# 310 EAST 161ST STREET
# BRONX, NEW YORK

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# Remedial Investigation Report

## NYSDEC BCP Number: C203183

**Prepared for:**

TEG Morrisania Development LLC
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**APRIL 2026**

# Certifications

I, Frank Cherena, P.G., certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Remedial Investigation Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER-10 Technical Guidance for Site Investigation and Remediation, dated May 2010 (DER-10).

| Frank Cherena, P.G.<br>Qualified Environmental Professional | Date | Signature |
|---|---|---|

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# Acronyms

µg/kg ..... Micrograms per Kilogram
µg/L ..... Micrograms per Liter
µg/$m^3$ ..... Micrograms per Cubic Meter
mg/kg..... Milligrams per Kilogram
4,4'-DDE..... 4,4'-Dichlorodiphenyldichloroethylene
4,4'-DDD..... 4,4-Dichlorodiphenyldichloroethane
4,4'-DDT ..... 4,4-Dichlorodiphenyltrichloroethane
AMI……Area Median Income
AOCs..... Areas of Concern
ASP ..... Analytical Services Protocol
AWQSGVs ..... Ambient Water Quality Standards and Guidance Values
BCA..... Brownfield Cleanup Agreement
BCP ..... Brownfield Cleanup Program
BEEI ..... Bureau of Environmental Exposure Investigation
bls..... Below Land Surface
BOA..... Brownfield Opportunity Areas
CAMP..... Community Air Monitoring Plan
C/D ..... Construction and Demolition
CEH..... Center for Environmental Health
CFR..... Code of Federal Regulations
COC ..... Contaminants of Concern
CP-51 ..... Commissioner Policy-51
CPP ..... Citizen Participation Plan
CQAP ..... Construction Quality Assurance Plan
CSM ..... Conceptual Site Model
CVOCs ..... Chlorinated Volatile Organic Compounds
cy..... Cubic Yards
DAR..... Division of Air Resources
DCE..... cis-1,2-dichloroethene
DEC..... Department of Environmental Conservation
DER-10..... NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation
DMM..... Division of Materials Management
DO ..... Dissolved Oxygen
DUSR ..... Data Usability Summary Report
EA..... Exposure Assessment
EC ..... Engineering Control
ECL ..... Environmental Conservation Law
EDD..... Electronic Data Deliverable
EDR……..Environmental Database Resources
EJ ..... Environmental Justice
ELAP ..... Environmental Laboratory Approval Program
EM..... Electromagnetic
ESA ..... Environmental Site Assessment
FEMA…… Federal Emergency Management Act
FER ..... Final Engineering Report
Ft ..... Feet/Foot
GPR..... Ground Penetrating Radar
GV……..Guidance Values
HASP..... Health and Safety Plan
HAZWOPER ..... Hazardous Waste Operations and Emergency Response
Hp..... Horsepower
HVAC..... Heating, Ventilation, and Air Conditioning
IC..... Institutional Control

MEK..... Methyl Ethyl Ketone; 2-butanone
MS/MSD ..... Matrix Spike/Matrix Spike Duplicate
MW ..... Monitoring Well
NG/L ..... Nanograms per Liter
NYCDEP ..... New York City Department of Environmental Protection
NYCDOT ..... New York City Department of Traffic
NYCRR..... New York Codes, Rules, and Regulations
NYSDEC ..... New York State Department of Environmental Conservation
NYSDOH..... New York State Department of Health
NYSDOT ..... New York State Department of Transportation
O&M ..... Operation and Maintenance
ORP..... Oxidation-Reduction Potential
OSHA ..... Occupational Safety and Health Administration
PAHs ..... Polycyclic Aromatic Hydrocarbons
PCBs ..... Polychlorinated Biphenyls
PCE ..... Tetrachloroethene (Perchloroethylene)
PEJA ..... Potential Environmental Justice Area
PDF ..... Portable Document Format
PFAS…….Per- and Polyfluoroalkyl Substances
PFOS……..... Perfluorooctanesulfonic acid
PFOA…….Perfluorooctanoic acid
PID ..... Photoionization Detector
PPE ..... Personal Protective Equipment
PVC ..... Polyvinyl Chloride
QAPP ..... Quality Assurance Project Plan
QA/QC..... Quality Assurance/Quality Control
RAOs..... Remedial Action Objectives
RAWP..... Remedial Action Work Plan
RI..... Remedial Investigation
RIR ..... Remedial Investigation Report
RIWP…….Remedial Investigation Work Plan
SCG..... Standards, Criteria, and Guidance
SCOs..... Soil Cleanup Objectives
SEQRA..... State Environmental Quality Review Act
SMP..... Site Management Plan
SOE..... Support of Excavation
SoMP..... Soil Management Plan
SOP..... Site Operations Plan
SSO..... Site Safety Officer
SVOC ..... Semivolatile Organic Compounds
SWPPP ..... Stormwater Pollution Prevention Plan
TAGM ..... Technical and Administrative Guidance Memorandum
TAL ..... Target Analyte List
TCE ..... Trichloroethene
TCL..... Target Compound List
TCLP ..... Toxicity Characteristics Leaching Procedure
TOGS ..... Technical and Operational Guidance Series
USEPA ..... United States Environmental Protection Agency
USGS ..... United States Geological Survey
VOC..... Volatile Organic Compounds

# Executive Summary

Roux Environmental Engineering and Geology, D.P.C. (Roux), on behalf of TEG Morrisania Development LLC (Volunteer), has prepared this Remedial Investigation Report (RIR) for the property located at 310 East 161st Street, Bronx, New York (Site), as shown on **Figure 1**. The Site was investigated to prepare for remediation under the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP). The Volunteer executed a Brownfield Cleanup Agreement (BCA) Index No. 203183-04-25 with NYSDEC on June 4, 2025, and the Site was assigned BCP Site number C203183.

The Site address is 310 East 161st Street, Bronx, New York, and consists of Tax Block 2420, Lot 150 and encompasses approximately 0.875 acres. A BCA amendment executed on February 27, 2026 was accepted by the NYSDEC to reduce the property by 0.0243 acres on the western portion of Site. As shown on **Figure 3**, the Site was most recently utilized as a parking lot for the adjacent offsite eight-story multifamily residential building. As of the NYSDEC approved Change of Use (COU) dated February 11, 2026, the Site has been utilized as a truck route and equipment staging area for redevelopment activities for the adjacent Tax Block 2420, Lot 130. Redevelopment for the adjacent Tax Block 2420, Lot 130 is being completed in accordance with the New York City Department of Environmental Protection (NYCDEP)-approved Remedial Action Plan (RAP).

When the proposed redevelopment at the Site is completed, it will contain 100% affordable housing. The planned development will include a 26-story, approximately 277,206 gross square foot (gsf) residential building containing 347 units of affordable housing and community facility space at the Site. The proposed project is anticipated to be completed and open for residents by 2029. Restricted Residential use, as defined in 6 NYCRR Part 375-6 Environmental Remediation Programs, is proposed for the Site. The proposed redevelopment plans, including floor plans for all levels of the proposed building, are included as **Appendix A**.

The anticipated use of the Site is residential, and therefore analytical data generated during the Remedial Investigation (RI) was compared to the Unrestricted Use Soil Cleanup Objectives (UUSCOs), Restricted Residential Use Soil Cleanup Objectives (RRSCOs), and the Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) as defined in the New York Codes, Rules, and Regulations (NYCRR), 6 NYCRR Part 375-6-8(a-b)(revised December 31, 2025) in order to evaluate achieving a Track 1, Track 2, and/or Track 4 remediation.

This RIR summarizes the findings of the following reports and investigations: November 2018 ASTM Phase I Environmental Site Assessment (ESA), prepared by Hillman Consulting; June 2022 ASTM Phase I ESA, prepared by Roux; June 2022 Phase II ESA, prepared by Roux; December 2023 BCP Eligibility Investigation, completed by Roux; February 2024 Supplemental BCP Eligibility Investigation completed by Roux; and the September 2024 Supplemental East Tower BCP Eligibility Investigation completed by Roux. The Phase I ESAs and Phase II ESAs are provided in **Appendix B**. A summary of the BCP Eligibility Investigation and Supplemental BCP Eligibility Investigations has previously been provided in the NYSDEC-approved Remedial Investigation Work Plan (RIWP), dated December 19, 2025 and is also summarized herein. The soil logs and laboratory reports associated with the BCP Eligibility Investigation and Supplemental BCP Eligibility Investigations are included in **Appendix B**.

The purpose of the RI is to determine the nature and extent of contamination at the Site, fill any potential data gaps in past investigations, characterize environmental media, qualitatively assess the potential exposure of receptors to Site contaminants, and develop any other additional data necessary to support the development of a Remedial Action Work Plan (RAWP).

All work summarized in this RIR was completed in accordance with the NYSDEC--approved RIWP for the Site, dated December 19, 2025, the New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion (SVI) in the State of New York (October 2006, with updates including, February 2024) and Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) under NYSDEC's Part 375 Remedial Program dated (December 2025), and complies with all applicable Federal, State, and local laws, regulations, and requirements.

The RI for this Site did not identify fish and wildlife resources, therefore, a fish and wildlife assessment was not necessary to include in this RIR.

## Significant Threat

The NYSDEC and NYSDOH have not yet determined if the Site poses a significant threat to human health and the environment.

## Site Description/Physical Setting

A Site location map is included as **Figure 1**.

| Property Location | |
|---|---|
| Site Name: | Morrisania East |
| Property Address: | 310 East 161st Street |
| Property Town, County, State: | Bronx, New York |
| Property Tax Identification: | Block 2420, Lot 150 |
| Property Topographic Quadrangle: | United States Geological Survey (USGS)-Bronx, New York |
| Nearest Intersection: | East 161st Street to the north, Morris Avenue to the west, East 158th Street to the south, and Park Avenue to the east. |
| Area Description: | The Site is in a mixed-use densely populated area in the Morrisania neighborhood of The Bronx, New York. The surrounding area consists of commercial and residential uses. |

A map showing an aerial view of the existing conditions is provided as **Figure 3**.

| Property Information | |
|---|---|
| Property Acreage: | 0.875-acres |
| Property Use: | The Site was most recently utilized as a parking lot for the adjacent offsite eight-story multifamily residential building. As of the NYSDEC-approved COU dated February 11, 2026, the Site has been utilized as a truck route and equipment staging area for redevelopment activities for the adjacent Tax Block 2420, Lot 130. Redevelopment for the adjacent Tax Block 2420, Lot 130 is being completed in accordance with the NYCDEP-approved RAP. |

| Property Information | |
|---|---|
| Improvements: | The majority of the Site is paved with asphalt and concrete, with limited areas of landscaping. |

## Summary of Proposed Redevelopment Plan

The anticipated redevelopment for the Site includes a 26-story, approximately 277,206 gsf residential building containing 347 units of affordable housing and community facility space at the Site. When the proposed redevelopment is completed, the Site usage will contain 100% affordable housing. The proposed project is anticipated to be completed and open for residents by 2029. The redevelopment plans are included in **Appendix A**.

## Summary of Environmental Findings

A summary of the following environmental investigations previously conducted at the Site are included below. The 2018 and 2022 Phase I ESAs, and the Roux 2022 Phase II ESA were completed for the entirety of former Lot 150, prior to apportionment into Lot 130 and Lot 150, The summaries provided below are specific to current Lot 150 (Site). Formal reports were not prepared for the "BCP Eligibility Investigation," Supplemental BCP Eligibility Investigation," and "Supplemental East Tower BCP Eligibility Investigation." These investigations were completed for the purpose of generating data to establish eligibility data as part of BCP Application preparation. The previously completed Phase I ESA and Phase II ESAs are included in **Appendix B**. The soil boring logs and laboratory reports associated with the BCP Eligibility Investigation, Supplemental BCP Eligibility Investigation, and Supplemental East Tower BCP Eligibility Investigation are included in **Appendix B**.

- **ASTM Phase I Environmental Site Assessment Report,** prepared by Hillmann Consulting, dated November 20, 2018;
- **ASTM Phase I Environmental Site Assessment Report,** prepared by Roux Environmental Engineering and Geology, D.P.C. (Roux), dated June 14, 2022;
- **Phase II Environmental Site Assessment Summary Letter Report,** prepared by Roux, dated June 27, 2022;
- **BCP Eligibility Investigation,** completed by Roux in December 2023;
- **Supplemental BCP Eligibility Investigation,** completed by Roux in February 2024; and
- **Supplemental East Tower BCP Eligibility Investigation,** completed by Roux in September 2024.

The proposed Site redevelopment plan is considered a restricted residential use, therefore the soil data from the previous investigations are compared to NYSDEC Restricted Residential Use Soil Cleanup Objectives (RRSCOs). Therefore, in order to develop an appropriate exposure assessment and RI scope, all analytical data is also compared to UUSCOs, PGWSCOs, and RRSCOs. Soil analytical data is summarized in **Tables 1 through 5**, groundwater analytical data is summarized in **Tables 6 through 9**, and soil vapor analytical data is summarized in **Table 10**. Soil, groundwater, and soil vapor analytical data exceeding the applicable Standards, Criteria, or Guidance (SCGs) is summarized in **Figures 6 through 9**.

## Site Topography/Hydrogeologic/Geology

The land surface elevation is generally flat across the Site, at approximately 48 – 51 feet North American Vertical Datum of 1988 (ft NAVD88). A Site Survey is included in **Appendix A**. Fill material, consisting of silt, sand, gravel, asphalt, brick, concrete, and wood was observed in the subsurface across the Site to depths

ranging from 1 to 7 ft bls during the RI. Beneath the fill layer, the observed lithology of the Site is comprised of silt, sand, gravel, and weathered bedrock. Top of weathered bedrock was encountered between 9 and 17 ft bls during the RI. A geotechnical report prepared by Mueser Rutledge Consulting Engineers, PLLC (MRCE) dated June 27, 2022 noted weathered bedrock observed at the shallowest depth of 7 ft bls at the Site and bedrock underlying the Site consists of Inwood Marble.

Groundwater was encountered at the Site at depths ranging from 23.16 to 25.5 ft NAVD 88 or a depth of 25.28 to 27.54 ft bls within weathered bedrock as determined from the monitoring wells installed during the RI. The direction of groundwater beneath the Site as determined in the RI is northeast, as shown in **Figure 13**.

According to the Roux 2022 Phase I ESA the Site is not located in, or adjacent to, regulated wetlands. The closest surface water body is the Harlem River, located approximately 0.76 miles to the west.

## Soil, Groundwater, and Soil Vapor Quality

A summary of soil, groundwater, and soil vapor analytical data collected during the previously completed investigations and RI implementation are summarized in **Tables 2 through 14**.

- Volatile organic compounds (VOCs) were detected in soil at concentrations exceeding the UUSCOs, RRSCOs, and PGWSCOs. Acetone exceeded the UUSCOs and PGWSCOs in two samples; however, acetone is a common laboratory artifact and is not considered representative of Site conditions. Petroleum-related VOCs were detected only in ETSB-08 (5–7 ft bls), where concentrations exceeded UUSCOs, RRSCOs, and PGWSCOs. In groundwater, several VOCs exceeded NYSDEC Ambient Water Quality Standards and Guidance Values (AWQSGVs), including chloroform in three wells and petroleum related VOCs in ETMW-04. Soil boring ETSB-08 and monitoring well ETMW-04 are collocated and exhibited similar petroleum related VOC exceedances, indicating that impacts in soil at ETSB-08 may be contributing to groundwater impacts at this location. Elevated VOCs were also detected in soil vapor samples ETSV-04 and ETSV-05, which are located near ETSB-08 and ETMW-04, further supporting the presence of localized petroleum-related impacts in this area of the Site.
- Semivolatile organic compounds (SVOCs), were detected at concentrations above UUSCOs, RRSCOs, and PGWSCOs in four soil samples. Additionally, one soil sample, ETSB-08 (5-7 ft bls) exceeded UUSCOs only for phenanthrene. No SVOCs were detected in groundwater samples at concentrations above the AWQSGVs. The data indicates that SCOs in soil are related to the presence of fill material and are not impacting groundwater.
- Metals were detected in soil at concentrations above the UUSCOs, RRSCOs, and PGWSCOs across the Site. Arsenic, cadmium, chromium, copper, cyanide, lead, mercury, nickel, and zinc were detected at concentrations above the UUSCOs. Arsenic, cadmium, lead, and mercury were detected at concentrations exceeding their applicable RRSCOs. Metals contamination is primarily detected from the shallow 0-7 ft of soil where fill material is observed. With the exception of one metal exceedance of UUSCOs and RRSCOs below the fill layer for mercury in the field duplicate of soil boring ETSB-02 from 12-14 ft bls. Arsenic was detected in the shallow 0 to 2-inch interval of three samples at concentrations above the PGWSCOs in soil but was not detected in total or dissolved groundwater samples above AWQSGVs. The detections of arsenic were likely due to the historical use as a pesticide for landscaping across the United States, which was banned as a pesticide by the USEPA in 1986. Magnesium and sodium were detected at concentrations exceeding AWQSGVs in both filtered and unfiltered groundwater grab samples. Total Iron was detected at concentrations exceeding AWQSGVs in one unfiltered groundwater sample. Iron, sodium, and magnesium are naturally occurring compounds in groundwater.

- Polychlorinated biphenyls (PCBs) were detected in one soil sample ETSB-08 (5-7) above the UUSCOs. No other soil samples had PCB detections. No PCBs were detected in groundwater samples.
- Pesticides were detected at concentrations exceeding the UUSCOs, but none were present in exceedances of their applicable RRSCOs or PGWSCOs, and pesticides were not detected in groundwater. Therefore, pesticides in soil are not a source of groundwater contamination at the Site.
- Per- and Polyfluorinated Substances (PFAS) compounds was detected above the UUSCOs and PGWSCOs in soil sample for perfluorooctanesulfonic acid (PFOS) only. PFOS and perfluoropentanesulfonic acid (PFOA) were detected in groundwater above the AWQSGVs in four of the five groundwater samples. Based on concentrations detected during the RI, the presence of PFAS in groundwater may be attributed to background levels of these compounds in New York City.
- The concentrations of petroleum-related VOCs, along with their presence in both soil and groundwater, indicate a likely onsite source of petroleum vapor impacts in the vicinity of ETSV-04. In contrast, chlorinated VOCs were detected at low levels in soil vapor and were not observed in soil or groundwater, suggesting that the Site does not contain an onsite source of CVOC impacts. The future building will be fully sealed with waterproofing/vapor barrier, which will mitigate any potential soil vapor intrusion.

## Qualitative Human Health Exposure Assessment

The following table summarizes the exposure assessment. Nearly sensitive receptors are shown in **Figure 5** and discussed in Section 1.4. Sensitive receptors in closest proximity to the Site include Comprehensive Health Care Center to the north, Montefiore medical Center – Wellness Center at Melrose to the east, Highbridge Advisory Council Marshall England Early Learning Center to the south, and Morrisania Air Rights Project public housing to the east.

| Environmental Media and Exposure Route | Human Exposure Assessment |
|---|---|
| Direct contact with surface soils (and incidental ingestion) | • Direct contact with surface soils is minimal since the Site is predominantly paved with asphalt and concrete. Limited areas of landscaping include unpaved grassy areas with small shrub and trees.<br>• During remediation, remedial workers, trespassers, passersby, and utility workers could come into dermal contact with contaminated soil. Proper PPE and personal hygiene measures, as defined in the HASP, will be required to prevent dermal contact and the potential for incidental ingestion impacted soil during construction.<br>• Nearby sensitive receptors will not come into contact with Site surface soils as the Site is currently and will continue to be surrounded with construction fencing during remediation.<br>• Future building occupant's exposure will be eliminated though addressing contaminated soil as described in the RIR and RAWP. Substantial remedial excavation will occur to remove onsite contamination. The proposed remedy will be described in the RAWP and includes addressing impacted soil through excavation to meet the RRSCOs to a maximum depth of 2 ft bls and a Site cover system will be installed. |
| Direct contact with subsurface soils (and incidental ingestion) | • Construction and remedial contractors can come into contact with soil if they complete ground intrusive work at the Site. During remediation, remedial workers and utility workers could come into contact with contaminated soil contained in dust through dermal contact. Proper PPE and personal hygiene measures, as defined in the HASP, will be required to prevent dermal contact and the potential for incidental ingestion impacted soil during construction. |

| Environmental Media and Exposure Route | Human Exposure Assessment |
|---|---|
| | • Nearby sensitive receptors will not come into contact with Site subsurface soils as the Site is currently and will continue to be surrounded with construction fencing during remediation.<br>• Future building occupant's exposure will be eliminated though addressing contaminated soil as described in the RIR and RAWP. Substantial remedial excavation will occur to remove onsite contamination. The proposed remedy will be described in the RAWP and includes addressing impacted soil through excavation to meet the RRSCOs to a maximum depth of 2 ft bls and a Site cover system will be installed. |
| Ingestion of groundwater | • Groundwater is not and will not be used for drinking water, as any future buildings proposed on the Site will be connected to the public water supply.<br>• A SMP and environmental easement will be put in place to the extent required to minimize the potential for exposure by direct contact with remaining contamination by both the public and any future construction workers performing ground intrusive activities at the Site. |
| Direct contact with groundwater (and incidental ingestion) | • Remedial workers, trespassers, and utility workers could come into contact with contaminated groundwater through dermal contact and incidental ingestion during ground intrusive work.<br>• Nearby sensitive receptors will not encounter Site groundwater as the Site is currently and will continue to be surrounded with construction fencing during remediation. Proper PPE and personal hygiene measures, as defined in the HASP, will be required to prevent dermal contact and the potential for incidental ingestion impacted groundwater during construction.<br>• Future exposure to Site groundwater will be eliminated by the presence of the redevelopment that covers the entire Site. An environmental easement will be placed on the Site to prevent use of groundwater without DEC/DOH approval. |
| Inhalation of air (exposures related to soil vapor intrusion) | • Remedial workers, trespassers, sensitive receptors, and utility workers may be exposed to contaminated soil vapor or dust during ground intrusive activities. Soil vapor and dust exposures to workers, passersby, and nearby sensitive receptors during the remedial action and future ground intrusive activities will be reduced or eliminated through implementation of the HASP, CAMP, and dust suppressant and odor/vapor controls during construction.<br>• A soil vapor intrusion evaluation will be completed based on the soil vapor data collected onsite. The evaluation will be summarized in the FER and include a desktop review of all onsite analytical data relative to the future uses of the property. The future building will be fully sealed with waterproofing/vapor barrier, which will mitigate any potential soil vapor intrusion. |

# 1. Introduction

Roux Environmental Engineering and Geology, D.P.C. (Roux), on behalf of TEG Morrisania Development LLC (Volunteer), has prepared this Remedial Investigation Report (RIR) for the property located at 310 East 161st Street, Bronx, New York (Site), as shown on **Figure 1**. The Site was investigated to prepare for remediation under the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP). The Volunteer executed a Brownfield Cleanup Agreement (BCA) Index No. 203183-04-25 with NYSDEC on June 4, 2025, and the Site was assigned BCP Site number C203183.

The Site address is 310 East 161st Street, Bronx, New York, and consists of Tax Block 2420, Lot 150 and encompasses approximately 0.875 acres. A BCA amendment executed on February 27, 2026 was accepted by the NYSDEC to reduce the property by 0.0243 acres on the western portion of Site. As shown on **Figure 3**, the Site was most recently utilized as a parking lot for the adjacent offsite eight-story multifamily residential building. As of the NYSDEC approved Change of Use (COU) dated February 11, 2026, the Site has been utilized as a truck route and equipment staging area for redevelopment activities for the adjacent Tax Block 2420, Lot 130. Redevelopment for the adjacent Tax Block 2420, Lot 130 is being completed in accordance with the New York City Department of Environmental Protection (NYCDEP)-approved Remedial Action Plan (RAP).

The anticipated redevelopment for the Site includes the construction of a 26-story residential building, approximately 277,206 gross square foot (gsf), containing 347 units of affordable housing and community facility space at the Site. When the proposed redevelopment at the Site is completed, it will contain 100% affordable housing. The proposed project is anticipated to be completed and open for residents by 2029. The proposed redevelopment plans are included as **Appendix A**.

Restricted residential use, as defined in 6 NYCRR Part 375-6 Environmental Remediation Programs, is proposed for the Site, and therefore analytical data generated during the Remedial Investigation (RI) was compared to the Unrestricted Use Soil Cleanup Objectives (UUSCOs), Restricted Residential Use Soil Cleanup Objectives (RRSCOs), and the Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) as defined in the New York Codes, Rules, and Regulations (NYCRR), 6 NYCRR Part 375-6-8(a-b) in order to evaluate achieving a Track 1, Track 2, and/or Track 4 remediation.

This RIR summarizes the findings of the following reports and investigations: November 2018 ASTM Phase I Environmental Site Assessment (ESA), prepared by Hillman Consulting; June 2022 ASTM Phase I ESA, prepared by Roux; June 2022 Phase II ESA, prepared by Roux; December 2023 BCP Eligibility Investigation, completed by Roux; February 2024 Supplemental BCP Eligibility Investigation completed by Roux; and the September 2024 Supplemental East Tower BCP Eligibility Investigation completed by Roux. The Phase I ESAs and Phase II ESAs are provided in **Appendix B.** A summary of the BCP Eligibility Investigation and Supplemental BCP Eligibility Investigations has previously been provided in the NYSDEC-approved Remedial Investigation Work Plan (RIWP), dated December 19, 2025 and is also summarized herein. The soil logs and laboratory reports associated with the BCP Eligibility Investigation and Supplemental BCP Eligibility Investigations are included in **Appendix C**.

The purpose of the RI is to identify the nature and extent of the contamination at the Site and to fill any potential data gaps in past investigations to determine the appropriate remediation for the Site. The RI included an initial investigation of soil, groundwater, and soil vapor; to further characterize environmental

media at the Site; to qualitatively assess the potential exposure of receptors to Site contaminants; and to develop any other additional data necessary to support the development of a Remedial Action Work Plan (RAWP).

All work summarized in this RIR was completed in accordance with the NYSDEC-approved Remedial Investigation Work Plan (RIWP) for the Site, dated December 19, 2025, the New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion (SVI) in the State of New York (October 2006, with updates including February 2024) and Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) under NYSDEC's Part 375 Remedial Program dated (December 2025), and complies with all applicable Federal, State, and local laws, regulations, and requirements.

A fish and wildlife resource characterization was conducted in accordance with DER-10 Section 3.10.1 and 6 NYCRR 375-6.6(b)(2) as part of this RI. The Site is a fully developed urban parcel located in the South Bronx, paved with asphalt and concrete, and is not located in or adjacent to any NYSDEC-regulated wetlands, National Wetlands Inventory wetlands, or significant coastal fish and wildlife habitats. The closest surface water body is the Harlem River, classified as Class I per 6 NYCRR Parts 700–705, located approximately 0.76 miles to the west. No endangered, threatened, or special concern species habitat has been identified on or adjacent to the Site based on a review of available NYSDEC records and the New York Natural Heritage Program database. Based on this resource characterization, no ecological resources constituting an important component of the environment are present at or adjacent to the Site, and the DER-10 Appendix 3C decision key confirms that no FWRIA Part 1 or Part 2 is warranted. Accordingly, a fish and wildlife resources impact analysis was not included in this RIR.

## 1.1 RIR Organization

This RIR contains the following sections:

- Section 2 – Describes the Site, its history, and results of previous environmental investigations;
- Section 3 – Describes the completed RI field work activities;
- Section 4 – Summarizes the RI laboratory analytical results;
- Section 5 – Provides a Conceptual Site Model (CSM) explaining the occurrence of contaminant sources and their fate and transport at the Site in the context of the local Site stratigraphy and hydrogeology;
- Section 6 – Provides a qualitative exposure assessment that evaluates exposures to contaminated media including soil, groundwater, and soil vapor; and
- Section 7 – Provides a summary of the RI.

Tables, figures, plates, and appendices are provided, which summarize all RI investigation locations, analytical data, and results of sampling efforts.

## 1.2 Site Location and Description

A Site Location Map and Tax Map are included as **Figures 1** and **2**, respectively. The Site was previously comprised of multiple tax lots, based on a review of the NYC Tax Map from 1965 included Block 2420, p/o Lots 59, 63, 107, 129, 136, 137, 141, 144, and 146. Lot 107 represented the location of former East 160th Street, which was made private and demapped by 1970. Immediately prior to recent apportionment, Block 2420, p/o Lots 59, 63, 107, 108, 129, 136, 137, 146, 144, and 141 as well as surrounding lots 55, 108, 110, 111, 112, 113, 114, 117, 118, 120, 121, 124, 127, and 149 were combined into a single Lot 120. Effective May

2019, Lot 120 was then apportioned into Lot 120 and new Lot 150. The subdivision of Block 2420, Lot 150 into lots 130 and 150 is complete and approved by the New York City Department of Buildings (NYC DOB).

| Property Location | |
|---|---|
| Site Name: | Morrisania East |
| Property Address: | 310 East 161st street |
| Property Town, County, State: | Bronx, New York |
| Property Tax Identification: | Block 2420, Lot 150 |
| Property Topographic Quadrangle: | United States Geological Survey (USGS)-Bronx, New York |
| Nearest Intersection: | East 161st Street to the north, Morris Avenue to the west, East 158th Street to the south, and Park Avenue to the east. |
| Area Description: | The Site is in a mixed-use densely populated area in the Morrisania neighborhood of The Bronx, New York. The surrounding area consists of commercial and residential uses. |

| Property Information | |
|---|---|
| Property Acreage: | 0.875-acres |
| Property Use: | The Site was most recently utilized as a parking lot for the adjacent offsite eight-story multifamily residential building. As of the NYSDEC-approved COU dated February 11, 2026, the Site has been utilized as a truck route and equipment staging area for redevelopment activities for the adjacent Tax Block 2420, Lot 130. Redevelopment for the adjacent Tax Block 2420, Lot 130 is being completed in accordance with the NYCDEP-approved RAP. |
| Improvements: | The majority of the Site is paved with asphalt and concrete, with limited areas of landscaping. |

## 1.3 Contemplated Redevelopment Plan

The anticipated redevelopment for the Site includes the construction of a 26-story residential building, approximately 277,206 gsf, containing 347 units of affordable housing and community facility space at the Site. When the proposed redevelopment is completed, the Site usage will contain 100% affordable housing. The proposed redevelopment plans are included as **Appendix A**.

## 1.4 Description of Surrounding Property

The Site is bounded by the following properties, as summarized in the table below. Adjacent property owners are shown in **Figure 4** and land use and sensitive receptors within a 0.25 mile radius is shown in **Figure 5**.

Zoning for the Site is currently labeled as “R8” which allows high-density apartment housing within this zoning district. The area surrounding the Site is similar with residential zoning mixed with a commercial zoning overlay. Underground public utilities within the streets and sidewalks surrounding the Site on E 161st Street and Concourse Village include electric, gas, municipal drinking water, sanitary, and combined sewer stormwater including storm drains. Directly west of the Site is the new development of Tax Block 2420, Lot

130, identified as the 860 Concourse Village East project, which is being completed in accordance with the New York City Department of Environmental Protection (NYCDEP)-approved Remedial Action Plan (RAP).

Several properties surrounding the Site are enrolled in the Voluntary Cleanup Program (VCP) NYC database were identified in the 2022 Phase I ESA for the Site completed by Roux, including, 289 East 161st Street (north), 3160 Park Avenue (east), 3120 Park Avenue (southeast), and 200 East 161st Street (west). All of which have been previously remediated with approved Remedial Action Reports and Notices of Completion. All upgradient and adjacent properties are not expected to impact the Site.

No upgradient sites of environmental concern were identified in the Environmental Database Resources (EDR) Radius Map. The majority of the surrounding and upgradient listings consisted of minor NY SPILLS and leaking tank cases, which have been closed to the satisfaction of the NYSDEC with no further action required. These listings are not likely to affect the Site.

| Adjacent Property Direction | Property Use |
|---|---|
| North | Commercial (161st Street Pharmacy, JSTAR Wine and Liquors, Montefiore Medical Group) and Residential (Morrisania II Apartments). |
| South | Marshall England Early Learning Center, New York City Housing Association Park, New York City Department of Education, Epworth United Methodist Church |
| East | Residential (PSS Morrisania Air Rights Senior Center) located on a podium above the overbuilt Metro-North Railroad Tracks |
| West | 860 Concourse Village East redevelopment, Commercial (Concourse Plaza), Epworth United Methodist Church |

# 2. Background

The following sections provide pertinent background information, including the documented history of the Site, and the results of previous environmental investigation work conducted at the Site.

## 2.1 Historical Site Operations

Based on the Roux Phase I Environmental Site Assessment, dated June 2022 (Roux 2022 Phase I ESA), historical use at the Site included mixed residential as well as commercial and industrial use. The Site was initially developed for residential use as early as 1891 with East 160th Street bisecting the Site. By 1951, several buildings appear to have been demolished and new buildings were constructed. The new construction observed in the 1951 Sanborn Map included an automobile repair facility with a 550-gallon gasoline underground storage tank (UST), an automobile brake service shop with a 550-gallon gasoline UST, multiple 1- and 2-story residential dwellings, and a 2-story Baptist Church. In 1969, a portion of the Site was used as a welding and boiler repair facility with a gasoline UST of unknown size (i.e., the former garage identified in 1951), and the automobile brake service shop (also identified in 1951) and a gasoline filling station. There were no records found in regard to the documentation or closure of the USTs, so it is unknown if the USTs have undergone any testing since their installation or if the USTs had/have secondary containment. By 1970, the buildings at the Site were demolished, East 160th Street was demapped, and the current parking area was constructed at the Site. Fill material, including asphalt, brick, wood, and concrete, were observed during previous investigations, suggesting the pre-1970 buildings were demolished and used as fill material to prepare the Site for the parking area.

In efforts to confirm the presence of former USTs, Roux contracted with Nova Geophysical Services who completed three geophysical surveys on December 11, 2023, February 20, 2024, and September 10, 2024, with reports included in **Appendix E**. The geophysical surveys identified one geophysical anomaly resembling a potential UST. The location of the anomaly corresponds with the location of the former automobile garage in the southern portion of the Site based on a review of the Sanborn Maps. Anomalies resembling potential subsurface utilities (such as sewer, storm drain and/or electric) were identified within the survey area. There were no additional observations of geophysical anomalies consistent with USTs made during the surveys. Following completion of the geophysical survey, Roux conducted test pits in the location of one of the USTs depicted in the Sanborn Map and was able to verify the location of a 550-gallon UST within the approximate footprint the former automobile garage as seen in the 1951 and 1969 Sanborn Map in the southern portion of the Site.

## 2.2 Topography/Hydrogeology

The land surface elevation is generally flat across the Site, at approximately 48-51 feet North American Vertical Datum of 1988 (ft NAVD 88). A Site Survey is included in **Appendix A**. Fill material, including silt, sand, gravel, asphalt, brick, concrete, and wood, was observed in the subsurface across the Site to depths ranging from 1 to 7 ft bls during the RI. Beneath the fill layer, the observed lithology of the Site is comprised of silt, sand, gravel, and weathered bedrock. Top of weathered bedrock was encountered between 9 and 17 ft bls during the RI. A geotechnical report prepared by Mueser Rutledge Consulting Engineers, PLLC (MRCE) dated June 27, 2022 noted weathered bedrock observed at the shallowest depth of 7 ft bls at the Site and bedrock underlying the Site consists of Inwood Marble.

Groundwater was encountered at the Site at depths ranging from 23.16 to 25.5 ft NAVD 88 or a depth of 25.28 to 27.54 ft bls within weathered bedrock as determined from the monitoring wells installed during the RI. The direction of groundwater beneath the Site as determined in the RI is northeast, as shown on **Figure 13**.

## 2.3 Wetland Areas and Surface Water Bodies

The Site is not located in state or nationally regulated wetlands and there are no surface water bodies present. According to the Roux 2022 Phase I ESA the Site is not located in, or adjacent to, regulated wetlands. The closest surface water body is the Harlem River, located approximately 0.76 miles to the west. The Site does not appear in the 100-year or 500-year flood zones according to online Federal Emergency Management Act (FEMA) maps. Given the Site's fully developed urban character, absence of regulated wetlands and surface water, and distance from the nearest waterbody, no ecological resource impacts to water are present.

## 2.4 Soil and Underlying Formation

Based on the field observations from previous investigations and the RI Implementation by Roux, fill material, including brick, asphalt, concrete, and wood was observed in the subsurface across the Site at depths ranging from 1 to 7 ft bls. Beneath the fill layer, the observed lithology of the Site is comprised of sand, gravel, and weathered bedrock. Additionally, weathered bedrock was encountered between 9 and 17 ft bls during remedial investigations. A geotechnical report prepared by MRCE dated June 27, 2022 noted weathered bedrock observed at the shallowest depth of 7 ft bls. The bedrock underlying the project Site consists of Inwood Marble.

## 2.5 Historical Environmental Reports

A summary of the following environmental investigations previously conducted at the Site are included below. The 2018 and 2022 Phase I ESAs, and the Roux 2022 Phase II ESA were completed for the entirety of former Lot 150, prior to apportionment into Lot 130 and Lot 150, The summarized provided below are specific to current Lot 150 (Site Formal reports were not prepared for the "BCP Eligibility Investigation," Supplemental BCP Eligibility Investigation," and "Supplemental East Tower BCP Eligibility Investigation." These investigations were completed for the purpose of generating data to establish eligibility data as part of BCP Application preparation. A summary of the analytical data from these investigations is included below. The soil boring logs and laboratory reports associated with the BCP Eligibility Investigation, Supplemental BCP Eligibility Investigation, and Supplemental East Tower BCP Eligibility Investigation are included in **Appendix B.**

- **ASTM Phase I Environmental Site Assessment Report, prepared by Hillmann Consulting, dated November 20, 2018; Phase II ESA Summary Letter Report**, prepared by Roux, dated March 28, 2024;
- **ASTM Phase I Environmental Site Assessment Report,** prepared by Roux Environmental Engineering and Geology, D.P.C. (Roux), dated June 14, 2022;
- **Phase II Environmental Site Assessment Summary Letter Report**, prepared by Roux, dated June 27, 2022;
- **BCP Eligibility Investigation,** completed by Roux in December 2023;
- **Supplemental BCP Eligibility Investigation,** completed by Roux in February 2024; and
- **Supplemental East Tower BCP Eligibility Investigation**, completed by Roux in September 2024.

The proposed Site redevelopment plan is considered restricted residential use, therefore the soil data from the previous investigations are compared to UUSCOs, PGWSCOs, and RRSCOs. Soil analytical data is summarized in **Tables 2 through 7**, groundwater analytical data is summarized in Tables 8 through 13, and soil vapor analytical data is summarized in **Table 14**. Soil, groundwater, and soil vapor analytical data exceeding the applicable Standards, Criteria, or Guidance (SCGs) is summarized in **Figures 6** and **8**.

The following subsections present a summary of the previous investigations completed at the Site.

### 2.5.1 Phase I Environmental Site Assessment Report, prepared by Hillmann Consulting, dated November 20, 2018

The Hillmann Consulting 2018 Phase I ESA identified the following Recognized Environmental Conditions (RECs) in connection with the Site:

- The previous use of the Site as an automobile repair facility, garage, and dairy facility;
- The potential for abandoned USTs in relation to the previous Site usage;
- The potential to encounter historic fill material from the former basements; and
- The presence of a Volunteer Cleanup Program (VCP) enrolled property approximately 219 feet to the south-southeast of the Site. A remedial investigation report (RIR) completed in June 2017 indicated the presence of semi volatile organic compounds (SVOC) and metals in soil and low-level petroleum and chlorinated volatile organic compounds (CVOCs) in soil vapor. A remedial action work plan (RAWP) recommended the installation of a soil vapor barrier for that particular property. Because on-site clean-up was ongoing, this listing was considered a REC. However, according to the New York City Office of Environmental Remediation (NYCOER) database, the VCP status for the facility is listed as complete.

### 2.5.2 Phase I Environmental Site Assessment Report, prepared by Roux Environmental Engineering and Geology, D.P.C. (Roux), dated June 14, 2022

The Roux 2022 Phase I ESA identified the following RECs in connection with the Site:

Use of a portion of the Site as an Automobile Repair Facility and Garage: According to the 1951 Sanborn Map, the Site was developed with an automobile repair facility and garage with associated USTs containing gasoline. No violations or compliance monitoring programs are associated with the former automobile repair facility. No records were found regarding the potential USTs buried onsite. The use of the Site as an automobile repair facility and garage with unaccounted USTs is considered a REC.

### 2.5.3 Phase II Environmental Site Assessment Summary Letter Report, prepared by Roux, dated June 27, 2022

Roux prepared a Phase II ESA in June 2022. The results of the field investigation are included below.

**Soil**

A total of eight soil samples were collected within the Site as part of the Roux 2022 Phase II ESA. All samples were analyzed for Target Compound List (TCL)/Part 375 volatile organic compounds (VOCs), TCL/Part 375 SVOCs, Target Analyte List (TAL) metals, pesticides, and polychlorinated biphenyls (PCBs). The Phase II ESA was performed to investigate the RECs found during the Phase I ESA and to collect data to evaluate BCP eligibility. There were no soil exceedances of UUSCOs, PGWSCOs, or RRSCOs for VOCs or PCBs during the Phase II ESA. Soil analytical data exceeding the applicable SCOs is summarized below.

- Several SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs) exceeded UUSCOs, PGWSCOs, and/or RRSCOs in one sample: RX-5 at 0 – 2 ft bls. Exceedances included benzo(a)anthracene, benzo(b)fluoranthene, chrysene, and indeno(1,2,3-c,d)pyrene.
- Exceedances of metals were limited to RX-5 at 0 – 2 ft bls for UUSCOs only. Metal exceedances included lead and zinc.
- Exceedances of pesticides were limited to RX-5 at 0 – 2 ft bls for UUSCOs only. Pesticides exceedances included cis-chlordane P,P'-DDD and P,P'-DDE.

**Groundwater**

One groundwater sample was analyzed for VOCs, SVOCs, PCBs, and metals. Groundwater concentrations of dissolved and total metals exceeded the NYSDEC Ambient Water Quality Standards and Guidance Values (AWQSGVs). There were no exceedances of the AWQSGVs for VOCs, SVOCs, or PCBs. Total iron and manganese exceeded AWQSGVs. Dissolved concentrations of these metals did not exceed AWQSGVs in filtered groundwater grab samples. Magnesium and sodium were detected at concentrations exceeding AWQSGVs in both filtered and unfiltered groundwater grab samples.

**Soil Vapor**

Two soil vapor points were installed and sampled in Lot 150 during the Phase II ESA. The soil vapor points were installed to an approximate depth of 10 to 12 ft bls. The soil vapor samples were collected over a 2-hour period and analyzed for VOCs via United States Environmental Protection Agency (USEPA) method TO-15.

In the list below a “D” signifies the concentration of analyte was quantified from diluted analysis and a “J” signifies an estimated value. The following VOCs were detected in the two soil vapor samples:

- 1,2,4-Trimethylbenzene was detected in both samples at a maximum concentration of 13 micrograms per cubic meter (µg/$m^3$).
- 1,3,5-Trimethylbenzene was detected in both samples at a maximum concentration of 4.3 J µg/$m^3$.
- 2,2,4-Trimethylpentane was detected in one sample at a concentration of 9. µg/$m^3$.
- 2-Hexanone was detected in one sample at a concentration of 16 µg/$m^3$.
- 4-Ethyltoluene was detected in both samples at a maximum concentration of 4.2 J µg/$m^3$.
- Acetone was detected in both samples at a maximum concentration of 150 µg/$m^3$.
- Benzene was detected in both samples at a maximum concentration of 5.6 µg/$m^3$.
- Butane was detected in one sample at a concentration of 1400 D µg/$m^3$.
- Carbon Disulfide was detected in both samples at a maximum concentration of 25 µg/$m^3$.
- Ethylbenzene was detected in both samples at a maximum concentration of 11 µg/$m^3$.
- Isopropylbenzene was detected in both samples at a maximum concentration of 1.2 J µg/$m^3$.
- M,p-Xylene was detected in both samples at a maximum concentration of 26 µg/$m^3$.
- Methyl Ethyl Ketone was detected in both samples at a maximum concentration of 60 µg/$m^3$.
- N-Heptane was detected in both samples at a maximum concentration of 190 µg/$m^3$.
- N-Hexane was detected in both samples at a maximum concentration of 280 µg/$m^3$.
- N-Propylbenzene was detected in both samples at a maximum concentration of 3.3 J µg/$m^3$.
- O-Xylene was detected in both samples at a maximum concentration of 10 µg/$m^3$.

- Sec-Butylbenzene was detected in one sample at a concentration of 1.6 J µg/$m^3$.
- Tetrachloroethylene (PCE) was detected in both samples at a maximum concentration of 96 µg/$m^3$.
- Toluene was detected in both samples at a maximum concentration of 1400 D µg/$m^3$.

Petroleum-related and chlorinated VOCs included in the NYSDOH matrices that were detected during the Phase II ESA includes 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2,2,4-trimethylpentane, benzene, toluene, ethylbenzene, m,p-xylene, n-heptane, n-hexane, o-xylene, PCE, and toluene. Toluene was detected at a concentration of 1,400 ug/m3 at RX-3 and n-hexane was detected at a concentration of 280 ug/m3 at RX-5 which may be indicative of a nearby existing or former UST associated with the former Site use as an automobile repair facility and garage.

### 2.5.4 BCP Eligibility Sampling, completed by Roux, December 2023, February 2024, July 2024, and September 2024

Roux completed three separate BCP Eligibility Sampling events to further evaluate onsite contamination and to establish eligibility data as part of BCP Application preparation. The summary below includes the details of all three investigations. Soil, groundwater, and soil vapor analytical results are summarized in **Tables 2 through 14.** Soil and soil vapor analytical results are summarized on **Figures 6** and **8**. Groundwater results from the previous investigations are not provided on a figure since there were no groundwater exceedances detected at the Site.

**Geophysical Survey**

A geophysical survey was completed by Nova Geophysical Services on December 22, 2023, February 20, 2024, and September 10, 2024, prior to the start of each of the three investigations, which cover the entirety of the Site. One geophysical anomaly resembling a UST was encountered, and the location of the anomaly corresponds with the former automobile garage in the southeastern portion of the Site based on a review of the Sanborn Maps. Anomalies resembling potential subsurface utilities (such as sewer, storm drain and/or electric) were identified within the survey area. There were no additional observations of geophysical anomalies consistent with USTs made during the survey.

**Soil**

A total of 19 soil samples were collected as part of the BCP Eligibility Sampling and were analyzed for a combination of VOCs, SVOCs, and metals. Soil analytical data exceeding the applicable SCOs is summarized below.

- VOCs exceedances were limited to acetone only in four soil samples and 1,2,4-trichlorobenzene for one sample in 3 – 4 ft bls for UUSCOs and PGWSCOs. There were no VOC exceedances of RRSCOs. Acetone is a common laboratory artifact and is not considered representative of Site conditions.
- SVOCs, specifically PAHs, exceeded UUSCOs, PGWSCOs, and/or RRSCOs in seven soil samples, at depths ranging from 0 – 2 ft bls to 10 – 12 ft bls. Exceedances included benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, indeno(1,2,3-c,d)pyrene, and phenanthrene.
- Metals exceeded UUSCOs PGWSCOs, and/or RRSCOs in 14 samples. Exceedances included arsenic, barium, beryllium, cadmium, chromium, copper, lead, manganese, mercury, nickel, and zinc.

**Soil Vapor**

One soil vapor point was installed during the September 2024 BCP Eligibility Sampling event. The soil vapor point was installed in the northern corner of the Site, within the vicinity of the historical filling station. The soil vapor point was set at 12 ft bls and a soil vapor sample was collected over a 2-hour period. The soil vapor sample was analyzed for VOCs via USEPA method TO-15.

In the list below a “D” signifies the concentration of analyte was quantified from diluted analysis, a “B” signifies the analyte was found in an associated blank as well as in the sample, and a “J” signifies an estimated value. The following VOCs were detected in the one soil vapor samples:

- 1,2,4-Trimethylbenzene was detected at a concentration of 2.4 micrograms per cubic meter (µg/m$^3$)
- 1,2-Dichlorotetrafluoroethane was detected at a concentration of 1.3 J µg/m$^3$
- 1,3,5-Trimethylbenzene was detected at a concentration of 0.62 J µg/m$^3$
- 2,2,4-Trimethylpentane was detected at a concentration of 9.9 µg/m$^3$
- 2-Hexanone was detected at a concentration of 0.67 µg/m$^3$
- 4-Ethyltoluene was detected at a concentration of 0.98 µg/m$^3$
- Acetone was detected at a concentration of 24 µg/m$^3$
- Benzene was detected at a concentration of 1.7 µg/m$^3$
- Butane was detected at a concentration of 2.5 µg/m$^3$
- Carbon Disulfide was detected at a concentration of 8 B µg/m$^3$
- Chloroform was detected at a concentration of 3.4 µg/m$^3$
- Cis-1,2-Dichloroethylene was detected at a concentration of 0.12 J µg/m$^3$
- Cyclohexane was detected at a concentration of 0.21 J µg/m$^3$
- Dichlorodifluoromethane was detected at a concentration of 3.3 µg/m$^3$
- Ethylbenzene was detected at a concentration of 3.2 µg/m3
- Isopropylbenzene was detected at a concentration of 0.38 J µg/m$^3$
- m,p-Xylene was detected at a concentration of 11 µg/m$^3$
- Methyl Ethyl Ketone was detected at a concentration of 3.5 µg/m$^3$
- Methyl Isobutyl Ketone was detected at a concentration of 2.2 µg/m$^3$
- N-Heptane was detected at a concentration of 2 µg/m$^3$
- N-Hexane was detected at a concentration of 0.98 J µg/m$^3$
- N-Propylbenzene was detected at a concentration of 0.82 J µg/m$^3$
- O-Xylene was detected at a concentration of 3.2 µg/m$^3$
- Styrene was detected at a concentration of 0.56 J µg/m$^3$
- Tert-Butyl Alcohol was detected at a concentration of 7.7 J µg/m$^3$
- PCE was detected at a concentration of 3.1 µg/m$^3$
- Toluene was detected at a concentration of 9 µg/m$^3$
- Trichloroethylene (TCE) was detected at a concentration of 0.54 µg/m$^3$
- Trichlorofluoromethane was detected at a concentration of 6.5 µg/m$^3$

Petroleum-related and chlorinated VOCs included in the NYSDOH matrices that were detected in soil vapor sample RX-23 includes 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2,2,4-trimethylpentane, Cis-1,2-dichloroethylene, cyclohexane, ethylbenzene, m,p-xylene, n-heptane, n-hexane, o-xylene, PCE, toluene, and TCE.

# 3. Remedial Investigation Field Activities

The following sections summarize the work completed by Roux and its subcontractors during the RI. The scope of work was completed in accordance with the RIWP dated December 19, 2025, and associated project plans including the Health and Safety Plan (HASP), Quality Assurance Project Plan (QAPP)/Field Sampling Plan (FSP), and Community Air Monitoring Plan (CAMP). Daily and CAMP reports submitted to NYSDEC during RI implementation are included in **Appendix D**. Deviations from the RIWP, including scope modifications, are noted in Section 3.10.

## 3.1 Objectives

Based on the existing data for the Site, the following objectives were identified:

- Further delineate the nature and extent of impacts to soil associated with contaminated fill material at the Site;
- Further delineate the nature and extent of impacts to groundwater; and
- Complete a qualitative human health EA by evaluating the existing potential exposure pathways for Site-related contaminants both on and offsite and based on the reasonably anticipated future land use of the Site and affected offsite areas.

The RI evaluates soil, groundwater, and soil vapor impacts onsite and at the Site property boundaries to provide the basis for remedial action selection and to determine the general potential for offsite impacts. As a BCP volunteer, off-site field investigation and sampling was limited to that needed to identify the presence of contamination and to support the qualitative off-site exposure assessment, consistent with DER-10 Section 3.3(c)(4)(vii) and 6 NYCRR 375-3.8(b)(2). Environmental data collected during the RI will be used to qualitatively assess the potential exposure of receptors to Site contaminants and develop the information necessary to support the development of the RAWP.

To accomplish the objectives stated above, the scope of work for the RI included the following:

- The performance of Site reconnaissance to confirm proposed sampling locations;
- The advancement of 11 soil borings, collection of 52 soil samples for laboratory analysis including the surface soil sampling;
- Installation of five permanent groundwater monitoring wells into bedrock and collection of five groundwater samples for laboratory analysis;
- Installation of six soil vapor monitoring points for sample collection and laboratory analysis;
- The collection of additional soil, groundwater, and soil vapor data sufficient to define the nature and extent of impacted media;
- The collection of additional groundwater level measurements and the collection of additional land survey data as needed for developing a groundwater elevation contour map; and
- The performance of a qualitative exposure assessment to identify exposure pathways and evaluate contaminant fate and transport.

All RI data was produced in accordance with NYSDEC Analytical Services Protocol (ASP) Category B deliverables and was reviewed and validated by Data Validation Services, a party independent of the project team, in a Data Usability Summary Report (DUSR) before being incorporated into the RIR for the Site. All data was submitted to NYSDEC in electronic format, in accordance with DER-10, Section 1.15.

The overall scope of each component of the RI is discussed in the following subsections. Detailed field sampling procedures were provided in the QAPP/FSP (**Appendix E** of the RIWP). The sampling locations are shown on **Figure 9** and additional information, including intervals sampled and sample rationale, is provided below.

## 3.2 Site Reconnaissance

Roux performed Site reconnaissance prior to the implementation of the subsurface investigation. An inspection of the existing Site conditions was conducted to determine final sampling locations based on actual field conditions. No sampling locations are adjusted more than 10 ft from their original location in the RIWP. As discussed in Section 2.5.4, several geophysical surveys have been previously completed at the Site, therefore an additional geophysical survey was not included in the RI scope of work.

## 3.3 Soil Investigation

A total of 59 soil samples were collected from 11 soil borings advanced at the locations shown in **Figure 10** as part of the RI. Of the 59 collected soil samples, 51 samples were submitted for laboratory analysis, while eight were submitted with analysis on hold. The samples on hold were to be analyzed only if the corresponding 2-ft interval directly above exceeded the UUSCOs. Only one sample on hold required analysis based on exceedances identified in its overlying interval. In order to fully determine the nature and extent of Site contamination, ten of the eleven soil borings were extended to bedrock and were sampled every 2-ft for the parameters listed below. Two soil borings (ETSB-04 and ETSB-05) were sampled to 4 ft bls to evaluate shallow soil contamination. One soil boring (ETSB-08) was initially proposed to be sampled to 4 ft bls, however was advanced to 12 ft bls due to contamination which was encountered based on visual/olfactory and photoionization detector (PID) readings observed at 5 to 7 ft bls.

Prior to advancement with a drill rig, each boring location was cleared to a depth of 5 ft bls using hand tools (e.g., post-hole digger, shovel, hand-auger, etc.) to verify the absence of utilities. Following utility clearance, the soil borings were advanced using a GeoprobeTM 7822DT drill rig. Soil was collected continuously from land surface to the targeted sample interval summarized in the table below for each soil boring.

| Soil Boring ID | Target Soil Grab Sample Depths (feet below land surface) | Rationale | Parameters[4] |
|---|---|---|---|
| ETSB-01 | 0-2 inches | Surface soil samples will be collected from a depth of 0-2 inches below the vegetative cover to properly evaluate exposure pathways. | NYSDEC Part 375/TCL SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, and total cyanide |
| | 2-6 inches | Surface soil samples will be collected from a depth of 2-6 inches below the vegetative cover to properly evaluate exposure pathways. | NYSDEC Part 375/TCL VOCs |
| | 2-4 feet | Fill in a spatial data gap and evaluate the potential presence of soil contamination associated with the adjacent UST and AOC 3 – former garage, welding, and boiler repair shop | NYSDEC Part 375/TCL VOCs, SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, total cyanide and Emerging Contaminants[1] (ECs) |

| Soil Boring ID | Target Soil Grab Sample Depths (feet below land surface) | Rationale | Parameters[4] |
|---|---|---|---|
| | 6-8 feet | Fill in a spatial data gap and evaluate the potential presence of soil contamination associated with the adjacent UST and AOC 3 – former garage, welding, and boiler repair shop | NYSDEC Part 375/TCL VOCs, SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, and total cyanide. |
| | 9-11 feet (2-ft interval directly above bedrock) | Fill in a spatial data gap and evaluate the potential presence of soil contamination associated with the adjacent UST and AOC 3 – former garage, welding, and boiler repair shop | NYSDEC Part 375/TCL VOCs, SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, and total cyanide. |
| ETSB-02 | 0-2 inches | Surface soil samples will be collected from a depth of 0-2 inches below the vegetative cover to properly evaluate exposure pathways. | NYSDEC Part 375/TCL SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, and total cyanide |
| | 2-6 inches | Surface soil samples will be collected from a depth of 2-6 inches below the vegetative cover to properly evaluate exposure pathways. | NYSDEC Part 375/TCL VOCs |
| | 2-4 feet | Fill in a spatial data gap and evaluate the potential presence of soil contamination associated with the adjacent UST and AOC 4 – fill material. | NYSDEC Part 375/TCL VOCs, SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, total cyanide and ECs[1] |
| | 12-14 feet (2-ft interval directly above bedrock) | Fill in a spatial data gap and evaluate the potential presence of soil contamination associated with the adjacent UST and AOC 4 – fill material. | NYSDEC Part 375/TCL VOCs, SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, and total cyanide. |
| ETSB-03 | 0-2 inches | Surface soil samples will be collected from a depth of 0-2 inches below the vegetative cover to properly evaluate exposure pathways. | NYSDEC Part 375/TCL SVOCs, pesticides, PCBs, NYSDEC Part 375 metals/TAL, hexavalent/trivalent chromium, and total cyanide |
| | 2-6 inches | Surface soil samples will be collected from a depth of 2-6 inches below the vegetative cover to properly evaluate exposure pathways. | NYSDEC Part 375/TCL VOCs |
| | 2-4 feet | Fill in a spatial data gap and evaluate the potential presence of soil contamination associated with AOC 1 - former filling station. | NYSDEC Part 375/TCL VOCs, SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, total cyanide and ECs[1] |
| | 6-8 feet | Fill in a spatial data gap and evaluate the potential presence of soil contamination associated with AOC 1 - former filling station. | NYSDEC Part 375/TCL VOCs, SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, and total cyanide. |

| Soil Boring ID | Target Soil Grab Sample Depths (feet below land surface) | Rationale | Parameters[4] |
|---|---|---|---|
| | 10-12 feet | Fill in a spatial data gap and evaluate the potential presence of soil contamination associated with AOC 1 - former filling station. | NYSDEC Part 375/TCL VOCs, SVOCs, pesticides, PCBs, NYSDEC Part 375 metals, hexavalent/trivalent chromium, and total cyanide. |
| | 14-16 feet (2-ft interval directly above bedrock) | Fill in a spatial data gap and evaluate the potential presence of soil contamination associated with AOC 1 - former filling station. | NYSDEC Part 375/TCL VOCs, SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, and total cyanide. |
| ETSB-04 | 0-2 inches | Surface soil samples will be collected from a depth of 0-2 inches below the vegetative cover to properly evaluate exposure pathways. | NYSDEC Part 375/TCL SVOCs, pesticides, PCBs, NYSDEC Part 375 metals/TAL, hexavalent/trivalent chromium, and total cyanide |
| | 2-6 inches | Surface soil samples will be collected from a depth of 2-6 inches below the vegetative cover to properly evaluate exposure pathways. | NYSDEC Part 375/TCL VOCs |
| | 2-4 feet | Fill in a spatial data gap and evaluate the potential presence of soil contamination associated AOC 3 – former garage, welding, and boiler repair shop | NYSDEC Part 375/TCL VOCs, SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, total cyanide and ECs[1] |
| ETSB-05 | 0-2 inches | Surface soil samples will be collected from a depth of 0-2 inches below the vegetative cover to properly evaluate exposure pathways. | NYSDEC Part 375/TCL SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, and total cyanide |
| | 2-6 inches | Surface soil samples will be collected from a depth of 2-6 inches below the vegetative cover to properly evaluate exposure pathways. | NYSDEC Part 375/TCL VOCs |
| | 2-4 feet | Fill in a spatial data gap and evaluate the potential presence of soil contamination associated with the adjacent UST and AOC 4 – fill material. | NYSDEC Part 375/TCL VOCs, SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, total cyanide and ECs[1] |
| ETSB-06 | 0-2 inches | Surface soil samples will be collected from a depth of 0-2 inches below the vegetative cover to properly evaluate exposure pathways. | NYSDEC Part 375/TCL SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, and total cyanide |
| | 2-6 inches | Surface soil samples will be collected from a depth of 2-6 inches below the vegetative cover to properly evaluate exposure pathways. | NYSDEC Part 375/TCL VOCs |

| Soil Boring ID | Target Soil Grab Sample Depths (feet below land surface) | Rationale | Parameters[4] |
|---|---|---|---|
| | 2-4 feet | Fill in a spatial data gap and evaluate the potential presence of soil contamination associated with the adjacent UST and AOC 3 – former garage, welding, and boiler repair shop | NYSDEC Part 375/TCL VOCs, SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, total cyanide and ECs[1] |
| | 6-8 feet | Fill in a spatial data gap and evaluate the potential presence of soil contamination associated with the adjacent UST and AOC 3 – former garage, welding, and boiler repair shop | NYSDEC Part 375/TCL VOCs, SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, and total cyanide. |
| | 8-10 feet | Fill in a spatial data gap and evaluate the potential presence of soil contamination associated with the adjacent UST and AOC 3 – former garage, welding, and boiler repair shop | NYSDEC Part 375/TCL VOCs, SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, and total cyanide. |
| | 10-12 feet / 2-ft interval directly above bedrock | Fill in a spatial data gap and evaluate the potential presence of soil contamination associated with the adjacent UST and AOC 3 – former garage, welding, and boiler repair shop | NYSDEC Part 375/TCL VOCs, SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, and total cyanide. |
| ETSB-07 | 0-2 inches | Surface soil samples will be collected from a depth of 0-2 inches below the vegetative cover to properly evaluate exposure pathways. | NYSDEC Part 375/TCL SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, and total cyanide |
| | 2-6 inches | Surface soil samples will be collected from a depth of 2-6 inches below the vegetative cover to properly evaluate exposure pathways. | NYSDEC Part 375/TCL VOCs |
| | 2-4 feet | Fill in a spatial data gap and evaluate the potential presence of soil contamination associated with the adjacent UST and AOC 3 – former garage, welding, and boiler repair shop | NYSDEC Part 375/TCL VOCs, SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, total cyanide and ECs[1] |
| | 6-8 feet | Fill in a spatial data gap and evaluate the potential presence of soil contamination associated with the adjacent UST and AOC 3 – former garage, welding, and boiler repair shop | NYSDEC Part 375/TCL VOCs, SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, and total cyanide. |
| | 9-11 feet | Fill in a spatial data gap and evaluate the potential presence of soil contamination associated with the adjacent UST and AOC 3 – former garage, welding, and boiler repair shop | NYSDEC Part 375/TCL VOCs, SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, and total cyanide. |

| Soil Boring ID | Target Soil Grab Sample Depths (feet below land surface) | Rationale | Parameters[4] |
|---|---|---|---|
| | 11.5-13.5 feet / 2-ft interval directly above bedrock | Fill in a spatial data gap and evaluate the potential presence of soil contamination associated with the adjacent UST and AOC 3 – former garage, welding, and boiler repair shop | NYSDEC Part 375/TCL VOCs, SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, and total cyanide. |
| ETSB-08 | 0-2 inches | Surface soil samples will be collected from a depth of 0-2 inches below the vegetative cover to properly evaluate exposure pathways. | NYSDEC Part 375/TCL SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, and total cyanide |
| | 2-6 inches | Surface soil samples will be collected from a depth of 2-6 inches below the vegetative cover to properly evaluate exposure pathways. | NYSDEC Part 375/TCL VOCs |
| | 2-4 feet | Fill in a spatial data gap and evaluate the potential presence of soil contamination associated with AOC 2 – former auto repair shop. | NYSDEC Part 375/TCL VOCs, SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, total cyanide and ECs[1] |
| | 5-7 feet | Visual impacts, petroleum odor, and elevated PID reading of 320.1 ppm. | NYSDEC Part 375/TCL VOCs, SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, total cyanide |
| | 8-10 feet | 2-ft interval directly below impacted material. | NYSDEC Part 375/TCL VOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, total cyanide. Sample was released from hold[2]. |
| ETSB-09 | 0-2 inches | Surface soil samples will be collected from a depth of 0-2 inches below the vegetative cover to properly evaluate exposure pathways. | NYSDEC Part 375/TCL SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, and total cyanide |
| | 2-6 inches | Surface soil samples will be collected from a depth of 2-6 inches below the vegetative cover to properly evaluate exposure pathways. | NYSDEC Part 375/TCL VOCs |
| | 2-4 feet | Fill in a spatial data gap and evaluate the potential presence of soil contamination associated with the adjacent UST and AOC 4 – fill material. | NYSDEC Part 375/TCL VOCs, SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, total cyanide and ECs[1] |
| | 6-8 feet | Fill in a spatial data gap and evaluate the potential presence of soil contamination associated with the adjacent UST and AOC 4 – fill material. | NYSDEC Part 375/TCL SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, and total cyanide |

| Soil Boring ID | Target Soil Grab Sample Depths (feet below land surface) | Rationale | Parameters[4] |
|---|---|---|---|
| | 10-12 feet | Fill in a spatial data gap and evaluate the potential presence of soil contamination associated with the adjacent UST and AOC 4 – fill material. | NYSDEC Part 375/TCL SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, and total cyanide |
| | 12-14 feet / 2-ft interval directly above bedrock | Fill in a spatial data gap and evaluate the potential presence of soil contamination associated with the adjacent UST and AOC 4 – fill material. | NYSDEC Part 375/TCL VOCs, SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, and total cyanide |
| ETSB-10 | 0-2 inches | Surface soil samples will be collected from a depth of 0-2 inches below the vegetative cover to properly evaluate exposure pathways. | NYSDEC Part 375/TCL SVOCs, pesticides, PCBs, NYSDEC Part 375 metals/TAL, hexavalent/trivalent chromium, and total cyanide |
| | 2-6 inches | Surface soil samples will be collected from a depth of 2-6 inches below the vegetative cover to properly evaluate exposure pathways. | NYSDEC Part 375/TCL VOCs |
| | 2-4 feet | Fill in a spatial data gap and evaluate the potential presence of soil contamination associated AOC 3 – former garage, welding, and boiler repair shop | NYSDEC Part 375/TCL VOCs, SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, total cyanide and ECs[1] |
| | 11-13 feet / 2-ft interval directly above bedrock | Fill in a spatial data gap and evaluate the potential presence of soil contamination associated AOC 3 – former garage, welding, and boiler repair shop | NYSDEC Part 375/TCL VOCs, SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, and total cyanide. |
| ETSB-11 | 0-2 inches | Surface soil samples will be collected from a depth of 0-2 inches below the vegetative cover to properly evaluate exposure pathways. | NYSDEC Part 375/TCL SVOCs, pesticides, PCBs, NYSDEC Part 375 metals/TAL, hexavalent/trivalent chromium, and total cyanide |
| | 2-6 inches | Surface soil samples will be collected from a depth of 2-6 inches below the vegetative cover to properly evaluate exposure pathways. | NYSDEC Part 375/TCL VOCs |
| | 2-4 feet | Fill in a spatial data gap and evaluate the potential presence of soil contamination associated AOC 2 – former auto repair shop. | NYSDEC Part 375/TCL VOCs, SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, total cyanide and ECs[1] |
| | 14-16 feet / 2-ft interval directly above bedrock | Fill in a spatial data gap and evaluate the potential presence of soil contamination associated AOC 2 – former auto repair shop. | NYSDEC Part 375/TCL VOCs, SVOCs, pesticides, PCBs, NYSDEC Part 375/TAL metals, hexavalent/trivalent chromium, and total cyanide. |

1 - As required by NYSDEC, soil samples were analyzed for the ECs 1,4-Dioxane and PFAS, which include the 41 compounds listed in accordance with the Sampling, Analysis, and Assessment of PFAS under NYSDEC's Part 375 Remedial Programs guidance document (NYSDEC April 2023 PFAS Guidance).

2 – Soil samples were analyzed for the following list of methods: NYSDEC Part 375 list and TCL VOCs via USEPA method 8260C, NYSDEC Part 375 list and TCL SVOCs via USEPA method 8270D, NYSDEC Part 375 list pesticides via USEPA method 8081B, NYSDEC Part 375 and TAL metals (including hexavalent chromium, trivalent chromium, and total cyanide) via USEPA methods 6020B/7470A/9010C/7196A, NYSDEC 1,4-dioxane via USEPA method 8270D, and NYSDEC method PFAS via USEPA method 1633A.

Soil samples were collected from the sample intervals and for the parameters summarized in the table above. During advancement of soil borings, the soil was inspected for evidence of contamination (visual and olfactory) and field screened continuously for organic vapors using a PID with a 10.6 eV lamp. Soil lithology was recorded according to the Unified Soil Classification System (USCS).

A total of 52 soil samples were analyzed as part of this RI. Three blind duplicate soil samples, three matrix spike (MS) soil samples, three matrix spike duplicate (MSD) soil samples, eight field blanks, and eight trip blanks were collected for QA/QC purposes. Additional details regarding sampling methods are provided in the QAPP/FSP in **Appendix E** of the RIWP.

## 3.4 Groundwater Investigation

To characterize onsite groundwater flow and groundwater quality, five permanent monitoring wells were installed for groundwater sampling and analysis. The RI monitoring well locations are provided in Figure 9. At least one groundwater monitoring well was installed in each of the four areas of AOCs as described in the table below:

| Groundwater Sample Locations | Rationale |
|---|---|
| ETMW-01 | Groundwater sample was collected in AOC 3 – former garage, welding, and boiler repair shop. |
| ETMW-02 | Groundwater sample was collected in AOC 4 – fill material |
| ETMW-03 | Groundwater sample was collected in AOC 1 - former filling station |
| ETMW-04 | Groundwater sample was collected in AOC 2 - former auto repair shop. |
| ETMW-05 | Groundwater sample was collected in AOC 2 - former auto repair shop. |

The monitoring wells were installed for groundwater sampling and analysis to delineate groundwater contamination, to provide a better understanding of onsite groundwater flow, and to fill groundwater quality data gaps from prior groundwater investigations. The monitoring wells were installed using a GeoprobeTM 7822DT and CRS XL 140 DUO and constructed with 10 ft of 2-inch diameter, 0.02-inch slot polyvinyl chloride (PVC) screen to bridge the water table. Additional monitoring well design details were provided in the QAPP/FSP in **Appendix E** of the RIWP.

The monitoring wells were developed following installation to establish a good hydraulic connection between the well column and the surrounding formation aquifer. On January 29, 2026, seven days following installation and development, a comprehensive water-level gauging event occurred prior to groundwater sampling to characterize groundwater flow onsite. Groundwater in all five newly installed monitoring wells and monitoring well RX-08, previously installed by MCRE on June 27, 2022, was measured using an electronic oil-water

interface probe. Nonaqueous phase liquids (NAPL) were not observed in any of the groundwater monitoring wells. Groundwater sampling required two events to complete due to extreme cold temperatures experienced in late January/early February 2026. On January 29, 2026 and February 11, 2026 groundwater samples were collected for laboratory analysis. Field parameters (e.g., pH, dissolved oxygen, oxidation-reduction potential, turbidity, etc.) were collected using a water quality meter during monitoring well purging, prior to sampling. Field parameters were recorded on monitoring well sampling data forms (**Appendix E**). Following purging, a groundwater sample was collected from each newly installed monitoring well.

Five groundwater samples were collected for laboratory analysis. Additionally, one blind duplicate groundwater sample, one MS groundwater sample, one MSD groundwater sample, two field blanks, and two trip blanks were collected for QA/QC purposes. All groundwater samples were analyzed for the following list of parameters:

- NYSDEC Part 375/TCL VOCs via United States Environmental Protection Agency (USEPA) method 8260D;
- NYSDEC Part 375/TCL SVOCs via USEPA method 8270E;
- NYSDEC Part 375/TCL pesticides via USEPA method 8081B;
- NYSDEC Part 375/TCL PCBs via USEPA method 8082A;
- NYSDEC Part 375/TAL total and dissolved metals (including hexavalent chromium, trivalent chromium, and total cyanide) via USEPA method 6020B, 7470A, and 9012B; and
- ECs* via USEPA method 1633.

* As required by NYSDEC, groundwater samples will also be analyzed for the ECs 1,4-Dioxane and PFAS, which include the 41 compounds listed in the NYSDEC April 2023 Guidance.

## 3.5 Soil Vapor Investigation

Six soil vapor samples were collected during the RI at the locations shown on **Figure 9**. Soil vapor samples were collected from temporary soil vapor points installed utilizing the Geoprobe direct push drill rig to reach the target sample depth of 2 ft below the proposed redevelopment excavation depth at 14-16 ft bls, or 2-ft above bedrock, whichever was shallower. New Teflon®-lined polyethylene tubing was attached to a 6-inch stainless steel sample screen at each soil vapor sampling location. The soil vapor points were backfilled with #2 Morie sand to approximately 6-inches above the screen. A 1-foot thick layer of non-VOC containing and non-shrinking bentonite product was added to the top of the sand and left to hydrate. The remainder of the borehole was backfilled with soil cuttings to grade. A helium tracer gas test was performed on each soil vapor point to ensure the integrity of the vapor point seal prior to sampling in accordance with the procedures outlined in the NYSDOH SVI Guidance. All soil vapor points passed the helium tracer gas test before being purged of approximately two volumes of the tubing using a vacuum pump set at a rate of 0.2 liters per minute.

The vapor samples were collected using pre-cleaned (batch-certified) 6-liter summa canisters with regulators calibrated to collect samples over an eight-hour period. The soil vapor samples were collected for laboratory analysis of TCL VOCs using United States Environmental Protection Agency (USEPA) Method TO-15. One blind duplicate soil vapor sample and one ambient air sample were collected for QA/QC purposes. Field parameters were recorded on vapor sampling forms and included in the **Appendix G** of the RIR.

## 3.6 Laboratory Analysis

All samples were collected in appropriate laboratory-provided containers and transported to a NYSDOH Environmental Laboratory Accreditation Program (ELAP)-certified laboratory, in ice-filled coolers under chain of custody procedures. Additional details regarding laboratory analyses are included in the FSP/QAPP in **Appendix E** of the RIWP.

Soil, groundwater, and soil vapor samples were collected and analyzed for the parameters listed in the above sections. All RI data was produced in accordance with NYSDEC Analytical Services Protocols (ASP) Category B deliverables and was reviewed and validated by Data Validation Services who prepared a DUSR before being incorporated into this RIR. All data was submitted to NYSDEC in electronic format, in accordance with DER10, Section 1.15.

## 3.7 Surveying Assessment

All newly installed RI monitoring wells were surveyed by a New York Licensed Surveyor to obtain horizontal and vertical coordinates and grade elevations. Measuring point elevations from newly installed monitoring wells were surveyed to enable groundwater flow contouring. Horizontal coordinates were based upon New York State Plane Coordinate System, Long Island Zone, North American Datum of 1983 (NAD 83) in US Survey Feet. Vertical elevations measured for top-of-casing (measuring point) and grade elevations were referenced to NAVD 88.

## 3.8 Community Air Monitoring Program

Roux implemented the CAMP during the entire subsurface investigation to prevent offsite migration of VOCs and particulates and protect potential offsite receptors. CAMP was conducted from January 12, 2026 through January 23, 2026, when intrusive activities were completed. The CAMP included the use of two air monitoring stations (one upwind and one downwind), each equipped with one PID and one particulate meter. No exceedances of VOCs or particulates were observed, and there were no required actions taken to mitigate dust or VOC levels at the Site. All CAMP reports were submitted via email to NYSDEC and NYSDOH with the daily reports during the RI implementation. Daily and CAMP reports from the RI implementation are provided in **Appendix D**.

## 3.9 Summary of Deviations from the RIWP

The following items constitute minor deviations from the Remedial Investigation Work Plan (RIWP). While these deviations did not affect the overall scope or objectives of the RI, they arose due to field conditions during the soil investigation and are documented below for completeness:

- **Shallow Bedrock Limiting Target Sampling Intervals:**
  Weathered bedrock was encountered at shallower depths than anticipated at some locations. For ETSB-01, bedrock refusal was observed at approximately 11 ft bls, and the 2-ft interval above bedrock was collected from 9-11 ft bls. Because the next sample interval according to the RIWP was 10-12 ft bls, the sample interval could not be shifted shallower so as to not overlap with either the 2-ft interval above bedrock or the 6-8 ft bls sample, and was therefore omitted. Similarly, bedrock was encountered shallower than expected at ETSB-06 (14 ft bls), ETSB-07 (13 ft bls), and ETSB-10 (13.5 ft bls). For these borings, the deepest sample was collected from the 2-ft interval directly above bedrock, and the 2-ft interval immediately shallower (planned 10–12 ft bls) was shifted upward as needed to prevent overlap and still provide full characterization of the soil column.

- **Samples Collecting Deeper Than Planned in the RIWP:**
  As specified in the RIWP, certain samples were collected and submitted to the laboratory with analysis on hold. Samples on hold were only analyzed if results from the interval directly above exceeded the UUSCOs. Although ETSB-08 was originally planned to be sampled only to 4 ft bls, soil recovered during the installation of collocated monitoring well ETMW-04 revealed staining, elevated PID readings, and petroleum odor at 5–7 ft bls. As a result, ETSB-08 (5–7) was collected for full RI analyses, with the exception of ECs, and two deeper intervals were collected and submitted on hold pending the analytical results from the 5–7 ft bls sample. Of these, only one sample interval was collected for analyses on hold; ETSB-08 (8–10) was analyzed based on exceedances of UUSCOs in the overlying interval.
- **Groundwater Sampling Event Dates:**
  The RI groundwater sampling required two events, on January 29, 2026 and February 11, 2026, to complete due to extreme cold temperatures experienced in late January/early February 2026.

## 3.10 Green and Sustainable Remediation

The DER-31 requires that green remediation concepts and techniques be considered during all stages of the remedial program, including investigation, with the goal of improving the sustainability of the cleanup and summarizing the net environmental benefit of any implemented green technology. The following best management practices were implemented during the RI:

- Local service providers, product suppliers and analytical laboratories were used and service and delivery schedules were consolidated;
- The nearest disposal facility for disposing of drummed non-hazardous waste will be used;
- The need for single-use disposal items was kept to a minimum;
- Travel was reduced through increased teleconferencing;
- PIDs for screening and SUMMA cannisters for soil vapor sampling were used to collect real-time data which are non-invasive or minimally invasive;
- Materials were reuse whenever possible;
- Vehicles and drilling equipment idling was minimized to reduce discharges of pollutants and greenhouse gases (GHGs) to the atmosphere;
- The use of generators, drilling equipment, and vehicles was limited to reduce emissions to the atmosphere;
- The investigation derived waste (IDW) generated was minimized by reusing soil/fill that does not exhibit visual, olfactory, or PID evidence of contamination to backfill boreholes after sampling;
- Truck travel will be minimized for disposal of IDW by selecting local disposal facilities;
- The environmental drillers used clean diesel equipment to reduce emissions to the atmosphere; and
- Public transportation was utilized whenever possible to access the site during implementation of the RI, to the extent practicable.

The GSR environmental footprint analysis is included as **Appendix K.** The GSR environmental footprint analysis is broken down into four components: site preparation, sample point installation, sample collection and Site survey, and waste disposal. A summary of the results for each component is detailed in the table below.

| Emissions and Energy Use | Site Preparation | Sample Point Installation | Sample Collection and Site Survey | Waste Disposal | Total |
|---|---|---|---|---|---|
| GHG Emissions (metric ton) | 0.17 | 2.30 | 9.20 | 0.11 | **11.79** |
| Total Energy Used (millions British thermal unit [MMBTU]) | 2.23 | 556 | 131 | 1.48 | **690.71** |
| Water Consumption (gallons) | 0 | 0 | 0 | 0 | **0** |
| Electricity Usage (megawatt hours [MWH] | 0 | 0 | 0 | 0 | **0** |
| Onsite NOx Emissions (metric tons) | 0 | 0.00205 | 0 | 0 | **0.00205** |
| Onsite SOx Emissions (metric ton) | 0 | 0.000205 | 0 | 0 | **0.000205** |
| Onsite PM10 Emissions (metric ton) | 0 | 0.000177 | 0 | 0 | **0.000177** |
| Total NOx Emissions (metric tons) | 0.0000588 | 0.00473 | 0.0426 | 0.0000364 | **0.0474252** |
| Total SOx Emissions (metric ton) | 0.00000221 | 0.0034 | 0.0319 | 0.00000144 | **0.03530365** |
| Total PM10 Emissions (metric ton) | 0.00000706 | 0.000643 | 0.00356 | 0.00000398 | **0.00421404** |
| Accident Risk Fatality | 0.00000377 | 0.0000326 | 0.00000593 | 0.00000141 | **0.00004371** |
| Accident Risk Injury | 0.000554 | 0.00522 | 0.000518 | 0.000291 | **0.006583** |

Based on the GSR environmental footprint analysis, the largest contribution to GHG emissions was during the sample collection and Site survey component with the majority of GHG emissions resulting from equipment and energy used for laboratory sample analyses. The most energy was associated with the sample point installation component, mostly due to the consumable materials required for monitoring well and soil vapor point installation. The onsite NOx, SOx, and PM10 emissions are generally very low and are associated with the equipment use during the sampling point installation component. Total NOx, SOx, and PM10 emissions are higher due to offsite transportation of equipment and personnel to travel to and from the Site, and emissions due to laboratory sample analyses. The accident risk fatality values and accident risk injury values are low due to the relatively short duration of the RI; however, the highest values are associated with the sample point installation component due to the highest duration of onsite time required compared to the other components. There was no water consumption or electricity usage during the RI implementation.

In order to minimize the GHG, NOx, SOx, and PM10 emission, the drill rig and generator were shut off when not in operation to reduce the idle time. In addition, the Geoprobe™ 7822DT and CRS XL 140 DUO drill rigs incorporate advanced emissions control technology, such as Diesel Particulate Filter (DPF) and qualifies as clean diesel equipment which reduced emissions to the atmosphere. To reduce the amount of non-hazardous waste produced during the RI, cuttings were returned to the borehole from which they were generated whenever possible. Additionally, the RI and Waste Characterization soil sampling occurred simultaneously to minimize the number of equipment and personnel mobilization to Site, and the overall run time of the equipment. Real time data was collected during the RI using a battery powered handheld PID for soil screening and SUMMA canisters for soil vapor sampling, which are minimally invasive. Additionally, when possible, public transportation was utilized by Roux personnel and subcontractors to get to and from Site. Due to the significant amount of time and days reduced onsite to complete the scope of work, the total amount of emissions for all components was reduced from the estimated values in the RIWP.

# 4. Remedial Investigation Results

The following section provides a summary of the geological and hydrogeological findings, and the soil, groundwater, and soil vapor quality data that were generated by Roux during the RI. Data tables with all the data generated during the RI are provided in **Tables 2** through **14**. Soil, groundwater, and soil vapor analytical results are summarized on **Figures 10** through **12**.

## 4.1 Geological and Hydrogeological Conditions

The following sections provide a description of the geological and hydrogeological findings of the Site as determined by performance of the RI. A hydrogeologic investigation was conducted in an effort to evaluate the subsurface conditions that could influence the nature and extent, possible migration, and remediation of contamination at the Site.

### 4.1.1 Local Geology and Stratigraphy

Based on the field observations during the previously investigations and RI implementation, the Site is underlain by fill (consisting of silt, sand, gravel, asphalt, brick, concrete, and wood) to maximum depths ranging from 1 to 7 ft bls. Beneath the fill layer, the observed lithology of the Site is comprised of silt, sand, gravel, and weathered bedrock. Top of weathered bedrock was encountered between 9 and 17 ft bls during the RI. Soil boring logs of the soil recovered as part of the RI are included in **Appendix H**. A geotechnical report prepared by MRCE dated June 27, 2022 noted that the shallowest depth that the top of weathered bedrock was observed at 7 ft bls at the Site and bedrock underlying the Site consists of Inwood Marble.

### 4.1.2 Site Hydrogeologic Setting

The land surface elevation is generally flat across the Site, at approximately 48 to 51 ft NAVD 88. According to water-level data collected as part of the RI from the permanent wells on January 23, 2026, the elevation of the water table surface at the Site ranges from 23.16 ft to 25.5 ft NAVD 88 or a depth of 25.28 to 27.54 ft bls, within weathered bedrock. Groundwater gauging data collected as part of the RI is summarized in **Table 1 and Figure 13**. Groundwater flow is generally to the northeast.

## 4.2 Remedial Investigation Sample Results

The following sections summarize soil and groundwater data that was generated by Roux during the RI. Data tables showing the sample data generated during these events are provided in **Tables 2** through **14**.

### 4.2.1 RI Soil Sampling Results

A total of 52 soil samples, three field duplicates, and three MS/MSD soil samples were analyzed from 11 soil boring locations and submitted for laboratory analysis. Site-wide analytical soil data was compared to the following NYSDEC Subpart 375-6 SCOs as noted in the RIWP in order to evaluate Site-wide soil quality and to determine contamination in soil, if present:

- NYSDEC UUSCOs;
- NYSDEC RRSCOs; and
- NYSDEC PGWSCOs.

Laboratory analytical data generated for soil is summarized in **Tables 2** through **7**. RI soil boring locations with soil sample exceedances of the NYSDEC Subpart 375-6 SCOs are shown on **Figure 9**.

A summary of soil quality results is provided in the below sections.

#### 4.2.1.1 Volatile Organic Compounds in Soil

A summary of the RI only VOC exceedances in the soil samples analyzed is provided below:

**VOC Exceedances of SCOs in Soil**

| Analyte | UUSCO (mg/kg) | Exceedances above UUSCOs | RRSCOs (mg/kg) | Exceedances above RRSCOs | PGWSCOs (mg/kg) | Exceedances above PGWSCOs | Range in Concentration Above SCOs (mg/kg) | Soil Sample with Maximum Detection |
|---|---|---|---|---|---|---|---|---|
| Acetone | 0.03 | 2 | 100 | - | 0.03 | 2 | 0.037 – 0.044 | ETSB-08 (8-10) |
| 1,2,4-Trimethylbenzene | 5.9 | 1 | 100 | 1 | 5.9 | 1 | 420 | ETSB-08 (5-7) |
| Ethylbenzene | 1 | 1 | 76 | - | 1 | 1 | 37 | ETSB-08 (5-7) |
| m,p-Xylene | 0.26 | 1 | 100 | - | 1.2 | 0 | 0.75 | ETSB-08 (5-7) |
| N-Butylbenzene | 18 | 1 | 100 | - | 18 | 1 | 35 | ETSB-08 (5-7) |
| N-Propylbenzene | 5 | 1 | 100 | - | 5 | 1 | 62 | ETSB-08 (5-7) |
| Xylenes | 0.26 | 1 | 100 | - | 1.2 | - | 0.75 | ETSB-08 (5-7) |

- No exceedances detected

Acetone is a typical laboratory artifact, and the detections are not indicative of Site soil conditions. Exceedances of all other analytes for VOCs during the RI were from soil boring ETSB-08 from 5-7 ft bls, located within AOC 2 – former auto repair shop.

#### 4.2.1.2 Semivolatile Organic Compounds in Soil

A summary of the RI only SVOC exceedances in the soil samples analyzed is provided below:

**SVOC Exceedances of SCOs in Soil**

| Analyte | UUSCO (mg/kg) | Exceedances above UUSCOs | RRSCOs (mg/kg) | Exceedances above RRSCOs | PGWSCOs (mg/kg) | Exceedances above PGWSCOs | Range in Concentration Above SCOs (mg/kg) | Soil Sample with Maximum Detection (ft bls) |
|---|---|---|---|---|---|---|---|---|
| Benzo(A)Anthracene | 1 | 3 | 1.4 | 3 | 1 | 3 | 3.2 – 31 | ETSB-03 (2-4) |
| Benzo(A)Pyrene | 1 | 3 | 1 | 3 | 22 | 1 | 4.1 – 24 | ETSB-03 (2-4) |
| Benzo(B)Fluoranthene | 1 | 3 | 1.4 | 3 | 2.1 | 3 | 6.1 – 33 | ETSB-03 (2-4) |
| Benzo(G,H,I)Perylene | 0.64 | 3 | 4.9 | 1 | 1000 | - | 2.5 – 15 | ETSB-03 (2-4) |
| Benzo(K)Fluoranthene | 0.8 | 3 | 4.9 | 1 | 2 | 3 | 2.2 – 12 | ETSB-03 (2-4) |
| Chrysene | 1 | 3 | 4.9 | 2 | 1 | 3 | 3.6-30 | ETSB-03 (2-4) |
| Dibenz(A,H)Anthracene | 0.33 | 3 | 0.33 | 3 | 1000 | - | 0.6 –4.7 | ETSB-03 (2-4) |
| Indeno(1,2,3-C,D)Pyrene | 0.5 | 3 | 1.4 | 3 | 6.6 | 1 | 2.5 – 17 | ETSB-03 (2-4) |
| Phenanthrene | 1.1 | 4 | 4.9 | 2 | 1000 | -- | 1.6-43 | ETSB-03 (2-4) |

- No exceedances detected
Sample counts above include exceedances in the duplicates

The SVOCs detected in soil are indicative of fill material associated with the building materials from the pre-1970 buildings which were demolished and were likely used as fill material to prepare the Site for the parking area.

#### 4.2.1.3 Metals in Soil

A summary of the metals exceedances in the soil samples analyzed is provided below:

**Metal Exceedances of SCOs in Soil**

| Analyte | UUSCO (mg/kg) | Exceedances above UUSCOs | RRSCOs (mg/kg) | Exceedances above RRSCOs | PGWSCOs (mg/kg) | Exceedances above PGWSCOs | Range in Concentration Above SCOs (mg/kg) | Soil Sample with Maximum Detection (ft bls) |
|---|---|---|---|---|---|---|---|---|
| Arsenic | 13 | 4 | 16 | 3 | 16 | 3 | 13.4 – 19.6 | ETSB-03 (0-2 in) |
| Cadmium | 2.5 | 1 | 2.5 | 1 | 7.5 | - | 3.6 | ETSB-04 (0-2 in) |
| Chromium III | 30 | 2 | 180 | - | - | - | 44.6 – 101 | ETSB-08 (0-2 in) |
| Chromium, Total | 30 | 2 | 180 | - | - | - | 44.6 – 101 | ETSB-08 (0-2 in) |
| Copper | 50 | 2 | 280 | 5 | 1720 | 1 | 87.5 – 103 | ETSB-04 (0-2 in) |
| Cyanide | 2.3 | 1 | 13 | - | 40 | - | 7.6 | ETSB-08 (5-7) |
| Lead | 63 | 8 | 400 | 1 | 450 | - | 67.7 – 448 | ETSB-06 (8-10) |
| Mercury | 0.18 | 4 | 0.3 | 2 | 0.73 | - | 0.22 – 0.36 | ETSB-02 (12-14) |
| Nickel | 30 | 1 | 320 | - | 130 | - | 63.8 | ETSB-04 (0-2 in) |
| Zinc | 109 | 8 | 6600 | - | 2480 | - | 116-453 | ETSB-04 (2-4) |

- No exceedances detected
Sample counts above include exceedances in the duplicates

The metals detected in soil are indicative of fill material associated with the building materials from the pre-1970 buildings which were demolished and were likely used as fill material to prepare the Site for the parking area.

#### 4.2.1.4 Polychlorinated Biphenyls in Soil

A summary of the PCB exceedance in soil sample ETSB-08 (5-7) is provided below:

| Analyte | UUSCO (mg/kg) | Exceedances above UUSCOs | RRSCOs (mg/kg) | Exceedances above RRSCOs | PGWSCOs (mg/kg) | Exceedances above PGWSCOs | Range in Concentration Above SCOs (mg/kg) | Soil Sample with Maximum Detection (ft bls) |
|---|---|---|---|---|---|---|---|---|
| PCBs | 0.1 | 1 | 1 | - | 3.2 | - | 0.16 | ETSB-08 (5-7) |

#### 4.2.1.5 Pesticides in Soil

A summary of the RI only pesticides exceedances in the soil samples analyzed is provided below:

**Pesticide Exceedances of SCOs in Soil**

| Analyte | UUSCO (mg/kg) | Exceedances above UUSCOs | RRSCOs (mg/kg) | Exceedances above RRSCOs | PGWSCOs (mg/kg) | Exceedances above PGWSCOs | Range in Concentration Above SCOs (mg/kg) | Soil Sample with Maximum Detection (ft bls) |
|---|---|---|---|---|---|---|---|---|
| P,P'-DDD | 0.0033 | 1 | 5 | - | 14 | - | 0.0087 | ETSB-08 (5-7) |
| P,P'-DDE | 0.0033 | 3 | 3.4 | - | 9.3 | - | 0.0045 J – 0.032 | ETSB-03 (0-2 in) |
| P,P'-DDT | 0.0033 | 6 | 3.8 | - | 135 | - | 0.0054 JP – 0.026 | ETSB—03 (0-2 in) |

- No exceedances detected
J – Estimated value
P – Concentration difference between the primary and confirmation column >40%; the lower result is reported

The pesticides detected in soil may be a result of historical pesticide application within the fill material associated with pre-1970 buildings which were demolished and were likely used as fill material to prepare the Site for the parking area.

#### 4.2.1.6 PFAS in Soil

There was one PFAS exceedances in the soil sample ETSB-04 (0-2).

| Analyte | UUSCO (mg/kg) | Exceedances above UUSCOs | RRSCOs (mg/kg) | Exceedances above RRSCOs | PGWSCOs (mg/kg) | Exceedances above PGWSCOs | Range in Concentration Above SCOs (mg/kg) | Soil Sample with Maximum Detection (ft bls) |
|---|---|---|---|---|---|---|---|---|
| Perfluorooctanesulfonic acid (PFOS) | 0.88 | 1 | 44 | - | 1 | 1 | 1.03 | ETSB-03 (2-4) |

- No exceedances detected

### 4.2.2 Groundwater Sampling Results

A total of five groundwater samples and one field duplicate groundwater sample, and one MS/MSD were collected during the RI from five permanent groundwater monitoring wells onsite. The Site-wide analytical groundwater data was compared to AWQSGVs for Class GA groundwater as noted in the RIWP in order to evaluate groundwater quality and to determine the contamination in groundwater, if present. However, it should be noted that the groundwater beneath the Site is not currently used as a drinking water source and will not be used in the future because drinking groundwater in New York City is prohibited without necessary water quality treatment as determined by the NYSDOH and New York City Department of Health and Mental Hygiene.

Field parameters measured during groundwater sampling purging activities are provided on field datasheets included in **Appendix F**. The field parameter data was reviewed to evaluate any potential anomalies in general groundwater chemistry that could potentially be influencing the groundwater sampling results. No anomalies were noted and the field parameters measured during purging appear to be consistent with values expected to occur in the natural environment.

Analytes that exceeded NYSDEC PGWSCOs in Site-wide soil were compared to analyte detections in Site-wide groundwater to assess whether, and to what extent, constituents detected in soil are impacting groundwater quality. An evaluation of groundwater detections is provided in the below sections.

Laboratory analytical data generated for groundwater is summarized in **Tables 8** through **13**. RI monitoring well locations with groundwater sample exceedances of the NYSDEC AWQSGVs are shown on **Figure 11**.

A summary of groundwater quality results is provided in the below sections.

#### 4.2.2.1 Volatile Organic Compounds in Groundwater

A summary of the RI only VOC exceedances in the groundwater samples analyzed is provided below:

| Analyte | AWQSGVs (ug/L) | Exceedances Above AWQSGVs | Exceedance Range (ug/L)* | Groundwater Sample with Maximum Exceedance |
|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | 5 | 2 | 150 - 180 | ETMW-04 |
| Chloroform | 7 | 3 | 20 - 22 | ETMW-01 & ETMW-03 |
| Ethylbenzene | 5 | 1 | 5.5 | ETMW-04 |
| m,p-Xylene | 5 | 2 | 5.8 - 7.8 | ETMW-04 |
| N-Propylbenzene | 5 | 2 | 8.5 - 10 | ETMW-04 |
| Xylenes | 5 | 2 | 7.1 - 9.7 | ETMW-04 |

Sample counts above include exceedances in the duplicates

Petroleum VOCs were detected exceeding UUSCOs, RRSCOs, and PGWSCOs in the parent and field duplicate samples collected from ETMW-04.

#### 4.2.2.2 Semivolatile Organic Compounds in Groundwater

There were no RI SVOC exceedances in the groundwater samples.

#### 4.2.2.3 Metals in Groundwater

A summary of the RI only metal exceedances in the groundwater samples analyzed is provided below:

| Analyte | AWQSGVs (ug/L) | Exceedances Above AWQSGVs | Exceedance Range (ug/L)* | Groundwater Sample with Maximum Exceedances |
|---|---|---|---|---|
| Total Iron | 300 | 1 | 542 - 710 | ETMW-05 |
| Total Magnesium | 35000 | 5 | 41200 - 68200 | ETMW-04 |
| Dissolved Magnesium | 35000 | 5 | 39300 - 65700 | ETMW-01 |
| Total Sodium | 20000 | 6 | 43900 - 107000 | ETMW-02 |
| Dissolved Sodium | 20000 | 6 | 52100 - 117000 | ETMW-04 |

Sample counts above include exceedances in the duplicates

The above metals are naturally occurring compounds in groundwater.

#### 4.2.2.4 Polychlorinated Biphenyls in Groundwater

PCBs were not detected in any RI groundwater samples.

### 4.2.2.5 Pesticides in Groundwater

Pesticides were not detected in any RI groundwater samples.

### 4.2.2.6 PFAS in Groundwater

A summary of the exceedances of the GVs for PFOS and PFOA collected during the RI are provided in the below table:

**PFAS Exceedances in Groundwater (in nanograms per liter [ng/L]**

| Analyte | AWQSGVs (ng/L) | Exceedances Above AWQSGVs | Exceedance Range (ng/L)* | Groundwater Sample with Maximum Detection |
|---|---|---|---|---|
| Perfluorooctanesulfonic Acid (PFOS) | 2.7 | 5 | 4.19 – 12.4 | ETMW-01 |
| Perfluorooctanoic Acid (PFOA) | 6.7 | 5 | 24.4 – 111 | ETMW-04 |

Sample counts above include exceedances in the duplicates.

PFAS was only observed in soil above the NYSDEC GVs in one sample in the 2-4 ft interval of ETSB-03, and there is no documented use of PFAS at the Site or known historical Site use that would indicate the past use of these compounds. Therefore, the presence of PFAS may be attributed to background levels of these compounds in New York City.

### 4.2.3 Soil Vapor Sampling Results

Laboratory analytical data generated for soil vapor is summarized in **Table 14**. Soil vapor monitoring point locations with soil vapor detections are shown on **Figure 12**.

A summary of all soil vapor detection from the samples collected during the RI are provided in the table below.

| Analyte | Detections | Range in Concentrations (µg/m$^3$) | Sample with Maximum Detection |
|---|---|---|---|
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 3 | 0.45 J – 0.48 J | AMB_012926_SV |
| 1,2,4-Trimethylbenzene | 1 | 9.5 | ETSV-04 |
| 1,2-Dichlorotetrafluoroethane | 2 | 2.4-3.3 | ETSV-06 |
| 1,3,5-Trimethylbenzene (Mesitylene) | 1 | 1.8 | ETSV-04 |
| 1,3-Butadiene | 1 | 0.19 J | ETSV-04 |
| 2,2,4-Trimethylpentane | 3 | 0.32 J – 230 | ETSV-04 |
| 2-Hexanone | 2 | 0.75 J – 0.79 J | ETSV-02 |
| 4-Ethyltoluene | 1 | 2 | ETSV-04 |
| Acetone | 8 | 6 J – 91 D | ETSV-05 |
| Benzene | 7 | 0.54 J – 1.2 | ETSV-06 |
| Butane | 8 | 2.6 - 12 | ETSV-05 |
| Carbon Disulfide | 7 | 0.76 J – 4.7 | ETSV-06 |
| Chloroform | 7 | 0.27 J – 2.8 | ETSV-04 |
| Chloromethane | 1 | 0.38 J | AMB_012926_SV |
| Cyclohexane | 5 | 0.68 J – 41 | ETSV-04 |
| Dichlorodifluoromethane | 8 | 2.4 J – 27 | ETSV-05 |

| Analyte | Detections | Range in Concentrations (µg/m$^3$) | Sample with Maximum Detection |
|---|---|---|---|
| Ethylbenzene | 1 | 2.9 | ETSV-04 |
| Isopropylbenzene (Cumene) | 1 | 0.62 J | ETSV-04 |
| m,p-Xylene | 2 | 0.61 J – 6.9 | ETSV-04 |
| Methyl Ethyl Ketone (2-Butanone) | 7 | 8.6 – 140 D | ETSV-05 |
| N-Heptane | 5 | 0.62 J – 1.8 | ETSV-04 |
| N-Propylbenzene | 1 | 1.7 | ETSV-04 |
| O-Xylene (1,2-Dimethylbenzene) | 1 | 2.9 | ETSV-04 |
| Tetrachloroethylene (PCE) | 3 | 4.2 - 7 | ETSV-06 |
| Toluene | 7 | 0.46 J – 1.5 | ETSV-06 |
| Trichloroethylene (TCE) | 2 | 3.1 – 5.2 | ETSV-05 |
| Trichlorofluoromethane | 6 | 1.1 – 5.5 | ETSV-04 |

Sample counts above include exceedances in the duplicates.
J – Estimated value
D – Concentration of analyte was quantified from diluted analysis; flag only applies to field samples that have detectable concentrations of the analyte

The concentrations of petroleum related VOCs, along with their presence in both soil and groundwater, indicate a likely onsite source of petroleum vapor impacts in the vicinity of ETSV04. In contrast, chlorinated VOCs were detected at low levels and were not observed in soil or groundwater, suggesting the Site does not contain an onsite source of CVOC impacts. The future building will be fully sealed with waterproofing/vapor barrier, which will mitigate any potential soil vapor intrusion.

### 4.2.4 Data Usability Summary and Field Duplicate Results

Data validation was performed on all data collected during the RI to determine whether the data, as presented, meets the Site-specific criteria for data quality and data use. Data qualifiers are included on the data tables. The laboratory reported the results for data in ASP Category B deliverable packages, which are provided as **Appendix I**. An electronic data deliverable (EDD) in the required NYSDEC format was/will be provided by the laboratory. A DUSR, in accordance with Appendix 2B of DER-10, is provided in **Appendix J**.

### 4.2.5 Investigation Derived Waste

Non-impacted soil cuttings were returned to the boreholes. Soil cuttings generated were returned to the borehole. Excess purged groundwater was drummed, labelled, and will be disposed of during the remedial action. One drum of non-hazardous groundwater and five drums of non-hazardous soil were generated. Onsite drums are staged onsite awaiting proper offsite disposal. All waste generated during the RI will be handled, transported, and disposed of in a manner consistent with Federal, State, and local laws and regulations.

# 5. Conceptual Site Model

The following section explains the occurrence of contaminants and their fate and transport at the Site in the context of the local Site stratigraphy and hydrogeology.

Based on the soil, groundwater, and soil vapor results discussed in Section 4.2, soil, groundwater, and soil vapor are impacted at the Site. The spatial distribution of contaminants of potential concern in various media is shown in **Figures 6** through **8**, and **Figures 10** through **12**.

As discussed in Section 4.2.1 and based on the Site-wide detections and exceedances of UUSCOs, RRSCOs, and PGWSCOs, soil at the Site is impacted with VOCs, SVOCs, and metals. Exceedances of SVOCs and metals are predominantly limited to the shallow soils within 0 - 7 ft bls where fill material is observed. Fil material is likely associated with pre-1970 buildings which were demolished and were likely used as fill material to prepare the Site for the parking area. The limited exceedances of VOCs include petroleum-related compounds and are likely associated with historical Site usage as an automobile repair garage (AOC-2).

As discussed in Section 4.2.2, groundwater is impacted with VOCs and metals. Groundwater collected from ETMW-04, which was co-located with boring ETSB-08, had similar exceedances of VOCs collected from soil in the same boring which would imply an onsite source of groundwater contamination. Additionally, metal exceedances for total and dissolved magnesium in every sample, total and dissolved sodium in all but one sample, and total iron in one sample are naturally occurring compounds in groundwater. Groundwater exceedance of the NYSDEC AWQSGVs were detected at the Site for PFOA and PFOS in all but one sample collected. PFAS was observed in one soil sample above the NYSDEC GVs at 2-4 ft bls, and there is no documented use of PFAS at the Site or known historical Site use that would indicate the past use of these compounds. Therefore, the presence of PFAS may be attributed to background levels of these compounds in New York City.

As discussed in Section 4.2.3, the concentrations of petroleum-related VOCs, along with their presence in both soil and groundwater, indicate a likely onsite source of petroleum vapor impacts in the vicinity of ETSV-04. In contrast, chlorinated VOCs were detected at low levels and were not observed in soil or groundwater, suggesting the Site does not contain an onsite source of CVOC impacts. The future building will be fully sealed with waterproofing/vapor barrier, which will mitigate any potential soil vapor intrusion.

# 6. Qualitative Human Health Exposure Assessment

As described in Appendix 3B of DER-10, *"The overall purpose of the Qualitative Human Health Exposure Assessment (or the exposure assessment) is to evaluate and document how people might be exposed to site related contaminants, and to identify and characterize the potentially exposed population(s) now and under the reasonably anticipated future use of the site."* The following section details the Qualitative Human Health Exposure Assessment based on data collected during the RI.

## 6.1 Soil Exposure

As described above in Section 4.2.1, soil samples collected during the RI indicated the presence of VOCs, SVOCs, metals, pesticides, PCBs, and PFAS at concentrations above the UUSCOs. An individual could be exposed to these contaminants through direct contact with Site soil during ground intrusive work at the Site. Direct contact without the use of proper PPE and personal hygiene measures could lead to dermal contact and incidental ingestion of these compounds. Since the Site is currently fully paved and will be fully fenced during construction activities, and access is controlled, potential contact with Site soil is restricted to remedial and construction contract workers at the Site performing ground intrusive activities in addition to trespassers and passersby (through potential particulate matter in the air). The general public will not be exposed to direct contact with Site soil. A CAMP and dust control measures (as needed) will be implemented during intrusive activities to minimize the potential for offsite exposures from soil/dust/vapor leaving the Site.

Substantial remedial excavation will occur to remove onsite contaminated soil. The proposed remedy described in the RAWP will include addressing impacted soil through excavation to 2 ft bls to meet the RRSCOs and installation of a Site cover system. Achievement of the Track 4 RRSCOs will be the goal and institutional controls (Site Management Plan [SMP] and environmental easement) will be put in place to the extent required to minimize the potential for exposure by direct contact with remaining contamination by both the public and any future construction workers performing ground intrusive activities at the Site.

## 6.2 Groundwater Exposure

As described above in Section 4.2.2, groundwater samples collected during the RI indicated the presence of VOCs, metals, and PFAS at concentrations above the AWQSGVs. Groundwater is not used for drinking or other potable purposes (the area is connected to the public water supply), and there is no direct contact with or ingestion of groundwater by the general public. Furthermore, no public water supply wells are located in the area surrounding the Site.

Individuals who perform groundwater sampling, or remedial activities may come into contact with contaminated groundwater. Proper PPE and personal hygiene measures will be required to prevent dermal contact and the potential for incidental ingestion of these compounds. Depth to groundwater onsite is 25.28 to 27.54 ft, within weathered bedrock, and it is not anticipated to be encountered during redevelopment.

The proposed onsite buildings will be serviced by public water supply. Based on this, there is no potential for public exposure by direct contact with contaminated groundwater.

## 6.3 Soil Vapor Exposure

The concentrations of petroleum related VOCs, along with their presence in both soil and groundwater, indicate a likely onsite source of petroleum vapor impacts in the vicinity of ETSV04. In contrast, chlorinated VOCs were detected at low levels and were not observed in soil or groundwater, suggesting the Site does not contain an onsite source of CVOC impacts. The future building will be fully sealed with waterproofing/vapor barrier, which will mitigate any potential soil vapor intrusion.

Individuals who perform ground intrusive work and passersby during the remedial action may be exposed to contaminated soil vapor. A CAMP and odor/vapor control measures (as needed) will be implemented during intrusive activities to minimize the potential for offsite exposures from vapors leaving the Site during the remedial action.

## 6.4 Exposure Assessment Summary

The following table summarizes the exposure assessment.

| Environmental Media and Exposure Route | Human Exposure Assessment |
|---|---|
| Direct contact with surface soils (and incidental ingestion) | • Direct contact with surface soils is minimal since the Site is predominantly paved with asphalt and concrete. Limited areas of landscaping include unpaved grassy areas with small shrub and trees.<br>• During remediation, remedial workers, trespassers, passersby, and utility workers could come into dermal contact with contaminated soil. Proper PPE and personal hygiene measures, as defined in the HASP, will be required to prevent dermal contact and the potential for incidental ingestion impacted soil during construction.<br>• Nearby sensitive receptors will not come into contact with Site surface soils as the Site is currently and will continue to be surrounded with construction fencing during remediation.<br>• Future building occupant's exposure will be eliminated though addressing contaminated soil as described in the RIR and RAWP. Substantial remedial excavation will occur to remove onsite contamination. The proposed remedy will be described in the RAWP and includes addressing impacted soil through excavation to meet the RRSCOs to a maximum depth of 2 ft bls and a Site cover system will be installed. |
| Direct contact with subsurface soils (and incidental ingestion) | • Construction and remedial contractors can come into contact with soil if they complete ground intrusive work at the Site. During remediation, remedial workers and utility workers could come into contact with contaminated soil contained in dust through dermal contact. Proper PPE and personal hygiene measures, as defined in the HASP, will be required to prevent dermal contact and the potential for incidental ingestion impacted soil during construction.<br>• Nearby sensitive receptors will not come into contact with Site subsurface soils as the Site is currently and will continue to be surrounded with construction fencing during remediation.<br>• Future building occupant's exposure will be eliminated though addressing contaminated soil as described in the RIR and RAWP. Substantial remedial excavation will occur to remove onsite contamination. The proposed remedy will be described in the RAWP and includes addressing impacted soil through excavation to meet the RRSCOs to a maximum depth of 2 ft bls and a Site cover system will be installed. |

| Environmental Media and Exposure Route | Human Exposure Assessment |
|---|---|
| Ingestion of groundwater | • Groundwater is not and will not be used for drinking water, as any future buildings proposed on the Site will be connected to the public water supply.<br>• A SMP and environmental easement will be put in place to the extent required to minimize the potential for exposure by direct contact with remaining contamination by both the public and any future construction workers performing ground intrusive activities at the Site. |
| Direct contact with groundwater (and incidental ingestion) | • Remedial workers, trespassers, and utility workers could come into contact with contaminated groundwater through dermal contact and incidental ingestion during ground intrusive work.<br>• Nearby sensitive receptors will not encounter Site groundwater as the Site is currently and will continue to be surrounded with construction fencing during remediation. Proper PPE and personal hygiene measures, as defined in the HASP, will be required to prevent dermal contact and the potential for incidental ingestion impacted groundwater during construction.<br>• Future exposure to Site groundwater will be eliminated by the presence of the redevelopment that covers the entire Site. An environmental easement will be placed on the Site to prevent use of groundwater without DEC/DOH approval. |
| Inhalation of air (exposures related to soil vapor intrusion) | • Remedial workers, trespassers, sensitive receptors, and utility workers may be exposed to contaminated soil vapor or dust during ground intrusive activities. Soil vapor and dust exposures to workers, passersby, and nearby sensitive receptors during the remedial action and future ground intrusive activities will be reduced or eliminated through implementation of the HASP, CAMP, and dust suppressant and odor/vapor controls during construction.<br>• A soil vapor intrusion evaluation will be completed based on the soil vapor data collected onsite. The evaluation will be summarized in the FER and include a desktop review of all onsite analytical data relative to the future uses of the property. The future building will be fully sealed with waterproofing/vapor barrier, which will mitigate any potential soil vapor intrusion. |

# 7. Summary

In summary, the data generated during the RI indicate the following about Site-wide conditions:

- Based on the field observations during the RI implementation, the Site is underlain by fill (consisting of silt, sand, gravel, brick, wood, asphalt, and concrete) to depths ranging from 1 to 7 ft bls. During the Remedial Investigation, soil borings reached a maximum depth of 4 to 32 ft bls and weathered bedrock was encountered at depths ranging from 9 and 17 ft bls. A geotechnical report prepared by MRCE dated June 27, 2022 noted weathered bedrock was observed at the shallowest depth of 7 ft bls at the Site and bedrock underly the Site consists of Inwood Marble.
- According to water-level data collected as part of the RI from the permanent wells on January 23, 2026, the elevation of the water table surface at the Site ranges from 23.16 ft to 25.5 ft NAVD 88 or a depth of 25.28 to 27.54 ft bls, within weathered bedrock. Groundwater flow is generally to the northeast.
- Petroleum VOCs were detected in soil at concentrations exceeding UUSCOs, RRSCOs and PGWSCOs at soil boring ETSB-08 from 5-7 ft bls. Soil at ETSB-08 revealed staining, elevated PID readings, and petroleum odor from 5-7 ft bls. Staining and petroleum VOCs were not exceeding UUSCOs at ETSB-08 from 8-10 ft bls. Collocated groundwater monitoring well ETMW-04 and closely installed temporary soil vapor point ETSV-04 revealed similar petroleum VOC exceedance of AWQSGVs in groundwater and detections in soil vapor. ETSB-08, ETMW-04 and ETSV-04 were installed within AOC 2 – former automobile repair shop, and petroleum VOCs are likely related to the historic use. Acetone was detected above UUSCOs and PGWSCOs in two soil samples. Acetone is a typical laboratory artifact, and the detections are not indicative of Site soil conditions.
- SVOCs were detected at concentrations above the UUSCOs, RRSCOs, and PGWSCOs in the fill material present across the Site in three samples, two of which were from 0-2 inches bls and one from 2-4 ft bls. No SVOCs were detected in groundwater samples at concentrations above the AWQSGVs. This data indicates that SVOCs in soil are related to the presence of fill material likely from historic buildings demolished in place and are not impacting groundwater.
- Metals were detected in soil at concentrations above the UUSCOs, RRSCOs, and PGWSCOs across the Site. Arsenic, cadmium, chromium, copper, cyanide, lead, mercury, nickel, and zinc were detected at concentrations above the UUSCOs. Arsenic, cadmium, lead, and mercury were detected at concentrations exceeding their applicable RRSCOs. Metals contamination, with the exception of the mercury exceedance of the UUSCO and RRSCO in the field duplicate sample from soil boring ETSB-02 from 12-14 ft bls, are exclusively detected within the fill material likely from historic buildings demolished in place at the Site. None of the exceedances in soil were detected in concentrations above the PGWSCOs in total or dissolved groundwater samples indicating that metals in soil are not a source of groundwater contamination. Iron, total and dissolved magnesium, and total and dissolved sodium were detected at concentrations above the AWQSGVs. All three compounds are naturally occurring in groundwater.
- PCBs were detected in one soil sample above the UUSCO at soil boring ETSB-08 from 5-7 ft bls likely related to the AOC 2 – former automobile repair shop. PCBs were not detected in groundwater samples indicating that PCBs are not a source of groundwater contamination.
- Pesticides were detected in three samples at concentrations exceeding the UUSCOs, but none were present in exceedance of their applicable RRSCOs or PGWSCOs, and pesticides were not detected in groundwater. Therefore, pesticides in soil are not a source of groundwater contamination at the Site.
- PFAS compounds were detected above the UUSCO and PGWSCO in one shallow soil sample ETSB-03 from 2-4 ft bls. PFOS and PFOA were detected in groundwater above the AWQSGVs for all but one sample. Based on concentrations detected during the RI, the presence of PFAS in groundwater is most likely due to background levels of these compounds ubiquitous to the New York City area.

Petroleum-related and chlorinated VOCs were detected in soil vapor samples at relatively low levels across the Site. Other than petroleum-related VOCs in the AOC 2 – former automobile repair shop, the relatively low-level concentrations of petroleum-related and chlorinated VOCs, combined with the absence of these compounds in groundwater and soil outside of AOC-2, indicate it is unlikely there is an onsite source of soil vapor impacts in the location of the future building. The future building will be fully sealed with waterproofing/vapor barrier, which will mitigate any potential soil vapor intrusion.

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**Table 1. Groundwater Gauging Data, 310 East 161st Street, Bronx, New York**

| Monitoring Well Identification | Date | Time | Approximate Top of Casing Elevation (ft-NAVD 88) | Depth to Water (ft-btoc) | Depth to Bottom (ft bls) | Groundwater Elevation (ft NAVD 88) |
|---|---|---|---|---|---|---|
| ETMW-01 | 1/29/2026 | 7:15:00 AM | 51.09 | 25.87 | 31.89 | 25.22 |
| ETMW-02 | 1/29/2026 | 7:20:00 AM | 50.59 | 25.28 | 30.25 | 25.31 |
| ETMW-03 | 1/29/2026 | 7:05:00 AM | 49.11 | 25.95 | 33.12 | 23.16 |
| ETMW-04 | 1/29/2026 | 7:30:00 AM | 51.93 | 27.54 | 29.83 | 24.39 |
| ETMW-05 | 1/29/2026 | 7:10:00 AM | 50.16 | 25.80 | 28.59 | 24.36 |
| RX-8G | 1/29/2026 | 7:25:00 AM | 50.92 | 25.42 | 28.09 | 25.50 |

ft = feet
bls = below land surface
btoc = below top of casing
NAVD 88 - North American Vertical Datum of 1988

| Notes Utilized Throughout Tables | |
|---|---|
| **Soil Tables** | |
| J - | Estimated value |
| U - | The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit |
| P - | Concentration difference between the primary and confirmation column >40%. The lower result is reported |
| T - | Indicates that a quality control parameter has exceeded laboratory limits |
| bls - | Below land surface |
| FD - | Duplicate sample |
| mg/kg - | Milligrams per kilogram |
| µg/kg - | Micrograms per kilogram |
| NYSDEC - | New York State Department of Environmental Conservation |
| SCO - | Soil Cleanup Objectives |
| -- | No SCO available |
| Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use SCO | |
| Shaded data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO | |
| Red data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater SCO | |
| **Groundwater Tables** | |
| J - | Estimated Value |
| U - | The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit |
| T - | Indicates that a quality control parameter has exceeded laboratory limits |
| FD - | Duplicate |
| NA - | Compound was not analyzed for by laboratory |
| µg/L - | Micrograms per liter |
| ng/L - | Nanogram per liter |
| NYSDEC - | New York State Department of Environmental Conservation |
| AWQSGVs - | Ambient Water-Quality Standards and Guidance Values |
| -- | No NYSDEC AWQSGV available |
| Bold data indicates that parameter was detected above the NYSDEC AWQSGVs | |
| **Soil Vapor/Ambient Air** | |
| J - | Estimated value |
| U - | The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit |
| D - | Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte |
| FD - | Duplicate sample |
| ug/m3 - | Micrograms per cubic meter |
| Bold data indicates that parameter was detected | |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: ETSB-01 | Sample Date: 01/14/2026 | Sample Depth (bls): 2 - 6 in | Normal Sample or Field Duplicate: N |
|---|---|---|---|---|---|---|---|---|
| | | | | | ETSB-01 | ETSB-01 | ETSB-01 | |
| | | | | | 01/14/2026 | 01/14/2026 | 01/14/2026 | |
| | | | | | 2 - 4 ft | 2 - 4 ft | 2 - 4 ft | |
| | | | | | N | N | FD | |
| 1,1,1-Trichloroethane (TCA) | 0.68 | 100 | 0.68 | MG/KG | 0.0012 UT | 0.00083 UT | 0.0011 U | |
| 1,1,2,2-Tetrachloroethane | -- | -- | -- | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | -- | -- | -- | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U | |
| 1,1,2-Trichloroethane | -- | -- | -- | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U | |
| 1,1-Dichloroethane | 0.27 | 47 | 0.27 | MG/KG | 0.0012 UT | 0.00083 UT | 0.0011 U | |
| 1,1-Dichloroethene | 0.24 | 0.98 | 0.33 | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U | |
| 1,2,3-Trichlorobenzene | -- | -- | -- | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U | |
| 1,2,4-Trichlorobenzene | -- | -- | -- | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U | |
| 1,2,4-Trimethylbenzene | **5.9** | 100 | 5.9 | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U | |
| 1,2-Dibromo-3-Chloropropane | -- | -- | -- | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U | |
| 1,2-Dibromoethane (Ethylene Dibromide) | -- | -- | -- | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U | |
| 1,2-Dichlorobenzene | 1.1 | 100 | 1.1 | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U | |
| 1,2-Dichloroethane | 0.02 | 5.8 | 0.02 | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U | |
| 1,2-Dichloropropane | -- | -- | -- | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U | |
| 1,3,5-Trimethylbenzene (Mesitylene) | 3.1 | 100 | 3.1 | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U | |
| 1,3-Dichlorobenzene | 2.6 | 38 | 2.6 | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U | |
| 1,4-Dichlorobenzene | 1.8 | 24 | 1.8 | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U | |
| 2-Hexanone | -- | -- | -- | MG/KG | 0.0062 U | 0.0042 U | 0.0055 U | |
| Acetone | **0.03** | 100 | 0.03 | MG/KG | 0.016 | 0.0057 | 0.01 | |
| Benzene | 0.06 | 3.7 | 0.06 | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U | |
| Bromochloromethane | -- | -- | -- | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U | |
| Bromodichloromethane | -- | -- | -- | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U | |
| Bromoform | -- | -- | -- | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U | |
| Bromomethane | -- | -- | -- | MG/KG | 0.0025 U | 0.0017 U | 0.0022 U | |
| Carbon Disulfide | -- | -- | -- | MG/KG | 0.0012 UT | 0.00083 UT | 0.0011 U | |
| Carbon Tetrachloride | 0.76 | 7.1 | 0.76 | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U | |
| Chlorobenzene | 4.5 | 100 | 4.5 | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U | |
| Chloroethane | -- | -- | -- | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U | |
| Chloroform | 0.37 | 24 | 0.37 | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U | |
| Chloromethane | -- | -- | -- | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U | |
| Cis-1,2-Dichloroethylene | 0.19 | 41 | 0.19 | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U | |
| Cis-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U | |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-01 | ETSB-01 | ETSB-01 |
| | | | | Sample Date: | 01/14/2026 | 01/14/2026 | 01/14/2026 |
| | | | | Sample Depth (bls): | 2 - 6 in | 2 - 4 ft | 2 - 4 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | FD |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Cyclohexane | -- | -- | -- | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U |
| Dibromochloromethane | -- | -- | -- | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U |
| Dichlorodifluoromethane | -- | -- | -- | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U |
| Ethylbenzene | **1** | 76 | 1 | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U |
| Isopropylbenzene (Cumene) | -- | -- | -- | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U |
| m,p-Xylene | **0.26** | 100 | 1.2 | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U |
| Methyl Acetate | -- | -- | -- | MG/KG | 0.0062 U | 0.0042 U | 0.0055 U |
| Methyl Ethyl Ketone (2-Butanone) | 0.1 | 100 | 0.1 | MG/KG | 0.0062 U | 0.0042 U | 0.0055 U |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | -- | -- | -- | MG/KG | 0.0062 U | 0.0042 U | 0.0055 U |
| Methylcyclohexane | -- | -- | -- | MG/KG | 0.0012 UT | 0.00083 UT | 0.0011 U |
| Methylene Chloride | 0.05 | 81 | 0.05 | MG/KG | 0.0025 UT | 0.0017 UT | 0.0022 U |
| N-Butylbenzene | **18** | 100 | 18 | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U |
| N-Propylbenzene | **5** | 100 | 5 | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U |
| O-Xylene (1,2-Dimethylbenzene) | 0.26 | 100 | 1.2 | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U |
| Sec-Butylbenzene | 25 | 100 | 25 | MG/KG | 0.0012 U | 0.00083 U | 0.0011 UT |
| Styrene | -- | -- | -- | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U |
| T-Butylbenzene | 11 | 100 | 11 | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U |
| Tert-Butyl Methyl Ether | 0.1 | 100 | 0.1 | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U |
| Tetrachloroethylene (PCE) | 1.3 | 18 | 1.3 | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U |
| Toluene | 0.7 | 100 | 0.7 | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U |
| Trans-1,2-Dichloroethene | 0.19 | 100 | 0.19 | MG/KG | 0.0012 UT | 0.00083 UT | 0.0011 U |
| Trans-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U |
| Trichloroethylene (TCE) | 0.47 | 6.4 | 0.47 | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U |
| Trichlorofluoromethane | -- | -- | -- | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U |
| Vinyl Chloride | 0.03 | 0.48 | 0.03 | MG/KG | 0.0012 U | 0.00083 U | 0.0011 U |
| Xylenes | **0.26** | 100 | 1.2 | MG/KG | 0.0025 U | 0.0017 U | 0.0022 U |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-01 | ETSB-01 | ETSB-02 |
| | | | | Sample Date: | 01/14/2026 | 01/14/2026 | 01/16/2026 |
| | | | | Sample Depth (bls): | 6 - 8 ft | 9 - 11 ft | 2 - 6 in |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| 1,1,1-Trichloroethane (TCA) | 0.68 | 100 | 0.68 | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| 1,1,2,2-Tetrachloroethane | -- | -- | -- | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | -- | -- | -- | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| 1,1,2-Trichloroethane | -- | -- | -- | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| 1,1-Dichloroethane | 0.27 | 47 | 0.27 | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| 1,1-Dichloroethene | 0.24 | 0.98 | 0.33 | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| 1,2,3-Trichlorobenzene | -- | -- | -- | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| 1,2,4-Trichlorobenzene | -- | -- | -- | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| 1,2,4-Trimethylbenzene | **5.9** | 100 | 5.9 | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| 1,2-Dibromo-3-Chloropropane | -- | -- | -- | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| 1,2-Dibromoethane (Ethylene Dibromide) | -- | -- | -- | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| 1,2-Dichlorobenzene | 1.1 | 100 | 1.1 | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| 1,2-Dichloroethane | 0.02 | 5.8 | 0.02 | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| 1,2-Dichloropropane | -- | -- | -- | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | 3.1 | 100 | 3.1 | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| 1,3-Dichlorobenzene | 2.6 | 38 | 2.6 | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| 1,4-Dichlorobenzene | 1.8 | 24 | 1.8 | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| 2-Hexanone | -- | -- | -- | MG/KG | 0.0055 U | 0.0054 U | 0.0054 U |
| Acetone | **0.03** | 100 | 0.03 | MG/KG | 0.0082 | 0.0065 U | 0.0071 |
| Benzene | 0.06 | 3.7 | 0.06 | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| Bromochloromethane | -- | -- | -- | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| Bromodichloromethane | -- | -- | -- | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| Bromoform | -- | -- | -- | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| Bromomethane | -- | -- | -- | MG/KG | 0.0022 U | 0.0022 U | 0.0022 U |
| Carbon Disulfide | -- | -- | -- | MG/KG | 0.0011 U | 0.0011 U | 0.0011 UT |
| Carbon Tetrachloride | 0.76 | 7.1 | 0.76 | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| Chlorobenzene | 4.5 | 100 | 4.5 | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| Chloroethane | -- | -- | -- | MG/KG | 0.0011 U | 0.0011 U | 0.0011 UT |
| Chloroform | 0.37 | 24 | 0.37 | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| Chloromethane | -- | -- | -- | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| Cis-1,2-Dichloroethylene | 0.19 | 41 | 0.19 | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| Cis-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-01 | ETSB-01 | ETSB-02 |
| | | | | Sample Date: | 01/14/2026 | 01/14/2026 | 01/16/2026 |
| | | | | Sample Depth (bls): | 6 - 8 ft | 9 - 11 ft | 2 - 6 in |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Cyclohexane | -- | -- | -- | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| Dibromochloromethane | -- | -- | -- | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| Dichlorodifluoromethane | -- | -- | -- | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| Ethylbenzene | **1** | 76 | 1 | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| Isopropylbenzene (Cumene) | -- | -- | -- | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| m,p-Xylene | **0.26** | 100 | 1.2 | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| Methyl Acetate | -- | -- | -- | MG/KG | 0.0055 U | 0.0054 U | 0.0054 U |
| Methyl Ethyl Ketone (2-Butanone) | 0.1 | 100 | 0.1 | MG/KG | 0.0055 U | 0.0054 U | 0.0054 U |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | -- | -- | -- | MG/KG | 0.0055 U | 0.0054 U | 0.0054 U |
| Methylcyclohexane | -- | -- | -- | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| Methylene Chloride | 0.05 | 81 | 0.05 | MG/KG | 0.0022 U | 0.0022 U | 0.0022 U |
| N-Butylbenzene | **18** | 100 | 18 | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| N-Propylbenzene | **5** | 100 | 5 | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| O-Xylene (1,2-Dimethylbenzene) | 0.26 | 100 | 1.2 | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| Sec-Butylbenzene | 25 | 100 | 25 | MG/KG | 0.0011 UT | 0.0011 UT | 0.0011 UT |
| Styrene | -- | -- | -- | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| T-Butylbenzene | 11 | 100 | 11 | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| Tert-Butyl Methyl Ether | 0.1 | 100 | 0.1 | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| Tetrachloroethylene (PCE) | 1.3 | 18 | 1.3 | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| Toluene | 0.7 | 100 | 0.7 | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| Trans-1,2-Dichloroethene | 0.19 | 100 | 0.19 | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| Trans-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| Trichloroethylene (TCE) | 0.47 | 6.4 | 0.47 | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| Trichlorofluoromethane | -- | -- | -- | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| Vinyl Chloride | 0.03 | 0.48 | 0.03 | MG/KG | 0.0011 U | 0.0011 U | 0.0011 U |
| Xylenes | **0.26** | 100 | 1.2 | MG/KG | 0.0022 U | 0.0022 U | 0.0022 U |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-02 | ETSB-02 | ETSB-02 |
| | | | | Sample Date: | 01/16/2026 | 01/16/2026 | 01/16/2026 |
| | | | | Sample Depth (bls): | 2 - 4 ft | 12 - 14 ft | 12 - 14 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | FD |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| 1,1,1-Trichloroethane (TCA) | 0.68 | 100 | 0.68 | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| 1,1,2,2-Tetrachloroethane | -- | -- | -- | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | -- | -- | -- | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| 1,1,2-Trichloroethane | -- | -- | -- | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| 1,1-Dichloroethane | 0.27 | 47 | 0.27 | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| 1,1-Dichloroethene | 0.24 | 0.98 | 0.33 | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| 1,2,3-Trichlorobenzene | -- | -- | -- | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| 1,2,4-Trichlorobenzene | -- | -- | -- | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| 1,2,4-Trimethylbenzene | **5.9** | 100 | 5.9 | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| 1,2-Dibromo-3-Chloropropane | -- | -- | -- | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| 1,2-Dibromoethane (Ethylene Dibromide) | -- | -- | -- | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| 1,2-Dichlorobenzene | 1.1 | 100 | 1.1 | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| 1,2-Dichloroethane | 0.02 | 5.8 | 0.02 | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| 1,2-Dichloropropane | -- | -- | -- | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | 3.1 | 100 | 3.1 | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| 1,3-Dichlorobenzene | 2.6 | 38 | 2.6 | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| 1,4-Dichlorobenzene | 1.8 | 24 | 1.8 | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| 2-Hexanone | -- | -- | -- | MG/KG | 0.0049 U | 0.0056 U | 0.0055 U |
| Acetone | **0.03** | 100 | 0.03 | MG/KG | 0.0058 J | 0.0067 U | 0.0065 U |
| Benzene | 0.06 | 3.7 | 0.06 | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| Bromochloromethane | -- | -- | -- | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| Bromodichloromethane | -- | -- | -- | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| Bromoform | -- | -- | -- | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| Bromomethane | -- | -- | -- | MG/KG | 0.002 U | 0.0022 U | 0.0022 U |
| Carbon Disulfide | -- | -- | -- | MG/KG | 0.00099 UT | 0.0011 UT | 0.0011 UT |
| Carbon Tetrachloride | 0.76 | 7.1 | 0.76 | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| Chlorobenzene | 4.5 | 100 | 4.5 | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| Chloroethane | -- | -- | -- | MG/KG | 0.00099 UT | 0.0011 UT | 0.0011 UT |
| Chloroform | 0.37 | 24 | 0.37 | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| Chloromethane | -- | -- | -- | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| Cis-1,2-Dichloroethylene | 0.19 | 41 | 0.19 | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| Cis-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-02 | ETSB-02 | ETSB-02 |
| | | | | Sample Date: | 01/16/2026 | 01/16/2026 | 01/16/2026 |
| | | | | Sample Depth (bls): | 2 - 4 ft | 12 - 14 ft | 12 - 14 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | FD |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Cyclohexane | -- | -- | -- | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| Dibromochloromethane | -- | -- | -- | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| Dichlorodifluoromethane | -- | -- | -- | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| Ethylbenzene | **1** | 76 | 1 | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| Isopropylbenzene (Cumene) | -- | -- | -- | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| m,p-Xylene | **0.26** | 100 | 1.2 | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| Methyl Acetate | -- | -- | -- | MG/KG | 0.0049 U | 0.0056 U | 0.0055 U |
| Methyl Ethyl Ketone (2-Butanone) | 0.1 | 100 | 0.1 | MG/KG | 0.0049 U | 0.0056 U | 0.0055 U |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | -- | -- | -- | MG/KG | 0.0049 U | 0.0056 U | 0.0055 U |
| Methylcyclohexane | -- | -- | -- | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| Methylene Chloride | 0.05 | 81 | 0.05 | MG/KG | 0.002 U | 0.0022 U | 0.0022 U |
| N-Butylbenzene | **18** | 100 | 18 | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| N-Propylbenzene | **5** | 100 | 5 | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| O-Xylene (1,2-Dimethylbenzene) | 0.26 | 100 | 1.2 | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| Sec-Butylbenzene | 25 | 100 | 25 | MG/KG | 0.00099 UT | 0.0011 UT | 0.0011 UT |
| Styrene | -- | -- | -- | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| T-Butylbenzene | 11 | 100 | 11 | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| Tert-Butyl Methyl Ether | 0.1 | 100 | 0.1 | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| Tetrachloroethylene (PCE) | 1.3 | 18 | 1.3 | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| Toluene | 0.7 | 100 | 0.7 | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| Trans-1,2-Dichloroethene | 0.19 | 100 | 0.19 | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| Trans-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| Trichloroethylene (TCE) | 0.47 | 6.4 | 0.47 | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| Trichlorofluoromethane | -- | -- | -- | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| Vinyl Chloride | 0.03 | 0.48 | 0.03 | MG/KG | 0.00099 U | 0.0011 U | 0.0011 U |
| Xylenes | **0.26** | 100 | 1.2 | MG/KG | 0.002 U | 0.0022 U | 0.0022 U |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-03 | ETSB-03 | ETSB-03 |
| | | | | Sample Date: | 01/15/2026 | 01/15/2026 | 01/15/2026 |
| | | | | Sample Depth (bls): | 2 - 6 in | 2 - 4 ft | 6 - 8 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| 1,1,1-Trichloroethane (TCA) | 0.68 | 100 | 0.68 | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| 1,1,2,2-Tetrachloroethane | -- | -- | -- | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | -- | -- | -- | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| 1,1,2-Trichloroethane | -- | -- | -- | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| 1,1-Dichloroethane | 0.27 | 47 | 0.27 | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| 1,1-Dichloroethene | 0.24 | 0.98 | 0.33 | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| 1,2,3-Trichlorobenzene | -- | -- | -- | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| 1,2,4-Trichlorobenzene | -- | -- | -- | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| 1,2,4-Trimethylbenzene | **5.9** | 100 | 5.9 | MG/KG | 0.00092 U | 0.005 | 0.00081 U |
| 1,2-Dibromo-3-Chloropropane | -- | -- | -- | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| 1,2-Dibromoethane (Ethylene Dibromide) | -- | -- | -- | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| 1,2-Dichlorobenzene | 1.1 | 100 | 1.1 | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| 1,2-Dichloroethane | 0.02 | 5.8 | 0.02 | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| 1,2-Dichloropropane | -- | -- | -- | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | 3.1 | 100 | 3.1 | MG/KG | 0.00038 J | 0.0011 | 0.00028 J |
| 1,3-Dichlorobenzene | 2.6 | 38 | 2.6 | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| 1,4-Dichlorobenzene | 1.8 | 24 | 1.8 | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| 2-Hexanone | -- | -- | -- | MG/KG | 0.0046 U | 0.0042 U | 0.0041 U |
| Acetone | **0.03** | 100 | 0.03 | MG/KG | 0.0055 U | 0.015 | 0.0097 |
| Benzene | 0.06 | 3.7 | 0.06 | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| Bromochloromethane | -- | -- | -- | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| Bromodichloromethane | -- | -- | -- | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| Bromoform | -- | -- | -- | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| Bromomethane | -- | -- | -- | MG/KG | 0.0018 U | 0.0017 U | 0.0016 U |
| Carbon Disulfide | -- | -- | -- | MG/KG | 0.00092 UT | 0.00083 U | 0.00081 UT |
| Carbon Tetrachloride | 0.76 | 7.1 | 0.76 | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| Chlorobenzene | 4.5 | 100 | 4.5 | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| Chloroethane | -- | -- | -- | MG/KG | 0.00092 UT | 0.00083 U | 0.00081 UT |
| Chloroform | 0.37 | 24 | 0.37 | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| Chloromethane | -- | -- | -- | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| Cis-1,2-Dichloroethylene | 0.19 | 41 | 0.19 | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| Cis-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-03 | ETSB-03 | ETSB-03 |
| | | | | Sample Date: | 01/15/2026 | 01/15/2026 | 01/15/2026 |
| | | | | Sample Depth (bls): | 2 - 6 in | 2 - 4 ft | 6 - 8 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Cyclohexane | -- | -- | -- | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| Dibromochloromethane | -- | -- | -- | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| Dichlorodifluoromethane | -- | -- | -- | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| Ethylbenzene | **1** | 76 | 1 | MG/KG | 0.00092 U | 0.0012 | 0.00081 U |
| Isopropylbenzene (Cumene) | -- | -- | -- | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| m,p-Xylene | **0.26** | 100 | 1.2 | MG/KG | 0.0007 J | 0.0052 | 0.00081 U |
| Methyl Acetate | -- | -- | -- | MG/KG | 0.0046 U | 0.0042 U | 0.0041 U |
| Methyl Ethyl Ketone (2-Butanone) | 0.1 | 100 | 0.1 | MG/KG | 0.0046 U | 0.0042 U | 0.0041 U |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | -- | -- | -- | MG/KG | 0.0046 U | 0.0042 U | 0.0041 U |
| Methylcyclohexane | -- | -- | -- | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| Methylene Chloride | 0.05 | 81 | 0.05 | MG/KG | 0.0018 U | 0.0017 U | 0.0016 U |
| N-Butylbenzene | **18** | 100 | 18 | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| N-Propylbenzene | **5** | 100 | 5 | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| O-Xylene (1,2-Dimethylbenzene) | 0.26 | 100 | 1.2 | MG/KG | 0.00092 U | 0.0019 | 0.00081 U |
| Sec-Butylbenzene | 25 | 100 | 25 | MG/KG | 0.00092 UT | 0.00083 UT | 0.00081 UT |
| Styrene | -- | -- | -- | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| T-Butylbenzene | 11 | 100 | 11 | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| Tert-Butyl Methyl Ether | 0.1 | 100 | 0.1 | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| Tetrachloroethylene (PCE) | 1.3 | 18 | 1.3 | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| Toluene | 0.7 | 100 | 0.7 | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| Trans-1,2-Dichloroethene | 0.19 | 100 | 0.19 | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| Trans-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| Trichloroethylene (TCE) | 0.47 | 6.4 | 0.47 | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| Trichlorofluoromethane | -- | -- | -- | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| Vinyl Chloride | 0.03 | 0.48 | 0.03 | MG/KG | 0.00092 U | 0.00083 U | 0.00081 U |
| Xylenes | **0.26** | 100 | 1.2 | MG/KG | 0.0007 J | 0.0071 | 0.0016 U |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-03 | ETSB-03 | ETSB-04 |
| | | | | Sample Date: | 01/15/2026 | 01/15/2026 | 01/13/2026 |
| | | | | Sample Depth (bls): | 10 - 12 ft | 14 - 16 ft | 2 - 6 in |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| 1,1,1-Trichloroethane (TCA) | 0.68 | 100 | 0.68 | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| 1,1,2,2-Tetrachloroethane | -- | -- | -- | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | -- | -- | -- | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| 1,1,2-Trichloroethane | -- | -- | -- | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| 1,1-Dichloroethane | 0.27 | 47 | 0.27 | MG/KG | 0.00093 U | 0.0011 U | 0.0013 UT |
| 1,1-Dichloroethene | 0.24 | 0.98 | 0.33 | MG/KG | 0.00093 U | 0.0011 U | 0.0013 UT |
| 1,2,3-Trichlorobenzene | -- | -- | -- | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| 1,2,4-Trichlorobenzene | -- | -- | -- | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| 1,2,4-Trimethylbenzene | **5.9** | 100 | 5.9 | MG/KG | 0.0016 | 0.0011 U | 0.0013 U |
| 1,2-Dibromo-3-Chloropropane | -- | -- | -- | MG/KG | 0.00093 U | 0.0011 U | 0.0013 UT |
| 1,2-Dibromoethane (Ethylene Dibromide) | -- | -- | -- | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| 1,2-Dichlorobenzene | 1.1 | 100 | 1.1 | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| 1,2-Dichloroethane | 0.02 | 5.8 | 0.02 | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| 1,2-Dichloropropane | -- | -- | -- | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | 3.1 | 100 | 3.1 | MG/KG | 0.00089 J | 0.0011 U | 0.0013 U |
| 1,3-Dichlorobenzene | 2.6 | 38 | 2.6 | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| 1,4-Dichlorobenzene | 1.8 | 24 | 1.8 | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| 2-Hexanone | -- | -- | -- | MG/KG | 0.0047 U | 0.0054 U | 0.0063 U |
| Acetone | **0.03** | 100 | 0.03 | MG/KG | **0.037** | 0.0071 | 0.014 |
| Benzene | 0.06 | 3.7 | 0.06 | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| Bromochloromethane | -- | -- | -- | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| Bromodichloromethane | -- | -- | -- | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| Bromoform | -- | -- | -- | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| Bromomethane | -- | -- | -- | MG/KG | 0.0019 U | 0.0022 U | 0.0025 UT |
| Carbon Disulfide | -- | -- | -- | MG/KG | 0.005 T | 0.0011 UT | 0.0013 UT |
| Carbon Tetrachloride | 0.76 | 7.1 | 0.76 | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| Chlorobenzene | 4.5 | 100 | 4.5 | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| Chloroethane | -- | -- | -- | MG/KG | 0.00093 UT | 0.0011 UT | 0.0013 U |
| Chloroform | 0.37 | 24 | 0.37 | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| Chloromethane | -- | -- | -- | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| Cis-1,2-Dichloroethylene | 0.19 | 41 | 0.19 | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| Cis-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-03 | ETSB-03 | ETSB-04 |
| | | | | Sample Date: | 01/15/2026 | 01/15/2026 | 01/13/2026 |
| | | | | Sample Depth (bls): | 10 - 12 ft | 14 - 16 ft | 2 - 6 in |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Cyclohexane | -- | -- | -- | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| Dibromochloromethane | -- | -- | -- | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| Dichlorodifluoromethane | -- | -- | -- | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| Ethylbenzene | **1** | 76 | 1 | MG/KG | 0.00046 J | 0.0011 U | 0.0013 U |
| Isopropylbenzene (Cumene) | -- | -- | -- | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| m,p-Xylene | **0.26** | 100 | 1.2 | MG/KG | 0.0018 | 0.0011 U | 0.0013 U |
| Methyl Acetate | -- | -- | -- | MG/KG | 0.0047 U | 0.0054 U | 0.0063 U |
| Methyl Ethyl Ketone (2-Butanone) | 0.1 | 100 | 0.1 | MG/KG | 0.0055 | 0.0054 U | 0.0063 U |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | -- | -- | -- | MG/KG | 0.0047 U | 0.0054 U | 0.0063 U |
| Methylcyclohexane | -- | -- | -- | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| Methylene Chloride | 0.05 | 81 | 0.05 | MG/KG | 0.0019 U | 0.0022 U | 0.0025 UT |
| N-Butylbenzene | **18** | 100 | 18 | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| N-Propylbenzene | **5** | 100 | 5 | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| O-Xylene (1,2-Dimethylbenzene) | 0.26 | 100 | 1.2 | MG/KG | 0.00071 J | 0.0011 U | 0.0013 U |
| Sec-Butylbenzene | 25 | 100 | 25 | MG/KG | 0.00093 UT | 0.0011 UT | 0.0013 U |
| Styrene | -- | -- | -- | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| T-Butylbenzene | 11 | 100 | 11 | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| Tert-Butyl Methyl Ether | 0.1 | 100 | 0.1 | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| Tetrachloroethylene (PCE) | 1.3 | 18 | 1.3 | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| Toluene | 0.7 | 100 | 0.7 | MG/KG | 0.00067 J | 0.0011 U | 0.0013 U |
| Trans-1,2-Dichloroethene | 0.19 | 100 | 0.19 | MG/KG | 0.00093 U | 0.0011 U | 0.0013 UT |
| Trans-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| Trichloroethylene (TCE) | 0.47 | 6.4 | 0.47 | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| Trichlorofluoromethane | -- | -- | -- | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| Vinyl Chloride | 0.03 | 0.48 | 0.03 | MG/KG | 0.00093 U | 0.0011 U | 0.0013 U |
| Xylenes | **0.26** | 100 | 1.2 | MG/KG | 0.0025 | 0.0022 U | 0.0025 U |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: ETSB-04 | Sample Date: 01/13/2026 | Sample Depth (bls): 2 - 4 ft | Normal Sample or Field Duplicate: N |
|---|---|---|---|---|---|---|---|---|
| | | | | | ETSB-05 | 01/13/2026 | 2 - 6 in | N |
| | | | | | ETSB-05 | 01/13/2026 | 2 - 4 ft | N |
| 1,1,1-Trichloroethane (TCA) | 0.68 | 100 | 0.68 | MG/KG | 0.0013 U | 0.001 U | 0.00086 U | |
| 1,1,2,2-Tetrachloroethane | -- | -- | -- | MG/KG | 0.0013 U | 0.001 U | 0.00086 U | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | -- | -- | -- | MG/KG | 0.0013 U | 0.001 U | 0.00086 U | |
| 1,1,2-Trichloroethane | -- | -- | -- | MG/KG | 0.0013 U | 0.001 U | 0.00086 U | |
| 1,1-Dichloroethane | 0.27 | 47 | 0.27 | MG/KG | 0.0013 UT | 0.001 UT | 0.00086 UT | |
| 1,1-Dichloroethene | 0.24 | 0.98 | 0.33 | MG/KG | 0.0013 UT | 0.001 UT | 0.00086 UT | |
| 1,2,3-Trichlorobenzene | -- | -- | -- | MG/KG | 0.0013 U | 0.001 U | 0.00086 U | |
| 1,2,4-Trichlorobenzene | -- | -- | -- | MG/KG | 0.0013 U | 0.001 U | 0.00086 U | |
| 1,2,4-Trimethylbenzene | **5.9** | 100 | 5.9 | MG/KG | 0.0013 U | 0.001 U | 0.00086 U | |
| 1,2-Dibromo-3-Chloropropane | -- | -- | -- | MG/KG | 0.0013 UT | 0.001 UT | 0.00086 UT | |
| 1,2-Dibromoethane (Ethylene Dibromide) | -- | -- | -- | MG/KG | 0.0013 U | 0.001 U | 0.00086 U | |
| 1,2-Dichlorobenzene | 1.1 | 100 | 1.1 | MG/KG | 0.0013 U | 0.001 U | 0.00086 U | |
| 1,2-Dichloroethane | 0.02 | 5.8 | 0.02 | MG/KG | 0.0013 U | 0.001 U | 0.00086 U | |
| 1,2-Dichloropropane | -- | -- | -- | MG/KG | 0.0013 U | 0.001 U | 0.00086 U | |
| 1,3,5-Trimethylbenzene (Mesitylene) | 3.1 | 100 | 3.1 | MG/KG | 0.0013 U | 0.001 U | 0.00086 U | |
| 1,3-Dichlorobenzene | 2.6 | 38 | 2.6 | MG/KG | 0.0013 U | 0.001 U | 0.00086 U | |
| 1,4-Dichlorobenzene | 1.8 | 24 | 1.8 | MG/KG | 0.0013 U | 0.001 U | 0.00086 U | |
| 2-Hexanone | -- | -- | -- | MG/KG | 0.0065 U | 0.0051 U | 0.0043 U | |
| Acetone | **0.03** | 100 | 0.03 | MG/KG | 0.018 | 0.0093 | 0.014 | |
| Benzene | 0.06 | 3.7 | 0.06 | MG/KG | 0.0013 U | 0.001 U | 0.00086 U | |
| Bromochloromethane | -- | -- | -- | MG/KG | 0.0013 U | 0.001 U | 0.00086 U | |
| Bromodichloromethane | -- | -- | -- | MG/KG | 0.0013 U | 0.001 U | 0.00086 U | |
| Bromoform | -- | -- | -- | MG/KG | 0.0013 U | 0.001 U | 0.00086 U | |
| Bromomethane | -- | -- | -- | MG/KG | 0.0026 UT | 0.0021 UT | 0.0017 UT | |
| Carbon Disulfide | -- | -- | -- | MG/KG | 0.0013 UT | 0.001 UT | 0.00086 UT | |
| Carbon Tetrachloride | 0.76 | 7.1 | 0.76 | MG/KG | 0.0013 U | 0.001 U | 0.00086 U | |
| Chlorobenzene | 4.5 | 100 | 4.5 | MG/KG | 0.0013 U | 0.001 U | 0.00086 U | |
| Chloroethane | -- | -- | -- | MG/KG | 0.0013 U | 0.001 U | 0.00086 U | |
| Chloroform | 0.37 | 24 | 0.37 | MG/KG | 0.0013 U | 0.001 U | 0.00086 U | |
| Chloromethane | -- | -- | -- | MG/KG | 0.0013 U | 0.001 U | 0.00086 U | |
| Cis-1,2-Dichloroethylene | 0.19 | 41 | 0.19 | MG/KG | 0.0013 U | 0.001 U | 0.00086 U | |
| Cis-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.0013 U | 0.001 U | 0.00086 U | |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-04 | ETSB-05 | ETSB-05 |
| | | | | Sample Date: | 01/13/2026 | 01/13/2026 | 01/13/2026 |
| | | | | Sample Depth (bls): | 2 - 4 ft | 2 - 6 in | 2 - 4 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Cyclohexane | -- | -- | -- | MG/KG | 0.0013 U | 0.001 U | 0.00086 U |
| Dibromochloromethane | -- | -- | -- | MG/KG | 0.0013 U | 0.001 U | 0.00086 U |
| Dichlorodifluoromethane | -- | -- | -- | MG/KG | 0.0013 U | 0.001 U | 0.00086 U |
| Ethylbenzene | **1** | 76 | 1 | MG/KG | 0.0013 U | 0.001 U | 0.00086 U |
| Isopropylbenzene (Cumene) | -- | -- | -- | MG/KG | 0.0013 U | 0.001 U | 0.00086 U |
| m,p-Xylene | **0.26** | 100 | 1.2 | MG/KG | 0.0013 U | 0.001 U | 0.00086 U |
| Methyl Acetate | -- | -- | -- | MG/KG | 0.0065 U | 0.0051 U | 0.0043 U |
| Methyl Ethyl Ketone (2-Butanone) | 0.1 | 100 | 0.1 | MG/KG | 0.0065 U | 0.0051 U | 0.0017 J |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | -- | -- | -- | MG/KG | 0.0065 U | 0.0051 U | 0.0043 U |
| Methylcyclohexane | -- | -- | -- | MG/KG | 0.0013 U | 0.001 U | 0.00086 U |
| Methylene Chloride | 0.05 | 81 | 0.05 | MG/KG | 0.0026 UT | 0.0021 UT | 0.0017 UT |
| N-Butylbenzene | **18** | 100 | 18 | MG/KG | 0.0013 U | 0.001 U | 0.00086 U |
| N-Propylbenzene | **5** | 100 | 5 | MG/KG | 0.0013 U | 0.001 U | 0.00086 U |
| O-Xylene (1,2-Dimethylbenzene) | 0.26 | 100 | 1.2 | MG/KG | 0.0013 U | 0.001 U | 0.00086 U |
| Sec-Butylbenzene | 25 | 100 | 25 | MG/KG | 0.0013 U | 0.001 U | 0.00086 U |
| Styrene | -- | -- | -- | MG/KG | 0.0013 U | 0.001 U | 0.00086 U |
| T-Butylbenzene | 11 | 100 | 11 | MG/KG | 0.0013 U | 0.001 U | 0.00086 U |
| Tert-Butyl Methyl Ether | 0.1 | 100 | 0.1 | MG/KG | 0.0013 U | 0.001 U | 0.00086 U |
| Tetrachloroethylene (PCE) | 1.3 | 18 | 1.3 | MG/KG | 0.0013 U | 0.001 U | 0.00086 U |
| Toluene | 0.7 | 100 | 0.7 | MG/KG | 0.0013 U | 0.001 U | 0.00086 U |
| Trans-1,2-Dichloroethene | 0.19 | 100 | 0.19 | MG/KG | 0.0013 UT | 0.001 UT | 0.00086 UT |
| Trans-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.0013 U | 0.001 U | 0.00086 U |
| Trichloroethylene (TCE) | 0.47 | 6.4 | 0.47 | MG/KG | 0.0013 U | 0.001 U | 0.00086 U |
| Trichlorofluoromethane | -- | -- | -- | MG/KG | 0.0013 U | 0.001 U | 0.00086 U |
| Vinyl Chloride | 0.03 | 0.48 | 0.03 | MG/KG | 0.0013 U | 0.001 U | 0.00086 U |
| Xylenes | **0.26** | 100 | 1.2 | MG/KG | 0.0026 U | 0.0021 U | 0.0017 U |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: ETSB-06 | ETSB-06 | ETSB-06 |
|---|---|---|---|---|---|---|---|
| | | | | | Sample Date: 01/20/2026 | 01/20/2026 | 01/20/2026 |
| | | | | | Sample Depth (bls): 2 - 6 in | 2 - 4 ft | 6 - 8 ft |
| | | | | | Normal Sample or Field Duplicate: N | N | N |
| 1,1,1-Trichloroethane (TCA) | 0.68 | 100 | 0.68 | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| 1,1,2,2-Tetrachloroethane | -- | -- | -- | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | -- | -- | -- | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| 1,1,2-Trichloroethane | -- | -- | -- | MG/KG | 0.001 UT | 0.00094 UT | 0.001 UT |
| 1,1-Dichloroethane | 0.27 | 47 | 0.27 | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| 1,1-Dichloroethene | 0.24 | 0.98 | 0.33 | MG/KG | 0.001 UT | 0.00094 UT | 0.001 UT |
| 1,2,3-Trichlorobenzene | -- | -- | -- | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| 1,2,4-Trichlorobenzene | -- | -- | -- | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| 1,2,4-Trimethylbenzene | **5.9** | 100 | 5.9 | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| 1,2-Dibromo-3-Chloropropane | -- | -- | -- | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| 1,2-Dibromoethane (Ethylene Dibromide) | -- | -- | -- | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| 1,2-Dichlorobenzene | 1.1 | 100 | 1.1 | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| 1,2-Dichloroethane | 0.02 | 5.8 | 0.02 | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| 1,2-Dichloropropane | -- | -- | -- | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | 3.1 | 100 | 3.1 | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| 1,3-Dichlorobenzene | 2.6 | 38 | 2.6 | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| 1,4-Dichlorobenzene | 1.8 | 24 | 1.8 | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| 2-Hexanone | -- | -- | -- | MG/KG | 0.0051 U | 0.0047 U | 0.005 U |
| Acetone | **0.03** | 100 | 0.03 | MG/KG | 0.0061 U | 0.0064 | 0.006 U |
| Benzene | 0.06 | 3.7 | 0.06 | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| Bromochloromethane | -- | -- | -- | MG/KG | 0.001 UT | 0.00094 UT | 0.001 UT |
| Bromodichloromethane | -- | -- | -- | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| Bromoform | -- | -- | -- | MG/KG | 0.001 UT | 0.00094 UT | 0.001 UT |
| Bromomethane | -- | -- | -- | MG/KG | 0.002 UT | 0.0019 UT | 0.002 UT |
| Carbon Disulfide | -- | -- | -- | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| Carbon Tetrachloride | 0.76 | 7.1 | 0.76 | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| Chlorobenzene | 4.5 | 100 | 4.5 | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| Chloroethane | -- | -- | -- | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| Chloroform | 0.37 | 24 | 0.37 | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| Chloromethane | -- | -- | -- | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| Cis-1,2-Dichloroethylene | 0.19 | 41 | 0.19 | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| Cis-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.001 U | 0.00094 U | 0.001 U |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-06 | ETSB-06 | ETSB-06 |
| | | | | Sample Date: | 01/20/2026 | 01/20/2026 | 01/20/2026 |
| | | | | Sample Depth (bls): | 2 - 6 in | 2 - 4 ft | 6 - 8 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Cyclohexane | -- | -- | -- | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| Dibromochloromethane | -- | -- | -- | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| Dichlorodifluoromethane | -- | -- | -- | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| Ethylbenzene | **1** | 76 | 1 | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| Isopropylbenzene (Cumene) | -- | -- | -- | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| m,p-Xylene | **0.26** | 100 | 1.2 | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| Methyl Acetate | -- | -- | -- | MG/KG | 0.0051 U | 0.0047 U | 0.005 U |
| Methyl Ethyl Ketone (2-Butanone) | 0.1 | 100 | 0.1 | MG/KG | 0.0051 U | 0.0047 U | 0.005 U |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | -- | -- | -- | MG/KG | 0.0051 U | 0.0047 U | 0.005 U |
| Methylcyclohexane | -- | -- | -- | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| Methylene Chloride | 0.05 | 81 | 0.05 | MG/KG | 0.002 U | 0.0011 J | 0.002 U |
| N-Butylbenzene | **18** | 100 | 18 | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| N-Propylbenzene | **5** | 100 | 5 | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| O-Xylene (1,2-Dimethylbenzene) | 0.26 | 100 | 1.2 | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| Sec-Butylbenzene | 25 | 100 | 25 | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| Styrene | -- | -- | -- | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| T-Butylbenzene | 11 | 100 | 11 | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| Tert-Butyl Methyl Ether | 0.1 | 100 | 0.1 | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| Tetrachloroethylene (PCE) | 1.3 | 18 | 1.3 | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| Toluene | 0.7 | 100 | 0.7 | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| Trans-1,2-Dichloroethene | 0.19 | 100 | 0.19 | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| Trans-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| Trichloroethylene (TCE) | 0.47 | 6.4 | 0.47 | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| Trichlorofluoromethane | -- | -- | -- | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| Vinyl Chloride | 0.03 | 0.48 | 0.03 | MG/KG | 0.001 U | 0.00094 U | 0.001 U |
| Xylenes | **0.26** | 100 | 1.2 | MG/KG | 0.002 U | 0.0019 U | 0.002 U |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-06 | ETSB-06 | ETSB-07 |
| | | | | Sample Date: | 01/20/2026 | 01/20/2026 | 01/12/2026 |
| | | | | Sample Depth (bls): | 8 - 10 ft | 10 - 12 ft | 2 - 6 in |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| 1,1,1-Trichloroethane (TCA) | 0.68 | 100 | 0.68 | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| 1,1,2,2-Tetrachloroethane | -- | -- | -- | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | -- | -- | -- | MG/KG | 0.0011 U | 0.0012 U | 0.00085 UT |
| 1,1,2-Trichloroethane | -- | -- | -- | MG/KG | 0.0011 UT | 0.0012 UT | 0.00085 U |
| 1,1-Dichloroethane | 0.27 | 47 | 0.27 | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| 1,1-Dichloroethene | 0.24 | 0.98 | 0.33 | MG/KG | 0.0011 UT | 0.0012 UT | 0.00085 UT |
| 1,2,3-Trichlorobenzene | -- | -- | -- | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| 1,2,4-Trichlorobenzene | -- | -- | -- | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| 1,2,4-Trimethylbenzene | **5.9** | 100 | 5.9 | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| 1,2-Dibromo-3-Chloropropane | -- | -- | -- | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| 1,2-Dibromoethane (Ethylene Dibromide) | -- | -- | -- | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| 1,2-Dichlorobenzene | 1.1 | 100 | 1.1 | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| 1,2-Dichloroethane | 0.02 | 5.8 | 0.02 | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| 1,2-Dichloropropane | -- | -- | -- | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | 3.1 | 100 | 3.1 | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| 1,3-Dichlorobenzene | 2.6 | 38 | 2.6 | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| 1,4-Dichlorobenzene | 1.8 | 24 | 1.8 | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| 2-Hexanone | -- | -- | -- | MG/KG | 0.0053 U | 0.0058 U | 0.0042 U |
| Acetone | **0.03** | 100 | 0.03 | MG/KG | 0.0064 U | 0.013 | 0.017 |
| Benzene | 0.06 | 3.7 | 0.06 | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| Bromochloromethane | -- | -- | -- | MG/KG | 0.0011 UT | 0.0012 UT | 0.00085 U |
| Bromodichloromethane | -- | -- | -- | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| Bromoform | -- | -- | -- | MG/KG | 0.0011 UT | 0.0012 UT | 0.00085 U |
| Bromomethane | -- | -- | -- | MG/KG | 0.0021 UT | 0.0023 UT | 0.0017 U |
| Carbon Disulfide | -- | -- | -- | MG/KG | 0.0011 U | 0.0012 U | 0.00085 UT |
| Carbon Tetrachloride | 0.76 | 7.1 | 0.76 | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| Chlorobenzene | 4.5 | 100 | 4.5 | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| Chloroethane | -- | -- | -- | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| Chloroform | 0.37 | 24 | 0.37 | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| Chloromethane | -- | -- | -- | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| Cis-1,2-Dichloroethylene | 0.19 | 41 | 0.19 | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| Cis-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-06 | ETSB-06 | ETSB-07 |
| | | | | Sample Date: | 01/20/2026 | 01/20/2026 | 01/12/2026 |
| | | | | Sample Depth (bls): | 8 - 10 ft | 10 - 12 ft | 2 - 6 in |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Cyclohexane | -- | -- | -- | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| Dibromochloromethane | -- | -- | -- | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| Dichlorodifluoromethane | -- | -- | -- | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| Ethylbenzene | **1** | 76 | 1 | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| Isopropylbenzene (Cumene) | -- | -- | -- | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| m,p-Xylene | **0.26** | 100 | 1.2 | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| Methyl Acetate | -- | -- | -- | MG/KG | 0.0053 U | 0.0058 U | 0.0042 U |
| Methyl Ethyl Ketone (2-Butanone) | 0.1 | 100 | 0.1 | MG/KG | 0.0053 U | 0.0058 U | 0.0042 U |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | -- | -- | -- | MG/KG | 0.0053 U | 0.0058 U | 0.0042 U |
| Methylcyclohexane | -- | -- | -- | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| Methylene Chloride | 0.05 | 81 | 0.05 | MG/KG | 0.0021 U | 0.0023 U | 0.0017 U |
| N-Butylbenzene | **18** | 100 | 18 | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| N-Propylbenzene | **5** | 100 | 5 | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| O-Xylene (1,2-Dimethylbenzene) | 0.26 | 100 | 1.2 | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| Sec-Butylbenzene | 25 | 100 | 25 | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| Styrene | -- | -- | -- | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| T-Butylbenzene | 11 | 100 | 11 | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| Tert-Butyl Methyl Ether | 0.1 | 100 | 0.1 | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| Tetrachloroethylene (PCE) | 1.3 | 18 | 1.3 | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| Toluene | 0.7 | 100 | 0.7 | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| Trans-1,2-Dichloroethene | 0.19 | 100 | 0.19 | MG/KG | 0.0011 U | 0.0012 U | 0.00085 UT |
| Trans-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| Trichloroethylene (TCE) | 0.47 | 6.4 | 0.47 | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| Trichlorofluoromethane | -- | -- | -- | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| Vinyl Chloride | 0.03 | 0.48 | 0.03 | MG/KG | 0.0011 U | 0.0012 U | 0.00085 U |
| Xylenes | **0.26** | 100 | 1.2 | MG/KG | 0.0021 U | 0.0023 U | 0.0017 U |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: ETSB-07 | ETSB-07 | ETSB-07 |
|---|---|---|---|---|---|---|---|
| | | | | | Sample Date: 01/12/2026 | 01/12/2026 | 01/12/2026 |
| | | | | | Sample Depth (bls): 2 - 4 ft | 6 - 8 ft | 6 - 8 ft |
| | | | | | Normal Sample or Field Duplicate: N | N | FD |
| 1,1,1-Trichloroethane (TCA) | 0.68 | 100 | 0.68 | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| 1,1,2,2-Tetrachloroethane | -- | -- | -- | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | -- | -- | -- | MG/KG | 0.00084 UT | 0.00098 UT | 0.00095 UT |
| 1,1,2-Trichloroethane | -- | -- | -- | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| 1,1-Dichloroethane | 0.27 | 47 | 0.27 | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| 1,1-Dichloroethene | 0.24 | 0.98 | 0.33 | MG/KG | 0.00084 UT | 0.00098 UT | 0.00095 UT |
| 1,2,3-Trichlorobenzene | -- | -- | -- | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| 1,2,4-Trichlorobenzene | -- | -- | -- | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| 1,2,4-Trimethylbenzene | **5.9** | 100 | 5.9 | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| 1,2-Dibromo-3-Chloropropane | -- | -- | -- | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| 1,2-Dibromoethane (Ethylene Dibromide) | -- | -- | -- | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| 1,2-Dichlorobenzene | 1.1 | 100 | 1.1 | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| 1,2-Dichloroethane | 0.02 | 5.8 | 0.02 | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| 1,2-Dichloropropane | -- | -- | -- | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | 3.1 | 100 | 3.1 | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| 1,3-Dichlorobenzene | 2.6 | 38 | 2.6 | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| 1,4-Dichlorobenzene | 1.8 | 24 | 1.8 | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| 2-Hexanone | -- | -- | -- | MG/KG | 0.0042 U | 0.0049 U | 0.0047 U |
| Acetone | **0.03** | 100 | 0.03 | MG/KG | 0.013 | 0.0099 | 0.0079 |
| Benzene | 0.06 | 3.7 | 0.06 | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| Bromochloromethane | -- | -- | -- | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| Bromodichloromethane | -- | -- | -- | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| Bromoform | -- | -- | -- | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| Bromomethane | -- | -- | -- | MG/KG | 0.0017 U | 0.002 U | 0.0019 U |
| Carbon Disulfide | -- | -- | -- | MG/KG | 0.00084 UT | 0.00098 UT | 0.00095 UT |
| Carbon Tetrachloride | 0.76 | 7.1 | 0.76 | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| Chlorobenzene | 4.5 | 100 | 4.5 | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| Chloroethane | -- | -- | -- | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| Chloroform | 0.37 | 24 | 0.37 | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| Chloromethane | -- | -- | -- | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| Cis-1,2-Dichloroethylene | 0.19 | 41 | 0.19 | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| Cis-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-07 | ETSB-07 | ETSB-07 |
| | | | | Sample Date: | 01/12/2026 | 01/12/2026 | 01/12/2026 |
| | | | | Sample Depth (bls): | 2 - 4 ft | 6 - 8 ft | 6 - 8 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | FD |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Cyclohexane | -- | -- | -- | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| Dibromochloromethane | -- | -- | -- | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| Dichlorodifluoromethane | -- | -- | -- | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| Ethylbenzene | **1** | 76 | 1 | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| Isopropylbenzene (Cumene) | -- | -- | -- | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| m,p-Xylene | **0.26** | 100 | 1.2 | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| Methyl Acetate | -- | -- | -- | MG/KG | 0.0042 U | 0.0049 U | 0.0047 U |
| Methyl Ethyl Ketone (2-Butanone) | 0.1 | 100 | 0.1 | MG/KG | 0.0042 U | 0.0049 U | 0.0047 U |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | -- | -- | -- | MG/KG | 0.0042 U | 0.0049 U | 0.0047 U |
| Methylcyclohexane | -- | -- | -- | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| Methylene Chloride | 0.05 | 81 | 0.05 | MG/KG | 0.0017 U | 0.002 U | 0.0019 U |
| N-Butylbenzene | **18** | 100 | 18 | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| N-Propylbenzene | **5** | 100 | 5 | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| O-Xylene (1,2-Dimethylbenzene) | 0.26 | 100 | 1.2 | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| Sec-Butylbenzene | 25 | 100 | 25 | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| Styrene | -- | -- | -- | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| T-Butylbenzene | 11 | 100 | 11 | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| Tert-Butyl Methyl Ether | 0.1 | 100 | 0.1 | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| Tetrachloroethylene (PCE) | 1.3 | 18 | 1.3 | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| Toluene | 0.7 | 100 | 0.7 | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| Trans-1,2-Dichloroethene | 0.19 | 100 | 0.19 | MG/KG | 0.00084 UT | 0.00098 UT | 0.00095 UT |
| Trans-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| Trichloroethylene (TCE) | 0.47 | 6.4 | 0.47 | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| Trichlorofluoromethane | -- | -- | -- | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| Vinyl Chloride | 0.03 | 0.48 | 0.03 | MG/KG | 0.00084 U | 0.00098 U | 0.00095 U |
| Xylenes | **0.26** | 100 | 1.2 | MG/KG | 0.0017 U | 0.002 U | 0.0019 U |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-07 | ETSB-07 | ETSB-08 |
| | | | | Sample Date: | 01/12/2026 | 01/12/2026 | 01/13/2026 |
| | | | | Sample Depth (bls): | 9 - 11 ft | 11.5 - 13.5 ft | 2 - 6 in |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| 1,1,1-Trichloroethane (TCA) | 0.68 | 100 | 0.68 | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| 1,1,2,2-Tetrachloroethane | -- | -- | -- | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | -- | -- | -- | MG/KG | 0.001 UT | 0.00083 UT | 0.0013 U |
| 1,1,2-Trichloroethane | -- | -- | -- | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| 1,1-Dichloroethane | 0.27 | 47 | 0.27 | MG/KG | 0.001 U | 0.00083 U | 0.0013 UT |
| 1,1-Dichloroethene | 0.24 | 0.98 | 0.33 | MG/KG | 0.001 UT | 0.00083 UT | 0.0013 UT |
| 1,2,3-Trichlorobenzene | -- | -- | -- | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| 1,2,4-Trichlorobenzene | -- | -- | -- | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| 1,2,4-Trimethylbenzene | **5.9** | 100 | 5.9 | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| 1,2-Dibromo-3-Chloropropane | -- | -- | -- | MG/KG | 0.001 U | 0.00083 U | 0.0013 UT |
| 1,2-Dibromoethane (Ethylene Dibromide) | -- | -- | -- | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| 1,2-Dichlorobenzene | 1.1 | 100 | 1.1 | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| 1,2-Dichloroethane | 0.02 | 5.8 | 0.02 | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| 1,2-Dichloropropane | -- | -- | -- | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | 3.1 | 100 | 3.1 | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| 1,3-Dichlorobenzene | 2.6 | 38 | 2.6 | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| 1,4-Dichlorobenzene | 1.8 | 24 | 1.8 | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| 2-Hexanone | -- | -- | -- | MG/KG | 0.005 U | 0.0041 U | 0.0066 U |
| Acetone | **0.03** | 100 | 0.03 | MG/KG | 0.01 | 0.005 U | 0.008 U |
| Benzene | 0.06 | 3.7 | 0.06 | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| Bromochloromethane | -- | -- | -- | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| Bromodichloromethane | -- | -- | -- | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| Bromoform | -- | -- | -- | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| Bromomethane | -- | -- | -- | MG/KG | 0.002 U | 0.0017 U | 0.0027 UT |
| Carbon Disulfide | -- | -- | -- | MG/KG | 0.001 UT | 0.00083 UT | 0.0013 UT |
| Carbon Tetrachloride | 0.76 | 7.1 | 0.76 | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| Chlorobenzene | 4.5 | 100 | 4.5 | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| Chloroethane | -- | -- | -- | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| Chloroform | 0.37 | 24 | 0.37 | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| Chloromethane | -- | -- | -- | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| Cis-1,2-Dichloroethylene | 0.19 | 41 | 0.19 | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| Cis-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-07 | ETSB-07 | ETSB-08 |
| | | | | Sample Date: | 01/12/2026 | 01/12/2026 | 01/13/2026 |
| | | | | Sample Depth (bls): | 9 - 11 ft | 11.5 - 13.5 ft | 2 - 6 in |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Cyclohexane | -- | -- | -- | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| Dibromochloromethane | -- | -- | -- | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| Dichlorodifluoromethane | -- | -- | -- | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| Ethylbenzene | **1** | 76 | 1 | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| Isopropylbenzene (Cumene) | -- | -- | -- | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| m,p-Xylene | **0.26** | 100 | 1.2 | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| Methyl Acetate | -- | -- | -- | MG/KG | 0.005 U | 0.0041 U | 0.0066 U |
| Methyl Ethyl Ketone (2-Butanone) | 0.1 | 100 | 0.1 | MG/KG | 0.005 U | 0.0041 U | 0.0066 U |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | -- | -- | -- | MG/KG | 0.005 U | 0.0041 U | 0.0066 U |
| Methylcyclohexane | -- | -- | -- | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| Methylene Chloride | 0.05 | 81 | 0.05 | MG/KG | 0.002 U | 0.0017 U | 0.0027 UT |
| N-Butylbenzene | **18** | 100 | 18 | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| N-Propylbenzene | **5** | 100 | 5 | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| O-Xylene (1,2-Dimethylbenzene) | 0.26 | 100 | 1.2 | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| Sec-Butylbenzene | 25 | 100 | 25 | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| Styrene | -- | -- | -- | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| T-Butylbenzene | 11 | 100 | 11 | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| Tert-Butyl Methyl Ether | 0.1 | 100 | 0.1 | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| Tetrachloroethylene (PCE) | 1.3 | 18 | 1.3 | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| Toluene | 0.7 | 100 | 0.7 | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| Trans-1,2-Dichloroethene | 0.19 | 100 | 0.19 | MG/KG | 0.001 UT | 0.00083 UT | 0.0013 UT |
| Trans-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| Trichloroethylene (TCE) | 0.47 | 6.4 | 0.47 | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| Trichlorofluoromethane | -- | -- | -- | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| Vinyl Chloride | 0.03 | 0.48 | 0.03 | MG/KG | 0.001 U | 0.00083 U | 0.0013 U |
| Xylenes | **0.26** | 100 | 1.2 | MG/KG | 0.002 U | 0.0017 U | 0.0027 U |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: ETSB-08 | ETSB-08 | ETSB-08 |
|---|---|---|---|---|---|---|---|
| | | | | | Sample Date: 01/13/2026 | 01/14/2026 | 01/14/2026 |
| | | | | | Sample Depth (bls): 2 - 4 ft | 5 - 7 ft | 8 - 10 ft |
| | | | | | Normal Sample or Field Duplicate: N | N | N |
| 1,1,1-Trichloroethane (TCA) | 0.68 | 100 | 0.68 | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| 1,1,2,2-Tetrachloroethane | -- | -- | -- | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | -- | -- | -- | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| 1,1,2-Trichloroethane | -- | -- | -- | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| 1,1-Dichloroethane | 0.27 | 47 | 0.27 | MG/KG | 0.0012 UT | 2.3 U | 0.001 U |
| 1,1-Dichloroethene | 0.24 | 0.98 | 0.33 | MG/KG | 0.0012 UT | 2.3 U | 0.001 U |
| 1,2,3-Trichlorobenzene | -- | -- | -- | MG/KG | 0.0012 U | 2.3 UT | 0.001 U |
| 1,2,4-Trichlorobenzene | -- | -- | -- | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| 1,2,4-Trimethylbenzene | **5.9** | 100 | 5.9 | MG/KG | 0.0012 U | **420** | 0.0077 |
| 1,2-Dibromo-3-Chloropropane | -- | -- | -- | MG/KG | 0.0012 UT | 2.3 U | 0.001 U |
| 1,2-Dibromoethane (Ethylene Dibromide) | -- | -- | -- | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| 1,2-Dichlorobenzene | 1.1 | 100 | 1.1 | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| 1,2-Dichloroethane | 0.02 | 5.8 | 0.02 | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| 1,2-Dichloropropane | -- | -- | -- | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | 3.1 | 100 | 3.1 | MG/KG | 0.0012 U | 2.3 U | 0.00037 J |
| 1,3-Dichlorobenzene | 2.6 | 38 | 2.6 | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| 1,4-Dichlorobenzene | 1.8 | 24 | 1.8 | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| 2-Hexanone | -- | -- | -- | MG/KG | 0.006 U | 12 U | 0.0051 U |
| Acetone | **0.03** | 100 | 0.03 | MG/KG | 0.01 | 12 U | **0.044** |
| Benzene | 0.06 | 3.7 | 0.06 | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| Bromochloromethane | -- | -- | -- | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| Bromodichloromethane | -- | -- | -- | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| Bromoform | -- | -- | -- | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| Bromomethane | -- | -- | -- | MG/KG | 0.0024 UT | 2.3 U | 0.002 UT |
| Carbon Disulfide | -- | -- | -- | MG/KG | 0.0012 UT | 2.3 U | 0.0051 |
| Carbon Tetrachloride | 0.76 | 7.1 | 0.76 | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| Chlorobenzene | 4.5 | 100 | 4.5 | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| Chloroethane | -- | -- | -- | MG/KG | 0.0012 U | 2.3 U | 0.001 UT |
| Chloroform | 0.37 | 24 | 0.37 | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| Chloromethane | -- | -- | -- | MG/KG | 0.0012 U | 2.3 U | 0.001 UT |
| Cis-1,2-Dichloroethylene | 0.19 | 41 | 0.19 | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| Cis-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.0012 U | 2.3 U | 0.001 U |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-08 | ETSB-08 | ETSB-08 |
| | | | | Sample Date: | 01/13/2026 | 01/14/2026 | 01/14/2026 |
| | | | | Sample Depth (bls): | 2 - 4 ft | 5 - 7 ft | 8 - 10 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Cyclohexane | -- | -- | -- | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| Dibromochloromethane | -- | -- | -- | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| Dichlorodifluoromethane | -- | -- | -- | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| Ethylbenzene | **1** | 76 | 1 | MG/KG | 0.0012 U | **37** | 0.0013 |
| Isopropylbenzene (Cumene) | -- | -- | -- | MG/KG | 0.0012 U | 14 | 0.001 U |
| m,p-Xylene | **0.26** | 100 | 1.2 | MG/KG | 0.0012 U | **0.75 J** | 0.0012 |
| Methyl Acetate | -- | -- | -- | MG/KG | 0.006 U | 12 U | 0.0051 U |
| Methyl Ethyl Ketone (2-Butanone) | 0.1 | 100 | 0.1 | MG/KG | 0.006 U | 12 U | 0.012 |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | -- | -- | -- | MG/KG | 0.006 U | 12 U | 0.0051 U |
| Methylcyclohexane | -- | -- | -- | MG/KG | 0.0012 U | 17 | 0.001 U |
| Methylene Chloride | 0.05 | 81 | 0.05 | MG/KG | 0.0024 UT | 2.3 U | 0.002 U |
| N-Butylbenzene | **18** | 100 | 18 | MG/KG | 0.0012 U | **35** | 0.00046 J |
| N-Propylbenzene | **5** | 100 | 5 | MG/KG | 0.0012 U | **62** | 0.0011 |
| O-Xylene (1,2-Dimethylbenzene) | 0.26 | 100 | 1.2 | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| Sec-Butylbenzene | 25 | 100 | 25 | MG/KG | 0.0012 U | 13 | 0.001 U |
| Styrene | -- | -- | -- | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| T-Butylbenzene | 11 | 100 | 11 | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| Tert-Butyl Methyl Ether | 0.1 | 100 | 0.1 | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| Tetrachloroethylene (PCE) | 1.3 | 18 | 1.3 | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| Toluene | 0.7 | 100 | 0.7 | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| Trans-1,2-Dichloroethene | 0.19 | 100 | 0.19 | MG/KG | 0.0012 UT | 2.3 U | 0.001 U |
| Trans-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| Trichloroethylene (TCE) | 0.47 | 6.4 | 0.47 | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| Trichlorofluoromethane | -- | -- | -- | MG/KG | 0.0012 U | 2.3 U | 0.001 U |
| Vinyl Chloride | 0.03 | 0.48 | 0.03 | MG/KG | 0.0012 U | 2.3 U | 0.001 UT |
| Xylenes | **0.26** | 100 | 1.2 | MG/KG | 0.0024 U | **0.75 J** | 0.0015 J |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-09 | ETSB-09 | ETSB-09 |
| | | | | Sample Date: | 01/19/2026 | 01/19/2026 | 01/19/2026 |
| | | | | Sample Depth (bls): | 2 - 6 in | 2 - 4 ft | 6 - 8 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| 1,1,1-Trichloroethane (TCA) | 0.68 | 100 | 0.68 | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| 1,1,2,2-Tetrachloroethane | -- | -- | -- | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | -- | -- | -- | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| 1,1,2-Trichloroethane | -- | -- | -- | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| 1,1-Dichloroethane | 0.27 | 47 | 0.27 | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| 1,1-Dichloroethene | 0.24 | 0.98 | 0.33 | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| 1,2,3-Trichlorobenzene | -- | -- | -- | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| 1,2,4-Trichlorobenzene | -- | -- | -- | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| 1,2,4-Trimethylbenzene | **5.9** | 100 | 5.9 | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| 1,2-Dibromo-3-Chloropropane | -- | -- | -- | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| 1,2-Dibromoethane (Ethylene Dibromide) | -- | -- | -- | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| 1,2-Dichlorobenzene | 1.1 | 100 | 1.1 | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| 1,2-Dichloroethane | 0.02 | 5.8 | 0.02 | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| 1,2-Dichloropropane | -- | -- | -- | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | 3.1 | 100 | 3.1 | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| 1,3-Dichlorobenzene | 2.6 | 38 | 2.6 | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| 1,4-Dichlorobenzene | 1.8 | 24 | 1.8 | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| 2-Hexanone | -- | -- | -- | MG/KG | 0.0046 U | 0.0043 U | 0.0042 U |
| Acetone | **0.03** | 100 | 0.03 | MG/KG | 0.012 | 0.005 J | 0.007 |
| Benzene | 0.06 | 3.7 | 0.06 | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| Bromochloromethane | -- | -- | -- | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| Bromodichloromethane | -- | -- | -- | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| Bromoform | -- | -- | -- | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| Bromomethane | -- | -- | -- | MG/KG | 0.0018 U | 0.0017 U | 0.0017 U |
| Carbon Disulfide | -- | -- | -- | MG/KG | 0.00091 UT | 0.00087 UT | 0.00083 UT |
| Carbon Tetrachloride | 0.76 | 7.1 | 0.76 | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| Chlorobenzene | 4.5 | 100 | 4.5 | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| Chloroethane | -- | -- | -- | MG/KG | 0.00091 UT | 0.00087 U | 0.00083 U |
| Chloroform | 0.37 | 24 | 0.37 | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| Chloromethane | -- | -- | -- | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| Cis-1,2-Dichloroethylene | 0.19 | 41 | 0.19 | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| Cis-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-09 | ETSB-09 | ETSB-09 |
| | | | | Sample Date: | 01/19/2026 | 01/19/2026 | 01/19/2026 |
| | | | | Sample Depth (bls): | 2 - 6 in | 2 - 4 ft | 6 - 8 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Cyclohexane | -- | -- | -- | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| Dibromochloromethane | -- | -- | -- | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| Dichlorodifluoromethane | -- | -- | -- | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| Ethylbenzene | **1** | 76 | 1 | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| Isopropylbenzene (Cumene) | -- | -- | -- | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| m,p-Xylene | **0.26** | 100 | 1.2 | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| Methyl Acetate | -- | -- | -- | MG/KG | 0.0046 U | 0.0043 U | 0.0042 U |
| Methyl Ethyl Ketone (2-Butanone) | 0.1 | 100 | 0.1 | MG/KG | 0.0046 U | 0.0043 U | 0.0042 U |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | -- | -- | -- | MG/KG | 0.0046 U | 0.0043 U | 0.0042 U |
| Methylcyclohexane | -- | -- | -- | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| Methylene Chloride | 0.05 | 81 | 0.05 | MG/KG | 0.0018 U | 0.0017 U | 0.0017 U |
| N-Butylbenzene | **18** | 100 | 18 | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| N-Propylbenzene | **5** | 100 | 5 | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| O-Xylene (1,2-Dimethylbenzene) | 0.26 | 100 | 1.2 | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| Sec-Butylbenzene | 25 | 100 | 25 | MG/KG | 0.00091 UT | 0.00087 UT | 0.00083 UT |
| Styrene | -- | -- | -- | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| T-Butylbenzene | 11 | 100 | 11 | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| Tert-Butyl Methyl Ether | 0.1 | 100 | 0.1 | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| Tetrachloroethylene (PCE) | 1.3 | 18 | 1.3 | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| Toluene | 0.7 | 100 | 0.7 | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| Trans-1,2-Dichloroethene | 0.19 | 100 | 0.19 | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| Trans-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| Trichloroethylene (TCE) | 0.47 | 6.4 | 0.47 | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| Trichlorofluoromethane | -- | -- | -- | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| Vinyl Chloride | 0.03 | 0.48 | 0.03 | MG/KG | 0.00091 U | 0.00087 U | 0.00083 U |
| Xylenes | **0.26** | 100 | 1.2 | MG/KG | 0.0018 U | 0.0017 U | 0.0017 U |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: ETSB-09 | ETSB-09 | ETSB-10 |
|---|---|---|---|---|---|---|---|
| | | | | | Sample Date: 01/19/2026 | 01/19/2026 | 01/23/2026 |
| | | | | | Sample Depth (bls): 10 - 12 ft | 12 - 14 ft | 2 - 6 in |
| | | | | | Normal Sample or Field Duplicate: N | N | N |
| 1,1,1-Trichloroethane (TCA) | 0.68 | 100 | 0.68 | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| 1,1,2,2-Tetrachloroethane | -- | -- | -- | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | -- | -- | -- | MG/KG | 0.00086 U | 0.00084 U | 0.0011 UT |
| 1,1,2-Trichloroethane | -- | -- | -- | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| 1,1-Dichloroethane | 0.27 | 47 | 0.27 | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| 1,1-Dichloroethene | 0.24 | 0.98 | 0.33 | MG/KG | 0.00086 U | 0.00084 U | 0.0011 UT |
| 1,2,3-Trichlorobenzene | -- | -- | -- | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| 1,2,4-Trichlorobenzene | -- | -- | -- | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| 1,2,4-Trimethylbenzene | **5.9** | 100 | 5.9 | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| 1,2-Dibromo-3-Chloropropane | -- | -- | -- | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| 1,2-Dibromoethane (Ethylene Dibromide) | -- | -- | -- | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| 1,2-Dichlorobenzene | 1.1 | 100 | 1.1 | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| 1,2-Dichloroethane | 0.02 | 5.8 | 0.02 | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| 1,2-Dichloropropane | -- | -- | -- | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | 3.1 | 100 | 3.1 | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| 1,3-Dichlorobenzene | 2.6 | 38 | 2.6 | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| 1,4-Dichlorobenzene | 1.8 | 24 | 1.8 | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| 2-Hexanone | -- | -- | -- | MG/KG | 0.0043 U | 0.0042 U | 0.0053 U |
| Acetone | **0.03** | 100 | 0.03 | MG/KG | 0.0051 U | 0.0076 | 0.0063 U |
| Benzene | 0.06 | 3.7 | 0.06 | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| Bromochloromethane | -- | -- | -- | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| Bromodichloromethane | -- | -- | -- | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| Bromoform | -- | -- | -- | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| Bromomethane | -- | -- | -- | MG/KG | 0.0017 U | 0.0017 U | 0.0021 U |
| Carbon Disulfide | -- | -- | -- | MG/KG | 0.00086 UT | 0.00084 UT | 0.0011 UT |
| Carbon Tetrachloride | 0.76 | 7.1 | 0.76 | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| Chlorobenzene | 4.5 | 100 | 4.5 | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| Chloroethane | -- | -- | -- | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| Chloroform | 0.37 | 24 | 0.37 | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| Chloromethane | -- | -- | -- | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| Cis-1,2-Dichloroethylene | 0.19 | 41 | 0.19 | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| Cis-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-09 | ETSB-09 | ETSB-10 |
| | | | | Sample Date: | 01/19/2026 | 01/19/2026 | 01/23/2026 |
| | | | | Sample Depth (bls): | 10 - 12 ft | 12 - 14 ft | 2 - 6 in |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Cyclohexane | -- | -- | -- | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| Dibromochloromethane | -- | -- | -- | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| Dichlorodifluoromethane | -- | -- | -- | MG/KG | 0.00086 U | 0.00084 U | 0.0011 UT |
| Ethylbenzene | **1** | 76 | 1 | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| Isopropylbenzene (Cumene) | -- | -- | -- | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| m,p-Xylene | **0.26** | 100 | 1.2 | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| Methyl Acetate | -- | -- | -- | MG/KG | 0.0043 U | 0.0042 U | 0.0053 U |
| Methyl Ethyl Ketone (2-Butanone) | 0.1 | 100 | 0.1 | MG/KG | 0.0043 U | 0.0042 U | 0.0053 U |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | -- | -- | -- | MG/KG | 0.0043 U | 0.0042 U | 0.0053 U |
| Methylcyclohexane | -- | -- | -- | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| Methylene Chloride | 0.05 | 81 | 0.05 | MG/KG | 0.0017 U | 0.0017 U | 0.0021 U |
| N-Butylbenzene | **18** | 100 | 18 | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| N-Propylbenzene | **5** | 100 | 5 | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| O-Xylene (1,2-Dimethylbenzene) | 0.26 | 100 | 1.2 | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| Sec-Butylbenzene | 25 | 100 | 25 | MG/KG | 0.00086 UT | 0.00084 UT | 0.0011 UT |
| Styrene | -- | -- | -- | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| T-Butylbenzene | 11 | 100 | 11 | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| Tert-Butyl Methyl Ether | 0.1 | 100 | 0.1 | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| Tetrachloroethylene (PCE) | 1.3 | 18 | 1.3 | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| Toluene | 0.7 | 100 | 0.7 | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| Trans-1,2-Dichloroethene | 0.19 | 100 | 0.19 | MG/KG | 0.00086 U | 0.00084 U | 0.0011 UT |
| Trans-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| Trichloroethylene (TCE) | 0.47 | 6.4 | 0.47 | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| Trichlorofluoromethane | -- | -- | -- | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| Vinyl Chloride | 0.03 | 0.48 | 0.03 | MG/KG | 0.00086 U | 0.00084 U | 0.0011 U |
| Xylenes | **0.26** | 100 | 1.2 | MG/KG | 0.0017 U | 0.0017 U | 0.0021 U |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-10 | ETSB-10 | ETSB-11 |
| | | | | Sample Date: | 01/23/2026 | 01/23/2026 | 01/15/2026 |
| | | | | Sample Depth (bls): | 2 - 4 ft | 11 - 13 ft | 2 - 6 in |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| 1,1,1-Trichloroethane (TCA) | 0.68 | 100 | 0.68 | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| 1,1,2,2-Tetrachloroethane | -- | -- | -- | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | -- | -- | -- | MG/KG | 0.00086 UT | 0.00099 UT | 0.00086 U |
| 1,1,2-Trichloroethane | -- | -- | -- | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| 1,1-Dichloroethane | 0.27 | 47 | 0.27 | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| 1,1-Dichloroethene | 0.24 | 0.98 | 0.33 | MG/KG | 0.00086 UT | 0.00099 UT | 0.00086 U |
| 1,2,3-Trichlorobenzene | -- | -- | -- | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| 1,2,4-Trichlorobenzene | -- | -- | -- | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| 1,2,4-Trimethylbenzene | **5.9** | 100 | 5.9 | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| 1,2-Dibromo-3-Chloropropane | -- | -- | -- | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| 1,2-Dibromoethane (Ethylene Dibromide) | -- | -- | -- | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| 1,2-Dichlorobenzene | 1.1 | 100 | 1.1 | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| 1,2-Dichloroethane | 0.02 | 5.8 | 0.02 | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| 1,2-Dichloropropane | -- | -- | -- | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | 3.1 | 100 | 3.1 | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| 1,3-Dichlorobenzene | 2.6 | 38 | 2.6 | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| 1,4-Dichlorobenzene | 1.8 | 24 | 1.8 | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| 2-Hexanone | -- | -- | -- | MG/KG | 0.0043 U | 0.0049 U | 0.0043 U |
| Acetone | **0.03** | 100 | 0.03 | MG/KG | 0.0052 U | 0.0059 | 0.0073 |
| Benzene | 0.06 | 3.7 | 0.06 | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| Bromochloromethane | -- | -- | -- | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| Bromodichloromethane | -- | -- | -- | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| Bromoform | -- | -- | -- | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| Bromomethane | -- | -- | -- | MG/KG | 0.0017 U | 0.002 U | 0.0017 U |
| Carbon Disulfide | -- | -- | -- | MG/KG | 0.00086 UT | 0.00099 UT | 0.00086 U |
| Carbon Tetrachloride | 0.76 | 7.1 | 0.76 | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| Chlorobenzene | 4.5 | 100 | 4.5 | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| Chloroethane | -- | -- | -- | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| Chloroform | 0.37 | 24 | 0.37 | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| Chloromethane | -- | -- | -- | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| Cis-1,2-Dichloroethylene | 0.19 | 41 | 0.19 | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| Cis-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-10 | ETSB-10 | ETSB-11 |
| | | | | Sample Date: | 01/23/2026 | 01/23/2026 | 01/15/2026 |
| | | | | Sample Depth (bls): | 2 - 4 ft | 11 - 13 ft | 2 - 6 in |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Cyclohexane | -- | -- | -- | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| Dibromochloromethane | -- | -- | -- | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| Dichlorodifluoromethane | -- | -- | -- | MG/KG | 0.00086 UT | 0.00099 UT | 0.00086 U |
| Ethylbenzene | **1** | 76 | 1 | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| Isopropylbenzene (Cumene) | -- | -- | -- | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| m,p-Xylene | **0.26** | 100 | 1.2 | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| Methyl Acetate | -- | -- | -- | MG/KG | 0.0043 U | 0.0049 U | 0.0043 U |
| Methyl Ethyl Ketone (2-Butanone) | 0.1 | 100 | 0.1 | MG/KG | 0.0043 U | 0.0049 U | 0.0043 U |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | -- | -- | -- | MG/KG | 0.0043 U | 0.0049 U | 0.0043 U |
| Methylcyclohexane | -- | -- | -- | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| Methylene Chloride | 0.05 | 81 | 0.05 | MG/KG | 0.0017 U | 0.002 U | 0.0017 U |
| N-Butylbenzene | **18** | 100 | 18 | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| N-Propylbenzene | **5** | 100 | 5 | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| O-Xylene (1,2-Dimethylbenzene) | 0.26 | 100 | 1.2 | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| Sec-Butylbenzene | 25 | 100 | 25 | MG/KG | 0.00086 UT | 0.00099 UT | 0.00086 UT |
| Styrene | -- | -- | -- | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| T-Butylbenzene | 11 | 100 | 11 | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| Tert-Butyl Methyl Ether | 0.1 | 100 | 0.1 | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| Tetrachloroethylene (PCE) | 1.3 | 18 | 1.3 | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| Toluene | 0.7 | 100 | 0.7 | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| Trans-1,2-Dichloroethene | 0.19 | 100 | 0.19 | MG/KG | 0.00086 UT | 0.00099 UT | 0.00086 U |
| Trans-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| Trichloroethylene (TCE) | 0.47 | 6.4 | 0.47 | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| Trichlorofluoromethane | -- | -- | -- | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| Vinyl Chloride | 0.03 | 0.48 | 0.03 | MG/KG | 0.00086 U | 0.00099 U | 0.00086 U |
| Xylenes | **0.26** | 100 | 1.2 | MG/KG | 0.0017 U | 0.002 U | 0.0017 U |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-11 | ETSB-11 | RX-18 |
| | | | | Sample Date: | 01/15/2026 | 01/15/2026 | 02/15/2024 |
| | | | | Sample Depth (bls): | 2 - 4 ft | 14 - 16 ft | 3 - 4 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| 1,1,1-Trichloroethane (TCA) | 0.68 | 100 | 0.68 | MG/KG | 0.00096 U | 0.00085 U | 0.12 U |
| 1,1,2,2-Tetrachloroethane | -- | -- | -- | MG/KG | 0.00096 U | 0.00085 U | NA |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | -- | -- | -- | MG/KG | 0.00096 U | 0.00085 U | NA |
| 1,1,2-Trichloroethane | -- | -- | -- | MG/KG | 0.00096 U | 0.00085 U | NA |
| 1,1-Dichloroethane | 0.27 | 47 | 0.27 | MG/KG | 0.00096 U | 0.00085 U | 0.12 U |
| 1,1-Dichloroethene | 0.24 | 0.98 | 0.33 | MG/KG | 0.00096 U | 0.00085 U | 0.12 U |
| 1,2,3-Trichlorobenzene | -- | -- | -- | MG/KG | 0.00096 U | 0.00085 U | NA |
| 1,2,4-Trichlorobenzene | -- | -- | -- | MG/KG | 0.00096 U | 0.00085 U | NA |
| 1,2,4-Trimethylbenzene | **5.9** | 100 | 5.9 | MG/KG | 0.00096 U | 0.00085 U | **9.6** |
| 1,2-Dibromo-3-Chloropropane | -- | -- | -- | MG/KG | 0.00096 U | 0.00085 U | NA |
| 1,2-Dibromoethane (Ethylene Dibromide) | -- | -- | -- | MG/KG | 0.00096 U | 0.00085 U | NA |
| 1,2-Dichlorobenzene | 1.1 | 100 | 1.1 | MG/KG | 0.00096 U | 0.00085 U | 0.12 U |
| 1,2-Dichloroethane | 0.02 | 5.8 | 0.02 | MG/KG | 0.00096 U | 0.00085 U | 0.12 U |
| 1,2-Dichloropropane | -- | -- | -- | MG/KG | 0.00096 U | 0.00085 U | NA |
| 1,3,5-Trimethylbenzene (Mesitylene) | 3.1 | 100 | 3.1 | MG/KG | 0.00096 U | 0.00085 U | 0.63 |
| 1,3-Dichlorobenzene | 2.6 | 38 | 2.6 | MG/KG | 0.00096 U | 0.00085 U | 0.12 U |
| 1,4-Dichlorobenzene | 1.8 | 24 | 1.8 | MG/KG | 0.00096 U | 0.00085 U | 0.12 U |
| 2-Hexanone | -- | -- | -- | MG/KG | 0.0048 U | 0.0042 U | NA |
| Acetone | **0.03** | 100 | 0.03 | MG/KG | 0.0079 | 0.0085 | 0.58 U |
| Benzene | 0.06 | 3.7 | 0.06 | MG/KG | 0.00096 U | 0.00085 U | 0.12 U |
| Bromochloromethane | -- | -- | -- | MG/KG | 0.00096 U | 0.00085 U | NA |
| Bromodichloromethane | -- | -- | -- | MG/KG | 0.00096 U | 0.00085 U | NA |
| Bromoform | -- | -- | -- | MG/KG | 0.00096 U | 0.00085 U | NA |
| Bromomethane | -- | -- | -- | MG/KG | 0.0019 U | 0.0017 U | NA |
| Carbon Disulfide | -- | -- | -- | MG/KG | 0.00096 U | 0.00085 U | NA |
| Carbon Tetrachloride | 0.76 | 7.1 | 0.76 | MG/KG | 0.00096 U | 0.00085 U | 0.12 U |
| Chlorobenzene | 4.5 | 100 | 4.5 | MG/KG | 0.00096 U | 0.00085 U | 0.12 U |
| Chloroethane | -- | -- | -- | MG/KG | 0.00096 U | 0.00085 U | NA |
| Chloroform | 0.37 | 24 | 0.37 | MG/KG | 0.00096 U | 0.00085 U | 0.12 U |
| Chloromethane | -- | -- | -- | MG/KG | 0.00096 U | 0.00085 U | NA |
| Cis-1,2-Dichloroethylene | 0.19 | 41 | 0.19 | MG/KG | 0.00096 U | 0.00085 U | 0.12 U |
| Cis-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.00096 U | 0.00085 U | NA |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-11 | ETSB-11 | RX-18 |
| | | | | Sample Date: | 01/15/2026 | 01/15/2026 | 02/15/2024 |
| | | | | Sample Depth (bls): | 2 - 4 ft | 14 - 16 ft | 3 - 4 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Cyclohexane | -- | -- | -- | MG/KG | 0.00096 U | 0.00085 U | NA |
| Dibromochloromethane | -- | -- | -- | MG/KG | 0.00096 U | 0.00085 U | NA |
| Dichlorodifluoromethane | -- | -- | -- | MG/KG | 0.00096 U | 0.00085 U | NA |
| Ethylbenzene | **1** | 76 | 1 | MG/KG | 0.00096 U | 0.00085 U | 0.24 |
| Isopropylbenzene (Cumene) | -- | -- | -- | MG/KG | 0.00096 U | 0.00085 U | NA |
| m,p-Xylene | **0.26** | 100 | 1.2 | MG/KG | 0.00096 U | 0.00085 U | 0.19 |
| Methyl Acetate | -- | -- | -- | MG/KG | 0.0048 U | 0.0042 U | NA |
| Methyl Ethyl Ketone (2-Butanone) | 0.1 | 100 | 0.1 | MG/KG | 0.0048 U | 0.0042 U | 0.58 U |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | -- | -- | -- | MG/KG | 0.0048 U | 0.0042 U | NA |
| Methylcyclohexane | -- | -- | -- | MG/KG | 0.00096 U | 0.00085 U | NA |
| Methylene Chloride | 0.05 | 81 | 0.05 | MG/KG | 0.0019 U | 0.0017 U | 0.12 U |
| N-Butylbenzene | **18** | 100 | 18 | MG/KG | 0.00096 U | 0.00085 U | 3 |
| N-Propylbenzene | **5** | 100 | 5 | MG/KG | 0.00096 U | 0.00085 U | 2.6 |
| O-Xylene (1,2-Dimethylbenzene) | 0.26 | 100 | 1.2 | MG/KG | 0.00096 U | 0.00085 U | 0.12 U |
| Sec-Butylbenzene | 25 | 100 | 25 | MG/KG | 0.00096 UT | 0.00085 UT | 1.1 |
| Styrene | -- | -- | -- | MG/KG | 0.00096 U | 0.00085 U | NA |
| T-Butylbenzene | 11 | 100 | 11 | MG/KG | 0.00096 U | 0.00085 U | 0.12 U |
| Tert-Butyl Methyl Ether | 0.1 | 100 | 0.1 | MG/KG | 0.00096 U | 0.00085 U | 0.12 U |
| Tetrachloroethylene (PCE) | 1.3 | 18 | 1.3 | MG/KG | 0.00096 U | 0.00085 U | 0.12 U |
| Toluene | 0.7 | 100 | 0.7 | MG/KG | 0.00096 U | 0.00085 U | 0.07 J |
| Trans-1,2-Dichloroethene | 0.19 | 100 | 0.19 | MG/KG | 0.00096 U | 0.00085 U | 0.12 U |
| Trans-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.00096 U | 0.00085 U | NA |
| Trichloroethylene (TCE) | 0.47 | 6.4 | 0.47 | MG/KG | 0.00096 U | 0.00085 U | 0.12 U |
| Trichlorofluoromethane | -- | -- | -- | MG/KG | 0.00096 U | 0.00085 U | NA |
| Vinyl Chloride | 0.03 | 0.48 | 0.03 | MG/KG | 0.00096 U | 0.00085 U | 0.12 U |
| Xylenes | **0.26** | 100 | 1.2 | MG/KG | 0.0019 U | 0.0017 U | 0.19 J |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | RX-19 | RX-20 | RX-21 |
| | | | | Sample Date: | 02/15/2024 | 02/15/2024 | 02/15/2024 |
| | | | | Sample Depth (bls): | 3 - 5 ft | 6 - 8 ft | 10 - 12 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| 1,1,1-Trichloroethane (TCA) | 0.68 | 100 | 0.68 | MG/KG | 0.0012 U | 0.0015 U | 0.0015 U |
| 1,1,2,2-Tetrachloroethane | -- | -- | -- | MG/KG | NA | NA | NA |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | -- | -- | -- | MG/KG | NA | NA | NA |
| 1,1,2-Trichloroethane | -- | -- | -- | MG/KG | NA | NA | NA |
| 1,1-Dichloroethane | 0.27 | 47 | 0.27 | MG/KG | 0.0012 U | 0.0015 U | 0.0015 U |
| 1,1-Dichloroethene | 0.24 | 0.98 | 0.33 | MG/KG | 0.0012 U | 0.0015 U | 0.0015 U |
| 1,2,3-Trichlorobenzene | -- | -- | -- | MG/KG | NA | NA | NA |
| 1,2,4-Trichlorobenzene | -- | -- | -- | MG/KG | NA | NA | NA |
| 1,2,4-Trimethylbenzene | **5.9** | 100 | 5.9 | MG/KG | 0.0004 J | 0.0015 U | 0.0015 U |
| 1,2-Dibromo-3-Chloropropane | -- | -- | -- | MG/KG | NA | NA | NA |
| 1,2-Dibromoethane (Ethylene Dibromide) | -- | -- | -- | MG/KG | NA | NA | NA |
| 1,2-Dichlorobenzene | 1.1 | 100 | 1.1 | MG/KG | 0.0012 U | 0.0015 U | 0.0015 U |
| 1,2-Dichloroethane | 0.02 | 5.8 | 0.02 | MG/KG | 0.0012 U | 0.0015 U | 0.0015 U |
| 1,2-Dichloropropane | -- | -- | -- | MG/KG | NA | NA | NA |
| 1,3,5-Trimethylbenzene (Mesitylene) | 3.1 | 100 | 3.1 | MG/KG | 0.0012 U | 0.0015 U | 0.0015 U |
| 1,3-Dichlorobenzene | 2.6 | 38 | 2.6 | MG/KG | 0.0012 U | 0.0015 U | 0.0015 U |
| 1,4-Dichlorobenzene | 1.8 | 24 | 1.8 | MG/KG | 0.0012 U | 0.0015 U | 0.0015 U |
| 2-Hexanone | -- | -- | -- | MG/KG | NA | NA | NA |
| Acetone | **0.03** | 100 | 0.03 | MG/KG | 0.011 | 0.0091 U | 0.0087 U |
| Benzene | 0.06 | 3.7 | 0.06 | MG/KG | 0.0012 U | 0.0015 U | 0.0015 U |
| Bromochloromethane | -- | -- | -- | MG/KG | NA | NA | NA |
| Bromodichloromethane | -- | -- | -- | MG/KG | NA | NA | NA |
| Bromoform | -- | -- | -- | MG/KG | NA | NA | NA |
| Bromomethane | -- | -- | -- | MG/KG | NA | NA | NA |
| Carbon Disulfide | -- | -- | -- | MG/KG | NA | NA | NA |
| Carbon Tetrachloride | 0.76 | 7.1 | 0.76 | MG/KG | 0.0012 U | 0.0015 U | 0.0015 U |
| Chlorobenzene | 4.5 | 100 | 4.5 | MG/KG | 0.0012 U | 0.0015 U | 0.0015 U |
| Chloroethane | -- | -- | -- | MG/KG | NA | NA | NA |
| Chloroform | 0.37 | 24 | 0.37 | MG/KG | 0.0012 U | 0.0015 U | 0.0015 U |
| Chloromethane | -- | -- | -- | MG/KG | NA | NA | NA |
| Cis-1,2-Dichloroethylene | 0.19 | 41 | 0.19 | MG/KG | 0.0012 U | 0.0015 U | 0.0015 U |
| Cis-1,3-Dichloropropene | -- | -- | -- | MG/KG | NA | NA | NA |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | RX-19 | RX-20 | RX-21 |
| | | | | Sample Date: | 02/15/2024 | 02/15/2024 | 02/15/2024 |
| | | | | Sample Depth (bls): | 3 - 5 ft | 6 - 8 ft | 10 - 12 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Cyclohexane | -- | -- | -- | MG/KG | NA | NA | NA |
| Dibromochloromethane | -- | -- | -- | MG/KG | NA | NA | NA |
| Dichlorodifluoromethane | -- | -- | -- | MG/KG | NA | NA | NA |
| Ethylbenzene | **1** | 76 | 1 | MG/KG | 0.0012 U | 0.0015 U | 0.0015 U |
| Isopropylbenzene (Cumene) | -- | -- | -- | MG/KG | NA | NA | NA |
| m,p-Xylene | **0.26** | 100 | 1.2 | MG/KG | 0.0012 U | 0.0015 U | 0.0015 U |
| Methyl Acetate | -- | -- | -- | MG/KG | NA | NA | NA |
| Methyl Ethyl Ketone (2-Butanone) | 0.1 | 100 | 0.1 | MG/KG | 0.006 U | 0.0076 U | 0.0073 U |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | -- | -- | -- | MG/KG | NA | NA | NA |
| Methylcyclohexane | -- | -- | -- | MG/KG | NA | NA | NA |
| Methylene Chloride | 0.05 | 81 | 0.05 | MG/KG | 0.0024 U | 0.003 U | 0.0029 U |
| N-Butylbenzene | **18** | 100 | 18 | MG/KG | 0.0012 U | 0.0015 U | 0.0015 U |
| N-Propylbenzene | **5** | 100 | 5 | MG/KG | 0.0012 U | 0.0015 U | 0.0015 U |
| O-Xylene (1,2-Dimethylbenzene) | 0.26 | 100 | 1.2 | MG/KG | 0.0012 U | 0.0015 U | 0.0015 U |
| Sec-Butylbenzene | 25 | 100 | 25 | MG/KG | 0.0012 U | 0.0015 U | 0.0015 U |
| Styrene | -- | -- | -- | MG/KG | NA | NA | NA |
| T-Butylbenzene | 11 | 100 | 11 | MG/KG | 0.0012 U | 0.0015 U | 0.0015 U |
| Tert-Butyl Methyl Ether | 0.1 | 100 | 0.1 | MG/KG | 0.0012 U | 0.0015 U | 0.0015 U |
| Tetrachloroethylene (PCE) | 1.3 | 18 | 1.3 | MG/KG | 0.0012 U | 0.0015 U | 0.0015 U |
| Toluene | 0.7 | 100 | 0.7 | MG/KG | 0.0012 U | 0.0015 U | 0.0015 U |
| Trans-1,2-Dichloroethene | 0.19 | 100 | 0.19 | MG/KG | 0.0012 U | 0.0015 U | 0.0015 U |
| Trans-1,3-Dichloropropene | -- | -- | -- | MG/KG | NA | NA | NA |
| Trichloroethylene (TCE) | 0.47 | 6.4 | 0.47 | MG/KG | 0.0012 U | 0.0015 U | 0.0015 U |
| Trichlorofluoromethane | -- | -- | -- | MG/KG | NA | NA | NA |
| Vinyl Chloride | 0.03 | 0.48 | 0.03 | MG/KG | 0.0012 U | 0.0015 U | 0.0015 U |
| Xylenes | **0.26** | 100 | 1.2 | MG/KG | 0.0024 U | 0.003 U | 0.0029 U |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | RX-22 | RX-23 | RX-23 |
| | | | | Sample Date: | 09/05/2024 | 09/06/2024 | 09/06/2024 |
| | | | | Sample Depth (bls): | 5 - 6 ft | 5 - 7 ft | 10 - 12 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| 1,1,1-Trichloroethane (TCA) | 0.68 | 100 | 0.68 | MG/KG | 0.0012 U | 0.00097 U | 0.0011 U |
| 1,1,2,2-Tetrachloroethane | -- | -- | -- | MG/KG | NA | NA | NA |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | -- | -- | -- | MG/KG | NA | NA | NA |
| 1,1,2-Trichloroethane | -- | -- | -- | MG/KG | NA | NA | NA |
| 1,1-Dichloroethane | 0.27 | 47 | 0.27 | MG/KG | 0.0012 U | 0.00097 U | 0.0011 U |
| 1,1-Dichloroethene | 0.24 | 0.98 | 0.33 | MG/KG | 0.0012 U | 0.00097 U | 0.0011 U |
| 1,2,3-Trichlorobenzene | -- | -- | -- | MG/KG | NA | NA | NA |
| 1,2,4-Trichlorobenzene | -- | -- | -- | MG/KG | NA | NA | NA |
| 1,2,4-Trimethylbenzene | **5.9** | 100 | 5.9 | MG/KG | 0.00046 J | 0.0067 | 0.0007 J |
| 1,2-Dibromo-3-Chloropropane | -- | -- | -- | MG/KG | NA | NA | NA |
| 1,2-Dibromoethane (Ethylene Dibromide) | -- | -- | -- | MG/KG | NA | NA | NA |
| 1,2-Dichlorobenzene | 1.1 | 100 | 1.1 | MG/KG | 0.0012 U | 0.00097 U | 0.0011 U |
| 1,2-Dichloroethane | 0.02 | 5.8 | 0.02 | MG/KG | 0.0012 U | 0.00097 U | 0.0011 U |
| 1,2-Dichloropropane | -- | -- | -- | MG/KG | NA | NA | NA |
| 1,3,5-Trimethylbenzene (Mesitylene) | 3.1 | 100 | 3.1 | MG/KG | 0.0012 U | 0.00063 J | 0.0011 U |
| 1,3-Dichlorobenzene | 2.6 | 38 | 2.6 | MG/KG | 0.0012 U | 0.00097 U | 0.0011 U |
| 1,4-Dichlorobenzene | 1.8 | 24 | 1.8 | MG/KG | 0.00029 J | 0.00097 U | 0.0011 U |
| 2-Hexanone | -- | -- | -- | MG/KG | NA | NA | NA |
| Acetone | **0.03** | 100 | 0.03 | MG/KG | **0.1** | **0.043** | **0.18** |
| Benzene | 0.06 | 3.7 | 0.06 | MG/KG | 0.0012 U | 0.00097 U | 0.00041 J |
| Bromochloromethane | -- | -- | -- | MG/KG | NA | NA | NA |
| Bromodichloromethane | -- | -- | -- | MG/KG | NA | NA | NA |
| Bromoform | -- | -- | -- | MG/KG | NA | NA | NA |
| Bromomethane | -- | -- | -- | MG/KG | NA | NA | NA |
| Carbon Disulfide | -- | -- | -- | MG/KG | NA | NA | NA |
| Carbon Tetrachloride | 0.76 | 7.1 | 0.76 | MG/KG | 0.0012 U | 0.00097 U | 0.0011 U |
| Chlorobenzene | 4.5 | 100 | 4.5 | MG/KG | 0.0012 U | 0.00097 U | 0.0011 U |
| Chloroethane | -- | -- | -- | MG/KG | NA | NA | NA |
| Chloroform | 0.37 | 24 | 0.37 | MG/KG | 0.0012 U | 0.00097 U | 0.0011 U |
| Chloromethane | -- | -- | -- | MG/KG | NA | NA | NA |
| Cis-1,2-Dichloroethylene | 0.19 | 41 | 0.19 | MG/KG | 0.0012 U | 0.00097 U | 0.0011 U |
| Cis-1,3-Dichloropropene | -- | -- | -- | MG/KG | NA | NA | NA |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | RX-22 | RX-23 | RX-23 |
| | | | | Sample Date: | 09/05/2024 | 09/06/2024 | 09/06/2024 |
| | | | | Sample Depth (bls): | 5 - 6 ft | 5 - 7 ft | 10 - 12 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Cyclohexane | -- | -- | -- | MG/KG | NA | NA | NA |
| Dibromochloromethane | -- | -- | -- | MG/KG | NA | NA | NA |
| Dichlorodifluoromethane | -- | -- | -- | MG/KG | NA | NA | NA |
| Ethylbenzene | **1** | 76 | 1 | MG/KG | 0.0012 U | 0.0011 | 0.0011 U |
| Isopropylbenzene (Cumene) | -- | -- | -- | MG/KG | NA | NA | NA |
| m,p-Xylene | **0.26** | 100 | 1.2 | MG/KG | NA | NA | NA |
| Methyl Acetate | -- | -- | -- | MG/KG | NA | NA | NA |
| Methyl Ethyl Ketone (2-Butanone) | 0.1 | 100 | 0.1 | MG/KG | 0.013 | 0.0074 | 0.046 |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | -- | -- | -- | MG/KG | NA | NA | NA |
| Methylcyclohexane | -- | -- | -- | MG/KG | NA | NA | NA |
| Methylene Chloride | 0.05 | 81 | 0.05 | MG/KG | 0.0023 U | 0.0019 U | 0.0022 U |
| N-Butylbenzene | **18** | 100 | 18 | MG/KG | 0.0012 U | 0.0012 | 0.0011 U |
| N-Propylbenzene | **5** | 100 | 5 | MG/KG | 0.0012 U | 0.00088 J | 0.0011 U |
| O-Xylene (1,2-Dimethylbenzene) | 0.26 | 100 | 1.2 | MG/KG | NA | NA | NA |
| Sec-Butylbenzene | 25 | 100 | 25 | MG/KG | 0.001 J | 0.0015 | 0.00076 J |
| Styrene | -- | -- | -- | MG/KG | NA | NA | NA |
| T-Butylbenzene | 11 | 100 | 11 | MG/KG | 0.0012 U | 0.00028 J | 0.0011 U |
| Tert-Butyl Methyl Ether | 0.1 | 100 | 0.1 | MG/KG | 0.0012 U | 0.00097 U | 0.0011 U |
| Tetrachloroethylene (PCE) | 1.3 | 18 | 1.3 | MG/KG | 0.0012 U | 0.00097 U | 0.0011 U |
| Toluene | 0.7 | 100 | 0.7 | MG/KG | 0.0012 U | 0.0003 J | 0.00027 J |
| Trans-1,2-Dichloroethene | 0.19 | 100 | 0.19 | MG/KG | 0.0012 U | 0.00097 U | 0.0011 U |
| Trans-1,3-Dichloropropene | -- | -- | -- | MG/KG | NA | NA | NA |
| Trichloroethylene (TCE) | 0.47 | 6.4 | 0.47 | MG/KG | 0.0012 U | 0.00097 U | 0.0011 U |
| Trichlorofluoromethane | -- | -- | -- | MG/KG | NA | NA | NA |
| Vinyl Chloride | 0.03 | 0.48 | 0.03 | MG/KG | 0.0012 U | 0.00097 UT | 0.0011 UT |
| Xylenes | **0.26** | 100 | 1.2 | MG/KG | 0.0023 U | 0.00033 J | 0.00023 J |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | RX-24 | RX-24 | RX-25 |
| | | | | Sample Date: | 09/06/2024 | 09/06/2024 | 09/06/2024 |
| | | | | Sample Depth (bls): | 7 - 8 ft | 14 - 15 ft | 3 - 5 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| 1,1,1-Trichloroethane (TCA) | 0.68 | 100 | 0.68 | MG/KG | 0.0011 U | 0.00095 U | 0.0011 U |
| 1,1,2,2-Tetrachloroethane | -- | -- | -- | MG/KG | NA | NA | NA |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | -- | -- | -- | MG/KG | NA | NA | NA |
| 1,1,2-Trichloroethane | -- | -- | -- | MG/KG | NA | NA | NA |
| 1,1-Dichloroethane | 0.27 | 47 | 0.27 | MG/KG | 0.0011 U | 0.00095 U | 0.0011 U |
| 1,1-Dichloroethene | 0.24 | 0.98 | 0.33 | MG/KG | 0.0011 U | 0.00095 U | 0.0011 UT |
| 1,2,3-Trichlorobenzene | -- | -- | -- | MG/KG | NA | NA | NA |
| 1,2,4-Trichlorobenzene | -- | -- | -- | MG/KG | NA | NA | NA |
| 1,2,4-Trimethylbenzene | **5.9** | 100 | 5.9 | MG/KG | 0.11 | 0.00042 J | 0.0012 |
| 1,2-Dibromo-3-Chloropropane | -- | -- | -- | MG/KG | NA | NA | NA |
| 1,2-Dibromoethane (Ethylene Dibromide) | -- | -- | -- | MG/KG | NA | NA | NA |
| 1,2-Dichlorobenzene | 1.1 | 100 | 1.1 | MG/KG | 0.0011 U | 0.00095 U | 0.0011 U |
| 1,2-Dichloroethane | 0.02 | 5.8 | 0.02 | MG/KG | 0.0011 U | 0.00095 U | 0.0011 U |
| 1,2-Dichloropropane | -- | -- | -- | MG/KG | NA | NA | NA |
| 1,3,5-Trimethylbenzene (Mesitylene) | 3.1 | 100 | 3.1 | MG/KG | 0.038 | 0.00095 U | 0.00042 J |
| 1,3-Dichlorobenzene | 2.6 | 38 | 2.6 | MG/KG | 0.0011 U | 0.00095 U | 0.0011 U |
| 1,4-Dichlorobenzene | 1.8 | 24 | 1.8 | MG/KG | 0.0011 U | 0.00095 U | 0.00037 J |
| 2-Hexanone | -- | -- | -- | MG/KG | NA | NA | NA |
| Acetone | **0.03** | 100 | 0.03 | MG/KG | 0.023 | 0.021 | **0.038** |
| Benzene | 0.06 | 3.7 | 0.06 | MG/KG | 0.00035 J | 0.00095 U | 0.0011 U |
| Bromochloromethane | -- | -- | -- | MG/KG | NA | NA | NA |
| Bromodichloromethane | -- | -- | -- | MG/KG | NA | NA | NA |
| Bromoform | -- | -- | -- | MG/KG | NA | NA | NA |
| Bromomethane | -- | -- | -- | MG/KG | NA | NA | NA |
| Carbon Disulfide | -- | -- | -- | MG/KG | NA | NA | NA |
| Carbon Tetrachloride | 0.76 | 7.1 | 0.76 | MG/KG | 0.0011 U | 0.00095 U | 0.0011 U |
| Chlorobenzene | 4.5 | 100 | 4.5 | MG/KG | 0.0011 U | 0.00095 U | 0.0011 U |
| Chloroethane | -- | -- | -- | MG/KG | NA | NA | NA |
| Chloroform | 0.37 | 24 | 0.37 | MG/KG | 0.0011 U | 0.00095 U | 0.0011 U |
| Chloromethane | -- | -- | -- | MG/KG | NA | NA | NA |
| Cis-1,2-Dichloroethylene | 0.19 | 41 | 0.19 | MG/KG | 0.0011 U | 0.00095 U | 0.0011 U |
| Cis-1,3-Dichloropropene | -- | -- | -- | MG/KG | NA | NA | NA |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | RX-24 | RX-24 | RX-25 |
| | | | | Sample Date: | 09/06/2024 | 09/06/2024 | 09/06/2024 |
| | | | | Sample Depth (bls): | 7 - 8 ft | 14 - 15 ft | 3 - 5 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Cyclohexane | -- | -- | -- | MG/KG | NA | NA | NA |
| Dibromochloromethane | -- | -- | -- | MG/KG | NA | NA | NA |
| Dichlorodifluoromethane | -- | -- | -- | MG/KG | NA | NA | NA |
| Ethylbenzene | **1** | 76 | 1 | MG/KG | 0.014 | 0.00095 U | 0.00035 J |
| Isopropylbenzene (Cumene) | -- | -- | -- | MG/KG | NA | NA | NA |
| m,p-Xylene | **0.26** | 100 | 1.2 | MG/KG | NA | NA | NA |
| Methyl Acetate | -- | -- | -- | MG/KG | NA | NA | NA |
| Methyl Ethyl Ketone (2-Butanone) | 0.1 | 100 | 0.1 | MG/KG | 0.0031 J | 0.0021 J | 0.0045 J |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | -- | -- | -- | MG/KG | NA | NA | NA |
| Methylcyclohexane | -- | -- | -- | MG/KG | NA | NA | NA |
| Methylene Chloride | 0.05 | 81 | 0.05 | MG/KG | 0.0023 U | 0.0019 U | 0.0021 U |
| N-Butylbenzene | **18** | 100 | 18 | MG/KG | 0.0047 | 0.0067 | 0.0011 U |
| N-Propylbenzene | **5** | 100 | 5 | MG/KG | 0.011 | 0.0025 | 0.0006 J |
| O-Xylene (1,2-Dimethylbenzene) | 0.26 | 100 | 1.2 | MG/KG | NA | NA | NA |
| Sec-Butylbenzene | 25 | 100 | 25 | MG/KG | 0.0028 | 0.00095 U | 0.0032 |
| Styrene | -- | -- | -- | MG/KG | NA | NA | NA |
| T-Butylbenzene | 11 | 100 | 11 | MG/KG | 0.0011 U | 0.00095 U | 0.00054 J |
| Tert-Butyl Methyl Ether | 0.1 | 100 | 0.1 | MG/KG | 0.0011 U | 0.00095 U | 0.0011 U |
| Tetrachloroethylene (PCE) | 1.3 | 18 | 1.3 | MG/KG | 0.0011 U | 0.00095 U | 0.0011 U |
| Toluene | 0.7 | 100 | 0.7 | MG/KG | 0.00034 J | 0.00095 U | 0.0011 U |
| Trans-1,2-Dichloroethene | 0.19 | 100 | 0.19 | MG/KG | 0.0011 U | 0.00095 U | 0.0011 U |
| Trans-1,3-Dichloropropene | -- | -- | -- | MG/KG | NA | NA | NA |
| Trichloroethylene (TCE) | 0.47 | 6.4 | 0.47 | MG/KG | 0.0011 U | 0.00095 U | 0.0011 U |
| Trichlorofluoromethane | -- | -- | -- | MG/KG | NA | NA | NA |
| Vinyl Chloride | 0.03 | 0.48 | 0.03 | MG/KG | 0.0011 UT | 0.00095 UT | 0.0011 U |
| Xylenes | **0.26** | 100 | 1.2 | MG/KG | 0.075 | 0.0019 U | 0.00024 J |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | RX-3 | RX-3 | RX-5 |
| | | | | Sample Date: | 05/31/2022 | 05/31/2022 | 05/31/2022 |
| | | | | Sample Depth (bls): | 0 - 2 ft | 12 - 14 ft | 0 - 2 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| 1,1,1-Trichloroethane (TCA) | 0.68 | 100 | 0.68 | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| 1,1,2,2-Tetrachloroethane | -- | -- | -- | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | -- | -- | -- | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| 1,1,2-Trichloroethane | -- | -- | -- | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| 1,1-Dichloroethane | 0.27 | 47 | 0.27 | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| 1,1-Dichloroethene | 0.24 | 0.98 | 0.33 | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| 1,2,3-Trichlorobenzene | -- | -- | -- | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| 1,2,4-Trichlorobenzene | -- | -- | -- | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| 1,2,4-Trimethylbenzene | **5.9** | 100 | 5.9 | MG/KG | 0.0011 U | 0.0016 U | 0.0007 J |
| 1,2-Dibromo-3-Chloropropane | -- | -- | -- | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| 1,2-Dibromoethane (Ethylene Dibromide) | -- | -- | -- | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| 1,2-Dichlorobenzene | 1.1 | 100 | 1.1 | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| 1,2-Dichloroethane | 0.02 | 5.8 | 0.02 | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| 1,2-Dichloropropane | -- | -- | -- | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | 3.1 | 100 | 3.1 | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| 1,3-Dichlorobenzene | 2.6 | 38 | 2.6 | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| 1,4-Dichlorobenzene | 1.8 | 24 | 1.8 | MG/KG | 0.0011 U | 0.0016 U | 0.029 |
| 2-Hexanone | -- | -- | -- | MG/KG | 0.0054 U | 0.0078 U | 0.0065 U |
| Acetone | **0.03** | 100 | 0.03 | MG/KG | 0.0065 U | 0.0094 U | **0.035** |
| Benzene | 0.06 | 3.7 | 0.06 | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| Bromochloromethane | -- | -- | -- | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| Bromodichloromethane | -- | -- | -- | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| Bromoform | -- | -- | -- | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| Bromomethane | -- | -- | -- | MG/KG | 0.0022 U | 0.0031 U | 0.0026 U |
| Carbon Disulfide | -- | -- | -- | MG/KG | 0.0011 U | 0.0016 U | 0.0039 |
| Carbon Tetrachloride | 0.76 | 7.1 | 0.76 | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| Chlorobenzene | 4.5 | 100 | 4.5 | MG/KG | 0.0011 U | 0.0016 U | 0.0013 |
| Chloroethane | -- | -- | -- | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| Chloroform | 0.37 | 24 | 0.37 | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| Chloromethane | -- | -- | -- | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| Cis-1,2-Dichloroethylene | 0.19 | 41 | 0.19 | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| Cis-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | RX-3 | RX-3 | RX-5 |
| | | | | Sample Date: | 05/31/2022 | 05/31/2022 | 05/31/2022 |
| | | | | Sample Depth (bls): | 0 - 2 ft | 12 - 14 ft | 0 - 2 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Cyclohexane | -- | -- | -- | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| Dibromochloromethane | -- | -- | -- | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| Dichlorodifluoromethane | -- | -- | -- | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| Ethylbenzene | **1** | 76 | 1 | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| Isopropylbenzene (Cumene) | -- | -- | -- | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| m,p-Xylene | **0.26** | 100 | 1.2 | MG/KG | 0.0011 U | 0.0016 U | 0.00023 J |
| Methyl Acetate | -- | -- | -- | MG/KG | 0.0054 U | 0.0078 U | 0.0065 U |
| Methyl Ethyl Ketone (2-Butanone) | 0.1 | 100 | 0.1 | MG/KG | 0.0054 U | 0.0078 U | 0.0065 U |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | -- | -- | -- | MG/KG | 0.0054 U | 0.0078 U | 0.0065 U |
| Methylcyclohexane | -- | -- | -- | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| Methylene Chloride | 0.05 | 81 | 0.05 | MG/KG | 0.0022 U | 0.0031 U | 0.0026 U |
| N-Butylbenzene | **18** | 100 | 18 | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| N-Propylbenzene | **5** | 100 | 5 | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| O-Xylene (1,2-Dimethylbenzene) | 0.26 | 100 | 1.2 | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| Sec-Butylbenzene | 25 | 100 | 25 | MG/KG | 0.0011 U | 0.0016 U | 0.00091 J |
| Styrene | -- | -- | -- | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| T-Butylbenzene | 11 | 100 | 11 | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| Tert-Butyl Methyl Ether | 0.1 | 100 | 0.1 | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| Tetrachloroethylene (PCE) | 1.3 | 18 | 1.3 | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| Toluene | 0.7 | 100 | 0.7 | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| Trans-1,2-Dichloroethene | 0.19 | 100 | 0.19 | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| Trans-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| Trichloroethylene (TCE) | 0.47 | 6.4 | 0.47 | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| Trichlorofluoromethane | -- | -- | -- | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| Vinyl Chloride | 0.03 | 0.48 | 0.03 | MG/KG | 0.0011 U | 0.0016 U | 0.0013 U |
| Xylenes | **0.26** | 100 | 1.2 | MG/KG | 0.0022 U | 0.0031 U | 0.00023 J |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: RX-5<br>Sample Date: 05/31/2022<br>Sample Depth (bls): 10 - 12 ft<br>Normal Sample or Field Duplicate: N |
|---|---|---|---|---|---|
| 1,1,1-Trichloroethane (TCA) | 0.68 | 100 | 0.68 | MG/KG | 0.0012 U |
| 1,1,2,2-Tetrachloroethane | -- | -- | -- | MG/KG | 0.0012 U |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | -- | -- | -- | MG/KG | 0.0012 U |
| 1,1,2-Trichloroethane | -- | -- | -- | MG/KG | 0.0012 U |
| 1,1-Dichloroethane | 0.27 | 47 | 0.27 | MG/KG | 0.0012 U |
| 1,1-Dichloroethene | 0.24 | 0.98 | 0.33 | MG/KG | 0.0012 U |
| 1,2,3-Trichlorobenzene | -- | -- | -- | MG/KG | 0.0012 U |
| 1,2,4-Trichlorobenzene | -- | -- | -- | MG/KG | 0.0012 U |
| 1,2,4-Trimethylbenzene | **5.9** | 100 | 5.9 | MG/KG | 0.0012 U |
| 1,2-Dibromo-3-Chloropropane | -- | -- | -- | MG/KG | 0.0012 U |
| 1,2-Dibromoethane (Ethylene Dibromide) | -- | -- | -- | MG/KG | 0.0012 U |
| 1,2-Dichlorobenzene | 1.1 | 100 | 1.1 | MG/KG | 0.0012 U |
| 1,2-Dichloroethane | 0.02 | 5.8 | 0.02 | MG/KG | 0.0012 U |
| 1,2-Dichloropropane | -- | -- | -- | MG/KG | 0.0012 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | 3.1 | 100 | 3.1 | MG/KG | 0.0012 U |
| 1,3-Dichlorobenzene | 2.6 | 38 | 2.6 | MG/KG | 0.0012 U |
| 1,4-Dichlorobenzene | 1.8 | 24 | 1.8 | MG/KG | 0.0012 U |
| 2-Hexanone | -- | -- | -- | MG/KG | 0.0059 U |
| Acetone | **0.03** | 100 | 0.03 | MG/KG | 0.0071 U |
| Benzene | 0.06 | 3.7 | 0.06 | MG/KG | 0.0012 U |
| Bromochloromethane | -- | -- | -- | MG/KG | 0.0012 U |
| Bromodichloromethane | -- | -- | -- | MG/KG | 0.0012 U |
| Bromoform | -- | -- | -- | MG/KG | 0.0012 U |
| Bromomethane | -- | -- | -- | MG/KG | 0.0024 U |
| Carbon Disulfide | -- | -- | -- | MG/KG | 0.0012 U |
| Carbon Tetrachloride | 0.76 | 7.1 | 0.76 | MG/KG | 0.0012 U |
| Chlorobenzene | 4.5 | 100 | 4.5 | MG/KG | 0.0012 U |
| Chloroethane | -- | -- | -- | MG/KG | 0.0012 U |
| Chloroform | 0.37 | 24 | 0.37 | MG/KG | 0.0012 U |
| Chloromethane | -- | -- | -- | MG/KG | 0.0012 U |
| Cis-1,2-Dichloroethylene | 0.19 | 41 | 0.19 | MG/KG | 0.0012 U |
| Cis-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.0012 U |

**Table 2. Summary of Volatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | Sample Designation: | | RX-5 |
|---|---|---|---|---|---|
| | | | Sample Date: | | 05/31/2022 |
| | | | Sample Depth (bls): | | 10 - 12 ft |
| | | | Normal Sample or Field Duplicate: | | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | |
| Cyclohexane | -- | -- | -- | MG/KG | 0.0012 U |
| Dibromochloromethane | -- | -- | -- | MG/KG | 0.0012 U |
| Dichlorodifluoromethane | -- | -- | -- | MG/KG | 0.0012 U |
| Ethylbenzene | **1** | 76 | 1 | MG/KG | 0.0012 U |
| Isopropylbenzene (Cumene) | -- | -- | -- | MG/KG | 0.0012 U |
| m,p-Xylene | **0.26** | 100 | 1.2 | MG/KG | 0.0012 U |
| Methyl Acetate | -- | -- | -- | MG/KG | 0.0059 U |
| Methyl Ethyl Ketone (2-Butanone) | 0.1 | 100 | 0.1 | MG/KG | 0.0059 U |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | -- | -- | -- | MG/KG | 0.0059 U |
| Methylcyclohexane | -- | -- | -- | MG/KG | 0.0012 U |
| Methylene Chloride | 0.05 | 81 | 0.05 | MG/KG | 0.0024 U |
| N-Butylbenzene | **18** | 100 | 18 | MG/KG | 0.0012 U |
| N-Propylbenzene | **5** | 100 | 5 | MG/KG | 0.0012 U |
| O-Xylene (1,2-Dimethylbenzene) | 0.26 | 100 | 1.2 | MG/KG | 0.0012 U |
| Sec-Butylbenzene | 25 | 100 | 25 | MG/KG | 0.0012 U |
| Styrene | -- | -- | -- | MG/KG | 0.0012 U |
| T-Butylbenzene | 11 | 100 | 11 | MG/KG | 0.0012 U |
| Tert-Butyl Methyl Ether | 0.1 | 100 | 0.1 | MG/KG | 0.0012 U |
| Tetrachloroethylene (PCE) | 1.3 | 18 | 1.3 | MG/KG | 0.0012 U |
| Toluene | 0.7 | 100 | 0.7 | MG/KG | 0.0012 U |
| Trans-1,2-Dichloroethene | 0.19 | 100 | 0.19 | MG/KG | 0.0012 U |
| Trans-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.0012 U |
| Trichloroethylene (TCE) | 0.47 | 6.4 | 0.47 | MG/KG | 0.0012 U |
| Trichlorofluoromethane | -- | -- | -- | MG/KG | 0.0012 U |
| Vinyl Chloride | 0.03 | 0.48 | 0.03 | MG/KG | 0.0012 U |
| Xylenes | **0.26** | 100 | 1.2 | MG/KG | 0.0024 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: ETSB-01 | ETSB-01 | ETSB-01 |
|---|---|---|---|---|---|---|---|
| | | | | | Sample Date: 01/14/2026 | 01/14/2026 | 01/14/2026 |
| | | | | | Sample Depth (bls): 0 - 2 in | 2 - 4 ft | 2 - 4 ft |
| | | | | | Normal Sample or Field Duplicate: N | N | FD |
| 1,2,4,5-Tetrachlorobenzene | -- | -- | -- | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| 1,4-Dioxane (P-Dioxane) | 0.1 | 5.7 | 0.1 | MG/KG | 0.035 U | 0.033 U | 0.033 U |
| 2,3,4,6-Tetrachlorophenol | -- | -- | -- | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| 2,4,5-Trichlorophenol | -- | -- | -- | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| 2,4,6-Trichlorophenol | -- | -- | -- | MG/KG | 0.14 U | 0.13 U | 0.13 U |
| 2,4-Dichlorophenol | -- | -- | -- | MG/KG | 0.14 U | 0.13 U | 0.13 U |
| 2,4-Dimethylphenol | -- | -- | -- | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| 2,4-Dinitrophenol | -- | -- | -- | MG/KG | 0.28 U | 0.27 U | 0.27 U |
| 2,4-Dinitrotoluene | -- | -- | -- | MG/KG | 0.071 U | 0.067 U | 0.067 U |
| 2,6-Dinitrotoluene | -- | -- | -- | MG/KG | 0.071 U | 0.067 U | 0.067 U |
| 2-Chloronaphthalene | -- | -- | -- | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| 2-Chlorophenol | -- | -- | -- | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| 2-Methylnaphthalene | -- | -- | -- | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| 2-Methylphenol (O-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| 2-Nitroaniline | -- | -- | -- | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| 2-Nitrophenol | -- | -- | -- | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| 3,3'-Dichlorobenzidine | -- | -- | -- | MG/KG | 0.14 U | 0.13 U | 0.13 U |
| 3-Nitroaniline | -- | -- | -- | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| 4,6-Dinitro-2-Methylphenol | -- | -- | -- | MG/KG | 0.28 U | 0.27 U | 0.27 U |
| 4-Bromophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| 4-Chloro-3-Methylphenol | -- | -- | -- | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| 4-Chloroaniline | -- | -- | -- | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| 4-Chlorophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| 4-Methylphenol (P-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| 4-Nitroaniline | -- | -- | -- | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| 4-Nitrophenol | -- | -- | -- | MG/KG | 0.71 U | 0.67 U | 0.67 U |
| Acenaphthene | 20 | 100 | 98 | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| Acenaphthylene | 100 | 100 | 365 | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| Acetophenone | -- | -- | -- | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| Anthracene | 100 | 100 | 1000 | MG/KG | 0.018 J | 0.33 U | 0.33 U |
| Atrazine | -- | -- | -- | MG/KG | 0.14 U | 0.13 U | 0.13 U |
| Benzaldehyde | -- | -- | -- | MG/KG | 0.35 U | 0.33 U | 0.33 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-01 | ETSB-01 | ETSB-01 |
| | | | | Sample Date: | 01/14/2026 | 01/14/2026 | 01/14/2026 |
| | | | | Sample Depth (bls): | 0 - 2 in | 2 - 4 ft | 2 - 4 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | FD |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Benzo(A)Anthracene | **1** | 1.4 | 1 | MG/KG | 0.072 | 0.033 | 0.036 |
| Benzo(A)Pyrene | **1** | 1 | 22 | MG/KG | 0.069 | 0.025 J | 0.026 J |
| Benzo(B)Fluoranthene | **1** | 1.4 | 2.1 | MG/KG | 0.082 | 0.032 J | 0.032 J |
| Benzo(G,H,I)Perylene | **0.64** | 4.9 | 1000 | MG/KG | 0.05 J | 0.017 J | 0.017 J |
| Benzo(K)Fluoranthene | **0.8** | 4.9 | 2 | MG/KG | 0.036 | 0.013 J | 0.019 J |
| Benzyl Butyl Phthalate | -- | -- | -- | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| Biphenyl (Diphenyl) | -- | -- | -- | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| Bis(2-Chloroethoxy) Methane | -- | -- | -- | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether) | -- | -- | -- | MG/KG | 0.035 U | 0.033 U | 0.033 U |
| Bis(2-Chloroisopropyl) Ether | -- | -- | -- | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| Bis(2-Ethylhexyl) Phthalate | -- | -- | -- | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| Caprolactam | -- | -- | -- | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| Carbazole | -- | -- | -- | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| Chrysene | **1** | 4.9 | 1 | MG/KG | 0.076 J | 0.027 J | 0.038 J |
| Cresols, M & P | 0.33 | 100 | 0.33 | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| Dibenz(A,H)Anthracene | **0.33** | 0.33 | 1000 | MG/KG | 0.035 U | 0.033 U | 0.033 U |
| Dibenzofuran | 2.1 | 18 | 110 | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| Diethyl Phthalate | -- | -- | -- | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| Dimethyl Phthalate | -- | -- | -- | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| Di-N-Butyl Phthalate | -- | -- | -- | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| Di-N-Octylphthalate | -- | -- | -- | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| Fluoranthene | 85 | 100 | 1000 | MG/KG | 0.13 J | 0.05 J | 0.059 J |
| Fluorene | 30 | 100 | 386 | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| Hexachlorobenzene | 0.33 | 0.33 | 3.2 | MG/KG | 0.035 U | 0.033 U | 0.033 U |
| Hexachlorobutadiene | -- | -- | -- | MG/KG | 0.071 U | 0.067 U | 0.067 U |
| Hexachlorocyclopentadiene | -- | -- | -- | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| Hexachloroethane | -- | -- | -- | MG/KG | 0.035 U | 0.033 U | 0.033 U |
| Indeno(1,2,3-C,D)Pyrene | **0.5** | 1.4 | 6.6 | MG/KG | 0.069 | 0.036 | 0.038 |
| Isophorone | -- | -- | -- | MG/KG | 0.14 U | 0.13 U | 0.13 U |
| Naphthalene | 12 | 100 | 12 | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| Nitrobenzene | 0.08 | 1.8 | 0.08 | MG/KG | 0.035 U | 0.033 U | 0.033 U |
| N-Nitrosodi-N-Propylamine | -- | -- | -- | MG/KG | 0.035 U | 0.033 U | 0.033 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-01 | ETSB-01 | ETSB-01 |
| | | | | Sample Date: | 01/14/2026 | 01/14/2026 | 01/14/2026 |
| | | | | Sample Depth (bls): | 0 - 2 in | 2 - 4 ft | 2 - 4 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | FD |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| N-Nitrosodiphenylamine | -- | -- | -- | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| Pentachlorophenol | 0.8 | 1.3 | 0.8 | MG/KG | 0.28 U | 0.27 U | 0.27 U |
| Phenanthrene | **1.1** | 4.9 | 1000 | MG/KG | 0.06 J | 0.032 J | 0.022 J |
| Phenol | 0.33 | 100 | 0.33 | MG/KG | 0.35 U | 0.33 U | 0.33 U |
| Pyrene | 64 | 100 | 1000 | MG/KG | 0.11 J | 0.045 J | 0.052 J |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: ETSB-01 | ETSB-01 | ETSB-02 |
|---|---|---|---|---|---|---|---|
| | | | | | Sample Date: 01/14/2026 | 01/14/2026 | 01/16/2026 |
| | | | | | Sample Depth (bls): 6 - 8 ft | 9 - 11 ft | 0 - 2 in |
| | | | | | Normal Sample or Field Duplicate: N | N | N |
| 1,2,4,5-Tetrachlorobenzene | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| 1,4-Dioxane (P-Dioxane) | 0.1 | 5.7 | 0.1 | MG/KG | 0.033 U | 0.033 U | 0.035 U |
| 2,3,4,6-Tetrachlorophenol | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| 2,4,5-Trichlorophenol | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| 2,4,6-Trichlorophenol | -- | -- | -- | MG/KG | 0.13 U | 0.13 U | 0.14 U |
| 2,4-Dichlorophenol | -- | -- | -- | MG/KG | 0.13 U | 0.13 U | 0.14 U |
| 2,4-Dimethylphenol | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| 2,4-Dinitrophenol | -- | -- | -- | MG/KG | 0.27 U | 0.27 U | 0.28 U |
| 2,4-Dinitrotoluene | -- | -- | -- | MG/KG | 0.067 U | 0.067 U | 0.071 U |
| 2,6-Dinitrotoluene | -- | -- | -- | MG/KG | 0.067 U | 0.067 U | 0.071 U |
| 2-Chloronaphthalene | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| 2-Chlorophenol | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| 2-Methylnaphthalene | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| 2-Methylphenol (O-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| 2-Nitroaniline | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| 2-Nitrophenol | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| 3,3'-Dichlorobenzidine | -- | -- | -- | MG/KG | 0.13 U | 0.13 U | 0.14 U |
| 3-Nitroaniline | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| 4,6-Dinitro-2-Methylphenol | -- | -- | -- | MG/KG | 0.27 U | 0.27 U | 0.28 U |
| 4-Bromophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| 4-Chloro-3-Methylphenol | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| 4-Chloroaniline | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| 4-Chlorophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| 4-Methylphenol (P-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| 4-Nitroaniline | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| 4-Nitrophenol | -- | -- | -- | MG/KG | 0.67 U | 0.67 U | 0.71 U |
| Acenaphthene | 20 | 100 | 98 | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| Acenaphthylene | 100 | 100 | 365 | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| Acetophenone | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| Anthracene | 100 | 100 | 1000 | MG/KG | 0.33 U | 0.33 U | 0.026 J |
| Atrazine | -- | -- | -- | MG/KG | 0.13 U | 0.13 U | 0.14 U |
| Benzaldehyde | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.35 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: ETSB-01<br>Sample Date: 01/14/2026<br>Sample Depth (bls): 6 - 8 ft<br>Normal Sample or Field Duplicate: N | Sample Designation: ETSB-01<br>Sample Date: 01/14/2026<br>Sample Depth (bls): 9 - 11 ft<br>Normal Sample or Field Duplicate: N | Sample Designation: ETSB-02<br>Sample Date: 01/16/2026<br>Sample Depth (bls): 0 - 2 in<br>Normal Sample or Field Duplicate: N |
|---|---|---|---|---|---|---|---|
| Benzo(A)Anthracene | **1** | 1.4 | 1 | MG/KG | 0.033 U | 0.033 U | 0.073 |
| Benzo(A)Pyrene | **1** | 1 | 22 | MG/KG | 0.033 U | 0.033 U | 0.066 |
| Benzo(B)Fluoranthene | **1** | 1.4 | 2.1 | MG/KG | 0.033 U | 0.033 U | 0.08 |
| Benzo(G,H,I)Perylene | **0.64** | 4.9 | 1000 | MG/KG | 0.33 U | 0.33 U | 0.05 J |
| Benzo(K)Fluoranthene | **0.8** | 4.9 | 2 | MG/KG | 0.033 U | 0.033 U | 0.028 J |
| Benzyl Butyl Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| Biphenyl (Diphenyl) | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| Bis(2-Chloroethoxy) Methane | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether) | -- | -- | -- | MG/KG | 0.033 U | 0.033 U | 0.035 U |
| Bis(2-Chloroisopropyl) Ether | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| Bis(2-Ethylhexyl) Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| Caprolactam | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| Carbazole | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| Chrysene | **1** | 4.9 | 1 | MG/KG | 0.33 U | 0.33 U | 0.072 J |
| Cresols, M & P | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| Dibenz(A,H)Anthracene | **0.33** | 0.33 | 1000 | MG/KG | 0.033 U | 0.033 U | 0.035 U |
| Dibenzofuran | 2.1 | 18 | 110 | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| Diethyl Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| Dimethyl Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| Di-N-Butyl Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| Di-N-Octylphthalate | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| Fluoranthene | 85 | 100 | 1000 | MG/KG | 0.33 U | 0.33 U | 0.13 J |
| Fluorene | 30 | 100 | 386 | MG/KG | 0.33 U | 0.33 U | 0.018 J |
| Hexachlorobenzene | 0.33 | 0.33 | 3.2 | MG/KG | 0.033 U | 0.033 U | 0.035 U |
| Hexachlorobutadiene | -- | -- | -- | MG/KG | 0.067 U | 0.067 U | 0.071 U |
| Hexachlorocyclopentadiene | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| Hexachloroethane | -- | -- | -- | MG/KG | 0.033 U | 0.033 U | 0.035 U |
| Indeno(1,2,3-C,D)Pyrene | **0.5** | 1.4 | 6.6 | MG/KG | 0.033 U | 0.033 U | 0.05 |
| Isophorone | -- | -- | -- | MG/KG | 0.13 U | 0.13 U | 0.14 U |
| Naphthalene | 12 | 100 | 12 | MG/KG | 0.33 U | 0.33 U | 0.0081 J |
| Nitrobenzene | 0.08 | 1.8 | 0.08 | MG/KG | 0.033 U | 0.033 U | 0.035 U |
| N-Nitrosodi-N-Propylamine | -- | -- | -- | MG/KG | 0.033 U | 0.033 U | 0.035 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-01 | ETSB-01 | ETSB-02 |
| | | | | Sample Date: | 01/14/2026 | 01/14/2026 | 01/16/2026 |
| | | | | Sample Depth (bls): | 6 - 8 ft | 9 - 11 ft | 0 - 2 in |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| N-Nitrosodiphenylamine | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| Pentachlorophenol | 0.8 | 1.3 | 0.8 | MG/KG | 0.27 U | 0.27 U | 0.28 U |
| Phenanthrene | **1.1** | 4.9 | 1000 | MG/KG | 0.33 U | 0.33 U | 0.11 J |
| Phenol | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.33 U | 0.35 U |
| Pyrene | 64 | 100 | 1000 | MG/KG | 0.01 J | 0.33 U | 0.14 J |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: ETSB-02 | ETSB-02 | ETSB-02 |
|---|---|---|---|---|---|---|---|
| | | | | | Sample Date: 01/16/2026 | 01/16/2026 | 01/16/2026 |
| | | | | | Sample Depth (bls): 2 - 4 ft | 12 - 14 ft | 12 - 14 ft |
| | | | | | Normal Sample or Field Duplicate: N | N | FD |
| 1,2,4,5-Tetrachlorobenzene | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| 1,4-Dioxane (P-Dioxane) | 0.1 | 5.7 | 0.1 | MG/KG | 0.033 U | 0.033 U | 0.033 U |
| 2,3,4,6-Tetrachlorophenol | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| 2,4,5-Trichlorophenol | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| 2,4,6-Trichlorophenol | -- | -- | -- | MG/KG | 0.13 U | 0.13 U | 0.13 U |
| 2,4-Dichlorophenol | -- | -- | -- | MG/KG | 0.13 U | 0.13 U | 0.13 U |
| 2,4-Dimethylphenol | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| 2,4-Dinitrophenol | -- | -- | -- | MG/KG | 0.27 UT | 0.26 U | 0.27 U |
| 2,4-Dinitrotoluene | -- | -- | -- | MG/KG | 0.067 U | 0.066 U | 0.067 U |
| 2,6-Dinitrotoluene | -- | -- | -- | MG/KG | 0.067 U | 0.066 U | 0.067 U |
| 2-Chloronaphthalene | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| 2-Chlorophenol | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| 2-Methylnaphthalene | -- | -- | -- | MG/KG | 0.33 UT | 0.33 U | 0.33 U |
| 2-Methylphenol (O-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| 2-Nitroaniline | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| 2-Nitrophenol | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| 3,3'-Dichlorobenzidine | -- | -- | -- | MG/KG | 0.13 U | 0.13 U | 0.13 U |
| 3-Nitroaniline | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| 4,6-Dinitro-2-Methylphenol | -- | -- | -- | MG/KG | 0.27 UT | 0.26 U | 0.27 U |
| 4-Bromophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| 4-Chloro-3-Methylphenol | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| 4-Chloroaniline | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| 4-Chlorophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| 4-Methylphenol (P-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| 4-Nitroaniline | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| 4-Nitrophenol | -- | -- | -- | MG/KG | 0.67 U | 0.66 U | 0.67 U |
| Acenaphthene | 20 | 100 | 98 | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| Acenaphthylene | 100 | 100 | 365 | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| Acetophenone | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| Anthracene | 100 | 100 | 1000 | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| Atrazine | -- | -- | -- | MG/KG | 0.13 U | 0.13 U | 0.13 U |
| Benzaldehyde | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.33 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: ETSB-02<br>Sample Date: 01/16/2026<br>Sample Depth (bls): 2 - 4 ft<br>Normal Sample or Field Duplicate: N | Sample Designation: ETSB-02<br>Sample Date: 01/16/2026<br>Sample Depth (bls): 12 - 14 ft<br>Normal Sample or Field Duplicate: N | Sample Designation: ETSB-02<br>Sample Date: 01/16/2026<br>Sample Depth (bls): 12 - 14 ft<br>Normal Sample or Field Duplicate: FD |
|---|---|---|---|---|---|---|---|
| Benzo(A)Anthracene | **1** | 1.4 | 1 | MG/KG | 0.033 U | 0.033 U | 0.033 U |
| Benzo(A)Pyrene | **1** | 1 | 22 | MG/KG | 0.033 U | 0.033 U | 0.0094 J |
| Benzo(B)Fluoranthene | **1** | 1.4 | 2.1 | MG/KG | 0.033 U | 0.033 U | 0.013 J |
| Benzo(G,H,I)Perylene | **0.64** | 4.9 | 1000 | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| Benzo(K)Fluoranthene | **0.8** | 4.9 | 2 | MG/KG | 0.033 U | 0.033 U | 0.033 U |
| Benzyl Butyl Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| Biphenyl (Diphenyl) | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| Bis(2-Chloroethoxy) Methane | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether) | -- | -- | -- | MG/KG | 0.033 U | 0.033 U | 0.033 U |
| Bis(2-Chloroisopropyl) Ether | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| Bis(2-Ethylhexyl) Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| Caprolactam | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| Carbazole | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| Chrysene | **1** | 4.9 | 1 | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| Cresols, M & P | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| Dibenz(A,H)Anthracene | **0.33** | 0.33 | 1000 | MG/KG | 0.033 U | 0.033 U | 0.033 U |
| Dibenzofuran | 2.1 | 18 | 110 | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| Diethyl Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| Dimethyl Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| Di-N-Butyl Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| Di-N-Octylphthalate | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| Fluoranthene | 85 | 100 | 1000 | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| Fluorene | 30 | 100 | 386 | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| Hexachlorobenzene | 0.33 | 0.33 | 3.2 | MG/KG | 0.033 U | 0.033 U | 0.033 U |
| Hexachlorobutadiene | -- | -- | -- | MG/KG | 0.067 U | 0.066 U | 0.067 U |
| Hexachlorocyclopentadiene | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| Hexachloroethane | -- | -- | -- | MG/KG | 0.033 U | 0.033 U | 0.033 U |
| Indeno(1,2,3-C,D)Pyrene | **0.5** | 1.4 | 6.6 | MG/KG | 0.033 U | 0.033 U | 0.033 U |
| Isophorone | -- | -- | -- | MG/KG | 0.13 U | 0.13 U | 0.13 U |
| Naphthalene | 12 | 100 | 12 | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| Nitrobenzene | 0.08 | 1.8 | 0.08 | MG/KG | 0.033 U | 0.033 U | 0.033 U |
| N-Nitrosodi-N-Propylamine | -- | -- | -- | MG/KG | 0.033 U | 0.033 U | 0.033 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-02 | ETSB-02 | ETSB-02 |
| | | | | Sample Date: | 01/16/2026 | 01/16/2026 | 01/16/2026 |
| | | | | Sample Depth (bls): | 2 - 4 ft | 12 - 14 ft | 12 - 14 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | FD |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| N-Nitrosodiphenylamine | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| Pentachlorophenol | 0.8 | 1.3 | 0.8 | MG/KG | 0.27 U | 0.26 U | 0.27 U |
| Phenanthrene | **1.1** | 4.9 | 1000 | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| Phenol | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.33 U | 0.33 U |
| Pyrene | 64 | 100 | 1000 | MG/KG | 0.33 U | 0.33 U | 0.012 J |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-03 | ETSB-03 | ETSB-03 |
| | | | | Sample Date: | 01/15/2026 | 01/15/2026 | 01/15/2026 |
| | | | | Sample Depth (bls): | 0 - 2 in | 2 - 4 ft | 6 - 8 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| 1,2,4,5-Tetrachlorobenzene | -- | -- | -- | MG/KG | 0.41 U | 0.33 U | 0.33 U |
| 1,4-Dioxane (P-Dioxane) | 0.1 | 5.7 | 0.1 | MG/KG | 0.041 U | 0.033 U | 0.033 U |
| 2,3,4,6-Tetrachlorophenol | -- | -- | -- | MG/KG | 0.41 U | 0.33 U | 0.33 U |
| 2,4,5-Trichlorophenol | -- | -- | -- | MG/KG | 0.41 U | 0.33 U | 0.33 U |
| 2,4,6-Trichlorophenol | -- | -- | -- | MG/KG | 0.16 U | 0.13 U | 0.13 U |
| 2,4-Dichlorophenol | -- | -- | -- | MG/KG | 0.16 U | 0.13 U | 0.13 U |
| 2,4-Dimethylphenol | -- | -- | -- | MG/KG | 0.41 U | 0.33 U | 0.33 U |
| 2,4-Dinitrophenol | -- | -- | -- | MG/KG | 0.33 UT | 0.27 UT | 0.27 UT |
| 2,4-Dinitrotoluene | -- | -- | -- | MG/KG | 0.083 U | 0.068 U | 0.068 U |
| 2,6-Dinitrotoluene | -- | -- | -- | MG/KG | 0.083 U | 0.068 U | 0.068 U |
| 2-Chloronaphthalene | -- | -- | -- | MG/KG | 0.41 U | 0.33 U | 0.33 U |
| 2-Chlorophenol | -- | -- | -- | MG/KG | 0.41 U | 0.33 U | 0.33 U |
| 2-Methylnaphthalene | -- | -- | -- | MG/KG | 0.41 UT | 0.19 JT | 0.33 UT |
| 2-Methylphenol (O-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.41 U | 0.33 U | 0.33 U |
| 2-Nitroaniline | -- | -- | -- | MG/KG | 0.41 U | 0.33 U | 0.33 U |
| 2-Nitrophenol | -- | -- | -- | MG/KG | 0.41 U | 0.33 U | 0.33 U |
| 3,3'-Dichlorobenzidine | -- | -- | -- | MG/KG | 0.16 U | 0.13 U | 0.13 U |
| 3-Nitroaniline | -- | -- | -- | MG/KG | 0.41 U | 0.33 U | 0.33 U |
| 4,6-Dinitro-2-Methylphenol | -- | -- | -- | MG/KG | 0.33 U | 0.27 U | 0.27 U |
| 4-Bromophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.41 U | 0.33 U | 0.33 U |
| 4-Chloro-3-Methylphenol | -- | -- | -- | MG/KG | 0.41 U | 0.33 U | 0.33 U |
| 4-Chloroaniline | -- | -- | -- | MG/KG | 0.41 U | 0.33 U | 0.33 U |
| 4-Chlorophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.41 U | 0.33 U | 0.33 U |
| 4-Methylphenol (P-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.41 U | 0.33 U | 0.33 U |
| 4-Nitroaniline | -- | -- | -- | MG/KG | 0.41 U | 0.33 U | 0.33 U |
| 4-Nitrophenol | -- | -- | -- | MG/KG | 0.83 U | 0.68 U | 0.68 U |
| Acenaphthene | 20 | 100 | 98 | MG/KG | 0.41 U | 3.8 | 0.33 U |
| Acenaphthylene | 100 | 100 | 365 | MG/KG | 0.017 J | 0.13 J | 0.33 U |
| Acetophenone | -- | -- | -- | MG/KG | 0.41 U | 0.33 U | 0.33 U |
| Anthracene | 100 | 100 | 1000 | MG/KG | 0.019 J | 11 | 0.33 U |
| Atrazine | -- | -- | -- | MG/KG | 0.16 UT | 0.13 UT | 0.13 UT |
| Benzaldehyde | -- | -- | -- | MG/KG | 0.41 U | 0.33 U | 0.33 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-03 | ETSB-03 | ETSB-03 |
| | | | | Sample Date: | 01/15/2026 | 01/15/2026 | 01/15/2026 |
| | | | | Sample Depth (bls): | 0 - 2 in | 2 - 4 ft | 6 - 8 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Benzo(A)Anthracene | **1** | 1.4 | 1 | MG/KG | 0.18 | **31** | 0.033 U |
| Benzo(A)Pyrene | **1** | 1 | 22 | MG/KG | 0.19 | **24** | 0.033 U |
| Benzo(B)Fluoranthene | **1** | 1.4 | 2.1 | MG/KG | 0.28 | **33** | 0.033 U |
| Benzo(G,H,I)Perylene | **0.64** | 4.9 | 1000 | MG/KG | 0.15 J | **15** | 0.33 U |
| Benzo(K)Fluoranthene | **0.8** | 4.9 | 2 | MG/KG | 0.094 | **12** | 0.033 U |
| Benzyl Butyl Phthalate | -- | -- | -- | MG/KG | 0.41 U | 0.024 J | 0.33 U |
| Biphenyl (Diphenyl) | -- | -- | -- | MG/KG | 0.41 U | 0.066 J | 0.33 U |
| Bis(2-Chloroethoxy) Methane | -- | -- | -- | MG/KG | 0.41 U | 0.33 U | 0.33 U |
| Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether) | -- | -- | -- | MG/KG | 0.041 U | 0.033 U | 0.033 U |
| Bis(2-Chloroisopropyl) Ether | -- | -- | -- | MG/KG | 0.41 U | 0.33 U | 0.33 U |
| Bis(2-Ethylhexyl) Phthalate | -- | -- | -- | MG/KG | 0.062 J | 0.21 J | 0.33 U |
| Caprolactam | -- | -- | -- | MG/KG | 0.41 UT | 0.33 UT | 0.33 UT |
| Carbazole | -- | -- | -- | MG/KG | 0.41 U | 1.4 | 0.33 U |
| Chrysene | **1** | 4.9 | 1 | MG/KG | 0.2 J | **30** | 0.33 U |
| Cresols, M & P | 0.33 | 100 | 0.33 | MG/KG | 0.41 U | 0.33 U | 0.33 U |
| Dibenz(A,H)Anthracene | **0.33** | 0.33 | 1000 | MG/KG | 0.034 J | **4.7** | 0.033 U |
| Dibenzofuran | 2.1 | 18 | 110 | MG/KG | 0.41 U | 1.5 | 0.33 U |
| Diethyl Phthalate | -- | -- | -- | MG/KG | 0.41 U | 0.33 U | 0.33 U |
| Dimethyl Phthalate | -- | -- | -- | MG/KG | 0.41 U | 0.33 U | 0.33 U |
| Di-N-Butyl Phthalate | -- | -- | -- | MG/KG | 0.41 U | 0.33 U | 0.33 U |
| Di-N-Octylphthalate | -- | -- | -- | MG/KG | 0.41 U | 0.33 U | 0.33 U |
| Fluoranthene | 85 | 100 | 1000 | MG/KG | 0.35 J | 66 | 0.33 U |
| Fluorene | 30 | 100 | 386 | MG/KG | 0.41 U | 3.9 | 0.33 U |
| Hexachlorobenzene | 0.33 | 0.33 | 3.2 | MG/KG | 0.041 U | 0.033 U | 0.033 U |
| Hexachlorobutadiene | -- | -- | -- | MG/KG | 0.083 U | 0.068 U | 0.068 U |
| Hexachlorocyclopentadiene | -- | -- | -- | MG/KG | 0.41 U | 0.33 U | 0.33 U |
| Hexachloroethane | -- | -- | -- | MG/KG | 0.041 U | 0.033 U | 0.033 U |
| Indeno(1,2,3-C,D)Pyrene | **0.5** | 1.4 | 6.6 | MG/KG | 0.15 | **17** | 0.033 U |
| Isophorone | -- | -- | -- | MG/KG | 0.16 U | 0.13 U | 0.13 U |
| Naphthalene | 12 | 100 | 12 | MG/KG | 0.41 U | 0.059 J | 0.33 U |
| Nitrobenzene | 0.08 | 1.8 | 0.08 | MG/KG | 0.041 U | 0.033 U | 0.033 U |
| N-Nitrosodi-N-Propylamine | -- | -- | -- | MG/KG | 0.041 U | 0.033 U | 0.033 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-03 | ETSB-03 | ETSB-03 |
| | | | | Sample Date: | 01/15/2026 | 01/15/2026 | 01/15/2026 |
| | | | | Sample Depth (bls): | 0 - 2 in | 2 - 4 ft | 6 - 8 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| N-Nitrosodiphenylamine | -- | -- | -- | MG/KG | 0.41 U | 0.33 U | 0.33 U |
| Pentachlorophenol | 0.8 | 1.3 | 0.8 | MG/KG | 0.33 U | 0.27 U | 0.27 U |
| Phenanthrene | **1.1** | 4.9 | 1000 | MG/KG | 0.12 J | **43** | 0.33 U |
| Phenol | 0.33 | 100 | 0.33 | MG/KG | 0.41 U | 0.33 U | 0.33 U |
| Pyrene | 64 | 100 | 1000 | MG/KG | 0.32 J | 51 | 0.33 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | ETSB-03 01/15/2026 10 - 12 ft N | ETSB-03 01/15/2026 14 - 16 ft N | ETSB-04 01/13/2026 0 - 2 in N |
|---|---|---|---|---|---|---|---|
| 1,2,4,5-Tetrachlorobenzene | -- | -- | -- | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| 1,4-Dioxane (P-Dioxane) | 0.1 | 5.7 | 0.1 | MG/KG | 0.037 U | 0.035 U | 0.036 U |
| 2,3,4,6-Tetrachlorophenol | -- | -- | -- | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| 2,4,5-Trichlorophenol | -- | -- | -- | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| 2,4,6-Trichlorophenol | -- | -- | -- | MG/KG | 0.15 U | 0.14 U | 0.14 U |
| 2,4-Dichlorophenol | -- | -- | -- | MG/KG | 0.15 U | 0.14 U | 0.14 U |
| 2,4-Dimethylphenol | -- | -- | -- | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| 2,4-Dinitrophenol | -- | -- | -- | MG/KG | 0.3 UT | 0.28 UT | 0.29 U |
| 2,4-Dinitrotoluene | -- | -- | -- | MG/KG | 0.074 U | 0.071 U | 0.073 U |
| 2,6-Dinitrotoluene | -- | -- | -- | MG/KG | 0.074 U | 0.071 U | 0.073 U |
| 2-Chloronaphthalene | -- | -- | -- | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| 2-Chlorophenol | -- | -- | -- | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| 2-Methylnaphthalene | -- | -- | -- | MG/KG | 0.37 UT | 0.35 UT | 0.36 U |
| 2-Methylphenol (O-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| 2-Nitroaniline | -- | -- | -- | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| 2-Nitrophenol | -- | -- | -- | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| 3,3'-Dichlorobenzidine | -- | -- | -- | MG/KG | 0.15 U | 0.14 U | 0.14 U |
| 3-Nitroaniline | -- | -- | -- | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| 4,6-Dinitro-2-Methylphenol | -- | -- | -- | MG/KG | 0.3 U | 0.28 U | 0.29 U |
| 4-Bromophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| 4-Chloro-3-Methylphenol | -- | -- | -- | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| 4-Chloroaniline | -- | -- | -- | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| 4-Chlorophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| 4-Methylphenol (P-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| 4-Nitroaniline | -- | -- | -- | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| 4-Nitrophenol | -- | -- | -- | MG/KG | 0.74 U | 0.71 U | 0.73 U |
| Acenaphthene | 20 | 100 | 98 | MG/KG | 0.37 U | 0.35 U | 0.086 J |
| Acenaphthylene | 100 | 100 | 365 | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| Acetophenone | -- | -- | -- | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| Anthracene | 100 | 100 | 1000 | MG/KG | 0.37 U | 0.35 U | 0.15 J |
| Atrazine | -- | -- | -- | MG/KG | 0.15 UT | 0.14 UT | 0.14 U |
| Benzaldehyde | -- | -- | -- | MG/KG | 0.37 U | 0.35 U | 0.36 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: ETSB-03 | ETSB-03 | ETSB-04 |
|---|---|---|---|---|---|---|---|
| | | | | | Sample Date: 01/15/2026 | 01/15/2026 | 01/13/2026 |
| | | | | | Sample Depth (bls): 10 - 12 ft | 14 - 16 ft | 0 - 2 in |
| | | | | | Normal Sample or Field Duplicate: N | N | N |
| Benzo(A)Anthracene | **1** | 1.4 | 1 | MG/KG | 0.037 U | 0.035 U | 0.66 |
| Benzo(A)Pyrene | **1** | 1 | 22 | MG/KG | 0.021 J | 0.035 U | 0.66 |
| Benzo(B)Fluoranthene | **1** | 1.4 | 2.1 | MG/KG | 0.029 J | 0.035 U | 1 |
| Benzo(G,H,I)Perylene | **0.64** | 4.9 | 1000 | MG/KG | 0.016 J | 0.35 U | 0.32 J |
| Benzo(K)Fluoranthene | **0.8** | 4.9 | 2 | MG/KG | 0.01 J | 0.035 U | 0.38 |
| Benzyl Butyl Phthalate | -- | -- | -- | MG/KG | 0.37 U | 0.35 U | 0.025 J |
| Biphenyl (Diphenyl) | -- | -- | -- | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| Bis(2-Chloroethoxy) Methane | -- | -- | -- | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether) | -- | -- | -- | MG/KG | 0.037 U | 0.035 U | 0.036 U |
| Bis(2-Chloroisopropyl) Ether | -- | -- | -- | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| Bis(2-Ethylhexyl) Phthalate | -- | -- | -- | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| Caprolactam | -- | -- | -- | MG/KG | 0.37 UT | 0.35 UT | 0.36 U |
| Carbazole | -- | -- | -- | MG/KG | 0.37 U | 0.35 U | 0.084 J |
| Chrysene | **1** | 4.9 | 1 | MG/KG | 0.019 J | 0.35 U | 0.82 |
| Cresols, M & P | 0.33 | 100 | 0.33 | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| Dibenz(A,H)Anthracene | **0.33** | 0.33 | 1000 | MG/KG | 0.037 U | 0.035 U | 0.081 |
| Dibenzofuran | 2.1 | 18 | 110 | MG/KG | 0.37 U | 0.35 U | 0.039 J |
| Diethyl Phthalate | -- | -- | -- | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| Dimethyl Phthalate | -- | -- | -- | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| Di-N-Butyl Phthalate | -- | -- | -- | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| Di-N-Octylphthalate | -- | -- | -- | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| Fluoranthene | 85 | 100 | 1000 | MG/KG | 0.038 J | 0.35 U | 2.1 |
| Fluorene | 30 | 100 | 386 | MG/KG | 0.37 U | 0.35 U | 0.1 J |
| Hexachlorobenzene | 0.33 | 0.33 | 3.2 | MG/KG | 0.037 U | 0.035 U | 0.036 U |
| Hexachlorobutadiene | -- | -- | -- | MG/KG | 0.074 U | 0.071 U | 0.073 U |
| Hexachlorocyclopentadiene | -- | -- | -- | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| Hexachloroethane | -- | -- | -- | MG/KG | 0.037 U | 0.035 U | 0.036 U |
| Indeno(1,2,3-C,D)Pyrene | **0.5** | 1.4 | 6.6 | MG/KG | 0.016 J | 0.035 U | 0.31 |
| Isophorone | -- | -- | -- | MG/KG | 0.15 U | 0.14 U | 0.14 U |
| Naphthalene | 12 | 100 | 12 | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| Nitrobenzene | 0.08 | 1.8 | 0.08 | MG/KG | 0.037 U | 0.035 U | 0.036 U |
| N-Nitrosodi-N-Propylamine | -- | -- | -- | MG/KG | 0.037 U | 0.035 U | 0.036 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-03 | ETSB-03 | ETSB-04 |
| | | | | Sample Date: | 01/15/2026 | 01/15/2026 | 01/13/2026 |
| | | | | Sample Depth (bls): | 10 - 12 ft | 14 - 16 ft | 0 - 2 in |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| N-Nitrosodiphenylamine | -- | -- | -- | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| Pentachlorophenol | 0.8 | 1.3 | 0.8 | MG/KG | 0.3 U | 0.28 U | 0.29 U |
| Phenanthrene | **1.1** | 4.9 | 1000 | MG/KG | 0.017 J | 0.35 U | 1 |
| Phenol | 0.33 | 100 | 0.33 | MG/KG | 0.37 U | 0.35 U | 0.36 U |
| Pyrene | 64 | 100 | 1000 | MG/KG | 0.036 J | 0.35 U | 1.4 |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: ETSB-04<br>Sample Date: 01/13/2026<br>Sample Depth (bls): 2 - 4 ft<br>Normal Sample or Field Duplicate: N | Sample Designation: ETSB-05<br>Sample Date: 01/13/2026<br>Sample Depth (bls): 0 - 2 in<br>Normal Sample or Field Duplicate: N | Sample Designation: ETSB-05<br>Sample Date: 01/13/2026<br>Sample Depth (bls): 2 - 4 ft<br>Normal Sample or Field Duplicate: N |
|---|---|---|---|---|---|---|---|
| 1,2,4,5-Tetrachlorobenzene | -- | -- | -- | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| 1,4-Dioxane (P-Dioxane) | 0.1 | 5.7 | 0.1 | MG/KG | 0.034 U | 0.036 U | 0.033 U |
| 2,3,4,6-Tetrachlorophenol | -- | -- | -- | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| 2,4,5-Trichlorophenol | -- | -- | -- | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| 2,4,6-Trichlorophenol | -- | -- | -- | MG/KG | 0.14 U | 0.14 U | 0.13 U |
| 2,4-Dichlorophenol | -- | -- | -- | MG/KG | 0.14 U | 0.14 U | 0.13 U |
| 2,4-Dimethylphenol | -- | -- | -- | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| 2,4-Dinitrophenol | -- | -- | -- | MG/KG | 0.27 U | 0.29 U | 0.27 U |
| 2,4-Dinitrotoluene | -- | -- | -- | MG/KG | 0.069 U | 0.073 U | 0.067 U |
| 2,6-Dinitrotoluene | -- | -- | -- | MG/KG | 0.069 U | 0.073 U | 0.067 U |
| 2-Chloronaphthalene | -- | -- | -- | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| 2-Chlorophenol | -- | -- | -- | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| 2-Methylnaphthalene | -- | -- | -- | MG/KG | 0.34 U | 0.36 U | 0.01 J |
| 2-Methylphenol (O-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| 2-Nitroaniline | -- | -- | -- | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| 2-Nitrophenol | -- | -- | -- | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| 3,3'-Dichlorobenzidine | -- | -- | -- | MG/KG | 0.14 U | 0.14 U | 0.13 U |
| 3-Nitroaniline | -- | -- | -- | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| 4,6-Dinitro-2-Methylphenol | -- | -- | -- | MG/KG | 0.27 U | 0.29 U | 0.27 U |
| 4-Bromophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| 4-Chloro-3-Methylphenol | -- | -- | -- | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| 4-Chloroaniline | -- | -- | -- | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| 4-Chlorophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| 4-Methylphenol (P-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| 4-Nitroaniline | -- | -- | -- | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| 4-Nitrophenol | -- | -- | -- | MG/KG | 0.69 U | 0.73 U | 0.67 U |
| Acenaphthene | 20 | 100 | 98 | MG/KG | 0.01 J | 0.36 U | 0.018 J |
| Acenaphthylene | 100 | 100 | 365 | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| Acetophenone | -- | -- | -- | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| Anthracene | 100 | 100 | 1000 | MG/KG | 0.34 U | 0.36 U | 0.041 J |
| Atrazine | -- | -- | -- | MG/KG | 0.14 U | 0.14 U | 0.13 U |
| Benzaldehyde | -- | -- | -- | MG/KG | 0.34 U | 0.36 U | 0.33 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: ETSB-04<br>Sample Date: 01/13/2026<br>Sample Depth (bls): 2 - 4 ft<br>Normal Sample or Field Duplicate: N | Sample Designation: ETSB-05<br>Sample Date: 01/13/2026<br>Sample Depth (bls): 0 - 2 in<br>Normal Sample or Field Duplicate: N | Sample Designation: ETSB-05<br>Sample Date: 01/13/2026<br>Sample Depth (bls): 2 - 4 ft<br>Normal Sample or Field Duplicate: N |
|---|---|---|---|---|---|---|---|
| Benzo(A)Anthracene | **1** | 1.4 | 1 | MG/KG | 0.057 | 0.036 U | 0.13 |
| Benzo(A)Pyrene | **1** | 1 | 22 | MG/KG | 0.051 | 0.036 U | 0.12 |
| Benzo(B)Fluoranthene | **1** | 1.4 | 2.1 | MG/KG | 0.075 | 0.036 U | 0.16 |
| Benzo(G,H,I)Perylene | **0.64** | 4.9 | 1000 | MG/KG | 0.04 J | 0.36 U | 0.083 J |
| Benzo(K)Fluoranthene | **0.8** | 4.9 | 2 | MG/KG | 0.031 J | 0.036 U | 0.06 |
| Benzyl Butyl Phthalate | -- | -- | -- | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| Biphenyl (Diphenyl) | -- | -- | -- | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| Bis(2-Chloroethoxy) Methane | -- | -- | -- | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether) | -- | -- | -- | MG/KG | 0.034 U | 0.036 U | 0.033 U |
| Bis(2-Chloroisopropyl) Ether | -- | -- | -- | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| Bis(2-Ethylhexyl) Phthalate | -- | -- | -- | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| Caprolactam | -- | -- | -- | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| Carbazole | -- | -- | -- | MG/KG | 0.34 U | 0.36 U | 0.03 J |
| Chrysene | **1** | 4.9 | 1 | MG/KG | 0.069 J | 0.36 U | 0.13 J |
| Cresols, M & P | 0.33 | 100 | 0.33 | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| Dibenz(A,H)Anthracene | **0.33** | 0.33 | 1000 | MG/KG | 0.034 U | 0.036 U | 0.023 J |
| Dibenzofuran | 2.1 | 18 | 110 | MG/KG | 0.34 U | 0.36 U | 0.015 J |
| Diethyl Phthalate | -- | -- | -- | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| Dimethyl Phthalate | -- | -- | -- | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| Di-N-Butyl Phthalate | -- | -- | -- | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| Di-N-Octylphthalate | -- | -- | -- | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| Fluoranthene | 85 | 100 | 1000 | MG/KG | 0.14 J | 0.36 U | 0.27 J |
| Fluorene | 30 | 100 | 386 | MG/KG | 0.34 U | 0.36 U | 0.018 J |
| Hexachlorobenzene | 0.33 | 0.33 | 3.2 | MG/KG | 0.034 U | 0.036 U | 0.033 U |
| Hexachlorobutadiene | -- | -- | -- | MG/KG | 0.069 U | 0.073 U | 0.067 U |
| Hexachlorocyclopentadiene | -- | -- | -- | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| Hexachloroethane | -- | -- | -- | MG/KG | 0.034 U | 0.036 U | 0.033 U |
| Indeno(1,2,3-C,D)Pyrene | **0.5** | 1.4 | 6.6 | MG/KG | 0.04 | 0.036 U | 0.091 |
| Isophorone | -- | -- | -- | MG/KG | 0.14 U | 0.14 U | 0.13 U |
| Naphthalene | 12 | 100 | 12 | MG/KG | 0.34 U | 0.36 U | 0.023 J |
| Nitrobenzene | 0.08 | 1.8 | 0.08 | MG/KG | 0.034 U | 0.036 U | 0.033 U |
| N-Nitrosodi-N-Propylamine | -- | -- | -- | MG/KG | 0.034 U | 0.036 U | 0.033 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-04 | ETSB-05 | ETSB-05 |
| | | | | Sample Date: | 01/13/2026 | 01/13/2026 | 01/13/2026 |
| | | | | Sample Depth (bls): | 2 - 4 ft | 0 - 2 in | 2 - 4 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| N-Nitrosodiphenylamine | -- | -- | -- | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| Pentachlorophenol | 0.8 | 1.3 | 0.8 | MG/KG | 0.27 U | 0.29 U | 0.27 U |
| Phenanthrene | **1.1** | 4.9 | 1000 | MG/KG | 0.075 J | 0.36 U | 0.24 J |
| Phenol | 0.33 | 100 | 0.33 | MG/KG | 0.34 U | 0.36 U | 0.33 U |
| Pyrene | 64 | 100 | 1000 | MG/KG | 0.12 J | 0.014 J | 0.24 J |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-06 | ETSB-06 | ETSB-06 |
| | | | | Sample Date: | 01/20/2026 | 01/20/2026 | 01/20/2026 |
| | | | | Sample Depth (bls): | 0 - 2 in | 2 - 4 ft | 6 - 8 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| 1,2,4,5-Tetrachlorobenzene | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.34 U |
| 1,4-Dioxane (P-Dioxane) | 0.1 | 5.7 | 0.1 | MG/KG | 0.035 U | 0.034 U | 0.034 U |
| 2,3,4,6-Tetrachlorophenol | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.34 U |
| 2,4,5-Trichlorophenol | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.34 U |
| 2,4,6-Trichlorophenol | -- | -- | -- | MG/KG | 0.14 U | 0.14 U | 0.14 U |
| 2,4-Dichlorophenol | -- | -- | -- | MG/KG | 0.14 U | 0.14 U | 0.14 U |
| 2,4-Dimethylphenol | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.34 U |
| 2,4-Dinitrophenol | -- | -- | -- | MG/KG | 0.28 UT | 0.28 UT | 0.27 UT |
| 2,4-Dinitrotoluene | -- | -- | -- | MG/KG | 0.07 U | 0.069 U | 0.068 U |
| 2,6-Dinitrotoluene | -- | -- | -- | MG/KG | 0.07 U | 0.069 U | 0.068 U |
| 2-Chloronaphthalene | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.34 U |
| 2-Chlorophenol | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.34 U |
| 2-Methylnaphthalene | -- | -- | -- | MG/KG | 0.024 J | 0.013 J | 0.34 U |
| 2-Methylphenol (O-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.35 U | 0.34 U | 0.34 U |
| 2-Nitroaniline | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.34 U |
| 2-Nitrophenol | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.34 U |
| 3,3'-Dichlorobenzidine | -- | -- | -- | MG/KG | 0.14 U | 0.14 U | 0.14 U |
| 3-Nitroaniline | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.34 U |
| 4,6-Dinitro-2-Methylphenol | -- | -- | -- | MG/KG | 0.28 U | 0.28 U | 0.27 U |
| 4-Bromophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.34 U |
| 4-Chloro-3-Methylphenol | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.34 U |
| 4-Chloroaniline | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.34 U |
| 4-Chlorophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.34 U |
| 4-Methylphenol (P-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.35 U | 0.34 U | 0.34 U |
| 4-Nitroaniline | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.34 U |
| 4-Nitrophenol | -- | -- | -- | MG/KG | 0.7 U | 0.69 U | 0.68 U |
| Acenaphthene | 20 | 100 | 98 | MG/KG | 0.35 | 0.014 J | 0.34 U |
| Acenaphthylene | 100 | 100 | 365 | MG/KG | 0.027 J | 0.039 J | 0.34 U |
| Acetophenone | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.34 U |
| Anthracene | 100 | 100 | 1000 | MG/KG | 1.6 | 0.062 J | 0.011 J |
| Atrazine | -- | -- | -- | MG/KG | 0.14 U | 0.14 U | 0.14 U |
| Benzaldehyde | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.34 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: ETSB-06<br>Sample Date: 01/20/2026<br>Sample Depth (bls): 0 - 2 in<br>Normal Sample or Field Duplicate: N | Sample Designation: ETSB-06<br>Sample Date: 01/20/2026<br>Sample Depth (bls): 2 - 4 ft<br>Normal Sample or Field Duplicate: N | Sample Designation: ETSB-06<br>Sample Date: 01/20/2026<br>Sample Depth (bls): 6 - 8 ft<br>Normal Sample or Field Duplicate: N |
|---|---|---|---|---|---|---|---|
| Benzo(A)Anthracene | **1** | 1.4 | 1 | MG/KG | **6.1** | 0.36 | 0.061 |
| Benzo(A)Pyrene | **1** | 1 | 22 | MG/KG | **5.7** | 0.4 | 0.057 |
| Benzo(B)Fluoranthene | **1** | 1.4 | 2.1 | MG/KG | **6.3** | 0.55 | 0.085 |
| Benzo(G,H,I)Perylene | **0.64** | 4.9 | 1000 | MG/KG | **3.2** | 0.25 J | 0.04 J |
| Benzo(K)Fluoranthene | **0.8** | 4.9 | 2 | MG/KG | **2.9** | 0.2 | 0.03 J |
| Benzyl Butyl Phthalate | -- | -- | -- | MG/KG | 0.042 J | 0.34 U | 0.34 U |
| Biphenyl (Diphenyl) | -- | -- | -- | MG/KG | 0.013 J | 0.34 U | 0.34 U |
| Bis(2-Chloroethoxy) Methane | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.34 U |
| Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether) | -- | -- | -- | MG/KG | 0.035 U | 0.034 U | 0.034 U |
| Bis(2-Chloroisopropyl) Ether | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.34 U |
| Bis(2-Ethylhexyl) Phthalate | -- | -- | -- | MG/KG | 0.22 J | 0.085 J | 0.34 U |
| Caprolactam | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.34 U |
| Carbazole | -- | -- | -- | MG/KG | 0.43 | 0.032 J | 0.34 U |
| Chrysene | **1** | 4.9 | 1 | MG/KG | **6.9** | 0.39 | 0.065 J |
| Cresols, M & P | 0.33 | 100 | 0.33 | MG/KG | 0.35 U | 0.34 U | 0.34 U |
| Dibenz(A,H)Anthracene | **0.33** | 0.33 | 1000 | MG/KG | **0.84** | 0.059 | 0.034 U |
| Dibenzofuran | 2.1 | 18 | 110 | MG/KG | 0.15 J | 0.34 U | 0.34 U |
| Diethyl Phthalate | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.34 U |
| Dimethyl Phthalate | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.34 U |
| Di-N-Butyl Phthalate | -- | -- | -- | MG/KG | 0.1 J | 0.34 U | 0.34 U |
| Di-N-Octylphthalate | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.34 U |
| Fluoranthene | 85 | 100 | 1000 | MG/KG | 11 | 0.66 | 0.099 J |
| Fluorene | 30 | 100 | 386 | MG/KG | 0.36 | 0.013 J | 0.34 U |
| Hexachlorobenzene | 0.33 | 0.33 | 3.2 | MG/KG | 0.035 U | 0.034 U | 0.034 U |
| Hexachlorobutadiene | -- | -- | -- | MG/KG | 0.07 U | 0.069 U | 0.068 U |
| Hexachlorocyclopentadiene | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.34 U |
| Hexachloroethane | -- | -- | -- | MG/KG | 0.035 U | 0.034 U | 0.034 U |
| Indeno(1,2,3-C,D)Pyrene | **0.5** | 1.4 | 6.6 | MG/KG | **3.4** | 0.24 | 0.036 |
| Isophorone | -- | -- | -- | MG/KG | 0.14 U | 0.14 U | 0.14 U |
| Naphthalene | 12 | 100 | 12 | MG/KG | 0.029 J | 0.015 J | 0.34 U |
| Nitrobenzene | 0.08 | 1.8 | 0.08 | MG/KG | 0.035 U | 0.034 U | 0.034 U |
| N-Nitrosodi-N-Propylamine | -- | -- | -- | MG/KG | 0.035 U | 0.034 U | 0.034 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-06 | ETSB-06 | ETSB-06 |
| | | | | Sample Date: | 01/20/2026 | 01/20/2026 | 01/20/2026 |
| | | | | Sample Depth (bls): | 0 - 2 in | 2 - 4 ft | 6 - 8 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| N-Nitrosodiphenylamine | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.34 U |
| Pentachlorophenol | 0.8 | 1.3 | 0.8 | MG/KG | 0.28 U | 0.28 U | 0.27 U |
| Phenanthrene | **1.1** | 4.9 | 1000 | MG/KG | **6.7** | 0.28 J | 0.044 J |
| Phenol | 0.33 | 100 | 0.33 | MG/KG | 0.35 U | 0.34 U | 0.34 U |
| Pyrene | 64 | 100 | 1000 | MG/KG | 7.7 | 0.6 | 0.092 J |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | ETSB-06 01/20/2026 8 - 10 ft N | ETSB-06 01/20/2026 10 - 12 ft N | ETSB-07 01/12/2026 0 - 2 in N |
|---|---|---|---|---|---|---|---|
| 1,2,4,5-Tetrachlorobenzene | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| 1,4-Dioxane (P-Dioxane) | 0.1 | 5.7 | 0.1 | MG/KG | 0.033 U | 0.033 U | 0.036 U |
| 2,3,4,6-Tetrachlorophenol | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| 2,4,5-Trichlorophenol | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| 2,4,6-Trichlorophenol | -- | -- | -- | MG/KG | 0.13 U | 0.13 U | 0.14 U |
| 2,4-Dichlorophenol | -- | -- | -- | MG/KG | 0.13 U | 0.13 U | 0.14 U |
| 2,4-Dimethylphenol | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| 2,4-Dinitrophenol | -- | -- | -- | MG/KG | 0.27 UT | 0.27 UT | 0.29 U |
| 2,4-Dinitrotoluene | -- | -- | -- | MG/KG | 0.067 U | 0.067 U | 0.073 U |
| 2,6-Dinitrotoluene | -- | -- | -- | MG/KG | 0.067 U | 0.067 U | 0.073 U |
| 2-Chloronaphthalene | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| 2-Chlorophenol | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| 2-Methylnaphthalene | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.013 J |
| 2-Methylphenol (O-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| 2-Nitroaniline | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| 2-Nitrophenol | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| 3,3'-Dichlorobenzidine | -- | -- | -- | MG/KG | 0.13 U | 0.13 U | 0.14 U |
| 3-Nitroaniline | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| 4,6-Dinitro-2-Methylphenol | -- | -- | -- | MG/KG | 0.27 U | 0.27 U | 0.29 U |
| 4-Bromophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| 4-Chloro-3-Methylphenol | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| 4-Chloroaniline | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| 4-Chlorophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| 4-Methylphenol (P-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| 4-Nitroaniline | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| 4-Nitrophenol | -- | -- | -- | MG/KG | 0.67 U | 0.67 U | 0.73 U |
| Acenaphthene | 20 | 100 | 98 | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| Acenaphthylene | 100 | 100 | 365 | MG/KG | 0.33 U | 0.33 U | 0.045 J |
| Acetophenone | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| Anthracene | 100 | 100 | 1000 | MG/KG | 0.33 U | 0.33 U | 0.048 J |
| Atrazine | -- | -- | -- | MG/KG | 0.13 U | 0.13 U | 0.14 U |
| Benzaldehyde | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.36 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: ETSB-06 | ETSB-06 | ETSB-07 |
|---|---|---|---|---|---|---|---|
| | | | | | Sample Date: 01/20/2026 | 01/20/2026 | 01/12/2026 |
| | | | | | Sample Depth (bls): 8 - 10 ft | 10 - 12 ft | 0 - 2 in |
| | | | | | Normal Sample or Field Duplicate: N | N | N |
| Benzo(A)Anthracene | **1** | 1.4 | 1 | MG/KG | 0.033 U | 0.033 U | 0.24 |
| Benzo(A)Pyrene | **1** | 1 | 22 | MG/KG | 0.033 U | 0.033 U | 0.33 |
| Benzo(B)Fluoranthene | **1** | 1.4 | 2.1 | MG/KG | 0.033 U | 0.033 U | 0.42 |
| Benzo(G,H,I)Perylene | **0.64** | 4.9 | 1000 | MG/KG | 0.33 U | 0.33 U | 0.25 J |
| Benzo(K)Fluoranthene | **0.8** | 4.9 | 2 | MG/KG | 0.033 U | 0.033 U | 0.16 |
| Benzyl Butyl Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| Biphenyl (Diphenyl) | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| Bis(2-Chloroethoxy) Methane | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether) | -- | -- | -- | MG/KG | 0.033 U | 0.033 U | 0.036 U |
| Bis(2-Chloroisopropyl) Ether | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| Bis(2-Ethylhexyl) Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| Caprolactam | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| Carbazole | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.018 J |
| Chrysene | **1** | 4.9 | 1 | MG/KG | 0.33 U | 0.33 U | 0.25 J |
| Cresols, M & P | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| Dibenz(A,H)Anthracene | **0.33** | 0.33 | 1000 | MG/KG | 0.033 U | 0.033 U | 0.056 |
| Dibenzofuran | 2.1 | 18 | 110 | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| Diethyl Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| Dimethyl Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| Di-N-Butyl Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| Di-N-Octylphthalate | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| Fluoranthene | 85 | 100 | 1000 | MG/KG | 0.33 U | 0.33 U | 0.37 |
| Fluorene | 30 | 100 | 386 | MG/KG | 0.33 U | 0.33 U | 0.011 J |
| Hexachlorobenzene | 0.33 | 0.33 | 3.2 | MG/KG | 0.033 U | 0.033 U | 0.036 U |
| Hexachlorobutadiene | -- | -- | -- | MG/KG | 0.067 U | 0.067 U | 0.073 U |
| Hexachlorocyclopentadiene | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| Hexachloroethane | -- | -- | -- | MG/KG | 0.033 U | 0.033 U | 0.036 U |
| Indeno(1,2,3-C,D)Pyrene | **0.5** | 1.4 | 6.6 | MG/KG | 0.033 U | 0.033 U | 0.25 |
| Isophorone | -- | -- | -- | MG/KG | 0.13 U | 0.13 U | 0.14 U |
| Naphthalene | 12 | 100 | 12 | MG/KG | 0.33 U | 0.33 U | 0.023 J |
| Nitrobenzene | 0.08 | 1.8 | 0.08 | MG/KG | 0.033 U | 0.033 U | 0.036 U |
| N-Nitrosodi-N-Propylamine | -- | -- | -- | MG/KG | 0.033 U | 0.033 U | 0.036 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-06 | ETSB-06 | ETSB-07 |
| | | | | Sample Date: | 01/20/2026 | 01/20/2026 | 01/12/2026 |
| | | | | Sample Depth (bls): | 8 - 10 ft | 10 - 12 ft | 0 - 2 in |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| N-Nitrosodiphenylamine | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| Pentachlorophenol | 0.8 | 1.3 | 0.8 | MG/KG | 0.27 U | 0.27 U | 0.29 U |
| Phenanthrene | **1.1** | 4.9 | 1000 | MG/KG | 0.33 U | 0.33 U | 0.15 J |
| Phenol | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.33 U | 0.36 U |
| Pyrene | 64 | 100 | 1000 | MG/KG | 0.33 U | 0.33 U | 0.37 |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-07 | ETSB-07 | ETSB-07 |
| | | | | Sample Date: | 01/12/2026 | 01/12/2026 | 01/12/2026 |
| | | | | Sample Depth (bls): | 2 - 4 ft | 6 - 8 ft | 6 - 8 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | FD |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| 1,2,4,5-Tetrachlorobenzene | -- | -- | -- | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| 1,4-Dioxane (P-Dioxane) | 0.1 | 5.7 | 0.1 | MG/KG | 0.034 U | 0.033 U | 0.033 U |
| 2,3,4,6-Tetrachlorophenol | -- | -- | -- | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| 2,4,5-Trichlorophenol | -- | -- | -- | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| 2,4,6-Trichlorophenol | -- | -- | -- | MG/KG | 0.14 U | 0.13 U | 0.13 U |
| 2,4-Dichlorophenol | -- | -- | -- | MG/KG | 0.14 U | 0.13 U | 0.13 U |
| 2,4-Dimethylphenol | -- | -- | -- | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| 2,4-Dinitrophenol | -- | -- | -- | MG/KG | 0.27 U | 0.27 U | 0.27 U |
| 2,4-Dinitrotoluene | -- | -- | -- | MG/KG | 0.068 U | 0.067 U | 0.067 U |
| 2,6-Dinitrotoluene | -- | -- | -- | MG/KG | 0.068 U | 0.067 U | 0.067 U |
| 2-Chloronaphthalene | -- | -- | -- | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| 2-Chlorophenol | -- | -- | -- | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| 2-Methylnaphthalene | -- | -- | -- | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| 2-Methylphenol (O-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| 2-Nitroaniline | -- | -- | -- | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| 2-Nitrophenol | -- | -- | -- | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| 3,3'-Dichlorobenzidine | -- | -- | -- | MG/KG | 0.14 U | 0.13 U | 0.13 U |
| 3-Nitroaniline | -- | -- | -- | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| 4,6-Dinitro-2-Methylphenol | -- | -- | -- | MG/KG | 0.27 U | 0.27 U | 0.27 U |
| 4-Bromophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| 4-Chloro-3-Methylphenol | -- | -- | -- | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| 4-Chloroaniline | -- | -- | -- | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| 4-Chlorophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| 4-Methylphenol (P-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| 4-Nitroaniline | -- | -- | -- | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| 4-Nitrophenol | -- | -- | -- | MG/KG | 0.68 U | 0.67 U | 0.67 U |
| Acenaphthene | 20 | 100 | 98 | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| Acenaphthylene | 100 | 100 | 365 | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| Acetophenone | -- | -- | -- | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| Anthracene | 100 | 100 | 1000 | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| Atrazine | -- | -- | -- | MG/KG | 0.14 U | 0.13 U | 0.13 U |
| Benzaldehyde | -- | -- | -- | MG/KG | 0.34 U | 0.33 U | 0.33 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: ETSB-07<br>Sample Date: 01/12/2026<br>Sample Depth (bls): 2 - 4 ft<br>Normal Sample or Field Duplicate: N | Sample Designation: ETSB-07<br>Sample Date: 01/12/2026<br>Sample Depth (bls): 6 - 8 ft<br>Normal Sample or Field Duplicate: N | Sample Designation: ETSB-07<br>Sample Date: 01/12/2026<br>Sample Depth (bls): 6 - 8 ft<br>Normal Sample or Field Duplicate: FD |
|---|---|---|---|---|---|---|---|
| Benzo(A)Anthracene | **1** | 1.4 | 1 | MG/KG | 0.028 J | 0.033 U | 0.033 U |
| Benzo(A)Pyrene | **1** | 1 | 22 | MG/KG | 0.02 J | 0.033 U | 0.033 U |
| Benzo(B)Fluoranthene | **1** | 1.4 | 2.1 | MG/KG | 0.025 J | 0.0085 J | 0.033 U |
| Benzo(G,H,I)Perylene | **0.64** | 4.9 | 1000 | MG/KG | 0.014 J | 0.33 U | 0.33 U |
| Benzo(K)Fluoranthene | **0.8** | 4.9 | 2 | MG/KG | 0.012 J | 0.033 U | 0.033 U |
| Benzyl Butyl Phthalate | -- | -- | -- | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| Biphenyl (Diphenyl) | -- | -- | -- | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| Bis(2-Chloroethoxy) Methane | -- | -- | -- | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether) | -- | -- | -- | MG/KG | 0.034 U | 0.033 U | 0.033 U |
| Bis(2-Chloroisopropyl) Ether | -- | -- | -- | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| Bis(2-Ethylhexyl) Phthalate | -- | -- | -- | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| Caprolactam | -- | -- | -- | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| Carbazole | -- | -- | -- | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| Chrysene | **1** | 4.9 | 1 | MG/KG | 0.024 J | 0.33 U | 0.33 U |
| Cresols, M & P | 0.33 | 100 | 0.33 | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| Dibenz(A,H)Anthracene | **0.33** | 0.33 | 1000 | MG/KG | 0.034 U | 0.033 U | 0.033 U |
| Dibenzofuran | 2.1 | 18 | 110 | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| Diethyl Phthalate | -- | -- | -- | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| Dimethyl Phthalate | -- | -- | -- | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| Di-N-Butyl Phthalate | -- | -- | -- | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| Di-N-Octylphthalate | -- | -- | -- | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| Fluoranthene | 85 | 100 | 1000 | MG/KG | 0.038 J | 0.018 J | 0.33 U |
| Fluorene | 30 | 100 | 386 | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| Hexachlorobenzene | 0.33 | 0.33 | 3.2 | MG/KG | 0.034 U | 0.033 U | 0.033 U |
| Hexachlorobutadiene | -- | -- | -- | MG/KG | 0.068 U | 0.067 U | 0.067 U |
| Hexachlorocyclopentadiene | -- | -- | -- | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| Hexachloroethane | -- | -- | -- | MG/KG | 0.034 U | 0.033 U | 0.033 U |
| Indeno(1,2,3-C,D)Pyrene | **0.5** | 1.4 | 6.6 | MG/KG | 0.037 | 0.028 J | 0.033 U |
| Isophorone | -- | -- | -- | MG/KG | 0.14 U | 0.13 U | 0.13 U |
| Naphthalene | 12 | 100 | 12 | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| Nitrobenzene | 0.08 | 1.8 | 0.08 | MG/KG | 0.034 U | 0.033 U | 0.033 U |
| N-Nitrosodi-N-Propylamine | -- | -- | -- | MG/KG | 0.034 U | 0.033 U | 0.033 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-07 | ETSB-07 | ETSB-07 |
| | | | | Sample Date: | 01/12/2026 | 01/12/2026 | 01/12/2026 |
| | | | | Sample Depth (bls): | 2 - 4 ft | 6 - 8 ft | 6 - 8 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | FD |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| N-Nitrosodiphenylamine | -- | -- | -- | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| Pentachlorophenol | 0.8 | 1.3 | 0.8 | MG/KG | 0.27 U | 0.27 U | 0.27 U |
| Phenanthrene | **1.1** | 4.9 | 1000 | MG/KG | 0.016 J | 0.013 J | 0.33 U |
| Phenol | 0.33 | 100 | 0.33 | MG/KG | 0.34 U | 0.33 U | 0.33 U |
| Pyrene | 64 | 100 | 1000 | MG/KG | 0.031 J | 0.017 J | 0.33 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | ETSB-07 01/12/2026 9 - 11 ft N | ETSB-07 01/12/2026 11.5 - 13.5 ft N | ETSB-08 01/13/2026 0 - 2 in N |
|---|---|---|---|---|---|---|---|
| 1,2,4,5-Tetrachlorobenzene | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| 1,4-Dioxane (P-Dioxane) | 0.1 | 5.7 | 0.1 | MG/KG | 0.033 U | 0.033 U | 0.038 U |
| 2,3,4,6-Tetrachlorophenol | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| 2,4,5-Trichlorophenol | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| 2,4,6-Trichlorophenol | -- | -- | -- | MG/KG | 0.13 U | 0.13 U | 0.16 U |
| 2,4-Dichlorophenol | -- | -- | -- | MG/KG | 0.13 U | 0.13 U | 0.16 U |
| 2,4-Dimethylphenol | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| 2,4-Dinitrophenol | -- | -- | -- | MG/KG | 0.27 U | 0.27 U | 0.31 U |
| 2,4-Dinitrotoluene | -- | -- | -- | MG/KG | 0.067 U | 0.067 U | 0.078 U |
| 2,6-Dinitrotoluene | -- | -- | -- | MG/KG | 0.067 U | 0.067 U | 0.078 U |
| 2-Chloronaphthalene | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| 2-Chlorophenol | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| 2-Methylnaphthalene | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| 2-Methylphenol (O-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| 2-Nitroaniline | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| 2-Nitrophenol | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| 3,3'-Dichlorobenzidine | -- | -- | -- | MG/KG | 0.13 U | 0.13 U | 0.16 U |
| 3-Nitroaniline | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| 4,6-Dinitro-2-Methylphenol | -- | -- | -- | MG/KG | 0.27 U | 0.27 U | 0.31 U |
| 4-Bromophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| 4-Chloro-3-Methylphenol | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| 4-Chloroaniline | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| 4-Chlorophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| 4-Methylphenol (P-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| 4-Nitroaniline | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| 4-Nitrophenol | -- | -- | -- | MG/KG | 0.67 U | 0.67 U | 0.78 U |
| Acenaphthene | 20 | 100 | 98 | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| Acenaphthylene | 100 | 100 | 365 | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| Acetophenone | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| Anthracene | 100 | 100 | 1000 | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| Atrazine | -- | -- | -- | MG/KG | 0.13 U | 0.13 U | 0.16 U |
| Benzaldehyde | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.38 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-07 | ETSB-07 | ETSB-08 |
| | | | | Sample Date: | 01/12/2026 | 01/12/2026 | 01/13/2026 |
| | | | | Sample Depth (bls): | 9 - 11 ft | 11.5 - 13.5 ft | 0 - 2 in |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Benzo(A)Anthracene | **1** | 1.4 | 1 | MG/KG | 0.033 U | 0.033 U | 0.038 U |
| Benzo(A)Pyrene | **1** | 1 | 22 | MG/KG | 0.033 U | 0.033 U | 0.038 U |
| Benzo(B)Fluoranthene | **1** | 1.4 | 2.1 | MG/KG | 0.033 U | 0.033 U | 0.014 J |
| Benzo(G,H,I)Perylene | **0.64** | 4.9 | 1000 | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| Benzo(K)Fluoranthene | **0.8** | 4.9 | 2 | MG/KG | 0.033 U | 0.033 U | 0.038 U |
| Benzyl Butyl Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| Biphenyl (Diphenyl) | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| Bis(2-Chloroethoxy) Methane | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether) | -- | -- | -- | MG/KG | 0.033 U | 0.033 U | 0.038 U |
| Bis(2-Chloroisopropyl) Ether | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| Bis(2-Ethylhexyl) Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| Caprolactam | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| Carbazole | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| Chrysene | **1** | 4.9 | 1 | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| Cresols, M & P | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| Dibenz(A,H)Anthracene | **0.33** | 0.33 | 1000 | MG/KG | 0.033 U | 0.033 U | 0.038 U |
| Dibenzofuran | 2.1 | 18 | 110 | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| Diethyl Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| Dimethyl Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| Di-N-Butyl Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| Di-N-Octylphthalate | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| Fluoranthene | 85 | 100 | 1000 | MG/KG | 0.33 U | 0.33 U | 0.017 J |
| Fluorene | 30 | 100 | 386 | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| Hexachlorobenzene | 0.33 | 0.33 | 3.2 | MG/KG | 0.033 U | 0.033 U | 0.038 U |
| Hexachlorobutadiene | -- | -- | -- | MG/KG | 0.067 U | 0.067 U | 0.078 U |
| Hexachlorocyclopentadiene | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| Hexachloroethane | -- | -- | -- | MG/KG | 0.033 U | 0.033 U | 0.038 U |
| Indeno(1,2,3-C,D)Pyrene | **0.5** | 1.4 | 6.6 | MG/KG | 0.033 U | 0.033 U | 0.038 U |
| Isophorone | -- | -- | -- | MG/KG | 0.13 U | 0.13 U | 0.16 U |
| Naphthalene | 12 | 100 | 12 | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| Nitrobenzene | 0.08 | 1.8 | 0.08 | MG/KG | 0.033 U | 0.033 U | 0.038 U |
| N-Nitrosodi-N-Propylamine | -- | -- | -- | MG/KG | 0.033 U | 0.033 U | 0.038 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-07 | ETSB-07 | ETSB-08 |
| | | | | Sample Date: | 01/12/2026 | 01/12/2026 | 01/13/2026 |
| | | | | Sample Depth (bls): | 9 - 11 ft | 11.5 - 13.5 ft | 0 - 2 in |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| N-Nitrosodiphenylamine | -- | -- | -- | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| Pentachlorophenol | 0.8 | 1.3 | 0.8 | MG/KG | 0.27 U | 0.27 U | 0.31 U |
| Phenanthrene | **1.1** | 4.9 | 1000 | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| Phenol | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| Pyrene | 64 | 100 | 1000 | MG/KG | 0.33 U | 0.33 U | 0.018 J |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: ETSB-08 | ETSB-08 | ETSB-09 |
|---|---|---|---|---|---|---|---|
| | | | | | Sample Date: 01/13/2026 | 01/14/2026 | 01/19/2026 |
| | | | | | Sample Depth (bls): 2 - 4 ft | 5 - 7 ft | 0 - 2 in |
| | | | | | Normal Sample or Field Duplicate: N | N | N |
| 1,2,4,5-Tetrachlorobenzene | -- | -- | -- | MG/KG | 0.34 U | 0.35 U | 0.36 U |
| 1,4-Dioxane (P-Dioxane) | 0.1 | 5.7 | 0.1 | MG/KG | 0.034 U | 0.035 U | 0.036 U |
| 2,3,4,6-Tetrachlorophenol | -- | -- | -- | MG/KG | 0.34 U | 0.35 U | 0.36 U |
| 2,4,5-Trichlorophenol | -- | -- | -- | MG/KG | 0.34 U | 0.35 U | 0.36 U |
| 2,4,6-Trichlorophenol | -- | -- | -- | MG/KG | 0.14 U | 0.14 U | 0.14 U |
| 2,4-Dichlorophenol | -- | -- | -- | MG/KG | 0.14 U | 0.14 U | 0.14 U |
| 2,4-Dimethylphenol | -- | -- | -- | MG/KG | 0.34 U | 0.35 U | 0.36 U |
| 2,4-Dinitrophenol | -- | -- | -- | MG/KG | 0.27 U | 0.28 U | 0.29 UT |
| 2,4-Dinitrotoluene | -- | -- | -- | MG/KG | 0.068 U | 0.072 U | 0.073 U |
| 2,6-Dinitrotoluene | -- | -- | -- | MG/KG | 0.068 U | 0.072 U | 0.073 U |
| 2-Chloronaphthalene | -- | -- | -- | MG/KG | 0.34 U | 0.35 U | 0.36 U |
| 2-Chlorophenol | -- | -- | -- | MG/KG | 0.34 U | 0.35 U | 0.36 U |
| 2-Methylnaphthalene | -- | -- | -- | MG/KG | 0.34 U | 0.35 U | 0.1 JT |
| 2-Methylphenol (O-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.34 U | 0.35 U | 0.36 U |
| 2-Nitroaniline | -- | -- | -- | MG/KG | 0.34 U | 0.35 U | 0.36 U |
| 2-Nitrophenol | -- | -- | -- | MG/KG | 0.34 U | 0.35 U | 0.36 U |
| 3,3'-Dichlorobenzidine | -- | -- | -- | MG/KG | 0.14 U | 0.14 U | 0.14 U |
| 3-Nitroaniline | -- | -- | -- | MG/KG | 0.34 U | 0.35 U | 0.36 U |
| 4,6-Dinitro-2-Methylphenol | -- | -- | -- | MG/KG | 0.27 U | 0.28 U | 0.29 UT |
| 4-Bromophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.34 U | 0.35 U | 0.36 U |
| 4-Chloro-3-Methylphenol | -- | -- | -- | MG/KG | 0.34 U | 0.35 U | 0.36 U |
| 4-Chloroaniline | -- | -- | -- | MG/KG | 0.34 U | 0.35 U | 0.36 U |
| 4-Chlorophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.34 U | 0.35 U | 0.36 U |
| 4-Methylphenol (P-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.34 U | 0.35 U | 0.36 U |
| 4-Nitroaniline | -- | -- | -- | MG/KG | 0.34 U | 0.35 U | 0.36 U |
| 4-Nitrophenol | -- | -- | -- | MG/KG | 0.68 U | 0.72 U | 0.73 U |
| Acenaphthene | 20 | 100 | 98 | MG/KG | 0.34 U | 0.33 J | 0.31 J |
| Acenaphthylene | 100 | 100 | 365 | MG/KG | 0.34 U | 0.13 J | 0.48 |
| Acetophenone | -- | -- | -- | MG/KG | 0.34 U | 0.35 U | 0.36 U |
| Anthracene | 100 | 100 | 1000 | MG/KG | 0.34 U | 0.52 | 0.59 |
| Atrazine | -- | -- | -- | MG/KG | 0.14 U | 0.14 U | 0.14 U |
| Benzaldehyde | -- | -- | -- | MG/KG | 0.34 U | 0.35 U | 0.36 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: ETSB-08 | Sample Date: 01/13/2026 | Sample Depth (bls): 2 - 4 ft | Normal Sample or Field Duplicate: N |
|---|---|---|---|---|---|---|---|---|
| | | | | | ETSB-08 | 01/14/2026 | 5 - 7 ft | N |
| | | | | | ETSB-09 | 01/19/2026 | 0 - 2 in | N |
| Benzo(A)Anthracene | **1** | 1.4 | 1 | MG/KG | 0.034 U | 0.68 | **3.2** | |
| Benzo(A)Pyrene | **1** | 1 | 22 | MG/KG | 0.034 U | 0.55 | **4.1** | |
| Benzo(B)Fluoranthene | **1** | 1.4 | 2.1 | MG/KG | 0.034 U | 0.73 | **6.1** | |
| Benzo(G,H,I)Perylene | **0.64** | 4.9 | 1000 | MG/KG | 0.34 U | 0.36 | **2.5** | |
| Benzo(K)Fluoranthene | **0.8** | 4.9 | 2 | MG/KG | 0.034 U | 0.31 | **2.2** | |
| Benzyl Butyl Phthalate | -- | -- | -- | MG/KG | 0.34 U | 0.35 U | 0.36 U | |
| Biphenyl (Diphenyl) | -- | -- | -- | MG/KG | 0.34 U | 0.56 | 0.018 J | |
| Bis(2-Chloroethoxy) Methane | -- | -- | -- | MG/KG | 0.34 U | 0.35 U | 0.36 U | |
| Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether) | -- | -- | -- | MG/KG | 0.034 U | 0.035 U | 0.036 U | |
| Bis(2-Chloroisopropyl) Ether | -- | -- | -- | MG/KG | 0.34 U | 0.35 U | 0.36 U | |
| Bis(2-Ethylhexyl) Phthalate | -- | -- | -- | MG/KG | 0.34 U | 0.66 | 0.065 J | |
| Caprolactam | -- | -- | -- | MG/KG | 0.34 U | 0.35 U | 0.36 U | |
| Carbazole | -- | -- | -- | MG/KG | 0.34 U | 0.11 J | 0.12 J | |
| Chrysene | **1** | 4.9 | 1 | MG/KG | 0.34 U | 0.62 | **3.6** | |
| Cresols, M & P | 0.33 | 100 | 0.33 | MG/KG | 0.34 U | 0.35 U | 0.36 U | |
| Dibenz(A,H)Anthracene | **0.33** | 0.33 | 1000 | MG/KG | 0.034 U | 0.1 | **0.6** | |
| Dibenzofuran | 2.1 | 18 | 110 | MG/KG | 0.34 U | 0.36 | 0.13 J | |
| Diethyl Phthalate | -- | -- | -- | MG/KG | 0.34 U | 0.35 U | 0.36 U | |
| Dimethyl Phthalate | -- | -- | -- | MG/KG | 0.34 U | 0.35 U | 0.36 U | |
| Di-N-Butyl Phthalate | -- | -- | -- | MG/KG | 0.34 U | 0.07 J | 0.36 U | |
| Di-N-Octylphthalate | -- | -- | -- | MG/KG | 0.34 U | 0.35 U | 0.36 U | |
| Fluoranthene | 85 | 100 | 1000 | MG/KG | 0.34 U | 1.9 | 5.6 | |
| Fluorene | 30 | 100 | 386 | MG/KG | 0.34 U | 0.82 | 0.26 J | |
| Hexachlorobenzene | 0.33 | 0.33 | 3.2 | MG/KG | 0.034 U | 0.035 U | 0.036 U | |
| Hexachlorobutadiene | -- | -- | -- | MG/KG | 0.068 U | 0.072 U | 0.073 U | |
| Hexachlorocyclopentadiene | -- | -- | -- | MG/KG | 0.34 U | 0.35 U | 0.36 U | |
| Hexachloroethane | -- | -- | -- | MG/KG | 0.034 U | 0.035 U | 0.036 U | |
| Indeno(1,2,3-C,D)Pyrene | **0.5** | 1.4 | 6.6 | MG/KG | 0.034 U | 0.37 | **2.5** | |
| Isophorone | -- | -- | -- | MG/KG | 0.14 U | 0.14 U | 0.14 U | |
| Naphthalene | 12 | 100 | 12 | MG/KG | 0.34 U | 0.35 U | 0.19 J | |
| Nitrobenzene | 0.08 | 1.8 | 0.08 | MG/KG | 0.034 U | 0.035 U | 0.036 U | |
| N-Nitrosodi-N-Propylamine | -- | -- | -- | MG/KG | 0.034 U | 0.035 U | 0.036 U | |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-08 | ETSB-08 | ETSB-09 |
| | | | | Sample Date: | 01/13/2026 | 01/14/2026 | 01/19/2026 |
| | | | | Sample Depth (bls): | 2 - 4 ft | 5 - 7 ft | 0 - 2 in |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| N-Nitrosodiphenylamine | -- | -- | -- | MG/KG | 0.34 U | 0.35 U | 0.36 U |
| Pentachlorophenol | 0.8 | 1.3 | 0.8 | MG/KG | 0.27 U | 0.28 U | 0.29 U |
| Phenanthrene | **1.1** | 4.9 | 1000 | MG/KG | 0.34 U | **2.9** | **1.6** |
| Phenol | 0.33 | 100 | 0.33 | MG/KG | 0.34 U | 0.35 U | 0.36 U |
| Pyrene | 64 | 100 | 1000 | MG/KG | 0.34 U | 1.5 | 5 |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | ETSB-09 | ETSB-09 | ETSB-09 |
|---|---|---|---|---|---|---|---|
| Sample Designation: | | | | | ETSB-09 | ETSB-09 | ETSB-09 |
| Sample Date: | | | | | 01/19/2026 | 01/19/2026 | 01/19/2026 |
| Sample Depth (bls): | | | | | 2 - 4 ft | 6 - 8 ft | 10 - 12 ft |
| Normal Sample or Field Duplicate: | | | | | N | N | N |
| 1,2,4,5-Tetrachlorobenzene | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| 1,4-Dioxane (P-Dioxane) | 0.1 | 5.7 | 0.1 | MG/KG | 0.035 U | 0.034 U | 0.033 U |
| 2,3,4,6-Tetrachlorophenol | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| 2,4,5-Trichlorophenol | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| 2,4,6-Trichlorophenol | -- | -- | -- | MG/KG | 0.14 U | 0.14 U | 0.13 U |
| 2,4-Dichlorophenol | -- | -- | -- | MG/KG | 0.14 U | 0.14 U | 0.13 U |
| 2,4-Dimethylphenol | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| 2,4-Dinitrophenol | -- | -- | -- | MG/KG | 0.28 UT | 0.28 UT | 0.27 UT |
| 2,4-Dinitrotoluene | -- | -- | -- | MG/KG | 0.071 U | 0.07 U | 0.067 U |
| 2,6-Dinitrotoluene | -- | -- | -- | MG/KG | 0.071 U | 0.07 U | 0.067 U |
| 2-Chloronaphthalene | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| 2-Chlorophenol | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| 2-Methylnaphthalene | -- | -- | -- | MG/KG | 0.35 UT | 0.34 UT | 0.33 UT |
| 2-Methylphenol (O-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| 2-Nitroaniline | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| 2-Nitrophenol | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| 3,3'-Dichlorobenzidine | -- | -- | -- | MG/KG | 0.14 U | 0.14 U | 0.13 U |
| 3-Nitroaniline | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| 4,6-Dinitro-2-Methylphenol | -- | -- | -- | MG/KG | 0.28 UT | 0.28 UT | 0.27 UT |
| 4-Bromophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| 4-Chloro-3-Methylphenol | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| 4-Chloroaniline | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| 4-Chlorophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| 4-Methylphenol (P-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| 4-Nitroaniline | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| 4-Nitrophenol | -- | -- | -- | MG/KG | 0.71 U | 0.7 U | 0.67 U |
| Acenaphthene | 20 | 100 | 98 | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| Acenaphthylene | 100 | 100 | 365 | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| Acetophenone | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| Anthracene | 100 | 100 | 1000 | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| Atrazine | -- | -- | -- | MG/KG | 0.14 U | 0.14 U | 0.13 U |
| Benzaldehyde | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.33 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-09 | ETSB-09 | ETSB-09 |
| | | | | Sample Date: | 01/19/2026 | 01/19/2026 | 01/19/2026 |
| | | | | Sample Depth (bls): | 2 - 4 ft | 6 - 8 ft | 10 - 12 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Benzo(A)Anthracene | **1** | 1.4 | 1 | MG/KG | 0.045 | 0.034 U | 0.033 U |
| Benzo(A)Pyrene | **1** | 1 | 22 | MG/KG | 0.051 | 0.034 U | 0.033 U |
| Benzo(B)Fluoranthene | **1** | 1.4 | 2.1 | MG/KG | 0.072 | 0.034 U | 0.033 U |
| Benzo(G,H,I)Perylene | **0.64** | 4.9 | 1000 | MG/KG | 0.052 J | 0.34 U | 0.33 U |
| Benzo(K)Fluoranthene | **0.8** | 4.9 | 2 | MG/KG | 0.027 J | 0.034 U | 0.033 U |
| Benzyl Butyl Phthalate | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| Biphenyl (Diphenyl) | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| Bis(2-Chloroethoxy) Methane | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether) | -- | -- | -- | MG/KG | 0.035 U | 0.034 U | 0.033 U |
| Bis(2-Chloroisopropyl) Ether | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| Bis(2-Ethylhexyl) Phthalate | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| Caprolactam | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| Carbazole | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| Chrysene | **1** | 4.9 | 1 | MG/KG | 0.042 J | 0.34 U | 0.33 U |
| Cresols, M & P | 0.33 | 100 | 0.33 | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| Dibenz(A,H)Anthracene | **0.33** | 0.33 | 1000 | MG/KG | 0.035 U | 0.034 U | 0.033 U |
| Dibenzofuran | 2.1 | 18 | 110 | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| Diethyl Phthalate | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| Dimethyl Phthalate | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| Di-N-Butyl Phthalate | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| Di-N-Octylphthalate | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| Fluoranthene | 85 | 100 | 1000 | MG/KG | 0.057 J | 0.34 U | 0.012 J |
| Fluorene | 30 | 100 | 386 | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| Hexachlorobenzene | 0.33 | 0.33 | 3.2 | MG/KG | 0.035 U | 0.034 U | 0.033 U |
| Hexachlorobutadiene | -- | -- | -- | MG/KG | 0.071 U | 0.07 U | 0.067 U |
| Hexachlorocyclopentadiene | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| Hexachloroethane | -- | -- | -- | MG/KG | 0.035 U | 0.034 U | 0.033 U |
| Indeno(1,2,3-C,D)Pyrene | **0.5** | 1.4 | 6.6 | MG/KG | 0.047 | 0.034 U | 0.033 U |
| Isophorone | -- | -- | -- | MG/KG | 0.14 U | 0.14 U | 0.13 U |
| Naphthalene | 12 | 100 | 12 | MG/KG | 0.0088 J | 0.0073 J | 0.33 U |
| Nitrobenzene | 0.08 | 1.8 | 0.08 | MG/KG | 0.035 U | 0.034 U | 0.033 U |
| N-Nitrosodi-N-Propylamine | -- | -- | -- | MG/KG | 0.035 U | 0.034 U | 0.033 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-09 | ETSB-09 | ETSB-09 |
| | | | | Sample Date: | 01/19/2026 | 01/19/2026 | 01/19/2026 |
| | | | | Sample Depth (bls): | 2 - 4 ft | 6 - 8 ft | 10 - 12 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| N-Nitrosodiphenylamine | -- | -- | -- | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| Pentachlorophenol | 0.8 | 1.3 | 0.8 | MG/KG | 0.28 U | 0.28 U | 0.27 U |
| Phenanthrene | **1.1** | 4.9 | 1000 | MG/KG | 0.021 J | 0.34 U | 0.33 U |
| Phenol | 0.33 | 100 | 0.33 | MG/KG | 0.35 U | 0.34 U | 0.33 U |
| Pyrene | 64 | 100 | 1000 | MG/KG | 0.062 J | 0.34 U | 0.01 J |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: ETSB-09<br>Sample Date: 01/19/2026<br>Sample Depth (bls): 12 - 14 ft<br>Normal Sample or Field Duplicate: N | Sample Designation: ETSB-10<br>Sample Date: 01/23/2026<br>Sample Depth (bls): 0 - 2 ft<br>Normal Sample or Field Duplicate: N | Sample Designation: ETSB-10<br>Sample Date: 01/23/2026<br>Sample Depth (bls): 2 - 4 ft<br>Normal Sample or Field Duplicate: N |
|---|---|---|---|---|---|---|---|
| 1,2,4,5-Tetrachlorobenzene | -- | -- | -- | MG/KG | 0.33 U | 0.37 U | 0.35 U |
| 1,4-Dioxane (P-Dioxane) | 0.1 | 5.7 | 0.1 | MG/KG | 0.033 U | 0.037 U | 0.035 U |
| 2,3,4,6-Tetrachlorophenol | -- | -- | -- | MG/KG | 0.33 U | 0.37 U | 0.35 U |
| 2,4,5-Trichlorophenol | -- | -- | -- | MG/KG | 0.33 U | 0.37 U | 0.35 U |
| 2,4,6-Trichlorophenol | -- | -- | -- | MG/KG | 0.13 U | 0.15 U | 0.14 U |
| 2,4-Dichlorophenol | -- | -- | -- | MG/KG | 0.13 U | 0.15 U | 0.14 U |
| 2,4-Dimethylphenol | -- | -- | -- | MG/KG | 0.33 U | 0.37 U | 0.35 U |
| 2,4-Dinitrophenol | -- | -- | -- | MG/KG | 0.27 UT | 0.3 U | 0.28 U |
| 2,4-Dinitrotoluene | -- | -- | -- | MG/KG | 0.068 U | 0.075 U | 0.07 U |
| 2,6-Dinitrotoluene | -- | -- | -- | MG/KG | 0.068 U | 0.075 U | 0.07 U |
| 2-Chloronaphthalene | -- | -- | -- | MG/KG | 0.33 U | 0.37 U | 0.35 U |
| 2-Chlorophenol | -- | -- | -- | MG/KG | 0.33 U | 0.37 U | 0.35 U |
| 2-Methylnaphthalene | -- | -- | -- | MG/KG | 0.33 UT | 0.37 U | 0.35 U |
| 2-Methylphenol (O-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.37 U | 0.35 U |
| 2-Nitroaniline | -- | -- | -- | MG/KG | 0.33 U | 0.37 U | 0.35 U |
| 2-Nitrophenol | -- | -- | -- | MG/KG | 0.33 U | 0.37 U | 0.35 U |
| 3,3'-Dichlorobenzidine | -- | -- | -- | MG/KG | 0.13 U | 0.15 U | 0.14 U |
| 3-Nitroaniline | -- | -- | -- | MG/KG | 0.33 U | 0.37 U | 0.35 U |
| 4,6-Dinitro-2-Methylphenol | -- | -- | -- | MG/KG | 0.27 UT | 0.3 U | 0.28 U |
| 4-Bromophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.33 U | 0.37 U | 0.35 U |
| 4-Chloro-3-Methylphenol | -- | -- | -- | MG/KG | 0.33 U | 0.37 U | 0.35 U |
| 4-Chloroaniline | -- | -- | -- | MG/KG | 0.33 U | 0.37 U | 0.35 U |
| 4-Chlorophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.33 U | 0.37 U | 0.35 U |
| 4-Methylphenol (P-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.026 J | 0.35 U |
| 4-Nitroaniline | -- | -- | -- | MG/KG | 0.33 U | 0.37 U | 0.35 U |
| 4-Nitrophenol | -- | -- | -- | MG/KG | 0.68 U | 0.75 U | 0.7 U |
| Acenaphthene | 20 | 100 | 98 | MG/KG | 0.33 U | 0.014 J | 0.35 U |
| Acenaphthylene | 100 | 100 | 365 | MG/KG | 0.33 U | 0.067 J | 0.024 J |
| Acetophenone | -- | -- | -- | MG/KG | 0.33 U | 0.37 U | 0.35 U |
| Anthracene | 100 | 100 | 1000 | MG/KG | 0.33 U | 0.081 J | 0.025 J |
| Atrazine | -- | -- | -- | MG/KG | 0.13 U | 0.15 U | 0.14 U |
| Benzaldehyde | -- | -- | -- | MG/KG | 0.33 U | 0.37 U | 0.35 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: ETSB-09<br>Sample Date: 01/19/2026<br>Sample Depth (bls): 12 - 14 ft<br>Normal Sample or Field Duplicate: N | Sample Designation: ETSB-10<br>Sample Date: 01/23/2026<br>Sample Depth (bls): 0 - 2 ft<br>Normal Sample or Field Duplicate: N | Sample Designation: ETSB-10<br>Sample Date: 01/23/2026<br>Sample Depth (bls): 2 - 4 ft<br>Normal Sample or Field Duplicate: N |
|---|---|---|---|---|---|---|---|
| Benzo(A)Anthracene | **1** | 1.4 | 1 | MG/KG | 0.033 U | 0.5 | 0.11 |
| Benzo(A)Pyrene | **1** | 1 | 22 | MG/KG | 0.033 U | 0.64 | 0.13 |
| Benzo(B)Fluoranthene | **1** | 1.4 | 2.1 | MG/KG | 0.033 U | 0.88 | 0.17 |
| Benzo(G,H,I)Perylene | **0.64** | 4.9 | 1000 | MG/KG | 0.33 U | 0.4 | 0.1 J |
| Benzo(K)Fluoranthene | **0.8** | 4.9 | 2 | MG/KG | 0.033 U | 0.41 | 0.066 |
| Benzyl Butyl Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.042 J | 0.35 U |
| Biphenyl (Diphenyl) | -- | -- | -- | MG/KG | 0.33 U | 0.37 U | 0.35 U |
| Bis(2-Chloroethoxy) Methane | -- | -- | -- | MG/KG | 0.33 U | 0.37 U | 0.35 U |
| Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether) | -- | -- | -- | MG/KG | 0.033 U | 0.037 U | 0.035 U |
| Bis(2-Chloroisopropyl) Ether | -- | -- | -- | MG/KG | 0.33 U | 0.37 U | 0.35 U |
| Bis(2-Ethylhexyl) Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.14 J | 0.35 U |
| Caprolactam | -- | -- | -- | MG/KG | 0.33 U | 0.37 UT | 0.35 UT |
| Carbazole | -- | -- | -- | MG/KG | 0.33 U | 0.055 J | 0.014 J |
| Chrysene | **1** | 4.9 | 1 | MG/KG | 0.33 U | 0.61 | 0.14 J |
| Cresols, M & P | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.026 J | 0.35 U |
| Dibenz(A,H)Anthracene | **0.33** | 0.33 | 1000 | MG/KG | 0.033 U | 0.1 | 0.018 J |
| Dibenzofuran | 2.1 | 18 | 110 | MG/KG | 0.33 U | 0.37 U | 0.35 U |
| Diethyl Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.37 U | 0.35 U |
| Dimethyl Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.37 U | 0.35 U |
| Di-N-Butyl Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.37 U | 0.35 U |
| Di-N-Octylphthalate | -- | -- | -- | MG/KG | 0.33 U | 0.37 U | 0.35 U |
| Fluoranthene | 85 | 100 | 1000 | MG/KG | 0.33 U | 0.98 | 0.23 J |
| Fluorene | 30 | 100 | 386 | MG/KG | 0.33 U | 0.021 J | 0.35 U |
| Hexachlorobenzene | 0.33 | 0.33 | 3.2 | MG/KG | 0.033 U | 0.037 U | 0.035 U |
| Hexachlorobutadiene | -- | -- | -- | MG/KG | 0.068 U | 0.075 U | 0.07 U |
| Hexachlorocyclopentadiene | -- | -- | -- | MG/KG | 0.33 U | 0.37 U | 0.35 U |
| Hexachloroethane | -- | -- | -- | MG/KG | 0.033 U | 0.037 U | 0.035 U |
| Indeno(1,2,3-C,D)Pyrene | **0.5** | 1.4 | 6.6 | MG/KG | 0.033 U | 0.43 | 0.12 |
| Isophorone | -- | -- | -- | MG/KG | 0.13 U | 0.15 U | 0.14 U |
| Naphthalene | 12 | 100 | 12 | MG/KG | 0.33 U | 0.017 J | 0.35 U |
| Nitrobenzene | 0.08 | 1.8 | 0.08 | MG/KG | 0.033 U | 0.037 U | 0.035 U |
| N-Nitrosodi-N-Propylamine | -- | -- | -- | MG/KG | 0.033 U | 0.037 U | 0.035 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-09 | ETSB-10 | ETSB-10 |
| | | | | Sample Date: | 01/19/2026 | 01/23/2026 | 01/23/2026 |
| | | | | Sample Depth (bls): | 12 - 14 ft | 0 - 2 ft | 2 - 4 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| N-Nitrosodiphenylamine | -- | -- | -- | MG/KG | 0.33 U | 0.37 U | 0.35 U |
| Pentachlorophenol | 0.8 | 1.3 | 0.8 | MG/KG | 0.27 U | 0.3 U | 0.28 U |
| Phenanthrene | **1.1** | 4.9 | 1000 | MG/KG | 0.33 U | 0.35 J | 0.1 J |
| Phenol | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.37 U | 0.35 U |
| Pyrene | 64 | 100 | 1000 | MG/KG | 0.33 U | 0.81 | 0.19 J |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: ETSB-10<br>Sample Date: 01/23/2026<br>Sample Depth (bls): 11 - 13 ft<br>Normal Sample or Field Duplicate: N | Sample Designation: ETSB-11<br>Sample Date: 01/15/2026<br>Sample Depth (bls): 0 - 2 in<br>Normal Sample or Field Duplicate: N | Sample Designation: ETSB-11<br>Sample Date: 01/15/2026<br>Sample Depth (bls): 2 - 4 ft<br>Normal Sample or Field Duplicate: N |
|---|---|---|---|---|---|---|---|
| 1,2,4,5-Tetrachlorobenzene | -- | -- | -- | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| 1,4-Dioxane (P-Dioxane) | 0.1 | 5.7 | 0.1 | MG/KG | 0.033 U | 0.036 U | 0.035 U |
| 2,3,4,6-Tetrachlorophenol | -- | -- | -- | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| 2,4,5-Trichlorophenol | -- | -- | -- | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| 2,4,6-Trichlorophenol | -- | -- | -- | MG/KG | 0.13 U | 0.14 U | 0.14 U |
| 2,4-Dichlorophenol | -- | -- | -- | MG/KG | 0.13 U | 0.14 U | 0.14 U |
| 2,4-Dimethylphenol | -- | -- | -- | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| 2,4-Dinitrophenol | -- | -- | -- | MG/KG | 0.27 U | 0.29 U | 0.28 UT |
| 2,4-Dinitrotoluene | -- | -- | -- | MG/KG | 0.068 U | 0.072 U | 0.071 U |
| 2,6-Dinitrotoluene | -- | -- | -- | MG/KG | 0.068 U | 0.072 U | 0.071 U |
| 2-Chloronaphthalene | -- | -- | -- | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| 2-Chlorophenol | -- | -- | -- | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| 2-Methylnaphthalene | -- | -- | -- | MG/KG | 0.33 U | 0.36 U | 0.35 UT |
| 2-Methylphenol (O-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| 2-Nitroaniline | -- | -- | -- | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| 2-Nitrophenol | -- | -- | -- | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| 3,3'-Dichlorobenzidine | -- | -- | -- | MG/KG | 0.13 U | 0.14 U | 0.14 UT |
| 3-Nitroaniline | -- | -- | -- | MG/KG | 0.33 U | 0.36 U | 0.35 UT |
| 4,6-Dinitro-2-Methylphenol | -- | -- | -- | MG/KG | 0.27 U | 0.29 U | 0.28 U |
| 4-Bromophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| 4-Chloro-3-Methylphenol | -- | -- | -- | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| 4-Chloroaniline | -- | -- | -- | MG/KG | 0.33 U | 0.36 U | 0.35 UT |
| 4-Chlorophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| 4-Methylphenol (P-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| 4-Nitroaniline | -- | -- | -- | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| 4-Nitrophenol | -- | -- | -- | MG/KG | 0.68 U | 0.72 U | 0.71 U |
| Acenaphthene | 20 | 100 | 98 | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| Acenaphthylene | 100 | 100 | 365 | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| Acetophenone | -- | -- | -- | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| Anthracene | 100 | 100 | 1000 | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| Atrazine | -- | -- | -- | MG/KG | 0.13 U | 0.14 U | 0.14 UT |
| Benzaldehyde | -- | -- | -- | MG/KG | 0.33 U | 0.36 U | 0.35 UT |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-10 | ETSB-11 | ETSB-11 |
| | | | | Sample Date: | 01/23/2026 | 01/15/2026 | 01/15/2026 |
| | | | | Sample Depth (bls): | 11 - 13 ft | 0 - 2 in | 2 - 4 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Benzo(A)Anthracene | **1** | 1.4 | 1 | MG/KG | 0.033 U | 0.044 | 0.035 U |
| Benzo(A)Pyrene | **1** | 1 | 22 | MG/KG | 0.033 U | 0.043 | 0.035 U |
| Benzo(B)Fluoranthene | **1** | 1.4 | 2.1 | MG/KG | 0.033 U | 0.054 | 0.0097 J |
| Benzo(G,H,I)Perylene | **0.64** | 4.9 | 1000 | MG/KG | 0.33 U | 0.031 J | 0.35 U |
| Benzo(K)Fluoranthene | **0.8** | 4.9 | 2 | MG/KG | 0.033 U | 0.027 J | 0.035 U |
| Benzyl Butyl Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| Biphenyl (Diphenyl) | -- | -- | -- | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| Bis(2-Chloroethoxy) Methane | -- | -- | -- | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether) | -- | -- | -- | MG/KG | 0.033 U | 0.036 U | 0.035 U |
| Bis(2-Chloroisopropyl) Ether | -- | -- | -- | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| Bis(2-Ethylhexyl) Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| Caprolactam | -- | -- | -- | MG/KG | 0.33 UT | 0.36 U | 0.35 UT |
| Carbazole | -- | -- | -- | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| Chrysene | **1** | 4.9 | 1 | MG/KG | 0.33 U | 0.044 J | 0.35 U |
| Cresols, M & P | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| Dibenz(A,H)Anthracene | **0.33** | 0.33 | 1000 | MG/KG | 0.033 U | 0.036 U | 0.035 U |
| Dibenzofuran | 2.1 | 18 | 110 | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| Diethyl Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| Dimethyl Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| Di-N-Butyl Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| Di-N-Octylphthalate | -- | -- | -- | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| Fluoranthene | 85 | 100 | 1000 | MG/KG | 0.33 U | 0.069 J | 0.35 U |
| Fluorene | 30 | 100 | 386 | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| Hexachlorobenzene | 0.33 | 0.33 | 3.2 | MG/KG | 0.033 U | 0.036 U | 0.035 U |
| Hexachlorobutadiene | -- | -- | -- | MG/KG | 0.068 U | 0.072 U | 0.071 U |
| Hexachlorocyclopentadiene | -- | -- | -- | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| Hexachloroethane | -- | -- | -- | MG/KG | 0.033 U | 0.036 U | 0.035 U |
| Indeno(1,2,3-C,D)Pyrene | **0.5** | 1.4 | 6.6 | MG/KG | 0.033 U | 0.055 | 0.035 U |
| Isophorone | -- | -- | -- | MG/KG | 0.13 U | 0.14 U | 0.14 U |
| Naphthalene | 12 | 100 | 12 | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| Nitrobenzene | 0.08 | 1.8 | 0.08 | MG/KG | 0.033 U | 0.036 U | 0.035 U |
| N-Nitrosodi-N-Propylamine | -- | -- | -- | MG/KG | 0.033 U | 0.036 U | 0.035 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-10 | ETSB-11 | ETSB-11 |
| | | | | Sample Date: | 01/23/2026 | 01/15/2026 | 01/15/2026 |
| | | | | Sample Depth (bls): | 11 - 13 ft | 0 - 2 in | 2 - 4 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| N-Nitrosodiphenylamine | -- | -- | -- | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| Pentachlorophenol | 0.8 | 1.3 | 0.8 | MG/KG | 0.27 U | 0.29 U | 0.28 U |
| Phenanthrene | **1.1** | 4.9 | 1000 | MG/KG | 0.33 U | 0.029 J | 0.35 U |
| Phenol | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.36 U | 0.35 U |
| Pyrene | 64 | 100 | 1000 | MG/KG | 0.33 U | 0.061 J | 0.35 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-11 | RX-13 | RX-13 |
| | | | | Sample Date: | 01/15/2026 | 12/19/2023 | 12/19/2023 |
| | | | | Sample Depth (bls): | 14 - 16 ft | 0 - 2 ft | 3 - 5 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| 1,2,4,5-Tetrachlorobenzene | -- | -- | -- | MG/KG | 0.35 U | NA | NA |
| 1,4-Dioxane (P-Dioxane) | 0.1 | 5.7 | 0.1 | MG/KG | 0.035 U | 0.036 U | 0.036 U |
| 2,3,4,6-Tetrachlorophenol | -- | -- | -- | MG/KG | 0.35 U | NA | NA |
| 2,4,5-Trichlorophenol | -- | -- | -- | MG/KG | 0.35 U | NA | NA |
| 2,4,6-Trichlorophenol | -- | -- | -- | MG/KG | 0.14 U | NA | NA |
| 2,4-Dichlorophenol | -- | -- | -- | MG/KG | 0.14 U | NA | NA |
| 2,4-Dimethylphenol | -- | -- | -- | MG/KG | 0.35 U | NA | NA |
| 2,4-Dinitrophenol | -- | -- | -- | MG/KG | 0.28 UT | NA | NA |
| 2,4-Dinitrotoluene | -- | -- | -- | MG/KG | 0.071 U | NA | NA |
| 2,6-Dinitrotoluene | -- | -- | -- | MG/KG | 0.071 U | NA | NA |
| 2-Chloronaphthalene | -- | -- | -- | MG/KG | 0.35 U | NA | NA |
| 2-Chlorophenol | -- | -- | -- | MG/KG | 0.35 U | NA | NA |
| 2-Methylnaphthalene | -- | -- | -- | MG/KG | 0.35 UT | NA | NA |
| 2-Methylphenol (O-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.35 U | 0.36 U | 0.36 U |
| 2-Nitroaniline | -- | -- | -- | MG/KG | 0.35 U | NA | NA |
| 2-Nitrophenol | -- | -- | -- | MG/KG | 0.35 U | NA | NA |
| 3,3'-Dichlorobenzidine | -- | -- | -- | MG/KG | 0.14 UT | NA | NA |
| 3-Nitroaniline | -- | -- | -- | MG/KG | 0.35 UT | NA | NA |
| 4,6-Dinitro-2-Methylphenol | -- | -- | -- | MG/KG | 0.28 U | NA | NA |
| 4-Bromophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.35 U | NA | NA |
| 4-Chloro-3-Methylphenol | -- | -- | -- | MG/KG | 0.35 U | NA | NA |
| 4-Chloroaniline | -- | -- | -- | MG/KG | 0.35 UT | NA | NA |
| 4-Chlorophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.35 U | NA | NA |
| 4-Methylphenol (P-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.35 U | NA | NA |
| 4-Nitroaniline | -- | -- | -- | MG/KG | 0.35 U | NA | NA |
| 4-Nitrophenol | -- | -- | -- | MG/KG | 0.71 U | NA | NA |
| Acenaphthene | 20 | 100 | 98 | MG/KG | 0.35 U | 0.36 U | 0.36 U |
| Acenaphthylene | 100 | 100 | 365 | MG/KG | 0.35 U | 0.062 J | 0.028 J |
| Acetophenone | -- | -- | -- | MG/KG | 0.35 U | NA | NA |
| Anthracene | 100 | 100 | 1000 | MG/KG | 0.35 U | 0.03 J | 0.027 J |
| Atrazine | -- | -- | -- | MG/KG | 0.14 UT | NA | NA |
| Benzaldehyde | -- | -- | -- | MG/KG | 0.35 UT | NA | NA |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-11 | RX-13 | RX-13 |
| | | | | Sample Date: | 01/15/2026 | 12/19/2023 | 12/19/2023 |
| | | | | Sample Depth (bls): | 14 - 16 ft | 0 - 2 ft | 3 - 5 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Benzo(A)Anthracene | **1** | 1.4 | 1 | MG/KG | 0.035 U | 0.091 | 0.033 J |
| Benzo(A)Pyrene | **1** | 1 | 22 | MG/KG | 0.035 U | 0.15 | 0.048 |
| Benzo(B)Fluoranthene | **1** | 1.4 | 2.1 | MG/KG | 0.035 U | 0.2 | 0.069 |
| Benzo(G,H,I)Perylene | **0.64** | 4.9 | 1000 | MG/KG | 0.35 U | 0.17 JT | 0.085 JT |
| Benzo(K)Fluoranthene | **0.8** | 4.9 | 2 | MG/KG | 0.035 U | 0.073 | 0.029 J |
| Benzyl Butyl Phthalate | -- | -- | -- | MG/KG | 0.35 U | NA | NA |
| Biphenyl (Diphenyl) | -- | -- | -- | MG/KG | 0.35 U | NA | NA |
| Bis(2-Chloroethoxy) Methane | -- | -- | -- | MG/KG | 0.35 U | NA | NA |
| Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether) | -- | -- | -- | MG/KG | 0.035 U | NA | NA |
| Bis(2-Chloroisopropyl) Ether | -- | -- | -- | MG/KG | 0.35 U | NA | NA |
| Bis(2-Ethylhexyl) Phthalate | -- | -- | -- | MG/KG | 0.35 U | NA | NA |
| Caprolactam | -- | -- | -- | MG/KG | 0.35 UT | NA | NA |
| Carbazole | -- | -- | -- | MG/KG | 0.35 U | NA | NA |
| Chrysene | **1** | 4.9 | 1 | MG/KG | 0.35 U | 0.12 J | 0.041 J |
| Cresols, M & P | 0.33 | 100 | 0.33 | MG/KG | 0.35 U | 0.36 U | 0.36 U |
| Dibenz(A,H)Anthracene | **0.33** | 0.33 | 1000 | MG/KG | 0.035 U | 0.046 | 0.034 J |
| Dibenzofuran | 2.1 | 18 | 110 | MG/KG | 0.35 U | 0.36 U | 0.36 U |
| Diethyl Phthalate | -- | -- | -- | MG/KG | 0.35 U | NA | NA |
| Dimethyl Phthalate | -- | -- | -- | MG/KG | 0.35 U | NA | NA |
| Di-N-Butyl Phthalate | -- | -- | -- | MG/KG | 0.35 U | NA | NA |
| Di-N-Octylphthalate | -- | -- | -- | MG/KG | 0.35 U | NA | NA |
| Fluoranthene | 85 | 100 | 1000 | MG/KG | 0.35 U | 0.15 J | 0.055 J |
| Fluorene | 30 | 100 | 386 | MG/KG | 0.35 U | 0.36 U | 0.36 U |
| Hexachlorobenzene | 0.33 | 0.33 | 3.2 | MG/KG | 0.035 U | 0.036 U | 0.036 U |
| Hexachlorobutadiene | -- | -- | -- | MG/KG | 0.071 U | NA | NA |
| Hexachlorocyclopentadiene | -- | -- | -- | MG/KG | 0.35 U | NA | NA |
| Hexachloroethane | -- | -- | -- | MG/KG | 0.035 U | NA | NA |
| Indeno(1,2,3-C,D)Pyrene | **0.5** | 1.4 | 6.6 | MG/KG | 0.035 U | 0.18 | 0.1 |
| Isophorone | -- | -- | -- | MG/KG | 0.14 U | NA | NA |
| Naphthalene | 12 | 100 | 12 | MG/KG | 0.35 U | 0.017 J | 0.36 U |
| Nitrobenzene | 0.08 | 1.8 | 0.08 | MG/KG | 0.035 U | NA | NA |
| N-Nitrosodi-N-Propylamine | -- | -- | -- | MG/KG | 0.035 U | NA | NA |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-11 | RX-13 | RX-13 |
| | | | | Sample Date: | 01/15/2026 | 12/19/2023 | 12/19/2023 |
| | | | | Sample Depth (bls): | 14 - 16 ft | 0 - 2 ft | 3 - 5 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| N-Nitrosodiphenylamine | -- | -- | -- | MG/KG | 0.35 U | NA | NA |
| Pentachlorophenol | 0.8 | 1.3 | 0.8 | MG/KG | 0.28 U | 0.29 U | 0.29 U |
| Phenanthrene | **1.1** | 4.9 | 1000 | MG/KG | 0.35 U | 0.055 J | 0.023 J |
| Phenol | 0.33 | 100 | 0.33 | MG/KG | 0.35 U | 0.36 U | 0.36 U |
| Pyrene | 64 | 100 | 1000 | MG/KG | 0.35 U | 0.13 J | 0.044 J |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | RX-14 | RX-15 | RX-15 |
| | | | | Sample Date: | 12/18/2023 | 12/19/2023 | 12/19/2023 |
| | | | | Sample Depth (bls): | 1 - 3 ft | 0 - 2 ft | 2 - 4 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| 1,2,4,5-Tetrachlorobenzene | -- | -- | -- | MG/KG | NA | NA | NA |
| 1,4-Dioxane (P-Dioxane) | 0.1 | 5.7 | 0.1 | MG/KG | 0.039 U | 0.039 U | 0.035 U |
| 2,3,4,6-Tetrachlorophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,4,5-Trichlorophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,4,6-Trichlorophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,4-Dichlorophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,4-Dimethylphenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,4-Dinitrophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,4-Dinitrotoluene | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,6-Dinitrotoluene | -- | -- | -- | MG/KG | NA | NA | NA |
| 2-Chloronaphthalene | -- | -- | -- | MG/KG | NA | NA | NA |
| 2-Chlorophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2-Methylnaphthalene | -- | -- | -- | MG/KG | NA | NA | NA |
| 2-Methylphenol (O-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.39 U | 0.39 U | 0.35 U |
| 2-Nitroaniline | -- | -- | -- | MG/KG | NA | NA | NA |
| 2-Nitrophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 3,3'-Dichlorobenzidine | -- | -- | -- | MG/KG | NA | NA | NA |
| 3-Nitroaniline | -- | -- | -- | MG/KG | NA | NA | NA |
| 4,6-Dinitro-2-Methylphenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 4-Bromophenyl Phenyl Ether | -- | -- | -- | MG/KG | NA | NA | NA |
| 4-Chloro-3-Methylphenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 4-Chloroaniline | -- | -- | -- | MG/KG | NA | NA | NA |
| 4-Chlorophenyl Phenyl Ether | -- | -- | -- | MG/KG | NA | NA | NA |
| 4-Methylphenol (P-Cresol) | 0.33 | 100 | 0.33 | MG/KG | NA | NA | NA |
| 4-Nitroaniline | -- | -- | -- | MG/KG | NA | NA | NA |
| 4-Nitrophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| Acenaphthene | 20 | 100 | 98 | MG/KG | 0.013 J | 0.018 J | 0.011 J |
| Acenaphthylene | 100 | 100 | 365 | MG/KG | 0.04 J | 0.031 J | 0.016 J |
| Acetophenone | -- | -- | -- | MG/KG | NA | NA | NA |
| Anthracene | 100 | 100 | 1000 | MG/KG | 0.062 J | 0.073 J | 0.085 J |
| Atrazine | -- | -- | -- | MG/KG | NA | NA | NA |
| Benzaldehyde | -- | -- | -- | MG/KG | NA | NA | NA |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | RX-14 | RX-15 | RX-15 |
| | | | | Sample Date: | 12/18/2023 | 12/19/2023 | 12/19/2023 |
| | | | | Sample Depth (bls): | 1 - 3 ft | 0 - 2 ft | 2 - 4 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Benzo(A)Anthracene | **1** | 1.4 | 1 | MG/KG | 0.17 | 0.44 | 0.63 |
| Benzo(A)Pyrene | **1** | 1 | 22 | MG/KG | 0.19 | 0.42 | 0.74 |
| Benzo(B)Fluoranthene | **1** | 1.4 | 2.1 | MG/KG | 0.22 | 0.62 | 0.99 |
| Benzo(G,H,I)Perylene | **0.64** | 4.9 | 1000 | MG/KG | 0.092 JT | 0.16 JT | 0.28 JT |
| Benzo(K)Fluoranthene | **0.8** | 4.9 | 2 | MG/KG | 0.1 | 0.24 | 0.42 |
| Benzyl Butyl Phthalate | -- | -- | -- | MG/KG | NA | NA | NA |
| Biphenyl (Diphenyl) | -- | -- | -- | MG/KG | NA | NA | NA |
| Bis(2-Chloroethoxy) Methane | -- | -- | -- | MG/KG | NA | NA | NA |
| Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether) | -- | -- | -- | MG/KG | NA | NA | NA |
| Bis(2-Chloroisopropyl) Ether | -- | -- | -- | MG/KG | NA | NA | NA |
| Bis(2-Ethylhexyl) Phthalate | -- | -- | -- | MG/KG | NA | NA | NA |
| Caprolactam | -- | -- | -- | MG/KG | NA | NA | NA |
| Carbazole | -- | -- | -- | MG/KG | NA | NA | NA |
| Chrysene | **1** | 4.9 | 1 | MG/KG | 0.18 J | 0.53 | 0.74 |
| Cresols, M & P | 0.33 | 100 | 0.33 | MG/KG | 0.39 U | 0.39 U | 0.35 U |
| Dibenz(A,H)Anthracene | **0.33** | 0.33 | 1000 | MG/KG | 0.046 | 0.055 | 0.096 |
| Dibenzofuran | 2.1 | 18 | 110 | MG/KG | 0.39 U | 0.39 U | 0.35 U |
| Diethyl Phthalate | -- | -- | -- | MG/KG | NA | NA | NA |
| Dimethyl Phthalate | -- | -- | -- | MG/KG | NA | NA | NA |
| Di-N-Butyl Phthalate | -- | -- | -- | MG/KG | NA | NA | NA |
| Di-N-Octylphthalate | -- | -- | -- | MG/KG | NA | NA | NA |
| Fluoranthene | 85 | 100 | 1000 | MG/KG | 0.3 J | 0.88 | 1.3 |
| Fluorene | 30 | 100 | 386 | MG/KG | 0.015 J | 0.02 J | 0.013 J |
| Hexachlorobenzene | 0.33 | 0.33 | 3.2 | MG/KG | 0.039 U | 0.039 U | 0.035 U |
| Hexachlorobutadiene | -- | -- | -- | MG/KG | NA | NA | NA |
| Hexachlorocyclopentadiene | -- | -- | -- | MG/KG | NA | NA | NA |
| Hexachloroethane | -- | -- | -- | MG/KG | NA | NA | NA |
| Indeno(1,2,3-C,D)Pyrene | **0.5** | 1.4 | 6.6 | MG/KG | 0.16 | 0.27 | 0.44 |
| Isophorone | -- | -- | -- | MG/KG | NA | NA | NA |
| Naphthalene | 12 | 100 | 12 | MG/KG | 0.014 J | 0.39 U | 0.35 U |
| Nitrobenzene | 0.08 | 1.8 | 0.08 | MG/KG | NA | NA | NA |
| N-Nitrosodi-N-Propylamine | -- | -- | -- | MG/KG | NA | NA | NA |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | RX-14 | RX-15 | RX-15 |
| | | | | Sample Date: | 12/18/2023 | 12/19/2023 | 12/19/2023 |
| | | | | Sample Depth (bls): | 1 - 3 ft | 0 - 2 ft | 2 - 4 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| N-Nitrosodiphenylamine | -- | -- | -- | MG/KG | NA | NA | NA |
| Pentachlorophenol | 0.8 | 1.3 | 0.8 | MG/KG | 0.31 U | 0.31 U | 0.28 U |
| Phenanthrene | **1.1** | 4.9 | 1000 | MG/KG | 0.14 J | 0.36 J | 0.37 |
| Phenol | 0.33 | 100 | 0.33 | MG/KG | 0.39 U | 0.39 U | 0.35 U |
| Pyrene | 64 | 100 | 1000 | MG/KG | 0.25 J | 0.75 | 1 |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | RX-16 | RX-16 | RX-17 |
| | | | | Sample Date: | 12/19/2023 | 12/19/2023 | 12/19/2023 |
| | | | | Sample Depth (bls): | 0 - 2 ft | 2 - 4 ft | 0 - 2 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| 1,2,4,5-Tetrachlorobenzene | -- | -- | -- | MG/KG | NA | NA | NA |
| 1,4-Dioxane (P-Dioxane) | 0.1 | 5.7 | 0.1 | MG/KG | 0.037 U | 0.037 U | 0.04 U |
| 2,3,4,6-Tetrachlorophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,4,5-Trichlorophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,4,6-Trichlorophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,4-Dichlorophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,4-Dimethylphenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,4-Dinitrophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,4-Dinitrotoluene | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,6-Dinitrotoluene | -- | -- | -- | MG/KG | NA | NA | NA |
| 2-Chloronaphthalene | -- | -- | -- | MG/KG | NA | NA | NA |
| 2-Chlorophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2-Methylnaphthalene | -- | -- | -- | MG/KG | NA | NA | NA |
| 2-Methylphenol (O-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.37 U | 0.37 U | 0.4 U |
| 2-Nitroaniline | -- | -- | -- | MG/KG | NA | NA | NA |
| 2-Nitrophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 3,3'-Dichlorobenzidine | -- | -- | -- | MG/KG | NA | NA | NA |
| 3-Nitroaniline | -- | -- | -- | MG/KG | NA | NA | NA |
| 4,6-Dinitro-2-Methylphenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 4-Bromophenyl Phenyl Ether | -- | -- | -- | MG/KG | NA | NA | NA |
| 4-Chloro-3-Methylphenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 4-Chloroaniline | -- | -- | -- | MG/KG | NA | NA | NA |
| 4-Chlorophenyl Phenyl Ether | -- | -- | -- | MG/KG | NA | NA | NA |
| 4-Methylphenol (P-Cresol) | 0.33 | 100 | 0.33 | MG/KG | NA | NA | NA |
| 4-Nitroaniline | -- | -- | -- | MG/KG | NA | NA | NA |
| 4-Nitrophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| Acenaphthene | 20 | 100 | 98 | MG/KG | 0.053 J | 0.065 J | 0.4 U |
| Acenaphthylene | 100 | 100 | 365 | MG/KG | 0.14 J | 0.079 J | 0.4 U |
| Acetophenone | -- | -- | -- | MG/KG | NA | NA | NA |
| Anthracene | 100 | 100 | 1000 | MG/KG | 0.26 J | 0.22 J | 0.024 J |
| Atrazine | -- | -- | -- | MG/KG | NA | NA | NA |
| Benzaldehyde | -- | -- | -- | MG/KG | NA | NA | NA |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | RX-16 | RX-16 | RX-17 |
| | | | | Sample Date: | 12/19/2023 | 12/19/2023 | 12/19/2023 |
| | | | | Sample Depth (bls): | 0 - 2 ft | 2 - 4 ft | 0 - 2 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Benzo(A)Anthracene | **1** | 1.4 | 1 | MG/KG | 0.91 | 0.78 | 0.049 |
| Benzo(A)Pyrene | **1** | 1 | 22 | MG/KG | 0.9 | 0.85 | 0.042 |
| Benzo(B)Fluoranthene | **1** | 1.4 | 2.1 | MG/KG | 1 | **1.2** | 0.054 |
| Benzo(G,H,I)Perylene | **0.64** | 4.9 | 1000 | MG/KG | 0.53 T | **0.99 T** | 0.04 JT |
| Benzo(K)Fluoranthene | **0.8** | 4.9 | 2 | MG/KG | 0.37 | 0.41 | 0.028 J |
| Benzyl Butyl Phthalate | -- | -- | -- | MG/KG | NA | NA | NA |
| Biphenyl (Diphenyl) | -- | -- | -- | MG/KG | NA | NA | NA |
| Bis(2-Chloroethoxy) Methane | -- | -- | -- | MG/KG | NA | NA | NA |
| Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether) | -- | -- | -- | MG/KG | NA | NA | NA |
| Bis(2-Chloroisopropyl) Ether | -- | -- | -- | MG/KG | NA | NA | NA |
| Bis(2-Ethylhexyl) Phthalate | -- | -- | -- | MG/KG | NA | NA | NA |
| Caprolactam | -- | -- | -- | MG/KG | NA | NA | NA |
| Carbazole | -- | -- | -- | MG/KG | NA | NA | NA |
| Chrysene | **1** | 4.9 | 1 | MG/KG | 0.93 | 0.94 | 0.041 J |
| Cresols, M & P | 0.33 | 100 | 0.33 | MG/KG | 0.37 U | 0.37 U | 0.4 U |
| Dibenz(A,H)Anthracene | **0.33** | 0.33 | 1000 | MG/KG | 0.14 | **0.48** | 0.04 U |
| Dibenzofuran | 2.1 | 18 | 110 | MG/KG | 0.026 J | 0.043 J | 0.4 U |
| Diethyl Phthalate | -- | -- | -- | MG/KG | NA | NA | NA |
| Dimethyl Phthalate | -- | -- | -- | MG/KG | NA | NA | NA |
| Di-N-Butyl Phthalate | -- | -- | -- | MG/KG | NA | NA | NA |
| Di-N-Octylphthalate | -- | -- | -- | MG/KG | NA | NA | NA |
| Fluoranthene | 85 | 100 | 1000 | MG/KG | 1.6 | 1.5 | 0.075 J |
| Fluorene | 30 | 100 | 386 | MG/KG | 0.072 J | 0.074 J | 0.4 U |
| Hexachlorobenzene | 0.33 | 0.33 | 3.2 | MG/KG | 0.037 U | 0.037 U | 0.04 U |
| Hexachlorobutadiene | -- | -- | -- | MG/KG | NA | NA | NA |
| Hexachlorocyclopentadiene | -- | -- | -- | MG/KG | NA | NA | NA |
| Hexachloroethane | -- | -- | -- | MG/KG | NA | NA | NA |
| Indeno(1,2,3-C,D)Pyrene | **0.5** | 1.4 | 6.6 | MG/KG | **0.61** | **1** | 0.066 |
| Isophorone | -- | -- | -- | MG/KG | NA | NA | NA |
| Naphthalene | 12 | 100 | 12 | MG/KG | 0.028 J | 0.039 J | 0.4 U |
| Nitrobenzene | 0.08 | 1.8 | 0.08 | MG/KG | NA | NA | NA |
| N-Nitrosodi-N-Propylamine | -- | -- | -- | MG/KG | NA | NA | NA |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | RX-16 | RX-16 | RX-17 |
| | | | | Sample Date: | 12/19/2023 | 12/19/2023 | 12/19/2023 |
| | | | | Sample Depth (bls): | 0 - 2 ft | 2 - 4 ft | 0 - 2 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| N-Nitrosodiphenylamine | -- | -- | -- | MG/KG | NA | NA | NA |
| Pentachlorophenol | 0.8 | 1.3 | 0.8 | MG/KG | 0.3 U | 0.3 U | 0.32 U |
| Phenanthrene | **1.1** | 4.9 | 1000 | MG/KG | 1 | 1.1 | 0.043 J |
| Phenol | 0.33 | 100 | 0.33 | MG/KG | 0.37 U | 0.37 U | 0.4 U |
| Pyrene | 64 | 100 | 1000 | MG/KG | 1.7 | 1.3 | 0.057 J |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | RX-17 | RX-18 | RX-19 |
|---|---|---|---|---|---|---|---|
| Sample Designation: | | | | | RX-17 | RX-18 | RX-19 |
| Sample Date: | | | | | 12/19/2023 | 02/15/2024 | 02/15/2024 |
| Sample Depth (bls): | | | | | 4 - 6 ft | 3 - 4 ft | 3 - 5 ft |
| Normal Sample or Field Duplicate: | | | | | N | N | N |
| 1,2,4,5-Tetrachlorobenzene | -- | -- | -- | MG/KG | NA | NA | NA |
| 1,4-Dioxane (P-Dioxane) | 0.1 | 5.7 | 0.1 | MG/KG | 0.041 U | NA | NA |
| 2,3,4,6-Tetrachlorophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,4,5-Trichlorophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,4,6-Trichlorophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,4-Dichlorophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,4-Dimethylphenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,4-Dinitrophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,4-Dinitrotoluene | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,6-Dinitrotoluene | -- | -- | -- | MG/KG | NA | NA | NA |
| 2-Chloronaphthalene | -- | -- | -- | MG/KG | NA | NA | NA |
| 2-Chlorophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2-Methylnaphthalene | -- | -- | -- | MG/KG | NA | NA | NA |
| 2-Methylphenol (O-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.41 U | 0.39 U | 0.36 U |
| 2-Nitroaniline | -- | -- | -- | MG/KG | NA | NA | NA |
| 2-Nitrophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 3,3'-Dichlorobenzidine | -- | -- | -- | MG/KG | NA | NA | NA |
| 3-Nitroaniline | -- | -- | -- | MG/KG | NA | NA | NA |
| 4,6-Dinitro-2-Methylphenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 4-Bromophenyl Phenyl Ether | -- | -- | -- | MG/KG | NA | NA | NA |
| 4-Chloro-3-Methylphenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 4-Chloroaniline | -- | -- | -- | MG/KG | NA | NA | NA |
| 4-Chlorophenyl Phenyl Ether | -- | -- | -- | MG/KG | NA | NA | NA |
| 4-Methylphenol (P-Cresol) | 0.33 | 100 | 0.33 | MG/KG | NA | NA | NA |
| 4-Nitroaniline | -- | -- | -- | MG/KG | NA | NA | NA |
| 4-Nitrophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| Acenaphthene | 20 | 100 | 98 | MG/KG | 0.41 U | 0.1 J | 0.056 J |
| Acenaphthylene | 100 | 100 | 365 | MG/KG | 0.018 J | 0.16 J | 0.013 J |
| Acetophenone | -- | -- | -- | MG/KG | NA | NA | NA |
| Anthracene | 100 | 100 | 1000 | MG/KG | 0.043 J | 0.19 J | 0.14 J |
| Atrazine | -- | -- | -- | MG/KG | NA | NA | NA |
| Benzaldehyde | -- | -- | -- | MG/KG | NA | NA | NA |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | RX-17 | RX-18 | RX-19 |
| | | | | Sample Date: | 12/19/2023 | 02/15/2024 | 02/15/2024 |
| | | | | Sample Depth (bls): | 4 - 6 ft | 3 - 4 ft | 3 - 5 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Benzo(A)Anthracene | **1** | 1.4 | 1 | MG/KG | 0.2 | 0.59 | 0.27 |
| Benzo(A)Pyrene | **1** | 1 | 22 | MG/KG | 0.18 | 0.59 | 0.27 |
| Benzo(B)Fluoranthene | **1** | 1.4 | 2.1 | MG/KG | 0.21 | 0.68 | 0.3 |
| Benzo(G,H,I)Perylene | **0.64** | 4.9 | 1000 | MG/KG | 0.074 JT | 0.29 J | 0.14 J |
| Benzo(K)Fluoranthene | **0.8** | 4.9 | 2 | MG/KG | 0.11 | 0.28 | 0.11 |
| Benzyl Butyl Phthalate | -- | -- | -- | MG/KG | NA | NA | NA |
| Biphenyl (Diphenyl) | -- | -- | -- | MG/KG | NA | NA | NA |
| Bis(2-Chloroethoxy) Methane | -- | -- | -- | MG/KG | NA | NA | NA |
| Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether) | -- | -- | -- | MG/KG | NA | NA | NA |
| Bis(2-Chloroisopropyl) Ether | -- | -- | -- | MG/KG | NA | NA | NA |
| Bis(2-Ethylhexyl) Phthalate | -- | -- | -- | MG/KG | NA | NA | NA |
| Caprolactam | -- | -- | -- | MG/KG | NA | NA | NA |
| Carbazole | -- | -- | -- | MG/KG | NA | NA | NA |
| Chrysene | **1** | 4.9 | 1 | MG/KG | 0.22 J | 0.66 | 0.26 J |
| Cresols, M & P | 0.33 | 100 | 0.33 | MG/KG | 0.41 U | 0.39 U | 0.36 U |
| Dibenz(A,H)Anthracene | **0.33** | 0.33 | 1000 | MG/KG | 0.043 | 0.095 | 0.04 |
| Dibenzofuran | 2.1 | 18 | 110 | MG/KG | 0.41 U | 0.097 J | 0.04 J |
| Diethyl Phthalate | -- | -- | -- | MG/KG | NA | NA | NA |
| Dimethyl Phthalate | -- | -- | -- | MG/KG | NA | NA | NA |
| Di-N-Butyl Phthalate | -- | -- | -- | MG/KG | NA | NA | NA |
| Di-N-Octylphthalate | -- | -- | -- | MG/KG | NA | NA | NA |
| Fluoranthene | 85 | 100 | 1000 | MG/KG | 0.36 J | 1.4 | 0.58 |
| Fluorene | 30 | 100 | 386 | MG/KG | 0.41 U | 0.23 J | 0.029 J |
| Hexachlorobenzene | 0.33 | 0.33 | 3.2 | MG/KG | 0.041 U | 0.039 U | 0.036 U |
| Hexachlorobutadiene | -- | -- | -- | MG/KG | NA | NA | NA |
| Hexachlorocyclopentadiene | -- | -- | -- | MG/KG | NA | NA | NA |
| Hexachloroethane | -- | -- | -- | MG/KG | NA | NA | NA |
| Indeno(1,2,3-C,D)Pyrene | **0.5** | 1.4 | 6.6 | MG/KG | 0.13 | 0.36 | 0.17 |
| Isophorone | -- | -- | -- | MG/KG | NA | NA | NA |
| Naphthalene | 12 | 100 | 12 | MG/KG | 0.06 J | 0.47 | 0.029 J |
| Nitrobenzene | 0.08 | 1.8 | 0.08 | MG/KG | NA | NA | NA |
| N-Nitrosodi-N-Propylamine | -- | -- | -- | MG/KG | NA | NA | NA |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | RX-17 | RX-18 | RX-19 |
| | | | | Sample Date: | 12/19/2023 | 02/15/2024 | 02/15/2024 |
| | | | | Sample Depth (bls): | 4 - 6 ft | 3 - 4 ft | 3 - 5 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| N-Nitrosodiphenylamine | -- | -- | -- | MG/KG | NA | NA | NA |
| Pentachlorophenol | 0.8 | 1.3 | 0.8 | MG/KG | 0.33 U | 0.31 U | 0.29 U |
| Phenanthrene | **1.1** | 4.9 | 1000 | MG/KG | 0.19 J | 0.67 | 0.54 |
| Phenol | 0.33 | 100 | 0.33 | MG/KG | 0.41 U | 0.39 U | 0.36 U |
| Pyrene | 64 | 100 | 1000 | MG/KG | 0.35 J | 1.4 | 0.55 |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | RX-20 | RX-21 | RX-22 |
| | | | | Sample Date: | 02/15/2024 | 02/15/2024 | 09/05/2024 |
| | | | | Sample Depth (bls): | 6 - 8 ft | 10 - 12 ft | 5 - 6 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| 1,2,4,5-Tetrachlorobenzene | -- | -- | -- | MG/KG | NA | NA | NA |
| 1,4-Dioxane (P-Dioxane) | 0.1 | 5.7 | 0.1 | MG/KG | NA | NA | 0.035 U |
| 2,3,4,6-Tetrachlorophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,4,5-Trichlorophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,4,6-Trichlorophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,4-Dichlorophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,4-Dimethylphenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,4-Dinitrophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,4-Dinitrotoluene | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,6-Dinitrotoluene | -- | -- | -- | MG/KG | NA | NA | NA |
| 2-Chloronaphthalene | -- | -- | -- | MG/KG | NA | NA | NA |
| 2-Chlorophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2-Methylnaphthalene | -- | -- | -- | MG/KG | NA | NA | NA |
| 2-Methylphenol (O-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.38 U | 0.37 U | 0.35 U |
| 2-Nitroaniline | -- | -- | -- | MG/KG | NA | NA | NA |
| 2-Nitrophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 3,3'-Dichlorobenzidine | -- | -- | -- | MG/KG | NA | NA | NA |
| 3-Nitroaniline | -- | -- | -- | MG/KG | NA | NA | NA |
| 4,6-Dinitro-2-Methylphenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 4-Bromophenyl Phenyl Ether | -- | -- | -- | MG/KG | NA | NA | NA |
| 4-Chloro-3-Methylphenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 4-Chloroaniline | -- | -- | -- | MG/KG | NA | NA | NA |
| 4-Chlorophenyl Phenyl Ether | -- | -- | -- | MG/KG | NA | NA | NA |
| 4-Methylphenol (P-Cresol) | 0.33 | 100 | 0.33 | MG/KG | NA | NA | NA |
| 4-Nitroaniline | -- | -- | -- | MG/KG | NA | NA | NA |
| 4-Nitrophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| Acenaphthene | 20 | 100 | 98 | MG/KG | 0.095 J | 0.021 J | 0.35 U |
| Acenaphthylene | 100 | 100 | 365 | MG/KG | 0.11 J | 0.1 J | 0.01 J |
| Acetophenone | -- | -- | -- | MG/KG | NA | NA | NA |
| Anthracene | 100 | 100 | 1000 | MG/KG | 0.24 J | 0.076 J | 0.013 J |
| Atrazine | -- | -- | -- | MG/KG | NA | NA | NA |
| Benzaldehyde | -- | -- | -- | MG/KG | NA | NA | NA |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | RX-20 | RX-21 | RX-22 |
| | | | | Sample Date: | 02/15/2024 | 02/15/2024 | 09/05/2024 |
| | | | | Sample Depth (bls): | 6 - 8 ft | 10 - 12 ft | 5 - 6 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Benzo(A)Anthracene | **1** | 1.4 | 1 | MG/KG | 0.64 | 0.36 | 0.061 |
| Benzo(A)Pyrene | **1** | 1 | 22 | MG/KG | 0.67 | 0.46 | 0.034 J |
| Benzo(B)Fluoranthene | **1** | 1.4 | 2.1 | MG/KG | 0.82 | 0.5 | 0.048 |
| Benzo(G,H,I)Perylene | **0.64** | 4.9 | 1000 | MG/KG | 0.38 | 0.34 J | 0.02 J |
| Benzo(K)Fluoranthene | **0.8** | 4.9 | 2 | MG/KG | 0.31 | 0.2 | 0.032 J |
| Benzyl Butyl Phthalate | -- | -- | -- | MG/KG | NA | NA | NA |
| Biphenyl (Diphenyl) | -- | -- | -- | MG/KG | NA | NA | NA |
| Bis(2-Chloroethoxy) Methane | -- | -- | -- | MG/KG | NA | NA | NA |
| Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether) | -- | -- | -- | MG/KG | NA | NA | NA |
| Bis(2-Chloroisopropyl) Ether | -- | -- | -- | MG/KG | NA | NA | NA |
| Bis(2-Ethylhexyl) Phthalate | -- | -- | -- | MG/KG | NA | NA | NA |
| Caprolactam | -- | -- | -- | MG/KG | NA | NA | NA |
| Carbazole | -- | -- | -- | MG/KG | NA | NA | NA |
| Chrysene | **1** | 4.9 | 1 | MG/KG | 0.64 | 0.38 | 0.054 J |
| Cresols, M & P | 0.33 | 100 | 0.33 | MG/KG | 0.38 U | 0.37 U | 0.35 U |
| Dibenz(A,H)Anthracene | **0.33** | 0.33 | 1000 | MG/KG | 0.13 | 0.096 | 0.035 U |
| Dibenzofuran | 2.1 | 18 | 110 | MG/KG | 0.074 J | 0.02 J | 0.35 U |
| Diethyl Phthalate | -- | -- | -- | MG/KG | NA | NA | NA |
| Dimethyl Phthalate | -- | -- | -- | MG/KG | NA | NA | NA |
| Di-N-Butyl Phthalate | -- | -- | -- | MG/KG | NA | NA | NA |
| Di-N-Octylphthalate | -- | -- | -- | MG/KG | NA | NA | NA |
| Fluoranthene | 85 | 100 | 1000 | MG/KG | 1.2 | 0.64 | 0.12 J |
| Fluorene | 30 | 100 | 386 | MG/KG | 0.12 J | 0.029 J | 0.02 J |
| Hexachlorobenzene | 0.33 | 0.33 | 3.2 | MG/KG | 0.038 U | 0.037 U | 0.035 U |
| Hexachlorobutadiene | -- | -- | -- | MG/KG | NA | NA | NA |
| Hexachlorocyclopentadiene | -- | -- | -- | MG/KG | NA | NA | NA |
| Hexachloroethane | -- | -- | -- | MG/KG | NA | NA | NA |
| Indeno(1,2,3-C,D)Pyrene | **0.5** | 1.4 | 6.6 | MG/KG | 0.47 | 0.39 | 0.025 J |
| Isophorone | -- | -- | -- | MG/KG | NA | NA | NA |
| Naphthalene | 12 | 100 | 12 | MG/KG | 0.11 J | 0.027 J | 0.35 U |
| Nitrobenzene | 0.08 | 1.8 | 0.08 | MG/KG | NA | NA | NA |
| N-Nitrosodi-N-Propylamine | -- | -- | -- | MG/KG | NA | NA | NA |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | RX-20 | RX-21 | RX-22 |
| | | | | Sample Date: | 02/15/2024 | 02/15/2024 | 09/05/2024 |
| | | | | Sample Depth (bls): | 6 - 8 ft | 10 - 12 ft | 5 - 6 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| N-Nitrosodiphenylamine | -- | -- | -- | MG/KG | NA | NA | NA |
| Pentachlorophenol | 0.8 | 1.3 | 0.8 | MG/KG | 0.31 U | 0.3 U | 0.28 U |
| Phenanthrene | **1.1** | 4.9 | 1000 | MG/KG | 0.94 | 0.4 | 0.1 J |
| Phenol | 0.33 | 100 | 0.33 | MG/KG | 0.38 U | 0.37 U | 0.35 U |
| Pyrene | 64 | 100 | 1000 | MG/KG | 1.1 | 0.66 | 0.12 J |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | RX-23 | RX-23 | RX-24 |
| | | | | Sample Date: | 09/06/2024 | 09/06/2024 | 09/06/2024 |
| | | | | Sample Depth (bls): | 5 - 7 ft | 10 - 12 ft | 7 - 8 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| 1,2,4,5-Tetrachlorobenzene | -- | -- | -- | MG/KG | NA | NA | NA |
| 1,4-Dioxane (P-Dioxane) | 0.1 | 5.7 | 0.1 | MG/KG | 0.033 U | 0.033 U | 0.038 U |
| 2,3,4,6-Tetrachlorophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,4,5-Trichlorophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,4,6-Trichlorophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,4-Dichlorophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,4-Dimethylphenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,4-Dinitrophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,4-Dinitrotoluene | -- | -- | -- | MG/KG | NA | NA | NA |
| 2,6-Dinitrotoluene | -- | -- | -- | MG/KG | NA | NA | NA |
| 2-Chloronaphthalene | -- | -- | -- | MG/KG | NA | NA | NA |
| 2-Chlorophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 2-Methylnaphthalene | -- | -- | -- | MG/KG | NA | NA | NA |
| 2-Methylphenol (O-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| 2-Nitroaniline | -- | -- | -- | MG/KG | NA | NA | NA |
| 2-Nitrophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 3,3'-Dichlorobenzidine | -- | -- | -- | MG/KG | NA | NA | NA |
| 3-Nitroaniline | -- | -- | -- | MG/KG | NA | NA | NA |
| 4,6-Dinitro-2-Methylphenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 4-Bromophenyl Phenyl Ether | -- | -- | -- | MG/KG | NA | NA | NA |
| 4-Chloro-3-Methylphenol | -- | -- | -- | MG/KG | NA | NA | NA |
| 4-Chloroaniline | -- | -- | -- | MG/KG | NA | NA | NA |
| 4-Chlorophenyl Phenyl Ether | -- | -- | -- | MG/KG | NA | NA | NA |
| 4-Methylphenol (P-Cresol) | 0.33 | 100 | 0.33 | MG/KG | NA | NA | NA |
| 4-Nitroaniline | -- | -- | -- | MG/KG | NA | NA | NA |
| 4-Nitrophenol | -- | -- | -- | MG/KG | NA | NA | NA |
| Acenaphthene | 20 | 100 | 98 | MG/KG | 0.12 J | 0.11 J | 0.19 J |
| Acenaphthylene | 100 | 100 | 365 | MG/KG | 0.1 J | 0.18 J | 0.05 J |
| Acetophenone | -- | -- | -- | MG/KG | NA | NA | NA |
| Anthracene | 100 | 100 | 1000 | MG/KG | 0.26 J | 0.31 J | 0.62 |
| Atrazine | -- | -- | -- | MG/KG | NA | NA | NA |
| Benzaldehyde | -- | -- | -- | MG/KG | NA | NA | NA |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | RX-23 | RX-23 | RX-24 |
| | | | | Sample Date: | 09/06/2024 | 09/06/2024 | 09/06/2024 |
| | | | | Sample Depth (bls): | 5 - 7 ft | 10 - 12 ft | 7 - 8 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Benzo(A)Anthracene | **1** | 1.4 | 1 | MG/KG | 0.56 | 0.76 | **1.5** |
| Benzo(A)Pyrene | **1** | 1 | 22 | MG/KG | 0.57 | 0.74 | **1.5** |
| Benzo(B)Fluoranthene | **1** | 1.4 | 2.1 | MG/KG | 0.76 | **1.1** | **1.7** |
| Benzo(G,H,I)Perylene | **0.64** | 4.9 | 1000 | MG/KG | 0.34 | 0.53 | 0.53 |
| Benzo(K)Fluoranthene | **0.8** | 4.9 | 2 | MG/KG | 0.35 | 0.47 | 0.6 |
| Benzyl Butyl Phthalate | -- | -- | -- | MG/KG | NA | NA | NA |
| Biphenyl (Diphenyl) | -- | -- | -- | MG/KG | NA | NA | NA |
| Bis(2-Chloroethoxy) Methane | -- | -- | -- | MG/KG | NA | NA | NA |
| Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether) | -- | -- | -- | MG/KG | NA | NA | NA |
| Bis(2-Chloroisopropyl) Ether | -- | -- | -- | MG/KG | NA | NA | NA |
| Bis(2-Ethylhexyl) Phthalate | -- | -- | -- | MG/KG | NA | NA | NA |
| Caprolactam | -- | -- | -- | MG/KG | NA | NA | NA |
| Carbazole | -- | -- | -- | MG/KG | NA | NA | NA |
| Chrysene | **1** | 4.9 | 1 | MG/KG | 0.61 | 0.85 | **1.7** |
| Cresols, M & P | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.029 J | 0.38 U |
| Dibenz(A,H)Anthracene | **0.33** | 0.33 | 1000 | MG/KG | 0.057 | 0.14 | 0.13 |
| Dibenzofuran | 2.1 | 18 | 110 | MG/KG | 0.17 J | 0.17 J | 0.058 J |
| Diethyl Phthalate | -- | -- | -- | MG/KG | NA | NA | NA |
| Dimethyl Phthalate | -- | -- | -- | MG/KG | NA | NA | NA |
| Di-N-Butyl Phthalate | -- | -- | -- | MG/KG | NA | NA | NA |
| Di-N-Octylphthalate | -- | -- | -- | MG/KG | NA | NA | NA |
| Fluoranthene | 85 | 100 | 1000 | MG/KG | 1.5 | 2 | 3 |
| Fluorene | 30 | 100 | 386 | MG/KG | 0.32 J | 0.35 | 0.18 J |
| Hexachlorobenzene | 0.33 | 0.33 | 3.2 | MG/KG | 0.033 U | 0.033 U | 0.038 U |
| Hexachlorobutadiene | -- | -- | -- | MG/KG | NA | NA | NA |
| Hexachlorocyclopentadiene | -- | -- | -- | MG/KG | NA | NA | NA |
| Hexachloroethane | -- | -- | -- | MG/KG | NA | NA | NA |
| Indeno(1,2,3-C,D)Pyrene | **0.5** | 1.4 | 6.6 | MG/KG | 0.34 | **0.54** | **0.59** |
| Isophorone | -- | -- | -- | MG/KG | NA | NA | NA |
| Naphthalene | 12 | 100 | 12 | MG/KG | 0.15 J | 0.21 J | 0.15 J |
| Nitrobenzene | 0.08 | 1.8 | 0.08 | MG/KG | NA | NA | NA |
| N-Nitrosodi-N-Propylamine | -- | -- | -- | MG/KG | NA | NA | NA |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | RX-23 | RX-23 | RX-24 |
| | | | | Sample Date: | 09/06/2024 | 09/06/2024 | 09/06/2024 |
| | | | | Sample Depth (bls): | 5 - 7 ft | 10 - 12 ft | 7 - 8 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| N-Nitrosodiphenylamine | -- | -- | -- | MG/KG | NA | NA | NA |
| Pentachlorophenol | 0.8 | 1.3 | 0.8 | MG/KG | 0.27 U | 0.27 U | 0.3 U |
| Phenanthrene | **1.1** | 4.9 | 1000 | MG/KG | **1.3** | **1.9** | **2.7** |
| Phenol | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.33 U | 0.38 U |
| Pyrene | 64 | 100 | 1000 | MG/KG | 1.3 | 1.7 | 3.5 |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | RX-24 | RX-25 | RX-3 |
| | | | | Sample Date: | 09/06/2024 | 09/06/2024 | 05/31/2022 |
| | | | | Sample Depth (bls): | 14 - 15 ft | 3 - 5 ft | 0 - 2 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| 1,2,4,5-Tetrachlorobenzene | -- | -- | -- | MG/KG | NA | NA | 0.34 U |
| 1,4-Dioxane (P-Dioxane) | 0.1 | 5.7 | 0.1 | MG/KG | 0.033 U | 0.033 U | 0.034 U |
| 2,3,4,6-Tetrachlorophenol | -- | -- | -- | MG/KG | NA | NA | 0.34 UT |
| 2,4,5-Trichlorophenol | -- | -- | -- | MG/KG | NA | NA | 0.34 U |
| 2,4,6-Trichlorophenol | -- | -- | -- | MG/KG | NA | NA | 0.14 U |
| 2,4-Dichlorophenol | -- | -- | -- | MG/KG | NA | NA | 0.14 U |
| 2,4-Dimethylphenol | -- | -- | -- | MG/KG | NA | NA | 0.34 U |
| 2,4-Dinitrophenol | -- | -- | -- | MG/KG | NA | NA | 0.28 U |
| 2,4-Dinitrotoluene | -- | -- | -- | MG/KG | NA | NA | 0.07 U |
| 2,6-Dinitrotoluene | -- | -- | -- | MG/KG | NA | NA | 0.07 U |
| 2-Chloronaphthalene | -- | -- | -- | MG/KG | NA | NA | 0.34 U |
| 2-Chlorophenol | -- | -- | -- | MG/KG | NA | NA | 0.34 U |
| 2-Methylnaphthalene | -- | -- | -- | MG/KG | NA | NA | 0.34 U |
| 2-Methylphenol (O-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.33 U | 0.34 U |
| 2-Nitroaniline | -- | -- | -- | MG/KG | NA | NA | 0.34 U |
| 2-Nitrophenol | -- | -- | -- | MG/KG | NA | NA | 0.34 U |
| 3,3'-Dichlorobenzidine | -- | -- | -- | MG/KG | NA | NA | 0.14 U |
| 3-Nitroaniline | -- | -- | -- | MG/KG | NA | NA | 0.34 U |
| 4,6-Dinitro-2-Methylphenol | -- | -- | -- | MG/KG | NA | NA | 0.28 U |
| 4-Bromophenyl Phenyl Ether | -- | -- | -- | MG/KG | NA | NA | 0.34 U |
| 4-Chloro-3-Methylphenol | -- | -- | -- | MG/KG | NA | NA | 0.34 U |
| 4-Chloroaniline | -- | -- | -- | MG/KG | NA | NA | 0.34 U |
| 4-Chlorophenyl Phenyl Ether | -- | -- | -- | MG/KG | NA | NA | 0.34 U |
| 4-Methylphenol (P-Cresol) | 0.33 | 100 | 0.33 | MG/KG | NA | NA | 0.34 U |
| 4-Nitroaniline | -- | -- | -- | MG/KG | NA | NA | 0.34 U |
| 4-Nitrophenol | -- | -- | -- | MG/KG | NA | NA | 0.7 U |
| Acenaphthene | 20 | 100 | 98 | MG/KG | 0.33 U | 0.17 J | 0.34 U |
| Acenaphthylene | 100 | 100 | 365 | MG/KG | 0.33 U | 0.23 J | 0.044 J |
| Acetophenone | -- | -- | -- | MG/KG | NA | NA | 0.34 U |
| Anthracene | 100 | 100 | 1000 | MG/KG | 0.33 U | 0.36 | 0.03 J |
| Atrazine | -- | -- | -- | MG/KG | NA | NA | 0.14 UT |
| Benzaldehyde | -- | -- | -- | MG/KG | NA | NA | 0.34 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | RX-24 | RX-25 | RX-3 |
| | | | | Sample Date: | 09/06/2024 | 09/06/2024 | 05/31/2022 |
| | | | | Sample Depth (bls): | 14 - 15 ft | 3 - 5 ft | 0 - 2 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Benzo(A)Anthracene | **1** | 1.4 | 1 | MG/KG | 0.033 U | **1.3** | 0.19 |
| Benzo(A)Pyrene | **1** | 1 | 22 | MG/KG | 0.033 U | **1.5** | 0.23 |
| Benzo(B)Fluoranthene | **1** | 1.4 | 2.1 | MG/KG | 0.033 U | **1.9** | 0.36 |
| Benzo(G,H,I)Perylene | **0.64** | 4.9 | 1000 | MG/KG | 0.33 U | 0.57 | 0.37 |
| Benzo(K)Fluoranthene | **0.8** | 4.9 | 2 | MG/KG | 0.033 U | **0.97** | 0.14 |
| Benzyl Butyl Phthalate | -- | -- | -- | MG/KG | NA | NA | 0.34 U |
| Biphenyl (Diphenyl) | -- | -- | -- | MG/KG | NA | NA | 0.34 U |
| Bis(2-Chloroethoxy) Methane | -- | -- | -- | MG/KG | NA | NA | 0.34 U |
| Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether) | -- | -- | -- | MG/KG | NA | NA | 0.034 U |
| Bis(2-Chloroisopropyl) Ether | -- | -- | -- | MG/KG | NA | NA | 0.34 U |
| Bis(2-Ethylhexyl) Phthalate | -- | -- | -- | MG/KG | NA | NA | 0.042 J |
| Caprolactam | -- | -- | -- | MG/KG | NA | NA | 0.34 U |
| Carbazole | -- | -- | -- | MG/KG | NA | NA | 0.028 J |
| Chrysene | **1** | 4.9 | 1 | MG/KG | 0.33 U | **1.6** | 0.26 J |
| Cresols, M & P | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.33 U | 0.34 U |
| Dibenz(A,H)Anthracene | **0.33** | 0.33 | 1000 | MG/KG | 0.033 U | 0.092 | 0.059 |
| Dibenzofuran | 2.1 | 18 | 110 | MG/KG | 0.33 U | 0.14 J | 0.34 U |
| Diethyl Phthalate | -- | -- | -- | MG/KG | NA | NA | 0.34 U |
| Dimethyl Phthalate | -- | -- | -- | MG/KG | NA | NA | 0.34 U |
| Di-N-Butyl Phthalate | -- | -- | -- | MG/KG | NA | NA | 0.017 J |
| Di-N-Octylphthalate | -- | -- | -- | MG/KG | NA | NA | 0.34 U |
| Fluoranthene | 85 | 100 | 1000 | MG/KG | 0.33 U | 2.6 | 0.44 |
| Fluorene | 30 | 100 | 386 | MG/KG | 0.021 J | 0.34 | 0.34 U |
| Hexachlorobenzene | 0.33 | 0.33 | 3.2 | MG/KG | 0.033 U | 0.033 U | 0.034 U |
| Hexachlorobutadiene | -- | -- | -- | MG/KG | NA | NA | 0.07 U |
| Hexachlorocyclopentadiene | -- | -- | -- | MG/KG | NA | NA | 0.34 U |
| Hexachloroethane | -- | -- | -- | MG/KG | NA | NA | 0.034 U |
| Indeno(1,2,3-C,D)Pyrene | **0.5** | 1.4 | 6.6 | MG/KG | 0.033 U | **0.65** | 0.32 |
| Isophorone | -- | -- | -- | MG/KG | NA | NA | 0.14 U |
| Naphthalene | 12 | 100 | 12 | MG/KG | 0.33 U | 0.13 J | 0.34 U |
| Nitrobenzene | 0.08 | 1.8 | 0.08 | MG/KG | NA | NA | 0.034 U |
| N-Nitrosodi-N-Propylamine | -- | -- | -- | MG/KG | NA | NA | 0.034 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | RX-24 | RX-25 | RX-3 |
| | | | | Sample Date: | 09/06/2024 | 09/06/2024 | 05/31/2022 |
| | | | | Sample Depth (bls): | 14 - 15 ft | 3 - 5 ft | 0 - 2 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| N-Nitrosodiphenylamine | -- | -- | -- | MG/KG | NA | NA | 0.34 U |
| Pentachlorophenol | 0.8 | 1.3 | 0.8 | MG/KG | 0.27 U | 0.27 U | 0.28 U |
| Phenanthrene | **1.1** | 4.9 | 1000 | MG/KG | 0.056 J | **2** | 0.13 J |
| Phenol | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.33 U | 0.34 U |
| Pyrene | 64 | 100 | 1000 | MG/KG | 0.011 J | 2.4 | 0.35 |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: RX-3 | RX-5 | RX-5 |
|---|---|---|---|---|---|---|---|
| | | | | | Sample Date: 05/31/2022 | 05/31/2022 | 05/31/2022 |
| | | | | | Sample Depth (bls): 12 - 14 ft | 0 - 2 ft | 10 - 12 ft |
| | | | | | Normal Sample or Field Duplicate: N | N | N |
| 1,2,4,5-Tetrachlorobenzene | -- | -- | -- | MG/KG | 0.33 U | 0.35 U | 0.33 U |
| 1,4-Dioxane (P-Dioxane) | 0.1 | 5.7 | 0.1 | MG/KG | 0.033 U | 0.035 U | 0.033 U |
| 2,3,4,6-Tetrachlorophenol | -- | -- | -- | MG/KG | 0.33 UT | 0.35 UT | 0.33 UT |
| 2,4,5-Trichlorophenol | -- | -- | -- | MG/KG | 0.33 U | 0.35 U | 0.33 U |
| 2,4,6-Trichlorophenol | -- | -- | -- | MG/KG | 0.13 U | 0.14 U | 0.13 U |
| 2,4-Dichlorophenol | -- | -- | -- | MG/KG | 0.13 U | 0.14 U | 0.13 U |
| 2,4-Dimethylphenol | -- | -- | -- | MG/KG | 0.33 U | 0.35 U | 0.33 U |
| 2,4-Dinitrophenol | -- | -- | -- | MG/KG | 0.27 U | 0.28 U | 0.27 U |
| 2,4-Dinitrotoluene | -- | -- | -- | MG/KG | 0.068 U | 0.071 U | 0.067 U |
| 2,6-Dinitrotoluene | -- | -- | -- | MG/KG | 0.068 U | 0.071 U | 0.067 U |
| 2-Chloronaphthalene | -- | -- | -- | MG/KG | 0.33 U | 0.35 U | 0.33 U |
| 2-Chlorophenol | -- | -- | -- | MG/KG | 0.33 U | 0.35 U | 0.33 U |
| 2-Methylnaphthalene | -- | -- | -- | MG/KG | 0.33 U | 0.034 J | 0.33 U |
| 2-Methylphenol (O-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.35 U | 0.33 U |
| 2-Nitroaniline | -- | -- | -- | MG/KG | 0.33 U | 0.35 U | 0.33 U |
| 2-Nitrophenol | -- | -- | -- | MG/KG | 0.33 U | 0.35 U | 0.33 U |
| 3,3'-Dichlorobenzidine | -- | -- | -- | MG/KG | 0.13 U | 0.14 U | 0.13 U |
| 3-Nitroaniline | -- | -- | -- | MG/KG | 0.33 U | 0.35 U | 0.33 U |
| 4,6-Dinitro-2-Methylphenol | -- | -- | -- | MG/KG | 0.27 U | 0.28 U | 0.27 U |
| 4-Bromophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.33 U | 0.35 U | 0.33 U |
| 4-Chloro-3-Methylphenol | -- | -- | -- | MG/KG | 0.33 U | 0.35 U | 0.33 U |
| 4-Chloroaniline | -- | -- | -- | MG/KG | 0.33 U | 0.35 U | 0.33 U |
| 4-Chlorophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.33 U | 0.35 U | 0.33 U |
| 4-Methylphenol (P-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.35 U | 0.33 U |
| 4-Nitroaniline | -- | -- | -- | MG/KG | 0.33 U | 0.35 U | 0.33 U |
| 4-Nitrophenol | -- | -- | -- | MG/KG | 0.68 U | 0.71 U | 0.67 U |
| Acenaphthene | 20 | 100 | 98 | MG/KG | 0.33 U | 0.1 J | 0.33 U |
| Acenaphthylene | 100 | 100 | 365 | MG/KG | 0.33 U | 0.13 J | 0.33 U |
| Acetophenone | -- | -- | -- | MG/KG | 0.33 U | 0.35 U | 0.33 U |
| Anthracene | 100 | 100 | 1000 | MG/KG | 0.33 U | 0.49 | 0.33 U |
| Atrazine | -- | -- | -- | MG/KG | 0.13 UT | 0.14 UT | 0.13 UT |
| Benzaldehyde | -- | -- | -- | MG/KG | 0.33 U | 0.35 U | 0.33 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | RX-3 | RX-5 | RX-5 |
| | | | | Sample Date: | 05/31/2022 | 05/31/2022 | 05/31/2022 |
| | | | | Sample Depth (bls): | 12 - 14 ft | 0 - 2 ft | 10 - 12 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Benzo(A)Anthracene | **1** | 1.4 | 1 | MG/KG | 0.02 J | **1.1** | 0.033 U |
| Benzo(A)Pyrene | **1** | 1 | 22 | MG/KG | 0.016 J | 0.98 | 0.033 U |
| Benzo(B)Fluoranthene | **1** | 1.4 | 2.1 | MG/KG | 0.02 J | **1.4** | 0.033 U |
| Benzo(G,H,I)Perylene | **0.64** | 4.9 | 1000 | MG/KG | 0.011 J | 0.61 | 0.33 U |
| Benzo(K)Fluoranthene | **0.8** | 4.9 | 2 | MG/KG | 0.0085 J | 0.48 | 0.033 U |
| Benzyl Butyl Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.35 U | 0.33 U |
| Biphenyl (Diphenyl) | -- | -- | -- | MG/KG | 0.33 U | 0.025 J | 0.33 U |
| Bis(2-Chloroethoxy) Methane | -- | -- | -- | MG/KG | 0.33 U | 0.35 U | 0.33 U |
| Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether) | -- | -- | -- | MG/KG | 0.033 U | 0.035 U | 0.033 U |
| Bis(2-Chloroisopropyl) Ether | -- | -- | -- | MG/KG | 0.33 U | 0.35 U | 0.33 U |
| Bis(2-Ethylhexyl) Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.37 | 0.33 U |
| Caprolactam | -- | -- | -- | MG/KG | 0.33 U | 0.35 U | 0.33 U |
| Carbazole | -- | -- | -- | MG/KG | 0.33 U | 0.12 J | 0.33 U |
| Chrysene | **1** | 4.9 | 1 | MG/KG | 0.013 J | **1.1** | 0.33 U |
| Cresols, M & P | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.35 U | 0.33 U |
| Dibenz(A,H)Anthracene | **0.33** | 0.33 | 1000 | MG/KG | 0.033 U | 0.12 | 0.033 U |
| Dibenzofuran | 2.1 | 18 | 110 | MG/KG | 0.33 U | 0.2 J | 0.33 U |
| Diethyl Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.35 U | 0.33 U |
| Dimethyl Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.35 U | 0.33 U |
| Di-N-Butyl Phthalate | -- | -- | -- | MG/KG | 0.33 U | 0.13 J | 0.33 U |
| Di-N-Octylphthalate | -- | -- | -- | MG/KG | 0.33 U | 0.35 U | 0.33 U |
| Fluoranthene | 85 | 100 | 1000 | MG/KG | 0.022 J | 3 | 0.33 U |
| Fluorene | 30 | 100 | 386 | MG/KG | 0.33 U | 0.34 J | 0.33 U |
| Hexachlorobenzene | 0.33 | 0.33 | 3.2 | MG/KG | 0.033 U | 0.035 U | 0.033 U |
| Hexachlorobutadiene | -- | -- | -- | MG/KG | 0.068 U | 0.071 U | 0.067 U |
| Hexachlorocyclopentadiene | -- | -- | -- | MG/KG | 0.33 U | 0.35 U | 0.33 U |
| Hexachloroethane | -- | -- | -- | MG/KG | 0.033 U | 0.035 U | 0.033 U |
| Indeno(1,2,3-C,D)Pyrene | **0.5** | 1.4 | 6.6 | MG/KG | 0.032 J | **0.81** | 0.033 U |
| Isophorone | -- | -- | -- | MG/KG | 0.13 U | 0.14 U | 0.13 U |
| Naphthalene | 12 | 100 | 12 | MG/KG | 0.33 U | 0.073 J | 0.33 U |
| Nitrobenzene | 0.08 | 1.8 | 0.08 | MG/KG | 0.033 U | 0.035 U | 0.033 U |
| N-Nitrosodi-N-Propylamine | -- | -- | -- | MG/KG | 0.033 U | 0.035 U | 0.033 U |

**Table 3. Summary of Semivolatile Organic Compounds in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | RX-3 | RX-5 | RX-5 |
| | | | | Sample Date: | 05/31/2022 | 05/31/2022 | 05/31/2022 |
| | | | | Sample Depth (bls): | 12 - 14 ft | 0 - 2 ft | 10 - 12 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| N-Nitrosodiphenylamine | -- | -- | -- | MG/KG | 0.33 U | 0.35 U | 0.33 U |
| Pentachlorophenol | 0.8 | 1.3 | 0.8 | MG/KG | 0.27 U | 0.28 U | 0.27 U |
| Phenanthrene | **1.1** | 4.9 | 1000 | MG/KG | 0.013 J | **2.1** | 0.33 U |
| Phenol | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 0.35 U | 0.33 U |
| Pyrene | 64 | 100 | 1000 | MG/KG | 0.017 J | 2.5 | 0.33 U |

**Table 4. Summary of Metals in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: ETSB-01 | ETSB-01 | ETSB-01 | ETSB-01 | ETSB-01 |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | Sample Date: 01/14/2026 | 01/14/2026 | 01/14/2026 | 01/14/2026 | 01/14/2026 |
| | | | | | Sample Depth (bls): 0 - 2 in | 2 - 4 ft | 2 - 4 ft | 6 - 8 ft | 9 - 11 ft |
| | | | | | Normal Sample or Field Duplicate: N | N | FD | N | N |
| Aluminum | -- | -- | -- | MG/KG | 5020 | 5740 | 7360 | 8100 | 2090 |
| Antimony | -- | -- | -- | MG/KG | 0.18 J | 0.16 J | 0.9 U | 0.92 U | 0.93 U |
| Arsenic | **13** | 16 | 16 | MG/KG | 3.6 | 1.2 | 0.89 J | 1.1 | 0.32 J |
| Barium | **410** | 410 | 820 | MG/KG | 35.8 | 49.2 | 27 | 26.4 | 13.7 |
| Beryllium | **4.4** | 43 | 47 | MG/KG | 0.54 | 0.96 | 1.3 | 1.6 | 0.53 |
| Cadmium | **2.5** | 2.5 | 7.5 | MG/KG | 0.11 J | 0.16 J | 0.19 J | 0.2 J | 0.47 U |
| Calcium | -- | -- | -- | MG/KG | 101000 | 126000 | 132000 | 127000 | 183000 |
| Chromium III | **30** | 110 | -- | MG/KG | 10.5 | 9.6 | 9.8 | 10 | 3.1 |
| Chromium, Hexavalent | 1 | 1 | 19 | MG/KG | 1 U | 1 U | 1 U | 1 U | 0.99 U |
| Chromium, Total | **30** | 110 | -- | MG/KG | 10.5 | 9.6 | 9.8 | 10 | 3.1 |
| Cobalt | -- | -- | -- | MG/KG | 5.1 | 3.1 | 3.6 | 3.4 | 1.5 |
| Copper | **50** | 280 | 1720 | MG/KG | 17.6 | 10.7 | 9.1 | 10.5 | 2.9 |
| Cyanide | **2.3** | 13 | 40 | MG/KG | 0.24 U | 0.23 U | 0.14 J | 0.23 U | 0.22 U |
| Iron | -- | -- | -- | MG/KG | 11200 | 9320 | 10200 | 11200 | 4700 |
| Lead | **63** | 400 | 450 | MG/KG | 53.7 | 46.3 | 17.2 | 24.3 | 2.7 |
| Magnesium | -- | -- | -- | MG/KG | 57200 | 68800 | 74600 | 71500 | 106000 |
| Manganese | **1600** | 2000 | 2000 | MG/KG | 260 | 358 | 405 | 468 | 352 |
| Mercury | **0.18** | 0.3 | 0.73 | MG/KG | 0.053 | 0.064 | 0.051 | 0.063 | 0.016 U |
| Nickel | **30** | 320 | 130 | MG/KG | 10.6 | 6.8 | 6.2 | 6.9 | 2.6 |
| Potassium | -- | -- | -- | MG/KG | 896 | 652 | 807 | 677 | 297 |
| Selenium | 3.9 | 110 | 4 | MG/KG | 0.16 J | 0.13 J | 1.1 U | 1.1 U | 1.2 U |
| Silver | 2 | 110 | 8.3 | MG/KG | 0.38 U | 0.4 U | 0.36 U | 0.37 U | 0.37 U |
| Sodium | -- | -- | -- | MG/KG | 115 | 335 | 213 | 244 | 65 J |
| Thallium | -- | -- | -- | MG/KG | 0.11 J | 0.13 J | 0.2 J | 0.2 J | 0.056 J |
| Vanadium | -- | -- | -- | MG/KG | 15.2 | 13.2 | 14 | 14.9 | 4.2 |
| Zinc | **109** | 6600 | 2480 | MG/KG | 64.4 | 60.6 | 52.7 | 67.1 | 31.1 |

**Table 4. Summary of Metals in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: ETSB-02 | ETSB-02 | ETSB-02 | ETSB-02 | ETSB-03 |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | Sample Date: 01/16/2026 | 01/16/2026 | 01/16/2026 | 01/16/2026 | 01/15/2026 |
| | | | | | Sample Depth (bls): 0 - 2 in | 2 - 4 ft | 12 - 14 ft | 12 - 14 ft | 0 - 2 in |
| | | | | | Normal Sample or Field Duplicate: N | N | N | FD | N |
| Aluminum | -- | -- | -- | MG/KG | 2600 | 2560 | 662 | 863 | 14300 |
| Antimony | -- | -- | -- | MG/KG | 1 U | 1 U | 0.96 U | 0.98 U | 0.3 J |
| Arsenic | **13** | 16 | 16 | MG/KG | 0.63 J | 0.5 J | 0.16 J | 0.35 J | **19.6** |
| Barium | **410** | 410 | 820 | MG/KG | 20.9 | 16.8 | 4.9 | 6.5 | 57.4 |
| Beryllium | **4.4** | 43 | 47 | MG/KG | 0.45 | 0.56 | 0.099 J | 0.16 J | 0.51 |
| Cadmium | **2.5** | 2.5 | 7.5 | MG/KG | 0.15 J | 0.11 J | 0.48 U | 0.49 U | 0.22 J |
| Calcium | -- | -- | -- | MG/KG | 171000 | 180000 | 203000 | 191000 | 3820 |
| Chromium III | **30** | 110 | -- | MG/KG | 5.5 | 3.9 | 2 U | 2 U | 18.8 |
| Chromium, Hexavalent | 1 | 1 | 19 | MG/KG | 1 U | 1 U | 0.99 U | 0.99 U | 1.2 U |
| Chromium, Total | **30** | 110 | -- | MG/KG | 5.5 | 3.9 | 0.82 J | 1.3 J | 18.8 |
| Cobalt | -- | -- | -- | MG/KG | 2.3 | 1.7 | 0.28 J | 0.52 J | 4.4 |
| Copper | **50** | 280 | 1720 | MG/KG | 5.6 | 3.4 | 0.76 J | 2.8 | 34.7 |
| Cyanide | **2.3** | 13 | 40 | MG/KG | 0.23 U | 0.24 U | 0.23 U | 0.22 U | 0.25 J |
| Iron | -- | -- | -- | MG/KG | 6790 | 5920 | 1310 | 2020 | 14900 |
| Lead | **63** | 400 | 450 | MG/KG | 6 | 5.7 | 1.6 | 4.2 | **67.7** |
| Magnesium | -- | -- | -- | MG/KG | 98300 | 105000 | 115000 | 110000 | 2860 |
| Manganese | **1600** | 2000 | 2000 | MG/KG | 359 | 360 | 151 | 180 | 173 |
| Mercury | **0.18** | 0.3 | 0.73 | MG/KG | 0.018 U | 0.017 U | 0.025 | **0.36** | **0.22** |
| Nickel | **30** | 320 | 130 | MG/KG | 4.7 | 3.2 | 0.63 J | 1.5 J | 10.7 |
| Potassium | -- | -- | -- | MG/KG | 546 | 307 | 141 | 113 | 584 |
| Selenium | 3.9 | 110 | 4 | MG/KG | 1.3 U | 1.3 U | 1.2 U | 1.2 U | 0.63 J |
| Silver | 2 | 110 | 8.3 | MG/KG | 0.4 U | 0.4 U | 0.39 U | 0.39 U | 0.46 U |
| Sodium | -- | -- | -- | MG/KG | 68.4 J | 47.4 J | 96.4 U | 98.1 U | 72.7 J |
| Thallium | -- | -- | -- | MG/KG | 0.073 J | 0.07 J | 0.39 U | 0.39 U | 0.11 J |
| Vanadium | -- | -- | -- | MG/KG | 8.1 | 7.8 | 2.4 | 3.4 | 27.2 |
| Zinc | **109** | 6600 | 2480 | MG/KG | 70.4 | 50.3 | 6.4 J | 12.2 | 66.7 |

**Table 4. Summary of Metals in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: ETSB-03 | ETSB-03 | ETSB-03 | ETSB-03 | ETSB-04 |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | Sample Date: 01/15/2026 | 01/15/2026 | 01/15/2026 | 01/15/2026 | 01/13/2026 |
| | | | | | Sample Depth (bls): 2 - 4 ft | 6 - 8 ft | 10 - 12 ft | 14 - 16 ft | 0 - 2 in |
| | | | | | Normal Sample or Field Duplicate: N | N | N | N | N |
| Aluminum | -- | -- | -- | MG/KG | 9090 | 5260 | 10000 | 11300 | 8040 |
| Antimony | -- | -- | -- | MG/KG | 0.21 J | 1 U | 0.99 U | 0.98 U | 1.2 |
| Arsenic | **13** | 16 | 16 | MG/KG | 6 | 0.64 J | 1 | 0.6 J | 9.3 |
| Barium | **410** | 410 | 820 | MG/KG | 114 | 14.8 | 35.5 | 17.8 | 253 |
| Beryllium | **4.4** | 43 | 47 | MG/KG | 0.53 | 1.7 | 2.4 | 2.2 | 0.93 |
| Cadmium | **2.5** | 2.5 | 7.5 | MG/KG | 0.24 J | 0.34 J | 0.36 J | 0.49 U | **3.6** |
| Calcium | -- | -- | -- | MG/KG | 14700 | 183000 | 156000 | 195000 | 77900 |
| Chromium III | **30** | 110 | -- | MG/KG | 17.5 | 5.6 | 12.7 | 8.4 | **44.6** |
| Chromium, Hexavalent | 1 | 1 | 19 | MG/KG | 1 U | 1 U | 1.1 U | 1.1 U | 1.1 U |
| Chromium, Total | **30** | 110 | -- | MG/KG | 17.5 | 5.6 | 12.7 | 8.4 | **44.6** |
| Cobalt | -- | -- | -- | MG/KG | 5.9 | 1.8 | 4.5 | 1.9 | 5.8 |
| Copper | **50** | 280 | 1720 | MG/KG | 26.5 | 3.6 | 8.7 | 4.5 | **103** |
| Cyanide | **2.3** | 13 | 40 | MG/KG | 0.22 U | 0.22 U | 0.23 U | 0.22 U | 0.25 U |
| Iron | -- | -- | -- | MG/KG | 13100 | 11100 | 17500 | 12800 | 29700 |
| Lead | **63** | 400 | 450 | MG/KG | **137** | 20.3 | 24.1 | 5.3 | **338** |
| Magnesium | -- | -- | -- | MG/KG | 9170 | 98200 | 103000 | 113000 | 28700 |
| Manganese | **1600** | 2000 | 2000 | MG/KG | 256 | 754 | 874 | 741 | 612 |
| Mercury | **0.18** | 0.3 | 0.73 | MG/KG | 0.18 | 0.016 U | 0.017 U | 0.018 U | **0.24** |
| Nickel | **30** | 320 | 130 | MG/KG | 15.6 | 3.5 | 8.3 | 3.8 | **63.8** |
| Potassium | -- | -- | -- | MG/KG | 1340 | 225 | 996 | 38.4 J | 1340 |
| Selenium | 3.9 | 110 | 4 | MG/KG | 0.24 J | 1.3 U | 1.2 U | 1.2 U | 0.89 J |
| Silver | 2 | 110 | 8.3 | MG/KG | 0.15 J | 0.41 U | 0.4 U | 0.39 U | 0.29 J |
| Sodium | -- | -- | -- | MG/KG | 160 | 46.9 J | 85.1 J | 71.4 J | 472 |
| Thallium | -- | -- | -- | MG/KG | 0.13 J | 0.056 J | 0.15 J | 0.13 J | 0.068 J |
| Vanadium | -- | -- | -- | MG/KG | 26.9 | 10 | 20.8 | 11.3 | 287 |
| Zinc | **109** | 6600 | 2480 | MG/KG | **156** | **131** | **183** | 6.8 J | **180** |

**Table 4. Summary of Metals in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | ETSB-04 | ETSB-05 | ETSB-05 | ETSB-06 | ETSB-06 |
|---|---|---|---|---|---|---|---|---|---|
| Sample Designation: | | | | | ETSB-04 | ETSB-05 | ETSB-05 | ETSB-06 | ETSB-06 |
| Sample Date: | | | | | 01/13/2026 | 01/13/2026 | 01/13/2026 | 01/20/2026 | 01/20/2026 |
| Sample Depth (bls): | | | | | 2 - 4 ft | 0 - 2 in | 2 - 4 ft | 0 - 2 in | 2 - 4 ft |
| Normal Sample or Field Duplicate: | | | | | N | N | N | N | N |
| Aluminum | -- | -- | -- | MG/KG | 9750 | 4010 | 2830 | 8890 | 6370 |
| Antimony | -- | -- | -- | MG/KG | 0.25 J | 0.98 U | 0.14 J | 0.27 J | 0.93 U |
| Arsenic | **13** | 16 | 16 | MG/KG | 11.1 | 4.8 | 2.4 | **19** | 2.9 |
| Barium | **410** | 410 | 820 | MG/KG | 121 | 50.9 | 44 | 40.2 | 72.5 |
| Beryllium | **4.4** | 43 | 47 | MG/KG | 0.66 | 0.55 | 0.41 | 0.37 J | 0.74 |
| Cadmium | **2.5** | 2.5 | 7.5 | MG/KG | 1 | 0.13 J | 0.25 J | 0.23 J | 0.19 J |
| Calcium | -- | -- | -- | MG/KG | 17700 | 117000 | 143000 | 7100 | 91900 |
| Chromium III | **30** | 110 | -- | MG/KG | 22.4 | 11 | 7 | 14.9 | 11.7 |
| Chromium, Hexavalent | 1 | 1 | 19 | MG/KG | 1 U | 1.1 U | 0.99 U | 1 U | 1 U |
| Chromium, Total | **30** | 110 | -- | MG/KG | 22.4 | 11 | 7 | 14.9 | 11.7 |
| Cobalt | -- | -- | -- | MG/KG | 6.8 | 5.3 | 2.6 | 3.7 | 4.3 |
| Copper | **50** | 280 | 1720 | MG/KG | 43.1 | 14.7 | 21.8 | 31.4 | 18.7 |
| Cyanide | **2.3** | 13 | 40 | MG/KG | 0.45 | 0.21 U | 0.22 U | 0.23 U | 0.22 U |
| Iron | -- | -- | -- | MG/KG | 17900 | 10500 | 7190 | 12800 | 10800 |
| Lead | **63** | 400 | 450 | MG/KG | **448** | 59.9 | 53.5 | 39.2 | **95.2** |
| Magnesium | -- | -- | -- | MG/KG | 9580 | 64700 | 81800 | 4780 | 57700 |
| Manganese | **1600** | 2000 | 2000 | MG/KG | 473 | 248 | 252 | 170 | 323 |
| Mercury | **0.18** | 0.3 | 0.73 | MG/KG | 0.18 | 0.11 | 0.091 | 0.091 | 0.089 |
| Nickel | **30** | 320 | 130 | MG/KG | 26 | 10.8 | 6.7 | 11.1 | 8.9 |
| Potassium | -- | -- | -- | MG/KG | 919 | 958 | 500 | 595 | 753 |
| Selenium | 3.9 | 110 | 4 | MG/KG | 0.46 J | 1.2 U | 0.17 J | 0.39 J | 0.12 J |
| Silver | 2 | 110 | 8.3 | MG/KG | 0.2 J | 0.39 U | 0.13 J | 0.084 J | 0.37 U |
| Sodium | -- | -- | -- | MG/KG | 234 | 128 | 95.3 | 48.9 J | 79.4 J |
| Thallium | -- | -- | -- | MG/KG | 0.13 J | 0.13 J | 0.07 J | 0.098 J | 0.12 J |
| Vanadium | -- | -- | -- | MG/KG | 90.4 | 13.9 | 11.5 | 19.9 | 16.4 |
| Zinc | **109** | 6600 | 2480 | MG/KG | **453** | 63.1 | 78.4 | 67.5 | 107 |

**Table 4. Summary of Metals in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | ETSB-06 | ETSB-06 | ETSB-06 | ETSB-07 | ETSB-07 |
|---|---|---|---|---|---|---|---|---|---|
| Sample Designation: | | | | | ETSB-06 | ETSB-06 | ETSB-06 | ETSB-07 | ETSB-07 |
| Sample Date: | | | | | 01/20/2026 | 01/20/2026 | 01/20/2026 | 01/12/2026 | 01/12/2026 |
| Sample Depth (bls): | | | | | 6 - 8 ft | 8 - 10 ft | 10 - 12 ft | 0 - 2 in | 2 - 4 ft |
| Normal Sample or Field Duplicate: | | | | | N | N | N | N | N |
| Aluminum | -- | -- | -- | MG/KG | 3570 | 2280 | 2250 | 5300 | 5770 |
| Antimony | -- | -- | -- | MG/KG | 0.92 U | 1 U | 0.91 U | 0.97 U | 1 U |
| Arsenic | **13** | 16 | 16 | MG/KG | 0.71 J | 0.32 J | 0.19 J | 1.8 | 1.5 |
| Barium | **410** | 410 | 820 | MG/KG | 23.7 | 10.1 | 7 | 41.3 | 41.5 |
| Beryllium | **4.4** | 43 | 47 | MG/KG | 0.64 | 0.61 | 0.6 | 0.66 | 0.64 |
| Cadmium | **2.5** | 2.5 | 7.5 | MG/KG | 0.46 U | 0.5 U | 0.46 U | 0.14 J | 0.21 J |
| Calcium | -- | -- | -- | MG/KG | 160000 | 198000 | 187000 | 107000 | 129000 |
| Chromium III | **30** | 110 | -- | MG/KG | 5.2 | 2 U | 2 U | 10.9 | 10.8 |
| Chromium, Hexavalent | 1 | 1 | 19 | MG/KG | 1 U | 1 U | 1 U | 1.1 U | 1 U |
| Chromium, Total | **30** | 110 | -- | MG/KG | 5.2 | 1.8 J | 1.8 | 10.9 | 10.8 |
| Cobalt | -- | -- | -- | MG/KG | 1.7 | 0.47 J | 0.49 J | 5.1 | 3.6 |
| Copper | **50** | 280 | 1720 | MG/KG | 6.1 | 1.3 J | 0.84 J | 13 | 14 |
| Cyanide | **2.3** | 13 | 40 | MG/KG | 0.23 U | 0.21 U | 0.23 U | 0.24 U | 0.22 U |
| Iron | -- | -- | -- | MG/KG | 6050 | 3960 | 3670 | 11500 | 9590 |
| Lead | **63** | 400 | 450 | MG/KG | 23.8 | 2.4 | 1.4 | 43.2 | **64.3** |
| Magnesium | -- | -- | -- | MG/KG | 93100 | 116000 | 109000 | 62600 | 75100 |
| Manganese | **1600** | 2000 | 2000 | MG/KG | 271 | 285 | 269 | 317 | 317 |
| Mercury | **0.18** | 0.3 | 0.73 | MG/KG | 0.024 | 0.015 U | 0.017 U | 0.052 | 0.12 |
| Nickel | **30** | 320 | 130 | MG/KG | 4.2 | 0.84 J | 0.79 J | 10.9 | 7.6 |
| Potassium | -- | -- | -- | MG/KG | 439 | 40.9 J | 44.4 J | 883 | 992 |
| Selenium | 3.9 | 110 | 4 | MG/KG | 1.2 U | 1.3 U | 1.1 U | 1.2 U | 1.3 U |
| Silver | 2 | 110 | 8.3 | MG/KG | 0.37 U | 0.4 U | 0.36 U | 0.39 U | 0.41 U |
| Sodium | -- | -- | -- | MG/KG | 49.3 J | 100 U | 91.1 U | 104 | 141 |
| Thallium | -- | -- | -- | MG/KG | 0.067 J | 0.052 J | 0.36 U | 0.13 J | 0.13 J |
| Vanadium | -- | -- | -- | MG/KG | 9.6 | 3.5 | 3.7 | 17 | 13.8 |
| Zinc | **109** | 6600 | 2480 | MG/KG | 33.9 | 10.2 | 9.6 | 70.1 | **159** |

**Table 4. Summary of Metals in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | ETSB-07 | ETSB-07 | ETSB-07 | ETSB-07 | ETSB-08 |
|---|---|---|---|---|---|---|---|---|---|
| Sample Designation: | | | | | ETSB-07 | ETSB-07 | ETSB-07 | ETSB-07 | ETSB-08 |
| Sample Date: | | | | | 01/12/2026 | 01/12/2026 | 01/12/2026 | 01/12/2026 | 01/13/2026 |
| Sample Depth (bls): | | | | | 6 - 8 ft | 6 - 8 ft | 9 - 11 ft | 11.5 - 13.5 ft | 0 - 2 in |
| Normal Sample or Field Duplicate: | | | | | N | FD | N | N | N |
| Aluminum | -- | -- | -- | MG/KG | 2780 | 3060 | 5240 | 1660 | 12000 |
| Antimony | -- | -- | -- | MG/KG | 0.91 U | 0.92 U | 0.9 U | 0.92 U | 0.33 J |
| Arsenic | **13** | 16 | 16 | MG/KG | 0.51 J | 0.56 J | 0.85 J | 0.2 J | **17.8** |
| Barium | **410** | 410 | 820 | MG/KG | 11.2 | 14.5 | 25.9 | 3.4 | 51.4 |
| Beryllium | **4.4** | 43 | 47 | MG/KG | 0.47 | 0.49 | 0.95 | 0.43 | 0.45 |
| Cadmium | **2.5** | 2.5 | 7.5 | MG/KG | 0.46 U | 0.46 U | 0.12 J | 0.46 U | 0.21 J |
| Calcium | -- | -- | -- | MG/KG | 183000 | 141000 | 145000 | 189000 | 3910 |
| Chromium III | **30** | 110 | -- | MG/KG | 3.5 | 4.1 | 7.5 | 2 U | **101** |
| Chromium, Hexavalent | 1 | 1 | 19 | MG/KG | 1 U | 1 U | 1 U | 1 U | 1.2 U |
| Chromium, Total | **30** | 110 | -- | MG/KG | 3.5 | 4.1 | 7.5 | 1.5 J | **101** |
| Cobalt | -- | -- | -- | MG/KG | 1 | 1.3 | 3.1 | 0.63 J | 4.5 |
| Copper | **50** | 280 | 1720 | MG/KG | 3.2 | 5.4 | 7.3 | 1.1 J | 30.9 |
| Cyanide | **2.3** | 13 | 40 | MG/KG | 0.21 U | 0.22 U | 0.23 U | 0.23 U | 0.22 J |
| Iron | -- | -- | -- | MG/KG | 4240 | 4830 | 7710 | 3090 | 14000 |
| Lead | **63** | 400 | 450 | MG/KG | 10.1 | 13.3 | 25.7 | 5.4 | 55.5 |
| Magnesium | -- | -- | -- | MG/KG | 103000 | 84200 | 88400 | 112000 | 2900 |
| Manganese | **1600** | 2000 | 2000 | MG/KG | 200 | 193 | 312 | 260 | 204 |
| Mercury | **0.18** | 0.3 | 0.73 | MG/KG | 0.016 J | 0.019 | 0.029 | 0.017 U | **0.33** |
| Nickel | **30** | 320 | 130 | MG/KG | 2.3 | 2.9 | 5.5 | 1.2 J | 12.2 |
| Potassium | -- | -- | -- | MG/KG | 248 | 383 | 653 | 94.3 | 793 |
| Selenium | 3.9 | 110 | 4 | MG/KG | 1.1 U | 1.1 U | 1.1 U | 1.2 U | 0.5 J |
| Silver | 2 | 110 | 8.3 | MG/KG | 0.37 U | 0.37 U | 0.36 U | 0.37 U | 0.43 U |
| Sodium | -- | -- | -- | MG/KG | 73.2 J | 73.8 J | 128 | 61.6 J | 54.6 J |
| Thallium | -- | -- | -- | MG/KG | 0.04 J | 0.056 J | 0.12 J | 0.37 U | 0.12 J |
| Vanadium | -- | -- | -- | MG/KG | 5 | 6.1 | 10.9 | 2.5 | 25.1 |
| Zinc | **109** | 6600 | 2480 | MG/KG | 21.4 | 26.5 | 43.4 | 12.7 | 60.3 |

**Table 4. Summary of Metals in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: ETSB-08 | ETSB-08 | ETSB-08 | ETSB-09 | ETSB-09 |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | Sample Date: 01/13/2026 | 01/14/2026 | 01/14/2026 | 01/19/2026 | 01/19/2026 |
| | | | | | Sample Depth (bls): 2 - 4 ft | 5 - 7 ft | 8 - 10 ft | 0 - 2 in | 2 - 4 ft |
| | | | | | Normal Sample or Field Duplicate: N | N | N | N | N |
| Aluminum | -- | -- | -- | MG/KG | 9300 | 3290 | 8360 | 6620 | 4020 |
| Antimony | -- | -- | -- | MG/KG | 0.94 U | 1.1 | 0.93 U | 0.99 U | 0.96 U |
| Arsenic | **13** | 16 | 16 | MG/KG | 2.1 | **13.4** | 0.87 J | 2.8 | 0.66 J |
| Barium | **410** | 410 | 820 | MG/KG | 73.7 | 94.5 | 23.9 | 46.7 | 42.1 |
| Beryllium | **4.4** | 43 | 47 | MG/KG | 0.6 | 0.17 J | 1.1 | 0.67 | 1.1 |
| Cadmium | **2.5** | 2.5 | 7.5 | MG/KG | 0.26 J | 1.9 | 0.46 U | 0.24 J | 0.17 J |
| Calcium | -- | -- | -- | MG/KG | 2520 | 51000 | 31600 | 63000 | 84700 |
| Chromium III | **30** | 110 | -- | MG/KG | 19.4 | 15.2 | 20.7 | 14.1 | 6.8 |
| Chromium, Hexavalent | 1 | 1 | 19 | MG/KG | 1 U | 1.1 U | 1 U | 1.1 U | 1.1 U |
| Chromium, Total | **30** | 110 | -- | MG/KG | 19.4 | 15.2 | 20.7 | 14.1 | 6.8 |
| Cobalt | -- | -- | -- | MG/KG | 8.8 | 6.1 | 4.1 | 5.9 | 5 |
| Copper | **50** | 280 | 1720 | MG/KG | 24.2 | **87.5** | 8.4 | 18.7 | 5.1 |
| Cyanide | **2.3** | 13 | 40 | MG/KG | 0.2 U | **7.6** | 0.22 U | 0.24 U | 0.22 U |
| Iron | -- | -- | -- | MG/KG | 21100 | 42500 | 8750 | 12300 | 10800 |
| Lead | **63** | 400 | 450 | MG/KG | 18.3 | **298** | 10.2 | 57 | 4 |
| Magnesium | -- | -- | -- | MG/KG | 5430 | 6490 | 10300 | 37100 | 61300 |
| Manganese | **1600** | 2000 | 2000 | MG/KG | 242 | 243 | 117 | 291 | 656 |
| Mercury | **0.18** | 0.3 | 0.73 | MG/KG | 0.018 | 0.043 | 0.017 U | 0.067 | 0.017 U |
| Nickel | **30** | 320 | 130 | MG/KG | 15.2 | 17 | 8 | 12.9 | 9.8 |
| Potassium | -- | -- | -- | MG/KG | 4100 | 707 | 1880 | 1150 | 420 |
| Selenium | 3.9 | 110 | 4 | MG/KG | 1.2 U | 0.15 J | 1.2 U | 0.15 J | 1.2 U |
| Silver | 2 | 110 | 8.3 | MG/KG | 0.37 U | 0.41 U | 0.37 U | 0.4 U | 0.39 U |
| Sodium | -- | -- | -- | MG/KG | 109 | 235 | 46.6 J | 209 | 97.6 |
| Thallium | -- | -- | -- | MG/KG | 0.25 J | 0.41 U | 0.14 J | 0.12 J | 0.21 J |
| Vanadium | -- | -- | -- | MG/KG | 23.9 | 14.2 | 21 | 27.7 | 10.2 |
| Zinc | **109** | 6600 | 2480 | MG/KG | 66.9 | **122** | 26.9 | 85 | 40 |

**Table 4. Summary of Metals in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: ETSB-09 | ETSB-09 | ETSB-09 | ETSB-10 | ETSB-10 |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | Sample Date: 01/19/2026 | 01/19/2026 | 01/19/2026 | 01/23/2026 | 01/23/2026 |
| | | | | | Sample Depth (bls): 6 - 8 ft | 10 - 12 ft | 12 - 14 ft | 0 - 2 in | 2 - 4 ft |
| | | | | | Normal Sample or Field Duplicate: N | N | N | N | N |
| Aluminum | -- | -- | -- | MG/KG | 8550 | 2080 | 694 | 9290 | 4920 |
| Antimony | -- | -- | -- | MG/KG | 0.93 U | 0.9 U | 0.94 U | 1 U | 0.96 U |
| Arsenic | **13** | 16 | 16 | MG/KG | 0.7 J | 0.47 J | 0.37 J | 12.7 | 3.4 |
| Barium | **410** | 410 | 820 | MG/KG | 31.6 | 14.4 | 11.6 | 46 | 29.3 |
| Beryllium | **4.4** | 43 | 47 | MG/KG | 1.9 | 0.49 | 0.24 J | 0.59 | 0.68 |
| Cadmium | **2.5** | 2.5 | 7.5 | MG/KG | 0.19 J | 0.13 J | 0.16 J | 0.22 J | 0.15 J |
| Calcium | -- | -- | -- | MG/KG | 149000 | 195000 | 218000 | 48600 | 135000 |
| Chromium III | **30** | 110 | -- | MG/KG | 9.5 | 3.3 | 2 U | 14.4 | 7.4 |
| Chromium, Hexavalent | 1 | 1 | 19 | MG/KG | 1 U | 1 U | 1 U | 1.1 U | 1 U |
| Chromium, Total | **30** | 110 | -- | MG/KG | 9.5 | 3.3 | 1.3 J | 14.4 | 7.4 |
| Cobalt | -- | -- | -- | MG/KG | 4 | 1.4 | 0.55 J | 4 | 2.8 |
| Copper | **50** | 280 | 1720 | MG/KG | 6.4 | 2.2 | 1.1 J | 29.3 | 10.4 |
| Cyanide | **2.3** | 13 | 40 | MG/KG | 0.22 U | 0.22 U | 0.23 U | 0.26 U | 0.22 U |
| Iron | -- | -- | -- | MG/KG | 14800 | 5050 | 3570 | 11600 | 7770 |
| Lead | **63** | 400 | 450 | MG/KG | 7.7 | 4 | 3.4 | 53.1 | 24.1 |
| Magnesium | -- | -- | -- | MG/KG | 113000 | 119000 | 133000 | 29300 | 82700 |
| Manganese | **1600** | 2000 | 2000 | MG/KG | 633 | 313 | 368 | 251 | 310 |
| Mercury | **0.18** | 0.3 | 0.73 | MG/KG | 0.017 U | 0.017 U | 0.017 U | 0.13 | 0.036 |
| Nickel | **30** | 320 | 130 | MG/KG | 8.9 | 3.3 | 2.6 | 9.5 | 6 |
| Potassium | -- | -- | -- | MG/KG | 537 | 240 | 85.9 J | 644 | 539 |
| Selenium | 3.9 | 110 | 4 | MG/KG | 1.2 U | 1.1 U | 1.2 U | 0.33 J | 0.12 J |
| Silver | 2 | 110 | 8.3 | MG/KG | 0.37 U | 0.36 U | 0.38 U | 0.4 U | 0.39 U |
| Sodium | -- | -- | -- | MG/KG | 208 | 67.9 J | 94.1 U | 83.3 J | 106 |
| Thallium | -- | -- | -- | MG/KG | 0.2 J | 0.061 J | 0.12 J | 0.081 J | 0.065 J |
| Vanadium | -- | -- | -- | MG/KG | 18.2 | 5.8 | 3.1 | 20.3 | 12 |
| Zinc | **109** | 6600 | 2480 | MG/KG | 91.9 | 42.3 | 30.2 | 67.9 | 46 |

**Table 4. Summary of Metals in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Sample Designation: | | ETSB-10 | ETSB-11 | ETSB-11 | ETSB-11 | RX-13 |
| | | | Sample Date: | | 01/23/2026 | 01/15/2026 | 01/15/2026 | 01/15/2026 | 12/19/2023 |
| | | | Sample Depth (bls): | | 11 - 13 ft | 0 - 2 in | 2 - 4 ft | 14 - 16 ft | 0 - 2 ft |
| | | | Normal Sample or Field Duplicate: | | N | N | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | | | |
| Aluminum | -- | -- | -- | MG/KG | 6360 | 7000 | 8840 | 11400 | NA |
| Antimony | -- | -- | -- | MG/KG | 0.93 U | 1 U | 0.95 U | 0.98 U | NA |
| Arsenic | **13** | 16 | 16 | MG/KG | 0.49 J | 3.3 | 1.1 | 0.61 J | 3.2 |
| Barium | **410** | 410 | 820 | MG/KG | 8.7 | 82.8 | 62 | 11.6 | 25.2 |
| Beryllium | **4.4** | 43 | 47 | MG/KG | 1.8 | 0.88 | 0.62 | 2 | 0.36 |
| Cadmium | **2.5** | 2.5 | 7.5 | MG/KG | 0.46 U | 0.3 J | 0.13 J | 0.24 J | 0.14 J |
| Calcium | -- | -- | -- | MG/KG | 183000 | 86900 | 7910 | 218000 | NA |
| Chromium III | **30** | 110 | -- | MG/KG | 3.6 | 14.1 | 20.5 | 9 | NA |
| Chromium, Hexavalent | 1 | 1 | 19 | MG/KG | 0.99 U | 1.1 U | 1.1 U | 1.1 U | NA |
| Chromium, Total | **30** | 110 | -- | MG/KG | 3.6 | 14.1 | 20.5 | 9 | 8 |
| Cobalt | -- | -- | -- | MG/KG | 1.2 | 5.6 | 8 | 2.7 | NA |
| Copper | **50** | 280 | 1720 | MG/KG | 2.2 | 35.7 | 17.7 | 6.1 | 11.1 |
| Cyanide | **2.3** | 13 | 40 | MG/KG | 0.22 U | 0.26 U | 0.25 U | 0.23 U | NA |
| Iron | -- | -- | -- | MG/KG | 6530 | 12500 | 15100 | 12900 | NA |
| Lead | **63** | 400 | 450 | MG/KG | 1.8 | **120** | 9 | 8.3 | 40.6 |
| Magnesium | -- | -- | -- | MG/KG | 118000 | 46200 | 9170 | 90300 | NA |
| Manganese | **1600** | 2000 | 2000 | MG/KG | 497 | 391 | 376 | 492 | 233 |
| Mercury | **0.18** | 0.3 | 0.73 | MG/KG | 0.016 U | 0.18 | 0.018 U | 0.016 U | 0.05 |
| Nickel | **30** | 320 | 130 | MG/KG | 2.1 | 12.7 | 16.5 | 5.9 | 8 |
| Potassium | -- | -- | -- | MG/KG | 23.6 J | 1110 | 1910 | 84.9 J | NA |
| Selenium | 3.9 | 110 | 4 | MG/KG | 1.2 U | 0.18 J | 1.2 U | 1.2 U | 0.14 J |
| Silver | 2 | 110 | 8.3 | MG/KG | 0.37 U | 0.4 U | 0.38 U | 0.39 U | 0.34 U |
| Sodium | -- | -- | -- | MG/KG | 48 J | 142 | 321 | 179 | NA |
| Thallium | -- | -- | -- | MG/KG | 0.37 U | 0.14 J | 0.18 J | 0.18 J | NA |
| Vanadium | -- | -- | -- | MG/KG | 5.6 | 23.8 | 25.2 | 13.9 | NA |
| Zinc | **109** | 6600 | 2480 | MG/KG | 22.9 | **116** | 63.5 | 12.7 | 41.7 |

**Table 4. Summary of Metals in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | RX-13 | RX-14 | RX-15 | RX-15 | RX-16 |
|---|---|---|---|---|---|---|---|---|---|
| Sample Designation: | | | | | RX-13 | RX-14 | RX-15 | RX-15 | RX-16 |
| Sample Date: | | | | | 12/19/2023 | 12/18/2023 | 12/19/2023 | 12/19/2023 | 12/19/2023 |
| Sample Depth (bls): | | | | | 3 - 5 ft | 1 - 3 ft | 0 - 2 ft | 2 - 4 ft | 0 - 2 ft |
| Normal Sample or Field Duplicate: | | | | | N | N | N | N | N |
| Aluminum | -- | -- | -- | MG/KG | NA | NA | NA | NA | NA |
| Antimony | -- | -- | -- | MG/KG | NA | NA | NA | NA | NA |
| Arsenic | **13** | 16 | 16 | MG/KG | 2.2 | 2.5 | 2.7 | 1.2 | 6.7 |
| Barium | **410** | 410 | 820 | MG/KG | 40.6 | 66.7 | 62.2 | 121 | 71.3 |
| Beryllium | **4.4** | 43 | 47 | MG/KG | 1 | 0.56 | 0.65 | 0.43 | 0.55 |
| Cadmium | **2.5** | 2.5 | 7.5 | MG/KG | 0.4 J | 0.32 J | 0.14 J | 0.85 U | 0.25 J |
| Calcium | -- | -- | -- | MG/KG | NA | NA | NA | NA | NA |
| Chromium III | **30** | 110 | -- | MG/KG | NA | NA | NA | NA | NA |
| Chromium, Hexavalent | 1 | 1 | 19 | MG/KG | NA | NA | NA | NA | NA |
| Chromium, Total | **30** | 110 | -- | MG/KG | 16.4 | 16.3 | 20.1 | **37.8** | 19.6 |
| Cobalt | -- | -- | -- | MG/KG | NA | NA | NA | NA | NA |
| Copper | **50** | 280 | 1720 | MG/KG | 17.7 | 19.5 | 24.7 | 29.8 | **64.7** |
| Cyanide | **2.3** | 13 | 40 | MG/KG | NA | NA | NA | NA | NA |
| Iron | -- | -- | -- | MG/KG | NA | NA | NA | NA | NA |
| Lead | **63** | 400 | 450 | MG/KG | 57.3 | **75.1** | 44.3 | 10 | **84.8** |
| Magnesium | -- | -- | -- | MG/KG | NA | NA | NA | NA | NA |
| Manganese | **1600** | 2000 | 2000 | MG/KG | 683 | 371 | 353 | 276 | 330 |
| Mercury | **0.18** | 0.3 | 0.73 | MG/KG | 0.022 | 0.11 | 0.098 | 0.015 J | 0.15 |
| Nickel | **30** | 320 | 130 | MG/KG | 13.8 | 11.9 | 16.6 | **34.3** | 14.2 |
| Potassium | -- | -- | -- | MG/KG | NA | NA | NA | NA | NA |
| Selenium | 3.9 | 110 | 4 | MG/KG | 0.15 J | 0.18 J | 0.32 J | 0.4 J | 0.29 J |
| Silver | 2 | 110 | 8.3 | MG/KG | 0.33 U | 0.36 U | 0.35 U | 0.34 U | 0.08 J |
| Sodium | -- | -- | -- | MG/KG | NA | NA | NA | NA | NA |
| Thallium | -- | -- | -- | MG/KG | NA | NA | NA | NA | NA |
| Vanadium | -- | -- | -- | MG/KG | NA | NA | NA | NA | NA |
| Zinc | **109** | 6600 | 2480 | MG/KG | 107 | 101 | 84.6 | 65.8 | 91.1 |

**Table 4. Summary of Metals in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | RX-16 | RX-17 | RX-17 | RX-18 | RX-19 |
|---|---|---|---|---|---|---|---|---|---|
| Sample Designation: | | | | | RX-16 | RX-17 | RX-17 | RX-18 | RX-19 |
| Sample Date: | | | | | 12/19/2023 | 12/19/2023 | 12/19/2023 | 02/15/2024 | 02/15/2024 |
| Sample Depth (bls): | | | | | 2 - 4 ft | 0 - 2 ft | 4 - 6 ft | 3 - 4 ft | 3 - 5 ft |
| Normal Sample or Field Duplicate: | | | | | N | N | N | N | N |
| Aluminum | -- | -- | -- | MG/KG | NA | NA | NA | NA | NA |
| Antimony | -- | -- | -- | MG/KG | NA | NA | NA | NA | NA |
| Arsenic | **13** | 16 | 16 | MG/KG | 4.5 | 1.2 | 5 | 0.61 J | 2 |
| Barium | **410** | 410 | 820 | MG/KG | 93 | 54.2 | 181 | 18.1 | 89.8 |
| Beryllium | **4.4** | 43 | 47 | MG/KG | 0.79 | 0.85 | 0.34 J | 0.094 J | 0.95 |
| Cadmium | **2.5** | 2.5 | 7.5 | MG/KG | 0.26 J | 0.18 J | 0.28 J | 1.2 U | 0.36 J |
| Calcium | -- | -- | -- | MG/KG | NA | NA | NA | NA | NA |
| Chromium III | **30** | 110 | -- | MG/KG | NA | NA | NA | NA | NA |
| Chromium, Hexavalent | 1 | 1 | 19 | MG/KG | NA | NA | NA | NA | NA |
| Chromium, Total | **30** | 110 | -- | MG/KG | 21.9 | 12.9 | 16.2 | 9.1 | 23.7 |
| Cobalt | -- | -- | -- | MG/KG | NA | NA | NA | NA | NA |
| Copper | **50** | 280 | 1720 | MG/KG | 22.9 | 13.2 | 33.6 | 11.1 | 22.3 |
| Cyanide | **2.3** | 13 | 40 | MG/KG | NA | NA | NA | NA | NA |
| Iron | -- | -- | -- | MG/KG | NA | NA | NA | NA | NA |
| Lead | **63** | 400 | 450 | MG/KG | **122** | 61.7 | **391** | 0.88 | **138** |
| Magnesium | -- | -- | -- | MG/KG | NA | NA | NA | NA | NA |
| Manganese | **1600** | 2000 | 2000 | MG/KG | 582 | 394 | 520 | 284 | 438 |
| Mercury | **0.18** | 0.3 | 0.73 | MG/KG | 0.13 | 0.079 | **2.5** | 0.055 | 0.059 |
| Nickel | **30** | 320 | 130 | MG/KG | 17.7 | 12.1 | 13.1 | 5.1 | 14.7 |
| Potassium | -- | -- | -- | MG/KG | NA | NA | NA | NA | NA |
| Selenium | 3.9 | 110 | 4 | MG/KG | 0.28 J | 0.13 J | 0.54 J | 1.5 U | 0.17 J |
| Silver | 2 | 110 | 8.3 | MG/KG | 0.077 J | 0.35 U | 0.14 J | 0.46 U | 0.39 U |
| Sodium | -- | -- | -- | MG/KG | NA | NA | NA | NA | NA |
| Thallium | -- | -- | -- | MG/KG | NA | NA | NA | NA | NA |
| Vanadium | -- | -- | -- | MG/KG | NA | NA | NA | NA | NA |
| Zinc | **109** | 6600 | 2480 | MG/KG | **117** | 93.6 | **189** | 18.5 | **155** |

**Table 4. Summary of Metals in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | RX-20 | RX-21 | RX-22 | RX-23 | RX-23 |
|---|---|---|---|---|---|---|---|---|---|
| Sample Designation: | | | | | RX-20 | RX-21 | RX-22 | RX-23 | RX-23 |
| Sample Date: | | | | | 02/15/2024 | 02/15/2024 | 09/05/2024 | 09/06/2024 | 09/06/2024 |
| Sample Depth (bls): | | | | | 6 - 8 ft | 10 - 12 ft | 5 - 6 ft | 5 - 7 ft | 10 - 12 ft |
| Normal Sample or Field Duplicate: | | | | | N | N | N | N | N |
| Aluminum | -- | -- | -- | MG/KG | NA | NA | NA | NA | NA |
| Antimony | -- | -- | -- | MG/KG | NA | NA | NA | NA | NA |
| Arsenic | **13** | 16 | 16 | MG/KG | 2.9 | 3.4 | 3 | 2.9 | 3.1 |
| Barium | **410** | 410 | 820 | MG/KG | 111 | 203 | **443** | 194 | 187 |
| Beryllium | **4.4** | 43 | 47 | MG/KG | 0.74 | 0.72 | 0.75 | 0.66 | 0.84 |
| Cadmium | **2.5** | 2.5 | 7.5 | MG/KG | 0.55 J | 0.46 J | 0.48 J | 0.32 J | 0.53 J |
| Calcium | -- | -- | -- | MG/KG | NA | NA | NA | NA | NA |
| Chromium III | **30** | 110 | -- | MG/KG | NA | NA | NA | NA | NA |
| Chromium, Hexavalent | 1 | 1 | 19 | MG/KG | NA | NA | NA | NA | NA |
| Chromium, Total | **30** | 110 | -- | MG/KG | **31.2** | 22.1 | 13.5 | 21.1 | 24.9 |
| Cobalt | -- | -- | -- | MG/KG | NA | NA | NA | NA | NA |
| Copper | **50** | 280 | 1720 | MG/KG | 30.4 | **83.6** | 20.1 | 25.6 | 31.3 |
| Cyanide | **2.3** | 13 | 40 | MG/KG | NA | NA | NA | NA | NA |
| Iron | -- | -- | -- | MG/KG | NA | NA | NA | NA | NA |
| Lead | **63** | 400 | 450 | MG/KG | 51.8 | **665** | **248** | **249** | **264** |
| Magnesium | -- | -- | -- | MG/KG | NA | NA | NA | NA | NA |
| Manganese | **1600** | 2000 | 2000 | MG/KG | 487 | 347 | 299 | 319 | 308 |
| Mercury | **0.18** | 0.3 | 0.73 | MG/KG | **0.42** | **0.35** | **0.21** | 0.13 | 0.14 |
| Nickel | **30** | 320 | 130 | MG/KG | 23 | 16.2 | 12 | 13.7 | 18.3 |
| Potassium | -- | -- | -- | MG/KG | NA | NA | NA | NA | NA |
| Selenium | 3.9 | 110 | 4 | MG/KG | 0.17 J | 0.35 J | 0.26 J | 0.25 J | 0.29 J |
| Silver | 2 | 110 | 8.3 | MG/KG | 0.43 U | 0.14 J | 0.33 U | 0.17 J | 0.12 J |
| Sodium | -- | -- | -- | MG/KG | NA | NA | NA | NA | NA |
| Thallium | -- | -- | -- | MG/KG | NA | NA | NA | NA | NA |
| Vanadium | -- | -- | -- | MG/KG | NA | NA | NA | NA | NA |
| Zinc | **109** | 6600 | 2480 | MG/KG | **1060** | **250** | **311** | **185** | **211** |

**Table 4. Summary of Metals in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | RX-24 09/06/2024 7 - 8 ft N | RX-24 09/06/2024 14 - 15 ft N | RX-25 09/06/2024 3 - 5 ft N | RX-3 05/31/2022 0 - 2 ft N | RX-3 05/31/2022 12 - 14 ft N |
|---|---|---|---|---|---|---|---|---|---|
| Sample Designation: | | | | | RX-24 | RX-24 | RX-25 | RX-3 | RX-3 |
| Sample Date: | | | | | 09/06/2024 | 09/06/2024 | 09/06/2024 | 05/31/2022 | 05/31/2022 |
| Sample Depth (bls): | | | | | 7 - 8 ft | 14 - 15 ft | 3 - 5 ft | 0 - 2 ft | 12 - 14 ft |
| Normal Sample or Field Duplicate: | | | | | N | N | N | N | N |
| Aluminum | -- | -- | -- | MG/KG | NA | NA | NA | 4370 | 1430 |
| Antimony | -- | -- | -- | MG/KG | NA | NA | NA | 0.99 U | 4.7 U |
| Arsenic | **13** | 16 | 16 | MG/KG | 5.7 | 2 | 3.6 | 3.7 | 4.7 U |
| Barium | **410** | 410 | 820 | MG/KG | 92.6 | 42.5 | 300 | 39.3 | 18.7 |
| Beryllium | **4.4** | 43 | 47 | MG/KG | 0.77 | **4.8** | 1 | 0.36 J | 0.32 J |
| Cadmium | **2.5** | 2.5 | 7.5 | MG/KG | 0.36 J | **3.5** | 1.5 | 0.12 J | 4.7 U |
| Calcium | -- | -- | -- | MG/KG | NA | NA | NA | 90400 | 197000 |
| Chromium III | **30** | 110 | -- | MG/KG | NA | NA | NA | NA | NA |
| Chromium, Hexavalent | 1 | 1 | 19 | MG/KG | NA | NA | NA | NA | NA |
| Chromium, Total | **30** | 110 | -- | MG/KG | 23.3 | 10.1 | 15.4 | 9.8 | 9.4 U |
| Cobalt | -- | -- | -- | MG/KG | NA | NA | NA | 4.6 | 1 J |
| Copper | **50** | 280 | 1720 | MG/KG | 31.3 | 7.3 | 33.9 | 19.9 | 1.9 J |
| Cyanide | **2.3** | 13 | 40 | MG/KG | NA | NA | NA | NA | NA |
| Iron | -- | -- | -- | MG/KG | NA | NA | NA | 10600 | 5800 |
| Lead | **63** | 400 | 450 | MG/KG | 55.1 | 15.7 | **201** | 37.6 | 2.5 J |
| Magnesium | -- | -- | -- | MG/KG | NA | NA | NA | 54600 | 121000 |
| Manganese | **1600** | 2000 | 2000 | MG/KG | 256 | **5790** | **5800** | 237 | 424 |
| Mercury | **0.18** | 0.3 | 0.73 | MG/KG | 0.047 | 0.016 U | **0.24** | 0.043 | 0.017 U |
| Nickel | **30** | 320 | 130 | MG/KG | 22.1 | **34.2** | 26.5 | 10.6 | 9.4 U |
| Potassium | -- | -- | -- | MG/KG | NA | NA | NA | 1040 | 258 J |
| Selenium | 3.9 | 110 | 4 | MG/KG | 0.2 J | 1.2 U | 0.28 J | 1.2 U | 5.9 U |
| Silver | 2 | 110 | 8.3 | MG/KG | 0.4 U | 0.38 U | 0.1 J | 0.39 U | 1.9 U |
| Sodium | -- | -- | -- | MG/KG | NA | NA | NA | 233 | 472 U |
| Thallium | -- | -- | -- | MG/KG | NA | NA | NA | 0.077 J | 1.9 U |
| Vanadium | -- | -- | -- | MG/KG | NA | NA | NA | 30.5 | 5 J |
| Zinc | **109** | 6600 | 2480 | MG/KG | **116** | **310** | **160** | 52.4 | 18.5 J |

**Table 4. Summary of Metals in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: RX-5<br>Sample Date: 05/31/2022<br>Sample Depth (bls): 0 - 2 ft<br>Normal Sample or Field Duplicate: N | Sample Designation: RX-5<br>Sample Date: 05/31/2022<br>Sample Depth (bls): 10 - 12 ft<br>Normal Sample or Field Duplicate: N |
|---|---|---|---|---|---|---|
| Aluminum | -- | -- | -- | MG/KG | 7760 | 2250 |
| Antimony | -- | -- | -- | MG/KG | 1 U | 0.95 U |
| Arsenic | **13** | 16 | 16 | MG/KG | 2.4 | 0.42 J |
| Barium | **410** | 410 | 820 | MG/KG | 176 | 14.2 |
| Beryllium | **4.4** | 43 | 47 | MG/KG | 0.86 | 0.56 |
| Cadmium | **2.5** | 2.5 | 7.5 | MG/KG | 0.3 J | 0.95 U |
| Calcium | -- | -- | -- | MG/KG | 49800 | 188000 |
| Chromium III | **30** | 110 | -- | MG/KG | NA | NA |
| Chromium, Hexavalent | 1 | 1 | 19 | MG/KG | NA | NA |
| Chromium, Total | **30** | 110 | -- | MG/KG | 15.9 | 2.3 |
| Cobalt | -- | -- | -- | MG/KG | 7 | 0.89 J |
| Copper | **50** | 280 | 1720 | MG/KG | 18.3 | 1.2 J |
| Cyanide | **2.3** | 13 | 40 | MG/KG | NA | NA |
| Iron | -- | -- | -- | MG/KG | 15200 | 4580 |
| Lead | **63** | 400 | 450 | MG/KG | **144** | 3.2 |
| Magnesium | -- | -- | -- | MG/KG | 31300 | 129000 |
| Manganese | **1600** | 2000 | 2000 | MG/KG | 325 | 338 |
| Mercury | **0.18** | 0.3 | 0.73 | MG/KG | 0.13 | 0.015 U |
| Nickel | **30** | 320 | 130 | MG/KG | 14.8 | 1.4 J |
| Potassium | -- | -- | -- | MG/KG | 1920 | 135 |
| Selenium | 3.9 | 110 | 4 | MG/KG | 0.13 J | 1.2 U |
| Silver | 2 | 110 | 8.3 | MG/KG | 0.41 U | 0.38 U |
| Sodium | -- | -- | -- | MG/KG | 154 | 44.2 J |
| Thallium | -- | -- | -- | MG/KG | 0.17 J | 0.079 J |
| Vanadium | -- | -- | -- | MG/KG | 24.3 | 3.6 |
| Zinc | **109** | 6600 | 2480 | MG/KG | **147** | 16.5 |

**Table 5. Summary of Polychlorinated Biphenyls in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | Sample Designation: ETSB-01 | ETSB-01 | ETSB-01 | ETSB-01 |
|---|---|---|---|---|---|---|---|---|
| | | | | | Sample Date: 01/14/2026 | 01/14/2026 | 01/14/2026 | 01/14/2026 |
| | | | | | Sample Depth (bls): 0 - 2 in | 2 - 4 ft | 2 - 4 ft | 6 - 8 ft |
| | | | | | Normal Sample or Field Duplicate: N | N | FD | N |
| PCB-1016 (Aroclor 1016) | -- | -- | -- | MG/KG | 0.071 U | 0.068 U | 0.067 U | 0.067 U |
| PCB-1221 (Aroclor 1221) | -- | -- | -- | MG/KG | 0.071 U | 0.068 U | 0.067 U | 0.067 U |
| PCB-1232 (Aroclor 1232) | -- | -- | -- | MG/KG | 0.071 U | 0.068 U | 0.067 U | 0.067 U |
| PCB-1242 (Aroclor 1242) | -- | -- | -- | MG/KG | 0.071 U | 0.068 U | 0.067 U | 0.067 U |
| PCB-1248 (Aroclor 1248) | -- | -- | -- | MG/KG | 0.071 U | 0.068 U | 0.067 U | 0.067 U |
| PCB-1254 (Aroclor 1254) | -- | -- | -- | MG/KG | 0.076 | 0.068 U | 0.067 U | 0.067 U |
| PCB-1260 (Aroclor 1260) | -- | -- | -- | MG/KG | 0.071 U | 0.068 U | 0.067 U | 0.067 U |
| PCB-1262 (Aroclor 1262) | -- | -- | -- | MG/KG | 0.071 U | 0.068 U | 0.067 U | 0.067 U |
| PCB-1268 (Aroclor 1268) | -- | -- | -- | MG/KG | 0.071 U | 0.068 U | 0.067 U | 0.067 U |
| Polychlorinated Biphenyl (PCBs) | **0.1** | 1 | 3.2 | MG/KG | 0.076 | 0.068 U | 0.067 U | 0.067 U |

**Table 5. Summary of Polychlorinated Biphenyls in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Sample Designation: | | ETSB-01 | ETSB-02 | ETSB-02 | ETSB-02 |
| | | | Sample Date: | | 01/14/2026 | 01/16/2026 | 01/16/2026 | 01/16/2026 |
| | | | Sample Depth (bls): | | 9 - 11 ft | 0 - 2 in | 2 - 4 ft | 12 - 14 ft |
| | | | Normal Sample or Field Duplicate: | | N | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | | |
| PCB-1016 (Aroclor 1016) | -- | -- | -- | MG/KG | 0.067 U | 0.071 U | 0.067 U | 0.067 U |
| PCB-1221 (Aroclor 1221) | -- | -- | -- | MG/KG | 0.067 U | 0.071 U | 0.067 U | 0.067 U |
| PCB-1232 (Aroclor 1232) | -- | -- | -- | MG/KG | 0.067 U | 0.071 U | 0.067 U | 0.067 U |
| PCB-1242 (Aroclor 1242) | -- | -- | -- | MG/KG | 0.067 U | 0.071 U | 0.067 U | 0.067 U |
| PCB-1248 (Aroclor 1248) | -- | -- | -- | MG/KG | 0.067 U | 0.071 U | 0.067 U | 0.067 U |
| PCB-1254 (Aroclor 1254) | -- | -- | -- | MG/KG | 0.067 U | 0.071 U | 0.067 U | 0.067 U |
| PCB-1260 (Aroclor 1260) | -- | -- | -- | MG/KG | 0.067 U | 0.071 U | 0.067 U | 0.067 U |
| PCB-1262 (Aroclor 1262) | -- | -- | -- | MG/KG | 0.067 U | 0.071 U | 0.067 U | 0.067 U |
| PCB-1268 (Aroclor 1268) | -- | -- | -- | MG/KG | 0.067 U | 0.071 U | 0.067 U | 0.067 U |
| Polychlorinated Biphenyl (PCBs) | **0.1** | 1 | 3.2 | MG/KG | 0.067 U | 0.071 U | 0.067 U | 0.067 U |

**Table 5. Summary of Polychlorinated Biphenyls in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Sample Designation: | | ETSB-02 | ETSB-03 | ETSB-03 | ETSB-03 |
| | | | Sample Date: | | 01/16/2026 | 01/15/2026 | 01/15/2026 | 01/15/2026 |
| | | | Sample Depth (bls): | | 12 - 14 ft | 0 - 2 in | 2 - 4 ft | 6 - 8 ft |
| | | | Normal Sample or Field Duplicate: | | FD | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | | |
| PCB-1016 (Aroclor 1016) | -- | -- | -- | MG/KG | 0.068 U | 0.083 U | 0.067 U | 0.068 U |
| PCB-1221 (Aroclor 1221) | -- | -- | -- | MG/KG | 0.068 U | 0.083 U | 0.067 U | 0.068 U |
| PCB-1232 (Aroclor 1232) | -- | -- | -- | MG/KG | 0.068 U | 0.083 U | 0.067 U | 0.068 U |
| PCB-1242 (Aroclor 1242) | -- | -- | -- | MG/KG | 0.068 U | 0.083 U | 0.067 U | 0.068 U |
| PCB-1248 (Aroclor 1248) | -- | -- | -- | MG/KG | 0.068 U | 0.083 U | 0.067 U | 0.068 U |
| PCB-1254 (Aroclor 1254) | -- | -- | -- | MG/KG | 0.068 U | 0.083 U | 0.067 U | 0.068 U |
| PCB-1260 (Aroclor 1260) | -- | -- | -- | MG/KG | 0.068 U | 0.083 U | 0.067 U | 0.068 U |
| PCB-1262 (Aroclor 1262) | -- | -- | -- | MG/KG | 0.068 U | 0.083 U | 0.067 U | 0.068 U |
| PCB-1268 (Aroclor 1268) | -- | -- | -- | MG/KG | 0.068 U | 0.083 U | 0.067 U | 0.068 U |
| Polychlorinated Biphenyl (PCBs) | **0.1** | 1 | 3.2 | MG/KG | 0.068 U | 0.083 U | 0.067 U | 0.068 U |

**Table 5. Summary of Polychlorinated Biphenyls in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Sample Designation: | | ETSB-03 | ETSB-03 | ETSB-04 | ETSB-04 |
| | | | Sample Date: | | 01/15/2026 | 01/15/2026 | 01/13/2026 | 01/13/2026 |
| | | | Sample Depth (bls): | | 10 - 12 ft | 14 - 16 ft | 0 - 2 in | 2 - 4 ft |
| | | | Normal Sample or Field Duplicate: | | N | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | | |
| PCB-1016 (Aroclor 1016) | -- | -- | -- | MG/KG | 0.075 U | 0.071 U | 0.073 U | 0.069 U |
| PCB-1221 (Aroclor 1221) | -- | -- | -- | MG/KG | 0.075 U | 0.071 U | 0.073 U | 0.069 U |
| PCB-1232 (Aroclor 1232) | -- | -- | -- | MG/KG | 0.075 U | 0.071 U | 0.073 U | 0.069 U |
| PCB-1242 (Aroclor 1242) | -- | -- | -- | MG/KG | 0.075 U | 0.071 U | 0.073 U | 0.069 U |
| PCB-1248 (Aroclor 1248) | -- | -- | -- | MG/KG | 0.075 U | 0.071 U | 0.073 U | 0.069 U |
| PCB-1254 (Aroclor 1254) | -- | -- | -- | MG/KG | 0.075 U | 0.071 U | 0.073 U | 0.069 U |
| PCB-1260 (Aroclor 1260) | -- | -- | -- | MG/KG | 0.075 U | 0.071 U | 0.073 U | 0.069 U |
| PCB-1262 (Aroclor 1262) | -- | -- | -- | MG/KG | 0.075 U | 0.071 U | 0.073 U | 0.069 U |
| PCB-1268 (Aroclor 1268) | -- | -- | -- | MG/KG | 0.075 U | 0.071 U | 0.073 U | 0.069 U |
| Polychlorinated Biphenyl (PCBs) | **0.1** | 1 | 3.2 | MG/KG | 0.075 U | 0.071 U | 0.073 U | 0.069 U |

**Table 5. Summary of Polychlorinated Biphenyls in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Sample Designation: | | ETSB-05 | ETSB-05 | ETSB-06 | ETSB-06 |
| | | | Sample Date: | | 01/13/2026 | 01/13/2026 | 01/20/2026 | 01/20/2026 |
| | | | Sample Depth (bls): | | 0 - 2 in | 2 - 4 ft | 0 - 2 in | 2 - 4 ft |
| | | | Normal Sample or Field Duplicate: | | N | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | | |
| PCB-1016 (Aroclor 1016) | -- | -- | -- | MG/KG | 0.073 U | 0.068 U | 0.07 U | 0.069 U |
| PCB-1221 (Aroclor 1221) | -- | -- | -- | MG/KG | 0.073 U | 0.068 U | 0.07 U | 0.069 U |
| PCB-1232 (Aroclor 1232) | -- | -- | -- | MG/KG | 0.073 U | 0.068 U | 0.07 U | 0.069 U |
| PCB-1242 (Aroclor 1242) | -- | -- | -- | MG/KG | 0.073 U | 0.068 U | 0.07 U | 0.069 U |
| PCB-1248 (Aroclor 1248) | -- | -- | -- | MG/KG | 0.073 U | 0.068 U | 0.07 U | 0.069 U |
| PCB-1254 (Aroclor 1254) | -- | -- | -- | MG/KG | 0.073 U | 0.068 U | 0.07 U | 0.069 U |
| PCB-1260 (Aroclor 1260) | -- | -- | -- | MG/KG | 0.073 U | 0.068 U | 0.07 U | 0.069 U |
| PCB-1262 (Aroclor 1262) | -- | -- | -- | MG/KG | 0.073 U | 0.068 U | 0.07 U | 0.069 U |
| PCB-1268 (Aroclor 1268) | -- | -- | -- | MG/KG | 0.073 U | 0.068 U | 0.07 U | 0.069 U |
| Polychlorinated Biphenyl (PCBs) | **0.1** | 1 | 3.2 | MG/KG | 0.073 U | 0.068 U | 0.07 U | 0.069 U |

**Table 5. Summary of Polychlorinated Biphenyls in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Sample Designation: | | ETSB-06 | ETSB-06 | ETSB-06 | ETSB-07 |
| | | | Sample Date: | | 01/20/2026 | 01/20/2026 | 01/20/2026 | 01/12/2026 |
| | | | Sample Depth (bls): | | 6 - 8 ft | 8 - 10 ft | 10 - 12 ft | 0 - 2 in |
| | | | Normal Sample or Field Duplicate: | | N | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | | |
| PCB-1016 (Aroclor 1016) | -- | -- | -- | MG/KG | 0.068 U | 0.067 U | 0.067 U | 0.073 U |
| PCB-1221 (Aroclor 1221) | -- | -- | -- | MG/KG | 0.068 U | 0.067 U | 0.067 U | 0.073 U |
| PCB-1232 (Aroclor 1232) | -- | -- | -- | MG/KG | 0.068 U | 0.067 U | 0.067 U | 0.073 U |
| PCB-1242 (Aroclor 1242) | -- | -- | -- | MG/KG | 0.068 U | 0.067 U | 0.067 U | 0.073 U |
| PCB-1248 (Aroclor 1248) | -- | -- | -- | MG/KG | 0.068 U | 0.067 U | 0.067 U | 0.073 U |
| PCB-1254 (Aroclor 1254) | -- | -- | -- | MG/KG | 0.068 U | 0.067 U | 0.067 U | 0.073 U |
| PCB-1260 (Aroclor 1260) | -- | -- | -- | MG/KG | 0.068 U | 0.067 U | 0.067 U | 0.073 U |
| PCB-1262 (Aroclor 1262) | -- | -- | -- | MG/KG | 0.068 U | 0.067 U | 0.067 U | 0.073 U |
| PCB-1268 (Aroclor 1268) | -- | -- | -- | MG/KG | 0.068 U | 0.067 U | 0.067 U | 0.073 U |
| Polychlorinated Biphenyl (PCBs) | **0.1** | 1 | 3.2 | MG/KG | 0.068 U | 0.067 U | 0.067 U | 0.073 U |

**Table 5. Summary of Polychlorinated Biphenyls in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Sample Designation: | | ETSB-07 | ETSB-07 | ETSB-07 | ETSB-07 |
| | | | Sample Date: | | 01/12/2026 | 01/12/2026 | 01/12/2026 | 01/12/2026 |
| | | | Sample Depth (bls): | | 2 - 4 ft | 6 - 8 ft | 6 - 8 ft | 9 - 11 ft |
| | | | Normal Sample or Field Duplicate: | | N | N | FD | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | | |
| PCB-1016 (Aroclor 1016) | -- | -- | -- | MG/KG | 0.069 U | 0.067 U | 0.067 U | 0.067 U |
| PCB-1221 (Aroclor 1221) | -- | -- | -- | MG/KG | 0.069 U | 0.067 U | 0.067 U | 0.067 U |
| PCB-1232 (Aroclor 1232) | -- | -- | -- | MG/KG | 0.069 U | 0.067 U | 0.067 U | 0.067 U |
| PCB-1242 (Aroclor 1242) | -- | -- | -- | MG/KG | 0.069 U | 0.067 U | 0.067 U | 0.067 U |
| PCB-1248 (Aroclor 1248) | -- | -- | -- | MG/KG | 0.069 U | 0.067 U | 0.067 U | 0.067 U |
| PCB-1254 (Aroclor 1254) | -- | -- | -- | MG/KG | 0.069 U | 0.067 U | 0.067 U | 0.067 U |
| PCB-1260 (Aroclor 1260) | -- | -- | -- | MG/KG | 0.069 U | 0.067 U | 0.067 U | 0.067 U |
| PCB-1262 (Aroclor 1262) | -- | -- | -- | MG/KG | 0.069 U | 0.067 U | 0.067 U | 0.067 U |
| PCB-1268 (Aroclor 1268) | -- | -- | -- | MG/KG | 0.069 U | 0.067 U | 0.067 U | 0.067 U |
| Polychlorinated Biphenyl (PCBs) | **0.1** | 1 | 3.2 | MG/KG | 0.069 U | 0.067 U | 0.067 U | 0.067 U |

**Table 5. Summary of Polychlorinated Biphenyls in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Sample Designation: | | ETSB-07 | ETSB-08 | ETSB-08 | ETSB-08 |
| | | | Sample Date: | | 01/12/2026 | 01/13/2026 | 01/13/2026 | 01/14/2026 |
| | | | Sample Depth (bls): | | 11.5 - 13.5 ft | 0 - 2 in | 2 - 4 ft | 5 - 7 ft |
| | | | Normal Sample or Field Duplicate: | | N | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | | |
| PCB-1016 (Aroclor 1016) | -- | -- | -- | MG/KG | 0.067 U | 0.079 U | 0.068 U | 0.072 U |
| PCB-1221 (Aroclor 1221) | -- | -- | -- | MG/KG | 0.067 U | 0.079 U | 0.068 U | 0.072 U |
| PCB-1232 (Aroclor 1232) | -- | -- | -- | MG/KG | 0.067 U | 0.079 U | 0.068 U | 0.072 U |
| PCB-1242 (Aroclor 1242) | -- | -- | -- | MG/KG | 0.067 U | 0.079 U | 0.068 U | 0.072 U |
| PCB-1248 (Aroclor 1248) | -- | -- | -- | MG/KG | 0.067 U | 0.079 U | 0.068 U | 0.072 U |
| PCB-1254 (Aroclor 1254) | -- | -- | -- | MG/KG | 0.067 U | 0.079 U | 0.068 U | 0.16 |
| PCB-1260 (Aroclor 1260) | -- | -- | -- | MG/KG | 0.067 U | 0.079 U | 0.068 U | 0.072 U |
| PCB-1262 (Aroclor 1262) | -- | -- | -- | MG/KG | 0.067 U | 0.079 U | 0.068 U | 0.072 U |
| PCB-1268 (Aroclor 1268) | -- | -- | -- | MG/KG | 0.067 U | 0.079 U | 0.068 U | 0.072 U |
| Polychlorinated Biphenyl (PCBs) | **0.1** | 1 | 3.2 | MG/KG | 0.067 U | 0.079 U | 0.068 U | **0.16** |

**Table 5. Summary of Polychlorinated Biphenyls in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Sample Designation: | | ETSB-08 | ETSB-09 | ETSB-09 | ETSB-09 |
| | | | Sample Date: | | 01/14/2026 | 01/19/2026 | 01/19/2026 | 01/19/2026 |
| | | | Sample Depth (bls): | | 8 - 10 ft | 0 - 2 in | 2 - 4 ft | 6 - 8 ft |
| | | | Normal Sample or Field Duplicate: | | N | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | | |
| PCB-1016 (Aroclor 1016) | -- | -- | -- | MG/KG | 0.067 U | 0.073 U | 0.071 U | 0.07 U |
| PCB-1221 (Aroclor 1221) | -- | -- | -- | MG/KG | 0.067 U | 0.073 U | 0.071 U | 0.07 U |
| PCB-1232 (Aroclor 1232) | -- | -- | -- | MG/KG | 0.067 U | 0.073 U | 0.071 U | 0.07 U |
| PCB-1242 (Aroclor 1242) | -- | -- | -- | MG/KG | 0.067 U | 0.073 U | 0.071 U | 0.07 U |
| PCB-1248 (Aroclor 1248) | -- | -- | -- | MG/KG | 0.067 U | 0.073 U | 0.071 U | 0.07 U |
| PCB-1254 (Aroclor 1254) | -- | -- | -- | MG/KG | 0.067 U | 0.073 U | 0.071 U | 0.07 U |
| PCB-1260 (Aroclor 1260) | -- | -- | -- | MG/KG | 0.067 U | 0.073 U | 0.071 U | 0.07 U |
| PCB-1262 (Aroclor 1262) | -- | -- | -- | MG/KG | 0.067 U | 0.073 U | 0.071 U | 0.07 U |
| PCB-1268 (Aroclor 1268) | -- | -- | -- | MG/KG | 0.067 U | 0.073 U | 0.071 U | 0.07 U |
| Polychlorinated Biphenyl (PCBs) | **0.1** | 1 | 3.2 | MG/KG | 0.067 U | 0.073 U | 0.071 U | 0.07 U |

**Table 5. Summary of Polychlorinated Biphenyls in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Sample Designation: | | ETSB-09 | ETSB-09 | ETSB-10 | ETSB-10 |
| | | | Sample Date: | | 01/19/2026 | 01/19/2026 | 01/23/2026 | 01/23/2026 |
| | | | Sample Depth (bls): | | 10 - 12 ft | 12 - 14 ft | 0 - 2 in | 2 - 4 ft |
| | | | Normal Sample or Field Duplicate: | | N | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | | |
| PCB-1016 (Aroclor 1016) | -- | -- | -- | MG/KG | 0.067 U | 0.068 U | 0.075 U | 0.07 U |
| PCB-1221 (Aroclor 1221) | -- | -- | -- | MG/KG | 0.067 U | 0.068 U | 0.075 U | 0.07 U |
| PCB-1232 (Aroclor 1232) | -- | -- | -- | MG/KG | 0.067 U | 0.068 U | 0.075 U | 0.07 U |
| PCB-1242 (Aroclor 1242) | -- | -- | -- | MG/KG | 0.067 U | 0.068 U | 0.075 U | 0.07 U |
| PCB-1248 (Aroclor 1248) | -- | -- | -- | MG/KG | 0.067 U | 0.068 U | 0.075 U | 0.07 U |
| PCB-1254 (Aroclor 1254) | -- | -- | -- | MG/KG | 0.067 U | 0.068 U | 0.075 U | 0.07 U |
| PCB-1260 (Aroclor 1260) | -- | -- | -- | MG/KG | 0.067 U | 0.068 U | 0.075 U | 0.07 U |
| PCB-1262 (Aroclor 1262) | -- | -- | -- | MG/KG | 0.067 U | 0.068 U | 0.075 U | 0.07 U |
| PCB-1268 (Aroclor 1268) | -- | -- | -- | MG/KG | 0.067 U | 0.068 U | 0.075 U | 0.07 U |
| Polychlorinated Biphenyl (PCBs) | **0.1** | 1 | 3.2 | MG/KG | 0.067 U | 0.068 U | 0.075 U | 0.07 U |

**Table 5. Summary of Polychlorinated Biphenyls in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Sample Designation: | | ETSB-10 | ETSB-11 | ETSB-11 | ETSB-11 |
| | | | Sample Date: | | 01/23/2026 | 01/15/2026 | 01/15/2026 | 01/15/2026 |
| | | | Sample Depth (bls): | | 11 - 13 ft | 0 - 2 in | 2 - 4 ft | 14 - 16 ft |
| | | | Normal Sample or Field Duplicate: | | N | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | | |
| PCB-1016 (Aroclor 1016) | -- | -- | -- | MG/KG | 0.068 U | 0.072 U | 0.071 U | 0.071 U |
| PCB-1221 (Aroclor 1221) | -- | -- | -- | MG/KG | 0.068 U | 0.072 U | 0.071 U | 0.071 U |
| PCB-1232 (Aroclor 1232) | -- | -- | -- | MG/KG | 0.068 U | 0.072 U | 0.071 U | 0.071 U |
| PCB-1242 (Aroclor 1242) | -- | -- | -- | MG/KG | 0.068 U | 0.072 U | 0.071 U | 0.071 U |
| PCB-1248 (Aroclor 1248) | -- | -- | -- | MG/KG | 0.068 U | 0.072 U | 0.071 U | 0.071 U |
| PCB-1254 (Aroclor 1254) | -- | -- | -- | MG/KG | 0.068 U | 0.072 U | 0.071 U | 0.071 U |
| PCB-1260 (Aroclor 1260) | -- | -- | -- | MG/KG | 0.068 U | 0.072 U | 0.071 U | 0.071 U |
| PCB-1262 (Aroclor 1262) | -- | -- | -- | MG/KG | 0.068 U | 0.072 U | 0.071 U | 0.071 U |
| PCB-1268 (Aroclor 1268) | -- | -- | -- | MG/KG | 0.068 U | 0.072 U | 0.071 U | 0.071 U |
| Polychlorinated Biphenyl (PCBs) | **0.1** | 1 | 3.2 | MG/KG | 0.068 U | 0.072 U | 0.071 U | 0.071 U |

**Table 5. Summary of Polychlorinated Biphenyls in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Sample Designation: | | RX-3 | RX-3 | RX-5 | RX-5 |
| | | | Sample Date: | | 05/31/2022 | 05/31/2022 | 05/31/2022 | 05/31/2022 |
| | | | Sample Depth (bls): | | 0 - 2 ft | 12 - 14 ft | 0 - 2 ft | 10 - 12 ft |
| | | | Normal Sample or Field Duplicate: | | N | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | | |
| PCB-1016 (Aroclor 1016) | -- | -- | -- | MG/KG | 0.07 U | 0.068 U | 0.071 U | 0.067 U |
| PCB-1221 (Aroclor 1221) | -- | -- | -- | MG/KG | 0.07 U | 0.068 U | 0.071 U | 0.067 U |
| PCB-1232 (Aroclor 1232) | -- | -- | -- | MG/KG | 0.07 U | 0.068 U | 0.071 U | 0.067 U |
| PCB-1242 (Aroclor 1242) | -- | -- | -- | MG/KG | 0.07 U | 0.068 U | 0.071 U | 0.067 U |
| PCB-1248 (Aroclor 1248) | -- | -- | -- | MG/KG | 0.07 U | 0.068 U | 0.071 U | 0.067 U |
| PCB-1254 (Aroclor 1254) | -- | -- | -- | MG/KG | 0.07 U | 0.068 U | 0.071 U | 0.067 U |
| PCB-1260 (Aroclor 1260) | -- | -- | -- | MG/KG | 0.07 U | 0.068 U | 0.071 U | 0.067 U |
| PCB-1262 (Aroclor 1262) | -- | -- | -- | MG/KG | 0.07 U | 0.068 U | 0.071 U | 0.067 U |
| PCB-1268 (Aroclor 1268) | -- | -- | -- | MG/KG | 0.07 U | 0.068 U | 0.071 U | 0.067 U |
| Polychlorinated Biphenyl (PCBs) | **0.1** | 1 | 3.2 | MG/KG | 0.07 U | 0.068 U | 0.071 U | 0.067 U |

**Table 6. Summary of Pesticides and Herbicides in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Sample Designation: | | ETSB-01 | ETSB-01 | ETSB-01 | ETSB-01 |
| | | | Sample Date: | | 01/14/2026 | 01/14/2026 | 01/14/2026 | 01/14/2026 |
| | | | Sample Depth (bls): | | 0 - 2 in | 2 - 4 ft | 2 - 4 ft | 6 - 8 ft |
| | | | Normal Sample or Field Duplicate: | | N | N | FD | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | | |
| Aldrin | 0.0048 | 0.044 | 0.19 | MG/KG | 0.0071 U | 0.0068 U | 0.0067 U | 0.0067 U |
| Alpha Bhc (Alpha Hexachlorocyclohexane) | 0.02 | 0.18 | 0.02 | MG/KG | 0.0021 U | 0.002 U | 0.002 U | 0.002 U |
| Alpha Endosulfan | 4.3 | 35 | 65 | MG/KG | 0.0071 U | 0.0068 U | 0.0067 U | 0.0067 U |
| Beta Bhc (Beta Hexachlorocyclohexane) | 0.021 | 0.18 | 0.09 | MG/KG | 0.0021 U | 0.002 U | 0.002 U | 0.002 U |
| Beta Endosulfan | 4.3 | 35 | 44 | MG/KG | 0.0071 U | 0.0068 U | 0.0067 U | 0.0067 U |
| Chlordane (Technical) | -- | -- | -- | MG/KG | 0.071 U | 0.068 U | 0.067 U | 0.067 U |
| cis-Chlordane | **0.014** | 0.65 | 4.5 | MG/KG | 0.0071 U | 0.0068 U | 0.0067 U | 0.0067 U |
| Delta BHC (Delta Hexachlorocyclohexane) | 0.04 | 100 | 0.1 | MG/KG | 0.0021 U | 0.002 U | 0.002 U | 0.002 U |
| Dieldrin | 0.005 | 0.075 | 0.1 | MG/KG | 0.0021 U | 0.002 U | 0.002 U | 0.002 U |
| Endosulfan Sulfate | 4.3 | 35 | 47 | MG/KG | 0.0071 U | 0.0068 U | 0.0067 U | 0.0067 U |
| Endrin | 0.014 | 5.3 | 0.06 | MG/KG | 0.0071 U | 0.0068 U | 0.0067 U | 0.0067 U |
| Endrin Aldehyde | -- | -- | -- | MG/KG | 0.0071 U | 0.0068 U | 0.0067 U | 0.0067 U |
| Endrin Ketone | -- | -- | -- | MG/KG | 0.0071 U | 0.0068 U | 0.0067 U | 0.0067 U |
| Gamma Bhc (Lindane) | 0.025 | 0.21 | 0.05 | MG/KG | 0.0021 U | 0.002 U | 0.002 U | 0.002 U |
| Heptachlor | 0.013 | 0.53 | 0.38 | MG/KG | 0.0071 U | 0.0068 U | 0.0067 U | 0.0067 U |
| Heptachlor Epoxide | -- | -- | -- | MG/KG | 0.0071 U | 0.0068 U | 0.0067 U | 0.0067 U |
| Methoxychlor | -- | -- | -- | MG/KG | 0.0071 U | 0.0068 U | 0.0067 U | 0.0067 U |
| P,P'-DDD | **0.0033** | 5 | 14 | MG/KG | 0.0071 U | 0.0068 U | 0.0067 U | 0.0067 U |
| P,P'-DDE | **0.0033** | 3.4 | 9.3 | MG/KG | 0.0071 U | 0.0068 U | 0.0067 U | 0.0067 U |
| P,P'-DDT | **0.0033** | 3.8 | 135 | MG/KG | 0.0071 U | 0.0068 U | 0.0067 U | 0.0067 U |
| Toxaphene | -- | -- | -- | MG/KG | 0.071 U | 0.068 U | 0.067 U | 0.067 U |

**Table 6. Summary of Pesticides and Herbicides in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Sample Designation: | | ETSB-01 | ETSB-02 | ETSB-02 | ETSB-02 |
| | | | Sample Date: | | 01/14/2026 | 01/16/2026 | 01/16/2026 | 01/16/2026 |
| | | | Sample Depth (bls): | | 9 - 11 ft | 0 - 2 in | 2 - 4 ft | 12 - 14 ft |
| | | | Normal Sample or Field Duplicate: | | N | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | | |
| Aldrin | 0.0048 | 0.044 | 0.19 | MG/KG | 0.0067 U | 0.0071 U | 0.0067 U | 0.0067 U |
| Alpha Bhc (Alpha Hexachlorocyclohexane) | 0.02 | 0.18 | 0.02 | MG/KG | 0.002 U | 0.0021 UT | 0.002 UT | 0.002 UT |
| Alpha Endosulfan | 4.3 | 35 | 65 | MG/KG | 0.0067 U | 0.0071 U | 0.0067 U | 0.0067 U |
| Beta Bhc (Beta Hexachlorocyclohexane) | 0.021 | 0.18 | 0.09 | MG/KG | 0.002 U | 0.0021 U | 0.002 U | 0.002 U |
| Beta Endosulfan | 4.3 | 35 | 44 | MG/KG | 0.0067 U | 0.0071 U | 0.0067 U | 0.0067 U |
| Chlordane (Technical) | -- | -- | -- | MG/KG | 0.067 U | 0.071 U | 0.067 U | 0.067 U |
| cis-Chlordane | **0.014** | 0.65 | 4.5 | MG/KG | 0.0067 U | 0.0071 U | 0.0067 U | 0.0067 U |
| Delta BHC (Delta Hexachlorocyclohexane) | 0.04 | 100 | 0.1 | MG/KG | 0.002 U | 0.0021 U | 0.002 U | 0.002 U |
| Dieldrin | 0.005 | 0.075 | 0.1 | MG/KG | 0.002 U | 0.0021 U | 0.002 U | 0.002 U |
| Endosulfan Sulfate | 4.3 | 35 | 47 | MG/KG | 0.0067 U | 0.0071 U | 0.0067 U | 0.0067 U |
| Endrin | 0.014 | 5.3 | 0.06 | MG/KG | 0.0067 U | 0.0071 U | 0.0067 U | 0.0067 U |
| Endrin Aldehyde | -- | -- | -- | MG/KG | 0.0067 U | 0.0071 U | 0.0067 U | 0.0067 U |
| Endrin Ketone | -- | -- | -- | MG/KG | 0.0067 U | 0.0071 U | 0.0067 U | 0.0067 U |
| Gamma Bhc (Lindane) | 0.025 | 0.21 | 0.05 | MG/KG | 0.002 U | 0.0021 U | 0.002 U | 0.002 U |
| Heptachlor | 0.013 | 0.53 | 0.38 | MG/KG | 0.0067 U | 0.0071 U | 0.0067 U | 0.0067 U |
| Heptachlor Epoxide | -- | -- | -- | MG/KG | 0.0067 U | 0.0071 U | 0.0067 U | 0.0067 U |
| Methoxychlor | -- | -- | -- | MG/KG | 0.0067 U | 0.0071 U | 0.0067 U | 0.0067 U |
| P,P'-DDD | **0.0033** | 5 | 14 | MG/KG | 0.0067 U | 0.0071 U | 0.0067 U | 0.0067 U |
| P,P'-DDE | **0.0033** | 3.4 | 9.3 | MG/KG | 0.0067 U | 0.0071 UT | 0.0067 UT | 0.0067 UT |
| P,P'-DDT | **0.0033** | 3.8 | 135 | MG/KG | 0.0067 U | 0.0071 UT | 0.0067 UT | 0.0067 UT |
| Toxaphene | -- | -- | -- | MG/KG | 0.067 U | 0.071 U | 0.067 U | 0.067 U |

**Table 6. Summary of Pesticides and Herbicides in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-02 | ETSB-03 | ETSB-03 | ETSB-03 |
| | | | | Sample Date: | 01/16/2026 | 01/15/2026 | 01/15/2026 | 01/15/2026 |
| | | | | Sample Depth (bls): | 12 - 14 ft | 0 - 2 in | 2 - 4 ft | 6 - 8 ft |
| | | | | Normal Sample or Field Duplicate: | FD | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | | |
| Aldrin | 0.0048 | 0.044 | 0.19 | MG/KG | 0.0068 U | 0.0083 U | 0.0067 U | 0.0068 U |
| Alpha Bhc (Alpha Hexachlorocyclohexane) | 0.02 | 0.18 | 0.02 | MG/KG | 0.002 UT | 0.0025 U | 0.002 U | 0.002 U |
| Alpha Endosulfan | 4.3 | 35 | 65 | MG/KG | 0.0068 U | 0.0083 U | 0.0067 U | 0.0068 U |
| Beta Bhc (Beta Hexachlorocyclohexane) | 0.021 | 0.18 | 0.09 | MG/KG | 0.002 U | 0.0025 U | 0.002 U | 0.002 U |
| Beta Endosulfan | 4.3 | 35 | 44 | MG/KG | 0.0068 U | 0.0083 U | 0.0067 U | 0.0068 U |
| Chlordane (Technical) | -- | -- | -- | MG/KG | 0.068 U | 0.083 U | 0.067 U | 0.068 U |
| cis-Chlordane | **0.014** | 0.65 | 4.5 | MG/KG | 0.0068 U | 0.0083 U | 0.0067 U | 0.0068 U |
| Delta BHC (Delta Hexachlorocyclohexane) | 0.04 | 100 | 0.1 | MG/KG | 0.002 U | 0.0025 U | 0.002 U | 0.002 U |
| Dieldrin | 0.005 | 0.075 | 0.1 | MG/KG | 0.002 U | 0.0025 U | 0.002 U | 0.002 U |
| Endosulfan Sulfate | 4.3 | 35 | 47 | MG/KG | 0.0068 U | 0.0083 U | 0.0067 U | 0.0068 U |
| Endrin | 0.014 | 5.3 | 0.06 | MG/KG | 0.0068 U | 0.0083 U | 0.0067 U | 0.0068 U |
| Endrin Aldehyde | -- | -- | -- | MG/KG | 0.0068 U | 0.0083 U | 0.0067 U | 0.0068 U |
| Endrin Ketone | -- | -- | -- | MG/KG | 0.0068 U | 0.0083 U | 0.0067 U | 0.0068 U |
| Gamma Bhc (Lindane) | 0.025 | 0.21 | 0.05 | MG/KG | 0.002 U | 0.0025 U | 0.002 U | 0.002 U |
| Heptachlor | 0.013 | 0.53 | 0.38 | MG/KG | 0.0068 U | 0.0083 U | 0.0067 U | 0.0068 U |
| Heptachlor Epoxide | -- | -- | -- | MG/KG | 0.0068 U | 0.0083 U | 0.0067 U | 0.0068 U |
| Methoxychlor | -- | -- | -- | MG/KG | 0.0068 U | 0.0083 U | 0.0067 U | 0.0068 U |
| P,P'-DDD | **0.0033** | 5 | 14 | MG/KG | 0.0068 U | 0.0083 U | 0.0067 U | 0.0068 U |
| P,P'-DDE | **0.0033** | 3.4 | 9.3 | MG/KG | 0.0068 UT | **0.032** | **0.0073** | 0.0068 U |
| P,P'-DDT | **0.0033** | 3.8 | 135 | MG/KG | 0.0068 UT | **0.026** | **0.011** | 0.0068 U |
| Toxaphene | -- | -- | -- | MG/KG | 0.068 U | 0.083 U | 0.067 U | 0.068 U |

**Table 6. Summary of Pesticides and Herbicides in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Sample Designation: | | ETSB-03 | ETSB-03 | ETSB-04 | ETSB-04 |
| | | | Sample Date: | | 01/15/2026 | 01/15/2026 | 01/13/2026 | 01/13/2026 |
| | | | Sample Depth (bls): | | 10 - 12 ft | 14 - 16 ft | 0 - 2 in | 2 - 4 ft |
| | | | Normal Sample or Field Duplicate: | | N | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | | |
| Aldrin | 0.0048 | 0.044 | 0.19 | MG/KG | 0.0075 U | 0.0071 U | 0.0073 U | 0.0069 U |
| Alpha Bhc (Alpha Hexachlorocyclohexane) | 0.02 | 0.18 | 0.02 | MG/KG | 0.0022 U | 0.0021 U | 0.0022 U | 0.0021 U |
| Alpha Endosulfan | 4.3 | 35 | 65 | MG/KG | 0.0075 U | 0.0071 U | 0.0073 U | 0.0069 U |
| Beta Bhc (Beta Hexachlorocyclohexane) | 0.021 | 0.18 | 0.09 | MG/KG | 0.0022 U | 0.0021 U | 0.0022 U | 0.0021 U |
| Beta Endosulfan | 4.3 | 35 | 44 | MG/KG | 0.0075 U | 0.0071 U | 0.0073 U | 0.0069 U |
| Chlordane (Technical) | -- | -- | -- | MG/KG | 0.075 U | 0.071 U | 0.073 U | 0.069 U |
| cis-Chlordane | **0.014** | 0.65 | 4.5 | MG/KG | 0.0075 U | 0.0071 U | 0.0073 U | 0.0069 U |
| Delta BHC (Delta Hexachlorocyclohexane) | 0.04 | 100 | 0.1 | MG/KG | 0.0022 U | 0.0021 U | 0.0022 U | 0.0021 U |
| Dieldrin | 0.005 | 0.075 | 0.1 | MG/KG | 0.0022 U | 0.0021 U | 0.0022 U | 0.0021 U |
| Endosulfan Sulfate | 4.3 | 35 | 47 | MG/KG | 0.0075 U | 0.0071 U | 0.0073 U | 0.0069 U |
| Endrin | 0.014 | 5.3 | 0.06 | MG/KG | 0.0075 U | 0.0071 U | 0.0073 U | 0.0069 U |
| Endrin Aldehyde | -- | -- | -- | MG/KG | 0.0075 U | 0.0071 U | 0.0073 U | 0.0069 U |
| Endrin Ketone | -- | -- | -- | MG/KG | 0.0075 U | 0.0071 U | 0.0073 U | 0.0069 U |
| Gamma Bhc (Lindane) | 0.025 | 0.21 | 0.05 | MG/KG | 0.0022 U | 0.0021 U | 0.0022 U | 0.0021 U |
| Heptachlor | 0.013 | 0.53 | 0.38 | MG/KG | 0.0075 U | 0.0071 U | 0.0073 U | 0.0069 U |
| Heptachlor Epoxide | -- | -- | -- | MG/KG | 0.0075 U | 0.0071 U | 0.0073 U | 0.0069 U |
| Methoxychlor | -- | -- | -- | MG/KG | 0.0075 U | 0.0071 U | 0.0073 U | 0.0069 U |
| P,P'-DDD | **0.0033** | 5 | 14 | MG/KG | 0.0075 U | 0.0071 U | 0.0073 U | 0.0069 U |
| P,P'-DDE | **0.0033** | 3.4 | 9.3 | MG/KG | 0.0075 U | 0.0071 U | 0.0073 U | 0.0069 U |
| P,P'-DDT | **0.0033** | 3.8 | 135 | MG/KG | 0.0075 U | 0.0071 U | 0.0073 U | 0.0069 U |
| Toxaphene | -- | -- | -- | MG/KG | 0.075 U | 0.071 U | 0.073 U | 0.069 U |

**Table 6. Summary of Pesticides and Herbicides in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-05 | ETSB-05 | ETSB-06 | ETSB-06 |
| | | | | Sample Date: | 01/13/2026 | 01/13/2026 | 01/20/2026 | 01/20/2026 |
| | | | | Sample Depth (bls): | 0 - 2 in | 2 - 4 ft | 0 - 2 in | 2 - 4 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | | |
| Aldrin | 0.0048 | 0.044 | 0.19 | MG/KG | 0.0073 U | 0.0068 U | 0.007 U | 0.0069 U |
| Alpha Bhc (Alpha Hexachlorocyclohexane) | 0.02 | 0.18 | 0.02 | MG/KG | 0.0022 U | 0.002 U | 0.0021 U | 0.0021 U |
| Alpha Endosulfan | 4.3 | 35 | 65 | MG/KG | 0.0073 U | 0.0068 U | 0.007 U | 0.0069 U |
| Beta Bhc (Beta Hexachlorocyclohexane) | 0.021 | 0.18 | 0.09 | MG/KG | 0.0022 U | 0.002 U | 0.0021 U | 0.0021 U |
| Beta Endosulfan | 4.3 | 35 | 44 | MG/KG | 0.0073 U | 0.0068 U | 0.007 U | 0.0069 U |
| Chlordane (Technical) | -- | -- | -- | MG/KG | 0.073 U | 0.068 U | 0.07 U | 0.069 U |
| cis-Chlordane | **0.014** | 0.65 | 4.5 | MG/KG | 0.0073 U | 0.0068 U | 0.007 U | 0.0069 U |
| Delta BHC (Delta Hexachlorocyclohexane) | 0.04 | 100 | 0.1 | MG/KG | 0.0022 U | 0.002 U | 0.0021 U | 0.0021 U |
| Dieldrin | 0.005 | 0.075 | 0.1 | MG/KG | 0.0022 U | 0.002 U | 0.0021 U | 0.0021 U |
| Endosulfan Sulfate | 4.3 | 35 | 47 | MG/KG | 0.0073 U | 0.0068 U | 0.007 U | 0.0069 U |
| Endrin | 0.014 | 5.3 | 0.06 | MG/KG | 0.0073 U | 0.0068 U | 0.007 U | 0.0069 U |
| Endrin Aldehyde | -- | -- | -- | MG/KG | 0.0073 U | 0.0068 U | 0.007 U | 0.0069 U |
| Endrin Ketone | -- | -- | -- | MG/KG | 0.0073 U | 0.0068 U | 0.007 U | 0.0069 U |
| Gamma Bhc (Lindane) | 0.025 | 0.21 | 0.05 | MG/KG | 0.0022 U | 0.002 U | 0.0021 U | 0.0021 U |
| Heptachlor | 0.013 | 0.53 | 0.38 | MG/KG | 0.0073 U | 0.0068 U | 0.007 U | 0.0069 U |
| Heptachlor Epoxide | -- | -- | -- | MG/KG | 0.0073 U | 0.0068 U | 0.007 U | 0.0069 U |
| Methoxychlor | -- | -- | -- | MG/KG | 0.0073 U | 0.0068 U | 0.007 U | 0.0069 U |
| P,P'-DDD | **0.0033** | 5 | 14 | MG/KG | 0.0073 U | 0.0068 U | 0.007 U | 0.0069 U |
| P,P'-DDE | **0.0033** | 3.4 | 9.3 | MG/KG | 0.0073 U | 0.0068 U | 0.007 U | 0.0069 U |
| P,P'-DDT | **0.0033** | 3.8 | 135 | MG/KG | 0.0073 U | 0.0068 U | **0.011** | **0.0081** |
| Toxaphene | -- | -- | -- | MG/KG | 0.073 U | 0.068 U | 0.07 U | 0.069 U |

**Table 6. Summary of Pesticides and Herbicides in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Sample Designation: | | ETSB-06 | ETSB-06 | ETSB-06 | ETSB-07 |
| | | | Sample Date: | | 01/20/2026 | 01/20/2026 | 01/20/2026 | 01/12/2026 |
| | | | Sample Depth (bls): | | 6 - 8 ft | 8 - 10 ft | 10 - 12 ft | 0 - 2 in |
| | | | Normal Sample or Field Duplicate: | | N | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | | |
| Aldrin | 0.0048 | 0.044 | 0.19 | MG/KG | 0.0068 U | 0.0067 U | 0.0067 U | 0.0073 U |
| Alpha Bhc (Alpha Hexachlorocyclohexane) | 0.02 | 0.18 | 0.02 | MG/KG | 0.002 U | 0.002 U | 0.002 U | 0.0022 U |
| Alpha Endosulfan | 4.3 | 35 | 65 | MG/KG | 0.0068 U | 0.0067 U | 0.0067 U | 0.0073 U |
| Beta Bhc (Beta Hexachlorocyclohexane) | 0.021 | 0.18 | 0.09 | MG/KG | 0.002 U | 0.002 U | 0.002 U | 0.0022 U |
| Beta Endosulfan | 4.3 | 35 | 44 | MG/KG | 0.0068 U | 0.0067 U | 0.0067 U | 0.0073 U |
| Chlordane (Technical) | -- | -- | -- | MG/KG | 0.068 U | 0.067 U | 0.067 U | 0.073 U |
| cis-Chlordane | **0.014** | 0.65 | 4.5 | MG/KG | 0.0068 U | 0.0067 U | 0.0067 U | 0.0073 U |
| Delta BHC (Delta Hexachlorocyclohexane) | 0.04 | 100 | 0.1 | MG/KG | 0.002 U | 0.002 U | 0.002 U | 0.0022 U |
| Dieldrin | 0.005 | 0.075 | 0.1 | MG/KG | 0.002 U | 0.002 U | 0.002 U | 0.0022 U |
| Endosulfan Sulfate | 4.3 | 35 | 47 | MG/KG | 0.0068 U | 0.0067 U | 0.0067 U | 0.0073 U |
| Endrin | 0.014 | 5.3 | 0.06 | MG/KG | 0.0068 U | 0.0067 U | 0.0067 U | 0.0073 U |
| Endrin Aldehyde | -- | -- | -- | MG/KG | 0.0068 U | 0.0067 U | 0.0067 U | 0.0073 U |
| Endrin Ketone | -- | -- | -- | MG/KG | 0.0068 U | 0.0067 U | 0.0067 U | 0.0073 U |
| Gamma Bhc (Lindane) | 0.025 | 0.21 | 0.05 | MG/KG | 0.002 U | 0.002 U | 0.002 U | 0.0022 U |
| Heptachlor | 0.013 | 0.53 | 0.38 | MG/KG | 0.0068 U | 0.0067 U | 0.0067 U | 0.0073 U |
| Heptachlor Epoxide | -- | -- | -- | MG/KG | 0.0068 U | 0.0067 U | 0.0067 U | 0.0073 U |
| Methoxychlor | -- | -- | -- | MG/KG | 0.0068 U | 0.0067 U | 0.0067 U | 0.0073 U |
| P,P'-DDD | **0.0033** | 5 | 14 | MG/KG | 0.0068 U | 0.0067 U | 0.0067 U | 0.0073 U |
| P,P'-DDE | **0.0033** | 3.4 | 9.3 | MG/KG | 0.0068 U | 0.0067 U | 0.0067 U | 0.0073 U |
| P,P'-DDT | **0.0033** | 3.8 | 135 | MG/KG | 0.0068 U | 0.0067 U | 0.0067 U | 0.0073 U |
| Toxaphene | -- | -- | -- | MG/KG | 0.068 U | 0.067 U | 0.067 U | 0.073 U |

**Table 6. Summary of Pesticides and Herbicides in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-07 | ETSB-07 | ETSB-07 | ETSB-07 |
| | | | | Sample Date: | 01/12/2026 | 01/12/2026 | 01/12/2026 | 01/12/2026 |
| | | | | Sample Depth (bls): | 2 - 4 ft | 6 - 8 ft | 6 - 8 ft | 9 - 11 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | FD | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | | |
| Aldrin | 0.0048 | 0.044 | 0.19 | MG/KG | 0.0069 U | 0.0067 U | 0.0067 U | 0.0067 U |
| Alpha Bhc (Alpha Hexachlorocyclohexane) | 0.02 | 0.18 | 0.02 | MG/KG | 0.0021 U | 0.002 U | 0.002 U | 0.002 U |
| Alpha Endosulfan | 4.3 | 35 | 65 | MG/KG | 0.0069 U | 0.0067 U | 0.0067 U | 0.0067 U |
| Beta Bhc (Beta Hexachlorocyclohexane) | 0.021 | 0.18 | 0.09 | MG/KG | 0.0021 U | 0.002 U | 0.002 U | 0.002 U |
| Beta Endosulfan | 4.3 | 35 | 44 | MG/KG | 0.0069 U | 0.0067 U | 0.0067 U | 0.0067 U |
| Chlordane (Technical) | -- | -- | -- | MG/KG | 0.069 U | 0.067 U | 0.067 U | 0.067 U |
| cis-Chlordane | **0.014** | 0.65 | 4.5 | MG/KG | 0.0069 U | 0.0067 U | 0.0067 U | 0.0067 U |
| Delta BHC (Delta Hexachlorocyclohexane) | 0.04 | 100 | 0.1 | MG/KG | 0.0021 U | 0.002 U | 0.002 U | 0.002 U |
| Dieldrin | 0.005 | 0.075 | 0.1 | MG/KG | 0.0021 U | 0.002 U | 0.002 U | 0.002 U |
| Endosulfan Sulfate | 4.3 | 35 | 47 | MG/KG | 0.0069 U | 0.0067 U | 0.0067 U | 0.0067 U |
| Endrin | 0.014 | 5.3 | 0.06 | MG/KG | 0.0069 U | 0.0067 U | 0.0067 U | 0.0067 U |
| Endrin Aldehyde | -- | -- | -- | MG/KG | 0.0069 U | 0.0067 U | 0.0067 U | 0.0067 U |
| Endrin Ketone | -- | -- | -- | MG/KG | 0.0069 U | 0.0067 U | 0.0067 U | 0.0067 U |
| Gamma Bhc (Lindane) | 0.025 | 0.21 | 0.05 | MG/KG | 0.0021 U | 0.002 U | 0.002 U | 0.002 U |
| Heptachlor | 0.013 | 0.53 | 0.38 | MG/KG | 0.0069 U | 0.0067 U | 0.0067 U | 0.0067 U |
| Heptachlor Epoxide | -- | -- | -- | MG/KG | 0.0069 U | 0.0067 U | 0.0067 U | 0.0067 U |
| Methoxychlor | -- | -- | -- | MG/KG | 0.0069 U | 0.0067 U | 0.0067 U | 0.0067 U |
| P,P'-DDD | **0.0033** | 5 | 14 | MG/KG | 0.0069 U | 0.0067 U | 0.0067 U | 0.0067 U |
| P,P'-DDE | **0.0033** | 3.4 | 9.3 | MG/KG | 0.0069 U | 0.0067 U | 0.0067 U | 0.0067 U |
| P,P'-DDT | **0.0033** | 3.8 | 135 | MG/KG | 0.0069 U | 0.0067 U | 0.0067 U | 0.0067 U |
| Toxaphene | -- | -- | -- | MG/KG | 0.069 U | 0.067 U | 0.067 U | 0.067 U |

**Table 6. Summary of Pesticides and Herbicides in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-07 | ETSB-08 | ETSB-08 |
| | | | | Sample Date: | 01/12/2026 | 01/13/2026 | 01/13/2026 |
| | | | | Sample Depth (bls): | 11.5 - 13.5 ft | 0 - 2 in | 2 - 4 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Aldrin | 0.0048 | 0.044 | 0.19 | MG/KG | 0.0067 U | 0.0079 U | 0.0068 U |
| Alpha Bhc (Alpha Hexachlorocyclohexane) | 0.02 | 0.18 | 0.02 | MG/KG | 0.002 U | 0.0023 U | 0.002 U |
| Alpha Endosulfan | 4.3 | 35 | 65 | MG/KG | 0.0067 U | 0.0079 U | 0.0068 U |
| Beta Bhc (Beta Hexachlorocyclohexane) | 0.021 | 0.18 | 0.09 | MG/KG | 0.002 U | 0.0023 U | 0.002 U |
| Beta Endosulfan | 4.3 | 35 | 44 | MG/KG | 0.0067 U | 0.0079 U | 0.0068 U |
| Chlordane (Technical) | -- | -- | -- | MG/KG | 0.067 U | 0.079 U | 0.068 U |
| cis-Chlordane | **0.014** | 0.65 | 4.5 | MG/KG | 0.0067 U | 0.0079 U | 0.0068 U |
| Delta BHC (Delta Hexachlorocyclohexane) | 0.04 | 100 | 0.1 | MG/KG | 0.002 U | 0.0023 U | 0.002 U |
| Dieldrin | 0.005 | 0.075 | 0.1 | MG/KG | 0.002 U | 0.0023 U | 0.002 U |
| Endosulfan Sulfate | 4.3 | 35 | 47 | MG/KG | 0.0067 U | 0.0079 U | 0.0068 U |
| Endrin | 0.014 | 5.3 | 0.06 | MG/KG | 0.0067 U | 0.0079 U | 0.0068 U |
| Endrin Aldehyde | -- | -- | -- | MG/KG | 0.0067 U | 0.0079 U | 0.0068 U |
| Endrin Ketone | -- | -- | -- | MG/KG | 0.0067 U | 0.0079 U | 0.0068 U |
| Gamma Bhc (Lindane) | 0.025 | 0.21 | 0.05 | MG/KG | 0.002 U | 0.0023 U | 0.002 U |
| Heptachlor | 0.013 | 0.53 | 0.38 | MG/KG | 0.0067 U | 0.0079 U | 0.0068 U |
| Heptachlor Epoxide | -- | -- | -- | MG/KG | 0.0067 U | 0.0079 U | 0.0068 U |
| Methoxychlor | -- | -- | -- | MG/KG | 0.0067 U | 0.0079 U | 0.0068 U |
| P,P'-DDD | **0.0033** | 5 | 14 | MG/KG | 0.0067 U | 0.0079 U | 0.0068 U |
| P,P'-DDE | **0.0033** | 3.4 | 9.3 | MG/KG | 0.0067 U | **0.0045 J** | 0.0068 U |
| P,P'-DDT | **0.0033** | 3.8 | 135 | MG/KG | 0.0067 U | 0.002 JP | 0.0068 U |
| Toxaphene | -- | -- | -- | MG/KG | 0.067 U | 0.079 U | 0.068 U |

**Table 6. Summary of Pesticides and Herbicides in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Sample Designation: | | ETSB-08 | ETSB-08 | ETSB-09 | ETSB-09 |
| | | | Sample Date: | | 01/14/2026 | 01/14/2026 | 01/19/2026 | 01/19/2026 |
| | | | Sample Depth (bls): | | 5 - 7 ft | 8 - 10 ft | 0 - 2 in | 2 - 4 ft |
| | | | Normal Sample or Field Duplicate: | | N | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | | |
| Aldrin | 0.0048 | 0.044 | 0.19 | MG/KG | 0.0072 U | 0.0067 U | 0.0073 U | 0.0071 U |
| Alpha Bhc (Alpha Hexachlorocyclohexane) | 0.02 | 0.18 | 0.02 | MG/KG | 0.0021 U | 0.002 U | 0.0022 U | 0.0021 U |
| Alpha Endosulfan | 4.3 | 35 | 65 | MG/KG | 0.0072 U | 0.0067 U | 0.0073 U | 0.0071 U |
| Beta Bhc (Beta Hexachlorocyclohexane) | 0.021 | 0.18 | 0.09 | MG/KG | 0.0021 U | 0.002 U | 0.0022 U | 0.0021 U |
| Beta Endosulfan | 4.3 | 35 | 44 | MG/KG | 0.0072 U | 0.0067 U | 0.0073 U | 0.0071 U |
| Chlordane (Technical) | -- | -- | -- | MG/KG | 0.072 U | 0.067 U | 0.073 U | 0.071 U |
| cis-Chlordane | **0.014** | 0.65 | 4.5 | MG/KG | 0.0072 U | 0.0067 U | 0.0073 U | 0.0071 U |
| Delta BHC (Delta Hexachlorocyclohexane) | 0.04 | 100 | 0.1 | MG/KG | 0.0021 U | 0.002 U | 0.0022 U | 0.0021 U |
| Dieldrin | 0.005 | 0.075 | 0.1 | MG/KG | 0.0021 U | 0.002 U | 0.0022 U | 0.0021 U |
| Endosulfan Sulfate | 4.3 | 35 | 47 | MG/KG | 0.0072 U | 0.0067 U | 0.0073 U | 0.0071 U |
| Endrin | 0.014 | 5.3 | 0.06 | MG/KG | 0.0072 U | 0.0067 U | 0.0073 U | 0.0071 U |
| Endrin Aldehyde | -- | -- | -- | MG/KG | 0.0072 U | 0.0067 U | 0.0073 U | 0.0071 U |
| Endrin Ketone | -- | -- | -- | MG/KG | 0.0072 U | 0.0067 U | 0.0073 U | 0.0071 U |
| Gamma Bhc (Lindane) | 0.025 | 0.21 | 0.05 | MG/KG | 0.0021 U | 0.002 U | 0.0022 U | 0.0021 U |
| Heptachlor | 0.013 | 0.53 | 0.38 | MG/KG | 0.0072 U | 0.0067 U | 0.0073 U | 0.0071 U |
| Heptachlor Epoxide | -- | -- | -- | MG/KG | 0.0072 U | 0.0067 U | 0.0073 U | 0.0071 U |
| Methoxychlor | -- | -- | -- | MG/KG | 0.0072 U | 0.0067 U | 0.0073 U | 0.0071 U |
| P,P'-DDD | **0.0033** | 5 | 14 | MG/KG | **0.0087** | 0.0067 U | 0.0073 U | 0.0071 U |
| P,P'-DDE | **0.0033** | 3.4 | 9.3 | MG/KG | 0.0072 U | 0.0067 U | 0.0073 U | 0.0071 U |
| P,P'-DDT | **0.0033** | 3.8 | 135 | MG/KG | **0.0066 J** | 0.0067 U | 0.0073 U | 0.0071 U |
| Toxaphene | -- | -- | -- | MG/KG | 0.072 U | 0.067 U | 0.073 U | 0.071 U |

**Table 6. Summary of Pesticides and Herbicides in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Sample Designation: | | ETSB-09 | ETSB-09 | ETSB-09 | ETSB-10 |
| | | | Sample Date: | | 01/19/2026 | 01/19/2026 | 01/19/2026 | 01/23/2026 |
| | | | Sample Depth (bls): | | 6 - 8 ft | 10 - 12 ft | 12 - 14 ft | 0 - 2 in |
| | | | Normal Sample or Field Duplicate: | | N | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | | |
| Aldrin | 0.0048 | 0.044 | 0.19 | MG/KG | 0.007 U | 0.0067 U | 0.0068 U | 0.0075 U |
| Alpha Bhc (Alpha Hexachlorocyclohexane) | 0.02 | 0.18 | 0.02 | MG/KG | 0.0021 U | 0.002 U | 0.002 U | 0.0022 U |
| Alpha Endosulfan | 4.3 | 35 | 65 | MG/KG | 0.007 U | 0.0067 U | 0.0068 U | 0.0075 U |
| Beta Bhc (Beta Hexachlorocyclohexane) | 0.021 | 0.18 | 0.09 | MG/KG | 0.0021 U | 0.002 U | 0.002 U | 0.0022 U |
| Beta Endosulfan | 4.3 | 35 | 44 | MG/KG | 0.007 U | 0.0067 U | 0.0068 U | 0.0075 U |
| Chlordane (Technical) | -- | -- | -- | MG/KG | 0.07 U | 0.067 U | 0.068 U | 0.075 U |
| cis-Chlordane | **0.014** | 0.65 | 4.5 | MG/KG | 0.007 U | 0.0067 U | 0.0068 U | 0.0075 U |
| Delta BHC (Delta Hexachlorocyclohexane) | 0.04 | 100 | 0.1 | MG/KG | 0.0021 U | 0.002 U | 0.002 U | 0.0022 U |
| Dieldrin | 0.005 | 0.075 | 0.1 | MG/KG | 0.0021 U | 0.002 U | 0.002 U | 0.0022 U |
| Endosulfan Sulfate | 4.3 | 35 | 47 | MG/KG | 0.007 U | 0.0067 U | 0.0068 U | 0.0075 U |
| Endrin | 0.014 | 5.3 | 0.06 | MG/KG | 0.007 U | 0.0067 U | 0.0068 U | 0.0075 U |
| Endrin Aldehyde | -- | -- | -- | MG/KG | 0.007 U | 0.0067 U | 0.0068 U | 0.0075 U |
| Endrin Ketone | -- | -- | -- | MG/KG | 0.007 U | 0.0067 U | 0.0068 U | 0.0075 U |
| Gamma Bhc (Lindane) | 0.025 | 0.21 | 0.05 | MG/KG | 0.0021 U | 0.002 U | 0.002 U | 0.0022 U |
| Heptachlor | 0.013 | 0.53 | 0.38 | MG/KG | 0.007 U | 0.0067 U | 0.0068 U | 0.0075 U |
| Heptachlor Epoxide | -- | -- | -- | MG/KG | 0.007 U | 0.0067 U | 0.0068 U | 0.0075 U |
| Methoxychlor | -- | -- | -- | MG/KG | 0.007 U | 0.0067 U | 0.0068 U | 0.0075 U |
| P,P'-DDD | **0.0033** | 5 | 14 | MG/KG | 0.007 U | 0.0067 U | 0.0068 U | 0.0075 U |
| P,P'-DDE | **0.0033** | 3.4 | 9.3 | MG/KG | 0.007 U | 0.0067 U | 0.0068 U | 0.0075 U |
| P,P'-DDT | **0.0033** | 3.8 | 135 | MG/KG | 0.007 U | 0.0067 U | 0.0068 U | 0.0075 U |
| Toxaphene | -- | -- | -- | MG/KG | 0.07 U | 0.067 U | 0.068 U | 0.075 U |

**Table 6. Summary of Pesticides and Herbicides in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-10 | ETSB-10 | ETSB-11 | ETSB-11 |
| | | | | Sample Date: | 01/23/2026 | 01/23/2026 | 01/15/2026 | 01/15/2026 |
| | | | | Sample Depth (bls): | 2 - 4 ft | 11 - 13 ft | 0 - 2 in | 2 - 4 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | | |
| Aldrin | 0.0048 | 0.044 | 0.19 | MG/KG | 0.007 UT | 0.0068 UT | 0.0072 U | 0.0071 U |
| Alpha Bhc (Alpha Hexachlorocyclohexane) | 0.02 | 0.18 | 0.02 | MG/KG | 0.0021 UT | 0.002 UT | 0.0022 U | 0.0021 U |
| Alpha Endosulfan | 4.3 | 35 | 65 | MG/KG | 0.007 UT | 0.0068 UT | 0.0072 U | 0.0071 U |
| Beta Bhc (Beta Hexachlorocyclohexane) | 0.021 | 0.18 | 0.09 | MG/KG | 0.0021 UT | 0.002 UT | 0.0022 U | 0.0021 U |
| Beta Endosulfan | 4.3 | 35 | 44 | MG/KG | 0.007 UT | 0.0068 UT | 0.0072 U | 0.0071 U |
| Chlordane (Technical) | -- | -- | -- | MG/KG | 0.07 U | 0.068 U | 0.072 U | 0.071 U |
| cis-Chlordane | **0.014** | 0.65 | 4.5 | MG/KG | 0.007 UT | 0.0068 UT | 0.0038 JP | 0.0071 U |
| Delta BHC (Delta Hexachlorocyclohexane) | 0.04 | 100 | 0.1 | MG/KG | 0.0021 UT | 0.002 UT | 0.0022 U | 0.0021 U |
| Dieldrin | 0.005 | 0.075 | 0.1 | MG/KG | 0.0021 UT | 0.002 UT | 0.0022 U | 0.0021 U |
| Endosulfan Sulfate | 4.3 | 35 | 47 | MG/KG | 0.007 UT | 0.0068 UT | 0.0072 U | 0.0071 U |
| Endrin | 0.014 | 5.3 | 0.06 | MG/KG | 0.007 UT | 0.0068 UT | 0.0072 U | 0.0071 U |
| Endrin Aldehyde | -- | -- | -- | MG/KG | 0.007 UT | 0.0068 UT | 0.0072 U | 0.0071 U |
| Endrin Ketone | -- | -- | -- | MG/KG | 0.007 UT | 0.0068 UT | 0.0072 U | 0.0071 U |
| Gamma Bhc (Lindane) | 0.025 | 0.21 | 0.05 | MG/KG | 0.0021 UT | 0.002 UT | 0.0022 U | 0.0021 U |
| Heptachlor | 0.013 | 0.53 | 0.38 | MG/KG | 0.007 UT | 0.0068 UT | 0.0072 U | 0.0071 U |
| Heptachlor Epoxide | -- | -- | -- | MG/KG | 0.007 UT | 0.0068 UT | 0.0072 U | 0.0071 U |
| Methoxychlor | -- | -- | -- | MG/KG | 0.007 UT | 0.0068 UT | 0.0072 U | 0.0071 U |
| P,P'-DDD | **0.0033** | 5 | 14 | MG/KG | 0.007 UT | 0.0068 UT | 0.003 JP | 0.0071 U |
| P,P'-DDE | **0.0033** | 3.4 | 9.3 | MG/KG | 0.007 UT | 0.0068 UT | 0.0028 JP | 0.0071 U |
| P,P'-DDT | **0.0033** | 3.8 | 135 | MG/KG | 0.007 UT | 0.0068 UT | **0.0054 JP** | 0.0071 U |
| Toxaphene | -- | -- | -- | MG/KG | 0.07 U | 0.068 U | 0.072 U | 0.071 U |

**Table 6. Summary of Pesticides and Herbicides in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-11 | RX-3 | RX-3 | RX-5 |
| | | | | Sample Date: | 01/15/2026 | 05/31/2022 | 05/31/2022 | 05/31/2022 |
| | | | | Sample Depth (bls): | 14 - 16 ft | 0 - 2 ft | 12 - 14 ft | 0 - 2 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | | |
| Aldrin | 0.0048 | 0.044 | 0.19 | MG/KG | 0.0071 U | 0.007 U | 0.0067 U | 0.0071 U |
| Alpha Bhc (Alpha Hexachlorocyclohexane) | 0.02 | 0.18 | 0.02 | MG/KG | 0.0021 U | 0.0021 U | 0.002 U | 0.0021 U |
| Alpha Endosulfan | 4.3 | 35 | 65 | MG/KG | 0.0071 U | 0.007 U | 0.0067 U | 0.0071 U |
| Beta Bhc (Beta Hexachlorocyclohexane) | 0.021 | 0.18 | 0.09 | MG/KG | 0.0021 U | 0.0021 U | 0.002 U | 0.0021 U |
| Beta Endosulfan | 4.3 | 35 | 44 | MG/KG | 0.0071 U | 0.007 U | 0.0067 U | 0.0071 U |
| Chlordane (Technical) | -- | -- | -- | MG/KG | 0.071 U | 0.07 U | 0.067 U | 0.15 |
| cis-Chlordane | **0.014** | 0.65 | 4.5 | MG/KG | 0.0071 U | 0.007 U | 0.0067 U | **0.022** |
| Delta BHC (Delta Hexachlorocyclohexane) | 0.04 | 100 | 0.1 | MG/KG | 0.0021 U | 0.0021 U | 0.002 U | 0.0021 U |
| Dieldrin | 0.005 | 0.075 | 0.1 | MG/KG | 0.0021 U | 0.0028 | 0.002 U | 0.0021 U |
| Endosulfan Sulfate | 4.3 | 35 | 47 | MG/KG | 0.0071 U | 0.007 U | 0.0067 U | 0.0071 U |
| Endrin | 0.014 | 5.3 | 0.06 | MG/KG | 0.0071 U | 0.007 U | 0.0067 U | 0.0071 U |
| Endrin Aldehyde | -- | -- | -- | MG/KG | 0.0071 U | 0.007 U | 0.0067 U | 0.0071 U |
| Endrin Ketone | -- | -- | -- | MG/KG | 0.0071 U | 0.007 U | 0.0067 U | 0.0071 U |
| Gamma Bhc (Lindane) | 0.025 | 0.21 | 0.05 | MG/KG | 0.0021 U | 0.0021 U | 0.002 U | 0.0021 U |
| Heptachlor | 0.013 | 0.53 | 0.38 | MG/KG | 0.0071 U | 0.007 U | 0.0067 U | 0.0071 U |
| Heptachlor Epoxide | -- | -- | -- | MG/KG | 0.0071 U | 0.007 U | 0.0067 U | 0.0071 U |
| Methoxychlor | -- | -- | -- | MG/KG | 0.0071 U | 0.007 U | 0.0067 U | 0.0071 U |
| P,P'-DDD | **0.0033** | 5 | 14 | MG/KG | 0.0071 U | 0.007 U | 0.0067 U | **0.0071** |
| P,P'-DDE | **0.0033** | 3.4 | 9.3 | MG/KG | 0.0071 U | 0.007 U | 0.0067 U | **0.0039 J** |
| P,P'-DDT | **0.0033** | 3.8 | 135 | MG/KG | 0.0071 U | 0.007 U | 0.0067 U | 0.0071 U |
| Toxaphene | -- | -- | -- | MG/KG | 0.071 U | 0.07 U | 0.067 U | 0.071 U |

**Table 6. Summary of Pesticides and Herbicides in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | |
|---|---|---|---|---|---|
| | | | | Sample Designation: | RX-5 |
| | | | | Sample Date: | 05/31/2022 |
| | | | | Sample Depth (bls): | 10 - 12 ft |
| | | | | Normal Sample or Field Duplicate: | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | |
| Aldrin | 0.0048 | 0.044 | 0.19 | MG/KG | 0.0067 U |
| Alpha Bhc (Alpha Hexachlorocyclohexane) | 0.02 | 0.18 | 0.02 | MG/KG | 0.002 U |
| Alpha Endosulfan | 4.3 | 35 | 65 | MG/KG | 0.0067 U |
| Beta Bhc (Beta Hexachlorocyclohexane) | 0.021 | 0.18 | 0.09 | MG/KG | 0.002 U |
| Beta Endosulfan | 4.3 | 35 | 44 | MG/KG | 0.0067 U |
| Chlordane (Technical) | -- | -- | -- | MG/KG | 0.067 U |
| cis-Chlordane | **0.014** | 0.65 | 4.5 | MG/KG | 0.0067 U |
| Delta BHC (Delta Hexachlorocyclohexane) | 0.04 | 100 | 0.1 | MG/KG | 0.002 U |
| Dieldrin | 0.005 | 0.075 | 0.1 | MG/KG | 0.002 U |
| Endosulfan Sulfate | 4.3 | 35 | 47 | MG/KG | 0.0067 U |
| Endrin | 0.014 | 5.3 | 0.06 | MG/KG | 0.0067 U |
| Endrin Aldehyde | -- | -- | -- | MG/KG | 0.0067 U |
| Endrin Ketone | -- | -- | -- | MG/KG | 0.0067 U |
| Gamma Bhc (Lindane) | 0.025 | 0.21 | 0.05 | MG/KG | 0.002 U |
| Heptachlor | 0.013 | 0.53 | 0.38 | MG/KG | 0.0067 U |
| Heptachlor Epoxide | -- | -- | -- | MG/KG | 0.0067 U |
| Methoxychlor | -- | -- | -- | MG/KG | 0.0067 U |
| P,P'-DDD | **0.0033** | 5 | 14 | MG/KG | 0.0067 U |
| P,P'-DDE | **0.0033** | 3.4 | 9.3 | MG/KG | 0.0067 U |
| P,P'-DDT | **0.0033** | 3.8 | 135 | MG/KG | 0.0067 U |
| Toxaphene | -- | -- | -- | MG/KG | 0.067 U |

**Table 7. Summary of Per- and Polyfluoroalkyl Substances in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-01 | ETSB-02 | ETSB-03 |
| | | | | Sample Date: | 01/14/2026 | 01/16/2026 | 01/15/2026 |
| | | | | Sample Depth (bls): | 2 - 4 ft | 2 - 4 ft | 2 - 4 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| 11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid | -- | -- | -- | UG/KG | 0.2 U | 0.2 U | 0.2 U |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | -- | -- | -- | UG/KG | 0.98 U | 0.99 U | 0.99 U |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | -- | -- | -- | UG/KG | 0.98 U | 0.99 U | 0.99 U |
| 2-(N-methyl perfluorooctanesulfonamido) acetic acid | -- | -- | -- | UG/KG | 0.2 U | 0.2 U | 0.2 U |
| 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA) | -- | -- | -- | UG/KG | 0.98 U | 0.99 U | 0.99 U |
| 3-Perfluoroheptyl propanoic acid (7:3FTCA) | -- | -- | -- | UG/KG | 0.98 U | 0.99 U | 0.99 U |
| 3-Perfluoropropyl propanoic acid (3:3 FTCA) | -- | -- | -- | UG/KG | 0.39 U | 0.39 U | 0.4 U |
| 4,8-Dioxa-3H-perfluorononanoic acid (ADONA) | -- | -- | -- | UG/KG | 0.2 U | 0.2 U | 0.2 U |
| 9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid | -- | -- | -- | UG/KG | 0.2 U | 0.2 U | 0.2 U |
| N-ethyl perfluoro-1-octanesulfonamide | -- | -- | -- | UG/KG | 0.2 U | 0.2 U | 0.2 U |
| N-ethyl perfluorooctanesulfonamidoacetic acid | -- | -- | -- | UG/KG | 0.2 U | 0.2 U | 0.23 |
| N-methyl perfluoro-1-octanesulfonamide | -- | -- | -- | UG/KG | 0.2 U | 0.2 U | 0.2 U |
| Nonafluoro-3,6-dioxaheptanoic acid (NFDHA) | -- | -- | -- | UG/KG | 0.2 U | 0.2 U | 0.2 U |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA) | -- | -- | -- | UG/KG | 0.2 U | 0.2 U | 0.2 U |
| Perfluoro(2-Propoxypropanoic) Acid | -- | -- | -- | UG/KG | 0.2 U | 0.2 U | 0.2 U |
| Perfluoro-3-methoxypropanoic acid (PFMPA) | -- | -- | -- | UG/KG | 0.2 U | 0.2 U | 0.2 U |
| Perfluoro-4-methoxybutanoic acid (PFMBA) | -- | -- | -- | UG/KG | 0.2 U | 0.2 U | 0.2 U |
| Perfluorobutanesulfonic acid (PFBS) | -- | -- | -- | UG/KG | 0.2 U | 0.2 U | 0.2 U |
| Perfluorobutanoic Acid | -- | -- | -- | UG/KG | 0.39 U | 0.39 U | 0.4 U |
| Perfluorodecane Sulfonic Acid | -- | -- | -- | UG/KG | 0.2 U | 0.2 U | 0.37 |
| Perfluorodecanoic acid (PFDA) | -- | -- | -- | UG/KG | 0.2 U | 0.2 U | 0.32 |
| Perfluorododecane sulfonate (PFDoDS) | -- | -- | -- | UG/KG | 0.2 U | 0.2 U | 0.2 U |
| Perfluorododecanoic acid (PFDoA) | -- | -- | -- | UG/KG | 0.2 U | 0.2 U | 0.13 J |
| Perfluoroheptane Sulfonate (PFHPS) | -- | -- | -- | UG/KG | 0.2 U | 0.2 U | 0.2 U |
| Perfluoroheptanoic acid (PFHpA) | -- | -- | -- | UG/KG | 0.2 U | 0.2 U | 0.2 U |
| Perfluorohexanesulfonic acid (PFHxS) | -- | -- | -- | UG/KG | 0.2 U | 0.2 U | 0.2 U |
| Perfluorohexanoic acid (PFHxA) | -- | -- | -- | UG/KG | 0.2 U | 0.2 U | 0.11 J |
| Perfluorononanesulfonic Acid (PFNS) | -- | -- | -- | UG/KG | 0.2 U | 0.2 U | 0.2 U |
| Perfluorononanoic acid (PFNA) | -- | -- | -- | UG/KG | 0.2 U | 0.2 U | 0.17 J |
| Perfluorooctane Sulfonamide (FOSA) | -- | -- | -- | UG/KG | 0.2 U | 0.2 U | 0.2 U |
| Perfluorooctanesulfonic acid (PFOS) | **0.88** | 44 | 1 | UG/KG | 0.22 | 0.18 J | **1.03** |
| Perfluorooctanoic acid (PFOA) | 0.66 | 33 | 0.8 | UG/KG | 0.1 J | 0.2 U | 0.21 |

**Table 7. Summary of Per- and Polyfluoroalkyl Substances in Soil, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | ETSB-01 | ETSB-02 | ETSB-03 |
|---|---|---|---|---|---|---|---|
| Sample Designation: | | | | | ETSB-01 | ETSB-02 | ETSB-03 |
| Sample Date: | | | | | 01/14/2026 | 01/16/2026 | 01/15/2026 |
| Sample Depth (bls): | | | | | 2 - 4 ft | 2 - 4 ft | 2 - 4 ft |
| Normal Sample or Field Duplicate: | | | | | N | N | N |
| Perfluoropentanesulfonic Acid (PFPeS) | -- | -- | -- | UG/KG | 0.2 U | 0.2 U | 0.2 U |
| Perfluoropentanoic Acid (PFPeA) | -- | -- | -- | UG/KG | 0.2 U | 0.2 U | 0.13 J |
| Perfluorotetradecanoic acid (PFTA) | -- | -- | -- | UG/KG | 0.2 U | 0.2 U | 0.2 U |
| Perfluorotridecanoic Acid (PFTriA) | -- | -- | -- | UG/KG | 0.2 U | 0.2 U | 0.2 U |
| Perfluoroundecanoic Acid (PFUnA) | -- | -- | -- | UG/KG | 0.2 U | 0.2 U | 0.2 U |
| Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2) | -- | -- | -- | UG/KG | 0.39 U | 0.39 U | 0.4 U |
| Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2) | -- | -- | -- | UG/KG | 0.39 U | 0.39 U | 0.4 U |
| Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2) | -- | -- | -- | UG/KG | 0.39 U | 0.39 U | 0.4 U |

**Table 7. Summary of Per- and Polyfluoroalkyl Substances in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-04 | ETSB-05 | ETSB-06 |
| | | | | Sample Date: | 01/13/2026 | 01/13/2026 | 01/20/2026 |
| | | | | Sample Depth (bls): | 2 - 4 ft | 2 - 4 ft | 2 - 4 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| 11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid | -- | -- | -- | UG/KG | 0.19 U | 0.2 U | 0.2 U |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | -- | -- | -- | UG/KG | 0.96 U | 0.98 U | 1 U |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | -- | -- | -- | UG/KG | 0.96 U | 0.98 U | 1 U |
| 2-(N-methyl perfluorooctanesulfonamido) acetic acid | -- | -- | -- | UG/KG | 0.19 U | 0.2 U | 0.2 U |
| 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA) | -- | -- | -- | UG/KG | 0.96 U | 0.98 U | 1 U |
| 3-Perfluoroheptyl propanoic acid (7:3FTCA) | -- | -- | -- | UG/KG | 0.96 U | 0.98 U | 1 U |
| 3-Perfluoropropyl propanoic acid (3:3 FTCA) | -- | -- | -- | UG/KG | 0.39 U | 0.39 U | 0.4 U |
| 4,8-Dioxa-3H-perfluorononanoic acid (ADONA) | -- | -- | -- | UG/KG | 0.19 U | 0.2 U | 0.2 U |
| 9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid | -- | -- | -- | UG/KG | 0.19 U | 0.2 U | 0.2 U |
| N-ethyl perfluoro-1-octanesulfonamide | -- | -- | -- | UG/KG | 0.19 U | 0.2 U | 0.2 U |
| N-ethyl perfluorooctanesulfonamidoacetic acid | -- | -- | -- | UG/KG | 0.19 U | 0.2 U | 0.2 U |
| N-methyl perfluoro-1-octanesulfonamide | -- | -- | -- | UG/KG | 0.19 U | 0.2 U | 0.2 U |
| Nonafluoro-3,6-dioxaheptanoic acid (NFDHA) | -- | -- | -- | UG/KG | 0.19 U | 0.2 U | 0.2 U |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA) | -- | -- | -- | UG/KG | 0.19 U | 0.2 U | 0.2 U |
| Perfluoro(2-Propoxypropanoic) Acid | -- | -- | -- | UG/KG | 0.19 U | 0.2 U | 0.2 U |
| Perfluoro-3-methoxypropanoic acid (PFMPA) | -- | -- | -- | UG/KG | 0.19 U | 0.2 U | 0.2 U |
| Perfluoro-4-methoxybutanoic acid (PFMBA) | -- | -- | -- | UG/KG | 0.19 U | 0.2 U | 0.2 U |
| Perfluorobutanesulfonic acid (PFBS) | -- | -- | -- | UG/KG | 0.19 U | 0.2 U | 0.2 U |
| Perfluorobutanoic Acid | -- | -- | -- | UG/KG | 0.39 U | 0.39 U | 0.4 U |
| Perfluorodecane Sulfonic Acid | -- | -- | -- | UG/KG | 0.19 U | 0.2 U | 0.2 U |
| Perfluorodecanoic acid (PFDA) | -- | -- | -- | UG/KG | 0.19 U | 0.2 U | 0.2 U |
| Perfluorododecane sulfonate (PFDoDS) | -- | -- | -- | UG/KG | 0.19 U | 0.2 U | 0.2 U |
| Perfluorododecanoic acid (PFDoA) | -- | -- | -- | UG/KG | 0.19 U | 0.2 U | 0.2 U |
| Perfluoroheptane Sulfonate (PFHPS) | -- | -- | -- | UG/KG | 0.19 U | 0.2 U | 0.2 U |
| Perfluoroheptanoic acid (PFHpA) | -- | -- | -- | UG/KG | 0.19 U | 0.2 U | 0.2 U |
| Perfluorohexanesulfonic acid (PFHxS) | -- | -- | -- | UG/KG | 0.19 U | 0.2 U | 0.2 U |
| Perfluorohexanoic acid (PFHxA) | -- | -- | -- | UG/KG | 0.19 U | 0.2 U | 0.2 U |
| Perfluorononanesulfonic Acid (PFNS) | -- | -- | -- | UG/KG | 0.19 U | 0.2 U | 0.2 U |
| Perfluorononanoic acid (PFNA) | -- | -- | -- | UG/KG | 0.19 U | 0.2 U | 0.2 U |
| Perfluorooctane Sulfonamide (FOSA) | -- | -- | -- | UG/KG | 0.19 U | 0.2 U | 0.2 U |
| Perfluorooctanesulfonic acid (PFOS) | **0.88** | 44 | 1 | UG/KG | 0.37 | 0.42 | 0.25 |
| Perfluorooctanoic acid (PFOA) | 0.66 | 33 | 0.8 | UG/KG | 0.13 U | 0.12 U | 0.19 J |

**Table 7. Summary of Per- and Polyfluoroalkyl Substances in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-04 | ETSB-05 | ETSB-06 |
| | | | | Sample Date: | 01/13/2026 | 01/13/2026 | 01/20/2026 |
| | | | | Sample Depth (bls): | 2 - 4 ft | 2 - 4 ft | 2 - 4 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Perfluoropentanesulfonic Acid (PFPeS) | -- | -- | -- | UG/KG | 0.19 U | 0.2 U | 0.2 U |
| Perfluoropentanoic Acid (PFPeA) | -- | -- | -- | UG/KG | 0.19 U | 0.2 U | 0.2 U |
| Perfluorotetradecanoic acid (PFTA) | -- | -- | -- | UG/KG | 0.19 U | 0.2 U | 0.2 U |
| Perfluorotridecanoic Acid (PFTriA) | -- | -- | -- | UG/KG | 0.19 U | 0.2 U | 0.2 U |
| Perfluoroundecanoic Acid (PFUnA) | -- | -- | -- | UG/KG | 0.19 U | 0.2 U | 0.2 U |
| Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2) | -- | -- | -- | UG/KG | 0.39 U | 0.39 U | 0.4 U |
| Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2) | -- | -- | -- | UG/KG | 0.39 U | 0.39 U | 0.4 U |
| Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2) | -- | -- | -- | UG/KG | 0.39 U | 0.39 U | 0.4 U |

**Table 7. Summary of Per- and Polyfluoroalkyl Substances in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-07 | ETSB-08 | ETSB-08 |
| | | | | Sample Date: | 01/12/2026 | 01/13/2026 | 01/13/2026 |
| | | | | Sample Depth (bls): | 2 - 4 ft | 2 - 4 ft | 2 - 4 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | FD |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| 11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid | -- | -- | -- | UG/KG | 0.2 U | 0.19 U | 0.2 U |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | -- | -- | -- | UG/KG | 0.99 U | 0.97 U | 0.98 U |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | -- | -- | -- | UG/KG | 0.99 U | 0.97 U | 0.98 U |
| 2-(N-methyl perfluorooctanesulfonamido) acetic acid | -- | -- | -- | UG/KG | 0.2 U | 0.19 U | 0.2 U |
| 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA) | -- | -- | -- | UG/KG | 0.99 U | 0.97 U | 0.98 U |
| 3-Perfluoroheptyl propanoic acid (7:3FTCA) | -- | -- | -- | UG/KG | 0.99 U | 0.97 U | 0.98 U |
| 3-Perfluoropropyl propanoic acid (3:3 FTCA) | -- | -- | -- | UG/KG | 0.4 U | 0.39 U | 0.39 U |
| 4,8-Dioxa-3H-perfluorononanoic acid (ADONA) | -- | -- | -- | UG/KG | 0.2 U | 0.19 U | 0.2 U |
| 9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid | -- | -- | -- | UG/KG | 0.2 U | 0.19 U | 0.2 U |
| N-ethyl perfluoro-1-octanesulfonamide | -- | -- | -- | UG/KG | 0.2 U | 0.19 U | 0.2 U |
| N-ethyl perfluorooctanesulfonamidoacetic acid | -- | -- | -- | UG/KG | 0.2 U | 0.19 U | 0.2 U |
| N-methyl perfluoro-1-octanesulfonamide | -- | -- | -- | UG/KG | 0.2 U | 0.19 U | 0.2 U |
| Nonafluoro-3,6-dioxaheptanoic acid (NFDHA) | -- | -- | -- | UG/KG | 0.2 U | 0.19 U | 0.2 U |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA) | -- | -- | -- | UG/KG | 0.2 U | 0.19 U | 0.2 U |
| Perfluoro(2-Propoxypropanoic) Acid | -- | -- | -- | UG/KG | 0.2 U | 0.19 U | 0.2 U |
| Perfluoro-3-methoxypropanoic acid (PFMPA) | -- | -- | -- | UG/KG | 0.2 U | 0.19 U | 0.2 U |
| Perfluoro-4-methoxybutanoic acid (PFMBA) | -- | -- | -- | UG/KG | 0.2 U | 0.19 U | 0.2 U |
| Perfluorobutanesulfonic acid (PFBS) | -- | -- | -- | UG/KG | 0.2 U | 0.19 U | 0.2 U |
| Perfluorobutanoic Acid | -- | -- | -- | UG/KG | 0.4 U | 0.39 U | 0.39 U |
| Perfluorodecane Sulfonic Acid | -- | -- | -- | UG/KG | 0.2 U | 0.12 J | 0.2 U |
| Perfluorodecanoic acid (PFDA) | -- | -- | -- | UG/KG | 0.2 U | 0.19 U | 0.2 U |
| Perfluorododecane sulfonate (PFDoDS) | -- | -- | -- | UG/KG | 0.2 U | 0.19 U | 0.2 U |
| Perfluorododecanoic acid (PFDoA) | -- | -- | -- | UG/KG | 0.2 U | 0.19 U | 0.2 U |
| Perfluoroheptane Sulfonate (PFHPS) | -- | -- | -- | UG/KG | 0.2 U | 0.19 U | 0.2 U |
| Perfluoroheptanoic acid (PFHpA) | -- | -- | -- | UG/KG | 0.2 U | 0.19 U | 0.2 U |
| Perfluorohexanesulfonic acid (PFHxS) | -- | -- | -- | UG/KG | 0.2 U | 0.19 U | 0.2 U |
| Perfluorohexanoic acid (PFHxA) | -- | -- | -- | UG/KG | 0.2 U | 0.19 U | 0.2 U |
| Perfluorononanesulfonic Acid (PFNS) | -- | -- | -- | UG/KG | 0.2 U | 0.19 U | 0.2 U |
| Perfluorononanoic acid (PFNA) | -- | -- | -- | UG/KG | 0.2 U | 0.097 J | 0.2 U |
| Perfluorooctane Sulfonamide (FOSA) | -- | -- | -- | UG/KG | 0.2 U | 0.19 U | 0.2 U |
| Perfluorooctanesulfonic acid (PFOS) | **0.88** | 44 | 1 | UG/KG | 0.15 J | 0.37 | 0.32 |
| Perfluorooctanoic acid (PFOA) | 0.66 | 33 | 0.8 | UG/KG | 0.065 J | 0.27 | 0.19 J |

**Table 7. Summary of Per- and Polyfluoroalkyl Substances in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-07 | ETSB-08 | ETSB-08 |
| | | | | Sample Date: | 01/12/2026 | 01/13/2026 | 01/13/2026 |
| | | | | Sample Depth (bls): | 2 - 4 ft | 2 - 4 ft | 2 - 4 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | FD |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Perfluoropentanesulfonic Acid (PFPeS) | -- | -- | -- | UG/KG | 0.2 U | 0.19 U | 0.2 U |
| Perfluoropentanoic Acid (PFPeA) | -- | -- | -- | UG/KG | 0.2 U | 0.1 J | 0.2 U |
| Perfluorotetradecanoic acid (PFTA) | -- | -- | -- | UG/KG | 0.2 U | 0.19 U | 0.2 U |
| Perfluorotridecanoic Acid (PFTriA) | -- | -- | -- | UG/KG | 0.2 U | 0.19 U | 0.2 U |
| Perfluoroundecanoic Acid (PFUnA) | -- | -- | -- | UG/KG | 0.2 U | 0.19 U | 0.2 U |
| Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2) | -- | -- | -- | UG/KG | 0.4 U | 0.39 U | 0.39 U |
| Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2) | -- | -- | -- | UG/KG | 0.4 U | 0.39 U | 0.39 U |
| Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2) | -- | -- | -- | UG/KG | 0.4 U | 0.39 U | 0.39 U |

**Table 7. Summary of Per- and Polyfluoroalkyl Substances in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-09 | ETSB-10 | ETSB-11 |
| | | | | Sample Date: | 01/19/2026 | 01/23/2026 | 01/15/2026 |
| | | | | Sample Depth (bls): | 2 - 4 ft | 2 - 4 ft | 2 - 4 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| 11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid | -- | -- | -- | UG/KG | 0.19 U | 0.19 U | 0.19 U |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | -- | -- | -- | UG/KG | 0.97 U | 0.95 U | 0.95 U |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | -- | -- | -- | UG/KG | 0.97 U | 0.95 U | 0.95 U |
| 2-(N-methyl perfluorooctanesulfonamido) acetic acid | -- | -- | -- | UG/KG | 0.19 U | 0.19 U | 0.19 U |
| 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA) | -- | -- | -- | UG/KG | 0.97 U | 0.95 U | 0.95 U |
| 3-Perfluoroheptyl propanoic acid (7:3FTCA) | -- | -- | -- | UG/KG | 0.97 U | 0.95 U | 0.95 U |
| 3-Perfluoropropyl propanoic acid (3:3 FTCA) | -- | -- | -- | UG/KG | 0.39 U | 0.38 U | 0.38 U |
| 4,8-Dioxa-3H-perfluorononanoic acid (ADONA) | -- | -- | -- | UG/KG | 0.19 U | 0.19 U | 0.19 U |
| 9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid | -- | -- | -- | UG/KG | 0.19 U | 0.19 U | 0.19 U |
| N-ethyl perfluoro-1-octanesulfonamide | -- | -- | -- | UG/KG | 0.19 U | 0.19 U | 0.19 U |
| N-ethyl perfluorooctanesulfonamidoacetic acid | -- | -- | -- | UG/KG | 0.19 U | 0.19 U | 0.19 U |
| N-methyl perfluoro-1-octanesulfonamide | -- | -- | -- | UG/KG | 0.19 U | 0.19 U | 0.19 U |
| Nonafluoro-3,6-dioxaheptanoic acid (NFDHA) | -- | -- | -- | UG/KG | 0.19 U | 0.19 U | 0.19 U |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA) | -- | -- | -- | UG/KG | 0.19 U | 0.19 U | 0.19 U |
| Perfluoro(2-Propoxypropanoic) Acid | -- | -- | -- | UG/KG | 0.19 U | 0.19 U | 0.19 U |
| Perfluoro-3-methoxypropanoic acid (PFMPA) | -- | -- | -- | UG/KG | 0.19 U | 0.19 U | 0.19 U |
| Perfluoro-4-methoxybutanoic acid (PFMBA) | -- | -- | -- | UG/KG | 0.19 U | 0.19 U | 0.19 U |
| Perfluorobutanesulfonic acid (PFBS) | -- | -- | -- | UG/KG | 0.19 U | 0.19 U | 0.19 U |
| Perfluorobutanoic Acid | -- | -- | -- | UG/KG | 0.39 U | 0.38 U | 0.38 U |
| Perfluorodecane Sulfonic Acid | -- | -- | -- | UG/KG | 0.19 U | 0.19 U | 0.19 U |
| Perfluorodecanoic acid (PFDA) | -- | -- | -- | UG/KG | 0.19 U | 0.19 U | 0.19 U |
| Perfluorododecane sulfonate (PFDoDS) | -- | -- | -- | UG/KG | 0.19 U | 0.19 U | 0.19 U |
| Perfluorododecanoic acid (PFDoA) | -- | -- | -- | UG/KG | 0.19 U | 0.19 U | 0.19 U |
| Perfluoroheptane Sulfonate (PFHPS) | -- | -- | -- | UG/KG | 0.19 U | 0.19 U | 0.19 U |
| Perfluoroheptanoic acid (PFHpA) | -- | -- | -- | UG/KG | 0.19 U | 0.19 U | 0.19 U |
| Perfluorohexanesulfonic acid (PFHxS) | -- | -- | -- | UG/KG | 0.19 U | 0.19 U | 0.19 U |
| Perfluorohexanoic acid (PFHxA) | -- | -- | -- | UG/KG | 0.19 U | 0.19 U | 0.19 U |
| Perfluorononanesulfonic Acid (PFNS) | -- | -- | -- | UG/KG | 0.19 U | 0.19 U | 0.19 U |
| Perfluorononanoic acid (PFNA) | -- | -- | -- | UG/KG | 0.19 U | 0.19 U | 0.19 U |
| Perfluorooctane Sulfonamide (FOSA) | -- | -- | -- | UG/KG | 0.19 U | 0.19 U | 0.19 U |
| Perfluorooctanesulfonic acid (PFOS) | **0.88** | 44 | 1 | UG/KG | 0.17 J | 0.12 J | 0.26 |
| Perfluorooctanoic acid (PFOA) | 0.66 | 33 | 0.8 | UG/KG | 0.19 U | 0.19 U | 0.19 U |

**Table 7. Summary of Per- and Polyfluoroalkyl Substances in Soil, 310 East 161st Street, Bronx, New York**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Sample Designation: | ETSB-09 | ETSB-10 | ETSB-11 |
| | | | | Sample Date: | 01/19/2026 | 01/23/2026 | 01/15/2026 |
| | | | | Sample Depth (bls): | 2 - 4 ft | 2 - 4 ft | 2 - 4 ft |
| | | | | Normal Sample or Field Duplicate: | N | N | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | |
| Perfluoropentanesulfonic Acid (PFPeS) | -- | -- | -- | UG/KG | 0.19 U | 0.19 U | 0.19 U |
| Perfluoropentanoic Acid (PFPeA) | -- | -- | -- | UG/KG | 0.19 U | 0.19 U | 0.19 U |
| Perfluorotetradecanoic acid (PFTA) | -- | -- | -- | UG/KG | 0.19 U | 0.19 U | 0.19 U |
| Perfluorotridecanoic Acid (PFTriA) | -- | -- | -- | UG/KG | 0.19 U | 0.19 U | 0.19 U |
| Perfluoroundecanoic Acid (PFUnA) | -- | -- | -- | UG/KG | 0.19 U | 0.19 U | 0.19 U |
| Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2) | -- | -- | -- | UG/KG | 0.39 U | 0.38 U | 0.38 U |
| Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2) | -- | -- | -- | UG/KG | 0.39 U | 0.38 U | 0.38 U |
| Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2) | -- | -- | -- | UG/KG | 0.39 U | 0.38 U | 0.38 U |

**Table 8. Summary of Volatile Organic Compounds in Groundwater, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Ambient Water Quality Standards and Guidance Values | Units | ETMW-01 | ETMW-02 | ETMW-03 | ETMW-04 | ETMW-04 | ETMW-05 | RX-8G |
|---|---|---|---|---|---|---|---|---|---|
| Sample Designation: | | | ETMW-01 | ETMW-02 | ETMW-03 | ETMW-04 | ETMW-04 | ETMW-05 | RX-8G |
| Sample Date: | | | 02/11/2026 | 02/11/2026 | 01/29/2026 | 02/11/2026 | 02/11/2026 | 02/11/2026 | 06/07/2022 |
| Normal Sample or Field Duplicate: | | | N | N | N | N | FD | N | N |
| 1,1,1-Trichloroethane (TCA) | 5 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,2,2-Tetrachloroethane | 5 | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 1 U |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 5 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,2-Trichloroethane | 1 | UG/L | 0.58 U | 0.58 U | 0.58 U | 0.58 U | 0.58 U | 0.58 U | 1 U |
| 1,1-Dichloroethane | 5 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1-Dichloroethene | 5 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2,3-Trichlorobenzene | 5 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2,4-Trichlorobenzene | 5 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2,4-Trimethylbenzene | **5** | UG/L | 1 U | 1 U | 1 U | **180** | **150** | 1 U | 1 U |
| 1,2-Dibromo-3-Chloropropane | 0.04 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-Dibromoethane (Ethylene Dibromide) | 0.0006 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-Dichlorobenzene | 3 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-Dichloroethane | 0.6 | UG/L | 0.3 U | 0.3 U | 0.3 U | 0.3 U | 0.3 U | 0.3 U | 1 U |
| 1,2-Dichloropropane | 1 | UG/L | 0.92 U | 0.92 U | 0.92 U | 0.92 U | 0.92 U | 0.92 U | 1 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | 5 | UG/L | 1 U | 1 U | 1 U | 2.9 | 2.3 | 1 U | 1 U |
| 1,3-Dichlorobenzene | 3 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,4-Dichlorobenzene | 3 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2-Hexanone | 50 | UG/L | 5 U | 5 U | 5 UT | 5 U | 5 U | 5 U | 5 U |
| Acetone | 50 | UG/L | 5 U | 5 U | 5 U | 5 U | 5 U | 6.4 | 5.9 |
| Benzene | 1 | UG/L | 0.45 U | 0.45 U | 0.45 U | 0.45 U | 0.45 U | 0.45 U | 1 U |
| Bromochloromethane | 5 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Bromodichloromethane | 50 | UG/L | 0.98 U | 0.98 U | 1.1 | 0.98 U | 0.98 U | 0.86 J | 0.57 J |
| Bromoform | 50 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Bromomethane | 5 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Carbon Disulfide | 60 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Carbon Tetrachloride | 5 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Chlorobenzene | 5 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Chloroethane | 5 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Chloroform | **7** | UG/L | **22** | 1 U | **22** | 0.78 J | 0.8 J | **20** | 2.8 |
| Chloromethane | 5 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Cis-1,2-Dichloroethylene | 5 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Cis-1,3-Dichloropropene | -- | UG/L | 0.45 U | 0.45 U | 0.45 U | 0.45 U | 0.45 U | 0.45 U | 1 U |

**Table 8. Summary of Volatile Organic Compounds in Groundwater, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Ambient Water Quality Standards and Guidance Values | Units | Sample Designation: ETMW-01 | ETMW-02 | ETMW-03 | ETMW-04 | ETMW-04 | ETMW-05 | RX-8G |
|---|---|---|---|---|---|---|---|---|---|
| | | | Sample Date: 02/11/2026 | 02/11/2026 | 01/29/2026 | 02/11/2026 | 02/11/2026 | 02/11/2026 | 06/07/2022 |
| | | | Normal Sample or Field Duplicate: N | N | N | N | FD | N | N |
| Cyclohexane | -- | UG/L | 1 U | 1 U | 1 U | 1.5 | 1.4 | 1 U | 1 U |
| Dibromochloromethane | 50 | UG/L | 0.78 U | 0.78 U | 0.78 U | 0.78 U | 0.78 U | 0.78 U | 1 U |
| Dichlorodifluoromethane | 5 | UG/L | 1 UT | 1 UT | 1 UT | 1 UT | 1 UT | 1 UT | 1 U |
| Ethylbenzene | **5** | UG/L | 1 U | 1 U | 1 U | **5.5** | 4.4 | 1 U | 1 U |
| Isopropylbenzene (Cumene) | 5 | UG/L | 1 U | 1 U | 1 U | 3.9 | 3.1 | 1 U | 1 U |
| m,p-Xylene | **5** | UG/L | 1 U | 1 U | 1 U | **7.8** | **5.8** | 1 U | 1 U |
| Methyl Acetate | -- | UG/L | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| Methyl Ethyl Ketone (2-Butanone) | 50 | UG/L | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | -- | UG/L | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| Methylcyclohexane | -- | UG/L | 1 U | 1 U | 1 U | 4.5 | 3.8 | 1 U | 1 U |
| Methylene Chloride | 5 | UG/L | 0.96 J | 0.65 J | 1.4 | 1.5 | 0.71 J | 0.77 J | 1 U |
| N-Butylbenzene | 5 | UG/L | 1 U | 1 U | 1 U | 3 | 3.2 | 1 U | 1 U |
| N-Propylbenzene | **5** | UG/L | 1 U | 1 U | 1 U | **10** | **8.5** | 1 U | 1 U |
| O-Xylene (1,2-Dimethylbenzene) | 5 | UG/L | 1 U | 1 U | 1 U | 1.9 | 1.2 | 1 U | 1 U |
| Sec-Butylbenzene | 5 | UG/L | 1 U | 1 U | 1 U | 3.4 | 2.9 | 1 U | 1 U |
| Styrene | 5 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| T-Butylbenzene | 5 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Tert-Butyl Methyl Ether | 10 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Tetrachloroethylene (PCE) | 5 | UG/L | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 1 U |
| Toluene | 5 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Trans-1,2-Dichloroethene | 5 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Trans-1,3-Dichloropropene | -- | UG/L | 0.45 U | 0.45 U | 0.45 U | 0.45 U | 0.45 U | 0.45 U | 1 U |
| Trichloroethylene (TCE) | 5 | UG/L | 0.28 U | 0.28 U | 0.28 U | 0.28 U | 0.28 U | 0.28 U | 1 U |
| Trichlorofluoromethane | 5 | UG/L | 1 UT | 1 UT | 1 U | 1 UT | 1 UT | 1 UT | 1 U |
| Vinyl Chloride | 2 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Xylenes | **5** | UG/L | 2 U | 2 U | 2 U | **9.7** | **7.1** | 2 U | 2 U |

**Table 9. Summary of Semivolatile Organic Compounds in Groundwater, 310 East 161st Street, Bronx, New York**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Sample Designation: | ETMW-01 | ETMW-02 | ETMW-03 | ETMW-04 | ETMW-04 | ETMW-05 | RX-8G |
| | | Sample Date: | 02/11/2026 | 02/11/2026 | 01/29/2026 | 02/11/2026 | 02/11/2026 | 02/11/2026 | 06/07/2022 |
| | | Normal Sample or Field Duplicate: | N | N | N | N | FD | N | N |
| Parameter | NYSDEC Ambient Water Quality Standards and Guidance Values | Units | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | 5 | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,4-Dioxane (P-Dioxane) | 0.35 | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | NA |
| 2,3,4,6-Tetrachlorophenol | -- | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,4,5-Trichlorophenol | -- | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,4,6-Trichlorophenol | -- | UG/L | 3 U | 3 U | 3 U | 3 U | 3 U | 3 U | 10 U |
| 2,4-Dichlorophenol | 5 | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,4-Dimethylphenol | 50 | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2,4-Dinitrophenol | 10 | UG/L | 12 U | 12 U | 12 U | 12 U | 12 U | 12 U | 20 U |
| 2,4-Dinitrotoluene | 5 | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 2 U |
| 2,6-Dinitrotoluene | 5 | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| 2-Chloronaphthalene | 10 | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-Chlorophenol | -- | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-Methylnaphthalene | -- | UG/L | 10 U | 10 U | 10 U | 0.79 J | 0.78 J | 10 U | 10 U |
| 2-Methylphenol (O-Cresol) | -- | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-Nitroaniline | 5 | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-Nitrophenol | -- | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 3,3'-Dichlorobenzidine | 5 | UG/L | 5.2 U | 5.2 U | 5.2 U | 5.2 U | 5.2 U | 5.2 U | 10 U |
| 3-Nitroaniline | 5 | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4,6-Dinitro-2-Methylphenol | -- | UG/L | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U |
| 4-Bromophenyl Phenyl Ether | -- | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-Chloro-3-Methylphenol | -- | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-Chloroaniline | 5 | UG/L | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 10 U |
| 4-Chlorophenyl Phenyl Ether | -- | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-Methylphenol (P-Cresol) | -- | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-Nitroaniline | 5 | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 4-Nitrophenol | -- | UG/L | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U |
| Acenaphthene | 20 | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Acenaphthylene | 20 | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Acetophenone | -- | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Anthracene | 50 | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Atrazine | 7.5 | UG/L | 2 UT | 2 UT | 2 U | 2 UT | 2 UT | 2 UT | 2 U |
| Benzaldehyde | -- | UG/L | 10 UT | 10 UT | 10 U | 10 UT | 10 UT | 10 UT | 10 UT |

**Table 9. Summary of Semivolatile Organic Compounds in Groundwater, 310 East 161st Street, Bronx, New York**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Sample Designation: | ETMW-01 | ETMW-02 | ETMW-03 | ETMW-04 | ETMW-04 | ETMW-05 | RX-8G |
| | | Sample Date: | 02/11/2026 | 02/11/2026 | 01/29/2026 | 02/11/2026 | 02/11/2026 | 02/11/2026 | 06/07/2022 |
| | | Normal Sample or Field Duplicate: | N | N | N | N | FD | N | N |
| Parameter | NYSDEC Ambient Water Quality Standards and Guidance Values | Units | | | | | | | |
| Benzo(A)Anthracene | 0.002 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Benzo(A)Pyrene | 0 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Benzo(B)Fluoranthene | 0.002 | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| Benzo(G,H,I)Perylene | -- | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Benzo(K)Fluoranthene | 0.002 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Benzyl Butyl Phthalate | 50 | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Biphenyl (Diphenyl) | 5 | UG/L | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 10 U |
| Bis(2-Chloroethoxy) Methane | 5 | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether) | 1 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Bis(2-Chloroisopropyl) Ether | 5 | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Bis(2-Ethylhexyl) Phthalate | 5 | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| Caprolactam | -- | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Carbazole | -- | UG/L | 10 U | 10 U | 10 U | 1 J | 0.7 J | 0.93 J | 10 U |
| Chrysene | 0.002 | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| Cresols, M & P | -- | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Dibenz(A,H)Anthracene | -- | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Dibenzofuran | -- | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Diethyl Phthalate | 50 | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Dimethyl Phthalate | 50 | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Di-N-Butyl Phthalate | 50 | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Di-N-Octylphthalate | -- | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Fluoranthene | 50 | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Fluorene | 50 | UG/L | 10 U | 10 U | 10 U | 1 J | 1 J | 10 U | 10 U |
| Hexachlorobenzene | 0.04 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Hexachlorobutadiene | 0.5 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Hexachlorocyclopentadiene | 5 | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Hexachloroethane | 5 | UG/L | 0.8 U | 0.8 U | 0.8 U | 0.8 U | 0.8 U | 0.8 U | 2 U |
| Indeno(1,2,3-C,D)Pyrene | 0.002 | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| Isophorone | 50 | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Naphthalene | 10 | UG/L | 2 U | 2 U | 2 U | 3.4 | 2.6 | 1.7 J | 2 U |
| Nitrobenzene | 0.4 | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| N-Nitrosodi-N-Propylamine | -- | UG/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |

**Table 9. Summary of Semivolatile Organic Compounds in Groundwater, 310 East 161st Street, Bronx, New York**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Sample Designation: | ETMW-01 | ETMW-02 | ETMW-03 | ETMW-04 | ETMW-04 | ETMW-05 | RX-8G |
| | | Sample Date: | 02/11/2026 | 02/11/2026 | 01/29/2026 | 02/11/2026 | 02/11/2026 | 02/11/2026 | 06/07/2022 |
| | | Normal Sample or Field Duplicate: | N | N | N | N | FD | N | N |
| Parameter | NYSDEC Ambient Water Quality Standards and Guidance Values | Units | | | | | | | |
| N-Nitrosodiphenylamine | 50 | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Pentachlorophenol | 1 | UG/L | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U | 20 U |
| Phenanthrene | 50 | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Phenol | 1 | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Pyrene | 50 | UG/L | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |

**Table 10. Summary of Metals in Groundwater, 310 East 161st Street, Bronx, New York**

| Sample Designation: | | | ETMW-01 | ETMW-01 | ETMW-02 | ETMW-02 | ETMW-03 | ETMW-03 | ETMW-03 | ETMW-04 | ETMW-04 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date: | | | 02/11/2026 | 02/11/2026 | 02/11/2026 | 02/11/2026 | 01/29/2026 | 02/11/2026 | 02/11/2026 | 02/11/2026 | 02/11/2026 |
| Normal Sample or Field Duplicate: | | | N | N | N | N | N | N | N | N | N |
| Total or Dissolved: | | | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved |
| Parameter | NYSDEC Ambient Water Quality Standards and Guidance Values | Units | | | | | | | | | |
| Aluminum | -- | UG/L | 76.6 | 40 U | 82.9 | 40 U | NA | 79.8 | 40 U | 12 J | 40 U |
| Antimony | 3 | UG/L | 2 U | 2 U | 2 U | 2 U | NA | 2 U | 2 U | 2 U | 2 U |
| Arsenic | 25 | UG/L | 2 U | 2 U | 2 U | 2 U | NA | 2 U | 2 U | 0.61 J | 0.54 J |
| Barium | 1000 | UG/L | 40.5 | 41.8 | 38.3 | 39.9 | NA | 105 | 103 | 67.8 | 67 |
| Beryllium | **3** | UG/L | 0.8 U | 0.8 U | 0.8 U | 0.8 U | NA | 0.8 U | 0.8 U | 0.8 U | 0.8 U |
| Cadmium | 5 | UG/L | 0.92 U | 0.92 U | 0.92 U | 0.92 U | NA | 0.92 U | 0.92 U | 0.92 U | 0.92 U |
| Calcium | -- | UG/L | 110000 | 115000 | 75400 | 84600 | NA | 87800 | 87800 | 155000 | 153000 |
| Chromium III | -- | UG/L | 10 U | NA | 10 U | NA | NA | 10 U | NA | 10 U | NA |
| Chromium, Hexavalent | 50 | UG/L | 8.7 J | NA | 10 U | NA | 10 U | 10 U | NA | 7.6 J | NA |
| Chromium, Total | 50 | UG/L | 4.6 | 4.1 | 2.8 J | 4 U | NA | 4 U | 4 U | 6.9 | 5.9 |
| Cobalt | -- | UG/L | 2 U | 2 U | 2 U | 2 U | NA | 2 U | 2 U | 1.5 J | 1.5 J |
| Copper | 200 | UG/L | 4 U | 4 U | 4 U | 4 U | NA | 4 U | 4 U | 4 U | 4 U |
| Cyanide | 0.2 | MG/L | 0.0018 J | NA | 0.005 U | NA | 0.005 U | NA | NA | 0.0018 J | NA |
| Iron | **300** | UG/L | 209 | 120 U | **542** | 120 U | NA | 136 | 120 U | 72.5 J | 34.5 J |
| Lead | **25** | UG/L | 0.63 J | 1.2 U | 0.71 J | 1.2 U | NA | 0.74 J | 1.2 U | 1.3 | 0.58 J |
| Magnesium | **35000** | UG/L | **64900** | **65700** | **42000** | **39300** | NA | **41200** | **40000** | **66700** | **65500** |
| Manganese | **300** | UG/L | 30.8 | 14.9 | 89.5 | 5.3 J | NA | 16.5 | 2.5 J | 91 | 85.1 |
| Mercury | 0.7 | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U | NA | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| Nickel | 100 | UG/L | 4 U | 4 U | 4 U | 4 U | NA | 4 U | 4 U | 3.4 J | 1.6 J |
| Potassium | -- | UG/L | 3250 | 3540 | 2690 | 2960 | NA | 2900 | 2820 | 3580 | 3540 |
| Selenium | 10 | UG/L | 1.4 J | 1.4 J | 0.89 J | 1.6 J | NA | 2.5 U | 0.47 J | 2.2 J | 2.2 J |
| Silver | 50 | UG/L | 2 U | 2 U | 2 U | 2 U | NA | 2 U | 2 U | 2 U | 2 U |
| Sodium | **20000** | UG/L | **50200** | **52100** | **107000** | **117000** | NA | **90200** | **89900** | **95200** | **99400** |
| Thallium | **0.5** | UG/L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NA | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Vanadium | -- | UG/L | 4 U | 4 U | 4 U | 4 U | NA | 1.5 J | 1 J | 4 U | 4 U |
| Zinc | 2000 | UG/L | 16 U | 16 U | 5.7 J | 16 U | NA | 10.7 J | 6.1 J | 8.7 J | 5.7 J |

**Table 10. Summary of Metals in Groundwater, 310 East 161st Street, Bronx, New York**

| Sample Designation: | | | ETMW-04 | ETMW-04 | ETMW-05 | ETMW-05 | RX-8G | RX-8G |
|---|---|---|---|---|---|---|---|---|
| Sample Date: | | | 02/11/2026 | 02/11/2026 | 02/11/2026 | 02/11/2026 | 06/07/2022 | 06/07/2022 |
| Normal Sample or Field Duplicate: | | | FD | FD | N | N | N | N |
| Total or Dissolved: | | | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| Parameter | NYSDEC Ambient Water Quality Standards and Guidance Values | Units | | | | | | |
| Aluminum | -- | UG/L | 40 U | 40 U | 388 | 12.4 J | 1180 | 40 U |
| Antimony | 3 | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| Arsenic | 25 | UG/L | 0.53 J | 0.71 J | 2 U | 2 U | 2 U | 2 U |
| Barium | 1000 | UG/L | 66.5 | 66 | 11.5 | 13.9 | 116 | 12.4 |
| Beryllium | **3** | UG/L | 0.8 U | 0.8 U | 0.8 U | 0.8 U | 0.35 J | 0.8 U |
| Cadmium | 5 | UG/L | 0.92 U | 0.92 U | 0.92 U | 0.92 U | 0.68 J | 2 U |
| Calcium | -- | UG/L | 153000 | 153000 | 34900 | 36700 | 414000 | 35500 |
| Chromium III | -- | UG/L | 10 U | NA | 10 U | NA | NA | NA |
| Chromium, Hexavalent | 50 | UG/L | 8.7 J | NA | 10 U | NA | NA | NA |
| Chromium, Total | 50 | UG/L | 7.6 | 4.6 | 4 U | 4 U | 4.7 | 4 U |
| Cobalt | -- | UG/L | 1.4 J | 1.5 J | 0.34 J | 0.18 J | 1.6 J | 4 U |
| Copper | 200 | UG/L | 4 U | 4 U | 3.4 J | 2.3 J | 15.3 | 3.7 J |
| Cyanide | 0.2 | MG/L | 0.0015 J | NA | 0.005 U | NA | NA | NA |
| Iron | **300** | UG/L | 53.2 J | 46.7 J | **710** | 120 U | **3220** | 120 U |
| Lead | **25** | UG/L | 0.71 J | 0.66 J | 2.2 | 1.2 U | 3.1 | 1.2 U |
| Magnesium | **35000** | UG/L | **68200** | **64600** | 15700 | 16200 | **135000** | **53500** |
| Manganese | **300** | UG/L | 73.2 | 90.9 | 109 | 105 | **1170** | 14.4 |
| Mercury | 0.7 | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.14 J | 0.2 U |
| Nickel | 100 | UG/L | 2.6 J | 1.9 J | 4 U | 4 U | 11.8 | 4 U |
| Potassium | -- | UG/L | 3450 | 3480 | 2020 | 2310 | 4200 | 3680 |
| Selenium | 10 | UG/L | 1.8 J | 2.2 J | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| Silver | 50 | UG/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| Sodium | **20000** | UG/L | **101000** | **95800** | **43900** | **52100** | **44100** | **42300** |
| Thallium | **0.5** | UG/L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.8 U | 0.8 U |
| Vanadium | -- | UG/L | 4 U | 4 U | 2.4 J | 1.2 J | 3.2 J | 4 U |
| Zinc | 2000 | UG/L | 9 J | 6.1 J | 7.5 J | 16 U | 33.1 | 27 |

**Table 11. Summary of Polychlorinated Biphenyls in Groundwater, 310 East 161st Street, Bronx, New York**

| Sample Designation: | | | ETMW-01 | ETMW-02 | ETMW-03 | ETMW-04 | ETMW-04 | ETMW-05 | RX-8G |
|---|---|---|---|---|---|---|---|---|---|
| Sample Date: | | | 02/11/2026 | 02/11/2026 | 01/29/2026 | 02/11/2026 | 02/11/2026 | 02/11/2026 | 06/07/2022 |
| Normal Sample or Field Duplicate: | | | N | N | N | N | FD | N | N |
| Parameter | NYSDEC Ambient Water Quality Standards and Guidance Values | Units | | | | | | | |
| PCB-1016 (Aroclor 1016) | -- | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.4 U |
| PCB-1221 (Aroclor 1221) | -- | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.4 U |
| PCB-1232 (Aroclor 1232) | -- | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.4 U |
| PCB-1242 (Aroclor 1242) | -- | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.4 U |
| PCB-1248 (Aroclor 1248) | -- | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.4 U |
| PCB-1254 (Aroclor 1254) | -- | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.4 U |
| PCB-1260 (Aroclor 1260) | -- | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.4 U |
| PCB-1262 (Aroclor 1262) | -- | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.4 U |
| PCB-1268 (Aroclor 1268) | -- | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.4 U |
| Polychlorinated Biphenyl (PCBs) | 0.09 | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.4 U |

**Table 12. Summary of Pesticides and Herbicides in Groundwater, 310 East 161st Street, Bronx, New York**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Sample Designation: | ETMW-01 | ETMW-02 | ETMW-03 | ETMW-04 | ETMW-04 | ETMW-05 |
| | | Sample Date: | 02/11/2026 | 02/11/2026 | 01/29/2026 | 02/11/2026 | 02/11/2026 | 02/11/2026 |
| | | Normal Sample or Field Duplicate: | N | N | N | N | FD | N |
| Parameter | NYSDEC Ambient Water Quality Standards and Guidance Values | Units | | | | | | |
| Aldrin | 0 | UG/L | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U |
| Alpha Bhc (Alpha Hexachlorocyclohexane) | 0.01 | UG/L | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U |
| Alpha Endosulfan | -- | UG/L | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U |
| Beta Bhc (Beta Hexachlorocyclohexane) | 0.04 | UG/L | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U |
| Beta Endosulfan | -- | UG/L | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U |
| Chlordane (Technical) | -- | UG/L | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| cis-Chlordane | -- | UG/L | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U |
| Delta BHC (Delta Hexachlorocyclohexane) | 0.04 | UG/L | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U |
| Dieldrin | 0.004 | UG/L | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U |
| Endosulfan Sulfate | -- | UG/L | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U |
| Endrin | 0 | UG/L | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U |
| Endrin Aldehyde | 5 | UG/L | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U |
| Endrin Ketone | 5 | UG/L | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U |
| Gamma Bhc (Lindane) | 0.05 | UG/L | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U |
| Heptachlor | 0.04 | UG/L | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U |
| Heptachlor Epoxide | 0.03 | UG/L | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U |
| Methoxychlor | 35 | UG/L | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U |
| P,P'-DDD | 0.3 | UG/L | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U |
| P,P'-DDE | 0.2 | UG/L | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U |
| P,P'-DDT | 0.2 | UG/L | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.02 U |
| Toxaphene | 0.06 | UG/L | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

**Table 13. Summary of Per- and Polyfluoroalkyl Substances in Groundwater, 310 East 161st Street, Bronx, New York**

| Parameter | NYSDEC Ambient Water Quality Standards and Guidance Values | Units | Sample Designation: ETMW-01<br>Sample Date: 02/11/2026<br>Normal Sample or Field Duplicate: N | ETMW-02<br>02/11/2026<br>N | ETMW-03<br>01/29/2026<br>N | ETMW-04<br>02/11/2026<br>N | ETMW-04<br>02/11/2026<br>FD | ETMW-05<br>02/11/2026<br>N |
|---|---|---|---|---|---|---|---|---|
| 11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid | -- | NG/L | 1.63 U | 1.61 U | 1.61 U | 1.66 U | 1.73 U | 1.63 U |
| 2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol | -- | NG/L | 8.17 U | 8.05 U | 8.04 U | 8.29 U | 8.63 U | 8.62 U |
| 2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol | -- | NG/L | 8.17 U | 8.05 U | 8.04 U | 8.29 U | 8.63 U | 8.13 U |
| 2-(N-methyl perfluorooctanesulfonamido) acetic acid | -- | NG/L | 1.63 U | 1.61 U | 1.61 U | 1.66 U | 1.73 U | 1.63 U |
| 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA) | -- | NG/L | 8.17 UT | 8.05 UT | 8.04 U | 8.29 UT | 8.63 UT | 8.13 UT |
| 3-Perfluoroheptyl propanoic acid (7:3FTCA) | -- | NG/L | 8.17 U | 8.05 U | 8.04 U | 8.29 U | 8.63 U | 8.13 U |
| 3-Perfluoropropyl propanoic acid (3:3 FTCA) | -- | NG/L | 3.27 U | 3.22 U | 3.22 U | 3.32 U | 3.45 U | 3.25 U |
| 4,8-Dioxa-3H-perfluorononanoic acid (ADONA) | -- | NG/L | 1.63 U | 1.61 U | 1.61 U | 1.66 U | 1.73 U | 1.63 U |
| 9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid | -- | NG/L | 1.63 U | 1.61 U | 1.61 U | 1.66 U | 1.73 U | 1.63 U |
| N-ethyl perfluoro-1-octanesulfonamide | -- | NG/L | 1.63 U | 1.61 U | 1.61 U | 1.66 U | 1.73 U | 1.63 U |
| N-ethyl perfluorooctanesulfonamidoacetic acid | -- | NG/L | 1.63 U | 1.61 U | 1.61 U | 1.66 U | 1.73 U | 1.63 U |
| N-methyl perfluoro-1-octanesulfonamide | -- | NG/L | 1.63 U | 1.61 U | 1.61 U | 1.66 U | 1.73 U | 1.63 U |
| Nonafluoro-3,6-dioxaheptanoic acid (NFDHA) | -- | NG/L | 1.63 U | 1.61 U | 1.61 U | 1.66 U | 1.73 U | 1.63 U |
| Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA) | -- | NG/L | 1.63 U | 1.61 U | 1.61 U | 1.66 U | 1.73 U | 1.63 U |
| Perfluoro(2-Propoxypropanoic) Acid | -- | NG/L | 1.63 U | 1.61 U | 1.61 U | 1.66 U | 1.73 U | 1.63 U |
| Perfluoro-3-methoxypropanoic acid (PFMPA) | -- | NG/L | 1.63 U | 1.61 U | 1.61 U | 1.66 U | 1.73 U | 1.63 U |
| Perfluoro-4-methoxybutanoic acid (PFMBA) | -- | NG/L | 1.63 U | 1.61 U | 1.61 U | 1.66 U | 1.73 U | 1.63 U |
| Perfluorobutanesulfonic acid (PFBS) | -- | NG/L | 4.67 | 1.75 | 1.24 J | 11.7 | 11.9 | 0.82 J |
| Perfluorobutanoic Acid | -- | NG/L | 6.98 | 1.38 J | 2.18 J | 28.7 | 28.2 | 1.8 J |
| Perfluorodecane Sulfonic Acid | -- | NG/L | 1.63 U | 1.61 U | 1.61 U | 1.66 U | 1.73 U | 1.63 U |
| Perfluorodecanoic acid (PFDA) | -- | NG/L | 1.63 U | 1.61 U | 1.61 U | 1.66 U | 1.73 U | 1.63 U |
| Perfluorododecane sulfonate (PFDoDS) | -- | NG/L | 1.63 U | 1.61 U | 1.61 U | 1.66 U | 1.73 U | 1.63 U |
| Perfluorododecanoic acid (PFDoA) | -- | NG/L | 1.63 U | 1.61 U | 1.61 U | 1.66 U | 1.73 U | 1.63 U |
| Perfluoroheptane Sulfonate (PFHPS) | -- | NG/L | 0.46 J | 0.87 J | 1.61 U | 1.48 J | 1.47 J | 1.63 U |
| Perfluoroheptanoic acid (PFHpA) | -- | NG/L | 5.99 | 1.59 J | 2.23 | 29.9 | 29.8 | 0.73 J |
| Perfluorohexanesulfonic acid (PFHxS) | -- | NG/L | 3.99 | 2.29 | 1.28 J | 28.5 | 29.8 | 1.63 U |
| Perfluorohexanoic acid (PFHxA) | -- | NG/L | 9.01 | 1.47 J | 3.09 | 89.4 | 89.4 | 1.75 |
| Perfluorononanesulfonic Acid (PFNS) | -- | NG/L | 1.63 U | 1.61 U | 1.61 U | 1.66 U | 1.73 U | 1.63 U |
| Perfluorononanoic acid (PFNA) | -- | NG/L | 1.36 J | 0.86 J | 1.61 U | 1.22 J | 0.97 J | 1.63 U |
| Perfluorooctane Sulfonamide (FOSA) | -- | NG/L | 1.63 U | 1.61 U | 1.61 U | 1.66 U | 1.73 U | 1.63 U |
| Perfluorooctanesulfonic acid (PFOS) | **2.7** | NG/L | **12.4** | **7.14** | **4.19** | **9.13** | **7.52** | 2.02 |
| Perfluorooctanoic acid (PFOA) | **6.7** | NG/L | **30.4** | **24.4** | **17.1** | **111** | **110** | 4.37 |

**Table 13. Summary of Per- and Polyfluoroalkyl Substances in Groundwater, 310 East 161st Street, Bronx, New York**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Sample Designation: | ETMW-01 | ETMW-02 | ETMW-03 | ETMW-04 | ETMW-04 | ETMW-05 |
| | | Sample Date: | 02/11/2026 | 02/11/2026 | 01/29/2026 | 02/11/2026 | 02/11/2026 | 02/11/2026 |
| | | Normal Sample or Field Duplicate: | N | N | N | N | FD | N |
| Parameter | NYSDEC Ambient Water Quality Standards and Guidance Values | Units | | | | | | |
| Perfluoropentanesulfonic Acid (PFPeS) | -- | NG/L | 0.58 J | 1.61 U | 1.61 U | 3.84 | 3.85 | 1.63 U |
| Perfluoropentanoic Acid (PFPeA) | -- | NG/L | 10.8 | 1.08 J | 3.05 | 87.8 | 88.9 | 1.95 |
| Perfluorotetradecanoic acid (PFTA) | -- | NG/L | 1.63 U | 1.61 U | 1.61 U | 1.66 U | 1.73 U | 1.63 U |
| Perfluorotridecanoic Acid (PFTriA) | -- | NG/L | 1.63 U | 1.61 U | 1.61 U | 1.66 U | 1.73 U | 1.63 U |
| Perfluoroundecanoic Acid (PFUnA) | -- | NG/L | 1.63 U | 1.61 U | 1.61 U | 1.66 U | 1.73 U | 1.63 U |
| Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2) | -- | NG/L | 3.27 U | 3.22 U | 3.22 U | 3.32 U | 3.45 U | 3.25 U |
| Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2) | -- | NG/L | 3.27 U | 3.22 U | 3.22 U | 3.32 U | 3.45 U | 3.25 U |
| Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2) | -- | NG/L | 3.27 U | 3.22 U | 3.22 U | 3.32 U | 3.45 U | 3.25 U |

**Table 14. Summary of Volatile Organic Compounds in Soil Vapor, 310 East 161st Street, Bronx, New York**

| Sample Designation: | | AMB_012926_SV | ETSV-01 | ETSV-02 | ETSV-03 | ETSV-04 | ETSV-05 | ETSV-06 | ETSV-06 |
|---|---|---|---|---|---|---|---|---|---|
| Sample Date: | | 01/29/2026 | 01/29/2026 | 02/13/2026 | 01/29/2026 | 01/29/2026 | 01/29/2026 | 01/29/2026 | 01/29/2026 |
| Normal Sample or Field Duplicate: | | N | N | N | N | N | N | N | FD |
| Parameter | Units | | | | | | | | |
| 1,1,1-Trichloroethane (TCA) | UG/M3 | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U |
| 1,1,2,2-Tetrachloroethane | UG/M3 | 1.4 U | 1.4 U | 1.4 U | 1.4 U | 1.4 U | 1.4 U | 1.4 U | 1.4 U |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | UG/M3 | **0.48 J** | 1.5 U | 1.5 U | **0.45 J** | 1.5 U | 1.5 U | **0.47 J** | 1.5 U |
| 1,1,2-Trichloroethane | UG/M3 | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U |
| 1,1-Dichloroethane | UG/M3 | 0.81 U | 0.81 U | 0.81 U | 0.81 U | 0.81 U | 0.81 U | 0.81 U | 0.81 U |
| 1,1-Dichloroethene | UG/M3 | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| 1,2,4-Trichlorobenzene | UG/M3 | 3.7 U | 3.7 U | 3.7 U | 3.7 U | 3.7 U | 3.7 U | 3.7 U | 3.7 U |
| 1,2,4-Trimethylbenzene | UG/M3 | 0.98 U | 0.98 U | 0.98 U | 0.98 U | **9.5** | 0.98 U | 0.98 U | 0.98 U |
| 1,2-Dibromoethane (Ethylene Dibromide) | UG/M3 | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U |
| 1,2-Dichlorobenzene | UG/M3 | 1.2 U | 1.2 U | 1.2 U | 1.2 U | 1.2 U | 1.2 U | 1.2 U | 1.2 U |
| 1,2-Dichloroethane | UG/M3 | 0.81 U | 0.81 U | 0.81 U | 0.81 U | 0.81 U | 0.81 U | 0.81 U | 0.81 U |
| 1,2-Dichloropropane | UG/M3 | 0.92 U | 0.92 U | 0.92 U | 0.92 U | 0.92 U | 0.92 U | 0.92 U | 0.92 U |
| 1,2-Dichlorotetrafluoroethane | UG/M3 | 1.4 U | **2.4** | 1.4 U | 1.4 U | 1.4 U | 1.4 U | **2.9** | **3.3** |
| 1,3,5-Trimethylbenzene (Mesitylene) | UG/M3 | 0.98 U | 0.98 U | 0.98 U | 0.98 U | **1.8** | 0.98 U | 0.98 U | 0.98 U |
| 1,3-Butadiene | UG/M3 | 0.44 U | 0.44 U | 0.44 U | 0.44 U | **0.19 J** | 0.44 U | 0.44 U | 0.44 U |
| 1,3-Dichlorobenzene | UG/M3 | 1.2 U | 1.2 U | 1.2 U | 1.2 U | 1.2 U | 1.2 U | 1.2 U | 1.2 U |
| 1,4-Dichlorobenzene | UG/M3 | 1.2 U | 1.2 U | 1.2 U | 1.2 U | 1.2 U | 1.2 U | 1.2 U | 1.2 U |
| 1,4-Dioxane (P-Dioxane) | UG/M3 | 18 U | 18 U | 18 U | 18 U | 18 U | 18 U | 18 U | 18 U |
| 2,2,4-Trimethylpentane | UG/M3 | 0.93 U | 0.93 U | 0.93 U | 0.93 U | **230** | 0.93 U | **0.87 J** | **0.32 J** |
| 2-Chlorotoluene | UG/M3 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2-Hexanone | UG/M3 | 2.1 U | 2.1 U | **0.79 J** | 2.1 U | 2.1 U | 2.1 U | **0.75 J** | 2.1 U |
| 4-Ethyltoluene | UG/M3 | 0.98 U | 0.98 U | 0.98 U | 0.98 U | **2** | 0.98 U | 0.98 U | 0.98 U |
| Acetone | UG/M3 | **6 J** | **24** | **47** | **49** | **34** | **91 D** | **32** | **25** |
| Allyl Chloride (3-Chloropropene) | UG/M3 | 1.6 U | 1.6 U | 1.6 U | 1.6 U | 1.6 U | 1.6 U | 1.6 U | 1.6 U |
| Benzene | UG/M3 | **0.86** | 0.64 U | **0.54 J** | **0.96** | **0.62 J** | **1.1** | **1.2** | **1.2** |
| Benzyl Chloride | UG/M3 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Bromodichloromethane | UG/M3 | 1.3 U | 1.3 U | 1.3 U | 1.3 U | 1.3 U | 1.3 U | 1.3 U | 1.3 U |
| Bromoform | UG/M3 | 2.1 U | 2.1 U | 2.1 U | 2.1 U | 2.1 U | 2.1 U | 2.1 U | 2.1 U |
| Bromomethane | UG/M3 | 0.78 U | 0.78 U | 0.78 U | 0.78 U | 0.78 U | 0.78 U | 0.78 U | 0.78 U |
| Butane | UG/M3 | **2.6** | **8** | **7.5** | **6.1** | **8** | **12** | **7.3** | **8.3** |
| Carbon Disulfide | UG/M3 | 1.6 U | **0.86 J** | **1.1 J** | **3.8** | **0.76 J** | **1.6** | **3.4** | **4.7** |
| Carbon Tetrachloride | UG/M3 | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| Chlorobenzene | UG/M3 | 0.92 U | 0.92 U | 0.92 U | 0.92 U | 0.92 U | 0.92 U | 0.92 U | 0.92 U |
| Chlorodifluoromethane | UG/M3 | 1.8 U | 1.8 U | 1.8 U | 1.8 U | 1.8 U | 1.8 U | 1.8 U | 1.8 U |
| Chloroethane | UG/M3 | 1.3 U | 1.3 U | 1.3 U | 1.3 U | 1.3 U | 1.3 U | 1.3 U | 1.3 U |
| Chloroform | UG/M3 | 0.98 U | **0.27 J** | **0.35 J** | **0.35 J** | **2.8** | **0.65 J** | **1.4** | **1.9** |

**Table 14. Summary of Volatile Organic Compounds in Soil Vapor, 310 East 161st Street, Bronx, New York**

| Sample Designation: | | AMB_012926_SV | ETSV-01 | ETSV-02 | ETSV-03 | ETSV-04 | ETSV-05 | ETSV-06 | ETSV-06 |
|---|---|---|---|---|---|---|---|---|---|
| Sample Date: | | 01/29/2026 | 01/29/2026 | 02/13/2026 | 01/29/2026 | 01/29/2026 | 01/29/2026 | 01/29/2026 | 01/29/2026 |
| Normal Sample or Field Duplicate: | | N | N | N | N | N | N | N | FD |
| Parameter | Units | | | | | | | | |
| Chloromethane | UG/M3 | **0.38 J** | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Cis-1,2-Dichloroethylene | UG/M3 | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| Cis-1,3-Dichloropropene | UG/M3 | 0.91 U | 0.91 U | 0.91 U | 0.91 U | 0.91 U | 0.91 U | 0.91 U | 0.91 U |
| Cyclohexane | UG/M3 | 0.69 U | 0.69 U | 0.69 U | **0.68 J** | **41** | **0.76** | **0.8** | **0.88** |
| Cymene | UG/M3 | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U |
| Dibromochloromethane | UG/M3 | 1.7 U | 1.7 U | 1.7 U | 1.7 U | 1.7 U | 1.7 U | 1.7 U | 1.7 U |
| Dichlorodifluoromethane | UG/M3 | **2.4 J** | **5** | **2.6** | **5.5** | **3.4** | **27** | **2.8** | **3** |
| Ethylbenzene | UG/M3 | 0.87 U | 0.87 U | 0.87 U | 0.87 U | **2.9** | 0.87 U | 0.87 U | 0.87 U |
| Hexachlorobutadiene | UG/M3 | 2.1 U | 2.1 U | 2.1 U | 2.1 U | 2.1 U | 2.1 U | 2.1 U | 2.1 U |
| Isopropanol | UG/M3 | 12 U | 12 U | 12 U | 12 U | 12 U | 12 U | 12 U | 12 U |
| Isopropylbenzene (Cumene) | UG/M3 | 0.98 U | 0.98 U | 0.98 U | 0.98 U | **0.62 J** | 0.98 U | 0.98 U | 0.98 U |
| m,p-Xylene | UG/M3 | 2.2 U | 2.2 U | 2.2 U | 2.2 U | **6.9** | 2.2 U | **0.61 J** | 2.2 U |
| Methyl Ethyl Ketone (2-Butanone) | UG/M3 | 1.5 U | **8.6** | **30** | **72 D** | **66** | **140 D** | **49** | **50** |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | UG/M3 | 2.1 U | 2.1 U | 2.1 U | 2.1 U | 2.1 U | 2.1 U | 2.1 U | 2.1 U |
| Methyl Methacrylate | UG/M3 | 2.1 U | 2.1 U | 2.1 U | 2.1 U | 2.1 U | 2.1 U | 2.1 U | 2.1 U |
| Methylene Chloride | UG/M3 | 1.7 U | 1.7 U | 1.7 U | 1.7 U | 1.7 U | 1.7 U | 1.7 U | 1.7 U |
| Naphthalene | UG/M3 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| N-Butylbenzene | UG/M3 | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U |
| N-Heptane | UG/M3 | 0.82 U | 0.82 U | 0.82 U | **0.76 J** | **1.8** | **0.78 J** | **0.92** | **0.62 J** |
| N-Hexane | UG/M3 | **0.4 J** | 1.8 U | **0.72 J** | **2** | **2.3** | **3.1** | **2** | **2.7** |
| N-Propylbenzene | UG/M3 | 0.98 U | 0.98 U | 0.98 U | 0.98 U | **1.7** | 0.98 U | 0.98 U | 0.98 U |
| O-Xylene (1,2-Dimethylbenzene) | UG/M3 | 0.87 U | 0.87 U | 0.87 U | 0.87 U | **2.9** | 0.87 U | 0.87 U | 0.87 U |
| Sec-Butylbenzene | UG/M3 | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U |
| Styrene | UG/M3 | 0.85 U | 0.85 U | 0.85 U | 0.85 U | 0.85 U | 0.85 U | 0.85 U | 0.85 U |
| T-Butylbenzene | UG/M3 | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U |
| Tert-Butyl Alcohol | UG/M3 | 15 U | 15 U | 15 U | 15 U | 15 U | 15 U | 15 U | 15 U |
| Tert-Butyl Methyl Ether | UG/M3 | 0.72 U | 0.72 U | 0.72 U | 0.72 U | 0.72 U | 0.72 U | 0.72 U | 0.72 U |
| Tetrachloroethylene (PCE) | UG/M3 | 1.4 U | 1.4 U | 1.4 U | 1.4 U | 1.4 U | **5** | **7** | **4.2** |
| Tetrahydrofuran | UG/M3 | 15 U | 15 U | 15 U | 15 U | 15 U | 15 U | 15 U | 15 U |
| Toluene | UG/M3 | **0.67 J** | 0.75 U | **0.46 J** | **1** | **0.88** | **1.2** | **1.2** | **1.5** |
| Trans-1,2-Dichloroethene | UG/M3 | 0.79 U | 0.79 U | 0.79 U | 0.79 U | 0.79 U | 0.79 U | 0.79 U | 0.79 U |
| Trans-1,3-Dichloropropene | UG/M3 | 0.91 U | 0.91 U | 0.91 U | 0.91 U | 0.91 U | 0.91 U | 0.91 U | 0.91 U |
| Trichloroethylene (TCE) | UG/M3 | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | **5.2** | **3.1** | 0.2 U |
| Trichlorofluoromethane | UG/M3 | **1.1** | **3.4** | **2.1** | **5.5** | **1.9** | **1.7** | **1.1** | **1.1** |
| Vinyl Bromide | UG/M3 | 0.88 U | 0.88 U | 0.88 U | 0.88 U | 0.88 U | 0.88 U | 0.88 U | 0.88 U |
| Vinyl Chloride | UG/M3 | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |

**Table 14. Summary of Volatile Organic Compounds in Soil Vapor, 310 East 161st Street, Bronx, New York**

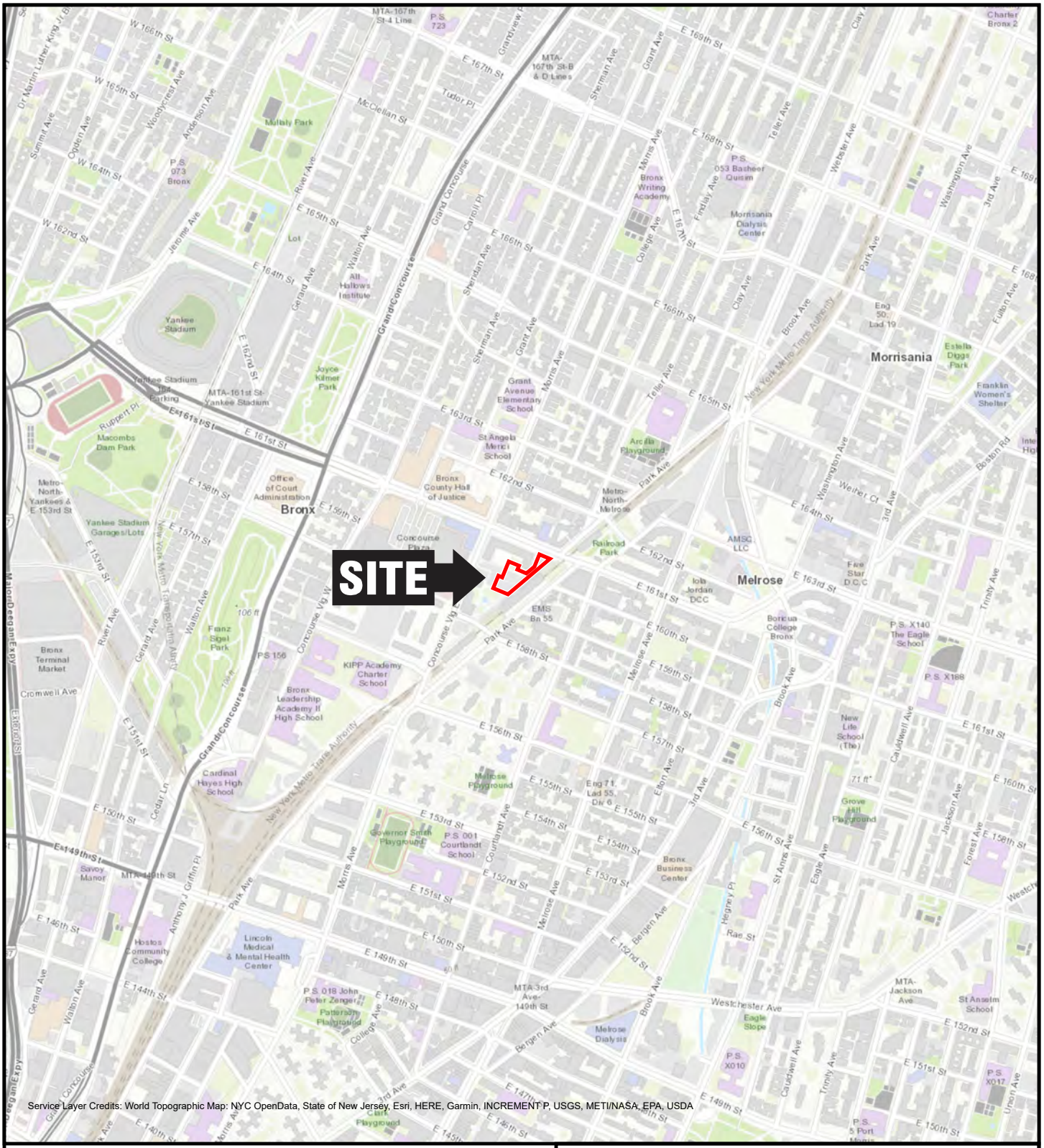
| Sample Designation: | | RX-23 | RX-3 | RX-5 |
|---|---|---|---|---|
| Sample Date: | | 09/06/2024 | 06/01/2022 | 06/01/2022 |
| Normal Sample or Field Duplicate: | | N | N | N |
| Parameter | Units | | | |
| 1,1,1-Trichloroethane (TCA) | UG/M3 | 1.1 U | 5.5 U | 5.5 U |
| 1,1,2,2-Tetrachloroethane | UG/M3 | 1.4 U | 6.9 U | 6.9 U |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | UG/M3 | 1.5 U | 7.7 U | 7.7 U |
| 1,1,2-Trichloroethane | UG/M3 | 1.1 U | 5.5 U | 5.5 U |
| 1,1-Dichloroethane | UG/M3 | 0.81 U | 4 U | 4 U |
| 1,1-Dichloroethene | UG/M3 | 0.2 U | 1 U | 1 U |
| 1,2,4-Trichlorobenzene | UG/M3 | 3.7 U | 19 U | 19 U |
| 1,2,4-Trimethylbenzene | UG/M3 | **2.4** | **13** | **11** |
| 1,2-Dibromoethane (Ethylene Dibromide) | UG/M3 | 1.5 U | 7.7 U | 7.7 U |
| 1,2-Dichlorobenzene | UG/M3 | 1.2 U | 6 U | 6 U |
| 1,2-Dichloroethane | UG/M3 | 0.81 U | 4 U | 4 U |
| 1,2-Dichloropropane | UG/M3 | 0.92 U | 4.6 U | 4.6 U |
| 1,2-Dichlorotetrafluoroethane | UG/M3 | **1.3 J** | 7 U | 7 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | UG/M3 | **0.62 J** | **4.3 J** | **3.5 J** |
| 1,3-Butadiene | UG/M3 | 0.44 U | 2.2 U | 2.2 U |
| 1,3-Dichlorobenzene | UG/M3 | 1.2 U | 6 U | 6 U |
| 1,4-Dichlorobenzene | UG/M3 | 1.2 U | 6 U | 6 U |
| 1,4-Dioxane (P-Dioxane) | UG/M3 | 18 U | 90 U | 90 U |
| 2,2,4-Trimethylpentane | UG/M3 | **9.9** | 4.7 U | **9.2** |
| 2-Chlorotoluene | UG/M3 | 1 U | 5.2 U | 5.2 U |
| 2-Hexanone | UG/M3 | **0.67 J** | **16** | 10 U |
| 4-Ethyltoluene | UG/M3 | **0.98** | **4.2 J** | **3.2 J** |
| Acetone | UG/M3 | **24** | **28 J** | **150** |
| Allyl Chloride (3-Chloropropene) | UG/M3 | 1.6 U | 7.8 U | 7.8 U |
| Benzene | UG/M3 | **1.7** | **2.4 J** | **5.6** |
| Benzyl Chloride | UG/M3 | 1 U | 5.2 U | 5.2 U |
| Bromodichloromethane | UG/M3 | 1.3 U | 6.7 UT | 6.7 UT |
| Bromoform | UG/M3 | 2.1 U | 10 U | 10 U |
| Bromomethane | UG/M3 | 0.78 U | 3.9 U | 3.9 U |
| Butane | UG/M3 | **2.5** | 5.9 U | **1400 D** |
| Carbon Disulfide | UG/M3 | **8 B** | **7.6 J** | **25** |
| Carbon Tetrachloride | UG/M3 | 0.22 U | 1.1 U | 1.1 U |
| Chlorobenzene | UG/M3 | 0.92 U | 4.6 U | 4.6 U |
| Chlorodifluoromethane | UG/M3 | 1.8 U | 8.8 U | 8.8 U |
| Chloroethane | UG/M3 | 1.3 U | 6.6 U | 6.6 U |
| Chloroform | UG/M3 | **3.4** | 4.9 U | 4.9 U |

**Table 14. Summary of Volatile Organic Compounds in Soil Vapor, 310 East 161st Street, Bronx, New York**

| Sample Designation: | | RX-23 | RX-3 | RX-5 |
|---|---|---|---|---|
| Sample Date: | | 09/06/2024 | 06/01/2022 | 06/01/2022 |
| Normal Sample or Field Duplicate: | | N | N | N |
| Parameter | Units | | | |
| Chloromethane | UG/M3 | 1 U | 5.2 U | 5.2 U |
| Cis-1,2-Dichloroethylene | UG/M3 | **0.12 J** | 1 U | 1 U |
| Cis-1,3-Dichloropropene | UG/M3 | 0.91 U | 4.5 U | 4.5 U |
| Cyclohexane | UG/M3 | **0.21 J** | 3.4 U | 3.4 U |
| Cymene | UG/M3 | 1.1 U | 5.5 U | 5.5 U |
| Dibromochloromethane | UG/M3 | 1.7 U | 8.5 U | 8.5 U |
| Dichlorodifluoromethane | UG/M3 | **3.3** | 12 U | 12 U |
| Ethylbenzene | UG/M3 | **3.2** | **11** | **3.7 J** |
| Hexachlorobutadiene | UG/M3 | 2.1 U | 11 U | 11 U |
| Isopropanol | UG/M3 | 12 U | 61 U | 61 U |
| Isopropylbenzene (Cumene) | UG/M3 | **0.38 J** | **1.2 J** | **1.2 J** |
| m,p-Xylene | UG/M3 | **11** | **26** | **9.4 J** |
| Methyl Ethyl Ketone (2-Butanone) | UG/M3 | **3.5** | **60** | **27** |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | UG/M3 | **2.2** | 10 U | 10 U |
| Methyl Methacrylate | UG/M3 | 2 U | 10 U | 10 U |
| Methylene Chloride | UG/M3 | 1.7 U | 8.7 U | 8.7 U |
| Naphthalene | UG/M3 | 2 U | 13 U | 13 U |
| N-Butylbenzene | UG/M3 | 1.1 U | 5.5 U | 5.5 U |
| N-Heptane | UG/M3 | **2** | **2.9 J** | **190** |
| N-Hexane | UG/M3 | **0.98 J** | **18** | **280** |
| N-Propylbenzene | UG/M3 | **0.82 J** | **3.3 J** | **2.8 J** |
| O-Xylene (1,2-Dimethylbenzene) | UG/M3 | **3.2** | **10** | **4.7** |
| Sec-Butylbenzene | UG/M3 | 1.1 U | 5.5 U | **1.6 J** |
| Styrene | UG/M3 | **0.56 J** | 4.3 U | 4.3 U |
| T-Butylbenzene | UG/M3 | 1.1 U | 5.5 U | 5.5 U |
| Tert-Butyl Alcohol | UG/M3 | **7.7 J** | 76 U | 76 U |
| Tert-Butyl Methyl Ether | UG/M3 | 0.72 U | 3.6 U | 3.6 U |
| Tetrachloroethylene (PCE) | UG/M3 | **3.1** | **96** | **2.1 J** |
| Tetrahydrofuran | UG/M3 | 15 U | 74 U | 74 U |
| Toluene | UG/M3 | **9** | **1400 D** | **9.9** |
| Trans-1,2-Dichloroethene | UG/M3 | 0.79 U | 4 U | 4 U |
| Trans-1,3-Dichloropropene | UG/M3 | 0.91 U | 4.5 U | 4.5 U |
| Trichloroethylene (TCE) | UG/M3 | **0.54** | 1 U | 1 U |
| Trichlorofluoromethane | UG/M3 | **6.5** | 5.6 U | 5.6 U |
| Vinyl Bromide | UG/M3 | 0.87 U | 4.4 U | 4.4 U |
| Vinyl Chloride | UG/M3 | 0.2 U | 1 U | 1 U |

# FIGURES

1. Site Location Map
2. Tax Map
3. Existing Conditions
4. Adjacent Property Owners
5. Surrounding Land Use and Sensitive Receptors
6. Previous Investigation Soil Sample Exceedances
7. Previous Investigation Groundwater Sample Exceedance
8. Previous Investigation Soil Vapor Detections
9. Site Plan with Sampling Locations
10. Remedial Investigation Soil Sample Exceedances
11. Remedial Investigation Groundwater Exceedances
12. Remedial Investigation Soil Vapor Detections
13. Groundwater Contour Map




QUADRANGLE LOCATION




LEGEND

SITE BOUNDARY

N

1,000 0 1,000'

Title:

# SITE LOCATION MAP

310 EAST 161ST STREET
BRONX, NEW YORK 10451

Prepared for:

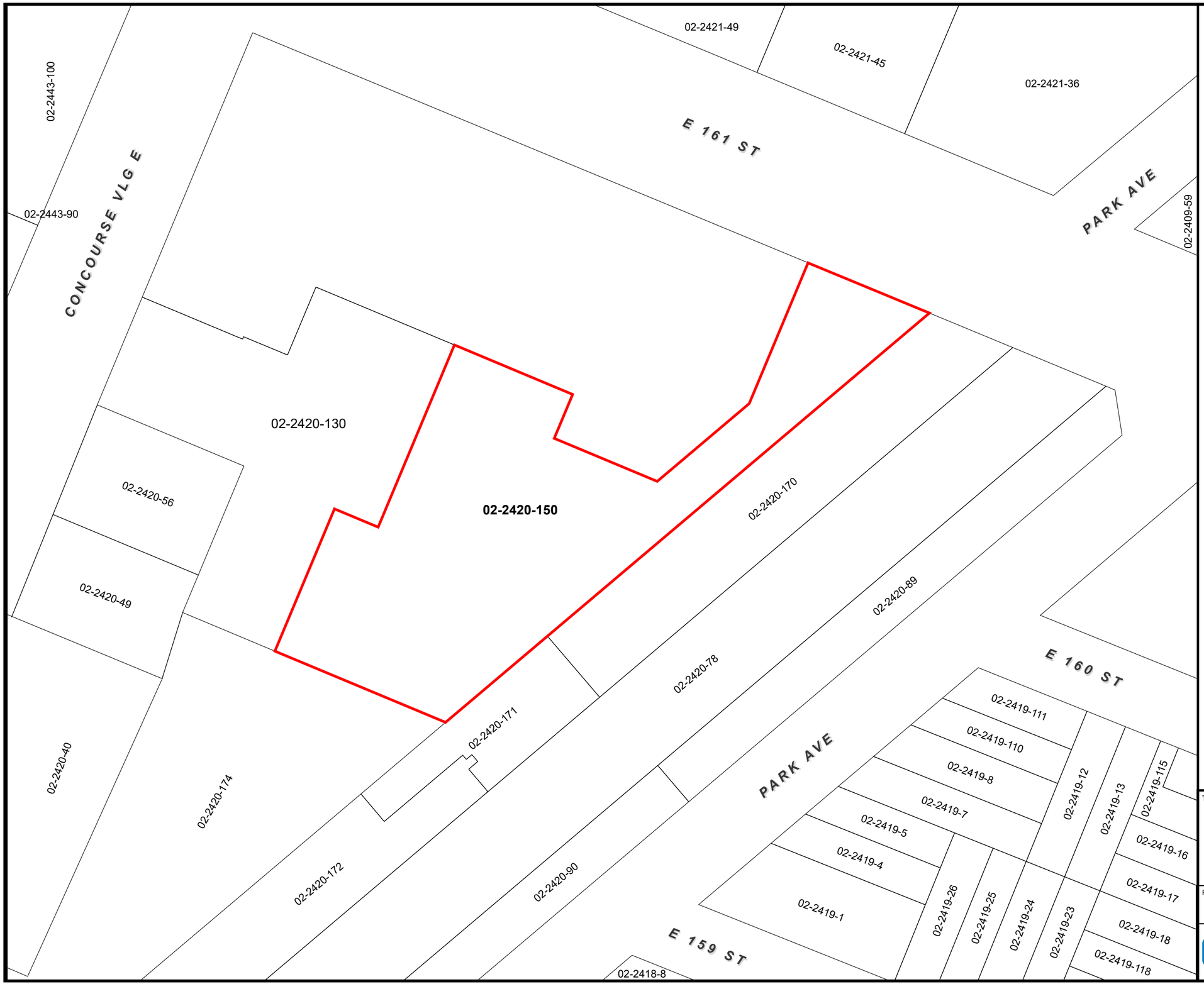
TEG MORRISANIA DEVELOPMENT LLC

ROUX

| | |
|---|---|
| Compiled by: P.P. | Date: 03/24/26 |
| Prepared by: M.S.R. | Scale: AS SHOWN |
| Project Mgr: L.D. | Project: 3868.0005Y000 |
| File: 3868.0005Y106.1.APRX | |

FIGURE 1

V:\GIS\PROJECTS\3868\0005Y\PRO\38680005Y.APRX




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N

LEGEND

- SITE BOUNDARY
- PARCEL BOUNDARY

NOTES

1. TAX MAP SOURCE: NYC DEPARTMENT OF CITY PLANNING, INFORMATION TECHNOLOGY DIVISION

PARCEL NUMBER

**02-2420-150**

BOROUGH BLOCK LOT

60 0 60'

Title:

# TAX MAP

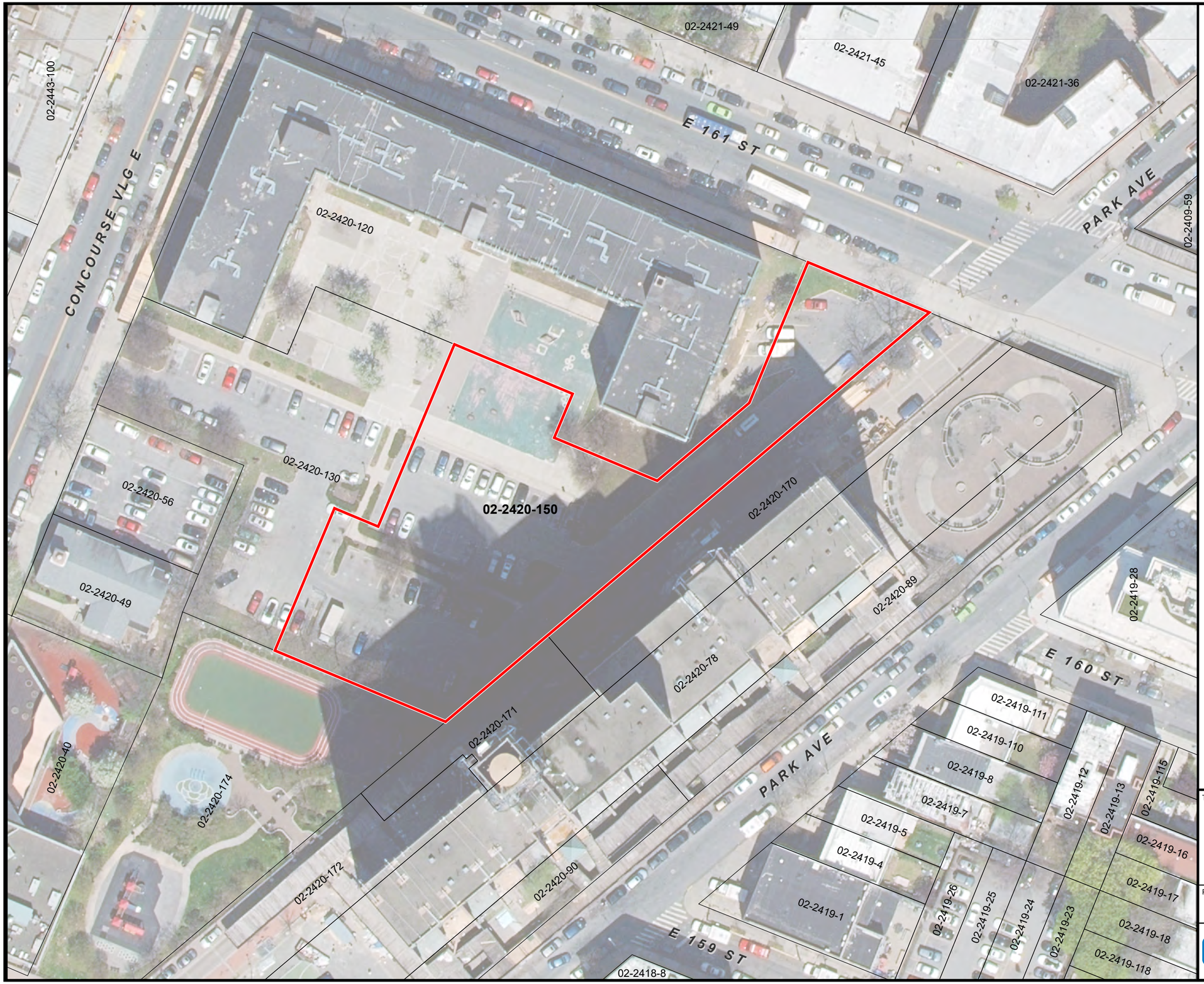
310 EAST 161ST STREET
BRONX, NEW YORK 10451

Prepared for:

TEG MORRISANIA DEVELOPMENT LLC

ROUX

| | | |
|---|---|---|
| Compiled by: P.P. | Date: 03/24/26 | FIGURE |
| Prepared by: M.S.R. | Scale: AS SHOWN | 2 |
| Project Mgr: L.D. | Project: 3868.0005Y000 | |
| File: 3868.0005Y106.02.APRX | | |




N

LEGEND

- SITE BOUNDARY
- PARCEL BOUNDARY

NOTES

1. TAX MAP SOURCE: NYC DEPARTMENT OF CITY PLANNING, INFORMATION TECHNOLOGY DIVISION
2. AERIAL SOURCE: NYS OFFICE OF INFORMATION TECHNOLOGY SERVICES GIS PROGRAM OFFICE (GPO)

PARCEL NUMBER
**02-2420-150**
BOROUGH BLOCK LOT

60 0 60'

Title:

# EXISTING CONDITIONS

310 EAST 161ST STREET
BRONX, NEW YORK 10451

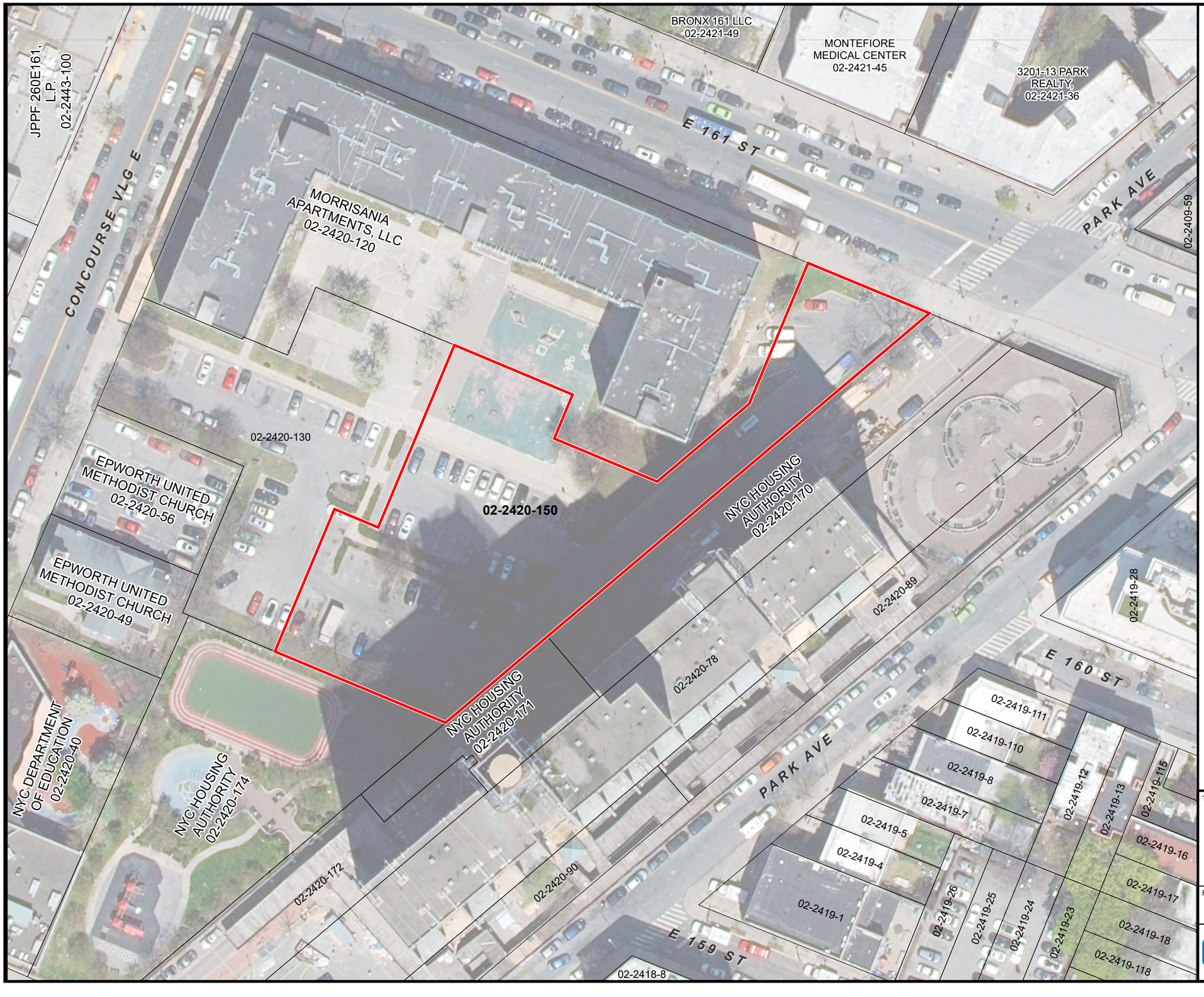
Prepared for:

TEG MORRISANIA DEVELOPMENT LLC

ROUX

| | | |
|---|---|---|
| Compiled by: P.P. | Date: 03/25/26 | FIGURE |
| Prepared by: M.S.R. | Scale: AS SHOWN | 3 |
| Project Mgr: L.D. | Project: 3868.0005Y000 | |
| File: 3868.0005Y106.03.APRX | | |

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N

LEGEND

- SITE BOUNDARY
- PARCEL BOUNDARY

NOTES

1. TAX MAP SOURCE: NYC DEPARTMENT OF CITY PLANNING, INFORMATION TECHNOLOGY DIVISION
2. AERIAL SOURCE: NYS OFFICE OF INFORMATION TECHNOLOGY SERVICES GIS PROGRAM OFFICE (GPO)

PARCEL NUMBER
**02-2420-150**
BOROUGH BLOCK LOT

60 0 60'

Title:

# ADJACENT LAND OWNERS

310 EAST 161ST STREET
BRONX, NEW YORK 10451

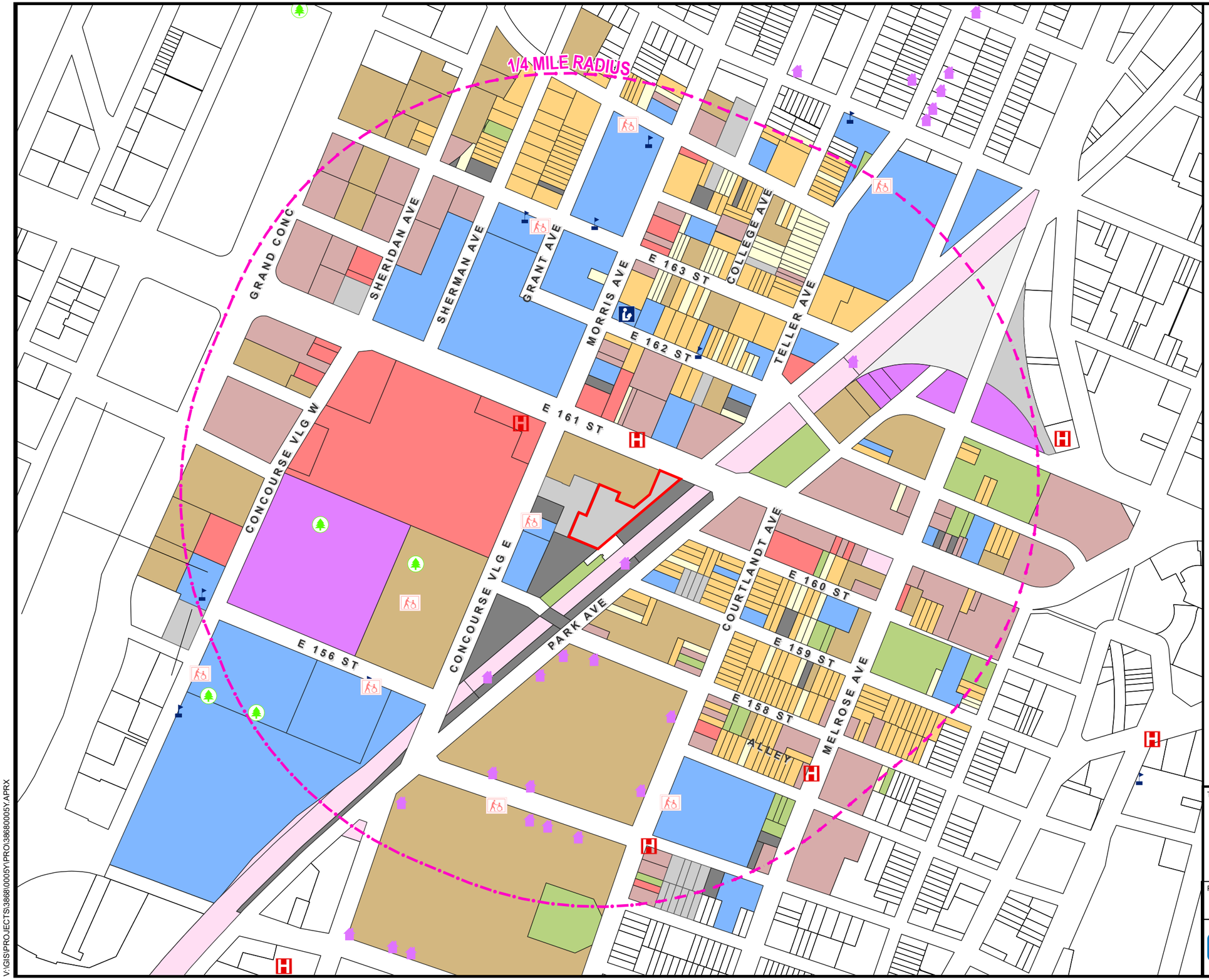
Prepared for:

TEG MORRISANIA DEVELOPMENT LLC

ROUX

| | | |
|---|---|---|
| Compiled by: P.P. | Date: 03/24/26 | FIGURE |
| Prepared by: M.S.R. | Scale: AS SHOWN | 4 |
| Project Mgr: L.D. | Project: 3868.0005Y000 | |
| File: 3868.0005Y106.04.APRX | | |

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LEGEND

- 1/4 MILE RADIUS AROUND SITE
- SITE BOUNDARY
- PARCEL BOUNDARY

**SENSITIVE RECEPTORS**

- SCHOOLS (K-12)
- PUBLIC HOUSING
- PARKS AND PLAZAS
- LIBRARIES
- HEALTH CARE
- DAY CARE AND PRE-KINDERGARTEN

**DCP LAND USE CATEGORIES**

- ALL OTHERS OR NO DATA
- ONE & TWO FAMILY BUILDINGS
- MULTI-FAMILY WALK-UP BUILDINGS
- MULTI-FAMILY ELEVATOR BUILDINGS
- MIXED COMMERCIAL & RESIDENTIAL BUILDINGS
- COMMERCIAL & OFFICE BUILDINGS
- INDUSTRIAL & MANUFACTURING
- TRANSPORATION & UTILITY
- PUBLIC FACILITIES & INSTITUTIONS
- OPEN SPACE & OUTDOOR RECREATION
- PARKING FACILITIES
- VACANT LAND

N

NOTES

1. TAX MAP SOURCE: LAND USE AND SENSITIVE RECEPTORS DEPARTMENT OF CITY PLANNING NEW YORK- ZOLA

350 0 350'

Title:

# LAND USE AND SENSITIVE RECEPTORS MAP

310 EAST 161ST STREET
BRONX, NEW YORK 10451

Prepared for:

TEG MORRISANIA DEVELOPMENT LLC

ROUX

| | | |
|---|---|---|
| Compiled by: P.P. | Date: 03/24/26 | FIGURE |
| Prepared by: M.S.R. | Scale: AS SHOWN | 5 |
| Project Mgr: L.D. | Project: 3868.0005Y000 | |
| File: 3868.0005Y106.05.APRX | | |

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| RX-14 | 12/18/2023 |
|---|---|
| Depth (ft bls) | 1 - 3 ft |
| Metals | |
| Lead | 75.1 |

| RX-23 | 09/06/2024 | 09/06/2024 |
|---|---|---|
| Depth (ft bls) | 5 - 7 ft | 10 - 12 ft |
| VOCs | | |
| Acetone | 0.043 | 0.18 |
| SVOCs | | |
| Benzo(B)Fluoranthene | NE | 1.1 |
| Indeno(1,2,3-C,D)Pyrene | NE | 0.54 |
| Phenanthrene | 1.3 | 1.9 |
| Metals | | |
| Lead | 249 | 264 |
| Zinc | 185 | 211 |

| RX-18 | 02/15/2024 |
|---|---|
| Depth (ft bls) | 3 - 4 ft |
| VOCs | |
| 1,2,4-Trimethylbenzene | 9.6 |

| RX-22 | 09/05/2024 |
|---|---|
| Depth (ft bls) | 5 - 6 ft |
| VOCs | |
| Acetone | 0.1 |
| Metals | |
| Barium | 443 |
| Lead | 248 |
| Mercury | 0.21 |
| Zinc | 311 |

| RX-25 | 09/06/2024 |
|---|---|
| Depth (ft bls) | 3 - 5 ft |
| VOCs | |
| Acetone | 0.038 |
| SVOCs | |
| Benzo(A)Anthracene | 1.3 |
| Benzo(A)Pyrene | 1.5 |
| Benzo(B)Fluoranthene | 1.9 |
| Benzo(K)Fluoranthene | 0.97 |
| Chrysene | 1.6 |
| Indeno(1,2,3-C,D)Pyrene | 0.65 |
| Phenanthrene | 2 |
| Metals | |
| Lead | 201 |
| Manganese | 5800 |
| Mercury | 0.24 |
| Zinc | 160 |

| RX-21 | 02/15/2024 |
|---|---|
| Depth (ft bls) | 10 - 12 ft |
| Metals | |
| Copper | 83.6 |
| Lead | 665 |
| Mercury | 0.35 |
| Zinc | 250 |

| RX-24 | 09/06/2024 | 09/06/2024 |
|---|---|---|
| Depth (ft bls) | 7 - 8 ft | 14 - 15 ft |
| SVOCs | | |
| Benzo(A)Anthracene | 1.5 | ND |
| Benzo(A)Pyrene | 1.5 | ND |
| Benzo(B)Fluoranthene | 1.7 | ND |
| Chrysene | 1.7 | ND |
| Indeno(1,2,3-C,D)Pyrene | 0.59 | ND |
| Phenanthrene | 2.7 | NE |
| Metals | | |
| Beryllium | NE | 4.8 |
| Cadmium | NE | 3.5 |
| Manganese | NE | 5790 |
| Nickel | NE | 34.2 |
| Zinc | 116 | 310 |

| RX-5 | 05/31/2022 | 05/31/2022 |
|---|---|---|
| Depth (ft bls) | 0 - 2 ft | 10 - 12 ft |
| VOCs | | |
| Acetone | 0.035 | ND |
| SVOCs | | |
| Benzo(A)Anthracene | 1.1 | ND |
| Benzo(B)Fluoranthene | 1.4 | ND |
| Chrysene | 1.1 | ND |
| Indeno(1,2,3-C,D)Pyrene | 0.81 | ND |
| Phenanthrene | 2.1 | ND |
| Metals | | |
| Lead | 144 | NE |
| Zinc | 147 | NE |
| Pesticides/Herbicides | | |
| cis-Chlordane | 0.022 | ND |
| P,P'-DDD | 0.0071 | ND |
| P,P'-DDE | 0.0039 J | ND |

| RX-19 | 02/15/2024 |
|---|---|
| Depth (ft bls) | 3 - 5 ft |
| Metals | |
| Lead | 138 |
| Zinc | 155 |

| RX-20 | 02/15/2024 |
|---|---|
| Depth (ft bls) | 6 - 8 ft |
| Metals | |
| Chromium, Total | 31.2 |
| Mercury | 0.42 |
| Zinc | 1060 |

| RX-15 | 12/19/2023 | 12/19/2023 |
|---|---|---|
| Depth (ft bls) | 0 - 2 ft | 2 - 4 ft |
| Metals | | |
| Chromium, Total | NE | 37.8 |
| Nickel | NE | 34.3 |

| RX-17 | 12/19/2023 | 12/19/2023 |
|---|---|---|
| Depth (ft bls) | 0 - 2 ft | 4 - 6 ft |
| Metals | | |
| Lead | NE | 391 |
| Mercury | NE | 2.5 |
| Zinc | NE | 189 |

| RX-16 | 12/19/2023 | 12/19/2023 |
|---|---|---|
| Depth (ft bls) | 0 - 2 ft | 2 - 4 ft |
| SVOCs | | |
| Benzo(B)Fluoranthene | NE | 1.2 |
| Benzo(G,H,I)Perylene | NE | 0.99 T |
| Dibenz(A,H)Anthracene | NE | 0.48 |
| Indeno(1,2,3-C,D)Pyrene | 0.61 | 1 |
| Metals | | |
| Copper | 64.7 | NE |
| Lead | 84.8 | 122 |
| Zinc | NE | 117 |

LEGEND

- LOCATION AND DESIGNATION OF SOIL BORING LOCATION
- LOCATION AND DESIGNATION OF SOIL BORING/SOIL VAPOR POINT LOCATION
- LOCATION AND DESIGNATION OF SOIL BORING/PERMANENT MONITORING WELL LOCATION
- 2024 EAST TOWER SUPPLEMENTAL BCP ELIGIBILITY SOIL BORING
- 2024 EAST TOWER SUPPLEMENTAL BCP ELIGIBILITY SOIL VAPOR POINT
- MONITORING WELL INSTALLED BY MUESER RUTLEDGE
- 2022 PHASE II ESA SOIL BORING
- 2022 PHASE II ESA SOIL BORING AND SOIL VAPOR POINT
- 2023 BCP ELIGIBILITY SOIL BORING
- 2024 SUPPLEMENTAL BCP ELIGIBILITY SOIL BORING
- FUTURE BUILDING CELLAR/ FIRST FLOOR FOOTPRINT
- APPROXIMATE LOCATION OF 550-GALLON UST
- SITE BOUNDARY

**AREA OF CONCERN (AOC)**

- AOC 1: FORMER FILLING STATION
- AOC 2: FORMER AUTO REPAIR SHOP (SEE NOTE 4)
- AOC 3: FORMER GARAGE, WELDING, AND BOILER REPAIR SHOP (SEE NOTE 5)
- AOC 4: FILL MATERIAL

| Parameter | NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives | NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives | NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives | Units |
|---|---|---|---|---|
| VOCs | | | | |
| 1,2,4-Trimethylbenzene | 5.9 | 100 | 5.9 | mg/kg |
| Acetone | 0.03 | 100 | 0.03 | mg/kg |
| SVOCs | | | | |
| Benzo(A)Anthracene | 1 | 1.4 | 1 | mg/kg |
| Benzo(A)Pyrene | 1 | 1 | 22 | mg/kg |
| Benzo(B)Fluoranthene | 1 | 1.4 | 2.1 | mg/kg |
| Benzo(G,H,I)Perylene | 0.64 | 4.9 | 1000 | mg/kg |
| Benzo(K)Fluoranthene | 0.8 | 4.9 | 2 | mg/kg |
| Chrysene | 1 | 4.9 | 1 | mg/kg |
| Dibenz(A,H)Anthracene | 0.33 | 0.33 | 1000 | mg/kg |
| Indeno(1,2,3-C,D)Pyrene | 0.5 | 1.4 | 6.6 | mg/kg |
| Phenanthrene | 1.1 | 4.9 | 1000 | mg/kg |
| Metals | | | | |
| Barium | 410 | 410 | 820 | mg/kg |
| Beryllium | 4.4 | 43 | 47 | mg/kg |
| Cadmium | 2.5 | 2.5 | 7.5 | mg/kg |
| Chromium, Total | 30 | 110 | -- | mg/kg |
| Copper | 50 | 280 | 1720 | mg/kg |
| Lead | 63 | 400 | 450 | mg/kg |
| Manganese | 1600 | 2000 | 2000 | mg/kg |
| Mercury | 0.18 | 0.3 | 0.73 | mg/kg |
| Nickel | 30 | 320 | 130 | mg/kg |
| Zinc | 109 | 6600 | 2480 | mg/kg |
| Pesticides/Herbicides | | | | |
| cis-Chlordane | 0.014 | 0.65 | 4.5 | mg/kg |
| P,P'-DDD | 0.0033 | 5 | 14 | mg/kg |
| P,P'-DDE | 0.0033 | 3.4 | 9.3 | mg/kg |

NOTES

1. AERIAL SOURCE: NYS OFFICE OF INFORMATION TECHNOLOGY SERVICES GIS PROGRAM OFFICE (GPO)
2. 550 GALLON UST IS REFERENCED IN THE 1951 AND 1969 SANBORN MAP AND THE PRESENCE AND LOCATION OF THE UST HAS NOT BEEN FIELD CONFIRMED VIA GEOPHYSICAL SURVEY OR TEST PIT
3. 550 GALLON UST IS REFERENCED IN THE 1951 AND 1969 SANBORN MAP AND THE PRESENCE AND LOCATION OF THE UST HAS BEEN FIELD CONFIRMED VIA GEOPHYSICAL SURVEY AND TEST PIT

ESA - ENVIRONMENTAL SITE ASSESSMENT
BCP - BROWNFIELD CLEANUP PROGRAM
MG/KG - MILLIGRAMS PER KILOGRAM
MG/KG - MICROGRAMS PER KILOGRAM
NYSDEC - NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
-- NO NYSDEC PART 375 SOIL CLEANUP OBJECTIVES AVAILABLE
J - ESTIMATED VALUE
DUP - DUPLICATE SAMPLE
VOCS - VOLATILE ORGANIC COMPOUNDS
SVOCS - SEMIVOLATILE ORGANIC COMPOUNDS
PCBS - POLYCHLORINATED BIPHENYLS
PFAS - PER- AND POLYFLUOROALKYL SUBSTANCES
NE - NO EXCEEDANCE
ND - NO DETECTION
NA - COMPOUND WAS NOT ANALYZED BY LABORATORY
FT BLS - FEET BELOW LAND SURFACE

40 0 40'

Title:

# PREVIOUS INVESTIGATION SOIL SAMPLE EXCEEDANCES

310 EAST 161ST STREET
BRONX, NEW YORK 10451

Prepared for:

TEG MORRISANIA DEVELOPMENT LLC

ROUX

| | |
|---|---|
| Compiled by: P.P. | Date: 03/24/26 |
| Prepared by: M.S.R. | Scale: AS SHOWN |
| Project Mgr: L.D. | Project: 3868.0005Y000 |
| File: 3868.0005Y106.06.mxd | |

FIGURE 6

V:\GIS\PROJECTS\3868\0005Y\PRO\3868000 5Y.APRX




| RX-8G | 06/07/2022 |
|---|---|
| **Metals, Total** | |
| Iron | **3220** |
| Magnesium | **135000** |
| Manganese | **1170** |
| Sodium | **44100** |
| **Metals, Dissolved** | |
| Magnesium | **53500** |
| Sodium | **42300** |

LEGEND

- LOCATION AND DESIGNATION OF SOIL BORING LOCATION
- LOCATION AND DESIGNATION OF SOIL BORING/SOIL VAPOR POINT LOCATION
- LOCATION AND DESIGNATION OF SOIL BORING/PERMANENT MONITORING WELL LOCATION
- 2024 EAST TOWER SUPPLEMENTAL BCP ELIGIBILITY SOIL BORING
- 2024 EAST TOWER SUPPLEMENTAL BCP ELIGIBILITY SOIL VAPOR POINT
- MONITORING WELL INSTALLED BY MUESER RUTLEDGE
- 2022 PHASE II ESA SOIL BORING
- 2022 PHASE II ESA SOIL BORING AND SOIL VAPOR POINT
- 2023 BCP ELIGIBILITY SOIL BORING
- 2024 SUPPLEMENTAL BCP ELIGIBILITY SOIL BORING
- FUTURE BUILDING CELLAR/ FIRST FLOOR FOOTPRINT
- APPROXIMATE LOCATION OF 550-GALLON UST
- SITE BOUNDARY

**AREA OF CONCERN (AOC)**

- AOC 1: FORMER FILLING STATION
- AOC 2: FORMER AUTO REPAIR SHOP (SEE NOTE 4)
- AOC 3: FORMER GARAGE, WELDING, AND BOILER REPAIR SHOP (SEE NOTE 5)
- AOC 4: FILL MATERIAL

| Parameter | NYSDEC AWQSGV | Units |
|---|---|---|
| **Metals, Total** | | |
| Iron | **300** | µg/L |
| Magnesium | **35000** | µg/L |
| Manganese | **300** | µg/L |
| Sodium | **20000** | µg/L |
| **Metals, Dissolved** | | |
| Magnesium | **35000** | µg/L |
| Sodium | **20000** | µg/L |

NOTES

1. AERIAL SOURCE: NYS OFFICE OF INFORMATION TECHNOLOGY SERVICES GIS PROGRAM OFFICE (GPO)
2. ESA - ENVIRONMENTAL SITE ASSESSMENT
3. BCP - BROWNFIELD CLEANUP PROGRAM
4. 550 GALLON UST IS REFERENCED IN THE 1951 AND 1969 SANBORN MAP AND THE PRESENCE AND LOCATION OF THE UST HAS NOT BEEN FIELD CONFIRMED VIA GEOPHYSICAL SURVEY OR TEST PIT
5. 550 GALLON UST IS REFERENCED IN THE 1951 AND 196 SANBORN MAP AND THE PRESENCE AND LOCATION OF THE UST HAS BEEN FIELD CONFIRMED VIA GEOPHYSICAL SURVEY AND TEST PIT
6. CONCENTRATIONS IN MG/L

µg/L - MICROGRAMS PER LITER
ng/L - NANOGRAMS PER LITER
NYSDEC - NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
AWQSGVs - AMBIENT WATER-QUALITY STANDARDS AND GUIDANCE VALUES
-- NO NYSDEC AWQSGV AVAILABLE
B - FOUND IN LABORATORY BLANK
E - EXCEEDS CALIBRATION LIMIT
D - DILUTION
J - ESTIMATED VALUE
DUP - DUPLICATE SAMPLE
VOCs - VOLATILE ORGANIC COMPOUNDS
SVOCs - SEMIVOLATILE ORGANIC COMPOUNDS
PCBs - POLYCHLORINATED BIPHENYLS
PFAS - PER- AND POLYFLUOROALKYL SUBSTANCES
NE - NO EXCEEDANCES
ND - NO DETECTION

40 0 40'

N

Title:

# PREVIOUS INVESTIGATION GROUNDWATER EXCEEDANCES

310 EAST 161ST STREET
BRONX, NEW YORK 10451

Prepared for:

TEG MORRISANIA DEVELOPMENT LLC

ROUX

| | | |
|---|---|---|
| Compiled by: P.P. | Date: 03/24/26 | FIGURE |
| Prepared by: M.S.R. | Scale: AS SHOWN | 7 |
| Project Mgr: L.D. | Project: 3868.0005Y000 | |
| File: 3868.0005Y106.07.mxd | | |

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| RX-5 | 06/01/2022 |
|---|---|
| Depth (ft bls) | 9.5 - 10 |
| VOCs | |
| 1,2,4-Trimethylbenzene | 11 |
| 1,3,5-Trimethylbenzene (Mesitylene) | 3.5 J |
| 2,2,4-Trimethylpentane | 9.2 |
| 4-Ethyltoluene | 3.2 J |
| Acetone | 150 |
| Benzene | 5.6 |
| Butane | 1400 D |
| Carbon Disulfide | 25 |
| Ethylbenzene | 3.7 J |
| Isopropylbenzene (Cumene) | 1.2 J |
| m,p-Xylene | 9.4 J |
| Methyl Ethyl Ketone (2-Butanone) | 27 |
| N-Heptane | 190 |
| N-Hexane | 280 |
| N-Propylbenzene | 2.8 J |
| O-Xylene (1,2-Dimethylbenzene) | 4.7 |
| Sec-Butylbenzene | 1.6 J |
| Tetrachloroethylene (PCE) | 2.1 J |
| Toluene | 9.9 |

| RX-3 | 06/01/2022 |
|---|---|
| Depth (ft bls) | 11.5 - 12 |
| VOCs | |
| 1,2,4-Trimethylbenzene | 13 |
| 1,3,5-Trimethylbenzene (Mesitylene) | 4.3 J |
| 2-Hexanone | 16 |
| 4-Ethyltoluene | 4.2 J |
| Acetone | 28 J |
| Benzene | 2.4 J |
| Carbon Disulfide | 7.6 J |
| Ethylbenzene | 11 |
| Isopropylbenzene (Cumene) | 1.2 J |
| m,p-Xylene | 26 |
| Methyl Ethyl Ketone (2-Butanone) | 60 |
| N-Heptane | 2.9 J |
| N-Hexane | 18 |
| N-Propylbenzene | 3.3 J |
| O-Xylene (1,2-Dimethylbenzene) | 10 |
| Tetrachloroethylene (PCE) | 96 |
| Toluene | 1400 D |

E 161 ST
PARK AVE
E 160 ST
PARK AVE
E 159 ST

RX-22
ETSB-03/ETMW-03
ETSV-06
RX-21
RX-18
RX-25
RX-24
RX-23
RX-19
RX-20
RX-5
ETSB-05/ETSV-05
ETSV-04
ETSB-11/ETMW-05
RX-13
RX-14
ETSB-08/ETMW-04
AMB_012926_SV
RX-6
ETSB-02/ETMW-02
ETSB-09/ETSV-03
RX-3
ETSB-10/ETSV-02
RX-8G
RX-15
ETSB-04
ETSB-06/ETSV-01
ETSB-01/ETMW-01
RX-17
ETSB-07
RX-16
RX-4
550-GALLON UST

LEGEND

- LOCATION AND DESIGNATION OF SOIL BORING LOCATION
- LOCATION AND DESIGNATION OF SOIL BORING/SOIL VAPOR POINT LOCATION
- LOCATION AND DESIGNATION OF SOIL BORING/PERMANENT MONITORING WELL LOCATION
- 2024 EAST TOWER SUPPLEMENTAL BCP ELIGIBILITY SOIL BORING
- 2024 EAST TOWER SUPPLEMENTAL BCP ELIGIBILITY SOIL VAPOR POINT
- MONITORING WELL INSTALLED BY MUESER RUTLEDGE
- 2022 PHASE II ESA SOIL BORING
- 2022 PHASE II ESA SOIL BORING AND SOIL VAPOR POINT
- 2023 BCP ELIGIBILITY SOIL BORING
- 2024 SUPPLEMENTAL BCP ELIGIBILITY SOIL BORING
- FUTURE BUILDING CELLAR/ FIRST FLOOR FOOTPRINT
- APPROXIMATE LOCATION OF 550-GALLON UST
- SITE BOUNDARY

**AREA OF CONCERN (AOC)**

- AOC 1: FORMER FILLING STATION
- AOC 2: FORMER AUTO REPAIR SHOP (SEE NOTE 4)
- AOC 3: FORMER GARAGE, WELDING, AND BOILER REPAIR SHOP (SEE NOTE 5)
- AOC 4: FILL MATERIAL

N

NOTES

1. AERIAL SOURCE: NYS OFFICE OF INFORMATION TECHNOLOGY SERVICES GIS PROGRAM OFFICE (GPO)
2. ESA - ENVIRONMENTAL SITE ASSESSMENT
3. BCP - BROWNFIELD CLEANUP PROGRAM
4. 550 GALLON UST IS REFERENCED IN THE 1951 AND 1969 SANBORN MAP AND THE PRESENCE AND LOCATION OF THE UST HAS NOT BEEN FIELD CONFIRMED VIA GEOPHYSICAL SURVEY OR TEST PIT
5. 550 GALLON UST IS REFERENCED IN THE 1951 AND 196 SANBORN MAP AND THE PRESENCE AND LOCATION OF THE UST HAS BEEN FIELD CONFIRMED VIA GEOPHYSICAL SURVEY AND TEST PIT

CONCENTRATIONS IN µg/m$^3$
µg/m$^3$ - MICROGRAMS PER CUBIC METER
VOCs - VOLATILE ORGANIC COMPOUNDS
ND - COMPOUND WAS ANALYZED FOR BUT NOT DETECTED

40 0 40'

Title:

# PREVIOUS INVESTIGATION SOIL VAPOR DETECTIONS

310 EAST 161ST STREET
BRONX, NEW YORK 10451

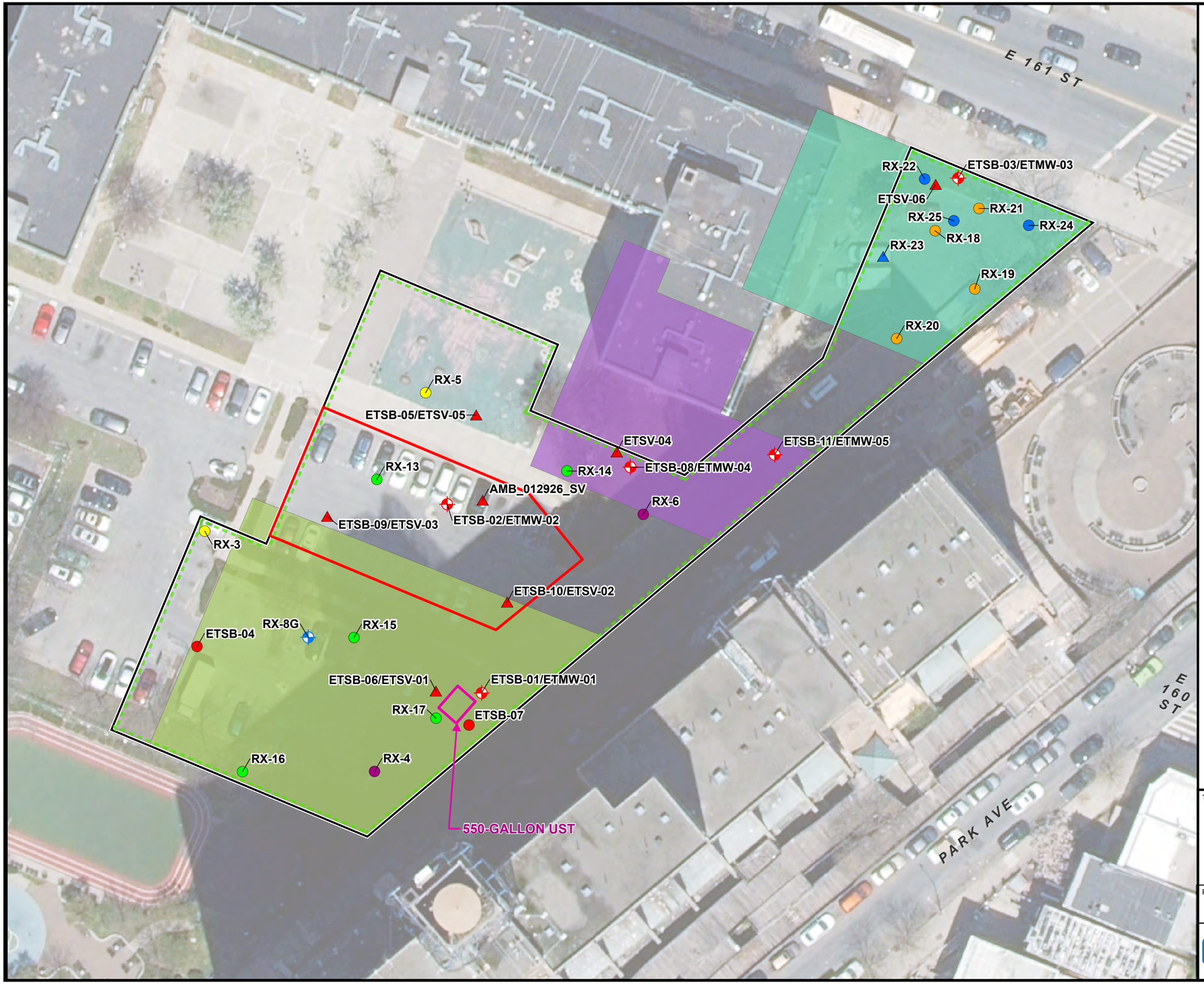
Prepared for:

TEG MORRISANIA DEVELOPMENT LLC

ROUX

| | | |
|---|---|---|
| Compiled by: P.P. | Date: 03/24/26 | FIGURE |
| Prepared by: M.S.R. | Scale: AS SHOWN | 8 |
| Project Mgr: L.D. | Project: 3868.0005Y000 | |
| File: 3868.0005Y106.08.mxd | | |

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LEGEND

- LOCATION AND DESIGNATION OF SOIL BORING LOCATION
- LOCATION AND DESIGNATION OF SOIL BORING/SOIL VAPOR POINT LOCATION
- LOCATION AND DESIGNATION OF SOIL BORING/PERMANENT MONITORING WELL LOCATION
- 2024 EAST TOWER SUPPLEMENTAL BCP ELIGIBILITY SOIL BORING
- 2024 EAST TOWER SUPPLEMENTAL BCP ELIGIBILITY SOIL VAPOR POINT
- MONITORING WELL INSTALLED BY MUESER RUTLEDGE
- 2022 PHASE II ESA SOIL BORING
- 2022 PHASE II ESA SOIL BORING AND SOIL VAPOR POINT
- 2023 BCP ELIGIBILITY SOIL BORING
- 2024 SUPPLEMENTAL BCP ELIGIBILITY SOIL BORING
- FUTURE BUILDING CELLAR/ FIRST FLOOR FOOTPRINT
- APPROXIMATE LOCATION OF 550-GALLON UST
- SITE BOUNDARY

**AREA OF CONCERN (AOC)**

- AOC 1: FORMER FILLING STATION
- AOC 2: FORMER AUTO REPAIR SHOP (SEE NOTE 4)
- AOC 3: FORMER GARAGE, WELDING, AND BOILER REPAIR SHOP (SEE NOTE 5)
- AOC 4: FILL MATERIAL

N

NOTES

1. AERIAL SOURCE: NYS OFFICE OF INFORMATION TECHNOLOGY SERVICES GIS PROGRAM OFFICE (GPO)
2. ESA - ENVIRONMENTAL SITE ASSESSMENT
3. BCP - BROWNFIELD CLEANUP PROGRAM
4. 550 GALLON UST IS REFERENCED IN THE 1951 AND 1969 SANBORN MAP AND THE PRESENCE AND LOCATION OF THE UST HAS NOT BEEN FIELD CONFIRMED VIA GEOPHYSICAL SURVEY OR TEST PIT
5. 550 GALLON UST IS REFERENCED IN THE 1951 AND 196 SANBORN MAP AND THE PRESENCE AND LOCATION OF THE UST HAS BEEN FIELD CONFIRMED VIA GEOPHYSICAL SURVEY AND TEST PIT

40 0 40'

Title:

# SAMPLE LOCATIONS

310 EAST 161ST STREET
BRONX, NEW YORK 10451

Prepared for:

TEG MORRISANIA DEVELOPMENT LLC

ROUX

| | | |
|---|---|---|
| Compiled by: P.P. | Date: 03/24/26 | FIGURE |
| Prepared by: M.S.R. | Scale: AS SHOWN | 9 |
| Project Mgr: L.D. | Project: 3868.0005Y000 | |
| File: 3868.0005Y106.09.APRX | | |

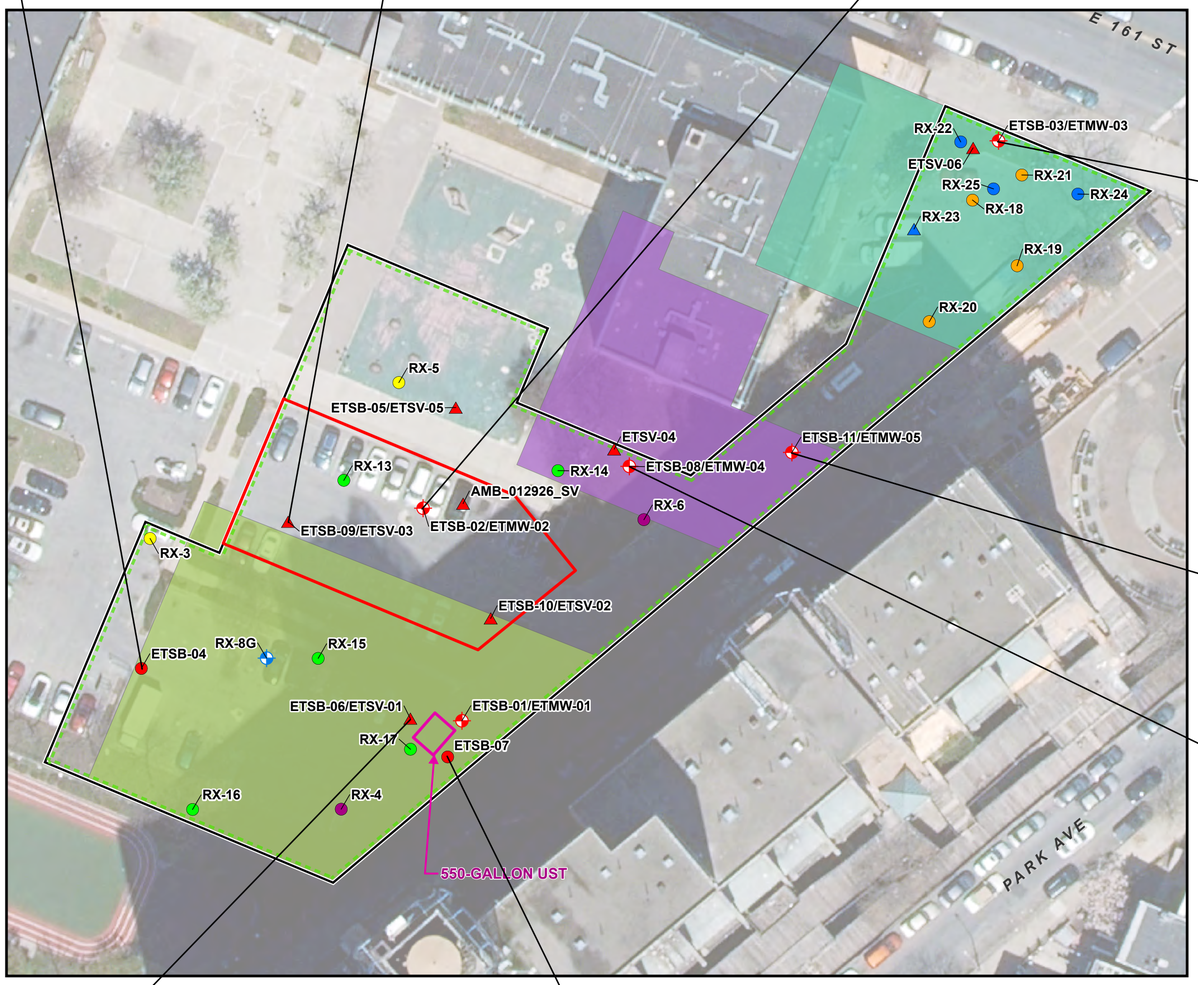
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| Parameter | NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives | NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives | NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives | Units |
|---|---|---|---|---|
| **VOCs** | | | | |
| 1,2,4-Trimethylbenzene | **5.9** | 100 | 5.9 | mg/kg |
| Acetone | **0.03** | 100 | 0.03 | mg/kg |
| Ethylbenzene | **1** | 76 | 1 | mg/kg |
| m,p-Xylene | **0.26** | 100 | 1.2 | mg/kg |
| N-Butylbenzene | **18** | 100 | 18 | mg/kg |
| N-Propylbenzene | **5** | 100 | 5 | mg/kg |
| Xylenes | **0.26** | 100 | 1.2 | mg/kg |
| **SVOCs** | | | | |
| Benzo(A)Anthracene | **1** | 1.4 | 1 | mg/kg |
| Benzo(A)Pyrene | **1** | 1 | 22 | mg/kg |
| Benzo(B)Fluoranthene | **1** | 1.4 | 2.1 | mg/kg |
| Benzo(G,H,I)Perylene | **0.64** | 4.9 | 1000 | mg/kg |
| Benzo(K)Fluoranthene | **0.8** | 4.9 | 2 | mg/kg |
| Chrysene | **1** | 4.9 | 1 | mg/kg |
| Dibenz(A,H)Anthracene | **0.33** | 0.33 | 1000 | mg/kg |
| Indeno(1,2,3-C,D)Pyrene | **0.5** | 1.4 | 6.6 | mg/kg |
| Phenanthrene | **1.1** | 4.9 | 1000 | mg/kg |
| **Metals** | | | | |
| Arsenic | **13** | 16 | 16 | mg/kg |
| Cadmium | **2.5** | 2.5 | 7.5 | mg/kg |
| Chromium III | **30** | 110 | -- | mg/kg |
| Chromium, Total | **30** | 110 | -- | mg/kg |
| Copper | **50** | 280 | 1720 | mg/kg |
| Cyanide | **2.3** | 13 | 40 | mg/kg |
| Lead | **63** | 400 | 450 | mg/kg |
| Mercury | **0.18** | 0.3 | 0.73 | mg/kg |
| Nickel | **30** | 320 | 130 | mg/kg |
| Zinc | **109** | 6600 | 2480 | mg/kg |
| **PCBs** | | | | |
| Polychlorinated Biphenyl (PCBs) | **0.1** | 1 | 3.2 | mg/kg |
| **Pesticides/Herbicides** | | | | |
| P,P'-DDD | **0.0033** | 5 | 14 | mg/kg |
| P,P'-DDE | **0.0033** | 3.4 | 9.3 | mg/kg |
| P,P'-DDT | **0.0033** | 3.8 | 135 | mg/kg |
| **PFAS** | | | | |
| Perfluorooctanesulfonic acid (PFOS) | **0.88** | 44 | 1 | µg/kg |

| ETSB-04 | 01/13/2026 | 01/13/2026 | 01/13/2026 |
|---|---|---|---|
| **Depth (ft bls)** | 0 - 2 in | 2 - 6 in | 2 - 4 ft |
| **Metals** | | | |
| Cadmium | **3.6** | NA | NE |
| Chromium III | **44.6** | NA | NE |
| Chromium, Total | **44.6** | NA | NE |
| Copper | **103** | NA | NE |
| Lead | **338** | NA | **448** |
| Mercury | **0.24** | NA | NE |
| Nickel | **63.8** | NA | NE |
| Zinc | **180** | NA | **453** |

| ETSB-09 | 01/19/2026 | 01/19/2026 | 01/19/2026 | 01/19/2026 | 01/19/2026 | 01/19/2026 |
|---|---|---|---|---|---|---|
| **Depth (ft bls)** | 0 - 2 in | 2 - 6 in | 2 - 4 ft | 6 - 8 ft | 10 - 12 ft | 12 - 14 ft |
| **SVOCs** | | | | | | |
| Benzo(A)Anthracene | **3.2** | NA | NE | ND | ND | ND |
| Benzo(A)Pyrene | **4.1** | NA | NE | ND | ND | ND |
| Benzo(B)Fluoranthene | **6.1** | NA | NE | ND | ND | ND |
| Benzo(G,H,I)Perylene | **2.5** | NA | NE | ND | ND | ND |
| Benzo(K)Fluoranthene | **2.2** | NA | NE | ND | ND | ND |
| Chrysene | **3.6** | NA | NE | ND | ND | ND |
| Dibenz(A,H)Anthracene | **0.6** | NA | ND | ND | ND | ND |
| Indeno(1,2,3-C,D)Pyrene | **2.5** | NA | NE | ND | ND | ND |
| Phenanthrene | **1.6** | NA | NE | ND | ND | ND |

| ETSB-02 | 01/16/2026 | 01/16/2026 | 01/16/2026 | 01/16/2026 | 01/16/2026 |
|---|---|---|---|---|---|
| **Depth (ft bls)** | 0 - 2 in | 2 - 6 in | 2 - 4 ft | 12 - 14 ft | 12-14 ft DUP |
| **Metals** | | | | | |
| Mercury | ND | NA | ND | NE | **0.36** |




| ETSB-03 | 01/15/2026 | 01/15/2026 | 01/15/2026 | 01/15/2026 | 01/15/2026 | 01/15/2026 |
|---|---|---|---|---|---|---|
| **Depth (ft bls)** | 0 - 2 in | 2 - 6 in | 2 - 4 ft | 6 - 8 ft | 10 - 12 ft | 14 - 16 ft |
| **VOCs** | | | | | | |
| Acetone | NA | ND | NE | NE | **0.037** | NE |
| **SVOCs** | | | | | | |
| Benzo(A)Anthracene | NE | NA | **31** | ND | ND | ND |
| Benzo(A)Pyrene | NE | NA | **24** | ND | NE | ND |
| Benzo(B)Fluoranthene | NE | NA | **33** | ND | NE | ND |
| Benzo(G,H,I)Perylene | NE | NA | **15** | ND | NE | ND |
| Benzo(K)Fluoranthene | NE | NA | **12** | ND | NE | ND |
| Chrysene | NE | NA | **30** | ND | NE | ND |
| Dibenz(A,H)Anthracene | NE | NA | **4.7** | ND | ND | ND |
| Indeno(1,2,3-C,D)Pyrene | NE | NA | **17** | ND | NE | ND |
| Phenanthrene | NE | NA | **43** | ND | NE | ND |
| **Metals** | | | | | | |
| Arsenic | **19.6** | NA | NE | NE | NE | NE |
| Lead | **67.7** | NA | **137** | NE | NE | NE |
| Mercury | **0.22** | NA | NE | ND | ND | ND |
| Zinc | NE | NA | **156** | **131** | **183** | NE |
| **Pesticides/Herbicides** | | | | | | |
| P,P'-DDE | **0.032** | NA | **0.0073** | ND | ND | ND |
| P,P'-DDT | **0.026** | NA | **0.011** | ND | ND | ND |
| **PFAS** | | | | | | |
| Perfluorooctanesulfonic acid (PFOS) | NA | NA | **1.03** | NA | NA | NA |

| ETSB-11 | 01/15/2026 | 01/15/2026 | 01/15/2026 | 01/15/2026 |
|---|---|---|---|---|
| **Depth (ft bls)** | 0 - 2 in | 2 - 6 in | 2 - 4 ft | 14 - 16 ft |
| **Metals** | | | | |
| Lead | **120** | NA | NE | NE |
| Zinc | **116** | NA | NE | NE |
| **Pesticides/Herbicides** | | | | |
| P,P'-DDT | **0.0054 JP** | NA | ND | ND |

| ETSB-08 | 01/13/2026 | 01/13/2026 | 01/13/2026 | 01/13/2026 | 01/14/2026 | 01/14/2026 |
|---|---|---|---|---|---|---|
| **Depth (ft bls)** | 0 - 2 in | 2 - 6 in | 2 - 4 ft | 2 - 4 ft DUP | 5 - 7 ft | 8 - 10 ft |
| **VOCs** | | | | | | |
| 1,2,4-Trimethylbenzene | NA | ND | ND | NA | **420** | NE |
| Acetone | NA | ND | NE | NA | ND | **0.044** |
| Ethylbenzene | NA | ND | ND | NA | **37** | NE |
| m,p-Xylene | NA | ND | ND | NA | **0.75 J** | NE |
| N-Butylbenzene | NA | ND | ND | NA | **35** | NE |
| N-Propylbenzene | NA | ND | ND | NA | **62** | NE |
| Xylenes | NA | ND | ND | NA | **0.75 J** | NE |
| **SVOCs** | | | | | | |
| Phenanthrene | ND | NA | ND | NA | **2.9** | NA |
| **Metals** | | | | | | |
| Arsenic | **17.8** | NA | NE | NA | **13.4** | NE |
| Chromium III | **101** | NA | NE | NA | NE | NE |
| Chromium, Total | **101** | NA | NE | NA | NE | NE |
| Copper | NE | NA | NE | NA | **87.5** | NE |
| Cyanide | NE | NA | ND | NA | **7.6** | ND |
| Lead | NE | NA | NE | NA | **298** | NE |
| Mercury | **0.33** | NA | NE | NA | NE | ND |
| Zinc | NE | NA | NE | NA | **122** | NE |
| **PCBs** | | | | | | |
| Polychlorinated Biphenyl (PCBs) | ND | NA | ND | NA | **0.16** | ND |
| **Pesticides/Herbicides** | | | | | | |
| P,P'-DDD | ND | NA | ND | NA | **0.0087** | ND |
| P,P'-DDE | **0.0045 J** | NA | ND | NA | ND | ND |
| P,P'-DDT | NE | NA | ND | NA | **0.0066 J** | ND |

| ETSB-06 | 01/20/2026 | 01/20/2026 | 01/20/2026 | 01/20/2026 | 01/20/2026 | 01/20/2026 |
|---|---|---|---|---|---|---|
| **Depth (ft bls)** | 0 - 2 in | 2 - 6 in | 2 - 4 ft | 6 - 8 ft | 8 - 10 ft | 10 - 12 ft |
| **SVOCs** | | | | | | |
| Benzo(A)Anthracene | **6.1** | NA | NE | NE | ND | ND |
| Benzo(A)Pyrene | **5.7** | NA | NE | NE | ND | ND |
| Benzo(B)Fluoranthene | **6.3** | NA | NE | NE | ND | ND |
| Benzo(G,H,I)Perylene | **3.2** | NA | NE | NE | ND | ND |
| Benzo(K)Fluoranthene | **2.9** | NA | NE | NE | ND | ND |
| Chrysene | **6.9** | NA | NE | NE | ND | ND |
| Dibenz(A,H)Anthracene | **0.84** | NA | NE | ND | ND | ND |
| Indeno(1,2,3-C,D)Pyrene | **3.4** | NA | NE | NE | ND | ND |
| Phenanthrene | **6.7** | NA | NE | NE | ND | ND |
| **Metals** | | | | | | |
| Arsenic | **19** | NA | NE | NE | NE | NE |
| Lead | NE | NA | **95.2** | NE | NE | NE |
| **Pesticides/Herbicides** | | | | | | |
| P,P'-DDT | **0.011** | NA | **0.0081** | ND | ND | ND |

| ETSB-07 | 01/12/2026 | 01/12/2026 | 01/12/2026 | 01/12/2026 | 01/12/2026 | 01/12/2026 | 01/12/2026 |
|---|---|---|---|---|---|---|---|
| **Depth (ft bls)** | 0 - 2 in | 2 - 6 in | 2 - 4 ft | 6 - 8 ft | 6 - 8 ft DUP | 9 - 11 ft | 11.5 - 13.5 ft |
| **Metals** | | | | | | | |
| Lead | NE | NA | **64.3** | NE | NE | NE | NE |
| Zinc | NE | NA | **159** | NE | NE | NE | NE |

LEGEND

- LOCATION AND DESIGNATION OF SOIL BORING LOCATION
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- LOCATION AND DESIGNATION OF SOIL BORING/PERMANENT MONITORING WELL LOCATION
- 2024 EAST TOWER SUPPLEMENTAL BCP ELIGIBILITY SOIL BORING
- 2024 EAST TOWER SUPPLEMENTAL BCP ELIGIBILITY SOIL VAPOR POINT
- MONITORING WELL INSTALLED BY MUESER RUTLEDGE
- 2022 PHASE II ESA SOIL BORING
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- 2024 SUPPLEMENTAL BCP ELIGIBILITY SOIL BORING
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- APPROXIMATE LOCATION OF 550-GALLON UST
- SITE BOUNDARY

**AREA OF CONCERN (AOC)**

- AOC 1: FORMER FILLING STATION
- AOC 2: FORMER AUTO REPAIR SHOP (SEE NOTE 4)
- AOC 3: FORMER GARAGE, WELDING, AND BOILER REPAIR SHOP (SEE NOTE 5)
- AOC 4: FILL MATERIAL

NOTES

1. AERIAL SOURCE: NYS OFFICE OF INFORMATION TECHNOLOGY SERVICES GIS PROGRAM OFFICE (GPO)
2. ESA - ENVIRONMENTAL SITE ASSESSMENT
3. BCP - BROWNFIELD CLEANUP PROGRAM
4. 550 GALLON UST IS REFERENCED IN THE 1951 AND 1969 SANBORN MAP AND THE PRESENCE AND LOCATION OF THE UST HAS NOT BEEN FIELD CONFIRMED VIA GEOPHYSICAL SURVEY OR TEST PIT
5. 550 GALLON UST IS REFERENCED IN THE 1951 AND 196 SANBORN MAP AND THE PRESENCE AND LOCATION OF THE UST HAS BEEN FIELD CONFIRMED VIA GEOPHYSICAL SURVEY AND TEST PIT

mg/kg - MILLIGRAMS PER KILOGRAM
µg/kg - MICROGRAMS PER KILOGRAM
NYSDEC - NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
-- NO NYSDEC PART 375 SOIL CLEANUP OBJECTIVES AVAILABLE
J - ESTIMATED VALUE
DUP - DUPLICATE SAMPLE
VOCs - VOLATILE ORGANIC COMPOUNDS
SVOCs - SEMIVOLATILE ORGANIC COMPOUNDS
PCBs - POLYCHLORINATED BIPHENYLS
PFAS - PER- AND POLYFLUOROALKYL SUBSTANCES
NE - NO EXCEEDANCE
ND - NO DETECTION
NA - COMPOUND WAS NOT ANALYZED BY LABORATORY
ft bls - FEET BELOW LAND SURFACE

40 0 40'

Title:

# REMEDIAL INVESTIGATION SOIL SAMPLE EXCEEDANCES

310 EAST 161ST STREET
BRONX, NEW YORK 10451

Prepared for:

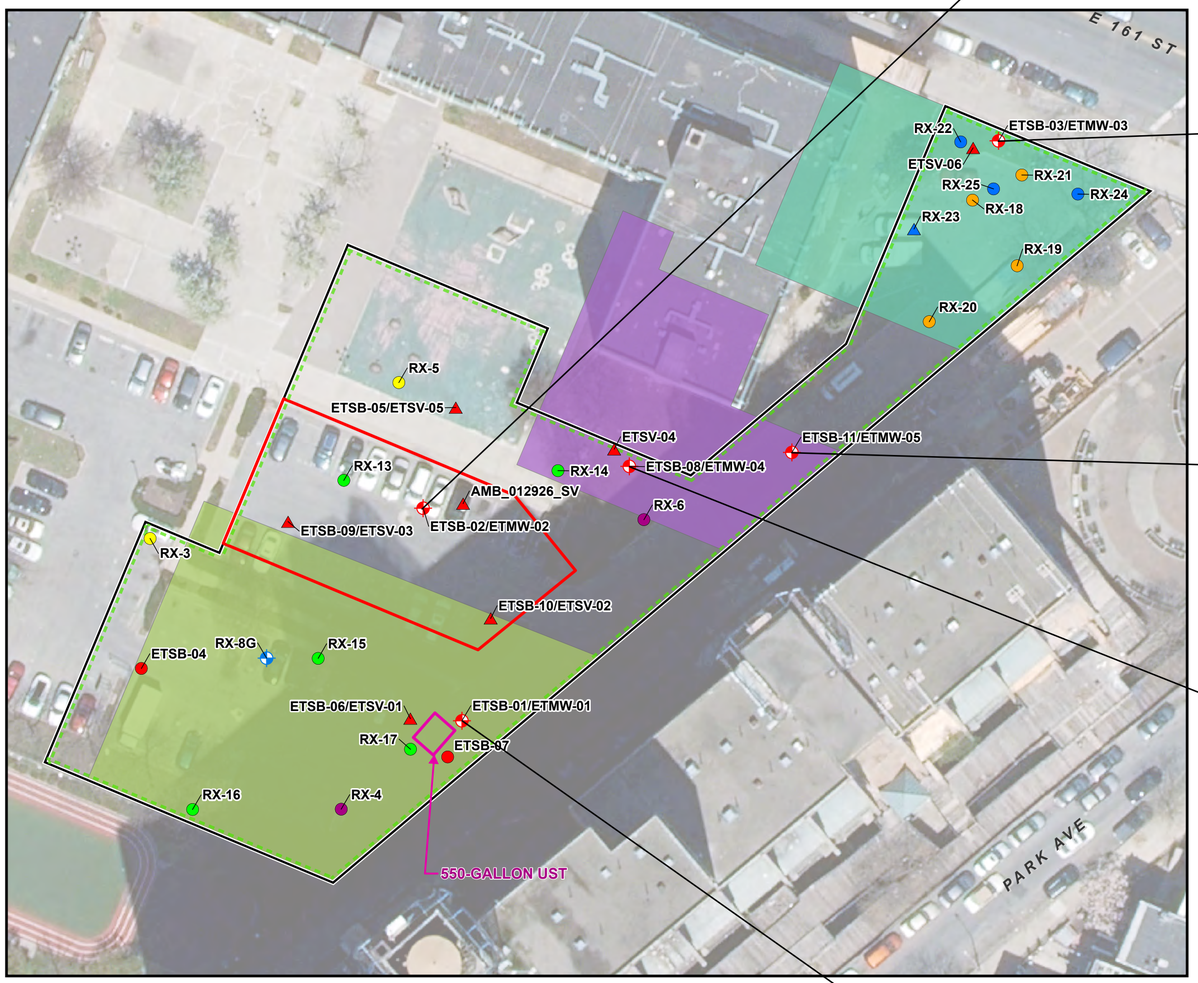
TEG MORRISANIA DEVELOPMENT LLC

ROUX

| | |
|---|---|
| Compiled by: P.P. | Date: 03/24/26 |
| Prepared by: M.S.R. | Scale: AS SHOWN |
| Project Mgr: L.D. | Project: 3868.0005Y000 |
| File: 3868.0005Y106.10.mxd | |

FIGURE 10

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| ETMW-02 | 02/11/2026 |
|---|---|
| **Depth to Water (ft bls)** | 25.28 |
| **Depth to Bottom (ft bls)** | 30.25 |
| **Metals, Total** | |
| Iron | **542** |
| Magnesium | **42000** |
| Sodium | **107000** |
| **Metals, Dissolved** | |
| Magnesium | **39300** |
| Sodium | **117000** |
| **PFAS** | |
| Perfluorooctanesulfonic acid (PFOS) | **7.14** |
| Perfluorooctanoic acid (PFOA) | **24.4** |

| ETMW-03 | 01/29/2026 | 02/11/2026 |
|---|---|---|
| **Depth to Water (ft bls)** | 25.95 | 25.95 |
| **Depth to Bottom (ft bls)** | 33.12 | 33.12 |
| **VOCs** | | |
| Chloroform | **22** | NA |
| **Metals, Total** | | |
| Magnesium | NA | **41200** |
| Sodium | NA | **90200** |
| **Metals, Dissolved** | | |
| Magnesium | NA | **40000** |
| Sodium | NA | **89900** |
| **PFAS** | | |
| Perfluorooctanesulfonic acid (PFOS) | **4.19** | NA |
| Perfluorooctanoic acid (PFOA) | **17.1** | NA |

| ETMW-05 | 02/11/2026 |
|---|---|
| **Depth to Water (ft bls)** | 25.8 |
| **Depth to Bottom (ft bls)** | 28.59 |
| **VOCs** | |
| Chloroform | **20** |
| **Metals, Total** | |
| Iron | **710** |
| Sodium | **43900** |
| **Metals, Dissolved** | |
| Sodium | **52100** |

| ETMW-04 | 02/11/2026 | 02/11/2026 |
|---|---|---|
| **Depth to Water (ft bls)** | 27.54 | 27.54 |
| **Depth to Bottom (ft bls)** | 29.83 | 29.83 |
| **VOCs** | | DUP |
| 1,2,4-Trimethylbenzene | **180** | **150** |
| Ethylbenzene | **5.5** | 4.4 |
| m,p-Xylene | **7.8** | **5.8** |
| N-Propylbenzene | **10** | **8.5** |
| Xylenes | **9.7** | **7.1** |
| **Metals, Total** | | |
| Magnesium | **66700** | **68200** |
| Sodium | **95200** | **101000** |
| **Metals, Dissolved** | | |
| Magnesium | **65500** | **64600** |
| Sodium | **99400** | **95800** |
| **PFAS** | | |
| Perfluorooctanesulfonic acid (PFOS) | **9.13** | **7.52** |
| Perfluorooctanoic acid (PFOA) | **111** | **110** |

| ETMW-01 | 02/11/2026 |
|---|---|
| **Depth to Water (ft bls)** | 25.87 |
| **Depth to Bottom (ft bls)** | 31.89 |
| **VOCs** | |
| Chloroform | **22** |
| **Metals, Total** | |
| Magnesium | **64900** |
| Sodium | **50200** |
| **Metals, Dissolved** | |
| Magnesium | **65700** |
| Sodium | **52100** |
| **PFAS** | |
| Perfluorooctanesulfonic acid (PFOS) | **12.4** |
| Perfluorooctanoic acid (PFOA) | **30.4** |

| Parameter | NYSDEC AWQSGV | Units |
|---|---|---|
| **VOCs** | | |
| 1,2,4-Trimethylbenzene | **5** | µg/L |
| Chloroform | **7** | µg/L |
| Ethylbenzene | **5** | µg/L |
| m,p-Xylene | **5** | µg/L |
| N-Propylbenzene | **5** | µg/L |
| Xylenes | **5** | µg/L |
| **SVOCs** | NE | µg/L |
| **Metals, Total** | | |
| Iron | **300** | µg/L |
| Magnesium | **35000** | µg/L |
| Sodium | **20000** | µg/L |
| **Metals, Dissolved** | | |
| Magnesium | **35000** | µg/L |
| Sodium | **20000** | µg/L |
| **PCBs** | ND | µg/L |
| **Pesticides** | ND | µg/L |
| **PFAS** | | |
| Perfluorooctanesulfonic acid (PFOS) | **2.7** | ng/L |
| Perfluorooctanoic acid (PFOA) | **6.7** | ng/L |

LEGEND

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- AOC 2: FORMER AUTO REPAIR SHOP (SEE NOTE 4)
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- AOC 4: FILL MATERIAL

N

NOTES

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3. BCP - BROWNFIELD CLEANUP PROGRAM
4. 550 GALLON UST IS REFERENCED IN THE 1951 AND 1969 SANBORN MAP AND THE PRESENCE AND LOCATION OF THE UST HAS NOT BEEN FIELD CONFIRMED VIA GEOPHYSICAL SURVEY OR TEST PIT
5. 550 GALLON UST IS REFERENCED IN THE 1951 AND 196 SANBORN MAP AND THE PRESENCE AND LOCATION OF THE UST HAS BEEN FIELD CONFIRMED VIA GEOPHYSICAL SURVEY AND TEST PIT
6. CONCENTRATIONS IN MG/L

µg/L - MICROGRAMS PER LITER
ng/L - NANOGRAMS PER LITER
NYSDEC - NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
AWQSGVs - AMBIENT WATER-QUALITY STANDARDS AND GUIDANCE VALUES
-- NO NYSDEC AWQSGV AVAILABLE
B - FOUND IN LABORATORY BLANK
E - EXCEEDS CALIBRATION LIMIT
D - DILUTION
J - ESTIMATED VALUE
DUP - DUPLICATE SAMPLE
VOCs - VOLATILE ORGANIC COMPOUNDS
SVOCs - SEMIVOLATILE ORGANIC COMPOUNDS
PCBs - POLYCHLORINATED BIPHENYLS
PFAS - PER- AND POLYFLUOROALKYL SUBSTANCES
NE - NO EXCEEDANCES
ND - NO DETECTION

40 0 40'

Title:

# REMEDIAL INVESTIGATION GROUNDWATER EXCEEDANCES

310 EAST 161ST STREET
BRONX, NEW YORK 10451

Prepared for:

TEG MORRISANIA DEVELOPMENT LLC

ROUX

| | |
|---|---|
| Compiled by: P.P. | Date: 03/24/26 |
| Prepared by: M.S.R. | Scale: AS SHOWN |
| Project Mgr: L.D. | Project: 3868.0005Y000 |
| File: 3868.0005Y106.11.mxd | |

FIGURE 11

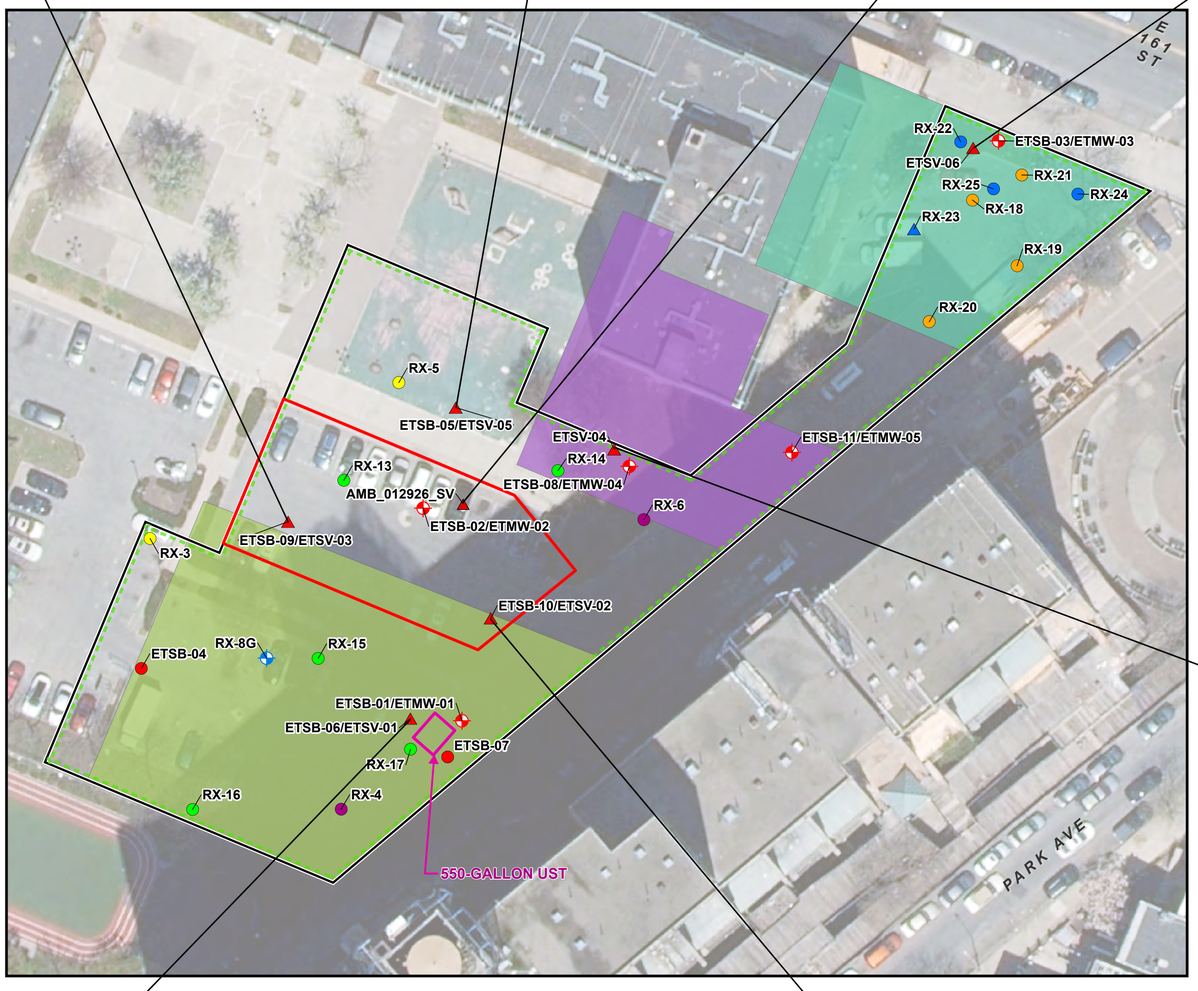
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| ETSV-03 | 01/29/2026 |
|---|---|
| **Depth (ft bls)** | 11.5 - 12 |
| **VOCs** | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | **0.45 J** |
| 1,2-Dichlorotetrafluoroethane | ND |
| 2,2,4-Trimethylpentane | ND |
| Acetone | **49** |
| Benzene | **0.96** |
| Butane | **6.1** |
| Carbon Disulfide | **3.8** |
| Chloroform | **0.35 J** |
| Cyclohexane | **0.68 J** |
| Dichlorodifluoromethane | **5.5** |
| Methyl Ethyl Ketone (2-Butanone) | **72 D** |
| N-Heptane | **0.76 J** |
| N-Hexane | **2** |
| Tetrachloroethylene (PCE) | ND |
| Toluene | **1** |
| Trichlorofluoromethane | **5.5** |

| ETSV-05 | 01/29/2026 |
|---|---|
| **Depth (ft bls)** | 6.5 - 7 |
| **VOCs** | |
| Acetone | **91 D** |
| Benzene | **1.1** |
| Butane | **12** |
| Carbon Disulfide | **1.6** |
| Chloroform | **0.65 J** |
| Cyclohexane | **0.76** |
| Dichlorodifluoromethane | **27** |
| Methyl Ethyl Ketone (2-Butanone) | **140 D** |
| N-Heptane | **0.78 J** |
| N-Hexane | **3.1** |
| Tetrachloroethylene (PCE) | **5** |
| Toluene | **1.2** |
| Trichloroethylene (TCE) | **5.2** |
| Trichlorofluoromethane | **1.7** |

| AMB_012926_SV | 01/29/2026 |
|---|---|
| **VOCs** | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | **0.48 J** |
| Acetone | **6 J** |
| Benzene | **0.86** |
| Butane | **2.6** |
| Chloromethane | **0.38 J** |
| Dichlorodifluoromethane | **2.4 J** |
| N-Hexane | **0.4 J** |
| Toluene | **0.67 J** |
| Trichlorofluoromethane | **1.1** |

| ETSV-06 | 01/29/2026 | 01/29/2026 |
|---|---|---|
| **Depth (ft bls)** | 13.5 - 14 | 13.5 - 14 DUP |
| **VOCs** | | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | **0.47 J** | ND |
| 1,2-Dichlorotetrafluoroethane | **2.9** | **3.3** |
| 2,2,4-Trimethylpentane | **0.87 J** | **0.32 J** |
| 2-Hexanone | **0.75 J** | ND |
| Acetone | **32** | **25** |
| Benzene | **1.2** | **1.2** |
| Butane | **7.3** | **8.3** |
| Carbon Disulfide | **3.4** | **4.7** |
| Chloroform | **1.4** | **1.9** |
| Cyclohexane | **0.8** | **0.88** |
| Dichlorodifluoromethane | **2.8** | **3** |
| m,p-Xylene | **0.61 J** | ND |
| Methyl Ethyl Ketone (2-Butanone) | **49** | **50** |
| N-Heptane | **0.92** | **0.62 J** |
| N-Hexane | **2** | **2.7** |
| Tetrachloroethylene (PCE) | **7** | **4.2** |
| Toluene | **1.2** | **1.5** |
| Trichloroethylene (TCE) | **3.1** | ND |
| Trichlorofluoromethane | **1.1** | **1.1** |




| ETSV-04 | 01/29/2026 |
|---|---|
| **Depth (ft bls)** | 10.5 - 11 |
| **VOCs** | |
| 1,2,4-Trimethylbenzene | **9.5** |
| 1,3,5-Trimethylbenzene (Mesitylene) | **1.8** |
| 1,3-Butadiene | **0.19 J** |
| 2,2,4-Trimethylpentane | **230** |
| 4-Ethyltoluene | **2** |
| Acetone | **34** |
| Benzene | **0.62 J** |
| Butane | **8** |
| Carbon Disulfide | **0.76 J** |
| Chloroform | **2.8** |
| Cyclohexane | **41** |
| Dichlorodifluoromethane | **3.4** |
| Ethylbenzene | **2.9** |
| Isopropylbenzene (Cumene) | **0.62 J** |
| m,p-Xylene | **6.9** |
| Methyl Ethyl Ketone (2-Butanone) | **66** |
| N-Heptane | **1.8** |
| N-Hexane | **2.3** |
| N-Propylbenzene | **1.7** |
| O-Xylene (1,2-Dimethylbenzene) | **2.9** |
| Toluene | **0.88** |
| Trichlorofluoromethane | **1.9** |

| ETSV-01 | 01/29/2026 |
|---|---|
| **Depth (ft bls)** | 9.5 - 10 |
| **VOCs** | |
| 1,2-Dichlorotetrafluoroethane | **2.4** |
| Acetone | **24** |
| Butane | **8** |
| Carbon Disulfide | **0.86 J** |
| Chloroform | **0.27 J** |
| Dichlorodifluoromethane | **5** |
| Methyl Ethyl Ketone (2-Butanone) | **8.6** |
| Trichlorofluoromethane | **3.4** |

| ETSV-02 | 02/13/2026 |
|---|---|
| **Depth (ft bls)** | 11.5 - 12 |
| **VOCs** | |
| 2-Hexanone | **0.79 J** |
| Acetone | **47** |
| Benzene | **0.54 J** |
| Butane | **7.5** |
| Carbon Disulfide | **1.1 J** |
| Chloroform | **0.35 J** |
| Dichlorodifluoromethane | **2.6** |
| Methyl Ethyl Ketone (2-Butanone) | **30** |
| N-Hexane | **0.72 J** |
| Toluene | **0.46 J** |
| Trichlorofluoromethane | **2.1** |

LEGEND

- LOCATION AND DESIGNATION OF SOIL BORING LOCATION
- LOCATION AND DESIGNATION OF SOIL BORING/SOIL VAPOR POINT LOCATION
- LOCATION AND DESIGNATION OF SOIL BORING/PERMANENT MONITORING WELL LOCATION
- 2024 EAST TOWER SUPPLEMENTAL BCP ELIGIBILITY SOIL BORING
- 2024 EAST TOWER SUPPLEMENTAL BCP ELIGIBILITY SOIL VAPOR POINT
- MONITORING WELL INSTALLED BY MUESER RUTLEDGE
- 2022 PHASE II ESA SOIL BORING
- 2022 PHASE II ESA SOIL BORING AND SOIL VAPOR POINT
- 2023 BCP ELIGIBILITY SOIL BORING
- 2024 SUPPLEMENTAL BCP ELIGIBILITY SOIL BORING
- FUTURE BUILDING CELLAR/ FIRST FLOOR FOOTPRINT
- APPROXIMATE LOCATION OF 550-GALLON UST
- SITE BOUNDARY

**AREA OF CONCERN (AOC)**

- AOC 1: FORMER FILLING STATION
- AOC 2: FORMER AUTO REPAIR SHOP (SEE NOTE 4)
- AOC 3: FORMER GARAGE, WELDING, AND BOILER REPAIR SHOP (SEE NOTE 5)
- AOC 4: FILL MATERIAL

N

NOTES

1. AERIAL SOURCE: NYS OFFICE OF INFORMATION TECHNOLOGY SERVICES GIS PROGRAM OFFICE (GPO)
2. ESA - ENVIRONMENTAL SITE ASSESSMENT
3. BCP - BROWNFIELD CLEANUP PROGRAM
4. 550 GALLON UST IS REFERENCED IN THE 1951 AND 1969 SANBORN MAP AND THE PRESENCE AND LOCATION OF THE UST HAS NOT BEEN FIELD CONFIRMED VIA GEOPHYSICAL SURVEY OR TEST PIT
5. 550 GALLON UST IS REFERENCED IN THE 1951 AND 196 SANBORN MAP AND THE PRESENCE AND LOCATION OF THE UST HAS BEEN FIELD CONFIRMED VIA GEOPHYSICAL SURVEY AND TEST PIT

CONCENTRATIONS IN µg/m$^3$
µg/m$^3$ - MICROGRAMS PER CUBIC METER
VOCs - VOLATILE ORGANIC COMPOUNDS
ND - COMPOUND WAS ANALYZED FOR BUT NOT DETECTED

40 0 40'

Title:

# REMEDIAL INVESTIGATION SOIL VAPOR DETECTIONS

310 EAST 161ST STREET
BRONX, NEW YORK 10451

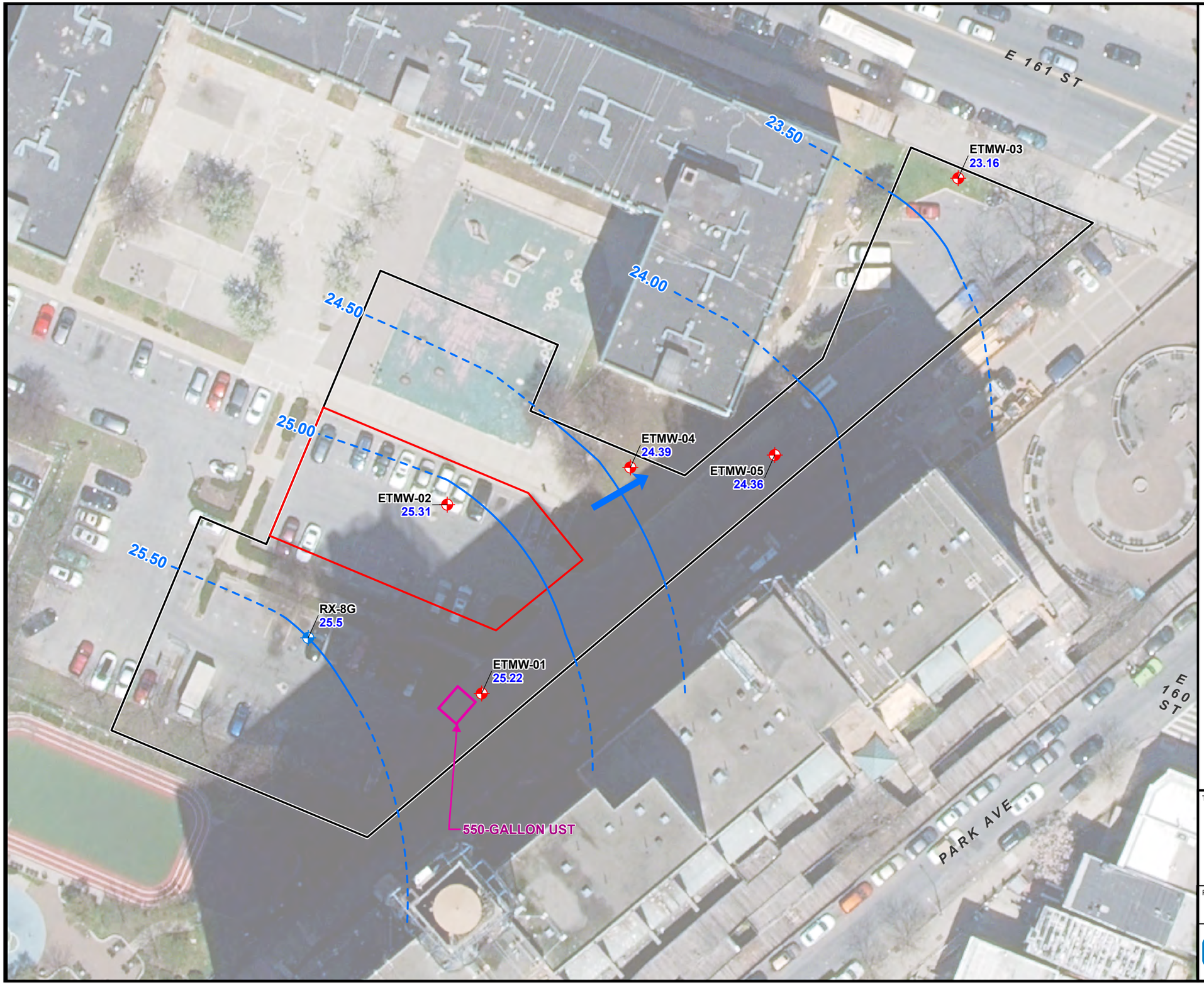
Prepared for:

TEG MORRISANIA DEVELOPMENT LLC

ROUX

| | | |
|---|---|---|
| Compiled by: P.P. | Date: 03/24/26 | FIGURE 12 |
| Prepared by: M.S.R. | Scale: AS SHOWN | |
| Project Mgr: L.D. | Project: 3868.0005Y000 | |
| File: 3868.0005Y106.12.mxd | | |

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LEGEND

- 2026 RI SOIL BORING/PERMANENT MONITORING WELL LOCATION
- MONITORING WELL INSTALLED BY MUESER RUTLEDGE
- 23.16 GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (NAVD 88)

**GROUNDWATER CONTOURS**

- LINE OF EQUAL GROUNDWATER ELEVATION (DASHED WHERE CONTOURS ARE INFERRED BASED ON LIMITED AVAILABLE DATA)
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW
- FUTURE BUILDING CELLAR/FIRST FLOOR FOOTPRINT
- 550-GALLON UST
- SITE BOUNDARY

NOTES

1. AERIAL SOURCE: NYS OFFICE OF INFORMATION TECHNOLOGY SERVICES GIS PROGRAM OFFICE (GPO)
2. ESA - ENVIRONMENTAL SITE ASSESSMENT
3. BCP - BROWNFIELD CLEANUP PROGRAM
4. ELEVATIONS MEASURED IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

40 0 40'

Title:

# GROUNDWATER CONTOUR MAP

310 EAST 161ST STREET
BRONX, NEW YORK 10451

Prepared for:

TEG MORRISANIA DEVELOPMENT LLC

ROUX

| | | |
|---|---|---|
| Compiled by: P.P. | Date: 03/24/26 | FIGURE |
| Prepared by: M.S.R. | Scale: AS SHOWN | 13 |
| Project Mgr: L.D. | Project: 3868.0005Y000 | |
| File: 3868.0005Y106.13.APRX | | |

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# APPENDICES

A. Redevelopment Plans
B. Previous Investigation Reports
C. Supplemental and BCP Eligibility Investigations
D. Daily and CAMP Reports
E. Geophysical Survey Report
F. Groundwater Sampling Forms
G. Soil Vapor Sampling Forms
H. Soil Boring and Monitoring Well Construction Logs
I. Analytical Data Laboratory Reports
J. Data Usability Summary Report
K. Green and Sustainable Remediation – Environmental Footprint Analysis

# APPENDIX A

Redevelopment Plans

PROPOSED NEW MIXED USE DEVELOPMENT

# E 161ST STREET - EAST TOWER

280-330 E. 161ST ST., BRONX, NY 10451



E. 161ST ST NORTH VIEW

Architecture


| | |
|---|---|
| T-001 | COVER SHEET |
| C-001 | SURVEY |
| C-002 | SITE PLAN |
| Z-001 | ZONING |
| Z-002 | ZONING PLOT PLAN |
| Z-003 | ZONING FLOOR AREAS |
| Z-004 | ZONING FLOOR AREAS DEDUCTIONS |
| Z-005 | LOT COVERAGE , PARKING DIAGRAM, AND BASE PLANE CALCULATIONS |
| A-001 | GENERAL SHEETS |
| A-002 | ACESSIBILITY DIAGRAM |
| A-003 | ACESSIBILITY DIAGRAM |
| A-103 | TYPICAL 3RD - 9TH FLOOR PLANS |
| A-104 | TYPICAL 10TH - 15TH FLOOR PLANS |
| A-105 | TYPICAL 16TH - 26TH FLOOR PLANS |
| A-106 | ROOF PLAN |
| A-200 | NORTH & EAST ELEVATIONS |
| A-201 | SOUTH & WEST ELEVATIONS |
| A-210 | BUILDING SECTION A-A |
| A-500 | 0BR APARTMENT PLANS |
| A-502 | 1BR APARTMENT PLANS |
| A-503 | 1BR APARTMENT PLANS |
| A-504 | 2BR APARTMENT PLANS |
| A-505 | 3BR APARTMENT PLAN |
| A-506 | UFAS APARTMENT PLANS |
| A-510 | TYPICAL BATHROOM PLANS & ELEVATIONS |
| A-511 | TYPICAL BATHROOM PLANS & ELEVATIONS |
| A-512 | UFAS BATHROOM PLANS & ELEVATIONS |
| A-513 | PUBLIC BATHROOM PLANS & ELEVATIONS |
| A-514 | PUBLIC BATHROOM PLANS & ELEVATIONS |
| A-517.00 | KITCHEN AND MISCELLANEOUS INTERIOR MILLWORK DETAILS |


APARTMENT DISTRIBUTION - EAST TOWER

| FLOOR | 0BR | 1BR | 2BR | 3BR | TOTAL |
|---|---|---|---|---|---|
| 1 | | | | | 0 |
| 2 | 6 | 7 | 1 | 1 | 15 |
| 3 | 6 | 7 | 1 | 1 | 15 |
| 4 | 6 | 7 | 1 | 1 | 15 |
| 5 | 6 | 7 | 1 | 1 | 15 |
| 6 | 6 | 7 | 1 | 1 | 15 |
| 7 | 6 | 7 | 1 | 1 | 15 |
| 8 | 6 | 7 | 1 | 1 | 15 |
| 9 | 6 | 7 | 1 | 1 | 15 |
| 10 | 4 | 6 | 3 | 1 | 14 |
| 11 | 4 | 6 | 3 | 1 | 14 |
| 12 | 4 | 6 | 3 | 1 | 14 |
| 13 | 4 | 6 | 3 | 1 | 14 |
| 14 | 4 | 6 | 3 | 1 | 14 |
| 15 | 4 | 6 | 3 | 1 | 14 |
| 16 | 1 | 6 | 5 | 1 | 13 |
| 17 | 1 | 6 | 5 | 1 | 13 |
| 18 | 1 | 6 | 5 | 1 | 13 |
| 19 | 1 | 6 | 5 | 1 | 13 |
| 20 | 1 | 6 | 5 | 1 | 13 |
| 21 | 1 | 6 | 5 | 1 | 13 |
| 22 | 1 | 6 | 5 | 1 | 13 |
| 23 | 1 | 6 | 5 | 1 | 13 |
| 24 | 1 | 6 | 5 | 1 | 13 |
| 25 | 1 | 6 | 5 | 1 | 13 |
| 26 | 1 | 6 | 5 | 1 | 13 |
| TOTAL | 83 | 158 | 81 | 25 | 347 |
| % | 23.92% | 45.53% | 23.34% | 7.20% | |

MOBILITY IMPAIRED CHART

| FLOOR | 0BR | 1BR | 2BR | 3BR | TOTAL |
|---|---|---|---|---|---|
| 1 | | | | | |
| 2 | 209 | | | | 1 |
| 3 | | 301 | | | 1 |
| 4 | | | 413 | | 1 |
| 5 | 509 | | | | 1 |
| 6 | | 601 | | | 1 |
| 7 | | | | | |
| 8 | | | 813 | | 1 |
| 9 | 909 | | | | 1 |
| 10 | | 1001 | | | 1 |
| 11 | | | | 1104 | 1 |
| 12 | | | 1213 | | 1 |
| 13 | | 1301 | | | 1 |
| 14 | | | | | |
| 15 | 1508 | | | | 1 |
| 16 | | 1601 | | | 1 |
| 17 | | | 1711 | | 1 |
| 18 | | | | | |
| 19 | | 1901 | | | 1 |
| 20 | | | | 2005 | 1 |
| 21 | | | | | |
| 22 | | 2201 | | | 1 |
| 23 | | | | | |
| 24 | | | | | |
| 25 | | 2501 | | | 1 |
| 26 | | | | | |
| TOTAL | 4 | 8 | 4 | 2 | 18 |
| % | | | | | 5.19% |

H.V.I. CHART

| FLOOR | 0BR | 1BR | 2BR | 3BR | TOTAL |
|---|---|---|---|---|---|
| 1 | | | | | |
| 2 | | 202 | | | 1 |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | 513 | | 1 |
| 6 | | | | | |
| 7 | 707 | | | | 1 |
| 8 | | | | | |
| 9 | | 902 | | | 1 |
| 10 | | | | | |
| 11 | | | | | |
| 12 | | | | 1204 | 1 |
| 13 | | | | | |
| 14 | 1406 | | | | 1 |
| 15 | | | | | |
| 16 | | | | | |
| 17 | | | | | |
| 18 | | 1802 | | | 1 |
| 19 | | | | | |
| 20 | | | | | |
| 21 | | | | | |
| 22 | | | | | |
| 23 | | | 2311 | | 1 |
| 24 | | | | | |
| 25 | | | | | |
| 26 | | | | | |
| TOTAL | 2 | 3 | 2 | 1 | 8 |
| % | | | | | 2.31% |




AERIAL VIEW

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
**AUFGANG.**
74 Lafayette Avenue
Suite 301
Suffern, NY 10901
845.368.0004
info@aufgang.com

Owner/Developer
**BRONX PARK GTAH II LLC:**
280 East 161st St.
Bronx, NY 10451

Structural Engineer
**DESIMONE ENGINEERING:**
140 Broadway
25th Floor
New York, NY 10005
212.532.2211

MEP Engineer
**EP ENGINEERING ASSOCIATES:**
110 William St.
32nd Floor
New York, NY 10038
646.779.0758

Civil Engineer
**PHILIP HABIB & ASSOCIATES:**
432 Park Ave. South
6th Floor
New York, NY 10016
212.929.5656


| DATE | SUBMISSIONS / REVISIONS |
|---|---|
| 10/17/2025 | ISSUED FOR 100% DD |
| 09/15/2025 | ISSUED TO DOB |
| 05/02/2025 | ISSUED FOR 50% DD |
| 11/08/2024 | ISSUED FOR 100% SD |

SHEET TITLE:

## COVER SHEET


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SEAL & SIGNATURE

ISSUE DATE: 07/26/22

PROJECT NO: Project Number

DRAWN BY: Author

CHECKED BY: Checker

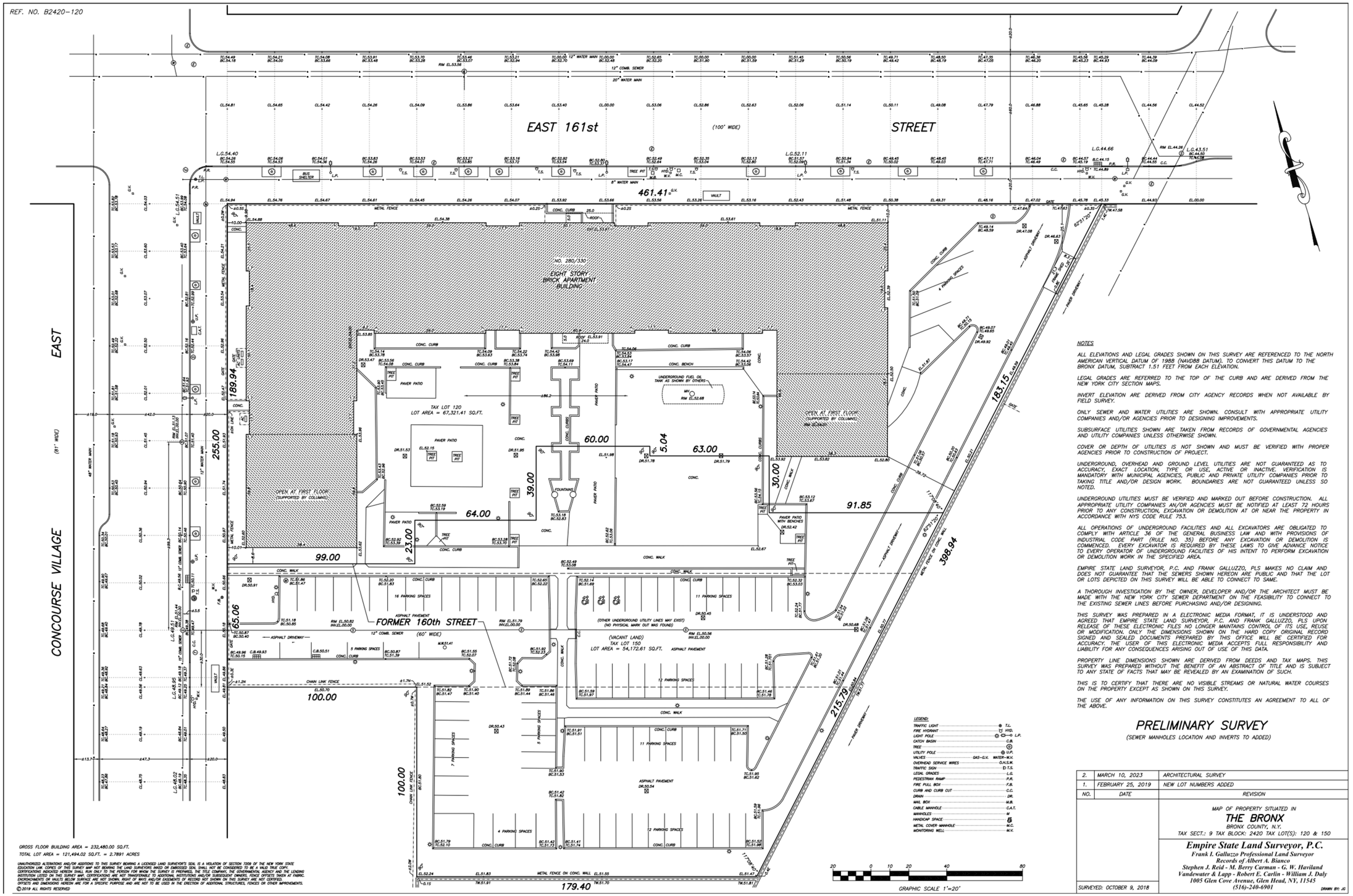
SCALE: 12" = 1'-0"

SHEET NO: OF

DRAWING NO: T-001.00

NYC DOB NUMBER: X00945951-I1

REF. NO. B2420–120




GROSS FLOOR BUILDING AREA = 232,480.00 SQ.FT.

TOTAL LOT AREA = 121,494.02 SQ.FT. = 2.7891 ACRES

UNAUTHORIZED ALTERATIONS AND/OR ADDITIONS TO THIS SURVEY BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW. COPIES OF THIS SURVEY MAP NOT BEARING THE LAND SURVEYORS INKED OR EMBOSSED SEAL SHALL NOT BE CONSIDERED TO BE A VALID TRUE COPY. CERTIFICATIONS INDICATED HEREON SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED, THE TITLE COMPANY, THE GOVERNMENTAL AGENCY AND THE LENDING INSTITUTION LISTED ON THIS SURVEY MAP. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS AND/OR SUBSEQUENT OWNERS. FENCE OFFSETS SHOWN AT TIMES ENCROACHMENTS OR WALKS BELOW SURFACE ARE NOT SHOWN. RIGHT OF WAYS AND/OR EASEMENTS OF RECORD NOT SHOWN ON THIS SURVEY ARE NOT CERTIFIED. OFFSETS AND DIMENSIONS HEREON ARE FOR A SPECIFIC PURPOSE AND ARE NOT TO BE USED IN THE ERECTION OF ADDITIONAL STRUCTURES, FENCES OR OTHER IMPROVEMENTS.

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LEGEND:

TRAFFIC LIGHT ..... T.L.
FIRE HYDRANT ..... HYD.
LIGHT POLE ..... L.P.
CATCH BASIN ..... C.B.
TREE ..... T
UTILITY POLE ..... U.P.
VALVES ..... GAS–G.V. WATER–W.V.
OVERHEAD SERVICE WIRES ..... O.H.S.W.
TRAFFIC SIGN ..... T.S.
LEGAL GRADES ..... L.G.
PEDESTRIAN RAMP ..... P.R.
FIRE PULL BOX ..... F.B.
CURB AND CURB CUT ..... C.C.
DRAIN ..... DR.
MAIL BOX ..... M.B.
CABLE MANHOLE ..... C.A.T.
MANHOLES ..... M
HANDICAP SPACE ..... H
METAL COVER MANHOLE ..... M.C.
MONITORING WELL ..... M.W.

NOTES

ALL ELEVATIONS AND LEGAL GRADES SHOWN ON THIS SURVEY ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88 DATUM). TO CONVERT THIS DATUM TO THE BRONX DATUM, SUBTRACT 1.51 FEET FROM EACH ELEVATION.

LEGAL GRADES ARE REFERRED TO THE TOP OF THE CURB AND ARE DERIVED FROM THE NEW YORK CITY SECTION MAPS.

INVERT ELEVATION ARE DERIVED FROM CITY AGENCY RECORDS WHEN NOT AVAILABLE BY FIELD SURVEY.

ONLY SEWER AND WATER UTILITIES ARE SHOWN. CONSULT WITH APPROPRIATE UTILITY COMPANIES AND/OR AGENCIES PRIOR TO DESIGNING IMPROVEMENTS.

SUBSURFACE UTILITIES SHOWN ARE TAKEN FROM RECORDS OF GOVERNMENTAL AGENCIES AND UTILITY COMPANIES UNLESS OTHERWISE SHOWN.

COVER OR DEPTH OF UTILITIES IS NOT SHOWN AND MUST BE VERIFIED WITH PROPER AGENCIES PRIOR TO CONSTRUCTION OF PROJECT.

UNDERGROUND, OVERHEAD AND GROUND LEVEL UTILITIES ARE NOT GUARANTEED AS TO ACCURACY, EXACT LOCATION, TYPE OR USE, ACTIVE OR INACTIVE. VERIFICATION IS MANDATORY WITH MUNICIPAL AGENCIES, PUBLIC AND PRIVATE UTILITY COMPANIES PRIOR TO TAKING TITLE AND/OR DESIGN WORK. BOUNDARIES ARE NOT GUARANTEED UNLESS SO NOTED.

UNDERGROUND UTILITIES MUST BE VERIFIED AND MARKED OUT BEFORE CONSTRUCTION. ALL APPROPRIATE UTILITY COMPANIES AN/OR AGENCIES MUST BE NOTIFIED AT LEAST 72 HOURS PRIOR TO ANY CONSTRUCTION, EXCAVATION OR DEMOLITION AT OR NEAR THE PROPERTY IN ACCORDANCE WITH NYS CODE RULE 753.

ALL OPERATIONS OF UNDERGROUND FACILITIES AND ALL EXCAVATORS ARE OBLIGATED TO COMPLY WITH ARTICLE 36 OF THE GENERAL BUSINESS LAW AND WITH PROVISIONS OF INDUSTRIAL CODE PART (RULE NO. 35) BEFORE ANY EXCAVATION OR DEMOLITION IS COMMENCED. EVERY EXCAVATOR IS REQUIRED BY THESE LAWS TO GIVE ADVANCE NOTICE TO EVERY OPERATOR OF UNDERGROUND FACILITIES OF HIS INTENT TO PERFORM EXCAVATION OR DEMOLITION WORK IN THE SPECIFIED AREA.

EMPIRE STATE LAND SURVEYOR, P.C. AND FRANK GALLUZZO, PLS MAKES NO CLAIM AND DOES NOT GUARANTEE THAT THE SEWERS SHOWN HEREON ARE PUBLIC AND THAT THE LOT OR LOTS DEPICTED ON THIS SURVEY WILL BE ABLE TO CONNECT TO SAME.

A THOROUGH INVESTIGATION BY THE OWNER, DEVELOPER AND/OR THE ARCHITECT MUST BE MADE WITH THE NEW YORK CITY SEWER DEPARTMENT ON THE FEASIBILITY TO CONNECT TO THE EXISTING SEWER LINES BEFORE PURCHASING AND/OR DESIGNING.

THIS SURVEY WAS PREPARED IN A ELECTRONIC MEDIA FORMAT, IT IS UNDERSTOOD AND AGREED THAT EMPIRE STATE LAND SURVEYOR, P.C. AND FRANK GALLUZZO, PLS UPON RELEASE OF THESE ELECTRONIC FILES NO LONGER MAINTAINS CONTROL OF ITS USE, REUSE OR MODIFICATION. ONLY THE DIMENSIONS SHOWN ON THE HARD COPY ORIGINAL RECORD SIGNED AND SEALED DOCUMENTS PREPARED BY THIS OFFICE WILL BE CERTIFIED FOR ACCURACY. THE USER OF THIS ELECTRONIC MEDIA ACCEPTS FULL RESPONSIBILITY AND LIABILITY FOR ANY CONSEQUENCES ARISING OUT OF USE OF THIS DATA.

PROPERTY LINE DIMENSIONS SHOWN ARE DERIVED FROM DEEDS AND TAX MAPS. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OF TITLE AND IS SUBJECT TO ANY STATE OF FACTS THAT MAY BE REVEALED BY AN EXAMINATION OF SUCH.

THIS IS TO CERTIFY THAT THERE ARE NO VISIBLE STREAMS OR NATURAL WATER COURSES ON THE PROPERTY EXCEPT AS SHOWN ON THIS SURVEY.

THE USE OF ANY INFORMATION ON THIS SURVEY CONSTITUTES AN AGREEMENT TO ALL OF THE ABOVE.

## PRELIMINARY SURVEY

(SEWER MANHOLES LOCATION AND INVERTS TO ADDED)

| NO. | DATE | REVISION |
|---|---|---|
| 2. | MARCH 10, 2023 | ARCHITECTURAL SURVEY |
| 1. | FEBRUARY 25, 2019 | NEW LOT NUMBERS ADDED |

MAP OF PROPERTY SITUATED IN
**THE BRONX**
BRONX COUNTY, N.Y.
TAX SECT.: 9 TAX BLOCK: 2420 TAX LOT(S): 120 & 150

**Empire State Land Surveyor, P.C.**
*Frank I. Galluzzo Professional Land Surveyor*
*Records of Albert A. Bianco*
*Stephen J. Reid - M. Berry Carman - G. W. Haviland*
*Vandewater & Lapp - Robert E. Carlin - William J. Daly*
*1005 Glen Cove Avenue, Glen Head, NY, 11545*
*(516)-240-6901*

SURVEYED: OCTOBER 9, 2018

DRAWN BY: JC

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150

Architect:
**AUFGANG.**
74 Lafayette Avenue
Suite 301
Suffern, NY 10901
845.368.0004
info@aufgang.com

Owner/Developer
**BRONX PARK GTAH II LLC:**
280 East 161st St.
Bronx, NY 10451

Structural Engineer
**DESIMONE ENGINEERING:**
140 Broadway
25th Floor
New York, NY 10005
212.532.2211

MEP Engineer
**EP ENGINEERING ASSOCIATES:**
110 William St.
32nd Floor
New York, NY 10038
646.779.0758

Civil Engineer
**PHILIP HABIB & ASSOCIATES:**
432 Park Ave. South
6th Floor
New York, NY 10016
212.929.5656

| DATE | SUBMISSIONS / REVISIONS |
|---|---|
| 10/17/2025 | ISSUED FOR 100% DD |
| 09/15/2025 | ISSUED TO DOB |
| 05/02/2025 | ISSUED FOR 50% DD |
| 11/08/2024 | ISSUED FOR 100% SD |

SHEET TITLE:

## SURVEY

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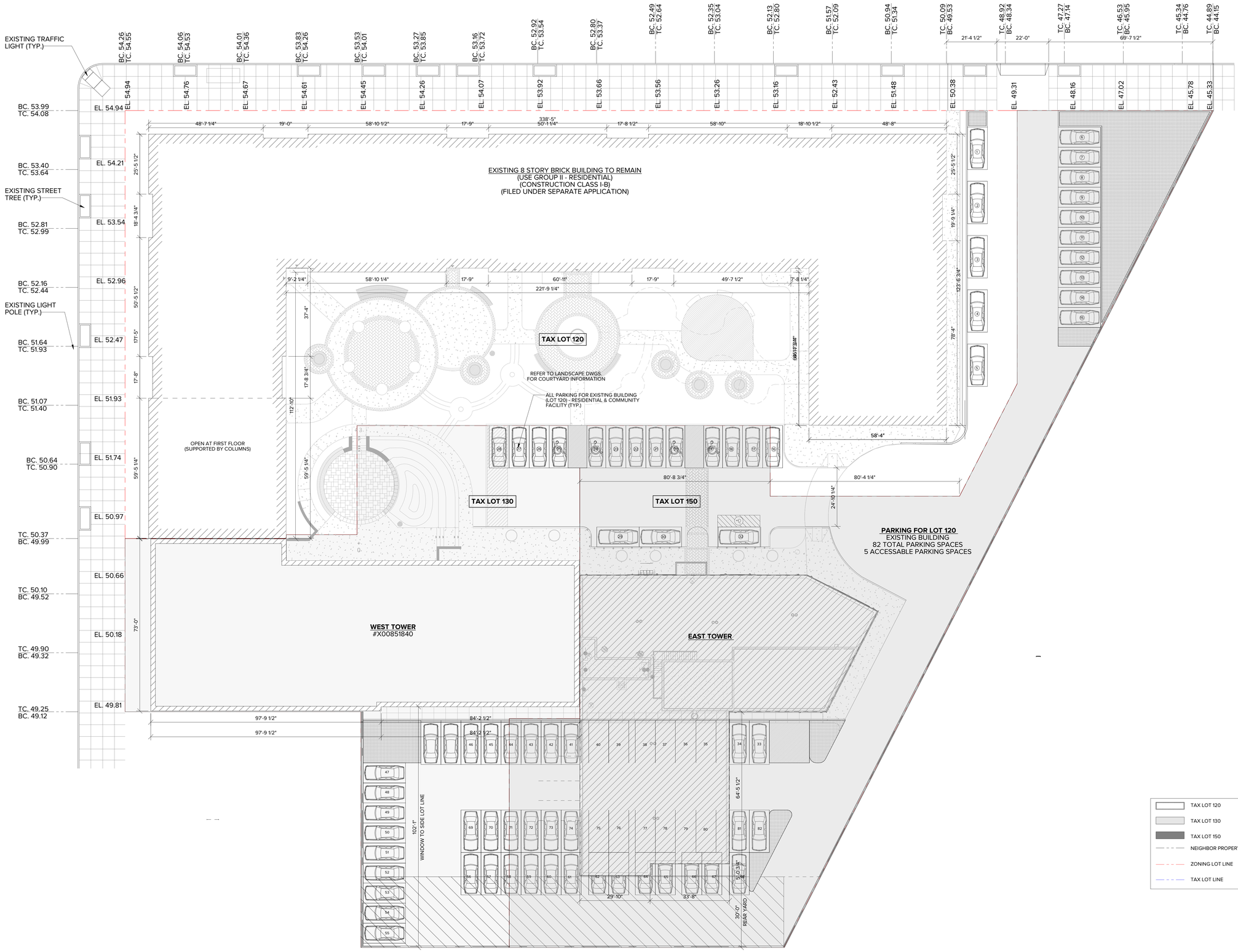
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SCALE:

SHEET NO: OF

DRAWING NO: C-001.00

NYC DOB NUMBER: X00945951-I1




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## SITE PLAN


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SEAL & SIGNATURE

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PROJECT NO: Project Number
DRAWN BY: Author
CHECKED BY: Checker
SCALE: 1/16" = 1'-0"
SHEET NO: OF
DRAWING NO: C-002.00

NYC DOB NUMBER: X00945951-I1

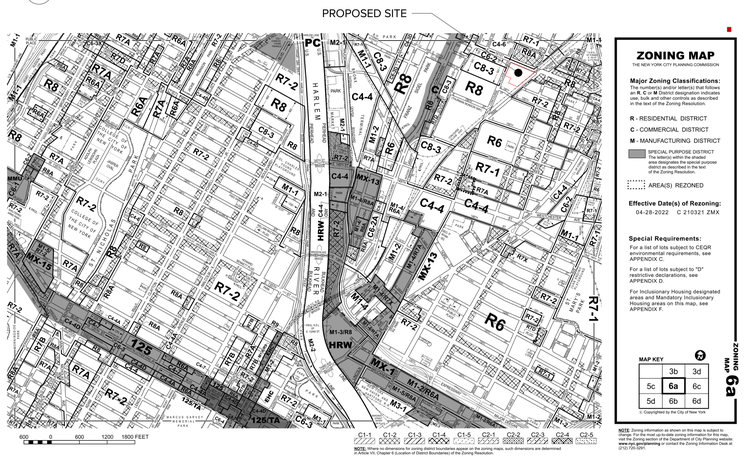
ALL FIGURES ARE PRELIMINARY AND APPROXIMATE. LOT AREAS AND EXISTING FLOOR AREAS ARE SUBJECT TO SURVEY CONFIRMATION. FINAL AREAS AND LOT ANGLES TO BE VERIFIED BY COMPLETE SURVEY

| SITE DATA: | | LIST OF REQUIRED ACTIONS | | HEIGHT FACTOR |
|---|---|---|---|---|
| Block: | 2420 | | CONST. CLASS 1-B 2HR RATED | GREATER TRANSIT ZONE; OUTER TRANSIT ZONE |
| Lots: | 120, 130, & 150 | | BUILDING CODE OCCUPANCY GROUP R-2 | |
| Street Address: | 280-330 E. 161ST STREET | | BUILDING TO BE FULLY SPRINKLERED | |
| Existing Zoning: | R8 | | BUILDING TO BE DESIGNED | |
| Community District: | 4, BRONX | | PER 2022 NYC BUILDING CODE | |
| Zoning Section Map: | 6a | | PER NYC ENERGY CODE | |
| Zoning Lot Area | 121,494.02 | | | |

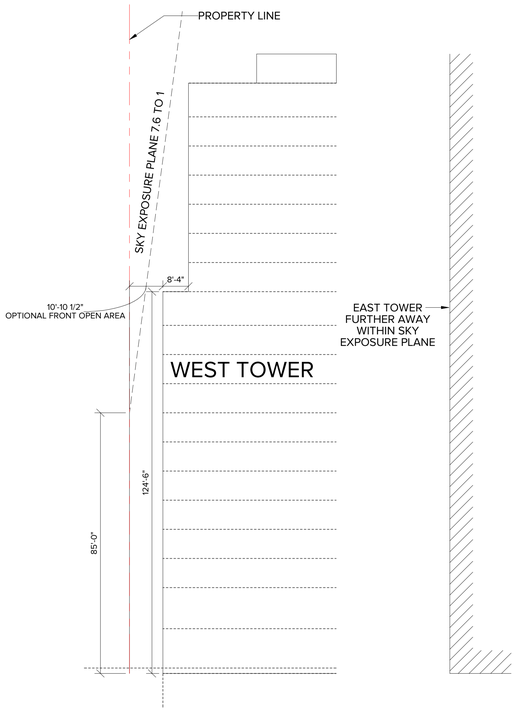
| ZR - Section | Title | Formulas | Permitted/Required | Existing | Proposed | Total | Compliance / Notes |
|---|---|---|---|---|---|---|---|
| 22-10 | USES | | I, II, III, IIIB | II & III B | II, III A & III B | II, III A & III B | OK |
| | ZONING LOT AREA | | "D" 121,494.02 | | | | OK |
| 23-73 24-163 | OSR | "A" 501,315.45 / "B" 40,908.48 | 12.25 | 30,086.00 "F" | 10,822.48 12 | 40,908.48 | OK |
| 23-73 24-163 | OSR MIN. REQUIRED | HF 12 9.2% | "C" 46,121.02 | | "E" 70,140.62 | | OK |
| 23-73 | FAR - RESIDENTIAL | "H" 701,651.70 / 40,908.48 | 17.15 | | 17 | | OK |
| 23-73 | FAR - RESIDENTIAL | HF 17 6.02 | 731,394.00 | 230,151.00 | 271,164.45 | 501,315.45 | OK |
| 23-73 24-111(b) | FAR | R8 | | | | | |
| | | RESIDENTIAL | 6.02 | 1.89 | 2.23 | | OK |
| | | COMMUNITY FACILITY - UG IIIA NON-PROFT W/ SLEEPING | 6.02 | | 1.55 | 5.78 | OK |
| | | COMMUNITY FACILITY - UG IIIB AMBULATORY DIAGNOSTIC | 6.50 | 0.04 | 0.06 | | OK |
| 23-151 | RESIDENTIAL FLOOR AREA (USE GROUP II) | FAR 6.02 | 731,394.00 | 230,151.00 | 271,164.45 | "A" 501,315.45 | OK |
| 24-013(b)(2), 24-111(b) | COMMUNITY FACILITY (WEST TOWER - NON-PROFIT W/ SLEEPING) USE GROUP IIIA | FAR 6.02 | 731,394.00 | | 188,002.25 | 188,002.25 | OK - NON PROFIT W/ SLEEPING |
| 24-11 | COMMUNITY FACILITY USE GROUP IIIB (NO SLEEPING ACCOMODATION) FLOOR AREA | FAR 6.50 | 789,711.13 | 4,516.00 | 7,818.00 | 12,334.00 | OK |
| 24-11 | TOTAL FLOOR AREA | FAR 6.50 | 789,711.13 | 234,667.00 | 466,984.70 | "I" 701,651.70 | OK |
| 23-32 | MIN LOT AREA | CORNER LOT 10,000.00 SQ. FT. INTERIOR LOT 111,494.02 SQ. FT. | | | | | |
| | LOT COVERAGE | | | | | | |
| 24-11 | | CORNER LOT 75% | 7,500.00 | | 0.00 | 0.00 | OK |
| 24-11 | | INTERIOR LOT 65% | 72,471.11 | | 10,822.48 | 10,822.48 | OK |
| 23-22, 23-24 | DENSITY | R8 680 | 867 | 204 | 266 347 | 817 | OK - NON PROFIT W/ SLEEPING OK - RESIDENTIAL |
| | YARD REGULATION | | | | | | |
| 23-45 | | FRONT YARD | NONE | NONE | NONE | | OK |
| 23-462 | | SIDE YARD | NONE | NONE | NONE | | OK |
| 23-47 | | REAR YARD | 30'-0" | 30'-0" | 30'-0" | | OK |
| | HEIGHT & SETBACKS | | | | | | |
| 24-53 | ALTERNATE FRONT OPEN AREA | WIDE STREET | 10'-0" | 10'-0" | 10'-10 1/2" (NONE FOR EAST TOWER) | | OK |
| 24-53 | HEIGHT ABOVE STREET LINE | | 85'-0" | | 85'-0" (NONE FOR EAST TOWER) | | OK |
| 24-53 | SKY EXPOSURE PLANE | WIDE STREET | 7.6 to 1 | | 7.6 to 1 (NONE FOR EAST TOWER) | | OK |
| | PERMITTED OBS | | | | | | |
| 23-62 | | PERMITTED OBSTRUCTIONS | DORMER | | N/A | | OK |
| 23-842 | OUTER COURT REG. | WIDE OUTER COURT | | | N/A | | OK |
| 23-851, 24-641 | INNER COURT REG. | 1,200 SQ. FT. (MIN) AND 30' MIN DIMENSION | | | YES | | OK |
| 23-87 | PERMITTED OBS IN COURTS | FENCE, OPEN TERRACES, SOLAR ENERGY SYSTEMS, ETC. | | | YES | | OK |
| 23-711 23-861 | MIN. DISTANCE | WINDOW TO WINDOW WINDOW TO LOT LINE | 60'-0" 30'-0" | | 69'-2" 30'-0" | | OK OK |
| | ACCESSORY OFF-STREET PARKING | | | | | | |
| 25-64 ( c ) | USE OF OPEN SPACE FOR PARKING | 50% | 23,060.51 | | 14,677.73 | | OK |
| 25-253 | EXISTING RESIDENTIAL | GOVERNMENT-ASSISTED D.U. | 51 | 81 (EXISTING TO REMAIN) | | | OK |
| 25-251 | PROPOSED RESIDENTIAL | 12% (TRANSIT ZONE) | 0 | | 0 | | OK - ALL AFFORDABLE |
| 25-31 | COMM. FAC. - NON-PROFIT INSTITUTION WITH SLEEPING ACCOMMODATIONS | NOT REQUIRED | 0 | | 0 | 81 | OK |
| 25-31 | COMM. FAC. - NON-PROFIT INSTITUTION W/OUT SLEEPING ACCOMMODATIONS | NOT REQUIRED | 0 | | | | OK |
| 25-51, 23-87 | PARKING LOCATION | IN COURTS | NO | | NO | | OK |
| | | ON SITE | YES | | YES | | OK |
| | BICYCLE PARKING | | | | | | |
| 25-811 | | RESIDENTIAL 50% | 329 | | 329 | 349 | OK |
| 25-811 | | COMM. FAC. 1 PER 10,000 SF | 20 | | 20 | | OK |



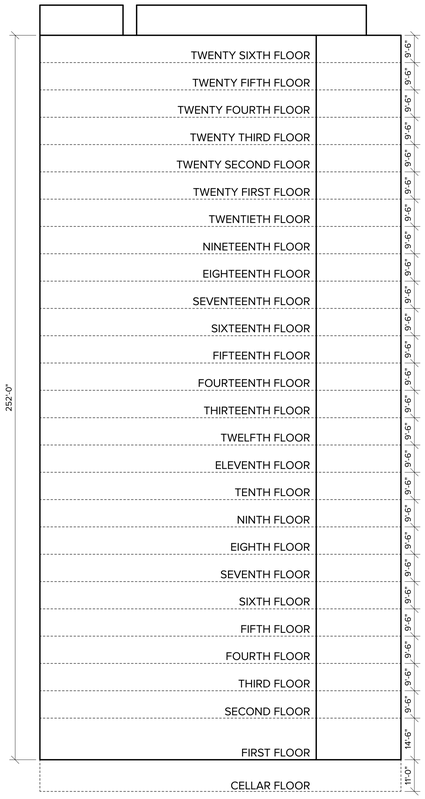

1 TAX MAP
Z-001 N.T.S.



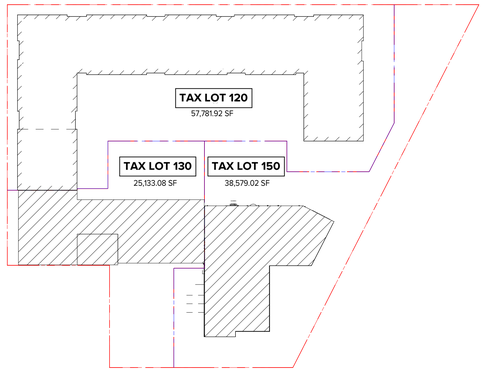

2 ZONING MAP
Z-001 N.T.S.




ZONING DIAGRAM
N.T.S.




NORTH ELEVATION (HEIGHT DIAGRAM)
N.T.S.




**OPEN SPACE CALCULATION:**

"A" = TOTAL RESIDENTIAL GROSS FLOOR AREA
EXISTING BUILDING + PROPOSED = TOTAL RESIDENTIAL
230,151.00 SF + 271,164.45 SF = 501,315.45 SF

"B" = RESIDENTIAL LOT COVERAGE
EXISTING BUILDING + PROPOSED BUILDING = TOTAL RESI LOT COVERAGE
30,086 SF 10,822.48 = 40,908.48 SF

"J" = TOTAL LOT COVERAGE (UGII + UGIIIA)
RESIDENTIAL + PROPOSED UGIIIA BUILDING = TOTAL LOT COVERAGE
40,908.48 SF + 10,444.92 SF (S.H.) = 51,353.4 SF

TOTAL RESIDENTIAL TOTAL RESIDENTIAL LOT COVERAGE
"A" 501,315.45 SF / "B" 40,908.48 SF => HF OF 12.2

@ HF 12 (R8) = 9.2% => 501,315.45 SF X 9.2% = "C" 46,121.02 SF (MIN REQ. OPEN SPACE)

"D" 121,494.02 SF (ZONING LOT) - 51,353.4 SF (TOTAL LOT COVERAGE) = "E" 70,140.62 SF

**TOTAL LOT COVERAGE "B" CALCULATION (RESIDENTIAL USES)**

EXISTING BUILDING + PROPOSED BUILDING
"G" 30,086.00 SF + "G" 10,822.48 SF = "B" 40,908.48 SF

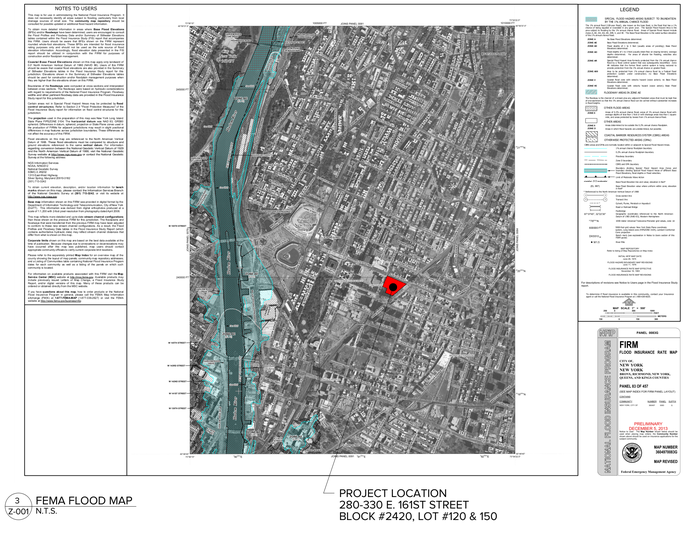
**FLOOR AREA CALCULATION:**

TOTAL DEVELOPMENT TOTAL LOT COVERAGE
"H" 701,651.70 SF / "B" 40,908.48 SF => HF OF 17.15

HF 17 (R8) = 6.02 FAR

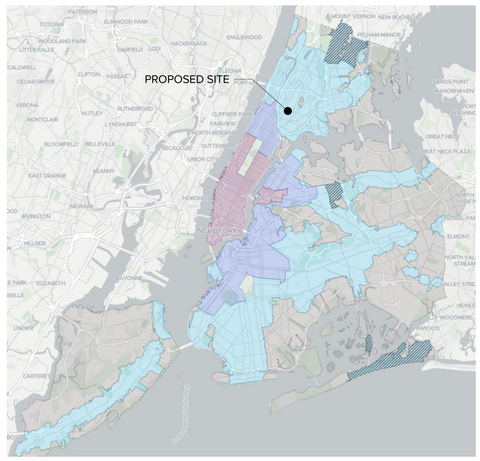
121,494.02 ZONING LOT X 6.02 FAR = 731,394.00 SF (MAX PERMITTED RESIDENTIAL AREA)

502,153.64 PROPOSED RESIDENTIAL FLOOR AREA => OK




3 FEMA FLOOD MAP
Z-001 N.T.S.

PROJECT LOCATION
280-330 E. 161ST STREET
BLOCK #2420, LOT #120 & 150




4 TRANSIT ZONE MAP
Z-001 N.T.S.

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# ZONING


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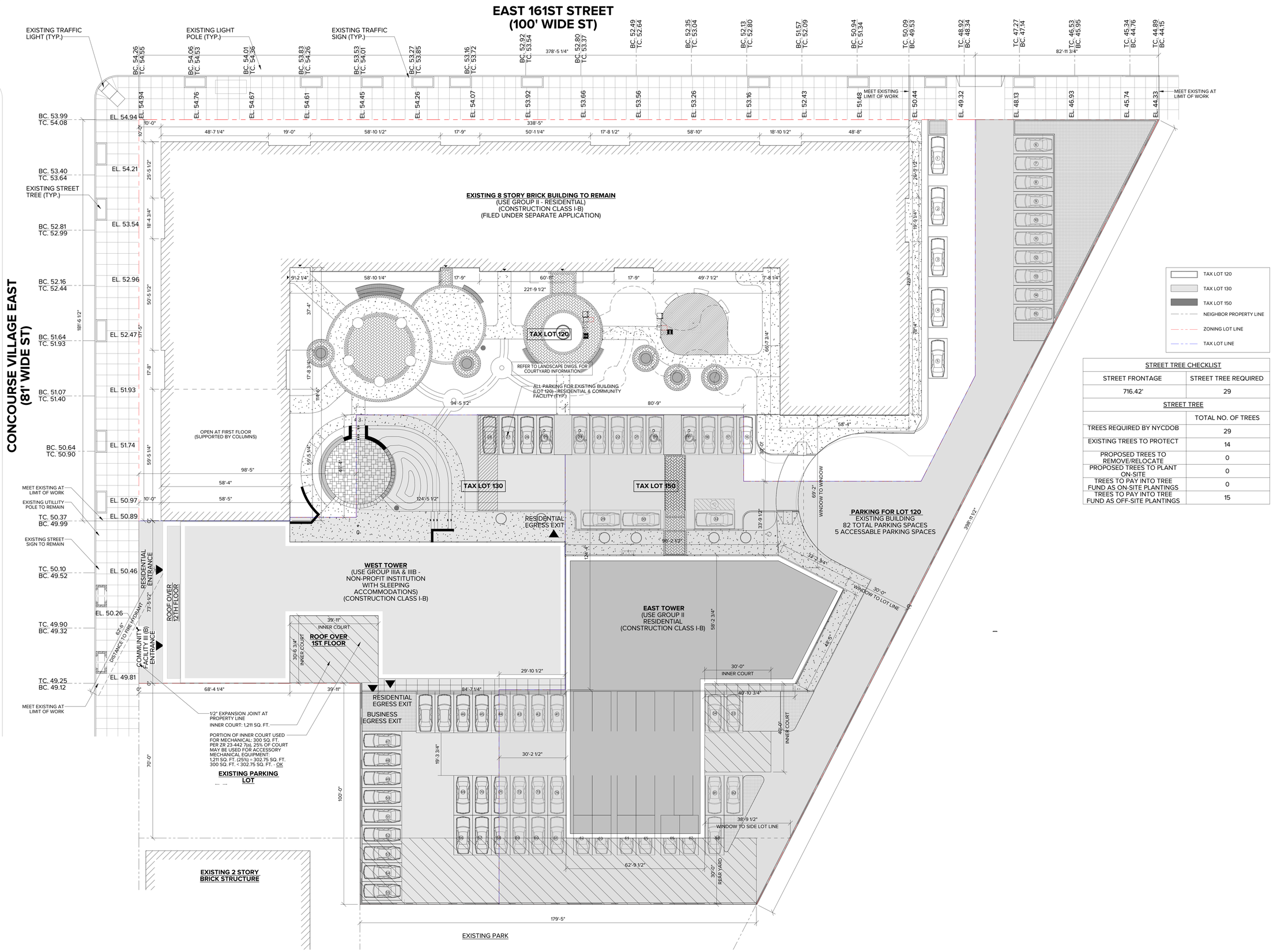
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DRAWN BY: Author CHECKED BY: Checker

SCALE: As indicated SHEET NO: OF

DRAWING NO: Z-001.00

NYC DOB NUMBER: X00945951-I1




1 Z-002 ZONING PLOT PLAN 1/16" = 1'-0"

| STREET TREE CHECKLIST | |
|---|---|
| STREET FRONTAGE | STREET TREE REQUIRED |
| 716.42' | 29 |
| STREET TREE | |
| | TOTAL NO. OF TREES |
| TREES REQUIRED BY NYCDOB | 29 |
| EXISTING TREES TO PROTECT | 14 |
| PROPOSED TREES TO REMOVE/RELOCATE | 0 |
| PROPOSED TREES TO PLANT ON-SITE | 0 |
| TREES TO PAY INTO TREE FUND AS ON-SITE PLANTINGS | 0 |
| TREES TO PAY INTO TREE FUND AS OFF-SITE PLANTINGS | 15 |

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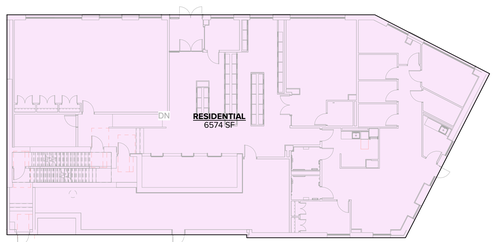
## ZONING PLOT PLAN


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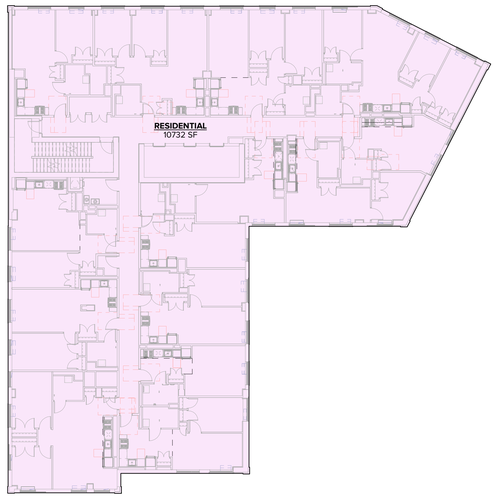

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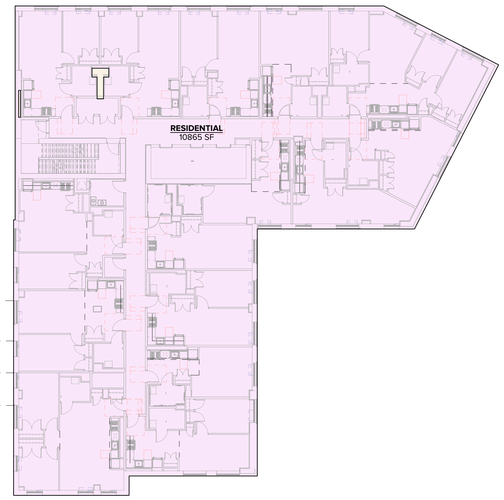
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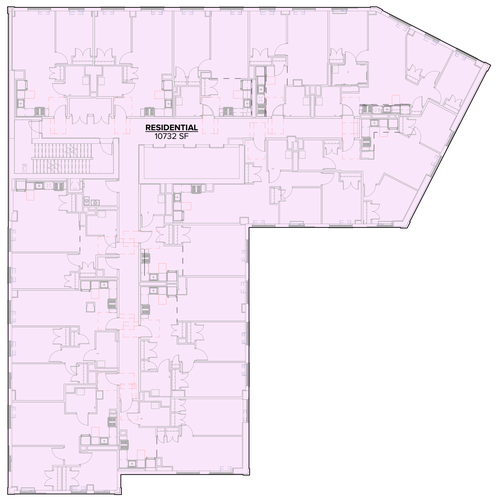

1ST FLOOR - ZONING FLOOR AREA
1/16" = 1'-0"



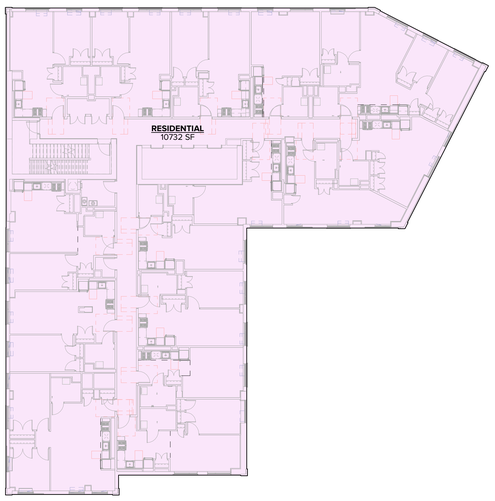

10TH-15TH FLOOR - ZONING FLOOR AREA
1/16" = 1'-0"



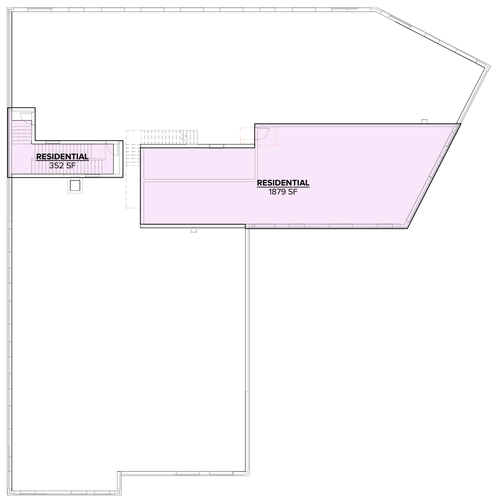

2ND FLOOR - ZONING FLOOR AREA
1/16" = 1'-0"




16TH-26TH FLOOR - ZONING FLOOR AREA
1/16" = 1'-0"




3RD-9TH FLOOR - ZONING FLOOR AREA
1/16" = 1'-0"




ROOF - ZONING FLOOR AREA
1/16" = 1'-0"

| EX. DEVELOPMENT AREA | | | | | | |
|---|---|---|---|---|---|---|
| FLOOR | EXISITNG SF | RESIDENTIAL SF | COMM. FAC. SF | TOTAL RESIDENTIAL | TOTAL COMM. FAC. | TOTAL ZONING AREA |
| C | | | | | | |
| 1 | 24065.00 | 19549.00 | 4516.00 | 19549.00 | 4516.00 | 24065.00 |
| 2 | 30086.00 | 30086.00 | | 30086.00 | | 30086.00 |
| 3 | 30086.00 | 30086.00 | | 30086.00 | | 30086.00 |
| 4 | 30086.00 | 30086.00 | | 30086.00 | | 30086.00 |
| 5 | 30086.00 | 30086.00 | | 30086.00 | | 30086.00 |
| 6 | 30086.00 | 30086.00 | | 30086.00 | | 30086.00 |
| 7 | 30086.00 | 30086.00 | | 30086.00 | | 30086.00 |
| 8 | 30086.00 | 30086.00 | | 30086.00 | | 30086.00 |
| R | 1271.63 | 1271.63 | | 1271.63 | | 1271.63 |
| TOTAL | 235938.63 | 230151.00 | 4516.00 | 230151.00 | 4516.00 | 234667.00 |

| PROPOSED DEVELOPMENT AREA - EAST TOWER (SI #220744005) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FLOOR | GROSS SF | MECH. SF | STAIRS SF | ZONE GREEN | TOTAL COMM. FAC. UG IIIB | TOTAL COMM. FAC. | TOTAL RESIDENTIAL | TOTAL ZONING AREA |
| C | | | | | | | | |
| 1 | 6,644.45 | 15.00 | 33.00 | | | | 6,596.45 | 6,596.45 |
| 2 | 10,822.48 | 227.00 | 33.00 | | | | 10,562.48 | 10,562.48 |
| 3 | 10,822.48 | 218.00 | 33.00 | | | | 10,571.48 | 10,571.48 |
| 4 | 10,822.48 | 218.00 | 33.00 | | | | 10,571.48 | 10,571.48 |
| 5 | 10,822.48 | 218.00 | 33.00 | | | | 10,571.48 | 10,571.48 |
| 6 | 10,822.48 | 218.00 | 33.00 | | | | 10,571.48 | 10,571.48 |
| 7 | 10,822.48 | 218.00 | 33.00 | | | | 10,571.48 | 10,571.48 |
| 8 | 10,822.48 | 218.00 | 33.00 | | | | 10,571.48 | 10,571.48 |
| 9 | 10,822.48 | 218.00 | 33.00 | | | | 10,571.48 | 10,571.48 |
| 10 | 10,822.48 | 210.00 | 33.00 | | | | 10,579.48 | 10,579.48 |
| 11 | 10,822.48 | 210.00 | 33.00 | | | | 10,579.48 | 10,579.48 |
| 12 | 10,822.48 | 210.00 | 33.00 | | | | 10,579.48 | 10,579.48 |
| 13 | 10,822.48 | 210.00 | 33.00 | | | | 10,579.48 | 10,579.48 |
| 14 | 10,822.48 | 210.00 | 33.00 | | | | 10,579.48 | 10,579.48 |
| 15 | 10,822.48 | 210.00 | 33.00 | | | | 10,579.48 | 10,579.48 |
| 16 | 10,822.48 | 196.00 | 33.00 | | | | 10,593.48 | 10,593.48 |
| 17 | 10,822.48 | 196.00 | 33.00 | | | | 10,593.48 | 10,593.48 |
| 18 | 10,822.48 | 196.00 | 33.00 | | | | 10,593.48 | 10,593.48 |
| 19 | 10,822.48 | 196.00 | 33.00 | | | | 10,593.48 | 10,593.48 |
| 20 | 10,822.48 | 196.00 | 33.00 | | | | 10,593.48 | 10,593.48 |
| 21 | 10,822.48 | 196.00 | 33.00 | | | | 10,593.48 | 10,593.48 |
| 22 | 10,822.48 | 196.00 | 33.00 | | | | 10,593.48 | 10,593.48 |
| 23 | 10,822.48 | 196.00 | 33.00 | | | | 10,593.48 | 10,593.48 |
| 24 | 10,822.48 | 196.00 | 33.00 | | | | 10,593.48 | 10,593.48 |
| 25 | 10,822.48 | 196.00 | 33.00 | | | | 10,593.48 | 10,593.48 |
| 26 | 10,822.48 | 196.00 | 33.00 | | | | 10,593.48 | 10,593.48 |
| R | 1,981.12 | | | | | | | |
| TOTAL | 277,206.45 | 5,184.00 | 858.00 | 0.00 | | 0.00 | 271,164.45 | 271,164.45 |

| PROPOSED DEVELOPMENT AREA - WEST TOWER | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FLOOR | GROSS SF | MECH. SF | STAIRS SF | ZONE GREEN | TOTAL COMM. FAC. UG IIIB | TOTAL COMM. FAC. UG IIIA | TOTAL RESIDENTIAL | TOTAL ZONING AREA |
| C | 11,077.52 | | | | | | | |
| 1 | 11,971.44 | 60.00 | 49.00 | | 3,050.00 | 8,812.44 | | 11,862.44 |
| 2 | 10,795.44 | 113.00 | 49.00 | | 4,768.00 | 5,865.44 | | 10,633.44 |
| 3 | 10,735.92 | 242.00 | 49.00 | | | 10,444.92 | | 10,444.92 |
| 4 | 10,735.92 | 242.00 | 49.00 | | | 10,444.92 | | 10,444.92 |
| 5 | 10,735.92 | 242.00 | 49.00 | | | 10,444.92 | | 10,444.92 |
| 6 | 10,735.92 | 242.00 | 49.00 | | | 10,444.92 | | 10,444.92 |
| 7 | 10,735.92 | 242.00 | 49.00 | | | 10,444.92 | | 10,444.92 |
| 8 | 10,735.92 | 242.00 | 49.00 | | | 10,444.92 | | 10,444.92 |
| 9 | 10,735.92 | 242.00 | 49.00 | | | 10,444.92 | | 10,444.92 |
| 10 | 10,735.92 | 242.00 | 49.00 | | | 10,444.92 | | 10,444.92 |
| 11 | 10,735.92 | 242.00 | 49.00 | | | 10,444.92 | | 10,444.92 |
| 12 | 10,735.92 | 242.00 | 49.00 | | | 10,444.92 | | 10,444.92 |
| 13 | 10,129.31 | 241.00 | 49.00 | | | 9,839.31 | | 9,839.31 |
| 14 | 10,129.31 | 241.00 | 49.00 | | | 9,839.31 | | 9,839.31 |
| 15 | 10,129.31 | 241.00 | 49.00 | | | 9,839.31 | | 9,839.31 |
| 16 | 10,129.31 | 241.00 | 49.00 | | | 9,839.31 | | 9,839.31 |
| 17 | 10,129.31 | 241.00 | 49.00 | | | 9,839.31 | | 9,839.31 |
| 18 | 10,129.31 | 241.00 | 49.00 | | | 9,839.31 | | 9,839.31 |
| 19 | 10,129.31 | 241.00 | 49.00 | | | 9,839.31 | | 9,839.31 |
| R | 2,076.00 | | | | | | | |
| TOTAL | 201,031.25 | 4,280.00 | 931.00 | 0.00 | 7,818.00 | 188,002.25 | 0.00 | 195,820.25 |

| TOTAL DEVELOPMENT AREA | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FLOOR | GROSS SF | MECH. SF | STAIRS SF | ZONE GREEN | TOTAL COMM. FAC. UG IIIB | TOTAL COMM. FAC. UG IIIA | TOTAL RESIDENTIAL | TOTAL ZONING AREA |
| C | 17,721.97 | | | | | | | |
| 1 | 46,858.92 | 287.00 | 82.00 | | 12,334.00 | 8,812.44 | 26,145.45 | 42,523.89 |
| 2 | 51,703.92 | 331.00 | 82.00 | | 4,768.00 | 5,865.44 | 40,648.48 | 51,281.92 |
| 3 | 51,644.40 | 460.00 | 82.00 | | 0.00 | 10,444.92 | 40,657.48 | 51,102.40 |
| 4 | 51,644.40 | 460.00 | 82.00 | | 0.00 | 10,444.92 | 40,657.48 | 51,102.40 |
| 5 | 51,644.40 | 460.00 | 82.00 | | 0.00 | 10,444.92 | 40,657.48 | 51,102.40 |
| 6 | 51,644.40 | 460.00 | 82.00 | | 0.00 | 10,444.92 | 40,657.48 | 51,102.40 |
| 7 | 51,644.40 | 460.00 | 82.00 | | 0.00 | 40,530.92 | 40,657.48 | 51,102.40 |
| 8 | 51,644.40 | 460.00 | 82.00 | | 0.00 | 10,444.92 | 40,657.48 | 51,102.40 |
| 9 | 21,558.40 | 460.00 | 82.00 | | 0.00 | 10,444.92 | 10,571.48 | 21,016.40 |
| 10 | 21,558.40 | 452.00 | 82.00 | | 0.00 | 10,444.92 | 10,579.48 | 21,024.40 |
| 11 | 21,558.40 | 452.00 | 82.00 | | 0.00 | 10,444.92 | 10,579.48 | 21,024.40 |
| 12 | 21,558.40 | 452.00 | 82.00 | | 0.00 | 10,444.92 | 10,579.48 | 21,024.40 |
| 13 | 20,951.79 | 451.00 | 82.00 | | 0.00 | 9,839.31 | 10,579.48 | 20,418.79 |
| 14 | 20,951.79 | 451.00 | 82.00 | | 0.00 | 9,839.31 | 10,579.48 | 20,418.79 |
| 15 | 20,951.79 | 451.00 | 82.00 | | 0.00 | 9,839.31 | 10,579.48 | 20,418.79 |
| 16 | 20,951.79 | 437.00 | 82.00 | | 0.00 | 9,839.31 | 10,593.48 | 20,432.79 |
| 17 | 20,951.79 | 451.00 | 82.00 | | 0.00 | 9,839.31 | 10,593.48 | 20,432.79 |
| 18 | 20,951.79 | 437.00 | 82.00 | | 0.00 | 9,839.31 | 10,593.48 | 20,432.79 |
| 19 | 20,951.79 | 437.00 | 82.00 | | 0.00 | 9,839.31 | 10,593.48 | 20,432.79 |
| 20 | 10,822.48 | 196.00 | 33.00 | | 0.00 | 0.00 | 10,593.48 | 10,593.48 |
| 21 | 10,822.48 | 196.00 | 33.00 | | 0.00 | 0.00 | 10,593.48 | 10,593.48 |
| 22 | 10,822.48 | 196.00 | 33.00 | | 0.00 | 0.00 | 10,593.48 | 10,593.48 |
| 23 | 10,822.48 | 196.00 | 33.00 | | 0.00 | 0.00 | 10,593.48 | 10,593.48 |
| 24 | 10,822.48 | 196.00 | 33.00 | | 0.00 | 0.00 | 10,593.48 | 10,593.48 |
| 25 | 10,822.48 | 196.00 | 33.00 | | 0.00 | 0.00 | 10,593.48 | 10,593.48 |
| 26 | 10,822.48 | 196.00 | 33.00 | | 0.00 | 0.00 | 10,593.48 | 10,593.48 |
| R | 5,328.75 | | | | | | | |
| TOTAL | 717,082.73 | 9,681.00 | 1,789.00 | 0.00 | 17,102.00 | 218,088.25 | 501,315.45 | 701,651.70 |

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
**AUFGANG.**
74 Lafayette Avenue
Suite 301
Suffern, NY 10901
845.368.0004
info@aufgang.com

Owner/Developer
**BRONX PARK GTAH II LLC:**
280 East 161st St.
Bronx, NY 10451

Structural Engineer
**DESIMONE ENGINEERING:**
140 Broadway
25th Floor
New York, NY 10005
212.532.2211

MEP Engineer
**EP ENGINEERING ASSOCIATES:**
110 William St.
32nd Floor
New York, NY 10038
646.779.0758

Civil Engineer
**PHILIP HABIB & ASSOCIATES:**
432 Park Ave. South
6th Floor
New York, NY 10016
212.929.5656


| DATE | SUBMISSIONS / REVISIONS |
|---|---|
| 10/17/2025 | ISSUED FOR 100% DD |
| 09/15/2025 | ISSUED TO DOB |
| 05/02/2025 | ISSUED FOR 50% DD |
| 11/08/2024 | ISSUED FOR 100% SD |

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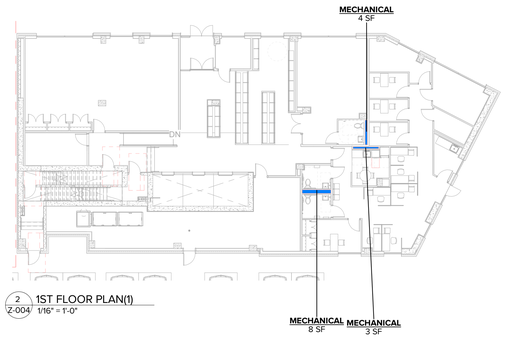
## ZONING FLOOR AREAS


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SEAL & SIGNATURE

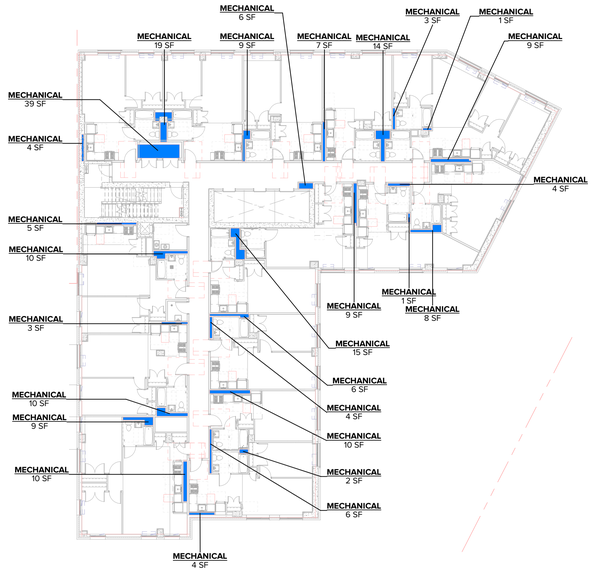
ISSUE DATE: 07/27/22
PROJECT NO: Project Number
DRAWN BY: Author
CHECKED BY: Checker
SCALE: 1/16" = 1'-0"
SHEET NO: OF
DRAWING NO: Z-003.00

NYC DOB NUMBER: X00945951-I1



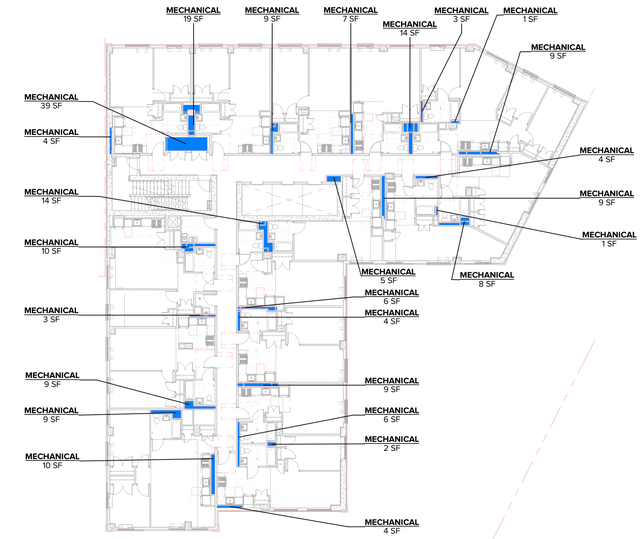

2 Z-004 1ST FLOOR PLAN(1)
1/16" = 1'-0"

| 1st Floor Plan | | |
|---|---|---|
| Level | Name | Area |
| 1ST FLOOR | MECHANICAL | 14 SF |



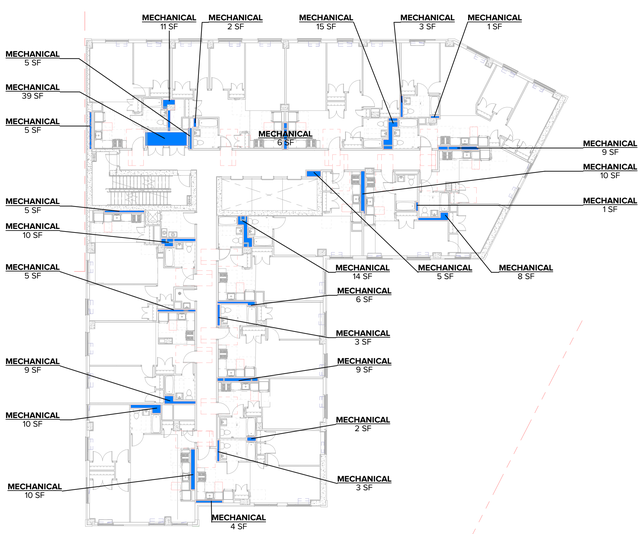

4 Z-004 2nd Floor(1)
1/16" = 1'-0"

| 2nd FLOOR DEDUCTIONS | | |
|---|---|---|
| Level | Name | Area |
| 2nd Floor | MECHANICAL | 227 SF |



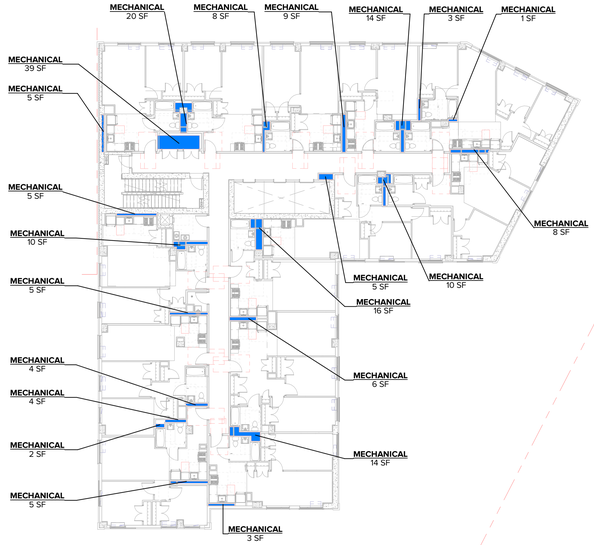

3 Z-004 3rd Floor - 9th floor plans
1/16" = 1'-0"

| 3RD FLOOR -9TH FLOOR PLANS | | |
|---|---|---|
| Level | Name | Area |
| 3rd Floor - 9th floor plans | MECHANICAL | 218 SF |



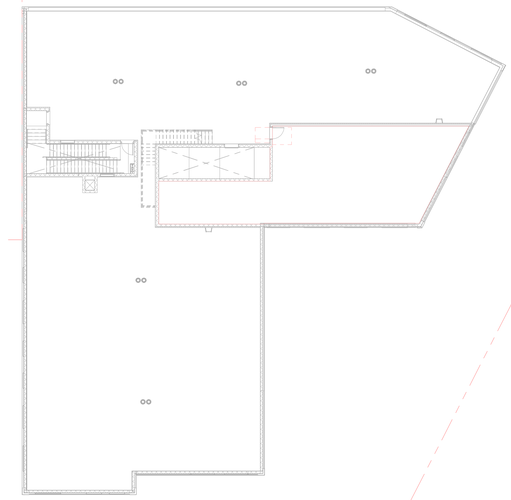

5 Z-004 10th - 15th Floor Plans
1/16" = 1'-0"

| 10TH - 15TH FLOOR PLANS | | |
|---|---|---|
| Level | Name | Area |
| 10th - 15th Floor Plans | MECHANICAL | 210 SF |




6 Z-004 16th Floor to 26th
1/16" = 1'-0"

| 16th -26th Floor Plans | | |
|---|---|---|
| Level | Name | Area |
| 16th Floor to 26th | MECHANICAL | 196 SF |



7 Z-004 Roof
1/16" = 1'-0"

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
**AUFGANG.**
74 Lafayette Avenue
Suite 301
Suffern, NY 10901
845.368.0004
info@aufgang.com

Owner/Developer
**BRONX PARK GTAH II LLC:**
280 East 161st St.
Bronx, NY 10451

Structural Engineer
**DESIMONE ENGINEERING:**
140 Broadway
25th Floor
New York, NY 10005
212.532.2211

MEP Engineer
**EP ENGINEERING ASSOCIATES:**
110 William St.
32nd Floor
New York, NY 10038
646.779.0758

Civil Engineer
**PHILIP HABIB & ASSOCIATES:**
432 Park Ave. South
6th Floor
New York, NY 10016
212.929.5656


| DATE | SUBMISSIONS / REVISIONS |
|---|---|
| 10/17/2025 | ISSUED FOR 100% DD |
| 09/15/2025 | ISSUED TO DOB |
| 05/02/2025 | ISSUED FOR 50% DD |
| 11/08/2024 | ISSUED FOR 100% SD |

SHEET TITLE:

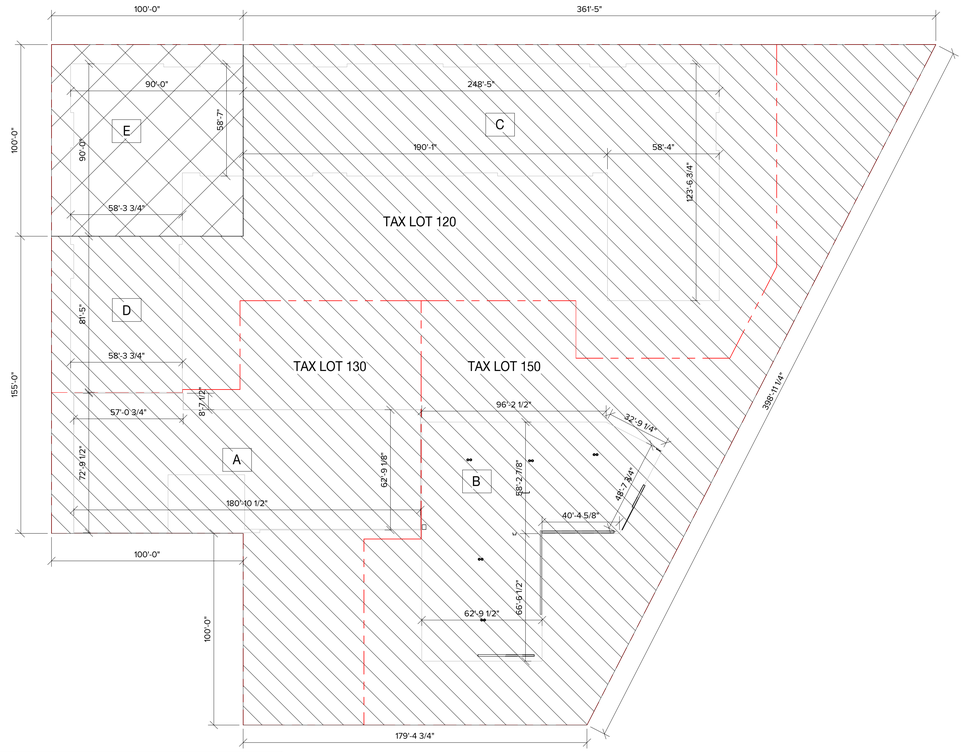
## ZONING FLOOR AREAS DEDUCTIONS


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SEAL & SIGNATURE

ISSUE DATE: 07/27/22
PROJECT NO: Project Number
DRAWN BY: Author
CHECKED BY: Checker
SCALE: 1/16" = 1'-0"
SHEET NO: OF
DRAWING NO: Z-004.00

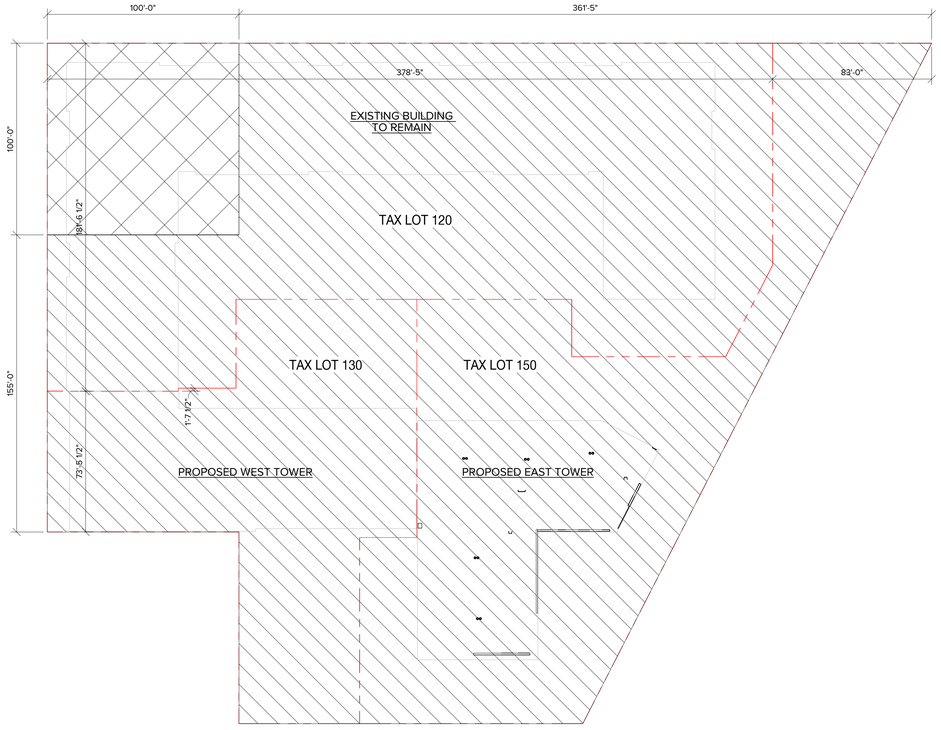
NYC DOB NUMBER: X00945951-I1




CORNER LOT - E = 7,024.62
7,024.62 SF / 10,000 SF = 70.25% COVERAGE
70.25% < 75% OK

INTERIOR LOT - A + B + C + D = 45,645.19 SQ.FT.
45,639.20 SF / 111,494.02 SF = 40.93% COVERAGE
40.93% < 65% OK

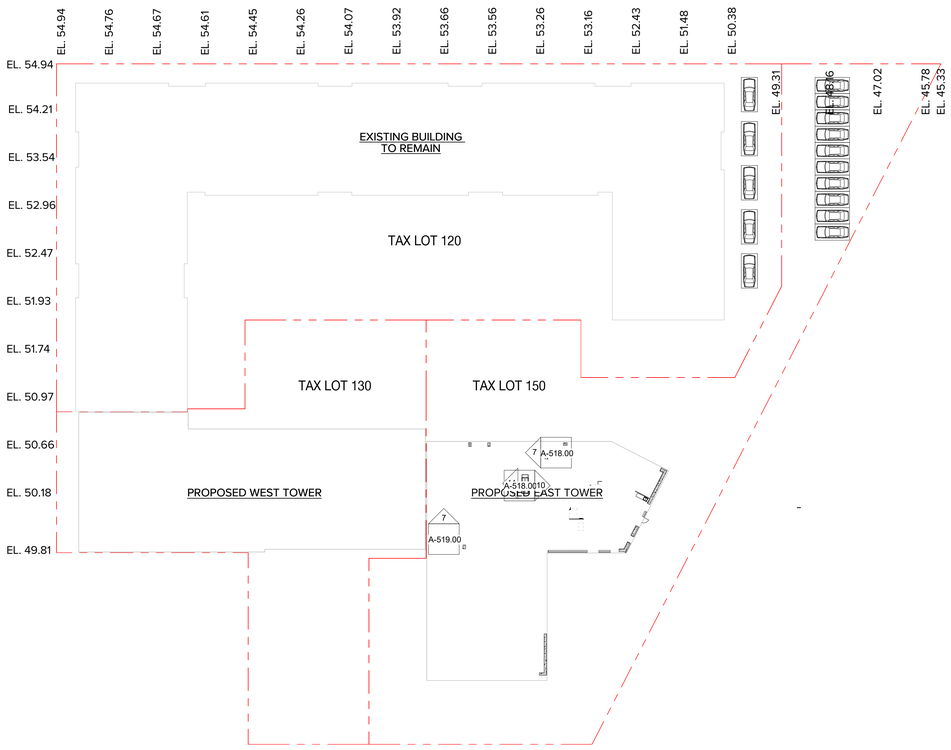
3 Z-005 LOT COVERAGE DIAGRAM 1/32" = 1'-0"



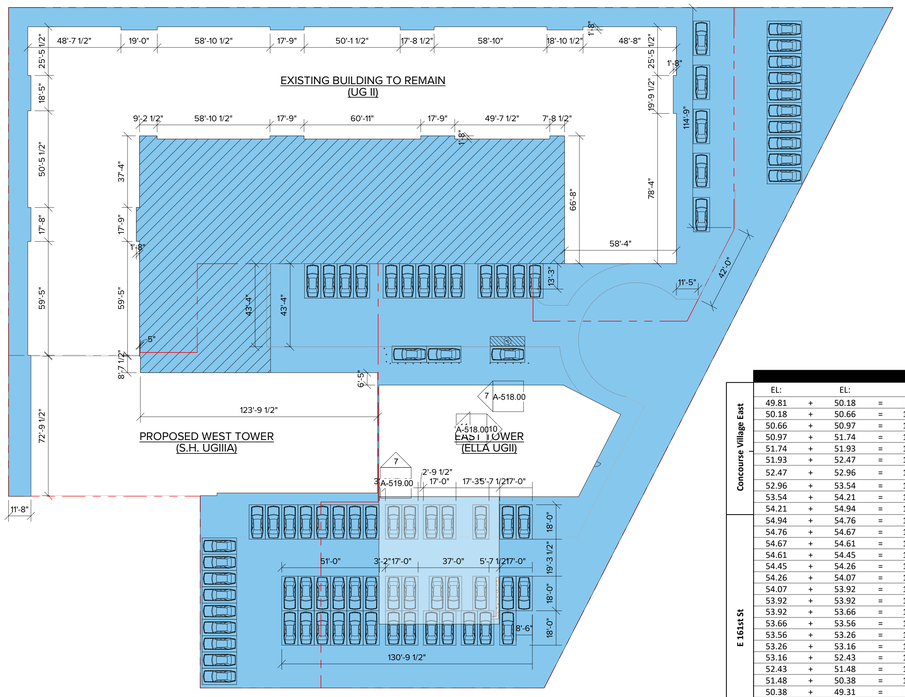

CORNER LOT - 10,000 SQ. FT.

INTERIOR LOT - 111,494.02 SQ. FT.

4 Z-005 LOT PORTION ANALYSIS 1/32" = 1'-0"




1 Z-005 1ST FLOOR 1/32" = 1'-0"




2 Z-005 OPEN SPACE DIAGRAM 1/32" = 1'-0"

| Concourse Village East | EL: | | EL: | | | AVG. EL: | | DIST. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 49.81 | + | 50.18 | = | 99.99 / 2 | = 50.00 | X | 30.00 | = | 1,499.85 |
| | 50.18 | + | 50.66 | = | 100.84 / 2 | = 50.42 | X | 25.00 | = | 1,260.50 |
| | 50.66 | + | 50.97 | = | 101.63 / 2 | = 50.82 | X | 25.00 | = | 1,270.38 |
| | 50.97 | + | 51.74 | = | 102.71 / 2 | = 51.36 | X | 25.00 | = | 1,283.88 |
| | 51.74 | + | 51.93 | = | 103.67 / 2 | = 51.84 | X | 25.00 | = | 1,295.88 |
| | 51.93 | + | 52.47 | = | 104.40 / 2 | = 52.20 | X | 25.00 | = | 1,305.00 |
| | 52.47 | + | 52.96 | = | 105.43 / 2 | = 52.72 | X | 25.00 | = | 1,317.88 |
| | 52.96 | + | 53.54 | = | 106.50 / 2 | = 53.25 | X | 25.00 | = | 1,331.25 |
| | 53.54 | + | 54.21 | = | 107.75 / 2 | = 53.88 | X | 25.00 | = | 1,346.88 |
| | 54.21 | + | 54.94 | = | 109.15 / 2 | = 54.57 | X | 25.00 | = | 1,364.38 |
| E 161st St | 54.94 | + | 54.76 | = | 109.70 / 2 | = 54.85 | X | 25.00 | = | 1,371.25 |
| | 54.76 | + | 54.67 | = | 109.43 / 2 | = 54.72 | X | 25.00 | = | 1,367.88 |
| | 54.67 | + | 54.61 | = | 109.28 / 2 | = 54.64 | X | 25.00 | = | 1,366.00 |
| | 54.61 | + | 54.45 | = | 109.06 / 2 | = 54.53 | X | 25.00 | = | 1,363.25 |
| | 54.45 | + | 54.26 | = | 108.71 / 2 | = 54.36 | X | 25.00 | = | 1,358.88 |
| | 54.26 | + | 54.07 | = | 108.33 / 2 | = 54.17 | X | 25.00 | = | 1,354.13 |
| | 54.07 | + | 53.92 | = | 107.99 / 2 | = 54.00 | X | 25.00 | = | 1,349.88 |
| | 53.92 | + | 53.92 | = | 107.84 / 2 | = 53.92 | X | 25.00 | = | 1,348.00 |
| | 53.92 | + | 53.66 | = | 107.58 / 2 | = 53.79 | X | 25.00 | = | 1,344.75 |
| | 53.66 | + | 53.56 | = | 107.22 / 2 | = 53.61 | X | 25.00 | = | 1,340.25 |
| | 53.56 | + | 53.26 | = | 106.82 / 2 | = 53.41 | X | 25.00 | = | 1,335.25 |
| | 53.26 | + | 53.16 | = | 106.42 / 2 | = 53.21 | X | 25.00 | = | 1,330.25 |
| | 53.16 | + | 52.43 | = | 105.59 / 2 | = 52.80 | X | 25.00 | = | 1,319.88 |
| | 52.43 | + | 51.48 | = | 103.91 / 2 | = 51.96 | X | 25.00 | = | 1,298.88 |
| | 51.48 | + | 50.38 | = | 101.86 / 2 | = 50.93 | X | 25.00 | = | 1,273.25 |
| | 50.38 | + | 49.31 | = | 99.69 / 2 | = 49.85 | X | 25.00 | = | 1,246.13 |
| | 49.31 | + | 48.16 | = | 97.47 / 2 | = 48.74 | X | 25.00 | = | 1,218.38 |
| | 48.16 | + | 47.02 | = | 95.18 / 2 | = 47.59 | X | 25.00 | = | 1,189.75 |
| | 47.02 | + | 45.78 | = | 92.80 / 2 | = 46.40 | X | 25.00 | = | 1,160.00 |
| | 45.78 | + | 47.02 | = | 92.80 / 2 | = 46.40 | X | 11.41 | = | 529.42 |
| | **TOTAL:** | | | | | | | **741.41** | | **38,741.27** |

BASE PLANE ELEV. = 38741.27 / 741.41 = 52.25

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
**AUFGANG.**
74 Lafayette Avenue
Suite 301
Suffern, NY 10901
845.368.0004
info@aufgang.com

Owner/Developer
**BRONX PARK GTAH II LLC:**
280 East 161st St.
Bronx, NY 10451

Structural Engineer
**DESIMONE ENGINEERING:**
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SHEET TITLE:

# LOT COVERAGE , PARKING DIAGRAM, AND BASE PLANE CALCULATIONS


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ABBREVIATIONS:

| | | | |
|---|---|---|---|
| & | AND | KTTE | KITCHENETTE |
| @ | AT | KIT | KITCHEN |
| AB | ANCHOR BOLT | KO | KNOCKOUT |
| A/C | AIR CONDITIONING | | |
| ACT | ACOUSTICAL TILE | L | LONG/LENGTH |
| ACU | AIR CONDITIONING UNIT | LAM | LAMINATED |
| ADJ | ADJACENT/ADJOINING | LAV | LAVATORY |
| ADJUST | ADJUSTABLE | LB(S) | POUND(S) |
| AFF | ABOVE FINISH FLOOR | LF | LINEAR FEET |
| AGG | AGGREGATE | LL | LIVE LOAD |
| AHU | AIR HANDLING UNIT | LP | LOW POINT |
| ALT | ALTERNATE | | |
| ALUM | ALUMINUM | MACH | MACHINE |
| APPROX | APPROXIMATE | MANUF | MANUFACTURER |
| ARCH | ARCHITECTURAL | MAX | MAXIMUM |
| AUTO | AUTOMATIC | MECH | MECHANICAL |
| AVE | AVENUE | MEP | MECHANICAL, ELECTRICAL & PLUMBING |
| AVG | AVERAGE | MED | MEDIUM |
| BD | BOARD | MEMB | MEMBRANE |
| BLDG | BUILDING | MTL | METAL |
| BLKG | BLOCKING | MEZZ | MEZZANINE |
| BM | BEAM | MH | MANHOLE |
| BOT | BOTTOM | MIN | MINIMUM |
| BRG | BEARING | MISC | MISCELLANEOUS |
| BTW | BETWEEN | MO | MASONRY OPENING |
| | | MTD | MOUNTED |
| CC | CUBIC CENTIMETER | | |
| C/C | CENTER TO CENTER | N | NORTH |
| CEM | CEMENT | NIC | NOT IN CONTRACT |
| CFM | CUBIC FEET PER MINUTE | NOM | NOMINAL |
| CJ | CONTROL JOINT (SEE EXP JT) | NTS | NOT TO SCALE |
| CLG | CEILING | | |
| CL | CLOSET | OC | ON CENTER(S) |
| CLR | CLEAR/CLEARANCE | OD | OUTSIDE DIAMETER |
| CMU | CONCRETE MASONRY UNIT | OPNG | OPENING |
| COL | COLUMN | OPP | OPPOSITE |
| CONC | CONCRETE | OZ | OUNCE |
| CONN | CONNECTION | | |
| CONST | CONSTRUCT/CONSTRUCTION | PB | PULL BOX |
| CONT | CONTINUOUS | PCF | POUNDS PER CUBIC FOOT |
| CORR | CORRIDOR | PL | PLATE |
| CPT | CARPET | P.LAM | PLASTIC LAMINATE |
| CT | CERAMIC TILE | PR | PAIR |
| CW | COLD WATER | PSF | POUNDS PER SQUARE FOOT |
| | | PSI | POUNDS PER SQUARE INCH |
| DF | DRINKING FOUNTAIN (SEE EWC) | PT | PAINT |
| DIA | DIAMETER | PTD | PAINTED |
| DIM | DIMENSION | PVC | POLYVINYL CHLORIDE |
| DL | DEAD LOAD | | |
| DN | DOWN | QT | QUARRY TILE |
| DTL | DETAIL | QTY | QUANTITY |
| DWG | DRAWING | | |
| | | R | RISER |
| E | EAST | RAD | RADIUS |
| EA | EACH | REBAR | REINFORCING BAR |
| EB | EXPANSION BOLT (SEE AB) | REF | REFERENCE/ REFER TO |
| EIFS | EXTERIOR INSULATED FINISH SYSTEM | REINF | REINFORCE/REINFORCING |
| EJ | EXPANSION JOINT (SEE CJ) | REQ | REQUIRED |
| EL | ELEVATION | REV | REVISION |
| ELEC | ELECTRICAL/ELECTRIC | RM | ROOM |
| ELEV | ELEVATOR | RO | ROUGH OPENING |
| EMER | EMERGENCY | RUB | RUBBER |
| ENCL | ENCLOSURE/ENCLOSED | | |
| ENGR | ENGINEER | S | SOUTH |
| ENTR | ENTRANCE | SCHED | SCHEDULE |
| EQ | EQUAL | SECT | SECTION |
| EQUIP | EQUIPMENT | SHT | SHEET |
| EXIST | EXISTING | SIM | SIMILAR |
| EXH | EXHAUST | SPEC | SPECIFICATION |
| EXP | EXPOSED | SQ | SQUARE |
| EXPAN | EXPANDED/EXPANSION | SF | SQUARE FEET |
| EXT | EXTERIOR | SS | STAINLESS STEEL |
| | | ST | STREET |
| FA | FIRE ALARM | STC | SOUND TRANSMISSION CLASS |
| FAB | FABRICATED | STD | STANDARD |
| FD | LOOR DRAIN | STL | STEEL |
| FE | FIRE EXTINGUISHER | STL DR | STEEL DOOR |
| FHC | FIRE HOSE CABINET | STOR | STORAGE |
| FIN | FINISH | STRUCT | STRUCTURE/STRUCTURAL |
| FIX | FIXTURE | SUSP | SUSPEND/SUSPENDED |
| FL | FLOOR/FLOORING | SYM | SYMMETRICAL |
| FD | FLOOR DRAIN | SYS | SYSTEM |
| FDN | FOUNDATION | | |
| FP | FIREPROOF | T/CONC | TOP OF CONCRETE |
| FT | FOOT/FEET | T/STL | TOP OF STEEL |
| | | T/WALL | TOP OF WALL |
| GA | GAGE (GAUGE) | T&B | TOP AND BOTTOM |
| GAL | GALLON | T&G | TONGUE AND GROOVE |
| GALV | GALVANIZED | TEL | TELEPHONE |
| GC | GENERAL CONTRACTOR | TEMP | TEMPERATURE (IF UNLESS NOTED) |
| GL | GLASS | TEMP GL | TEMPERED GLASS |
| GPM | GALLONS PER MINUTE | TF | TEMPORARY FIXTURE |
| GYP | GYPSUM | THK | THICK/THICKNESS |
| GWB | GYPSUM WALL BOARD | T.O.S. | TOP OF SLAB |
| | | TV | TELEVISION |
| H | HIGH | TYP | TYPICAL |
| HB | HOSE BIB | | |
| HDW | HARDWARE | UR | URINAL |
| HM | HOLLOW METAL (STEEL) | U.O.N. | UNLESS OTHERWISE NOTED |
| HOR | HORIZONTAL | UL | UNDERWRITERS LABORATORIES |
| HP | HIGH POINT | | |
| HR | HOUR | VCB | VINYL COVE BASE |
| HT | HEIGHT | VCT | VINYL COMPOSITION TILE |
| HVAC | HEATING, VENTILATION AND AIR CONDITIONING | VERT | VERTICAL |
| | | VEST | VESTIBULE |
| HW | HOT WATER | VIF | VERIFY IN FIELD |
| HWD | HARDWOOD | VOL | VOLUME |
| ID | INSIDE DIAMETER | W | WEST |
| IN | INCH (ES) | W/ | WITH |
| INCL | INCLUDING/INCLUDED | W/0 | WITHOUT |
| INSUL | INSULATE/INSULATED/INSULATION | WC | WATER CLOSET |
| INT | INTERIOR | WD | WOOD |
| INV | INVERTED/INVERT | WGL | WIRE GLASS |
| | | WL | WORK LINE |
| JC | JANITORS CLOSET | WP | WORKING POINT |
| JT | JOINT | WT | WEIGHT |
| | | WWF | WELDED WIRE FABRIC |

GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE 2014 NEW YORK CITY BUILDING CODE, CC / ANSI A 117.1 - 2009, FIRE DEPARTMENT REGULATIONS, UTILITY COMPANY REQUIREMENTS AND THE BEST TRADE PRACTICES.
2. BEFORE COMMENCING WORK, THE CONTRACTOR SHALL FILE ALL REQUIRED CERTIFICATES OF INSURANCE WITH THE DEPARTMENT OF BUILDINGS, OBTAIN ALL REQUIRED PERMITS, AND PAY ALL FEES REQUIRED BY GOVERNING NEW YORK CITY AGENCIES.
3. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD PRIOR TO COMMENCING WORK, AND SHALL REPORT ANY DISCREPANCIES BETWEEN DRAWINGS AND FIELD CONDITIONS TO THE ARCHITECT IMMEDIATELY.
4. THE CONTRACTOR IS NOT TO SCALE DRAWINGS OR DETAILS. ONLY WRITTEN DIMENSIONS ARE TO BE USED.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL CONDITIONS AND MATERIALS WITHIN THE PROPOSED CONSTRUCTION AREA. THE CONTRACTOR SHALL DESIGN AND INSTALL ADEQUATE SHORING AND BRACING FOR ALL STRUCTURAL OR REMOVAL TASKS. THE CONTRACTOR SHALL HAVE SOLE RESPONSIBILITY FOR ANY DAMAGE OR INJURIES CAUSED BY OR DURING THE EXECUTION OF THE WORK.
6. THE CONTRACTOR SHALL LAY OUT HIS OWN WORK, AND SHALL PROVIDE ALL DIMENSIONS REQUIRED FOR OTHER TRADES (PLUMBING, ELECTRICAL, ETC.).
7. PLUMBING AND ELECTRICAL WORK SHALL BE PERFORMED BY PERSONS LICENSED IN THEIR TRADES, WHO SHALL ARRANGE FOR AND OBTAIN INSPECTIONS AND REQUIRED SIGN-OFFS.
8. THE CONTRACTOR SHALL DO ALL CUTTING, PATCHING AND REPAIRING AS REQUIRED TO COMPLETE ALL OF THE WORK INDICATED ON THE DRAWINGS, AND ALL OTHER WORK THAT MAY BE REQUIRED TO COMPLETE THE JOB.
9. TYPES OF CONSTRUCTION SHALL COMPLY WITH THE REQUIREMENTS OF CHAPTER 6 OF N.Y.C. BLDG. CODE. AT LEAST 24 HR. WRITTEN NOTICE SHALL BE GIVEN TO THE COMMISSIONER BEFORE COMMENCEMENT OF WORK.
10. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND SAMPLES ON ALL ITEMS SPECIFIED ON THE CONTRACT DOCUMENTS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO PURCHASING AND INSTALLATION.
11. ALL DEBRIS ON THE PROPERTY DUE TO CONSTRUCTION SHALL BE REMOVED.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR ARRANGING AND PAYING FOR ALL CONTROLLED INSPECTIONS REQUIRED BY LAW, AND FOR ARRANGING ALL CONSTRUCTION, PLUMBING, ELECTRICAL, OR OTHER INSPECTIONS RELATED TO THE PROPOSED WORK. A PROPOSED SCHEDULE OF THESE INSPECTIONS SHALL BE INCLUDED IN THE PROPOSED WORK SCHEDULE. CONTRACTOR SHALL PROVIDE INSPECTION SIGN-OFF'S TO OWNER AND ARCHITECT.
13. CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS, ALSO HE SHALL NOTIFY THE ARCHITECT OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN ON THESE DRAWINGS PRIOR TO THE START OF WORK. WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS.
14. DIMENSIONS SHOWN ON FLOOR PLANS, SECTIONS, ELEVATIONS, AND DETAILS ARE TO FINISH FACE OF WALLS OR CENTER LINE OF COLUMNS TYPICALLY, UNLESS OTHERWISE NOTED.
15. ABBREVIATIONS THROUGHOUT THE PLANS ARE THOSE IN COMMON USE. NOTIFY THE ARCHITECT OF ANY ABBREVIATIONS IN QUESTION.
16. CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS ARE COMPLEMENTARY. ANYTHING SHOWN ON ARCHITECTURAL DRAWINGS AND NOT SHOWN ON CIVIL, STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS, OR SHOWN ON CIVIL, STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS AND NOT SHOWN ON ARCHITECTURAL DRAWINGS SHALL BE INTERPRETED AS BEING SHOWN ON ALL TRADES
17. FINISH FLOOR ELEVATIONS ARE AS ESTABLISHED DATUM LINE. UNLESS OTHERWISE NOTED, THE CONTRACTOR WILL BE RESPONSIBLE FOR VERIFYING FLOOR-TO-FLOOR ELEVATIONS.
18. IN THE CASE OF A CONFLICT BETWEEN THE DRAWINGS AND THE SPECIFICATIONS, SPECIFICATIONS SHALL TAKE PRECEDENCE. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER OF ANY CONFLICT BEFORE PROCEEDING WITH THE WORK.
19. CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS AND EQUIPMENT AS REQUIRED TO PROPERLY AND FULLY COMPLETE THE WORK AS INDICATED BY THE DRAWINGS AND SPECIFICATIONS.
20. CONTRACTOR SHALL REMOVE, CUT, PATCH AND REFRAMED WALLS, PARTITIONS, FLOORS, FRAMES, DOORS, MOLDINGS, PIPE FIXTURES AND CONDUIT AS REQUIRED TO PROPERLY EXECUTE THE WORK.
21. CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKS, COLLAPSE, DISTORTIONS, AND OFF-ALIGNMENT ACCORDING TO APPLICABLE STANDARD CODES (INCLUDING CHAPTER 33 OF THE NYC BUILDING CODE) AND GOOD PRACTICE.
22. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE VARIOUS TRADE ITEMS WITHIN THE SPACE ABOVE ALL CEILINGS (INCLUDING, BUT NOT LIMITED TO, STRUCTURAL MEMBERS, MECHANICAL DUCTS AND INSTALLATION, CONDUITS, RACEWAYS, SPRINKLER SYSTEM, LIGHT FIXTURES, CEILING SYSTEMS, AND ANY SPECIAL STRUCTURAL SUPPORTS REQUIRED) AND SHALL BE RESPONSIBLE FOR MAINTAINING THE FINISH CEILING HEIGHT ABOVE THE FINISH FLOOR AS INDICATED ON THE DRAWINGS AND THE FINISH SCHEDULE. (CEILING HEIGHT DIMENSIONS ARE TO THE FINISH SURFACE OF CEILING).
23. THE CONTRACTOR SHALL PROTECT ALL FINISH WORK SURFACES FROM DAMAGE DURING THE COURSE OF CONSTRUCTION AND SHALL REPLACE AND/OR REPAIR ALL DAMAGED SURFACES CAUSED BY CONTRACTOR OR SUBCONTRACTOR PERSONNEL TO THE SATISFACTION OF THE OWNER AND ARCHITECT.
24. CONTRACTOR SHALL PROPERLY PROTECT AND MAKE SAFE ADJACENT PROPERTY AS JOB CONDITIONS REQUIRE. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO ISOLATE ALL WORK AREAS AND CLEARLY DEFINE PATHS OF ACCESS TO THE WORK FOR WORKMEN IN ORDER TO INSURE MINIMIZATION OF DUST INFILTRATION TO OTHER AREAS OF THE BUILDING AND TO PREVENT DAMAGE TO FLOORS, WALLS AND CEILINGS OF PUBLIC AND/OR FREIGHT ACCESS AREAS. IF SUCH DAMAGE SHOULD OCCUR, CONTRACTOR SHALL CORRECT IT IMMEDIATELY AT HIS OWN COST.
25. ALL PRECAUTIONS ARE TO BE TAKEN TO PREVENT DIRT AND DUST FROM PERMEATING INTO OTHER PARTS OF THE BUILDING DURING THE PROGRESS OF THE WORK. MATERIALS AND RUBBISH SHALL BE PLACED IN BARRELS OR BAGS BEFORE BEING TAKEN OUT OF THE IMMEDIATE AREA OF CONSTRUCTION. ALL SUCH BARRELS, BAGS, RUBBISH, RUBBLE, DISCARDED EQUIPMENT, EMPTY PACKING CARTONS AND OTHER MATERIALS WILL BE TAKEN OUT OF THE BUILDING AND PROPERLY REMOVED FROM THE PREMISES AS PART OF THE WORK UNDER THIS CONTRACT.
26. SPECIAL NOTICE TO CONTRACTORS: ALL CONTRACTORS PERFORMING WORK ON THE PREMISES SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING A REASONABLE AND PRUDENT SAFETY PROGRAM INCLUDING BUT NOT LIMITED TO THE ISOLATION OF WORK AREAS AND THE PROMPT REMOVAL OF ANY DEBRIS OR TOOLS WHICH MIGHT ENDANGER VISITORS AND STAFF OF THE OWNER OR ARCHITECT.
27. IF THE CONTRACTOR ASCERTAINS AT ANY TIME THAT REQUIREMENTS OF THIS CONTRACT CONFLICT WITH, OR ARE IN VIOLATION OF, APPLICABLE LAWS, CODES, REGULATIONS AND ORDINANCES, HE SHALL NOT PROCEED WITH WORK IN QUESTION, EXCEPT AT HIS OWN RISK, UNTIL ARCHITECT HAS BEEN NOTIFIED IN WRITING AND WRITTEN DETERMINATION IS MADE BY THE ARCHITECT. WHERE COMPLETED OR PARTIALLY COMPLETED WORK IS DISCOVERED TO BE IN VIOLATION WITH APPLICABLE LAWS, CODES, REGULATIONS AND ORDINANCES, CONTRACTOR SHALL BE REQUIRED TO REMOVE THAT WORK FROM THE PROJECT AND REPLACE SUCH WORK WITH ALL NEW COMPLYING WORK AT NO ADDITIONAL COST TO THE OWNER OR ARCHITECT.
28. ANY WORK INSTALLED IN CONFLICT WITH THE CONTRACT DOCUMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT HIS EXPENSE AND AT NO ADDITIONAL EXPENSE TO THE OWNER, ARCHITECT, OR CONSULTANTS.
29. CONTRACTOR SHALL COORDINATE ALL AREAS OF WORK WITH ALL SUB-CONTRACTORS AND OTHER TRADES INVOLVED WITH THE PROJECT.
30. COORDINATE SPACE REQUIREMENTS AND INSTALLATION OF MECHANICAL AND ELECTRICAL WORK INDICATED ON DRAWINGS. VERIFY LOCATION AND REQUIRED OPENING SIZES FOR MECHANICAL EQUIPMENT, LOCATION AND SIZES OF EQUIPMENT FOR PADS AND BASES AND REQUIREMENT, AND LOCATION OF POWER AND WATER OR DRAIN INSTALLATION WITH EQUIPMENT MANUFACTURERS BEFORE PROCEEDING WITH THE WORK.
31. COMPLY WITH INSTALLATION REQUIREMENTS OF MANUFACTURER'S INSTRUCTIONS AND APPROVED SHOP DRAWINGS.
32. CONTRACTOR SHALL ANALYZE ELECTRICAL REQUIREMENTS OF EQUIPMENT TO BE INSTALLED AND ADVISE ARCHITECT OF THE NEED, IF ANY, TO UPGRADE EXISTING POWER SUPPLY PRIOR TO PROCEEDING WITH ELECTRICAL WORK.
33. CONTRACTOR SHALL PROVIDE OWNER WITH ALL MANUALS, MAINTENANCE SCHEDULES, AND OTHER REQUIREMENTS NECESSARY FOR THE MAINTENANCE OF EQUIPMENT INSTALLED AS PART OF THIS CONTRACT. ALL MANUFACTURER'S WARRANTIES SHALL BE TRANSFERRED TO OWNER UPON COMPLETION OF WORK.
34. CONTRACTOR SHALL IDENTIFY ALL NEW EXPOSED PIPES, VALVES, AND CONDUIT WITH STAMPED METAL TAGS AND SHALL LABEL ELECTRIC PANEL BOXES WITH CIRCUIT DESIGNATIONS UPON COMPLETION OF WORK.
35. CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP IN THIS CONTRACT FOR A PERIOD OF ONE YEAR FOLLOWING ARCHITECT'S CERTIFICATION OF SUBSTANTIAL COMPLETION, AND SHALL REMEDY ANY DEFECTS IN SUCH WORK THAT ARISES DURING THAT TIME AT NO COST TO THE OWNER.
36. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES BELOW GRADE AND RELATED SERVICE CONNECTIONS WITH THE RESPECTIVE UTILITY COMPANIES.
37. THE CONTRACTOR SHALL COORDINATE THE REMOVAL, ABANDONMENT, AND/OR RELOCATION OF EXISTING UTILITIES ABOVE OR BELOW GRADE WITH THE RESPECTIVE UTILITY COMPANIES.
38. TEMPORARY FACILITIES:
    A) THE CONTRACTOR SHALL PROVIDE A STAGING AND MATERIAL STORAGE AREA ADJACENT TO THE AREA OF CONSTRUCTION. LOCATION SHALL BE COORDINATED WITH THE OWNER. IN ACCORDANCE WITH CHAPTER 31 OF THE 2014 NYC BUILDING CODE.
    B) THE CONTRACTOR SHALL MAKE NECESSARY CONNECTIONS TO EXISTING UTILITIES FOR TEMPORARY POWER AND WATER SUPPLIES, AND SHALL COORDINATE SUCH USE WITH THE OWNER PRIOR TO CONNECTION. IN ACCORDANCE WITH CHAPTER 33 OF THE NYC BUILDING CODE).
39. C) THE CONTRACTOR SHALL PROVIDE TEMPORARY BARRICADES TO SEPARATE CONSTRUCTION AREAS FOR PUBLIC SAFETY AROUND ENTIRE PERIMETER OF CONSTRUCTION AREA. IN ACCORDANCE WITH CHAPTER 31 & 33 OF THE 2014 NYC BUILDING CODE).
40. FIRE-RATED PARTITION WALLS AND FIRE-RATED OCCUPANCY SEPARATION WALLS SHALL EXTEND FROM CONCRETE FLOOR SLABS UP TO UNDERSIDE OF STRUCTURE ABOVE. ALL OPENINGS SHALL BE PROTECTED IN ACCORDANCE WITH CHAPTER 7 OF THE 2014 NYC BUILDING CODE.
41. ALL PENETRATIONS THRU FIRE-RATED WALLS, FLOORS AND CEILINGS SHALL BE INSTALLED WITH FIRE DAMPERS, FIRE SEAL, ETC., SO AS TO MAINTAIN THE FIRE RESISTIVE RATING AND STRUCTURAL INTEGRITY OF WALL OR CEILING ASSEMBLY. ALL OPENINGS SHALL BE PROTECTED IN ACCORDANCE WITH CHAPTER 7 OF THE 2014 NYC BUILDING CODE.
42. FINAL CLEAN UP AND DISPOSAL: REMOVE DEBRIS, RUBBISH AND WASTE MATERIAL FROM THE OWNER'S PROPERTY TO A LAWFUL DISPOSAL AREA AND PAY ALL HAULING AND DUMPING COSTS. CONFORM TO PERTAINING FEDERAL STATE AND LOCAL LAWS, REGULATIONS AND ORDERS UPON COMPLETION OF WORK, ALL CONSTRUCTION AREAS SHALL BE LEFT VACUUM-CLEAN AND FREE FROM DEBRIS. CLEAN ALL DUST, DIRT, STAINS, HAND MARKS, PAINT SPOTS, DROPPINGS, AND OTHER BLEMISHES FROM ALL FINISHED SURFACES.
43. PROVIDE CONC. LINTELS ABOVE ALL MASONRY OPENINGS (TYP) U.O.N. SEE STRUCTURAL DRAWINGS FOR LINTEL SCHEDULE.
44. PROVIDE CONC. LINTELS ABOVE ALL MECHANICAL OPENINGS IN MASONRY WALLS (TYP).
45. G.C. SHALL COORDINATE SIZE & LOCATION OF ALL HVAC OPENINGS IN CONCRETE FLOOR & ROOF WITH MECHANICAL DRAWINGS & CONC. DECK CONTRACTOR. ALL VERTICAL SHAFT WALLS ENCLOSING HVAC DUCTS SHALL BE 2-HR RATED (TYP) WHERE PENETRATES THREE STORIES OR MORE (BC 707.4) IF SHAFT EXTENDS UP TO THE UNDERSIDE OF A NON-COMBUSTIBLE ROOF AND HAVE A FLOOR AREA EXCEEDING 4 SQ.FT., PROVIDE A SMOKE VENT.
46. ALL DWELLING UNITS ARE HANDICAP ADAPTABLE (BC 1107) (U.O.N. ON PLANS).
47. FOR SIZE & LOCATION OF ALL REQUIRED CONCRETE PADS FOR MECHANICAL EQUIPMENT, SEE MECHANICAL & PLUMBING DRAWINGS.
48. IF A SPRINKLER LINE IS EXPOSED IN A LIVING AREA, ENCLOSE IN A GYP. BD. SOFFIT - SEE SPRINKLER DWGS. AND ARCH SPRINKLER SOFFIT DETAIL.
49. ALL STEEL COLUMNS & BEAMS SHALL BE FIRE PROTECTED W/ SPRAY-ON FIREPROOFING (2 HOUR RATED IN NON HIGH RISE AND 3 HOUR RATED IN HIGH RISE).
50. AS PER NYC BUILDING CODE 403.2.4 THE BOND STRENGTH OF THE SFRM SHALL BE 430 PSF.
51. ALL EXTERIOR WALLS, INCLUDING ROOF BULKHEADS SHALL BE 2 HR RATED.
52. ALL INTERIOR BEARING WALLS, HOIST WAY, SHAFTS, VERTICAL EXITS AND EXIT PASSAGE WAYS SHALL BE 2 HOUR RATED. AS PER BC 403.2.3.1 THRU 403.2.3.4 OF THE 2014 NYC BUILDING CODE.
53. DOORS OPENING INTO INTERIOR STAIR ENCLOSURES SHALL NOT BE LOCKED FROM EITHER SIDE UNLESS DOOR IS EQUIPED WITH AN AUTOMATIC FAIL SAVE SYSTEM FOR OPENING IN THE EVENT OF THE ACTIVATION OF FIRE DETECTION SYSTEM. AN APPROVED STAIRWAY COMMUNICATION SYSTEM SHALL BE PROVIDED AT LEAST EVERY 5TH FLOOR IN EACH STAIRWAY WHERE THE DOORS ARE LOCKED. (BC 403.5.3 & BC403.5.3.1 OF NYC BUILDING CODE)
54. PROVIDE NON-COMBUSTIBLE FIRE STOPPING AT THE PERIMETER OF ALL PENETRATIONS THROUGH RATED WALLS, FLOORS, ROOF AND CEILINGS.
55. ALL EXTERIOR CONCRETE BLOCK WALLS ADJACENT TO EXISTING BUILDINGS SHALL HAVE A DRY-BLOCK ADDITIVE (INCLUDING MORTAR) "ACME SHIELD".
56. PROVIDE CONTROL JOINTS IN GYP BD WALLS & CEILING @ 30'-0" O/C MAX. AS MANUF BY U.S.G.
57. PROVIDE CONTROL JOINTS IN BRICK @ 30'-0" O.C. MAX., CONTROL JOINTS IN CMU @ 30'-0" O.C., EXPANSION JOINTS IN CMU @ 60'-0" O/C.
58. MINIMUM ALLOWABLE CEILING HEIGHT IN APARTMENTS (BC 1208.2)
    * HABITABLE ROOMS _ 8'-0".
    * OCCUPIABLE SPACES _ (PUBLIC CORRIDORS & COMMUNITY ROOM) 7'-6".
    * BATHROOMS, KITCHENS, SOFFITS, APT FOYER _ 7'-0".
59. PROVIDE MIN. STC 50 RATING AT PERIMETER WALLS, FLOORS & CEILING OF RESIDENTIAL APARTMENTS (BC 1207).
60. MECHANICAL & PLUMBING CONTRACTORS TO COORDINATE WITH G.C. & CONCRETE MANUFACTURER PENETRATION SIZE & LOCATIONS PRIOR TO DRILLING HOLES IN DECK .
61. ALL WORK TO BE PERFORMED ON THIS PROJECT SHALL BE IN A WORKMEN LIKE MANNER.
62. ENCAPSULATE HORIZONTAL DUCTWORK WITH FYREWRAP EZ 1.5 2 HOUR RATED . NONCOMBUSTIBLE DUCT BLANKET INSULATION (SEE MECHANICAL DRAWINGS).
63. AS PER 2014 NYC BUILDING CODE SECTION 403.4.5, A FIRE COMMAND CENTER SHALL BE LOCATED IN THE MAIN LOBBY OF THE BUILDING AND COMPLYING WITH SECTION 911 OF THE NEW BUILDING CODE AND APPROVED BY THE FIRE DEPARTMENT.
64. PROVIDE FIRE EXTINGUISHER PER NYC BUILDING CODE.
65. INTEGRATED PEST MANAGEMENT- SEAL ALL WALL, FLOOR AND JOINT PENETRATIONS TO PREVENT PEST ENTRY. PROVIDE RODENT AND CORROSION PROOF SCREENS (E.G., COPPER OR STAINLESS STEEL MESH) FOR LARGE OPENINGS.
66. CONTRACTOR SHALL FURNISH AND INSTALL ACCESS PANELS WHERE SHOWN ON THE REFLECTED CEILING PLANS AND AS REQUIRED BY BUILDING CODE OR NORMAL GOOD PRACTICE TO PROVIDE ACCESS TO ALL MECHANICAL OR ELECTRICAL EQUIPTMENT. NO ACCESS PANEL SHALL BE LOCATED, FRAMED, OR INSTALLED WITHOUT THE EXPRESSED APPROVAL OF THE ARCHITECT.

NEW YORK CITY MULTIPLE DWELLING LAW:

1. IN MULTIPLE DWELLINGS BUILDINGS, WALLS, FLOORS, ROOF, STAIRS AND PUBLIC HALLS SHALL BE FIRE PROOFED. (CHAPTER 7).
2. ALL PARTITIONS BETWEEN APARTMENTS SHALL BE FIRE STOPPED AS PER SECTION BC 708
3. SOUND PROOFING BETWEEN APARTMENTS SHALL COMPLY WITH BC 1207.
4. PARTITIONS AND CEILING ENCLOSING KITCHENS & KITCHENETTES SHALL BE FIRE-RETARDED AS PER CHAPTER 7 OF NYC BC & SECTION 33 OF NEW YORK STATE MULTIPLE DWELLING LAW.
5. ALL COMBUSTIBLE MATERIALS UNDER OR WITHIN 1'-0" OF COOKING APPLIANCES SHALL BE FIRE RETARDED. THERE SHALL ALWAYS BE AT LEAST 2 FEET OF CLEAR SPACE ABOVE ANY EXPOSED COOKING SURFACES AS PER SECTION 33 OF NEW YORK STATE MULTIPLE DWELLING LAW.
6. NUMBER OF EXITS REQUIRED ACCORDING TO TABLE 1018.1 - STAIRS SHALL EXTEND FROM THE ENTRANCE STORY UP TO THE ROOF AND BE EQUIPPED WITH ENERGIZED SELF-CLOSING DOORS GLAZED WITH WIRE GLASS AND WITHOUT TRANSOMS. THE DOORS GIVING ACCESS TO SUCH STAIRS SHALL NOT BE HELD OPEN BY ANY DEVICE WHATEVER. (CHAPTER 10).
7. PROVIDE MIRROR IN SELF-SERVICE PASSENGER ELEVATORS AS PER CHAPTER 30, SECTION BC 3001.6.
8. THE FLOOR OF EVERY BATHROOM OR PUBLIC TOILET SHALL HAVE A SMOOTH, HARD, NONABSORBENT SURFACE THAT EXTENDS UPWARD ONTO THE WALLS AT LEASE 6" OR MORE ABOVE THE FLOOR, EXCEPT AT DOORS, AS PER BC 1210.
9. EVERY BATHROOM SHALL BE PROVIDED WITH NATURAL VENTILATION IN ACCORDANCE WITH SECTION 1203.4.1.3. UNLESS PROVIDED WITH EXHAUST VENTILATION IN ACCORDANCE WITH THE NEW YORK CITY MECHANICAL CODE . (SECTION 1203.4.1.3).
10. EVERY MULTIPLE DWELLING SHALL COMPLY WITH CHAPTERS 11 & 12 (LIGHTING, GAS METERS, AND GAS APPLIANCES).
11. PROVIDE USPS APPROVED MAILBOXES.
12. PROVIDE INTERCOMMUNICATION SYSTEM IN ENTRANCE LOBBY AS PER CHAPTER 1008.4.4.
13. PROVIDE AND MAINTAIN A PEEPHOLE IN THE ENTRANCE DOOR OF EACH HOUSING UNIT, SUCH PEEPHOLE SHALL BE SO LOCATED AS TO ENABLE A PERSON TO VIEW FROM INSIDE OF THE ENTRANCE DOOR.
14. PROVIDE FRONT, INTERIOR COURT AND REAR YARD LIGHTING AS PER SECTION BC 1206.4.
15. PROVIDE LIGHTING AND VENTILATION OF PUBLIC HALLS AND STAIRS AS PER SECTION BC 1203 & SECTION BC 1205.
16. ANY HABITABLE ROOM IN BASEMENT OR CELLAR SHALL COMPLY WITH CHAPTER 12.
17. ALL STAIRS SHALL COMPLY WITH CHAPTER 10, SECTION BC 1009.
18. EVERY STAIR SHALL BE VENTILATED BY A WINDOW OR BY MOVABLE LOUVERS IN THE SKYLIGHT HAVING AN OPENING OF AT LEAST 3.5% OF THE MAX. SHAFT AREA AT ANY FLOOR, BUT NOT LESS THAN 72 SQ. IN. OF THE TOTAL REQUIRED VENT AREA, AT LEAST 1/3 SHALL BE CLEAR OPENING TO THE EXTERIOR 10'-0" MIN. AWAY FROM ANY OPENING) .

NEW YORK CITY HOUSING MAINTENANCE CODE:

1. BUILDING SHALL COMPLY WITH SECTION 27-2027 - DRAINAGE OF ROOFS AND COURT YARDS.
2. BUILDING SHALL COMPLY WITH SECTION 27-2028 - CENTRAL HEATING.
3. BUILDING SHALL COMPLY WITH SECTION 27-2031 - SUPPLY OF HOT WATER.
4. BUILDING SHALL COMPLY WITH SECTION 27-2040 - LIGHTS NEAR ENTRANCE WAYS AND IN YARDS AND COURTS.
5. BUILDING SHALL COMPLY WITH SECTION 27-2038 & BC 1006 - LIGHTING PUBLIC HALLS AND STAIRS.
6. BUILDING SHALL COMPLY WITH SECTION 27-2041 - PEEPHOLES IN ENTRANCE DOORS TO APARTMENTS.
7. BUILDING SHALL COMPLY WITH SECTION 27-2047 - MAIL SERVICE.
8. BUILDING SHALL COMPLY WITH SECTION 27-2048 - FLOOR SIGNS.
9. BUILDING SHALL COMPLY WITH SECTION 27-2049 - STREET NUMBERS.
10. BUILDING SHALL COMPLY WITH SECTION 27-2050 - INSPECTION OF SPRINKLERS.
11. BUILDING SHALL COMPLY WITH ARTICLE 13 - JANITORIAL SERVICES.
12. BUILDING SHALL COMPLY WITH H.P.D. DESIGN GUIDELINES DATED MAY 1988, REVISED AUGUST 1, 2000 FOR ROOM SIZES.
13. BUILDING SHALL COMPLY WITH SECTION 27-2097 - REGISTRATION: TIME TO FILE.
14. BUILDING SHALL COMPLY WITH SECTION 27-2104 - POSTING OF SERIAL NUMBER.
15. BUILDING SHALL COMPLY WITH SECTION 27-2105 - IDENTIFICATION OF MANAGING AGENT OR OWNER.
16. BUILDING SHALL COMPLY WITH SECTION 27-2021 - RECEPTACLES FOR WASTE MATTER.
17. BUILDING SHALL COMPLY WITH SECTION 27-2022 - FREQUENCY OF COLLECTION OF WASTE MATTER.
18. PROVIDE A HEAVY DUTY LATCH SET AND A HEAVY DUTY DEAD BOLT OPERABLE BY A KEY FROM THE OUTSIDE AND A THUMB-TURN FROM THE INSIDE AT EVERY APARTMENT ENTRANCE (SECTION 27-2043)

ENERGY CONSERVATION NOTES:

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2014 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE, AS NOTED IN 2014 NEW YORK CITY BUILDING CODE - SECTION BC 1301 -

PLANS MEET ALL APPLICABLE CODES INCLUDING THE FOLLOWING:

- NEW YORK CITY OFFICIAL COMPILATION OF CODES, RULES AND REGULATIONS.
- N.F.P.A. - NATIONAL FIRE P

# GENERAL ACCESSIBILITY

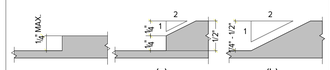
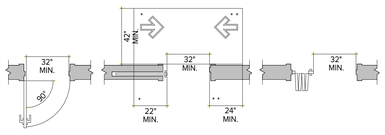



Fig 303.2 VERTICAL

Fig 303.3 BEVELED

## CHANGES IN ELEVATION



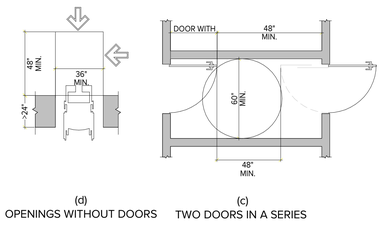
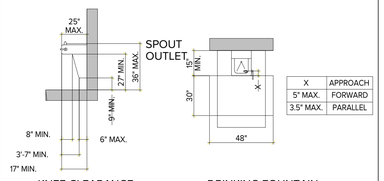




Fig 404.2.2 & 404.2.5

## CLEAR WIDTH OF DOORWAYS




## DRINKING FOUNTAIN

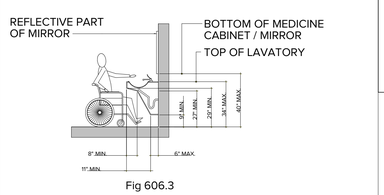



Fig 606.3

## HEIGHT OF LAVATORIES & SINKS

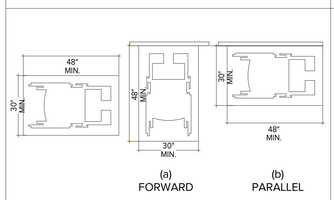
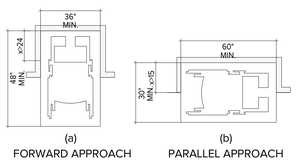



Fig 305.3 SIZE OF CLEAR FLOOR SPACE

Fig 305.5 APPROACH




MANEUVERING CLEARANCE IN AN ALCOVE

Fig 305.7

## CLEAR FLOOR SPACES AND APPROACH

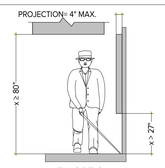



Fig 307.2

## LIMITS OF PROTRUDING OBJECTS

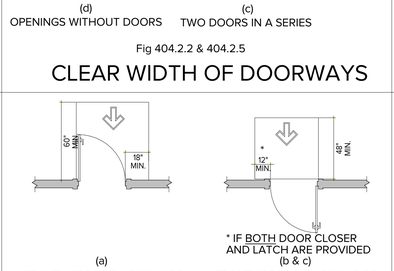
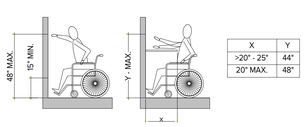
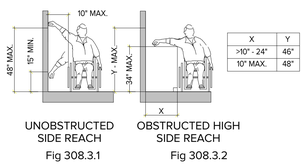



Fig 404.2.3.1

## MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS




## UNOBSTRUCTED & OBSTRUCTED REACHES

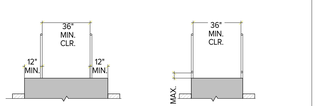



Fig 405.9

## RAMP EDGE PROTECTION

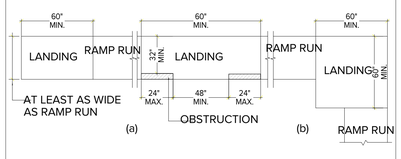



Fig 405.7

## RAMP LANDINGS

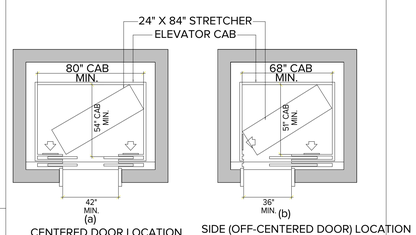



Fig 407.4.1

## DIMENSIONS OF ELEVATOR CAB AND PANEL

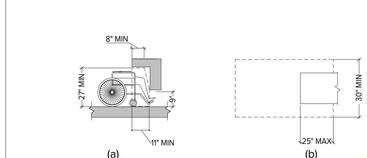


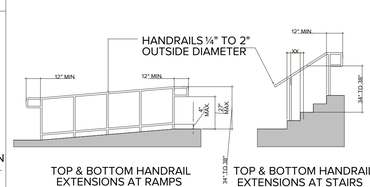

Fig 306.2

## TOE CLEARANCE




Fig 306.3

## KNEE CLEARANCE

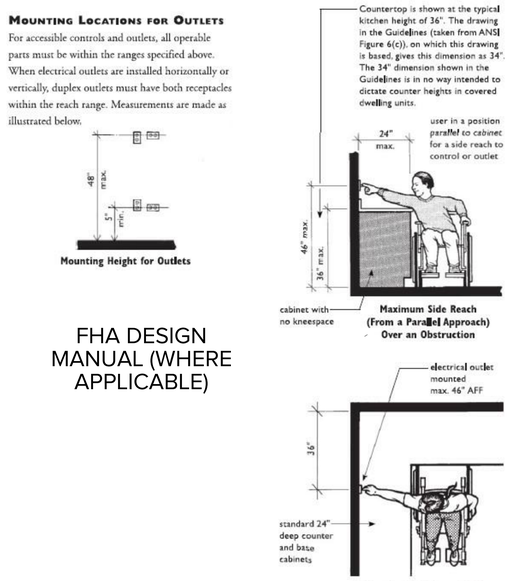


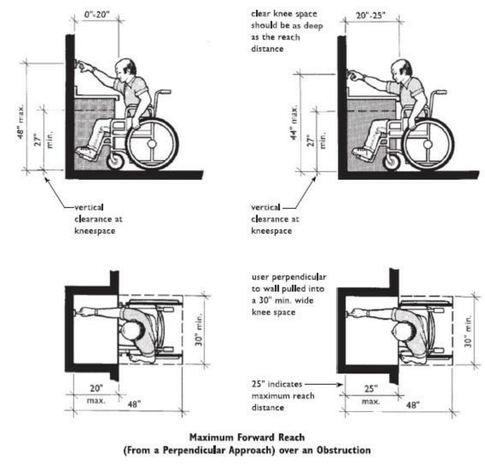

## HANDRAIL EXTENSION

# ICC/ANSI

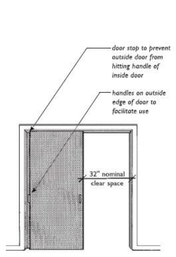
PROPOSED WORK TO COMPLY WITH APPLICABLE REQUIREMENTS OF ICC / ANSI A 117.1 - 2009
1.PROTRUDING OBJECTS SHALL NOT REDUCE THE CLEAR WIDTH REQUIRED FOR ACCESSIBLE ROUTES. (307.5)
2.RAMPS RUN SHALL HAVE A SLOPE NOT STEEPER THAN 1:12 (405.2) & A CROSS SLOPE SHALL NOT BE STEEPER THAN 1:48 (405.3)
3.MAX RISE = 30" (405.6) HANDRAILS ON BOTH SIDES OF RAMP (505.2)
4.ALL ELEVATOR REQUIREMENTS (CALL BUTTONS, VISIBLE & AUDIBLE SIGNALS, ETC.) SHALL COMPLY WITH SECTION 407 THRU 410.
5.CAR PARKING SPACES SHALL BE 96" WIDE MIN. & VAN PARKING SPACES SHALL BE 132" MIN. IN WIDTH. (502.2)
6.ACCESS AISLE SERVING CAR OR VAN SHALL BE 60" MIN. IN WIDTH (502.4.2)
7. VERTICAL CLEARANCE FOR VAN PARKING SPACES, ACCESS AISLES SERVING THEM AND VEHICULAR ROUTES SHALL BE 98" MIN. (502.6)
8.TREADS AND RISERS SHALL BE UNIFORM ON A STAIR FLIGHT. RISERS 4" MIN. & 7" MAX. - TREADS 11" MIN. (504.2) UNLESS OTHERWISE NOTED IN THE 2014 NEW YORK CITY BUILDING CODE
9.TOP GRIPPING SURFACE OF HANDRAILS SHALL BE AT 34" MIN. & 38" MAX. AFF (505.4) - SHALL HAVE A CLEAR DISTANCE OF 11/2" MIN. FROM THE ADJACENT WALL (505.5) - SHALL HAVE AN OUTSIDE DIAMETER OF 1 1/4" MIN. & 2" MAX. (505.7.1)
10.PROVIDE A HAND HELD SHOWER WITH A HOSE 59" MIN. IN LENGTH AT ACCESSIBLE BATHTUBS (607.6)
11.FOR WASHING MACHINES AND CLOTHES DRYERS PROVIDE A 30" X 48" CLEAR FLOOR SPACE FOR PARALLEL APPROACH WHICH SHALL BE CENTERED ON THE APPLIANCE (611.2)
12.TOP LOADING MACHINES SHALL HAVE THE DOOR COMPARTMENT 36" MAX. AFF & FRONT LOADING MACHINES SHALL HAVE THE BOTTOM OF THE OPENING COMPARTMENT 15" MIN. & 34" MAX. AFF. (611.4) MINIMUM (1) APPLIANCE EACH (4.32.6)
13.MACHINES MOUNTED ON PADS SHALL BE SIDE LOADING (4.25)
14.TOP OF DINING OR WORK SURFACES SHALL BE 28" MIN. & 34" MAX. IN HEIGHT AFF. (902.3)
15.ACCESSIBLE STORAGE ELEMENTS SHALL COMPLY WITH AT LEAST ONE OF THE REACH RANGES SPECIFIED IN SECTION 308 (905.3)
16.THE ACCESSIBLE PRIMARY ENTRANCE SHALL BE ON AN ACCESSIBLE ROUTE FROM PUBLIC AND COMMON AREAS (1004.2) - DOORWAYS SHALL HAVE A CLEAR OPENING OF 32" MIN. (1004.5.2.1)
17.THE LATERAL DISTANCE FROM THE CENTERLINE OF THE WATER CLOSET TO A BATHTUB OR A LAVATORY SHALL BE 18" MIN. ON THE OPPOSITE SIDE OF APPROACH & 15" MIN. ON THE OTHER SIDE. (1004.11.3.1.2)
18.BUILDING SIGNAGE SHALL COMPLY WITH ANSI 703.4.1-5. "BRAILLE SIGNANGE REQUIREMENTS"
19.MARKET RATE APARTMENTS SHALL COMPLY WITH FFH REQUIREMENTS.
20.TOP OF ROOF BULKHEAD FLOOR LANDING DOWN TO TOP OF ROOF = 73/4" MAX (1009.3) @ NON-ADA COMPLAINT AREAS

## FHA DESIGN MANUAL (WHERE APPLICABLE)

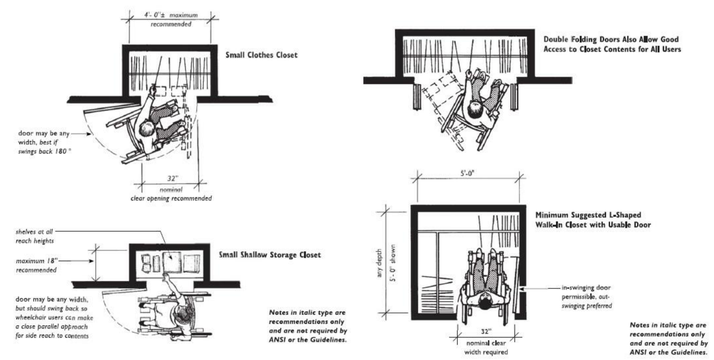


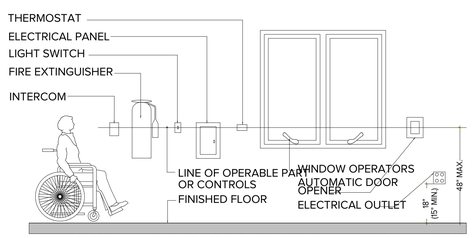

## ELECTRICAL OUTLETS AND SWITHCES




## FHA DESIGN MANUAL (WHERE APPLICABLE)




## CLOSETS




## TYPICAL HANDICAP INSTALLATION HEIGHTS

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
**AUFGANG.**
74 Lafayette Avenue
Suite 301
Suffern, NY 10901
845.368.0004
info@aufgang.com

Owner/Developer
**BRONX PARK GTAH II LLC:**
280 East 161st St.
Bronx, NY 10451

Structural Engineer
**DESIMONE ENGINEERING:**
140 Broadway
25th Floor
New York, NY 10005
212.532.2211

MEP Engineer
**EP ENGINEERING ASSOCIATES:**
110 William St.
32nd Floor
New York, NY 10038
646.779.0758

Civil Engineer
**PHILIP HABIB & ASSOCIATES:**
432 Park Ave. South
6th Floor
New York, NY 10016
212.929.5656


| DATE | SUBMISSIONS / REVISIONS |
|---|---|
| 10/17/2025 | ISSUED FOR 100% DD |
| 09/15/2025 | ISSUED TO DOB |
| 05/02/2025 | ISSUED FOR 50% DD |
| 11/08/2024 | ISSUED FOR 100% SD |

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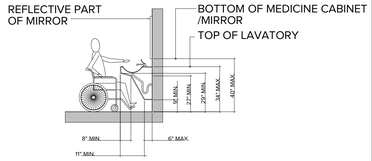
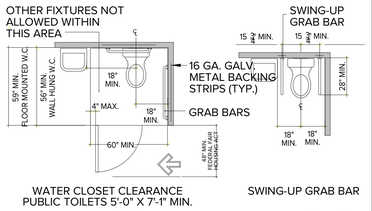



Fig 606.3

## HEIGHT OF LAVATORIES & SINKS



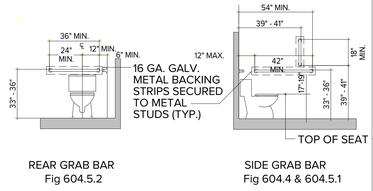

WATER CLOSET CLEARANCE
PUBLIC TOILETS 5'-0" X 7'-1" MIN.

Fig 604.3

SWING-UP GRAB BAR

Fig 604.5.3

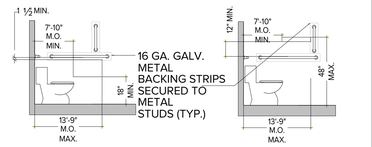
## WATER CLOSET CLEARANCE




REAR GRAB BAR
Fig 604.5.2

SIDE GRAB BAR
Fig 604.4 & 604.5.1

## GRAB BAR FOR WATER CLOSET




(a) BELOW GRAB BAR

(b) ABOVE GRAB BAR

Fig 604.7

## DISPENSER LOCATION

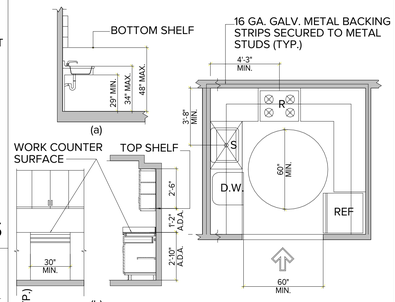



(a) WALL HUNG TYPE

(b) STALL TYPE

Fig 605.2

## HEIGHT OF URINALS




NOTE:
PROVIDE EITHER PARALLEL OR PERPENDICULAR APPROACH TO EACH FIXTURE/APPLIANCE

Fig 1004.12.1.1

## KITCHEN HEIGHT REQUIREMENTS & MINIMUM KITCHEN CLEARANCE

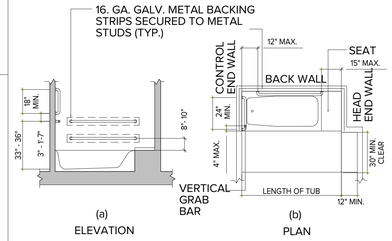
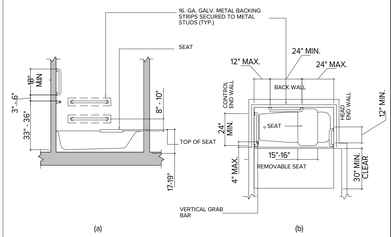



Fig 607.4.1

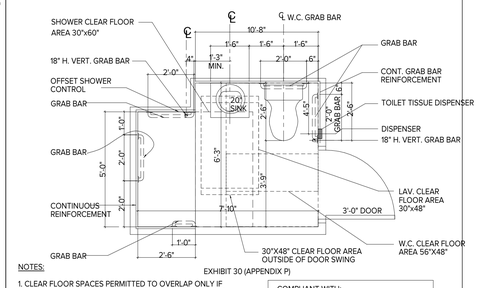
## GRAB BARS FOR BATHTUBS WITH PERMANENT SEATS




GRAB BARS FOR BATHTUBS WITHOUT PERMANENT SEATS

Fig 607.4.2/610.2

## BATHTUB SEATS & GRAB BARS




NOTES:

1. CLEAR FLOOR SPACES PERMITTED TO OVERLAP ONLY IF 30"x48" CLEAR FLOOR SPACE IS PROVIDED BEYOND DOOR SWING. - (B.C. 1004.11.3) - BUT DOOR CANNOT SWING INTO CLEAR FLOOR SPACE OF ANY FIXTURE IF 30"x48" CLEAR FLOOR SPACE IS NOT PROVIDED BEYOND DOOR SWING (603.2.2)
2. MORTISE HINGE & BLANK LATCH (IF REVERSIBLE DOOR SWING USED)

EXHIBIT 30 (APPENDIX P)

| COMPLIANT WITH: | |
|---|---|
| TYPE B | |
| DWELLING UNIT - | B.C. 1107.6.2.1.1 |
| APPENDIX P - | B.C. P101.1 |
| ANSI A117.1-2009 - | 1004.11.3.1 |

## TYPE "B" ADAPTABLE TOILET SIDE APPROACH

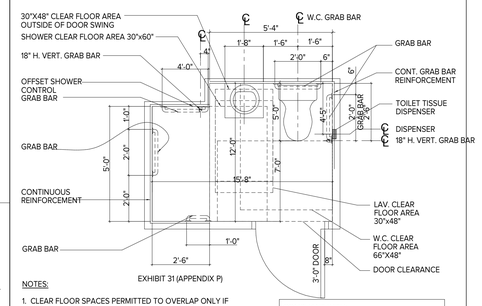


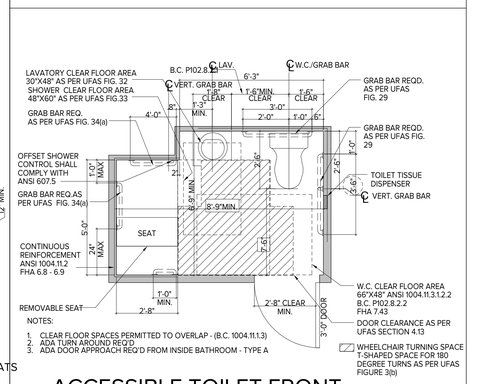

EXHIBIT 31 (APPENDIX P)

NOTES:

1. CLEAR FLOOR SPACES PERMITTED TO OVERLAP ONLY IF 30"x48" CLEAR FLOOR SPACE IS PROVIDED BEYOND DOOR SWING. - (B.C. 1004.11.3) - BUT DOOR CANNOT SWING INTO CLEAR FLOOR SPACE OF ANY FIXTURE IF 30"x48" CLEAR FLOOR SPACE IS NOT PROVIDED BEYOND DOOR SWING (603.2.2)

| COMPLIANT WITH: | |
|---|---|
| TYPE B | |
| DWELLING UNIT - | B.C. 1107.6.2.1.1 |
| APPENDIX P - | B.C. P101.1 |
| ANSI A117.1-2009 - | 1004.11.3.1 |

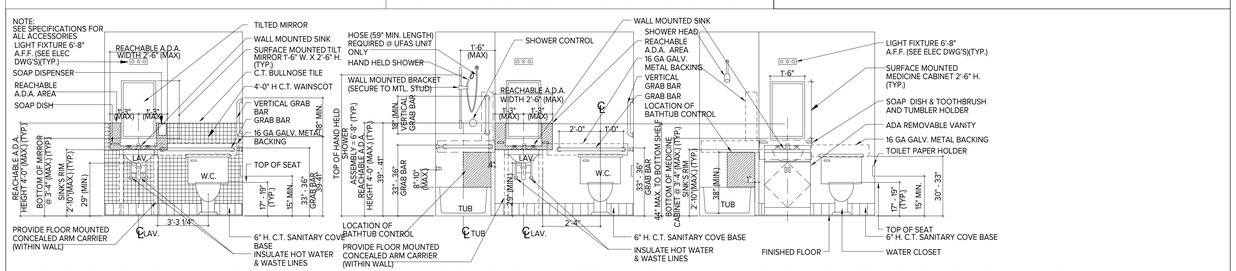
## TYPE "B" ADAPTABLE TOILET FRONT APPROACH




NOTES:

1. CLEAR FLOOR SPACES PERMITTED TO OVERLAP - (B.C. 1004.11.1.3)
2. ADA TURN AROUND REQ'D
3. ADA DOOR APPROACH REQ'D FROM INSIDE BATHROOM - TYPE A

## ACCESSIBLE TOILET FRONT APPROACH (UFAS)




## TYP. PUBLIC TOILET ELEVATIONS

## TYP. ACCESSIBLE APARTMENT BATHROOM ELEVATION/UFAS COMPLIANT

## TYP ADAPTABLE APARTMENT BATHROOM ELEVATION

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
**AUFGANG.**
74 Lafayette Avenue
Suite 301
Suffern, NY 10901
845.368.0004
info@aufgang.com

Owner/Developer
**BRONX PARK GTAH II LLC:**
280 East 161st St.
Bronx, NY 10451

Structural Engineer
**DESIMONE ENGINEERING:**
140 Broadway
25th Floor
New York, NY 10005
212.532.2211

MEP Engineer
**EP ENGINEERING ASSOCIATES:**
110 William St.
32nd Floor
New York, NY 10038
646.779.0758

Civil Engineer
**PHILIP HABIB & ASSOCIATES:**
432 Park Ave. South
6th Floor
New York, NY 10016
212.929.5656


| DATE | SUBMISSIONS / REVISIONS |
|---|---|
| 10/17/2025 | ISSUED FOR 100% DD |
| 09/15/2025 | ISSUED TO DOB |
| 05/02/2025 | ISSUED FOR 50% DD |
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SHEET TITLE:

# ACESSIBILITY DIAGRAM


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PROJECT NO: Project Number

DRAWN BY: Author

CHECKED BY: Checker

SCALE: As indicated

SHEET NO: OF

DRAWING NO: A-003.00

NYC DOB NUMBER: X00945951-I1

## FIRE PROTECTION:

BUILDING IS FULLY SPRINKLERED AND EQUIPPED WITH AN ALTERNATIVE FIRE EXTINGUISHING SYSTEM, A STAND PIPE SYSTEM, SMOKE VENTS, A FIRE ALARM AND DETECTION SYSTEM & A FIRE COMMAND CENTER. IN COMPLIANCE WITH THE NYC BUILDING CODE (2022), NYC FIRE CODE & LOCAL FIRE DEPARTMENT REQUIREMENTS .

## EGRESS NOTES: CHAPTER 10 AND OTHER SECTIONS RELEVANT BUT NO LIMITED TO EGRESS REQUIREMENTS AS FOLLOWS:

**BC 1003.2** CEILING HEIGHT. THE MEANS OF EGRESS SHALL HAVE A CEILING HEIGHT OF NOT LESS THAN 7 FEET,6 INCHES.

**BC 1003.3.1** PROTRUDING OBJECTS ARE PERMITTED TO EXTEND BELOW THE MINIMUM CEILING HEIGHT FOR MINIMUM HEADROOM OF 84 INCHES (7'-0"), NOT MORE THAN 50 PERCENT OF THE CEILING AREA OF A MEANS OF EGRESS SHALL BE REDUCED IN HEIGHT BY PROTRUDING OBJECTS. A BARRIER SHALL BE PROVIDED WHERE THE VERTICAL CLEARANCE IS LESS THAN 80 INCHES (6'-8") HIGH.

**TABLE BC 1004.1.3** MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT. OCCUPANT LOAD FOR SPACES AS DETERMINED BY THIS TABLE.

**BC 1005.1** ALL PORTIONS OF THE MEANS OF EGRESS SYSTEM SHALL BE SIZED IN ACCORDANCE WITH SECTION BC 1005.

**BC 1005.3.1** THE CAPACITY OF MEANS OF EGRESS STAIRWAYS SHALL BE CALCULATED BY MULTIPLYING THE OCCUPANT LOAD SERVED BY SUCH STAIRWAYS BY A MEANS OF EGRESS FACTOR OF 0.3 INCH PER OCCUPANT.

**BC 1005.3.2** THE CAPACITY OF MEANS OF EGRESS COMPONENTS, OTHER THAN STAIRWAYS, SHALL BE CALCULATED BY MULTIPLYING THE OCCUPANT LOAD BY A MEANS OF EGRESS FACTOR OF 0.2 INCH PER OCCUPANT.

**BC 1005.4** THE MINIMUM WIDTH OF THE MEANS OF EGRESS REQUIRED FROM ANY STORY OF A BUILDING SHALL NOT BE REDUCED ALONG THE PATH OF EGRESS TRAVEL UNTIL ARRIVAL AT THE PUBLIC WAY.

**BC 1005.7.1** DOORS, WHEN FULLY OPENED, SHALL NOT REDUCE THE REQUIRED EGRESS WIDTH BY MORE THAN 7 INCHES. DOORS IN ANY POSITION SHALL NOT REDUCE THE REQUIRED WIDTH BY MORE THAN ONE-HALF.

**BC 1006.1** THE NUMBER OF EXITS OR EXIT ACCESS DOORWAYS REQUIRED WITHIN THE MEANS OF EGRESS SYSTEM SHALL COMPLY WITH THE PROVISIONS OF SECTION BC 1006.

**BC 1007.1.1** EXITS SHALL BE PLACED A DISTANCE APART NO LESS THAN ONE-HALF OF THE LENGTH OF THE MAXIMUM DIAGONAL DIMENSION OF THE BUILDING OR AREA SERVED. STAIRS SHARING COMMON WALL SHALL BE COUNTED AS ONE EXIT STAIR. IN GROUP R-2 OCCUPANCIES, STAIRS ENCLOSED IN WALLS HAVING 2-HOUR FIRE RATING CONSTRUCTED OF MASONRY OR MASONRY EQUIVALENT, EXIT DOORS SHALL BE PLACED NO LESS THAN 15 FEET APART; SUCH STAIRS MAY SHARE COMMON WALLS, FLOORS, CEILINGS OR SCISSOR STAIRS ASSEMBLIES.

**BC 1008.2** EXITS, EXIT DISCHARGES AND PUBLIC CORRIDORS SHALL BE ILLUMINATED AT ALL TIMES BY EITHER DAYLIGHT OR ELECTRIC LIGHTING FIXTURES.

**BC 1008.2.1** THE MEANS OF EGRESS ILLUMINATION LEVEL SHALL BE NOT LESS THAN 1 FOOT-CANDLE AT THE WALKING SURFACE.

**BC 1008.2.3** SENSORS AND CONTROLS. AUTOMATIC, OCCUPANT SENSOR OR PHOTO-SENSOR LIGHTING CONTROLS SHALL BE PERMITTED WITHIN MEANS OF EGRESS.

**BC 1008.3** EMERGENCY POWER FOR ILLUMINATION. THE POWER SUPPLY FOR MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE PREMISE'S ELECTRICAL SUPPLY.

**BC 1008.3.4** THE EMERGENCY POWER SYSTEM SHALL PROVIDE POWER FOR A DURATION OF NOT LESS THAN 90 MINUTES AND SHALL CONSIST OF STORAGE BATTERIES, UNIT EQUIPMENT OR AN ON-SITE GENERATOR.

**BC 1009** ACCESSIBLE MEANS OF EGRESS. ELEVATORS AND PLATFORM LIFTS PERMITTED AS ACCESSIBLE MEANS OF EGRESS SHALL COMPLY WITH THIS SECTION, ANSI ICC A117.1, CHAPTER 11 OF NYC BUILDING CODE.

**BC 1010.1** MEANS OF EGRESS DOORS SHALL BE READILY DISTINGUISHABLE FROM THE ADJACENT CONSTRUCTION AND FINISHES SUCH THAT THE DOORS ARE EASILY RECOGNIZABLE AS DOORS. MIRRORS OR SIMILAR REFLECTING MATERIALS SHALL NOT BE USED ON MEANS OF EGRESS DOORS. MEANS OF EGRESS DOORS SHALL NOT BE CONCEALED BY CURTAINS, DRAPES, DECORATIONS OR SIMILAR MATERIALS.

**BC 1010.1.1.1** THE REQUIRED CAPACITY OF EACH DOOR OPENING SHALL BE SUFFICIENT FOR THE OCCUPANT LOAD AND SHALL PROVIDE A MINIMUM CLEAR WIDTH OF 32 INCHES MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES. DOUBLE DOORS AT LEAST ONE LEAF SHALL COMPLY WITH THIS SECTION. THE MAX. WIDTH OF A SWINGING DOOR LEAF SHALL BE 48 INCHES NOMINAL.

**BC 1010.1.1.3** THE HEIGHT OF DOORS SHALL BE NOT LESS THAN 80 INCHES (6'-8").

**BC 1010.1.2.2** DOORS SHALL SWING IN THE DIRECTION OF EGRESS TRAVEL WHERE SERVING SPACES WITH AN OCCUPANT LOAD OF 75 OR MORE PERSONS AND SPACES REQUIRING MORE THAN ONE EXIT DOOR. DOORS NEED NOT SWING IN THE DIRECTION OF EGRESS TRAVEL FOR EXTERIOR STREET FLOOR EXIT DOORS FROM LOBBIES SERVING GROUP R-2 OCCUPANCIES.

**BC 1010.1.3** THE FORCE FOR PUSHING OR PULLING OPEN INTERIOR SWINGING EGRESS DOORS, OTHER THAN FIRE DOORS, SHALL NOT EXCEED 5-POUNDS.

**BC 1010.1.4** SPECIAL DOORS AND SECURITY GRILLES SHALL COMPLY WITH THE REQUIREMENTS OF SECTIONS 1010.1.4.1 THROUGH 1010.1.4.4.

**BC 1010.1.5** THERE SHALL BE A FLOOR OR LANDING ON EACH SIDE OF A DOOR. SUCH FLOOR OR LANDING SHALL BE AT THE SAME ELEVATION ON EACH SIDE OF THE DOOR. LANDINGS SHALL BE LEVEL EXCEPT FOR EXTERIOR LANDINGS, WHICH ARE PERMITTED TO HAVE A SLOPE NOT TO EXCEED 0.25 UNIT VERTICAL IN 12 UNITS HORIZONTAL (2-PERCENT SLOPE).

**BC 1010.1.6** LANDINGS SHALL HAVE A WIDTH NOT LESS THAN THE WIDTH OF THE STAIRWAY. DOORS IN THE FULLY OPEN POSITION SHALL NOT REDUCE A REQUIRED DIMENSION BY MORE THAN 7 INCHES. STAIRWAY LANDING DOORS SHALL NOT REDUCE THE LANDING TO LESS THAN 75 PERCENT OF ITS REQUIRED WIDTH. LANDINGS SHALL HAVE A LENGTH MEASURED IN THE DIRECTION OF TRAVEL NO LESS THAN 44 INCHES (3'-8").

**BC 1010.1.8** SPACE BETWEEN TWO DOORS IN A SERIES SHALL BE 48 INCHES (1220MM) MINIMUM PLUS THE WIDTH OF A DOOR SWINGING INTO THE SPACE.

**BC 1010.1.9** EXCEPT AS SPECIFICALLY PERMITTED BY THIS SECTION, EGRESS DOORS SHALL BE READILY OPEN-ABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.

**BC 1010.1.9.11** STAIRWAY DISCHARGE DOORS SHALL BE OPEN-ABLE FROM THE EGRESS SIDE AND SHALL ONLY BE LOCKED FROM THE OPPOSITE SIDE.

**BC 1010.1.10** DOORS SERVING THE FOLLOWING SHALL BE PROVIDED WITH PANIC HARDWARE OR FIRE EXIT HARDWARE: A ROOM OR SPACE WITH AN OCCUPANT LOAD OF 75 OR MORE IN A GROUP A OR E OCCUPANCY; A SPACE USED FOR ASSEMBLY PURPOSES CLASSIFIED AS A GROUP B OCCUPANCY OR AS PART OF THE OCCUPANCY IT IS ACCESSORY TO.

**BC 1010.4.1** BUILDING ENTRANCE DOORS AND OTHER EXTERIOR EXIT DOORS TO BE EQUIPPED WITH HEAVY DUTY LOCK SETS TO PREVENT THE LATCH FROM BEING MANIPULATED BY MEANS OTHER THAN A KEY. OUTSIDE MAIN ENTRANCE DOORS OPERATED BY THE TENANTS' KEY SHALL NOT BE KEYED TO ALSO OPEN THE TENANTS' APARTMENT. LIGHT TO BE PROVIDED AT ENTRANCEWAY PROVIDING 5-FTCANDLES.

**BC 1011.2** THE REQUIRED CAPACITY OF STAIRWAYS SHALL BE DETERMINED AS SPECIFIED IN SECTION 1005, BUT THE MINIMUM WIDTH SHALL BE NOT LESS THAN 44 INCHES (3'-8").

**BC 1011.3** STAIRWAYS HEADROOM NOT LESS THAN 84 INCHES (7'-0") FROM A LINE AT THE EDGE OF THE NOSING. THE MINIMUM CLEARANCE SHALL BE MAINTAINED THE FULL WIDTH OF THE STAIRWAY AND LANDINGS. IN GROUP R-2 OCCUPANCIES STAIRWAYS SHALL HAVE A HEADROOM CLEARANCE OF NOT LESS THAN 80 INCHES (6'-8").

**BC 1011.5.2** STAIR RISERS SHALL BE 7 INCHES MAXIMUM AND 4 INCHES MINIMUM. TREAD DEPTHS SHALL BE 11 INCHES MINIMUM MEASURED HORIZONTALLY FROM TREAD NOSING. DIFFERENCE IN TREAD DEPTH WITHIN A FLIGHT OF STAIRS SHALL NOT EXCEED ⅜ INCH. IN GROUP R-2 OCCUPANCIES: THE SUM OF TWO RISERS PLUS ONE TREAD SHALL BE NOT LESS THAN 24 INCHES NOR MORE THAN 25½ INCHES.

**BC 1011.6** THERE SHALL BE A FLOOR OR LANDING AT THE TOP AND BOTTOM OF EACH STAIRWAY. THE WIDTH OF LANDINGS SHALL BE THE WIDTH OF STAIRWAYS SERVED. DOORS OPENING AT LANDINGS SHALL NOT REDUCE THE LANDING TO LESS THAN ONE-HALF THE REQUIRED WIDTH.

**BC 1011.7** STAIRWAYS SHALL BE BUILT OF MATERIALS CONSISTENT WITH THE TYPES PERMITTED FOR THE TYPE OF CONSTRUCTION OF THE BUILDING.
**BC 1011.8** A FLIGHT OF STAIRS SHALL NOT HAVE A VERTICAL RISE GREATER THAN 12 FEET BETWEEN FLOOR LEVELS OR LANDINGS.

**BC 1011.11** STAIRWAYS SHALL HAVE HANDRAILS ON EACH SIDE. HANDRAIL HEIGHT SHALL BE NOT LESS THAN 34 INCHES AND NOT MORE THAN 38 INCHES.

**BC 1011.12** IN BUILDINGS FOUR OR MORE STORIES OR MORE THAN 40 FEET IN HEIGHT, AT LEAST ONE STAIRWAY SHALL EXTEND TO THE ROOF SURFACE THROUGH A STAIRWAY BULKHEAD.

**BC 1011.12.1** IN BUILDINGS IN OCCUPANCY GROUP R-2 TWO STORIES OR MORE IN HEIGHT, WITH ROOFS HAVING A SLOPE OF 15 DEGREES OR LESS, ALL INTERIOR EXIT STAIRWAYS SHALL EXTEND TO THE ROOF.

**BC 1012.2** RAMPS USED AS ACCESSIBLE ROUTE SHALL HAVE A SLOPE NOT STEEPER THAN ONE IN 12 (8%). GARAGE RAMPS WITH A MAXIMUM SLOPE OF ONE IN SEVEN (14%) MAY SERVE AS PART OF A NON-ACCESSIBLE MEANS OF EGRESS IF A PEDESTRIAN PATH IS PROVIDED. PEDESTRIAN PATH MAY BE PAINTED.

**BC 1012.4** THE RISE FOR ANY ACCESSIBLE RAMP RUN SHALL BE 30 INCHES (2'-6") MAXIMUM.

**BC 1012.6** RAMPS SHALL HAVE LANDINGS AT THE BOTTOM AND TOP OF EACH RAMP, POINTS OF TURNING, ENTRANCE, EXITS AND AT DOORS.

**BC 1012.6.3** THE LANDING LENGTH SHALL BE 60 INCHES (1525 MM) MINIMUM.

**BC 1012.6.4** WHERE CHANGES IN DIRECTION OF TRAVEL OCCUR AT LANDINGS PROVIDED BETWEEN RAMP RUNS, THE LANDING SHALL BE 60 INCHES BY 60 INCHES MIN.

**BC 1012.8** RAMPS WITH A RISE GREATER THAN 6 INCHES (152.4 MM) SHALL HAVE HANDRAILS ON BOTH SIDES.

**BC 1014.6** RETURN HANDRAILS TO WALL, GUARD, WALKING SURFACE OR CONTINUE THE HANDRAIL TO ADJACENT FLIGHT OF STAIRS OR RAMP. EXTEND STAIR HANDRAILS 12 INCHES FROM THE TOP RISER AND CONTINUE TO SLOPE BY ONE TREAD AT THE BOTTOM RISER. EXTEND RAMP HANDRAILS 12 INCHES BEYOND THE TOP AND BOTTOM. HORIZONTAL EXTENSIONS TO BE IN THE DIRECTION OF THE STAIR AND RAMP.

**BC 1014.9** STAIRWAYS SHALL HAVE INTERMEDIATE HANDRAILS LOCATED SO ALL PORTIONS OF THE STAIRWAY ARE WITHIN 30 INCHES OF A HANDRAIL. LOCATE MONUMENTAL STAIRS HANDRAILS ALONG THE MOST DIRECT PATH OF EGRESS.

**BC 1023.8** INTERIOR EXIT STAIRWAYS AND RAMPS SHALL NOT CONTINUE BELOW LEVEL OF EXIT DISCHARGE. PARTITIONS AND DOORS MUST SEPARATE THE EXIT STAIRWAY EGRESS FROM THE PORTION BELOW. DOORS SHALL BE SELF-CLOSING AND PROVIDED WITH LANDINGS. DIRECTIONAL EXIT SIGNS TO BE PROVIDED.

**BC 1023.9.1** A STAIRWAY IDENTIFICATION SIGN INDICATING EACH STAIR BY ALPHABETIC LETTER SHALL BE POSTED ON BOTH SIDES OF EACH STAIR DOOR.

**BC 1023.9.2** A FLOOR IDENTIFICATION SIGN SHALL BE PROVIDED AT EACH FLOOR LANDING IN AN INTERIOR EXIT STAIRWAY AND RAMP CONNECTING MORE THAN THREE STORIES.

**BC 403.4.8.4.2** GROUP R-2 OCCUPANCIES IN BUILDINGS GREATER THAN 125 FEET IN HEIGHT SHALL BE REQUIRED TO PROVIDE AN EMERGENCY AND STAND-BY POWER SYSTEM.

**BC 713.7** OPENINGS IN A SHAFT ENCLOSURE SHALL BE PROTECTED IN ACCORDANCE WITH SECTION BC 716 AS REQUIRED FOR FIRE-BARRIERS. DOORS SHALL BE SELF-CLOSING IN ACCORDANCE WITH THIS SECTION.

**BC 713.12.1** ALL CLOSED SHAFTS, INCLUDING VERTICAL EXIT ENCLOSURES, HAVING A FLOOR AREA EXCEEDING 4 SQUARE FEET SHALL BE PROVIDED WITH A SMOKE VENT IN ACCORDANCE WITH SECTIONS 713.12.1.1 THROUGH 713.12.1.3. INTERIOR VERTICAL EXIT SHAFT ENCLOSURES SHALL ALSO COMPLY WITH CHAPTER 10.

**713.12.1.1** SMOKE VENTS MAY BE CONSTRUCTED AS WINDOWS, LOUVERS, SKYLIGHTS, VENT DUCTS OR SIMILAR DEVICES. VENT DUCTS SHALL BE CONSTRUCTION HAVING THE SAME FIRE-RESISTANCE RATING AS THE SHAFT ENCLOSURE.

**713.12.1.2** THE EFFECTIVE VENTING AREA SHALL BE NOT LESS THAN 3½ PERCENT OF THE MAXIMUM SHAFT AREA AT ANY FLOOR, BUT IN NO EVENT LESS THAN 72 SQUARE INCHES.

**713.12.1.3.1** WHERE A SHAFT PENETRATES THROUGH THE ROOF, THE SHAFT VENT SHALL BE LOCATED NOT LESS THAN 8 INCHES ABOVE A NONCOMBUSTIBLE ROOF ASSEMBLY OR NOT LESS THAN 36 INCHES ABOVE A COMBUSTIBLE ROOF. THE VENT SHALL BE LOCATED NOT LESS THAN 10 FEET FROM ANY WINDOW, DOOR, EXTERIOR STAIRWAY, OR INTERIOR LOT LINE. THE VENT MAY BE LOCATED NOT LESS THAN 5 FEET FROM ANY WINDOW OR DOOR IF LOCATED HIGHER THAN THE TOP OF SUCH WINDOW OR DOOR. IF THE VENT IS CONSTRUCTED AS A WINDOW OR LOUVER, THE SILL OF THE SUCH SHALL BE LOCATED NOT LESS THAN 36 INCHES ABOVE THE ROOF.

## HIGH RISE NOTES: CHAPTER 4 AND OTHER SECTIONS RELEVANT BUT NO LIMITED TO HIGH RISE REQUIREMENTS AS FOLLOWS:

**BC 403.4.4** AN EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 907.5.2.2.

**BC 403.4.8.4** AN EMERGENCY POWER SYSTEM COMPLYING WITH SECTION 2702 SHALL BE PROVIDED FOR EMERGENCY POWER LOADS

**BC 403.5.3** STAIRWAYS SHALL BE PROVIDED WITH THE REQUIRED DOOR OPERATION BASED ON BC 403.5.3

**BC 1009.2.1** IN HIGH-RISE BUILDINGS SUBJECT TO SECTION 403, AT LESAT ONE REQUIRED ACCESSIBLE MEANS OF EGRESS SHALL BE AN ELEVATOR COMPLYING WITH SECTION 1009.4.

**BC 1009.4** ELEVATOR SHALL COMPLY WITH EMERGENCY OPERATION AND SIGNALING DEVICE REQUIREMENTS OF SECTION 2.27 OF ASME A17.1 AND SECTION 1109.7. EMERGENCY POWER SHALL BE PROVIDED IN ACCORDANCE WITH CHAPTER 27 AND SECTION 3003.

**BC 1023.11** EACH OF THE EXITS OF A BUILDING THAT SERVES STORIES WHERE THE FLOOR SURFACE IS LOCATED MORE THAN 75 FEET ABOVE THE LOWEST LEVEL OF FIRE DEPARTMENT VEHICLE ACCESS SHALL BE A SMOKEPROOF ENCLOSURE OR PRESSURIZED STAIRWAY IN ACCORDANCE WITH SECTION 909.20

BC 713.4 FIRE-RESISTANCE RATING.SHAFT ENCLOSURES SHALL HAVE A FIRE-RESISTANCE RATING OF NOT LESSTHAN 2 HOURS WHERE PENETRATING THREESTORIES OR MORE, AND NOT LESS THAN 1 HOUR WHERE PENETRATING FEWERTHAN THREESTORIES. THE NUMBER OF STORIES CONNECTED BY THE SHAFT ENCLOSURE SHALL INCLUDE ANY BASEMENTS OR CELLARS, BUT NOT ANY MEZZANINES. SHAFT ENCLOSURES SHALL HAVE A FIRE-RESISTANCE RATING NOT LESS THAN THE FLOOR ASSEMBLY PENETRATED, BUT NEED NOT EXCEED 2 HOURS. SHAFT ENCLOSURES SHALL MEET THE REQUIREMENTS OF SECTION703.2.1

BC 712.1.9 TWO-STORY OPENINGS. IN OTHER THAN GROUPS I-2 AND I-3, A VERTICAL OPENING THAT IS NOT USED AS ONE OF THE APPLICATIONS LISTED IN THIS SECTION SHALL BE PERMITTED IF THE OPENING COMPLIES WITH ALL OF THE ITEMS BELOW:

1.DOES NOT CONNECT MORE THAN TWO STORIES.

2.DOES NOT PENETRATE A HORIZONTAL ASSEMBLY THAT SEPARATES FIRE AREAS OR SMOKE BARRIERS THAT SEPARATE SMOKE COMPARTMENTS.

3.IS NOT CONCEALED WITHIN THE CONSTRUCTION OF A WALLOR A FLOOR/CEILING ASSEMBLY.

4.IS NOT OPEN TO A CORRIDOR IN GROUP I AND R OCCUPANCIES, WHERE SUCH CORRIDOR IS REQUIRED TO BE FIRE-RESISTANCE-RATED IN ACCORDANCE WITH TABLE 1020.1.1 OR 1020.1.2.

5.IS NOT OPEN TO A CORRIDOR ON NONSPRINKLERED FLOORS, WHERE SUCH CORRIDOR IS REQUIRED TO BE FIRE-RESISTANCE-RATED IN ACCORDANCE WITH

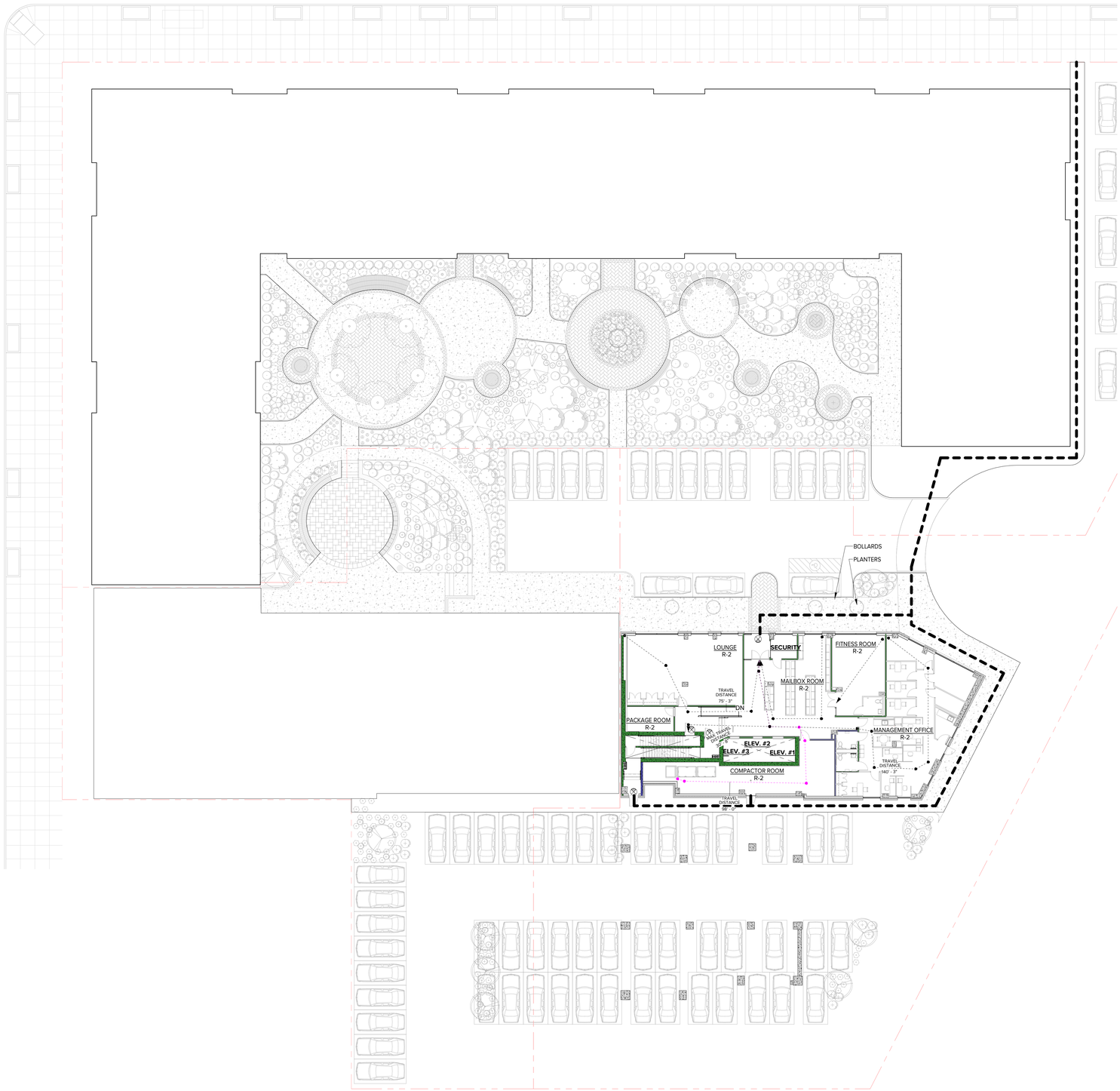
TABLE 1020.1.1 OR 1020.1.2

BC 1019.3 OCCUPANCIES OTHER THAN GROUPS H, I-2 AND I-3. IN OTHER THAN GROUP H, I-2 AND I-3 OCCUPANCIES, EXIT ACCESS STAIRWAYS OR RAMPS SHALL BE ENCLOSED WITH A SHAFT ENCLOSURE CONSTRUCTED IN ACCORDANCE WITH SECTION 713.

EXCEPTION:

IN OTHER THAN GROUP H, I-2 AND I-3 OCCUPANCIES, EXIT ACCESS STAIRWAYS OR RAMPS THAT COMPLY WITH ONE
OF THE FOLLOWING CONDITIONS NEED NOT BE ENCLOSED:

2. IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1, EXIT ACCESS STAIRWAYS AND RAMPS THAT SERVE BETWEEN ONLY THE FIRST AND SECOND STORIES ABOVE GRADE, PROVIDED THE FIRST AND SECOND STORIES HAVE ACCESS TO THE MINIMUM NUMBER OF APPROVED INDEPENDENT EXITS AS REQUIRED BY SECTION 1006, AND IN NO CASE BE LESS THAN TWO MEANS OF EGRESS. SUCH INTERCONNECTED STORIES SHALL NOT BE OPEN TO OTHER STORIES. UNENCLOSED EXIT ACCESS STAIRWAYS AND RAMPS SHALL BE REMOTELY LOCATED IN ACCORDANCE WITH SECTION 1007.




2 A-005 1ST FLOOR
1/16" = 1'-0"

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
**AUFGANG.**
74 Lafayette Avenue
Suite 301
Suffern, NY 10901
845.368.0004
info@aufgang.com

Owner/Developer
**BRONX PARK GTAH II LLC:**
280 East 161st St.
Bronx, NY 10451

Structural Engineer
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MEP Engineer
**EP ENGINEERING ASSOCIATES:**
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32nd Floor
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Civil Engineer
**PHILIP HABIB & ASSOCIATES:**
432 Park Ave. South
6th Floor
New York, NY 10016
212.929.5656


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SHEET TITLE:

# EGRESS


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DRAWING NO: A-005.00

NYC DOB NUMBER: X00945951-I1

## FIRE PROTECTION:

BUILDING IS FULLY SPRINKLERED AND EQUIPPED WITH AN ALTERNATIVE FIRE EXTINGUISHING SYSTEM, A STAND PIPE SYSTEM, SMOKE VENTS, A FIRE ALARM AND DETECTION SYSTEM & A FIRE COMMAND CENTER. IN COMPLIANCE WITH THE NYC BUILDING CODE (2022), NYC FIRE CODE & LOCAL FIRE DEPARTMENT REQUIREMENTS .

## EGRESS NOTES: CHAPTER 10 AND OTHER SECTIONS RELEVANT BUT NO LIMITED TO EGRESS REQUIREMENTS AS FOLLOWS:

**BC 1003.2** CEILING HEIGHT. THE MEANS OF EGRESS SHALL HAVE A CEILING HEIGHT OF NOT LESS THAN 7 FEET,6 INCHES.

**BC 1003.3.1** PROTRUDING OBJECTS ARE PERMITTED TO EXTEND BELOW THE MINIMUM CEILING HEIGHT FOR MINIMUM HEADROOM OF 84 INCHES (7'-0"). NOT MORE THAN 50 PERCENT OF THE CEILING AREA OF A MEANS OF EGRESS SHALL BE REDUCED IN HEIGHT BY PROTRUDING OBJECTS. A BARRIER SHALL BE PROVIDED WHERE THE VERTICAL CLEARANCE IS LESS THAN 80 INCHES (6'-8") HIGH.

**TABLE BC 1004.1.3** MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT. OCCUPANT LOAD FOR SPACES AS DETERMINED BY THIS TABLE.

**BC 1005.1** ALL PORTIONS OF THE MEANS OF EGRESS SYSTEM SHALL BE SIZED IN ACCORDANCE WITH SECTION BC 1005.

**BC 1005.3.1** THE CAPACITY OF MEANS OF EGRESS STAIRWAYS SHALL BE CALCULATED BY MULTIPLYING THE OCCUPANT LOAD SERVED BY SUCH STAIRWAYS BY A MEANS OF EGRESS FACTOR OF 0.3 INCH PER OCCUPANT.

**BC 1005.3.2** THE CAPACITY OF MEANS OF EGRESS COMPONENTS, OTHER THAN STAIRWAYS, SHALL BE CALCULATED BY MULTIPLYING THE OCCUPANT LOAD BY A MEANS OF EGRESS FACTOR OF 0.2 INCH PER OCCUPANT.

**BC 1005.4** THE MINIMUM WIDTH OF THE MEANS OF EGRESS REQUIRED FROM ANY STORY OF A BUILDING SHALL NOT BE REDUCED ALONG THE PATH OF EGRESS TRAVEL UNTIL ARRIVAL AT THE PUBLIC WAY.

**BC 1005.7.1** DOORS, WHEN FULLY OPENED, SHALL NOT REDUCE THE REQUIRED EGRESS WIDTH BY MORE THAN 7 INCHES. DOORS IN ANY POSITION SHALL NOT REDUCE THE REQUIRED WIDTH BY MORE THAN ONE-HALF.

**BC 1006.1** THE NUMBER OF EXITS OR EXIT ACCESS DOORWAYS REQUIRED WITHIN THE MEANS OF EGRESS SYSTEM SHALL COMPLY WITH THE PROVISIONS OF SECTION BC 1006.

**BC 1007.1.1** EXITS SHALL BE PLACED A DISTANCE APART NO LESS THAN ONE-HALF OF THE LENGTH OF THE MAXIMUM DIAGONAL DIMENSION OF THE BUILDING OR AREA SERVED. STAIRS SHARING COMMON WALL SHALL BE COUNTED AS ONE EXIT STAIR. IN GROUP R-2 OCCUPANCIES, STAIRS ENCLOSED IN WALLS HAVING 2-HOUR FIRE RATING CONSTRUCTED OF MASONRY OR MASONRY EQUIVALENT, EXIT DOORS SHALL BE PLACED NO LESS THAN 15 FEET APART; SUCH STAIRS MAY SHARE COMMON WALLS, FLOORS, CEILINGS OR SCISSOR STAIRS ASSEMBLIES.

**BC 1008.2** EXITS, EXIT DISCHARGES AND PUBLIC CORRIDORS SHALL BE ILLUMINATED AT ALL TIMES BY EITHER DAYLIGHT OR ELECTRIC LIGHTING FIXTURES.

**BC 1008.2.1** THE MEANS OF EGRESS ILLUMINATION LEVEL SHALL BE NOT LESS THAN 1 FOOT-CANDLE AT THE WALKING SURFACE.

**BC 1008.2.3** SENSORS AND CONTROLS. AUTOMATIC, OCCUPANT SENSOR OR PHOTO-SENSOR LIGHTING CONTROLS SHALL BE PERMITTED WITHIN MEANS OF EGRESS.

**BC 1008.3** EMERGENCY POWER FOR ILLUMINATION. THE POWER SUPPLY FOR MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE PREMISE'S ELECTRICAL SUPPLY.

**BC 1008.3.4** THE EMERGENCY POWER SYSTEM SHALL PROVIDE POWER FOR A DURATION OF NOT LESS THAN 90 MINUTES AND SHALL CONSIST OF STORAGE BATTERIES, UNIT EQUIPMENT OR AN ON-SITE GENERATOR.

**BC 1009** ACCESSIBLE MEANS OF EGRESS. ELEVATORS AND PLATFORM LIFTS PERMITTED AS ACCESSIBLE MEANS OF EGRESS SHALL COMPLY WITH THIS SECTION. ANSI ICC A117.1, CHAPTER 11 OF NYC BUILDING CODE.

**BC 1010.1** MEANS OF EGRESS DOORS SHALL BE READILY DISTINGUISHABLE FROM THE ADJACENT CONSTRUCTION AND FINISHES SUCH THAT THE DOORS ARE EASILY RECOGNIZABLE AS DOORS. MIRRORS OR SIMILAR REFLECTING MATERIALS SHALL NOT BE USED ON MEANS OF EGRESS DOORS. MEANS OF EGRESS DOORS SHALL NOT BE CONCEALED BY CURTAINS, DRAPES, DECORATIONS OR SIMILAR MATERIALS.

**BC 1010.1.1.1** THE REQUIRED CAPACITY OF EACH DOOR OPENING SHALL BE SUFFICIENT FOR THE OCCUPANT LOAD AND SHALL PROVIDE A MINIMUM CLEAR WIDTH OF 32 INCHES MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES. DOUBLE DOORS AT LEAST ONE LEAF SHALL COMPLY WITH THIS SECTION. THE MAX. WIDTH OF A SWINGING DOOR LEAF SHALL BE 48 INCHES NOMINAL.

**BC 1010.1.1.3** THE HEIGHT OF DOORS SHALL BE NOT LESS THAN 80 INCHES (6'-8").

**BC 1010.1.2.2** DOORS SHALL SWING IN THE DIRECTION OF EGRESS TRAVEL WHERE SERVING SPACES WITH AN OCCUPANT LOAD OF 75 OR MORE PERSONS AND SPACES REQUIRING MORE THAN ONE EXIT DOOR. DOORS NEED NOT SWING IN THE DIRECTION OF EGRESS TRAVEL FOR EXTERIOR STREET FLOOR EXIT DOORS FROM LOBBIES SERVING GROUP R-2 OCCUPANCIES.

**BC 1010.1.3** THE FORCE FOR PUSHING OR PULLING OPEN INTERIOR SWINGING EGRESS DOORS, OTHER THAN FIRE DOORS, SHALL NOT EXCEED 5-POUNDS.

**BC 1010.1.4** SPECIAL DOORS AND SECURITY GRILLES SHALL COMPLY WITH THE REQUIREMENTS OF SECTIONS 1010.1.4.1 THROUGH 1010.1.4.4.

**BC 1010.1.5** THERE SHALL BE A FLOOR OR LANDING ON EACH SIDE OF A DOOR. SUCH FLOOR OR LANDING SHALL BE AT THE SAME ELEVATION ON EACH SIDE OF THE DOOR. LANDINGS SHALL BE LEVEL EXCEPT FOR EXTERIOR LANDINGS, WHICH ARE PERMITTED TO HAVE A SLOPE NOT TO EXCEED 0.25 UNIT VERTICAL IN 12 UNITS HORIZONTAL (2-PERCENT SLOPE).

**BC 1010.1.6** LANDINGS SHALL HAVE A WIDTH NOT LESS THAN THE WIDTH OF THE STAIRWAY. DOORS IN THE FULLY OPEN POSITION SHALL NOT REDUCE A REQUIRED DIMENSION BY MORE THAN 7 INCHES. STAIRWAY LANDING DOORS SHALL NOT REDUCE THE LANDING TO LESS THAN 75 PERCENT OF ITS REQUIRED WIDTH. LANDINGS SHALL HAVE A LENGTH MEASURED IN THE DIRECTION OF TRAVEL NO LESS THAN 44 INCHES (3'-8").

**BC 1010.1.8** SPACE BETWEEN TWO DOORS IN A SERIES SHALL BE 48 INCHES (1220MM) MINIMUM PLUS THE WIDTH OF A DOOR SWINGING INTO THE SPACE.

**BC 1010.1.9** EXCEPT AS SPECIFICALLY PERMITTED BY THIS SECTION, EGRESS DOORS SHALL BE READILY OPEN-ABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.

**BC 1010.1.9.11** STAIRWAY DISCHARGE DOORS SHALL BE OPEN-ABLE FROM THE EGRESS SIDE AND SHALL ONLY BE LOCKED FROM THE OPPOSITE SIDE.

**BC 1010.1.10** DOORS SERVING THE FOLLOWING SHALL BE PROVIDED WITH PANIC HARDWARE OR FIRE EXIT HARDWARE: A ROOM OR SPACE WITH AN OCCUPANT LOAD OF 75 OR MORE IN A GROUP A OR E OCCUPANCY; A SPACE USED FOR ASSEMBLY PURPOSES CLASSIFIED AS A GROUP B OCCUPANCY OR AS PART OF THE OCCUPANCY IT IS ACCESSORY TO.

**BC 1010.4.1** BUILDING ENTRANCE DOORS AND OTHER EXTERIOR EXIT DOORS TO BE EQUIPPED WITH HEAVY DUTY LOCK SETS TO PREVENT THE LATCH FROM BEING MANIPULATED BY MEANS OTHER THAN A KEY. OUTSIDE MAIN ENTRANCE DOORS OPERATED BY THE TENANTS' KEY SHALL NOT BE KEYED TO ALSO OPEN THE TENANTS' APARTMENT. LIGHT TO BE PROVIDED AT ENTRANCEWAY PROVIDING 5-FTCANDLES.

**BC 1011.2** THE REQUIRED CAPACITY OF STAIRWAYS SHALL BE DETERMINED AS SPECIFIED IN SECTION 1005, BUT THE MINIMUM WIDTH SHALL BE NOT LESS THAN 44 INCHES (3'-8").

**BC 1011.3** STAIRWAYS HEADROOM NOT LESS THAN 84 INCHES (7'-0") FROM A LINE AT THE EDGE OF THE NOSING. THE MINIMUM CLEARANCE SHALL BE MAINTAINED THE FULL WIDTH OF THE STAIRWAY AND LANDINGS. IN GROUP R-2 OCCUPANCIES STAIRWAYS SHALL HAVE A HEADROOM CLEARANCE OF NOT LESS THAN 80 INCHES (6'-8").

**BC 1011.5.2** STAIR RISERS SHALL BE 7 INCHES MAXIMUM AND 4 INCHES MINIMUM. TREAD DEPTHS SHALL BE 11 INCHES MINIMUM MEASURED HORIZONTALLY FROM TREAD NOSING. DIFFERENCE IN TREAD DEPTH WITHIN A FLIGHT OF STAIRS SHALL NOT EXCEED ⅜ INCH. IN GROUP R-2 OCCUPANCIES: THE SUM OF TWO RISERS PLUS ONE TREAD SHALL BE NOT LESS THAN 24 INCHES NOR MORE THAN 25½ INCHES.

**BC 1011.6** THERE SHALL BE A FLOOR OR LANDING AT THE TOP AND BOTTOM OF EACH STAIRWAY. THE WIDTH OF LANDINGS SHALL BE THE WIDTH OF STAIRWAYS SERVED. DOORS OPENING AT LANDINGS SHALL NOT REDUCE THE LANDING TO LESS THAN ONE-HALF THE REQUIRED WIDTH.

**BC 1011.7** STAIRWAYS SHALL BE BUILT OF MATERIALS CONSISTENT WITH THE TYPES PERMITTED FOR THE TYPE OF CONSTRUCTION OF THE BUILDING.

**BC 1011.8** A FLIGHT OF STAIRS SHALL NOT HAVE A VERTICAL RISE GREATER THAN 12 FEET BETWEEN FLOOR LEVELS OR LANDINGS.

**BC 1011.11** STAIRWAYS SHALL HAVE HANDRAILS ON EACH SIDE. HANDRAIL HEIGHT SHALL BE NOT LESS THAN 34 INCHES AND NOT MORE THAN 38 INCHES.

**BC 1011.12** IN BUILDINGS FOUR OR MORE STORIES OR MORE THAN 40 FEET IN HEIGHT, AT LEAST ONE STAIRWAY SHALL EXTEND TO THE ROOF SURFACE THROUGH A STAIRWAY BULKHEAD.

**BC 1011.12.1** IN BUILDINGS IN OCCUPANCY GROUP R-2 TWO STORIES OR MORE IN HEIGHT, WITH ROOFS HAVING A SLOPE OF 15 DEGREES OR LESS, ALL INTERIOR EXIT STAIRWAYS SHALL EXTEND TO THE ROOF.

**BC 1012.2** RAMPS USED AS ACCESSIBLE ROUTE SHALL HAVE A SLOPE NOT STEEPER THAN ONE IN 12 (8%). GARAGE RAMPS WITH A MAXIMUM SLOPE OF ONE IN SEVEN (14%) MAY SERVE AS PART OF A NON-ACCESSIBLE MEANS OF EGRESS IF A PEDESTRIAN PATH IS PROVIDED. PEDESTRIAN PATH MAY BE PAINTED.

**BC 1012.4** THE RISE FOR ANY ACCESSIBLE RAMP RUN SHALL BE 30 INCHES (2'-6") MAXIMUM.

**BC 1012.6** RAMPS SHALL HAVE LANDINGS AT THE BOTTOM AND TOP OF EACH RAMP, POINTS OF TURNING, ENTRANCE, EXITS AND AT DOORS.

**BC 1012.6.3** THE LANDING LENGTH SHALL BE 60 INCHES (1525 MM) MINIMUM.

**BC 1012.6.4** WHERE CHANGES IN DIRECTION OF TRAVEL OCCUR AT LANDINGS PROVIDED BETWEEN RAMP RUNS, THE LANDING SHALL BE 60 INCHES BY 60 INCHES MIN.

**BC 1012.8** RAMPS WITH A RISE GREATER THAN 6 INCHES (152.4 MM) SHALL HAVE HANDRAILS ON BOTH SIDES.

**BC 1014.6** RETURN HANDRAILS TO WALL, GUARD, WALKING SURFACE OR CONTINUE THE HANDRAIL TO ADJACENT FLIGHT OF STAIRS OR RAMP. EXTEND STAIR HANDRAILS 12 INCHES FROM THE TOP RISER AND CONTINUE TO SLOPE BY ONE TREAD AT THE BOTTOM RISER. EXTEND RAMP HANDRAILS 12 INCHES BEYOND THE TOP AND BOTTOM. HORIZONTAL EXTENSIONS TO BE IN THE DIRECTION OF THE STAIR AND RAMP.

**BC 1014.9** STAIRWAYS SHALL HAVE INTERMEDIATE HANDRAILS LOCATED SO ALL PORTIONS OF THE STAIRWAY ARE WITHIN 30 INCHES OF A HANDRAIL. LOCATE MONUMENTAL STAIRS HANDRAILS ALONG THE MOST DIRECT PATH OF EGRESS.

**BC 1023.8** INTERIOR EXIT STAIRWAYS AND RAMPS SHALL NOT CONTINUE BELOW LEVEL OF EXIT DISCHARGE. PARTITIONS AND DOORS MUST SEPARATE THE EXIT STAIRWAY EGRESS FROM THE PORTION BELOW. DOORS SHALL BE SELF-CLOSING AND PROVIDED WITH LANDINGS. DIRECTIONAL EXIT SIGNS TO BE PROVIDED.

**BC 1023.9.1** A STAIRWAY IDENTIFICATION SIGN INDICATING EACH STAIR BY ALPHABETIC LETTER SHALL BE POSTED ON BOTH SIDES OF EACH STAIR DOOR.

**BC 1023.9.2** A FLOOR IDENTIFICATION SIGN SHALL BE PROVIDED AT EACH FLOOR LANDING IN AN INTERIOR EXIT STAIRWAY AND RAMP CONNECTING MORE THAN THREE STORIES.

**BC 403.4.8.4.2** GROUP R-2 OCCUPANCIES IN BUILDINGS GREATER THAN 125 FEET IN HEIGHT SHALL BE REQUIRED TO PROVIDE AN EMERGENCY AND STAND-BY POWER SYSTEM.

**BC 713.7** OPENINGS IN A SHAFT ENCLOSURE SHALL BE PROTECTED IN ACCORDANCE WITH SECTION BC 716 AS REQUIRED FOR FIRE-BARRIERS. DOORS SHALL BE SELF-CLOSING IN ACCORDANCE WITH THIS SECTION.

**BC 713.12.1** ALL CLOSED SHAFTS, INCLUDING VERTICAL EXIT ENCLOSURES, HAVING A FLOOR AREA EXCEEDING 4 SQUARE FEET SHALL BE PROVIDED WITH A SMOKE VENT IN ACCORDANCE WITH SECTIONS 713.12.1.1 THROUGH 713.12.1.3. INTERIOR VERTICAL EXIT SHAFT ENCLOSURES SHALL ALSO COMPLY WITH CHAPTER 10.

**713.12.1.1** SMOKE VENTS MAY BE CONSTRUCTED AS WINDOWS, LOUVERS, SKYLIGHTS, VENT DUCTS OR SIMILAR DEVICES. VENT DUCTS SHALL BE CONSTRUCTION HAVING THE SAME FIRE-RESISTANCE RATING AS THE SHAFT ENCLOSURE.

**713.12.1.2** THE EFFECTIVE VENTING AREA SHALL BE NOT LESS THAN 3½ PERCENT OF THE MAXIMUM SHAFT AREA AT ANY FLOOR, BUT IN NO EVENT LESS THAN 72 SQUARE INCHES.

**713.12.1.3.1** WHERE A SHAFT PENETRATES THROUGH THE ROOF, THE SHAFT VENT SHALL BE LOCATED NOT LESS THAN 8 INCHES ABOVE A NONCOMBUSTIBLE ROOF ASSEMBLY OR NOT LESS THAN 36 INCHES ABOVE A COMBUSTIBLE ROOF. THE VENT SHALL BE LOCATED NOT LESS THAN 10 FEET FROM ANY WINDOW, DOOR, EXTERIOR STAIRWAY, OR INTERIOR LOT LINE. THE VENT MAY BE LOCATED NOT LESS THAN 5 FEET FROM ANY WINDOW OR DOOR IF LOCATED HIGHER THAN THE TOP OF SUCH WINDOW OR DOOR. IF THE VENT IS CONSTRUCTED AS A WINDOW OR LOUVER, THE SILL OF THE SUCH SHALL BE LOCATED NOT LESS THAN 36 INCHES ABOVE THE ROOF.

## HIGH RISE NOTES: CHAPTER 4 AND OTHER SECTIONS RELEVANT BUT NO LIMITED TO HIGH RISE REQUIREMENTS AS FOLLOWS:

**BC 403.4.4** AN EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 907.5.2.2.

**BC 403.4.8.4** AN EMERGENCY POWER SYSTEM COMPLYING WITH SECTION 2702 SHALL BE PROVIDED FOR EMERGENCY POWER LOADS

**BC 403.5.3** STAIRWAYS SHALL BE PROVIDED WITH THE REQUIRED DOOR OPERATION BASED ON BC 403.5.3

**BC 1009.2.1** IN HIGH-RISE BUILDINGS SUBJECT TO SECTION 403, AT LESAT ONE REQUIRED ACCESSIBLE MEANS OF EGRESS SHALL BE AN ELEVATOR COMPLYING WITH SECTION 1009.4.

**BC 1009.4** ELEVATOR SHALL COMPLY WITH EMERGENCY OPERATION AND SIGNALING DEVICE REQUIREMENTS OF SECTION 2.27 OF ASME A17.1 AND SECTION 1109.7. EMERGENCY POWER SHALL BE PROVIDED IN ACCORDANCE WITH CHAPTER 27 AND SECTION 3003.

**BC 1023.11** EACH OF THE EXITS OF A BUILDING THAT SERVES STORIES WHERE THE FLOOR SURFACE IS LOCATED MORE THAN 75 FEET ABOVE THE LOWEST LEVEL OF FIRE DEPARTMENT VEHICLE ACCESS SHALL BE A SMOKEPROOF ENCLOSURE OR PRESSURIZED STAIRWAY IN ACCORDANCE WITH SECTION 909.20

BC 713.4 FIRE-RESISTANCE RATING.SHAFT ENCLOSURES SHALL HAVE A FIRE-RESISTANCE RATING OF NOT LESSTHAN 2 HOURS WHERE PENETRATING THREESTORIES OR MORE, AND NOT LESS THAN 1 HOUR WHERE PENETRATING FEWERTHAN THREESTORIES. THE NUMBER OF STORIES CONNECTED BY THE SHAFT ENCLOSURE SHALL INCLUDE ANY BASEMENTS OR CELLARS, BUT NOT ANY MEZZANINES. SHAFT ENCLOSURES SHALL HAVE A FIRE-RESISTANCE RATING NOT LESS THAN THE FLOOR ASSEMBLY PENETRATED, BUT NEED NOT EXCEED 2 HOURS. SHAFT ENCLOSURES SHALL MEET THE REQUIREMENTS OF SECTION703.2.1

BC 712.1.9 TWO-STORY OPENINGS. IN OTHER THAN GROUPS I-2 AND I-3, A VERTICAL OPENING THAT IS NOT USED AS ONE OF THE APPLICATIONS LISTED IN THIS SECTION SHALL BE PERMITTED IF THE OPENING COMPLIES WITH ALL OF THE ITEMS BELOW:

1.DOES NOT CONNECT MORE THAN TWO STORIES.

2.DOES NOT PENETRATE A HORIZONTAL ASSEMBLY THAT SEPARATES FIRE AREAS OR SMOKE BARRIERS THAT SEPARATE SMOKE COMPARTMENTS.

3.IS NOT CONCEALED WITHIN THE CONSTRUCTION OF A WALLOR A FLOOR/CEILING ASSEMBLY.

4.IS NOT OPEN TO A CORRIDOR IN GROUP I AND R OCCUPANCIES, WHERE SUCH CORRIDOR IS REQUIRED TO BE FIRE-RESISTANCE-RATED IN ACCORDANCE WITH TABLE 1020.1.1 OR 1020.1.2.

5.IS NOT OPEN TO A CORRIDOR ON NONSPRINKLERED FLOORS, WHERE SUCH CORRIDOR IS REQUIRED TO BE FIRE-RESISTANCE-RATED IN ACCORDANCE WITH

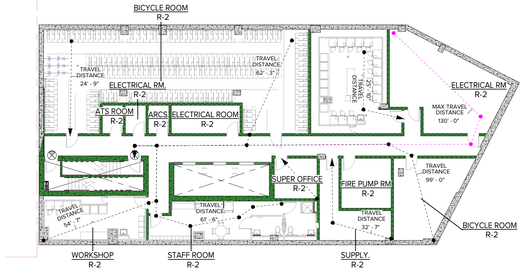
TABLE 1020.1.1 OR 1020.1.2

BC 1019.3 OCCUPANCIES OTHER THAN GROUPS H, I-2 AND I-3. IN OTHER THAN GROUP H, I-2 AND I-3 OCCUPANCIES, EXIT ACCESS STAIRWAYS OR RAMPS SHALL BE ENCLOSED WITH A SHAFT ENCLOSURE CONSTRUCTED IN ACCORDANCE WITH SECTION 713.

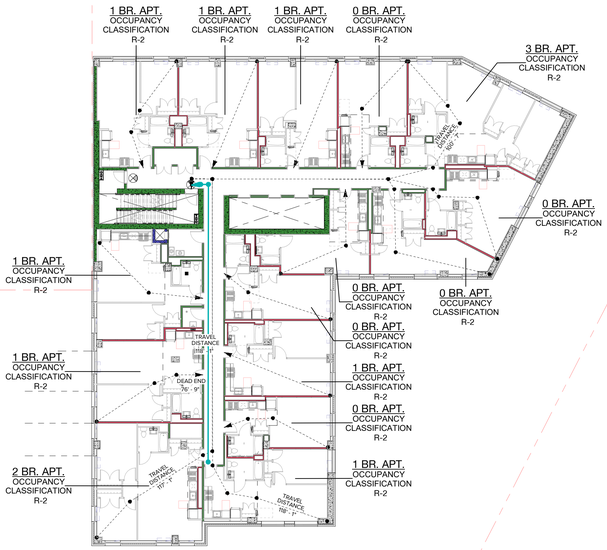
EXCEPTION:

IN OTHER THAN GROUP H, I-2 AND I-3 OCCUPANCIES, EXIT ACCESS STAIRWAYS OR RAMPS THAT COMPLY WITH ONE OF THE FOLLOWING CONDITIONS NEED NOT BE ENCLOSED:

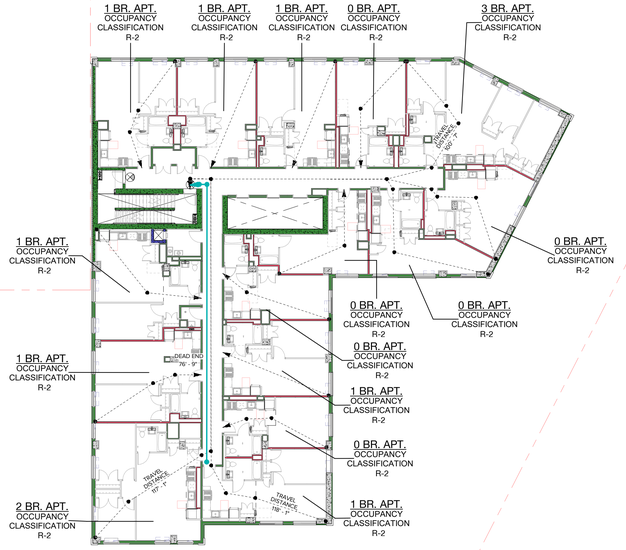
2. IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1, EXIT ACCESS STAIRWAYS AND RAMPS THAT SERVE BETWEEN ONLY THE FIRST AND SECOND STORIES ABOVE GRADE, PROVIDED THE FIRST AND SECOND STORIES HAVE ACCESS TO THE MINIMUM NUMBER OF APPROVED INDEPENDENT EXITS AS REQUIRED BY SECTION 1006, AND IN NO CASE BE LESS THAN TWO MEANS OF EGRESS. SUCH INTERCONNECTED STORIES SHALL NOT BE OPEN TO OTHER STORIES. UNENCLOSED EXIT ACCESS STAIRWAYS AND RAMPS SHALL BE REMOTELY LOCATED IN ACCORDANCE WITH SECTION 1007.




3 A-006 Cellar
1/16" = 1'-0"




1 A-006 2nd Floor
1/16" = 1'-0"




2 A-006 3rd Floor - 9th floor plans
1/16" = 1'-0"

### SYMBOL LEGEND

| SYMBOL | DESCRIPTION |
|---|---|
| | 3 HR RATED WALL |
| | 2 HR RATED WALL |
| | 1 HR RATED WALL |
| | CEILING MOUNTED EXIT SIGN |
| | WALL MOUNTED EXIT SIGN |
| SIGN | SIGN AT ELEVATOR LANDING |
| 1 | 3'-0" WIDE DOOR (1 LEAF) EXIT CAPACITY = 34" / 0.2 = 170 |
| 2 | 3'-0" WIDE DOOR (2 LEAFS) EXIT CAPACITY = 68" / 0.2 = 340 |
| S | SMOKE DETECTOR |
| H | HEAT DETECTOR |
| SCM | SMOKE / CARBON MONOXIDE DETECTOR |

### MINIMUM WIDTH OF EGRESS

| | NYC BUILDING CODE SECTION | MIN REQUIRED (in.) | PROVIDED (in) |
|---|---|---|---|
| STAIRWAYS | 1011.2 | 44" | 44" |
| CORRIDORS | 1020.2 | 44" | 48" - 60" |

### MAXIMUM TRAVEL DISTANCE (W/ SPRINKLERS) TABLE 1017.2 (*)

| OCCUPANCY GROUP | | MAXIMUM PERMITTED (FT.) | PROVIDED (FT.) |
|---|---|---|---|
| RESIDENTIAL | R-2 | 200'-0" | 118'-1" FROM UNIT #01 @ 3RD-19TH FLOORS |

* DEAD END IN R-2 OCCUPANCY SHALL NOT EXCEED 80' ALL FLOORS COMPLY - BC 1020.4 EXCEPTION 4

Area Schedule (Egress)

| Name | Occupancy Class | Area | Net Floor Area Per Occupant (SQ. FT) | Max # of Occ |
|---|---|---|---|---|
| Cellar | | | | |
| ARCS | R-2 | 39 SF | 300 SF | 0 |
| ATS ROOM | R-2 | 39 SF | 300 SF | 0 |
| BICYCLE ROOM | R-2 | 1920 SF | 300 SF | 6 |
| ELECTRICAL RM | R-2 | 574 SF | 300 SF | 2 |
| ELECTRICAL RM. | R-2 | 39 SF | 300 SF | 0 |
| ELECTRICAL ROOM | R-2 | 131 SF | 300 SF | 0 |
| FIRE PUMP RM | R-2 | 169 SF | 300 SF | 1 |
| STAFF ROOM | R-2 | 401 SF | 300 SF | 1 |
| SUPER OFFICE | R-2 | 118 SF | 300 SF | 0 |
| SUPPLY. | R-2 | 213 SF | 300 SF | 1 |
| WORKSHOP | R-2 | 309 SF | 300 SF | 1 |
| 1ST FLOOR | | | | |
| COMPACTOR ROOM | R-2 | 733 SF | 300 SF | 2 |
| FITNESS ROOM | R-2 | 501 SF | 50 SF | 10 |
| LOUNGE | R-2 | 982 SF | 200 SF | 5 |
| MAILBOX ROOM | R-2 | 414 SF | 200 SF | 2 |
| MANAGEMENT OFFICE | R-2 | 1601 SF | 200 SF | 8 |
| PACKAGE ROOM | R-2 | 144 SF | 300 SF | 0 |
| 2nd Floor | | | | |
| RESIDENTIAL | R-2 | 9209 SF | 200 SF | 46 |
| 3rd Floor - 9th floor plans | | | | |
| RESIDENTIAL | R-2 | 9066 SF | 200 SF | 45 |
| 10th - 15th Floor Plans | | | | |
| RESIDENTIAL | R-2 | 9055 SF | 200 SF | 45 |
| 16th Floor to 26th | | | | |
| RESIDENTIAL | R-2 | 9081 SF | 200 SF | 45 |

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
**AUFGANG.**
74 Lafayette Avenue
Suite 301
Suffern, NY 10901
845.368.0004
info@aufgang.com

Owner/Developer
**BRONX PARK GTAH II LLC:**
280 East 161st St.
Bronx, NY 10451

Structural Engineer
**DESIMONE ENGINEERING:**
140 Broadway
25th Floor
New York, NY 10005
212.532.2211

MEP Engineer
**EP ENGINEERING ASSOCIATES:**
110 William St.
32nd Floor
New York, NY 10038
646.779.0758

Civil Engineer
**PHILIP HABIB & ASSOCIATES:**
432 Park Ave. South
6th Floor
New York, NY 10016
212.929.5656


| DATE | SUBMISSIONS / REVISIONS |
|---|---|
| 10/17/2025 | ISSUED FOR 100% DD |
| 09/15/2025 | ISSUED TO DOB |
| 05/02/2025 | ISSUED FOR 50% DD |
| 11/08/2024 | ISSUED FOR 100% SD |

SHEET TITLE:

# EGRESS


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SCALE: As indicated SHEET NO: OF

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**BC 1003.2** CEILING HEIGHT. THE MEANS OF EGRESS SHALL HAVE A CEILING HEIGHT OF NOT LESS THAN 7 FEET,6 INCHES.

**BC 1003.3.1** PROTRUDING OBJECTS ARE PERMITTED TO EXTEND BELOW THE MINIMUM CEILING HEIGHT FOR MINIMUM HEADROOM OF 84 INCHES (7'-0"). NOT MORE THAN 50 PERCENT OF THE CEILING AREA OF A MEANS OF EGRESS SHALL BE REDUCED IN HEIGHT BY PROTRUDING OBJECTS. A BARRIER SHALL BE PROVIDED WHERE THE VERTICAL CLEARANCE IS LESS THAN 80 INCHES (6'-8") HIGH.

**TABLE BC 1004.1.3** MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT. OCCUPANT LOAD FOR SPACES AS DETERMINED BY THIS TABLE.

**BC 1005.1** ALL PORTIONS OF THE MEANS OF EGRESS SYSTEM SHALL BE SIZED IN ACCORDANCE WITH SECTION BC 1005.

**BC 1005.3.1** THE CAPACITY OF MEANS OF EGRESS STAIRWAYS SHALL BE CALCULATED BY MULTIPLYING THE OCCUPANT LOAD SERVED BY SUCH STAIRWAYS BY A MEANS OF EGRESS FACTOR OF 0.3 INCH PER OCCUPANT.

**BC 1005.3.2** THE CAPACITY OF MEANS OF EGRESS COMPONENTS, OTHER THAN STAIRWAYS, SHALL BE CALCULATED BY MULTIPLYING THE OCCUPANT LOAD BY A MEANS OF EGRESS FACTOR OF 0.2 INCH PER OCCUPANT.

**BC 1005.4** THE MINIMUM WIDTH OF THE MEANS OF EGRESS REQUIRED FROM ANY STORY OF A BUILDING SHALL NOT BE REDUCED ALONG THE PATH OF EGRESS TRAVEL UNTIL ARRIVAL AT THE PUBLIC WAY.

**BC 1005.7.1** DOORS, WHEN FULLY OPENED, SHALL NOT REDUCE THE REQUIRED EGRESS WIDTH BY MORE THAN 7 INCHES. DOORS IN ANY POSITION SHALL NOT REDUCE THE REQUIRED WIDTH BY MORE THAN ONE-HALF.

**BC 1006.1** THE NUMBER OF EXITS OR EXIT ACCESS DOORWAYS REQUIRED WITHIN THE MEANS OF EGRESS SYSTEM SHALL COMPLY WITH THE PROVISIONS OF SECTION BC 1006.

**BC 1007.1.1** EXITS SHALL BE PLACED A DISTANCE APART NO LESS THAN ONE-HALF OF THE LENGTH OF THE MAXIMUM DIAGONAL DIMENSION OF THE BUILDING OR AREA SERVED. STAIRS SHARING COMMON WALL SHALL BE COUNTED AS ONE EXIT STAIR. IN GROUP R-2 OCCUPANCIES, STAIRS ENCLOSED IN WALLS HAVING 2-HOUR FIRE RATING CONSTRUCTED OF MASONRY OR MASONRY EQUIVALENT, EXIT DOORS SHALL BE PLACED NO LESS THAN 15 FEET APART; SUCH STAIRS MAY SHARE COMMON WALLS, FLOORS, CEILINGS OR SCISSOR STAIRS ASSEMBLIES.

**BC 1008.2** EXITS, EXIT DISCHARGES AND PUBLIC CORRIDORS SHALL BE ILLUMINATED AT ALL TIMES BY EITHER DAYLIGHT OR ELECTRIC LIGHTING FIXTURES.

**BC 1008.2.1** THE MEANS OF EGRESS ILLUMINATION LEVEL SHALL BE NOT LESS THAN 1 FOOT-CANDLE AT THE WALKING SURFACE.

**BC 1008.2.3** SENSORS AND CONTROLS. AUTOMATIC, OCCUPANT SENSOR OR PHOTO-SENSOR LIGHTING CONTROLS SHALL BE PERMITTED WITHIN MEANS OF EGRESS.

**BC 1008.3** EMERGENCY POWER FOR ILLUMINATION. THE POWER SUPPLY FOR MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE PREMISE'S ELECTRICAL SUPPLY.

**BC 1008.3.4** THE EMERGENCY POWER SYSTEM SHALL PROVIDE POWER FOR A DURATION OF NOT LESS THAN 90 MINUTES AND SHALL CONSIST OF STORAGE BATTERIES, UNIT EQUIPMENT OR AN ON-SITE GENERATOR.

**BC 1009** ACCESSIBLE MEANS OF EGRESS. ELEVATORS AND PLATFORM LIFTS PERMITTED AS ACCESSIBLE MEANS OF EGRESS SHALL COMPLY WITH THIS SECTION, ANSI ICC A117.1, CHAPTER 11 OF NYC BUILDING CODE.

**BC 1010.1** MEANS OF EGRESS DOORS SHALL BE READILY DISTINGUISHABLE FROM THE ADJACENT CONSTRUCTION AND FINISHES SUCH THAT THE DOORS ARE EASILY RECOGNIZABLE AS DOORS. MIRRORS OR SIMILAR REFLECTING MATERIALS SHALL NOT BE USED ON MEANS OF EGRESS DOORS. MEANS OF EGRESS DOORS SHALL NOT BE CONCEALED BY CURTAINS, DRAPES, DECORATIONS OR SIMILAR MATERIALS.

**BC 1010.1.1.1** THE REQUIRED CAPACITY OF EACH DOOR OPENING SHALL BE SUFFICIENT FOR THE OCCUPANT LOAD AND SHALL PROVIDE A MINIMUM CLEAR WIDTH OF 32 INCHES MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES. DOUBLE DOORS AT LEAST ONE LEAF SHALL COMPLY WITH THIS SECTION. THE MAX. WIDTH OF A SWINGING DOOR LEAF SHALL BE 48 INCHES NOMINAL.

**BC 1010.1.1.3** THE HEIGHT OF DOORS SHALL BE NOT LESS THAN 80 INCHES (6'-8").

**BC 1010.1.2.2** DOORS SHALL SWING IN THE DIRECTION OF EGRESS TRAVEL WHERE SERVING SPACES WITH AN OCCUPANT LOAD OF 75 OR MORE PERSONS AND SPACES REQUIRING MORE THAN ONE EXIT DOOR. DOORS NEED NOT SWING IN THE DIRECTION OF EGRESS TRAVEL FOR EXTERIOR STREET FLOOR EXIT DOORS FROM LOBBIES SERVING GROUP R-2 OCCUPANCIES.

**BC 1010.1.3** THE FORCE FOR PUSHING OR PULLING OPEN INTERIOR SWINGING EGRESS DOORS, OTHER THAN FIRE DOORS, SHALL NOT EXCEED 5-POUNDS.

**BC 1010.1.4** SPECIAL DOORS AND SECURITY GRILLES SHALL COMPLY WITH THE REQUIREMENTS OF SECTIONS 1010.1.4.1 THROUGH 1010.1.4.4.

**BC 1010.1.5** THERE SHALL BE A FLOOR OR LANDING ON EACH SIDE OF A DOOR. SUCH FLOOR OR LANDING SHALL BE AT THE SAME ELEVATION ON EACH SIDE OF THE DOOR. LANDINGS SHALL BE LEVEL EXCEPT FOR EXTERIOR LANDINGS, WHICH ARE PERMITTED TO HAVE A SLOPE NOT TO EXCEED 0.25 UNIT VERTICAL IN 12 UNITS HORIZONTAL (2-PERCENT SLOPE).

**BC 1010.1.6** LANDINGS SHALL HAVE A WIDTH NOT LESS THAN THE WIDTH OF THE STAIRWAY. DOORS IN THE FULLY OPEN POSITION SHALL NOT REDUCE A REQUIRED DIMENSION BY MORE THAN 7 INCHES. STAIRWAY LANDING DOORS SHALL NOT REDUCE THE LANDING TO LESS THAN 75 PERCENT OF ITS REQUIRED WIDTH. LANDINGS SHALL HAVE A LENGTH MEASURED IN THE DIRECTION OF TRAVEL NO LESS THAN 44 INCHES (3'-8").

**BC 1010.1.8** SPACE BETWEEN TWO DOORS IN A SERIES SHALL BE 48 INCHES (1220MM) MINIMUM PLUS THE WIDTH OF A DOOR SWINGING INTO THE SPACE.

**BC 1010.1.9** EXCEPT AS SPECIFICALLY PERMITTED BY THIS SECTION, EGRESS DOORS SHALL BE READILY OPEN-ABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.

**BC 1010.1.9.11** STAIRWAY DISCHARGE DOORS SHALL BE OPEN-ABLE FROM THE EGRESS SIDE AND SHALL ONLY BE LOCKED FROM THE OPPOSITE SIDE.

**BC 1010.1.10** DOORS SERVING THE FOLLOWING SHALL BE PROVIDED WITH PANIC HARDWARE OR FIRE EXIT HARDWARE: A ROOM OR SPACE WITH AN OCCUPANT LOAD OF 75 OR MORE IN A GROUP A OR E OCCUPANCY; A SPACE USED FOR ASSEMBLY PURPOSES CLASSIFIED AS A GROUP B OCCUPANCY OR AS PART OF THE OCCUPANCY IT IS ACCESSORY TO.

**BC 1010.4.1** BUILDING ENTRANCE DOORS AND OTHER EXTERIOR EXIT DOORS TO BE EQUIPPED WITH HEAVY DUTY LOCK SETS TO PREVENT THE LATCH FROM BEING MANIPULATED BY MEANS OTHER THAN A KEY. OUTSIDE MAIN ENTRANCE DOORS OPERATED BY THE TENANTS' KEY SHALL NOT BE KEYED TO ALSO OPEN THE TENANTS' APARTMENT. LIGHT TO BE PROVIDED AT ENTRANCEWAY PROVIDING 5-FTCANDLES.

**BC 1011.2** THE REQUIRED CAPACITY OF STAIRWAYS SHALL BE DETERMINED AS SPECIFIED IN SECTION 1005, BUT THE MINIMUM WIDTH SHALL BE NOT LESS THAN 44 INCHES (3'-8").

**BC 1011.3** STAIRWAYS HEADROOM NOT LESS THAN 84 INCHES (7'-0") FROM A LINE AT THE EDGE OF THE NOSING. THE MINIMUM CLEARANCE SHALL BE MAINTAINED THE FULL WIDTH OF THE STAIRWAY AND LANDINGS. IN GROUP R-2 OCCUPANCIES STAIRWAYS SHALL HAVE A HEADROOM CLEARANCE OF NOT LESS THAN 80 INCHES (6'-8").

**BC 1011.5.2** STAIR RISERS SHALL BE 7 INCHES MAXIMUM AND 4 INCHES MINIMUM. TREAD DEPTHS SHALL BE 11 INCHES MINIMUM MEASURED HORIZONTALLY FROM TREAD NOSING. DIFFERENCE IN TREAD DEPTH WITHIN A FLIGHT OF STAIRS SHALL NOT EXCEED ⅜ INCH. IN GROUP R-2 OCCUPANCIES: THE SUM OF TWO RISERS PLUS ONE TREAD SHALL BE NOT LESS THAN 24 INCHES NOR MORE THAN 25½ INCHES.

**BC 1011.6** THERE SHALL BE A FLOOR OR LANDING AT THE TOP AND BOTTOM OF EACH STAIRWAY. THE WIDTH OF LANDINGS SHALL BE THE WIDTH OF STAIRWAYS SERVED. DOORS OPENING AT LANDINGS SHALL NOT REDUCE THE LANDING TO LESS THAN ONE-HALF THE REQUIRED WIDTH.

**BC 1011.7** STAIRWAYS SHALL BE BUILT OF MATERIALS CONSISTENT WITH THE TYPES PERMITTED FOR THE TYPE OF CONSTRUCTION OF THE BUILDING.

**BC 1011.8** A FLIGHT OF STAIRS SHALL NOT HAVE A VERTICAL RISE GREATER THAN 12 FEET BETWEEN FLOOR LEVELS OR LANDINGS.

**BC 1011.11** STAIRWAYS SHALL HAVE HANDRAILS ON EACH SIDE. HANDRAIL HEIGHT SHALL BE NOT LESS THAN 34 INCHES AND NOT MORE THAN 38 INCHES.

**BC 1011.12** IN BUILDINGS FOUR OR MORE STORIES OR MORE THAN 40 FEET IN HEIGHT, AT LEAST ONE STAIRWAY SHALL EXTEND TO THE ROOF SURFACE THROUGH A STAIRWAY BULKHEAD.

**BC 1011.12.1** IN BUILDINGS IN OCCUPANCY GROUP R-2 TWO STORIES OR MORE IN HEIGHT, WITH ROOFS HAVING A SLOPE OF 15 DEGREES OR LESS, ALL INTERIOR EXIT STAIRWAYS SHALL EXTEND TO THE ROOF.

**BC 1012.2** RAMPS USED AS ACCESSIBLE ROUTE SHALL HAVE A SLOPE NOT STEEPER THAN ONE IN 12 (8%). GARAGE RAMPS WITH A MAXIMUM SLOPE OF ONE IN SEVEN (14%) MAY SERVE AS PART OF A NON-ACCESSIBLE MEANS OF EGRESS IF A PEDESTRIAN PATH IS PROVIDED. PEDESTRIAN PATH MAY BE PAINTED.

**BC 1012.4** THE RISE FOR ANY ACCESSIBLE RAMP RUN SHALL BE 30 INCHES (2'-6") MAXIMUM.

**BC 1012.6** RAMPS SHALL HAVE LANDINGS AT THE BOTTOM AND TOP OF EACH RAMP, POINTS OF TURNING, ENTRANCE, EXITS AND AT DOORS.

**BC 1012.6.3** THE LANDING LENGTH SHALL BE 60 INCHES (1525 MM) MINIMUM.

**BC 1012.6.4** WHERE CHANGES IN DIRECTION OF TRAVEL OCCUR AT LANDINGS PROVIDED BETWEEN RAMP RUNS, THE LANDING SHALL BE 60 INCHES BY 60 INCHES MIN.

**BC 1012.8** RAMPS WITH A RISE GREATER THAN 6 INCHES (152.4 MM) SHALL HAVE HANDRAILS ON BOTH SIDES.

**BC 1014.6** RETURN HANDRAILS TO WALL, GUARD, WALKING SURFACE OR CONTINUE THE HANDRAIL TO ADJACENT FLIGHT OF STAIRS OR RAMP. EXTEND STAIR HANDRAILS 12 INCHES FROM THE TOP RISER AND CONTINUE TO SLOPE BY ONE TREAD AT THE BOTTOM RISER. EXTEND RAMP HANDRAILS 12 INCHES BEYOND THE TOP AND BOTTOM. HORIZONTAL EXTENSIONS TO BE IN THE DIRECTION OF THE STAIR AND RAMP.

**BC 1014.9** STAIRWAYS SHALL HAVE INTERMEDIATE HANDRAILS LOCATED SO ALL PORTIONS OF THE STAIRWAY ARE WITHIN 30 INCHES OF A HANDRAIL. LOCATE MONUMENTAL STAIRS HANDRAILS ALONG THE MOST DIRECT PATH OF EGRESS.

**BC 1023.8** INTERIOR EXIT STAIRWAYS AND RAMPS SHALL NOT CONTINUE BELOW LEVEL OF EXIT DISCHARGE. PARTITIONS AND DOORS MUST SEPARATE THE EXIT STAIRWAY EGRESS FROM THE PORTION BELOW. DOORS SHALL BE SELF-CLOSING AND PROVIDED WITH LANDINGS. DIRECTIONAL EXIT SIGNS TO BE PROVIDED.

**BC 1023.9.1** A STAIRWAY IDENTIFICATION SIGN INDICATING EACH STAIR BY ALPHABETIC LETTER SHALL BE POSTED ON BOTH SIDES OF EACH STAIR DOOR.

**BC 1023.9.2** A FLOOR IDENTIFICATION SIGN SHALL BE PROVIDED AT EACH FLOOR LANDING IN AN INTERIOR EXIT STAIRWAY AND RAMP CONNECTING MORE THAN THREE STORIES.

**BC 403.4.8.4.2** GROUP R-2 OCCUPANCIES IN BUILDINGS GREATER THAN 125 FEET IN HEIGHT SHALL BE REQUIRED TO PROVIDE AN EMERGENCY AND STAND-BY POWER SYSTEM.

**BC 713.7** OPENINGS IN A SHAFT ENCLOSURE SHALL BE PROTECTED IN ACCORDANCE WITH SECTION BC 716 AS REQUIRED FOR FIRE-BARRIERS. DOORS SHALL BE SELF-CLOSING IN ACCORDANCE WITH THIS SECTION.

**BC 713.12.1** ALL CLOSED SHAFTS, INCLUDING VERTICAL EXIT ENCLOSURES, HAVING A FLOOR AREA EXCEEDING 4 SQUARE FEET SHALL BE PROVIDED WITH A SMOKE VENT IN ACCORDANCE WITH SECTIONS 713.12.1.1 THROUGH 713.12.1.3. INTERIOR VERTICAL EXIT SHAFT ENCLOSURES SHALL ALSO COMPLY WITH CHAPTER 10.

**713.12.1.1** SMOKE VENTS MAY BE CONSTRUCTED AS WINDOWS, LOUVERS, SKYLIGHTS, VENT DUCTS OR SIMILAR DEVICES. VENT DUCTS SHALL BE CONSTRUCTION HAVING THE SAME FIRE-RESISTANCE RATING AS THE SHAFT ENCLOSURE.

**713.12.1.2** THE EFFECTIVE VENTING AREA SHALL BE NOT LESS THAN 3½ PERCENT OF THE MAXIMUM SHAFT AREA AT ANY FLOOR, BUT IN NO EVENT LESS THAN 72 SQUARE INCHES.

**713.12.1.3.1** WHERE A SHAFT PENETRATES THROUGH THE ROOF, THE SHAFT VENT SHALL BE LOCATED NOT LESS THAN 8 INCHES ABOVE A NONCOMBUSTIBLE ROOF ASSEMBLY OR NOT LESS THAN 36 INCHES ABOVE A COMBUSTIBLE ROOF. THE VENT SHALL BE LOCATED NOT LESS THAN 10 FEET FROM ANY WINDOW, DOOR, EXTERIOR STAIRWAY, OR INTERIOR LOT LINE. THE VENT MAY BE LOCATED NOT LESS THAN 5 FEET FROM ANY WINDOW OR DOOR IF LOCATED HIGHER THAN THE TOP OF SUCH WINDOW OR DOOR. IF THE VENT IS CONSTRUCTED AS A WINDOW OR LOUVER, THE SILL OF THE SUCH SHALL BE LOCATED NOT LESS THAN 36 INCHES ABOVE THE ROOF.

## HIGH RISE NOTES: CHAPTER 4 AND OTHER SECTIONS RELEVANT BUT NO LIMITED TO HIGH RISE REQUIREMENTS AS FOLLOWS:

**BC 403.4.4** AN EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 907.5.2.2.

**BC 403.4.8.4** AN EMERGENCY POWER SYSTEM COMPLYING WITH SECTION 2702 SHALL BE PROVIDED FOR EMERGENCY POWER LOADS

**BC 403.5.3** STAIRWAYS SHALL BE PROVIDED WITH THE REQUIRED DOOR OPERATION BASED ON BC 403.5.3

**BC 1009.2.1** IN HIGH-RISE BUILDINGS SUBJECT TO SECTION 403, AT LESAT ONE REQUIRED ACCESSIBLE MEANS OF EGRESS SHALL BE AN ELEVATOR COMPLYING WITH SECTION 1009.4.

**BC 1009.4** ELEVATOR SHALL COMPLY WITH EMERGENCY OPERATION AND SIGNALING DEVICE REQUIREMENTS OF SECTION 2.27 OF ASME A17.1 AND SECTION 1109.7. EMERGENCY POWER SHALL BE PROVIDED IN ACCORDANCE WITH CHAPTER 27 AND SECTION 3003.

**BC 1023.11** EACH OF THE EXITS OF A BUILDING THAT SERVES STORIES WHERE THE FLOOR SURFACE IS LOCATED MORE THAN 75 FEET ABOVE THE LOWEST LEVEL OF FIRE DEPARTMENT VEHICLE ACCESS SHALL BE A SMOKEPROOF ENCLOSURE OR PRESSURIZED STAIRWAY IN ACCORDANCE WITH SECTION 909.20

BC 713.4 FIRE-RESISTANCE RATING.SHAFT ENCLOSURES SHALL HAVE A FIRE-RESISTANCE RATING OF NOT LESSTHAN 2 HOURS WHERE PENETRATING THREESTORIES OR MORE, AND NOT LESS THAN 1 HOUR WHERE PENETRATING FEWERTHAN THREESTORIES. THE NUMBER OF STORIES CONNECTED BY THE SHAFT ENCLOSURE SHALL INCLUDE ANY BASEMENTS OR CELLARS, BUT NOT ANY MEZZANINES. SHAFT ENCLOSURES SHALL HAVE A FIRE-RESISTANCE RATING NOT LESS THAN THE FLOOR ASSEMBLY PENETRATED, BUT NEED NOT EXCEED 2 HOURS. SHAFT ENCLOSURES SHALL MEET THE REQUIREMENTS OF SECTION703.2.1

BC 712.1.9 TWO-STORY OPENINGS. IN OTHER THAN GROUPS I-2 AND I-3, A VERTICAL OPENING THAT IS NOT USED AS ONE OF THE APPLICATIONS LISTED IN THIS SECTION SHALL BE PERMITTED IF THE OPENING COMPLIES WITH ALL OF THE ITEMS BELOW:

1.DOES NOT CONNECT MORE THAN TWO STORIES.

2.DOES NOT PENETRATE A HORIZONTAL ASSEMBLY THAT SEPARATES FIRE AREAS OR SMOKE BARRIERS THAT SEPARATE SMOKE COMPARTMENTS.

3.IS NOT CONCEALED WITHIN THE CONSTRUCTION OF A WALLOR A FLOOR/CEILING ASSEMBLY.

4.IS NOT OPEN TO A CORRIDOR IN GROUP I AND R OCCUPANCIES, WHERE SUCH CORRIDOR IS REQUIRED TO BE FIRE-RESISTANCE-RATED IN ACCORDANCE WITH TABLE 1020.1.1 OR 1020.1.2.

5.IS NOT OPEN TO A CORRIDOR ON NONSPRINKLERED FLOORS, WHERE SUCH CORRIDOR IS REQUIRED TO BE FIRE-RESISTANCE-RATED IN ACCORDANCE WITH

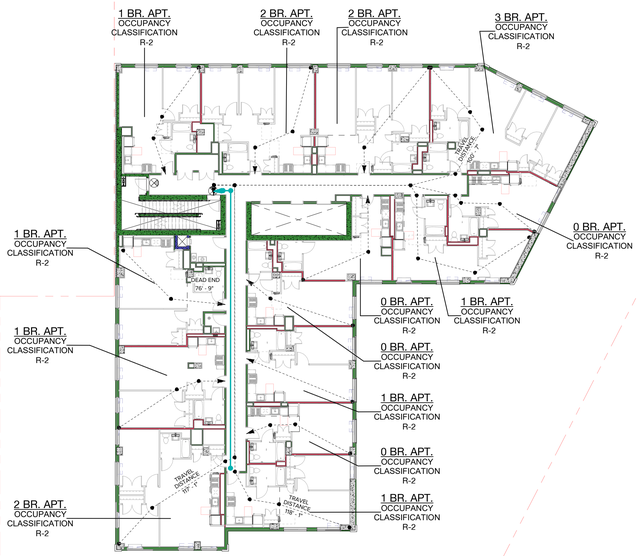
TABLE 1020.1.1 OR 1020.1.2

BC 1019.3 OCCUPANCIES OTHER THAN GROUPS H, I-2 AND I-3. IN OTHER THAN GROUP H, I-2 AND I-3 OCCUPANCIES, EXIT ACCESS STAIRWAYS OR RAMPS SHALL BE ENCLOSED WITH A SHAFT ENCLOSURE CONSTRUCTED IN ACCORDANCE WITH SECTION 713.

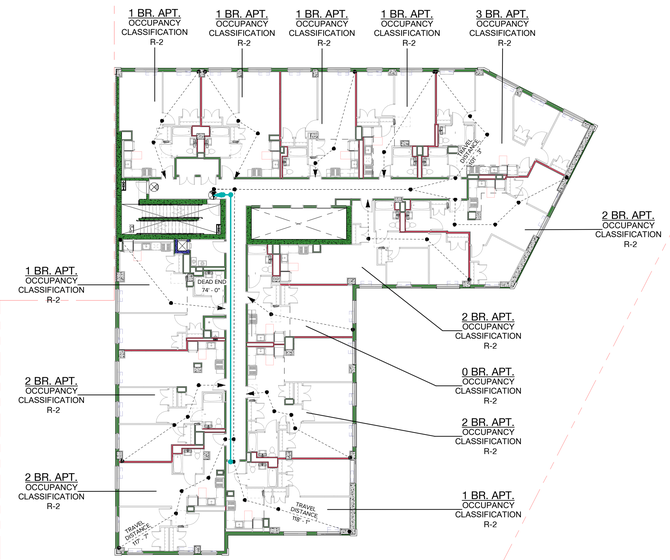
EXCEPTION:

IN OTHER THAN GROUP H, I-2 AND I-3 OCCUPANCIES, EXIT ACCESS STAIRWAYS OR RAMPS THAT COMPLY WITH ONE OF THE FOLLOWING CONDITIONS NEED NOT BE ENCLOSED:

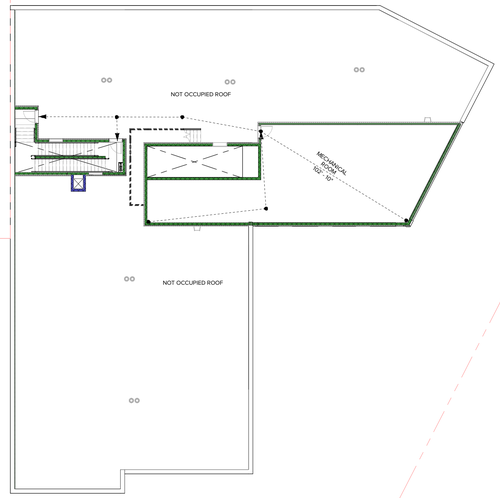
2. IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1. EXIT ACCESS STAIRWAYS AND RAMPS THAT SERVE BETWEEN ONLY THE FIRST AND SECOND STORIES ABOVE GRADE, PROVIDED THE FIRST AND SECOND STORIES HAVE ACCESS TO THE MINIMUM NUMBER OF APPROVED INDEPENDENT EXITS AS REQUIRED BY SECTION 1006, AND IN NO CASE BE LESS THAN TWO MEANS OF EGRESS. SUCH INTERCONNECTED STORIES SHALL NOT BE OPEN TO OTHER STORIES. UNENCLOSED EXIT ACCESS STAIRWAYS AND RAMPS SHALL BE REMOTELY LOCATED IN ACCORDANCE WITH SECTION 1007.




1 A-007 10th - 15th Floor Plans
1/16" = 1'-0"




2 A-007 16th Floor to 26th
1/16" = 1'-0"




3 A-007 Roof
1/16" = 1'-0"

### SYMBOL LEGEND

| SYMBOL | DESCRIPTION |
|---|---|
| | 3 HR RATED WALL |
| | 2 HR RATED WALL |
| | 1 HR RATED WALL |
| | CEILING MOUNTED EXIT SIGN |
| | WALL MOUNTED EXIT SIGN |
| SIGN | SIGN AT ELEVATOR LANDING |
| 1 | 3'-0" WIDE DOOR (1 LEAF) EXIT CAPACITY = 34" / 0.2 = 170 |
| 2 | 3'-0" WIDE DOOR (2 LEAFS) EXIT CAPACITY = 68" / 0.2 = 340 |
| S | SMOKE DETECTOR |
| H | HEAT DETECTOR |
| SCM | SMOKE / CARBON MONOXIDE DETECTOR |

### MINIMUM WIDTH OF EGRESS

| | NYC BUILDING CODE SECTION | MIN REQUIRED (in.) | PROVIDED (in) |
|---|---|---|---|
| STAIRWAYS | 1011.2 | 44" | 44" |
| CORRIDORS | 1020.2 | 44" | 48" - 60" |

### MAXIMUM TRAVEL DISTANCE (W/ SPRINKLERS) TABLE 1017.2 (*)

| OCCUPANCY GROUP | | MAXIMUM PERMITTED (FT.) | PROVIDED (FT.) |
|---|---|---|---|
| RESIDENTIAL | R-2 | 200'-0" | 118'-1" FROM UNIT #01 @ 3RD-19TH FLOORS |

* DEAD END IN R-2 OCCUPANCY SHALL NOT EXCEED 80' ALL FLOORS COMPLY - BC 1020.4 EXCEPTION 4

Area Schedule (Egress)

| Name | Occupancy Class | Area | Net Floor Area Per Occupant (SQ. FT) | Max # of Occ |
|---|---|---|---|---|
| Cellar | | | | |
| ARCS | R-2 | 39 SF | 300 SF | 0 |
| ATS ROOM | R-2 | 39 SF | 300 SF | 0 |
| BICYCLE ROOM | R-2 | 1920 SF | 300 SF | 6 |
| ELECTRICAL RM | R-2 | 574 SF | 300 SF | 2 |
| ELECTRICAL RM. | R-2 | 39 SF | 300 SF | 0 |
| ELECTRICAL ROOM | R-2 | 131 SF | 300 SF | 0 |
| FIRE PUMP RM | R-2 | 169 SF | 300 SF | 1 |
| STAFF ROOM | R-2 | 401 SF | 300 SF | 1 |
| SUPER OFFICE | R-2 | 118 SF | 300 SF | 0 |
| SUPPLY. | R-2 | 213 SF | 300 SF | 1 |
| WORKSHOP | R-2 | 309 SF | 300 SF | 1 |
| 1ST FLOOR | | | | |
| COMPACTOR ROOM | R-2 | 733 SF | 300 SF | 2 |
| FITNESS ROOM | R-2 | 501 SF | 50 SF | 10 |
| LOUNGE | R-2 | 982 SF | 200 SF | 5 |
| MAILBOX ROOM | R-2 | 414 SF | 200 SF | 2 |
| MANAGEMENT OFFICE | R-2 | 1601 SF | 200 SF | 8 |
| PACKAGE ROOM | R-2 | 144 SF | 300 SF | 0 |
| 2nd Floor | | | | |
| RESIDENTIAL | R-2 | 9209 SF | 200 SF | 46 |
| 3rd Floor - 9th floor plans | | | | |
| RESIDENTIAL | R-2 | 9066 SF | 200 SF | 45 |
| 10th - 15th Floor Plans | | | | |
| RESIDENTIAL | R-2 | 9055 SF | 200 SF | 45 |
| 16th Floor to 26th | | | | |
| RESIDENTIAL | R-2 | 9081 SF | 200 SF | 45 |

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
**AUFGANG.**
74 Lafayette Avenue
Suite 301
Suffern, NY 10901
845.368.0004
info@aufgang.com

Owner/Developer
**BRONX PARK GTAH II LLC:**
280 East 161st St.
Bronx, NY 10451

Structural Engineer
**DESIMONE ENGINEERING:**
140 Broadway
25th Floor
New York, NY 10005
212.532.2211

MEP Engineer
**EP ENGINEERING ASSOCIATES:**
110 William St.
32nd Floor
New York, NY 10038
646.779.0758

Civil Engineer
**PHILIP HABIB & ASSOCIATES:**
432 Park Ave. South
6th Floor
New York, NY 10016
212.929.5656


| DATE | SUBMISSIONS / REVISIONS |
|---|---|
| 10/17/2025 | ISSUED FOR 100% DD |
| 09/15/2025 | ISSUED TO DOB |
| 05/02/2025 | ISSUED FOR 50% DD |
| 11/08/2024 | ISSUED FOR 100% SD |

SHEET TITLE:

# EGRESS


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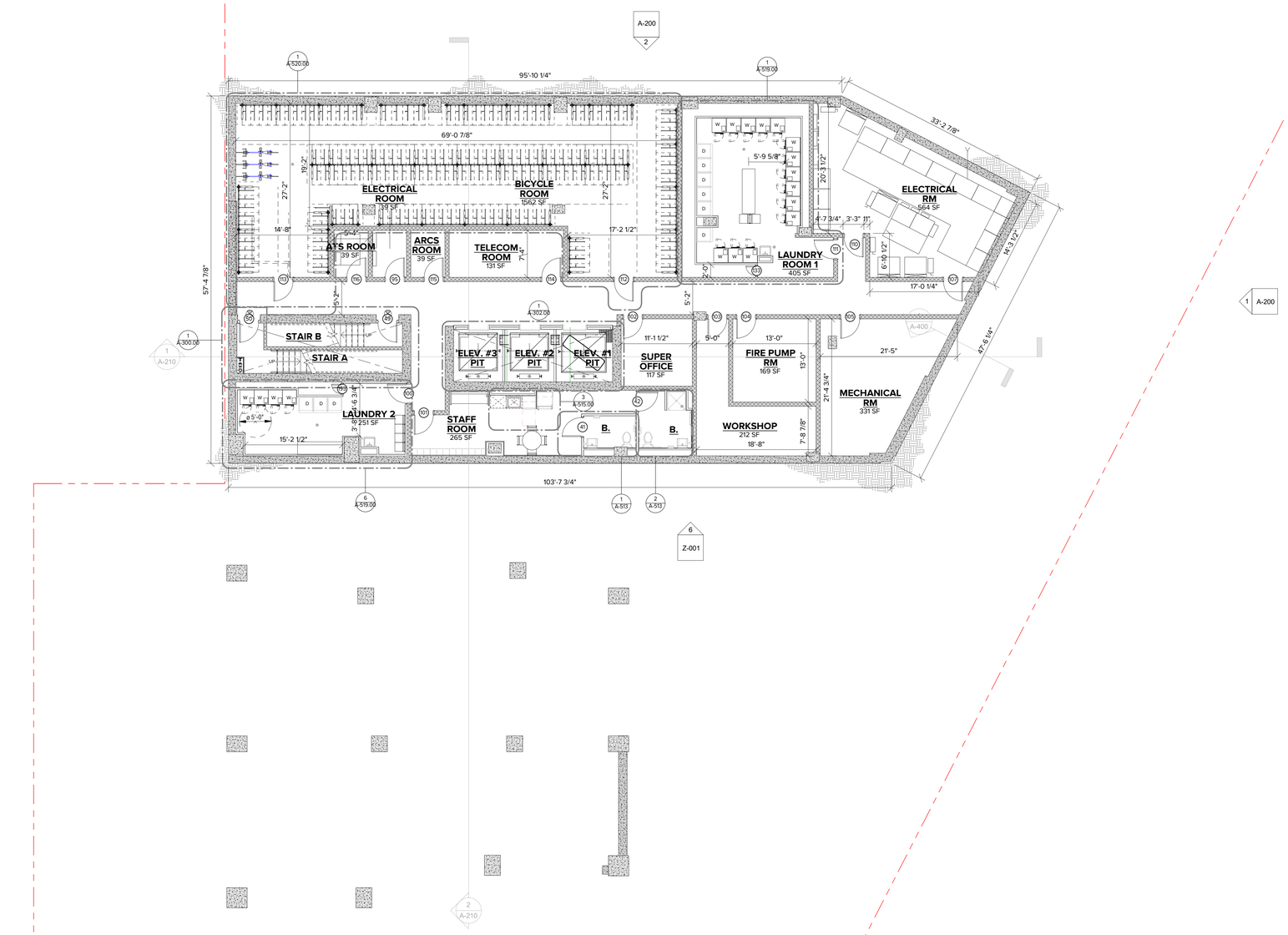
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SCALE: As indicated SHEET NO: OF

DRAWING NO: A-007.00

NYC DOB NUMBER: X00945951-I1




1 CELLAR PLAN
A-100 1/8" = 1'-0"

| WALL TYPE LEGEND | |
|---|---|
| **NOTE: G.C. SHALL SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW INDICATING SIZE, GAUGE AND SPACING OF ALL METAL STUDS AND REQUIRED METAL BOXED HEADERS.** | |
| (0) NON RATED | |
| 0-1 | FURRING @ INTERIOR CIP/CMU - (1) LAYER 5/8" TYPE "X" GYP. BD. ON ONE SIDE OF 7/8" METAL FURRING CHANNEL 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE) |
| 0-2 | FURRING @ INTERIOR CIP/CMU - (1) LAYER 5/8" TYPE "X" GYP. BD. OVER 1-1/2" GALV. METAL FURRING OR Z CHANNEL 1-1/2" RIGID INSULATION (R 7.5) AT EXTERIOR CONCRETE/CMU WALLS. W.P. GYP. BD. AT TOILET AND WET AREAS. |
| 0-3 | FURRING @ INTERIOR CIP/CMU - (1) LAYER 5/8" TYPE "X" WATER RESISTANT GYP. BD. ON ONE SIDE OF 2-1/2"" METAL STUDS 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE) |
| 0-4 | FURRING @ EXTERIOR CIP/CMU - (1) LAYER 5/8" TYPE "X" WATER RESISTANT GYP. BD. ON ONE SIDE OF 3-5/8" METAL STUDS @ 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE) 3-1/2" BATT INSULATION AT EXTERIOR WALLS (R15) |
| 0-5 | <varies> |
| 0-6 | PARTITION @ PANEL - (1) LAYER 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 3-5/8" METAL STUDS @ 16" O.C. - W.P. GYP. BD. AND 1-1/2" SOUND ATTENUATION AT BATHROOM AND TOILET ROOMS. |
| 0-7 | VERTICAL PIPE CHASE WALL - (1) LAYER 5/8" TYPE "X" W.P. GYP. BD. ON ONE SIDE OF 1-5/8"" METAL STUDS 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE)-1-1/2" INSULATION AT COLD/HOT PIPES. |
| 0-8 | <varies> |
| | |
| (1) 1 HR RATED | |
| 1-1 | 1 HR RATED TENANT PARTITION - (1) LAYER OF 5/8" TYPE "X" GYP. BD.ON (1) SIDE, (2) LAYERS OF 5/8" TYPE "X" GYP. BD. ON OTHER SIDE OF 3-5/8" METAL STUDS @ 16" O.C. W/ 3-1/2" SOUND ATTENUATION INSULATION. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF FLOOR/DECK & SEAL TIGHT TO UNDERSIDE OF FLOOR DECK AND/OR ROOF DECK W/ CONT. FIRESTOP SEALANT. (GA FILE #WP-1052)(STC 50-54) |
| 1-2 | 1 HR RATED CHASE WALL PARTITION - (1) LAYER OF 5/8" TYPE "X" WATER RESISTANT GYP. BD. ON ONE SIDE OF 2-1/2" METAL STUDS @ 16" O.C. @ EACH SIDE OF CHASE. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF SLAB/PLANK. SEAL TIGHT W/ CONT. FIRESTOP SEALANT. SEAL ALL PENETRATIONS WITH FIRESAFING INSULATION & CONT. FIRESTOP SEALANT AS REQ. PROVIDE HORIZONTAL 2-1/2" METAL STUD BRACING @ 48" O.C. MAX (UL-#V442)(STC 50 MIN) |
| 1-3 | 1 HR RATED EXTERIOR WALL - (1) LAYER 5/8" TYPE "X" GYP. BD. ON INTERIOR SIDE, (1) LAYER 5/8" EXTERIOR GRADE GYP SHEATHING ON EXTERIOR SIDE OF 6" GAL METAL STUDS @ 16" O.C. 5 1/2" (UNFACED) BATT INSULATION (R-21) BETWEEN STUDS OVERLAP INSULATION TABS AT STUDS - (UL #U25) |
| SF-1 | STOREFRONT - FIXED PANE |
| SF-2 | STOREFRONT - FIXED PANE |
| SF-4 | STOREFRONT - FIXED PANE |
| SF-6 | STOREFRONT - FIXED PANE |
| SF-7 | STOREFRONT - FIXED PANE |
| SF-8 | STOREFRONT - FIXED PANE |
| SF-11 | STOREFRONT - FIXED PANE |
| SF-12 | STOREFRONT - DOOR + FIXED PANE |
| SF-14 | STOREFRONT - FIXED PANE |
| SF-15 | STOREFRONT - FIXED PANE |
| | |
| (2) 2HR RATED | |
| 2-1 | 2HR RATED CMU WALL- CMU (CLASS D-2) CONT. GALVANIZED HORIZONTAL TRUSS TYPE REINFORCING @ ALTERNATIVE BLOCK COURSES. SEAL TOP OF CONCRETE BLOCK WALL TIGHT TO UNDERSIDE OF FLOOR/ROOF ABOVE CONT. FIRESTOP SEALANT AND FIRESAFING INSULATION WHERE GAP EXISTS BETWEEN TOP OF WALL AND BOTTOM OF PLANK (UL#U906) |
| 2-2 | 2 HR RATED PARTITION - (2) LAYER OF 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 3-5/8" METAL STUDS @ 16" O.C. W/ 3-1/2" SOUND ATTENUATION INSULATION. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF FLOOR/DECK & SEAL TIGHT TO UNDERSIDE OF FLOOR DECK AND/OR ROOF DECK W/ CONT. FIRESTOP SEALANT. (GA FILE #WP-1522)(STC 55-59) |
| 2-3 | 2 HR RATED PARTITION - (2) LAYER OF 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 3-5/8" METAL STUDS @ 16" O.C. W/ 3-1/2" SOUND ATTENUATION INSULATION. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF FLOOR/DECK & SEAL TIGHT TO UNDERSIDE OF FLOOR DECK AND/OR ROOF DECK W/ CONT. FIRESTOP SEALANT. (GA FILE #WP-1522)(STC 55-59) |
| 2-4 | 2 HR RATED CHASE WALL - (2) LAYERS OF 5/8" WATER RESISTANT GYP. BD. SHEATHING ON ONE SIDE OF 2-1/2" METAL STUDS @ 16" O.C. @ EACH SIDE OF CHASE. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF SLAB. SEAL TIGHT W/ CONT. FIRESTOP SEALANT. SEAL ALL PENETRATIONS WITH FIRESAFING INSULATION & CONT. FIRESTOP SEALANT AS REQ. PROVIDE HORIZONTAL 2-1/2" METAL STUD BRACING @ 48" O.C. MAX (UL-#V442)(STC 50 MIN) |
| 2-5 | 2 HR SHAFT WALL (4") - (2) LAYERS OF 5/8" TYPE "X" GYP BD ON ONE SIDE OF 2-1/2" METAL C-H STUDS @ 16" O.C. W/ (1) LAYER OF 1" TYPE "X" GYP LINER PANEL ON SHFT SIDE W/ 1" MINERAL FIBER INSULATION IN CAVITY. - SEAL TOP OF WALL TO CONC/PLANK (FIRE TEST UL U514 / STC 45-49) |
| 2-6 | 2 HR SHAFT WALL (5") - (2) LAYERS OF 5/8" TYPE "X" GYP BD ON ONE SIDE OF 4" METAL C-H STUDS @ 16" O.C. W/ (1) LAYER OF 1" TYPE "X" GYP LINER PANEL ON SHFT SIDE W/ 1" MINERAL FIBER INSULATION IN CAVITY. - SEAL TOP OF WALL TO CONC/PLANK (FIRE TEST UL U514 / STC 45-49) |
| 2-7 | 2 HR SHAFT WALL - MASONARY EQUIVALENT - (1) LAYER OF 5/8" FIBER REINFORCED CEMENT BD. (ASTM C 1629-0 IMPACT CLASSIFICATION LEVEL 2) OVER 5/8" TYPE "X" GYP. BD. (STAGGERED JOINTS) OVER THE EXTERIOR SIDE OF 4" C-H 3 MILL (20GA) METAL STUDS 16" O.C. W/ 1" LINER BD. (ASTM C 1629-0 LEVEL 3) INSERTED IN H PORTION OF STUDS. TYPE "AR" FIRE CODE PANELS - WP AT WET AREA. SECURE PANELS WITH NO 8 SELF DRILLING BUGLE HEAD SCREWS 12" O.C.. SECURE TOP AND BOTTOM RUNNERS TO STRUCTURE. ASSEMBLY TEST ASTM 1629-0 LEVEL 2, FIRE TEST UL U415 SYSTEM E OR F / STC 45-49 W/1" MINERAL FIBER INSULATION IN CAVITY |
| | |
| (3) 3HR RATED | |
| 3-1 | 2HR RATED CMU WALL CMU (CLASS C-3) CONT. GALVANIZED HORIZONTAL TRUSS TYPE REINFORCING @ ALTERNATIVE BLOCK COURSES. SEAL TOP OF CONCRETE BLOCK WALL TIGHT TO UNDERSIDE OF FLOOR/ROOF ABOVE CONT. FIRESTOP SEALANT AND FIRESAFING INSULATION WHERE GAP EXISTS BETWEEN TOP OF WALL AND BOTTOM OF SLAB (ULR#907) |
| 3-2 | 3 HR RATED CMU WALL PARTITION (1) LAYER OF 1/2" TYPE "X" GYPSUM BOARD OVER 7/8" METAL HAT CHANNELS @ 24" O.C. OVER 2 HR RATED CMU (CLASS D-2)/ CIP. SEAL TOP OF WALL TIGHT TO UNDERSIDE OF SLAB ABOVE W/ CONT. FIRESTOP SEALANT AND FIRESAFING INSULATION WHERE A GAP EXISTS BETWEEN TOP OF WALL AND BOTTOM OF SLAB (ULR#914) (PROVIDE STC RATING OF 50-54 @ COMPACTOR CHUTE ENCLOSURE ADJACENT TO DWELLING UNITS.) |
| 3-3 | 3HR RATED PARTITION WALL (3) LAYER OF 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 2-1/2" METAL STUDS @ 16" O.C. W/ 1/2" SOUND ATTENUATION INSULATION. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF FLOOR/DECK & SEAL TIGHT TO UNDERSIDE OF FLOOR DECK AND/OR ROOF DECK W/ CONT. FIRESTOP SEALANT. |

LEGEND:

- CONCRETE WALL & COLUMN - SEE STRUCTURAL DWG'S.
- CONCRETE BLOCK WALL (CMU) - SEE PLANS FOR SIZE
- MASONRY VENEER W/ RIGID INSULATION
- EIFS FINISH
- METAL PANEL FINISH
- GYPSUM BOARD PARTITION (GYP BD.) - SEE PLAN FOR SIZE
- FIRE RATED SHAFT WALL
- DOOR & FRAME - SEE DOOR SCHEDULE
- PARTITION - SEE WALL TYPE LEGEND
- WINDOW - SEE WINDOW SCHEDULE
- EXIT LIGHT & SIGN
- SMOKE / CARBON MONOXIDE DETECTOR
- SMOKE DETECTOR
- APARTMENT DESIGNATION #(FLOOR) XX (APARTMENT NUMBER)
- MIH- INCLUSIONARY/SUPPORTIVE UNIT
- MI- MOBILITY UNIT
- HVI - HEARING/ VISUAL UNIT
- APARTMENT TYPE (TYPE-B1, 1BR, 525 SF)
- ELEVATOR FIREMEN ACCESS
- COLUMN IDENTIFICATION SYMBOL
- CMU SIZE
- FIRE RATING
- "T" FLOOR TURNING SPACE
- 5'-0" DIAMETER CLEAR FLOOR TURNING SPACE
- 30" X 48" CLEAR FLOOR SPACE
- REMOVABLE KITCHEN BASE CABINET. 2'-6" WIDE X 2'-0" DEEP
- REFLECTED CEILING
- ELECTRIC HOUSE PANEL - SEE ELEC. DWGS.

GENERAL NOTES:
1. ALL PLAN DIMENSIONS ARE TAKEN FINISH TO FINISH (U.O.N.)
2. FOR KITCHEN AND TOILET ELEVATIONS SEE DWG'S A-510, A-511, A-512, A-513, A-514, A-515, A-516, A-517 & A-518
3. G.C. SHALL COORDINATE SIZE & LOCATION OF ALL HVAC OPENINGS IN PLANK/ SLAB/ DECKING WITH MECHANICAL DWGS.
4. G.C. SHALL COORDINATE SIZE AND LOCATION OF ALL MASONRY OPENINGS AT ELEVATOR ENTRANCES WITH ELEVATOR VENDOR.
5. BOTTOM OF DROPPED ARCH SHALL BE 6'-6" MIN A.F.F.
6. FOR ELECTRICAL OUTLETS, REFER TO LATEST ELEC. CODE FOR ALL REQUIREMENTS INCLUDING HEIGHT, SPACING, ETC.
7. ALL STUDIOS AND/OR KITCHENETTES SHALL BE EQUIPPED WITH MECHANICAL VENTILATION. REFER TO ENLARGED UNIT PLANS AND MECHANICAL DWG'S FOR LOCATION
8. ALL BATHROOMS SHALL BE EQUIPPED WITH MECHANICAL VENTILATION. SEE TO MECHANICAL DWG'S
9. VISUAL SIGNALING DEVICE/ STROBE LIGHT SHALL BE PLACED IN ALL H.V.I UNITS. SEE ELEC. DWG'S FOR LOCATIONS
10. BUILDING SHALL BE EQUIPPED WITH AUTOMATIC SPRINKLER SYSTEM. SEE SPRINKLER DWG'S, A-500 THRU A-508 AND A-700 THRU A-701 FOR LOCATION
11. ALL EGRESS ENCLOSURES SHALL BE IMPACT RESISTANT
12. ALL COUNTERTOPS SHALL PROVIDE KNEE AND TOE CLEARANCE AS PER A117.1-2009 SEC. 606.2(606)
13. REFER TO A-200 THRU A-201 AND A-602 FOR WINDOW TYPES
14. ALL COUNTERTOPS: A PORTION OF THE COUNTER SURFACE 36" INCHES IN LENGTH AND 36" MAXIMUM IN HEIGHT ABOVE THE FINISHED FLOOR SHALL COMPLY WITH A117.1 - 2009 SEC 904.3.1

* ALL SPACES TO BE FILED UNDER SEPARATE APPLICATION

PLUMBING FIXTURE CALCULATION TABLE 403.1

| SPACE | OCCUPANCY | TOILET | LAVATORIES | DRINKING FOUNTAIN | SERVICE SINK |
|---|---|---|---|---|---|
| COMM SPACE #1 | 46 | 2 | 2 | 1 | 1 |
| COMM SPACE #2 | 85 | 2 | 2 | 1 | 1 |

* ALL PLUMBING CALCULATIONS TO BE REVIEWED AND LOCATIONS DETERMINED DURING TENANT FIT-OUT

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
**AUFGANG.**
74 Lafayette Avenue
Suite 301
Suffern, NY 10901
845.368.0004
info@aufgang.com

Owner/Developer
**BRONX PARK GTAH II LLC:**
280 East 161st St.
Bronx, NY 10451

Structural Engineer
**DESIMONE ENGINEERING:**
140 Broadway
25th Floor
New York, NY 10005
212.532.2211

MEP Engineer
**EP ENGINEERING ASSOCIATES:**
110 William St.
32nd Floor
New York, NY 10038
646.779.0758

Civil Engineer
**PHILIP HABIB & ASSOCIATES:**
432 Park Ave. South
6th Floor
New York, NY 10016
212.929.5656


| DATE | SUBMISSIONS / REVISIONS |
|---|---|
| 10/17/2025 | ISSUED FOR 100% DD |
| 09/15/2025 | ISSUED TO DOB |
| 05/02/2025 | ISSUED FOR 50% DD |
| 11/08/2024 | ISSUED FOR 100% SD |

SHEET TITLE:

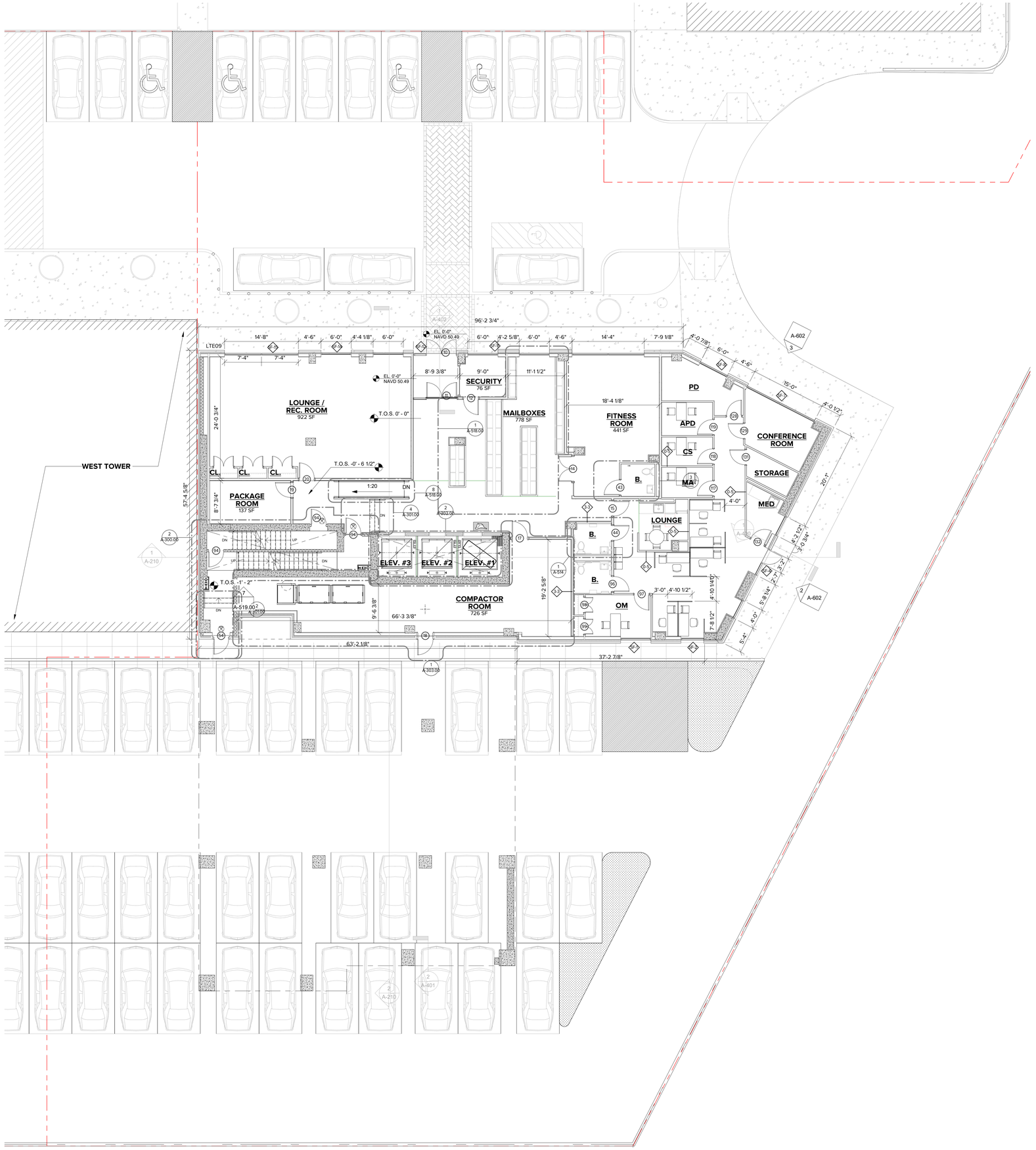
## CELLAR PLAN


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NYC DOB NUMBER: X00945951-I1




1 A-101 1ST FLOOR PLAN
1/8" = 1'-0"

| WALL TYPE LEGEND | |
|---|---|
| **NOTE: G.C. SHALL SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW INDICATING SIZE, GAUGE AND SPACING OF ALL METAL STUDS AND REQUIRED METAL BOXED HEADERS.** | |
| (0) NON RATED | |
| 0-1 | FURRING @ INTERIOR CIP/CMU - (1) LAYER 5/8" TYPE "X" GYP. BD. ON ONE SIDE OF 7/8" METAL FURRING CHANNEL 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE) |
| 0-2 | FURRING @ INTERIOR CIP/CMU - (1) LAYER 5/8" TYPE "X" GYP. BD. OVER 1-1/2" GALV. METAL FURRING OR Z CHANNEL. 1-1/2" RIGID INSULATION @ 7.5) AT EXTERIOR CONCRETE/CMU WALLS. W.P. GYP. BD. AT TOILET AND WET AREAS. |
| 0-3 | FURRING @ INTERIOR CIP/CMU - (1) LAYER 5/8" TYPE "X" WATER RESISTANT GYP. BD. ON ONE SIDE OF 2-1/2"" METAL STUDS 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE) |
| 0-4 | FURRING @ EXTERIOR CIP/CMU - (1) LAYER 5/8" TYPE "X" WATER RESISTANT GYP. BD. ON ONE SIDE OF 3-5/8" METAL STUDS @ 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE) 3-1/2" BATT INSULATION AT EXTERIOR WALLS (R15) |
| 0-5 | <varies> |
| 0-6 | PARTITION @ PANEL - (1) LAYER 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 3-5/8" METAL STUDS @ 16" O.C. - W.P. GYP. BD. AND 1-1/2" SOUND ATTENUATION AT BATHROOM AND TOILET ROOMS. |
| 0-7 | VERTICAL PIPE CHASE WALL - (1) LAYER 5/8" TYPE "X" W.P. GYP. BD. ON ONE SIDE OF 1-5/8"" METAL STUDS 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE)-1-1/2" INSULATION AT COLD/HOT PIPES. |
| 0-8 | <varies> |
| (1) 1 HR RATED | |
| 1-1 | 1 HR RATED TENANT PARTITION - (1) LAYER OF 5/8" TYPE "X" GYP. BD.ON (1) SIDE, (2) LAYERS OF 5/8" TYPE "X" GYP. BD. ON OTHER SIDE OF 3-5/8" METAL STUDS @ 16" O.C. W/ 3-1/2" SOUND ATTENUATION INSULATION. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF FLOORDECK & SEAL TIGHT TO UNDERSIDE OF FLOOR DECK AND/OR ROOF DECK W/ CONT. FIRESTOP SEALANT. (GA FILE #WP-1052)(STC 50-54) |
| 1-2 | 1 HR RATED CHASE WALL PARTITION - (1) LAYER OF 5/8" TYPE "X" WATER RESISTANT GYP. BD. ON ONE SIDE OF 2-1/2" METAL STUDS @ 16" O.C. @ EACH SIDE OF CHASE. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF SLAB/PLANK. SEAL TIGHT W/ CONT. FIRESTOP SEALANT. SEAL ALL PENETRATIONS WITH FIRESAFING INSULATION & CONT. FIRESTOP SEALANT AS REQ. PROVIDE HORIZONTAL 2-1/2" METAL STUD BRACING @ 48" O.C. MAX (UL-#V442)(STC 50 MIN) |
| 1-3 | 1 HR RATED EXTERIOR WALL - (1) LAYER 5/8" TYPE "X" GYP. BD. ON INTERIOR SIDE, (1) LAYER 5/8" EXTERIOR GRADE GYP SHEATHING ON EXTERIOR SIDE OF 6" GAL METAL STUDS @ 16" O.C. 5 1/2" (UNFACED) BATT INSULATION (R-21) BETWEEN STUDS OVERLAP INSULATION TABS AT STUDS - (UL #U25) |
| SF-1 | STOREFRONT - FIXED PANE |
| SF-2 | STOREFRONT - FIXED PANE |
| SF-4 | STOREFRONT - FIXED PANE |
| SF-6 | STOREFRONT - FIXED PANE |
| SF-7 | STOREFRONT - FIXED PANE |
| SF-8 | STOREFRONT - FIXED PANE |
| SF-11 | STOREFRONT - FIXED PANE |
| SF-12 | STOREFRONT - DOOR + FIXED PANE |
| SF-14 | STOREFRONT - FIXED PANE |
| SF-15 | STOREFRONT - FIXED PANE |
| (2) 2HR RATED | |
| 2-1 | 2HR RATED CMU WALL- CMU (CLASS D-2) CONT. GALVANIZED HORIZONTAL TRUSS TYPE REINFORCING @ ALTERNATIVE BLOCK COURSES. SEAL TOP OF CONCRETE BLOCK WALL TIGHT TO UNDERSIDE OF FLOOR/ROOF ABOVE CONT. FIRESTOP SEALANT AND FIRESAFING INSULATION WHERE GAP EXISTS BETWEEN TOP OF WALL AND BOTTOM OF PLANK (UL#U906) |
| 2-2 | 2 HR RATED PARTITION - (2) LAYER OF 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 3-5/8" METAL STUDS @ 16" O.C. W/ 3-1/2" SOUND ATTENUATION INSULATION. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF FLOORDECK & SEAL TIGHT TO UNDERSIDE OF FLOOR DECK AND/OR ROOF DECK W/ CONT. FIRESTOP SEALANT. (GA FILE #WP-1522)(STC 55-59) |
| 2-3 | 2 HR RATED PARTITION - (2) LAYER OF 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 3-5/8" METAL STUDS @ 16" O.C. W/ 3-1/2" SOUND ATTENUATION INSULATION. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF FLOOR/DECK & SEAL TIGHT TO UNDERSIDE OF FLOOR DECK AND/OR ROOF DECK W/ CONT. FIRESTOP SEALANT. (GA FILE #WP-1522)(STC 55-59) |
| 2-4 | 2 HR RATED CHASE WALL - (2) LAYERS OF 5/8" WATER RESISTANT GYP. BD. SHEATHING ON ONE SIDE OF 2-1/2" METAL STUDS @ 16" O.C. @ EACH SIDE OF CHASE. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF SLAB. SEAL TIGHT W/ CONT. FIRESTOP SEALANT. SEAL ALL PENETRATIONS WITH FIRESAFING INSULATION & CONT. FIRESTOP SEALANT AS REQ. PROVIDE HORIZONTAL 2-1/2" METAL STUD BRACING @ 48" O.C. MAX (UL-#V442)(STC 50 MIN) |
| 2-5 | 2 HR SHAFT WALL (4") - (2) LAYERS OF 5/8" TYPE "X" GYP BD ON ONE SIDE OF 2-1/2" METAL C-H STUDS @ 16" O.C. W/ (1) LAYER OF 1" TYPE "X" GYP LINER PANEL ON SHFT SIDE W/ 1" MINERAL FIBER INSULATION IN CAVITY. - SEAL TOP OF WALL TO CONC/PLANK (FIRE TEST UL U514 / STC 45-49) |
| 2-6 | 2 HR SHAFT WALL (5") - (2) LAYERS OF 5/8" TYPE "X" GYP BD ON ONE SIDE OF 4" METAL C-H STUDS @ 16" O.C. W/ (1) LAYER OF 1" TYPE "X" GYP LINER PANEL ON SHFT SIDE W/ 1" MINERAL FIBER INSULATION IN CAVITY. - SEAL TOP OF WALL TO CONC/PLANK (FIRE TEST UL U514 / STC 45-49) |
| 2-7 | 2 HR SHAFT WALL - MASONARY EQUIVALENT - (1) LAYER OF 5/8" FIBER REINFORCED CEMENT BD. (ASTM C 1629-0 IMPACT CLASSIFICATION LEVEL 2) OVER 5/8" TYPE "X" GYP. BD. (STAGGERED JOINTS) OVER THE EXTERIOR SIDE OF 4" C-H 3 MILL (20GA) METAL STUDS 16" O.C. W/ 1" LINER BD. (ASTM C 1629-0 LEVEL 3) INSERTED IN H-PORTION OF STUDS. TYPE "AR" FIRE CODE PANELS - WP AT WET AREA. SECURE PANELS WITH NO 8 SELF DRILLING BUGLE HEAD SCREWS 12" O.C.. SECURE TOP AND BOTTOM RUNNERS TO STRUCTURE. ASSEMBLY TEST ASTM 1629-0 LEVEL 2. FIRE TEST UL U415 SYSTEM E OR F / STC 45-49 W/1" MINERAL FIBER INSULATION IN CAVITY |
| (3) 3HR RATED | |
| 3-1 | 2HR RATED CMU WALL CMU (CLASS C-3) CONT. GALVANIZED HORIZONTAL TRUSS TYPE REINFORCING @ ALTERNATIVE BLOCK COURSES. SEAL TOP OF CONCRETE BLOCK WALL TIGHT TO UNDERSIDE OF FLOOR/ROOF ABOVE CONT. FIRESTOP SEALANT AND FIRESAFING INSULATION WHERE GAP EXISTS BETWEEN TOP OF WALL AND BOTTOM OF SLAB (ULRu907) |
| 3-2 | 3 HR RATED CMU WALL PARTITION (1) LAYER OF 1/2" TYPE "X" GYPSUM BOARD OVER 7/8" METAL HAT CHANNELS @ 24" O.C. OVER 2 HR RATED CMU (CLASS D-2)/ CIP. SEAL TOP OF WALL TIGHT TO UNDERSIDE OF SLAB ABOVE W/ CONT. FIRESTOP SEALANT AND FIRESAFING INSULATION WHERE A GAP EXISTS BETWEEN TOP OF WALL AND BOTTOM OF SLAB (ULRu1914) (PROVIDE STC RATING OF 50-54 @ COMPACTOR CHUTE ENCLOSURE ADJACENT TO DWELLING UNITS.) |
| 3-3 | 3HR RATED PARTITION WALL (3) LAYER OF 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 2-1/2" METAL STUDS @ 16" O.C. W/ 1-1/2" SOUND ATTENUATION INSULATION. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF FLOOR/DECK & SEAL TIGHT TO UNDERSIDE OF FLOOR DECK AND/OR ROOF DECK W/ CONT. FIRESTOP SEALANT. |

LEGEND:

- CONCRETE WALL & COLUMN - SEE STRUCTURAL DWG'S.
- CONCRETE BLOCK WALL (CMU) - SEE PLANS FOR SIZE
- MASONRY VENEER W/ RIGID INSULATION
- EIFS FINISH
- METAL PANEL FINISH
- GYPSUM BOARD PARTITION (GYP BD.) - SEE PLAN FOR SIZE
- FIRE RATED SHAFT WALL
- DOOR & FRAME - SEE DOOR SCHEDULE
- PARTITION - SEE WALL TYPE LEGEND
- WINDOW - SEE WINDOW SCHEDULE
- EXIT LIGHT & SIGN
- SMOKE / CARBON MONOXIDE DETECTOR
- SMOKE DETECTOR
- APARTMENT DESIGNATION #(FLOOR) XX (APARTMENT NUMBER)
- TYPE-B1 / 1BR / 525 SF — APARTMENT TYPE
- MIH- INCLUSIONARY/SUPPORTIVE UNIT
- MI- MOBILITY UNIT
- HVI - HEARING/ VISUAL UNIT
- ELEVATOR FIREMEN ACCESS
- COLUMN IDENTIFICATION SYMBOL
- CMU SIZE
- FIRE RATING
- "T" FLOOR TURNING SPACE
- 5'-0" DIAMETER CLEAR FLOOR TURNING SPACE
- 30" X 48" CLEAR FLOOR SPACE
- REMOVABLE KITCHEN BASE CABINET. 2'-6" WIDE X 2'-0" DEEP
- REFLECTED CEILING
- ELECTRIC HOUSE PANEL - SEE ELEC. DWGS.

GENERAL NOTES:

1. ALL PLAN DIMENSIONS ARE TAKEN FINISH TO FINISH (U.O.N.)
2. FOR KITCHEN AND TOILET ELEVATIONS SEE DWG'S A-510, A-511, A-512, A-513, A-514, A-515, A-516, A-517 & A-518
3. G.C. SHALL COORDINATE SIZE & LOCATION OF ALL HVAC OPENINGS IN PLANK/ SLAB/ DECKING WITH MECHANICAL DWGS.
4. G.C. SHALL COORDINATE SIZE AND LOCATION OF ALL MASONRY OPENINGS AT ELEVATOR ENTRANCES WITH ELEVATOR VENDOR.
5. BOTTOM OF DROPPED ARCH SHALL BE 6'-6" MIN A.F.F.
6. FOR ELECTRICAL OUTLETS, REFER TO LATEST ELEC. CODE FOR ALL REQUIREMENTS INCLUDING HEIGHT, SPACING, ETC.
7. ALL STUDIOS AND/OR KITCHENETTES SHALL BE EQUIPPED WITH MECHANICAL VENTILATION. REFER TO ENLARGED UNIT PLANS AND MECHANICAL DWG'S FOR LOCATION
8. ALL BATHROOMS SHALL BE EQUIPPED WITH MECHANICAL VENTILATION. SEE TO MECHANICAL DWG'S
9. VISUAL SIGNALING DEVICE/ STROBE LIGHT SHALL BE PLACED IN ALL H.V.I UNITS. SEE ELEC. DWG'S FOR LOCATIONS
10. BUILDING SHALL BE EQUIPPED WITH AUTOMATIC SPRINKLER SYSTEM. SEE SPRINKLER DWG'S, A-500 THRU A-508, AND A-700 THRU A-701 FOR LOCATION
11. ALL EGRESS ENCLOSURES SHALL BE IMPACT RESISTANT
12. ALL COUNTERTOPS SHALL PROVIDE KNEE AND TOE CLEARANCE AS PER A117.1-2009 SEC. 606.2(306)
13. REFER TO A-200 THRU A-201 AND A-602 FOR WINDOW TYPES
14. ALL COUNTERTOPS: A PORTION OF THE COUNTER SURFACE 36" INCHES IN LENGTH AND 36" MAXIMUM IN HEIGHT ABOVE THE FINISHED FLOOR SHALL COMPLY WITH A117-1 - 2009 SEC 904.3.1

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
**AUFGANG.**
74 Lafayette Avenue
Suite 301
Suffern, NY 10901
845.368.0004
info@aufgang.com

Owner/Developer
**BRONX PARK GTAH II LLC:**
280 East 161st St.
Bronx, NY 10451

Structural Engineer
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**EP ENGINEERING ASSOCIATES:**
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New York, NY 10038
646.779.0758

Civil Engineer
**PHILIP HABIB & ASSOCIATES:**
432 Park Ave. South
6th Floor
New York, NY 10016
212.929.5656


| DATE | SUBMISSIONS / REVISIONS |
|---|---|
| 10/17/2025 | ISSUED FOR 100% DD |
| 09/15/2025 | ISSUED TO DOB |
| 05/02/2025 | ISSUED FOR 50% DD |
| 11/08/2024 | ISSUED FOR 100% SD |

SHEET TITLE:

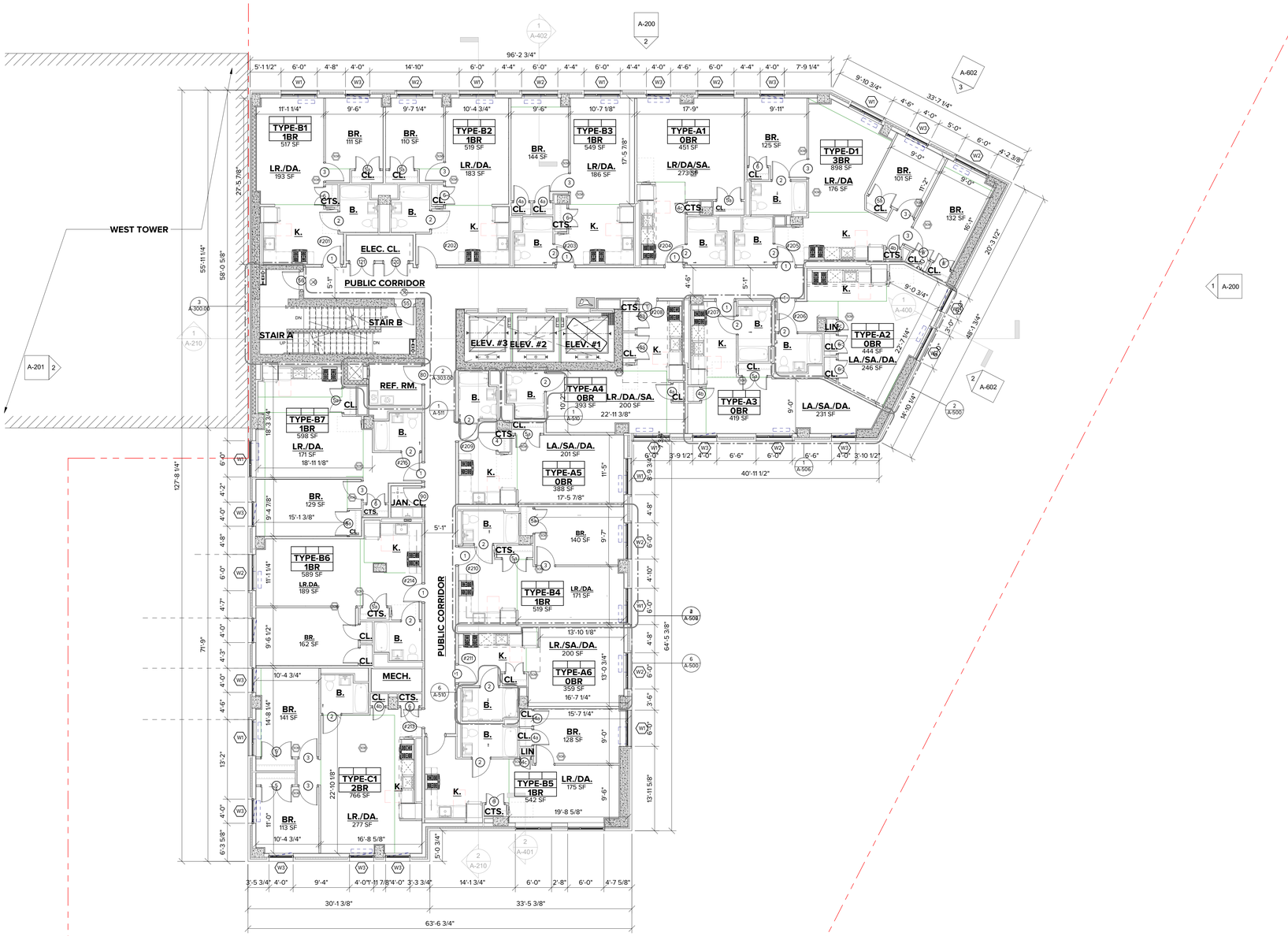
## 1ST FLOOR PLAN


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SEAL & SIGNATURE

ISSUE DATE: 07/27/22
PROJECT NO: Project Number
DRAWN BY: Author
CHECKED BY: Checker
SCALE: 1/8" = 1'-0"
SHEET NO: OF
DRAWING NO: A-101.00

NYC DOB NUMBER: X00945951-I1




1 TYPICAL 2ND FLOOR PLAN
A-102 1/8" = 1'-0"

| WALL TYPE LEGEND | |
|---|---|
| **NOTE: G.C. SHALL SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW INDICATING SIZE, GAUGE AND SPACING OF ALL METAL STUDS AND REQUIRED METAL BOXED HEADERS.** | |
| (0) NON RATED | |
| 0-1 | FURRING @ INTERIOR CIP/CMU - (1) LAYER 5/8" TYPE "X" GYP. BD. ON ONE SIDE OF 7/8" METAL FURRING CHANNEL 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE) |
| 0-2 | FURRING @ INTERIOR CIP/CMU - (1) LAYER 5/8" TYPE "X" GYP. BD. OVER 1-1/2" GALV. METAL FURRING OR Z CHANNEL 1-1/2" RIGID INSULATION (R 7.5) AT EXTERIOR CONCRETE/CMU WALLS. W.P. GYP. BD. AT TOILET AND WET AREAS. |
| 0-3 | FURRING @ INTERIOR CIP/CMU - (1) LAYER 5/8" TYPE "X" WATER RESISTANT GYP. BD. ON ONE SIDE OF 2-1/2"" METAL STUDS 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE) |
| 0-4 | FURRING @ EXTERIOR CIP/CMU - (1) LAYER 5/8" TYPE "X" WATER RESISTANT GYP. BD. ON ONE SIDE OF 3-5/8" METAL STUDS @ 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE) 3-1/2" BATT INSULATION AT EXTERIOR WALLS (R15) |
| 0-5 | <varies> |
| 0-6 | PARTITION @ PANEL - (1) LAYER 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 3-5/8" METAL STUDS @ 16" O.C. - W.P. GYP. BD. AND 1-1/2" SOUND ATTENUATION AT BATHROOM AND TOILET ROOMS. |
| 0-7 | VERTICAL PIPE CHASE WALL - (1) LAYER 5/8" TYPE "X" W.P. GYP. BD. ON ONE SIDE OF 1-5/8"" METAL STUDS 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE)-1-1/2" INSULATION AT COLD/HOT PIPES. |
| 0-8 | <varies> |
| | |
| (1) 1 HR RATED | |
| 1-1 | 1 HR RATED TENANT PARTITION - (1) LAYER OF 5/8" TYPE "X" GYP. BD.ON (1) SIDE, (2) LAYERS OF 5/8" TYPE "X" GYP. BD. ON OTHER SIDE OF 3-5/8" METAL STUDS @ 16" O.C. W/ 3-1/2" SOUND ATTENUATION INSULATION. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF FLOOR/DECK & SEAL TIGHT TO UNDERSIDE OF FLOOR DECK AND/OR ROOF DECK W/ CONT. FIRESTOP SEALANT. (GA FILE #WP-1052)(STC 50-54) |
| 1-2 | 1 HR RATED CHASE WALL PARTITION - (1) LAYER OF 5/8" TYPE "X" WATER RESISTANT GYP. BD. ON ONE SIDE OF 2-1/2" METAL STUDS @ 16" O.C. @ EACH SIDE OF CHASE. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF SLAB/PLANK, SEAL TIGHT W/ CONT. FIRESTOP SEALANT. SEAL ALL PENETRATIONS WITH FIRESAFING INSULATION & CONT. FIRESTOP SEALANT AS REQ. PROVIDE HORIZONTAL 2-1/2" METAL STUD BRACING @ 48" O.C. MAX (UL-#V442)(STC 50 MIN) |
| 1-3 | 1 HR RATED EXTERIOR WALL - (1) LAYER 5/8" TYPE "X" GYP. BD. ON INTERIOR SIDE, (1) LAYER 5/8" EXTERIOR GRADE GYP SHEATHING ON EXTERIOR SIDE OF 6" GAL METAL STUDS @ 16" O.C. S 1/2" (UNFACED) BATT INSULATION (R-21) BETWEEN STUDS OVERLAP INSULATION TABS AT STUDS - (UL #U25) |
| SF-1 | STOREFRONT - FIXED PANE |
| SF-2 | STOREFRONT - FIXED PANE |
| SF-4 | STOREFRONT - FIXED PANE |
| SF-6 | STOREFRONT - FIXED PANE |
| SF-7 | STOREFRONT - FIXED PANE |
| SF-8 | STOREFRONT - FIXED PANE |
| SF-11 | STOREFRONT - FIXED PANE |
| SF-12 | STOREFRONT - DOOR + FIXED PANE |
| SF-14 | STOREFRONT - FIXED PANE |
| SF-15 | STOREFRONT - FIXED PANE |
| | |
| (2) 2HR RATED | |
| 2-1 | 2HR RATED CMU WALL- CMU (CLASS D-2) CONT. GALVANIZED HORIZONTAL TRUSS TYPE REINFORCING @ ALTERNATIVE BLOCK COURSES. SEAL TOP OF CONCRETE BLOCK WALL TIGHT TO UNDERSIDE OF FLOOR/ROOF ABOVE CONT. FIRESTOP SEALANT AND FIRESAFING INSULATION WHERE GAP EXISTS BETWEEN TOP OF WALL AND BOTTOM OF PLANK (UL#U906) |
| 2-2 | 2 HR RATED PARTITION - (2) LAYER OF 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 3-5/8" METAL STUDS @ 16" O.C. W/ 3-1/2" SOUND ATTENUATION INSULATION. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF FLOOR/DECK & SEAL TIGHT TO UNDERSIDE OF FLOOR DECK AND/OR ROOF DECK W/ CONT. FIRESTOP SEALANT. (GA FILE #WP-1522)(STC 55-59) |
| 2-3 | 2 HR RATED PARTITION - (2) LAYER OF 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 3-5/8" METAL STUDS @ 16" O.C. W/ 3-1/2" SOUND ATTENUATION INSULATION. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF FLOOR/DECK & SEAL TIGHT TO UNDERSIDE OF FLOOR DECK AND/OR ROOF DECK W/ CONT. FIRESTOP SEALANT. (GA FILE #WP-1522)(STC 55-59) |
| 2-4 | 2 HR RATED CHASE WALL - (2) LAYERS OF 5/8" WATER RESISTANT GYP. BD. SHEATHING ON ONE SIDE OF 2-1/2" METAL STUDS @ 16" O.C. @ EACH SIDE OF CHASE. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF SLAB. SEAL TIGHT W/ CONT. FIRESTOP SEALANT. SEAL ALL PENETRATIONS WITH FIRESAFING INSULATION & CONT. FIRESTOP SEALANT AS REQ. PROVIDE HORIZONTAL 2-1/2" METAL STUD BRACING @ 48" O.C. MAX (UL-#V442)(STC 50 MIN) |
| 2-5 | 2 HR SHAFT WALL (4") - (2) LAYERS OF 5/8" TYPE "X" GYP BD ON ONE SIDE OF 2-1/2" METAL C-H STUDS @ 16" O.C. W/ (1) LAYER OF 1" TYPE "X" GYP LINER PANEL ON SHFT SIDE W/ 1" MINERAL FIBER INSULATION IN CAVITY. - SEAL TOP OF WALL TO CONC/PLANK (FIRE TEST UL U514 / STC 45-49) |
| 2-6 | 2 HR SHAFT WALL (5") - (2) LAYERS OF 5/8" TYPE "X" GYP BD ON ONE SIDE OF 4" METAL C-H STUDS @ 16" O.C. W/ (1) LAYER OF 1" TYPE "X" GYP LINER PANEL ON SHFT SIDE W/ 1" MINERAL FIBER INSULATION IN CAVITY. - SEAL TOP OF WALL TO CONC/PLANK (FIRE TEST UL U514 / STC 45-49) |
| 2-7 | 2 HR SHAFT WALL - MASONARY EQUIVALENT - (1) LAYER OF 5/8" FIBER REINFORCED CEMENT BD. (ASTM C 1629-0 IMPACT CLASSIFICATION LEVEL 2) OVER 5/8" TYPE "X" GYP. BD. (STAGGERED JOINTS) OVER THE EXTERIOR SIDE OF 4" C-H 3 MILL (20GA) METAL STUDS 16" O.C. W/ 1" LINER BD. (ASTM C 1629-0 LEVEL 3) INSERTED IN H PORTION OF STUDS. TYPE "AR" FIRE CODE PANELS - WP AT WET AREA. SECURE PANELS WITH NO 8 SELF DRILLING BUGLE HEAD SCREWS 12" O.C.. SECURE TOP AND BOTTOM RUNNERS TO STRUCTURE. ASSEMBLY TEST ASTM 1629-0 LEVEL 2. FIRE TEST UL U415 SYSTEM E OR F / STC 45-49 W/1" MINERAL FIBER INSULATION IN CAVITY |
| | |
| (3) 3HR RATED | |
| 3-1 | 2HR RATED CMU WALL CMU (CLASS C-3) CONT. GALVANIZED HORIZONTAL TRUSS TYPE REINFORCING @ ALTERNATIVE BLOCK COURSES. SEAL TOP OF CONCRETE BLOCK WALL TIGHT TO UNDERSIDE OF FLOOR/ROOF ABOVE CONT. FIRESTOP SEALANT AND FIRESAFING INSULATION WHERE GAP EXISTS BETWEEN TOP OF WALL AND BOTTOM OF SLAB (UL#U907) |
| 3-2 | 3 HR RATED CMU WALL PARTITION (1) LAYER OF 1/2" TYPE "X" GYPSUM BOARD OVER 7/8" METAL HAT CHANNELS @ 24" O.C. OVER 2 HR RATED CMU (CLASS D-2)/ CIP. SEAL TOP OF WALL TIGHT TO UNDERSIDE OF SLAB ABOVE W/ CONT. FIRESTOP SEALANT AND FIRESAFING INSULATION WHERE A GAP EXISTS BETWEEN TOP OF WALL AND BOTTOM OF SLAB (UL#U914) (PROVIDE STC RATING OF 50-54 @ COMPACTOR CHUTE ENCLOSURE ADJACENT TO DWELLING UNITS.) |
| 3-3 | 3HR RATED PARTITION WALL (3) LAYER OF 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 2-1/2" METAL STUDS @ 16" O.C. W/ 1-1/2" SOUND ATTENUATION INSULATION. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF FLOOR/DECK & SEAL TIGHT TO UNDERSIDE OF FLOOR DECK AND/OR ROOF DECK W/ CONT. FIRESTOP SEALANT. |

LEGEND:

- CONCRETE WALL & COLUMN - SEE STRUCTURAL DWG'S.
- CONCRETE BLOCK WALL (CMU) - SEE PLANS FOR SIZE
- MASONRY VENEER W/ RIGID INSULATION
- EIFS FINISH
- METAL PANEL FINISH
- GYPSUM BOARD PARTITION (GYP BD.) - SEE PLAN FOR SIZE
- FIRE RATED SHAFT WALL
- DOOR & FRAME - SEE DOOR SCHEDULE
- PARTITION - SEE WALL TYPE LEGEND
- WINDOW - SEE WINDOW SCHEDULE
- EXIT LIGHT & SIGN
- SMOKE / CARBON MONOXIDE DETECTOR
- SMOKE DETECTOR
- APARTMENT DESIGNATION #(FLOOR) XX (APARTMENT NUMBER)
- MIH - INCLUSIONARY/SUPPORTIVE UNIT
- MI - MOBILITY UNIT
- HVI - HEARING/ VISUAL UNIT
- TYPE-B1 1BR 525 SF — APARTMENT TYPE
- ELEVATOR FIREMEN ACCESS
- COLUMN IDENTIFICATION SYMBOL
- X CMU SIZE
- X FIRE RATING
- 11" FLOOR TURNING SPACE
- 5'-0" DIAMETER CLEAR FLOOR TURNING SPACE
- 30" X 48" CLEAR FLOOR SPACE
- REMOVABLE KITCHEN BASE CABINET, 2'-6" WIDE X 2'-0" DEEP
- REFLECTED CEILING
- ELECTRIC HOUSE PANEL - SEE ELEC. DWGS.

GENERAL NOTES:
1. ALL PLAN DIMENSIONS ARE TAKEN FINISH TO FINISH (U.O.N.)
2. FOR KITCHEN AND TOILET ELEVATIONS SEE DWG'S A-510, A-511, A-512, A-513, A-514, A-515, A-516, A-517 & A-518
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6. FOR ELECTRICAL OUTLETS, REFER TO LATEST ELEC. CODE FOR ALL REQUIREMENTS INCLUDING HEIGHT, SPACING, ETC.
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9. VISUAL SIGNALING DEVICE/ STROBE LIGHT SHALL BE PLACED IN ALL H.V.I UNITS. SEE ELEC. DWG'S FOR LOCATIONS
10. BUILDING SHALL BE EQUIPPED WITH AUTOMATIC SPRINKLER SYSTEM. SEE SPRINKLER DWG'S, A-500 THRU A-508, AND A-700 THRU A-701 FOR LOCATION
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12. ALL COUNTERTOPS SHALL PROVIDE KNEE AND TOE CLEARANCE AS PER A117.1-2009 SEC. 606.2(306)
13. REFER TO A-200 THRU A-201 AND A-602 FOR WINDOW TYPES
14. ALL COUNTERTOPS: A PORTION OF THE COUNTER SURFACE 36" INCHES IN LENGTH AND 36" MAXIMUM IN HEIGHT ABOVE THE FINISHED FLOOR SHALL COMPLY WITH A117-1 - 2009 SEC 904.3.1

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
**AUFGANG.**
74 Lafayette Avenue
Suite 301
Suffern, NY 10901
845.368.0004
info@aufgang.com

Owner/Developer
**BRONX PARK GTAH II LLC:**
280 East 161st St.
Bronx, NY 10451

Structural Engineer
**DESIMONE ENGINEERING:**
140 Broadway
25th Floor
New York, NY 10005
212.532.2211

MEP Engineer
**EP ENGINEERING ASSOCIATES:**
110 William St.
32nd Floor
New York, NY 10038
646.779.0758

Civil Engineer
**PHILIP HABIB & ASSOCIATES:**
432 Park Ave. South
6th Floor
New York, NY 10016
212.929.5656


| | |
|---|---|
| 10/17/2025 | ISSUED FOR 100% DD |
| 09/15/2025 | ISSUED TO DOB |
| 05/02/2025 | ISSUED FOR 50% DD |
| 11/08/2024 | ISSUED FOR 100% SD |
| DATE | SUBMISSIONS / REVISIONS |

SHEET TITLE:

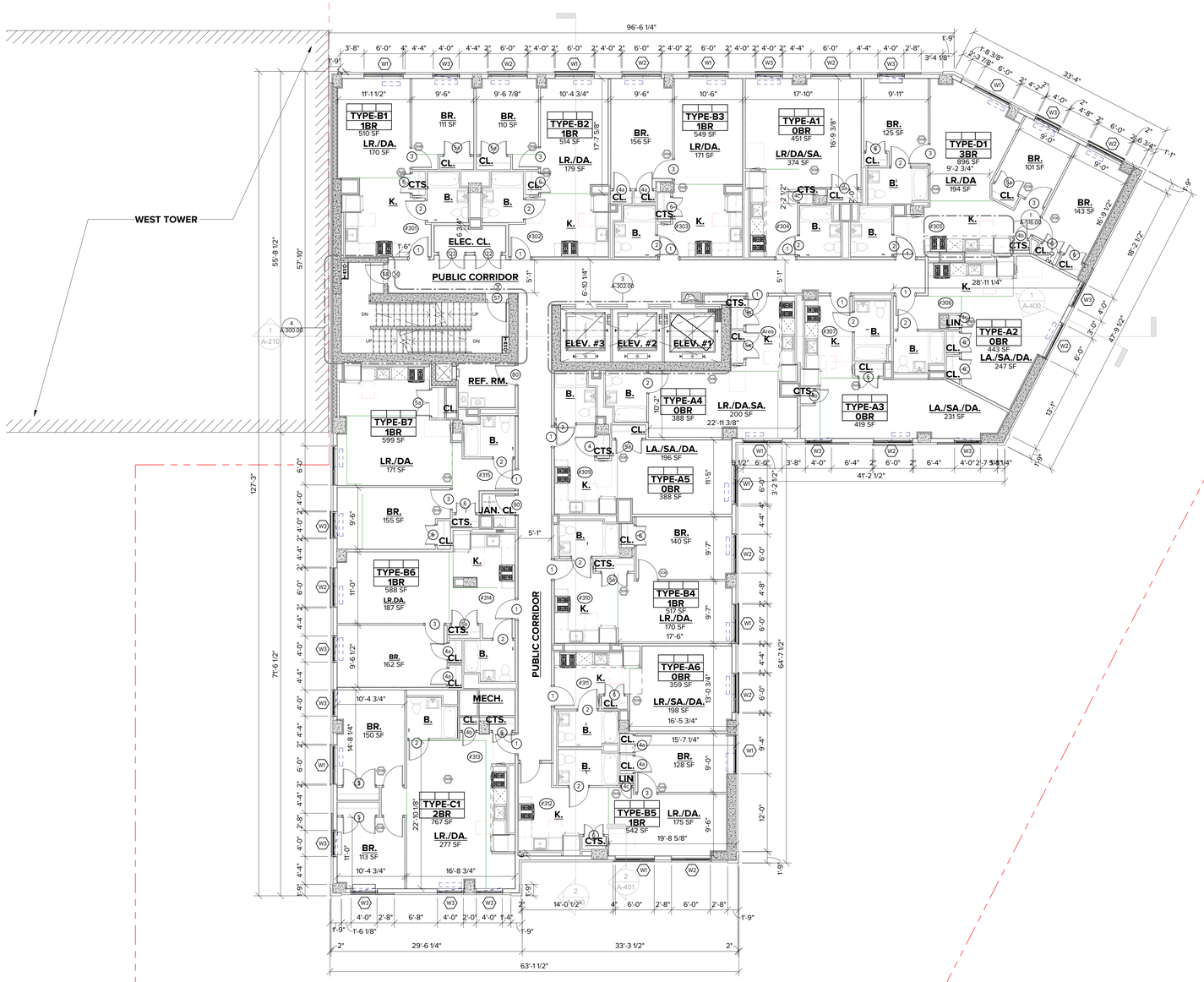
# TYPICAL 2ND FLOOR PLAN


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SEAL & SIGNATURE

ISSUE DATE: 05/03/23
PROJECT NO: Project Number
DRAWN BY: Author
CHECKED BY: Checker
SCALE: 1/8" = 1'-0"
SHEET NO: OF
DRAWING NO: A-102.00

NYC DOB NUMBER: X00945951-I1




1 TYPICAL 3RD - 9TH FLOOR PLANS
A-103 1/8" = 1'-0"

| WALL TYPE LEGEND | |
|---|---|
| **NOTE: G.C. SHALL SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW INDICATING SIZE, GAUGE AND SPACING OF ALL METAL STUDS AND REQUIRED METAL BOXED HEADERS.** | |
| (0) NON RATED | |
| 0-1 | FURRING @ INTERIOR CIP/CMU - (1) LAYER 5/8" TYPE "X" GYP. BD. ON ONE SIDE OF 7/8" METAL FURRING CHANNEL 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE) |
| 0-2 | FURRING @ INTERIOR CIP/CMU - (1) LAYER 5/8" TYPE "X" GYP. BD. OVER 1-1/2" GALV. METAL FURRING OR Z CHANNEL 1-1/2" RIGID INSULATION (R 7.5) AT EXTERIOR CONCRETE/CMU WALLS. W.P. GYP. BD. AT TOILET AND WET AREAS. |
| 0-3 | FURRING @ INTERIOR CIP/CMU - (1) LAYER 5/8" TYPE "X" WATER RESISTANT GYP. BD. ON ONE SIDE OF 2-1/2"" METAL STUDS 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE) |
| 0-4 | FURRING @ EXTERIOR CIP/CMU - (1) LAYER 5/8" TYPE "X" WATER RESISTANT GYP. BD. ON ONE SIDE OF 3-5/8" METAL STUDS @ 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE) 3-1/2" BATT INSULATION AT EXTERIOR WALLS (R15) |
| 0-5 | <varies> |
| 0-6 | PARTITION @ PANEL - (1) LAYER 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 3-5/8" METAL STUDS @ 16" O.C. - W.P. GYP. BD. AND 1-1/2" SOUND ATTENUATION AT BATHROOM AND TOILET ROOMS. |
| 0-7 | VERTICAL PIPE CHASE WALL - (1) LAYER 5/8" TYPE "X" W.P. GYP. BD. ON ONE SIDE OF 1-5/8"" METAL STUDS 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE)-1-1/2" INSULATION AT COLD/HOT PIPES. |
| 0-8 | <varies> |
| | |
| (1) 1 HR RATED | |
| 1-1 | 1 HR RATED TENANT PARTITION - (1) LAYER OF 5/8" TYPE "X" GYP. BD.ON (1) SIDE, (2) LAYERS OF 5/8" TYPE "X" GYP. BD. ON OTHER SIDE OF 3-5/8" METAL STUDS @ 16" O.C. W/ 3-1/2" SOUND ATTENUATION INSULATION. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF FLOOR/DECK & SEAL TIGHT TO UNDERSIDE OF FLOOR DECK AND/OR ROOF DECK W/ CONT. FIRESTOP SEALANT. (GA FILE #WP-1052)(STC 50-54) |
| 1-2 | 1 HR RATED CHASE WALL PARTITION - (1) LAYER OF 5/8" TYPE "X" WATER RESISTANT GYP. BD. ON ONE SIDE OF 2-1/2" METAL STUDS @ 16" O.C. @ EACH SIDE OF CHASE. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF SLAB/PLANK, SEAL TIGHT W/ CONT. FIRESTOP SEALANT. SEAL ALL PENETRATIONS WITH FIRESAFING INSULATION & CONT. FIRESTOP SEALANT AS REQ. PROVIDE HORIZONTAL 2-1/2" METAL STUD BRACING @ 48" O.C. MAX (UL-#V442)(STC 50 MIN) |
| 1-3 | 1 HR RATED EXTERIOR WALL - (1) LAYER 5/8" TYPE "X" GYP. BD. ON INTERIOR SIDE, (1) LAYER 5/8" EXTERIOR GRADE GYP SHEATHING ON EXTERIOR SIDE OF 6" GAL METAL STUDS @ 16" O.C. S 1/2" (UNFACED) BATT INSULATION (R-21) BETWEEN STUDS OVERLAP INSULATION TABS AT STUDS - (UL #U25) |
| SF-1 | STOREFRONT - FIXED PANE |
| SF-2 | STOREFRONT - FIXED PANE |
| SF-4 | STOREFRONT - FIXED PANE |
| SF-6 | STOREFRONT - FIXED PANE |
| SF-7 | STOREFRONT - FIXED PANE |
| SF-8 | STOREFRONT - FIXED PANE |
| SF-11 | STOREFRONT - FIXED PANE |
| SF-12 | STOREFRONT - DOOR + FIXED PANE |
| SF-14 | STOREFRONT - FIXED PANE |
| SF-15 | STOREFRONT - FIXED PANE |
| | |
| (2) 2HR RATED | |
| 2-1 | 2HR RATED CMU WALL- CMU (CLASS D-2) CONT. GALVANIZED HORIZONTAL TRUSS TYPE REINFORCING @ ALTERNATIVE BLOCK COURSES. SEAL TOP OF CONCRETE BLOCK WALL TIGHT TO UNDERSIDE OF FLOOR/ROOF ABOVE CONT. FIRESTOP SEALANT AND FIRESAFING INSULATION WHERE GAP EXISTS BETWEEN TOP OF WALL AND BOTTOM OF PLANK (UL#U906) |
| 2-2 | 2 HR RATED PARTITION - (2) LAYER OF 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 3-5/8" METAL STUDS @ 16" O.C. W/ 3-1/2" SOUND ATTENUATION INSULATION. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF FLOOR/DECK & SEAL TIGHT TO UNDERSIDE OF FLOOR DECK AND/OR ROOF DECK W/ CONT. FIRESTOP SEALANT. (GA FILE #WP-1522)(STC 55-59) |
| 2-3 | 2 HR RATED PARTITION - (2) LAYER OF 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 3-5/8" METAL STUDS @ 16" O.C. W/ 3-1/2" SOUND ATTENUATION INSULATION. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF FLOOR/DECK & SEAL TIGHT TO UNDERSIDE OF FLOOR DECK AND/OR ROOF DECK W/ CONT. FIRESTOP SEALANT. (GA FILE #WP-1522)(STC 55-59) |
| 2-4 | 2 HR RATED CHASE WALL - (2) LAYERS OF 5/8" WATER RESISTANT GYP. BD. SHEATHING ON ONE SIDE OF 2-1/2" METAL STUDS @ 16" O.C. @ EACH SIDE OF CHASE. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF SLAB. SEAL TIGHT W/ CONT. FIRESTOP SEALANT. SEAL ALL PENETRATIONS WITH FIRESAFING INSULATION & CONT. FIRESTOP SEALANT AS REQ. PROVIDE HORIZONTAL 2-1/2" METAL STUD BRACING @ 48" O.C. MAX (UL-#V442)(STC 50 MIN) |
| 2-5 | 2 HR SHAFT WALL (4") - (2) LAYERS OF 5/8" TYPE "X" GYP BD ON ONE SIDE OF 2-1/2" METAL C-H STUDS @ 16" O.C. W/ (1) LAYER OF 1" TYPE "X" GYP LINER PANEL ON SHFT SIDE W/ 1" MINERAL FIBER INSULATION IN CAVITY. - SEAL TOP OF WALL TO CONC/PLANK (FIRE TEST UL U514 / STC 45-49) |
| 2-6 | 2 HR SHAFT WALL (5") - (2) LAYERS OF 5/8" TYPE "X" GYP BD ON ONE SIDE OF 4" METAL C-H STUDS @ 16" O.C. W/ (1) LAYER OF 1" TYPE "X" GYP LINER PANEL ON SHFT SIDE W/ 1" MINERAL FIBER INSULATION IN CAVITY. - SEAL TOP OF WALL TO CONC/PLANK (FIRE TEST UL U514 / STC 45-49) |
| 2-7 | 2 HR SHAFT WALL - MASONARY EQUIVALENT - (1) LAYER OF 5/8" FIBER REINFORCED CEMENT BD. (ASTM C 1629-0 IMPACT CLASSIFICATION LEVEL 2) OVER 5/8" TYPE "X" GYP. BD. (STAGGERED JOINTS) OVER THE EXTERIOR SIDE OF 4" C-H 3 MILL (20GA) METAL STUDS 16" O.C. W/ 1" LINER BD. (ASTM C 1629-0 LEVEL 3) INSERTED IN H PORTION OF STUDS. TYPE "AR" FIRE CODE PANELS - WP AT WET AREA. SECURE PANELS WITH NO 8 SELF DRILLING BUGLE HEAD SCREWS 12" O.C.. SECURE TOP AND BOTTOM RUNNERS TO STRUCTURE. ASSEMBLY TEST ASTM 1629-0 LEVEL 2. FIRE TEST UL U415 SYSTEM E OR F / STC 45-49 W/1" MINERAL FIBER INSULATION IN CAVITY |
| | |
| (3) 3HR RATED | |
| 3-1 | 2HR RATED CMU WALL CMU (CLASS C-3) CONT. GALVANIZED HORIZONTAL TRUSS TYPE REINFORCING @ ALTERNATIVE BLOCK COURSES. SEAL TOP OF CONCRETE BLOCK WALL TIGHT TO UNDERSIDE OF FLOOR/ROOF ABOVE CONT. FIRESTOP SEALANT AND FIRESAFING INSULATION WHERE GAP EXISTS BETWEEN TOP OF WALL AND BOTTOM OF SLAB (UL#U907) |
| 3-2 | 3 HR RATED CMU WALL PARTITION (1) LAYER OF 1/2" TYPE "X" GYPSUM BOARD OVER 7/8" METAL HAT CHANNELS @ 24" O.C. OVER 2 HR RATED CMU (CLASS D-2)/ CIP. SEAL TOP OF WALL TIGHT TO UNDERSIDE OF SLAB ABOVE W/ CONT. FIRESTOP SEALANT AND FIRESAFING INSULATION WHERE A GAP EXISTS BETWEEN TOP OF WALL AND BOTTOM OF SLAB (UL#U914) (PROVIDE STC RATING OF 50-54 @ COMPACTOR CHUTE ENCLOSURE ADJACENT TO DWELLING UNITS.) |
| 3-3 | 3HR RATED PARTITION WALL (3) LAYER OF 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 2-1/2" METAL STUDS @ 16" O.C. W/ 1-1/2" SOUND ATTENUATION INSULATION. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF FLOOR/DECK & SEAL TIGHT TO UNDERSIDE OF FLOOR DECK AND/OR ROOF DECK W/ CONT. FIRESTOP SEALANT. |

LEGEND:

- CONCRETE WALL & COLUMN - SEE STRUCTURAL DWG'S.
- CONCRETE BLOCK WALL (CMU) - SEE PLANS FOR SIZE
- MASONRY VENEER W/ RIGID INSULATION
- EIFS FINISH
- METAL PANEL FINISH
- GYPSUM BOARD PARTITION (GYP BD.) - SEE PLAN FOR SIZE
- FIRE RATED SHAFT WALL
- DOOR & FRAME - SEE DOOR SCHEDULE
- PARTITION - SEE WALL TYPE LEGEND
- WINDOW - SEE WINDOW SCHEDULE
- EXIT LIGHT & SIGN
- SMOKE / CARBON MONOXIDE DETECTOR
- SMOKE DETECTOR
- APARTMENT DESIGNATION #(FLOOR) XX (APARTMENT NUMBER)
- TYPE-B1 1BR 525 SF — MIH- INCLUSIONARY/SUPPORTIVE UNIT; MI- MOBILITY UNIT; HVI - HEARING/ VISUAL UNIT; APARTMENT TYPE
- ELEVATOR FIREMEN ACCESS
- COLUMN IDENTIFICATION SYMBOL
- CMU SIZE
- FIRE RATING
- "T" FLOOR TURNING SPACE
- 5'-0" DIAMETER CLEAR FLOOR TURNING SPACE
- 30" X 48" CLEAR FLOOR SPACE
- REMOVABLE KITCHEN BASE CABINET. 2'-6" WIDE X 2'-0" DEEP
- REFLECTED CEILING
- ELECTRIC HOUSE PANEL - SEE ELEC. DWGS.

GENERAL NOTES:
1. ALL PLAN DIMENSIONS ARE TAKEN FINISH TO FINISH (U.O.N.)
2. FOR KITCHEN AND TOILET ELEVATIONS SEE DWG'S A-510, A-511, A-512, A-513, A-514, A-515, A-516, A-517 & A-518
3. G.C. SHALL COORDINATE SIZE & LOCATION OF ALL HVAC OPENINGS IN PLANK/ SLAB/ DECKING WITH MECHANICAL DWGS.
4. G.C. SHALL COORDINATE SIZE AND LOCATION OF ALL MASONRY OPENINGS AT ELEVATOR ENTRANCES WITH ELEVATOR VENDOR.
5. BOTTOM OF DROPPED ARCH SHALL BE 6'-6" MIN A.F.F.
6. FOR ELECTRICAL OUTLETS, REFER TO LATEST ELEC. CODE FOR ALL REQUIREMENTS INCLUDING HEIGHT, SPACING, ETC.
7. ALL STUDIOS AND/OR KITCHENETTES SHALL BE EQUIPPED WITH MECHANICAL VENTILATION. REFER TO ENLARGED UNIT PLANS AND MECHANICAL DWG'S FOR LOCATION
8. ALL BATHROOMS SHALL BE EQUIPPED WITH MECHANICAL VENTILATION. SEE TO MECHANICAL DWG'S
9. VISUAL SIGNALING DEVICE/ STROBE LIGHT SHALL BE PLACED IN ALL H.V.I UNITS. SEE ELEC. DWG'S FOR LOCATIONS
10. BUILDING SHALL BE EQUIPPED WITH AUTOMATIC SPRINKLER SYSTEM. SEE SPRINKLER DWG'S, A-500 THRU A-508, AND A-700 THRU A-701 FOR LOCATION
11. ALL EGRESS ENCLOSURES SHALL BE IMPACT RESISTANT
12. ALL COUNTERTOPS SHALL PROVIDE KNEE AND TOE CLEARANCE AS PER A117.1-2009 SEC. 606.2(606)
13. REFER TO A-200 THRU A-201 AND A-602 FOR WINDOW TYPES
14. ALL COUNTERTOPS: A PORTION OF THE COUNTER SURFACE 36" INCHES IN LENGTH AND 36" MAXIMUM IN HEIGHT ABOVE THE FINISHED FLOOR SHALL COMPLY WITH A117.1 - 2009 SEC 904.3.1

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
**AUFGANG.**
74 Lafayette Avenue
Suite 301
Suffern, NY 10901
845.368.0004
info@aufgang.com

Owner/Developer
**BRONX PARK GTAH II LLC:**
280 East 161st St.
Bronx, NY 10451

Structural Engineer
**DESIMONE ENGINEERING:**
140 Broadway
25th Floor
New York, NY 10005
212.532.2211

MEP Engineer
**EP ENGINEERING ASSOCIATES:**
110 William St.
32nd Floor
New York, NY 10038
646.779.0758

Civil Engineer
**PHILIP HABIB & ASSOCIATES:**
432 Park Ave. South
6th Floor
New York, NY 10016
212.929.5656


| DATE | SUBMISSIONS / REVISIONS |
|---|---|
| 10/17/2025 | ISSUED FOR 100% DD |
| 09/15/2025 | ISSUED TO DOB |
| 05/02/2025 | ISSUED FOR 50% DD |
| 11/08/2024 | ISSUED FOR 100% SD |

SHEET TITLE:

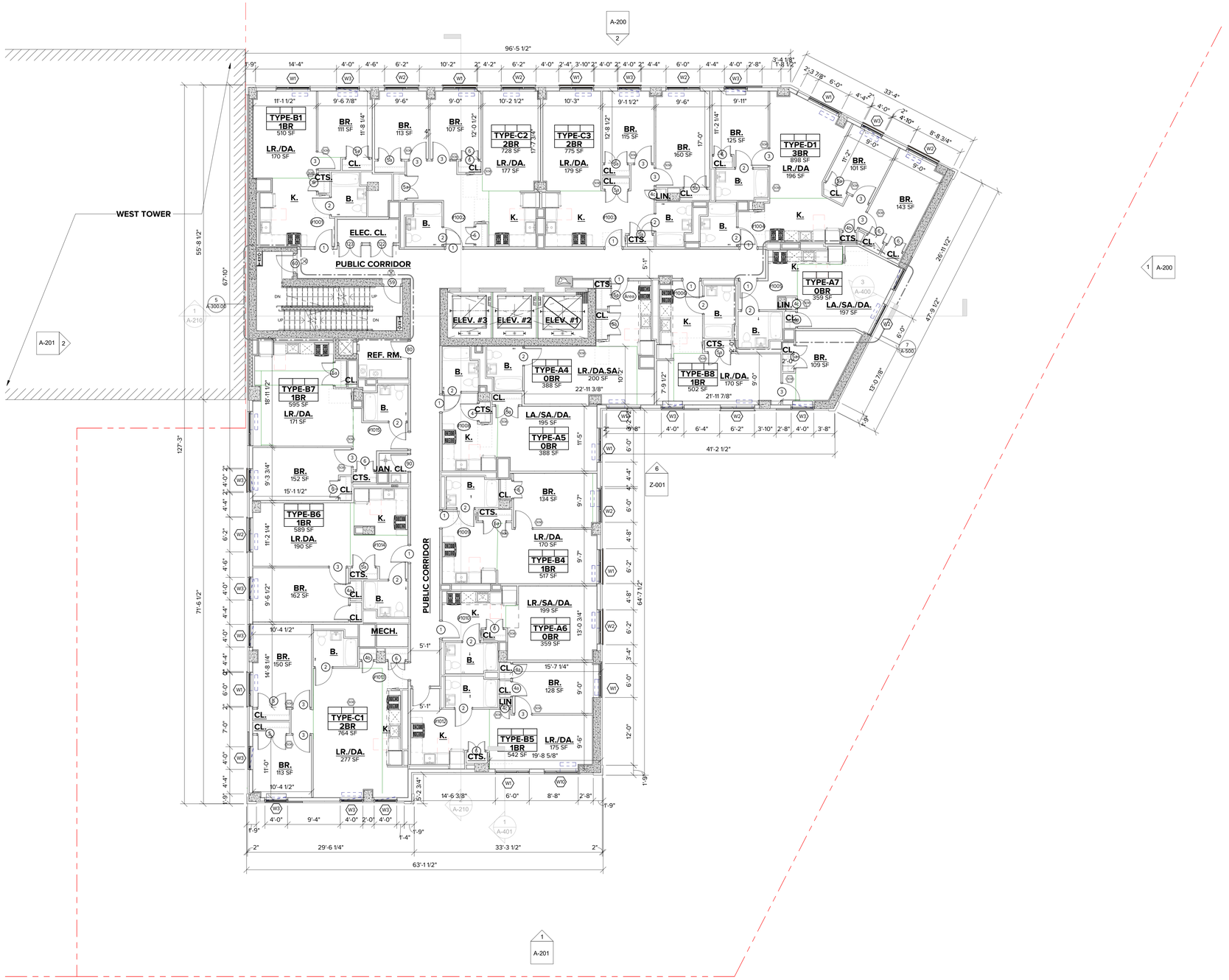
## TYPICAL 3RD - 9TH FLOOR PLANS


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SEAL & SIGNATURE

ISSUE DATE: 05/03/23
PROJECT NO: Project Number
DRAWN BY: Author
CHECKED BY: Checker
SCALE: 1/8" = 1'-0"
SHEET NO: OF
DRAWING NO: A-103.00

NYC DOB NUMBER: X00945951-I1




1 TYPICAL 10TH - 15TH FLOOR PLANS
A-104 1/8" = 1'-0"

**WALL TYPE LEGEND**

**NOTE: G.C. SHALL SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW INDICATING SIZE, GAUGE AND SPACING OF ALL METAL STUDS AND REQUIRED METAL BOXED HEADERS.**

| | |
|---|---|
| (0) NON RATED | |
| 0-1 | FURRING @ INTERIOR CIP/CMU - (1) LAYER 5/8" TYPE "X" GYP. BD. ON ONE SIDE OF 7/8" METAL FURRING CHANNEL 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE) |
| 0-2 | FURRING @ INTERIOR CIP/CMU - (1) LAYER 5/8" TYPE "X" GYP. BD. OVER 1-1/2" GALV. METAL FURRING OR Z CHANNEL 1-1/2" RIGID INSULATION (R 7.5) AT EXTERIOR CONCRETE/CMU WALLS. W.P. GYP. BD. AT TOILET AND WET AREAS. |
| 0-3 | FURRING @ INTERIOR CIP/CMU - (1) LAYER 5/8" TYPE "X" WATER RESISTANT GYP. BD. ON ONE SIDE OF 2-1/2"" METAL STUDS 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE) |
| 0-4 | FURRING @ EXTERIOR CIP/CMU - (1) LAYER 5/8" TYPE "X" WATER RESISTANT GYP. BD. ON ONE SIDE OF 3-5/8" METAL STUDS @ 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE) 3-1/2" BATT INSULATION AT EXTERIOR WALLS (R15) |
| 0-5 | <varies> |
| 0-6 | PARTITION @ PANEL - (1) LAYER 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 3-5/8" METAL STUDS @ 16" O.C. - W.P. GYP. BD. AND 1-1/2" SOUND ATTENUATION AT BATHROOM AND TOILET ROOMS. |
| 0-7 | VERTICAL PIPE CHASE WALL - (1) LAYER 5/8" TYPE "X" W.P. GYP. BD. ON ONE SIDE OF 1-5/8"" METAL STUDS 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE)-1-1/2" INSULATION AT COLD/HOT PIPES. |
| 0-8 | <varies> |
| | |
| (1) 1 HR RATED | |
| 1-1 | 1 HR RATED TENANT PARTITION - (1) LAYER OF 5/8" TYPE "X" GYP. BD.ON (1) SIDE, (2) LAYERS OF 5/8" TYPE "X" GYP. BD. ON OTHER SIDE OF 3-5/8" METAL STUDS @ 16" O.C. W/ 3-1/2" SOUND ATTENUATION INSULATION. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF FLOORDECK & SEAL TIGHT TO UNDERSIDE OF FLOOR DECK AND/OR ROOF DECK W/ CONT. FIRESTOP SEALANT. (GA FILE #WP-1052)(STC 50-54) |
| 1-2 | 1 HR RATED CHASE WALL PARTITION - (1) LAYER OF 5/8" TYPE "X" WATER RESISTANT GYP. BD. ON ONE SIDE OF 2-1/2" METAL STUDS @ 16" O.C. @ EACH SIDE OF CHASE. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF SLAB/PLANK, SEAL TIGHT W/ CONT. FIRESTOP SEALANT. SEAL ALL PENETRATIONS WITH FIRESAFING INSULATION & CONT. FIRESTOP SEALANT AS REQ. PROVIDE HORIZONTAL 2-1/2" METAL STUD BRACING @ 48" O.C. MAX (UL-#V442)(STC 50 MIN) |
| 1-3 | 1 HR RATED EXTERIOR WALL - (1) LAYER 5/8" TYPE "X" GYP. BD. ON INTERIOR SIDE, (1) LAYER 5/8" EXTERIOR GRADE GYP SHEATHING ON EXTERIOR SIDE OF 6" GAL METAL STUDS @ 16" O.C. S 1/2" (UNFACED) BATT INSULATION (R-21) BETWEEN STUDS OVERLAP INSULATION TABS AT STUDS - (UL #U25) |
| SF-1 | STOREFRONT - FIXED PANE |
| SF-2 | STOREFRONT - FIXED PANE |
| SF-4 | STOREFRONT - FIXED PANE |
| SF-6 | STOREFRONT - FIXED PANE |
| SF-7 | STOREFRONT - FIXED PANE |
| SF-8 | STOREFRONT - FIXED PANE |
| SF-11 | STOREFRONT - FIXED PANE |
| SF-12 | STOREFRONT - DOOR + FIXED PANE |
| SF-14 | STOREFRONT - FIXED PANE |
| SF-15 | STOREFRONT - FIXED PANE |
| | |
| (2) 2HR RATED | |
| 2-1 | 2HR RATED CMU WALL- CMU (CLASS D-2) CONT. GALVANIZED HORIZONTAL TRUSS TYPE REINFORCING @ ALTERNATIVE BLOCK COURSES. SEAL TOP OF CONCRETE BLOCK WALL TIGHT TO UNDERSIDE OF FLOOR/ROOF ABOVE CONT. FIRESTOP SEALANT AND FIRESAFING INSULATION WHERE GAP EXISTS BETWEEN TOP OF WALL AND BOTTOM OF PLANK (UL#U906) |
| 2-2 | 2 HR RATED PARTITION - (2) LAYER OF 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 3-5/8" METAL STUDS @ 16" O.C. W/ 3-1/2" SOUND ATTENUATION INSULATION. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF FLOORDECK & SEAL TIGHT TO UNDERSIDE OF FLOOR DECK AND/OR ROOF DECK W/ CONT. FIRESTOP SEALANT. (GA FILE #WP-1522)(STC 55-59) |
| 2-3 | 2 HR RATED PARTITION - (2) LAYER OF 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 3-5/8" METAL STUDS @ 16" O.C. W/ 3-1/2" SOUND ATTENUATION INSULATION. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF FLOOR/DECK & SEAL TIGHT TO UNDERSIDE OF FLOOR DECK AND/OR ROOF DECK W/ CONT. FIRESTOP SEALANT. (GA FILE #WP-1522)(STC 55-59) |
| 2-4 | 2 HR RATED CHASE WALL - (2) LAYERS OF 5/8" WATER RESISTANT GYP. BD. SHEATHING ON ONE SIDE OF 2-1/2" METAL STUDS @ 16" O.C. @ EACH SIDE OF CHASE. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF SLAB. SEAL TIGHT W/ CONT. FIRESTOP SEALANT. SEAL ALL PENETRATIONS WITH FIRESAFING INSULATION & CONT. FIRESTOP SEALANT AS REQ. PROVIDE HORIZONTAL 2-1/2" METAL STUD BRACING @ 48" O.C. MAX (UL-#V442)(STC 50 MIN) |
| 2-5 | 2 HR SHAFT WALL (4") - (2) LAYERS OF 5/8" TYPE "X" GYP BD ON ONE SIDE OF 2-1/2" METAL C-H STUDS @ 16" O.C. W/ (1) LAYER OF 1" TYPE "X" GYP LINER PANEL ON SHFT SIDE W/ 1" MINERAL FIBER INSULATION IN CAVITY. - SEAL TOP OF WALL TO CONC/PLANK (FIRE TEST UL U514 / STC 45-49) |
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| 2-7 | 2 HR SHAFT WALL - MASONARY EQUIVALENT - (1) LAYER OF 5/8" FIBER REINFORCED CEMENT BD. (ASTM C 1629-0 IMPACT CLASSIFICATION LEVEL 2) OVER 5/8" TYPE "X" GYP. BD. (STAGGERED JOINTS) OVER THE EXTERIOR SIDE OF 4" C-H 3 MILL (20GA) METAL STUDS 16" O.C. W/ 1" LINER BD. (ASTM C 1629-0 LEVEL 3) INSERTED IN H PORTION OF STUDS. TYPE "AR" FIRE CODE PANELS - WP AT WET AREA. SECURE PANELS WITH NO 8 SELF DRILLING BUGLE HEAD SCREWS 12" O.C.. SECURE TOP AND BOTTOM RUNNERS TO STRUCTURE. ASSEMBLY TEST ASTM 1629-0 LEVEL 2, FIRE TEST UL U415 SYSTEM E OR F / STC 45-49 W/1" MINERAL FIBER INSULATION IN CAVITY |
| | |
| (3) 3HR RATED | |
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| 3-3 | 3HR RATED PARTITION WALL (3) LAYER OF 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 2-1/2" METAL STUDS @ 16" O.C. W/ 1-1/2" SOUND ATTENUATION INSULATION. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF FLOORDECK & SEAL TIGHT TO UNDERSIDE OF FLOOR DECK AND/OR ROOF DECK W/ CONT. FIRESTOP SEALANT. |

LEGEND:

- CONCRETE WALL & COLUMN - SEE STRUCTURAL DWG'S.
- CONCRETE BLOCK WALL (CMU) - SEE PLANS FOR SIZE
- MASONRY VENEER W/ RIGID INSULATION
- EIFS FINISH
- METAL PANEL FINISH
- GYPSUM BOARD PARTITION (GYP BD.) - SEE PLAN FOR SIZE
- FIRE RATED SHAFT WALL
- DOOR & FRAME - SEE DOOR SCHEDULE
- PARTITION - SEE WALL TYPE LEGEND
- WINDOW - SEE WINDOW SCHEDULE
- EXIT LIGHT & SIGN
- SMOKE / CARBON MONOXIDE DETECTOR
- SMOKE DETECTOR
- APARTMENT DESIGNATION #(FLOOR) XX (APARTMENT NUMBER)
- TYPE-B1 1BR 525 SF — MH- INCLUSIONARY/SUPPORTIVE UNIT; MI- MOBILITY UNIT; HVI - HEARING/ VISUAL UNIT; APARTMENT TYPE
- ELEVATOR FIREMEN ACCESS
- 988 COLUMN IDENTIFICATION SYMBOL
- X CMU SIZE; X FIRE RATING
- T" FLOOR TURNING SPACE
- 5'-0" DIAMETER CLEAR FLOOR TURNING SPACE
- 30" X 48" CLEAR FLOOR SPACE
- REMOVABLE KITCHEN BASE CABINET, 2'-6" WIDE X 2'-0" DEEP
- REFLECTED CEILING
- ELECTRIC HOUSE PANEL - SEE ELEC. DWGS.

GENERAL NOTES:
1. ALL PLAN DIMENSIONS ARE TAKEN FINISH TO FINISH (U.O.N.)
2. FOR KITCHEN AND TOILET ELEVATIONS SEE DWG'S A-510, A-511, A-512, A-513, A-514, A-515, A-516, A-517 & A-518
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6. FOR ELECTRICAL OUTLETS, REFER TO LATEST ELEC. CODE FOR ALL REQUIREMENTS INCLUDING HEIGHT, SPACING, ETC.
7. ALL STUDIOS AND/OR KITCHENETTES SHALL BE EQUIPPED WITH MECHANICAL VENTILATION. REFER TO ENLARGED UNIT PLANS AND MECHANICAL DWG'S FOR LOCATION.
8. ALL BATHROOMS SHALL BE EQUIPPED WITH MECHANICAL VENTILATION. SEE TO MECHANICAL DWG'S
9. VISUAL SIGNALING DEVICE/ STROBE LIGHT SHALL BE PLACED IN ALL H.V.I UNITS. SEE ELEC. DWG'S FOR LOCATIONS
10. BUILDING SHALL BE EQUIPPED WITH AUTOMATIC SPRINKLER SYSTEM. SEE SPRINKLER DWG'S, A-500 THRU A-508, AND A-700 THRU A-701 FOR LOCATION
11. ALL EGRESS ENCLOSURES SHALL BE IMPACT RESISTANT
12. ALL COUNTERTOPS SHALL PROVIDE KNEE AND TOE CLEARANCE AS PER A117.1-2009 SEC. 606.2(306)
13. REFER TO A-200 THRU A-201 AND A-602 FOR WINDOW TYPES
14. ALL COUNTERTOPS: A PORTION OF THE COUNTER SURFACE 36" INCHES IN LENGTH AND 36" MAXIMUM IN HEIGHT ABOVE THE FINISHED FLOOR SHALL COMPLY WITH A117-1 - 2009 SEC 904.3.1

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
**AUFGANG.**
74 Lafayette Avenue
Suite 301
Suffern, NY 10901
845.368.0004
info@aufgang.com

Owner/Developer
**BRONX PARK GTAH II LLC:**
280 East 161st St.
Bronx, NY 10451

Structural Engineer
**DESIMONE ENGINEERING:**
140 Broadway
25th Floor
New York, NY 10005
212.532.2211

MEP Engineer
**EP ENGINEERING ASSOCIATES:**
110 William St.
32nd Floor
New York, NY 10038
646.779.0758

Civil Engineer
**PHILIP HABIB & ASSOCIATES:**
432 Park Ave. South
6th Floor
New York, NY 10016
212.929.5656


| DATE | SUBMISSIONS / REVISIONS |
|---|---|
| 10/17/2025 | ISSUED FOR 100% DD |
| 09/15/2025 | ISSUED TO DOB |
| 05/02/2025 | ISSUED FOR 50% DD |
| 11/08/2024 | ISSUED FOR 100% SD |

SHEET TITLE:

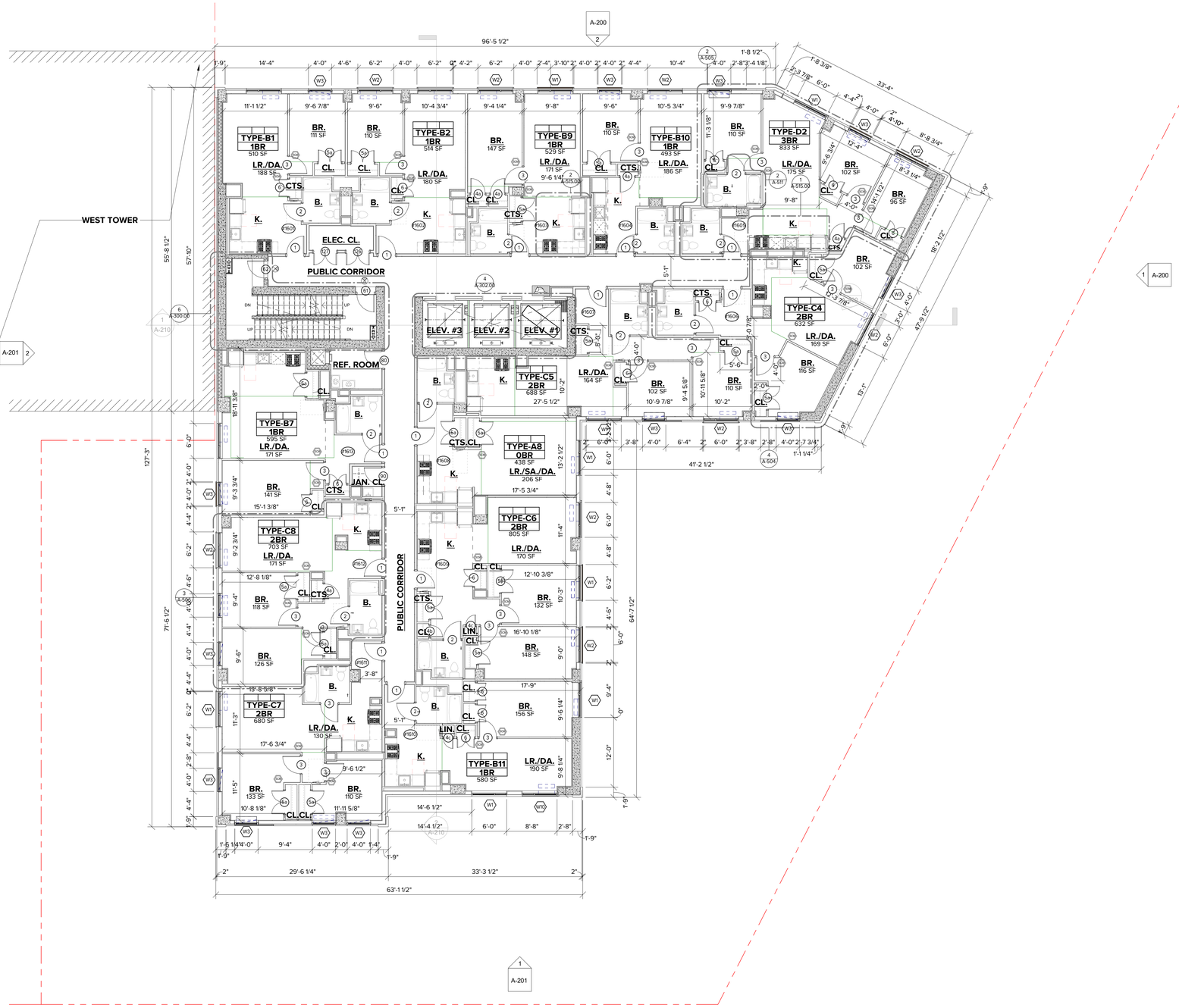
## TYPICAL 10TH - 15TH FLOOR PLANS


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DRAWN BY: Author
CHECKED BY: Checker
SCALE: 1/8" = 1'-0"
SHEET NO: OF
DRAWING NO: A-104.00

NYC DOB NUMBER: X00945951-I1




1 A-105 TYPICAL 16TH - 26TH FLOOR PLANS
1/8" = 1'-0"

| WALL TYPE LEGEND | |
|---|---|
| **NOTE: G.C. SHALL SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW INDICATING SIZE, GAUGE AND SPACING OF ALL METAL STUDS AND REQUIRED METAL BOXED HEADERS.** | |
| (0) NON RATED | |
| 0-1 | FURRING @ INTERIOR CIP/CMU - (1) LAYER 5/8" TYPE "X" GYP. BD. ON ONE SIDE OF 7/8" METAL FURRING CHANNEL 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE) |
| 0-2 | FURRING @ INTERIOR CIP/CMU - (1) LAYER 5/8" TYPE "X" GYP. BD. OVER 1-1/2" GALV. METAL FURRING OR Z CHANNEL 1-1/2" RIGID INSULATION (R 7.5) AT EXTERIOR CONCRETE/CMU WALLS. W.P. GYP. BD. AT TOILET AND WET AREAS. |
| 0-3 | FURRING @ INTERIOR CIP/CMU - (1) LAYER 5/8" TYPE "X" WATER RESISTANT GYP. BD. ON ONE SIDE OF 2-1/2"" METAL STUDS 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE) |
| 0-4 | FURRING @ EXTERIOR CIP/CMU - (1) LAYER 5/8" TYPE "X" WATER RESISTANT GYP. BD. ON ONE SIDE OF 3-5/8" METAL STUDS @ 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE) 3-1/2" BATT INSULATION AT EXTERIOR WALLS (R15) |
| 0-5 | <varies> |
| 0-6 | PARTITION @ PANEL - (1) LAYER 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 3-5/8" METAL STUDS @ 16" O.C. - W.P. GYP. BD. AND 1-1/2" SOUND ATTENUATION AT BATHROOM AND TOILET ROOMS. |
| 0-7 | VERTICAL PIPE CHASE WALL - (1) LAYER 5/8" TYPE "X" W.P. GYP. BD. ON ONE SIDE OF 1-5/8"" METAL STUDS 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE)-1-1/2" INSULATION AT COLD/HOT PIPES. |
| 0-8 | <varies> |
| | |
| (1) 1 HR RATED | |
| 1-1 | 1 HR RATED TENANT PARTITION - (1) LAYER OF 5/8" TYPE "X" GYP. BD.ON (1) SIDE, (2) LAYERS OF 5/8" TYPE "X" GYP. BD. ON OTHER SIDE OF 3-5/8" METAL STUDS @ 16" O.C. W/ 3-1/2" SOUND ATTENUATION INSULATION. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF FLOOR/DECK & SEAL TIGHT TO UNDERSIDE OF FLOOR DECK AND/OR ROOF DECK W/ CONT. FIRESTOP SEALANT. (GA FILE #WP-1052)(STC 50-54) |
| 1-2 | 1 HR RATED CHASE WALL PARTITION - (1) LAYER OF 5/8" TYPE "X" WATER RESISTANT GYP. BD. ON ONE SIDE OF 2-1/2" METAL STUDS @ 16" O.C. @ EACH SIDE OF CHASE. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF SLAB/PLANK. SEAL TIGHT W/ CONT. FIRESTOP SEALANT. SEAL ALL PENETRATIONS WITH FIRESAFING INSULATION & CONT. FIRESTOP SEALANT AS REQ. PROVIDE HORIZONTAL 2-1/2" METAL STUD BRACING @ 48" O.C. MAX (UL-#V442)(STC 50 MIN) |
| 1-3 | 1 HR RATED EXTERIOR WALL - (1) LAYER 5/8" TYPE "X" GYP. BD. ON INTERIOR SIDE, (1) LAYER 5/8" EXTERIOR GRADE GYP SHEATHING ON EXTERIOR SIDE OF 6" GAL METAL STUDS @ 16" O.C. 5 1/2" (UNFACED) BATT INSULATION (R-21) BETWEEN STUDS OVERLAP INSULATION TABS AT STUDS - (UL #U25) |
| SF-1 | STOREFRONT - FIXED PANE |
| SF-2 | STOREFRONT - FIXED PANE |
| SF-4 | STOREFRONT - FIXED PANE |
| SF-6 | STOREFRONT - FIXED PANE |
| SF-7 | STOREFRONT - FIXED PANE |
| SF-8 | STOREFRONT - FIXED PANE |
| SF-11 | STOREFRONT - FIXED PANE |
| SF-12 | STOREFRONT - DOOR + FIXED PANE |
| SF-14 | STOREFRONT - FIXED PANE |
| SF-15 | STOREFRONT - FIXED PANE |
| | |
| (2) 2HR RATED | |
| 2-1 | 2HR RATED CMU WALL- CMU (CLASS D-2) CONT. GALVANIZED HORIZONTAL TRUSS TYPE REINFORCING @ ALTERNATIVE BLOCK COURSES. SEAL TOP OF CONCRETE BLOCK WALL TIGHT TO UNDERSIDE OF FLOOR/ROOF ABOVE CONT. FIRESTOP SEALANT AND FIRESAFING INSULATION WHERE GAP EXISTS BETWEEN TOP OF WALL AND BOTTOM OF PLANK (UL#U906) |
| 2-2 | 2 HR RATED PARTITION - (2) LAYER OF 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 3-5/8" METAL STUDS @ 16" O.C. W/ 3-1/2" SOUND ATTENUATION INSULATION. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF FLOOR/DECK & SEAL TIGHT TO UNDERSIDE OF FLOOR DECK AND/OR ROOF DECK W/ CONT. FIRESTOP SEALANT. (GA FILE #WP-1522)(STC 55-59) |
| 2-3 | 2 HR RATED PARTITION - (2) LAYER OF 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 3-5/8" METAL STUDS @ 16" O.C. W/ 3-1/2" SOUND ATTENUATION INSULATION. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF FLOOR/DECK & SEAL TIGHT TO UNDERSIDE OF FLOOR DECK AND/OR ROOF DECK W/ CONT. FIRESTOP SEALANT. (GA FILE #WP-1522)(STC 55-59) |
| 2-4 | 2 HR RATED CHASE WALL - (2) LAYERS OF 5/8" WATER RESISTANT GYP. BD. SHEATHING ON ONE SIDE OF 2-1/2" METAL STUDS @ 16" O.C. @ EACH SIDE OF CHASE. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF SLAB. SEAL TIGHT W/ CONT. FIRESTOP SEALANT. SEAL ALL PENETRATIONS WITH FIRESAFING INSULATION & CONT. FIRESTOP SEALANT AS REQ. PROVIDE HORIZONTAL 2-1/2" METAL STUD BRACING @ 48" O.C. MAX (UL-#V442)(STC 50 MIN) |
| 2-5 | 2 HR SHAFT WALL (4") - (2) LAYERS OF 5/8" TYPE "X" GYP BD ON ONE SIDE OF 2-1/2" METAL C-H STUDS @ 16" O.C. W/ (1) LAYER OF 1" TYPE "X" GYP LINER PANEL ON SHFT SIDE W/ 1" MINERAL FIBER INSULATION IN CAVITY. - SEAL TOP OF WALL TO CONC/PLANK (FIRE TEST UL U514 / STC 45-49) |
| 2-6 | 2 HR SHAFT WALL (5") - (2) LAYERS OF 5/8" TYPE "X" GYP BD ON ONE SIDE OF 4" METAL C-H STUDS @ 16" O.C. W/ (1) LAYER OF 1" TYPE "X" GYP LINER PANEL ON SHFT SIDE W/ 1" MINERAL FIBER INSULATION IN CAVITY. - SEAL TOP OF WALL TO CONC/PLANK (FIRE TEST UL U514 / STC 45-49) |
| 2-7 | 2 HR SHAFT WALL - MASONARY EQUIVALENT - (1) LAYER OF 5/8" FIBER REINFORCED CEMENT BD. (ASTM C 1629-0 IMPACT CLASSIFICATION LEVEL 2) OVER 5/8" TYPE "X" GYP. BD. (STAGGERED JOINTS) OVER THE EXTERIOR SIDE OF 4" C-H 3 MILL (20GA) METAL STUDS 16" O.C. W/ 1" LINER BD. (ASTM C 1629-0 LEVEL 3) INSERTED IN H PORTION OF STUDS. TYPE "AR" FIRE CODE PANELS - WP AT WET AREA. SECURE PANELS WITH NO 8 SELF DRILLING BUGLE HEAD SCREWS 12" O.C.. SECURE TOP AND BOTTOM RUNNERS TO STRUCTURE. ASSEMBLY TEST ASTM 1629-0 LEVEL 2, FIRE TEST UL U415 SYSTEM E OR F / STC 45-49 W/1" MINERAL FIBER INSULATION IN CAVITY |
| | |
| (3) 3HR RATED | |
| 3-1 | 2HR RATED CMU WALL CMU (CLASS C-3) CONT. GALVANIZED HORIZONTAL TRUSS TYPE REINFORCING @ ALTERNATIVE BLOCK COURSES. SEAL TOP OF CONCRETE BLOCK WALL TIGHT TO UNDERSIDE OF FLOOR/ROOF ABOVE CONT. FIRESTOP SEALANT AND FIRESAFING INSULATION WHERE GAP EXISTS BETWEEN TOP OF WALL AND BOTTOM OF SLAB (ULRu907) |
| 3-2 | 3 HR RATED CMU WALL PARTITION (1) LAYER OF 1/2" TYPE "X" GYPSUM BOARD OVER 7/8" METAL HAT CHANNELS @ 24" O.C. OVER 2 HR RATED CMU (CLASS D-2)/ CIP. SEAL TOP OF WALL TIGHT TO UNDERSIDE OF SLAB ABOVE W/ CONT. FIRESTOP SEALANT AND FIRESAFING INSULATION WHERE A GAP EXISTS BETWEEN TOP OF WALL AND BOTTOM OF SLAB (ULRu994) PROVIDE STC RATING OF 50-54 @ COMPACTOR CHUTE ENCLOSURE ADJACENT TO DWELLING UNITS.) |
| 3-3 | 3HR RATED PARTITION WALL (3) LAYER OF 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 2-1/2" METAL STUDS @ 16" O.C. W/ 1-1/2" SOUND ATTENUATION INSULATION. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF FLOOR/DECK & SEAL TIGHT TO UNDERSIDE OF FLOOR DECK AND/OR ROOF DECK W/ CONT. FIRESTOP SEALANT. |

LEGEND:

- CONCRETE WALL & COLUMN - SEE STRUCTURAL DWG'S.
- CONCRETE BLOCK WALL (CMU) - SEE PLANS FOR SIZE
- MASONRY VENEER W/ RIGID INSULATION
- EIFS FINISH
- METAL PANEL FINISH
- GYPSUM BOARD PARTITION (GYP BD.) - SEE PLAN FOR SIZE
- FIRE RATED SHAFT WALL
- DOOR & FRAME - SEE DOOR SCHEDULE
- PARTITION - SEE WALL TYPE LEGEND
- WINDOW - SEE WINDOW SCHEDULE
- EXIT LIGHT & SIGN
- SMOKE / CARBON MONOXIDE DETECTOR
- SMOKE DETECTOR
- APARTMENT DESIGNATION #(FLOOR) XX (APARTMENT NUMBER)
- TYPE-B1 1BR 525 SF — APARTMENT TYPE
- MIH- INCLUSIONARY/SUPPORTIVE UNIT
- MI- MOBILITY UNIT
- HVI - HEARING/ VISUAL UNIT
- ELEVATOR FIREMEN ACCESS
- COLUMN IDENTIFICATION SYMBOL
- CMU SIZE
- FIRE RATING
- "T" FLOOR TURNING SPACE
- 5'-0" DIAMETER CLEAR FLOOR TURNING SPACE
- 30" X 48" CLEAR FLOOR SPACE
- REMOVABLE KITCHEN BASE CABINET. 2'-6" WIDE X 2'-0" DEEP
- REFLECTED CEILING
- ELECTRIC HOUSE PANEL - SEE ELEC. DWGS.

GENERAL NOTES:
1. ALL PLAN DIMENSIONS ARE TAKEN FINISH TO FINISH (U.O.N.).
2. FOR KITCHEN AND TOILET ELEVATIONS SEE DWG'S A-510, A-511, A-512, A-513, A-514, A-515, A-516, A-517 & A-518
3. G.C. SHALL COORDINATE SIZE & LOCATION OF ALL HVAC OPENINGS IN PLANK/ SLAB/ DECKING WITH MECHANICAL DWGS.
4. G.C. SHALL COORDINATE SIZE AND LOCATION OF ALL MASONRY OPENINGS AT ELEVATOR ENTRANCES WITH ELEVATOR VENDOR.
5. BOTTOM OF DROPPED ARCH SHALL BE 6'-6" MIN A.F.F.
6. FOR ELECTRICAL OUTLETS, REFER TO LATEST ELEC. CODE FOR ALL REQUIREMENTS INCLUDING HEIGHT, SPACING, ETC.
7. ALL STUDIOS AND/OR KITCHENETTES SHALL BE EQUIPPED WITH MECHANICAL VENTILATION. REFER TO ENLARGED UNIT PLANS AND MECHANICAL DWG'S FOR LOCATION
8. ALL BATHROOMS SHALL BE EQUIPPED WITH MECHANICAL VENTILATION. SEE TO MECHANICAL DWG'S
9. VISUAL SIGNALING DEVICE/ STROBE LIGHT SHALL BE PLACED IN ALL H.V.I UNITS. SEE ELEC. DWG'S FOR LOCATIONS
10. BUILDING SHALL BE EQUIPPED WITH AUTOMATIC SPRINKLER SYSTEM. SEE SPRINKLER DWG'S, A-500 THRU A-508, AND A-700 THRU A-701 FOR LOCATION
11. ALL EGRESS ENCLOSURES SHALL BE IMPACT RESISTANT
12. ALL COUNTERTOPS SHALL PROVIDE KNEE AND TOE CLEARANCE AS PER A117.1-2009 SEC. 606.2(306)
13. REFER TO A-200 THRU A-201 AND A-602 FOR WINDOW TYPES
14. ALL COUNTERTOPS: A PORTION OF THE COUNTER SURFACE 36" INCHES IN LENGTH AND 36" MAXIMUM IN HEIGHT ABOVE THE FINISHED FLOOR SHALL COMPLY WITH A117-1 - 2009 SEC 904.3.1

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
**AUFGANG.**
74 Lafayette Avenue
Suite 301
Suffern, NY 10901
845.368.0004
info@aufgang.com

Owner/Developer
**BRONX PARK GTAH II LLC:**
280 East 161st St.
Bronx, NY 10451

Structural Engineer
**DESIMONE ENGINEERING:**
140 Broadway
25th Floor
New York, NY 10005
212.532.2211

MEP Engineer
**EP ENGINEERING ASSOCIATES:**
110 William St.
32nd Floor
New York, NY 10038
646.779.0758

Civil Engineer
**PHILIP HABIB & ASSOCIATES:**
432 Park Ave. South
6th Floor
New York, NY 10016
212.929.5656


| DATE | SUBMISSIONS / REVISIONS |
|---|---|
| 10/17/2025 | ISSUED FOR 100% DD |
| 09/15/2025 | ISSUED TO DOB |
| 05/02/2025 | ISSUED FOR 50% DD |
| 11/08/2024 | ISSUED FOR 100% SD |

SHEET TITLE:

# TYPICAL 16TH - 26TH FLOOR PLANS

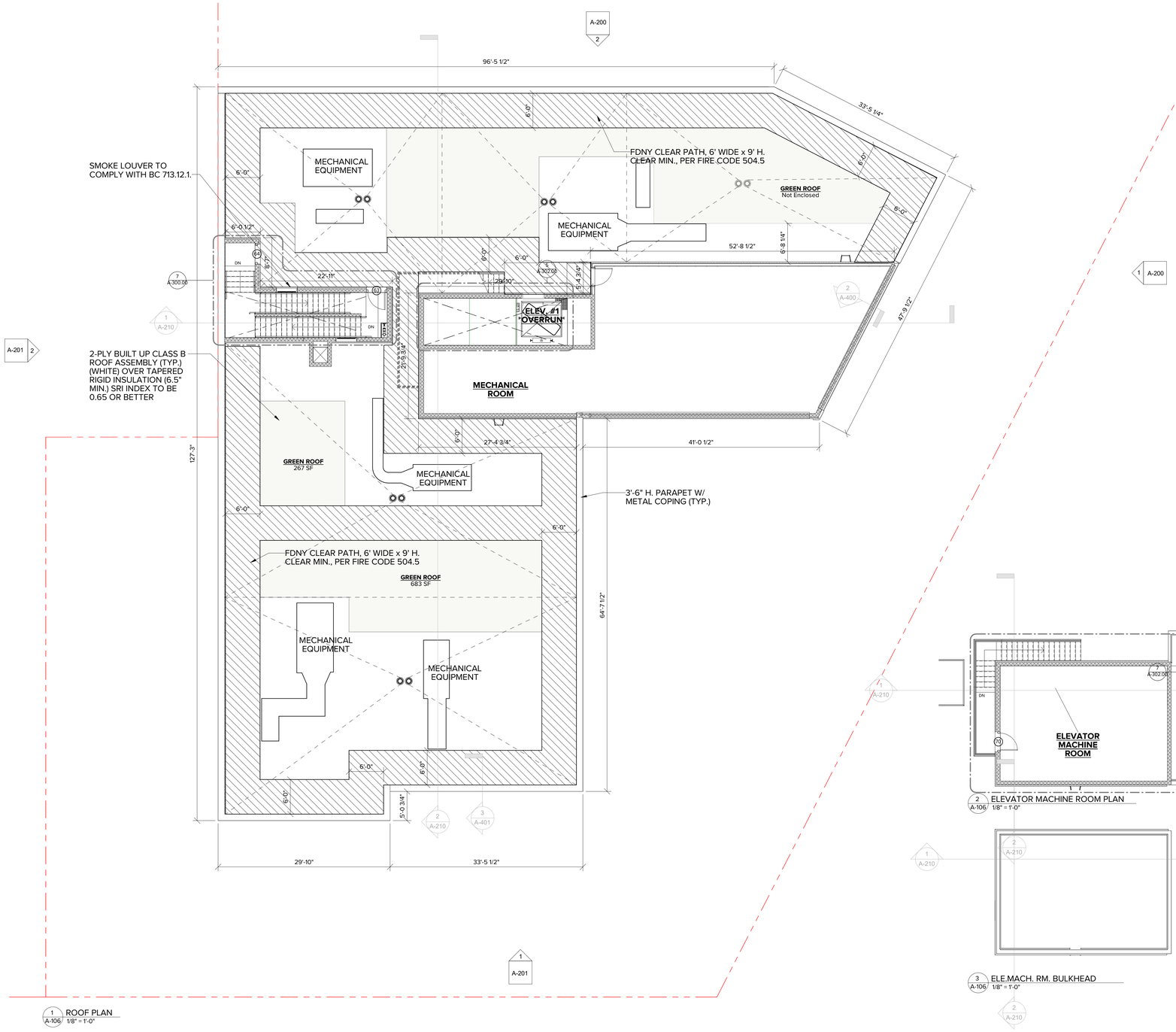

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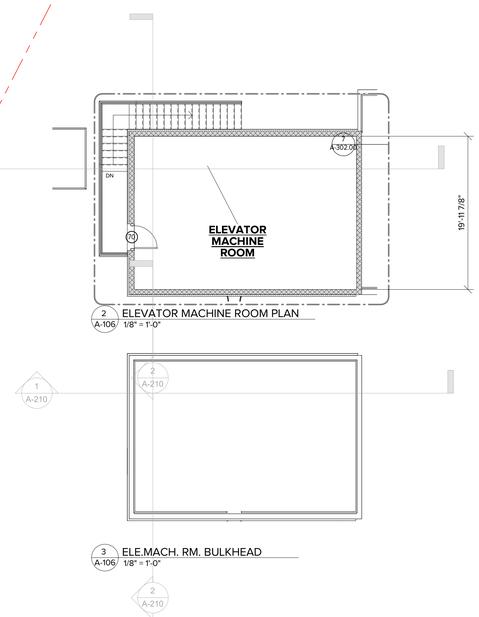

SEAL & SIGNATURE

ISSUE DATE: 05/03/23
PROJECT NO: ~~Project Number~~
DRAWN BY: Author
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NYC DOB NUMBER: X00945951-I1




| WALL TYPE LEGEND | |
|---|---|
| **NOTE: G.C. SHALL SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW INDICATING SIZE, GAUGE AND SPACING OF ALL METAL STUDS AND REQUIRED METAL BOXED HEADERS.** | |
| (0) NON RATED | |
| 0-1 | FURRING @ INTERIOR CIP/CMU - (1) LAYER 5/8" TYPE "X" GYP. BD. ON ONE SIDE OF 7/8" METAL FURRING CHANNEL 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE) |
| 0-2 | FURRING @ INTERIOR CIP/CMU - (1) LAYER 5/8" TYPE "X" GYP. BD. OVER 1-1/2" GALV. METAL FURRING OR Z CHANNEL 1-1/2" RIGID INSULATION (R 7.5) AT EXTERIOR CONCRETE/CMU WALLS. W.P. GYP. BD. AT TOILET AND WET AREAS. |
| 0-3 | FURRING @ INTERIOR CIP/CMU - (1) LAYER 5/8" TYPE "X" WATER RESISTANT GYP. BD. ON ONE SIDE OF 2-1/2"" METAL STUDS 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE) |
| 0-4 | FURRING @ EXTERIOR CIP/CMU - (1) LAYER 5/8" TYPE "X" WATER RESISTANT GYP. BD. ON ONE SIDE OF 3-5/8" METAL STUDS @ 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE) 3-1/2" BATT INSULATION AT EXTERIOR WALLS (R15) |
| 0-5 | <varies> |
| 0-6 | PARTITION @ PANEL - (1) LAYER 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 3-5/8" METAL STUDS @ 16" O.C. - W.P. GYP. BD. AND 1-1/2" SOUND ATTENUATION AT BATHROOM AND TOILET ROOMS. |
| 0-7 | VERTICAL PIPE CHASE WALL - (1) LAYER 5/8" TYPE "X" W.P. GYP. BD. ON ONE SIDE OF 1-5/8"" METAL STUDS 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE)-1-1/2" INSULATION AT COLD/HOT PIPES. |
| 0-8 | <varies> |
| | |
| (1) 1 HR RATED | |
| 1-1 | 1 HR RATED TENANT PARTITION - (1) LAYER OF 5/8" TYPE "X" GYP. BD.ON (1) SIDE, (2) LAYERS OF 5/8" TYPE "X" GYP. BD. ON OTHER SIDE OF 3-5/8" METAL STUDS @ 16" O.C. W/ 3-1/2" SOUND ATTENUATION INSULATION. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF FLOOR/DECK & SEAL TIGHT TO UNDERSIDE OF FLOOR DECK AND/OR ROOF DECK W/ CONT. FIRESTOP SEALANT. (GA FILE #WP-1052)(STC 50-54) |
| 1-2 | 1 HR RATED CHASE WALL PARTITION - (1) LAYER OF 5/8" TYPE "X" WATER RESISTANT GYP. BD. ON ONE SIDE OF 2-1/2" METAL STUDS @ 16" O.C. @ EACH SIDE OF CHASE. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF SLAB/PLANK. SEAL TIGHT W/ CONT. FIRESTOP SEALANT. SEAL ALL PENETRATIONS WITH FIRESAFING INSULATION & CONT. FIRESTOP SEALANT AS REQ. PROVIDE HORIZONTAL 2-1/2" METAL STUD BRACING @ 48" O.C. MAX (UL-#V442)(STC 50 MIN) |
| 1-3 | 1 HR RATED EXTERIOR WALL - (1) LAYER 5/8" TYPE "X" GYP. BD. ON INTERIOR SIDE, (1) LAYER 5/8" EXTERIOR GRADE GYP SHEATHING ON EXTERIOR SIDE OF 6" GAL METAL STUDS @ 16" O.C. 5 1/2" (UNFACED) BATT INSULATION (R-21) BETWEEN STUDS OVERLAP INSULATION TABS AT STUDS - (UL #U25) |
| SF-1 | STOREFRONT - FIXED PANE |
| SF-2 | STOREFRONT - FIXED PANE |
| SF-4 | STOREFRONT - FIXED PANE |
| SF-6 | STOREFRONT - FIXED PANE |
| SF-7 | STOREFRONT - FIXED PANE |
| SF-8 | STOREFRONT - FIXED PANE |
| SF-11 | STOREFRONT - FIXED PANE |
| SF-12 | STOREFRONT - DOOR + FIXED PANE |
| SF-14 | STOREFRONT - FIXED PANE |
| SF-15 | STOREFRONT - FIXED PANE |
| | |
| (2) 2HR RATED | |
| 2-1 | 2HR RATED CMU WALL- CMU (CLASS D-2) CONT. GALVANIZED HORIZONTAL TRUSS TYPE REINFORCING @ ALTERNATIVE BLOCK COURSES. SEAL TOP OF CONCRETE BLOCK WALL TIGHT TO UNDERSIDE OF FLOOR/ROOF ABOVE CONT. FIRESTOP SEALANT AND FIRESAFING INSULATION WHERE GAP EXISTS BETWEEN TOP OF WALL AND BOTTOM OF PLANK (UL#U906) |
| 2-2 | 2 HR RATED PARTITION - (2) LAYER OF 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 3-5/8" METAL STUDS @ 16" O.C. W/ 3-1/2" SOUND ATTENUATION INSULATION. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF FLOOR/DECK & SEAL TIGHT TO UNDERSIDE OF FLOOR DECK AND/OR ROOF DECK W/ CONT. FIRESTOP SEALANT. (GA FILE #WP-1522)(STC 55-59) |
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| 2-4 | 2 HR RATED CHASE WALL - (2) LAYERS OF 5/8" WATER RESISTANT GYP. BD. SHEATHING ON ONE SIDE OF 2-1/2" METAL STUDS @ 16" O.C. @ EACH SIDE OF CHASE. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF SLAB. SEAL TIGHT W/ CONT. FIRESTOP SEALANT. SEAL ALL PENETRATIONS WITH FIRESAFING INSULATION & CONT. FIRESTOP SEALANT AS REQ. PROVIDE HORIZONTAL 2-1/2" METAL STUD BRACING @ 48" O.C. MAX (UL-#V442)(STC 50 MIN) |
| 2-5 | 2 HR SHAFT WALL (4") - (2) LAYERS OF 5/8" TYPE "X" GYP BD ON ONE SIDE OF 2-1/2" METAL C-H STUDS @ 16" O.C. W/ (1) LAYER OF 1" TYPE "X" GYP LINER PANEL ON SHFT SIDE W/ 1" MINERAL FIBER INSULATION IN CAVITY. - SEAL TOP OF WALL TO CONC/PLANK (FIRE TEST UL U514 / STC 45-49) |
| 2-6 | 2 HR SHAFT WALL (5") - (2) LAYERS OF 5/8" TYPE "X" GYP BD ON ONE SIDE OF 4" METAL C-H STUDS @ 16" O.C. W/ (1) LAYER OF 1" TYPE "X" GYP LINER PANEL ON SHFT SIDE W/ 1" MINERAL FIBER INSULATION IN CAVITY. - SEAL TOP OF WALL TO CONC/PLANK (FIRE TEST UL U514 / STC 45-49) |
| 2-7 | 2 HR SHAFT WALL - MASONARY EQUIVALENT - (1) LAYER OF 5/8" FIBER REINFORCED CEMENT BD. (ASTM C 1629-0 IMPACT CLASSIFICATION LEVEL 2) OVER 5/8" TYPE "X" GYP. BD. (STAGGERED JOINTS) OVER THE EXTERIOR SIDE OF 4" C-H 3 MILL (20GA) METAL STUDS 16" O.C. W/ 1" LINER BD. (ASTM C 1629-0 LEVEL 3) INSERTED IN H PORTION OF STUDS. TYPE "AR" FIRE CODE PANELS - WP AT WET AREA. SECURE PANELS WITH NO 8 SELF DRILLING BUGLE HEAD SCREWS 12" O.C.. SECURE TOP AND BOTTOM RUNNERS TO STRUCTURE. ASSEMBLY TEST ASTM 1629-0 LEVEL 2. FIRE TEST UL U415 SYSTEM E OR F / STC 45-49 W/1" MINERAL FIBER INSULATION IN CAVITY |
| | |
| (3) 3HR RATED | |
| 3-1 | 2HR RATED CMU WALL CMU (CLASS C-3) CONT. GALVANIZED HORIZONTAL TRUSS TYPE REINFORCING @ ALTERNATIVE BLOCK COURSES. SEAL TOP OF CONCRETE BLOCK WALL TIGHT TO UNDERSIDE OF FLOOR/ROOF ABOVE CONT. FIRESTOP SEALANT AND FIRESAFING INSULATION WHERE GAP EXISTS BETWEEN TOP OF WALL AND BOTTOM OF SLAB (UL#U907) |
| 3-2 | 3 HR RATED CMU WALL PARTITION (1) LAYER OF 1/2" TYPE "X" GYPSUM BOARD OVER 7/8" METAL HAT CHANNELS @ 24" O.C. OVER 2 HR RATED CMU (CLASS D-2)/ CIP. SEAL TOP OF WALL TIGHT TO UNDERSIDE OF SLAB ABOVE W/ CONT. FIRESTOP SEALANT AND FIRESAFING INSULATION WHERE A GAP EXISTS BETWEEN TOP OF WALL AND BOTTOM OF SLAB (UL#U914) (PROVIDE STC RATING OF 50-54 @ COMPACTOR CHUTE ENCLOSURE ADJACENT TO DWELLING UNITS.) |
| 3-3 | 3HR RATED PARTITION WALL (3) LAYER OF 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 2-1/2" METAL STUDS @ 16" O.C. W/ 1-1/2" SOUND ATTENUATION INSULATION. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF FLOOR/DECK & SEAL TIGHT TO UNDERSIDE OF FLOOR DECK AND/OR ROOF DECK W/ CONT. FIRESTOP SEALANT. |

LEGEND:

- CONCRETE WALL & COLUMN - SEE STRUCTURAL DWG'S.
- CONCRETE BLOCK WALL (CMU) - SEE PLANS FOR SIZE
- MASONRY VENEER W/ RIGID INSULATION
- EIFS FINISH
- METAL PANEL FINISH
- GYPSUM BOARD PARTITION (GYP BD.) - SEE PLAN FOR SIZE
- FIRE RATED SHAFT WALL
- DOOR & FRAME - SEE DOOR SCHEDULE
- PARTITION - SEE WALL TYPE LEGEND
- WINDOW - SEE WINDOW SCHEDULE
- EXIT LIGHT & SIGN
- SMOKE / CARBON MONOXIDE DETECTOR
- SMOKE DETECTOR
- APARTMENT DESIGNATION (#FLOOR) XX (APARTMENT NUMBER)
- TYPE-B1 / 1BR / 525 SF — MIH- INCLUSIONARY/SUPPORTIVE UNIT; MI- MOBILITY UNIT; HVI - HEARING/ VISUAL UNIT; APARTMENT TYPE
- ELEVATOR FIREMEN ACCESS
- COLUMN IDENTIFICATION SYMBOL
- CMU SIZE
- FIRE RATING
- "T" FLOOR TURNING SPACE
- 5-0" DIAMETER CLEAR FLOOR TURNING SPACE
- 30" X 48" CLEAR FLOOR SPACE
- REMOVABLE KITCHEN BASE CABINET. 2'-6" WIDE X 2'-0" DEEP
- REFLECTED CEILING
- ELECTRIC HOUSE PANEL - SEE ELEC. DWGS.

GENERAL NOTES:

1. ALL PLAN DIMENSIONS ARE TAKEN FINISH TO FINISH (U.O.N.)
2. FOR KITCHEN AND TOILET ELEVATIONS SEE DWG'S A-510, A-511, A-512, A-513, A-514, A-515, A-516, A-517 & A-518
3. G.C. SHALL COORDINATE SIZE & LOCATION OF ALL HVAC OPENINGS IN PLANK/ SLAB/ DECKING WITH MECHANICAL DWGS.
4. G.C. SHALL COORDINATE SIZE AND LOCATION OF ALL MASONRY OPENINGS AT ELEVATOR ENTRANCES WITH ELEVATOR VENDOR
5. BOTTOM OF DROPPED ARCH SHALL BE 6'-6" MIN A.F.F.
6. FOR ELECTRICAL OUTLETS, REFER TO LATEST ELEC. CODE FOR ALL REQUIREMENTS INCLUDING HEIGHT, SPACING, ETC.
7. ALL STUDIOS AND/OR KITCHENETTES SHALL BE EQUIPPED WITH MECHANICAL VENTILATION. REFER TO ENLARGED UNIT PLANS AND MECHANICAL DWG'S FOR LOCATION
8. ALL BATHROOMS SHALL BE EQUIPPED WITH MECHANICAL VENTILATION. SEE TO MECHANICAL DWG'S
9. VISUAL SIGNALING DEVICE/ STROBE LIGHT SHALL BE PLACED IN ALL H.V.I UNITS. SEE ELEC. DWG'S FOR LOCATIONS
10. BUILDING SHALL BE EQUIPPED WITH AUTOMATIC SPRINKLER SYSTEM. SEE SPRINKLER DWG'S, A-500 THRU A-508, AND A-700 THRU A-701 FOR LOCATION
11. ALL EGRESS ENCLOSURES SHALL BE IMPACT RESISTANT
12. ALL COUNTERTOPS SHALL PROVIDE KNEE AND TOE CLEARANCE AS PER A117.1-2009 SEC. 606.2(306)
13. REFER TO A-200 THRU A-201 AND A-602 FOR WINDOW TYPES
14. ALL COUNTERTOPS: A PORTION OF THE COUNTER SURFACE 36" INCHES IN LENGTH AND 36" MAXIMUM IN HEIGHT ABOVE THE FINISHED FLOOR SHALL COMPLY WITH A117-1 - 2009 SEC 904.3.1

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
**AUFGANG.**
74 Lafayette Avenue
Suite 301
Suffern, NY 10901
845.368.0004
info@aufgang.com

Owner/Developer
**BRONX PARK GTAH II LLC:**
280 East 161st St.
Bronx, NY 10451

Structural Engineer
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New York, NY 10005
212.532.2211

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Civil Engineer
**PHILIP HABIB & ASSOCIATES:**
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6th Floor
New York, NY 10016
212.929.5656


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## ROOF PLAN


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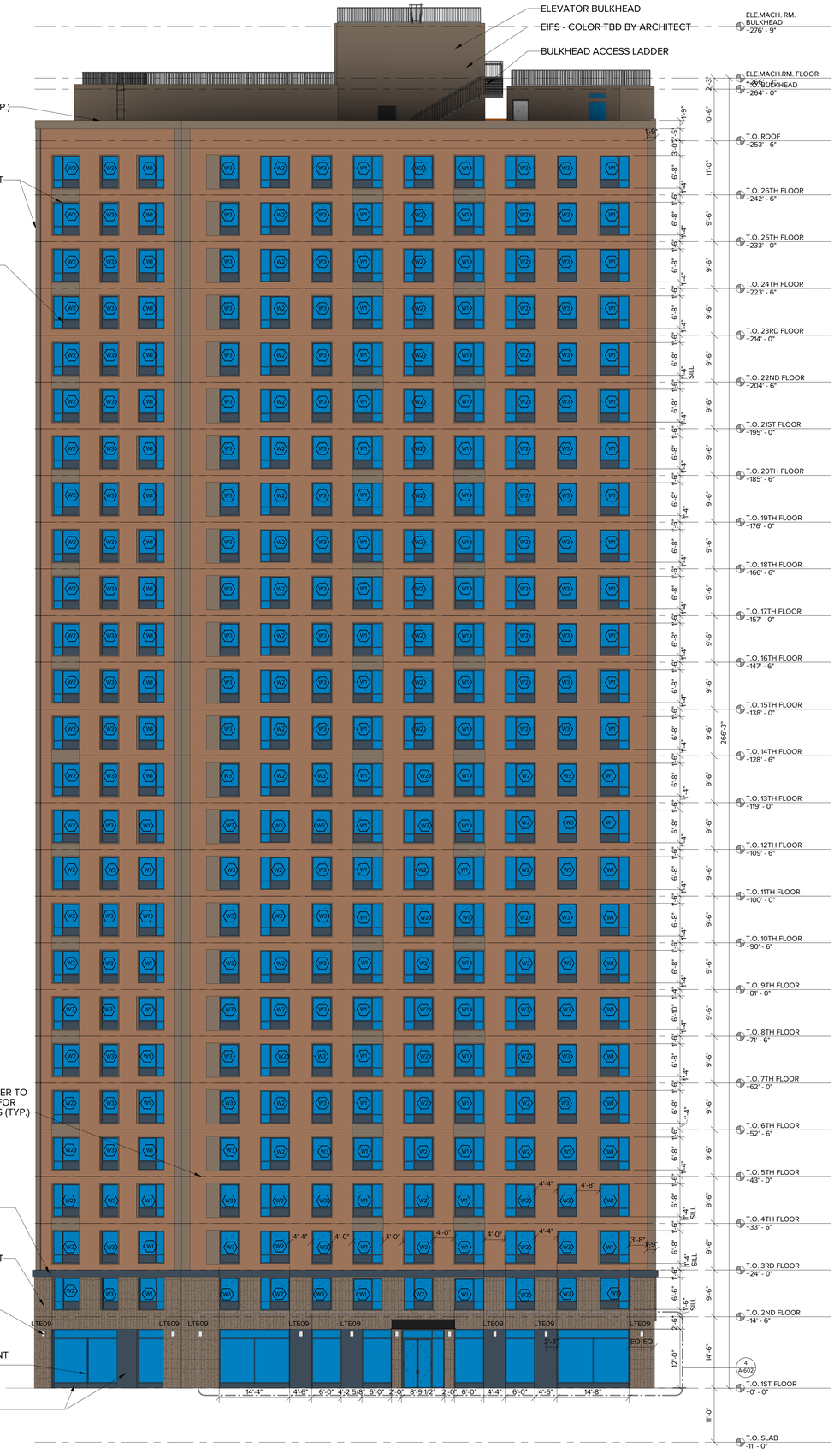

SEAL & SIGNATURE

ISSUE DATE: 05/03/23
PROJECT NO: Project Number
DRAWN BY: Author
CHECKED BY: Checker
SCALE: 1/8" = 1'-0"
SHEET NO: OF
DRAWING NO: A-106.00

NYC DOB NUMBER: X00945951-I1




1 EAST ELEVATION
A-200 3/32" = 1'-0"




2 NORTH ELEVATION
A-200 3/32" = 1'-0"

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# 310 E. 161ST ST EAST TOWER

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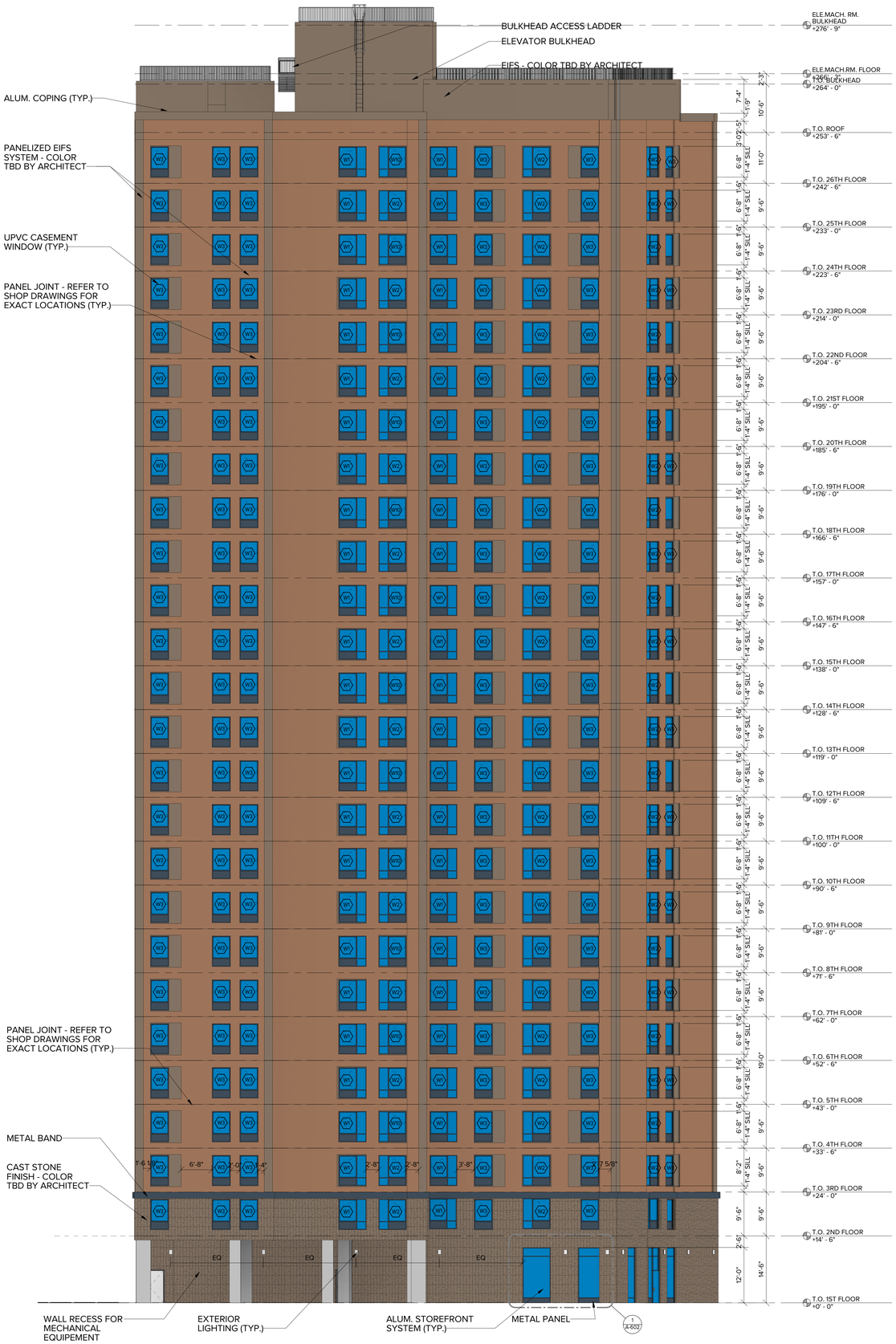
## NORTH & EAST ELEVATIONS


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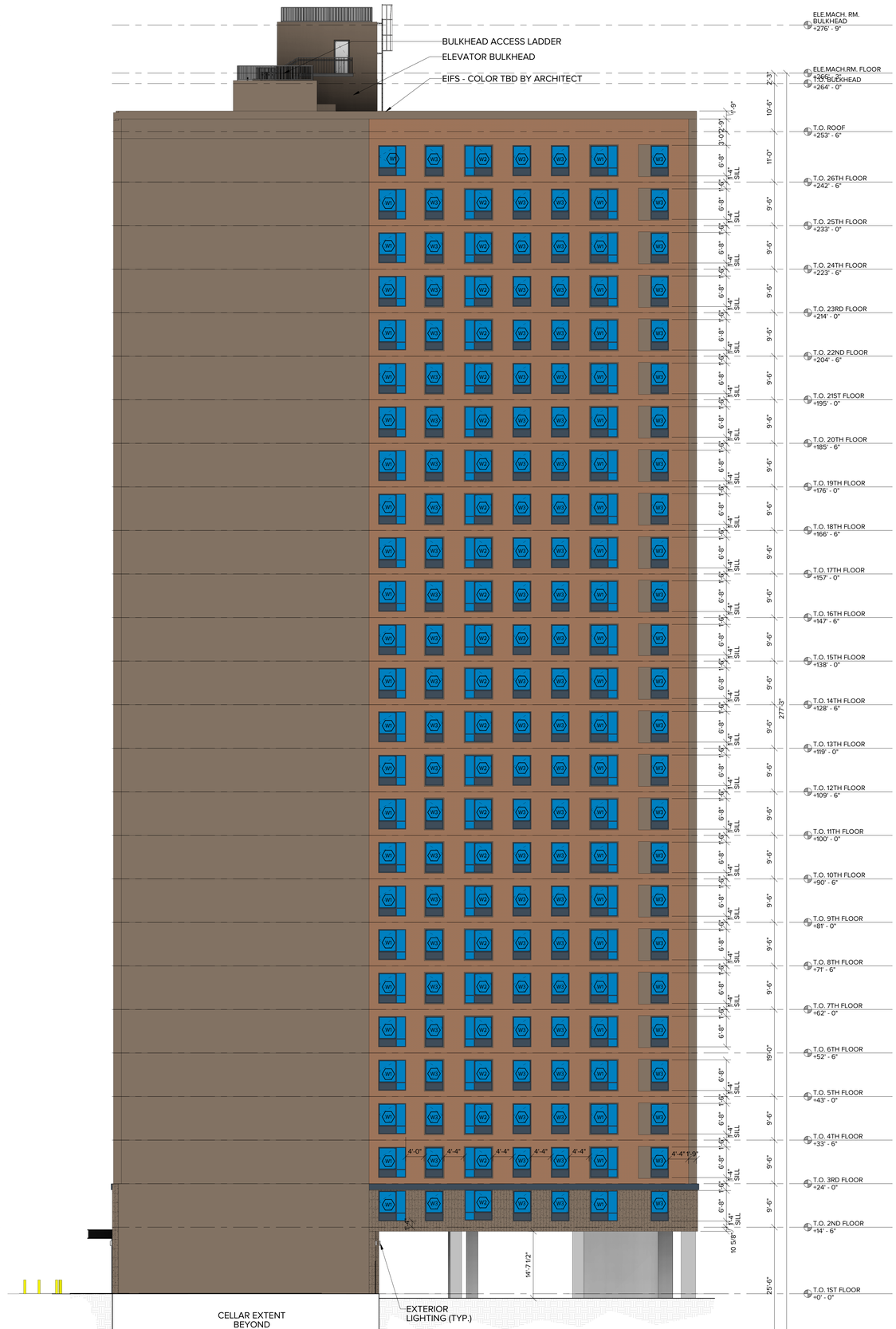

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ISSUE DATE: 07/27/22
PROJECT NO: Project Number
DRAWN BY: Author
CHECKED BY: Checker
SCALE: 3/32" = 1'-0"
SHEET NO: OF
DRAWING NO: A-200.00

NYC DOB NUMBER: X00945951-I1




1 A-201 SOUTH ELEVATION
3/32" = 1'-0"




2 A-201 WEST ELEVATION
3/32" = 1'-0"

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
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## SOUTH & WEST ELEVATIONS


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SCALE: 3/32" = 1'-0"
SHEET NO: OF

DRAWING NO:

# A-201.00

NYC DOB NUMBER: X00945951-I1



PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
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## Renderings

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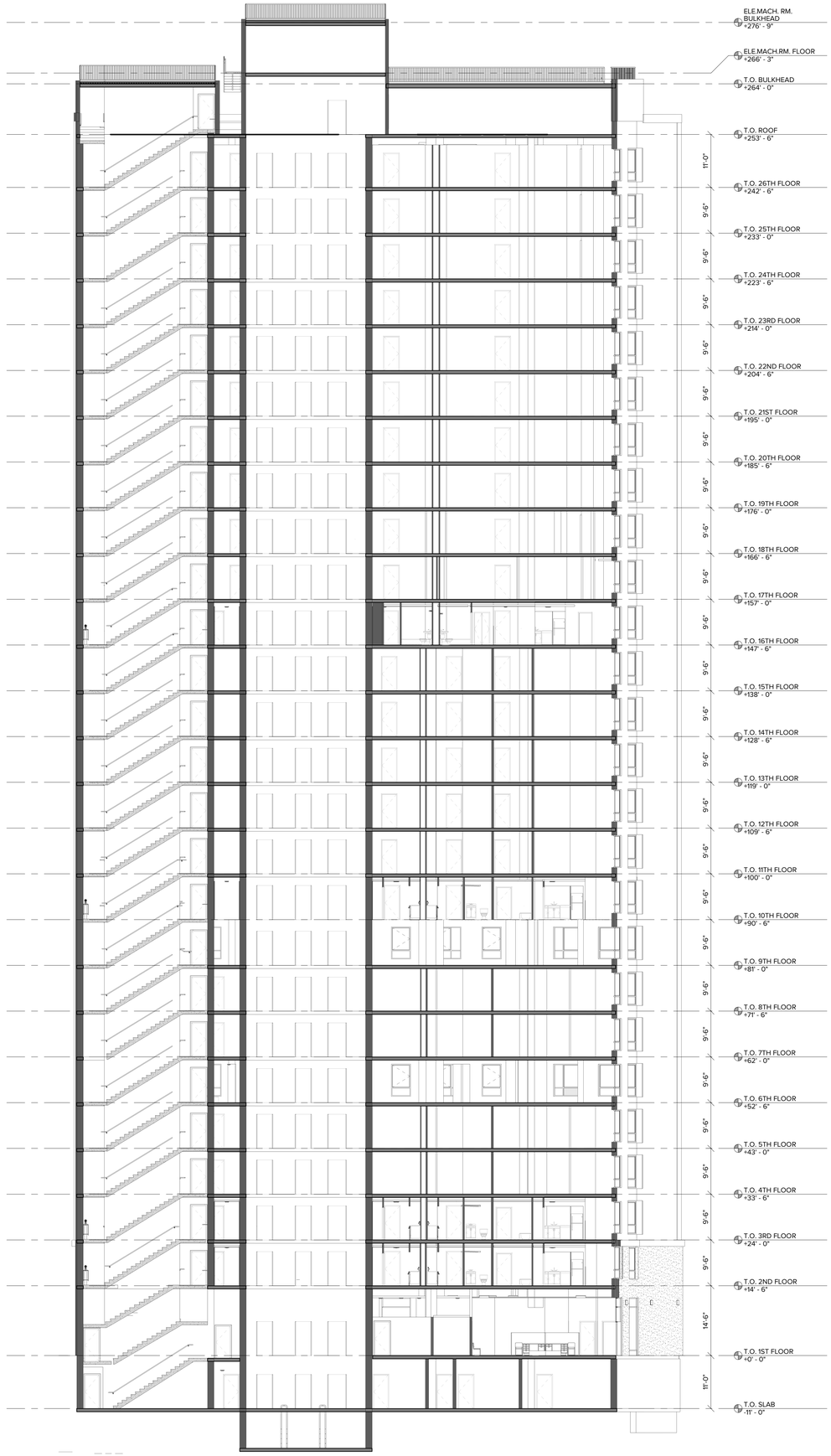
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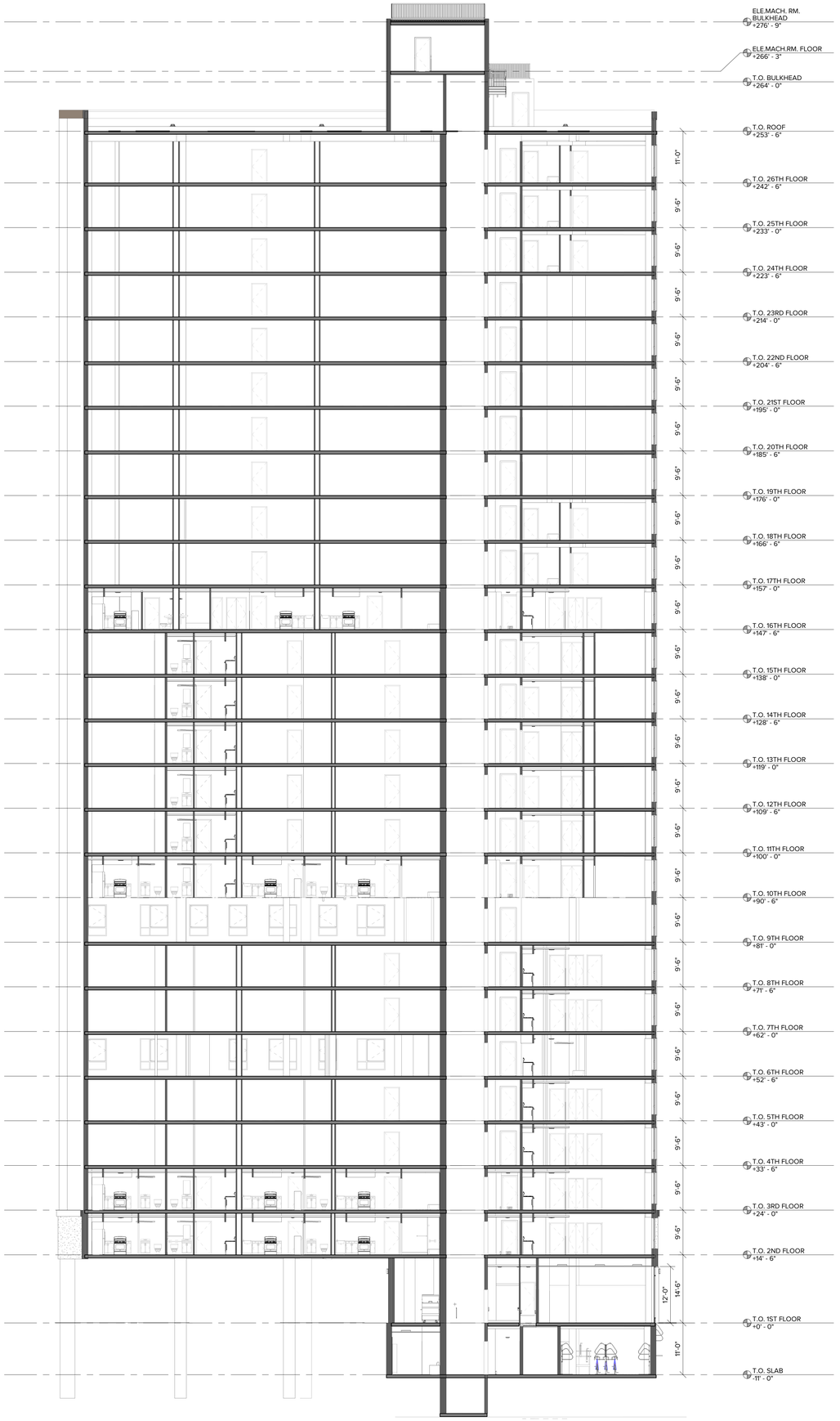
SHEET NO: OF

DRAWING NO: A-202.00

NYC DOB NUMBER: X00945951-I1




1 A-210 CROSS SECTION 1
3/32" = 1'-0"




2 A-210 CROSS SECTION 2
3/32" = 1'-0"

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150

Architect:
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74 Lafayette Avenue
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## BUILDING SECTION A-A

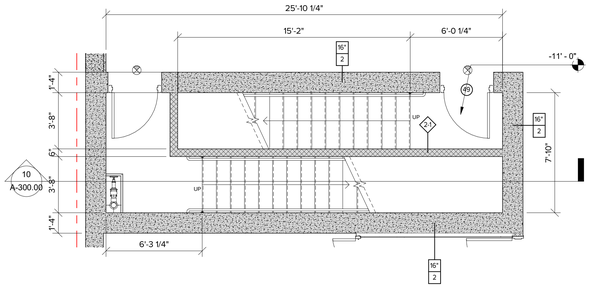
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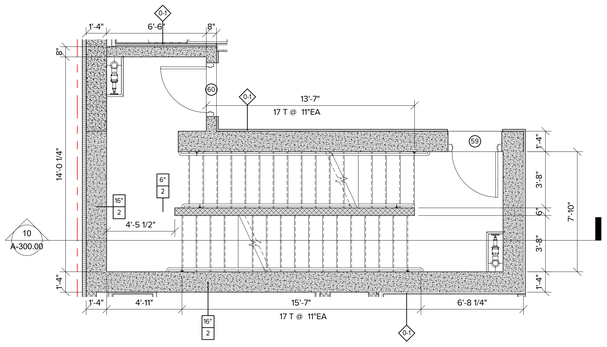
ISSUE DATE: 05/08/23
PROJECT NO: Project Number
DRAWN BY: Author
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SCALE: 3/32" = 1'-0"
SHEET NO: OF

DRAWING NO: A-210.00

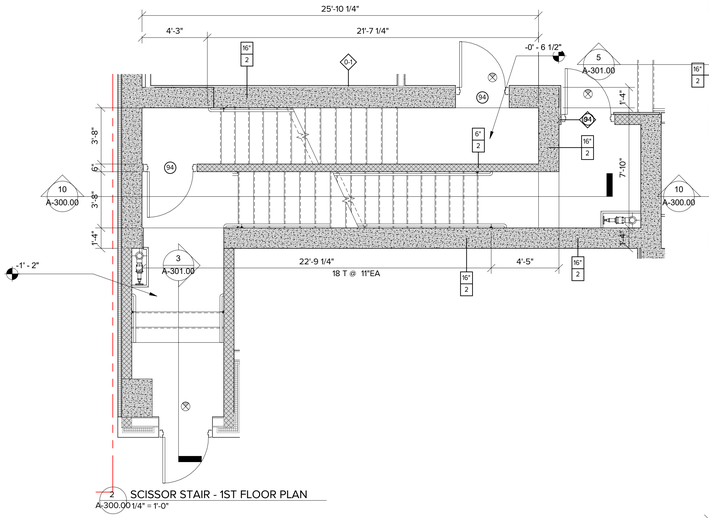
NYC DOB NUMBER: X00945951-I1



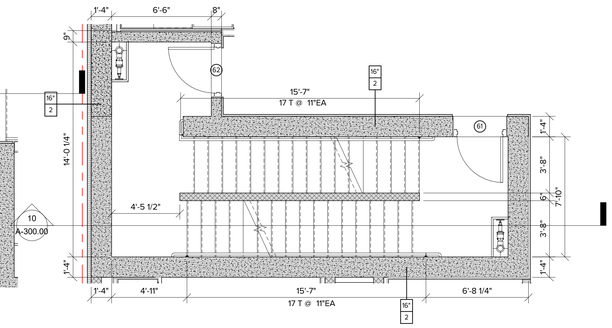

1 SCISSOR STAIR - CELLAR PLAN
A-300.00 1/4" = 1'-0"




5 SCISSOR STAIR - 10TH TO 16TH FLOOR PLAN
A-300.00 1/4" = 1'-0"



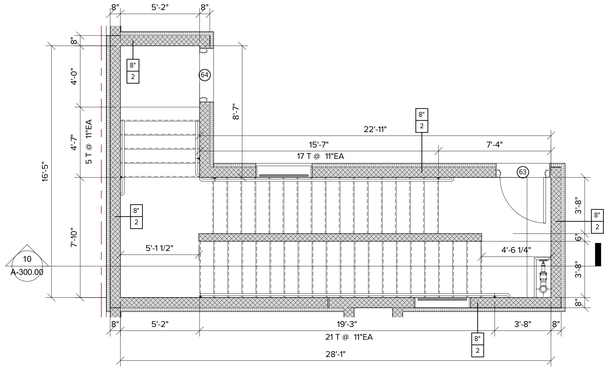

2 SCISSOR STAIR - 1ST FLOOR PLAN
A-300.00 1/4" = 1'-0"



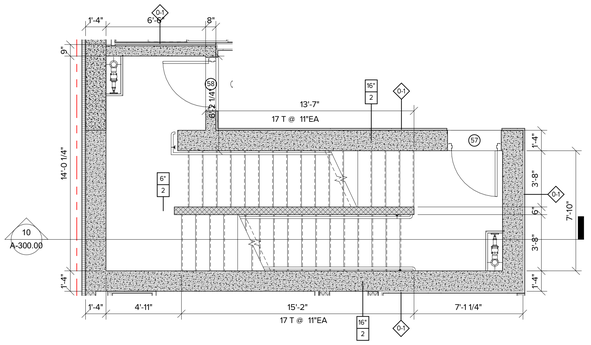

6 SCISSOR STAIR - 16TH TO 26TH FLOOR PLAN
A-300.00 1/4" = 1'-0"




3 SCISSOR STAIR - 2ND FLOOR PLAN
A-300.00 1/4" = 1'-0"

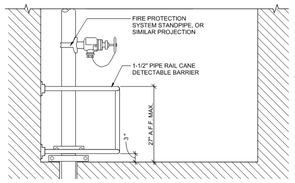



7 SCISSOR STAIR - ROOF PLAN
A-300.00 1/4" = 1'-0"

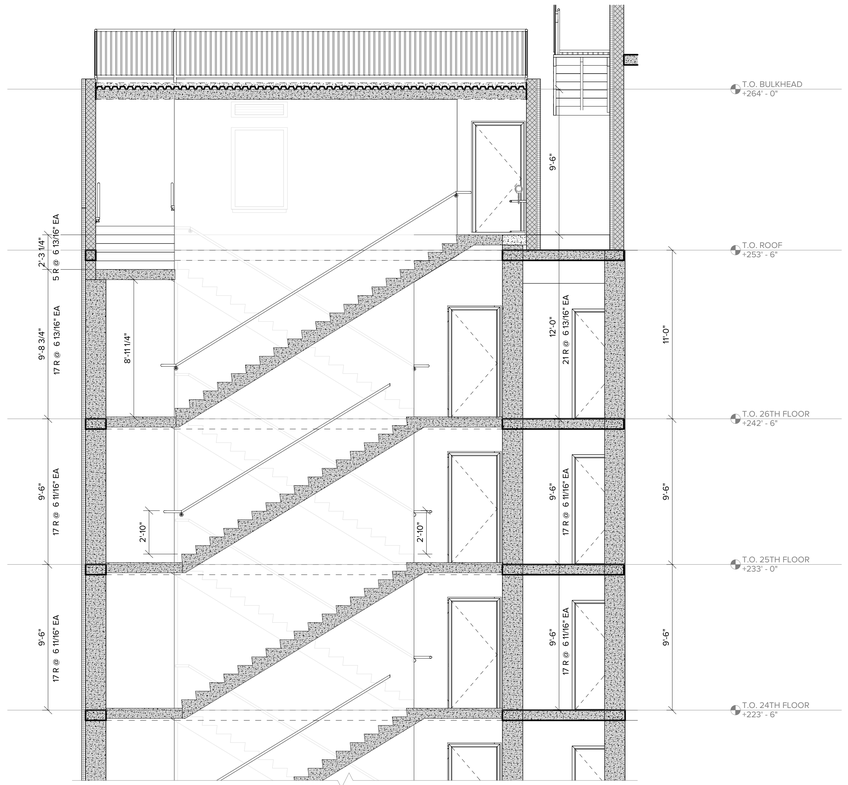


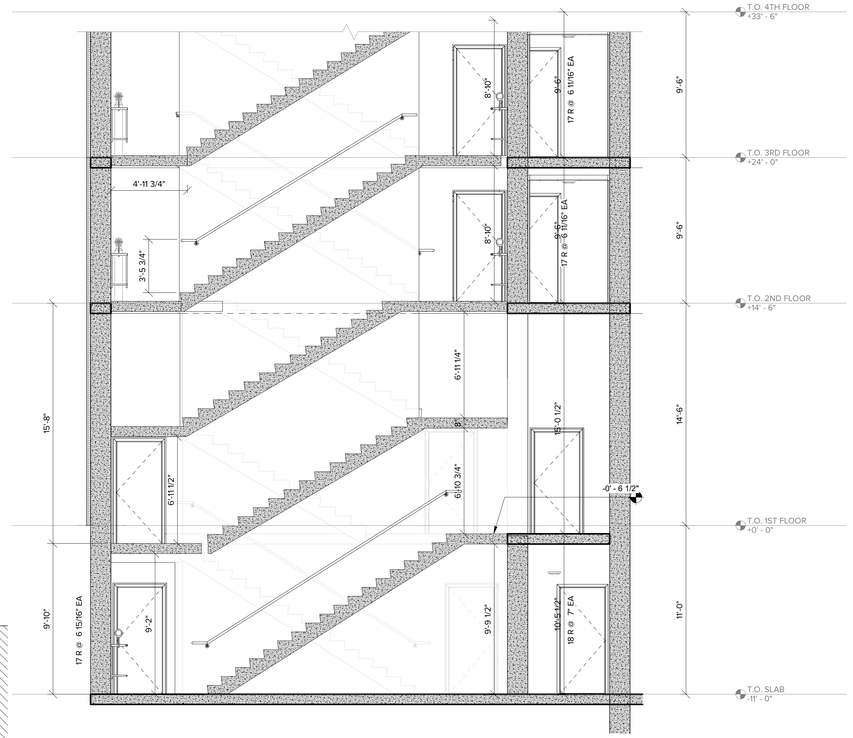

4 SCISSOR STAIR - 3RD TO 9TH FLOOR PLAN
A-300.00 1/4" = 1'-0"

STAIR NOTES:
- GC TO VERIFY TOP OF STAIR LANDING ELEVATION WITH TOP OF FINISHED FLOOR ON THE PUBLIC CORRIDOR SIDE. MAX DIFFERENCE IN ELEVATION BETWEEN TOP OF LANDING AND TOP OF FINISHED FLOOR ON THE PUBLIC CORRIDORS SIDE SHALL BE 1/4"
- PROVIDE SELF-LUMINOUS ERESS PATH MARKING PAINT ON STEPS AND LANDINGS: A SOLID AND CONTINUOUS STRIPE SHALL BE APPLIED TO THE HORIZONTAL LEADING EDGE OF EACH STEP AND SHALL EXTEND FOR THE FULL LENGTH OF THE STEP. OUTLINING STRIPES SHALL HAVE A MINIMUM HORIZONTAL WIDTH OF 1 INCH AND MAXIMUM WIDTH OF 2 INCHES. THE LEADING EDGE OF THE STRIPE SHALL BE PLACED AT A MAXIMUM OF 1/2 INCH FROM THE LEADING EDGE OF STEP AND THE STRIPE SHALL OVERLAP THE LEADING EDGE OF THE STEP BY NOT MORE THAN 1/2 INCH DOWN TO VERTICAL FACE OF THE STEP. ON LANDINGS THE LEADING EDGE SHALL BE MARKED WITH A STRIPE CONSISTENT WITH THE DIMENSIONAL REQUIREMENTS FOR STEPS
- ALL STEEL TO SUPPORT THE STAIR PLATFORM TO BE PAINTED




NOTE:
IN COMPLIANCE WITH ANSI A117.1 SECTION 307.2, A CANE DETCTETABLE BARRIER SHALL BE PROVIDED FOR OBJECTS WITH LEADING EDGES MORE THAN 27" AND LESS THAN 80" A.F.FD AND PROTRUDING MORE THAN 4" HORIZONTALLY INTO THE CIRCULATION PATH.




10 SCISSOR STAIR SECTION
A-300.00 1/4" = 1'-0"

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


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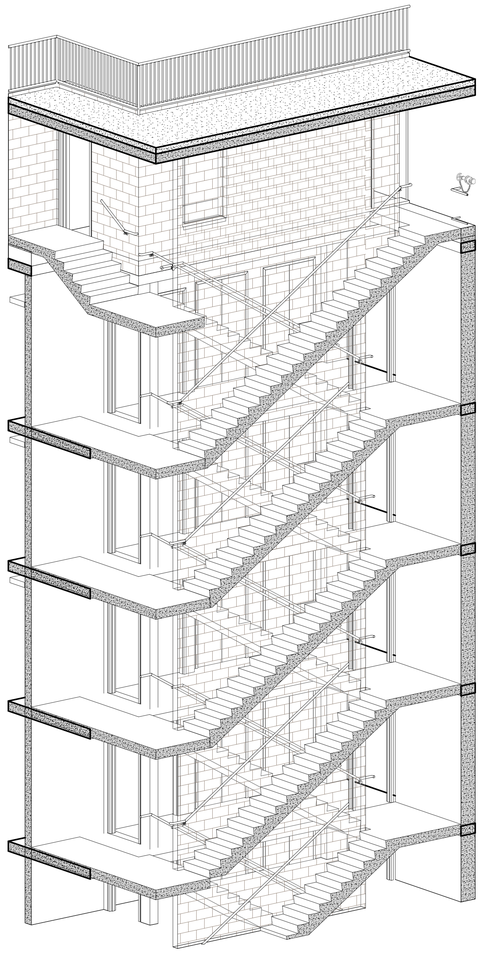
## STAIR - FLOOR PLANS AND SECTION


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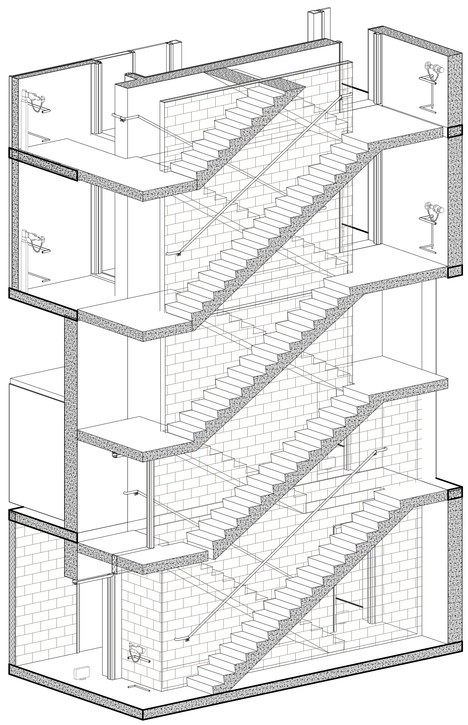

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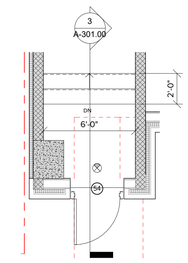
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DRAWING NO: A-300.00

NYC DOB NUMBER: X00945951-I1

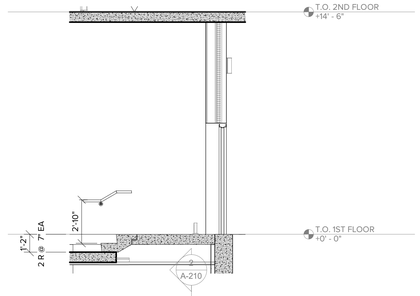


1 SCISSOR STAIR - AXONOMETRIC
A-301.00

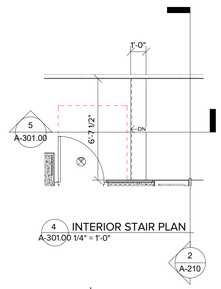




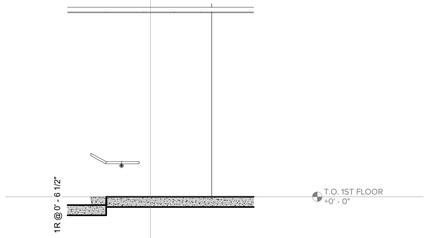

2 STAIR @ EXIT - PLAN
A-301.00 1/4" = 1'-0"



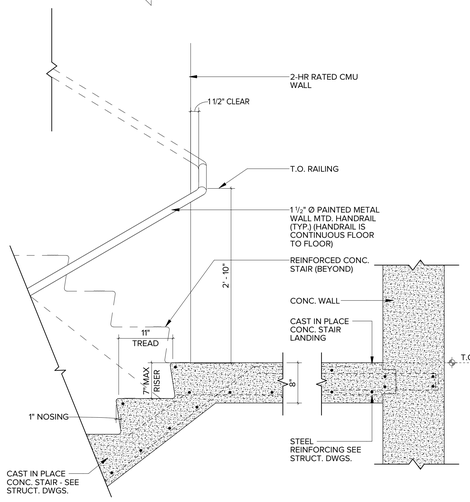

3 STAIR @ EXIT - SECTION
A-301.00 1/4" = 1'-0"



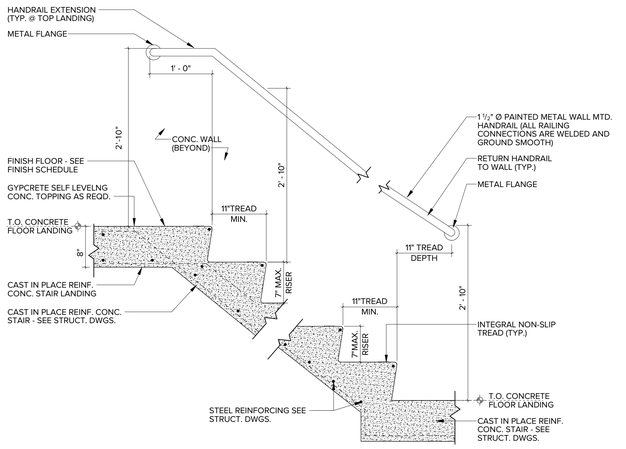

4 INTERIOR STAIR PLAN
A-301.00 1/4" = 1'-0"



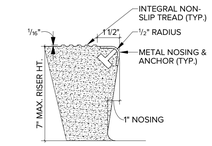

5 INTERIOR STAIR SECTION
A-301.00 1/4" = 1'-0"



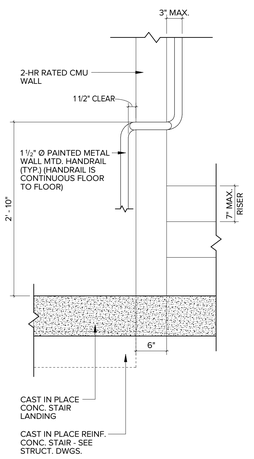

6 CONCRETE STAIRS TYPICAL SECTION AT INTERMEDIATE LANDINGS
A-301.00 1" = 1'-0"



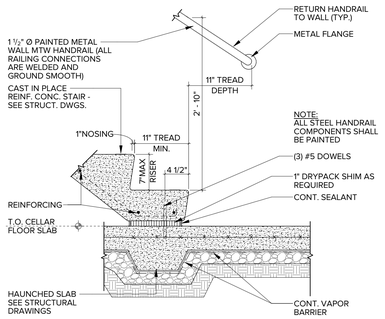

7 CONCRETE STAIRS TYPICAL TOP AND BOTTOM STAIR LANDINGS
A-301.00 1" = 1'-0"



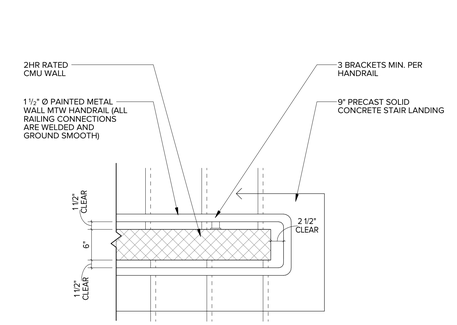

10 TYPICAL STAIR NOSING DETAIL
A-301.00 3" = 1'-0"




8 STAIR DETAIL @ INTERMEDIATE LANDING
A-301.00 1" = 1'-0"




22 CONCRETE STAIRS - SLAB ON GRADE STAIR LANDING
A-301.00 1" = 1'-0"




9 STAIR RAILING - PLAN AT LANDINGS
A-301.00 1" = 1'-0"

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
**AUFGANG.**
74 Lafayette Avenue
Suite 301
Suffern, NY 10901
845.368.0004
info@aufgang.com

Owner/Developer
**BRONX PARK GTAH II LLC:**
280 East 161st St.
Bronx, NY 10451

Structural Engineer
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New York, NY 10005
212.532.2211

MEP Engineer
**EP ENGINEERING ASSOCIATES:**
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32nd Floor
New York, NY 10038
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Civil Engineer
**PHILIP HABIB & ASSOCIATES:**
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6th Floor
New York, NY 10016
212.929.5656


| DATE | SUBMISSIONS / REVISIONS |
|---|---|
| 10/17/2025 | ISSUED FOR 100% DD |
| 09/15/2025 | ISSUED TO DOB |
| 05/02/2025 | ISSUED FOR 50% DD |
| 11/08/2024 | ISSUED FOR 100% SD |

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## STAIR - FLOOR PLANS AND SECTIONS


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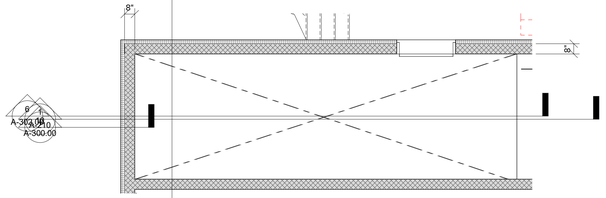

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PROJECT NO: Project Number
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CHECKED BY: Checker
SCALE: As indicated
SHEET NO: OF

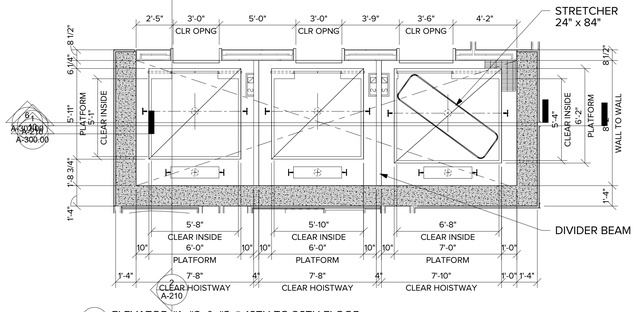
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# A-301.00

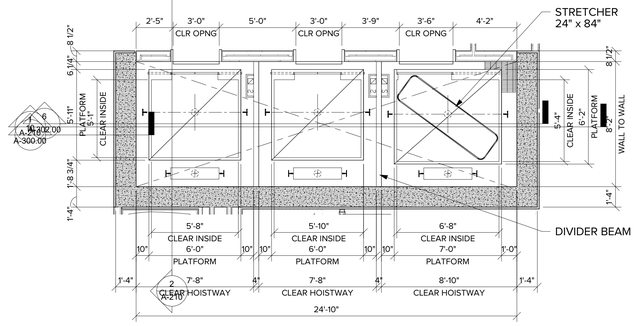
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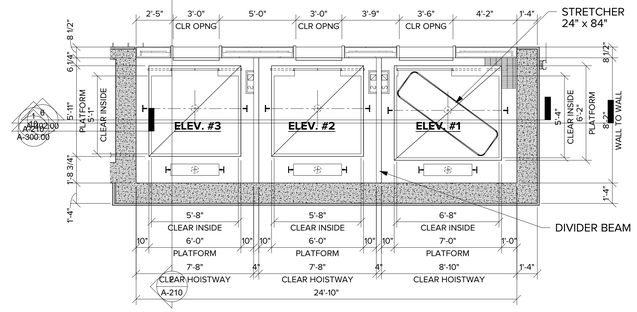

5 ELEVATOR #1, #2, & #3 @ ROOF FLOOR
A-302.00 1/4" = 1'-0"




4 ELEVATOR #1, #2, & #3 @ 16TH TO 26TH FLOOR
A-302.00 1/4" = 1'-0"




3 ELEVATOR #1, #2, & #3 @ 3RD TO 9TH FLOOR
A-302.00 1/4" = 1'-0"




2 ELEVATOR #1, #2, & #3 @ 1ST FLOOR
A-302.00 1/4" = 1'-0"




1 ELEVATOR #1, #2, & #3 @ PIT DEPTH
A-302.00 1/4" = 1'-0"




6 ELEVATOR #1, #2, & #3 SECTION
A-302.00 1/4" = 1'-0"

## ENERGY CODE SECT. C405.9.1 ELEVATOR CABS

ELEVATOR MUST MEET STANDARDS AS INDICATED IN THIS SECTION:

1. FOR THE LUMINARIES IN EACH ELEVATOR CAB, NOT INCLUDING SIGNALS AND DISPLAYS, THE SUM OF THE LUMENS DIVIDED BY THE SUM OF THE WATTS SHALL BE NOT LESS THAN 35 LUMENS PER WATT.
2. VENTILATION FANS IN ELEVATORS THAT DO NOT HAVE THEIR OWN AIR-CONDITIONING SYSTEM SHALL NOT CONSUME MORE THAN 0.33 WATTS/ CFM AT THE MAXIMUM RATED SPEED OF THE FAN.
3. CONTROLS SHALL BE PROVIDED THAT WILL DE-ENERGIZE VENTILATION FANS AND LIGHTING SYSTEMS WHEN THE ELEVATOR IS STOPPED, UNOCCUPIED AND WITH ITS DOORS CLOSED FOR OVER 15 MINUTES.

GENERAL NOTES:

1. ELEVATOR ENCLOSURE ARE COMPLIANT WITH B.C. 43.2.3
2. HOIST WAY ENCLOSURE LIGHTING PROVIDED AS PER B.C. 30007.7
3. FLOOR DRAINS SHALL BE PROVIDED AT ALL ELEVATOR LOBBIES TO COMPLY WITH B.C. 3007.3 - SEE PLUMBING DWG'S
4. ELEVATORS ARE COMPLAINT WITH ICC A 117.1-2009 FOR MINIMUM INTERIOR DIMENSIONS AND PROVIDE APPROPRIATE CLEARANCE TO ACCOMMODATE A 24"X84" AMBULANCE STRETCHER IN THE OPEN POSITIONS AS PER NYC B.C. 3002.4.2
5. ELEVATOR CAB FLOOR AND CEILING FINISHES SHALL BE DURABLE AND WEAR RESISTANT.
6. ELEVATOR CABSHALL BE EQUIPPED WITH STAINLESS STEEL HANDRAILS AND SHATTERPROOF MIRROR IN COMPLIANCE WITH THE HCR DESIGN GUIDELINES - ACCESSIBILITY / VISIBILITY CRITERIA (BUILDING)

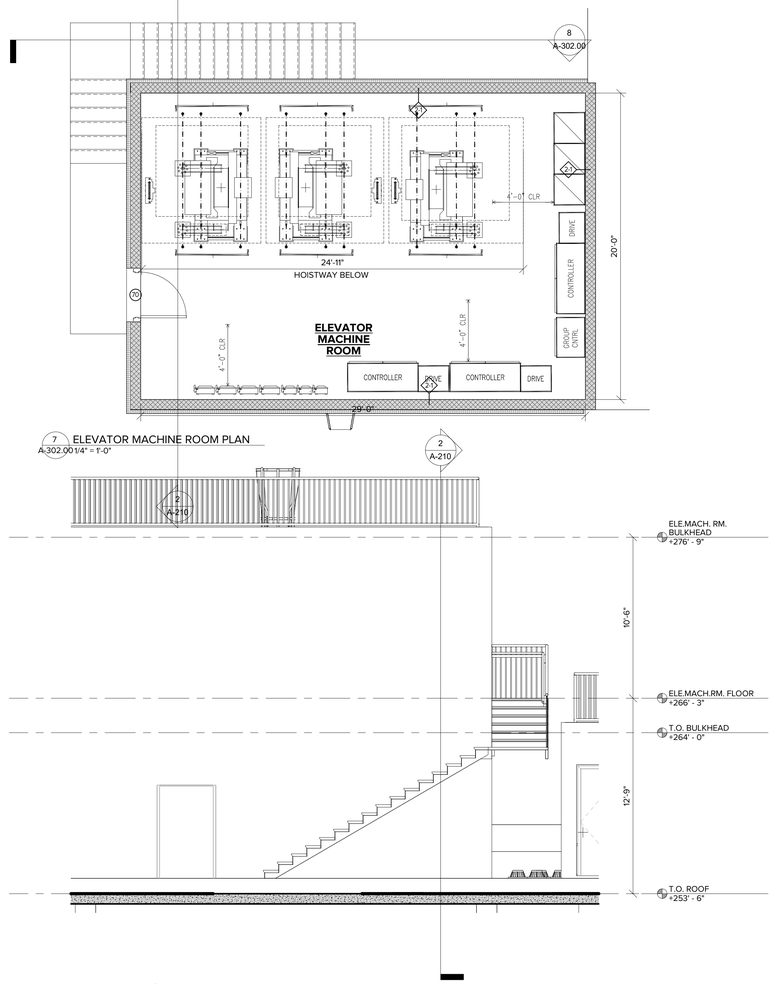
## ELEVATOR BASIS OF DESIGN

- 3500 LBS CAPACITY
- 200 FPM SPEED
- 9'-2"W X 6'-4"D (SEISMIC INCLUDED)
- 8'-0" CLEAR INSIDE CAB HT
- 3'-6" DOOR WIDTH
- 12'-8" MIN OVERHEAD
- 5'-0" PIT DEPTH
- 3-10"W (MIN.) X 6'-4"D X 7'-6" HT CLR MIN. MACHINE ROOM

## ELEVATOR FINISH SCHEDULE

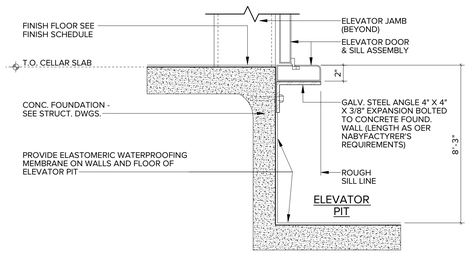
| CAR | FLOORING | BASE | WALLS | CEILING |
|---|---|---|---|---|
| | 1 1/4" TILE | BRUSHED STAINLESS STEEL | PANEL FINISH | BRUSHED STEEL FINISH |

NOTE: CAR HANDRAIL TO BE BRUSHED STAINLESS STEEL FINISH




7 ELEVATOR MACHINE ROOM PLAN
A-302.00 1/4" = 1'-0"

8 EMR EXTERIOR STAIR SECTION
A-302.00 1/4" = 1'-0"




9 ELEVATOR SILL DETAIL @ ELEVATOR PIT
A-302.00 1 1/2" = 1'-0"

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150

Architect:
**AUFGANG.**
74 Lafayette Avenue
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MEP Engineer
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Civil Engineer
**PHILIP HABIB & ASSOCIATES:**
432 Park Ave. South
6th Floor
New York, NY 10016
212.929.5656

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SHEET TITLE:

## ELEVATORS #1, 2 & 3 - FLOOR PLANS AND SECTION

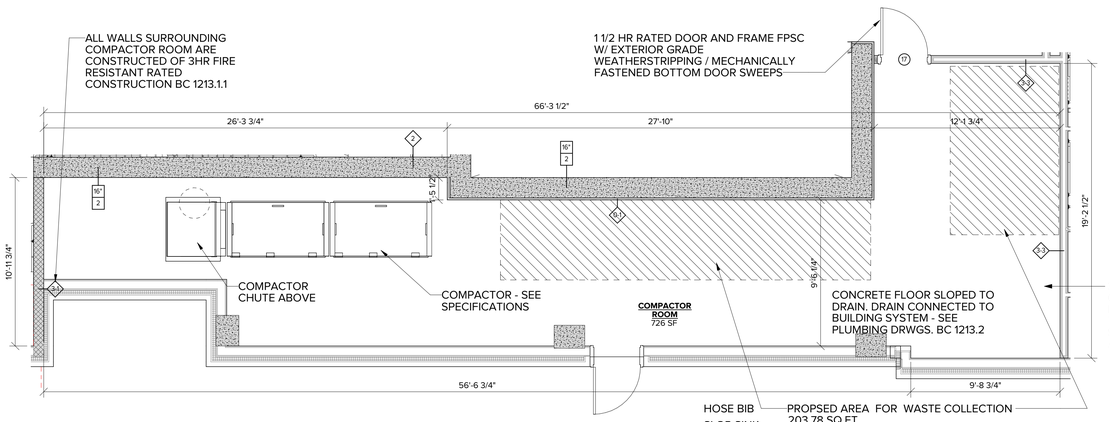
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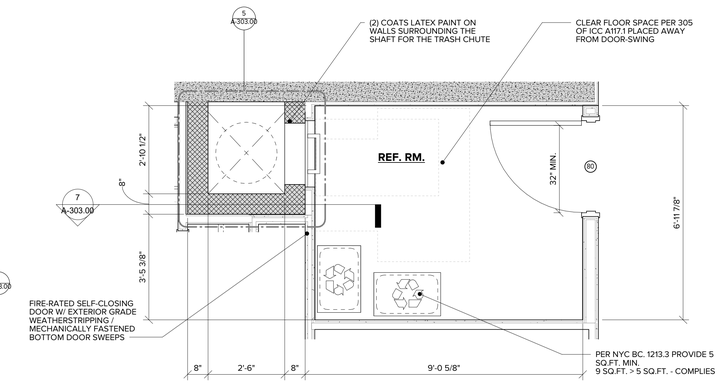
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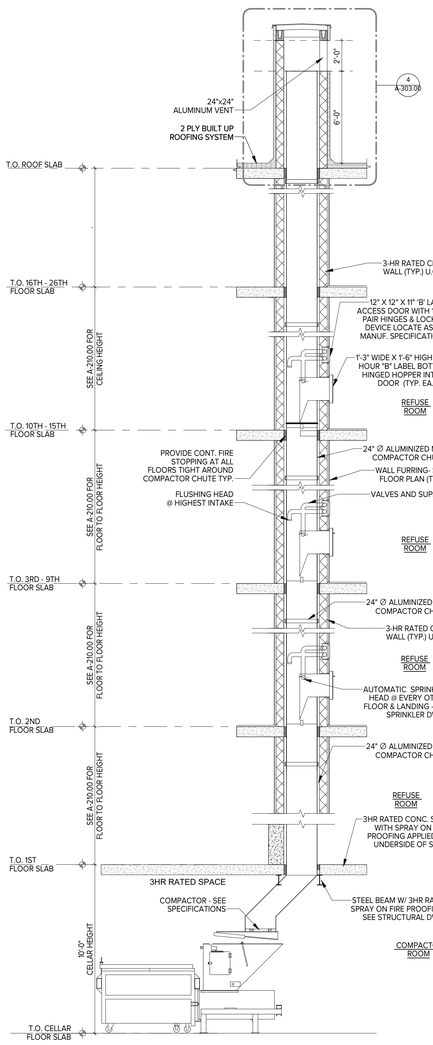
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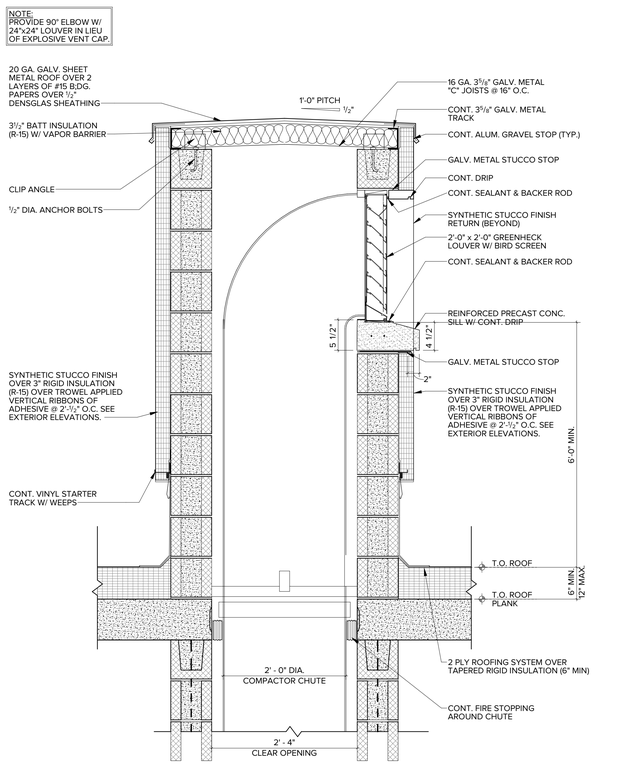

1 TRASH COMPACTOR ROOM PLAN
A-303.00 1/4" = 1'-0"



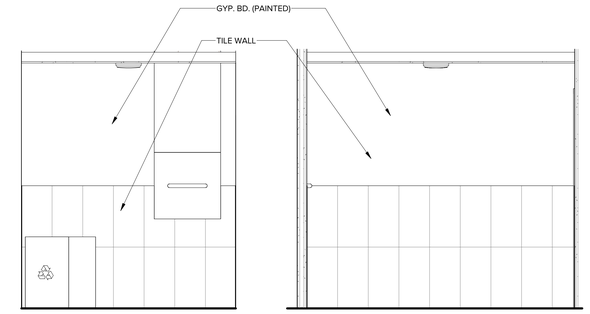

2 REFUSE ROOM - TYPICAL 2ND - 26TH FLOOR PLAN
A-303.00 1/2" = 1'-0"




7 SECTION THRU COMPACTOR CHUTE
A-303.00 1/4" = 1'-0"



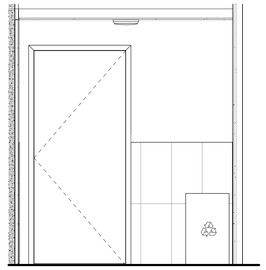

4 TRASH CHUTE TOP VENT DETAIL (FLAT ROOF)
A-303.00 1" = 1'-0"



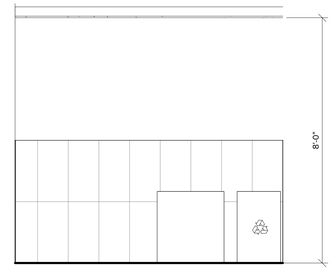

1 ELEVATION 1- REFUSE ROOM
A-303.00 1/2" = 1'-0"



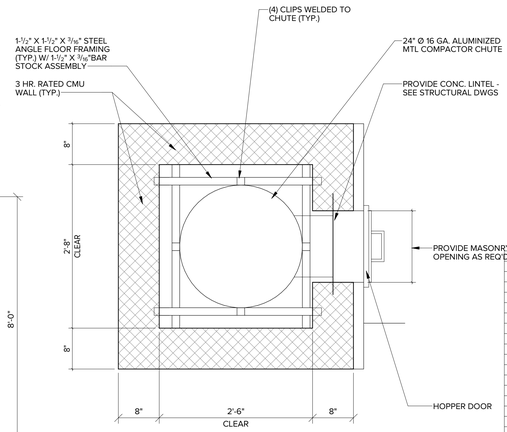
2 ELEVATION 2- REFUSE ROOM
A-303.00 1/2" = 1'-0"



9 ELEVATION 3- REFUSE ROOM
A-303.00 1/2" = 1'-0"




11 ELEVATION 4- REFUSE ROOM
A-303.00 1/2" = 1'-0"




5 TYPICAL TRASH CHUTE FRAMING DETAIL
A-303.00 1" = 1'-0"

*version 4/1/2022*

## DSNY Waste Calculator for New Residential Buildings

| Unit Size | # of Units | # of Residents | Estimated Occupancy Per Unit |
|---|---|---|---|
| Studio & 1 Bedroom | 241 | 482 | 2 Residents |
| 2 Bedroom | 81 | 243 | 3 Residents |
| 3 Bedroom | 25 | 100 | 4 Residents |
| **Total Units** | **347** | **825** | |

**Weekly Waste Weight** (3.5 lb/person/day)

| | Total Waste | Trash | Paper/ Cardboard | Metal/Glass/ Plastic/Cartons |
|---|---|---|---|---|
| Pounds | 20,213 | 15,362 | 2,426 | 2,426 |
| Tons | **10.11** | **7.68** | **1.21** | **1.21** |

**Weekly Waste Volume**

| | Trash | | Paper/ Cardboard | Metal/Glass/ Plastic/Cartons |
|---|---|---|---|---|
| | Loose | Compacted | Loose | Loose |
| **Number of Bags** | | | | |
| Generated Weekly | 673.75 | 336.88 | 60.64 | 60.64 |
| If Picked Up Bi-Weekly | 336.88 | 168.44 | **Curbside Recycling 1x / Week** | |
| If Picked Up Tri-Weekly | 224.58 | 112.29 | | |

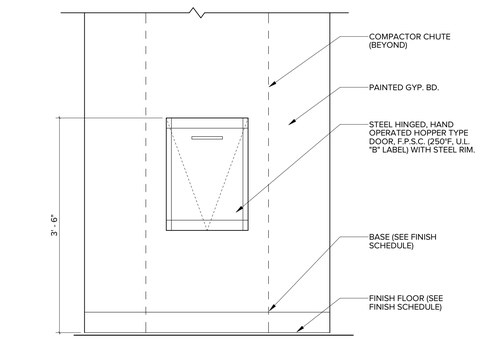
**Space taken up by curbside set-out along a building's frontage** (assumes bags are stacked two high)

| | | | | |
|---|---|---|---|---|
| Height - Feet | 4 | 4 | 4 | 4 |
| Width - Feet | 2 | 4 | 2 | 2 |
| Length - Feet | 477.24 | 94.33 | 30.32 | 30.32 |
| Total Square Feet | 954.48 | 377.30 | 60.64 | 60.64 |

*For reference: average car length is 16 feet, football field length is 300 feet*

**Containerization Recommendations** (receives on-call service up to 3x week when full)

| | Trash | Bulk Items | Paper/ Cardboard | Metal/Glass/ Plastic/Cartons |
|---|---|---|---|---|
| Recommended # of Roll On / Roll Off Compacting Containers | **2** | **0** | **0** | **0** |




6 TRASH CHUTE HOPPER DOOR ELEVATION
A-303.00 1" = 1'-0"

**COMPACTOR ROOM COMPLIANCE CALCULATION (B.C. 1213.1)**

1.5 SQ. FT./ DWELLING UNITS REQ. OR
350 SQ. FT. MIN. WHICHEVER IS LESS. (NET)

347 X 1.5 = 520
520 > 350

350 SQ. FT. MIN. REQUIRED
778 SQ. FT. PROVIDED

**COMPACTOR ROOM COMPLIANCE CALCULATION FOR QUALITY HOUSING: (ZR- 28-12)**

2.9 CU. FT./DWELLING UNIT REQ.

347 X 2.9 = 1006.03 CU. FT.

771.40 CU. FT. MIN. RQUIRED

1006.03 SQ. FT. X 10'-4" H = 10,465.52 CU. FT.
10,465.52 CU.FT. PROVIDED
10,465.52 > 771.40 OK

**REFUSE STORAGE FOR WASTE BASED ON DSNY WASTE CALCULATOR**

COMPACTED TRASH - 336.88 CU. FT. X 150% =
505.32 CU. FT. REQ STORAGE AREA REQUIRED

PAPER/CARBORD - 60.64 CU. FT. X 150% =
90.96 CU. FT. REQ STORAGE AREA REQUIRED

MATAL / GLASS/ PLASTIC/ CARTONS - 60.64 CU. FT. X 150% =
90.96 CU. FT. REQ STORAGE AREA REQUIRED

TOTAL REQUIRED = 687.24 CU.FT
PROVIDE = 815.12.FT
COMPLIES

**APARTMENT BUILDING GUIDELINES AS PROVIDED BY DSNY**
READ HOW TO SET UP YOUR RECYCLING AREAS IN APARTMENT BUILDINGS.

1. LOCATE THE MAIN RECYCLING AREA IN THE SAME PLACE WHERE GARBAGE IS DISCARDED. IF THIS ISN'T POSSIBLE, POST A SIGN ABOVE TRASH BINS DIRECTING RESIDENTS TO THE RECYCLING AREA.

2. CLEARLY LABEL ALL RECYCLING BINS — USE GREEN DECALS FOR MIXED PAPER AND BLUE DECALS FOR METAL, GLASS, PLASTIC AND CARTONS. POST SIGNS ABOVE THE RECYCLING BINS AND REPLACE SIGNS WHEN WORN OR RIPPED. ORDER FREE DECALS AND SIGNS HERE.

3. LINE RECYCLING BINS WITH CLEAR PLASTIC BAGS (NOT COLORED BAGS); USE BLACK BAGS ONLY FOR GARBAGE.

4. DO NOT MIX PAPER AND CARDBOARD WITH METAL, GLASS, PLASTIC, AND CARTONS IN THE SAME BAG.

5. BREAK CARDBOARD INTO SMALL PIECES BEFORE PUTTING IT INTO BAGS. BUNDLES OF FLATTENED CARDBOARD, NEWSPAPERS AND MAGAZINES SHOULD BE NO MORE THAN 18 INCHES HIGH AND SHOULD BE SECURED WITH STURDY TWINE — DON'T USE TAPE.

6. PLACE ADDITIONAL RECYCLING BINS EVERYWHERE WHERE RECYCLABLES MIGHT BE DISCARDED, SUCH AS NEAR MAILBOXES, AND IN LAUNDRY ROOMS AND COMMON AREAS.

7. PROVIDE BUILDING STAFF AND RESIDENTS WITH CURRENT RECYCLING INFORMATION. PROVIDE RECYCLING INFORMATION TO NEW RESIDENTS AND WITH EVERY LEASE RENEWAL. REVIEW RECYCLING PROCEDURES WITH BUILDING STAFF AND DISCUSS WHAT IS WORKING AND WHAT CAN BE IMPROVED.

8. HELP MOTIVATE COMPLIANCE WITH RECYCLING RULES BY ATTACHING A RECYCLING RIDER ON LEASES, AGREEMENTS, AND RENEWAL NOTICES. DOWNLOAD A TEXT FILE WITH SUGGESTED LANGUAGE FOR A RECYCLING RIDER. BE SURE TO ADAPT THE DETAILS FOR YOUR OWN APARTMENT BUILDING
.
9. REGULARLY POST RECYCLING TIPS ON NOTICE BOARDS. WHEN YOU SEE INCORRECT RECYCLING PRACTICES, SEND OUT REMINDERS.

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
**AUFGANG.**
74 Lafayette Avenue
Suite 301
Suffern, NY 10901
845.368.0004
info@aufgang.com

Owner/Developer
**BRONX PARK GTAH II LLC:**
280 East 161st St.
Bronx, NY 10451

Structural Engineer
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25th Floor
New York, NY 10005
212.532.2211

MEP Engineer
**EP ENGINEERING ASSOCIATES:**
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32nd Floor
New York, NY 10038
646.779.0758

Civil Engineer
**PHILIP HABIB & ASSOCIATES:**
432 Park Ave. South
6th Floor
New York, NY 10016
212.929.5656


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# COMPACTOR INFORMATION / WASTE MANAGEMENT PLAN

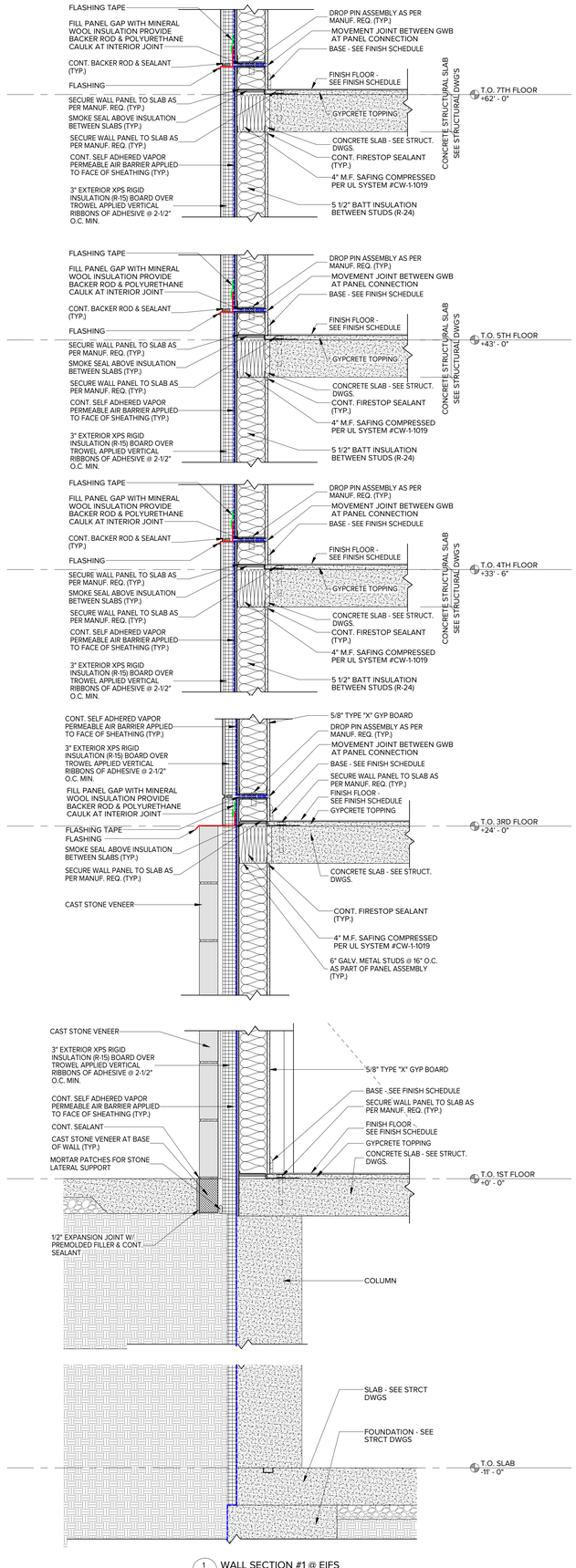

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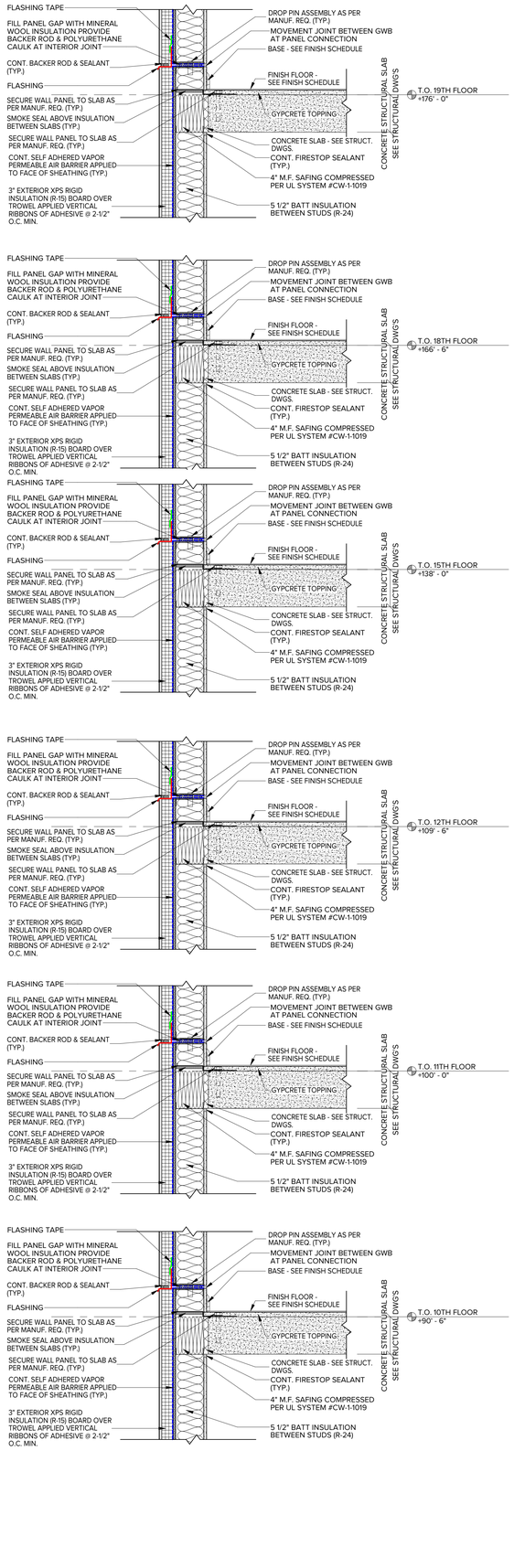
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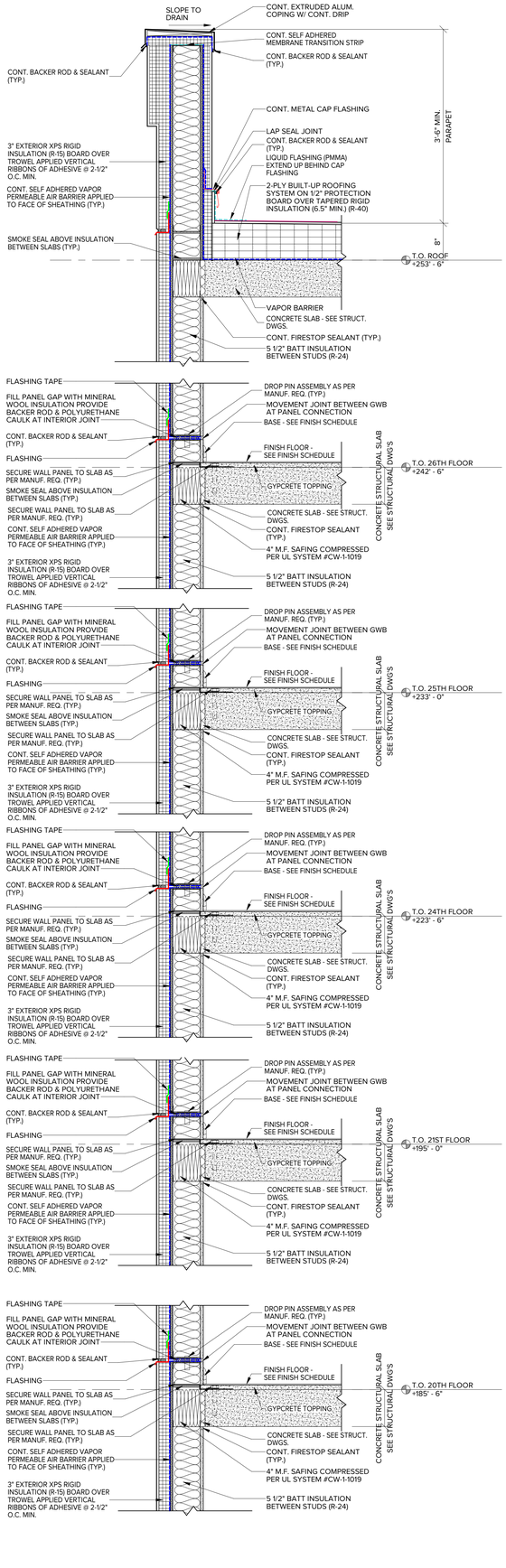
DRAWING NO:
# A-303.00

NYC DOB NUMBER: X00945951-I1




1 A-400 WALL SECTION #1 @ EIFS 1" = 1'-0"




PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
**AUFGANG.**
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Suffern, NY 10901
845.368.0004
info@aufgang.com

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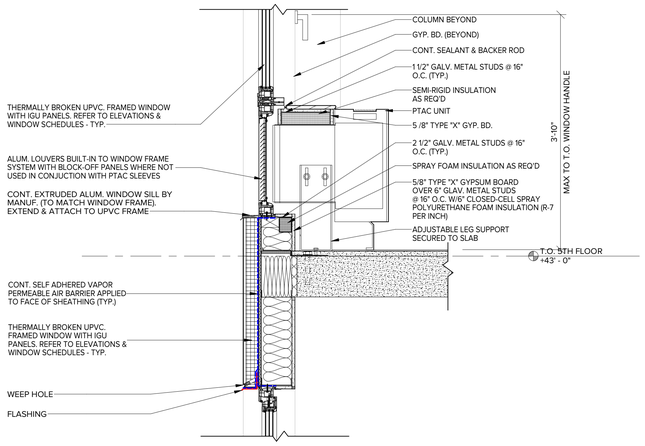
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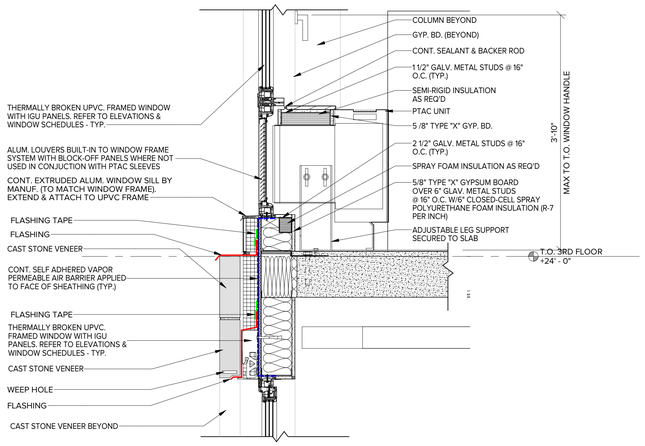

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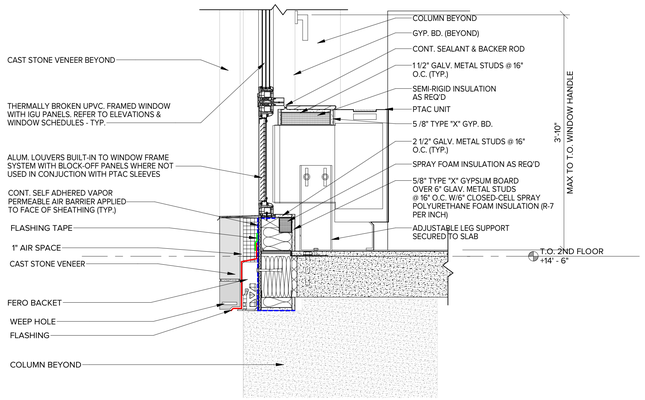

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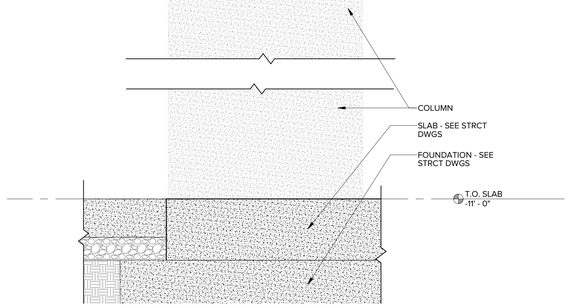
ISSUE DATE: 07/27/22
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SCALE: 1" = 1'-0"
SHEET NO: OF
DRAWING NO: A-400

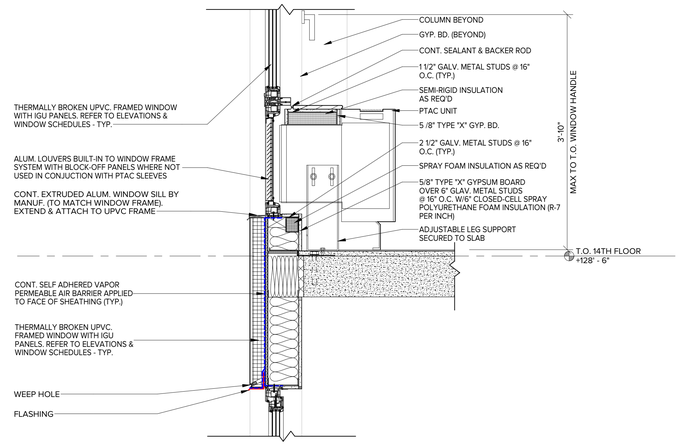
NYC DOB NUMBER: X00945951-I1

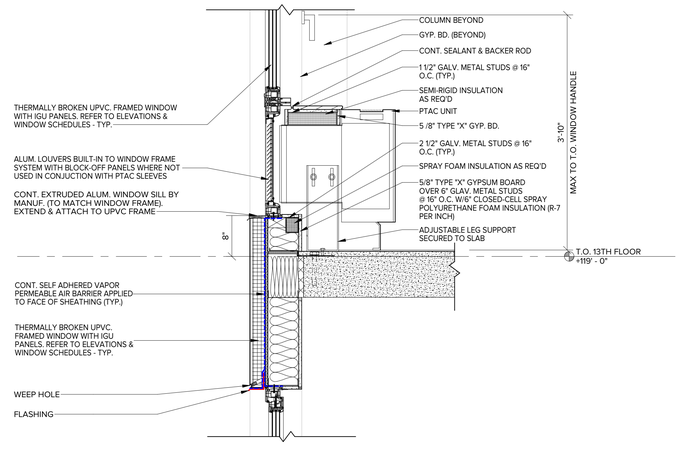


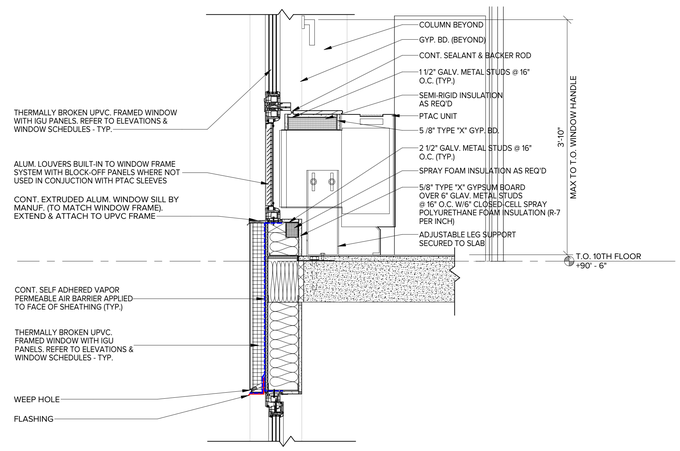



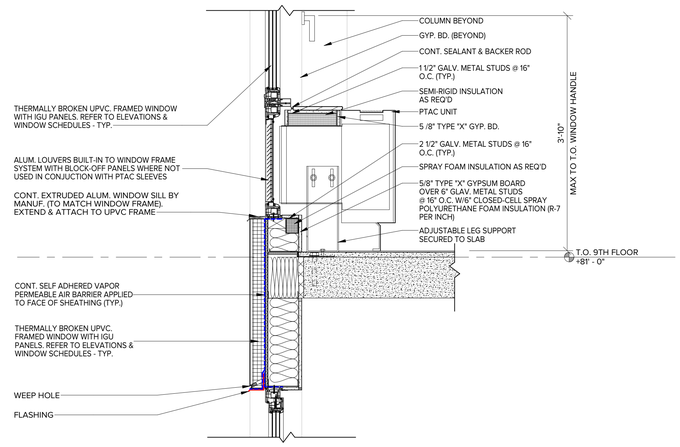



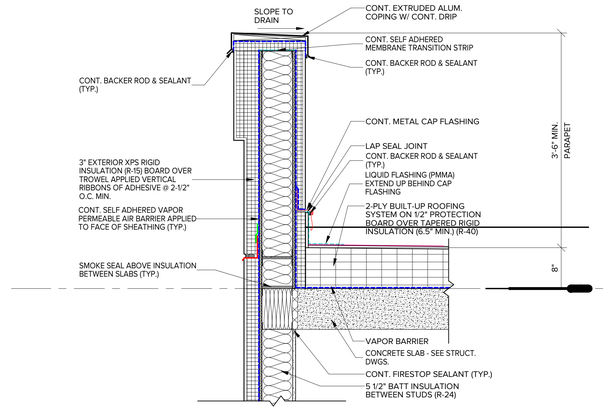



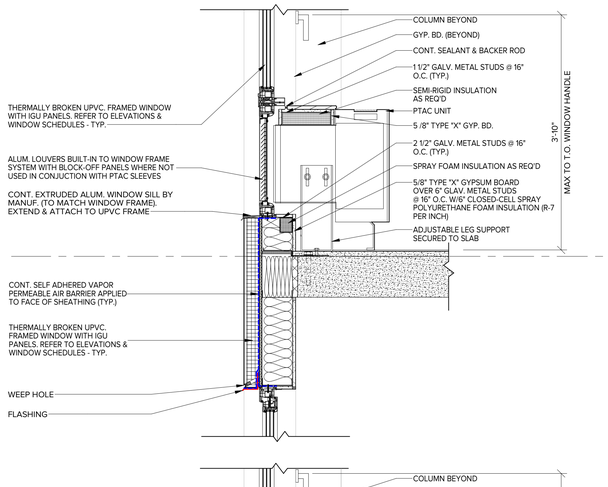



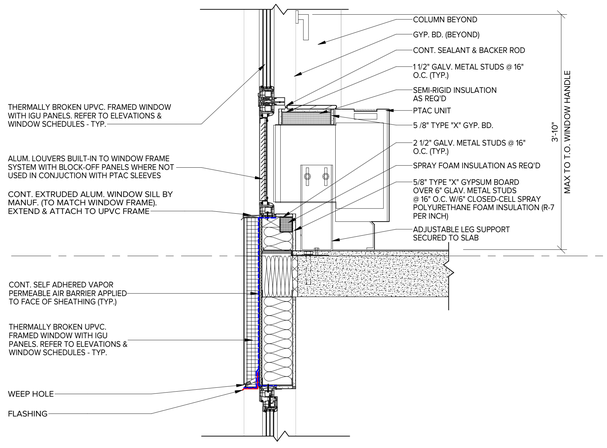



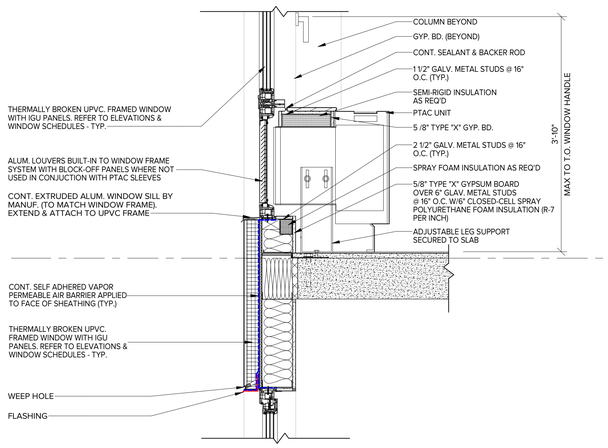




PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
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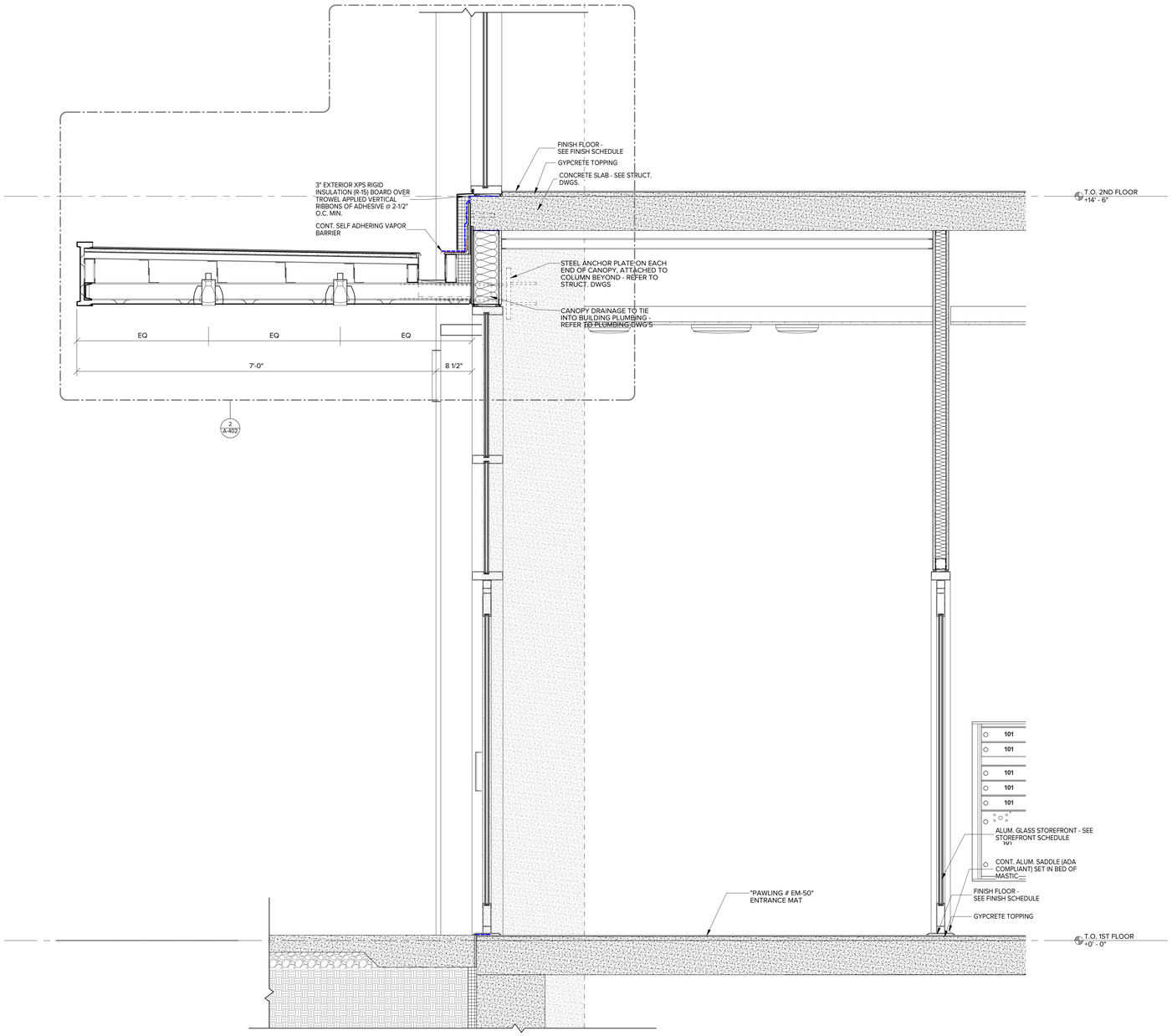
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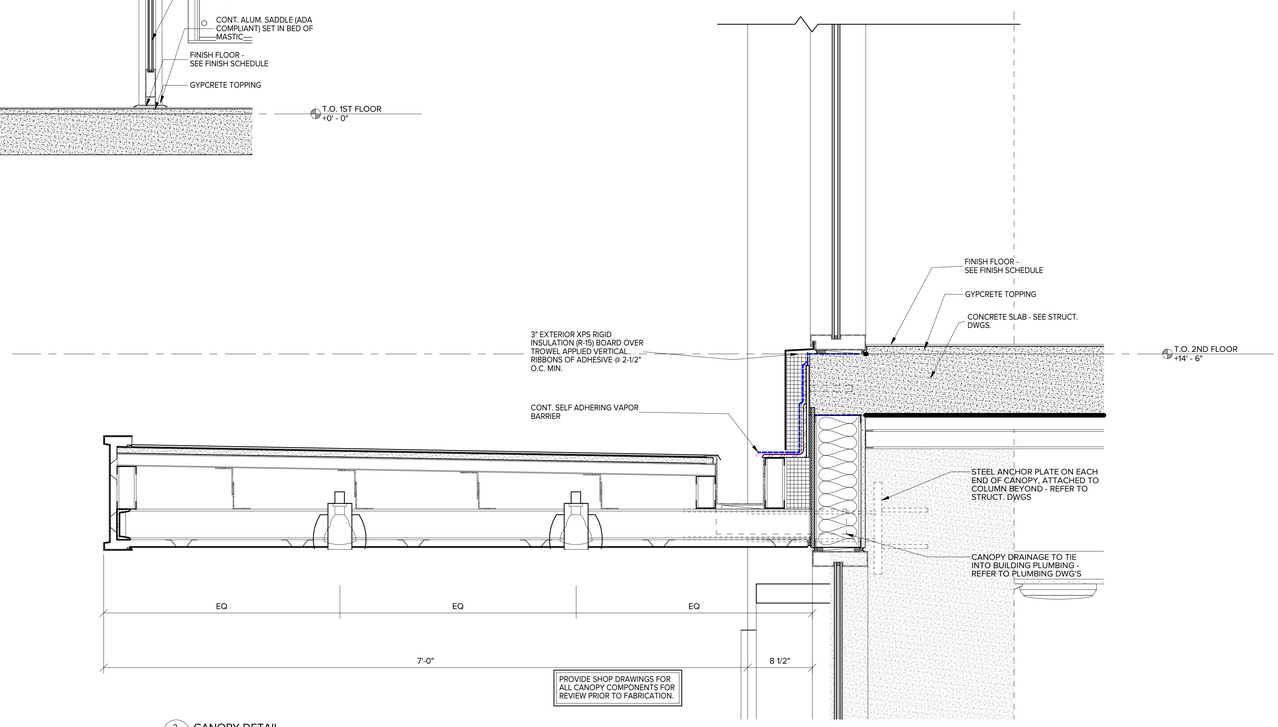

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ISSUE DATE: 07/27/22
PROJECT NO: Project Number
DRAWN BY: Author
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SCALE: 1" = 1'-0"
SHEET NO: OF
DRAWING NO: A-401

NYC DOB NUMBER: X00945951-I1




1 A-402 WALL SECTION @ STOREFRONT
1" = 1'-0"




2 A-402 CANOPY DETAIL
1 1/2" = 1'-0"

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150

Architect:
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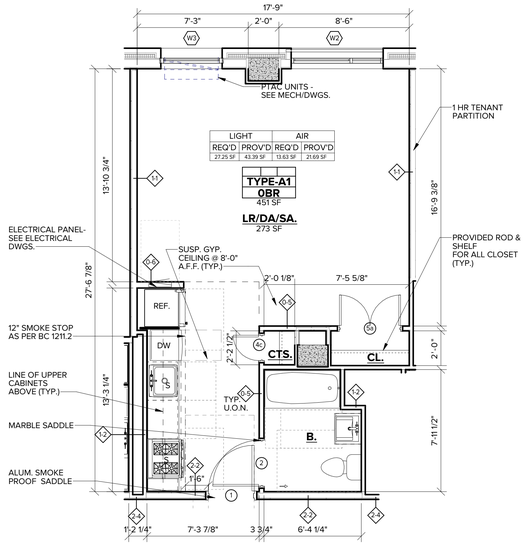
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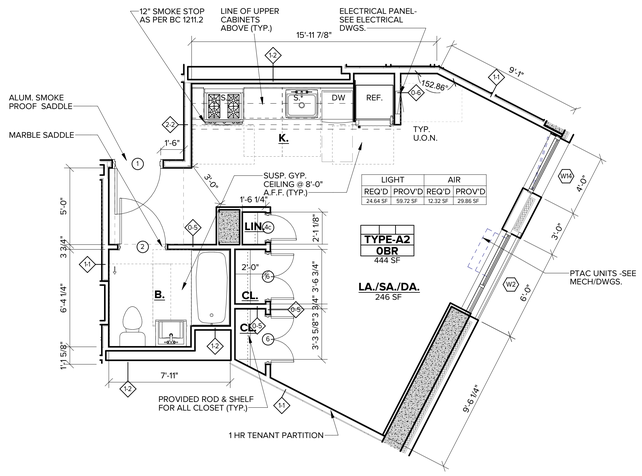
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SHEET NO: OF
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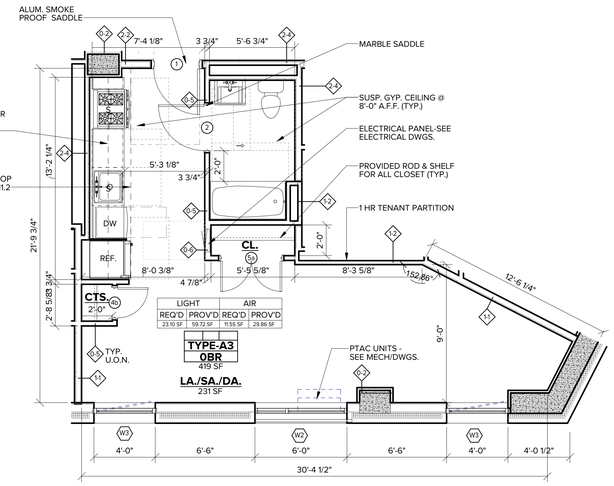
NYC DOB NUMBER: X00945951-I1




1 A-500 APT TYPE A1
1/4" = 1'-0"




2 A-500 APT TYPE A2
1/4" = 1'-0"




3 A-500 APT TYPE A3
1/4" = 1'-0"




4 A-500 APT TYPE A4
1/4" = 1'-0"




5 A-500 APT TYPE A5
1/4" = 1'-0"




6 A-500 APT TYPE A6
1/4" = 1'-0"




7 A-500 APT TYPE A7
1/4" = 1'-0"




8 A-500 APT TYPE A8
1/4" = 1'-0"

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BLOCK: 2420 LOT: 120 & 150


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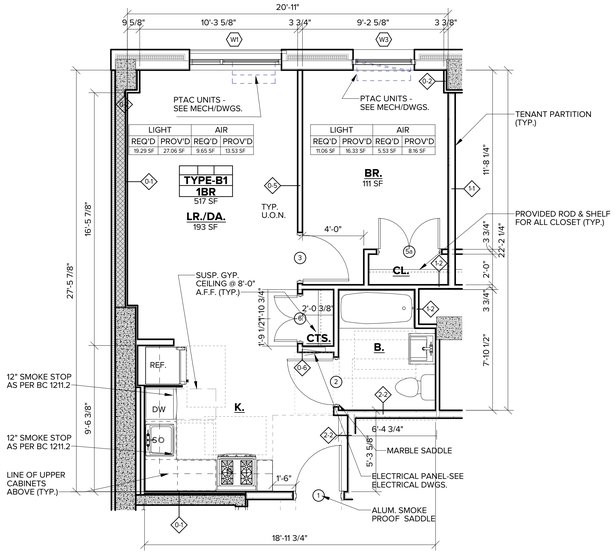
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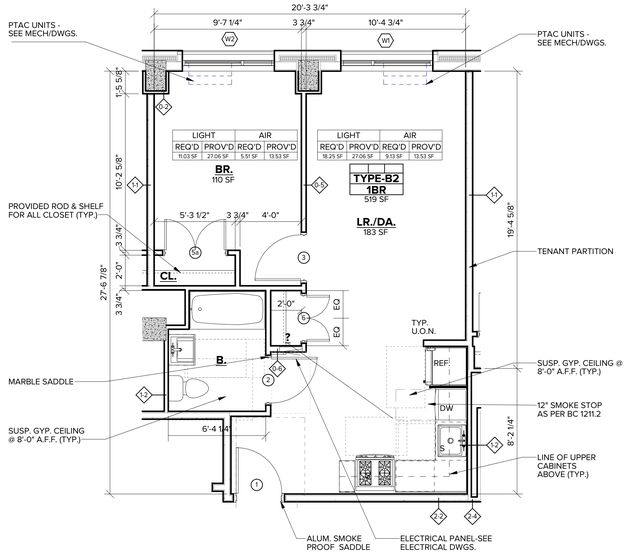

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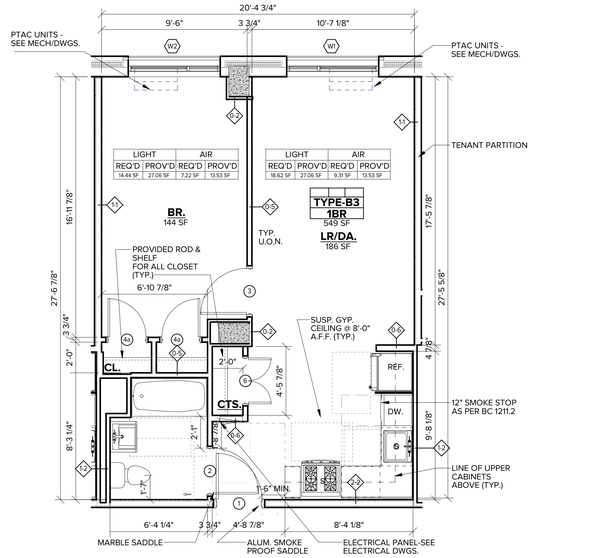
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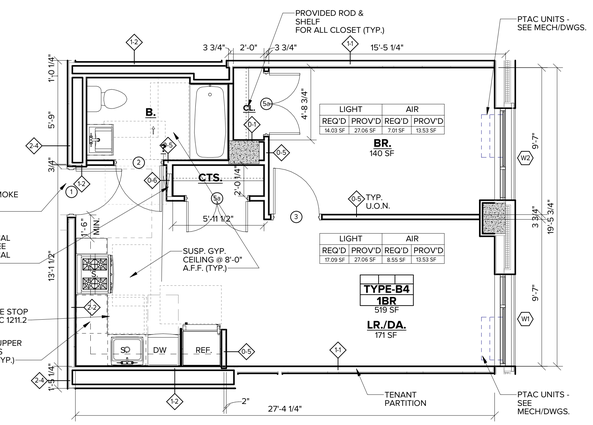

1 A-502 APT TYPE B1
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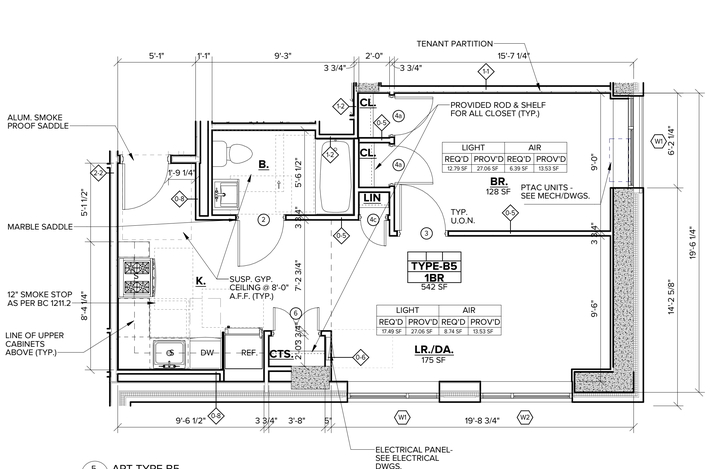

2 A-502 APT TYPE B2
1/4" = 1'-0"



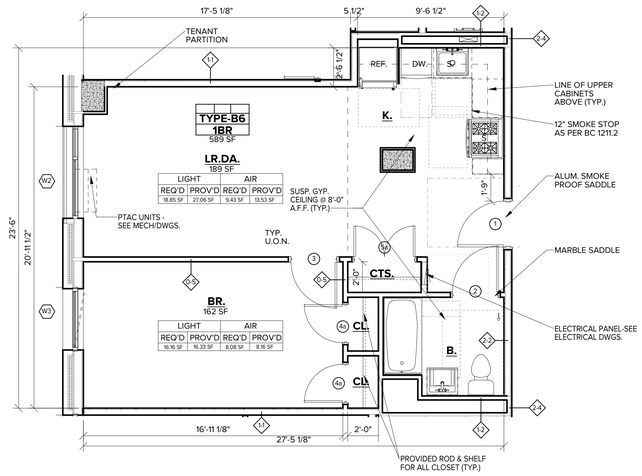

3 A-502 APT TYPE B3
1/4" = 1'-0"




4 A-502 APT TYPE B4
1/4" = 1'-0"




5 A-502 APT TYPE B5
1/4" = 1'-0"




6 A-502 APT TYPE B6
1/4" = 1'-0"

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


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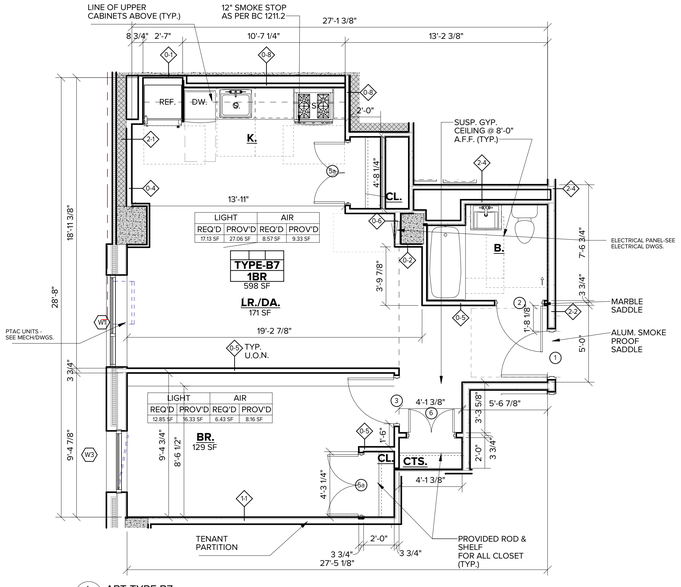

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SCALE: 1/4" = 1'-0"
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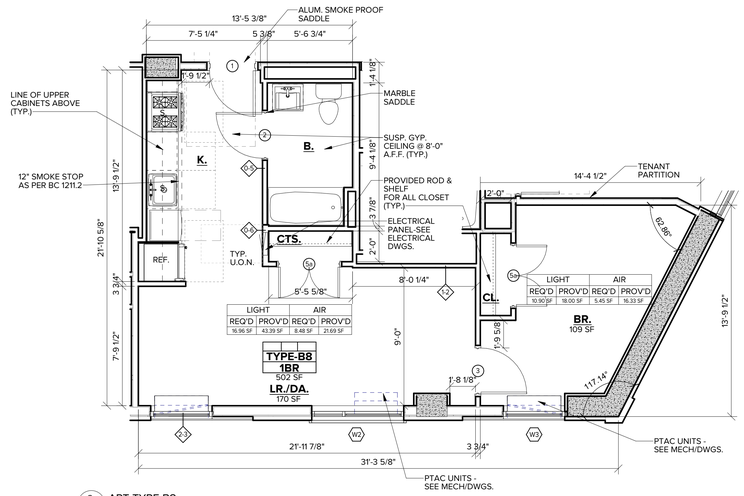
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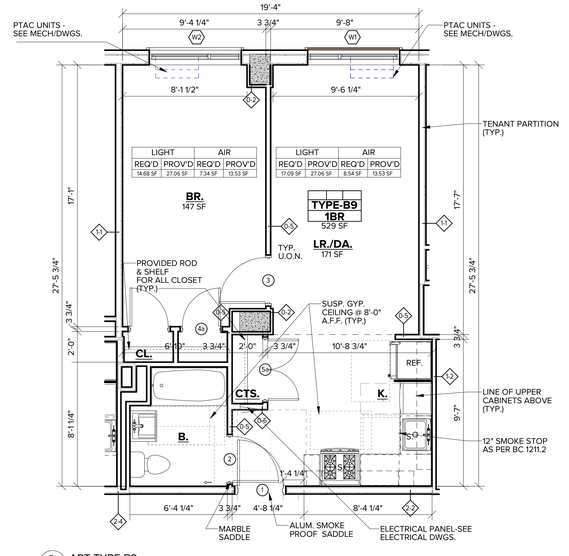
NYC DOB NUMBER: X00945951-I1



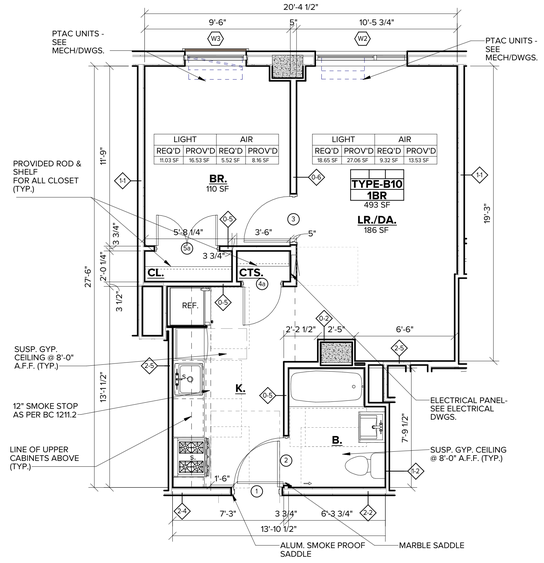

1 A-503 APT TYPE B7
1/4" = 1'-0"



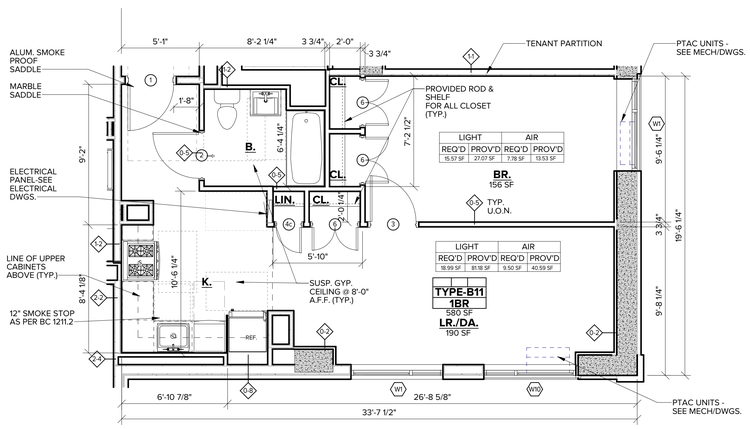

2 A-503 APT TYPE B8
1/4" = 1'-0"




3 A-503 APT TYPE B9
1/4" = 1'-0"




4 A-503 APT TYPE B10
1/4" = 1'-0"




5 A-503 APT TYPE B11
1/4" = 1'-0"

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
**AUFGANG.**
74 Lafayette Avenue
Suite 301
Suffern, NY 10901
845.368.0004
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Owner/Developer
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**PHILIP HABIB & ASSOCIATES:**
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New York, NY 10016
212.929.5656


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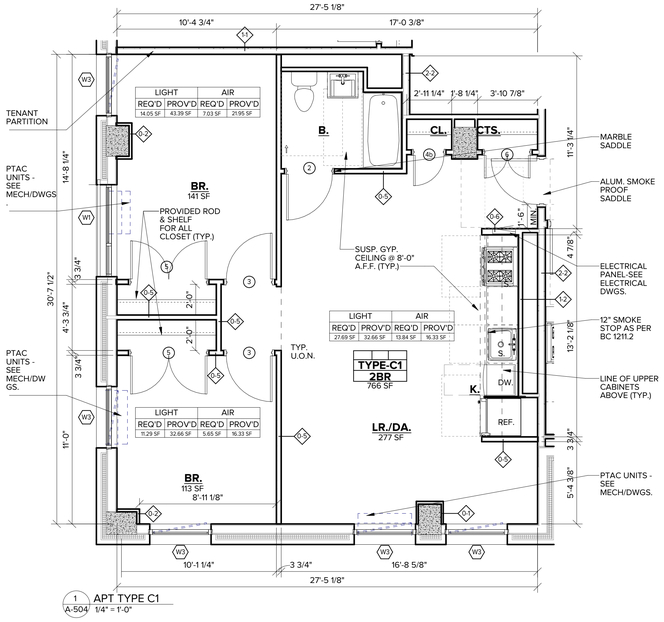
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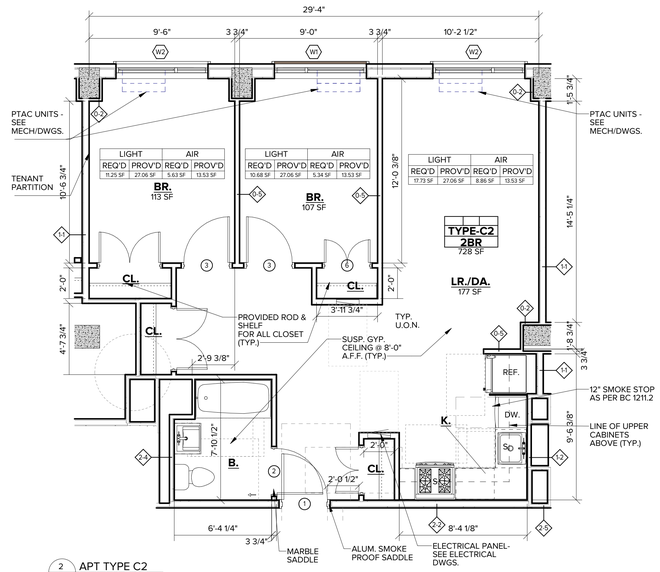

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DRAWING NO: A-503.00

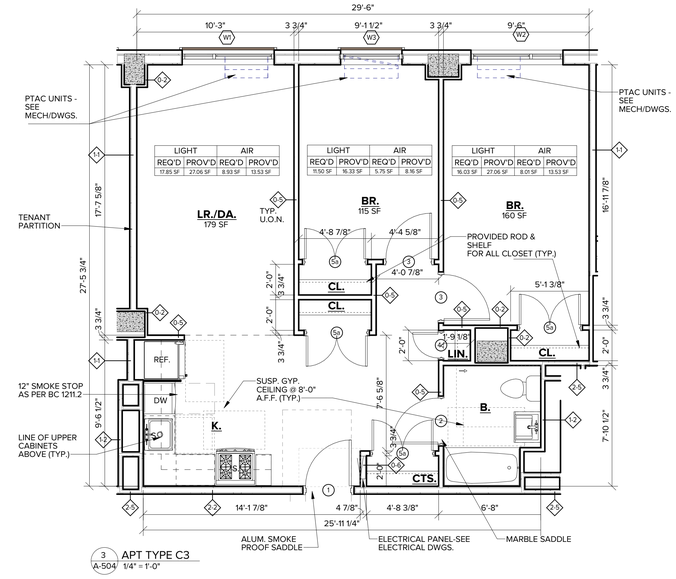
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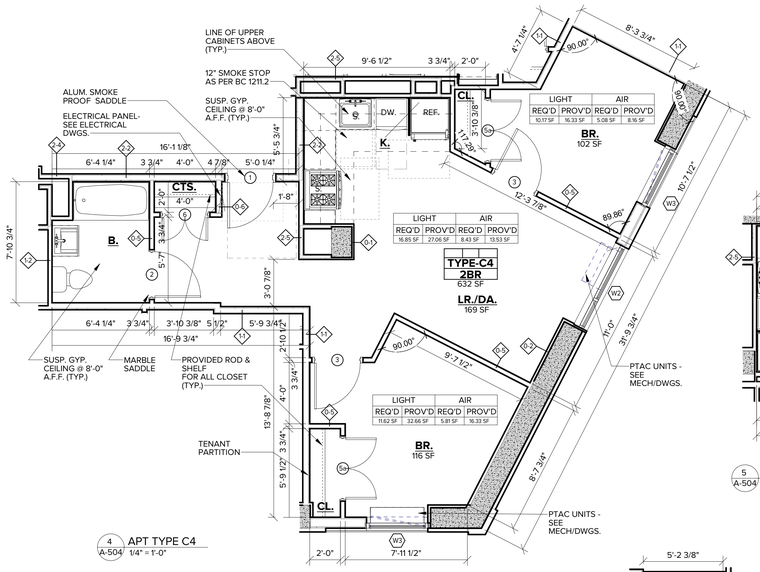

1 APT TYPE C1
A-504 1/4" = 1'-0"



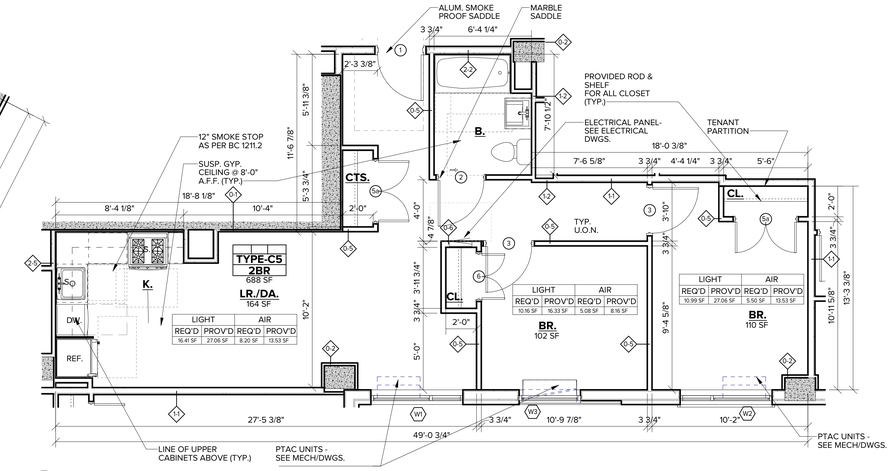

2 APT TYPE C2
A-504 1/4" = 1'-0"



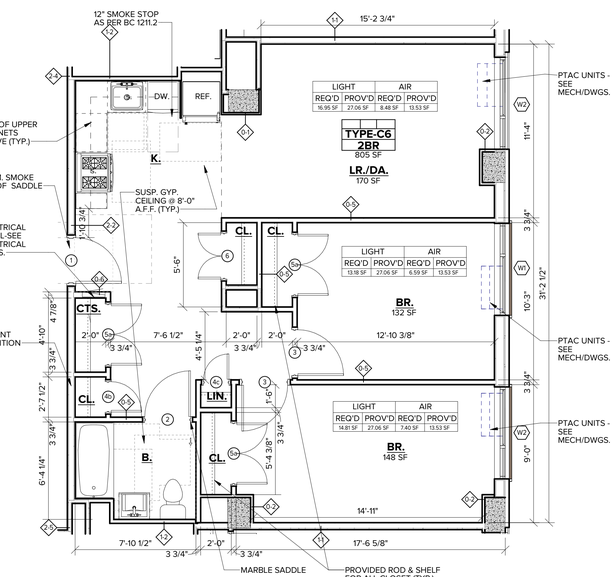

3 APT TYPE C3
A-504 1/4" = 1'-0"



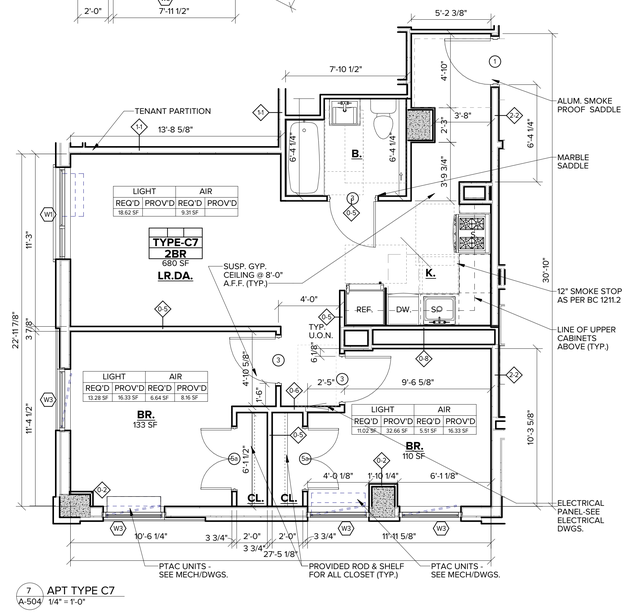

4 APT TYPE C4
A-504 1/4" = 1'-0"



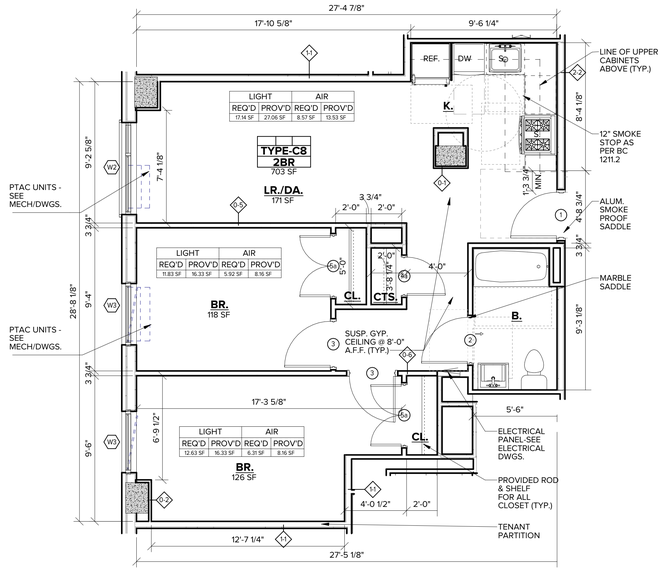

5 APT TYPE C5
A-504 1/4" = 1'-0"




6 APT TYPE C6
A-504 1/4" = 1'-0"




7 APT TYPE C7
A-504 1/4" = 1'-0"




8 APT TYPE C8
A-504 1/4" = 1'-0"

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


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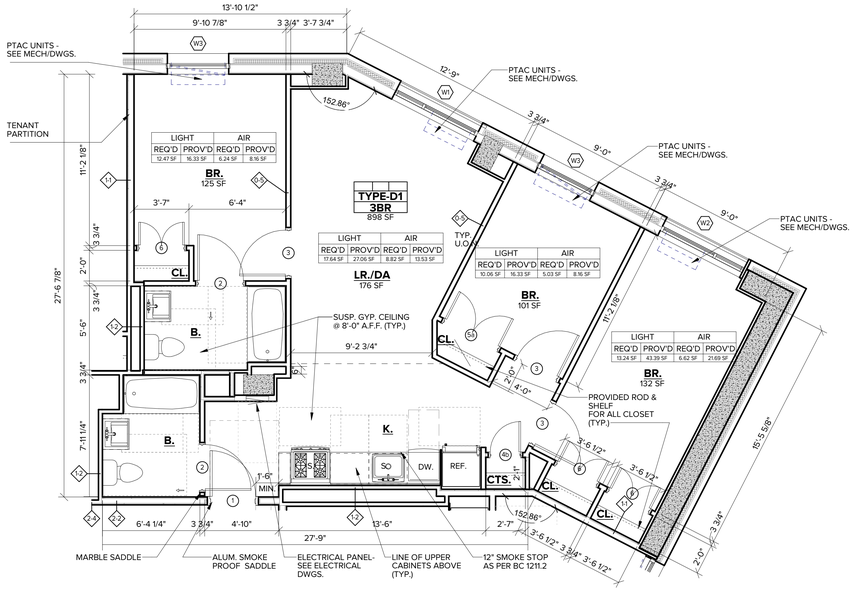
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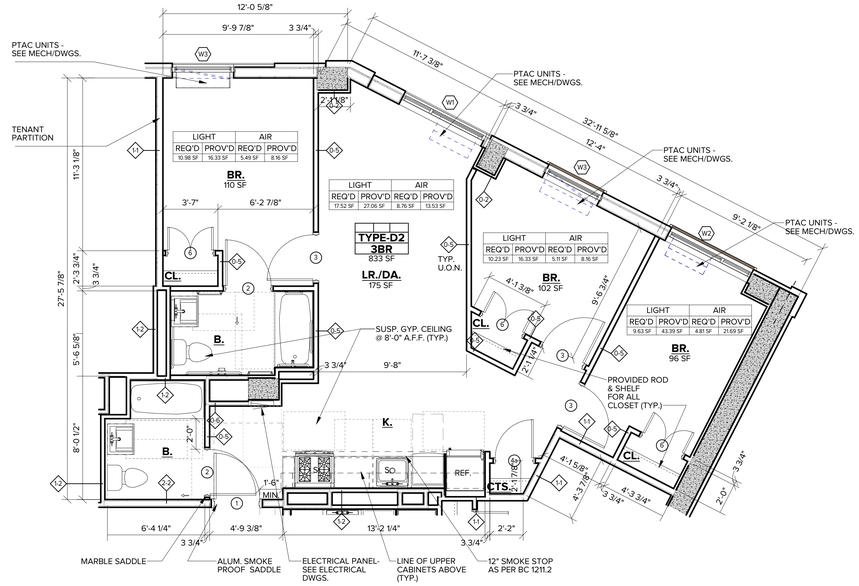

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DRAWING NO: A-504.00

NYC DOB NUMBER: X00945951-I1




1 A-505 APT TYPE D1
1/4" = 1'-0"




2 A-505 APT TYPE D2
1/4" = 1'-0"

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


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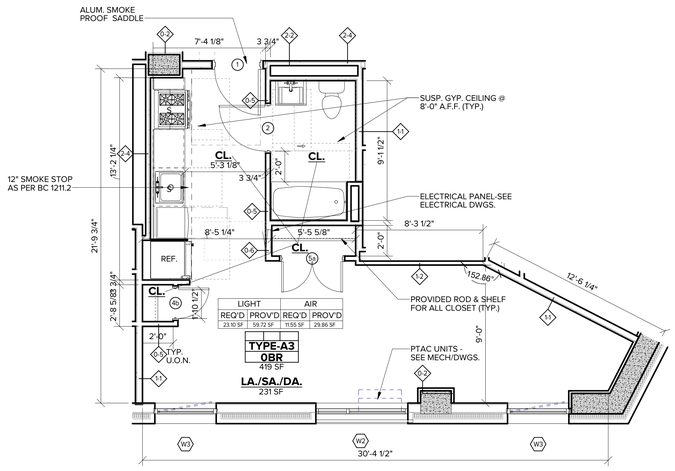
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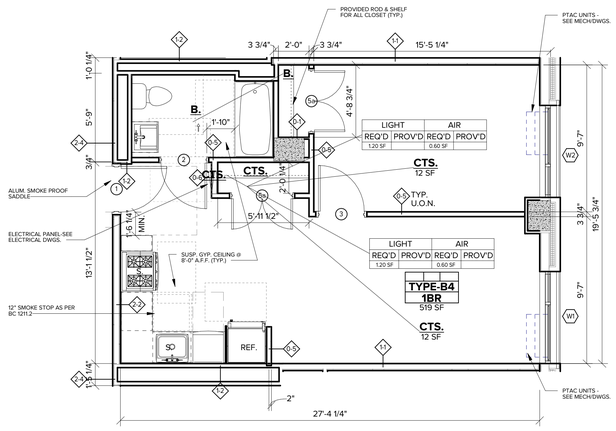

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DRAWING NO: A-505.00

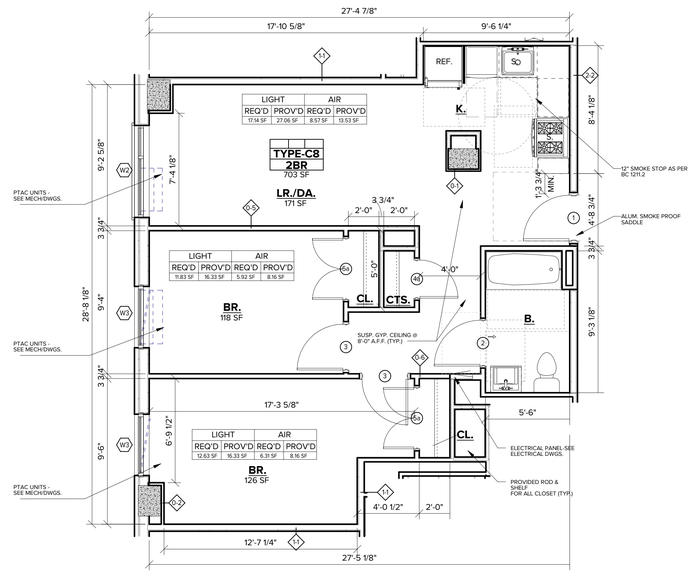
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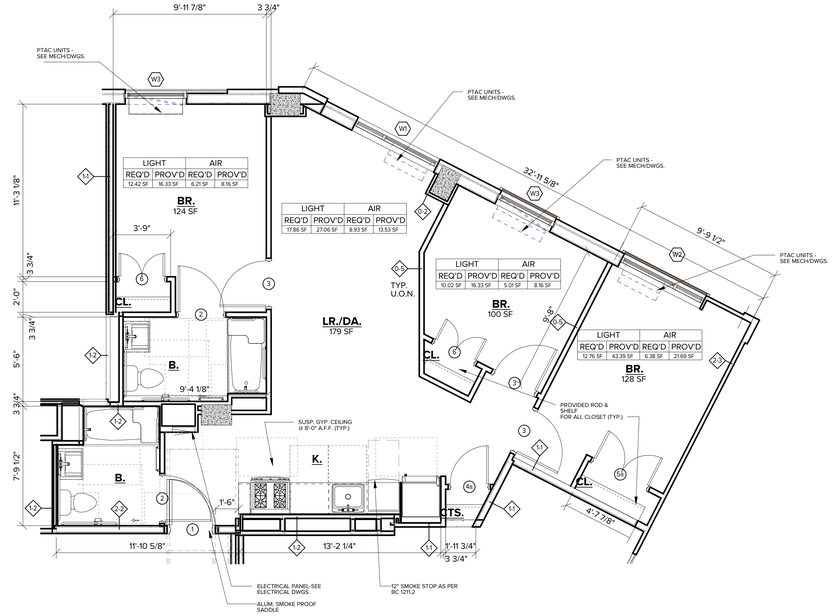

1 A-506 UFAS UNIT TYPE A3 # 207, 307, 407, 507
1/4" = 1'-0"




2 A-506 UFAS UNIT TYPE B4 # 210, 310, 410, 510, 610, 710, 810, 910
1/4" = 1'-0"




3 A-506 UFAS UNIT TYPE C8 # 1612
1/4" = 1'-0"




4 A-506 UFAS UNIT TYPE D2 # 1705
1/4" = 1'-0"

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
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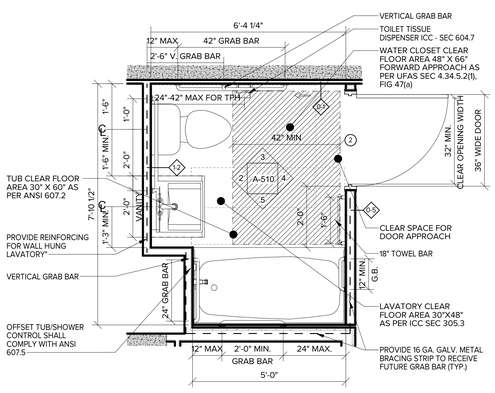
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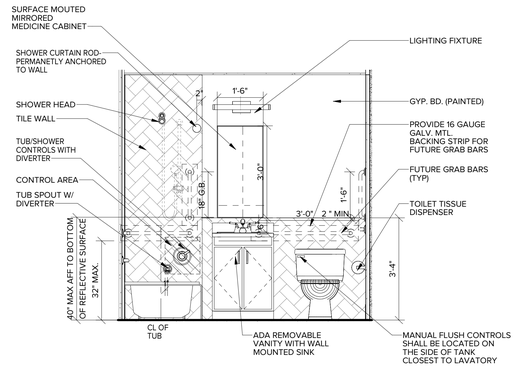

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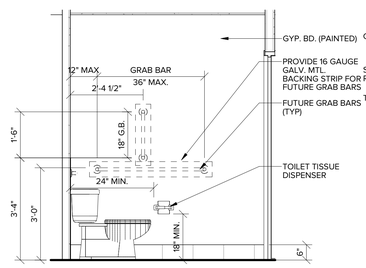
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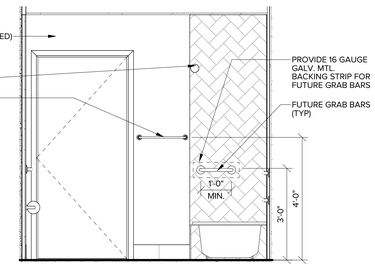

1 A-510 ENLARGED BATHROOM TYPE 1
1/2" = 1'-0"



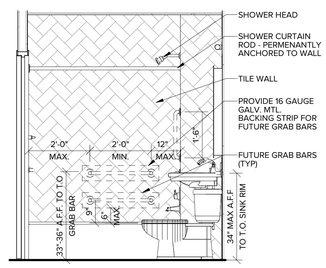

2 A-510 ELEVATION 2
1/2" = 1'-0"



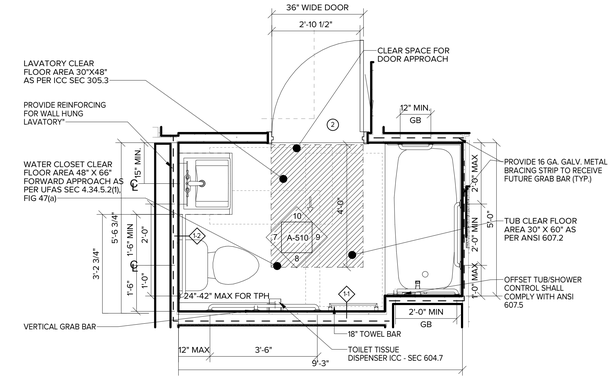

3 A-510 ELEVATION 3
1/2" = 1'-0"



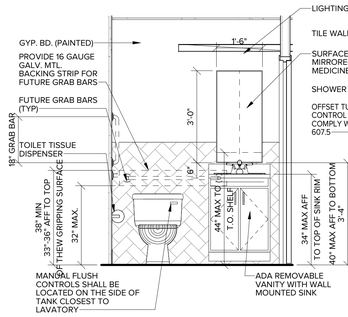

4 A-510 ELEVATION 4
1/2" = 1'-0"



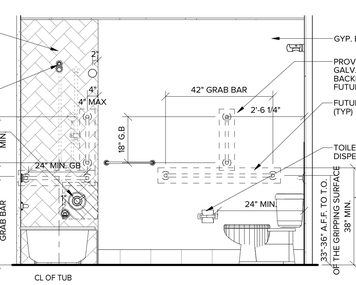

5 A-510 ELEVATION 5
1/2" = 1'-0"



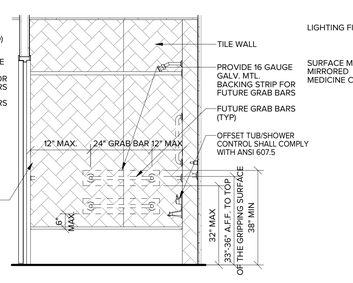

6 A-510 ENLARGED BATHROOM TYPE 2
1/2" = 1'-0"



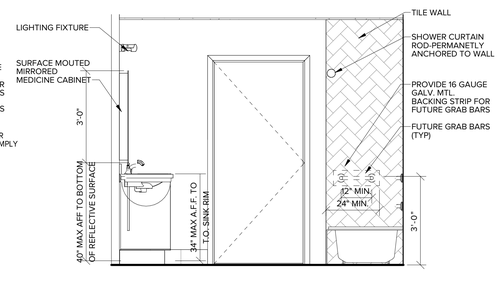

7 A-510 ELEVATION 7
1/2" = 1'-0"




8 A-510 ELEVATION 8
1/2" = 1'-0"




9 A-510 ELEVATION 9
1/2" = 1'-0"




10 A-510 ELEVATION 10
1/2" = 1'-0"

HEIGHT MEASURED FROM FIN. FL
Shower Head Height (Standard): 80"
Shower Head Height (Minimum): 72"
Hand Held Shower Head (MAX.): 48"
Shower Head Control Height: 40"-50"
Curtain Rod Height (Standard): 75"-77"

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# TYPICAL BATHROOM PLANS & ELEVATIONS


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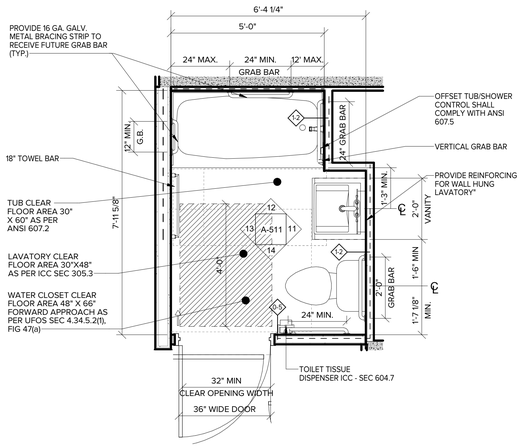

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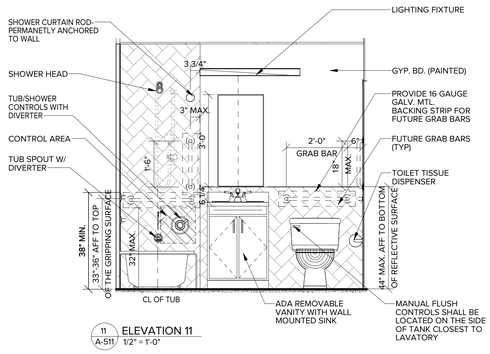
DRAWING NO:

# A-510.00

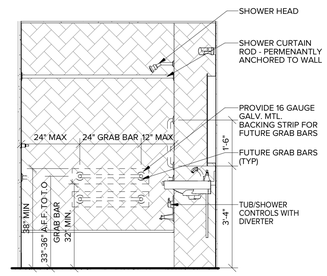
NYC DOB NUMBER: X00945951-I1



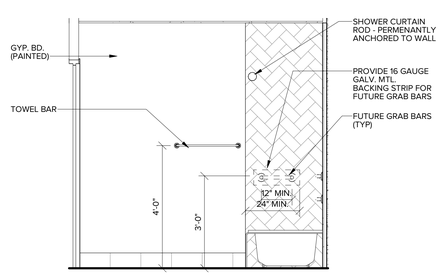

1 A-511 ENLARGED BATHROOM TYPE 3
1/2" = 1'-0"



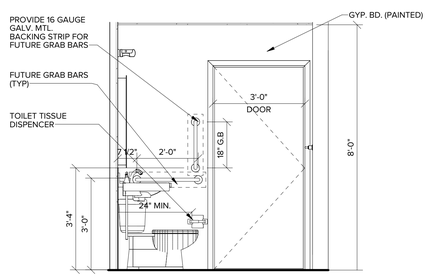

11 A-511 ELEVATION 11
1/2" = 1'-0"



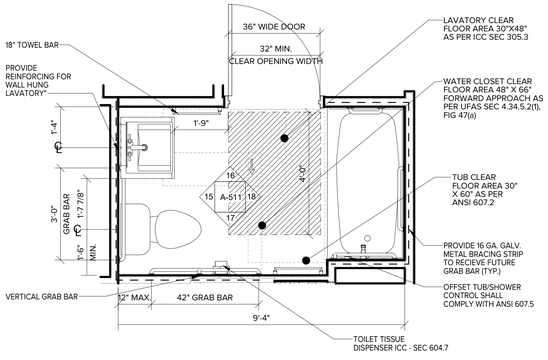

12 A-511 ELEVATION 12
1/2" = 1'-0"



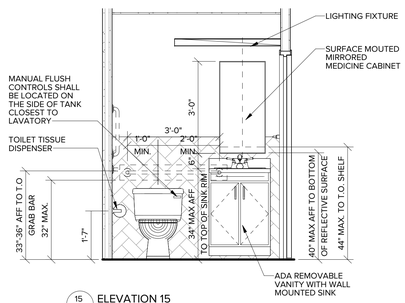

13 A-511 ELEVATION 13
1/2" = 1'-0"



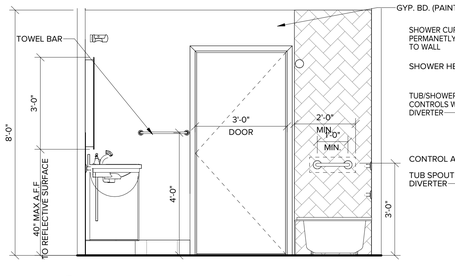

14 A-511 ELEVTION 14
1/2" = 1'-0"



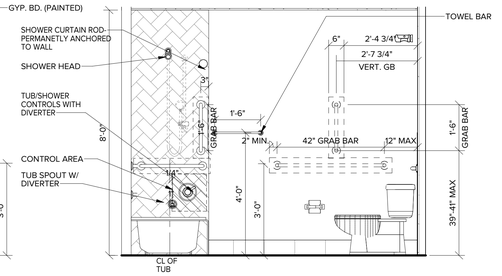

2 A-511 ENLARGED BATHROOM TYPE 4
1/2" = 1'-0"



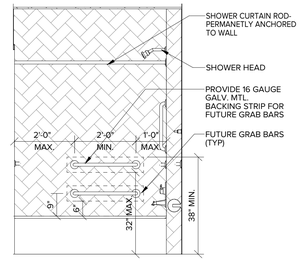

15 A-511 ELEVATION 15
1/2" = 1'-0"




16 A-511 ELEVATION 16
1/2" = 1'-0"




17 A-511 ELEVATION 17
1/2" = 1'-0"




18 A-511 ELEVATION 18
1/2" = 1'-0"

HEIGHT MEASURED FROM FIN. FL
Shower Head Height (Standard): 80"
Shower Head Height (Minimum): 72"
Hand Held Shower Head (MAX.): 48"
Shower Head Control Height: 40"-50"
Curtain Rod Height (Standard): 75"-77"

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
**AUFGANG.**
74 Lafayette Avenue
Suite 301
Suffern, NY 10901
845.368.0004
info@aufgang.com

Owner/Developer
**BRONX PARK GTAH II LLC:**
280 East 161st St.
Bronx, NY 10451

Structural Engineer
**DESIMONE ENGINEERING:**
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New York, NY 10005
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MEP Engineer
**EP ENGINEERING ASSOCIATES:**
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32nd Floor
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Civil Engineer
**PHILIP HABIB & ASSOCIATES:**
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6th Floor
New York, NY 10016
212.929.5656


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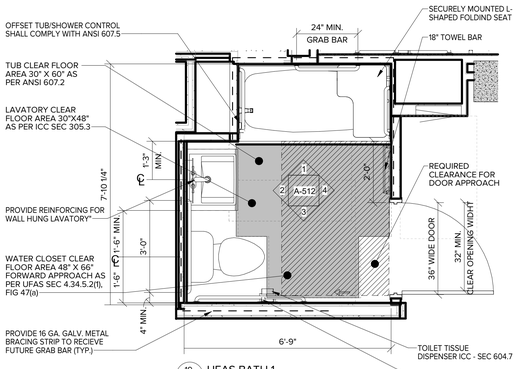
## TYPICAL BATHROOM PLANS & ELEVATIONS


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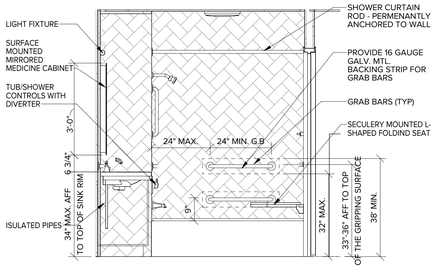

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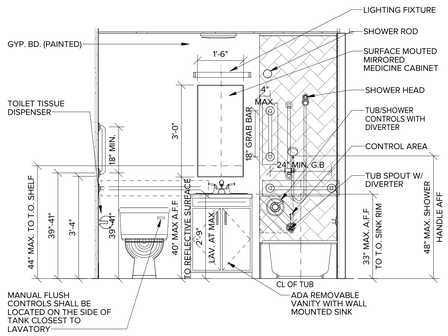
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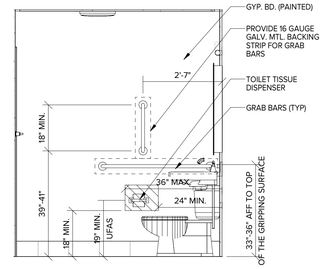

19 A-512 UFAS BATH 1
1/2" = 1'-0"



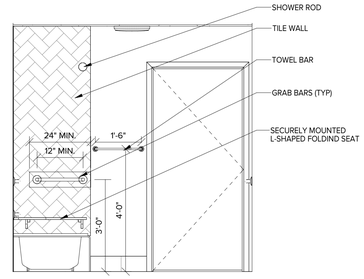

1 A-512 ELEVATION 19
1/2" = 1'-0"



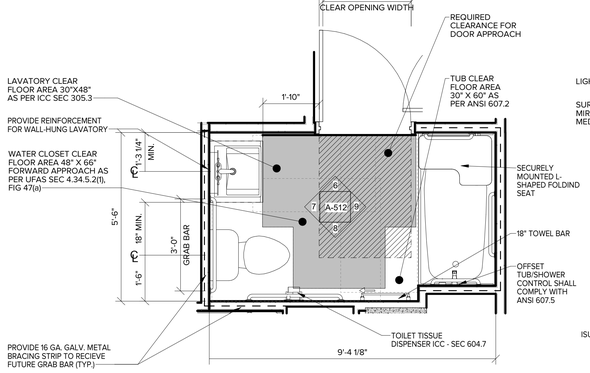

2 A-512 ELEVATION 20
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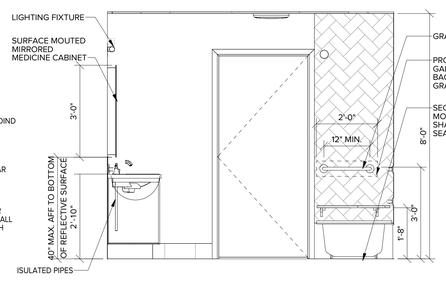

3 A-512 ELEVATION 21
1/2" = 1'-0"



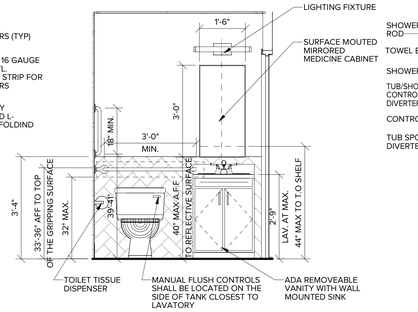

4 A-512 ELEVATION 22
1/2" = 1'-0"



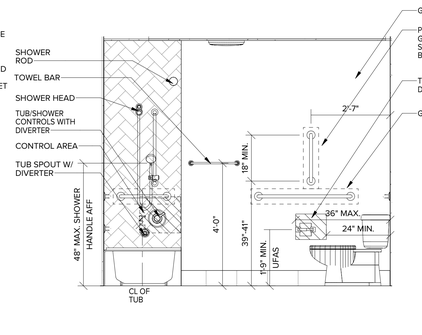

5 A-512 UFAS BATH TYPE 2
1/2" = 1'-0"



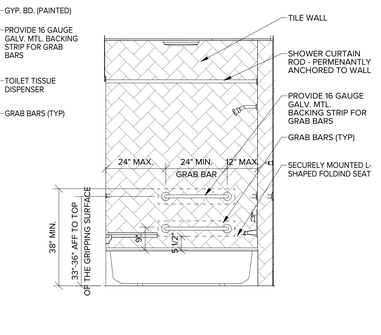

6 A-512 ELEVATION 23
1/2" = 1'-0"




7 A-512 ELEVATION 24
1/2" = 1'-0"




8 A-512 ELEVATION 25
1/2" = 1'-0"




9 A-512 ELEVATION 26
1/2" = 1'-0"

HEIGHT MEASURED FROM FIN. FL
Shower Head Height (Standard): 80"
Shower Head Height (Minimum): 72"
Hand Held Shower Head (MAX.): 48"
Shower Head Control Height: 40"-50"
Curtain Rod Height (Standard): 75"-77"

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
**AUFGANG.**
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Owner/Developer
**BRONX PARK GTAH II LLC:**
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Bronx, NY 10451

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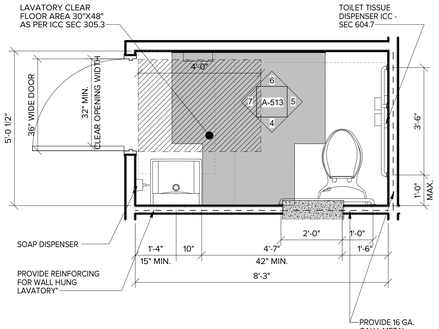
## UFAS BATHROOM PLANS & ELEVATIONS


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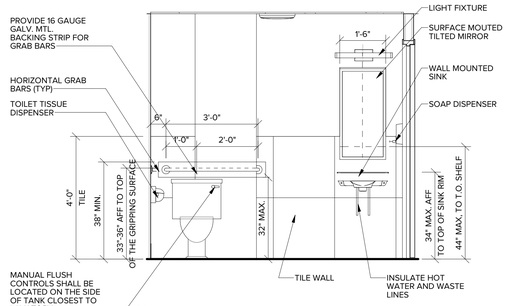

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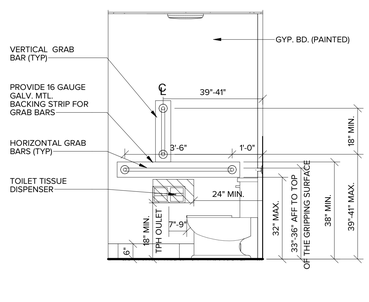
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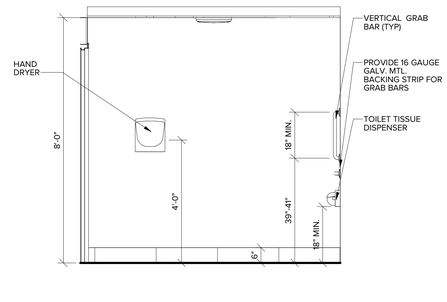

1 A-513 STAFF BATHROOM @ CELLAR FLOOR
1/2" = 1'-0"



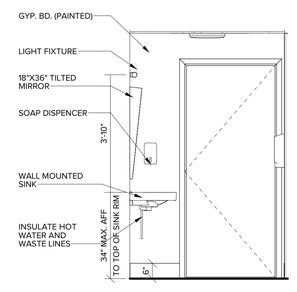

4 A-513 ELEVATION 27
1/2" = 1'-0"



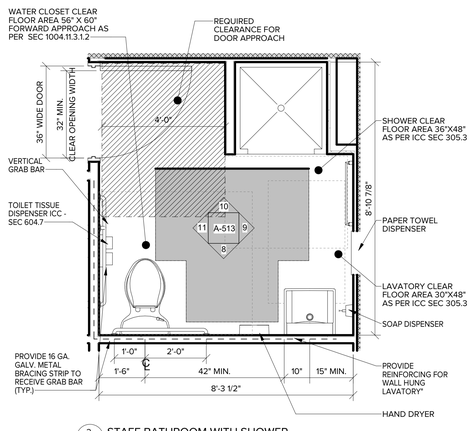

5 A-513 ELEVATION 28
1/2" = 1'-0"



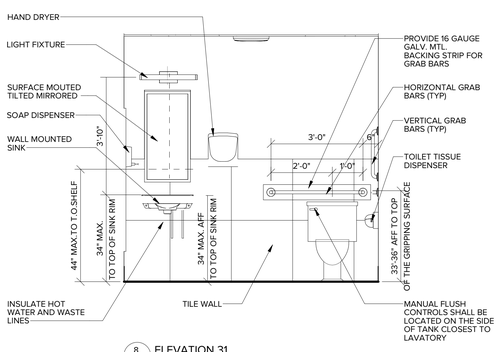

6 A-513 ELEVATION 29
1/2" = 1'-0"



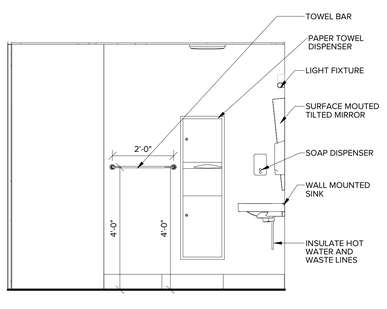

7 A-513 ELEVATION 30
1/2" = 1'-0"



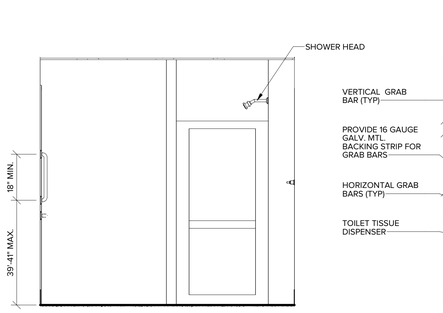

2 A-513 STAFF BATHROOM WITH SHOWER
1/2" = 1'-0"



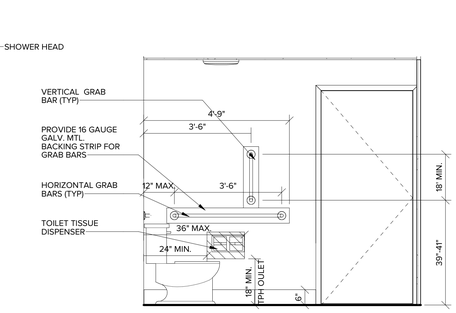

8 A-513 ELEVATION 31
1/2" = 1'-0"




9 A-513 ELEVATION 32
1/2" = 1'-0"




10 A-513 ELEVATION 33
1/2" = 1'-0"




11 A-513 ELEVATION 34
1/2" = 1'-0"

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150

Architect:
**AUFGANG.**
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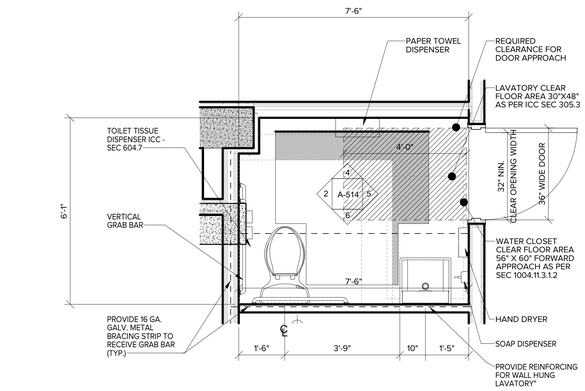
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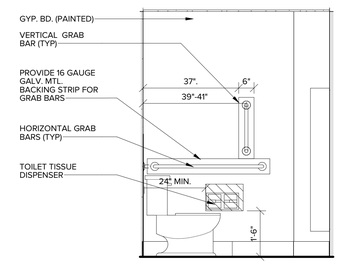
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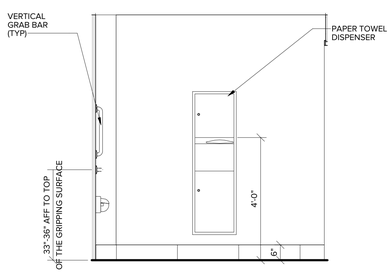
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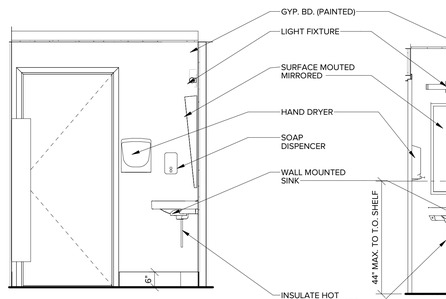

1 A-514 OFFICE BATHROOMS 1ST FLOOR
1/2" = 1'-0"



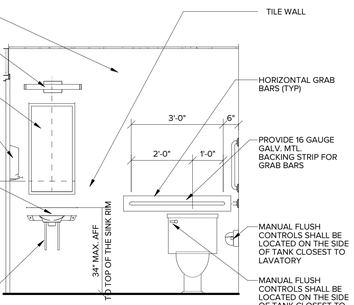

ELEVATION 35
1/2" = 1'-0"



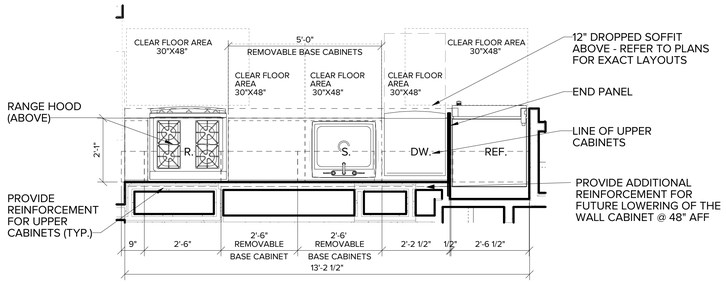

4 A-514 ELEVATION 36
1/2" = 1'-0"



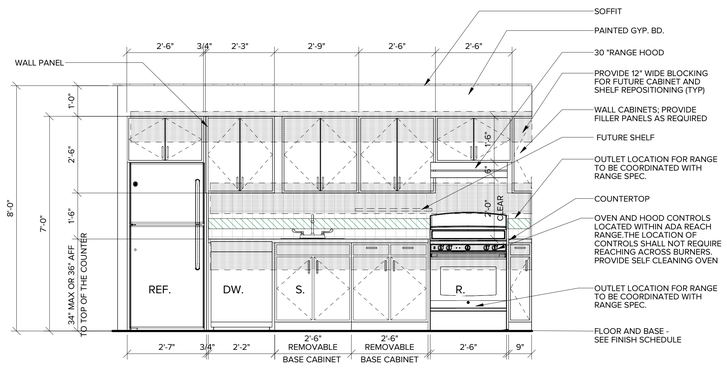

5 A-514 ELEVATION 37
1/2" = 1'-0"



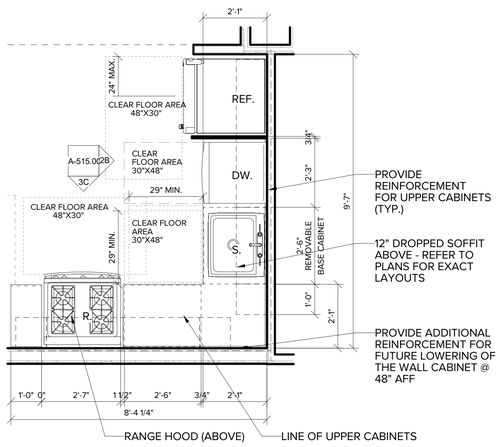

6 A-514 ELEVATION 38
1/2" = 1'-0"



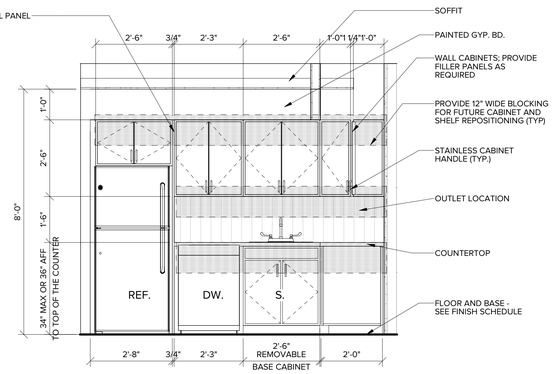

1 ENLARGED KITCHEN PLAN-STRIPE SHAPE
A-515.00 1/2" = 1'-0"



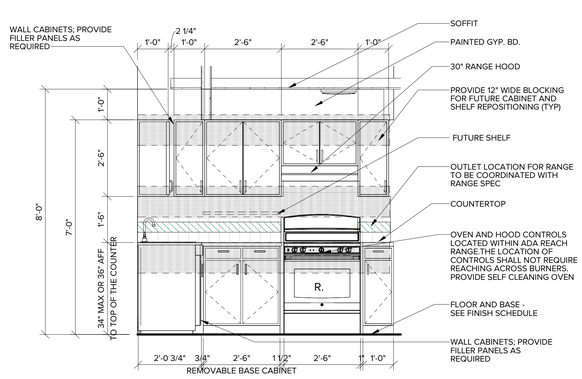

1A ELEVATION 1A
A-515.00 1/2" = 1'-0"



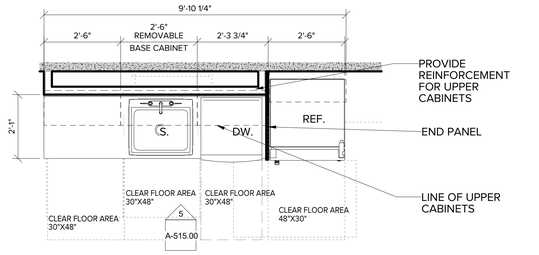

2 ENLARGED KITCHEN PLAN-L SHAPE
A-515.00 1/2" = 1'-0"



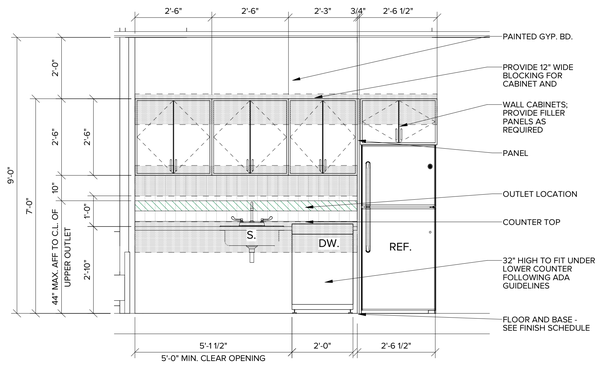

2B ELEVATION 2B
A-515.00 1/2" = 1'-0"




3C ELEVATION 3C
A-515.00 1/2" = 1'-0"




3 ENLARGED KTCHEN STAFF & LOUNGE
A-515.00 1/2" = 1'-0"




5 ELEVATION 4D
A-515.00 1/2" = 1'-0"

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
**AUFGANG.**
74 Lafayette Avenue
Suite 301
Suffern, NY 10901
845.368.0004
info@aufgang.com

Owner/Developer
**BRONX PARK GTAH II LLC:**
280 East 161st St.
Bronx, NY 10451

Structural Engineer
**DESIMONE ENGINEERING:**
140 Broadway
25th Floor
New York, NY 10005
212.532.2211

MEP Engineer
**EP ENGINEERING ASSOCIATES:**
110 William St.
32nd Floor
New York, NY 10038
646.779.0758

Civil Engineer
**PHILIP HABIB & ASSOCIATES:**
432 Park Ave. South
6th Floor
New York, NY 10016
212.929.5656


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| 01/08/2024 | ISSUED FOR 100% SD |

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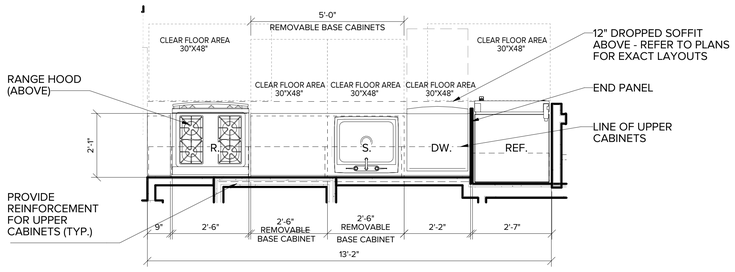
## TYPICAL KITCHEN PLANS & ELEVATIONS


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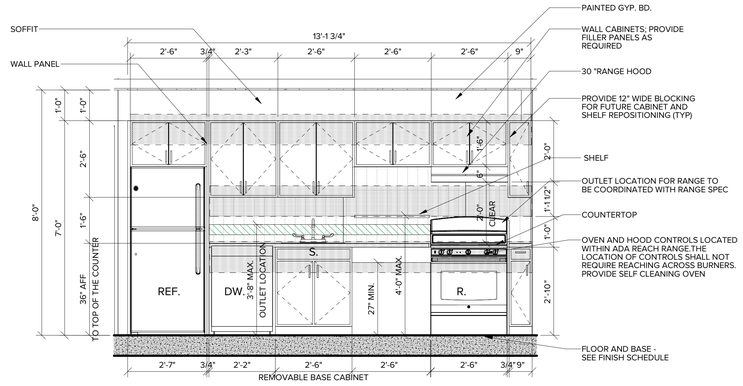

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DRAWN BY: Author
CHECKED BY: Checker
SCALE: 1/2" = 1'-0"
SHEET NO: OF
DRAWING NO: A-515.00

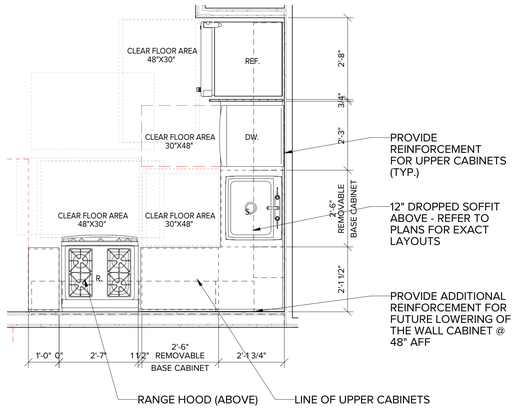
NYC DOB NUMBER: X00945951-I1



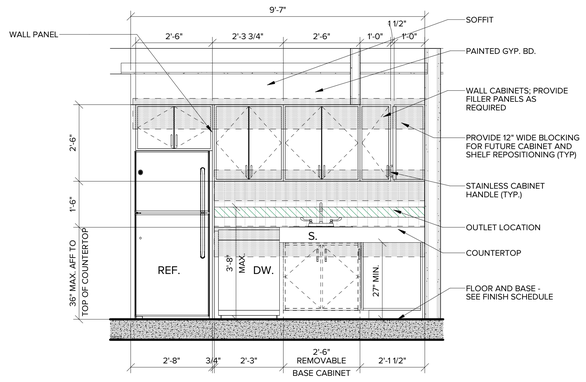

1 UFAS KITCHEN
A-516.00 1/2" = 1'-0"



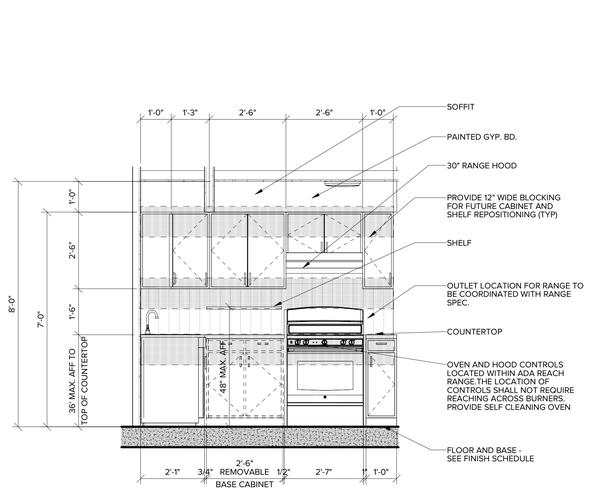

2 ELEVATION 2A
A-516.00 1/2" = 1'-0"




3 ENLARGED UFAS KITCHEN - L SHAPE
A-516.00 1/2" = 1'-0"




4 ELEVATION 3B
A-516.00 1/2" = 1'-0"




5 ELEVATION 4B
A-516.00 1/2" = 1'-0"

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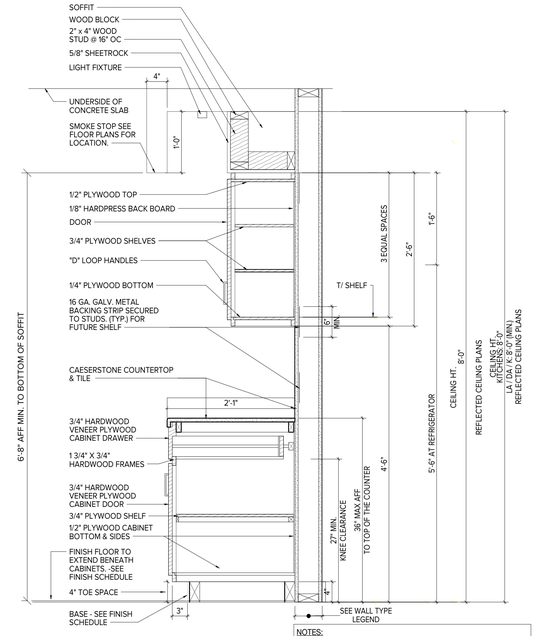
## UFAS KITCHEN PLANS & ELEVATIONS


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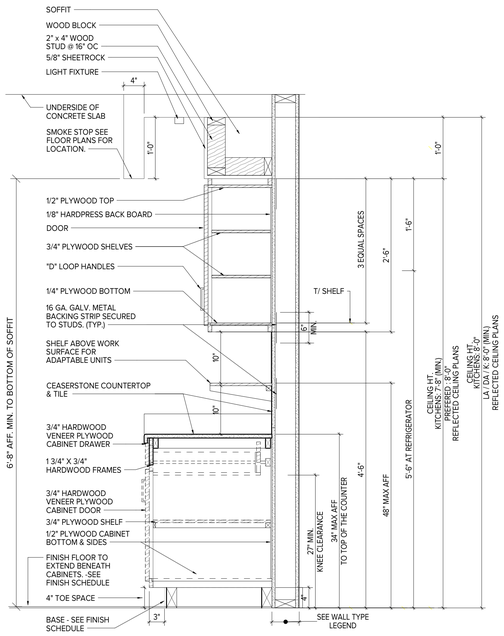
ISSUE DATE: 07/27/22
PROJECT NO: ~~Project Number~~
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CHECKED BY: Checker
SCALE: 1/2" = 1'-0"
SHEET NO: OF
DRAWING NO: A-516.00
NYC DOB NUMBER: X00945951-I1

## TYPICAL KITCHEN CABINET DIAGRAM




NOTES:
1. CONTRACTOR SHALL PROVIDE ALL REQUIRED FILLER STRIPS.
2. IN THE EVENT A PHYSICALLY HANDICAPPED PERSON MOVES INTO AN APARTMENT AT A LATER DATE, THE OWNER, AT HIS OWN EXPENSE WILL TAKE DOWN THE EXISTING CABINETS AND RE-INSTALL KITCHEN CABINETRY @ STANDARD A.D.A. MOUNTING HEIGHTS AS INDICATED ON THIS DRAWING.

TYP. KITCHEN CABINET DETAIL
1" = 1'-0"

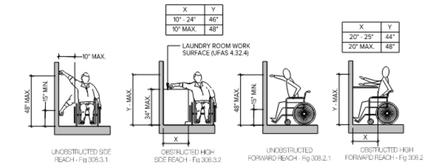


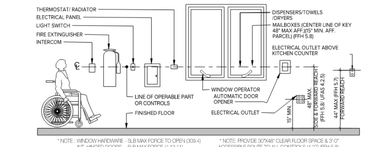

TYP. KITCHEN CABINET DETAIL UFAS
1" = 1'-0"

NOTES:
1. CONTRACTOR SHALL PROVIDE ALL REQUIRED FILLER STRIPS USE PARTICLE BOARD & MEDIUM DENSITY FIBER BOARD (MDF) THAT IS CERTIFIED COMPLIANT W/ THE ANSI 208.1 & 208.2.
2. IN THE EVENT A PHYSICALLY HANDICAPPED PERSON MOVES INTO AN APARTMENT AT A LATER DATE, THE OWNER, AT HIS OWN EXPENSE WILL TAKE DOWN THE EXISTING CABINETS AND RE-INSTALL KITCHEN CABINETRY AT STANDARD A.D.A. MOUNTING HEIGHTS AS INDICATED ON THIS DRAWING.
3. COUNTER-TOP SUPPORTS MUST BE PROVIDED WHERE BASE CABINETS ARE BEING REMOVED TO WITHSTAND THE APPLICATION OF A MAX. BENDING MOMENT OF 250 LBS (UFAS 4.26.3)
4. AT ALL ADAPTABLE & ACCESSIBLE APARTMENTS, THE FOLLOWING NOTICE MUST BE POSTED INSIDE THE COAT CLOSET:

PER UFAS SEC. 4.34.4. THIS UNIT MAY BE PROVIDED WITH THE FOLLOWING:

1. ALTERNATE HEIGHT FOR COUNTER TOPS IS 34" AT SINKS AND WORK AREAS. (INCLUDING UNDER-CABINET CLEARANCES [29"] AND TOP CABINET MAX. REACH HEIGHTS [48"].)
2. GRAB BARS AT TOILETS AND BATHTUBS.
3. VISUAL/AUDIBLE EMERGENCY ALARMS MAY BE INSTALLED IN SELECTED UNITS.
4. ITEMS 1.) THRU 3.) ABOVE ARE READILY AVAILABLE UPON TENANT'S REQUEST TO MANAGEMENT FOR INSTALLATION.
5. THIS UNIT HAS BEEN DESIGNED IN ACCORDANCE WITH "UNIFORM FEDERAL ACCESSIBILITY STANDARDS" (UFAS) GUIDELINES.




TYPICAL HANDICAP INSTALLATION HEIGHTS

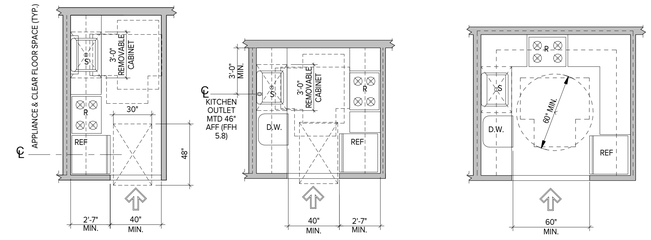



Fig 1013.12.1.1/ 804.21

Fig 1013.12.1.2/ 804.22

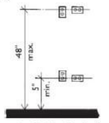
NOTE:
1. PROVIDE EITHER PARALLEL OR PERPENDICULAR APPROACH TO EACH FIXTURE/ APPLIANCE FFH 7.3
2. PARALLEL APPROACH IS REQUIRED A REFRIGERATOR (2014 NYC BC)
3. PROVIDE (2) 30" WIDE REMOVABLE CABINETS

KITCHEN HEIGHT REQUIREMENTS & MINIMUM KITCHEN CLEARANCE

## FAIR HOUSING ACT DESIGN MANUAL

### Mounting Locations for Outlets

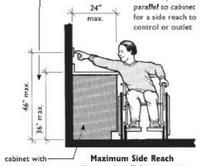
For accessible controls and outlets, all operable parts must be within the ranges specified above. When electrical outlets are installed horizontally or vertically, duplex outlets must have both receptacles within the reach range. Measurements are made as illustrated below.



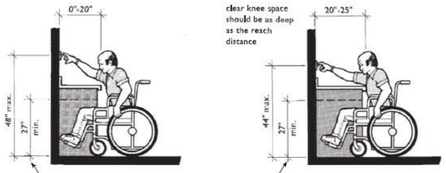

Mounting Height for Outlets

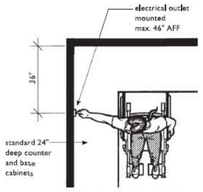
FHA DESIGN MANUAL (WHERE APPLICABLE)

Countertop is shown at the typical kitchen height of 36". The drawing in the Guidelines (taken from ANSI Figure 6(c)), on which this drawing is based, gives this dimension as 34". The 34" dimension shown in the Guidelines is in no way intended to dictate counter heights in covered dwelling units.

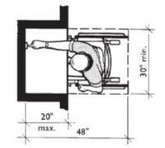


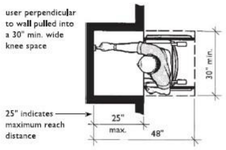

Maximum Side Reach (From a Parallel Approach) Over an Obstruction



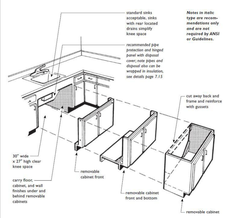




Electrical Outlets on Walls Over Cabinets Must Be a Minimum of 36" from a Corner

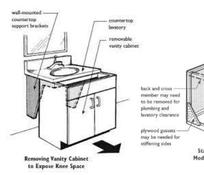


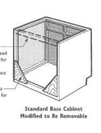

Maximum Forward Reach (From a Perpendicular Approach) over an Obstruction



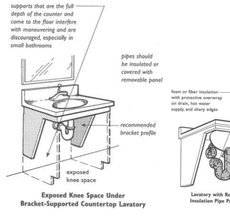

Possible Removable Cabinet Options for Required Knee Spaces at Sinks or Cooktops in Narrow (Less Than 60" Wide) U-Shaped Kitchens




Removing Vanity Cabinet to Expose Knee Space



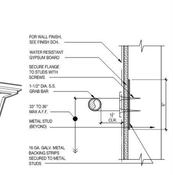

Standard Base Cabinet Modified to Be Removable



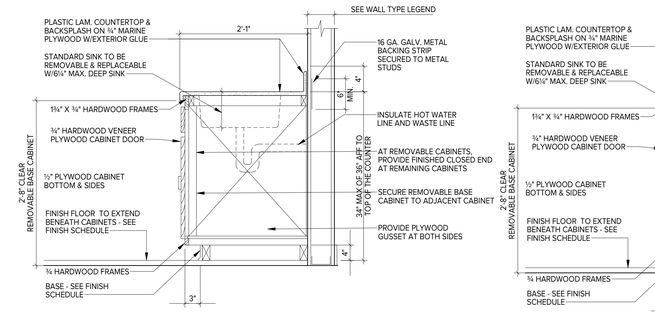

Exposed Knee Space Under Bracket-Supported Countertop Lavatory



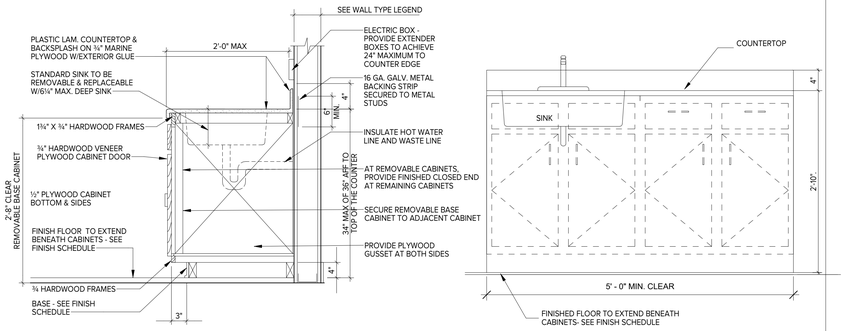

Lavatory with Removable Insulation Pipe Protection




GRAB BAR DETAIL



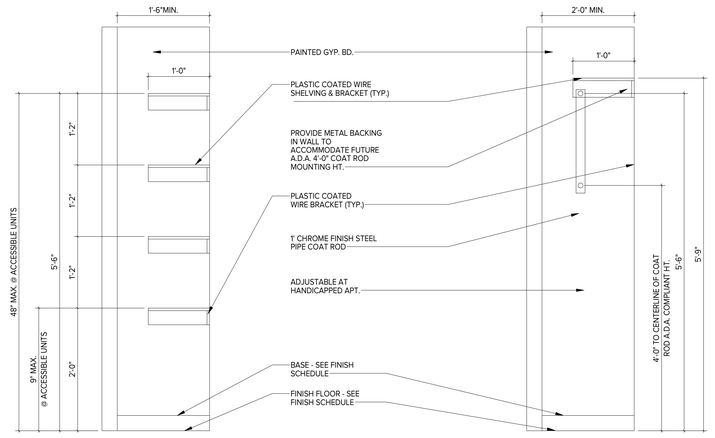

SECTION THRU REMOVABLE KITCHEN CABINET DETAIL
1 A-517.00 1" = 1'-0"




SECTION THRU REMOVABLE KITCHEN CABINET DETAIL - UFAS
3 A-517.00 1" = 1'-0"



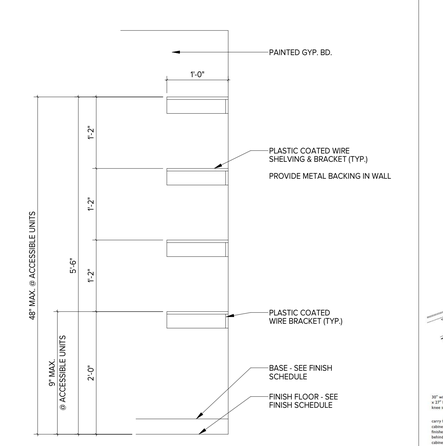

2 TYPICAL KITCHEN REMOVABLE BASE CABINET
A-517.00 1" = 1'-0"




LINEN CLOSET SHELVING
1" = 1'-0"




CLOSET / COAT CLOSET HANGING ROD & SHELF
1" = 1'-0"




STORAGE CLOSET SHELVING
1" = 1'-0"

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SHEET TITLE:

# KITCHEN AND MISCELLANEOUS INTERIOR MILLWORK DETAILS

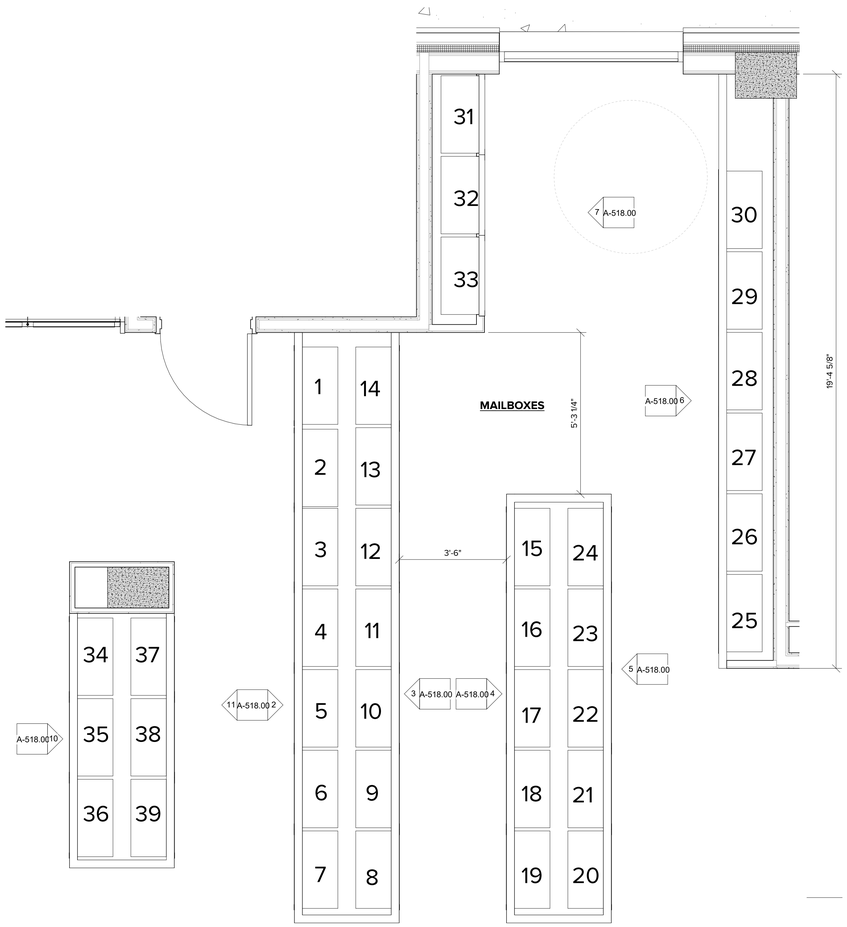

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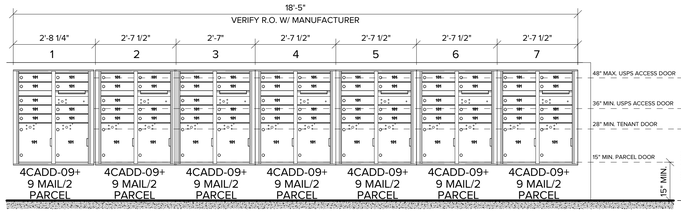
ISSUE DATE: 07/27/22
PROJECT NO: Project Number
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SCALE: As indicated
SHEET NO: OF

DRAWING NO:
# A-517.00

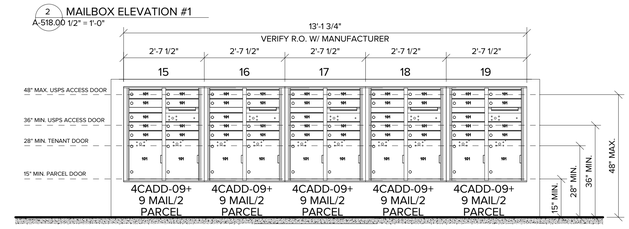
NYC DOB NUMBER: X00945951-I1



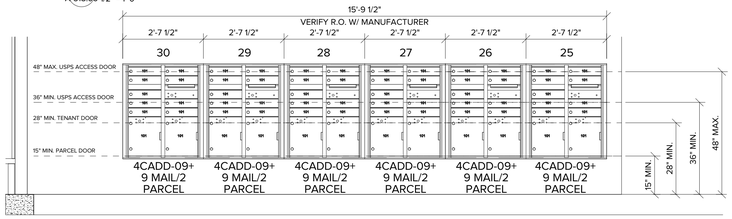

1 MAILBOX ROOM PLAN
A-518.00 1/2" = 1'-0"



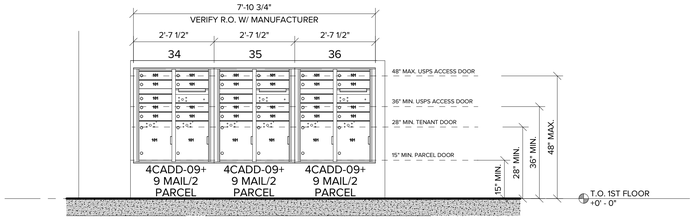

2 MAILBOX ELEVATION #1
A-518.00 1/2" = 1'-0"




4 MAILBOX ELEVATION #3
A-518.00 1/2" = 1'-0"

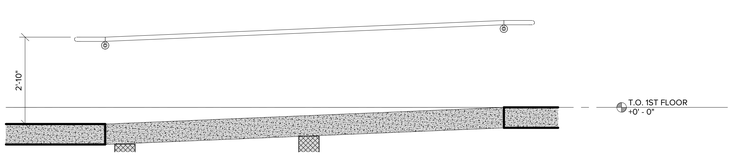



6 MAILBOX ELEVATION #5
A-518.00 1/2" = 1'-0"

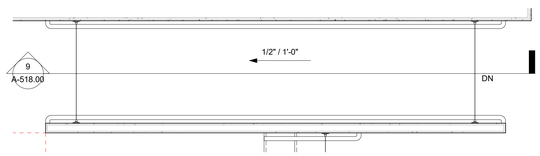



10 MAILBOX ELEVATION #7
A-518.00 1/2" = 1'-0"



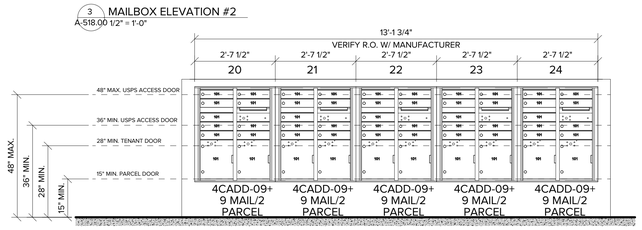




9 RAMP PLAN SECTION
A-518.00 1/2" = 1'-0"

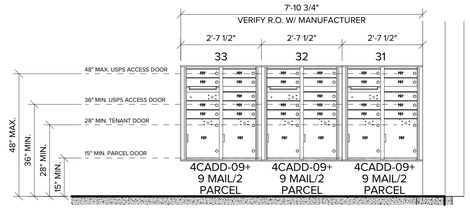



8 RAMP PLAN @ 1ST FLOOR
A-518.00 1/2" = 1'-0"

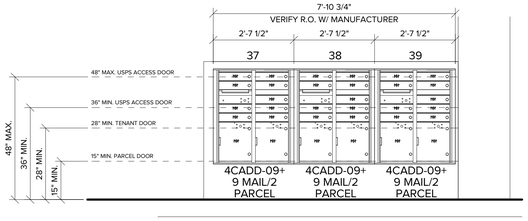
3 MAILBOX ELEVATION #2
A-518.00 1/2" = 1'-0"



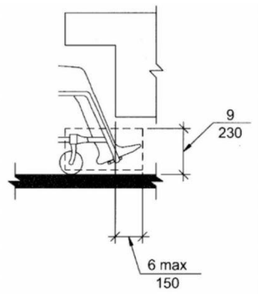

5 MAILBOX ELEVATION #4
A-518.00 1/2" = 1'-0"




7 MAILBOX ELEVATION #6
A-518.00 1/2" = 1'-0"




11 MAILBOX ELEVATION #8
A-518.00 1/2" = 1'-0"



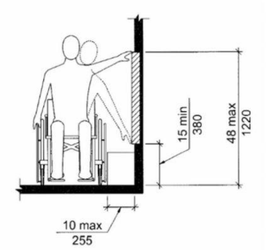




FIG. 308.3.1
UNOBSTRUCTED SIDE REACH

| BUILDING MAILBOX CALCULATION | | |
|---|---|---|
| TOTAL RESIDENTIAL DW = 347 APARTMANTS = 351 MAIL BOXES/66 PARCEL BOXES | | |
| BUILDING MAILBOX CONFIGURATION | | |
| MAILBOX MODEL | TENANT UNITS | REMARKS |
| (9) 4CADD-09 | 351 MAIL | 78ARCEL |
| | | |
| TOTAL: | 351 MAIL | 78 PARCEL |

GENERAL NOTES:

1. FURNISH AND INSTALL (1) PARCEL LOCKER PER (5) APARTMENT MAILBOXES.

2. ALL MAILBOXES SHALL BE "VERSATILE" STD-40 SUITE "A" (ALUMINUM), FRONT LOADING HORIZONTAL MAILBOX AS MANUFACTURED BY AUTH-FLORENCE.

3. CONTRACTOR SHALL VERIFY ALL ROUGH OPENINGS WITH MANUFACTURER.

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
**AUFGANG.**
74 Lafayette Avenue
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Suffern, NY 10901
845.368.0004
info@aufgang.com

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Civil Engineer
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212.929.5656


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| 05/02/2025 | ISSUED FOR 50% DD |
| 12/06/2024 | ISSUED FOR 100% SD |

SHEET TITLE:

# MAILBOX ROOM, RAMP AND ELEVATIONS

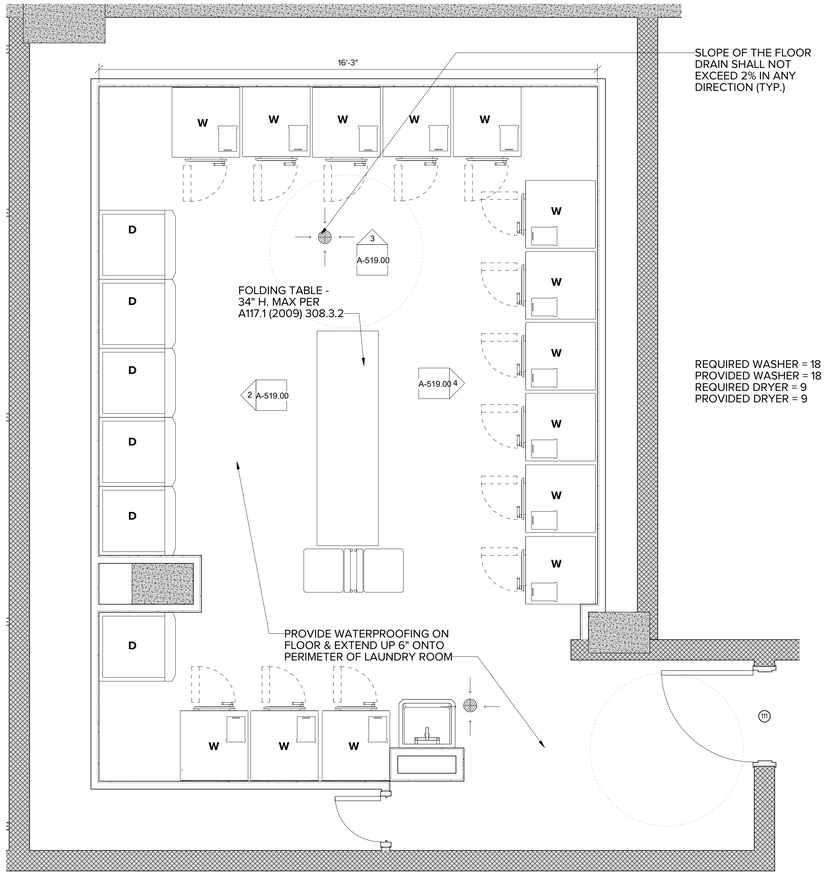

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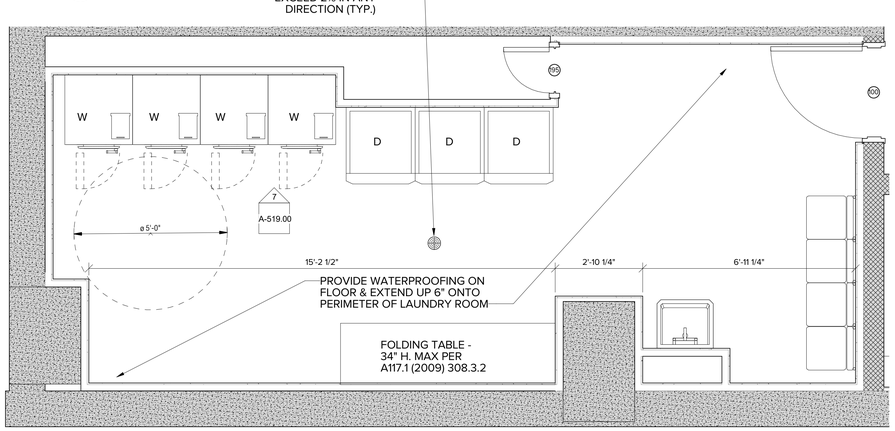
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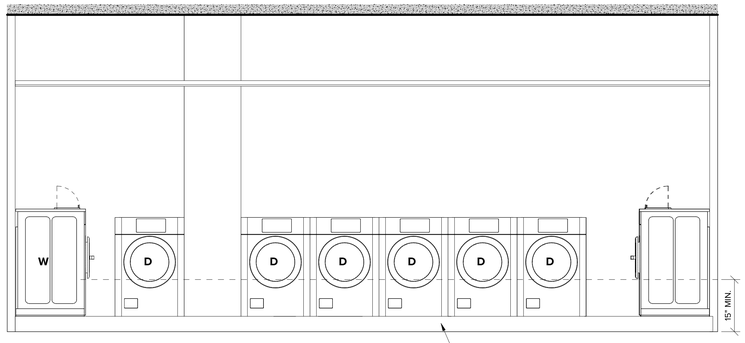
NYC DOB NUMBER: X00945951-I1



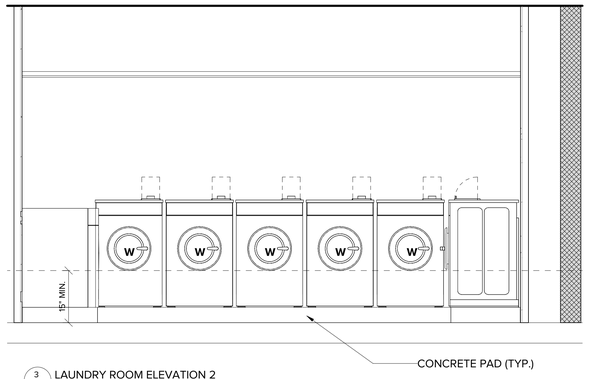

1 LAUNDRY ROOM
A-519.00 1/2" = 1'-0"



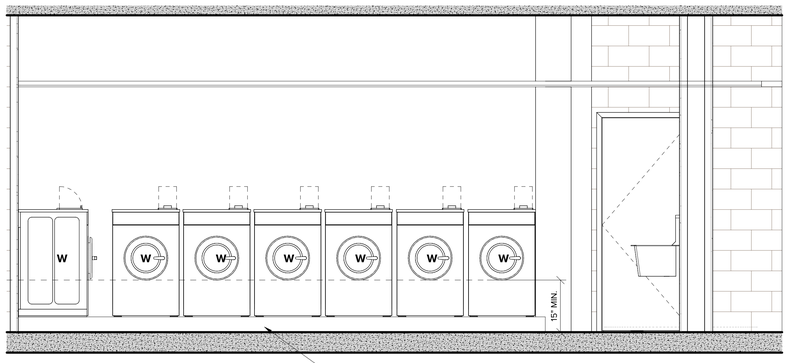

6 LAUNDRY ROOM 2
A-519.00 1/2" = 1'-0"



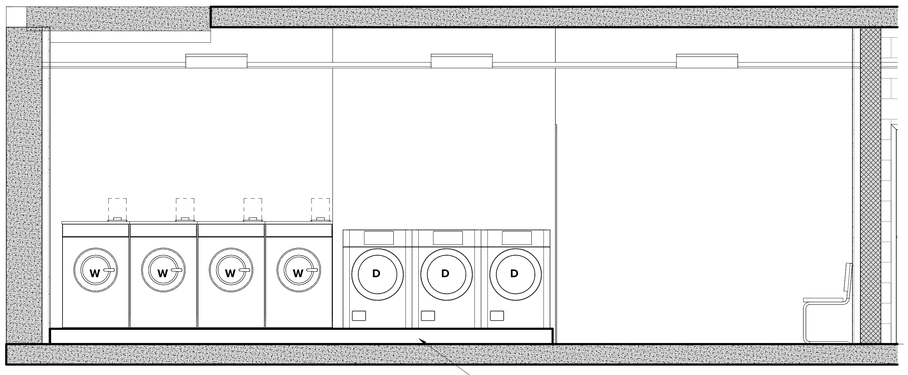

2 LAUNDRY ROOM ELEVATION 1
A-519.00 1/2" = 1'-0"




3 LAUNDRY ROOM ELEVATION 2
A-519.00 1/2" = 1'-0"




4 LAUNDRY ROOM ELEVATION 3
A-519.00 1/2" = 1'-0"




7 LAUNDRY ROOM 2 ELEVATION
A-519.00 1/2" = 1'-0"

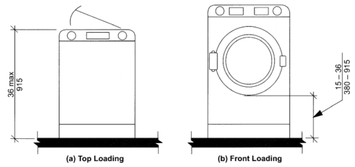
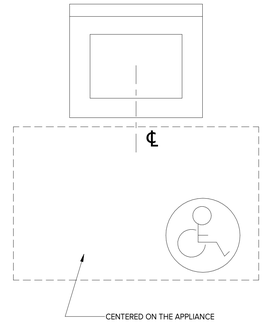
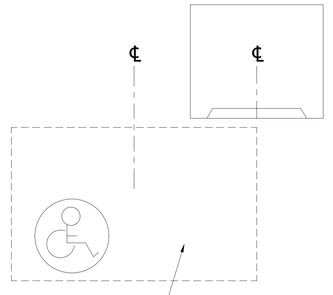



FIG. 611.4
HEIGHT OF LAUNDRY EQUIPMENT




(a) TOP LOADING




(b) FRONT LOADING

FIG. 611.2
CLEAR FLOOR SPACE

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
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845.368.0004
info@aufgang.com

Owner/Developer
**BRONX PARK GTAH II LLC:**
280 East 161st St.
Bronx, NY 10451

Structural Engineer
**DESIMONE ENGINEERING:**
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25th Floor
New York, NY 10005
212.532.2211

MEP Engineer
**EP ENGINEERING ASSOCIATES:**
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32nd Floor
New York, NY 10038
646.779.0758

Civil Engineer
**PHILIP HABIB & ASSOCIATES:**
432 Park Ave. South
6th Floor
New York, NY 10016
212.929.5656


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## LAUNDRY ROOM PLAN, AND ELEVATIONS

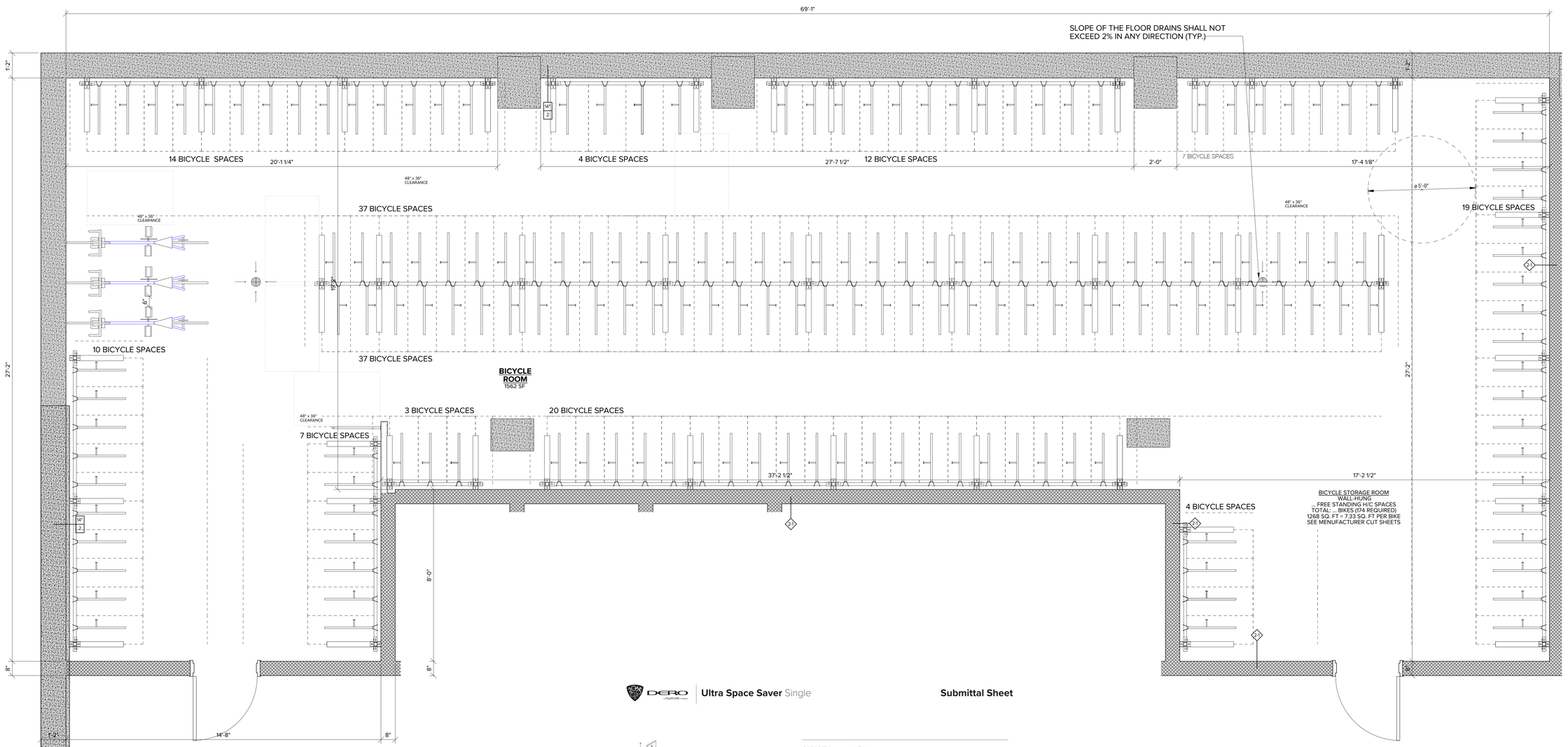

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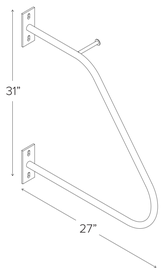
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1 BICYCLE ROOM PLAN
A-520.00 1/2" = 1'-0"

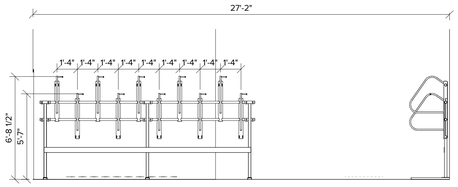
BICYCLE STORAGE ROOM
WALL-HUNG
... FREE STANDING H/C SPACES
TOTAL: ... BIKES (174 REQUIRED)
1268 SQ. FT = 7.33 SQ. FT PER BIKE
SEE MENUFACTURER CUT SHEETS

**DERO** | **Ultra Space Saver** Single — **Submittal Sheet**




| | |
|---|---|
| **CAPACITY** | 1 Bike |
| **MATERIALS** | **Body:** 1" OD 11 gauge tube with ½" steel round bar hanger<br>**Mounting flanges:** ¼" plate |
| **FINISHES** | ☐ **Powder Coat (Interior Use)**<br>Our interior powder coat finish assures a high level of adhesion and durability for indoor use by following these steps:<br>1. Sandblast<br>2. Final thick TGIC polyester powder coat<br>☐ **Powder Coat (Exterior Use)** Additional Cost<br>Our exterior powder coat finish assures a high level of adhesion and durability for outdoor or exposed air use by following these steps:<br>1. Sandblast<br>2. Epoxy primer electrostatically applied<br>3. Final thick TGIC polyester powder coat |
| **MOUNT OPTIONS** | **Wall only**<br>Wall mount has two 2.5" x 6" foot plates set 25" apart (centerline to centerline) with 4 fasteners. Can be set into concrete block, solid concrete, bricks, wood studs and other base materials. Tamper-resistant fasteners available upon request. |
| **TUBE OPTIONS** | ☐ **Round**<br>☐ **Square** |

2 BICYCLE CUT SHEET
A-520.00 1/2" = 1'-0"




3 BICYCLE ROOM TYPICAL ELEVATION
A-520.00 1/4" = 1'-0"

**BICYCLE PARKING**

| | | | | |
|---|---|---|---|---|
| 25-811 | RESIDENTIAL | 50% | 347 * 50% = 174 | 174 |
| 25-811 | RESIDENTIAL | 1 PER 10,000 | 131,858.50 / 10,000 = 14 | 0 |
| 36-711 | COMMERCIAL | 1 PER 10,000 | | 0 |
| 36-711 | COMM. FACILITY | 1 PER 10,000 | 124,914.23 / 10,000 = 13 | 13 |
| 36-711 | COMM. FACILITY | 1 PER 10,000 | 5,960 / 10,000 = 1 | 1 |
| PARKING CALCULATION ... | SPACES PROVIDED | | 1,268.00 | |

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PROPOSED NEW MIXED USE DEVELOPMENT FOR:

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BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150

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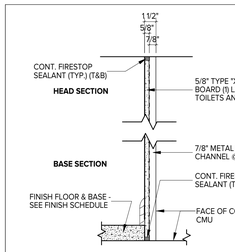
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## BICYCLE ROOM PLAN

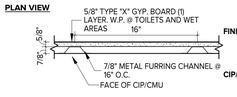
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PLAN VIEW

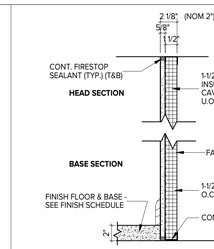



INTERIOR FURRING

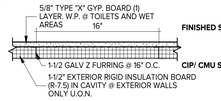
(1) LAYER 5/8" TYPE "X" GYP. BD. ON ONE SIDE OF 7/8" METAL FURRING CHANNEL 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE)

## 0-1 NON RATED FURRING @ INTERIOR CIP/CMU (CORRIDOR SIDE)

1 1/2" = 1'-0"




PLAN VIEW

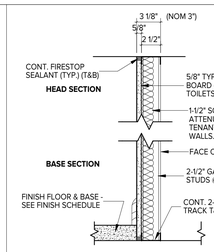



INTERIOR FURRING

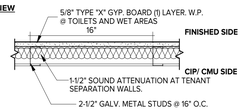
(1) LAYER 5/8" TYPE "X" GYP. BD. OVER 1-1/2" GALV. METAL FURRING OR Z CHANNEL, 1-1/2" RIGID INSULATION (R 7.5) AT EXTERIOR CONCRETE/CMU WALLS. W.P. GYP. BD. AT TOILET AND WET AREAS.

## 0-2 NON RATED FURRING @ INTERIOR CIP/CMU

1 1/2" = 1'-0"




PLAN VIEW

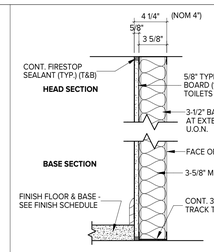



INTERIOR FURRING

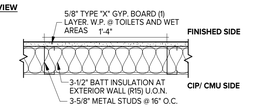
(1) LAYER 5/8" TYPE "X" WATER RESISTANT GYP. BD. ON ONE SIDE OF 2-1/2"" METAL STUDS 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE)

## 0-3 NON RATED FURRING @INTERIOR CIP/CMU

1 1/2" = 1'-0"




PLAN VIEW

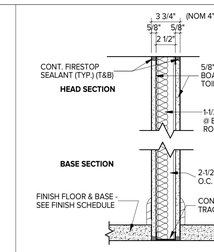



EXTERIOR CONC./CMU WALL FURRING

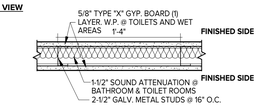
(1) LAYER 5/8" TYPE "X" WATER RESISTANT GYP. BD. ON ONE SIDE OF 3-5/8" METAL STUDS @ 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE) 3-1/2" BATT INSULATION AT EXTERIOR WALLS (R15)

## 0-4 NON RATED FURRING @ EXTERIOR CIP/CMU

1 1/2" = 1'-0"




PLAN VIEW

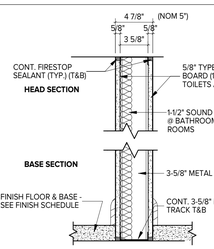



TYPICAL PARTITION

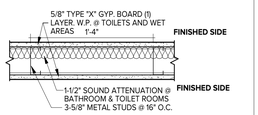
(1) LAYER 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 2-1/2" METAL STUDS @ 16" O.C. W.P. GYP. BD. AND 1-1/2" SOUND ATTENUATION AT BATHROOM AND TOILET ROOMS.

## 0-5 NON RATED PARTITION INTERIOR (TYPICAL PARTITION)

1 1/2" = 1'-0"




PLAN VIEW

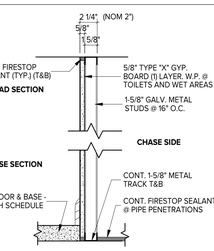



PARTITION @ PANEL

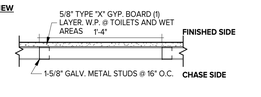
(1) LAYER 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 3-5/8" METAL STUDS @ 16" O.C. - W.P. GYP. BD. AND 1-1/2" SOUND ATTENUATION AT BATHROOM AND TOILET ROOMS.

## 0-6 NON RATED PARTITION @ INTERIOR

1 1/2" = 1'-0"




PLAN VIEW

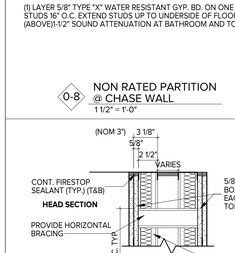



VERTICAL PIPE CHASE WALL

(1) LAYER 5/8" TYPE "X" W.P. GYP. BD. ON ONE SIDE OF 1-5/8"" METAL STUDS 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE)1-1/2" INSULATION AT COLD/HOT PIPES.

## 0-7 NON RATED PARTITION @PIPE CHASE WALL

1 1/2" = 1'-0"




PLAN VIEW

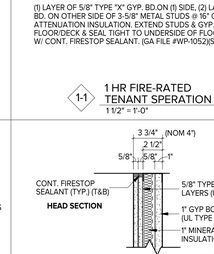



CHASE WALL PARTITION

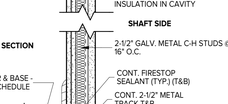
(1) LAYER 5/8" TYPE "X" WATER RESISTANT GYP. BD. ON ONE SIDE OF 2-1/2" METAL STUDS 16" O.C. EXTEND STUDS UP TO UNDERSIDE OF FLOOR OR ROOF (ABOVE)1-1/2" SOUND ATTENUATION AT BATHROOM AND TOILET ROOMS

## 0-8 NON RATED PARTITION @ CHASE WALL

1 1/2" = 1'-0"




PLAN VIEW

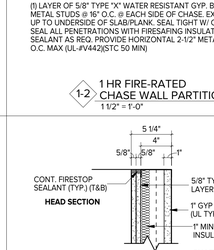



1 HR RATED TENANT PARTITION

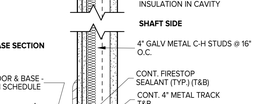
(1) LAYER OF 5/8" TYPE "X" GYP. BD.ON (1) SIDE, (2) LAYERS OF 5/8" TYPE "X" GYP. BD. ON OTHER SIDE OF 3-5/8" METAL STUDS @ 16" O.C. W/ 3-1/2" SOUND ATTENUATION INSULATION. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF FLOOR/DECK & SEAL TIGHT TO UNDERSIDE OF FLOOR DECK AND/OR ROOF DECK W/ CONT. FIRESTOP SEALANT. (GA FILE #WP-1052)(STC 50-54)

## 1-1 1 HR FIRE-RATED TENANT SEPERATION PARTITION

1 1/2" = 1'-0"




PLAN VIEW

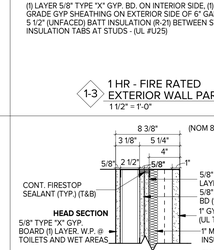



I HR RATED TENANT SEPARATION CHASE WALL PARTITION

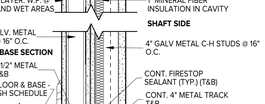
(1) LAYER OF 5/8" TYPE "X" WATER RESISTANT GYP. BD. ON ONE SIDE OF 2-1/2" METAL STUDS @ 16" O.C. @ EACH SIDE OF CHASE. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF SLAB/PLANK. SEAL TIGHT W/ CONT. FIRESTOP SEALANT, SEAL ALL PENETRATIONS WITH FIRESAFING INSULATION & CONT. FIRESTOP SEALANT AS REQ. PROVIDE HORIZONTAL 2-1/2" METAL STUD BRACING @ 48" O.C. MAX (UL-#V442)(STC 50 MIN)

## 1-2 1 HR FIRE-RATED CHASE WALL PARTITION

1 1/2" = 1'-0"




PLAN VIEW

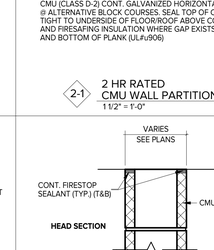



I HR RATED TENANT SEPARATION CHASE WALL PARTITION

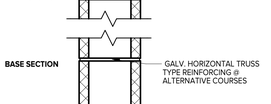
(1) LAYER OF 5/8" TYPE "X" WATER RESISTANT GYP. BD. ON ONE SIDE OF 2-1/2" METAL STUDS @ 16" O.C. @ EACH SIDE OF CHASE. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF SLAB/PLANK. SEAL TIGHT W/ CONT. FIRESTOP SEALANT, SEAL ALL PENETRATIONS WITH FIRESAFING INSULATION & CONT. FIRESTOP SEALANT AS REQ. PROVIDE HORIZONTAL 2-1/2" METAL STUD BRACING @ 48" O.C. MAX (UL-#V442)(STC 50 MIN)

## 1-3 1 HR - FIRE RATED EXTERIOR WALL PARTITION

1 1/2" = 1'-0"




PLAN VIEW




1 HR RATED EXTERIOR WALL PARTITION

(1) LAYER 5/8" TYPE "X" GYP. BD. ON INTERIOR SIDE, (1) LAYER 5/8" EXTERIOR GRADE GYP SHEATHING ON EXTERIOR SIDE OF 6" GAL. METAL STUDS @ 16" O.C. 5 1/2" (UNFACED) BATT INSULATION (R-21) BETWEEN STUDS OVERLAP INSULATION TABS AT STUDS - (UL #U25)

## 1-HR - FIRE RATED EXTERIOR WALL PARTITION

1 1/2" = 1'-0"




PLAN VIEW




2 HR RATED SHAFT WALL - MASONRY EQUIVALENT

(1) LAYER OF 5/8" FIBER REINFORCED CEMENT BD. (ASTM C 1629-0 IMPACT CLASSIFICATION LEVEL 2) OVER 5/8" TYPE "X" GYP. BD. (STAGGERED JOINTS) OVER THE EXTERIOR SIDE OF 4" C-H 3 MILL (20GA) METAL STUDS 16" O.C. W/ 1" FINER BD. (ASTM C 1629-0 LEVEL 3) INSERTED IN H PORTION OF STUDS. TYPE "AR" FIRE CODE PANELS - WP AT WET AREA. SECURE PANELS WITH NO 8 SELF DRILLING BUGLE HEAD SCREWS 12" O.C., SECURE TOP AND BOTTOM RUNNERS TO STRUCTURE. ASSEMBLY TEST ASTM 1629-0 LEVEL 2. FIRE TEST UL U415 SYSTEM E OR F / STC 45-49 W/1" MINERAL FIBER INSULATION IN CAVITY

## 2-1 2 HR RATED CMU WALL PARTITION

1 1/2" = 1'-0"




PLAN VIEW

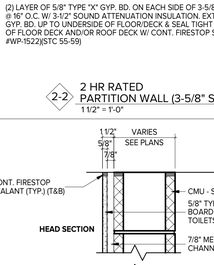



2 HR RATED CMU WALL

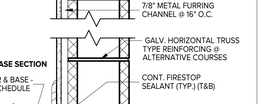
CMU (CLASS D-2) CONT. GALVANIZED HORIZONTAL TRUSS TYPE REINFORCING @ ALTERNATIVE BLOCK COURSES. SEAL TOP OF CONCRETE BLOCK WALL TIGHT TO UNDERSIDE OF FLOOR/ROOF ABOVE CONT. FIRESTOP SEALANT AND FIRESAFING INSULATION WHERE GAP EXISTS BETWEEN TOP OF WALL AND BOTTOM OF PLANK (UL#u906)

## 2-2 2 HR RATED PARTITION WALL (3-5/8" STUD)

1 1/2" = 1'-0"




PLAN VIEW

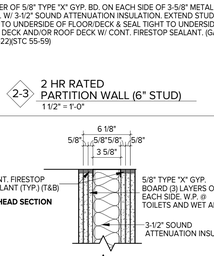



2 HR RATED PARTITION (3-5/8" STUD)

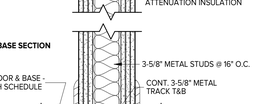
(2) LAYER OF 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 3-5/8" METAL STUDS @ 16" O.C. W/ 3-1/2" SOUND ATTENUATION INSULATION. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF FLOOR/DECK & SEAL TIGHT TO UNDERSIDE OF FLOOR DECK AND/OR ROOF DECK W/ CONT. FIRESTOP SEALANT. (GA FILE #WP-1522)(STC 55-59)

## 2-3 2 HR RATED PARTITION WALL (6" STUD)

1 1/2" = 1'-0"




PLAN VIEW




2 HR RATED PARTITION (6" STUD)

(2) LAYER OF 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 3-5/8" METAL STUDS @ 16" O.C. W/ 3-1/2" SOUND ATTENUATION INSULATION. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF FLOOR/DECK & SEAL TIGHT TO UNDERSIDE OF FLOOR DECK AND/OR ROOF DECK W/ CONT. FIRESTOP SEALANT. (GA FILE #WP-1522)(STC 55-59)

## 2-4 2 HR RATED CHASE WALL PARTITION

1 1/2" = 1'-0"




PLAN VIEW




2 HR RATED CHASE WALL PARTITION

(2) LAYERS OF 5/8" WATER RESISTANT GYP. BD. SHEATHING ON ONE SIDE OF 2-1/2" METAL STUDS @ 16" O.C. @ EACH SIDE OF CHASE. EXTEND STUDS & GYP. BD. UP TO UNDERSIDE OF SLAB. SEAL TIGHT W/ CONT. FIRESTOP SEALANT. SEAL ALL PENETRATIONS WITH FIRESAFING INSULATION & CONT. FIRESTOP SEALANT AS REQ. PROVIDE HORIZONTAL 2-1/2" METAL STUD BRACING @ 48" O.C. MAX (UL-#V442)(STC 50 MIN)

## 2-5 2 HR RATED SHAFT WALL (4")

1 1/2" = 1'-0"




PLAN VIEW




2 HR RATED SHAFT WALL

(2) LAYERS OF 5/8" TYPE "X" GYP BD ON ONE SIDE OF 2-1/2" METAL C-H STUDS @ 16" O.C. W/ (1) LAYER OF 1" TYPE "X" GYP LINER PANEL ON SHFT SIDE W/ 1" MINERAL FIBER INSULATION IN CAVITY. - SEAL TOP OF WALL TO CONC/PLANK (FIRE TEST UL U514 / STC 45-49)

## 2-6 2 HR RATED SHAFT WALL (5")

1 1/2" = 1'-0"




PLAN VIEW




2 HR RATED SHAFT WALL

(2) LAYERS OF 5/8" TYPE "X" GYP BD ON ONE SIDE OF 4" METAL C-H STUDS @ 16" O.C. W/ (1) LAYER OF 1" TYPE "X" GYP LINER PANEL ON SHFT SIDE W/ 1" MINERAL FIBER INSULATION IN CAVITY. - SEAL TOP OF WALL TO CONC/PLANK (FIRE TEST UL U514 / STC 45-49)

## 2-7 2 HR RATED SHAFT WALL - MASONRY EQ.

1 1/2" = 1'-0"




PLAN VIEW




2 HR RATED SHAFT WALL - MASONRY EQUIVALENT

(1) LAYER OF 5/8" FIBER REINFORCED CEMENT BD. (ASTM C 1629-0 IMPACT CLASSIFICATION LEVEL 2) OVER 5/8" TYPE "X" GYP. BD. (STAGGERED JOINTS) OVER THE EXTERIOR SIDE OF 4" C-H 3 MILL (20GA) METAL STUDS 16" O.C. W/ 1" FINER BD. (ASTM C 1629-0 LEVEL 3) INSERTED IN H PORTION OF STUDS. TYPE "AR" FIRE CODE PANELS - WP AT WET AREA. SECURE PANELS WITH NO 8 SELF DRILLING BUGLE HEAD SCREWS 12" O.C., SECURE TOP AND BOTTOM RUNNERS TO STRUCTURE. ASSEMBLY TEST ASTM 1629-0 LEVEL 2. FIRE TEST UL U415 SYSTEM E OR F / STC 45-49 W/1" MINERAL FIBER INSULATION IN CAVITY

## 3-1 3 HR RATED CMU WALL PARTITION

1 1/2" = 1'-0"




PLAN VIEW




3 HR RATED CMU WALL

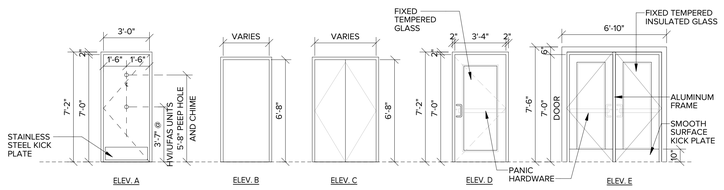
C

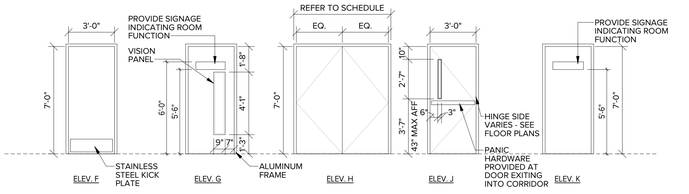
**LIST OF ABBREVIATIONS:**

**DOOR SCHEDULE**

**DOOR NOTES**

| | | DOOR | | | | | | | | | | FRAME | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Program | ROOM DESIGNATION | DOOR DESIGNATION | DOOR ELEVATION | WIDTH | HEIGHT | THICKNESS | TYPE | MATERIAL | FINISH | FIRE RATING | STC RATING | MATERIAL | FINISH | FIRE RATING | SADDLE MATERIAL | HARDWARE SET | REMARKS |
| | | 135 | | 2' - 10" | 6' - 11" | | | | | | | | | | | | |
| APARTMENT | | | | | | | | | | | | | | | | | |
| APARTMENT | APARTMENT ENTRY | 1 | A | 3' - 0" | 7' - 0" | 1 3/4" | FL | H.M. | PTD. | 3/4 HR | 35 | STL | PTD. | 1 1/2 HR | ALUM. | | |
| APARTMENT | BATHROOM | 2 | B | 3' - 0" | 6' - 8" | 1 3/8" | FL/HC | H.M. | PTD. | 3/4 HR | - | H.M. | PTD. | - | MAR | | |
| APARTMENT | BEDROOM | 3 | B | 3' - 0" | 6' - 8" | 1 3/8" | FL/HC | H.M. | PTD. | 3/4 HR | - | H.M. | PTD. | - | - | | |
| APARTMENT | CLOSET - SWINGING DOOR | 4 | B | 3' - 0" | 6' - 8" | 1 3/8" | FL/HC | WD | PTD. | - | - | H.M. | PTD. | - | - | | |
| APARTMENT | CLOSET - SWINGING DOOR | 4a | B | 2' - 6" | 6' - 8" | 1 3/8" | FL/HC | WD | PTD. | - | - | H.M. | PTD. | - | - | | |
| APARTMENT | CLOSET - SWINGING DOOR | 4b | B | 2' - 0" | 6' - 8" | 1 3/8" | FL/HC | WD | PTD. | - | - | H.M. | PTD. | - | - | | |
| APARTMENT | CLOSET - SWINGING DOOR | 4c | B | 1' - 8" | 6' - 8" | 1 3/8" | FL/HC | WD | PTD. | - | - | H.M. | PTD. | - | - | | |
| APARTMENT | CLOSET - DOUBLE DOOR | 5 | C | 5' - 0" | 6' - 8" | 1 3/8" | FL/HC | WD | PTD. | - | - | H.M. | PTD. | - | - | | |
| APARTMENT | CLOSET - DOUBLE DOOR | 5a | C | 4' - 0" | 6' - 8" | 1 3/8" | FL/HC | WD | PTD. | - | - | H.M. | PTD. | - | - | | |
| APARTMENT | CLOSET - DOUBLE DOOR | 6 | C | 3' - 0" | 6' - 8" | 1 3/8" | FL/HC | WD | PTD. | - | - | H.M. | PTD. | - | - | | |
| APARTMENT | CLOSET - DOUBLE DOOR | 98 | C | 3' - 0" | 6' - 8" | 1 3/8" | FL/HC | WD | PTD. | - | - | H.M. | PTD. | - | - | | |
| APARTMENT | CLOSET - DOUBLE DOOR | 99 | C | 3' - 0" | 6' - 8" | 1 3/8" | FL/HC | WD | PTD. | - | - | H.M. | PTD. | - | - | | |
| CELLAR | | | | | | | | | | | | | | | | | |
| CELLAR | PUBLIC BATHROOM @ CELLAR | 41 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL/HC | WD | PTD. | - | - | STL | PTD. | - | ALUM. | | |
| CELLAR | PUBLIC BATHROOM @ CELLAR | 42 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL/HC | WD | PTD. | - | - | STL | PTD. | - | ALUM. | | |
| CELLAR | ELECTRICAL ROOM @ CELLAR | 95 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | | |
| CELLAR | WORKSHOP ROOM @ CELLAR | 100 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | | |
| CELLAR | STAFF ROOM @ CELLAR | 101 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | | |
| CELLAR | SUPER OFFICE ROOM @ CELLAR | 102 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | | |
| CELLAR | SUPPLY ROOM @ CELLAR | 103 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | | |
| CELLAR | FIRE PUMP ROOM @ CELLAR | 104 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | | |
| CELLAR | MECHANICAL ROOM @ CELLAR | 105 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | | |
| CELLAR | ELECTRICAL ROOM @ CELLAR | 107 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | | |
| CELLAR | TELECOM ROOM @ CELLAR | 110 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | | |
| CELLAR | LAUNDRY ROOM @ CELLAR | 111 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | | |
| CELLAR | BICYCLE ROOM @ CELLAR | 112 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL | WD | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | | |
| CELLAR | BICYCLE ROOM @ CELLAR | 113 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL | WD | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | 18 | |
| CELLAR | ELECTRICAL ROOM @ CELLAR | 114 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | | |
| CELLAR | ELECTRICAL ROOM @ CELLAR | 115 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | | |
| CELLAR | ATS ROOM @ CELLAR | 116 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | | |
| 1ST FLOOR | | | | | | | | | | | | | | | | | |
| 1ST FLOOR | BUILDING ENTRY @ 1ST FLOOR | 10 | | 5' - 10 5/32" | 9' - 11 3/4" | | | | | | | | | | | | |
| 1ST FLOOR | BUILDING ENTRY VESTIBULE @ 1ST FLOOR | 11 | D | 3' - 0" | 7' - 0" | 1 3/4" | GLASS | ALUM./GL. | GLASS | 1 1/2 HR | 35 | ALUM. | PTD. | 1 1/2 HR | ALUM. | | |
| 1ST FLOOR | SECURITY ROOM @ 1ST FLOOR | 12 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | | |
| 1ST FLOOR | RECREATION ROOM @ 1ST FLOOR | 14 | C | 5' - 0" | 7' - 0" | 1 3/4" | FL/HC | STL | PTD. | - | - | H.M. | PTD. | - | - | | |
| 1ST FLOOR | RECREATION ROOM @ 1ST FLOOR | 15 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | | |
| 1ST FLOOR | COMPACTOR ROOM @ 1ST FLOOR | 17 | F | 3' - 1" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | 15 | |
| 1ST FLOOR | COMPACTOR ROOM @ 1ST FLOOR | 18 | F | 3' - 1" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | | |
| 1ST FLOOR | PACKAGE ROOM @ 1ST FLOOR | 19 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | 20 | |
| 1ST FLOOR | LOUNGE ROOM @ 1ST FLOOR | 20 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL | WD | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | 18 | |
| 1ST FLOOR | PUBLIC BATHROOM @ 1ST FLOOR | 43 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL/HC | WD | PTD. | - | - | STL | PTD. | - | ALUM. | | |
| 1ST FLOOR | PUBLIC BATHROOM @ 1ST FLOOR | 44 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL/HC | WD | PTD. | - | - | STL | PTD. | - | ALUM. | | |
| 1ST FLOOR | PUBLIC BATHROOM @ 1ST FLOOR | 96 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL/HC | WD | PTD. | - | - | STL | PTD. | - | ALUM. | | |
| 1ST FLOOR | PUBLIC BATHROOM @ 1ST FLOOR | 97 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL/HC | WD | PTD. | - | - | STL | PTD. | - | ALUM. | | |
| 1ST FLOOR | PUBLIC BATHROOM @ 1ST FLOOR | 117 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL/HC | WD | PTD. | - | - | STL | PTD. | - | ALUM. | | |
| 1ST FLOOR | PUBLIC BATHROOM @ 1ST FLOOR | 118 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL/HC | WD | PTD. | - | - | STL | PTD. | - | ALUM. | | |
| 1ST FLOOR | PUBLIC BATHROOM @ 1ST FLOOR | 119 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL/HC | WD | PTD. | - | - | STL | PTD. | - | ALUM. | | |
| 1ST FLOOR | PUBLIC BATHROOM @ 1ST FLOOR | 128 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL/HC | WD | PTD. | - | - | STL | PTD. | - | ALUM. | | |
| 1ST FLOOR | PUBLIC BATHROOM @ 1ST FLOOR | 129 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL/HC | WD | PTD. | - | - | STL | PTD. | - | ALUM. | | |
| 1ST FLOOR | PUBLIC BATHROOM @ 1ST FLOOR | 131 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL/HC | WD | PTD. | - | - | STL | PTD. | - | ALUM. | | |
| 1ST FLOOR | PUBLIC BATHROOM @ 1ST FLOOR | 132 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL/HC | WD | PTD. | - | - | STL | PTD. | - | ALUM. | | |
| 2ND FLOOR | | | | | | | | | | | | | | | | | |
| 2ND FLOOR | REFUSE ROOM @ 2ND FLOOR | 80 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | | - | STL | PTD. | 1 1/2 HR | ALUM. | 21 | |
| 2ND FLOOR | JANITOR ROOM @ 2ND FLOOR | 90 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | | - | STL | PTD. | 1 1/2 HR | ALUM. | 14 | |
| 2ND FLOOR | ELEC. CL ROOM @ 2ND FLOOR | 120 | H | 4' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | 13 | |
| 2ND FLOOR | ELEC. CL ROOM @ 2ND FLOOR | 121 | H | 4' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | 13 | |
| 2ND FLOOR | LAUNDRY SERVICE ROOM | 133 | F | 1' - 6" | 7' - 0" | 1 3/4" | FL | H.M. | PTD. | - | | H.M. | PTD. | | | | |
| 2ND FLOOR | LAUNDRY SERVICE ROOM | 195 | F | 1' - 6" | 7' - 0" | 1 3/4" | FL | H.M. | PTD. | - | | H.M. | PTD. | | | #7 | |
| 3RD-9TH FLOOR | | | | | | | | | | | | | | | | | |
| 3RD-9TH FLOOR | ELEC. CL ROOM @ 3RD-9TH FLOOR | 122 | H | 4' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | 13 | |
| 3RD-9TH FLOOR | ELEC. CL ROOM @ 3RD-9TH FLOOR | 123 | H | 4' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | 13 | |
| 16TH-26TH FLOOR | | | | | | | | | | | | | | | | | |
| 16TH-26TH FLOOR | REFUSE ROOM @ 16TH-26TH FLOOR | 83 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | | - | STL | PTD. | 1 1/2 HR | ALUM. | 21 | |
| 16TH-26TH FLOOR | JANITOR ROOM @ 16TH-26TH FLOOR | 93 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | | - | STL | PTD. | 1 1/2 HR | ALUM. | 14 | |
| 16TH-26TH FLOOR | ELEC. CL ROOM @ 16TH-26TH FLOOR | 126 | H | 4' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | 13 | |
| 16TH-26TH FLOOR | ELEC. CL ROOM @ 16TH-26TH FLOOR | 127 | H | 4' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | 13 | |
| PUBLIC SPACE | | | | | | | | | | | | | | | | | |
| PUBLIC SPACE | FIRE STAIR @ CELLAR | 49 | J | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | | |
| PUBLIC SPACE | FIRE STAIR @ CELLAR | 50 | J | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | | |
| PUBLIC SPACE | EXIT FIRE STAIR @ 1ST FLOOR | 54 | J | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | | |
| PUBLIC SPACE | FIRE STAIR @ 2ND FLOOR | 55 | J | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | | |
| PUBLIC SPACE | FIRE STAIR @ 2ND FLOOR | 56 | J | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | | |
| PUBLIC SPACE | FIRE STAIR @ 3RD-9TH FLOOR | 57 | J | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | | |
| PUBLIC SPACE | EXIT FIRE STAIR @ 1ST FLOOR | 58 | J | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | | |
| PUBLIC SPACE | FIRE STAIR @ 10TH-15TH FLOOR | 59 | J | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | | |
| PUBLIC SPACE | FIRE STAIR @ 10TH-15TH FLOOR | 60 | J | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | | |
| PUBLIC SPACE | FIRE STAIR @ 16TH-26 TH FLOOR | 61 | J | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | | | |
| PUBLIC SPACE | FIRE STAIR @ 16TH-26 TH FLOOR | 62 | J | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | | | |
| PUBLIC SPACE | FIRE STAIR @ ROOF FLOOR | 63 | J | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | | | |
| PUBLIC SPACE | FIRE STAIR @ ROOF FLOOR | 64 | J | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | | | |
| PUBLIC SPACE | FIRE STAIR @ TYPICAL FLOOR | 70 | J | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | | |
| PUBLIC SPACE | FIRE STAIR @ 1ST FLOOR | 94 | J | 3' - 0" | 6' - 8" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | | |
| SERVICE SPACES | | | | | | | | | | | | | | | | | |
| SERVICE SPACES | SUPER SHOP | 199 | F | 3' - 0" | 7' - 0" | 1 3/4" | FL | STL | PTD. | 1 1/2 HR | - | STL | PTD. | 1 1/2 HR | ALUM. | | |

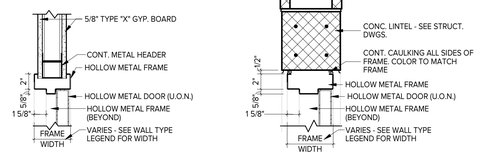



## DOOR ELEVATIONS
1/4" = 1'-0"

DOOR NOTES:

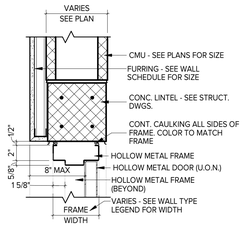
1. FOR DOOR HARDWARE SCHEDULE SEE SPECIFICATIONS
2. ALL HARDWARE SHALL BE LEVER HANDLE AS PER A.D.A. REQUIREMENTS (U.O.N.)
3. PROVIDE ADA MARBLE SADDLES AT ALL FLOOR TO TILE TRANSITIONS (U.O.N.)
4. ALL EXTERIOR DOORS SHALL BE INSULATED AND PROVIDED WITH WEATHER STRIPPING AT ALL SIDES. WEATHER STRIPPING MUST HAVE MECHANICALLY ATTACHED SWEEPS THAT ARE MADE OF SOLID MATERIAL (I.E. NOT A BRUSH)
5. ALL EXIT ACCESS DOORS SHALL BE PROVIDED WITH SELF CLOSER AND SMOKE PROOF ADA SADDLE
6. ALL ENTRY AND EXIT DISCHARGE DOORS SHALL BE PROVIDE WITH PANIC HARDWARE, SELF CLOSER, AND SMOKE PROOF ADA SADDLE
7. ALL EXTERIOR DOORS SHALL INCLUDE DOOR SWITCHES TO DISABLE MECHANICAL COOLING/HEATING WHEN OPEN
8. PROVIDE WEATHER STRIPPING @ ALL APT'S ENTRY & STAIR DOORS OFF OF CORRIDOR
9. ANODIZED ALUMINUM FINISH COLOR WILL BE APPROVED BY THE ARCHITECT TOGETHER WITH FINISHES MOCK UP.
10. ALL GLASS DOORS SHALL HAVE A U-FACTOR OF .40 AND SHGC RATING OF .30 AND ALL INSULATED DOORS SHALL HAVE A U-FACTOR OF .40 U.O.N ON COMCHECK CALCULATIONS
11. MAXIMUM FORCE TO OPEN DOORS IS 5 LBS (INTERIOR DOOR) AND 8.5 LBS (EXTERIOR DOOR)
12. AIR LEAKAGE, U-FACTOR, SHGC, & R-VALUE FOR FENESTRATION DOORS SHALL BE LABELED AND CERTIFIED BY THE MANUFACTURER
13. ALL FIRE RESISTANT RATED DOORS SHALL BE SELF CLOSING
14. ALL EXTERIOR DOORS, MECHANICAL DOORS, AND DOORS SEPERATING UNCONDITIONED FROM CONDITIONED SPACE SHALL BE WEATHER-STRIPPED. WEATHER STRIPPING SHALL BE OF THE RIGID TYPE AND HARD FASTENED TO THE DOOR FRAME
15. ALL EXTERIOR DOOR THRESHOLDS TO BE SET IN A CONTINUOUS BED OF SEALANT
16. DOOR SWEEPS SHALL BE PROVIDED @ ALL APT'S ENTRY TO PREVENT AIR LEAKAGE AND MINIMIZE PESTS MOVEMENT
17. ALL SIGNAGE SHALL INCLUDED LETTERS AND BRAILLE THAT COMPLIES WITH A117.1 SECTION 703.3.11



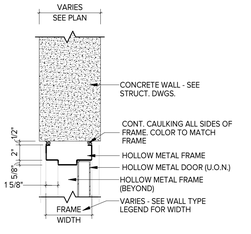

DOOR HEADER
@ GYP. WALL
1 1/2" = 1'-0"



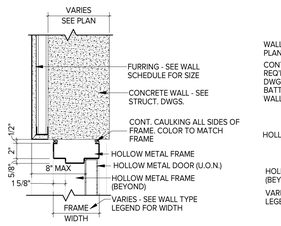

DOOR HEADER
@ CMU WALL
1 1/2" = 1'-0"



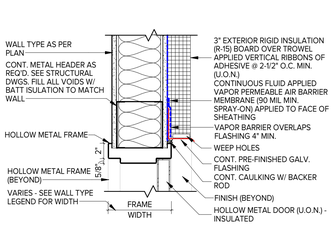

DOOR HEADER
@ CMU WALL W/FURRING
1 1/2" = 1'-0"



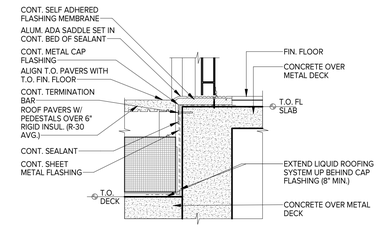

DOOR HEADER
@ CIP WALL
1 1/2" = 1'-0"



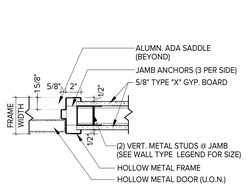

DOOR HEADER
@ CIP WALL W/FURRING
1 1/2" = 1'-0"



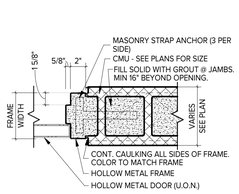

TYPICAL ROOF BULKHEAD DOOR
HEAD DETAIL @ STUD WALL
1 1/2" = 1'-0"



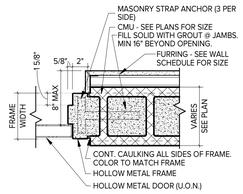

TYP. DOOR SILL DETAIL
@ DROPPED SLAB W/PAVERS
1 1/2" = 1'-0"



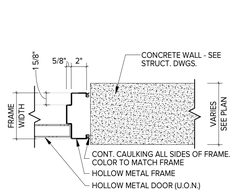

DOOR JAMB
@ GYP. WALL
1 1/2" = 1'-0"



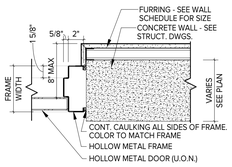

DOOR JAMB
@ CMU WALL
1 1/2" = 1'-0"



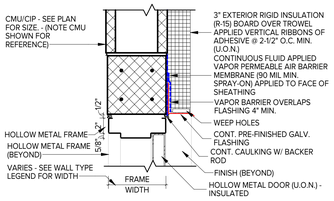

DOOR JAMB
@ CMU WALL W/FURRING
1 1/2" = 1'-0"



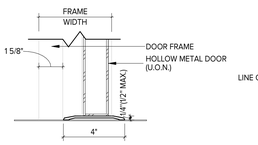

DOOR JAMB
@ CIP WALL
1 1/2" = 1'-0"



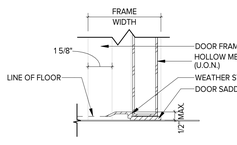

DOOR JAMB
@ CIP WALL W/FURRING
1 1/2" = 1'-0"



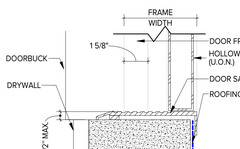

TYPICAL ROOF BULKHEAD DOOR
HEAD DETAIL @ CMU/CIP WALL
1 1/2" = 1'-0"



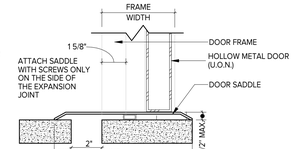

ALUMINUM SADDLE #1
3" = 1'-0"



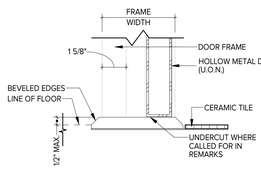

ALUMINUM SADDLE #2
3" = 1'-0"



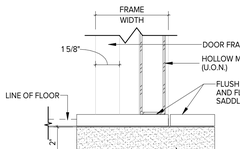

ALUMINUM SADDLE
@ ROOF AND BULKHEADS
3" = 1'-0"



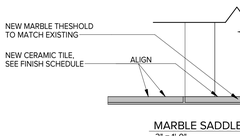

ALUMINUM SADDLE
@ EXPANSION POINT
3" = 1'-0"




MARBLE SADDLE
3" = 1'-0"




MARBLE SADDLE (FLUSH)
3" = 1'-0"


NEW MARBLE THESHOLD TO MATCH EXISTING
NEW CERAMIC TILE, SEE FINISH SCHEDULE
ALIG

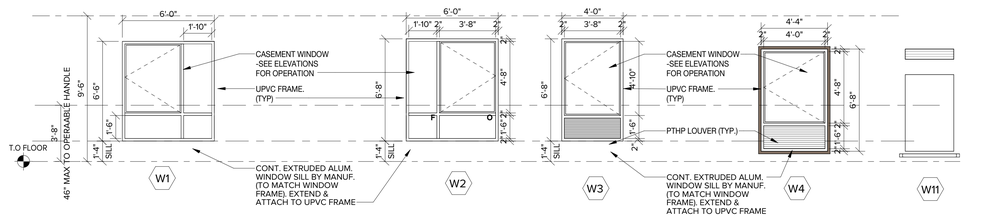
## WINDOW SCHEDULE

| WINDOW TYPE | WINDOW/ FRAME: WINDOW DESIGNATION | UNIT WIDTH | UNIT HEIGHT | FRAME MATERIAL | FINISH | R.O.: FIRE RATING (HOUR) | WIDTH | HEIGHT | U-VALUE | OITC | SHGC | VT | INSECT SCREEN | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CASEMENT WINDOW | W1 | 6'-0" | <varies> | UPVC | PTD. | - | 6'-2" | <varies> | | | | | YES | SEE WINDOW NOTES |
| CASEMENT WINDOW | W2 | 6'-0" | <varies> | UPVC | PTD. | - | 6'-2" | <varies> | | | | | YES | SEE WINDOW NOTES |
| CASEMENT WINDOW | W3 | 4'-0" | 6'-8" | UPVC | PTD. | - | 4'-2" | 6'-10" | | | | | YES | SEE WINDOW NOTES |
| CASEMENT WINDOW | W10 | 6'-0" | 6'-8" | UPVC | PTD. | - | 6'-2" | 6'-10" | | | | | YES | SEE WINDOW NOTES |
| FIXED WINDOW | W11 | 3'-6" | 5'-4" | UPVC | PTD. | - | 3'-8" | 5'-6" | | | | | NO | SEE WINDOW NOTES |
| CASEMENT WINDOW | W14 | 4'-0" | 6'-8" | UPVC | PTD. | - | | | | | | | YES | SEE WINDOW NOTES |

NOTE:

ALL WINDOW U-VALUES AND GLAZING EDGE VALUES MUST BE CALCULATED ACCORDING TO EN ISO 10077

**O**- OPERABLE
**F**- FIXED




LIGHT PROVIDED = 27.06 SF
AIR PROVIDED = 13.53 SF

LIGHT PROVIDED = 27.06 SF
AIR PROVIDED = 13.53 SF

LIGHT PROVIDED = 16.33 SF
AIR PROVIDED = 8.16 SF

LIGHT PROVIDED = 18.67 SF
AIR PROVIDED = 9.33 SF

LIGHT PROVIDED = 15.83 SF

## LOUVER SCHEDULE

| LOUVER LOCATION | LOUVER DESIGNATION | DEPTH | HEIGHT | WIDTH | REMARKS |
|---|---|---|---|---|---|

GENERAL LOUVER NOTE:

ALL LOUVERS REQUIRED TO BE AMCA 550 RATED OR CONFIGURED TO DRAIN TO STORE OR SANITARY SYSTEM. AMCA 550 RECOMMENDED

GENERAL NOTES:

1. 0.08CFM/SF ENCLOSURE LEAKAGE FOR WHOLE BUILDING PER THE BLOWER DOOR TEST

2. COMPARTMENTALIZATION TESTING SHALL BE PERFORMED TO TEST AIR TIGHTNESS OF INDIVIDUAL DWELLING UNITS. THE TEST THRESHOLD SHALL BE 0.3 CFM50 / SQ. FT. UNIT SHELL AREA, OTHERWISE KNOWN AS ENVELOPE LEAKAGE RATIO (ELR).

3. EACH UNIT DOOR TO HAVE EXTERIOR GRADE WEATHERSTRIPPING / MECHANICALLY FASTENED BOTTOM DOOR SWEEPS.

4. INTERIOR PARTITIONS BETWEEN THE UNITS TO BE SEALED:
A. SEAL THE BOTTOM AND TOP PLATE TO THE PLANK/SLAB AND SEAL STUD TO SHEATHING
B. SEAL ALL HOLES, GAPS, AND PENETRATIONS
C. SEAL STUD TO DRYWALL

## FINISH SCHEDULE

| FLOOR | ROOM NAMES & LOCATION | | FLOOR: CERAMIC TILE | LUXARY VINYL TILE | PORCELAIN TILE | CONCRETE FINISH (POLISHED) | RUBBER FLOORING | WOOD FLOORING | CARPET | BASE: VINYL BASE | CERAMIC TILE (4" HIGH) | PORCELAIN TILE (4" HIGH) | WOOD (6" HIGH) | WALL: GYPSUM BOARD (PAINTED) | WALLPAPER | MASONRY (PAINTED) | CERAMIC TILE | PORCELAIN TILE | CEILING: GYPSUM BOARD (PAINTED) | PLANK (PAINTED) | CONCRETE FINISH (PAINTED) | ACOUSTICAL CEILING TILES (2'X2') | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CELLAR | PUBLIC SPACES | STAIR A & B | | | | ● | | | | | ● | | | | | ● | | | | | ● | | |
| | | MECH. - BOH/CORRIDOR | | | | ● | | | | | ● | | | | | ● | | | | | ● | | POLISHED CONCRETE FLOORING FOR EXPOSED BOH AREAS - INDUSTRIAL GRADE POLYASPARIC CONCRETE COATING OVER THE SLAB |
| | | BUILDING STORAGE | | | | ● | | | | | ● | | | | | ● | | | | | ● | | |
| | | SUPER SHOP, SUPPLY, WORKSHOP | | | | ● | | | | | ● | | | | | ● | | | | | ● | | |
| | | STAFF ROOM | | ● | | | | | | | | | ● | ● | | | | | | | ● | | |
| | | COMPACTOR ROOM | ● | | | | | | | | ● | | | | | ● | | | | | ● | | 3HR RATED CLG. & WALLS - 4'-0" 12X12 CERAMIC TILE WAINSCOTT ALL WALLS |
| | | FITNESS ROOM | | | | | ● | | | ● | | | | ● | | | | | | | | ● | |
| | | LAUNDRY ROOM | ● | | | | | | | ● | | | | ● | | | | | | | | ● | |
| | | PUBLIC CORRIDOR | | | ● | | | | | | | | ● | ● | | | ● | ● | ● | | | | |
| FIRST FLOOR | PUBLIC SPACES | STAIR A & B | | | | | ● | | | | ● | | | | | ● | | | | | ● | | |
| | | MAIL / PACKAGE ROOM | | | ● | | | | | | | | ● | ● | | | | | ● | | | | |
| | | LOBBY / CORRIDOR | | | ● | | | | | | | | ● | ● | | | ● | ● | ● | | | | |
| | | COMMUNITY ROOM | | ● | | | | | | | | | ● | ● | | | | | | | | ● | |
| | | LOUNGE | | ● | | | | | | | | | ● | ● | | | | | | | | ● | |
| | | SOCIAL SERVICE SUITE | | ● | | | | | | | | | ● | ● | | | | | | | | ● | |
| | | COMM. FACILITY SUITE | | ● | | | | | | | | | ● | ● | | | | | | | | ● | |
| | | PUBLIC BATHROOMS | | | ● | | | | | | | | ● | ● | | | ● | ● | | | | | |
| | ACCESSORY SPACES | PROP. MANAGER'S OFFICE | | ● | | | | | | | | | ● | ● | | | | | | | | ● | |
| | | SECURITY | | | ● | | | | | | | | ● | ● | | | | | | | | ● | |
| 2ND - 15 TH FLOORS | PUBLIC SPACES | STAIR A & B | | | | ● | | | | | ● | | | | | ● | | | | | ● | | |
| | | REFUSE & JANITOR ROOM | ● | | | | | | | | ● | | | ● | | | | | | ● | | | 4'-0" 12X12 CT WAINSCOT ALL WALLS |
| | | COMM. FACILITY SUITE | | ● | | | | | | | | | | ● | | | | | | | | ● | |
| | | CORRIDOR | | ● | | | | | | ● | | | | ● | | | | | | ● | | | |
| 2ND - 15 TH FLOORS | PRIVATE SPACES | APARTMENTS | | ● | | | | | | | | | | ● | | | | | | ● | | | |
| | | KITCHEN | | | ● | | | | | | | | ● | | | | | ● | | ● | | | |
| | | BATHROOM | | | ● | | | | | | | | ● | | | | | ● | ● | ● | | | |
| 16TH - 26TH FLOOR | PUBLIC SPACES | STAIR A & B | | | | | ● | | | | ● | | | | | ● | | | | | ● | | |
| | | REFUSE & JANITOR ROOM | ● | | | | | | | | ● | | | ● | | | | | | ● | | | 4'-0" 12X12 CT WAINSCOT ALL WALLS |
| | | CORRIDOR | | ● | | | | | | ● | | | | ● | | | | | | ● | | | |
| 16TH - 26TH FLOOR | PRIVATE SPACES | APARTMENTS | | ● | | | | | | | | | | ● | | | | | | ● | | | |
| | | KITCHEN | | | ● | | | | | | | | ● | | | | | ● | | ● | | | |
| | | BATHROOM | | | ● | | | | | | | | ● | | | | | ● | ● | ● | | | |
| ROOF | ACCESSORY SPACES | STAIR A & B | | | | | ● | | | | ● | | | | | ● | | | | | ● | | |
| | | BOILER ROOM | | | | | ● | | | | | | | | | ● | | | | | ● | | |
| | | ELEVATOR MACH. RM. | | | | | ● | | | | | | | | | ● | | | | | ● | | |
| | | ELEVATOR VEST. | ● | | | | | | | | ● | | | ● | | | | | | ● | | | |
| | | ATS ROOM | | | | | ● | | | | | | | | | ● | | | | | ● | | |

FINISH SCHEDULE NOTES

1. "PROVIDE AS REQUIRED GYPCRETE CONCRETE SELF-LEVELING TOPPING OVER ALL CONCRETE FLOOR (AND SLABS) SURFACES THAT ARE SCHEDULED TO RECEIVE A FINISH FLOOR
2. LEVEL THE ENTIRE FLOOR BEFORE APPLY FINAL FLOOR FINISH. MAXIMUM CHANGE IN ELEVATION FROM ADJACENT AREAS 1/4". GC TO ADVISE ARCHITECT IF FINISH FLOOR DOES NOT TOLERATES 1/2" ON THE STAIRS
3. PROVIDE WATERPROOF MEMBRANE UNDERLAYMENT TO EXTEND 6" UP IN LAUNDRY ROOM
4. FLOORING PRODUCTS TO BE FLOORSCORE CERTIFIED
5. PROVIDE STC 50 (OR GREATER) FOR WALLS, PARTITIONS AND FLOOR/CEILING ASSEMBLIES SEPARATING DWELLING UNITS FROM EACH OTHER, FROM ADJACENT OCCUPANCIES, FROM PUBLIC OR SERVICE AREAS, FROM STAIRS OR FROM MECHANICAL EQUIPMENT SPACES, INCLUDING BOILER ROOMS, OR ELEVATOR OR OTHER SHAFTS PER NYC BUILDING CODE SECTION 1207.2
6. PROVIDE IIC 50 (OR GREATER) FOR FLOOR/CEILING ASSEMBLIES BETWEEN DWELLING UNITS OR BETWEEN A DWELLING UNIT AND A PUBLIC OR SERVICE AREA STAIR, EXTERIOR MECHANICAL EQUIPMENT, OR OTHER MECHANICAL EQUIPMENT SPACE, INCLUDING BOILER ROOMS, SHALL BE CONSTRUCTED OF ASSEMBLED HAVING AN IMPACT INSULATION CLASS (IIC) RATING OF NOT LESS THAN 50 PER NYC BUILDING CODE SECTION 1207.3
7. BUILDING MATERIALS THAT HAVE THE POTENTIAL TO NEGATIVELY AFFECT INDOOR AIR QUALITY SUCH AS: PAINTS, APPLIED FINISHES, ADHESIVE, AND SEALANTS SHALL, AT MINIMUM, MEET GREEN SEAL, OR AN EQUIVALENT, LOW- VOC STANDARD
8. PROVIDE VIBRATION AND SOUND ABSORBING BASES OR SUPPORT FOR EQUIPMENT SUBJECT TO MOTION WHICH COULD TRANSMIT VIBRATION OR NOISE TO THE STRUCTURE
9. PROVIDE GYPCRETE CONCRETE TOPPING IN BICYCLE ROOM IF THERE IS A FINISH FLOOR ON THE PUBLIC CORRIDOR SIDE
10. APPLY INDUSTRIAL GRADE POLYASPARIC CONCRETE COATING SYSTEM OVER CONCRETE SLAB ON MECHANICAL ROOMS AND BICYCLE STORAGE
11. PROVIDE ANTI-SLIP TRAFFIC PAINT ON GARAGE RAMP
12. PROVIDE A SLIP-RESISTANT TILE IN BATHROOMS CONFORMING WITH ADA REGULATIONS

FINISH NOTES

1. PROVIDE WATERPROOFING INSULATION MEMBRANE IN ALL BATHROOMS
2. PROVIDE A FIREPROOFING INTUMESCENT COATING OVER THE SPRAY-ON THERMAL INSULATION
3. LEVEL THE ENTIRE FLOOR BEFORE APPLYING FINAL FLOOR FINISH. MAXIMUM CHANGE IN ELEVATION FROM ADJACENT AREAS 1/4". GC TO ADVISE ARCHITECT IF FINISH FLOOR DOES NOT TOLERATE 1/4" ON STAIRS
4. PROVIDE STC 50 (OR GREATER) FOR WALLS, PARTITIONS, AND FLOOR/CEILING ASSEMBLIES SEPARATING DWELLING UNITS FROM EACH OTHER,M FROM ADJACENT OCCUPANCIES, FROM PUBLIC OR SERVICE AREAS, FROM STAIRS OR FROM MECHANICAL EQUIPMENT SPACES, INCLUDED BOILER ROOMS, OR ELEVATOR OR OTHER SHAFTS PER NYC BUILDING CODE SECTION 1207.2
5. BUILDING MATERIALS THAT HAVE THE POTENTIAL TO NEGATIVELY AFFECT INDOOR AIR QUALITY SUCH AS: PAINTS, APPLIED FINISHES, ADHESIVE, AND SEALANTS SHALL, AT A MINIMUM, MEET GREEN SEAL, OR AN EQUIVALENT, LOW-VOC STANDARD
6. PROVIDE GYPCRETE IN BICYCLE ROOM IF THERE IS A FINISH FLOOR ON THE PUBLIC CORRIDOR SIDE
7. PROVIDE MOISTURE RESISTANCE BACKING MATERIAL (FIBER CEMENT BOARD OR CEMENT BOARD) @ WALLS & CEILINGS OF ALL BATHROOMS (ASTM # D3273)
8. ALL STAIS AND PLATFORMS TO RECEIVE A NON-SKID EPOXY PAINT FINISH (U.O.N.)
9. PROVIDE ACCESS DOORS AT CEILINGS AS REQUIRED BY MECHANICAL @ PUBLIC CORRIDORS (COLOR OF DOORS TO MATCH COLOR OF CEILING)
10. PROVIDE 8'-0" MIN. AFF. AND OR GYP. BD. CEILINGS AS REQUIRED TO CONCEAL ALL MECHANICAL, ELECTRICAL, & PLUMBING LINES, ETC. TO EXTEND FROM WALL TO WALL IN ORDER TO CREATE A 'BEAM' EFFECT
11. CERAMIC TILE/ LVT TO EXTEND BENEATH CABINETS AND APPLIANCES.
12. PROVIDE THIN-SET AT FLOOR TILE INSTALLATIONS. ENSURE THIN-SET IS COMPATIBLE BEFORE SPREADING OVER FLOORING TO AVOID CRACKS AND BUMP FORMATIONS ON THE TILE FLOOR. PROPER INSTALLATION OF THE FRAMING AND SUBSTRATE ARE CRITICAL TO A QUALITY TILE INSTALLATION.
13. CERAMIC WALL TILE SET ON THIN SET CEMENTATIOUS ADHESIVE
14. ALL INTERIOR PAINTS, PRIMERS, ADHESIVES AND SEALANT MUST CONTAIN LOW VOC
15. PROVIDE WATER RESISTANT GYPSUM BOARD AT WALLS & CEILING OF ALL BATHROOMS & TOILETS (EXCEPT SHOWER AREAS)
16. PROVIDE CEMENTITIOUS BACKER BOARD AS SUBSTRATE FOR SURFACES TO RECEIVE TILE FINISH @ SHOWER AREAS ONLY. THIS IS IN ADDITION TO THE NUMBER OF GYP. BD. LAYERS INDICATED ON THE WALL TYPE LEGEND.
17. PROVIDE 8'-0" HIGH CERAMIC TILE WAINSCOT AT ALL PUBLIC BATHROOM WALLS
18. CERAMIC WALL TILE SET ON THIN SET CEMENTITIOUS ADHESIVE
19. BATHROOM VANITY TO BE FULL PLYWOOD BOX MATCHING THE KITCHEN CABINETS (ADA REMOVABLE CABINET) - SERENITY KITCHEN CABINETS (COLOR - GREEN)
20. GREEN LEVEL CERTIFIED FLOOR COVERING: DO NOT INSTALL CARPETS IN BELOW GRADE LIVING SPACES, ENTRYWAYS, LAUNDRY ROOMS, BATHROOMS, KITCHENS, OR UTILITY ROOMS. IF USING CARPETS, USE PRODUCTS THAT MEET THE CARPET & RUG INSTITUTES GREEN LABEL CERTIFIED CARPET, PAD, & CARPET ADHESIVES.
21. MATERIALS IN WET AREAS: USE MATERIALS WITH SMOOTH, DURABLE, CLEANABLE SURFACES. DO NOT USE MOLD-PROPOGATING MATERIAL SUCH AS VINYL WALLPAPER AND UNSEALED GROUT.
22. INTEGRATED PEST MANAGEMENT: SEAL ALL WALL, FLOOR, CEILING, AND JOINT PENETRATION TO PREVENT PEST ENTRY. PROVIDE RODENT AND CORROSION PROOF SCREENS (EG COPPER OR STAINLESS STEEL MESH) FOR LARGE OPENINGS.
23. USE PARTICLE BOARD & MEDIUM DENSITY FIBER BOARD (MDF) THAT IS CERTIFIED COMPLIANT W/ THE ANSI 208.1 & 208.2

WINDOW NOTES

1. ALL WINDOW UNITS SHALL HAVE INSULATED GLASS (U.O.N.).
2. CONTRACTOR SHALL PROVIDE 1" ALUMINUM MINI BLINDS AT ALL RESIDENTIAL WINDOW UNITS.
3. CONTRACTOR SHALL PROVIDE SUPPORT MULLION TRIM BETWEEN WINDOW UNITS AS PER MANUFACTURER SPECIFICATION.
4. WINDOWS REQUIRING PUSHING, PULLING, OR LIFTING TO OPEN (FOR EXAMPLE, DOUBLE HUNG, SLIDING, OR CASEMENT AND AWNING UNITS WITHOUT CRANKS) SHOULD REQUIRE NO MORE THAN 5 lbf (22.2N) MAX. TO OPEN OR CLOSE.
5. ALL WINDOW UNITS SHALL HAVE A U-FACTOR OF .38 OR BETTER AND SHGC RATING OF .38 OR BETTER.
6. ALL WINDOW UNITS SHALL HAVE A MINIMUM OITC 30 RATING (U.O.N.).
7. PROVIDE WINDOW STOPS @ ALL OPERABLE WINDOWS (4" MAX. OPENING).
8. ALL OPERABLE WINDOWS USED TO MEET NYC VENTILATION REQUIREMENTS SHALL HAVE CONTROL @ A.D.A. REACH HEIGHT (3'-8" MAX. A.F.F.) OR USE ADAPTIVE DEVICES IN ACCESSIBLE AREAS.
9. AIR LEAKAGE, U-FACTOR, SHGC & R-VALUE FOR FENESTRATION WINDOWS SHALL BE LABELED AND CERTIFIED BY THE MANUFACTURER.
10. IF WINDOWS EXCEED 6'-0" WIDE PROVIDE WINDOW RECEPTOR @ HEAD AND SILL OF WINDOW
11. WHERE WINDOWS THAT ARE REQUIRED TO PROVIDE NATURAL VENTILATION ARE NOT IN COMPLIANCE WITH REACH RANGES SPECIFIED IN SECTION309.3(HEIGHT) FOR OPERABLE PARTS AS REQUIRED BY SECTION 1003.13.1 OF ICC A117.1, THE OPERABLE PARTS OF SUCH WINDOWS SHALL BE DESIGNED TO BE OPERABLE BY THE USE OF ADAPTIVE DEVICES. THE OWNER SHALL PROVIDE SUCH ADAPTIVE DEVICES AT THE TIME A PERSON WITH PHYSICAL DISABILITIES TAKES OCCUPANCY OF THE UNIT, OR WITHIN 10 DAYS OF THE DATE THE REQUEST IS MADE BY A PERSON WITH PHYSICAL DISABILITIES, WHICHEVER IS LATER, AT THE OWNER'S EXPENSE.
12. ALL GLASS TO BE BIRD FRIENDLY
13. PROVIDE LOW E DOUBLE PANE INSULATED GLASS IN ALL EXTERIOR WINDOWS
14. THE GLASS OF ANY STOREFRONT, ANY WINDOW LOCATED UP TO 75'-0" IN HEIGHT ABOVE THE GROUND LEVEL AND ON THE CANOPY SHALL BE CONSTRUCTED WITH A BIRD FRIENDLY MATERIAL
15. PROVIDE MINI BLINDS AT ALL DWELLING UNIT WINDOWS
16. PROVIDE AN ALUMINUM INSULATED PANEL ON LOUVER WHERE A PTAC OR AN AC UNIT IS NOT PROVIDED. COLOR OF PANEL TO MATCH COLOR OF WINDOW FRAME
17. REMOVABLE INSECT SCREENS TO BE PROVIDED AT ALL OPERABLE WINDOWS

LOUVER NOTES

1. ALL LOUVERS SHALL BE PROVIDED WITH INSECT SCREEN U.O.N.
2. PROVIDE AN ALUMINUM INSULATED PANEL ON LOUVER WHERE A PTAC IS NOT PROVIDED. COLOR OF PANEL TO MATCH COLOR OF WINDOW FRAME
3. MECHANICAL LOUVERS COLOR SHALL MATCH COLOR OF SURROUNDING MATERIAL

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
**AUFGANG.**
74 Lafayette Avenue
Suite 301
Suffern, NY 10901
845.368.0004
info@aufgang.com

Owner/Developer
**BRONX PARK GTAH II LLC:**
280 East 161st St.
Bronx, NY 10451

Structural Engineer
**DESIMONE ENGINEERING:**
140 Broadway
25th Floor
New York, NY 10005
212.532.2211

MEP Engineer
**EP ENGINEERING ASSOCIATES:**
110 William St.
32nd Floor
New York, NY 10038
646.779.0758

Civil Engineer
**PHILIP HABIB & ASSOCIATES:**
432 Park Ave. South
6th Floor
New York, NY 10016
212.929.5656


| DATE | SUBMISSIONS / REVISIONS |
|---|---|
| 10/17/2025 | ISSUED FOR 100% DD |
| 09/15/2025 | ISSUED TO DOB |
| 05/02/2025 | ISSUED FOR 50% DD |
| 11/08/2024 | ISSUED FOR 100% SD |

SHEET TITLE:

# WINDOW & LOUVER, FINISH SCHEDULE


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SEAL & SIGNATURE

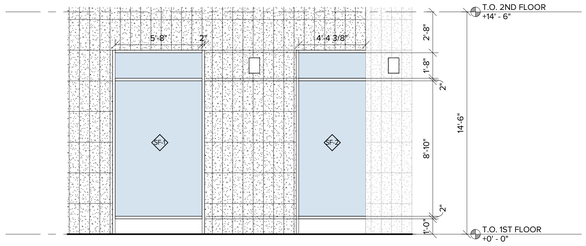
ISSUE DATE: 07/27/22
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CHECKED BY: Checker
SCALE: As indicated
SHEET NO: OF

DRAWING NO: A-601.00

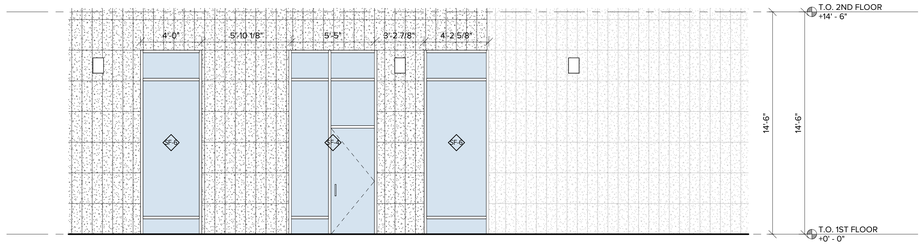
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STOREFRONT SCHEDULE

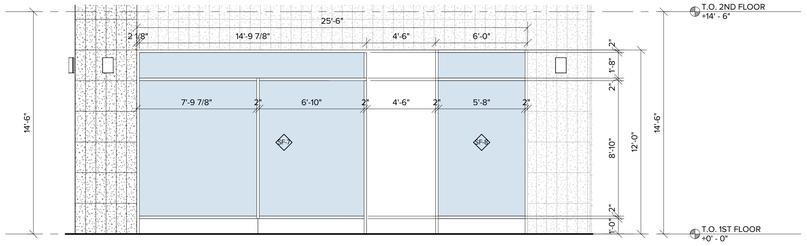
| | | | WINDOW / FRAME | | | | | ROUGH OPENING | | | ENERGY REQ. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WINDOW TYPE | DESIGNATION | ELEVATION | WIDTH | HEIGHT | FRAME MATERIAL | FINISH | FIRE RATING (HOUR) | STC RATING | WIDTH | HEIGHT | INSECT SCREEN | U FACTOR | S.H.G.C. | REMARKS |
| STOREFRONT - FIXED PANE | SF-1 | 1 | 6' - 1 3/4" | 12' - 0" | UPVC | AN. | (1) 1 HR RATED | | 6' - 3 11/32" | 12' - 2" | | 0.22 | | |
| STOREFRONT - FIXED PANE | SF-2 | 1 | 4' - 0" | 12' - 0" | UPVC | AN. | (1) 1 HR RATED | | 4' - 2" | 12' - 2" | | 0.22 | | |
| STOREFRONT - FIXED PANE | SF-4 | 2 | 3' - 10" | 12' - 0" | UPVC | AN. | (1) 1 HR RATED | | 4' - 0" | 12' - 2" | | 0.22 | | |
| STOREFRONT - FIXED PANE | SF-6 | 2 | 11' - 11" | 12' - 0" | UPVC | AN. | (1) 1 HR RATED | | 12' - 1" | 12' - 2" | | 0.22 | | |
| STOREFRONT - FIXED PANE | SF-7 | 3 | 15' - 0" | 12' - 0" | UPVC | AN. | (1) 1 HR RATED | | 15' - 2" | 12' - 2" | | 0.22 | | |
| STOREFRONT - FIXED PANE | SF-8 | 3 | 6' - 0" | 12' - 0" | UPVC | AN. | (1) 1 HR RATED | | 6' - 2" | 12' - 2" | | 0.22 | | |
| STOREFRONT - FIXED PANE | SF-11 | 4 | 6' - 0" | 12' - 0" | UPVC | AN. | (1) 1 HR RATED | | 6' - 2" | 12' - 2" | | 0.22 | | |
| STOREFRONT - DOOR + FIXED PANE | SF-12 | 4 | 8' - 9 1/2" | 12' - 0" | UPVC | AN. | (1) 1 HR RATED | | 8' - 11 1/2" | 12' - 2" | | 0.22 | | |
| STOREFRONT - FIXED PANE | SF-14 | 4 | 6' - 0" | 12' - 0" | UPVC | AN. | (1) 1 HR RATED | | 6' - 2" | 12' - 2" | | 0.22 | | |
| STOREFRONT - FIXED PANE | SF-15 | 4 | 15' - 0" | 12' - 0" | UPVC | AN. | (1) 1 HR RATED | | 15' - 2" | 12' - 2" | | 0.22 | | |



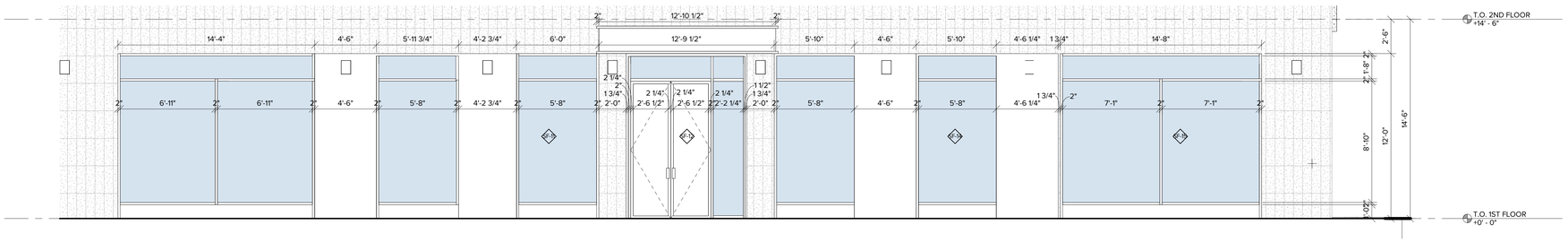

1 A-602 STOREFRONT ELEVATION #1
1/4" = 1'-0"




2 A-602 STOREFRONT ELEVATION #2
1/4" = 1'-0"




3 A-602 STOREFRONT ELEVATION #3
1/4" = 1'-0"




4 A-602 STOREFRONT ELEVATION #4
1/4" = 1'-0"

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
**AUFGANG.**
74 Lafayette Avenue
Suite 301
Suffern, NY 10901
845.368.0004
info@aufgang.com

Owner/Developer
**BRONX PARK GTAH II LLC:**
280 East 161st St.
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SHEET TITLE:

## STOREFRONT SCHEDULE


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SEAL & SIGNATURE

ISSUE DATE: 07/27/22
PROJECT NO: Project Number
DRAWN BY: Author
CHECKED BY: Checker
SCALE: 1/4" = 1'-0"
SHEET NO: OF
DRAWING NO: A-602.00

NYC DOB NUMBER: X00945951-I1

## LEGEND

### CEILING SYMBOL

- 2' X 2' ACCESS HATCH
- CEILING MOUNTED SPRINKLER
- WALL MOUNTED SPRINKLER
- CEILING GRILLE
- OCCUPANCY SENSOR
- EXIT LIGHT AND SIGN - CEILING MOUNTED
- EXIT LIGHT AND SIGN - WALL MOUNTED
- SCM — SMOKE & CARBON MONOXIDE DETECTOR
- IC — INTERCOM
- 0 0'-0" — CEILING HEIGHT
- CEILING TYPE
- DIF — 24" x 24" HVAC DIFFUSER - SEE MECHANICAL DWGS.
- 24" x 24" FLAT PANEL LED LIGHT FIXTURE
- 24" x 24" FLAT PANEL LED LIGHT FIXTURE - EMERGENCY BACK -UP
- 48" LED STRIP LIGHT
- 48" LED STRIP LIGHT - EMERGENCY BACK -UP
- 6" LED DOWN LIGHT
- 6" LED DOWN LIGHT - EMERGENCY BACK -UP
- HORN
- CAMERA

### CEILING TYPES

1. BOTTOM OF CEILING - KADEX PAINTED FINISH
2. GYP. BD. SUSPENDED CEILING
3. 2' X 2' ACOUSTIC TILE CEILING
4. CHARCOAL MONOGLASS SPRAY ON THERMAL INSULATION R-30
5. 3HR SPRAY ON FIREPROOFING INSULATION
6. EXPOSED CEILING

### NOTES:

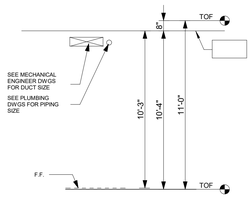
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2. REFER TO SPRINKLER DRAWINGS FOR SPRINKLER HEAD TYPES.
3. REFER TO MECHANICAL DRAWINGS FOR CEILING ACCESS LOCATIONS.
4. ALL DIMENSIONS ARE A.F.F.
5. ALL SOFFITS IN LIVABLE AREAS TO BE 8'-0" MIN. AFF.
6. ALL KITCHENETTE ARCHS TO BE 7'-6" MIN. AFF.
7. GC TO PROVIDE ALL REQUIRED ACCESS PANELS AND EXHAUST DIFFUSERS AS REQUIRED BY ENGINEER. COLOR OF PANELS TO MATCH FINISH COLOR OF ADJACENT MATERIAL

NOTES:

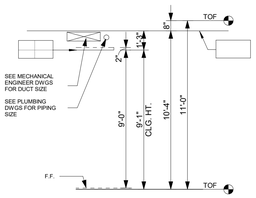
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- ALL EXTERIOR LIGHTING SHALL MEET THE FOLLOWING SPECIFICATIONS AND HAVE EITHER MOTION SENSOR CONTROLS, INTEGRATIVE PV CELLS, PHOTOSENSORS, OR ASTRONOMIC TIME-CLOCK OPERATION TO LIMIT LIGHTING WHEN THERE IS ADEQUATE DAYLIGHT ( I BELIEVE PHOTOCELLS FOR EXTERNAL LIGHTING ARE INCLUDED AS PER ELECTRICAL DESIGN), NOTE, DARK-SKY-APPROVED "FRIENDLY FIXTURE" CERTIFICATION AUTOMATICALLY MEETS THE FOLLOWING SPECIFICATIONS.
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- FIXTURE SHALL HAVE NO SAG OR DROP LENSES, SIDE LIGHT PANELS OR UPLIGHT PANELS.
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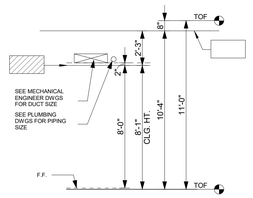
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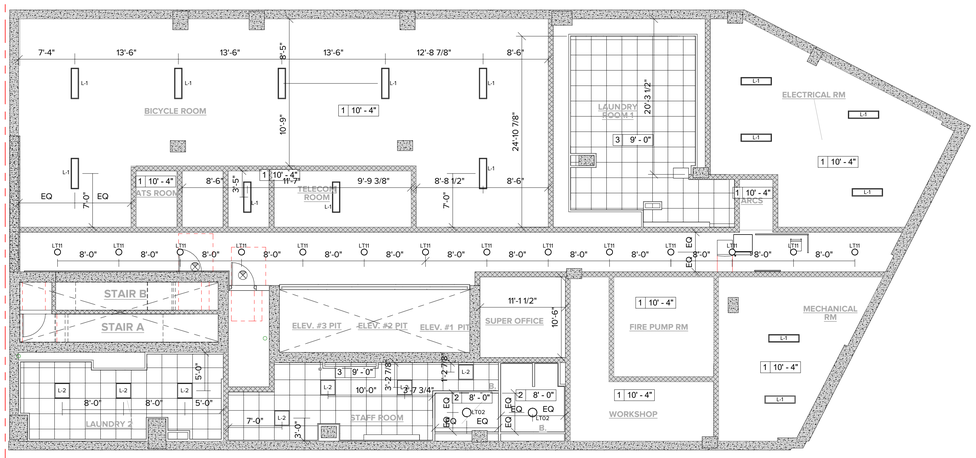

PUBLIC CORRIDOR




LAUNDRY




BATHROOM(S)




1 A-700 CELLAR REFLECTED CEILING PLAN
1/8" = 1'-0"

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


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SHEET TITLE:

# CELLAR REFLECTED CEILING PLAN


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SEAL & SIGNATURE

ISSUE DATE: 07/27/22

PROJECT NO: Project Number

DRAWN BY: Author

CHECKED BY: Checker

SCALE: As indicated

SHEET NO: OF

DRAWING NO: A-700.00

NYC DOB NUMBER: X00945951-I1

## LEGEND

### CEILING SYMBOL

- 2' X 2' ACCESS HATCH
- CEILING MOUNTED SPRINKLER
- WALL MOUNTED SPRINKLER
- CEILING GRILLE
- OCCUPANCY SENSOR
- EXIT LIGHT AND SIGN - CEILING MOUNTED
- EXIT LIGHT AND SIGN - WALL MOUNTED
- SMOKE & CARBON MONOXIDE DETECTOR
- INTERCOM
- 0 0'-0" — CEILING HEIGHT
- CEILING TYPE
- DIF 24" x 24" HVAC DIFFUSER - SEE MECHANICAL DWGS.
- 24" x 24" FLAT PANEL LED LIGHT FIXTURE
- 24" x 24" FLAT PANEL LED LIGHT FIXTURE - EMERGENCY BACK -UP
- 48" LED STRIP LIGHT
- 48" LED STRIP LIGHT - EMERGENCY BACK -UP
- 6" LED DOWN LIGHT
- 6" LED DOWN LIGHT - EMERGENCY BACK -UP
- HORN
- CAMERA

### CEILING TYPES

1. BOTTOM OF CEILING - KADEX PAINTED FINISH
2. GYP. BD. SUSPENDED CEILING
3. 2' X 2' ACOUSTIC TILE CEILING
4. CHARCOAL MONOGLASS SPRAY ON THERMAL INSULATION R-30
5. 3HR SPRAY ON FIREPROOFING INSUALTION
6. EXPOSED CEILING

### NOTES:

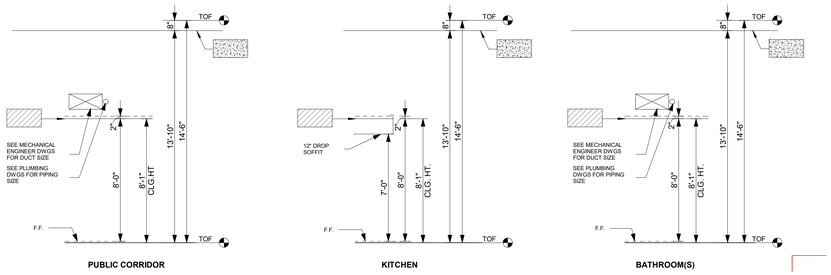
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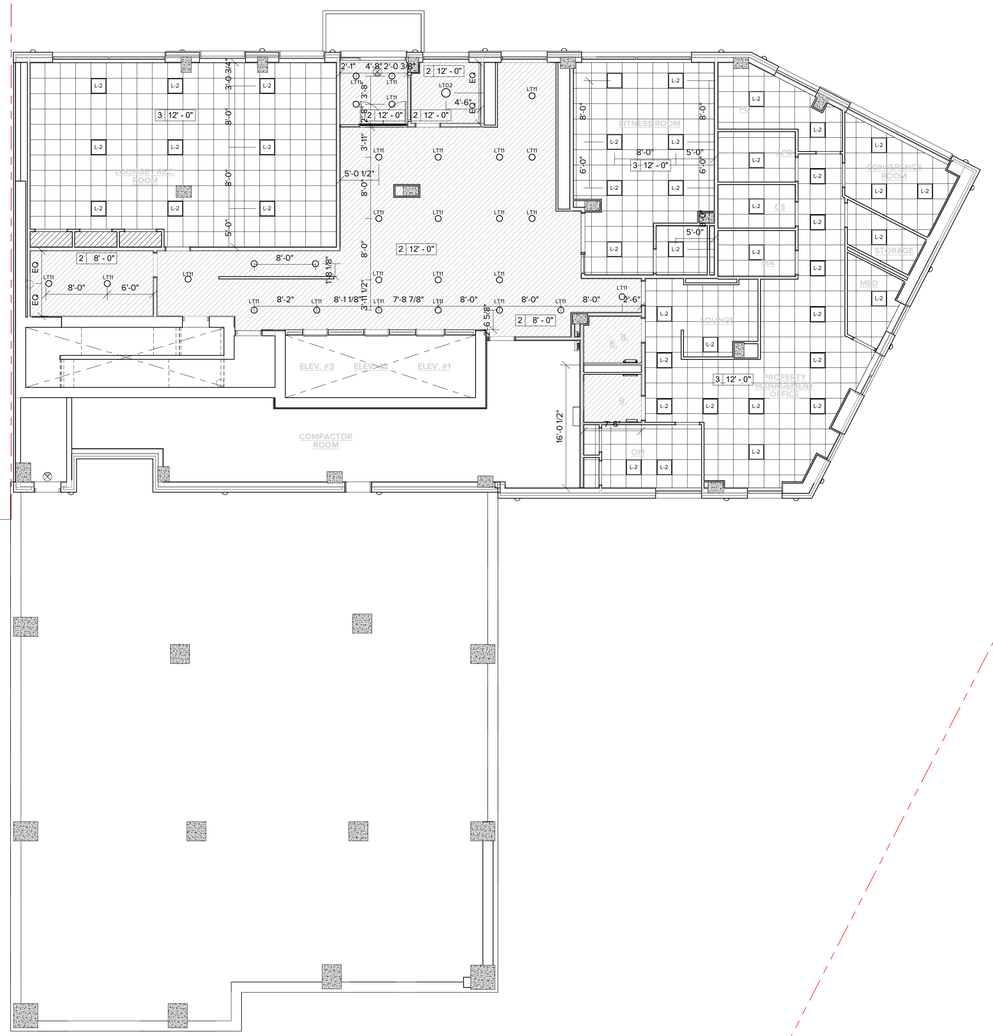
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**PUBLIC CORRIDOR** | **KITCHEN** | **BATHROOM(S)**




1 A-701 1ST FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
**AUFGANG.**
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SHEET TITLE:

# 1ST FLOOR REFLECTED CEILING PLAN


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CHECKED BY: Checker
SCALE: As indicated
SHEET NO: OF
DRAWING NO: A-701.00

NYC DOB NUMBER: X00945951-I1

## LEGEND

### CEILING SYMBOL

- 2' X 2' ACCESS HATCH
- CEILING MOUNTED SPRINKLER
- WALL MOUNTED SPRINKLER
- CEILING GRILLE
- OCCUPANCY SENSOR
- EXIT LIGHT AND SIGN - CEILING MOUNTED
- EXIT LIGHT AND SIGN - WALL MOUNTED
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### CEILING TYPES

1. BOTTOM OF CEILING - KADEX PAINTED FINISH
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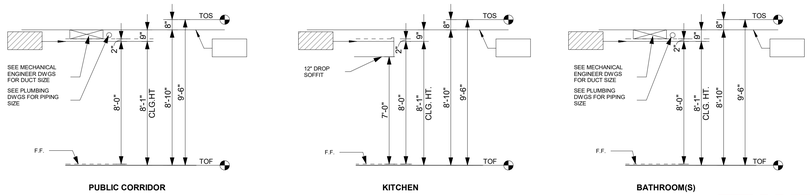
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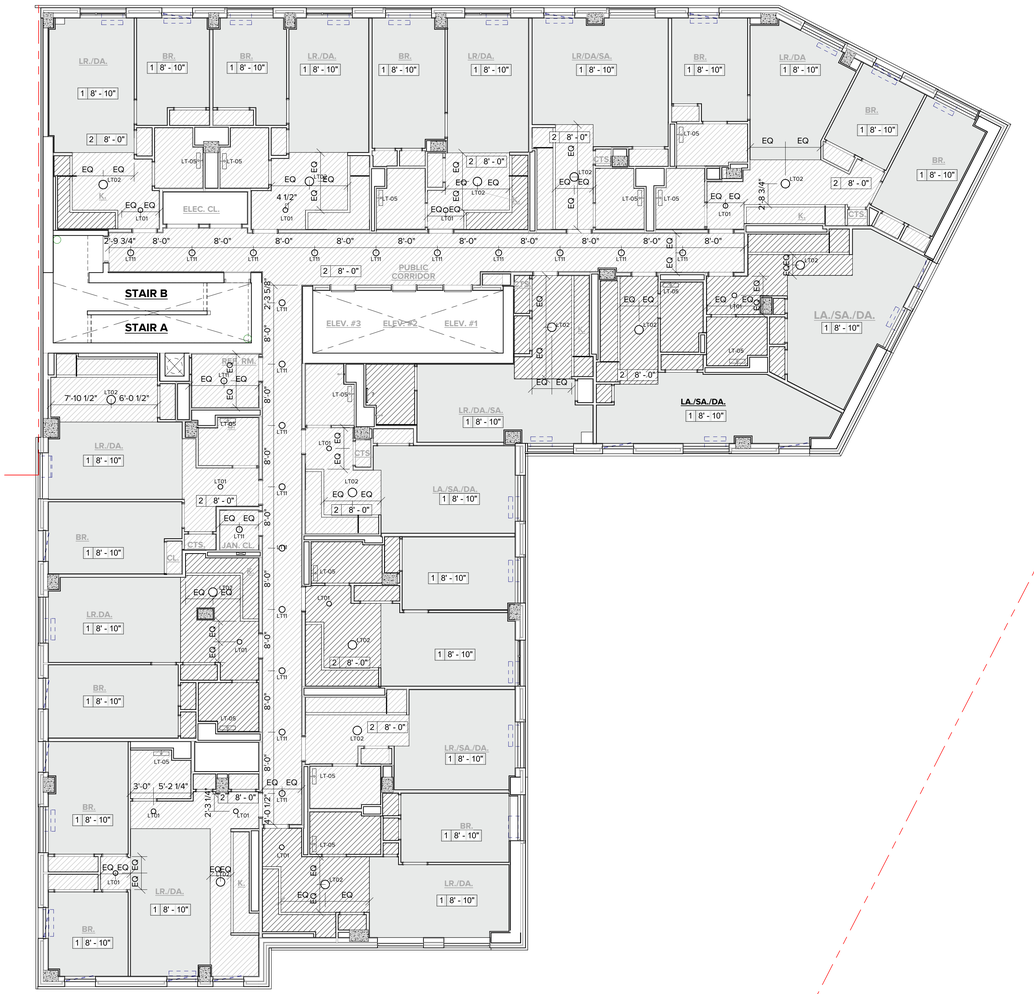
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PUBLIC CORRIDOR | KITCHEN | BATHROOM(S)




1 A-702 2ND FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

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| 10/17/2025 | ISSUED FOR 100% DD |
| 09/15/2025 | ISSUED TO DOB |
| 05/02/2025 | ISSUED FOR 50% DD |
| 11/08/2024 | ISSUED FOR 100% SD |

SHEET TITLE:

# 2ND FLOOR REFLECTED CEILING PLAN


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SEAL & SIGNATURE

ISSUE DATE: 07/27/22

PROJECT NO: Project Number

DRAWN BY: Author

CHECKED BY: Checker

SCALE: As indicated

SHEET NO: OF

DRAWING NO: A-702.00

NYC DOB NUMBER: X00945951-I1

## LEGEND

### CEILING SYMBOL

- 2' X 2' ACCESS HATCH
- CEILING MOUNTED SPRINKLER
- WALL MOUNTED SPRINKLER
- CEILING GRILLE
- OCCUPANCY SENSOR
- EXIT LIGHT AND SIGN - CEILING MOUNTED
- EXIT LIGHT AND SIGN - WALL MOUNTED
- SCM — SMOKE & CARBON MONOXIDE DETECTOR
- IC — INTERCOM
- 0 0'-0" — CEILING HEIGHT
- CEILING TYPE
- DIF — 24" x 24" HVAC DIFFUSER - SEE MECHANICAL DWGS.
- 24" x 24" FLAT PANEL LED LIGHT FIXTURE
- 24" x 24" FLAT PANEL LED LIGHT FIXTURE - EMERGENCY BACK -UP
- 48" LED STRIP LIGHT
- 48" LED STRIP LIGHT - EMERGENCY BACK -UP
- 6" LED DOWN LIGHT
- 6" LED DOWN LIGHT - EMERGENCY BACK -UP
- HORN
- CAMERA

### CEILING TYPES

1. BOTTOM OF CEILING - KADEX PAINTED FINISH
2. GYP. BD. SUSPENDED CEILING
3. 2' X 2' ACOUSTIC TILE CEILING
4. CHARCOAL MONOGLASS SPRAY ON THERMAL INSULATION R-30
5. 3HR SPRAY ON FIREPROOFING INSUALTION
6. EXPOSED CEILING

### NOTES:

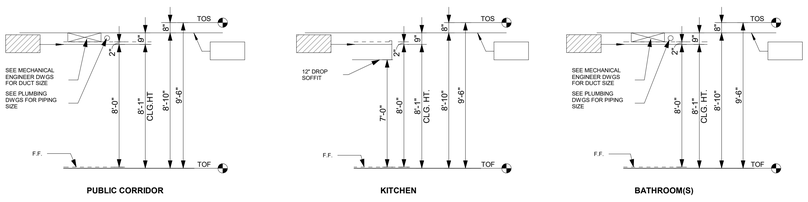
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5. ALL SOFFITS IN LIVABLE AREAS TO BE 8'-0" MIN. AFF.
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7. GC TO PROVIDE ALL REQUIRED ACCESS PANELS AND EXHAUST DIFFUSERS AS REQUIRED BY ENGINEER. COLOR OF PANELS TO MATCH FINISH COLOR OF ADJACENT MATERIAL

NOTES:

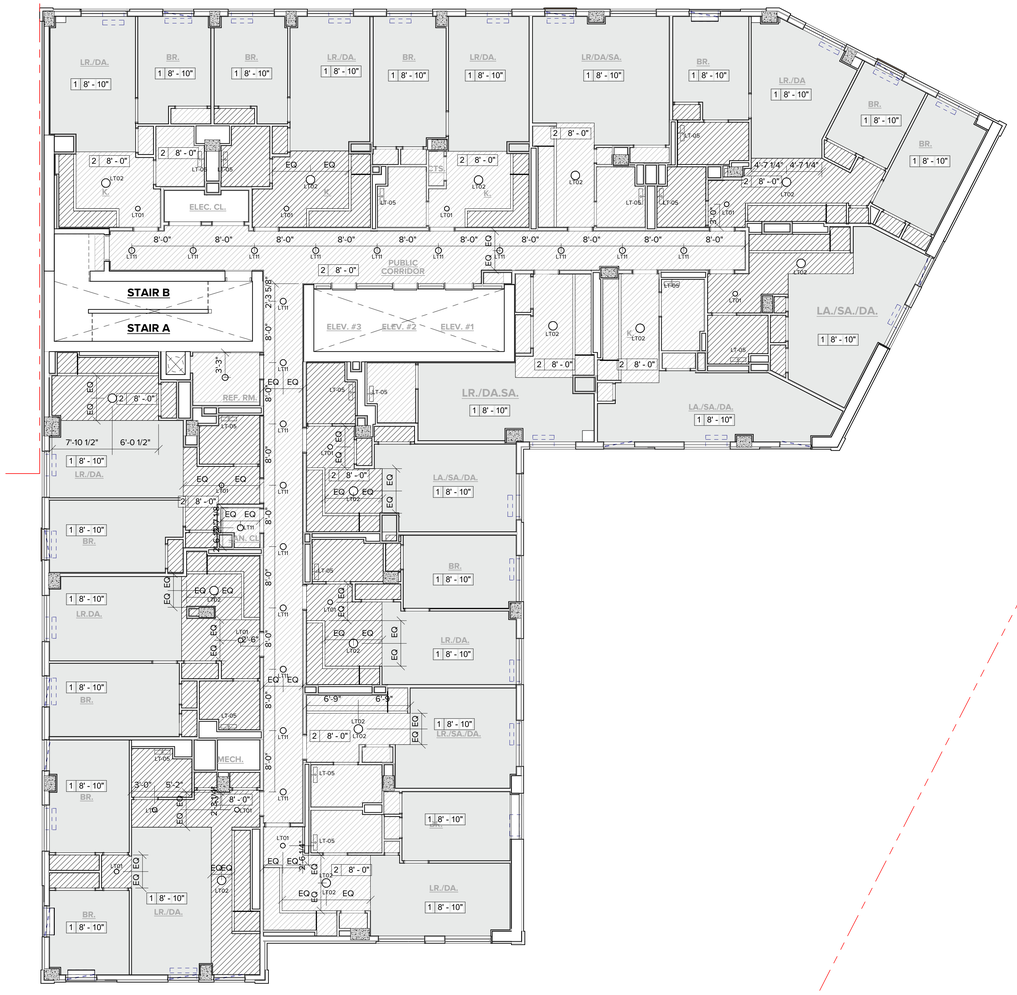
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- LIGHTING INSIDE THE BULDING, BUT NOT IN A DWELLING UNIT, SHALL BE CONTROLLED BY OCCUPANCE SENSORS OR AUTOMATIC BI-LEVEL LIGHTING CONTROLS EXEMPT IF 24-HOUR CONSISTENT LIGHT LEVELS ARE REQUIRED BY CODE ( I BELIEVE IT IS AS PER ELECTRICAL DESIGN)
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NOTES:

THE LIGHTING POWER DENSITIES, SPECIFIED IN W/SF, IN ALL COMMON SPACES WILL BE DESIGNED TO EXCEED THE ASHRAE 90.1 2016 SPACE-BY-SPACE ALLOWANCES BY MORE THAN 30%. THE LPD IN THE DWELLING UNITS WILL BE KEPT BELOW 0.6 W/SF. LIGHTING IN ALL THE SPACES WILL BE DESIGNED TO MEET THE ILLUMINATING ENGINEERING SOCIETY (IESNA) LIGHTING HANDBOOK RECOMMENDED LIGHT LEVELS FOR THE GIVEN SPACE TYPE.




PUBLIC CORRIDOR | KITCHEN | BATHROOM(S)




1 A-703 3RD-9TH FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
**AUFGANG.**
74 Lafayette Avenue
Suite 301
Suffern, NY 10901
845.368.0004
info@aufgang.com

Owner/Developer
**BRONX PARK GTAH II LLC:**
280 East 161st St.
Bronx, NY 10451

Structural Engineer
**DESIMONE ENGINEERING:**
140 Broadway
25th Floor
New York, NY 10005
212.532.2211

MEP Engineer
**EP ENGINEERING ASSOCIATES:**
110 William St.
32nd Floor
New York, NY 10038
646.779.0758

Civil Engineer
**PHILIP HABIB & ASSOCIATES:**
432 Park Ave. South
6th Floor
New York, NY 10016
212.929.5656


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SHEET TITLE:

## 3RD-9TH FLOOR REFLECTED CEILING PLAN


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SEAL & SIGNATURE

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DRAWN BY: Author
CHECKED BY: Checker
SCALE: As indicated
SHEET NO: OF
DRAWING NO: A-703.00
NYC DOB NUMBER: X00945951-I1

## LEGEND

### CEILING SYMBOL

- 2' X 2' ACCESS HATCH
- CEILING MOUNTED SPRINKLER
- WALL MOUNTED SPRINKLER
- CEILING GRILLE
- OCCUPANCY SENSOR
- EXIT LIGHT AND SIGN - CEILING MOUNTED
- EXIT LIGHT AND SIGN - WALL MOUNTED
- SCM — SMOKE & CARBON MONOXIDE DETECTOR
- IC — INTERCOM
- 0 | 0'-0" — CEILING HEIGHT
- CEILING TYPE
- DIF — 24" x 24" HVAC DIFFUSER - SEE MECHANICAL DWGS.
- 24" x 24" FLAT PANEL LED LIGHT FIXTURE
- 24" x 24" FLAT PANEL LED LIGHT FIXTURE - EMERGENCY BACK -UP
- 48" LED STRIP LIGHT
- 48" LED STRIP LIGHT - EMERGENCY BACK -UP
- 6" LED DOWN LIGHT
- 6" LED DOWN LIGHT - EMERGENCY BACK -UP
- HORN
- CAMERA

### CEILING TYPES

1. BOTTOM OF CEILING - KADEX PAINTED FINISH
2. GYP. BD. SUSPENDED CEILING
3. 2' X 2' ACOUSTIC TILE CEILING
4. CHARCOAL MONOGLASS SPRAY ON THERMAL INSULATION R-30
5. 3HR SPRAY ON FIREPROOFING INSUALTION
6. EXPOSED CEILING

### NOTES:

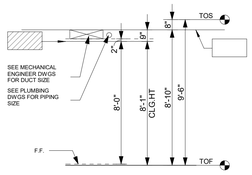
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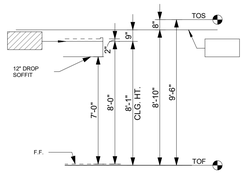
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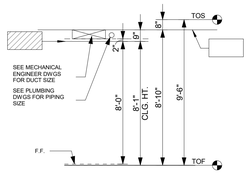
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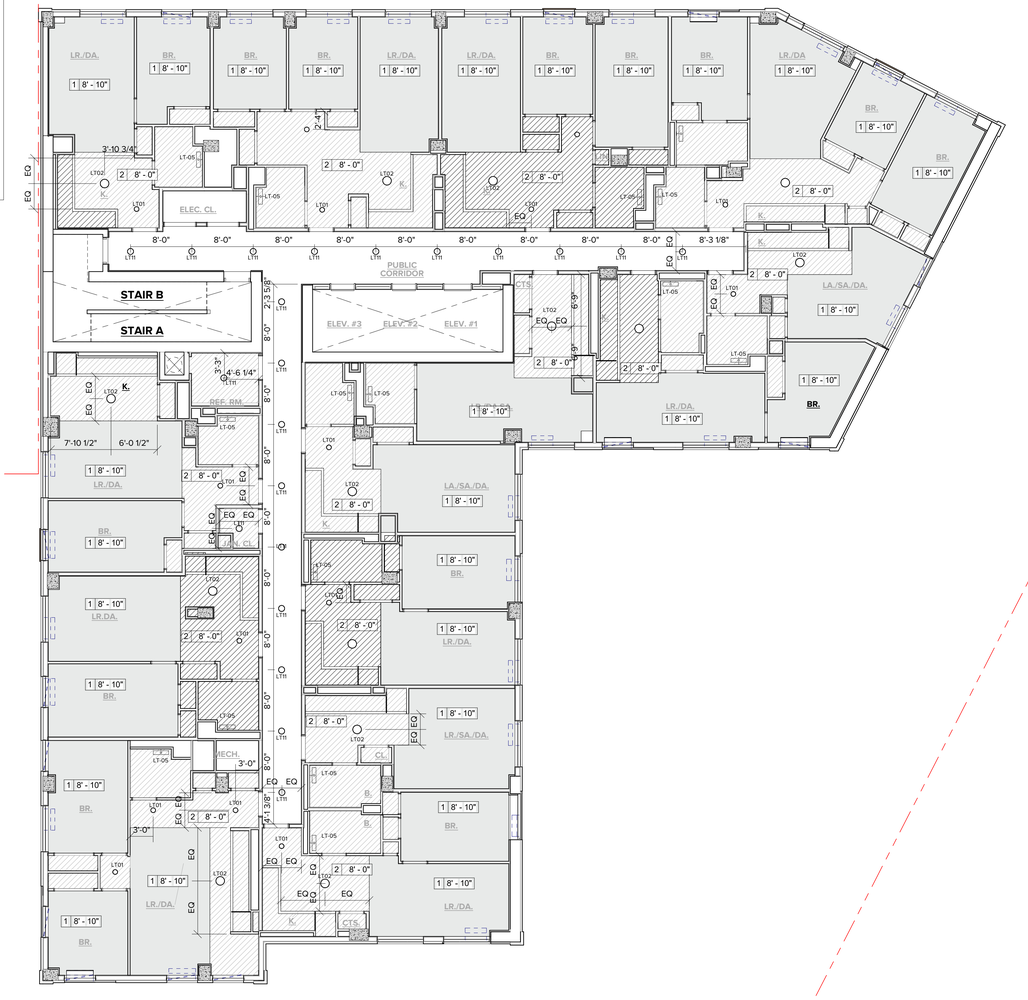

**PUBLIC CORRIDOR**




**KITCHEN**




**BATHROOM(S)**




1 A-704 10TH-15TH FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
**AUFGANG.**
74 Lafayette Avenue
Suite 301
Suffern, NY 10901
845.368.0004
info@aufgang.com

Owner/Developer
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280 East 161st St.
Bronx, NY 10451

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32nd Floor
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SHEET TITLE:

## 10TH-15TH FLOOR REFLECTED CEILING PLAN


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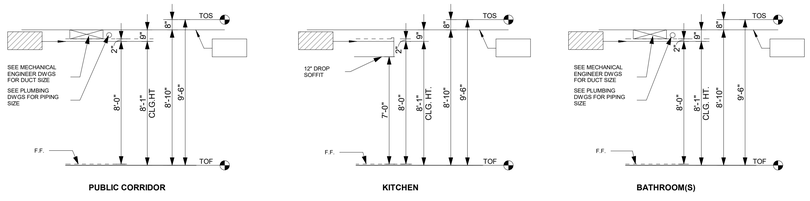
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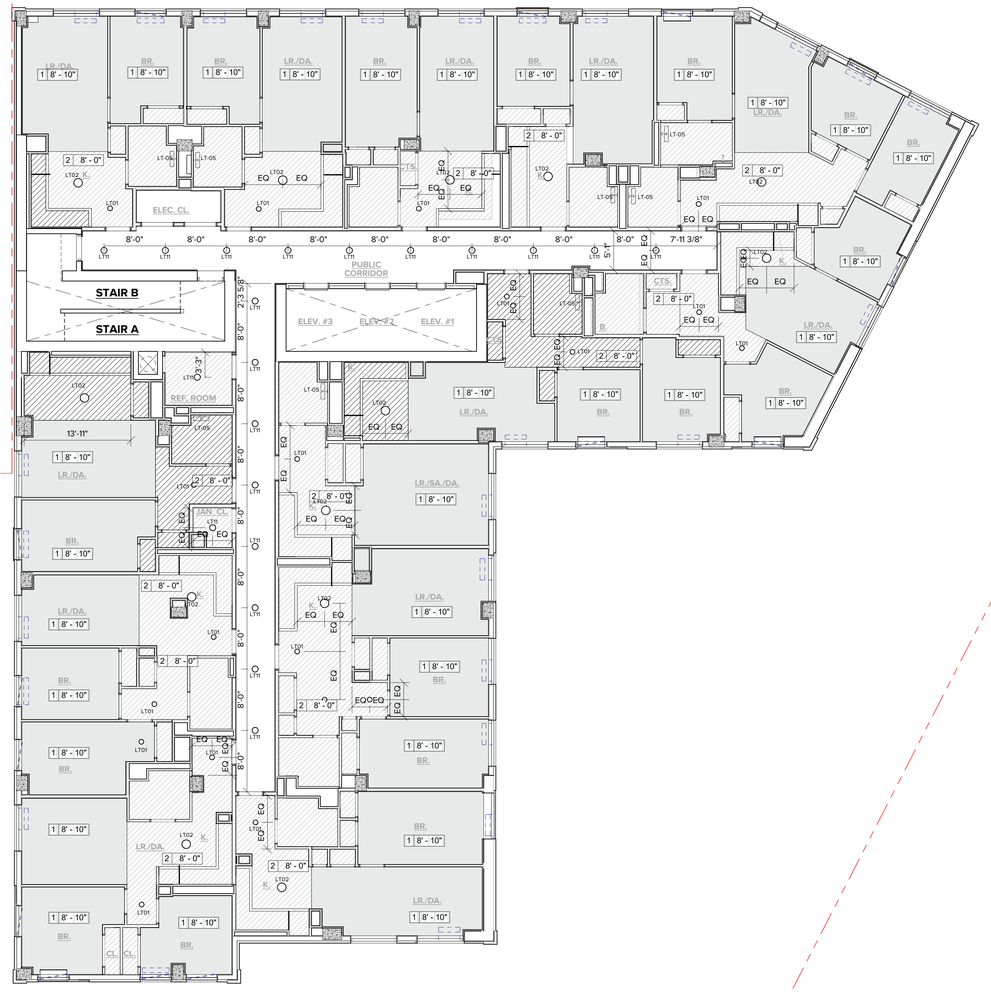
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**PUBLIC CORRIDOR** | **KITCHEN** | **BATHROOM(S)**




1 A-705 16TH-26TH FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

# 310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150


Architect:
**AUFGANG.**
74 Lafayette Avenue
Suite 301
Suffern, NY 10901
845.368.0004
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Owner/Developer
**BRONX PARK GTAH II LLC:**
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110 William St.
32nd Floor
New York, NY 10038
646.779.0758

Civil Engineer
**PHILIP HABIB & ASSOCIATES:**
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New York, NY 10016
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DRAWING NO: A-705.00

NYC DOB NUMBER: X00945951-I1

# APPENDIX B

Previous Investigation Reports

# APPENDIX C

Supplemental and BCP Eligibility Investigations

# RX-13



| | | |
|---|---|---|
| Client: Gilbane Development Company | Site: 280 E 161st Street | Project Number: 3868.0005Y000 |
| Address: 280 E 161st Street | City/State: Bronx, New York | Logged By: C. Curley |

| | | | |
|---|---|---|---|
| Start to Finish Date: 12/19/2024 - 12/19/2024 | Contractor: Trinity Environemtnal | Drill Type: Hand Auger | Sampler Type/Method: 2" Hand Auger |
| Borehole Depth: 6 feet | Backfill: Cuttings | Borehole Diameter: 2-inches | DTW: NM feet |
| Area: NM | Elevation: NM | Latitude: NM | Longitude: NM |

| Depth (ft) | USCS | USCS Graphic | Visual Description | Sample Interval | Recovery (ft) | PID | Notes |
|---|---|---|---|---|---|---|---|
| | MIXD | | Dark grey, fine to coarse SAND, some fine to coarse Gravel, trace brick and asphalt (FILL); moist. | | | 0.0 | Soil sample RX-13 (0-2) collected. |
| | MIXD | | Dark grey, fine to coarse SAND, some Gravel, trace brick (FILL); moist. | G | 5 | | Soil sample RX-13(3-5) collected. |
| 5 | SWG | | Dark brown, fine to coarse SAND, some Gravel, trace silt; moist. | | | 0.0 | |
| | | | Bottom of borehole at 6 feet | | | | |

ROUX STANDARD LOG - 1/14/25 12:00 - S:\GINT\PROJECTS\3868.0005Y000 (BCP ELIGIBILITY INVESTIGATION).GPJ

# RX-14



| | | |
|---|---|---|
| Client: Gilbane Development Company | Site: 280 E 161st Street | Project Number: 3868.0005Y000 |
| Address: 280 E 161st Street | City/State: Bronx, New York | Logged By: C. Curley |

| | | | |
|---|---|---|---|
| Start to Finish Date: 12/18/2024 - 12/18/2024 | Contractor: Trinity Environemtnal | Drill Type: Hand Auger | Sampler Type/Method: 2" Hand Auger |
| Borehole Depth: 4 feet | Backfill: Cuttings | Borehole Diameter: 2-inches | DTW: NM feet |
| Area: NM | Elevation: NM | Latitude: NM | Longitude: NM |

| Depth (ft) | USCS | USCS Graphic | Visual Description | Sample Interval | Recovery (ft) | PID | Notes |
|---|---|---|---|---|---|---|---|
| 0 | MIXD | | Light brown, fine to coarse SAND, little Gravel, trace brick and concrete (FILL); moist. | G | 4 | 0.0 | Soil sample RX-14(1-3) collected. |
| 3 | SW | | Light brown, fine to coarse SAND, trace gravel; moist. | | | 0.0 | |
| 4 | | | Bottom of borehole at 4 feet | | | | |

ROUX STANDARD LOG_ - 1/14/25 12:00 - S:\GINT\PROJECTS\3868.0005Y000 (BCP ELIGIBILITY INVESTIGATION).GPJ

# RX-15



| | | |
|---|---|---|
| Client: Gilbane Development Company | Site: 280 E 161st Street | Project Number: 3868.0005Y000 |
| Address: 280 E 161st Street | City/State: Bronx, New York | Logged By: C. Curley |

| | | | |
|---|---|---|---|
| Start to Finish Date: 12/19/2024 - 12/19/2024 | Contractor: Trinity Environemtnal | Drill Type: Hand Auger | Sampler Type/Method: 2" Hand Auger |
| Borehole Depth: 4 feet | Backfill: Cuttings | Borehole Diameter: 2-inches | DTW: NM feet |
| Area: NM | Elevation: NM | Latitude: NM | Longitude: NM |

| Depth (ft) | USCS | USCS Graphic | Visual Description | Sample Interval | Recovery (ft) | PID | Notes |
|---|---|---|---|---|---|---|---|
| 1 | MIXD | | Light brown, fine to coarse SAND, some fine Gravel, trace fill (FILL); moist. | G | 4 | | Soil sample RX-15(0-2) collected. |
| 2 | | | | | | | Soil sample RX-15(2-4) collected. |
| 3 | | | | | | | |

Bottom of borehole at 4 feet

ROUX STANDARD LOG_ - 1/14/25 12:00 - S:\GINT\PROJECTS\3868.0005Y000 (BCP ELIGIBILITY INVESTIGATION).GPJ

# RX-16



| | | |
|---|---|---|
| Client: Gilbane Development Company | Site: 280 E 161st Street | Project Number: 3868.0005Y000 |
| Address: 280 E 161st Street | City/State: Bronx, New York | Logged By: C. Curley |

| | | | |
|---|---|---|---|
| Start to Finish Date: 12/19/2024 - 12/19/2024 | Contractor: Trinity Environemtnal | Drill Type: Hand Auger | Sampler Type/Method: 2" Hand Auger |
| Borehole Depth: 6 feet | Backfill: Cuttings | Borehole Diameter: 2-inches | DTW: NM feet |
| Area: NM | Elevation: NM | Latitude: NM | Longitude: NM |

| Depth (ft) | USCS | USCS Graphic | Visual Description | Sample Interval | Recovery (ft) | PID | Notes |
|---|---|---|---|---|---|---|---|
| | MIXD | | Dark brown, fine to coarse SAND, some Gravel, trace organics (FILL); moist. | | | | Soil sample RX-16(0-2) collected. |
| | MIXD | | Dark brown, fine to coarse SAND, some fine to coarse Gravel, trace brick (FILL); moist. | G | 5 | 0.0 | Soil sample RX-16(2-4) collected. |
| 5 | SWG | | Dark brown, fine to coarse SAND, some Gravel, trace silt; moist. | | | 0.0 | |
| | | | Bottom of borehole at 6 feet | | | | |

ROUX STANDARD LOG - 1/14/25 12:00 - S:\GINT\PROJECTS\3868.0005Y000 (BCP ELIGIBILITY INVESTIGATION).GPJ

# RX-17



| | | |
|---|---|---|
| Client: Gilbane Development Company | Site: 280 E 161st Street | Project Number: 3868.0005Y000 |
| Address: 280 E 161st Street | City/State: Bronx, New York | Logged By: C. Curley |

| | | | |
|---|---|---|---|
| Start to Finish Date: 12/19/2024 - 12/19/2024 | Contractor: Trinity Environemtnal | Drill Type: Geoprobe | Sampler Type/Method: 2" Split Spoon |
| Borehole Depth: 13 feet | Backfill: Cuttings | Borehole Diameter: 2-inches | DTW: NM feet |
| Area: NM | Elevation: NM | Latitude: NM | Longitude: NM |

| Depth (ft) | USCS | USCS Graphic | Visual Description | Sample Interval | Recovery (ft) | PID | Notes |
|---|---|---|---|---|---|---|---|
| | MIXD | | Dark brown, fine to coarse SAND, trace gravel and fill (FILL); moist. | G | 5 | | Soil sample RX-17(0-2) collected. |
| 5 | | | | | | | Soil sample RX-17(4-6) collected. |
| | | | Reddish brown, fine to coarse SAND, trace gravel; moist. | | | | |
| 10 | SW | | | | | | Refusal hit at 13 ft. |
| | | | Bottom of borehole at 13 feet | | | | |

ROUX STANDARD LOG_ - 1/14/25 12:00 - S:\GINT\PROJECTS\3868.0005Y000 (BCP ELIGIBILITY INVESTIGATION).GPJ

# RX-22



| Client: | Site: | Project Number: |
|---|---|---|
| Gilbane Development Company | 280 E 161st Street | 3868.0005Y000 |
| **Address:** | **City/State:** | **Logged By:** |
| 280 E 161st Street | Bronx, New York | P. Perry |

| Start to Finish Date: | Contractor: | Drill Type: | Sampler Type/Method: |
|---|---|---|---|
| 9/5/2024 - 9/5/2024 | Trinity Environemtnal | Hand Auger | 2" Hand Auger |
| **Borehole Depth:** | **Backfill:** | **Borehole Diameter:** | **DTW:** |
| 6.5 feet | Cuttings | 2-inches | NM feet |
| **Area:** | **Elevation:** | **Latitude:** | **Longitude:** |
| NM | NM | NM | NM |

| Depth (ft) | USCS | USCS Graphic | Visual Description | Sample Interval | Recovery (ft) | PID | Notes |
|---|---|---|---|---|---|---|---|
| | MIXD | | Brown, fine to coarse SAND, some fine to coarse Gravel (FILL); moist. | | | | |
| | | | Dark grey, fine to coarse SAND, some Wood, Cobble, Brick, and Concrete, little Glass and Metal (FILL); moist. | G | 5 | 4.5 | Staining observed. |
| | | | | | | 5.0 | |
| | MIXD | | | | | 3.8 | |
| 5 | | | | | | 15.6 | Soil sample RX-22(5-6) collected. |
| | | | | | | 4.8 | Refusal hit at 6ft. |
| | | | Bottom of borehole at 6.5 feet | | | | |

ROUX STANDARD LOG_ - 1/14/25 11:42 - S:\GINT\PROJECTS\3868.0005Y000 (EAST TOWER SUPPLEMENTAL BCP ELIGIBILITY INVESTIGATION).GPJ

# RX-23



| | | | |
|---|---|---|---|
| Client: Gilbane Development Company | Site: 280 E 161st Street | Project Number: 3868.0005Y000 | |
| Address: 280 E 161st Street | City/State: Bronx, New York | Logged By: P. Perry | |
| Start to Finish Date: 9/6/2024 - 9/6/2024 | Contractor: Trinity Environemtnal | Drill Type: Geoprobe | Sampler Type/Method: 2" Split Spoon |
| Borehole Depth: 17 feet | Backfill: Cuttings | Borehole Diameter: 2-inches | DTW: NM feet |
| Area: NM | Elevation: NM | Latitude: NM | Longitude: NM |

| Depth (ft) | USCS | USCS Graphic | Visual Description | Sample Interval | Recovery (ft) | PID | Notes |
|---|---|---|---|---|---|---|---|
| | MIXD | | Grey, fine to coarse GRAVEL, some fine to coarse Sand (FILL); moist. | | | | |
| | | | Dark grey, fine to coarse SAND, some Wood, Cobble, Brick, and Concrete, little Metal (FILL); moist. | G | 5 | 9.8 | Staining observed. |
| | | | | | | 4.5 | |
| 5 | | | | | | | Soil sample RX-23(5-7) collected. |
| | MIXD | | | | | | |
| | | | | | | 2.4 | |
| 10 | | | | | | 5.2 | Soil sample RX-23(10-12) collected. |
| | BLDRCBBL | | BOULDER. | | | | Soil vapor point SV-01 installed to 12 ft bls. |
| | | | Brown, medium SAND, little Gravel; moist. | | | 0.0 | |
| 15 | SPG | | | | | 0.0 | |
| | BEDR | | BEDROCK. | | | | |
| | | | Bottom of borehole at 17 feet | | | | |

ROUX STANDARD LOG_ - 1/14/25 11:42 - S:\GINT\PROJECTS\3868.0005Y000 (EAST TOWER SUPPLEMENTAL BCP ELIGIBILITY INVESTIGATION).GPJ

# RX-24



| | | |
|---|---|---|
| Client: Gilbane Development Company | Site: 280 E 161st Street | Project Number: 3868.0005Y000 |
| Address: 280 E 161st Street | City/State: Bronx, New York | Logged By: P. Perry |

| | | | |
|---|---|---|---|
| Start to Finish Date: 9/6/2024 - 9/6/2024 | Contractor: Trinity Environemtnal | Drill Type: Geoprobe | Sampler Type/Method: 2" Split Spoon |
| Borehole Depth: 15 feet | Backfill: Cuttings | Borehole Diameter: 2-inches | DTW: NM feet |
| Area: NM | Elevation: NM | Latitude: NM | Longitude: NM |

| Depth (ft) | USCS | USCS Graphic | Visual Description | Sample Interval | Recovery (ft) | PID | Notes |
|---|---|---|---|---|---|---|---|
| | ASPH | | ASPHALT. | | | 0.0 | |
| | MIXD | | Grey, fine to coarse GRAVEL, some fine to coarse Sand (FILL); moist. | | | 2.1 | Staining observed. |
| | MIXD | | Dark grey, fine to coarse SAND, some Brick and Wood, little Glass (FILL); moist. | G | 4 | 3.3 | |
| | | | | | | 2.8 | |
| | | | CONCRETE. | | | 0.0 | |
| 5 | CONC | | | | | | |
| | MIXD | | Dark grey, fine to coarse SAND, some Wood (FILL); moist. | | | 3.4 | Staining observed. |
| | SWG | | Brown, fine to coarse SAND, some fine to coarse Gravel; moist. | | | | Soil sample RX-24(7-8) collected. |
| | SW | | Dark grey, fine to coarse SAND; moist. | | | 4.2 | Staining observed. |
| | SP | | Brown, medium SAND; moist. | | | 0.0 | |
| 10 | | | Light brown, medium SAND; moist. | | | 0.0 | |
| | SP | | | | | | |
| | SP | | Grey, medium SAND; moist. | | | 151.0 | Soil sample RX-24(14-15) collected. |

Bottom of borehole at 15 feet

ROUX STANDARD LOG - 1/14/25 11:42 - S:\GINT\PROJECTS\3868.0005Y000 (EAST TOWER SUPPLEMENTAL BCP ELIGIBILITY INVESTIGATION).GPJ

# RX-25



| | | | |
|---|---|---|---|
| Client: Gilbane Development Company | Site: 280 E 161st Street | Project Number: 3868.0005Y000 | |
| Address: 280 E 161st Street | City/State: Bronx, New York | Logged By: P. Perry | |
| Start to Finish Date: 9/6/2024 - 9/6/2024 | Contractor: Trinity Environemtnal | Drill Type: Hand Auger | Sampler Type/Method: 2" Hand Auger |
| Borehole Depth: 5.5 feet | Backfill: Cuttings | Borehole Diameter: 2-inches | DTW: NM feet |
| Area: NM | Elevation: NM | Latitude: NM | Longitude: NM |

| Depth (ft) | USCS | USCS Graphic | Visual Description | Sample Interval | Recovery (ft) | PID | Notes |
|---|---|---|---|---|---|---|---|
| | ASPH | | ASPHALT. | | | 0.0 | |
| | MIXD | | Grey, fine to coarse GRAVEL, some fine to coarse Sand (FILL); moist. | | | | |
| | | | Dark grey, fine to coarse SAND, some Brick, Gravel, and Wood, little Concrete and Metal (FILL); moist. | | | 2.8 | Staining observed. |
| | | | | | | 3.4 | |
| | | | | G | 5 | | |
| | MIXD | | | | | 5.6 | Soil sample RX-25(3-5) collected. |
| | | | | | | 2.3 | |
| 5 | | | | | | | |

Bottom of borehole at 5.5 feet

ROUX STANDARD LOG - 1/14/25 11:42 - S:\GINT\PROJECTS\3868.0005Y000 (EAST TOWER SUPPLEMENTAL BCP ELIGIBILITY INVESTIGATION).GPJ

# RX-18



| | | | |
|---|---|---|---|
| Client: Gilbane Development Company | Site: 280 E 161st Street | Project Number: 3868.0005Y000 | |
| Address: 280 E 161st Street | City/State: Bronx, New York | Logged By: A. Melican | |
| Start to Finish Date: 2/15/2024 - 2/15/2025 | Contractor: Trinity Environemtnal | Drill Type: Hand Auger | Sampler Type/Method: 2" Hand Auger |
| Borehole Depth: 4 feet | Backfill: Cuttings | Borehole Diameter: 2-inches | DTW: NM feet |
| Area: NM | Elevation: NM | Latitude: NM | Longitude: NM |

| Depth (ft) | USCS | USCS Graphic | Visual Description | Sample Interval | Recovery (ft) | PID | Notes |
|---|---|---|---|---|---|---|---|
| | ASPH | | ASPHALT. | | | | |
| | MIXD | | Dark brown, fine to medium SAND, some Cobble and fine Gravel, trace brick (FILL); moist. | | | 2.0 | |
| 1 | MIXD | | Dark brown, fine to medium SAND, little Gravel, trace brick (FILL); moist. | | | 2.0 | |
| 2 | MIXD | | Dark brown, fine to coarse SAND, little Cobble and Brick, trace fine gravel (FILL); moist. | G | 4 | 5.0 | |
| 3 | MIXD | | Dark brown, fine to coarse SAND, little Brick (FILL); moist. | | | 39.5 | Soil sample RX-18(3-4) collected.<br>Odor and staining observed. |
| | | | Bottom of borehole at 4 feet | | | | |

ROUX STANDARD LOG_ - 1/14/25 11:52 - S:\GINT\PROJECTS\3868.0005Y000 (SUPPLEMENTAL BCP ELIGIBILITY INVESTIGATION).GPJ

# RX-19



| | | |
|---|---|---|
| Client: Gilbane Development Company | Site: 280 E 161st Street | Project Number: 3868.0005Y000 |
| Address: 280 E 161st Street | City/State: Bronx, New York | Logged By: A. Melican |

| | | | |
|---|---|---|---|
| Start to Finish Date: 2/15/2024 - 2/15/2025 | Contractor: Trinity Environemtnal | Drill Type: Geoprobe | Sampler Type/Method: 2" Split Spoon |
| Borehole Depth: 14 feet | Backfill: Cuttings | Borehole Diameter: 2-inches | DTW: NM feet |
| Area: NM | Elevation: NM | Latitude: NM | Longitude: NM |

| Depth (ft) | USCS | USCS Graphic | Visual Description | Sample Interval | Recovery (ft) | PID | Notes |
|---|---|---|---|---|---|---|---|
| | ASPH | | ASPHALT. | | | 0.2 | |
| | MIXD | | Dark grey, fine to medium SAND, some Silt, little Cobble, trace brick (FILL); moist. | | | 0.2 | |
| | MIXD | | Dark brown, fine to medium SAND, some Silt, little Cobble, trace brick and concrete (FILL); moist. | G | 5 | | Soil sample RX-19(3-5) collected. |
| 5 | SP-SM | | Dark brown, fine to medium SAND, some Silt, little Gravel; moist. | | | 0.0 | |
| | SPG | | Light brown, medium to coarse SAND, some fine Gravel; moist. | | | 0.0 | |
| | SWG | | Brown, fine to coarse SAND, some fine Gravel; moist. | | | 0.0 | |
| 10 | SP | | Light brown, fine to medium SAND, trace fine gravel; moist. | | | 0.0 | |
| | SP-SC | | Light brown, coarse SAND, little Clay, trace gravel; moist. | | | | |

Bottom of borehole at 14 feet

ROUX STANDARD LOG_ - 1/14/25 11:52 - S:\GINT\PROJECTS\3868.0005Y000 (SUPPLEMENTAL BCP ELIGIBILITY INVESTIGATION).GPJ

# RX-20



| | | |
|---|---|---|
| Client: Gilbane Development Company | Site: 280 E 161st Street | Project Number: 3868.0005Y000 |
| Address: 280 E 161st Street | City/State: Bronx, New York | Logged By: A. Melican |

| | | | |
|---|---|---|---|
| Start to Finish Date: 2/15/2024 - 2/15/2025 | Contractor: Trinity Environemtnal | Drill Type: Geoprobe | Sampler Type/Method: 2" Split Spoon |
| Borehole Depth: 8 feet | Backfill: Cuttings | Borehole Diameter: 2-inches | DTW: NM feet |
| Area: NM | Elevation: NM | Latitude: NM | Longitude: NM |

| Depth (ft) | USCS | USCS Graphic | Visual Description | Sample Interval | Recovery (ft) | PID | Notes |
|---|---|---|---|---|---|---|---|
| | ASPH | | ASPHALT. | | | | |
| | MIXD | | Dark grey, fine to coarse SAND, some Silt, little Cobble, trace brick and wood (FILL); moist. | | | 0.3 | |
| | MIXD | | Dark grey, fine to coarse SAND, some Silt, little Cobble, trace brick and wood (FILL); moist. | G | 5 | 0.3 | |
| | MIXD | | Light brown, fine to medium SAND, some Silt, little Cobble, trace brick and wood (FILL); moist. | | | | |
| | MIXD | | Dark brown, fine to coarse SAND, little Cobble, trace brick and wood (FILL); moist. | | | | |
| 5 | MIXD | | Dark brown, medium coarse SAND, some fine to coarse Gravel, trace brick (FILL); moist. | | | 0.4 | Soil sample RX-20(6-8) collected. |
| | | | Bottom of borehole at 8 feet | | | 0.1 | Refusal hit at 8 ft. |

ROUX STANDARD LOG - 1/14/25 11:52 - S:\GINT\PROJECTS\3868.0005Y000 (SUPPLEMENTAL BCP ELIGIBILITY INVESTIGATION).GPJ

# RX-21



| | | |
|---|---|---|
| Client: Gilbane Development Company | Site: 280 E 161st Street | Project Number: 3868.0005Y000 |
| Address: 280 E 161st Street | City/State: Bronx, New York | Logged By: A. Melican |

| | | | |
|---|---|---|---|
| Start to Finish Date: 2/15/2024 - 2/15/2025 | Contractor: Trinity Environemtnal | Drill Type: Geoprobe | Sampler Type/Method: 2" Split Spoon |
| Borehole Depth: 14 feet | Backfill: Cuttings | Borehole Diameter: 2-inches | DTW: NM feet |
| Area: NM | Elevation: NM | Latitude: NM | Longitude: NM |

| Depth (ft) | USCS | USCS Graphic | Visual Description | Sample Interval | Recovery (ft) | PID | Notes |
|---|---|---|---|---|---|---|---|
| | ASPH | | ASPHALT. | | | | |
| | MIXD | | Dark brown, fine to medium SAND, some Cobble, little Brick, trace silt (FILL); moist. | | | 0.2 | |
| | MIXD | | Dark brown, fine to medium SAND, some coarse Gravel, little Cobble, trace brick (FILL); moist. | G | 5 | 0.4 | |
| | MIXD | | Dark brown, fine to medium SAND, some Wood, Organics, and fine Gravel, little Cobble, trace brick (FILL); moist. | | | 1.0 | |
| | MIXD | | Light brown, fine to medium SAND, some Organics and Brick, little Cobble, trace silt (FILL); moist. | | | 1.7 | |
| 5 | MIXD | | Light brown, fine to coarse SAND, little Organics, trace brick and cobble (FILL); moist. | | | 0.0 | |
| 10 | MIXD | | Dark brown, fine to medium SAND, some fine Gravel, little Brick and Organics, trace cobble (FILL); moist. | | | 1.2 | Soil sample RX-21(10-12) collected. |
| | MIXD | | Medium brown, fine to medium SAND, some fine Gravel, trace brick and organics (FILL); moist. | | | 1.2 | |
| | | | Bottom of borehole at 14 feet | | | | |

ROUX STANDARD LOG - 1/14/25 11:52 - S:\GINT\PROJECTS\3868.0005Y000 (SUPPLEMENTAL BCP ELIGIBILITY INVESTIGATION).GPJ

# APPENDIX D

Daily and CAMP Reports

ROUX

# DAILY SITE FIELD ACTIVITY REPORT

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/12/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 32-39°F, Sunny, RH: 42% Pres: 30.10" Wind: West @ 12 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:30 – 16:00 |

| **CONTRACTOR AND EQUIPMENT** | **PERSONNEL PRESENT AT SITE AND AFFILIATION:** |
|---|---|
| Drilling Contractor – Trinity Environmental<br>- 2x Personnel<br>- 1x Geoprobe 7720DT | Patrick Perry – Roux D.P.C.<br>Emelia Pagano – Roux D.P.C. |

**SCOPE OF WORK:**

Roux D.P.C. (Roux) was onsite to complete implementation of the Remedial Investigation (RI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP), dated December 19, 2025.

**Description of work activities performed and general observations/comments:**

- Roux performed Site reconnaissance including marking all soil boring locations using an Arrow 100 GNSS Receiver for accuracy.
- Trinity Environmental (Trinity) completed utility pre-clearance to 5 feet below land surface (ft bls) at each soil boring location prior to advancement with the Geoprobe drill rig 7720DT.
- Trinity completed Remedial Investigation (RI) locations ETSB-07, and waste characterization locations C3-1, C3-2, C3-3, and C3-4.
- Roux inspected all recovered soil, recoded lithology, and screened with a photoionization detector (PID) for volatile organic compounds (VOCs).

**CAMP data evaluation:** CAMP was implemented from 08:30 – 13:15. There were no exceedances of particulate or volatile organic compound (VOC) action levels during this period.

**Offsite Disposal:** N/A

**Sampling Performed:**

| **Matrix** | **Sample ID** | **Analyses** |
|---|---|---|
| Soil | ETSB-07 (0-2 in) | 8081B – Target Compound List (TCL)/Part 375 pesticides, 8082A – polychlorinated biphenyls (PCBs), 8270D - TCL/Part 375 semivolatile organic compounds (SVOCs) + 1,4-Dioxane, 6020B/7470A – Target Analyte List (TAL)/Part 375 metals + mercury, 9010C – total cyanide, 7196A - Hexavalent Chromium and Trivalent Chromium. |
| Soil | ETSB-07 (2-6in) | 8260C - TCL/Part 375 VOCs |
| Soil | ESTB-07 (2-4)<br>ETSB-07 (6-8)<br>ETSB-07 (9-11)<br>ETSB-07 (11.5-13.5) | 8260C - TCL/Part 375 VOCs, 8081B –TCL/Part 375 pesticides, 8082A – PCBs, 8270D - TCL/Part 375 SVOCs + 1,4-Dioxane, 6020B/7470A TAL/Part 375 metals + mercury, 9010C – total cyanide, 7196A - Hexavalent Chromium and Trivalent Chromium. |

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/12/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 32-39°F, Sunny, RH: 42% Pres: 30.10" Wind: West @ 12 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:30 – 16:00 |

| | | |
|---|---|---|
| Soil | ETSB-07 (2-4)_P | 1633A per and polyfluoroalkyl substances PFAS – Standard List 40 |
| Soil | WC-C3 (0-2) | TCL/Soil Remediation Standards (SRS)/NYSDEC Part 375 SVOCs, pesticides, herbicides, PCBs, TCL/SRS/NYSDEC Part 375 metals, Resource Conservation and Recovery Act (RCRA) characteristics, Toxicity Characteristic Leaching Procedure (TCLP) metals, paint filter, New Jersey extractable petroleum hydrocarbons (NJEPH), and on hold - TCLP SVOCs, TCLP pesticides, and TCLP herbicides. |
| Soil | WC-C3-4 (0-2) | TCL/SRS/NYSDEC Part 375 VOCs, on hold - TCLP VOCs. |

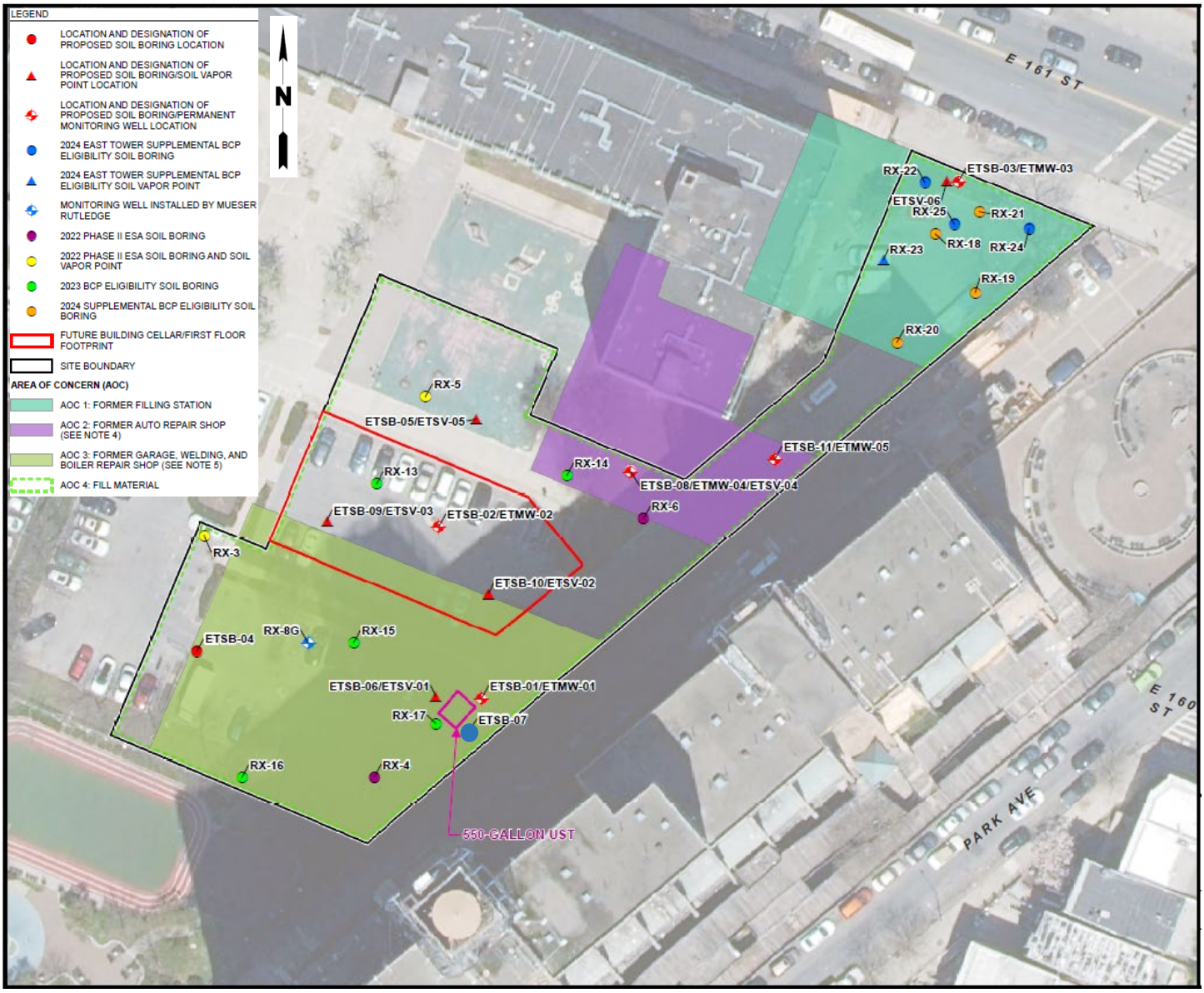
**Upcoming work activities anticipated:**

- Soil boring advancement will continue utilizing the Geoprobe drill rig.
- Roux will continue inspecting all recovered soil, recording lithology, and screening with a PID for VOCs. Soil samples will be collected at all waste characterization/RI locations.
- Roux will install soil vapor points and groundwater monitoring wells.
- Mega Surveying and Engineering will survey permanent groundwater monitoring well locations following installation.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/12/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 32-39°F, Sunny, RH: 42% Pres: 30.10" Wind: West @ 12 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:30 – 16:00 |




Legend

- RI location pre-cleared
- RI monitoring well location installed
- RI soil boring location complete

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/12/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 32-39°F, Sunny, RH: 42% Pres: 30.10" Wind: West @ 12 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:30 – 16:00 |

**PHOTOGRAPHS TAKEN TODAY: Morrisania East**




**Photo 1**: Looking south, view of Trinity breaking up surface asphalt with an air hammer at ETSB-07.



**Photo 2:** Looking north, view of Trinity drilling at ETSB-07.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry** |
| | | | **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

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**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/12/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 32-39°F, Sunny, RH: 42% Pres: 30.10" Wind: West @ 12 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:30 – 16:00 |



**Photo 3:** Looking northeast, view of the downwind CAMP station.



**Photo 4:** Looking west, view of the upwind CAMP station.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry** |
| | | | **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

**Roux Environmental Engineering and Geology, D.P.C.**
**Community Air Monitoring Program - DUST**

Project: Morrisania East (C203183)
PM: Lauren Dolginko
Location: E 161st Street, Bronx, NY
Date: 1/12/2026

Upwind Serial Number 8530130802
Downwind Serial Number 8530163514

| Upwind | | Downwind | | Corrected Downwind[1] | Comments |
|---|---|---|---|---|---|
| Time | Concentration [mg/m3] | Time | Concentration [mg/m3] | Concentration [mg/m3] | |
| 8:54 AM | 0.015 | 8:53 AM | 0.010 | -0.005 | |
| 9:09 AM | 0.010 | 9:08 AM | 0.006 | -0.004 | |
| 9:24 AM | 0.009 | 9:23 AM | 0.006 | -0.003 | |
| 9:39 AM | 0.007 | 9:38 AM | 0.005 | -0.002 | |
| 9:54 AM | 0.006 | 9:53 AM | 0.004 | -0.002 | |
| 10:09 AM | 0.006 | 10:08 AM | 0.004 | -0.002 | |
| 10:24 AM | 0.008 | 10:23 AM | 0.005 | -0.003 | |
| 10:39 AM | 0.007 | 10:38 AM | 0.005 | -0.002 | |
| 10:54 AM | 0.007 | 10:53 AM | 0.005 | -0.002 | |
| 11:09 AM | 0.007 | 11:08 AM | 0.005 | -0.002 | |
| 11:24 AM | 0.006 | 11:23 AM | 0.004 | -0.002 | |
| 11:39 AM | 0.007 | 11:38 AM | 0.004 | -0.003 | |
| 11:54 AM | 0.007 | 11:53 AM | 0.005 | -0.002 | |
| 12:09 PM | 0.007 | 12:08 PM | 0.005 | -0.002 | |
| 12:24 PM | 0.008 | 12:23 PM | 0.005 | -0.003 | |
| 12:39 PM | 0.007 | 12:38 PM | 0.005 | -0.002 | |
| 12:54 PM | 0.008 | 12:53 PM | 0.006 | -0.002 | |
| 1:09 PM | 0.011 | 1:08 PM | 0.008 | -0.003 | |
| 1:24 PM | 0.012 | 1:23 PM | 0.008 | -0.004 | |
| 1:39 PM | 0.012 | 1:38 PM | 0.008 | -0.004 | |
| 1:54 PM | 0.013 | 1:53 PM | 0.009 | -0.004 | |
| 2:09 PM | 0.013 | 2:08 PM | 0.011 | -0.002 | |
| 2:24 PM | 0.014 | 2:23 PM | 0.010 | -0.004 | |
| 2:39 PM | 0.014 | 2:38 PM | 0.009 | -0.005 | |
| 2:54 PM | 0.013 | 2:53 PM | 0.009 | -0.004 | |
| 3:09 PM | 0.000 | 3:08 PM | 0.010 | 0.010 | |

**Notes:**
1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.

**Roux Environmental Engineering and Geology, D.P.C.**
**Community Air Monitoring Program - VOC**

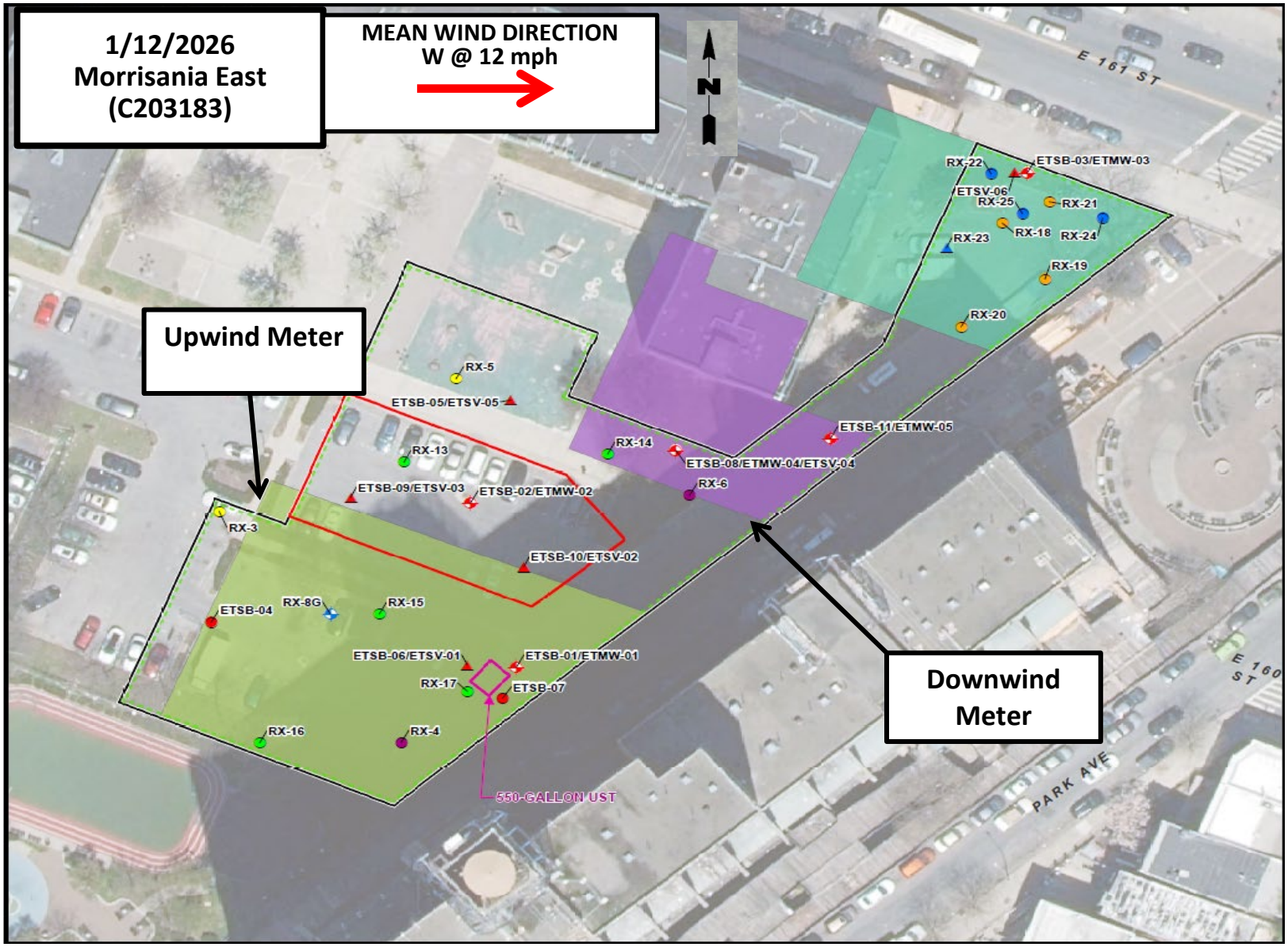
Project: Morrisania East (C203183)
PM: Lauren Dolginko
Location: E 161st Street, Bronx, NY
Date: 1/12/2026

Upwind Serial Number 592-601739
Downwind Serial Number 592-906598

| Upwind | | Downwind | | Corrected[1] Downwind | Comments |
|---|---|---|---|---|---|
| Time | VOC Average (ppm) | Time | VOC Average (ppm) | VOC Average (ppm) | |
| 8:49 AM | 0.0 | 8:58 AM | 0.0 | 0.0 | |
| 9:04 AM | 0.0 | 9:13 AM | 0.0 | 0.0 | |
| 9:19 AM | 0.0 | 9:28 AM | 0.0 | 0.0 | |
| 9:34 AM | 0.0 | 9:43 AM | 0.0 | 0.0 | |
| 9:49 AM | 0.1 | 9:58 AM | 0.0 | -0.1 | |
| 10:04 AM | 0.1 | 10:13 AM | 0.0 | -0.1 | |
| 10:19 AM | 0.1 | 10:28 AM | 0.0 | -0.1 | |
| 10:34 AM | 0.1 | 10:43 AM | 0.0 | -0.1 | |
| 10:49 AM | 0.1 | 10:58 AM | 0.0 | -0.1 | |
| 11:04 AM | 0.1 | 11:13 AM | 0.0 | -0.1 | |
| 11:19 AM | 0.1 | 11:28 AM | 0.0 | -0.1 | |
| 11:34 AM | 0.2 | 11:43 AM | 0.0 | -0.2 | |
| 11:49 AM | 0.2 | 11:58 AM | 0.0 | -0.2 | |
| 12:04 PM | 0.2 | 12:13 PM | 0.0 | -0.2 | |
| 12:19 PM | 0.2 | 12:28 PM | 0.0 | -0.2 | |
| 12:34 PM | 0.2 | 12:43 PM | 0.0 | -0.2 | |
| 12:49 PM | 0.2 | 12:58 PM | 0.0 | -0.2 | |
| 1:04 PM | 0.3 | 1:13 PM | 0.0 | -0.3 | |
| 1:19 PM | 0.3 | 1:28 PM | 0.0 | -0.3 | |
| 1:34 PM | 0.3 | 1:43 PM | 0.0 | -0.3 | |
| 1:49 PM | 0.3 | 1:58 PM | 0.0 | -0.3 | |
| 2:04 PM | 0.2 | 2:13 PM | 0.0 | -0.2 | |
| 2:19 PM | 0.2 | 2:28 PM | 0.0 | -0.2 | |
| 2:34 PM | 0.2 | 2:43 PM | 0.0 | -0.2 | |
| 2:49 PM | 0.2 | 2:58 PM | 0.0 | -0.2 | |
| | 0.3 | 3:13 PM | 0.0 | -0.3 | |

**Notes:**

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.


1/12/2026
Morrisania East
(C203183)
MEAN WIND DIRECTION
W @ 12 mph
N
Upwind Meter
Downwind Meter
E 161 ST
E 160 ST
PARK AVE
RX-22
ETSB-03/ETMW-03
ETSV-06
RX-25
RX-21
RX-18
RX-24
RX-23
RX-19
RX-20
RX-5
ETSB-05/ETSV-05
ETSB-11/ETMW-05
RX-14
ETSB-08/ETMW-04/ETSV-04
RX-13
RX-6
ETSB-09/ETSV-03
ETSB-02/ETMW-02
RX-3
ETSB-10/ETSV-02
ETSB-04
RX-8G
RX-15
ETSB-06/ETSV-01
ETSB-01/ETMW-01
RX-17
ETSB-07
RX-16
RX-4
550-GALLON UST

ROUX

# DAILY SITE FIELD ACTIVITY REPORT

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/13/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 31-46°F, cloudy, RH: 72% Pres: 30.10" Wind: West southwest @ 5 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:30 – 16:00 |

| **CONTRACTOR AND EQUIPMENT** | **PERSONNEL PRESENT AT SITE AND AFFILIATION:** |
|---|---|
| Drilling Contractor – Trinity Environmental<br>- 2x Personnel<br>- 1x Geoprobe 7720DT | Ben Weintraub – Roux D.P.C.<br>Emelia Pagano – Roux D.P.C. |

**SCOPE OF WORK:**

Roux D.P.C. (Roux) was onsite to complete implementation of the Remedial Investigation (RI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP), dated December 19, 2025.

**Description of work activities performed and general observations/comments:**

- Trinity Environmental (Trinity) completed utility pre-clearance to 5 feet below land surface (ft bls) at each soil boring location prior to advancement with the Geoprobe drill rig 7720DT.
- Trinity completed Remedial Investigation (RI) locations ETSB-04, ETSB-05, and ETSB-08 and waste characterization locations C2-1, C2-2, C2-3, and C2-4.
- Trinity and Roux installed soil vapor point ETSV-05 and ETSV-08.
- Roux inspected all recovered soil, recoded lithology, and screened with a photoionization detector (PID) for volatile organic compounds (VOCs).

**CAMP data evaluation:** CAMP was implemented from 07:30 – 14:00. There were no exceedances of particulate or volatile organic compound (VOC) action levels during this period.

**Offsite Disposal:** N/A

**Sampling Performed:**

| **Matrix** | **Sample ID** | **Analyses** |
|---|---|---|
| Soil | ETSB-04 (0-2 in)<br>ETSB-05 (0-2in)<br>ETSB-08 (0-2in) | 8081B – Target Compound List (TCL)/Part 375 pesticides, 8082A – polychlorinated biphenyls (PCBs), 8270D - TCL/Part 375 semivolatile organic compounds (SVOCs) + 1,4-Dioxane, 6020B/7470A – Target Analyte List (TAL)/Part 375 metals + mercury, 9010C – total cyanide, 7196A - Hexavalent Chromium and Trivalent Chromium. |
| Soil | ETSB-04 (2-6in)<br>ETSB-05 (2-6in)<br>ETSB-08 (2-6in) | 8260C - TCL/Part 375 VOCs |

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/13/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 31-46°F, cloudy, RH: 72% Pres: 30.10" Wind: West southwest @ 5 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:30 – 16:00 |

| | | |
|---|---|---|
| Soil | ESTB-04 (2-4)<br>ESTB-05 (2-4)<br>ESTB-08 (2-4) | 8260C - TCL/Part 375 VOCs, 8081B –TCL/Part 375 pesticides, 8082A – PCBs, 8270D - TCL/Part 375 SVOCs + 1,4-Dioxane, 6020B/7470A TAL/Part 375 metals + mercury, 9010C – total cyanide, 7196A - Hexavalent Chromium and Trivalent Chromium. |
| Soil | ETSB-04 (2-4)_P<br>ETSB-04 (2-4)_P<br>ETSB-04 (2-4)_P | 1633A per and polyfluoroalkyl substances PFAS – Standard List 40 |
| Soil | WC-C2 (0-2) | TCL/Soil Remediation Standards (SRS)/NYSDEC Part 375 SVOCs, pesticides, herbicides, PCBs, TCL/SRS/NYSDEC Part 375 metals, Resource Conservation and Recovery Act (RCRA) characteristics, Toxicity Characteristic Leaching Procedure (TCLP) metals, paint filter, New Jersey extractable petroleum hydrocarbons (NJEPH), and on hold - TCLP SVOCs, TCLP pesticides, and TCLP herbicides. |
| Soil | WC-C2-1 (0-2) | TCL/SRS/NYSDEC Part 375 VOCs, on hold - TCLP VOCs. |

**Upcoming work activities anticipated:**

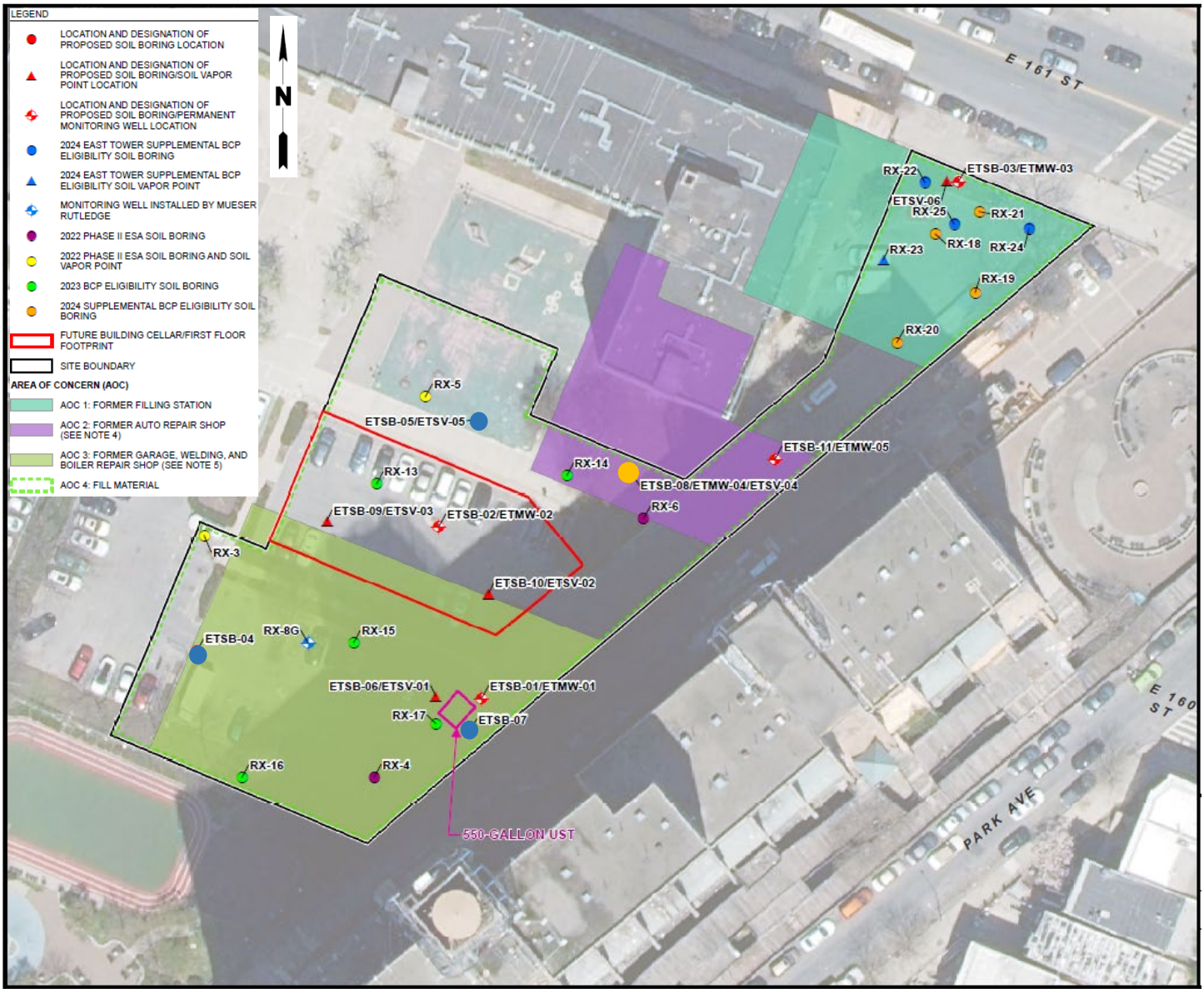
- Soil boring advancement will continue utilizing the Geoprobe drill rig.
- Roux will continue inspecting all recovered soil, recording lithology, and screening with a PID for VOCs. Soil samples will be collected at all waste characterization/RI locations.
- Roux will install soil vapor points and groundwater monitoring wells.
- Mega Surveying and Engineering will survey permanent groundwater monitoring well locations following installation.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

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## DAILY SITE FIELD ACTIVITY REPORT

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/13/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 31-46°F, cloudy, RH: 72% Pres: 30.10" Wind: West southwest @ 5 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:30 – 16:00 |




Legend

- RI location pre-cleared
- RI monitoring well location installed
- RI soil boring location complete

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry** |
| | | | **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/13/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 31-46°F, cloudy, RH: 72% Pres: 30.10" Wind: West southwest @ 5 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:30 – 16:00 |

**PHOTOGRAPHS TAKEN TODAY: Morrisania East**



**Photo 1**: Looking northeast, view of Trinity drilling ETSB-08.

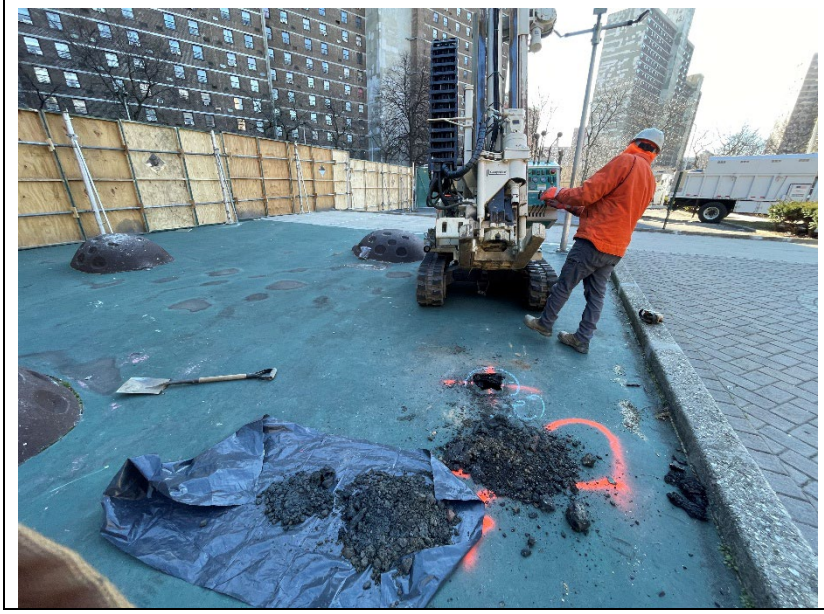


**Photo 2:** Looking south, view of WC-C2-1.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry** |
| | | | **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

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**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/13/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 31-46°F, cloudy, RH: 72% Pres: 30.10" Wind: West southwest @ 5 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:30 – 16:00 |



**Photo 3:** Looking north, view of the newly installed soil vapor point ETSV-05



**Photo 4:** Looking east, view of the downwind CAMP station.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry** |
| | | | **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

**Roux Environmental Engineering and Geology, D.P.C.**
**Community Air Monitoring Program - DUST**

Project: Morrisania East (C203183)
PM: Lauren Dolginko
Location: E 161st Street, Bronx, NY
Date: 1/13/2026

Upwind Serial Number 8530130802
Downwind Serial Number 8530163514

| Upwind | | Downwind | | Corrected Downwind[1] | Comments |
|---|---|---|---|---|---|
| Time | Concentration [mg/m3] | Time | Concentration [mg/m3] | Concentration [mg/m3] | |
| 7:44 AM | 0.019 | 7:45 AM | 0.016 | -0.003 | |
| 7:59 AM | 0.019 | 8:00 AM | 0.017 | -0.002 | |
| 8:14 AM | 0.020 | 8:15 AM | 0.017 | -0.003 | |
| 8:29 AM | 0.021 | 8:30 AM | 0.019 | -0.002 | |
| 8:44 AM | 0.023 | 8:45 AM | 0.019 | -0.004 | |
| 8:59 AM | 0.022 | 9:00 AM | 0.019 | -0.003 | |
| 9:14 AM | 0.022 | 9:15 AM | 0.022 | 0.000 | |
| 9:29 AM | 0.022 | 9:30 AM | 0.020 | -0.002 | |
| 9:44 AM | 0.028 | 9:45 AM | 0.020 | -0.008 | |
| 9:59 AM | 0.036 | 10:00 AM | 0.021 | -0.015 | |
| 10:14 AM | 0.025 | 10:15 AM | 0.022 | -0.003 | |
| 10:29 AM | 0.032 | 10:30 AM | 0.023 | -0.009 | |
| 10:44 AM | 0.029 | 10:45 AM | 0.023 | -0.006 | |
| 10:59 AM | 0.034 | 11:00 AM | 0.023 | -0.011 | |
| 11:14 AM | 0.030 | 11:15 AM | 0.022 | -0.008 | |
| 11:29 AM | 0.044 | 11:30 AM | 0.023 | -0.021 | |
| 11:44 AM | 0.030 | 11:45 AM | 0.026 | -0.004 | |
| 11:59 AM | 0.029 | 12:00 PM | 0.025 | -0.004 | |
| 12:14 PM | 0.026 | 12:15 PM | 0.024 | -0.002 | |
| 12:29 PM | 0.026 | 12:30 PM | 0.024 | -0.002 | |
| 12:44 PM | 0.026 | 12:45 PM | 0.025 | -0.001 | |
| 12:59 PM | 0.031 | 1:00 PM | 0.025 | -0.006 | |
| 1:14 PM | 0.028 | 1:15 PM | 0.026 | -0.002 | |
| 1:29 PM | 0.028 | 1:30 PM | 0.026 | -0.002 | |
| 1:44 PM | 0.028 | 1:45 PM | 0.025 | -0.003 | |

**Notes:**
1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.

**Roux Environmental Engineering and Geology, D.P.C.**
**Community Air Monitoring Program - VOC**

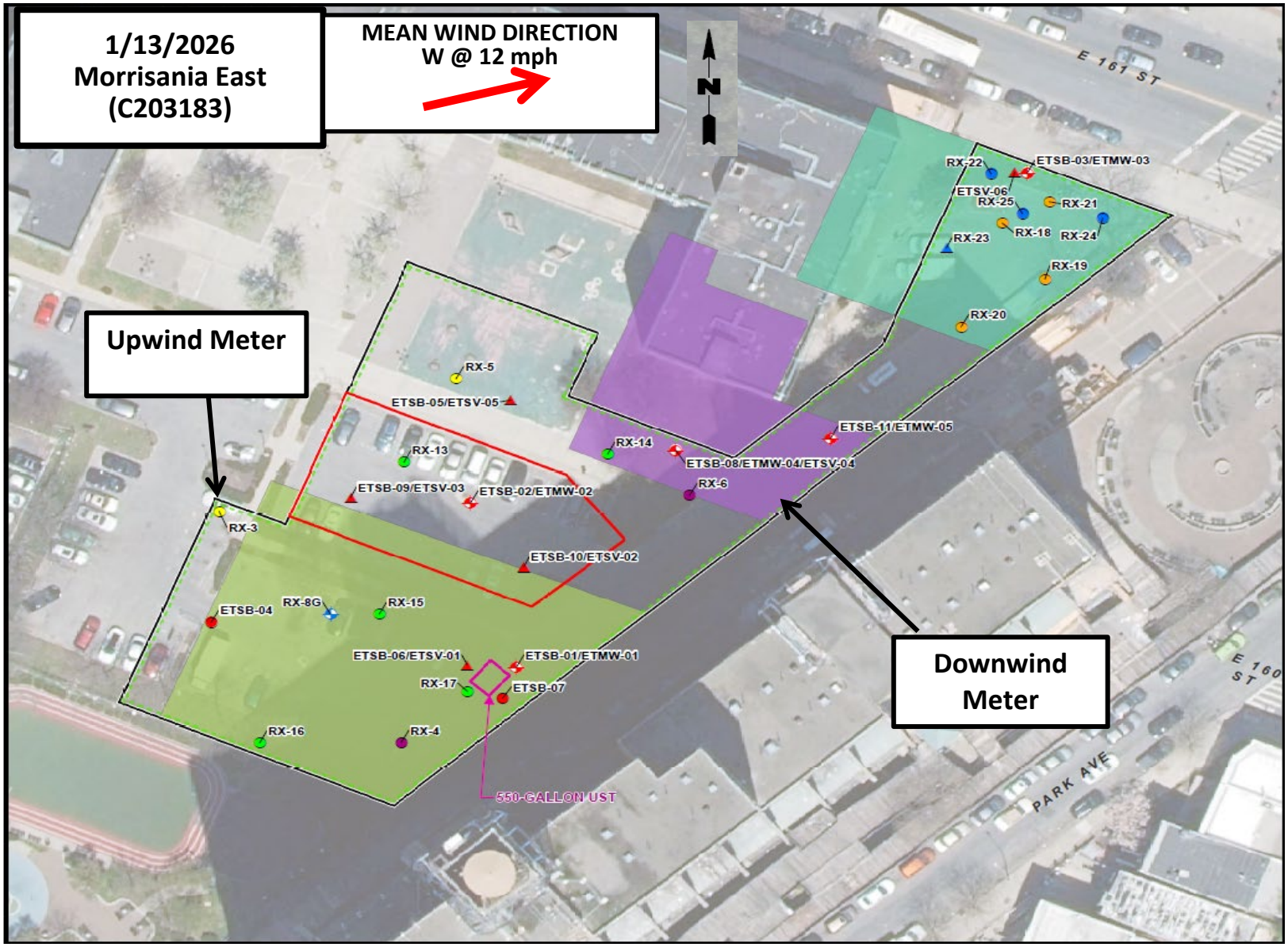
Project: Morrisania East (C203183)
PM: Lauren Dolginko
Location: E 161st Street, Bronx, NY
Date: 1/13/2026

Upwind Serial Number 592-604392
Downwind Serial Number 592-906598

| Upwind | | Downwind | | Corrected[1] Downwind | Comments |
|---|---|---|---|---|---|
| Time | VOC Average (ppm) | Time | VOC Average (ppm) | VOC Average (ppm) | |
| 7:44 AM | 0.0 | 7:44 AM | 0.0 | 0.0 | |
| 7:59 AM | 0.1 | 7:59 AM | 0.0 | -0.1 | |
| 8:14 AM | 0.1 | 8:14 AM | 0.0 | -0.1 | |
| 8:29 AM | 0.1 | 8:29 AM | 0.1 | 0.0 | |
| 8:44 AM | 0.2 | 8:44 AM | 0.0 | -0.2 | |
| 8:59 AM | 0.1 | 8:59 AM | 0.0 | -0.1 | |
| 9:14 AM | 0.1 | 9:14 AM | 0.0 | -0.1 | |
| 9:29 AM | 0.2 | 9:29 AM | 0.0 | -0.2 | |
| 9:44 AM | 0.1 | 9:44 AM | 0.0 | -0.1 | |
| 9:59 AM | 0.1 | 9:59 AM | 0.0 | -0.1 | |
| 10:14 AM | 0.1 | 10:14 AM | 0.0 | -0.1 | |
| 10:29 AM | 0.1 | 10:29 AM | 0.0 | -0.1 | |
| 10:44 AM | 0.1 | 10:44 AM | 0.0 | -0.1 | |
| 10:59 AM | 0.1 | 10:59 AM | 0.0 | -0.1 | |
| 11:14 AM | 0.1 | 11:14 AM | 0.0 | -0.1 | |
| 11:29 AM | 0.1 | 11:29 AM | 0.0 | -0.1 | |
| 11:44 AM | 0.1 | 11:44 AM | 0.1 | 0.0 | |
| 11:59 AM | 0.2 | 11:59 AM | 0.0 | -0.2 | |
| 12:14 PM | 0.2 | 12:14 PM | 0.0 | -0.2 | |
| 12:29 PM | 0.2 | 12:29 PM | 0.1 | -0.1 | |
| 12:44 PM | 0.2 | 12:44 PM | 0.1 | -0.1 | |
| 12:59 PM | 0.2 | 12:59 PM | 0.1 | -0.1 | |
| 1:14 PM | 0.2 | 1:14 PM | 0.1 | -0.1 | |
| 1:29 PM | 0.2 | 1:29 PM | 0.1 | -0.1 | |
| 1:44 PM | 0.2 | 1:44 PM | 0.1 | -0.1 | |

**Notes:**

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.


1/13/2026
Morrisania East
(C203183)
MEAN WIND DIRECTION
W @ 12 mph
N
Upwind Meter
Downwind Meter
E 161 ST
E 160 ST
PARK AVE
RX-22
ETSB-03/ETMW-03
ETSV-06
RX-25
RX-21
RX-18
RX-24
RX-23
RX-19
RX-20
RX-5
ETSB-05/ETSV-05
RX-13
ETSB-09/ETSV-03
ETSB-02/ETMW-02
RX-3
RX-14
ETSB-11/ETMW-05
ETSB-08/ETMW-04/ETSV-04
RX-6
ETSB-10/ETSV-02
ETSB-04
RX-8G
RX-15
ETSB-06/ETSV-01
ETSB-01/ETMW-01
RX-17
ETSB-07
RX-16
RX-4
550-GALLON UST

ROUX

# DAILY SITE FIELD ACTIVITY REPORT

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/14/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 39-50°F, cloudy, RH: 69% Pres: 29.68" Wind: South southwest @ 6 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:30 – 15:00 |

| **CONTRACTOR AND EQUIPMENT** | **PERSONNEL PRESENT AT SITE AND AFFILIATION:** |
|---|---|
| Drilling Contractor – Trinity Environmental<br>- 2x Personnel<br>- 1x Geoprobe 7720DT | Ben Weintraub – Roux D.P.C.<br>Emelia Pagano – Roux D.P.C. |

**SCOPE OF WORK:**

Roux D.P.C. (Roux) was onsite to complete implementation of the Remedial Investigation (RI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP), dated December 19, 2025.

**Description of work activities performed and general observations/comments:**

- Trinity Environmental (Trinity) completed utility pre-clearance to 5 feet below land surface (ft bls) at each soil boring location prior to advancement with the Geoprobe drill rig 7720DT.
- Trinity completed Remedial Investigation (RI) locations ETSB-01 and ETSB-08 and waste characterization locations DSS-1, DSS-2, DSS-3, and DSS-4.
- Roux inspected all recovered soil, recoded lithology, and screened with a photoionization detector (PID) for volatile organic compounds (VOCs).

**CAMP data evaluation:** CAMP was implemented from 07:30 – 14:00. There were no exceedances of particulate or volatile organic compound (VOC) action levels during this period.

**Offsite Disposal:** N/A

**Sampling Performed:**

| **Matrix** | **Sample ID** | **Analyses** |
|---|---|---|
| Soil | ETSB-01 (0-2 in) | 8081B – Target Compound List (TCL)/Part 375 pesticides, 8082A – polychlorinated biphenyls (PCBs), 8270D - TCL/Part 375 semivolatile organic compounds (SVOCs) + 1,4-Dioxane, 6020B/7470A – Target Analyte List (TAL)/Part 375 metals + mercury, 9010C – total cyanide, 7196A - Hexavalent Chromium and Trivalent Chromium. |
| Soil | ETSB-01 (2-6in) | 8260C - TCL/Part 375 VOCs |
| Soil | ESTB-01 (2-4)<br>ESTB-08 (5-7)<br>ESTB-08 (8-10) ON HOLD<br>ETSB-08 (10-12) ON HOLD | 8260C - TCL/Part 375 VOCs, 8081B –TCL/Part 375 pesticides, 8082A – PCBs, 8270D - TCL/Part 375 SVOCs + 1,4-Dioxane, 6020B/7470A TAL/Part 375 metals + mercury, 9010C – total cyanide, 7196A - Hexavalent Chromium and Trivalent Chromium. |

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/14/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 39-50°F, cloudy, RH: 69% Pres: 29.68" Wind: South southwest @ 6 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:30 – 15:00 |

| | | |
|---|---|---|
| Soil | ETSB-01 (2-4)_P | 1633A per and polyfluoroalkyl substances PFAS – Standard List 40 |
| Soil | WC-DSS (2-9) | TCL/Soil Remediation Standards (SRS)/NYSDEC Part 375 SVOCs, pesticides, herbicides, PCBs, TCL/SRS/NYSDEC Part 375 metals, Resource Conservation and Recovery Act (RCRA) characteristics, Toxicity Characteristic Leaching Procedure (TCLP) metals, paint filter, New Jersey extractable petroleum hydrocarbons (NJEPH), and on hold - TCLP SVOCs, TCLP pesticides, and TCLP herbicides. |
| Soil | WC-DSS-3 (5-7) | TCL/SRS/NYSDEC Part 375 VOCs, on hold - TCLP VOCs. |

**Upcoming work activities anticipated:**

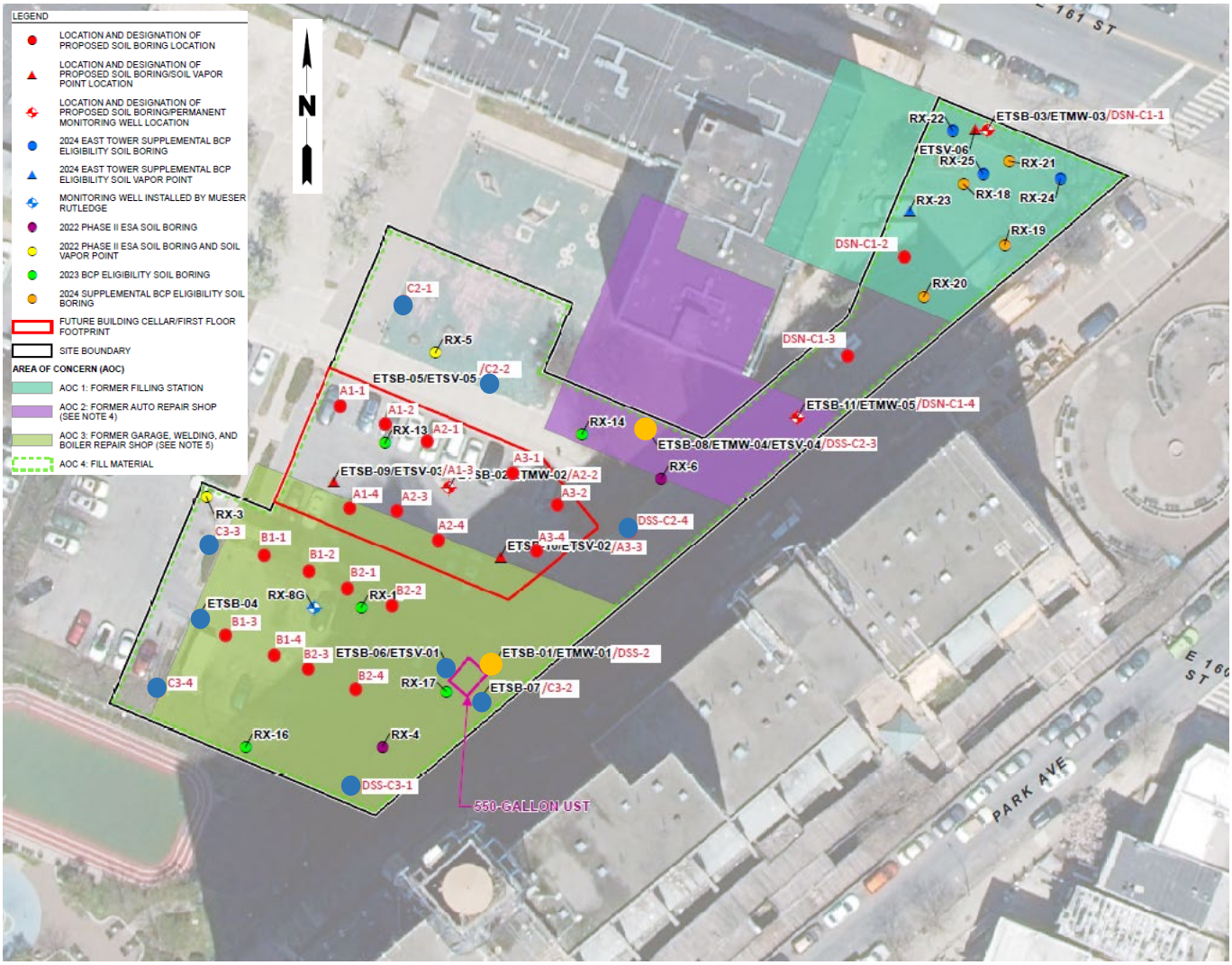
- Soil boring advancement will continue utilizing the Geoprobe drill rig.
- Roux will continue inspecting all recovered soil, recording lithology, and screening with a PID for VOCs. Soil samples will be collected at all waste characterization/RI locations.
- Roux will install soil vapor points and groundwater monitoring wells.
- Mega Surveying and Engineering will survey permanent groundwater monitoring well locations following installation.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

# DAILY SITE FIELD ACTIVITY REPORT

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/14/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 39-50°F, cloudy, RH: 69% Pres: 29.68" Wind: South southwest @ 6 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:30 – 15:00 |




Legend

- RI location pre-cleared
- RI monitoring well location installed
- RI soil boring location complete

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry** |
| | | | **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/14/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 39-50°F, cloudy, RH: 69% Pres: 29.68" Wind: South southwest @ 6 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:30 – 15:00 |

**PHOTOGRAPHS TAKEN TODAY: Morrisania East**



**Photo 1**: Looking northeast, view of Trinity drilling ETSB-08.



**Photo 2:** Looking east, view of Trinity drilling DSS-1.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

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**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/14/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 39-50°F, cloudy, RH: 69% Pres: 29.68" Wind: South southwest @ 6 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:30 – 15:00 |



**Photo 3:** Looking north, view of the downwind CAMP station.



**Photo 4:** Looking northeast, view of the upwind CAMP station.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

**Roux Environmental Engineering and Geology, D.P.C.**
**Community Air Monitoring Program - DUST**

Project: Morrisania East (C203183)
PM: Lauren Dolginko
Location: E 161st Street, Bronx, NY
Date: 1/14/2026

Upwind Serial Number 8530130802
Downwind Serial Number 8530163514

| Upwind | | Downwind | | Corrected Downwind[1] | Comments |
|---|---|---|---|---|---|
| Time | Concentration [mg/m3] | Time | Concentration [mg/m3] | Concentration [mg/m3] | |
| 7:34 AM | 0.031 | 7:31 AM | 0.027 | -0.004 | |
| 7:49 AM | 0.033 | 7:46 AM | 0.028 | -0.005 | |
| 8:04 AM | 0.035 | 8:01 AM | 0.029 | -0.006 | |
| 8:19 AM | 0.035 | 8:16 AM | 0.028 | -0.007 | |
| 8:34 AM | 0.034 | 8:31 AM | 0.031 | -0.003 | |
| 8:49 AM | 0.028 | 8:46 AM | 0.027 | -0.001 | |
| 9:04 AM | 0.026 | 9:01 AM | 0.034 | 0.008 | |
| 9:19 AM | 0.033 | 9:16 AM | 0.030 | -0.003 | |
| 9:34 AM | 0.035 | 9:31 AM | 0.034 | -0.001 | |
| 9:49 AM | 0.038 | 9:46 AM | 0.028 | -0.010 | |
| 10:04 AM | 0.028 | 10:01 AM | 0.024 | -0.004 | |
| 10:19 AM | 0.028 | 10:16 AM | 0.026 | -0.002 | |
| 10:34 AM | 0.028 | 10:31 AM | 0.025 | -0.003 | |
| 10:49 AM | 0.028 | 10:46 AM | 0.024 | -0.004 | |
| 11:04 AM | 0.028 | 11:01 AM | 0.024 | -0.004 | |
| 11:19 AM | 0.031 | 11:16 AM | 0.026 | -0.005 | |
| 11:34 AM | 0.033 | 11:31 AM | 0.031 | -0.002 | |
| 11:49 AM | 0.030 | 11:46 AM | 0.025 | -0.005 | |
| 12:04 PM | 0.029 | 12:01 PM | 0.028 | -0.001 | |
| 12:19 PM | 0.031 | 12:16 PM | 0.039 | 0.008 | |
| 12:34 PM | 0.033 | 12:31 PM | 0.038 | 0.005 | |
| 12:49 PM | 0.037 | 12:46 PM | 0.032 | -0.005 | |
| 1:04 PM | 0.045 | 1:01 PM | 0.037 | -0.008 | |
| 1:19 PM | 0.050 | 1:16 PM | 0.041 | -0.009 | |
| 1:34 PM | 0.047 | 1:31 PM | 0.038 | -0.009 | |
| 1:49 PM | 0.044 | 1:46 PM | 0.036 | -0.008 | |

**Notes:**

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.

**Roux Environmental Engineering and Geology, D.P.C.**
**Community Air Monitoring Program - VOC**

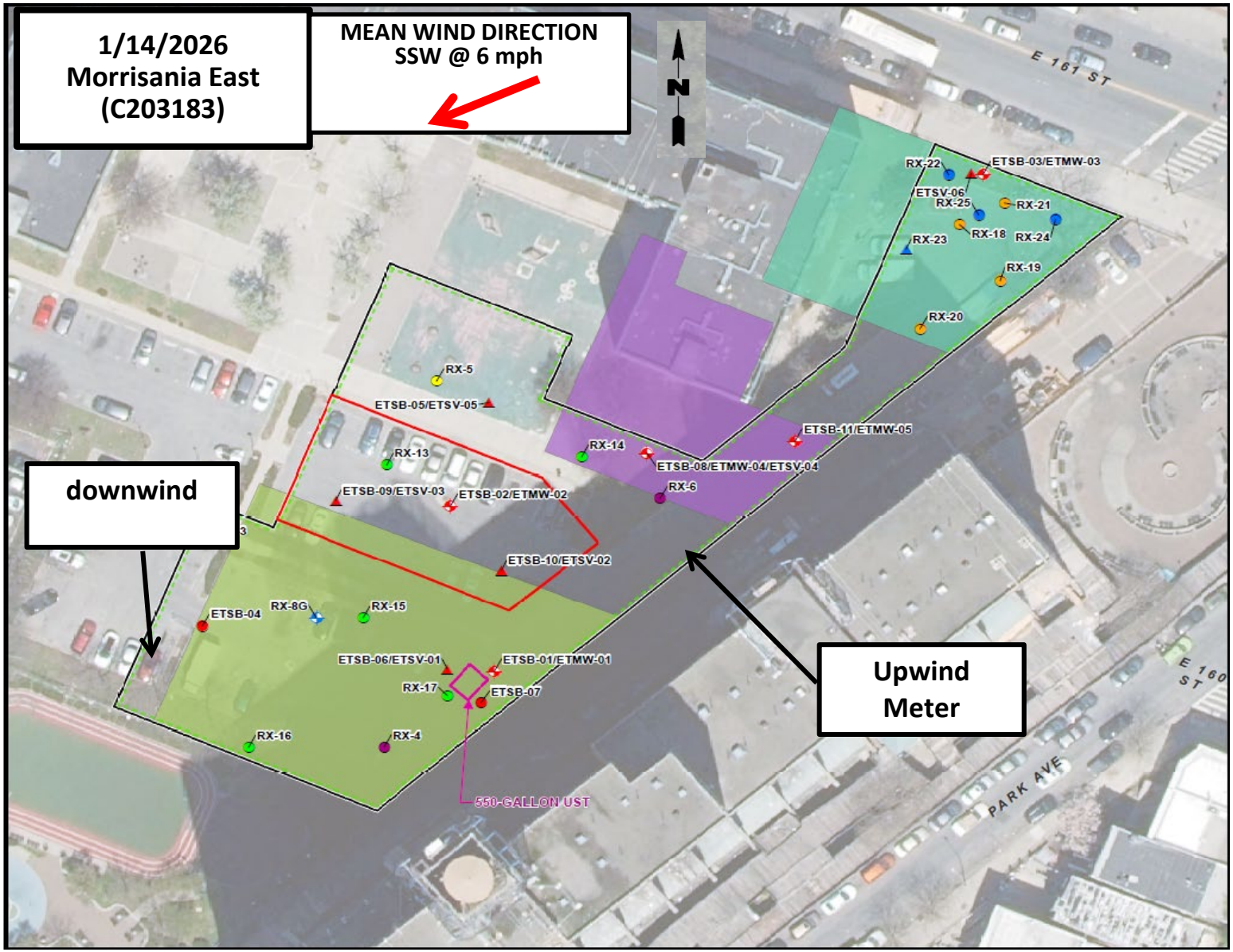
Project: Morrisania East (C203183)
PM: Lauren Dolginko
Location: E 161st Street, Bronx, NY
Date: 1/14/2026

Upwind Serial Number 592-604392
Downwind Serial Number 592-906598

| Upwind | | Downwind | | Corrected[1] Downwind | Comments |
|---|---|---|---|---|---|
| Time | VOC Average (ppm) | Time | VOC Average (ppm) | VOC Average (ppm) | |
| 7:36 AM | 0.1 | 7:35 AM | 0.0 | -0.1 | |
| 7:51 AM | 0.1 | 7:50 AM | 0.0 | -0.1 | |
| 8:06 AM | 0.2 | 8:05 AM | 0.0 | -0.2 | |
| 8:21 AM | 0.2 | 8:20 AM | 0.0 | -0.2 | |
| 8:36 AM | 0.2 | 8:35 AM | 0.1 | -0.1 | |
| 8:51 AM | 0.2 | 8:50 AM | 0.0 | -0.2 | |
| 9:06 AM | 0.2 | 9:05 AM | 0.0 | -0.2 | |
| 9:21 AM | 0.2 | 9:20 AM | 0.1 | -0.1 | |
| 9:36 AM | 0.3 | 9:35 AM | 0.1 | -0.2 | |
| 9:51 AM | 0.3 | 9:50 AM | 0.1 | -0.2 | |
| 10:06 AM | 0.3 | 10:05 AM | 0.1 | -0.2 | |
| 10:21 AM | 0.3 | 10:20 AM | 0.1 | -0.2 | |
| 10:36 AM | 0.3 | 10:35 AM | 0.1 | -0.2 | |
| 10:51 AM | 0.3 | 10:50 AM | 0.1 | -0.2 | |
| 11:06 AM | 0.3 | 11:05 AM | 0.1 | -0.2 | |
| 11:21 AM | 0.3 | 11:20 AM | 0.1 | -0.2 | |
| 11:36 AM | 0.3 | 11:35 AM | 0.1 | -0.2 | |
| 11:51 AM | 0.3 | 11:50 AM | 0.1 | -0.2 | |
| 12:06 PM | 0.3 | 12:05 PM | 0.1 | -0.2 | |
| 12:21 PM | 0.3 | 12:20 PM | 0.1 | -0.2 | |
| 12:36 PM | 0.3 | 12:35 PM | 0.1 | -0.2 | |
| 12:51 PM | 0.4 | 12:50 PM | 0.1 | -0.3 | |
| 1:06 PM | 0.4 | 1:05 PM | 0.1 | -0.3 | |
| 1:21 PM | 0.4 | 1:20 PM | 0.1 | -0.3 | |
| 1:36 PM | 0.4 | 1:35 PM | 0.1 | -0.3 | |
| 1:51 PM | 0.4 | 1:50 PM | 0.1 | -0.3 | |

**Notes:**

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.


1/14/2026
Morrisania East
(C203183)
MEAN WIND DIRECTION
SSW @ 6 mph
N
downwind
Upwind
Meter
E 161 ST
E 160 ST
PARK AVE
RX-22
ETSB-03/ETMW-03
ETSV-06
RX-25
RX-21
RX-18
RX-24
RX-23
RX-19
RX-20
RX-5
ETSB-05/ETSV-05
ETSB-11/ETMW-05
RX-14
ETSB-08/ETMW-04/ETSV-04
RX-13
RX-6
ETSB-09/ETSV-03
ETSB-02/ETMW-02
ETSB-10/ETSV-02
ETSB-04
RX-8G
RX-15
ETSB-06/ETSV-01
ETSB-01/ETMW-01
RX-17
ETSB-07
RX-16
RX-4
550-GALLON UST

ROUX

# DAILY SITE FIELD ACTIVITY REPORT

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/15/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 35-40°F, sunny, RH: 89% Pres: 29.37" Wind: West southwest @ 6 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 16:30 |

| **CONTRACTOR AND EQUIPMENT** | **PERSONNEL PRESENT AT SITE AND AFFILIATION:** |
|---|---|
| Drilling Contractor – Trinity Environmental<br>- 2x Personnel<br>- 1x Geoprobe 7720DT | Emelia Pagano – Roux D.P.C. |

**SCOPE OF WORK:**

Roux D.P.C. (Roux) was onsite to complete implementation of the Remedial Investigation (RI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP), dated December 19, 2025.

**Description of work activities performed and general observations/comments:**

- Trinity Environmental (Trinity) completed utility pre-clearance to 5 feet below land surface (ft bls) at each soil boring location prior to advancement with the Geoprobe drill rig 7720DT.
- Trinity completed Remedial Investigation (RI) locations ETSB-03 and ETSB-11 and waste characterization locations DSN-C1-1, DSN-C1-2, DSN-C1-3, and DSN-C1-4.
- Roux inspected all recovered soil, recoded lithology, and screened with a photoionization detector (PID) for volatile organic compounds (VOCs).

**CAMP data evaluation:** CAMP was implemented from 07:45 – 15:15. There were no exceedances of particulate or volatile organic compound (VOC) action levels during this period.

**Offsite Disposal:** N/A

**Sampling Performed:**

| **Matrix** | **Sample ID** | **Analyses** |
|---|---|---|
| Soil | ETSB-03 (0-2 in)<br>ETSB-11 (0-2in) | 8081B – Target Compound List (TCL)/Part 375 pesticides, 8082A – polychlorinated biphenyls (PCBs), 8270D - TCL/Part 375 semivolatile organic compounds (SVOCs) + 1,4-Dioxane, 6020B/7470A – Target Analyte List (TAL)/Part 375 metals + mercury, 9010C – total cyanide, 7196A - Hexavalent Chromium and Trivalent Chromium. |
| Soil | ETSB-03 (2-6in)<br>ETSB-11 (2-6in) | 8260C - TCL/Part 375 VOCs |
| Soil | ESTB-03 (2-4)<br>ESTB-03 (6-8)<br>ESTB-03 (10-12)<br>ESTB-03 (14-16)<br>ETSB-11 (2-4) | 8260C - TCL/Part 375 VOCs, 8081B –TCL/Part 375 pesticides, 8082A – PCBs, 8270D - TCL/Part 375 SVOCs + 1,4-Dioxane, 6020B/7470A TAL/Part 375 metals + mercury, 9010C – total cyanide, 7196A - Hexavalent Chromium and Trivalent Chromium. |

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/15/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 35-40°F, sunny, RH: 89% Pres: 29.37" Wind: West southwest @ 6 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 16:30 |

| | | |
|---|---|---|
| | ESTB-11 (6-8) ON HOLD<br>ESTB-11 (10-12) ON HOLD<br>ESTB-11 (14-16) | |
| Soil | ETSB-03 (2-4)_P<br>ETSB-11 (2-4)_P | 1633A per and polyfluoroalkyl substances PFAS – Standard List 40 |
| Soil | WC-C1 (0-2)<br>WC-DSN (2-9) | TCL/Soil Remediation Standards (SRS)/NYSDEC Part 375 SVOCs, pesticides, herbicides, PCBs, TCL/SRS/NYSDEC Part 375 metals, Resource Conservation and Recovery Act (RCRA) characteristics, Toxicity Characteristic Leaching Procedure (TCLP) metals, paint filter, New Jersey extractable petroleum hydrocarbons (NJEPH), and on hold - TCLP SVOCs, TCLP pesticides, and TCLP herbicides. |
| Soil | WC-C1-2 (0-2)<br>WC-DSS-3 (5-7) | TCL/SRS/NYSDEC Part 375 VOCs, on hold - TCLP VOCs. |

**Upcoming work activities anticipated:**

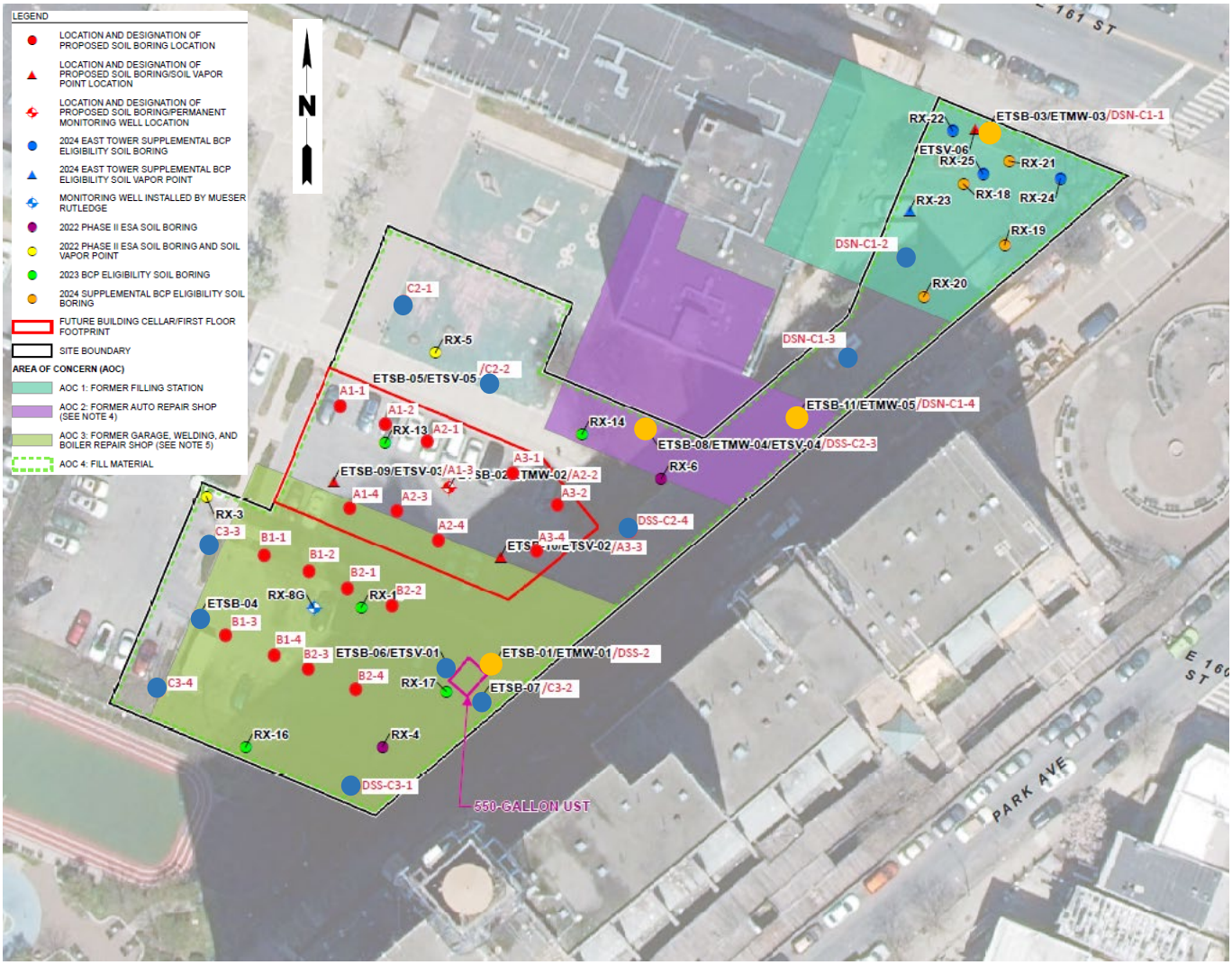
- Soil boring advancement will continue utilizing the Geoprobe drill rig.
- Roux will continue inspecting all recovered soil, recording lithology, and screening with a PID for VOCs. Soil samples will be collected at all waste characterization/RI locations.
- Roux will install soil vapor points and groundwater monitoring wells.
- Mega Surveying and Engineering will survey permanent groundwater monitoring well locations following installation.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

# DAILY SITE FIELD ACTIVITY REPORT

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/15/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 35-40°F, sunny, RH: 89% Pres: 29.37" Wind: West southwest @ 6 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 16:30 |




Legend

- RI location pre-cleared
- RI monitoring well location installed
- RI soil boring location complete

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry** |
| | | | **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/15/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 35-40°F, sunny, RH: 89% Pres: 29.37" Wind: West southwest @ 6 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 16:30 |

**PHOTOGRAPHS TAKEN TODAY: Morrisania East**



**Photo 1**: Looking southeast, view of Trinity drilling ETSB-03/DSN-C1-1.



**Photo 2:** Looking west, view of Trinity drilling DSN-C1-3.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry** |
| | | | **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/15/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 35-40°F, sunny, RH: 89% Pres: 29.37" Wind: West southwest @ 6 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 16:30 |




**Photo 3:** Looking south, view of ETSB-1 prior to drilling activity.



**Photo 4:** Looking south, view of the downwind CAMP station.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry** |
| | | | **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

**Roux Environmental Engineering and Geology, D.P.C.**
**Community Air Monitoring Program - DUST**

Project: Morrisania East (C203183)
PM: Lauren Dolginko
Location: E 161st Street, Bronx, NY
Date: 1/15/2026

Upwind Serial Number 8530130802
Downwind Serial Number 8530163514

| Upwind | | Downwind | | Corrected Downwind[1] | Comments |
|---|---|---|---|---|---|
| Time | Concentration [mg/m3] | Time | Concentration [mg/m3] | Concentration [mg/m3] | |
| 7:58 AM | 0.047 | 7:58 AM | 0.075 | 0.028 | |
| 8:13 AM | 0.052 | 8:13 AM | 0.047 | -0.005 | |
| 8:28 AM | 0.048 | 8:28 AM | 0.042 | -0.006 | |
| 8:43 AM | 0.036 | 8:43 AM | 0.032 | -0.004 | |
| 8:58 AM | 0.015 | 8:58 AM | 0.014 | -0.001 | |
| 9:13 AM | 0.008 | 9:13 AM | 0.009 | 0.001 | |
| 9:28 AM | 0.005 | 9:28 AM | 0.007 | 0.002 | |
| 9:43 AM | 0.006 | 9:43 AM | 0.007 | 0.001 | |
| 9:58 AM | 0.007 | 9:58 AM | 0.007 | 0.000 | |
| 10:13 AM | 0.007 | 10:13 AM | 0.008 | 0.001 | |
| 10:28 AM | 0.008 | 10:28 AM | 0.008 | 0.000 | |
| 10:43 AM | 0.007 | 10:43 AM | 0.009 | 0.002 | |
| 10:58 AM | 0.008 | 10:58 AM | 0.008 | 0.000 | |
| 11:13 AM | 0.007 | 11:13 AM | 0.008 | 0.001 | |
| 11:28 AM | 0.007 | 11:28 AM | 0.009 | 0.002 | |
| 11:43 AM | 0.008 | 11:43 AM | 0.008 | 0.000 | |
| 11:58 AM | 0.007 | 11:58 AM | 0.008 | 0.001 | |
| 12:13 PM | 0.006 | 12:13 PM | 0.008 | 0.002 | |
| 12:28 PM | 0.006 | 12:28 PM | 0.008 | 0.002 | |
| 12:43 PM | 0.006 | 12:43 PM | 0.007 | 0.001 | |
| 12:58 PM | 0.005 | 12:58 PM | 0.007 | 0.002 | |
| 1:13 PM | 0.005 | 1:13 PM | 0.007 | 0.002 | |
| 1:28 PM | 0.005 | 1:28 PM | 0.007 | 0.002 | |
| 1:43 PM | 0.005 | 1:43 PM | 0.007 | 0.002 | |
| 1:58 PM | 0.005 | 1:58 PM | 0.010 | 0.005 | |
| 2:13 PM | 0.005 | 2:13 PM | 0.009 | 0.004 | |

**Notes:**

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.

**Roux Environmental Engineering and Geology, D.P.C.**
**Community Air Monitoring Program - VOC**

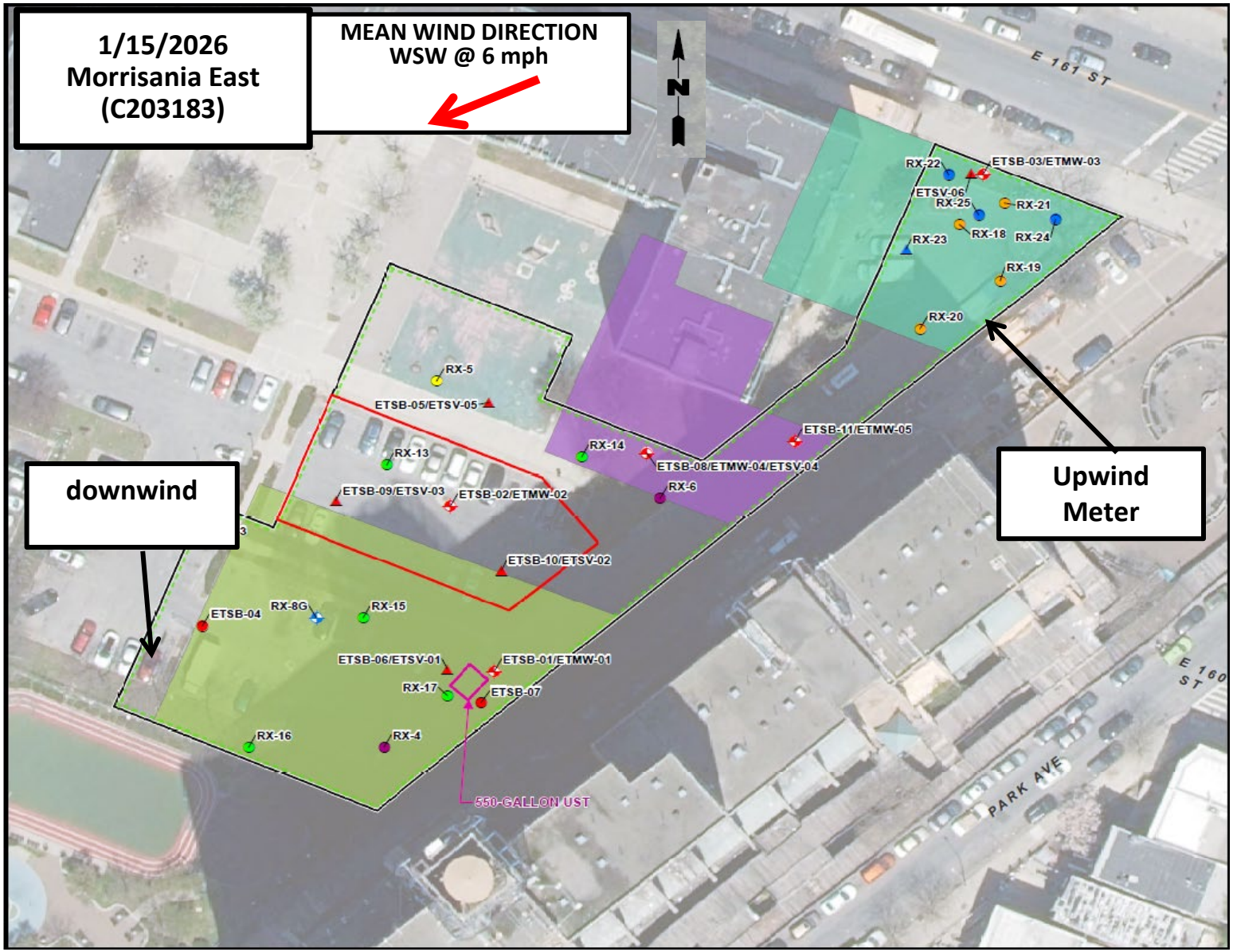
Project: Morrisania East (C203183)
PM: Lauren Dolginko
Location: E 161st Street, Bronx, NY
Date: 1/15/2026

Upwind Serial Number 592-604392
Downwind Serial Number 592-906598

| Upwind | | Downwind | | Corrected[1] Downwind | Comments |
|---|---|---|---|---|---|
| Time | VOC Average (ppm) | Time | VOC Average (ppm) | VOC Average (ppm) | |
| 8:00 AM | 0.0 | 8:02 AM | 0.0 | 0.0 | |
| 8:15 AM | 0.0 | 8:17 AM | 0.0 | 0.0 | |
| 8:30 AM | 0.1 | 8:32 AM | 0.0 | -0.1 | |
| 8:45 AM | 0.1 | 8:47 AM | 0.0 | -0.1 | |
| 9:00 AM | 0.1 | 9:02 AM | 0.0 | -0.1 | |
| 9:15 AM | 0.1 | 9:17 AM | 0.0 | -0.1 | |
| 9:30 AM | 0.1 | 9:32 AM | 0.0 | -0.1 | |
| 9:45 AM | 0.1 | 9:47 AM | 0.0 | -0.1 | |
| 10:00 AM | 0.2 | 10:02 AM | 0.0 | -0.2 | |
| 10:15 AM | 0.2 | 10:17 AM | 0.0 | -0.2 | |
| 10:30 AM | 0.2 | 10:32 AM | 0.0 | -0.2 | |
| 10:45 AM | 0.2 | 10:47 AM | 0.0 | -0.2 | |
| 11:00 AM | 0.2 | 11:02 AM | 0.0 | -0.2 | |
| 11:15 AM | 0.2 | 11:17 AM | 0.0 | -0.2 | |
| 11:30 AM | 0.2 | 11:32 AM | 0.0 | -0.2 | |
| 11:45 AM | 0.2 | 11:47 AM | 0.0 | -0.2 | |
| 12:00 PM | 0.2 | 12:02 PM | 0.0 | -0.2 | |
| 12:15 PM | 0.2 | 12:17 PM | 0.0 | -0.2 | |
| 12:30 PM | 0.2 | 12:32 PM | 0.1 | -0.1 | |
| 12:45 PM | 0.2 | 12:47 PM | 0.1 | -0.1 | |
| 1:00 PM | 0.3 | 1:02 PM | 0.1 | -0.2 | |
| 1:15 PM | 0.3 | 1:17 PM | 0.1 | -0.2 | |
| 1:30 PM | 0.2 | 1:32 PM | 0.1 | -0.1 | |
| 1:45 PM | 0.2 | 1:47 PM | 0.1 | -0.1 | |
| 2:00 PM | 0.2 | 2:02 PM | 0.1 | -0.1 | |
| 2:15 PM | 0.3 | 2:17 PM | 0.1 | -0.2 | |

**Notes:**

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.


1/15/2026
Morrisania East
(C203183)
MEAN WIND DIRECTION
WSW @ 6 mph
N
E 161 ST
RX-22
ETSB-03/ETMW-03
ETSV-06
RX-25
RX-21
RX-18
RX-24
RX-23
RX-19
RX-20
RX-5
ETSB-05/ETSV-05
ETSB-11/ETMW-05
RX-14
RX-13
ETSB-08/ETMW-04/ETSV-04
RX-6
ETSB-09/ETSV-03
ETSB-02/ETMW-02
ETSB-10/ETSV-02
downwind
Upwind
Meter
ETSB-04
RX-8G
RX-15
ETSB-06/ETSV-01
ETSB-01/ETMW-01
RX-17
ETSB-07
RX-16
RX-4
550-GALLON UST
E 160 ST
PARK AVE

ROUX

# DAILY SITE FIELD ACTIVITY REPORT

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/16/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 22-34°F, sunny, RH: 50% Pres: 29.37" Wind: West @ 13 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:30 |

| **CONTRACTOR AND EQUIPMENT** | **PERSONNEL PRESENT AT SITE AND AFFILIATION:** |
|---|---|
| Drilling Contractor – Trinity Environmental<br>- 2x Personnel<br>- 1x Geoprobe 7720DT | Emelia Pagano – Roux D.P.C.<br>Dean Gennosa – Roux D.P.C. |

**SCOPE OF WORK:**

Roux D.P.C. (Roux) was onsite to complete implementation of the Remedial Investigation (RI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP), dated December 19, 2025.

**Description of work activities performed and general observations/comments:**

- Trinity Environmental (Trinity) completed utility pre-clearance to 5 feet below land surface (ft bls) at each soil boring location prior to advancement with the Geoprobe drill rig 7720DT.
- Trinity completed Remedial Investigation (RI) locations ETSB-02 and waste characterization locations A2-1, A2-2, A2-3, and A2-4.
- Roux inspected all recovered soil, recoded lithology, and screened with a photoionization detector (PID) for volatile organic compounds (VOCs).

**CAMP data evaluation:** CAMP was implemented from 07:30 – 14:15. There were no exceedances of particulate or volatile organic compound (VOC) action levels during this period.

**Offsite Disposal:** N/A

**Sampling Performed:**

| **Matrix** | **Sample ID** | **Analyses** |
|---|---|---|
| Soil | ETSB-02 (0-2 in) | 8081B – Target Compound List (TCL)/Part 375 pesticides, 8082A – polychlorinated biphenyls (PCBs), 8270D - TCL/Part 375 semivolatile organic compounds (SVOCs) + 1,4-Dioxane, 6020B/7470A – Target Analyte List (TAL)/Part 375 metals + mercury, 9010C – total cyanide, 7196A - Hexavalent Chromium and Trivalent Chromium. |
| Soil | ETSB-02 (2-6in) | 8260C - TCL/Part 375 VOCs |
| Soil | ESTB-02 (2-4)<br>ESTB-02 (6-8) ON HOLD<br>ESTB-02 (10-12) ON HOLD<br>ESTB-02 (12-14) | 8260C - TCL/Part 375 VOCs, 8081B –TCL/Part 375 pesticides, 8082A – PCBs, 8270D - TCL/Part 375 SVOCs + 1,4-Dioxane, 6020B/7470A TAL/Part 375 metals + mercury, 9010C – total cyanide, 7196A - Hexavalent Chromium and Trivalent Chromium. |

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/16/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 22-34°F, sunny, RH: 50% Pres: 29.37" Wind: West @ 13 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:30 |

| | | |
|---|---|---|
| Soil | ETSB-02 (2-4)_P | 1633A per and polyfluoroalkyl substances PFAS – Standard List 40 |
| Soil | WC-A2 (0-10)<br>WC-A2 (10-14) | TCL/Soil Remediation Standards (SRS)/NYSDEC Part 375 SVOCs, pesticides, herbicides, PCBs, TCL/SRS/NYSDEC Part 375 metals, Resource Conservation and Recovery Act (RCRA) characteristics, Toxicity Characteristic Leaching Procedure (TCLP) metals, paint filter, New Jersey extractable petroleum hydrocarbons (NJEPH), and on hold - TCLP SVOCs, TCLP pesticides, and TCLP herbicides. |
| Soil | WC-A2-4 (2-4)<br>WC-A2-2 (10-14) | TCL/SRS/NYSDEC Part 375 VOCs, on hold - TCLP VOCs. |

**Upcoming work activities anticipated:**

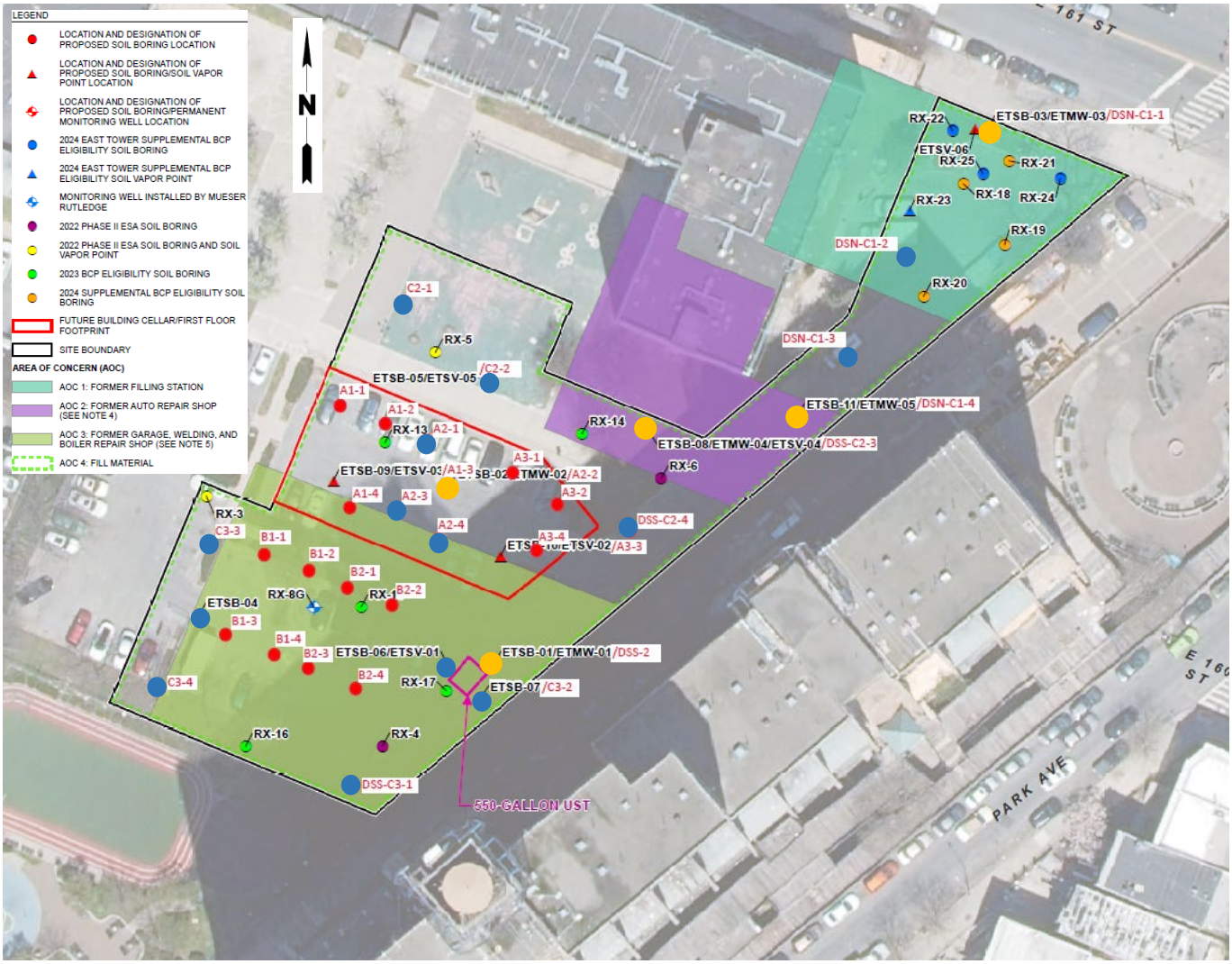
- Soil boring advancement will continue utilizing the Geoprobe drill rig.
- Roux will continue inspecting all recovered soil, recording lithology, and screening with a PID for VOCs. Soil samples will be collected at all waste characterization/RI locations.
- Roux will install soil vapor points and groundwater monitoring wells.
- Mega Surveying and Engineering will survey permanent groundwater monitoring well locations following installation.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

# DAILY SITE FIELD ACTIVITY REPORT

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/16/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 22-34°F, sunny, RH: 50% Pres: 29.37" Wind: West @ 13 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:30 |




## Legend

- RI location pre-cleared
- RI monitoring well location installed
- RI soil boring location complete

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/16/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 22-34°F, sunny, RH: 50% Pres: 29.37" Wind: West @ 13 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:30 |

**PHOTOGRAPHS TAKEN TODAY: Morrisania East**




**Photo 1**: Looking west, view of Trinity drilling A2-1.




**Photo 2:** Looking northeast, view of Trinity drilling ETSB-02/A2-2

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry** |
| | | | **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/16/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 22-34°F, sunny, RH: 50% Pres: 29.37" Wind: West @ 13 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:30 |



**Photo 3:** Looking northeast, view of the upwind CAMP station.



**Photo 4:** Looking west, view of the downwind CAMP station.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

**Roux Environmental Engineering and Geology, D.P.C.**
**Community Air Monitoring Program - DUST**

Project: Morrisania East (C203183)
PM: Lauren Dolginko
Location: E 161st Street, Bronx, NY
Date: 1/16/2026

Upwind Serial Number 8530130802
Downwind Serial Number 8530163514

| Upwind | | Downwind | | Corrected Downwind[1] | Comments |
|---|---|---|---|---|---|
| Time | Concentration [mg/m3] | Time | Concentration [mg/m3] | Concentration [mg/m3] | |
| 7:38 AM | 0.010 | 7:32 AM | 0.026 | 0.016 | |
| 7:53 AM | 0.005 | 7:47 AM | 0.007 | 0.002 | |
| 8:08 AM | 0.005 | 8:02 AM | 0.007 | 0.002 | |
| 8:23 AM | 0.005 | 8:17 AM | 0.007 | 0.002 | |
| 8:38 AM | 0.005 | 8:32 AM | 0.007 | 0.002 | |
| 8:53 AM | 0.005 | 8:47 AM | 0.007 | 0.002 | |
| 9:08 AM | 0.004 | 9:02 AM | 0.007 | 0.003 | |
| 9:23 AM | 0.004 | 9:17 AM | 0.007 | 0.003 | |
| 9:38 AM | 0.004 | 9:32 AM | 0.007 | 0.003 | |
| 9:53 AM | 0.004 | 9:47 AM | 0.007 | 0.003 | |
| 10:08 AM | 0.004 | 10:02 AM | 0.007 | 0.003 | |
| 10:23 AM | 0.005 | 10:17 AM | 0.036 | 0.031 | |
| 10:38 AM | 0.005 | 10:32 AM | 0.007 | 0.002 | |
| 10:53 AM | 0.004 | 10:47 AM | 0.007 | 0.003 | |
| 11:08 AM | 0.004 | 11:02 AM | 0.007 | 0.003 | |
| 11:23 AM | 0.004 | 11:17 AM | 0.007 | 0.003 | |
| 11:38 AM | 0.004 | 11:32 AM | 0.007 | 0.003 | |
| 11:53 AM | 0.005 | 11:47 AM | 0.006 | 0.001 | |
| 12:08 PM | 0.004 | 12:02 PM | 0.007 | 0.003 | |
| 12:23 PM | 0.005 | 12:17 PM | 0.007 | 0.002 | |
| 12:38 PM | 0.005 | 12:32 PM | 0.008 | 0.003 | |
| 12:53 PM | 0.006 | 12:47 PM | 0.007 | 0.001 | |
| 1:08 PM | 0.007 | 1:02 PM | 0.008 | 0.001 | |
| 1:23 PM | 0.007 | 1:17 PM | 0.008 | 0.001 | |
| 1:38 PM | 0.007 | 1:32 PM | 0.008 | 0.001 | |
| 1:53 PM | 0.008 | 1:47 PM | 0.009 | 0.001 | |
| 2:08 PM | 0.008 | 2:02 PM | 0.009 | 0.001 | |

**Notes:**

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.

**Roux Environmental Engineering and Geology, D.P.C.**
**Community Air Monitoring Program - VOC**

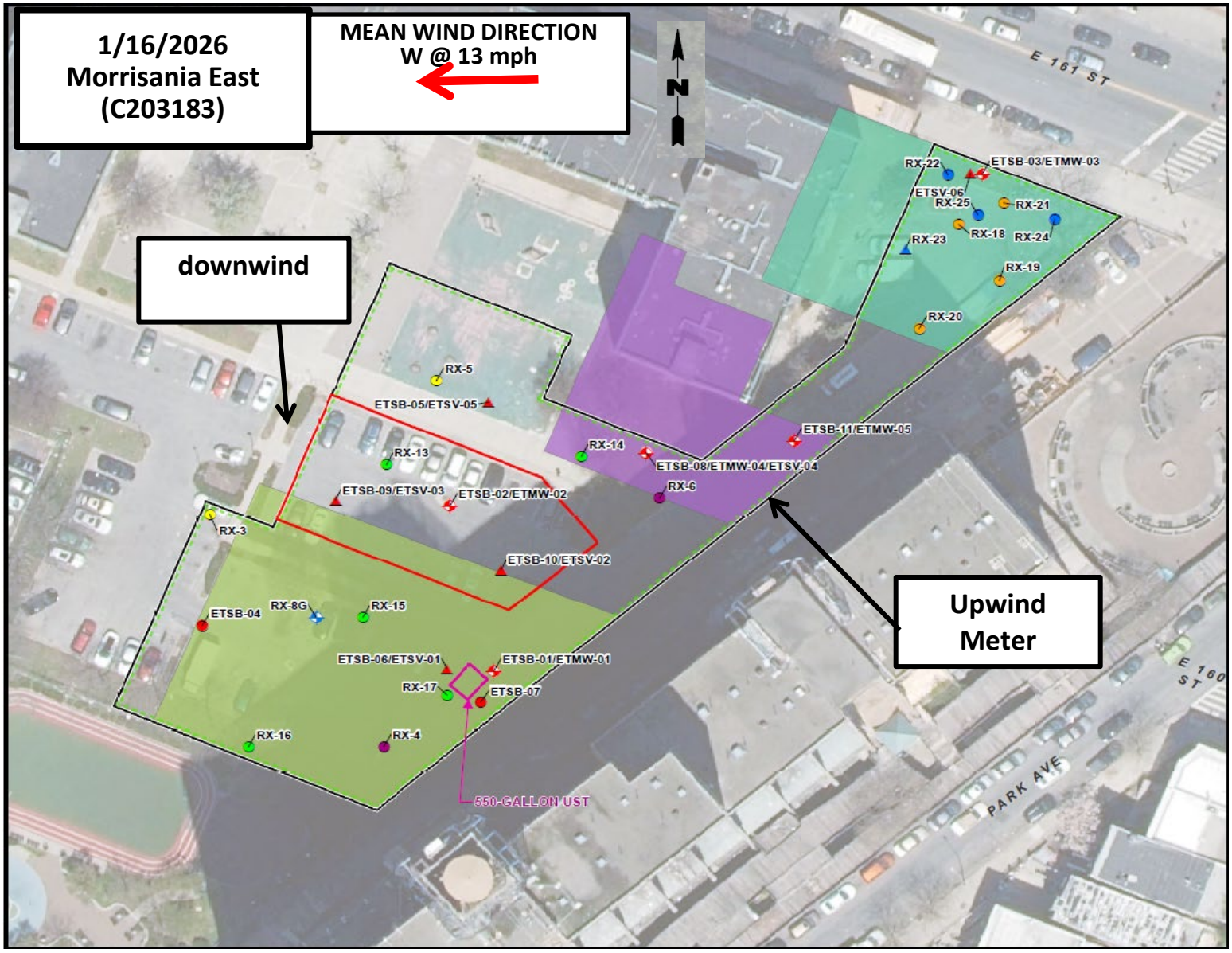
Project: Morrisania East (C203183)
PM: Lauren Dolginko
Location: E 161st Street, Bronx, NY
Date: 1/16/2026

Upwind Serial Number 592-604392
Downwind Serial Number 592-906598

| Upwind | | Downwind | | Corrected[1] Downwind | Comments |
|---|---|---|---|---|---|
| Time | VOC Average (ppm) | Time | VOC Average (ppm) | VOC Average (ppm) | |
| 7:40 AM | 0.1 | 7:39 AM | 0.0 | -0.1 | |
| 7:55 AM | 0.2 | 7:54 AM | 0.0 | -0.2 | |
| 8:10 AM | 0.2 | 8:09 AM | 0.0 | -0.2 | |
| 8:25 AM | 0.2 | 8:24 AM | 0.0 | -0.2 | |
| 8:40 AM | 0.2 | 8:39 AM | 0.0 | -0.2 | |
| 8:55 AM | 0.3 | 8:54 AM | 0.0 | -0.3 | |
| 9:10 AM | 0.3 | 9:09 AM | 0.0 | -0.3 | |
| 9:25 AM | 0.3 | 9:24 AM | 0.0 | -0.3 | |
| 9:40 AM | 0.3 | 9:39 AM | 0.0 | -0.3 | |
| 9:55 AM | 0.3 | 9:54 AM | 0.0 | -0.3 | |
| 10:10 AM | 0.3 | 10:09 AM | 0.0 | -0.3 | |
| 10:25 AM | 0.3 | 10:24 AM | 0.1 | -0.2 | |
| 10:40 AM | 0.3 | 10:39 AM | 0.1 | -0.2 | |
| 10:55 AM | 0.3 | 10:54 AM | 0.1 | -0.2 | |
| 11:10 AM | 0.3 | 11:09 AM | 0.1 | -0.2 | |
| 11:25 AM | 0.3 | 11:24 AM | 0.1 | -0.2 | |
| 11:40 AM | 0.3 | 11:39 AM | 0.1 | -0.2 | |
| 11:55 AM | 0.3 | 11:54 AM | 0.1 | -0.2 | |
| 12:10 PM | 0.3 | 12:09 PM | 0.1 | -0.2 | |
| 12:25 PM | 0.3 | 12:24 PM | 0.1 | -0.2 | |
| 12:40 PM | 0.3 | 12:39 PM | 0.1 | -0.2 | |
| 12:55 PM | 0.3 | 12:54 PM | 0.1 | -0.2 | |
| 1:10 PM | 0.3 | 1:09 PM | 0.0 | -0.3 | |
| 1:25 PM | 0.3 | 1:24 PM | 0.0 | -0.3 | |
| 1:40 PM | 0.4 | 1:39 PM | 0.0 | -0.4 | |
| 1:55 PM | 0.4 | 1:54 PM | 0.0 | -0.4 | |
| 2:10 PM | 0.4 | 2:09 PM | 0.0 | -0.4 | |

**Notes:**

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.


1/16/2026
Morrisania East
(C203183)
MEAN WIND DIRECTION
W @ 13 mph
N
downwind
Upwind
Meter
E 161 ST
E 160 ST
PARK AVE
RX-22
ETSB-03/ETMW-03
ETSV-06
RX-25
RX-21
RX-18
RX-24
RX-23
RX-19
RX-20
RX-5
ETSB-05/ETSV-05
ETSB-11/ETMW-05
RX-14
RX-13
ETSB-08/ETMW-04/ETSV-04
ETSB-09/ETSV-03
ETSB-02/ETMW-02
RX-6
RX-3
ETSB-10/ETSV-02
ETSB-04
RX-8G
RX-15
ETSB-06/ETSV-01
ETSB-01/ETMW-01
RX-17
ETSB-07
RX-16
RX-4
550-GALLON UST

ROUX

# DAILY SITE FIELD ACTIVITY REPORT

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/19/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 25-32°F, sunny, RH: 81% Pres: 29.91" Wind: West @ 7 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:30 |

| **CONTRACTOR AND EQUIPMENT** | **PERSONNEL PRESENT AT SITE AND AFFILIATION:** |
|---|---|
| Drilling Contractor – Trinity Environmental<br>- 2x Personnel<br>- 1x Geoprobe 7720DT<br>Drilling Contractor – Coastal Environmental<br>- 2x Personnel<br>- 1x Geoprobe 7822DT | Emelia Pagano – Roux D.P.C.<br>Elyssa Torres – Roux D.P.C. |

**SCOPE OF WORK:**

Roux D.P.C. (Roux) was onsite to complete implementation of the Remedial Investigation (RI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP), dated December 19, 2025.

**Description of work activities performed and general observations/comments:**

- Trinity Environmental (Trinity) completed utility pre-clearance to 5 feet below land surface (ft bls) at each soil boring location prior to advancement with the Geoprobe drill rig 7720DT.
- Trinity completed Remedial Investigation (RI) locations ETSB-09 and waste characterization locations A1-1, A1-2, A1-3, and A1-4.
- Trinity installed soil vapor point ETSV-03.
- Roux inspected all recovered soil, recoded lithology, and screened with a photoionization detector (PID) for volatile organic compounds (VOCs).
- Coastal installs groundwater monitoring wells ETMW-01 and ETMW-02.

**CAMP data evaluation:** CAMP was implemented from 07:45 – 14:15. There were no exceedances of particulate or volatile organic compound (VOC) action levels during this period.

**Offsite Disposal:** N/A

**Sampling Performed:**

| **Matrix** | **Sample ID** | **Analyses** |
|---|---|---|
| Soil | ETSB-09 (0-2 in) | 8081B – Target Compound List (TCL)/Part 375 pesticides, 8082A – polychlorinated biphenyls (PCBs), 8270D - TCL/Part 375 semivolatile organic compounds (SVOCs) + 1,4-Dioxane, 6020B/7470A – Target Analyte List (TAL)/Part 375 metals + mercury, 9010C – total cyanide, 7196A - Hexavalent Chromium and Trivalent Chromium. |
| Soil | ETSB-09 (2-6in) | 8260C - TCL/Part 375 VOCs |

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/19/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 25-32°F, sunny, RH: 81% Pres: 29.91" Wind: West @ 7 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:30 |

| | | |
|---|---|---|
| Soil | ESTB-09 (2-4)<br>ESTB-09 (6-8) ON HOLD<br>ESTB-09 (10-12) ON HOLD<br>ESTB-09 (12-14) | 8260C - TCL/Part 375 VOCs, 8081B –TCL/Part 375 pesticides, 8082A – PCBs, 8270D - TCL/Part 375 SVOCs + 1,4-Dioxane, 6020B/7470A TAL/Part 375 metals + mercury, 9010C – total cyanide, 7196A - Hexavalent Chromium and Trivalent Chromium. |
| Soil | ETSB-09 (2-4)_P | 1633A per and polyfluoroalkyl substances PFAS – Standard List 40 |
| Soil | WC-A1 (0-10)<br>WC-A1 (10-14) | TCL/Soil Remediation Standards (SRS)/NYSDEC Part 375 SVOCs, pesticides, herbicides, PCBs, TCL/SRS/NYSDEC Part 375 metals, Resource Conservation and Recovery Act (RCRA) characteristics, Toxicity Characteristic Leaching Procedure (TCLP) metals, paint filter, New Jersey extractable petroleum hydrocarbons (NJEPH), and on hold - TCLP SVOCs, TCLP pesticides, and TCLP herbicides. |
| Soil | WC-A1-4 (2-4)<br>WC-A1-2 (10-14) | TCL/SRS/NYSDEC Part 375 VOCs, on hold - TCLP VOCs. |

**Upcoming work activities anticipated:**

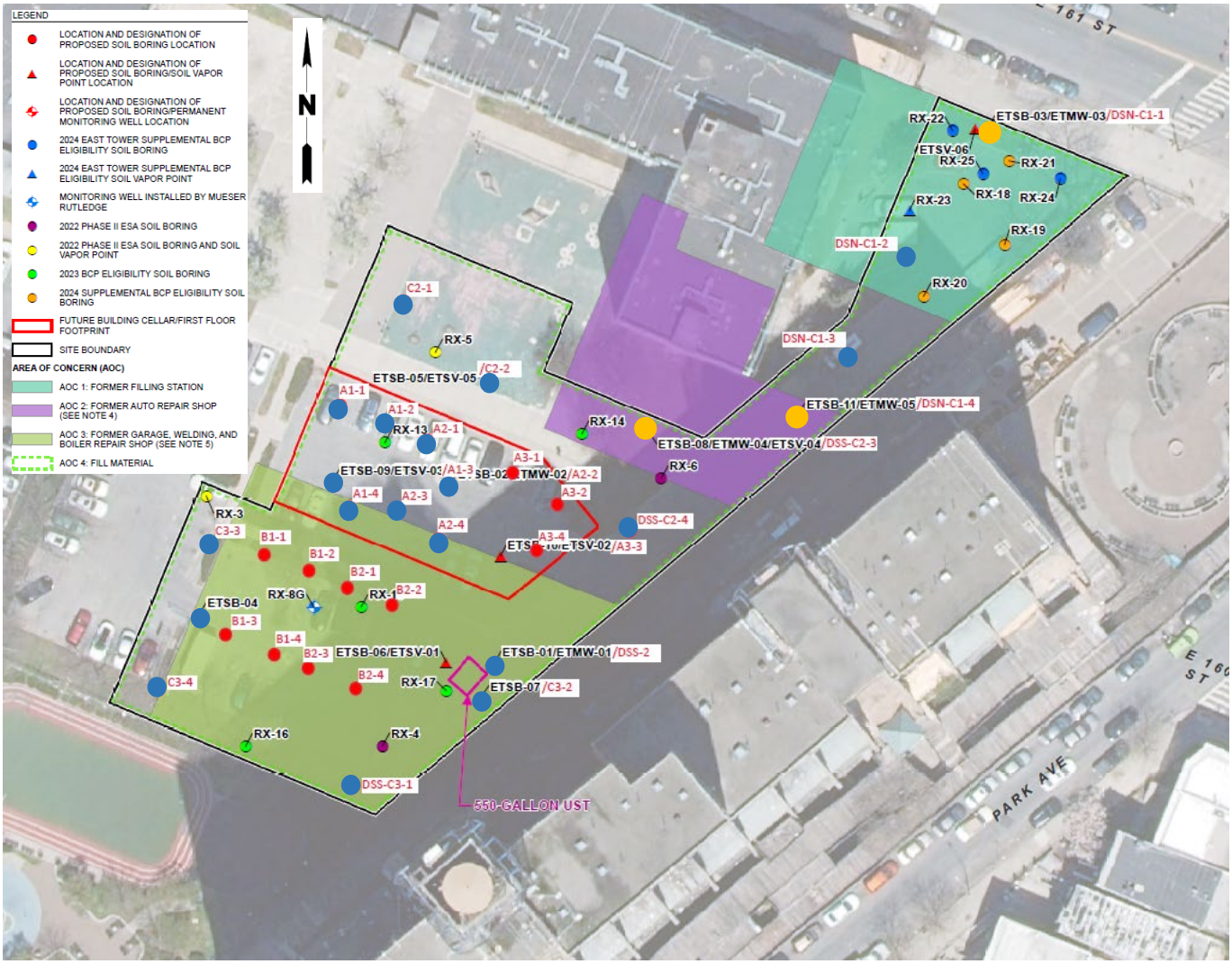
- Soil boring advancement will continue utilizing the Geoprobe drill rig.
- Roux will continue inspecting all recovered soil, recording lithology, and screening with a PID for VOCs. Soil samples will be collected at all waste characterization/RI locations.
- Roux will install soil vapor points and groundwater monitoring wells.
- Mega Surveying and Engineering will survey permanent groundwater monitoring well locations following installation.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

# DAILY SITE FIELD ACTIVITY REPORT

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/19/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 25-32°F, sunny, RH: 81% Pres: 29.91" Wind: West @ 7 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:30 |




Legend

- RI location pre-cleared
- RI monitoring well location installed
- RI soil boring location complete

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/19/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 25-32°F, sunny, RH: 81% Pres: 29.91" Wind: West @ 7 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:30 |

**PHOTOGRAPHS TAKEN TODAY: Morrisania East**



**Photo 1**: Looking west, view of Trinity drilling A1-4.



**Photo 2:** Looking south, view of Coastal drilling groundwater monitoring well ETMW-01

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry** |
| | | | **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/19/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 25-32°F, sunny, RH: 81% Pres: 29.91" Wind: West @ 7 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:30 |



**Photo 3:** Looking west, view of the upwind CAMP station.



**Photo 4:** Looking east, view of the downwind CAMP station.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry** |
| | | | **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

**Roux Environmental Engineering and Geology, D.P.C.**
**Community Air Monitoring Program - DUST**

Project: Morrisania East (C203183)
PM: Lauren Dolginko
Location: E 161st Street, Bronx, NY
Date: 1/19/2026

Upwind Serial Number 8530130802
Downwind Serial Number 8530163514

| Upwind | | Downwind | | Corrected Downwind[1] | Comments |
|---|---|---|---|---|---|
| Time | Concentration [mg/m3] | Time | Concentration [mg/m3] | Concentration [mg/m3] | |
| 8:02 AM | 0.027 | 8:02 AM | 0.029 | 0.002 | |
| 8:17 AM | 0.025 | 8:17 AM | 0.026 | 0.001 | |
| 8:32 AM | 0.024 | 8:32 AM | 0.023 | -0.001 | |
| 8:47 AM | 0.025 | 8:47 AM | 0.023 | -0.002 | |
| 9:02 AM | 0.023 | 9:02 AM | 0.023 | 0.000 | |
| 9:17 AM | 0.022 | 9:17 AM | 0.022 | 0.000 | |
| 9:32 AM | 0.019 | 9:32 AM | 0.020 | 0.001 | |
| 9:47 AM | 0.020 | 9:47 AM | 0.020 | 0.000 | |
| 10:02 AM | 0.022 | 10:02 AM | 0.021 | -0.001 | |
| 10:17 AM | 0.023 | 10:17 AM | 0.022 | -0.001 | |
| 10:32 AM | 0.023 | 10:32 AM | 0.022 | -0.001 | |
| 10:47 AM | 0.023 | 10:47 AM | 0.022 | -0.001 | |
| 11:02 AM | 0.027 | 11:02 AM | 0.024 | -0.003 | |
| 11:17 AM | 0.026 | 11:17 AM | 0.026 | 0.000 | |
| 11:32 AM | 0.030 | 11:32 AM | 0.027 | -0.003 | |
| 11:47 AM | 0.028 | 11:47 AM | 0.026 | -0.002 | |
| 12:02 PM | 0.029 | 12:02 PM | 0.027 | -0.002 | |
| 12:17 PM | 0.030 | 12:17 PM | 0.028 | -0.002 | |
| 12:32 PM | 0.027 | 12:32 PM | 0.026 | -0.001 | |
| 12:47 PM | 0.024 | 12:47 PM | 0.025 | 0.001 | |
| 1:02 PM | 0.024 | 1:02 PM | 0.024 | 0.000 | |
| 1:17 PM | 0.023 | 1:17 PM | 0.024 | 0.001 | |
| 1:32 PM | 0.026 | 1:32 PM | 0.024 | -0.002 | |
| 1:47 PM | 0.024 | 1:47 PM | 0.034 | 0.010 | |
| 2:02 PM | 0.024 | 2:02 PM | 0.023 | -0.001 | |

**Notes:**

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.

**Roux Environmental Engineering and Geology, D.P.C.**
**Community Air Monitoring Program - VOC**

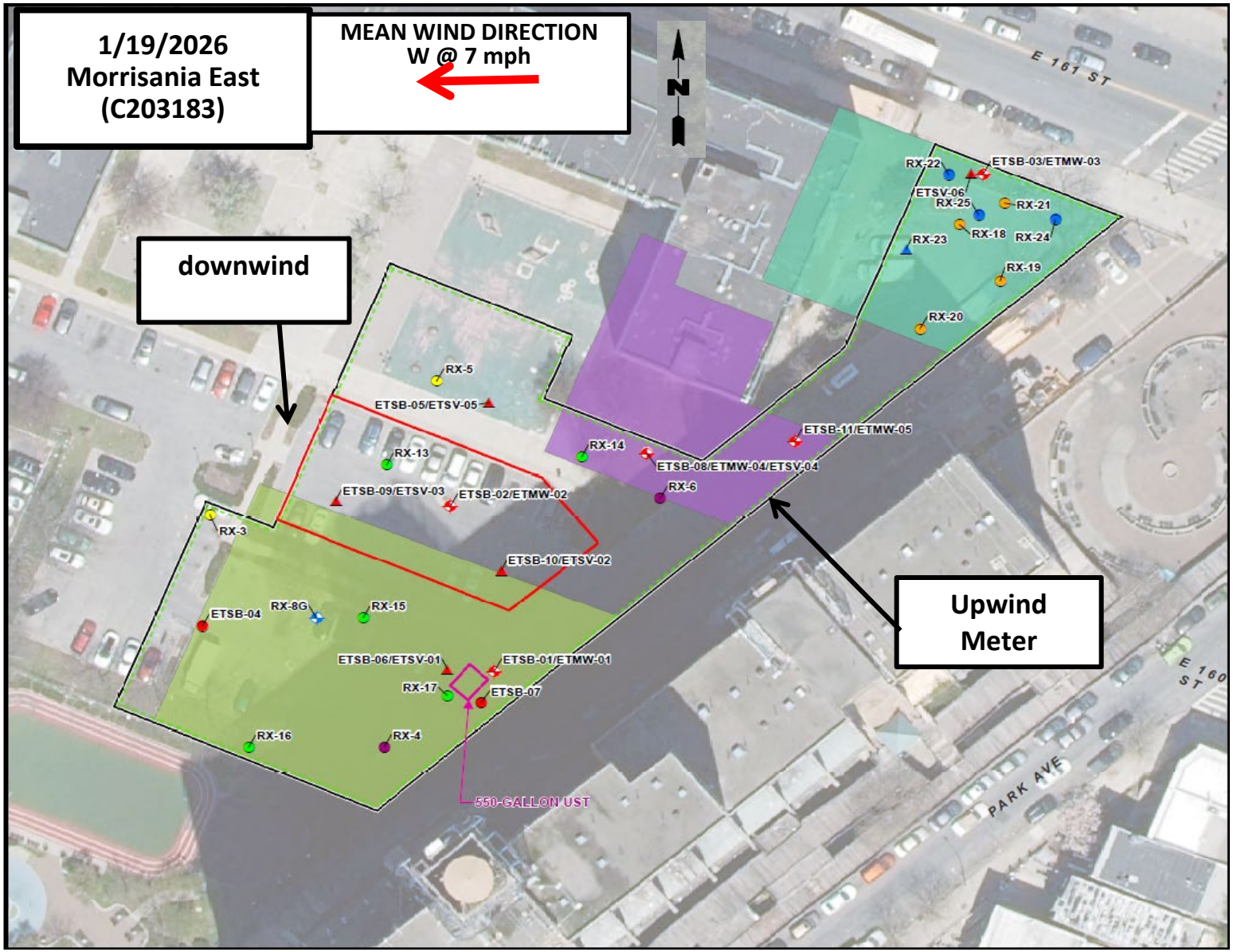
Project: Morrisania East (C203183)
PM: Lauren Dolginko
Location: E 161st Street, Bronx, NY
Date: 1/19/2026

Upwind Serial Number 592-604392
Downwind Serial Number 592-906598

| Upwind | | Downwind | | Corrected[1] Downwind | Comments |
|---|---|---|---|---|---|
| Time | VOC Average (ppm) | Time | VOC Average (ppm) | VOC Average (ppm) | |
| 8:04 AM | 0.0 | 8:07 AM | 0.0 | 0.0 | |
| 8:19 AM | 0.1 | 8:22 AM | 0.0 | -0.1 | |
| 8:34 AM | 0.1 | 8:37 AM | 0.0 | -0.1 | |
| 8:49 AM | 0.1 | 8:52 AM | 0.0 | -0.1 | |
| 9:04 AM | 0.1 | 9:07 AM | 0.0 | -0.1 | |
| 9:19 AM | 0.1 | 9:22 AM | 0.0 | -0.1 | |
| 9:34 AM | 0.1 | 9:37 AM | 0.1 | 0.0 | |
| 9:49 AM | 0.2 | 9:52 AM | 0.1 | -0.1 | |
| 10:04 AM | 0.2 | 10:07 AM | 0.1 | -0.1 | |
| 10:19 AM | 0.2 | 10:22 AM | 0.1 | -0.1 | |
| 10:34 AM | 0.2 | 10:37 AM | 0.1 | -0.1 | |
| 10:49 AM | 0.2 | 10:52 AM | 0.1 | -0.1 | |
| 11:04 AM | 0.2 | 11:07 AM | 0.1 | -0.1 | |
| 11:19 AM | 0.2 | 11:22 AM | 0.1 | -0.1 | |
| 11:34 AM | 0.2 | 11:37 AM | 0.1 | -0.1 | |
| 11:49 AM | 0.2 | 11:52 AM | 0.1 | -0.1 | |
| 12:04 PM | 0.2 | 12:07 PM | 0.1 | -0.1 | |
| 12:19 PM | 0.2 | 12:22 PM | 0.1 | -0.1 | |
| 12:34 PM | 0.2 | 12:37 PM | 0.1 | -0.1 | |
| 12:49 PM | 0.2 | 12:52 PM | 0.1 | -0.1 | |
| 1:04 PM | 0.2 | 1:07 PM | 0.1 | -0.1 | |
| 1:19 PM | 0.2 | 1:22 PM | 0.1 | -0.1 | |
| 1:34 PM | 0.2 | 1:37 PM | 0.1 | -0.1 | |
| 1:49 PM | 0.2 | 1:52 PM | 0.1 | -0.1 | |
| 2:04 PM | 0.2 | 2:07 PM | 0.1 | -0.1 | |
| 2:19 PM | 0.2 | 2:22 PM | 0.1 | -0.1 | |

**Notes:**

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.


1/19/2026
Morrisania East
(C203183)
MEAN WIND DIRECTION
W @ 7 mph
N
downwind
Upwind
Meter
E 161 ST
E 160 ST
PARK AVE
RX-22
ETSB-03/ETMW-03
ETSV-06
RX-25
RX-21
RX-18
RX-24
RX-23
RX-19
RX-20
RX-5
ETSB-05/ETSV-05
ETSB-11/ETMW-05
RX-14
RX-13
ETSB-08/ETMW-04/ETSV-04
ETSB-09/ETSV-03
ETSB-02/ETMW-02
RX-6
RX-3
ETSB-10/ETSV-02
ETSB-04
RX-8G
RX-15
ETSB-06/ETSV-01
ETSB-01/ETMW-01
RX-17
ETSB-07
RX-16
RX-4
550-GALLON UST

ROUX

# DAILY SITE FIELD ACTIVITY REPORT

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/20/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 16-21°F, sunny, RH: 40% Pres: 30.28" Wind: West @ 9 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:30 |

| **CONTRACTOR AND EQUIPMENT** | **PERSONNEL PRESENT AT SITE AND AFFILIATION:** |
|---|---|
| Drilling Contractor – Trinity Environmental<br>- 2x Personnel<br>- 1x Geoprobe 7720DT<br>Drilling Contractor – Coastal Environmental<br>- 2x Personnel<br>- 1x Geoprobe 7822DT | Emelia Pagano – Roux D.P.C.<br>Benjamin Weinstraub – Roux D.P.C. |

**SCOPE OF WORK:**

Roux D.P.C. (Roux) was onsite to complete implementation of the Remedial Investigation (RI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP), dated December 19, 2025.

**Description of work activities performed and general observations/comments:**

- Trinity Environmental (Trinity) completed utility pre-clearance to 5 feet below land surface (ft bls) at each soil boring location prior to advancement with the Geoprobe drill rig 7720DT.
- Trinity completed Remedial Investigation (RI) locations ETSB-06.
- Trinity installed soil vapor point ETSV-01.
- Roux inspected all recovered soil, recoded lithology, and screened with a photoionization detector (PID) for volatile organic compounds (VOCs).
- Coastal installs groundwater monitoring wells ETMW-04.

**CAMP data evaluation:** CAMP was implemented from 07:30 – 15:00. There were no exceedances of particulate or volatile organic compound (VOC) action levels during this period.

**Offsite Disposal:** N/A

**Sampling Performed:**

| **Matrix** | **Sample ID** | **Analyses** |
|---|---|---|
| Soil | ETSB-06 (0-2 in) | 8081B – Target Compound List (TCL)/Part 375 pesticides, 8082A – polychlorinated biphenyls (PCBs), 8270D - TCL/Part 375 semivolatile organic compounds (SVOCs) + 1,4-Dioxane, 6020B/7470A – Target Analyte List (TAL)/Part 375 metals + mercury, 9010C – total cyanide, 7196A - Hexavalent Chromium and Trivalent Chromium. |
| Soil | ETSB-06 (2-6in) | 8260C - TCL/Part 375 VOCs |
| Soil | ESTB-06 (2-4)<br>ESTB-06 (6-8)<br>ESTB-06 (8-10)<br>ESTB-06 (10-12) | 8260C - TCL/Part 375 VOCs, 8081B –TCL/Part 375 pesticides, 8082A – PCBs, 8270D - TCL/Part 375 SVOCs + 1,4-Dioxane, 6020B/7470A TAL/Part 375 metals + mercury, 9010C – total cyanide, 7196A - Hexavalent Chromium and Trivalent Chromium. |

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/20/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 16-21°F, sunny, RH: 40% Pres: 30.28" Wind: West @ 9 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:30 |

| | | |
|---|---|---|
| | | |
| Soil | ETSB-06 (2-4)_P | 1633A per and polyfluoroalkyl substances PFAS – Standard List 40 |
| Soil | None | TCL/Soil Remediation Standards (SRS)/NYSDEC Part 375 SVOCs, pesticides, herbicides, PCBs, TCL/SRS/NYSDEC Part 375 metals, Resource Conservation and Recovery Act (RCRA) characteristics, Toxicity Characteristic Leaching Procedure (TCLP) metals, paint filter, New Jersey extractable petroleum hydrocarbons (NJEPH), and on hold - TCLP SVOCs, TCLP pesticides, and TCLP herbicides. |
| Soil | None | TCL/SRS/NYSDEC Part 375 VOCs, on hold - TCLP VOCs. |

**Upcoming work activities anticipated:**

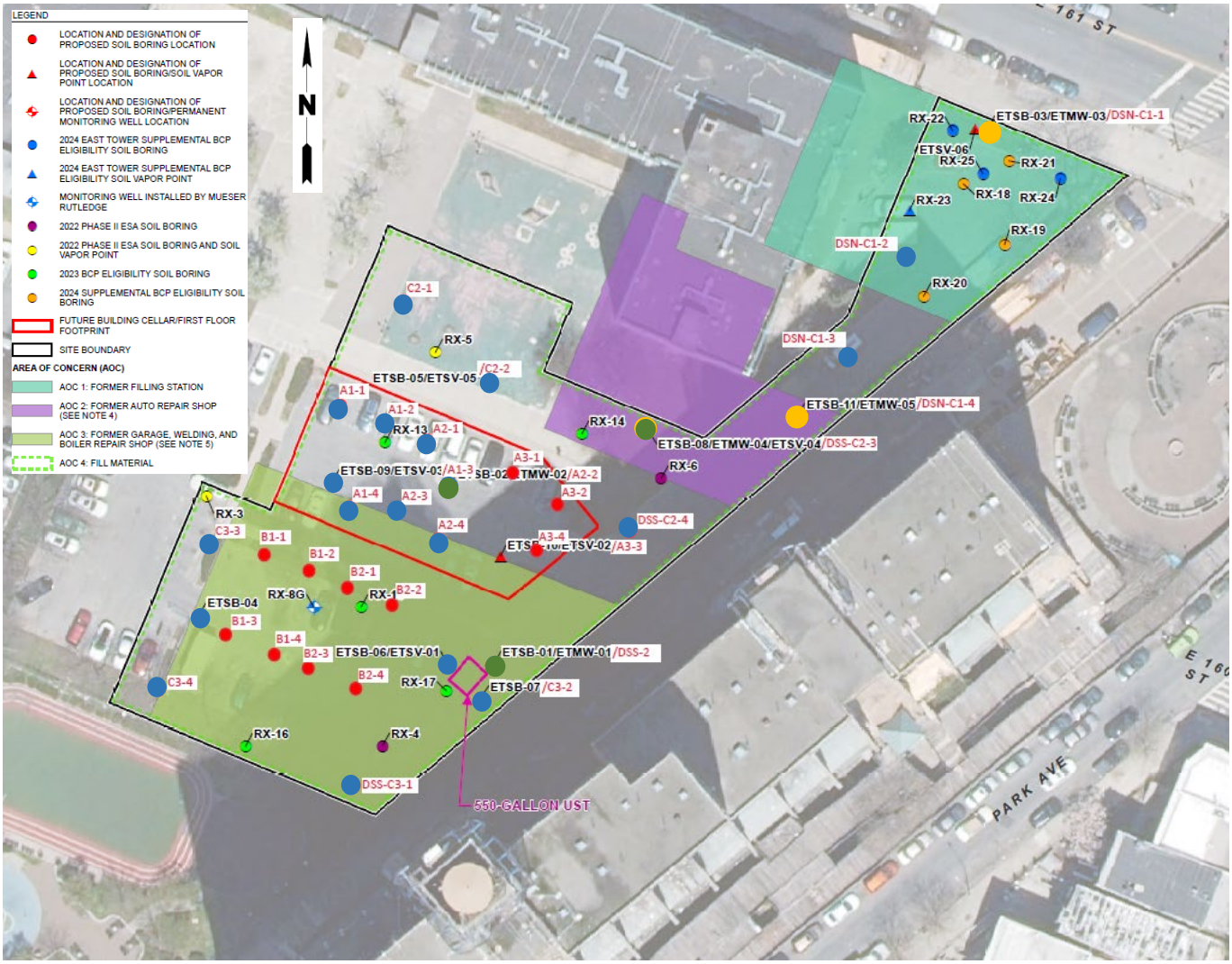
- Soil boring advancement will continue utilizing the Geoprobe drill rig.
- Roux will continue inspecting all recovered soil, recording lithology, and screening with a PID for VOCs. Soil samples will be collected at all waste characterization/RI locations.
- Roux will install soil vapor points and groundwater monitoring wells.
- Mega Surveying and Engineering will survey permanent groundwater monitoring well locations following installation.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry** |
| | | | **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

# DAILY SITE FIELD ACTIVITY REPORT

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/20/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 16-21°F, sunny, RH: 40% Pres: 30.28" Wind: West @ 9 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:30 |




## Legend

- RI location pre-cleared
- RI monitoring well location installed
- RI soil boring location complete

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/20/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 16-21°F, sunny, RH: 40% Pres: 30.28" Wind: West @ 9 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:30 |

**PHOTOGRAPHS TAKEN TODAY: Morrisania East**



**Photo 1**: Looking west, view of Trinity drilling ETSB-06.



**Photo 2:** View of Coastal drilling the groundwater monitoring well.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry** |
| | | | **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

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**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/20/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 16-21°F, sunny, RH: 40% Pres: 30.28" Wind: West @ 9 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:30 |



**Photo 3:** Looking east, view of the downwind CAMP station.



**Photo 4:** Looking north, view of drummed soil cuttings.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

**Roux Environmental Engineering and Geology, D.P.C.**
**Community Air Monitoring Program - DUST**

Project: Morrisania East (C203183)
PM: Lauren Dolginko
Location: E 161st Street, Bronx, NY
Date: 1/20/2026

Upwind Serial Number 8530130802
Downwind Serial Number 8530163514

| Upwind | | Downwind | | Corrected Downwind[1] | Comments |
|---|---|---|---|---|---|
| Time | Concentration [mg/m3] | Time | Concentration [mg/m3] | Concentration [mg/m3] | |
| 7:47 AM | 0.029 | 7:48 AM | 0.038 | 0.009 | |
| 8:02 AM | 0.021 | 8:03 AM | 0.019 | -0.002 | |
| 8:17 AM | 0.020 | 8:18 AM | 0.018 | -0.002 | |
| 8:32 AM | 0.019 | 8:33 AM | 0.019 | 0.000 | |
| 8:47 AM | 0.021 | 8:48 AM | 0.019 | -0.002 | |
| 9:02 AM | 0.020 | 9:03 AM | 0.018 | -0.002 | |
| 9:17 AM | 0.019 | 9:18 AM | 0.018 | -0.001 | |
| 9:32 AM | 0.016 | 9:33 AM | 0.017 | 0.001 | |
| 9:47 AM | 0.017 | 9:48 AM | 0.017 | 0.000 | |
| 10:02 AM | 0.015 | 10:03 AM | 0.016 | 0.001 | |
| 10:17 AM | 0.014 | 10:18 AM | 0.015 | 0.001 | |
| 10:32 AM | 0.013 | 10:33 AM | 0.016 | 0.003 | |
| 10:47 AM | 0.013 | 10:48 AM | 0.014 | 0.001 | |
| 11:02 AM | 0.012 | 11:03 AM | 0.014 | 0.002 | |
| 11:17 AM | 0.012 | 11:18 AM | 0.013 | 0.001 | |
| 11:32 AM | 0.012 | 11:33 AM | 0.014 | 0.002 | |
| 11:47 AM | 0.012 | 11:48 AM | 0.014 | 0.002 | |
| 12:02 PM | 0.012 | 12:03 PM | 0.014 | 0.002 | |
| 12:17 PM | 0.012 | 12:18 PM | 0.014 | 0.002 | |
| 12:32 PM | 0.013 | 12:33 PM | 0.014 | 0.001 | |
| 12:47 PM | 0.010 | 12:48 PM | 0.012 | 0.002 | |
| 1:02 PM | 0.012 | 1:03 PM | 0.014 | 0.002 | |
| 1:17 PM | 0.013 | 1:18 PM | 0.014 | 0.001 | |
| 1:32 PM | 0.014 | 1:33 PM | 0.015 | 0.001 | |
| 1:47 PM | 0.012 | 1:48 PM | 0.014 | 0.002 | |
| 2:02 PM | 0.013 | 2:03 PM | 0.014 | 0.001 | |
| 2:17 PM | 0.012 | 2:18 PM | 0.013 | 0.001 | |
| 2:32 PM | 0.012 | 2:33 PM | 0.012 | 0.000 | |
| 2:47 PM | 0.012 | 2:48 PM | 0.013 | 0.001 | |
| 3:02 PM | 0.012 | 3:03 PM | 0.013 | 0.001 | |

**Notes:**

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.

**Roux Environmental Engineering and Geology, D.P.C.**
**Community Air Monitoring Program - VOC**

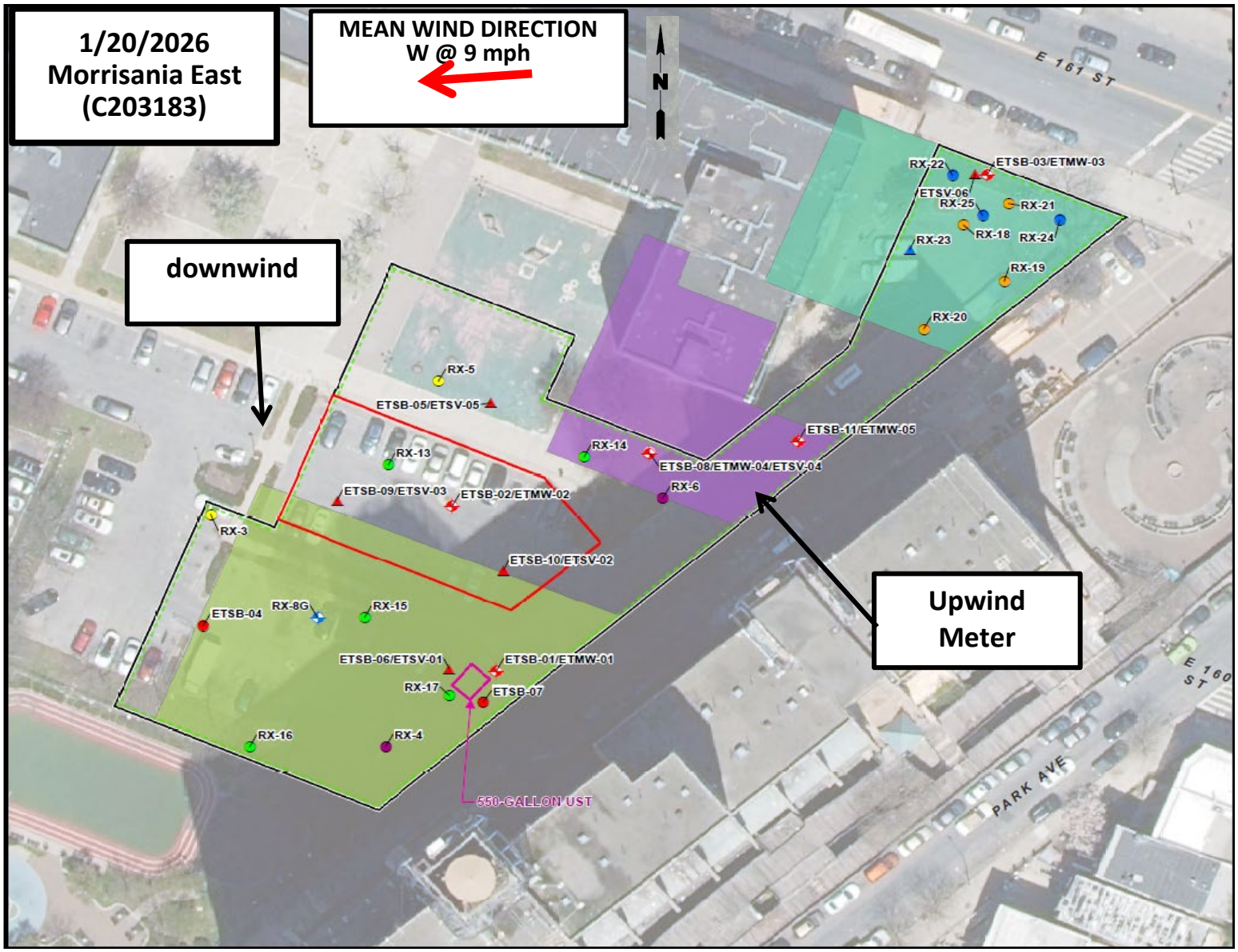
Project: Morrisania East (C203183)
PM: Lauren Dolginko
Location: E 161st Street, Bronx, NY
Date: 1/20/2026

Upwind Serial Number 592-604392
Downwind Serial Number 592-906598

| Upwind | | Downwind | | Corrected[1] Downwind | Comments |
|---|---|---|---|---|---|
| Time | VOC Average (ppm) | Time | VOC Average (ppm) | VOC Average (ppm) | |
| 7:49 AM | 0.0 | 7:53 AM | 0.0 | 0.0 | |
| 8:04 AM | 0.0 | 8:08 AM | 0.0 | 0.0 | |
| 8:19 AM | 0.1 | 8:23 AM | 0.0 | -0.1 | |
| 8:34 AM | 0.1 | 8:38 AM | 0.0 | -0.1 | |
| 8:49 AM | 0.1 | 8:53 AM | 0.0 | -0.1 | |
| 9:04 AM | 0.1 | 9:08 AM | 0.0 | -0.1 | |
| 9:19 AM | 0.2 | 9:23 AM | 0.0 | -0.2 | |
| 9:34 AM | 0.2 | 9:38 AM | 0.0 | -0.2 | |
| 9:49 AM | 0.2 | 9:53 AM | 0.0 | -0.2 | |
| 10:04 AM | 0.2 | 10:08 AM | 0.0 | -0.2 | |
| 10:19 AM | 0.2 | 10:23 AM | 0.0 | -0.2 | |
| 10:34 AM | 0.2 | 10:38 AM | 0.0 | -0.2 | |
| 10:49 AM | 0.2 | 10:53 AM | 0.0 | -0.2 | |
| 11:04 AM | 0.2 | 11:08 AM | 0.0 | -0.2 | |
| 11:19 AM | 0.2 | 11:23 AM | 0.0 | -0.2 | |
| 11:34 AM | 0.2 | 11:38 AM | 0.0 | -0.2 | |
| 11:49 AM | 0.2 | 11:53 AM | 0.0 | -0.2 | |
| 12:04 PM | 0.2 | 12:08 PM | 0.0 | -0.2 | |
| 12:19 PM | 0.2 | 12:23 PM | 0.0 | -0.2 | |
| 12:34 PM | 0.2 | 12:38 PM | 0.0 | -0.2 | |
| 12:49 PM | 0.2 | 12:53 PM | 0.0 | -0.2 | |
| 1:04 PM | 0.2 | 1:08 PM | 0.0 | -0.2 | |
| 1:19 PM | 0.2 | 1:23 PM | 0.0 | -0.2 | |
| 1:34 PM | 0.2 | 1:38 PM | 0.0 | -0.2 | |
| 1:49 PM | 0.2 | 1:53 PM | 0.0 | -0.2 | |
| 2:04 PM | 0.2 | 2:08 PM | 0.0 | -0.2 | |
| 2:19 PM | 0.1 | 2:23 PM | 0.0 | -0.1 | |
| 2:34 PM | 0.2 | 2:38 PM | 0.0 | -0.2 | |
| 2:49 PM | 0.2 | 2:53 PM | 0.0 | -0.2 | |
| 3:04 PM | 0.2 | 3:08 PM | 0.0 | -0.2 | |

**Notes:**

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.


1/20/2026
Morrisania East
(C203183)
MEAN WIND DIRECTION
W @ 9 mph
N
downwind
Upwind
Meter
E 161 ST
E 160 ST
PARK AVE
RX-22
ETSB-03/ETMW-03
ETSV-06
RX-25
RX-21
RX-18
RX-24
RX-23
RX-19
RX-20
RX-5
ETSB-05/ETSV-05
RX-14
ETSB-11/ETMW-05
RX-13
ETSB-08/ETMW-04/ETSV-04
ETSB-09/ETSV-03
ETSB-02/ETMW-02
RX-6
RX-3
ETSB-10/ETSV-02
ETSB-04
RX-8G
RX-15
ETSB-06/ETSV-01
ETSB-01/ETMW-01
RX-17
ETSB-07
RX-16
RX-4
550-GALLON UST

ROUX

# DAILY SITE FIELD ACTIVITY REPORT

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/21/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 11-32°F, sunny, RH: 67% Pres: 30.55" Wind: Southwest @ 3 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:30 |

| **CONTRACTOR AND EQUIPMENT** | **PERSONNEL PRESENT AT SITE AND AFFILIATION:** |
|---|---|
| Drilling Contractor – Trinity Environmental<br>- 2x Personnel<br>- 1x Geoprobe 7720DT<br>Drilling Contractor – Coastal Environmental<br>- 2x Personnel<br>- 1x CRS XL 140 DUO | Emelia Pagano – Roux D.P.C.<br>Benjamin Weinstraub – Roux D.P.C. |

**SCOPE OF WORK:**

Roux D.P.C. (Roux) was onsite to complete implementation of the Remedial Investigation (RI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP), dated December 19, 2025.

**Description of work activities performed and general observations/comments:**

- Trinity Environmental (Trinity) completed utility pre-clearance to 5 feet below land surface (ft bls) at each soil boring location prior to advancement with the Geoprobe drill rig 7720DT.
- Trinity completed waste characterization locations B1-1, B1-2, B1-3, and B1-4.
- Roux inspected all recovered soil, recoded lithology, and screened with a photoionization detector (PID) for volatile organic compounds (VOCs).
- Coastal installs groundwater monitoring wells ETMW-03 and ETMW-05 .

**CAMP data evaluation:** CAMP was implemented from 07:45 – 14:45. There were no exceedances of particulate or volatile organic compound (VOC) action levels during this period.

**Offsite Disposal:** N/A

**Sampling Performed:**

| **Matrix** | **Sample ID** | **Analyses** |
|---|---|---|
| Soil | None | 8081B – Target Compound List (TCL)/Part 375 pesticides, 8082A – polychlorinated biphenyls (PCBs), 8270D - TCL/Part 375 semivolatile organic compounds (SVOCs) + 1,4-Dioxane, 6020B/7470A – Target Analyte List (TAL)/Part 375 metals + mercury, 9010C – total cyanide, 7196A - Hexavalent Chromium and Trivalent Chromium. |
| Soil | None | 8260C - TCL/Part 375 VOCs |
| Soil | None | 8260C - TCL/Part 375 VOCs, 8081B –TCL/Part 375 pesticides, 8082A – PCBs, 8270D - TCL/Part 375 SVOCs + 1,4-Dioxane, 6020B/7470A TAL/Part 375 metals + mercury, 9010C – total cyanide, 7196A - Hexavalent Chromium and Trivalent Chromium. |

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/21/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 11-32°F, sunny, RH: 67% Pres: 30.55" Wind: Southwest @ 3 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:30 |

| | | |
|---|---|---|
| Soil | None | 1633A per and polyfluoroalkyl substances PFAS – Standard List 40 |
| Soil | WC-B1 (0-7)<br>WC-B1 (7-15) | TCL/Soil Remediation Standards (SRS)/NYSDEC Part 375 SVOCs, pesticides, herbicides, PCBs, TCL/SRS/NYSDEC Part 375 metals, Resource Conservation and Recovery Act (RCRA) characteristics, Toxicity Characteristic Leaching Procedure (TCLP) metals, paint filter, New Jersey extractable petroleum hydrocarbons (NJEPH), and on hold - TCLP SVOCs, TCLP pesticides, and TCLP herbicides. |
| Soil | WC-B1-2 (0-2)<br>WC-B1-1 (10-12) | TCL/SRS/NYSDEC Part 375 VOCs, on hold - TCLP VOCs. |

**Upcoming work activities anticipated:**

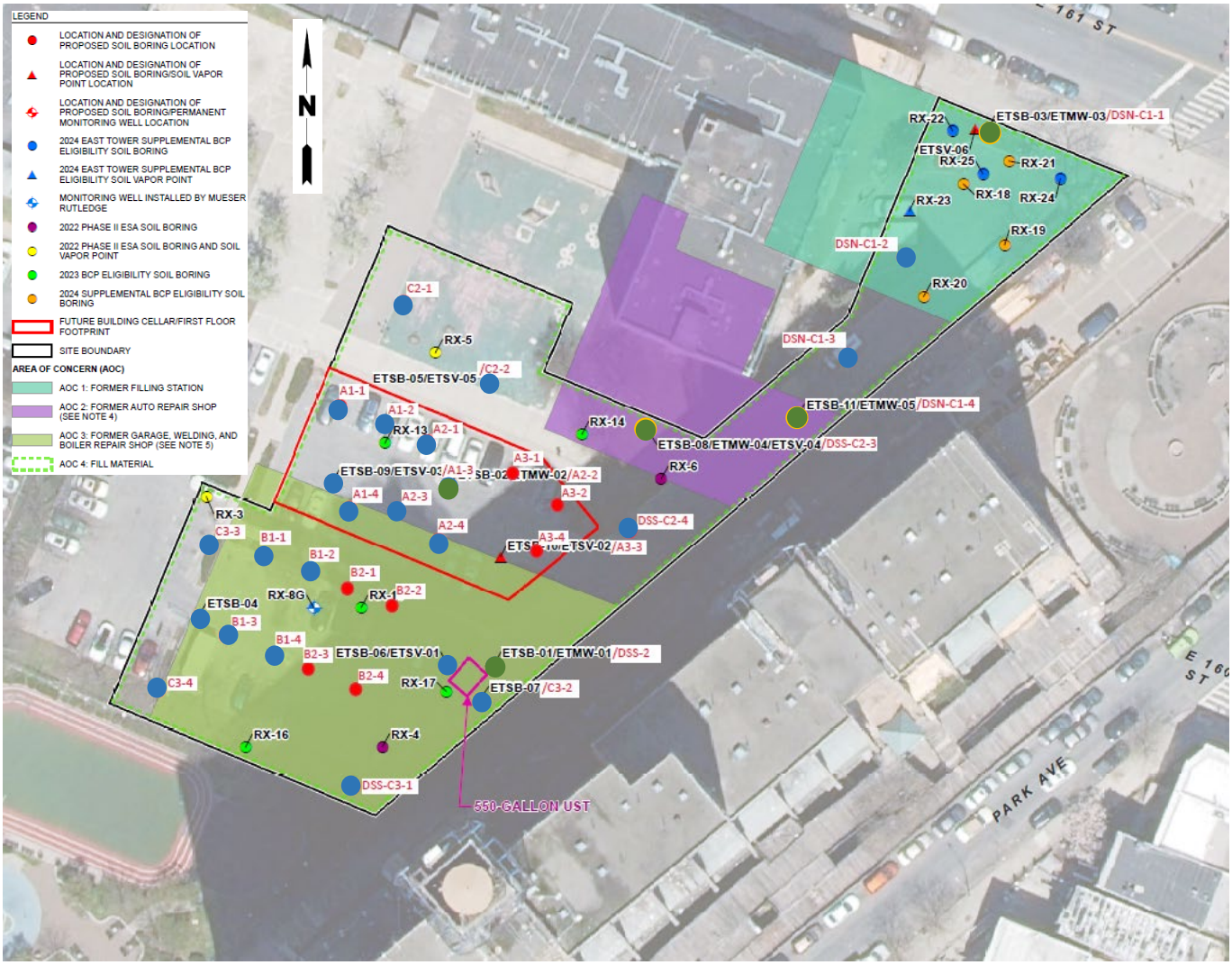
- Soil boring advancement will continue utilizing the Geoprobe drill rig.
- Roux will continue inspecting all recovered soil, recording lithology, and screening with a PID for VOCs. Soil samples will be collected at all waste characterization/RI locations.
- Roux will install soil vapor points and groundwater monitoring wells.
- Mega Surveying and Engineering will survey permanent groundwater monitoring well locations following installation.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

# DAILY SITE FIELD ACTIVITY REPORT

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/21/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 11-32°F, sunny, RH: 67% Pres: 30.55" Wind: Southwest @ 3 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:30 |




Legend

- RI location pre-cleared
- RI monitoring well location installed
- RI soil boring location complete

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry** |
| | | | **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/21/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 11-32°F, sunny, RH: 67% Pres: 30.55" Wind: Southwest @ 3 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:30 |

**PHOTOGRAPHS TAKEN TODAY: Morrisania East**

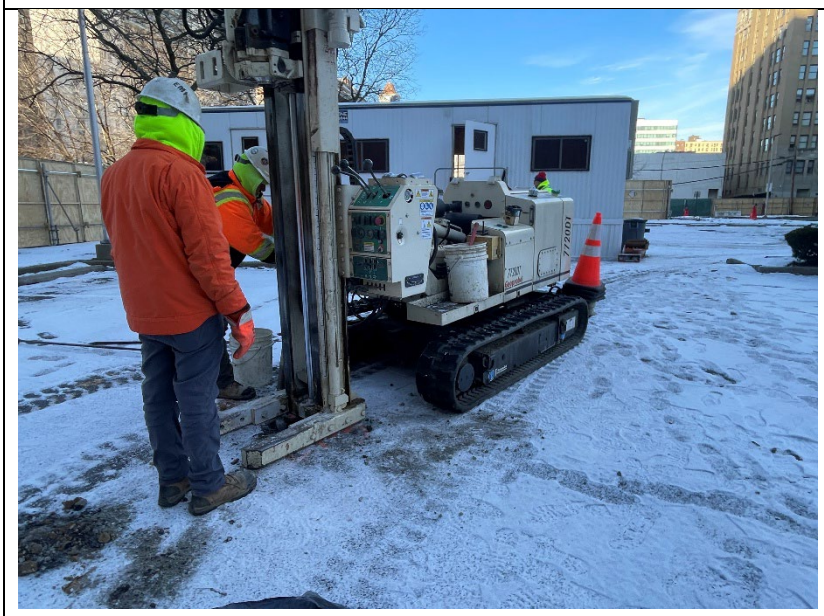


**Photo 1**: Looking west, view of Trinity drilling soil boring B1-3.



**Photo 2:** Looking north, view of Coastal drilling the groundwater monitoring well ETMW-03.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry** |
| | | | **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

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**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/21/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 11-32°F, sunny, RH: 67% Pres: 30.55" Wind: Southwest @ 3 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:30 |



**Photo 3:** Looking north, view of the downwind CAMP station.



**Photo 4:** Looking east, view of the upwind CAMP station.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

**Roux Environmental Engineering and Geology, D.P.C.**
**Community Air Monitoring Program - DUST**

Project: Morrisania East (C203183)
PM: Lauren Dolginko
Location: E 161st Street, Bronx, NY
Date: 1/21/2026

Upwind Serial Number 8530130802
Downwind Serial Number 8530163514

| Upwind | | Downwind | | Corrected Downwind[1] | Comments |
|---|---|---|---|---|---|
| Time | Concentration [mg/m3] | Time | Concentration [mg/m3] | Concentration [mg/m3] | |
| 7:58 AM | 0.023 | 7:56 AM | 0.019 | -0.004 | |
| 8:13 AM | 0.021 | 8:11 AM | 0.018 | -0.003 | |
| 8:28 AM | 0.020 | 8:26 AM | 0.019 | -0.001 | |
| 8:43 AM | 0.019 | 8:41 AM | 0.018 | -0.001 | |
| 8:58 AM | 0.023 | 8:56 AM | 0.020 | -0.003 | |
| 9:13 AM | 0.024 | 9:11 AM | 0.021 | -0.003 | |
| 9:28 AM | 0.026 | 9:26 AM | 0.020 | -0.006 | |
| 9:43 AM | 0.022 | 9:41 AM | 0.020 | -0.002 | |
| 9:58 AM | 0.025 | 9:56 AM | 0.021 | -0.004 | |
| 10:13 AM | 0.022 | 10:11 AM | 0.021 | -0.001 | |
| 10:28 AM | 0.023 | 10:26 AM | 0.022 | -0.001 | |
| 10:43 AM | 0.023 | 10:41 AM | 0.021 | -0.002 | |
| 10:58 AM | 0.024 | 10:56 AM | 0.021 | -0.003 | |
| 11:13 AM | 0.021 | 11:11 AM | 0.020 | -0.001 | |
| 11:28 AM | 0.021 | 11:26 AM | 0.019 | -0.002 | |
| 11:43 AM | 0.020 | 11:41 AM | 0.019 | -0.001 | |
| 11:58 AM | 0.019 | 11:56 AM | 0.017 | -0.002 | |
| 12:13 PM | 0.016 | 12:11 PM | 0.015 | -0.001 | |
| 12:28 PM | 0.016 | 12:26 PM | 0.014 | -0.002 | |
| 12:43 PM | 0.015 | 12:41 PM | 0.014 | -0.001 | |
| 12:58 PM | 0.014 | 12:56 PM | 0.013 | -0.001 | |
| 1:13 PM | 0.014 | 1:11 PM | 0.012 | -0.002 | |
| 1:28 PM | 0.015 | 1:26 PM | 0.014 | -0.001 | |
| 1:43 PM | 0.015 | 1:41 PM | 0.013 | -0.002 | |
| 1:58 PM | 0.014 | 1:56 PM | 0.012 | -0.002 | |
| 2:13 PM | 0.011 | 2:11 PM | 0.012 | 0.001 | |
| 2:28 PM | 0.009 | 2:26 PM | 0.010 | 0.001 | |
| 2:43 PM | 0.009 | 2:41 PM | 0.009 | 0.000 | |

**Notes:**

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.

**Roux Environmental Engineering and Geology, D.P.C.**
**Community Air Monitoring Program - VOC**

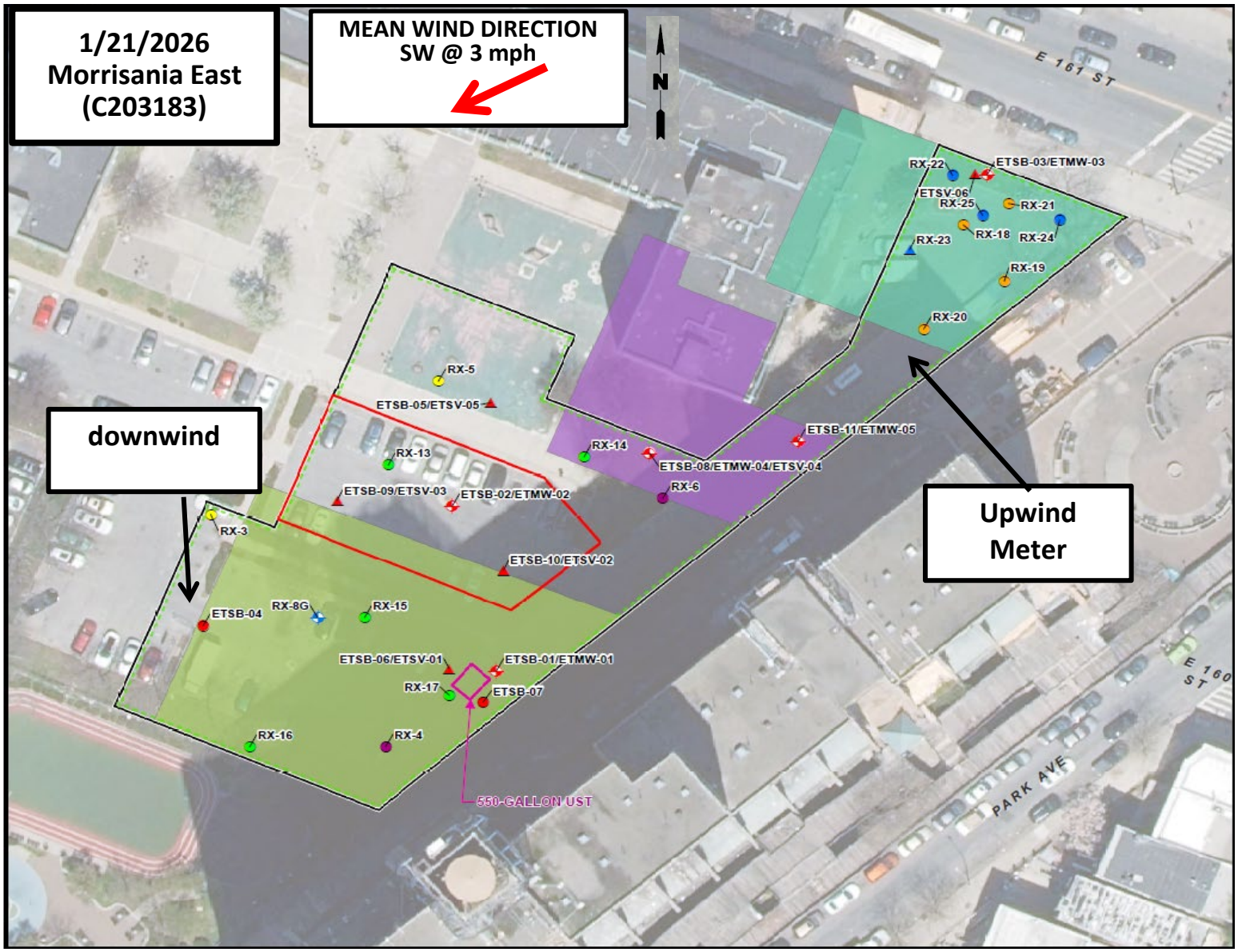
Project: Morrisania East (C203183)
PM: Lauren Dolginko
Location: E 161st Street, Bronx, NY
Date: 1/21/2026

Upwind Serial Number 592-604392
Downwind Serial Number 592-906598

| Upwind | | Downwind | | Corrected[1] Downwind | Comments |
|---|---|---|---|---|---|
| Time | VOC Average (ppm) | Time | VOC Average (ppm) | VOC Average (ppm) | |
| 8:01 AM | 0.1 | 8:01 AM | 0.0 | -0.1 | |
| 8:16 AM | 0.1 | 8:16 AM | 0.0 | -0.1 | |
| 8:31 AM | 0.1 | 8:31 AM | 0.0 | -0.1 | |
| 8:46 AM | 0.1 | 8:46 AM | 0.0 | -0.1 | |
| 9:01 AM | 0.2 | 9:01 AM | 0.0 | -0.2 | |
| 9:16 AM | 0.2 | 9:16 AM | 0.0 | -0.2 | |
| 9:31 AM | 0.2 | 9:31 AM | 0.0 | -0.2 | |
| 9:46 AM | 0.2 | 9:46 AM | 0.0 | -0.2 | |
| 10:01 AM | 0.2 | 10:01 AM | 0.0 | -0.2 | |
| 10:16 AM | 0.2 | 10:16 AM | 0.0 | -0.2 | |
| 10:31 AM | 0.2 | 10:31 AM | 0.0 | -0.2 | |
| 10:46 AM | 0.2 | 10:46 AM | 0.0 | -0.2 | |
| 11:01 AM | 0.3 | 11:01 AM | 0.0 | -0.3 | |
| 11:16 AM | 0.3 | 11:16 AM | 0.0 | -0.3 | |
| 11:31 AM | 0.3 | 11:31 AM | 0.0 | -0.3 | |
| 11:46 AM | 0.3 | 11:46 AM | 0.0 | -0.3 | |
| 12:01 PM | 0.3 | 12:01 PM | 0.0 | -0.3 | |
| 12:16 PM | 0.3 | 12:16 PM | 0.0 | -0.3 | |
| 12:31 PM | 0.3 | 12:31 PM | 0.0 | -0.3 | |
| 12:46 PM | 0.3 | 12:46 PM | 0.0 | -0.3 | |
| 1:01 PM | 0.3 | 1:01 PM | 0.0 | -0.3 | |
| 1:16 PM | 0.3 | 1:16 PM | 0.0 | -0.3 | |
| 1:31 PM | 0.3 | 1:31 PM | 0.0 | -0.3 | |
| 1:46 PM | 0.3 | 1:46 PM | 0.0 | -0.3 | |
| 2:01 PM | 0.3 | 2:01 PM | 0.0 | -0.3 | |
| 2:16 PM | 0.3 | 2:16 PM | 0.0 | -0.3 | |
| 2:31 PM | 0.3 | 2:31 PM | 0.0 | -0.3 | |
| 2:46 PM | 0.3 | 2:46 PM | 0.0 | -0.3 | |

**Notes:**

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.


1/21/2026
Morrisania East
(C203183)
MEAN WIND DIRECTION
SW @ 3 mph
N
downwind
Upwind
Meter
E 161 ST
E 160 ST
PARK AVE
RX-22
ETSB-03/ETMW-03
ETSV-06
RX-25
RX-21
RX-18
RX-24
RX-23
RX-19
RX-20
RX-5
ETSB-05/ETSV-05
RX-14
ETSB-11/ETMW-05
RX-13
ETSB-08/ETMW-04/ETSV-04
ETSB-09/ETSV-03
ETSB-02/ETMW-02
RX-6
RX-3
ETSB-10/ETSV-02
ETSB-04
RX-8G
RX-15
ETSB-06/ETSV-01
ETSB-01/ETMW-01
RX-17
ETSB-07
RX-16
RX-4
550-GALLON UST

ROUX

# DAILY SITE FIELD ACTIVITY REPORT

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/22/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 33-44°F, sunny, RH: 74% Pres: 30.01" Wind: West southwest @ 6 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:30 |

| **CONTRACTOR AND EQUIPMENT** | **PERSONNEL PRESENT AT SITE AND AFFILIATION:** |
|---|---|
| Drilling Contractor – Trinity Environmental<br>- 2x Personnel<br>- 1x Geoprobe 7720DT<br>Drilling Contractor – Coastal Environmental<br>- 1x Personnel | Emelia Pagano – Roux D.P.C. |

**SCOPE OF WORK:**

Roux D.P.C. (Roux) was onsite to complete implementation of the Remedial Investigation (RI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP), dated December 19, 2025.

**Description of work activities performed and general observations/comments:**

- Trinity Environmental (Trinity) completed utility pre-clearance to 5 feet below land surface (ft bls) at each soil boring location prior to advancement with the Geoprobe drill rig 7720DT.
- Trinity completed waste characterization locations B2-1, B2-2, B2-3, and B2-4.
- Roux inspected all recovered soil, recoded lithology, and screened with a photoionization detector (PID) for volatile organic compounds (VOCs).
- Roux installed Soil vapor point ETSV-06.
- Coastal completed well development and installed well covers.

**CAMP data evaluation:** CAMP was implemented from 07:45 – 14:45. There were no exceedances of particulate or volatile organic compound (VOC) action levels during this period.

**Offsite Disposal:** N/A

**Sampling Performed:**

| **Matrix** | **Sample ID** | **Analyses** |
|---|---|---|
| Soil | None | 8081B – Target Compound List (TCL)/Part 375 pesticides, 8082A – polychlorinated biphenyls (PCBs), 8270D - TCL/Part 375 semivolatile organic compounds (SVOCs) + 1,4-Dioxane, 6020B/7470A – Target Analyte List (TAL)/Part 375 metals + mercury, 9010C – total cyanide, 7196A - Hexavalent Chromium and Trivalent Chromium. |
| Soil | None | 8260C - TCL/Part 375 VOCs |
| Soil | None | 8260C - TCL/Part 375 VOCs, 8081B –TCL/Part 375 pesticides, 8082A – PCBs, 8270D - TCL/Part 375 SVOCs + 1,4-Dioxane, 6020B/7470A TAL/Part 375 metals + mercury, 9010C – total cyanide, 7196A - Hexavalent Chromium and Trivalent Chromium. |

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/22/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 33-44°F, sunny, RH: 74% Pres: 30.01" Wind: West southwest @ 6 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:30 |

| | | |
|---|---|---|
| Soil | None | 1633A per and polyfluoroalkyl substances PFAS – Standard List 40 |
| Soil | WC-B2 (0-7)<br>WC-B2 (7-14) | TCL/Soil Remediation Standards (SRS)/NYSDEC Part 375 SVOCs, pesticides, herbicides, PCBs, TCL/SRS/NYSDEC Part 375 metals, Resource Conservation and Recovery Act (RCRA) characteristics, Toxicity Characteristic Leaching Procedure (TCLP) metals, paint filter, New Jersey extractable petroleum hydrocarbons (NJEPH), and on hold - TCLP SVOCs, TCLP pesticides, and TCLP herbicides. |
| Soil | WC-B2-3 (0-2)<br>WC-B2-3 (10-12) | TCL/SRS/NYSDEC Part 375 VOCs, on hold - TCLP VOCs. |

**Upcoming work activities anticipated:**

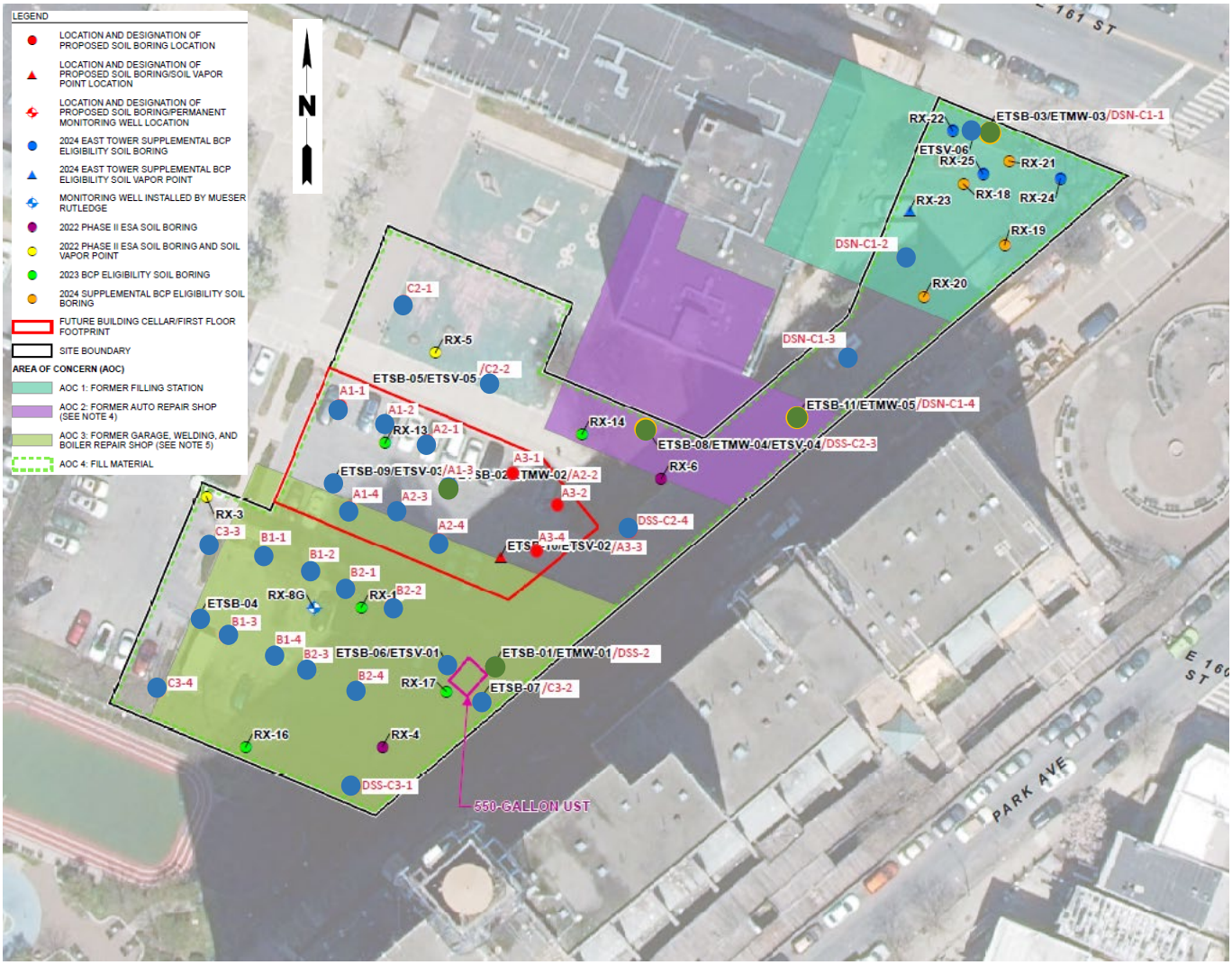
- Soil boring advancement will continue utilizing the Geoprobe drill rig.
- Roux will continue inspecting all recovered soil, recording lithology, and screening with a PID for VOCs. Soil samples will be collected at all waste characterization/RI locations.
- Roux will install soil vapor point.
- Roux will sample groundwater monitoring wells and soil vapor points.
- Mega Surveying and Engineering will survey permanent groundwater monitoring well locations following installation.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

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# DAILY SITE FIELD ACTIVITY REPORT

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/22/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 33-44°F, sunny, RH: 74% Pres: 30.01" Wind: West southwest @ 6 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:30 |




Legend

- RI location pre-cleared
- RI monitoring well location installed
- RI soil boring location complete

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry** |
| | | | **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/22/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 33-44°F, sunny, RH: 74% Pres: 30.01" Wind: West southwest @ 6 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:30 |

**PHOTOGRAPHS TAKEN TODAY: Morrisania East**



**Photo 1**: Looking north, view of completed soil boring B2-1.



**Photo 2:** Looking north, view of Coastal completed well cover to groundwater monitoring well ETMW-03, and Trinity installing soil vapor point ETSV-06.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry** |
| | | | **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

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**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/22/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 33-44°F, sunny, RH: 74% Pres: 30.01" Wind: West southwest @ 6 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:30 |



**Photo 3:** Looking east, view of the upwind CAMP station.



**Photo 4:** Looking south, view of the downwind CAMP station.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

**Roux Environmental Engineering and Geology, D.P.C.**
**Community Air Monitoring Program - DUST**

Project: Morrisania East (C203183)
PM: Lauren Dolginko
Location: E 161st Street, Bronx, NY
Date: 1/22/2026

Upwind Serial Number 8530130802
Downwind Serial Number 8530163514

| Upwind | | Downwind | | Corrected Downwind[1] | Comments |
|---|---|---|---|---|---|
| Time | Concentration [mg/m3] | Time | Concentration [mg/m3] | Concentration [mg/m3] | |
| 8:04 AM | 0.028 | 8:01 AM | 0.025 | -0.003 | |
| 8:19 AM | 0.029 | 8:16 AM | 0.024 | -0.005 | |
| 8:34 AM | 0.028 | 8:31 AM | 0.025 | -0.003 | |
| 8:49 AM | 0.031 | 8:46 AM | 0.026 | -0.005 | |
| 9:04 AM | 0.033 | 9:01 AM | 0.028 | -0.005 | |
| 9:19 AM | 0.035 | 9:16 AM | 0.029 | -0.006 | |
| 9:34 AM | 0.036 | 9:31 AM | 0.030 | -0.006 | |
| 9:49 AM | 0.038 | 9:46 AM | 0.032 | -0.006 | |
| 10:04 AM | 0.038 | 10:01 AM | 0.033 | -0.005 | |
| 10:19 AM | 0.039 | 10:16 AM | 0.033 | -0.006 | |
| 10:34 AM | 0.040 | 10:31 AM | 0.034 | -0.006 | |
| 10:49 AM | 0.036 | 10:46 AM | 0.032 | -0.004 | |
| 11:04 AM | 0.030 | 11:01 AM | 0.027 | -0.003 | |
| 11:19 AM | 0.031 | 11:16 AM | 0.027 | -0.004 | |
| 11:34 AM | 0.031 | 11:31 AM | 0.027 | -0.004 | |
| 11:49 AM | 0.029 | 11:46 AM | 0.027 | -0.002 | |
| 12:04 PM | 0.029 | 12:01 PM | 0.025 | -0.004 | |
| 12:19 PM | 0.028 | 12:16 PM | 0.024 | -0.004 | |
| 12:34 PM | 0.026 | 12:31 PM | 0.024 | -0.002 | |
| 12:49 PM | 0.025 | 12:46 PM | 0.023 | -0.002 | |
| 1:04 PM | 0.027 | 1:01 PM | 0.024 | -0.003 | |
| 1:19 PM | 0.027 | 1:16 PM | 0.025 | -0.002 | |
| 1:34 PM | 0.024 | 1:31 PM | 0.022 | -0.002 | |
| 1:49 PM | 0.024 | 1:46 PM | 0.021 | -0.003 | |
| 2:04 PM | 0.024 | 2:01 PM | 0.021 | -0.003 | |
| 2:19 PM | 0.024 | 2:16 PM | 0.021 | -0.003 | |
| 2:34 PM | 0.000 | 2:31 PM | 0.021 | 0.021 | |

**Notes:**

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.

**Roux Environmental Engineering and Geology, D.P.C.**
**Community Air Monitoring Program - VOC**

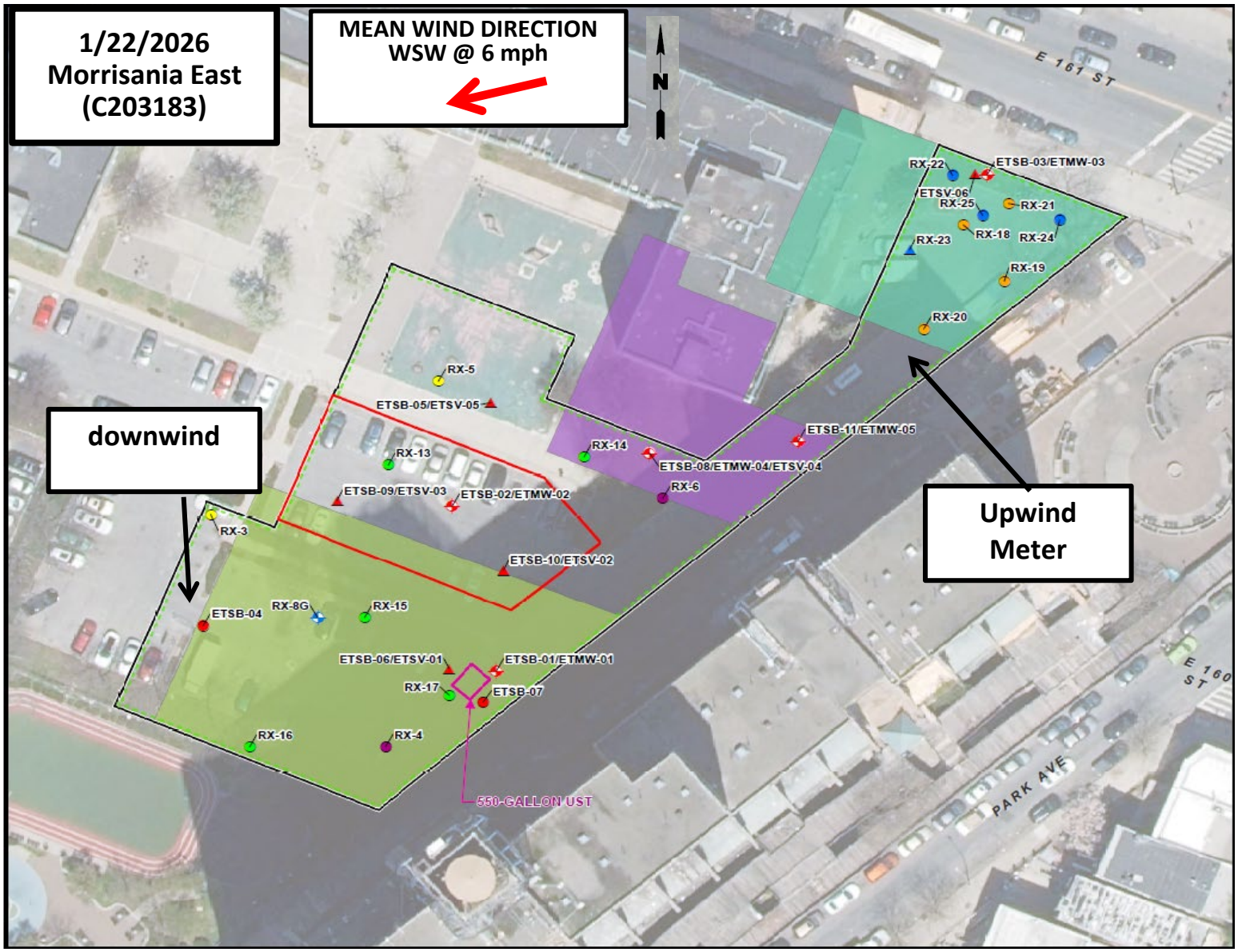
Project: Morrisania East (C203183)
PM: Lauren Dolginko
Location: E 161st Street, Bronx, NY
Date: 1/22/2026

Upwind Serial Number 592-604392
Downwind Serial Number 592-906598

| Upwind | | Downwind | | Corrected[1] Downwind | Comments |
|---|---|---|---|---|---|
| Time | VOC Average (ppm) | Time | VOC Average (ppm) | VOC Average (ppm) | |
| 8:07 AM | 0.0 | 8:06 AM | 0.0 | 0.0 | |
| 8:22 AM | 0.1 | 8:21 AM | 0.0 | -0.1 | |
| 8:37 AM | 0.1 | 8:36 AM | 0.0 | -0.1 | |
| 8:52 AM | 0.1 | 8:51 AM | 0.0 | -0.1 | |
| 9:07 AM | 0.1 | 9:06 AM | 0.1 | 0.0 | |
| 9:22 AM | 0.1 | 9:21 AM | 0.1 | 0.0 | |
| 9:37 AM | 0.2 | 9:36 AM | 0.1 | -0.1 | |
| 9:52 AM | 0.2 | 9:51 AM | 0.1 | -0.1 | |
| 10:07 AM | 0.2 | 10:06 AM | 0.1 | -0.1 | |
| 10:22 AM | 0.2 | 10:21 AM | 0.1 | -0.1 | |
| 10:37 AM | 0.2 | 10:36 AM | 0.1 | -0.1 | |
| 10:52 AM | 0.2 | 10:51 AM | 0.1 | -0.1 | |
| 11:07 AM | 0.2 | 11:06 AM | 0.1 | -0.1 | |
| 11:22 AM | 0.2 | 11:21 AM | 0.1 | -0.1 | |
| 11:37 AM | 0.2 | 11:36 AM | 0.1 | -0.1 | |
| 11:52 AM | 0.2 | 11:51 AM | 0.1 | -0.1 | |
| 12:07 PM | 0.2 | 12:06 PM | 0.1 | -0.1 | |
| 12:22 PM | 0.2 | 12:21 PM | 0.1 | -0.1 | |
| 12:37 PM | 0.3 | 12:36 PM | 0.1 | -0.2 | |
| 12:52 PM | 0.3 | 12:51 PM | 0.1 | -0.2 | |
| 1:07 PM | 0.3 | 1:06 PM | 0.1 | -0.2 | |
| 1:22 PM | 0.3 | 1:21 PM | 0.1 | -0.2 | |
| 1:37 PM | 0.3 | 1:36 PM | 0.1 | -0.2 | |
| 1:52 PM | 0.2 | 1:51 PM | 0.1 | -0.1 | |
| 2:07 PM | 0.2 | 2:06 PM | 0.1 | -0.1 | |
| 2:22 PM | 0.2 | 2:21 PM | 0.1 | -0.1 | |
| 12:00 AM | 0.3 | 2:36 PM | 0.1 | -0.2 | |
| 12:00 AM | 0.0 | 2:51 PM | 0.1 | 0.1 | |

**Notes:**

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.


1/22/2026
Morrisania East
(C203183)
MEAN WIND DIRECTION
WSW @ 6 mph
N
downwind
Upwind
Meter
E 161 ST
E 160 ST
PARK AVE
RX-22
ETSB-03/ETMW-03
ETSV-06
RX-25
RX-21
RX-18
RX-24
RX-23
RX-19
RX-20
RX-5
ETSB-05/ETSV-05
RX-14
ETSB-11/ETMW-05
RX-13
ETSB-08/ETMW-04/ETSV-04
ETSB-09/ETSV-03
ETSB-02/ETMW-02
RX-6
RX-3
ETSB-10/ETSV-02
ETSB-04
RX-8G
RX-15
ETSB-06/ETSV-01
ETSB-01/ETMW-01
RX-17
ETSB-07
RX-16
RX-4
550-GALLON UST

ROUX

# DAILY SITE FIELD ACTIVITY REPORT

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/23/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 27-35°F, Sunny, RH: 58% Pres: 30.17" Wind: West southwest @ 6 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:30 |

| **CONTRACTOR AND EQUIPMENT** | **PERSONNEL PRESENT AT SITE AND AFFILIATION:** |
|---|---|
| Drilling Contractor – Trinity Environmental<br>- 2x Personnel<br>- 1x Geoprobe 7720DT<br>Surveying Contractor – Mega Surveying and Engineering<br>- 2x Personnel | Emelia Pagano – Roux D.P.C. |

**SCOPE OF WORK:**

Roux D.P.C. (Roux) was onsite to complete implementation of the Remedial Investigation (RI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP), dated December 19, 2025.

**Description of work activities performed and general observations/comments:**

- Trinity Environmental (Trinity) completed utility pre-clearance to 5 feet below land surface (ft bls) at each soil boring location prior to advancement with the Geoprobe drill rig 7720DT.
- Trinity completed waste characterization locations A3-1, A3-2, A3-3, and A3-4 and remedial investigation boring ETSB-10.
- Roux inspected all recovered soil, recoded lithology, and screened with a photoionization detector (PID) for volatile organic compounds (VOCs).
- Roux installed Soil vapor point ETSV-02.
- Mega Surveying and Engineering performed surveying of all monitoring wells and soil vapor points.

**CAMP data evaluation:** CAMP was implemented from 07:45 – 14:00. There were no exceedances of particulate or volatile organic compound (VOC) action levels during this period.

**Offsite Disposal:** N/A

**Sampling Performed:**

| **Matrix** | **Sample ID** | **Analyses** |
|---|---|---|
| Soil | ETSB-10 (0-2 inches) | 8081B – Target Compound List (TCL)/Part 375 pesticides, 8082A – polychlorinated biphenyls (PCBs), 8270D - TCL/Part 375 semivolatile organic compounds (SVOCs) + 1,4-Dioxane, 6020B/7470A – Target Analyte List (TAL)/Part 375 metals + mercury, 9010C – total cyanide, 7196A - Hexavalent Chromium and Trivalent Chromium. |
| Soil | ETSB-10 (2-6 inches) | 8260C - TCL/Part 375 VOCs |
| Soil | ETSB-10 (2-4)<br>ETSB-10 (6-8) On Hold<br>ETSB-10 (9-11) On Hold<br>ETSB-10 (11-13) | 8260C - TCL/Part 375 VOCs, 8081B –TCL/Part 375 pesticides, 8082A – PCBs, 8270D - TCL/Part 375 SVOCs + 1,4-Dioxane, 6020B/7470A TAL/Part 375 metals + mercury, 9010C – total cyanide, 7196A - Hexavalent Chromium and Trivalent Chromium. |

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/23/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 27-35°F, Sunny, RH: 58% Pres: 30.17" Wind: West southwest @ 6 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:30 |

| | | |
|---|---|---|
| Soil | ETSB-10 (2-4)_P | 1633A per and polyfluoroalkyl substances PFAS – Standard List 40 |
| Soil | WC-A3 (0-10)<br>WC-A3 (10-13) | TCL/Soil Remediation Standards (SRS)/NYSDEC Part 375 SVOCs, pesticides, herbicides, PCBs, TCL/SRS/NYSDEC Part 375 metals, Resource Conservation and Recovery Act (RCRA) characteristics, Toxicity Characteristic Leaching Procedure (TCLP) metals, paint filter, New Jersey extractable petroleum hydrocarbons (NJEPH), and on hold - TCLP SVOCs, TCLP pesticides, and TCLP herbicides. |
| Soil | WC-A3-1 (0-2)<br>WC-A3-1 (9-11) | TCL/SRS/NYSDEC Part 375 VOCs, on hold - TCLP VOCs. |

**Upcoming work activities anticipated:**

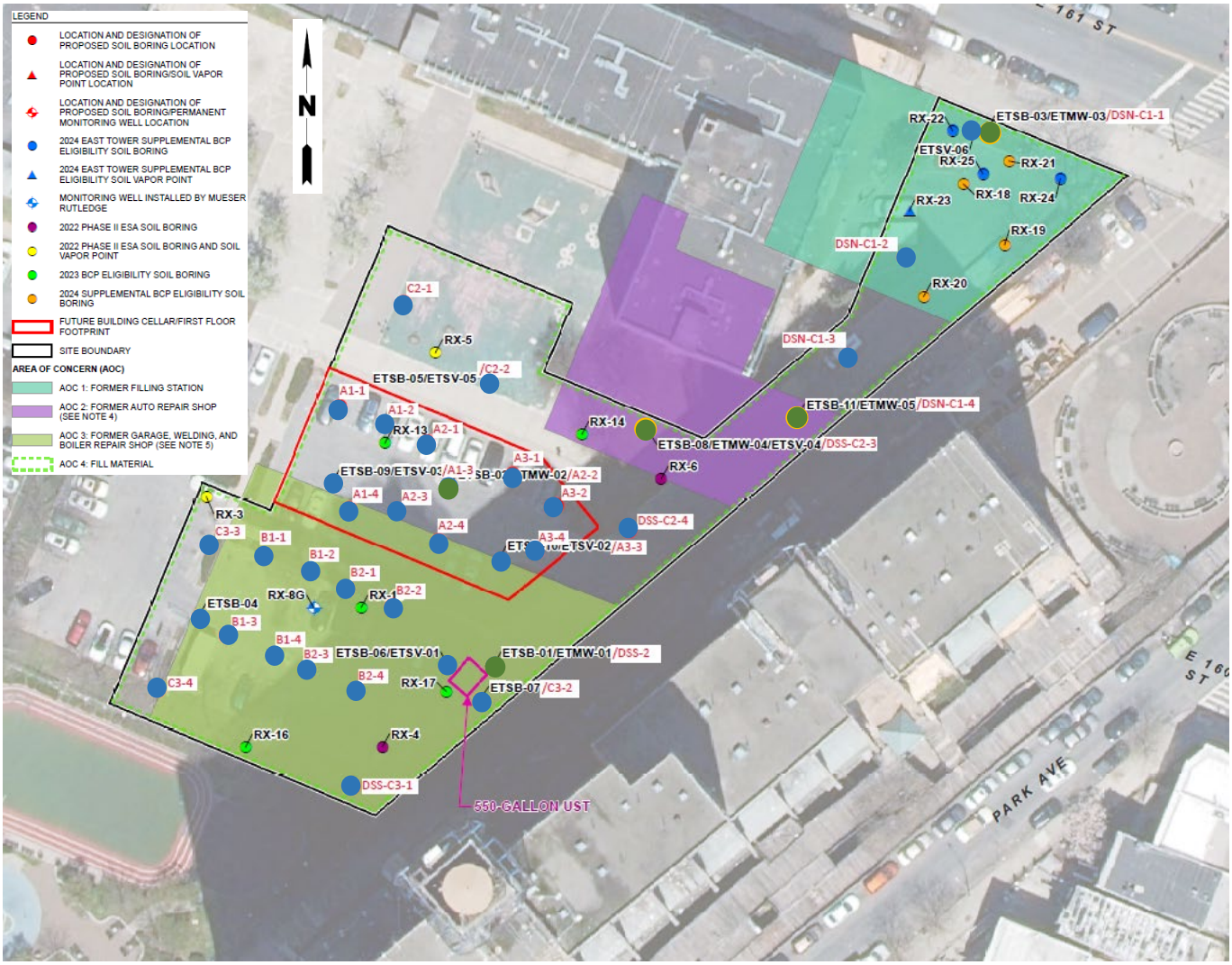
- Soil boring advancement will continue utilizing the Geoprobe drill rig.
- Roux will continue inspecting all recovered soil, recording lithology, and screening with a PID for VOCs. Soil samples will be collected at all waste characterization/RI locations.
- Roux will install soil vapor point.
- Roux will sample groundwater monitoring wells and soil vapor points.
- Mega Surveying and Engineering will survey permanent groundwater monitoring well locations following installation.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

# DAILY SITE FIELD ACTIVITY REPORT

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/23/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 27-35°F, Sunny, RH: 58% Pres: 30.17" Wind: West southwest @ 6 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:30 |




Legend

- RI location pre-cleared
- RI monitoring well location installed
- RI soil boring location complete

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/23/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 27-35°F, Sunny, RH: 58% Pres: 30.17" Wind: West southwest @ 6 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:30 |

**PHOTOGRAPHS TAKEN TODAY: Morrisania East**



**Photo 1**: View of Trinity drilling soil boring A3-3.



**Photo 2:** Looking southeast, view completed soil vapor point ETSV-02.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry** |
| | | | **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/23/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 27-35°F, Sunny, RH: 58% Pres: 30.17" Wind: West southwest @ 6 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:30 |



**Photo 3:** Looking north, view of site conditions



**Photo 4:** View of soil boring ETSB-10.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry** |
| | | | **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

**Roux Environmental Engineering and Geology, D.P.C.**
**Community Air Monitoring Program - DUST**

Project: Morrisania East (C203183)
PM: Lauren Dolginko
Location: E 161st Street, Bronx, NY
Date: 1/23/2026

Upwind Serial Number 8530130802
Downwind Serial Number 8530163514

| Upwind | | Downwind | | Corrected Downwind[1] | Comments |
|---|---|---|---|---|---|
| Time | Concentration [mg/m3] | Time | Concentration [mg/m3] | Concentration [mg/m3] | |
| 8:10 AM | 0.011 | 8:07 AM | 0.014 | 0.003 | |
| 8:25 AM | 0.012 | 8:22 AM | 0.010 | -0.002 | |
| 8:40 AM | 0.015 | 8:37 AM | 0.011 | -0.004 | |
| 8:55 AM | 0.015 | 8:52 AM | 0.012 | -0.003 | |
| 9:10 AM | 0.015 | 9:07 AM | 0.013 | -0.002 | |
| 9:25 AM | 0.011 | 9:22 AM | 0.010 | -0.001 | |
| 9:40 AM | 0.013 | 9:37 AM | 0.012 | -0.001 | |
| 9:55 AM | 0.015 | 9:52 AM | 0.013 | -0.002 | |
| 10:10 AM | 0.015 | 10:07 AM | 0.013 | -0.002 | |
| 10:25 AM | 0.013 | 10:22 AM | 0.012 | -0.001 | |
| 10:40 AM | 0.013 | 10:37 AM | 0.012 | -0.001 | |
| 10:55 AM | 0.013 | 10:52 AM | 0.012 | -0.001 | |
| 11:10 AM | 0.013 | 11:07 AM | 0.012 | -0.001 | |
| 11:25 AM | 0.014 | 11:22 AM | 0.012 | -0.002 | |
| 11:40 AM | 0.013 | 11:37 AM | 0.012 | -0.001 | |
| 11:55 AM | 0.014 | 11:52 AM | 0.013 | -0.001 | |
| 12:10 PM | 0.013 | 12:07 PM | 0.012 | -0.001 | |
| 12:25 PM | 0.013 | 12:22 PM | 0.012 | -0.001 | |
| 12:40 PM | 0.012 | 12:37 PM | 0.012 | 0.000 | |
| 12:55 PM | 0.012 | 12:52 PM | 0.012 | 0.000 | |
| 1:10 PM | 0.013 | 1:07 PM | 0.013 | 0.000 | |
| 1:25 PM | 0.014 | 1:22 PM | 0.013 | -0.001 | |
| 1:40 PM | 0.014 | 1:37 PM | 0.013 | -0.001 | |
| 1:55 PM | 0.012 | 1:52 PM | 0.012 | 0.000 | |

**Notes:**

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.

**Roux Environmental Engineering and Geology, D.P.C.**
**Community Air Monitoring Program - VOC**

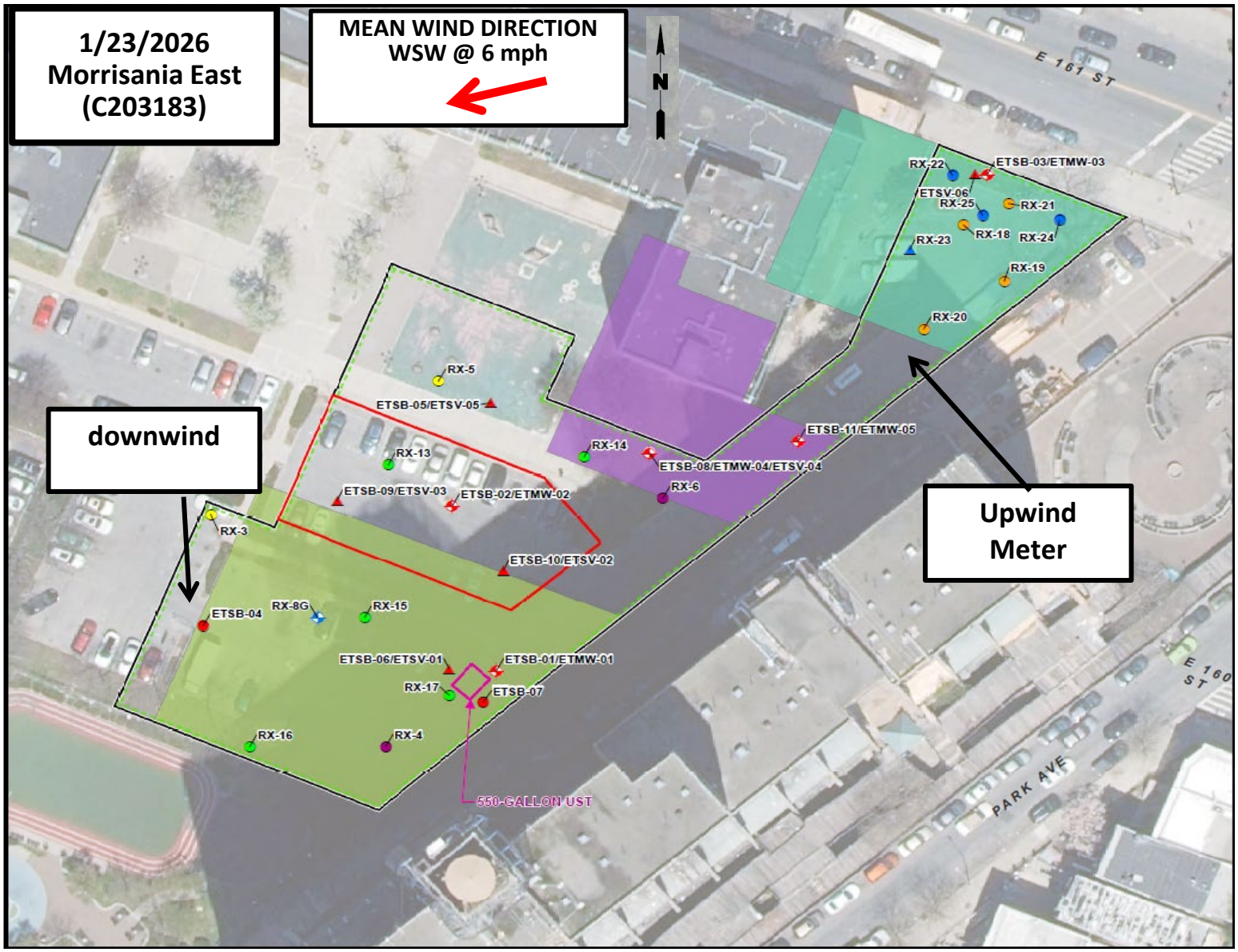
Project: Morrisania East (C203183)
PM: Lauren Dolginko
Location: E 161st Street, Bronx, NY
Date: 1/23/2026

Upwind Serial Number 592-604392
Downwind Serial Number 592-906598

| Upwind | | Downwind | | Corrected[1] Downwind | Comments |
|---|---|---|---|---|---|
| Time | VOC Average (ppm) | Time | VOC Average (ppm) | VOC Average (ppm) | |
| 8:14 AM | 0.0 | 8:13 AM | 0.0 | 0.0 | |
| 8:29 AM | 0.0 | 8:28 AM | 0.0 | 0.0 | |
| 8:44 AM | 0.1 | 8:43 AM | 0.0 | -0.1 | |
| 8:59 AM | 0.1 | 8:58 AM | 0.0 | -0.1 | |
| 9:14 AM | 0.1 | 9:13 AM | 0.0 | -0.1 | |
| 9:29 AM | 0.2 | 9:28 AM | 0.0 | -0.2 | |
| 9:44 AM | 0.2 | 9:43 AM | 0.0 | -0.2 | |
| 9:59 AM | 0.2 | 9:58 AM | 0.0 | -0.2 | |
| 10:14 AM | 0.2 | 10:13 AM | 0.0 | -0.2 | |
| 10:29 AM | 0.2 | 10:28 AM | 0.0 | -0.2 | |
| 10:44 AM | 0.2 | 10:43 AM | 0.0 | -0.2 | |
| 10:59 AM | 0.2 | 10:58 AM | 0.0 | -0.2 | |
| 11:14 AM | 0.2 | 11:13 AM | 0.0 | -0.2 | |
| 11:29 AM | 0.2 | 11:28 AM | 0.0 | -0.2 | |
| 11:44 AM | 0.2 | 11:43 AM | 0.0 | -0.2 | |
| 11:59 AM | 0.2 | 11:58 AM | 0.0 | -0.2 | |
| 12:14 PM | 0.3 | 12:13 PM | 0.0 | -0.3 | |
| 12:29 PM | 0.3 | 12:28 PM | 0.0 | -0.3 | |
| 12:44 PM | 0.3 | 12:43 PM | 0.0 | -0.3 | |
| 12:59 PM | 0.3 | 12:58 PM | 0.0 | -0.3 | |
| 1:14 PM | 0.3 | 1:13 PM | 0.0 | -0.3 | |
| 1:29 PM | 0.3 | 1:28 PM | 0.0 | -0.3 | |
| 1:44 PM | 0.3 | 1:43 PM | 0.0 | -0.3 | |
| 1:59 PM | 0.3 | 1:58 PM | 0.0 | -0.3 | |

**Notes:**

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.


1/23/2026
Morrisania East
(C203183)
MEAN WIND DIRECTION
WSW @ 6 mph
N
downwind
Upwind
Meter
E 161 ST
E 160 ST
PARK AVE
RX-22
ETSB-03/ETMW-03
ETSV-06
RX-25
RX-21
RX-18
RX-24
RX-23
RX-19
RX-20
RX-5
ETSB-05/ETSV-05
RX-14
ETSB-11/ETMW-05
RX-13
ETSB-08/ETMW-04/ETSV-04
ETSB-09/ETSV-03
ETSB-02/ETMW-02
RX-6
RX-3
ETSB-10/ETSV-02
ETSB-04
RX-8G
RX-15
ETSB-06/ETSV-01
ETSB-01/ETMW-01
RX-17
ETSB-07
RX-16
RX-4
550-GALLON UST

ROUX

# DAILY SITE FIELD ACTIVITY REPORT

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/29/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 6-21°F, Mostly sunny, RH: 51% Pres: 30.11" Wind: WNW southwest @ 12-23 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 17:15 |

| CONTRACTOR AND EQUIPMENT | PERSONNEL PRESENT AT SITE AND AFFILIATION: |
|---|---|
| Drilling Contractor – No contractor on Site. | Ronnie Reynoso – Roux D.P.C.<br>Elizabeth Murphy – Roux D.P.C.<br>Patrick Perry – Roux D.P.C. |

**SCOPE OF WORK:**

Roux D.P.C. (Roux) was onsite to complete implementation of the Remedial Investigation (RI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP), dated December 19, 2025.

**Description of work activities performed and general observations/comments:**

- Roux, DCP arrived on site and located monitoring wells and soil vapor points previously installed on the Morrisania east Site.
- Roux gauged all monitoring wells on the Morrisania East site prior to sampling.
- A total of six (6) Soil vapor samples were collected at each soil vapor location and one (1) ambient air sample on Site using 6 L Summa cannisters fitted with flow controllers calibrated for 8-hour sample collection period.
- Standard soil vapor sampling procedures were followed for gas leak testing at each soil vapor location.
- Groundwater sampling was conducted using low flow purge methods via a peristaltic pump, and a Horiba flow cell was used to measure water quality parameters over five-minute intervals until stabilization was achieved.
- One (1) groundwater sample was collected at well ETMW-03.
- ETMW-05 was purged and stabilization of water quality parameters was achieved; however, prior to sampling the well ran dry. Thus, no sample was collected at ETMW-05.
- A field blank was collected and submitted for analysis.
- Due to decreased performance and freezing of groundwater sampling equipment, the remaining groundwater samples could not be collected.
- Roux gauged the monitoring wells available on the Morrisania West site.

**CAMP data evaluation:** CAMP was not implemented during the reporting period.

**Offsite Disposal:** Of-Site disposal did not occur during the reporting period.

**Sampling Performed:**

- Soil vapor and ambient air samples were submitted to Eurofins Laboratory for EPA TO-15 analysis.
- Groundwater samples were submitted to Eurofins Laboratory for 8260C - TCL/Part 375 VOCs, 8081B –TCL/Part 375 pesticides, 8082A –PCBs, 8270D - TCL/Part 375 SVOCs + 1,4-Dioxane, 6020B/7470A TAL/Part 375 metals + mercury, 9010C – total cyanide, 7196A - Hexavalent Chromium and Trivalent Chromium, and NYSDEC Part 375 TCL/TAL and PFAS analysis.

**Upcoming work activities anticipated:**

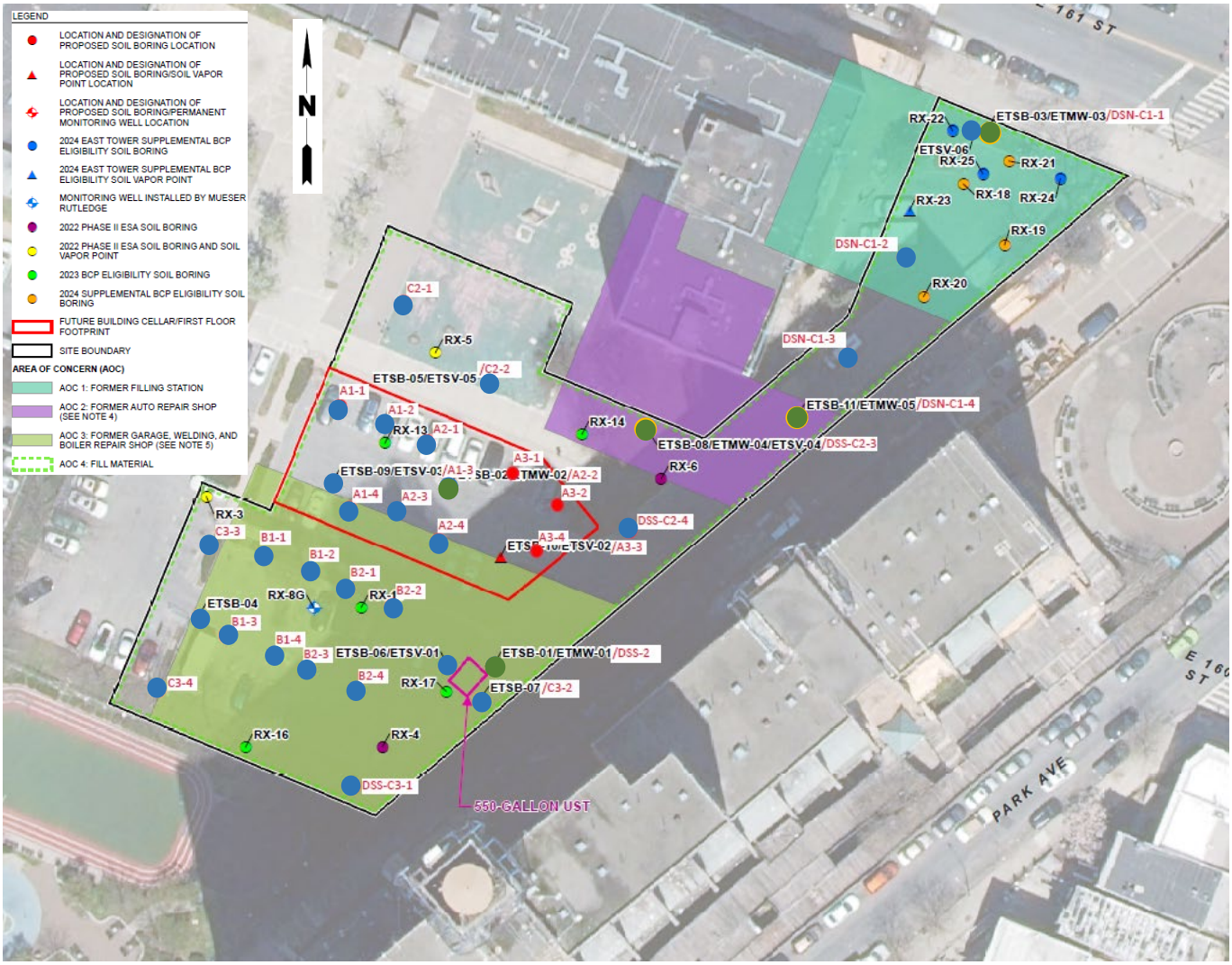
- Groundwater sampling of remaining monitoring wells on East Morrisania Site.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Ronnie Reynoso-Gomez**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

# DAILY SITE FIELD ACTIVITY REPORT

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/29/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 6-21°F, Mostly sunny, RH: 51% Pres: 30.11" Wind: WNW southwest @ 12-23 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 17:15 |




Legend

- RI location pre-cleared
- RI monitoring well location
- RI soil boring location

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Ronnie Reynoso-Gomez** |
| | | | **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/29/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 6-21°F, Mostly sunny, RH: 51% Pres: 30.11" Wind: WNW southwest @ 12-23 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 17:15 |

**PHOTOGRAPHS TAKEN TODAY: Morrisania East**



**Photo 1**: Looking southwest, view of Site at the start of the day.



**Photo 2:** Looking southwest, view of ETSV-03 during soil vapor sampling.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Ronnie Reynoso-Gomez** |
| | | | **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 1/29/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 6-21°F, Mostly sunny, RH: 51% Pres: 30.11" Wind: WNW southwest @ 12-23 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 17:15 |




**Photo 3:** Looking northeast, view of low flow purge set up on well ID ETMW-05.



**Photo 4:** Looking northwest, view of WTMW-01 prior to being gauged using an oil/water interface probe.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Ronnie Reynoso-Gomez** |
| | | | **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 2/11/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 34-41°F, Cloudy, RH: 55% Pres: 29.74" Wind: SE @ 3-11 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:00 |

| **CONTRACTOR AND EQUIPMENT** | **PERSONNEL PRESENT AT SITE AND AFFILIATION:** |
|---|---|
| Drilling Contractor – No contractor on Site. | Maxwell Tanner – Roux D.P.C.<br>Patrick Perry – Roux D.P.C. |

**SCOPE OF WORK:**

Roux D.P.C. (Roux) was onsite to complete implementation of the Remedial Investigation (RI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP), dated December 19, 2025.

**Description of work activities performed and general observations/comments:**

- Roux gauged all monitoring wells on the Morrisania East site prior to sampling.
- Groundwater sampling was conducted using low flow purge methods via a peristaltic pump, and a Horiba flow cell was used to measure water quality parameters over five-minute intervals until stabilization was achieved.
- Four (4) groundwater sample for RI parameters was collected at well ETMW-01, ETMW-02, ETMW-04, and ETMW-05.
- ETMW-03 was resampled for total and dissolved metals due to the lab unable to run the sample collected on January 29, 2026 for total and dissolved metals.
- Purge water generated as part of the investigation was drummed in 55-gallon United Nations/Department of Transportation (UN/DOT) rated drums, labeled, and stored onsite pending laboratory results. Disposal will be coordinated within 30 days of receipt of laboratory results and drums will be disposed of at a facility certified for handling the contaminated waste.

**CAMP data evaluation:** CAMP was not implemented during the reporting period.

**Offsite Disposal:** Of-Site disposal did not occur during the reporting period.

**Sampling Performed:**

- Groundwater samples ETMW-01, ETMW-02, ETMW-04, and ETMW-05 were submitted to Eurofins Laboratory for 8260C - TCL/Part 375 VOCs, 8081B –TCL/Part 375 pesticides, 8082A –PCBs, 8270D - TCL/Part 375 SVOCs + 1,4-Dioxane, 6020B/7470A TAL/Part 375 metals + mercury (total and dissolved), 9010C – total cyanide, 7196A - Hexavalent Chromium and Trivalent Chromium, and NYSDEC Part 375 TCL/TAL and PFAS analysis.
- Groundwater sample ETMW-03 was collected for 6020B/7470A TAL/Part 375 metals + mercury (total and dissolved) Hexavalent Chromium and Trivalent Chromium.

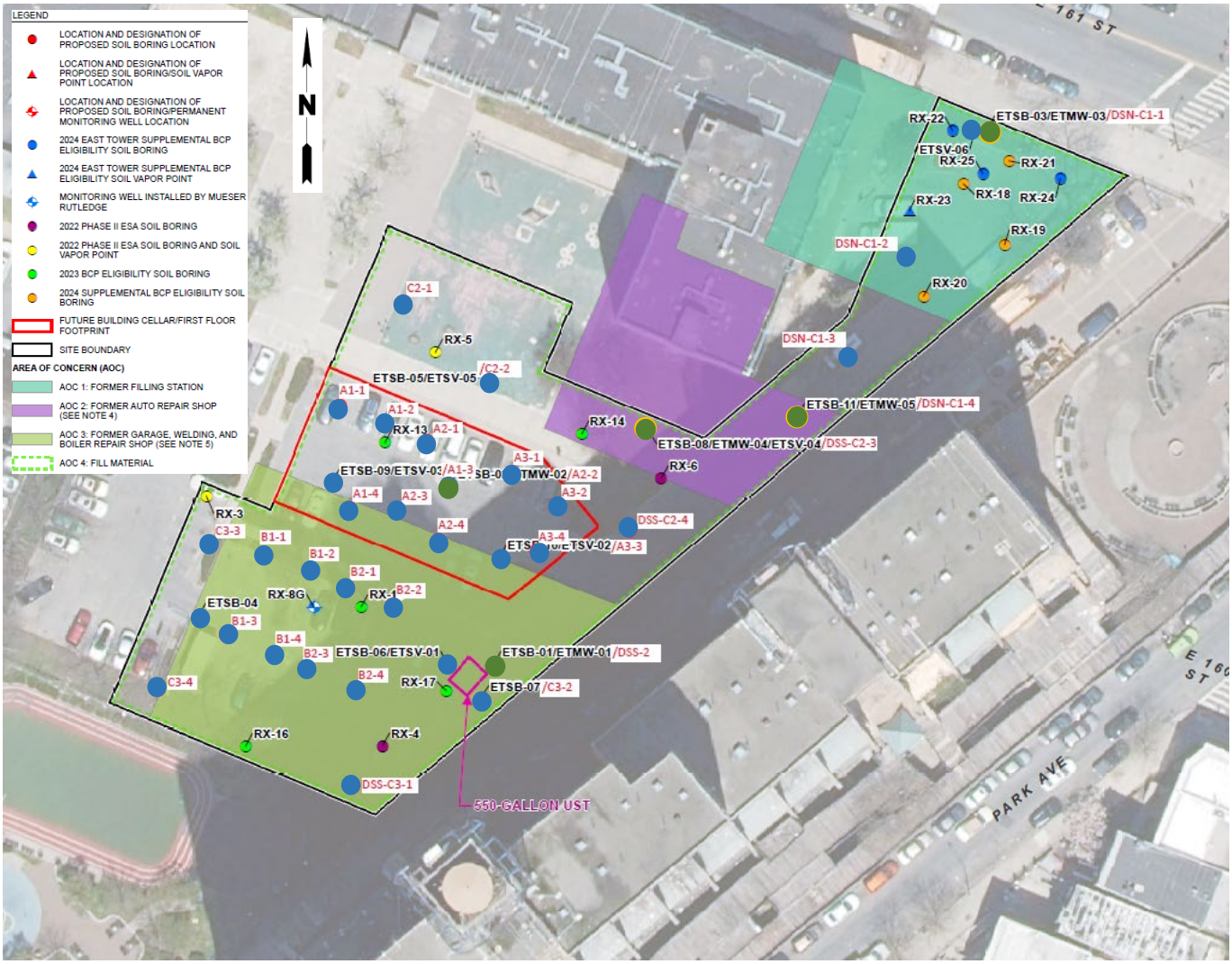
**Upcoming work activities anticipated:**

- None

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 2/11/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 34-41°F, Cloudy, RH: 55% Pres: 29.74" Wind: SE @ 3-11 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:00 |




Legend

- RI location pre-cleared
- RI monitoring well location
- RI soil boring location

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 2/11/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 34-41°F, Cloudy, RH: 55% Pres: 29.74" Wind: SE @ 3-11 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:00 |

**PHOTOGRAPHS TAKEN TODAY: Morrisania East**



**Photo 1**: Looking east, view of ETMW-03.



**Photo 2:** Looking west, view of site conditions

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

ROUX

**DAILY SITE FIELD ACTIVITY REPORT**

| | | | | |
|---|---|---|---|---|
| **PROJECT NO.:** | 3868.0005Y000 | **CLIENT:** | **DATE:** | 2/11/2026 |
| **PROJECT:** | Morrisania East (C203183) | TEG Morrisania Development LLC | **WEATHER:** | Temp: 34-41°F, Cloudy, RH: 55% Pres: 29.74" Wind: SE @ 3-11 mph |
| **LOCATION:** | E 161st Street, Bronx, NY | | **TIME:** | 07:00 – 15:00 |




**Photo 3:** Looking northeast, view of low flow purge set up on ETMW-04.

| | | | |
|---|---|---|---|
| Approved: | Lauren Dolginko | By: | **Patrick Perry**<br>**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.** |

# APPENDIX E

Geophysical Survey Report

# GEOPHYSICAL ENGINEERING SURVEY REPORT

Residential Site
280 East 161st Street,
Brooklyn, New York 10451

**NOVA PROJECT NUMBER:**
23-3362

**DATED:**
December 22, 2023

**PREPARED FOR:**

ROUX
209 Shafter Street Islandia, New York 11749
www.rouxinc.com

**PREPARED BY:**

NOVA
GEOPHYSICAL
ENGINEERING
Subsurface Mapping Solutions
56-01 Marathon Parkway # 765
Douglaston, New York 11362
347-556-7787 (PHONE)
718-261-1527(FAX)
www.nova-gsi.com

# NOVA GEOPHYSICAL SERVICES

SUBSURFACE MAPPING SOLUTIONS
5601 Marathon Parkway, # 765, Douglaston, New York 11362
Ph. 347.556.7787 E. info@novagsi.com
www.novagsi.com


December 22, 2023


Lauren Dolginko | Senior Geologist
ROUX
209 Shafter Street, Islandia, New York 11749
P:(631)232-2600
D: 631.630.2415
M: (631)697-2773
E: ldolginko@rouxinc.com


Re: Geophysical Engineering Survey (GES) Report
Residential Site
280 East 161st Street,
Brooklyn, New York 10451

Dear Ms. Dolginko;

Nova Geophysical Services (NOVA) is pleased to provide the findings of the geophysical engineering survey (GES) at the above referenced project site: 280 East 161st Street, Brooklyn, New York (the "Site").

## INTRODUCTION TO GEOPHYSICAL ENGINEERING SURVEY (GES)

NOVA performed a geophysical engineering survey (GES) consisting of a Ground Penetrating Radar (GPR) and Electromagnetic (EM) survey at the site. The purpose of this survey is to locate and identify utilities, underground storage tanks (USTs) and other substructures in the vicinity of proposed boring locations on December 18th, 2023.

The equipment selected for this investigation was a Sensors and Software NOGGIN 250 MHz ground penetrating radar (GPR) with a shielded antenna and a RadioDetection RD7100 Electromagnetic utility locator. A GPR system consists of a radar control unit, control cable, and transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 250 MHz. The trigger pulse is sent to the

transmitter electronics in the transducer via the control cable. The transmitter electronics amplify the trigger pulse into bipolar pulses that are radiated to the surface. The transformed pulses vary in shape and frequency according to the transducer used. In the subsurface, variations of the signal occur at boundaries where there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit and are represented as color graphic images for interpolation.

A typical electromagnetic (EM) utility locating system consists of a transmitter unit and a receiver unit. The receiver unit can be used independently of the transmitter unit in order to detect utility lines with an inherent EM signature (electric utility lines, water lines, etc.). If needed a current at a specific frequency can also be placed on a utility that is being located. This can be done via the transmitter unit by either direct connection or induction via an EM field varying at specific frequency. The receiver unit is then set to the selected frequency and the electromagnetic field created by the current running through the utility can be located allowing the utility to be marked.

## GEOPHYSICAL METHODS

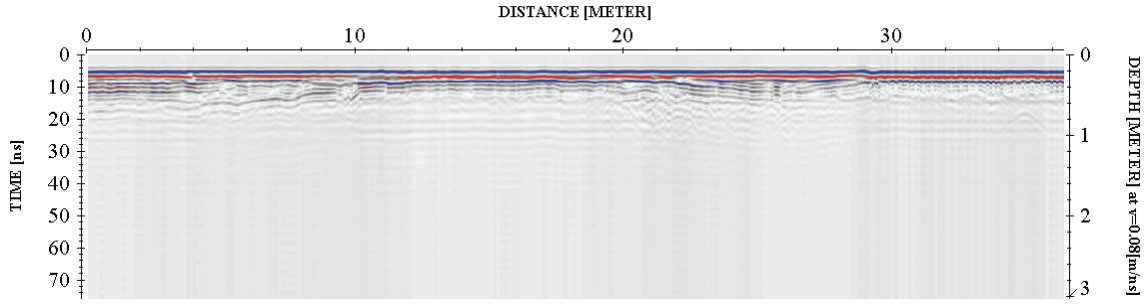
The project site was screened using GPR to search the specified area and inspected for reflections, which could be indicative of substructures and utilities within the subsurface. An EM utility locator was used to help determine the locations of utilities within the survey area.

EM data was collected and interpreted on site and suspected utilities marked as needed. GPR data profiles were collected for the areas of the Site specified by the client and processed as specified below.

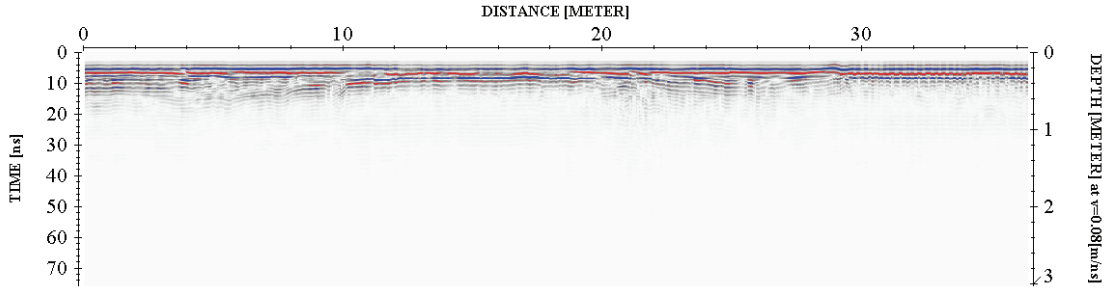
## DATA PROCESSING

To improve the quality of the results and to better identify anomalies NOVA processed the collected data. The processing workflow is briefly described in this section.

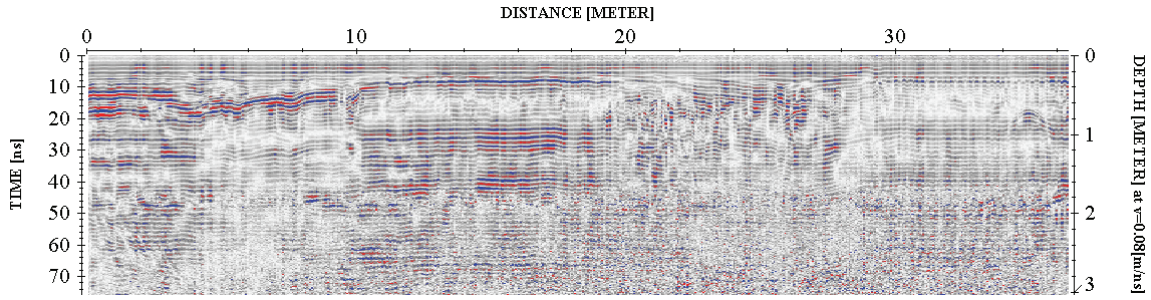
**Step 1.** Import Raw RAMAC data to standard processing format



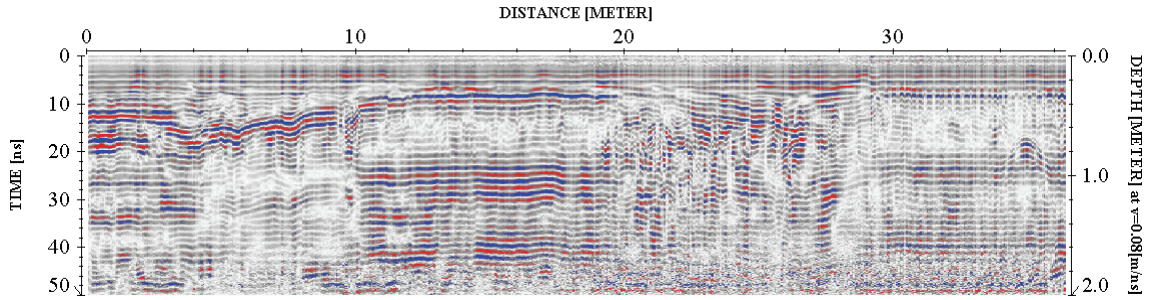
**Step 2.** Remove instrument noise *(dewow)*



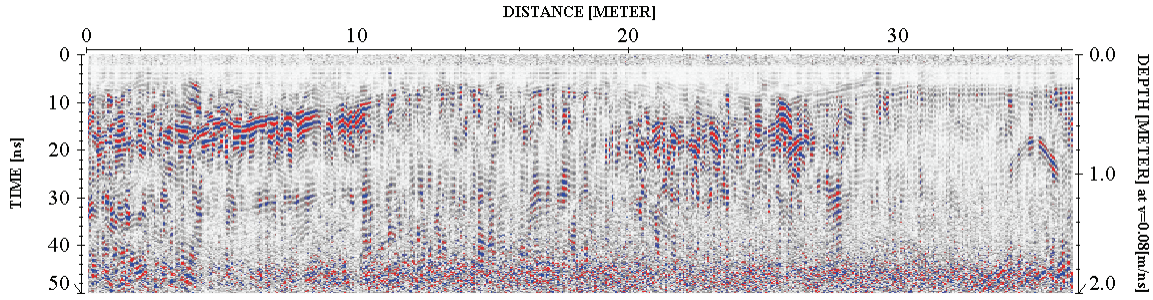

**Step 3.** Correct for attenuation losses *(energy decay function)*




**Step 4.** Remove static from bottom of profile *(time cut)*




**Step 5.** Mute horizontal ringing/noise *(subtracting average)*




The above example shows the significance of data processing. The last image (step 5) has higher resolution than the starting image (raw data – step 1) and represents the subsurface anomalies much more accurately.

# PHYSICAL SETTINGS

NOVA observed the following physical conditions at the time of the survey.

**Weather:** Rainy

**Temperature:** 45° F

**Surface:** Concrete, Asphalt, Vegetation

**Survey Parameters:** A ground penetrating radar (GPR) grid scan was conducted within the survey area as shown in the survey plan. The line spacing of the grid survey was approximately 2'. Additional GPR data was collected over features of interest and proposed boring locations. A utility locator was used in conjunction with GPR throughout the survey area.

**Limitations:** The geophysical noise level (GNL) at the site was high due to being in an urban environment, multiple layers of pavement at the site, and other unknown anthropogenic sources. The approximate depth of penetration of the GPR was 3 feet below ground surface (BGS), structures below this depth may not have been located during the GES.

# RESULTS

The results of the geophysical engineering survey (GES) identified the following at the project site:

- Anomalies resembling potential subsurface utilities (such as water, sewer, storm sewer and electric) were identified within the surveyed areas. Anomalies resembling potential subsurface utilities were identified but could not be connected to known utilities. The approximate locations are shown in the survey plan.
- The GES identified multiple geophysical anomalies resembling potential underground storage tanks (USTs) at the asphalt paved portion of the site. Associated lines (such as vent lines, fuel feed, fuel return, and conduit) were also identified. The approximate locations are shown in the survey plan.
- The GES also identified scattered anomalies located throughout the site. Based on their reflection rate and proximity, none of these anomalies consisted of any major anomalies. The approximate locations are shown in the survey plan.
- NOVA cleared and marked all proposed boring areas at the site.

If you have any questions, please do not hesitate to contact the undersigned.

Sincerely,

**NOVA Geophysical Services**



Levent Eskicakit, P.G., E.P.

Project Manager

**Attachments:**

Location Map

Survey Plan

Geophysical Images




**NOVA**
Geophysical Services
**Subsurface Mapping Solutions**
56-01 Marathon Parkway, # 765
Douglaston, New York 11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.novagsi.com

## Location Map

| | |
|---|---|
| SITE: | **Residential Site**<br>280 East 161st Street<br>Brooklyn, New York 10451 |
| CLIENT: | Roux |
| DATE: | December 18, 2023 |
| AUTH: | Raymond Looney |

## LEGEND




**NOVA**
Geophysical Services
**Subsurface Mapping Solutions**
56-01 Marathon Parkway, # 765
Douglaston, New York 11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.novagsi.com

## SURVEY PLAN

| | |
|---|---|
| SITE: | **Residential Site**<br>280 East 161st Street<br>Brooklyn, New York 10451 |
| CLIENT: | Roux |
| DATE: | December 18, 2023 |
| AUTH: | Raymond Looney |

## LEGEND

- Survey Area
- Water
- Electric
- Unknown Utility
- Sewer
- Storm Drain
- Geophysical Anomalies
- Scattered Anomalies

# GEOPHYSICAL SURVEY IMAGES

Residential Site

280 East 161st Street, Brooklyn, NY 10451

December 18th, 2023



# GEOPHYSICAL SURVEY IMAGES

Residential Site

280 East 161st Street, Brooklyn, NY 10451

December 18th, 2023









# GEOPHYSICAL SURVEY IMAGES

Residential Site

280 East 161st Street, Brooklyn, NY 10451

December 18th, 2023









# GEOPHYSICAL SURVEY IMAGES

Residential Site

280 East 161st Street, Brooklyn, NY 10451

December 18th, 2023









# GEOPHYSICAL SURVEY IMAGES

Residential Site

280 East 161st Street, Brooklyn, NY 10451

December 18th, 2023









# GEOPHYSICAL SURVEY IMAGES

Residential Site
280 East 161st Street, Brooklyn, NY 10451
December 18th, 2023









# GEOPHYSICAL SURVEY IMAGES

Residential Site
280 East 161st Street, Brooklyn, NY 10451
December 18th, 2023









# GEOPHYSICAL SURVEY IMAGES

Residential Site
280 East 161st Street, Brooklyn, NY 10451
December 18th, 2023









# GEOPHYSICAL SURVEY IMAGES

Residential Site

280 East 161st Street, Brooklyn, NY 10451

December 18th, 2023









# GEOPHYSICAL SURVEY IMAGES

Residential Site

280 East 161st Street, Brooklyn, NY 10451

December 18th, 2023









# GEOPHYSICAL SURVEY IMAGES

Residential Site
280 East 161st Street, Brooklyn, NY 10451
December 18th, 2023







# GEOPHYSICAL ENGINEERING SURVEY REPORT

Residential Complex Site
280 East 161st Street,
Brooklyn, New York 10451

**NOVA PROJECT NUMBER:**
23-3362

**DATED:**
December 20, 2024

**PREPARED FOR:**

ROUX

209 Shafter Street Islandia, New York 11749
www.rouxinc.com

**PREPARED BY:**

NOVA
GEOPHYSICAL
ENGINEERING
Subsurface Mapping Solutions
56-01 Marathon Parkway # 765
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718-261-1527(FAX)
www.nova-gsi.com

# NOVA GEOPHYSICAL SERVICES

SUBSURFACE MAPPING SOLUTIONS
5601 Marathon Parkway, # 765, Douglaston, New York 11362
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February 20, 2024

Lauren Dolginko | Senior Geologist
ROUX
209 Shafter Street, Islandia, New York 11749
D: 631.630.2415 M: (631)697-2773
E: ldolginko@rouxinc.com

Re: Geophysical Engineering Survey (GES) Report
Residential Site
280 East 161st Street,
Brooklyn, New York 10451

Dear Ms. Dolginko;

Nova Geophysical Services (NOVA) is pleased to provide the findings of the geophysical engineering survey (GES) at the above referenced project site: 280 East 161st Street, Brooklyn, New York (the "Site").

## INTRODUCTION TO GEOPHYSICAL ENGINEERING SURVEY (GES)

NOVA performed a geophysical engineering survey (GES) consisting of a Ground Penetrating Radar (GPR) and Electromagnetic (EM) survey at the site. The purpose of this survey is to locate and identify utilities, underground storage tanks (USTs) and other substructures in the vicinity of proposed boring locations on February 20th, 2024.

The equipment selected for this investigation was a Sensors and Software NOGGIN 250 MHz ground penetrating radar (GPR) with a shielded antenna and a RadioDetection RD7100 Electromagnetic utility locator. A GPR system consists of a radar control unit, control cable, and transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 250 MHz. The trigger pulse is sent to the transmitter electronics in the transducer via the control cable. The transmitter electronics amplify the trigger

pulse into bipolar pulses that are radiated to the surface. The transformed pulses vary in shape and frequency according to the transducer used. In the subsurface, variations of the signal occur at boundaries where there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit and are represented as color graphic images for interpolation.

A typical electromagnetic (EM) utility locating system consists of a transmitter unit and a receiver unit. The receiver unit can be used independently of the transmitter unit in order to detect utility lines with an inherent EM signature (electric utility lines, water lines, etc.). If needed a current at a specific frequency can also be placed on a utility that is being located. This can be done via the transmitter unit by either direct connection or induction via an EM field varying at specific frequency. The receiver unit is then set to the selected frequency and the electromagnetic field created by the current running through the utility can be located allowing the utility to be marked.

## GEOPHYSICAL METHODS

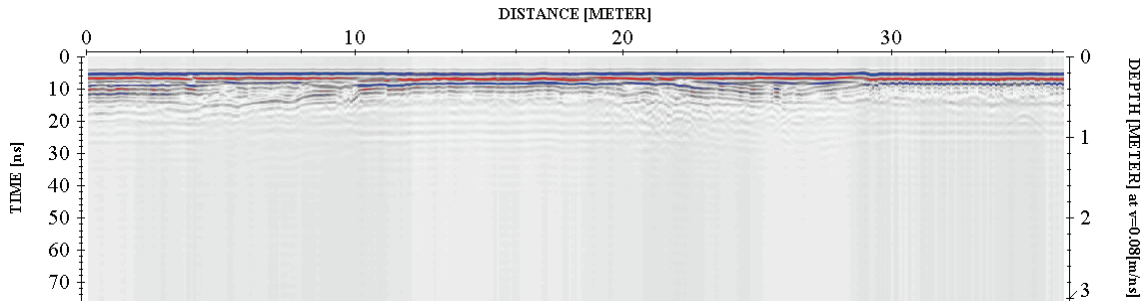
The project site was screened using GPR to search the specified area and inspected for reflections, which could be indicative of substructures and utilities within the subsurface. An EM utility locator was used to help determine the locations of utilities within the survey area.

EM data was collected and interpreted on site and suspected utilities marked as needed. GPR data profiles were collected for the areas of the Site specified by the client and processed as specified below.

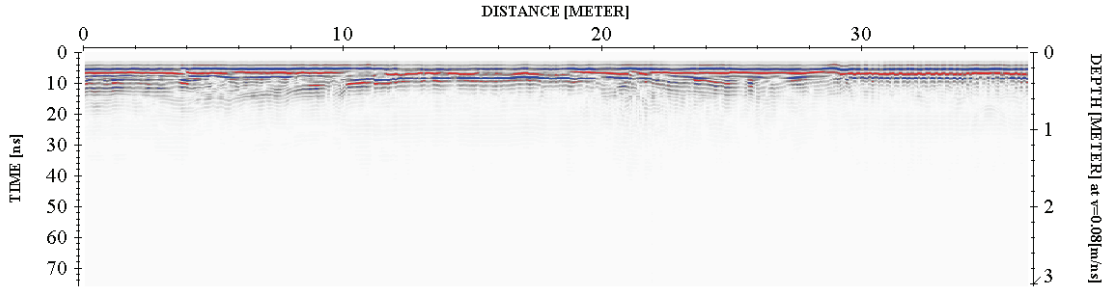
## DATA PROCESSING

To improve the quality of the results and to better identify anomalies NOVA processed the collected data. The processing workflow is briefly described in this section.

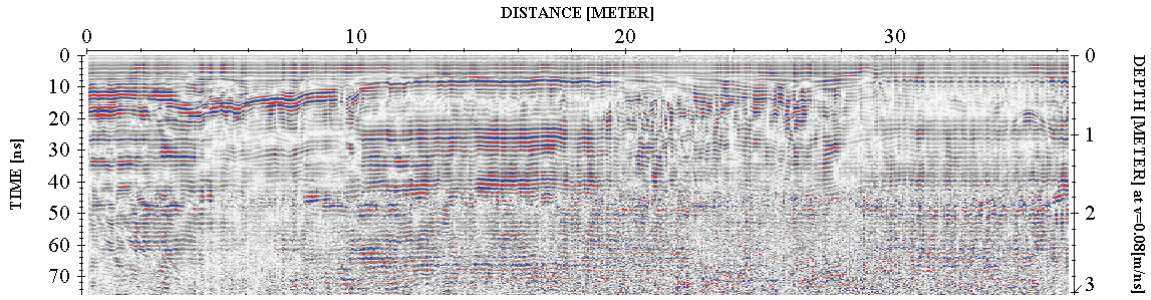
**Step 1.** Import Raw RAMAC data to standard processing format



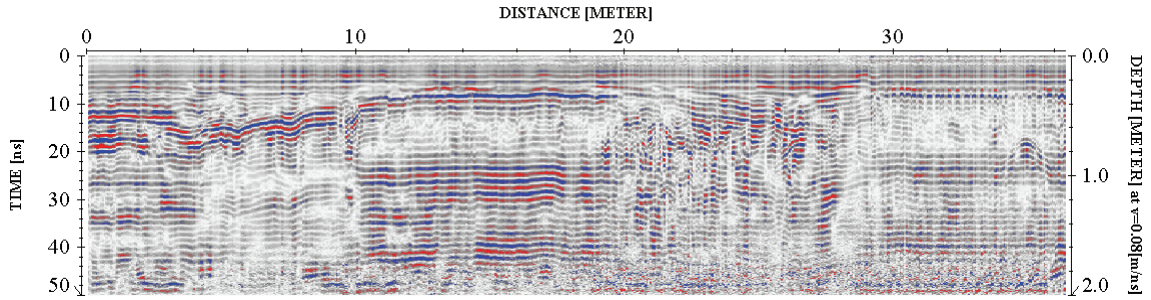
**Step 2.** Remove instrument noise *(dewow)*



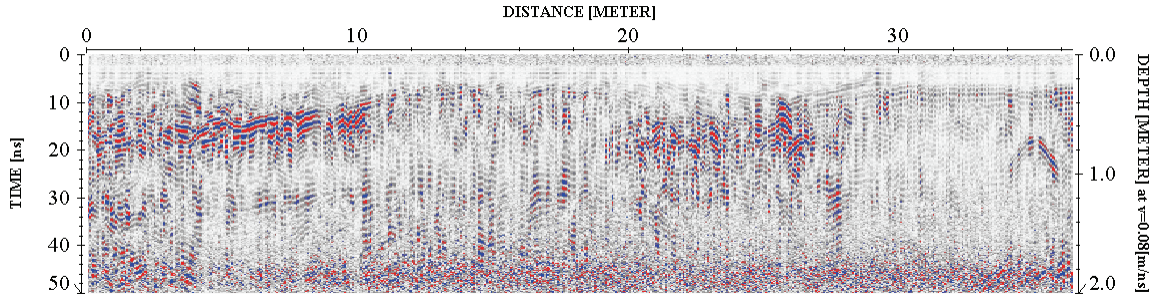

**Step 3.** Correct for attenuation losses *(energy decay function)*




**Step 4.** Remove static from bottom of profile *(time cut)*




**Step 5.** Mute horizontal ringing/noise *(subtracting average)*




The above example shows the significance of data processing. The last image (step 5) has higher resolution than the starting image (raw data – step 1) and represents the subsurface anomalies much more accurately.

# PHYSICAL SETTINGS

NOVA observed the following physical conditions at the time of the survey.

**Weather:** Cloudy

**Temperature:** 30° F

**Surface:** Concrete, Asphalt, Vegetation

**Survey Parameters:** A ground penetrating radar (GPR) grid scan was conducted within the survey area as shown in the survey plan. The line spacing of the grid survey was approximately 2'. Additional GPR data was collected over features of interest and proposed boring locations. A utility locator was used in conjunction with GPR throughout the survey area.

**Limitations:** The geophysical noise level (GNL) at the site was high due to being in an urban environment, multiple layers of pavement at the site, and other unknown anthropogenic sources. The approximate depth of penetration of the GPR was 3 feet below ground surface (BGS), structures below this depth may not have been located during the GES.

# RESULTS

The results of the geophysical engineering survey (GES) identified the following at the project site:

- Anomalies resembling potential subsurface utilities (such as sewer, storm sewer and electric) were identified within the surveyed areas. The approximate locations are shown in the survey plan.
- NOVA did not observe any geophysical anomalies that were consistent with USTs within the surveyed area.
- NOVA marked and cleared all proposed boring locations in the field. The approximate locations are shown in the survey plan.

If you have any questions, please do not hesitate to contact the undersigned.

Sincerely,

**NOVA Geophysical Services**



Levent Eskicakit, P.G., E.P.

Project Manager

**Attachments:**

Location Map

Survey Plan

Geophysical Images




**NOVA**
Geophysical Services
**Subsurface Mapping Solutions**
56-01 Marathon Parkway, # 765
Douglaston, New York 11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.novagsi.com

## Location Map

| | |
|---|---|
| SITE: | **Residential Site**<br>280 East 161st Street<br>Brooklyn, New York 10451 |
| CLIENT: | Roux |
| DATE: | February 15, 2024 |
| AUTH: | Raymond Looney |

## LEGEND




**NOVA**
Geophysical Services
**Subsurface Mapping Solutions**
56-01 Marathon Parkway, # 765
Douglaston, New York 11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.novagsi.com

## SURVEY PLAN

| | |
|---|---|
| SITE: | **Residential Site**<br>280 East 161st Street<br>Brooklyn, New York 10451 |
| CLIENT: | Roux |
| DATE: | February 15, 2024 |
| AUTH: | Raymond Looney |

## LEGEND

- Survey Area
- Electric
- Sewer
- Drainage
- Sewer
- Boring
- Storm Drain
- Manhole Cover

*Dashed lines indicate utilities not found using GPR, but assumed through in depth field observations*

# GEOPHYSICAL SEISMIC SURVEY IMAGES

Residential Site

280 E 161st Street, Brooklyn, NY 10451

February 15, 2024



# GEOPHYSICAL SEISMIC SURVEY IMAGES

Residential Site

280 E 161st Street, Brooklyn, NY 10451

February 15, 2024









# GEOPHYSICAL SEISMIC SURVEY IMAGES

Residential Site

280 E 161st Street, Brooklyn, NY 10451

February 15, 2024










# GEOPHYSICAL SEISMIC SURVEY IMAGES

Residential Site
280 E 161st Street, Brooklyn, NY 10451
February 15, 2024









# GEOPHYSICAL SEISMIC SURVEY IMAGES

Residential Site
280 E 161st Street, Brooklyn, NY 10451
February 15, 2024









# GEOPHYSICAL SEISMIC SURVEY IMAGES

Residential Site
280 E 161st Street, Brooklyn, NY 10451
February 15, 2024









# GEOPHYSICAL SEISMIC SURVEY IMAGES

Residential Site
280 E 161st Street, Brooklyn, NY 10451
February 15, 2024



# GEOPHYSICAL ENGINEERING SURVEY REPORT

Residential Complex Property
280 East 161st Street
Bronx, New York 10451

**NOVA PROJECT NUMBER:**
24-4328

**DATED:**
September 10, 2024

**PREPARED FOR:**

ROUX

209 Shafter Street, Islandia, NY 11749
www.rouxinc.com
(631) 232-2600

**PREPARED BY:**

NOVA
GEOPHYSICAL
ENGINEERING
Subsurface Mapping Solutions
56-01 Marathon Parkway # 765
Douglaston, New York 11362
347-556-7787 (PHONE)
718-261-1527(FAX)
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# NOVA GEOPHYSICAL SERVICES

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56-01 Marathon Parkway #765, Douglaston, New York 11362
Ph. 347-556-7787 Fax. 718-261-1527
www.novagsi.com


September 10, 2024


Lauren Dolginko | Senior Geologist
ROUX
209 Shafter Street, Islandia, New York 11749
D: 631.630.2415 M: 631.697.2773
E: ldolginko@rouxinc.com


Re: Geophysical Engineering Survey (GES) Report
Residential Complex Property
280 East 161st Street, Bronx, New York 10451

Dear Ms. Dolginko.

Nova Geophysical Services (NOVA) is pleased to provide the findings of the geophysical engineering survey (GES) at the above referenced project site: 280 East 161st Street, Bronx, New York (the "Site").

## INTRODUCTION TO GEOPHYSICAL ENGINEERING SURVEY (GES)

NOVA performed a geophysical engineering survey (GES) consisting of a Ground Penetrating Radar (GPR) and Electromagnetic (EM) survey at the site. The purpose of this survey is to locate and identify utilities, underground storage tanks (USTs) and other substructures maybe located at the proposed boring locations on September 5th, 2024.

The equipment selected for this investigation was a Sensors and Software Noggin 250 MHz ground penetrating radar (GPR) with a shielded antenna and a Radio Detection RD7100 Electromagnetic utility locator. A GPR system consists of a radar control unit, control cable, and transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 250 MHz. The trigger pulse is sent to the

transmitter electronics in the transduce via the control cable. The transmitter electronics amplify the trigger pulse into bipolar pulses that are radiated to the surface. The transformed pulses vary in shape and frequency according to the transducer used. In the subsurface, variations of the signal occur at boundaries where there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit and are represented as color graphic images for interpolation.

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## GEOPHYSICAL METHODS

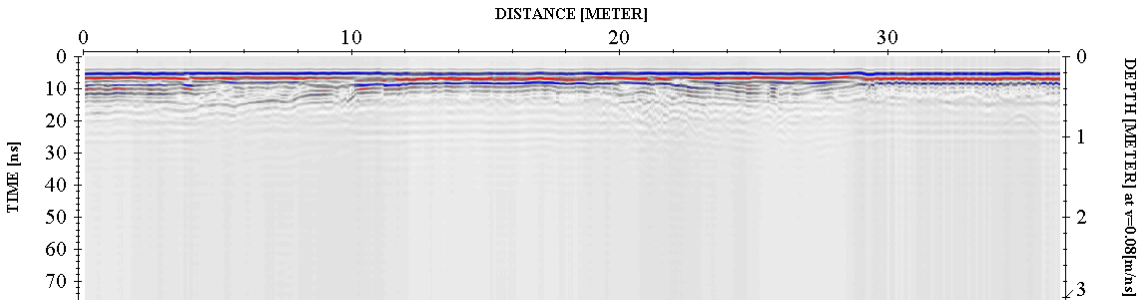
The project site was screened using GPR to search the specified area and inspected for reflections, which could be indicative of substructures and utilities within the subsurface. An EM utility locator was used to help determine the locations of utilities within the survey area.

EM data was collected and interpreted on site and suspected utilities marked as needed. GPR data profiles were collected for the areas of the Site specified by the client and processed as specified below.

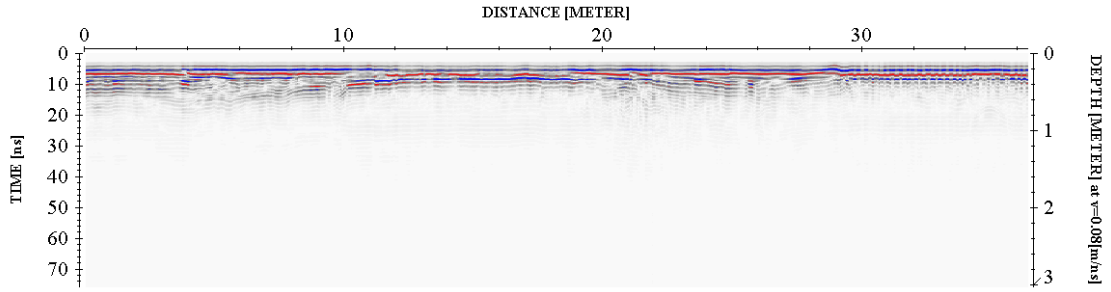
## DATA PROCESSING

In order to improve the quality of the results and to better identify anomalies NOVA processed the collected data. The processing work flow is briefly described in this section.

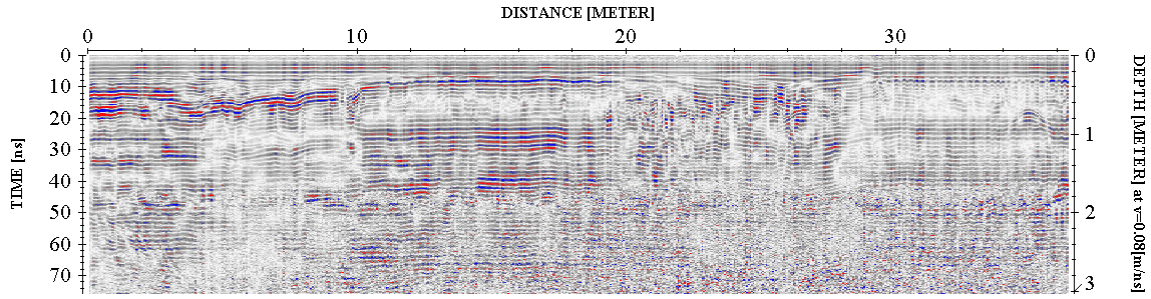
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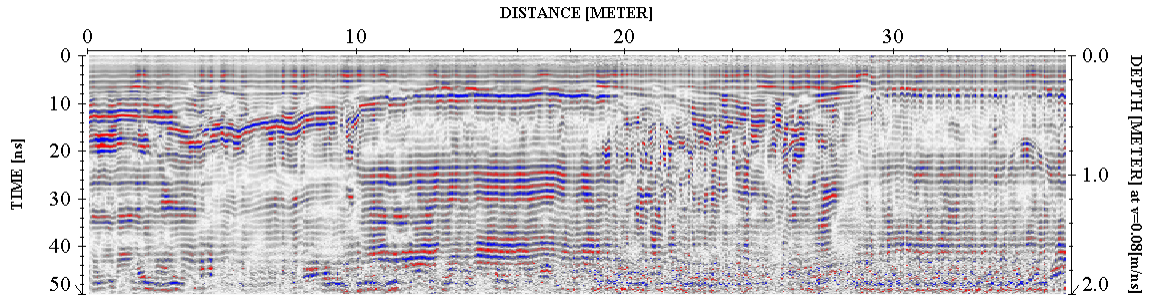
**Step 2.** Remove instrument noise *(dewow)*



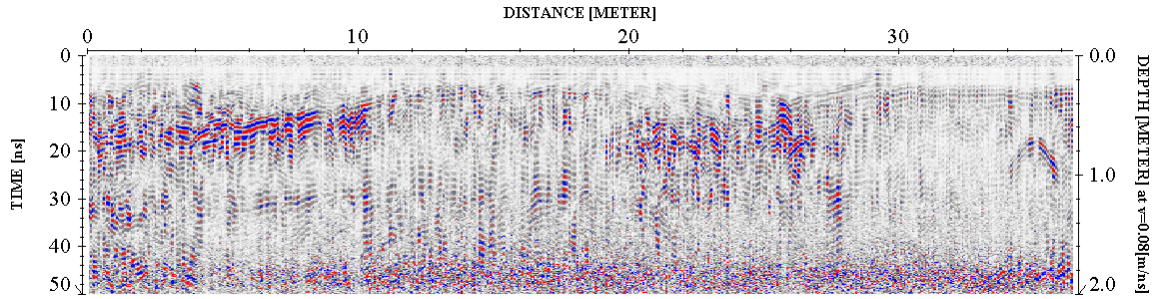

**Step 3.** Correct for attenuation losses *(energy decay function)*




**Step 4.** Remove static from bottom of profile *(time cut)*




**Step 5.** Mute horizontal ringing/noise *(subtracting average)*




The above example shows the significance of data processing. The last image (step 5) has higher resolution than the starting image (raw data – step 1) and represents the subsurface anomalies much more accurately.

## PHYSICAL SETTINGS

NOVA observed the following physical conditions at the time of the survey.

**Weather:** Sunny

**Temperature:** 71° F

**Surface:** Concrete, Asphalt, Grass

**Geophysical Noise Level (GNL):** The GNL was high due to the site being located in an urban environment with parked cars, metallic settings as well as other unknown anthropogenic noise sources.

## RESULTS

The results of the geophysical engineering survey (GES) identified the following at the project site:

- The GES found utilities onsite (Electric and drainage) The utilities were mapped and marked on the survey plan.
- The GES identified a previously marked anomaly, this was confirmed to be a UST upon excavation.
- The GES identified a linear anomaly that was not continuous throughout the driveway, this does not interfere with boring locations.
- The GES identified a system of dry wells and storm drains that are interconnected with their final destination on East 161st Street.
- The GES identified additional utilities (electric lines) from the driveway gate to the building.
- NOVA cleared and marked all proposed boring locations in the onsite mark out.

If you have any questions, please do not hesitate to contact the undersigned.

Sincerely,

**NOVA Geophysical Services**



Levent Eskicakit, P.G., E.P.

Project Manager

**Attachments:**

Location Map

Survey Plan

Geophysical Images

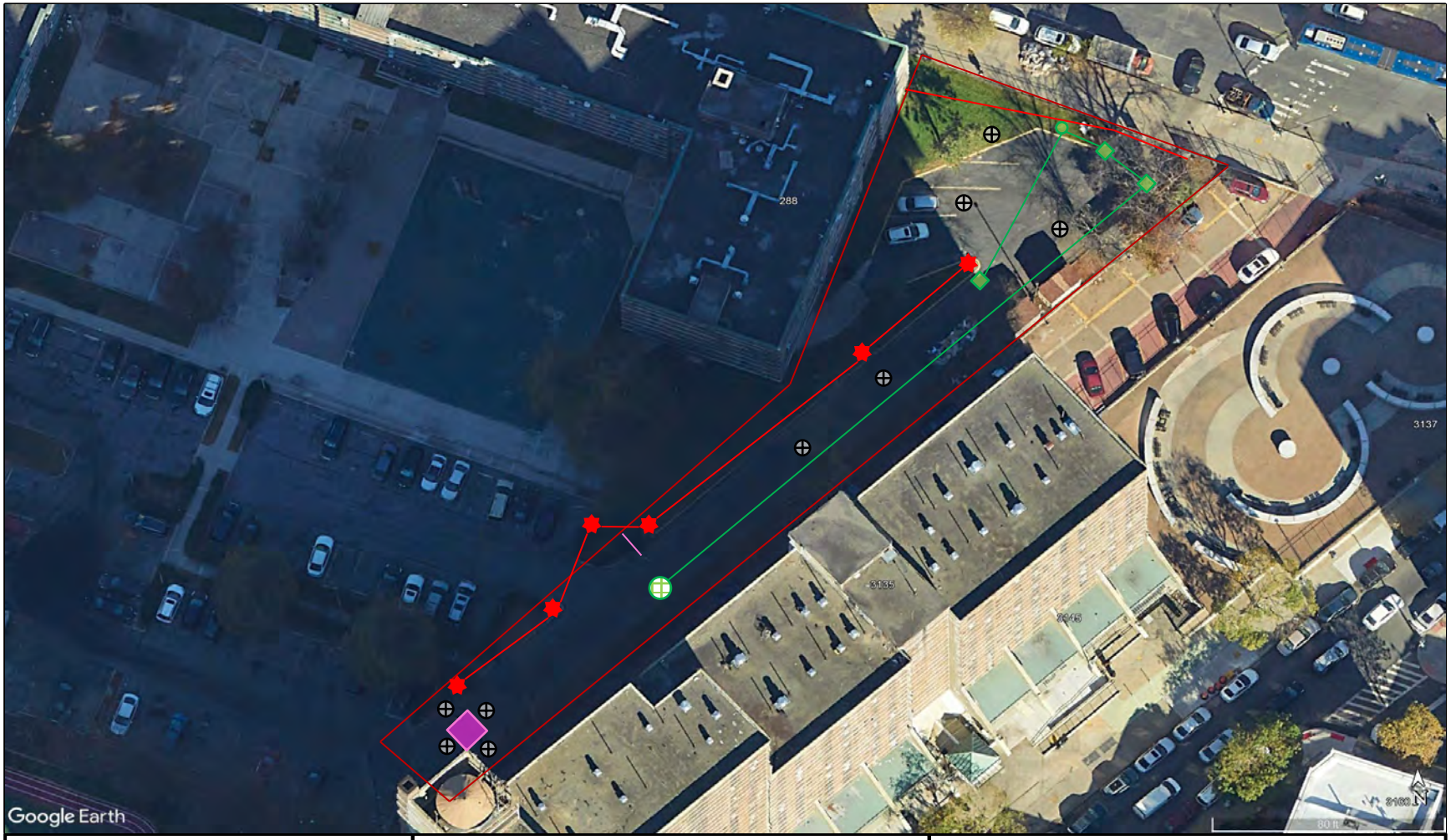



**NOVA**
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Douglaston, New York 11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.novagsi.com

## Site Location

| | |
|---|---|
| SITE: | **Residential Property**<br>280 E 161st Street,<br>Bronx, NY 10451 |
| CLIENT: | ROUX |
| DATE: | September 5th, 2024 |
| AUTH: | Jason Staunton/ Tolga Yuksekbas |

## Legend




**NOVA**
Geophysical Services
**Subsurface Mapping Solutions**
56-01 Marathon Parkway, # 765
Douglaston, New York 11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.novagsi.com

## SURVEY PLAN

| | |
|---|---|
| SITE: | **Residential Property**<br>280 E 161st Street,<br>Bronx, NY 10451 |
| CLIENT: | ROUX |
| DATE: | September 5th, 2024 |
| AUTH: | Jason Staunton/ Tolga Yuksekbas |

## Legend

- Survey Area
- Sewage/ drain
- Electric
- Linear anomaly
- Sewer cover
- Dry well
- Storm drain
- Anomaly (Possible UST)
- Light pole
- Proposed Boring Location

# GEOPHYSICAL IMAGES

Residential Property
280 E 161st Street,
Bronx, NY 10451
September 5th, 2024










# GEOPHYSICAL IMAGES

Residential Property
280 E 161st Street,
Bronx, NY 10451
September 5th, 2024









# GEOPHYSICAL IMAGES

Residential Property
280 E 161st Street,
Bronx, NY 10451
September 5th, 2024







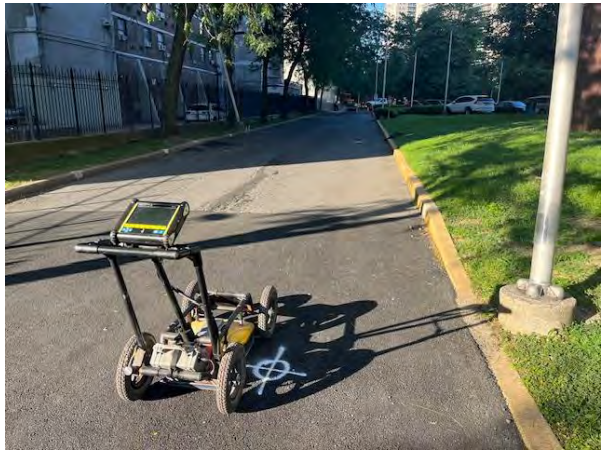


# GEOPHYSICAL IMAGES

Residential Property
280 E 161st Street,
Bronx, NY 10451
September 5th, 2024







# GEOPHYSICAL IMAGES

Residential Property
280 E 161st Street,
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September 5th, 2024









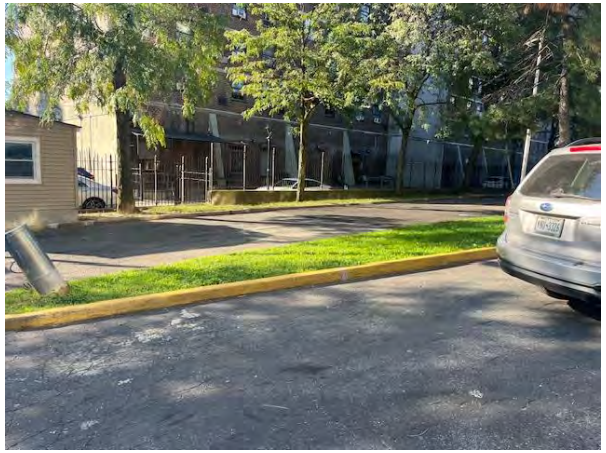
# GEOPHYSICAL IMAGES

Residential Property
280 E 161st Street,
Bronx, NY 10451
September 5th, 2024





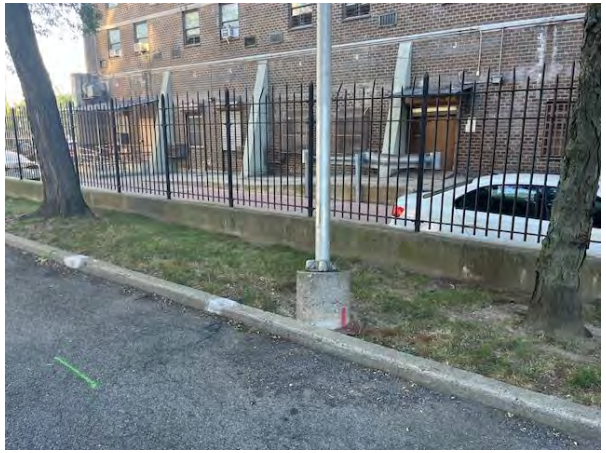




# GEOPHYSICAL IMAGES

Residential Property
280 E 161st Street,
Bronx, NY 10451
September 5th, 2024





# APPENDIX F

Groundwater Sampling Forms

# Well Sampling Purge Log

**Client:** Gilbane **Project Number:** 3868.0005Y000

**Site Location:** 280 E 161st Street, Bronx, NY

Well No: ETMW-01 Weather: 30¶ partly sunny

Date: 2/11/2026 Purge Water Disposal: Drum

Sampled By: MT Well Diameter / Type: 2" PVC

Depth to Product (ft): -- Water Column (ft): 5.21

Depth to Water(ft): 25.79 Volume of Water in Well (gal) 0.85

Depth to Bottom (ft): 31.00

| well diameter: | 1 in | 2 in | 4 in | 6 in | 8 in |
|---|---|---|---|---|---|
| gallons per foot: | 0.041 | 0.163 | 0.653 | 1.469 | 2.611 |

Start Purging: 8:10 Purge Rate (mL/min): 200

End Purging: 11:20 Volume of Water Removed (gal): 1.5

Method of Purge: Peristaltic Pump Method of Sampling: Low-Flow

Physical Appearance/ Comments: Clear

Samples Collected: (analyses / no. bottles) MS/MSD

Sample Time: 09:05 = ETMW-01

PFAS = 09:10 = ETMW-01_P

Duplicate Sample: Laboratory : Eurofins - Edison

**Field Measurements:**

| Time | DTP ft | DTW ft | pH SU | Conductivity mS/cm - S/m | Turbidity NTU | Dissolved $O_2$ mg/L | Temperature $C^o$ | ORP mV |
|---|---|---|---|---|---|---|---|---|
| -- | -- | +/- 0.3 ft | +/- 0.1 SU | w/in 3% | w/in 10% | w/in 10% | w/in 3% | +/- 10 mV |
| 8:20 | 26.10 | 200 | 222 | 1.22 | 228 | 6.65 | 10.76 | 3.25 |
| 8:25 | 26.12 | 200 | 214 | 1.21 | 176 | 6.82 | 10.71 | 3.02 |
| 8:30 | 26.24 | 200 | 196 | 1.20 | 143 | 7.16 | 10.74 | 2.77 |
| 8:35 | 26.31 | 200 | 191 | 1.19 | 124 | 7.24 | 10.88 | 2.62 |
| 8:40 | 26.35 | 200 | 188 | 1.18 | 139 | 7.28 | 10.88 | 2.48 |
| 8:45 | 26.39 | 200 | 187 | 1.18 | 120 | 7.30 | 10.63 | 2.21 |
| 8:50 | 26.81 | 200 | 186 | 1.18 | 116 | 7.32 | 10.59 | 2.07 |
| 8:55 | 26.40 | 200 | 185 | 1.17 | 91 | 7.32 | 10.52 | 2.10 |
| 9:00 | 26.40 | 200 | 185 | 1.17 | 91 | 7.32 | 10.48 | 2.18 |
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## Well Sampling Purge Log

**Field Measurements (Continued):**

| Time | DTP | DTW | pH | Conductivity | Turbidity | Dissolved $O_2$ | Temperature | ORP |
|---|---|---|---|---|---|---|---|---|
| | ft | ft | SU | mS/cm - S/m | NTU | mg/L | $C^o$ | mV |
| -- | -- | +/- 0.3 ft | +/- 0.1 SU | w/in 3% | w/in 10% | w/in 10% | w/in 3% | +/- 10 mV |
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# Well Sampling Purge Log

**Client:** Gilbane **Project Number:** 3868.0005Y000

**Site Location:** 280 E 161st Street, Bronx, NY

Well No: ETMW-02 Weather: 35¶, cloudy

Date: 2/11/2026 Purge Water Disposal: Drum

Sampled By: MT Well Diameter / Type: 2" PVC

Depth to Product (ft): -- Water Column (ft): 5.80

Depth to Water(ft): 25.20 Volume of Water in Well (gal) 0.95

Depth to Bottom (ft): 31.00

| well diameter: | 1 in | 2 in | 4 in | 6 in | 8 in |
|---|---|---|---|---|---|
| gallons per foot: | 0.041 | 0.163 | 0.653 | 1.469 | 2.611 |

Start Purging: 11:45 Purge Rate (mL/min): 200

End Purging: Volume of Water Removed (gal): ~2

Method of Purge: Peristaltic Pump Method of Sampling: Low-Flow

Physical Appearance/ Comments:

Samples Collected: (analyses / no. bottles)

Sample Time: 12:20 = regular

Duplicate Sample: 12:25 = PFAS Laboratory : Eurofins - Edison

**Field Measurements:**

| Time | DTP ft | DTW ft | pH SU | Conductivity mS/cm - S/m | Turbidity NTU | Dissolved $O_2$ mg/L | Temperature $C^o$ | ORP mV |
|---|---|---|---|---|---|---|---|---|
| -- | -- | +/- 0.3 ft | +/- 0.1 SU | w/in 3% | w/in 10% | w/in 10% | w/in 3% | +/- 10 mV |
| 11:50 | 25.80 | 200 | 162 | 0.918 | 46.7 | 7.47 | 11.03 | 4.70 |
| 11:55 | 25.75 | 200 | 164 | 0.939 | 47.2 | 7.54 | 9.14 | 4.16 |
| 12:00 | 25.72 | 200 | 165 | 0.936 | 47.3 | 7.53 | 8.33 | 3.82 |
| 12:05 | 25.71 | 200 | 167 | 0.930 | 47.4 | 7.52 | 7.85 | 3.61 |
| 12:10 | 25.71 | 200 | 168 | 0.924 | 46.9 | 7.52 | 7.02 | 3.27 |
| 12:15 | 25.71 | 200 | 169 | 0.924 | 27.5 | 7.51 | 7.37 | 2.86 |
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## Well Sampling Purge Log

**Field Measurements (Continued):**

| Time | DTP | DTW | pH | Conductivity | Turbidity | Dissolved $O_2$ | Temperature | ORP |
|---|---|---|---|---|---|---|---|---|
| | ft | ft | SU | mS/cm - S/m | NTU | mg/L | $C^o$ | mV |
| -- | -- | +/- 0.3 ft | +/- 0.1 SU | w/in 3% | w/in 10% | w/in 10% | w/in 3% | +/- 10 mV |
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# Well Sampling Purge Log

**Client:** Gilbane **Project Number:** 3868.0005Y000

**Site Location:** 280 E 161st Street, Bronx, NY

Well No: ETMW-03 Weather: 12¶ cold, cloudy, partly sunny

Date: 1/29/2026 Purge Water Disposal: Drum

Sampled By: EM Well Diameter / Type: 2" PVC

Depth to Product (ft): -- Water Column (ft): 6.01

Depth to Water(ft): 27.11 Volume of Water in Well (gal) 0.98

Depth to Bottom (ft): 33.12

| well diameter: | 1 in | 2 in | 4 in | 6 in | 8 in |
|---|---|---|---|---|---|
| gallons per foot: | 0.041 | 0.163 | 0.653 | 1.469 | 2.611 |

Start Purging: 11:50 Purge Rate (mL/min): 200

End Purging: 13:35 Volume of Water Removed (gal): ~ 1 gallon

Method of Purge: Peristaltic Pump Method of Sampling: Low-Flow

Physical Appearance/ Comments: Clear, no odor

Samples Collected: (analyses / no. bottles) 17 bottles (10 amber, 3 perservative, 1 plastic 250, 3 VOAs)

2 PFAS

Sample Time: 12:30

Duplicate Sample: -- Laboratory : Eurofins - Edison

**Field Measurements:**

| Time | DTP ft | DTW ft | pH SU | Conductivity mS/cm - S/m | Turbidity NTU | Dissolved $O_2$ mg/L | Temperature $C^o$ | ORP mV |
|---|---|---|---|---|---|---|---|---|
| -- | -- | +/- 0.3 ft | +/- 0.1 SU | w/in 3% | w/in 10% | w/in 10% | w/in 3% | +/- 10 mV |
| 11:53 | | 27.11 | 6.17 | 0.850 | 240.0 | 11.76 | 2.28 | 201 |
| 11:58 | | 27.60 | 6.61 | 0.783 | 192.0 | 12.86 | 4.44 | 205 |
| 12:03 | | 27.94 | 6.70 | 0.765 | 123.0 | 13.85 | 4.93 | 203 |
| 12:08 | | 28.12 | 6.71 | 0.772 | 86.8 | 15.93 | 5.19 | 201 |
| 12:13 | | 28.36 | 6.71 | 0.773 | 41.8 | 14.51 | 5.35 | 198 |
| 12:18 | | 28.53 | 6.79 | 0.775 | 32.4 | 16.10 | 5.29 | 198 |
| 12:23 | | 28.62 | 6.82 | 0.773 | 33.6 | 8.6 | 5.21 | 196 |
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# Well Sampling Purge Log

**Client:** Gilbane **Project Number:** 3868.0005Y000

**Site Location:** 280 E 161st Street, Bronx, NY

Well No: ETMW-04 Weather: 12¶ cold, cloudy, partly sunny

Date: 2/11/2026 Purge Water Disposal: Drum

Sampled By: PP Well Diameter / Type: 2" PVC

Depth to Product (ft): -- Water Column (ft): 3.36

Depth to Water(ft): 27.64 Volume of Water in Well (gal) 0.55

Depth to Bottom (ft): 31.00

| well diameter: | 1 in | 2 in | 4 in | 6 in | 8 in |
|---|---|---|---|---|---|
| gallons per foot: | 0.041 | 0.163 | 0.653 | 1.469 | 2.611 |

Start Purging: 11:25 Purge Rate (mL/min): 200

End Purging: Volume of Water Removed (gal): ~ 2

Method of Purge: Peristaltic Pump Method of Sampling: Low-Flow

Physical Appearance/ Comments: Clear

Samples Collected: (analyses / no. bottles)

Sample Time: 12:10

Duplicate Sample: Laboratory : Eurofins - Edison

**Field Measurements:**

| Time | DTP ft | DTW ft | pH SU | Conductivity mS/cm - S/m | Turbidity NTU | Dissolved $O_2$ mg/L | Temperature $C^o$ | ORP mV |
|---|---|---|---|---|---|---|---|---|
| -- | -- | +/- 0.3 ft | +/- 0.1 SU | w/in 3% | w/in 10% | w/in 10% | w/in 3% | +/- 10 mV |
| 11:30 | -- | 27.50 | 7.72 | 0.00 | 106.0 | 12.53 | 9.73 | 155 |
| 11:35 | -- | 27.44 | 7.82 | 0.00 | 110.0 | 11.40 | 9.88 | 156 |
| 11:40 | -- | 27.42 | 7.84 | 0.00 | 114.0 | 11.58 | 9.97 | 154 |
| 11:45 | -- | 27.42 | 7.93 | 0.00 | 71.9 | 12.72 | 9.39 | 153 |
| 11:50 | -- | 27.42 | 7.74 | 0.00 | 41.7 | 6.49 | 8.85 | 154 |
| 11:55 | -- | 27.42 | 7.50 | 1.65 | 40.2 | 4.45 | 8.84 | 156 |
| 12:00 | -- | 27.42 | 7.48 | 1.65 | 39.6 | 4.0 | 8.82 | 155 |
| 12:05 | -- | 27.42 | 7.48 | 1.65 | 39.4 | 4.0 | 8.81 | 156 |
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# Well Sampling Purge Log

**Client:** Gilbane **Project Number:** 3868.0005Y000

**Site Location:** 280 E 161st Street, Bronx, NY

Well No: ETMW-05 Weather: 12¶ cold, cloudy, partly sunny

Date: 2/11/2026 Purge Water Disposal: Drum

Sampled By: PP Well Diameter / Type: 2" PVC

Depth to Product (ft): -- Water Column (ft): 4.22

Depth to Water(ft): 26.78 Volume of Water in Well (gal) 0.69

Depth to Bottom (ft): 31.00

| well diameter: | 1 in | 2 in | 4 in | 6 in | 8 in |
|---|---|---|---|---|---|
| gallons per foot: | 0.041 | 0.163 | 0.653 | 1.469 | 2.611 |

Start Purging: 9:10 Purge Rate (mL/min): 100

End Purging: 10:15 Volume of Water Removed (gal): ~1.5

Method of Purge: Peristaltic Pump Method of Sampling: Low-Flow

Physical Appearance/ Comments: Murky

Samples Collected: (analyses / no. bottles)

Sample Time: 10:00 PFAS 10:05

Duplicate Sample: 12:00 DUP.021126_P@12:05 Laboratory : Eurofins - Edison

**Field Measurements:**

| Time | DTP ft | DTW ft | pH SU | Conductivity mS/cm - S/m | Turbidity NTU | Dissolved $O_2$ mg/L | Temperature $C^o$ | ORP mV |
|---|---|---|---|---|---|---|---|---|
| -- | -- | +/- 0.3 ft | +/- 0.1 SU | w/in 3% | w/in 10% | w/in 10% | w/in 3% | +/- 10 mV |
| 9:20 | -- | 26.72 | 5.88 | 0.380 | 705 | 2.93 | 9.21 | 245 |
| 9:25 | -- | 26.72 | 6.43 | 0.391 | 145 | 2.80 | 9.34 | 238 |
| 9:30 | -- | 26.72 | 6.65 | 0.379 | 0 | 2.74 | 9.35 | 232 |
| 9:35 | -- | 26.72 | 7.94 | 0.343 | 0 | 1.67 | 9.67 | 201 |
| 9:40 | -- | 26.72 | 8.46 | 0.334 | 0 | 1.42 | 9.89 | 188 |
| 9:45 | -- | 26.72 | 8.70 | 0.321 | 0 | 1.17 | 10 | 174 |
| 9:50 | -- | 26.72 | 8.75 | 0.317 | 0 | 1.07 | 10.11 | 169 |
| 9:55 | -- | 26.72 | 8.77 | 0.312 | 0 | 1.04 | 10.01 | 166 |
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# APPENDIX G

Soil Vapor Sampling Forms

**Soil Vapor Sampling Form**

**Site Name:** 280 E 161st Street

**Location:** 280 E 161st Street, Bronx, NY

**Date:** 1/28/2026 **Time:** 9:02:00 AM

**Weather :** Sunny, cold, snow

Temperature (Start/End): 8°F/20°F Humidity (Start/End): 68%/76%

Wind Magnitude (Start/End): 8 mph/10 mph Wind Direction (Start/End): W/W

Barometric Pressure (Start/End): 30.12/30.10 Precipitation: 0"/0"

**Sampling Team:** Patrick Perry, Elizabeth Murphy, Ronnie Reynoso

**Sampling Location:** ETSB-06

**Site Condition (i.e. any adjacent questionable facilities, vent pipes, tanks, etc. and type of basement present)**

Cold, Snowy

Prior to commencing the GeoProbe activity, ensure that all the rods were properly deconed and a new disposable tip is present at the end of the rods.

Calibrate the Helium detection meter

**Utility Clearance Completed:** yes

**Sampling Depth:** 9.5-10 feet below land surface

**Sealed with bentonite :** yes

**Purge Rate:** 0.2 L/min Must be less than 0.2 L/min

**Purge Time:** 30 sec Assuming 0.17"tubing internal dia. purge 15sec./every 10ft of tubing

**Helium Rate at enclosure:** 825

**Helium Rate from sample tubing:** 0 Is this rate <10% of the rate at the enclosure **Yes**

If the Helium readings have a greater ratio than 10% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Finishing pressure should be within 0.5 - 4 in. of Hg

Is the Summa Canister Certified Clean and within the proper holding time ? Yes

**Starting Pressure:** -28.25 in. of Hg

**Starting Time:** 9:03 **Date:** 1/29/2026

**Ending Time:** 15:35 **Date:** 1/29/2026

**Ending Pressure:** -7.0 in. of Hg

**Summa Canister Identification #:** 1642

**Flow Regulator ID #** 3378

**Sample ID #** ETSV-01 **Time** 9:02:00 AM

**Analysis** TO-15

**Laboratory** Eurofins

Comments

**Soil Vapor Sampling Form**

**Site Name:** 280 E 161st Street

**Location:** 280 E 161st Street, Bronx, NY

**Date:** 2/13/2026 **Time:** 7:03:00 AM

**Weather :** Sunny, cold, snow

Temperature (Start/End): 32°F/41°F Humidity (Start/End): 68%/70%

Wind Magnitude (Start/End): 4 mph/6 mph Wind Direction (Start/End): W/N

Barometric Pressure (Start/End): 30.12/29.86 Precipitation: 0"/0"

**Sampling Team:** Emelia Pagano

**Sampling Location:** ETSB-10

**Site Condition (i.e. any adjacent questionable facilities, vent pipes, tanks, etc. and type of basement present)**

Cold, Snowy

Prior to commencing the GeoProbe activity, ensure that all the rods were properly deconed and a new disposable tip is present at the end of the rods.

Calibrate the Helium detection meter

**Utility Clearance Completed:** yes

**Sampling Depth:** 10.5-11 feet below land surface

**Sealed with bentonite :** yes

**Purge Rate:** 0.2 L/min Must be less than 0.2 L/min

**Purge Time:** 30 sec Assuming 0.17"tubing internal dia. purge 15sec./every 10ft of tubing

**Helium Rate at enclosure:** 11400

**Helium Rate from sample tubing:** 0 Is this rate <10% of the rate at the enclosure **Yes**

If the Helium readings have a greater ratio than 10% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Finishing pressure should be within 0.5 - 4 in. of Hg

Is the Summa Canister Certified Clean and within the proper holding time ? Yes

**Starting Pressure:** -27.00 in. of Hg

**Starting Time:** 7:03 **Date:** 2/13/2026

**Ending Time:** 14:42 **Date:** 2/13/2026

**Ending Pressure:** -2.00 in. of Hg

**Summa Canister Identification #:** 1768

**Flow Regulator ID #** 4999

**Sample ID #** ETSV-02 **Time** 7:03:00 AM

**Analysis** TO-15

**Laboratory** Eurofins

Comments

**Soil Vapor Sampling Form**

**Site Name:** 280 E 161st Street

**Location:** 280 E 161st Street, Bronx, NY

**Date:** 1/28/2026 **Time:** 8:45:00 AM

**Weather :** Sunny, cold, snow

Temperature (Start/End): 8°F/20°F Humidity (Start/End): 68%/76%

Wind Magnitude (Start/End): 8 mph/10 mph Wind Direction (Start/End): W/W

Barometric Pressure (Start/End): 30.12/30.10 Precipitation: 0"/0"

**Sampling Team:** Patrick Perry, Elizabeth Murphy, Ronnie Reynoso

**Sampling Location:** ETSB-09

**Site Condition (i.e. any adjacent questionable facilities, vent pipes, tanks, etc. and type of basement present)**

Prior to commencing the GeoProbe activity, ensure that all the rods were properly deconed and a new disposable tip is present at the end of the rods.

Calibrate the Helium detection meter

**Utility Clearance Completed:** Yes

**Sampling Depth:** 11.5-12 feet below land surface

**Sealed with bentonite :** yes

**Purge Rate:** 0.2 L/min Must be less than 0.2 L/min

**Purge Time:** 30 sec Assuming 0.17"tubing internal dia. purge 15sec./every 10ft of tubing

**Helium Rate at enclosure:** 1800

**Helium Rate from sample tubing:** 0 Is this rate <10% of the rate at the enclosure **Yes**

If the Helium readings have a greater ratio than 10% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Finishing pressure should be within 0.5 - 4 in. of Hg

Is the Summa Canister Certified Clean and within the proper holding time ? Yes

**Starting Pressure:** -30 in. of Hg

**Starting Time:** 8:45 **Date:** 1/29/2026

**Ending Time:** 15:39 **Date:** 1/29/2026

**Ending Pressure:** -8.0 in. of Hg

**Summa Canister Identification #:** 2701

**Flow Regulator ID #** A590003

**Sample ID #** ETSV-03 **Time** 8:45

**Analysis** TO-15

**Laboratory** Eurofins

Comments

**Soil Vapor Sampling Form**

**Site Name:** 280 E 161st Street

**Location:** 280 E 161st Street, Bronx, NY

**Date:** 1/29/2026 **Time:** 8:47:00 AM

**Weather :** Sunny, cold, snow

Temperature (Start/End): 8°F/20°F Humidity (Start/End): 68%/76%

Wind Magnitude (Start/End): 8 mph/10 mph Wind Direction (Start/End): W/W

Barometric Pressure (Start/End): 30.12/30.10 Precipitation: 0"/0"

**Sampling Team:** Patrick Perry, Elizabeth Murphy, Ronnie Reynoso

**Sampling Location:** ETSB-08

**Site Condition (i.e. any adjacent questionable facilities, vent pipes, tanks, etc. and type of basement present)**

Cold, Snowy

Prior to commencing the GeoProbe activity, ensure that all the rods were properly deconed and a new disposable tip is present at the end of the rods.

Calibrate the Helium detection meter

**Utility Clearance Completed:** Yes

**Sampling Depth:** 10.5-11 feet below land surface

**Sealed with bentonite :** Yes

**Purge Rate:** 0.2 L/min Must be less than 0.2 L/min

**Purge Time:** 30 Assuming 0.17"tubing internal dia. purge 15sec./every 10ft of tubing

**Helium Rate at enclosure:** 500

**Helium Rate from sample tubing:** 0 Is this rate <10% of the rate at the enclosure **Yes**

If the Helium readings have a greater ratio than 10% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Finishing pressure should be within 0.5 - 4 in. of Hg

Is the Summa Canister Certified Clean and within the proper holding time ? Yes

**Starting Pressure:** -29.75 in. of Hg

**Starting Time:** 8:47 **Date:** 1/29/2026

**Ending Time:** 16:37 **Date:** 1/29/2026

**Ending Pressure:** -5.0 in. of Hg

**Summa Canister Identification #:** 1234

**Flow Regulator ID #** A579017

**Sample ID #** ETSV-04 **Time** 8:47:00 AM

**Analysis** TO-15

**Laboratory** Eurofins

Comments

**Soil Vapor Sampling Form**

**Site Name:** 280 E 161st Street

**Location:** 280 E 161st Street, Bronx, NY

**Date:** 1/29/2026 **Time:** 8:40:00 AM

**Weather :** Sunny, cold, snow

Temperature (Start/End): 8°F/20°F Humidity (Start/End): 68%/76%

Wind Magnitude (Start/End): 8 mph/10 mph Wind Direction (Start/End): W/W

Barometric Pressure (Start/End): 30.12/30.10 Precipitation: 0"/0"

**Sampling Team:** Patrick Perry, Elizabeth Murphy, Ronnie Reynoso

**Sampling Location:** ETSB-05

**Site Condition (i.e. any adjacent questionable facilities, vent pipes, tanks, etc. and type of basement present)**

Cold, Snowy

Prior to commencing the GeoProbe activity, ensure that all the rods were properly deconed and a new disposable tip is present at the end of the rods.

Calibrate the Helium detection meter

**Utility Clearance Completed:** Yes

**Sampling Depth:** 6.5-7 feet below land surface

**Sealed with bentonite :** Yes

**Purge Rate:** 0.2 L/min Must be less than 0.2 L/min

**Purge Time:** 30 sec Assuming 0.17"tubing internal dia. purge 15sec./every 10ft of tubing

**Helium Rate at enclosure:** 1750

**Helium Rate from sample tubing:** 0 Is this rate <10% of the rate at the enclosure **Yes**

If the Helium readings have a greater ratio than 10% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Finishing pressure should be within 0.5 - 4 in. of Hg

Is the Summa Canister Certified Clean and within the proper holding time ? Yes

**Starting Pressure:** -30.07 in. of Hg

**Starting Time:** 8:40 **Date:** 1/29/2026

**Ending Time:** 15:29 **Date:** 1/29/2026

**Ending Pressure:** -7.7 in. of Hg

**Summa Canister Identification #:** 2789

**Flow Regulator ID #** A908009

**Sample ID #** ETSV-05 **Time** 8:40

**Analysis** TO-15

**Laboratory** Eurofins

Comments

**Soil Vapor Sampling Form**

**Site Name:** 280 E 161st Street

**Location:** 280 E 161st Street, Bronx, NY

**Date:** 1/29/2026 **Time:**

**Weather :** Sunny, cold, snow

Temperature (Start/End): 8°F/20°F Humidity (Start/End): 68%/76%

Wind Magnitude (Start/End): 8 mph/10 mph Wind Direction (Start/End): W/W

Barometric Pressure (Start/End): 30.12/30.10 Precipitation: 0"/0"

**Sampling Team:** Patrick Perry, Elizabeth Murphy, Ronnie Reynoso

**Sampling Location:** ETSB-03

**Site Condition (i.e. any adjacent questionable facilities, vent pipes, tanks, etc. and type of basement present)**

Cold, Snowy

Prior to commencing the GeoProbe activity, ensure that all the rods were properly deconed and a new disposable tip is present at the end of the rods.

Calibrate the Helium detection meter

**Utility Clearance Completed:** Yes

**Sampling Depth:** 14.5-15 feet below land surface

**Sealed with bentonite :** Yes

**Purge Rate:** 0.2 L/min Must be less than 0.2 L/min

**Purge Time:** 30 sec Assuming 0.17"tubing internal dia. purge 15sec./every 10ft of tubing

**Helium Rate at enclosure:** 625

**Helium Rate from sample tubing:** 0 Is this rate <10% of the rate at the enclosure **Yes**

If the Helium readings have a greater ratio than 10% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Finishing pressure should be within 0.5 - 4 in. of Hg

Is the Summa Canister Certified Clean and within the proper holding time ? Yes

**Starting Pressure:** -29.86 in. of Hg

**Starting Time:** 8:52 **Date:** 1/29/2026

**Ending Time:** 15:51 **Date:** 1/29/2026

**Ending Pressure:** -9.97 in. of Hg

**Summa Canister Identification #:** 1889

**Flow Regulator ID #** A439010

**Sample ID #** ETSV-06 **Time**

**Analysis** TO-15

**Laboratory** Eurofins

Comments: DUP-012426 END: 15:00 at -8.2

**Soil Vapor Sampling Form**

**Site Name:** 280 E 161st Street

**Location:** 280 E 161st Street, Bronx, NY

**Date:** 1/29/2026 **Time:** 9:00:00 AM

**Weather :** Sunny, cold, snow

Temperature (Start/End): 8°F/20°F Humidity (Start/End): 68%/76%

Wind Magnitude (Start/End): 8 mph/10 mph Wind Direction (Start/End): W/W

Barometric Pressure (Start/End): 30.12/30.10 Precipitation: 0"/0"

**Sampling Team:** Patrick Perry, Elizabeth Murphy, Ronnie Reynoso

**Sampling Location:** ETSB-03

**Site Condition (i.e. any adjacent questionable facilities, vent pipes, tanks, etc. and type of basement present)**

Cold, Snowy. Duplicate Sample Collected from ETSV-06

Prior to commencing the GeoProbe activity, ensure that all the rods were properly deconed and a new disposable tip is present at the end of the rods.

Calibrate the Helium detection meter

**Utility Clearance Completed:** Yes

**Sampling Depth:** 14.5-15 feet below land surface

**Sealed with bentonite :** Yes

**Purge Rate:** 0.2 L/min Must be less than 0.2 L/min

**Purge Time:** 30 sec Assuming 0.17"tubing internal dia. purge 15sec./every 10ft of tubing

**Helium Rate at enclosure:** 625

**Helium Rate from sample tubing:** 0 Is this rate <10% of the rate at the enclosure **Yes**

If the Helium readings have a greater ratio than 10% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Finishing pressure should be within 0.5 - 4 in. of Hg

Is the Summa Canister Certified Clean and within the proper holding time ? Yes

**Starting Pressure:** -29.86 in. of Hg

**Starting Time:** 8:52 **Date:** 1/29/2026

**Ending Time:** 15:51 **Date:** 1/29/2026

**Ending Pressure:** -9.97 in. of Hg

**Summa Canister Identification #:** 1889

**Flow Regulator ID #** A439010

**Sample ID #** DUP_01292 6_SV **Time** 9:00:00 AM

**Analysis** TO-15

**Laboratory** Eurofins

Comments: DUP-012426 END: 15:00 at -8.2

**Soil Vapor Sampling Form**

**Site Name:** 280 E 161st Street

**Location:** 280 E 161st Street, Bronx, NY

**Date:** 1/29/2026 **Time:** 8:58:00 AM

**Weather :** Sunny, cold, snow

Temperature (Start/End): 8°F/20°F Humidity (Start/End): 68%/76%

Wind Magnitude (Start/End): 8 mph/10 mph Wind Direction (Start/End): W/W

Barometric Pressure (Start/End): 30.12/30.10 Precipitation: 0"/0"

**Sampling Team:** Patrick Perry, Elizabeth Murphy, Ronnie Reynoso

**Sampling Location:** Center of Site

**Site Condition (i.e. any adjacent questionable facilities, vent pipes, tanks, etc. and type of basement present)**

Cold, Snowy

Prior to commencing the GeoProbe activity, ensure that all the rods were properly deconed and a new disposable tip is present at the end of the rods.

Calibrate the Helium detection meter

**Utility Clearance Completed:** N/A

**Sampling Depth:** N/A feet below land surface

**Sealed with bentonite :** N/A

**Purge Rate:** N/A Must be less than 0.2 L/min

**Purge Time:** N/A Assuming 0.17"tubing internal dia. purge 15sec./every 10ft of tubing

**Helium Rate at enclosure:** N/A

**Helium Rate from sample tubing:** N/A Is this rate <10% of the rate at the enclosure **Yes**

If the Helium readings have a greater ratio than 10% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Finishing pressure should be within 0.5 - 4 in. of Hg

Is the Summa Canister Certified Clean and within the proper holding time ? Yes

**Starting Pressure:** -30.64 in. of Hg

**Starting Time:** 8:58 **Date:** 1/29/2026

**Ending Time:** 15:39 **Date:** 1/29/2026

**Ending Pressure:** -14.61 in. of Hg

**Summa Canister Identification #:** 6259

**Flow Regulator ID #** A561009

**Sample ID #** AMB_01292 6_SV **Time** 8:58:00 AM

**Analysis** TO-15

**Laboratory** Eurofins

Comments: DUP-012426 END: 15:00 at -8.2

# APPENDIX H

Soil Boring and Monitoring Well Construction Logs

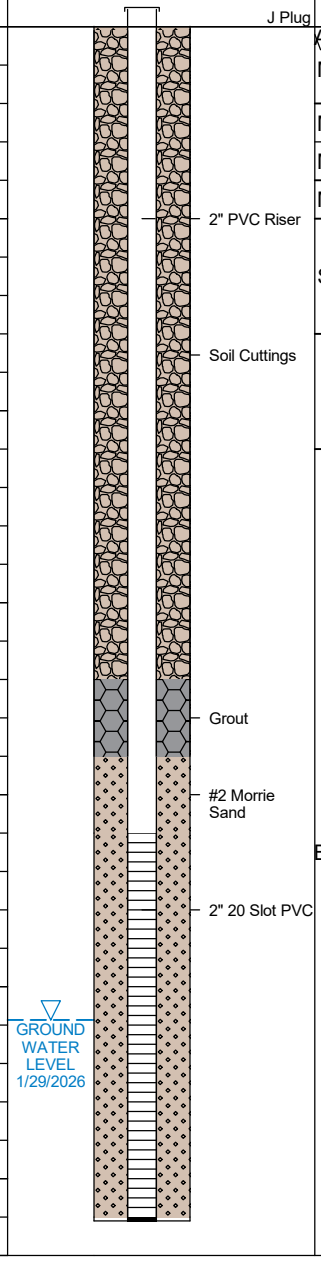
# ETSB-01/ETMW-01/DSS-2



| | | |
|---|---|---|
| Client: Bronx Park GTAH II LLC | Site: 310 East 161st Street | Project Number: Brownfield Cleanup Program #C203183. |
| Address: 310 East 161 Street | City/State: Bronx, New York | Logged By: M. Tanner |

| | | | |
|---|---|---|---|
| Start to Finish Date: 1/13/2026 - 1/19/2026 | Contractor: Trinity | Drill Type: Geoprobe | Sampler Type/Method: 2" Macro-Core |
| Borehole Depth: 32 feet | Backfill: Soil Cuttings - Sand - Bentonite | Borehole Diameter: 4-inches | DTW: |
| Area: NM | Elevation: NM | Latitude: NM | Longitude: NM |

| | | | | | |
|---|---|---|---|---|---|
| Well Depth: 31.1 feet | Well Dia./Materials: 2-inch PVC | Screen Interval: 21-31 feet | Screen Slot Size: 0.02 | Sand/Filter Pack Size: Morie #2 | Annular Seal: 2 ft bentonite seal |




| Depth (ft) | USCS | USCS Graphic | Visual Description | Sample Interval | Recovery (ft) | PID | Notes |
|---|---|---|---|---|---|---|---|
| 0 | ASPH | | ASPHALT. | G | 5 | 0 | ETSB-01 (0-2 in) collected for RI sample parameters. ETSB-01 (2-6 in) was collected for RI sample parameters. |
| | MIXD | | Brown, fine to coarse SAND, trace fine to coarse gravel (FILL); moist. | | | | |
| | MIXD | | Brown, fine to coarse SAND, little fine to coarse Gravel, trace brick (FILL); moist. | | | | |
| | MIXD | | Brown, fine to coarse SAND, little fine to coarse Gravel, trace asphalt and brick (FILL); moist. | | | 0 | WC-DSS (2-9) collected for WC composite sample parameters. ETSB-01 (2-4) and ETSB-01 (2-4)_P collected for RI sample parameters. ETSB-01 (6-8) collected for RI sample parameters. |
| 5 | MIXD | | Brown, fine to coarse SAND, little fine to coarse Gravel and Concrete (FILL); moist. | | | | |
| | SWG | | Brown, fine to coarse SAND, little Gravel; moist. | | 3.5 | | |
| | SW | | Light brown, fine to coarse SAND, trace gravel; moist. | | | 0 | |
| 10 | | | WEATHERED BEDROCK. | | 0.5 | | ETSB-01 (9-11) collected for RI sample parameters. |
| | BEDR | | | | | | |

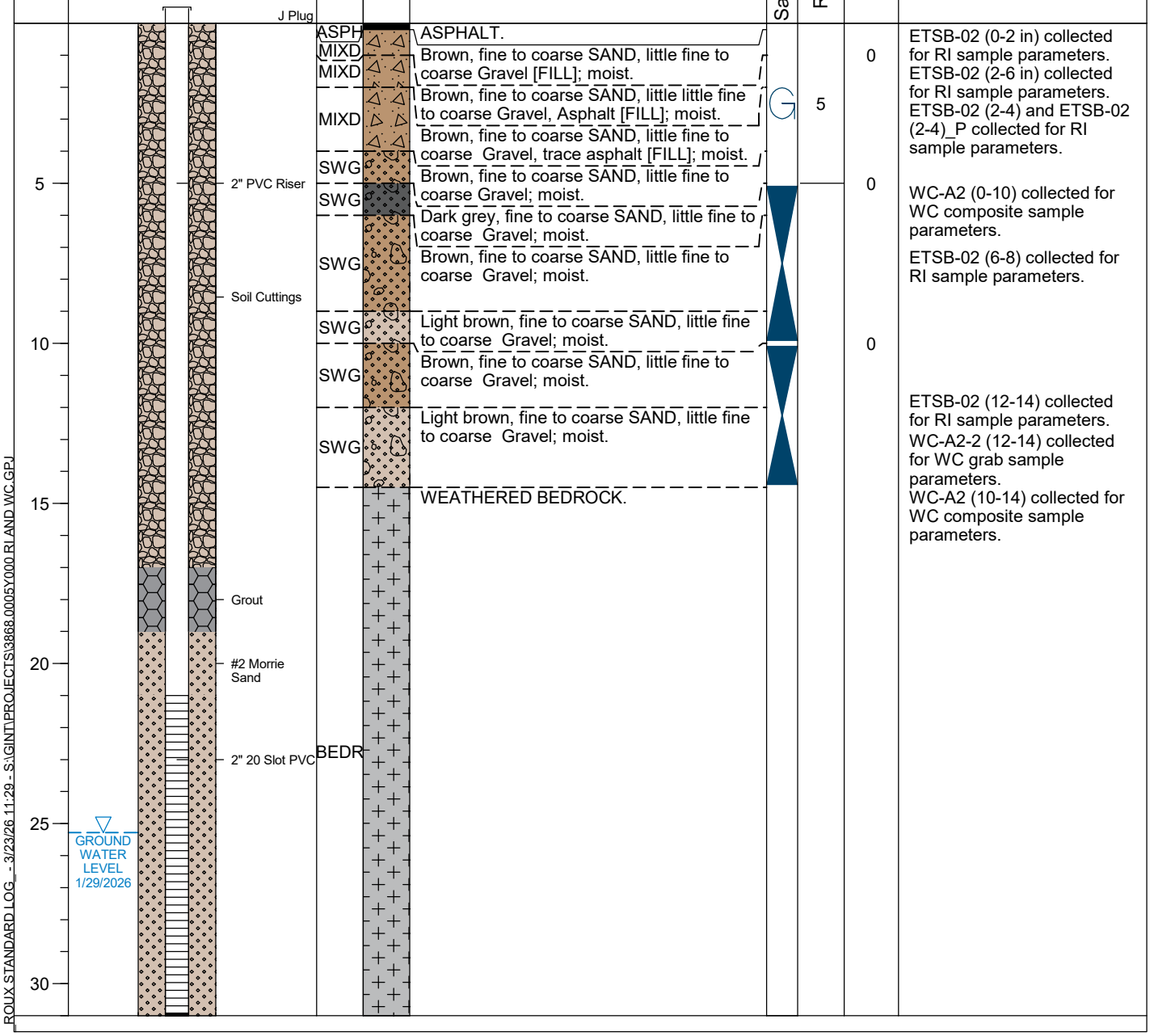
# ETSB-02/ETMW-02/A2-2



| | | |
|---|---|---|
| Client: Bronx Park GTAH II LLC | Site: 310 East 161st Street | Project Number: Brownfield Cleanup Program #C203183. |
| Address: 310 East 161 Street | City/State: Bronx, New York | Logged By: E. Pagano |

| | | | |
|---|---|---|---|
| Start to Finish Date: 1/16/2026 - 1/19/2026 | Contractor: Trinity | Drill Type: Geoprobe | Sampler Type/Method: 2" Macro-Core |
| Borehole Depth: 31 feet | Backfill: Soil Cuttings - Sand - Bentonite | Borehole Diameter: 4-inches | DTW: |
| Area: NM | Elevation: NM | Latitude: NM | Longitude: NM |

| | | | | | |
|---|---|---|---|---|---|
| Well Depth: 31 feet | Well Dia./Materials: 2-inch PVC | Screen Interval: 21-31 feet | Screen Slot Size: 0.02 | Sand/Filter Pack Size: Morie #2 | Annular Seal: 2 ft bentonite seal |




ROUX STANDARD LOG - 3/23/26 11:29 - S:\GINT\PROJECTS\3868.0005Y000 RI AND WC.GPJ

# ETSB-03/ETSV-06/ETMW-03/DSN-C1-1



| | | |
|---|---|---|
| Client: Bronx Park GTAH II LLC | Site: 310 East 161st Street | Project Number: Brownfield Cleanup Program #C203183. |
| Address: 310 East 161 Street | City/State: Bronx, New York | Logged By: E. Pagano |

| | | | |
|---|---|---|---|
| Start to Finish Date: 1/15/2026 - 1/21/2026 | Contractor: Trinity | Drill Type: Geoprobe | Sampler Type/Method: 2" Macro-Core |
| Borehole Depth: 31 feet | Backfill: Soil Cuttings - Sand - Bentonite | Borehole Diameter: 4-inches | DTW: |
| Area: NM | Elevation: NM | Latitude: NM | Longitude: NM |

| | | | | | |
|---|---|---|---|---|---|
| Well Depth: 31 feet | Well Dia./Materials: 2-inch PVC | Screen Interval: 21-31 feet | Screen Slot Size: 0.02 | Sand/Filter Pack Size: Morie #2 | Annular Seal: 2 ft bentonite seal |

| Depth (ft) | Well Diagram | USCS | USCS Graphic | Visual Description | Sample Interval | Recovery (ft) | PID | Notes |
|---|---|---|---|---|---|---|---|---|
| | J Plug | MIXD | | Brown, fine to coarse SAND, some Silt, trace gravel and brick (FILL); moist. | G | 5 | 0.0 | ETSB-03 (0-2 in) collected for RI sample parameters. ETSB-03 (2-6 in) collected for RI sample parameters. WC-C1 (0-2) collected for WC composite sample parameters. |
| | | MIXD | | Light gray, fine to coarse SAND, some fine to coarse Gravel, trace brick and silt (FILL); moist. | | | 0.1 | |
| 5 | 2" PVC Riser | MIXD | | Brown, fine to coarse SAND, trace silt, fine to coarse gravel, and brick (FILL); moist. | | | 0.0 | ETSB-03 (2-4) and ETSB-03 (2-4)_P collected for RI sample parameters. WC-DSN (2-9) collected for WC composite sample parameters. ETSB-03 (6-8) collected for RI sample parameters. |
| | | SW-SM | | Brown, fine to coarse SAND, some Silt, trace fine to coarse gravel; moist. | | 3.5 | | |
| 10 | Soil Cuttings | | | | | | 0.0 | |
| | | SW | | Brown, fine to coarse SAND, trace silt; moist. | | | | ETSB-03 (10-12) collected for RI sample parameters. |
| | | | | Brown, fine to coarse SAND, some fine to coarse Gravel, trace silt; moist. | | 4 | | |
| 15 | | SWG | | | | | 0.0 | ETSB-03 (15-17) collected for RI sample parameters. |
| | Grout | | | | | 2 | | |
| | | | | WEATHERED BEDROCK. | | | | Soil vapor point ETSV-06 installed at 15 ft bls for VOCs. |
| 20 | #2 Morrie Sand | | | | | | | |
| | 2" 20 Slot PVC | BEDR | | | | | | |
| 25 | GROUND WATER LEVEL 1/29/2026 | | | | | | | |
| 30 | | | | | | | | |

ROUX STANDARD LOG_ - 3/23/26 11:29 - S:\GINT\PROJECTS\3868.0005Y000 RI AND WC.GPJ

# ETSB-04



| | | |
|---|---|---|
| Client: Bronx Park GTAH II LLC | Site: 310 East 161st Street | Project Number: Brownfield Cleanup Program #C203183. |
| Address: 310 East 161 Street | City/State: Bronx, New York | Logged By: M. Tanner |

| | | | |
|---|---|---|---|
| Start to Finish Date: 1/13/2026 - 1/13/2026 | Contractor: Trinity | Drill Type: Hand Auger | Sampler Type/Method: 2" Macro-Core |
| Borehole Depth: 4 feet | Backfill: Soil Cuttings | Borehole Diameter: 4-inches | DTW: |
| Area: NM | Elevation: NM | Latitude: NM | Longitude: NM |

| Depth (ft) | USCS | USCS Graphic | Visual Description | Sample Interval | Recovery (ft) | PID | Notes |
|---|---|---|---|---|---|---|---|
| | ASPH | | ASPHALT. | | | | |
| | MIXD | | Dark brown, fine to coarse SAND, little coarse gravel, trace asphalt [FILL]; moist. | | | | ETSB-04 (0-2 in) collected for RI sample parameters. ETSB-04 (2-6 in) collected for RI sample parameters. |
| 1 | MIXD | | Medium brown, fine to coarse SAND, little coarse gravel, trace asphalt [FILL]; moist. | | | 1.1 | |
| 2 | | | Medium brown, fine to coarse SAND, little coarse gravel, trace asphalt and brick [FILL]; moist. | G | 4 | 0.0 | |
| 3 | MIXD | | | | | 0 | ETSB-04 (2-4) and ETSB-04 (2-4)_P collected for RI sample parameters. |

ROUX STANDARD LOG_ - 3/23/26 11:29 - S:\GINT\PROJECTS\3868.0005Y000 RI AND WC.GPJ

# ETSB-05/ETSV-05



| | | |
|---|---|---|
| Client: Bronx Park GTAH II LLC | Site: 310 East 161st Street | Project Number: Brownfield Cleanup Program #C203183. |
| Address: 310 East 161 Street | City/State: Bronx, New York | Logged By: M. Tanner |

| | | | |
|---|---|---|---|
| Start to Finish Date: 1/13/2026 - 1/13/2026 | Contractor: Trinity | Drill Type: Geoprobe | Sampler Type/Method: 2" Macro-Core |
| Borehole Depth: 9 feet | Backfill: Soil Cuttings - Sand - Bentonite | Borehole Diameter: 4-inches | DTW: |
| Area: NM | Elevation: NM | Latitude: NM | Longitude: NM |

| Depth (ft) | USCS | USCS Graphic | Visual Description | Sample Interval | Recovery (ft) | PID | Notes |
|---|---|---|---|---|---|---|---|
| | MIXD | | Brown, fine to coarse SAND, trace fine to coarse gravel and brick (FILL); moist. | | | 0 | ETSB-05 (0-2 in) collected for RI sample parameters. |
| | | | Brown, fine to coarse SAND, little Concrete, trace fine to coarse gravel (FILL); moist. | | | 0.2 | ETSB-05 (2-6 in) collected for RI sample parameters. |
| | MIXD | | | G | 5 | 0 | |
| | | | Brown, fine to coarse SAND, trace fine to coarse gravel; moist. | | | | ETSB-05 (2-4) and ETSB-05 (2-4)_P collected for RI sample parameters. |
| 5 | SW | | | | | 0 | |
| | | | Light brown, fine to coarse SAND, trace fine to coarse gravel; moist. | | | | Soil vapor point ETSV-05 installed at 7 ft bls collected for VOCs. |
| | SW | | | | | 0 | |
| | BEDR | | WEATHERED BEDROCK. | | | | |

ROUX STANDARD LOG_ - 3/23/26 11:29 - S:\GINT\PROJECTS\3868.0005Y000 RI AND WC.GPJ

# ETSB-06/ETSV-01



| | | |
|---|---|---|
| Client: Bronx Park GTAH II LLC | Site: 310 East 161st Street | Project Number: Brownfield Cleanup Program #C203183. |
| Address: 310 East 161 Street | City/State: Bronx, New York | Logged By: E. Pagano |

| | | | |
|---|---|---|---|
| Start to Finish Date: 1/20/2026 - 1/20/2026 | Contractor: Trinity | Drill Type: Geoprobe | Sampler Type/Method: 2" Macro-Core |
| Borehole Depth: 12.25 feet | Backfill: Soil Cuttings - Sand - Bentonite | Borehole Diameter: 4-inches | DTW: |
| Area: NM | Elevation: NM | Latitude: NM | Longitude: NM |

| Depth (ft) | USCS | USCS Graphic | Visual Description | Sample Interval | Recovery (ft) | PID | Notes |
|---|---|---|---|---|---|---|---|
| | MIXD | | Brown, fine to coarse SAND, little Gravel, trace brick (FILL); moist. | G | 5 | 0 | ETSB-06 (0-2 in) collected for RI sample parameters. ETSB-06 (2-6 in) collected for RI sample parameters. |
| | | | | | | | ETSB-06 (2-4) and ETSB-06 (2-4)_P collected for RI sample parameters. |
| 5 | MIXD | | Brown, fine to coarse SAND, some Gravel, trace brick (FILL); moist. | | | 0 | |
| | SW | | Brown, fine to coarse SAND, trace gravel; moist. | | | 0 | ETSB-06 (6-8) collected for RI sample parameters. |
| 10 | | | | | | 0 | Soil vapor point ETSV-01 installed at 10 ft bls collected for VOCs. ETSB-6 (10-12) collected for RI sample parameters. |
| | BEDR | | WEATHERED BEDROCK. | | | | |

ROUX STANDARD LOG_ - 3/23/26 11:29 - S:\GINT\PROJECTS\3868.0005Y000 RI AND WC.GPJ

# ETSB-07/C3-2



| | | |
|---|---|---|
| Client: Bronx Park GTAH II LLC | Site: 310 East 161st Street | Project Number: Brownfield Cleanup Program #C203183. |
| Address: 310 East 161 Street | City/State: Bronx, New York | Logged By: M. Tanner |

| | | | |
|---|---|---|---|
| Start to Finish Date: 1/12/2026 - 1/12/2026 | Contractor: Trinity | Drill Type: Geoprobe | Sampler Type/Method: 2" Macro-Core |
| Borehole Depth: 13.5 feet | Backfill: Soil Cuttings | Borehole Diameter: 4-inches | DTW: |
| Area: NM | Elevation: NM | Latitude: NM | Longitude: NM |

| Depth (ft) | USCS | USCS Graphic | Visual Description | Sample Interval | Recovery (ft) | PID | Notes |
|---|---|---|---|---|---|---|---|
| | ASPH | | ASPHALT. | | | | |
| | | | Brown, fine to coarse SAND, little Brick, fine to coarse Gravel, and Silt (FILL); moist. | | | 79.8 | ETSB-07 (0-2 in) collected for RI sample parameters. |
| | MIXD | | | | | 289.0 | ETSB-07 (2-6 in) collected for RI sample parameters. |
| | | | | G | | 123.5 | WC-C3 (0-2) collected for WC composite sample parameters. |
| | | | Reddish brown, fine to coarse SAND, little Brick, fine to coarse Gravel, and Silt (FILL); moist. | | | 2.2 | ETSB-07 (2-4) and ETSB-07 (2-4)_P collected for RI sample parameters. |
| 5 | MIXD | | | | | 14.1 | |
| | | | | | | 5.5 | |
| | GW | | Light Gray, fine to coarse Gravel, some fine to coarse SAND, moist. | | | | |
| | SW | | Brown, fine to coarse SAND; moist | | | 0.9 | |
| | | | Gray, fine to coarse SAND, some fine to coarse Gravel; moist. | | | | |
| | SW | | | | | 0.5 | |
| 10 | | | | | | 29.5 | ETSB-07 (9-11) collected for RI sample parameters. |
| | SW | | Brown, fine to coarse SAND, some fine to coarse Gravel; moist. | | | | |
| | SW | | Yellow orange, fine to coarse SAND, some fine to coarse Gravel; moist. | | | 7.3 | |
| | | | | | | 1.7 | ETSB-07 (11.5-13.5) collected for RI sample parameters. |
| | SW | | Yellow orange, fine to coarse SAND, some fine to coarse Gravel, trace silt; moist. | | | | |
| | BEDR | | WEATHERED BEDROCK. | | | | |

ROUX STANDARD LOG_ - 3/23/26 11:29 - S:\GINT\PROJECTS\3868.0005Y000 RI AND WC.GPJ

# ETSB-08/ETMW-04/ETSV-04/DSS-3/C2-3



| | | |
|---|---|---|
| Client: Bronx Park GTAH II LLC | Site: 310 East 161st Street | Project Number: Brownfield Cleanup Program #C203183. |
| Address: 310 East 161 Street | City/State: Bronx, New York | Logged By: M. Tanner |

| | | | |
|---|---|---|---|
| Start to Finish Date: 1/13/2026 - 1/20/2026 | Contractor: Trinity | Drill Type: Geoprobe | Sampler Type/Method: 2" Macro-Core |
| Borehole Depth: 31 feet | Backfill: Soil Cuttings - Sand - Bentonite | Borehole Diameter: 4-inches | DTW: |
| Area: NM | Elevation: NM | Latitude: NM | Longitude: NM |

| | | | | | |
|---|---|---|---|---|---|
| Well Depth: 31 feet | Well Dia./Materials: 2-inch PVC | Screen Interval: 21-31 feet | Screen Slot Size: 0.02 | Sand/Filter Pack Size: Morie #2 | Annular Seal: 2 ft bentonite seal |

| Depth (ft) | Well Diagram | USCS | USCS Graphic | Visual Description | Sample Interval | Recovery (ft) | PID | Notes |
|---|---|---|---|---|---|---|---|---|
| 0 | J Plug | MIXD | | Brown, fine to coarse SAND, little Silt, brick, trace fine to coarse gravel [FILL]; moist. | G | 5 | 0.6 | ETSB-08 (0-2 in) collected for RI sample parameters from 0 to 2 inches bls. ETSB-08 (2-6 in) collected for RI sample parameters from 2 to 6 inches bls WC-C2 (0-2) collected for WC composite sample parameters from 0 to 2 ft bls ETSB-08 (2-4) and ETSB-08 (2-4)_P collected for RI sample parameters from 2 to 4 ft bls WC-DSS (2-9) was collected for WC composite sample parameters from 2 to 9 ft bls WC-DSS-3 (5-7) was collected for WC grab sample parameters from 5 to 7 ft bls Soil vapor point ETSV-04 installed at 11 ft bls collected for VOCs. |
| 5 | 2" PVC Riser | MIXD | | Dark grey, fine to coarse SAND, little silt, fine to coarse Gravel, trace brick [FILL]; moist. | | | 320.1 | |
| | Soil Cuttings | SW | | Grey, fine to coarse SAND, some Silt, little fine to coarse Gravel; moist. | | 3.5 | | |
| 10 | | | | | | 3 | 10.6 | |
| | | | | WEATHERED BEDROCK. | | | | |
| 15 | Grout | | | | | | | |
| 20 | #2 Morrie Sand | BEDR | | | | | | |
| | 2" 20 Slot PVC | | | | | | | |
| 25 | GROUND WATER LEVEL 1/29/2026 | | | | | | | |
| 30 | | | | | | | | |

ROUX STANDARD LOG_ - 3/23/26 11:29 - S:\GINT\PROJECTS\3868.0005Y000 RI AND WC.GPJ

# ETSB-09/ETSV-03/A1-3



| | | | |
|---|---|---|---|
| Client: Bronx Park GTAH II LLC | Site: 310 East 161st Street | Project Number: Brownfield Cleanup Program #C203183. | |
| Address: 310 East 161 Street | City/State: Bronx, New York | Logged By: E. Pagano | |
| Start to Finish Date: 1/19/2026 - 1/19/2026 | Contractor: Trinity | Drill Type: Geoprobe | Sampler Type/Method: 2" Macro-Core |
| Borehole Depth: 14.25 feet | Backfill: Soil Cuttings - Sand - Bentonite | Borehole Diameter: 4-inches | DTW: |
| Area: NM | Elevation: NM | Latitude: NM | Longitude: NM |

| Depth (ft) | USCS | USCS Graphic | Visual Description | Sample Interval | Recovery (ft) | PID | Notes |
|---|---|---|---|---|---|---|---|
| | ASPH | | ASPHALT. | | | | |
| | MIXD | | Dark brown, fine to coarse SAND, little fine to coarse Gravel, trace brick and concrete (FILL); moist. | | | | ETSB-09 (0-2 in) collected for RI sample parameters. ETSB-09 (2-6 in) collected for RI sample parameters. |
| | SWG | | Brown, fine to coarse SAND, little fine to coarse Gravel; moist. | G | 5 | | |
| | SWG | | Reddish brown, fine to coarse SAND, little fine to coarse Gravel; moist. | | | | ETSB-09 (2-4) and ETSB-09 (2-4)_P collected for RI sample parameters. |
| | SWG | | Brown, fine to coarse SAND, little fine to coarse Gravel; moist. | | | | |
| 5 | SWG | | Brown, fine to coarse SAND, little fine to coarse Gravel, trace silt ; moist. | | | | WC-A1 (0-10) collected for WC composite sample parameters. |
| | SWG | | Brown, fine to coarse SAND, little fine to coarse Gravel; moist. | | 5 | | ETSB-09 (6-8) collected for RI sample parameters. |
| | SWG | | Grey, fine to coarse SAND, little fine to coarse Gravel; moist. | | | | |
| 10 | SWG | | Light brown, fine to coarse SAND, little fine to coarse Gravel ; moist. | | | | ETSB-09 (10-12) collected for RI sample parameters. |
| | SWG | | Brown, fine to coarse SAND, little fine to coarse Gravel; moist. | | | | WC-A1 (10-14) collected for WC composite sample parameters. |
| | SWG | | Light brown, fine to coarse SAND, little fine to coarse Gravel; moist. | | 3.5 | | WC-A1-3 (12-14) collected for WC grab sample parameters. |
| | SWG | | Brown, fine to coarse SAND, little fine to coarse Gravel; moist. | | | | Soil vapor point ETSV-03 installed at 12 ft bls collected for VOCs. |
| | BEDR | | WEATHERED BEDROCK. | | | | |

ROUX STANDARD LOG_ - 3/23/26 11:29 - S:\GINT\PROJECTS\3868.0005Y000 RI AND WC.GPJ

# ETSB-10/ETSV-02/A3-3



| | | |
|---|---|---|
| Client: Bronx Park GTAH II LLC | Site: 310 East 161st Street | Project Number: Brownfield Cleanup Program #C203183. |
| Address: 310 East 161 Street | City/State: Bronx, New York | Logged By: E. Pagano |

| | | | |
|---|---|---|---|
| Start to Finish Date: 1/23/2026 - 1/23/2026 | Contractor: Trinity | Drill Type: Geoprobe | Sampler Type/Method: 2" Macro-Core |
| Borehole Depth: 13.25 feet | Backfill: Soil Cuttings - Sand - Bentonite | Borehole Diameter: 4-inches | DTW: |
| Area: NM | Elevation: NM | Latitude: NM | Longitude: NM |

| Depth (ft) | USCS | USCS Graphic | Visual Description | Sample Interval | Recovery (ft) | PID | Notes |
|---|---|---|---|---|---|---|---|
| | MIXD | | Dark brown, fine to coarse SAND, trace silt and wood (FILL); moist. | | | 0 | ETSB-10 (0-2 in) collected for RI sample parameters. ETSB-10 (2-6 in) collected for RI sample parameters. |
| | SW | | Brown, fine to coarse SAND, trace gravel; moist. | G | 5 | 0 | ETSB-10 (2-4) and ETSB-10 (2-4)_P collected for RI sample parameters. |
| 5 | | | | | | | WC-A3 (0-10) collected for WC composite sample parameters. |
| | SW | | Dark brown, fine to coarse SAND, trace gravel; moist. | | 5 | 0 | ETSB-10 (6-8) collected for RI sample parameters. |
| | SW | | Brown, fine to coarse SAND, trace gravel; moist. | | | | ETSB-10 (9-11) collected for RI sample parameters. |
| 10 | SW | | Light brown, fine to coarse SAND, trace gravel and silt; moist. | | | 0 | |
| | SW | | Brown, fine to coarse SAND, trace silt and gravel; moist. | | 2 | | Soil vapor point ETSV-02 installed at 11 ft bls collected for VOCs. |
| | SW | | Light brown, fine to coarse SAND, little Silt, trace gravel; moist. | | | | WC-A3 (10-13) collected for WC composite sample parameters. |
| | BEDR | | WEATHERED BEDROCK. | | | | |

ROUX STANDARD LOG_ - 3/23/26 11:29 - S:\GINT\PROJECTS\3868.0005Y000 RI AND WC.GPJ

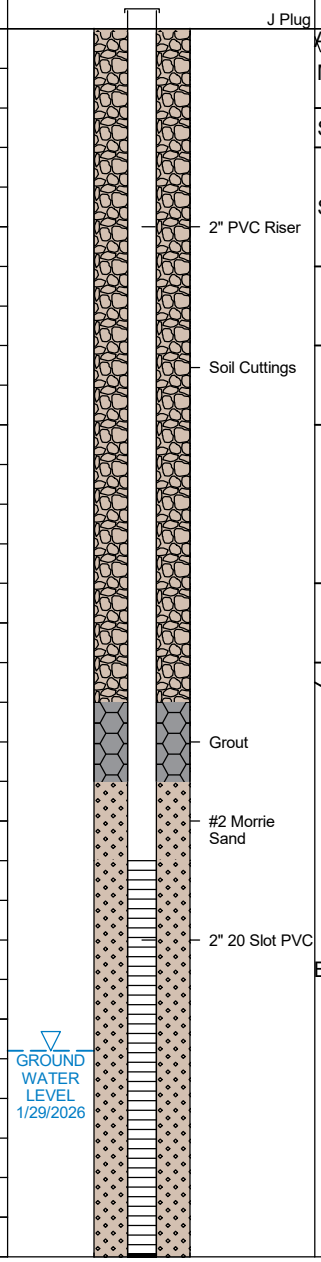
# ETSB-11/ETMW-05/DSN-C1-4



| | | |
|---|---|---|
| Client: Bronx Park GTAH II LLC | Site: 310 East 161st Street | Project Number: Brownfield Cleanup Program #C203183. |
| Address: 310 East 161 Street | City/State: Bronx, New York | Logged By: E. Pagano |

| | | | |
|---|---|---|---|
| Start to Finish Date: 1/15/2026 - 1/21/2026 | Contractor: Trinity | Drill Type: Geoprobe | Sampler Type/Method: 2" Macro-Core |
| Borehole Depth: 31 feet | Backfill: Soil Cuttings - Sand - Bentonite | Borehole Diameter: 4-inches | DTW: |
| Area: NM | Elevation: NM | Latitude: NM | Longitude: NM |

| | | | | | |
|---|---|---|---|---|---|
| Well Depth: 31 feet | Well Dia./Materials: 2-inch PVC | Screen Interval: 21-31 feet | Screen Slot Size: 0.02 | Sand/Filter Pack Size: Morie #2 | Annular Seal: 2 ft bentonite seal |




| Depth (ft) | USCS | USCS Graphic | Visual Description | Sample Interval | Recovery (ft) | PID | Notes |
|---|---|---|---|---|---|---|---|
| 0 | ASPH | | ASPHALT. | | | 0 | ETSB-11 (0-2 in) collected for RI sample parameters.. ETSB-11 (2-6 in) collected for RI sample parameters. WC-C1 (0-2) collected for WC composite sample parameters. ETSB-11 (2-4) and ETSB-11 (2-4)_P collected for RI sample parameters. |
| | MIXD | | Brown, fine to coarse SAND, some fine to coarse Gravel, trace brick (FILL); moist. | G | 5 | 0.2 | |
| | SWG | | Brown, fine to coarse SAND, some fine to coarse Gravel; moist. | | | | |
| 5 | SWG | | Brown, fine to coarse SAND, some fine to coarse Gravel, trace silt; moist. | | | 0 | |
| | SW | | Light brown, fine to coarse SAND, trace fine to coarse gravel and silt: moist. | | 5 | 0 | ETSB-11 (6-8) collected for RI sample parameters. |
| | SW | | Reddish brown, fine to coarse SAND, trace fine to coarse gravel, trace silt: moist. | | | | |
| 10 | SW | | Light brown, fine to coarse SAND, trace fine to coarse gravel, trace silt: moist. | | 5 | 0 | ETSB-11 (10-12) collected for RI sample parameters. |
| | SW | | Brown, fine to coarse SAND, trace fine to coarse gravel and silt: moist. | | | 0 | |
| 15 | SW | | Greenish grey, fine to coarse SAND, trace fine to coarse gravel, trace silt: moist. | | 1.5 | | ETSB-11 (14.5-16.5) collected for RI sample parameters. |
| | BEDR | | WEATHERED BEDROCK. | | | | |
| 20 | | | | | | | |
| 25 | | | | | | | |
| 30 | | | | | | | |

ROUX STANDARD LOG_ - 3/23/26 11:29 - S:\GINT\PROJECTS\3868.0005Y000 RI AND WC.GPJ

# APPENDIX I

Analytical Data Laboratory Reports

# APPENDIX J

Data Usability Summary Report

# APPENDIX K

Green and Sustainable Remediation –
Environmental Footprint Analysis

## Sustainable Remediation Summary - Site Preparation

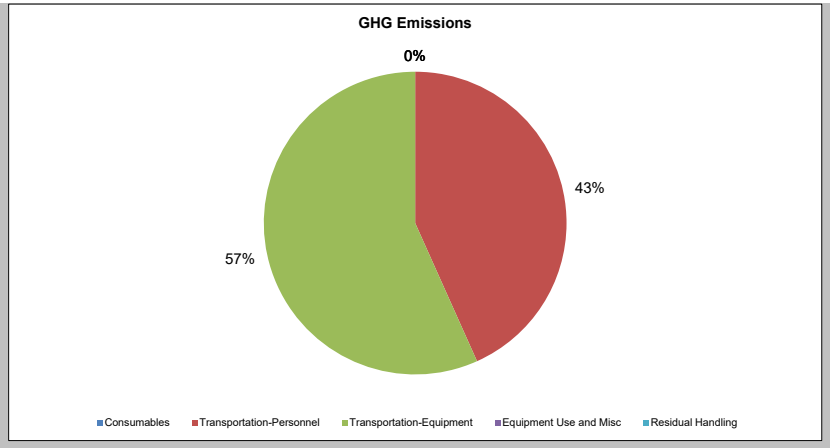
| Activities | GHG Emissions | Percent Total | Total Energy Used | Percent Total | Water Consumption | Percent Total | Electricity Usage | Percent Total | Onsite NOx Emissions | Percent Total | Onsite SOx Emissions | Percent Total | Onsite PM10 Emissions | Percent Total | Total NOx Emissions | Percent Total | Total SOx Emissions | Percent Total | Total PM10 Emissions | Percent Total | Accident Risk Fatality | Percent Total | Accident Risk Injury | Percent Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | metric ton | % | MMBTU | % | gallons | % | MWH | % | metric ton | % | metric ton | % | metric ton | % | metric ton | % | metric ton | % | metric ton | % | | % | | % |
| Consumables | 0.00 | - | 0.0E+00 | - | NA | NA | NA | NA | NA | - | NA | - | NA | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | NA | NA | NA | NA |
| Transportation-Personnel | 0.07 | 43.3 | 9.2E-01 | 41.3 | NA | NA | NA | NA | NA | - | NA | - | NA | - | 2.8E-05 | 47.6 | 9.5E-07 | 43.2 | 4.6E-06 | 64.6 | 1.8E-06 | 47.3 | 1.4E-04 | 26.0 |
| Transportation-Equipment | 0.10 | 56.7 | 1.3E+00 | 58.7 | NA | NA | NA | NA | NA | - | NA | - | NA | - | 3.1E-05 | 52.4 | 1.3E-06 | 56.8 | 2.5E-06 | 35.4 | 5.2E-07 | 13.9 | 4.2E-05 | 7.6 |
| Equipment Use and Misc | 0.00 | - | 0.0E+00 | - | 0.0E+00 | 0.0 | 0.0E+00 | 0.0 | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 1.5E-06 | 38.8 | 3.7E-04 | 66.4 |
| Residual Handling | 0.00 | - | 0.0E+00 | - | NA | NA | NA | NA | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - |
| Total | 0.17 | 100.0 | 2.23E+00 | 100.0 | 0.00E+00 | 0.0 | 0.00E+00 | 0.0 | 0.00E+00 | 0.0 | 0.00E+00 | 0.0 | 0.00E+00 | 0.0 | 5.88E-05 | 100.0 | 2.21E-06 | 100.0 | 7.06E-06 | 100.0 | 3.77E-06 | 100.0 | 5.54E-04 | 100.0 |

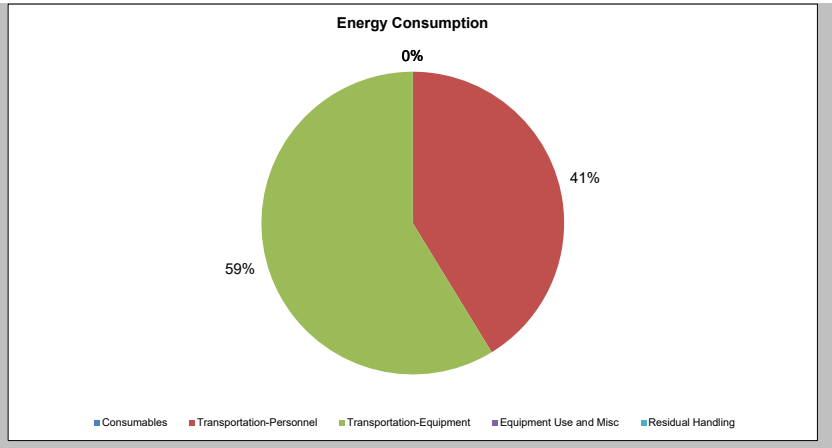
**Additional Sustainability Metrics**

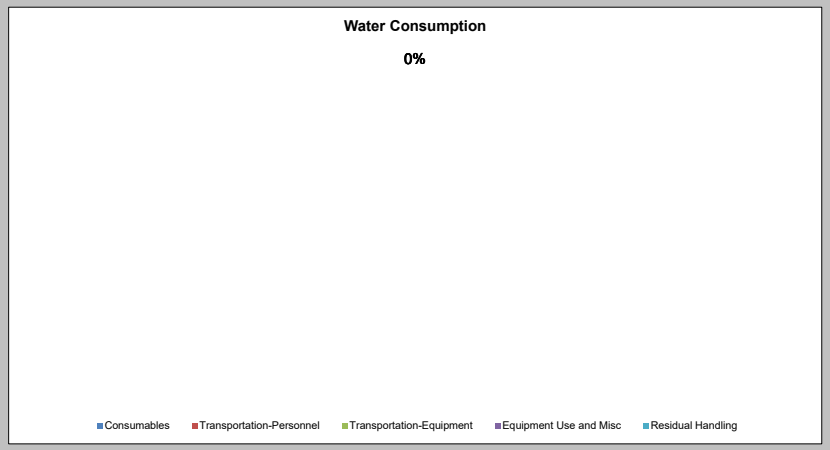
| | |
|---|---|
| Non-Hazardous Waste Landfill Space (tons) | 0.0 |
| Hazardous Waste Landfill Space (tons) | 0.0 |
| Topsoil Consumption ($yd^3$) | 0.0 |
| Cost of Phase ($) | 0.0 |
| Lost Hours - Injury | 0.0 |

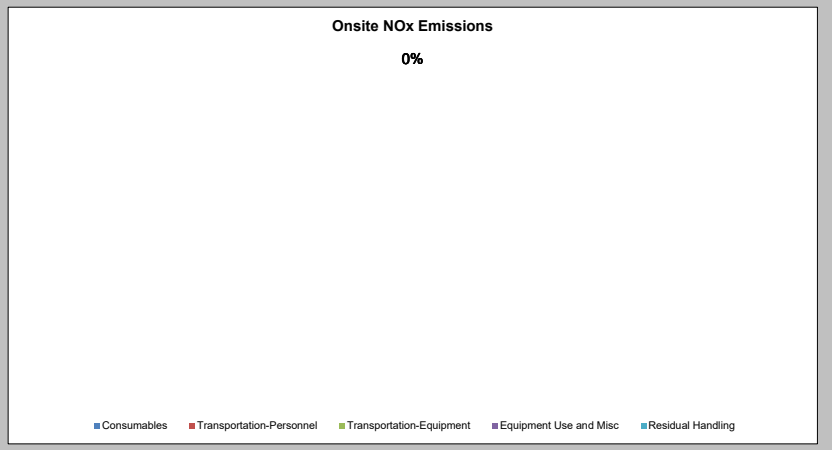
**Footprint Reduction**

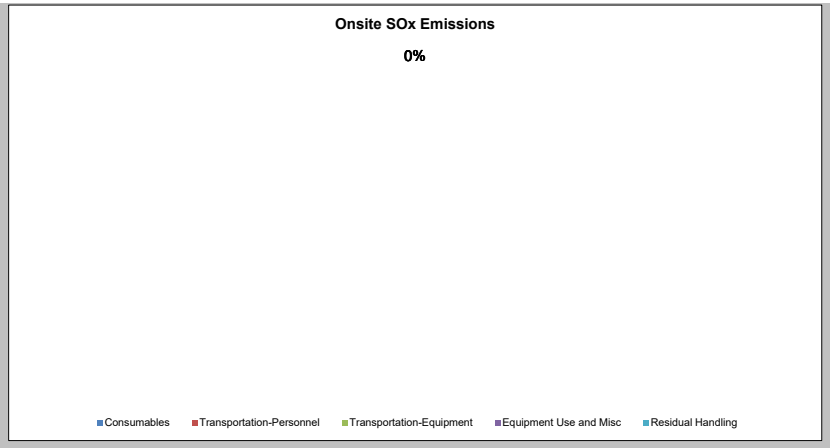
| | |
|---|---|
| Total electricity replacement (MWh) | 0.00E+00 |
| Total electricity replacement (mmBtu) | 0.00E+00 |
| Percent electricity from renewable sources (%) | 0.0% |
| Landfill gas reduction (metric ton $CO_2$ e) | 0.00E+00 |
| GHG emissions (metric ton CO2 e) | 0.00E+00 |
| NOx emissions (metric ton) | 0.00E+00 |
| SOx emissions (metric ton) | 0.00E+00 |
| PM10 emissions (metric ton) | 0.00E+00 |

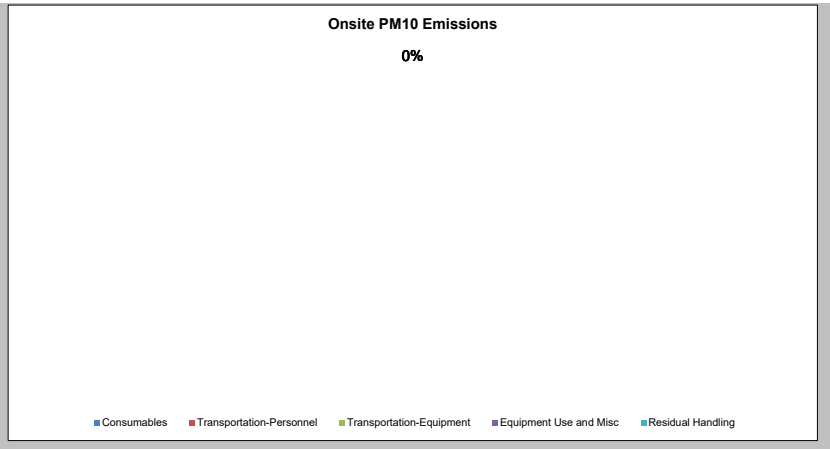

GHG Emissions
0%
43%
57%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

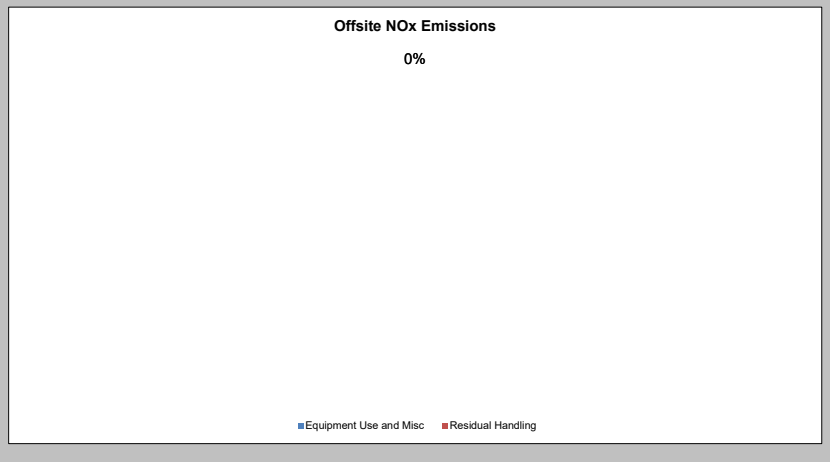

Energy Consumption
0%
41%
59%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

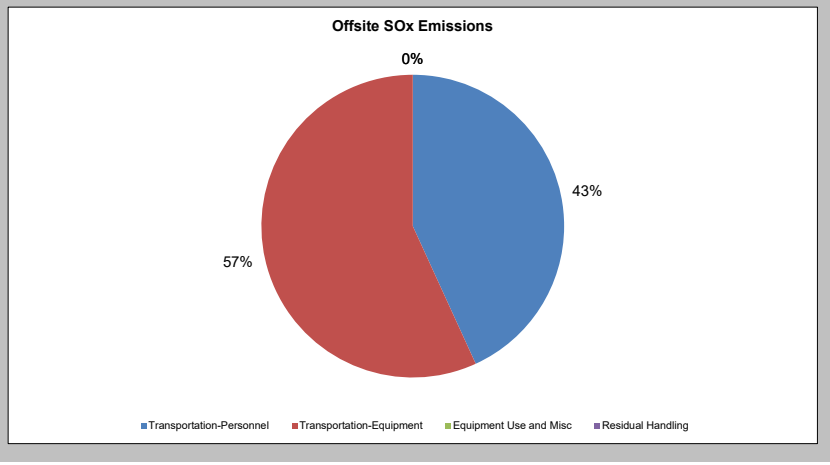

Water Consumption
0%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

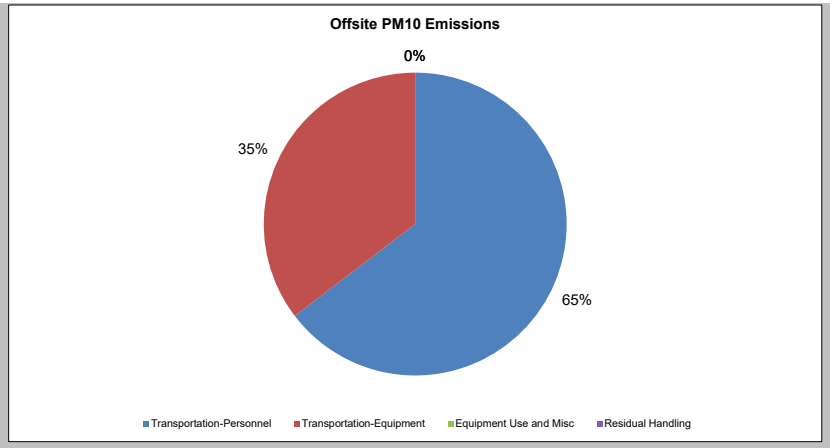

Onsite NOx Emissions
0%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

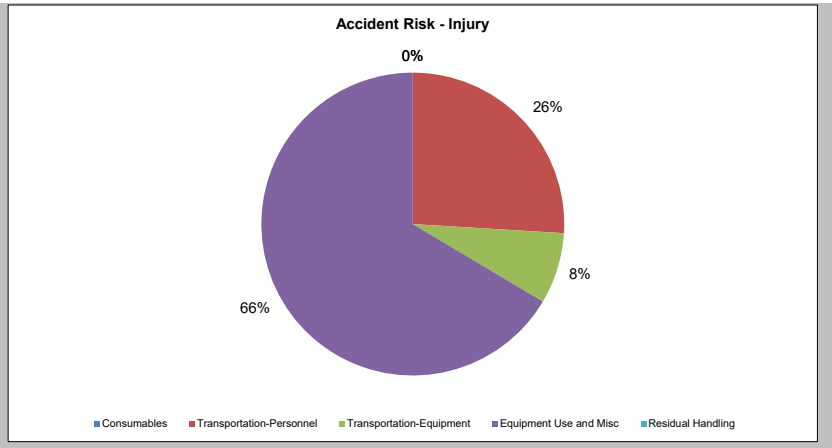

Onsite SOx Emissions
0%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

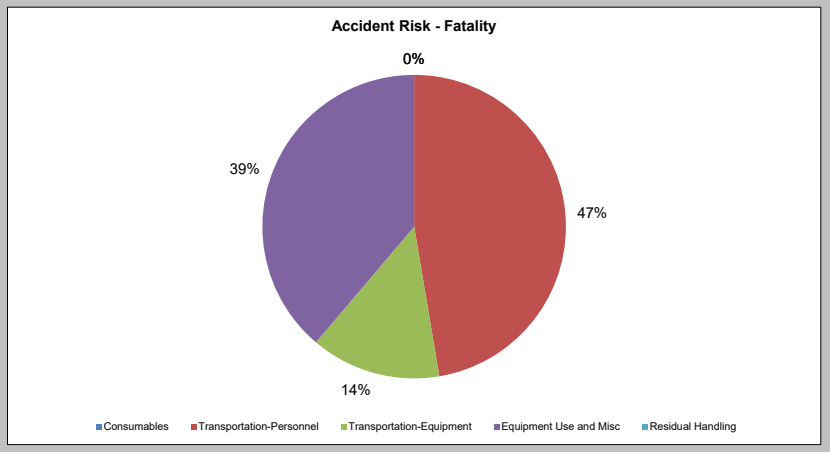

Onsite PM10 Emissions
0%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling


Offsite NOx Emissions
0%
Equipment Use and Misc
Residual Handling


Offsite SOx Emissions
0%
43%
57%
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling


Offsite PM10 Emissions
0%
35%
65%
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling


Accident Risk - Injury
0%
26%
8%
66%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling


Accident Risk - Fatality
0%
39%
47%
14%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

## Sustainable Remediation Summary - Sample Point Installation

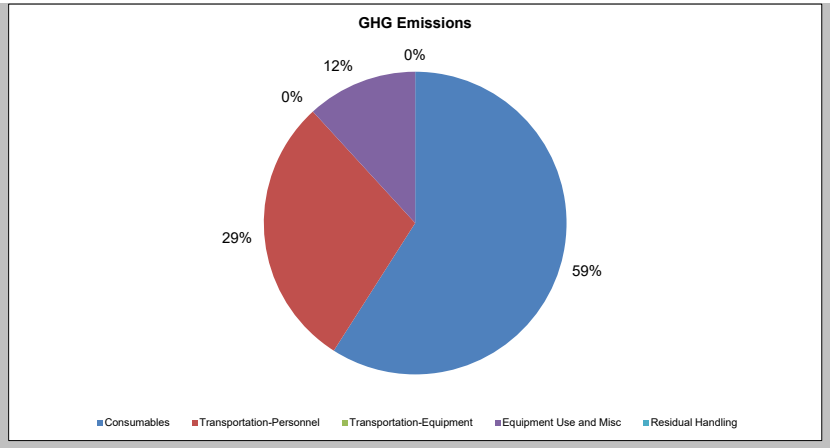
| Activities | GHG Emissions | Percent Total | Total Energy Used | Percent Total | Water Consumption | Percent Total | Electricity Usage | Percent Total | Onsite NOx Emissions | Percent Total | Onsite SOx Emissions | Percent Total | Onsite PM10 Emissions | Percent Total | Total NOx Emissions | Percent Total | Total SOx Emissions | Percent Total | Total PM10 Emissions | Percent Total | Accident Risk Fatality | Percent Total | Accident Risk Injury | Percent Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | metric ton | % | MMBTU | % | gallons | % | MWH | % | metric ton | % | metric ton | % | metric ton | % | metric ton | % | metric ton | % | metric ton | % | | % | | % |
| Consumables | 1.36 | 59.0 | 5.4E+02 | 97.9 | NA | NA | NA | NA | NA | - | NA | - | NA | - | 2.3E-03 | 47.8 | 3.1E-03 | 91.4 | 4.0E-04 | 62.2 | NA | NA | NA | NA |
| Transportation-Personnel | 0.67 | 29.1 | 8.5E+00 | 1.5 | NA | NA | NA | NA | NA | - | NA | - | NA | - | 2.7E-04 | 5.7 | 8.8E-06 | 0.3 | 4.3E-05 | 6.7 | 1.7E-05 | 53.4 | 1.4E-03 | 26.8 |
| Transportation-Equipment | 0.00 | - | 0.0E+00 | - | NA | NA | NA | NA | NA | - | NA | - | NA | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - |
| Equipment Use and Misc | 0.27 | 11.8 | 3.3E+00 | 0.6 | 0.0E+00 | 0.0 | 0.0E+00 | 0.0 | 2.1E-03 | 100.0 | 2.1E-04 | 100.0 | 1.8E-04 | 100.0 | 2.2E-03 | 46.5 | 2.8E-04 | 8.4 | 2.0E-04 | 31.0 | 1.5E-05 | 46.6 | 3.8E-03 | 73.2 |
| Residual Handling | 0.00 | - | 0.0E+00 | - | NA | NA | NA | NA | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - |
| Total | 2.30 | 100.0 | 5.56E+02 | 100.0 | 0.00E+00 | 0.0 | 0.00E+00 | 0.0 | 2.05E-03 | 100.0 | 2.05E-04 | 100.0 | 1.77E-04 | 100.0 | 4.73E-03 | 100.0 | 3.40E-03 | 100.0 | 6.43E-04 | 100.0 | 3.26E-05 | 100.0 | 5.22E-03 | 100.0 |

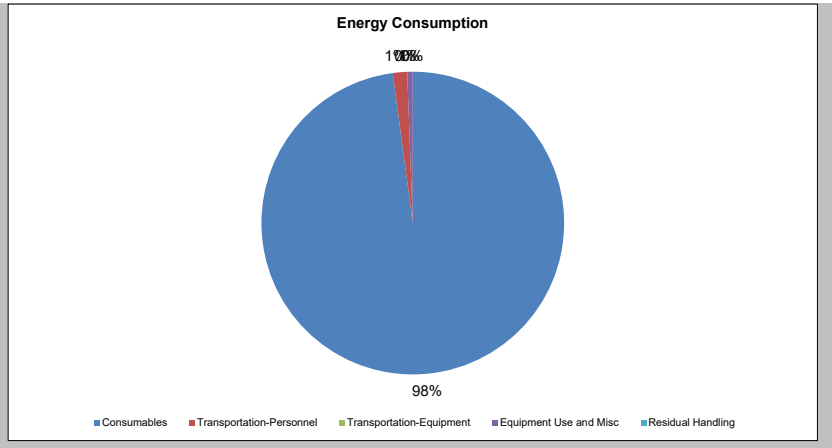
**Additional Sustainability Metrics**

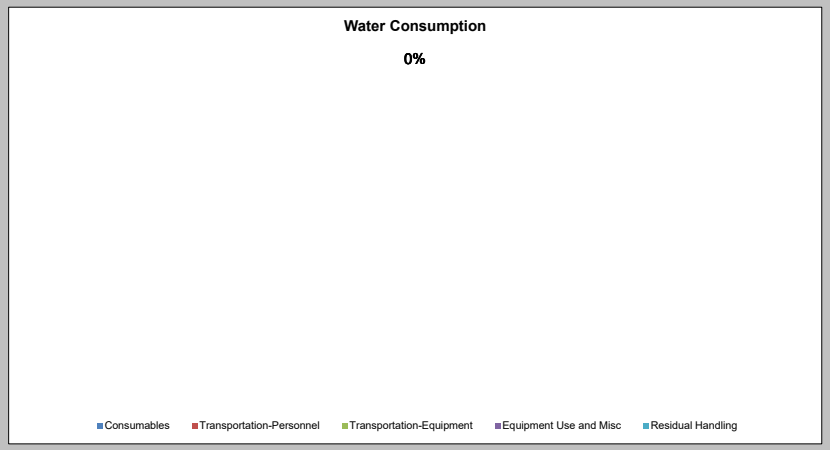
| | |
|---|---|
| Non-Hazardous Waste Landfill Space (tons) | 0.0 |
| Hazardous Waste Landfill Space (tons) | 0.0 |
| Topsoil Consumption ($yd^3$) | 0.0 |
| Cost of Phase ($) | 0.0 |
| Lost Hours - Injury | 0.0 |

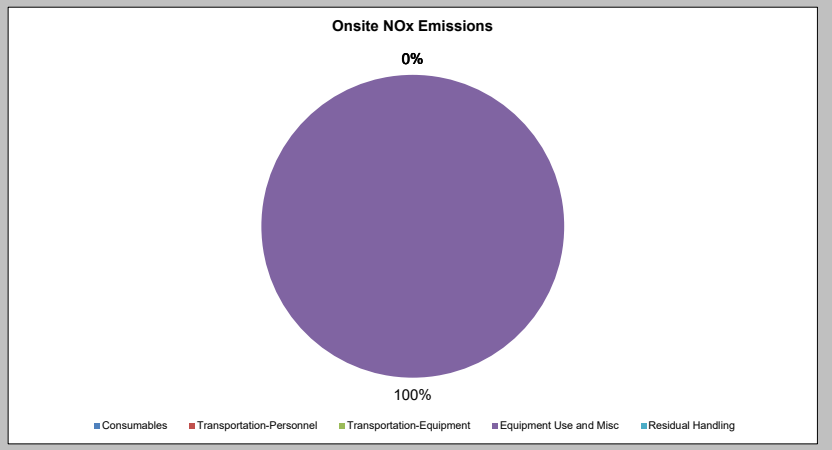
**Footprint Reduction**

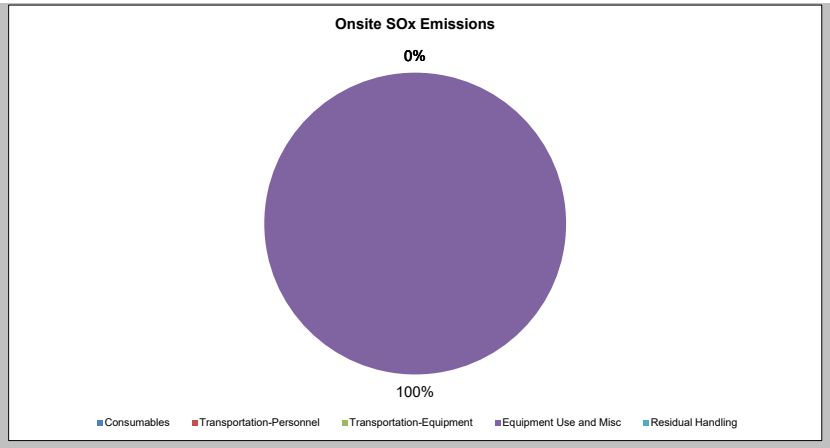
| | |
|---|---|
| Total electricity replacement (MWh) | 0.00E+00 |
| Total electricity replacement (mmBtu) | 0.00E+00 |
| Percent electricity from renewable sources (%) | 0.0% |
| Landfill gas reduction (metric ton $CO_2$ e) | 0.00E+00 |
| GHG emissions (metric ton CO2 e) | 0.00E+00 |
| NOx emissions (metric ton) | 0.00E+00 |
| SOx emissions (metric ton) | 0.00E+00 |
| PM10 emissions (metric ton) | 0.00E+00 |

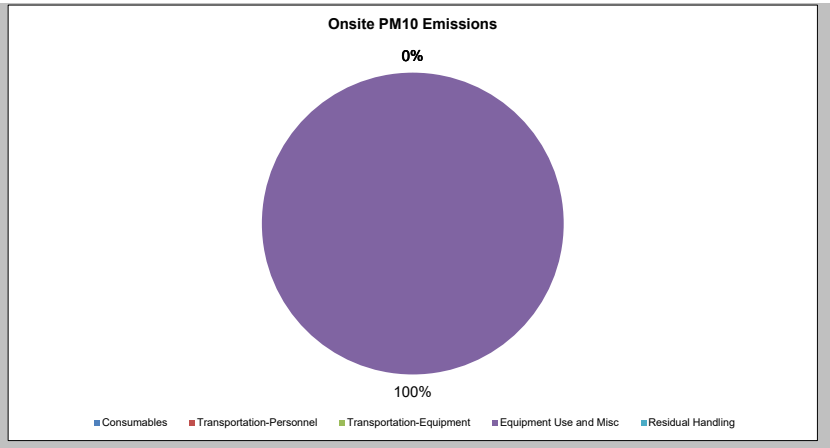

GHG Emissions
0%
12%
0%
29%
59%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

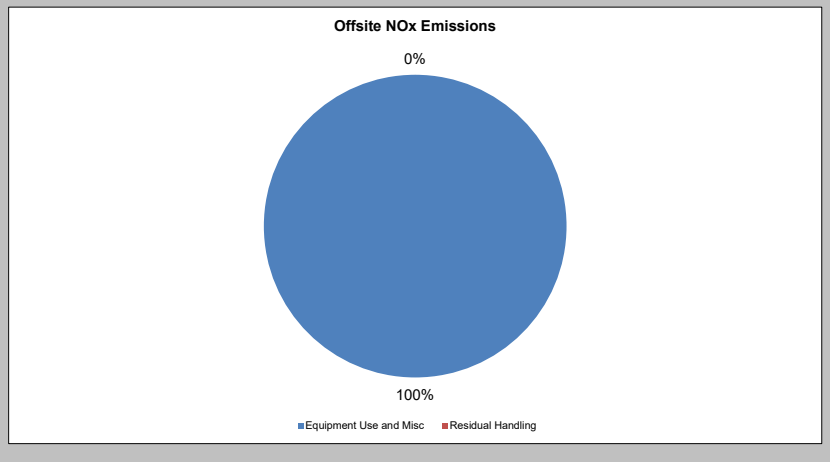

Energy Consumption
98%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

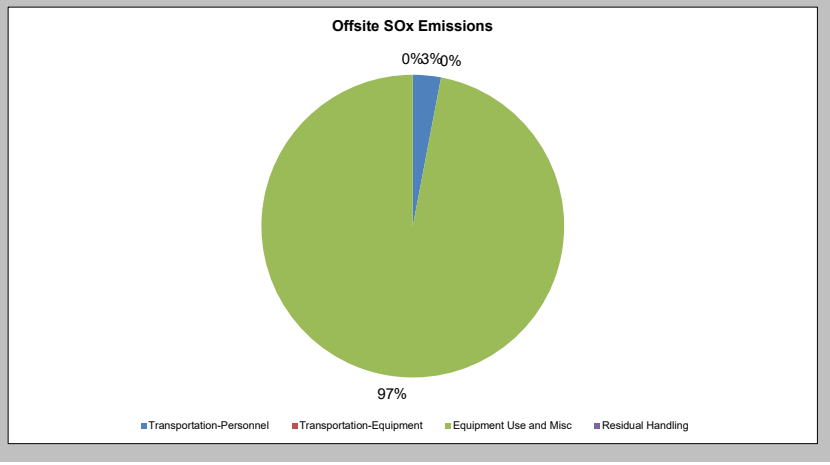

Water Consumption
0%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

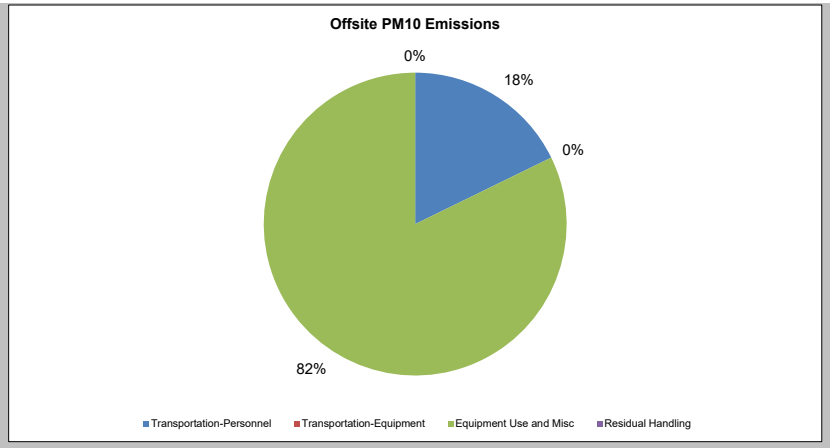

Onsite NOx Emissions
0%
100%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

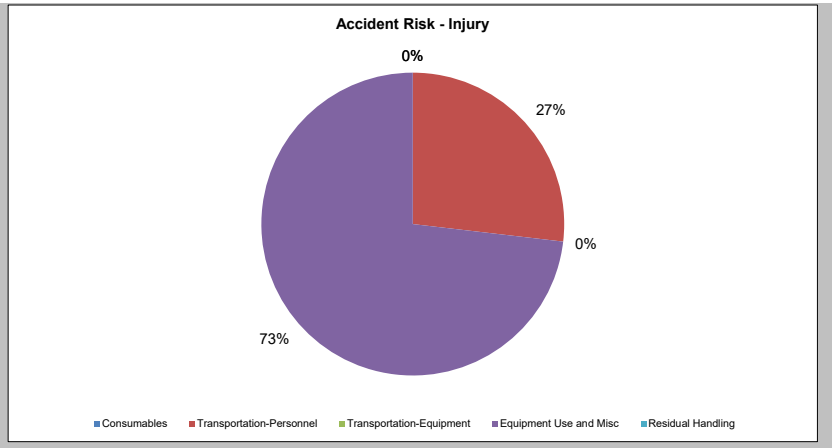

Onsite SOx Emissions
0%
100%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

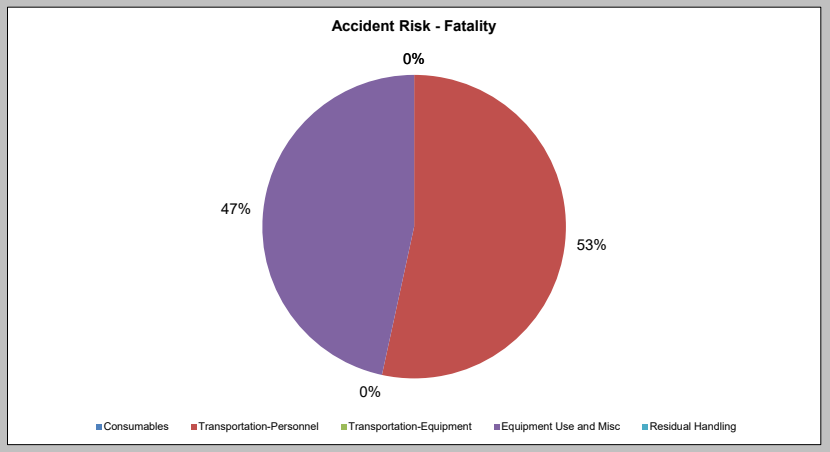

Onsite PM10 Emissions
0%
100%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling


Offsite NOx Emissions
0%
100%
Equipment Use and Misc
Residual Handling


Offsite SOx Emissions
0%
3%
0%
97%
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling


Offsite PM10 Emissions
0%
18%
0%
82%
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling


Accident Risk - Injury
0%
27%
0%
73%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling


Accident Risk - Fatality
0%
47%
53%
0%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

## Sustainable Remediation Summary - Sample Collection and Site Survey

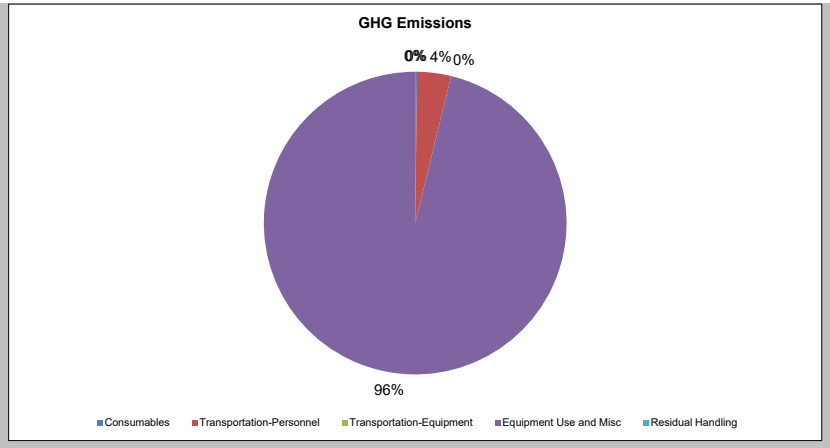
| Activities | GHG Emissions | Percent Total | Total Energy Used | Percent Total | Water Consumption | Percent Total | Electricity Usage | Percent Total | Onsite NOx Emissions | Percent Total | Onsite SOx Emissions | Percent Total | Onsite PM10 Emissions | Percent Total | Total NOx Emissions | Percent Total | Total SOx Emissions | Percent Total | Total PM10 Emissions | Percent Total | Accident Risk Fatality | Percent Total | Accident Risk Injury | Percent Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | metric ton | % | MMBTU | % | gallons | % | MWH | % | metric ton | % | metric ton | % | metric ton | % | metric ton | % | metric ton | % | metric ton | % | | % | | % |
| Consumables | 0.02 | 0.2 | 7.3E-01 | 0.6 | NA | NA | NA | NA | NA | - | NA | - | NA | - | 3.6E-05 | 0.1 | 4.8E-05 | 0.2 | 6.0E-06 | 0.2 | NA | NA | NA | NA |
| Transportation-Personnel | 0.33 | 3.6 | 4.2E+00 | 3.2 | NA | NA | NA | NA | NA | - | NA | - | NA | - | 1.0E-04 | 0.2 | 4.3E-06 | 0.0 | 2.1E-05 | 0.6 | 5.9E-06 | 99.4 | 4.7E-04 | 91.5 |
| Transportation-Equipment | 0.00 | - | 0.0E+00 | - | NA | NA | NA | NA | NA | - | NA | - | NA | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - |
| Equipment Use and Misc | 8.85 | 96.2 | 1.3E+02 | 96.3 | 0.0E+00 | 0.0 | 0.0E+00 | 0.0 | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 4.2E-02 | 99.7 | 3.2E-02 | 99.8 | 3.5E-03 | 99.2 | 3.6E-08 | 0.6 | 4.4E-05 | 8.5 |
| Residual Handling | 0.00 | - | 0.0E+00 | - | NA | NA | NA | NA | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - |
| Total | 9.20 | 100.0 | 1.31E+02 | 100.0 | 0.00E+00 | 0.0 | 0.00E+00 | 0.0 | 0.00E+00 | 0.0 | 0.00E+00 | 0.0 | 0.00E+00 | 0.0 | 4.26E-02 | 100.0 | 3.19E-02 | 100.0 | 3.56E-03 | 100.0 | 5.93E-06 | 100.0 | 5.18E-04 | 100.0 |

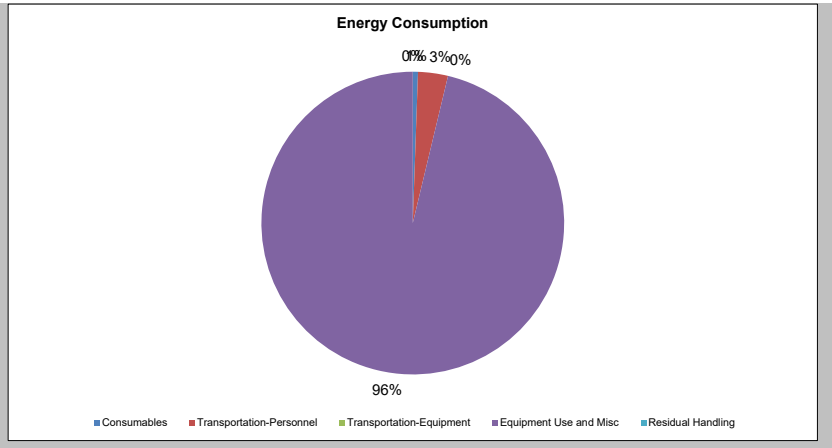
**Additional Sustainability Metrics**

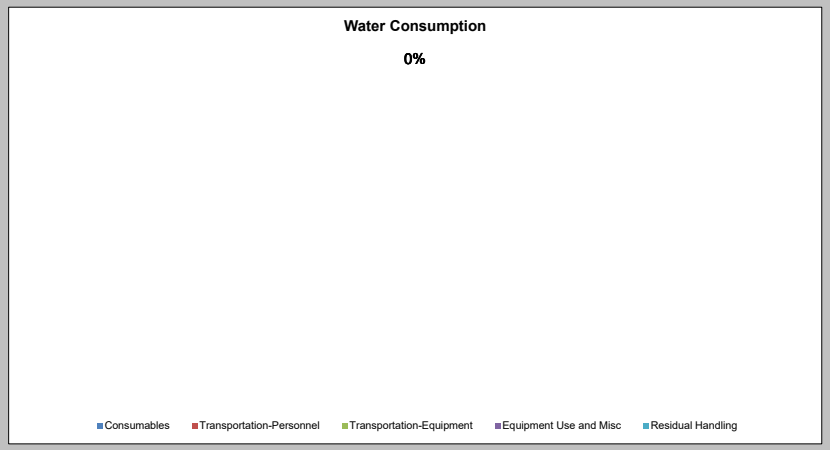
| | |
|---|---|
| Non-Hazardous Waste Landfill Space (tons) | 0.0 |
| Hazardous Waste Landfill Space (tons) | 0.0 |
| Topsoil Consumption ($yd^3$) | 0.0 |
| Cost of Phase ($) | 0.0 |
| Lost Hours - Injury | 0.0 |

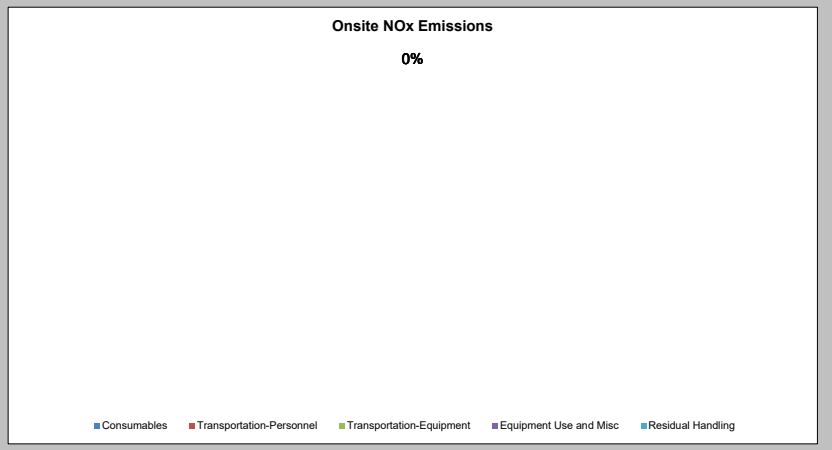
**Footprint Reduction**

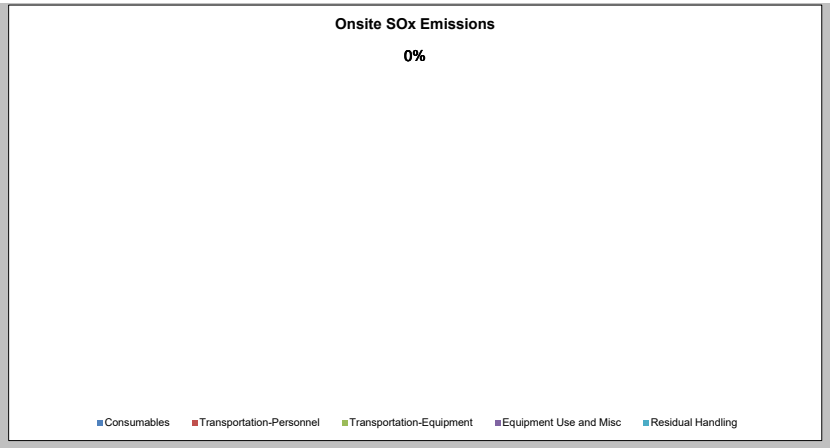
| | |
|---|---|
| Total electricity replacement (MWh) | 0.00E+00 |
| Total electricity replacement (mmBtu) | 0.00E+00 |
| Percent electricity from renewable sources (%) | 0.0% |
| Landfill gas reduction (metric ton $CO_2$ e) | 0.00E+00 |
| GHG emissions (metric ton CO2 e) | 0.00E+00 |
| NOx emissions (metric ton) | 0.00E+00 |
| SOx emissions (metric ton) | 0.00E+00 |
| PM10 emissions (metric ton) | 0.00E+00 |

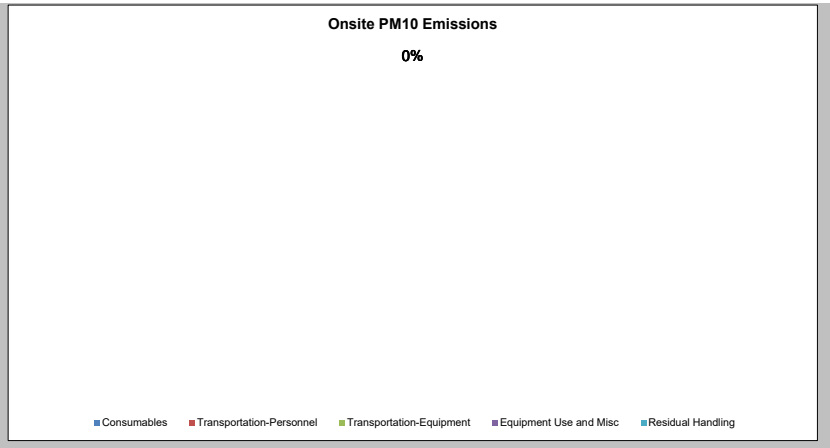

GHG Emissions
0%
4%
0%
96%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

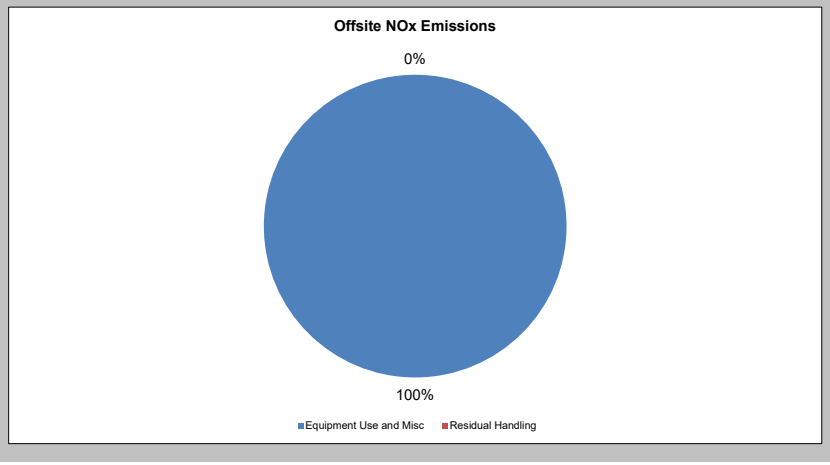

Energy Consumption
0%
3%
0%
96%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

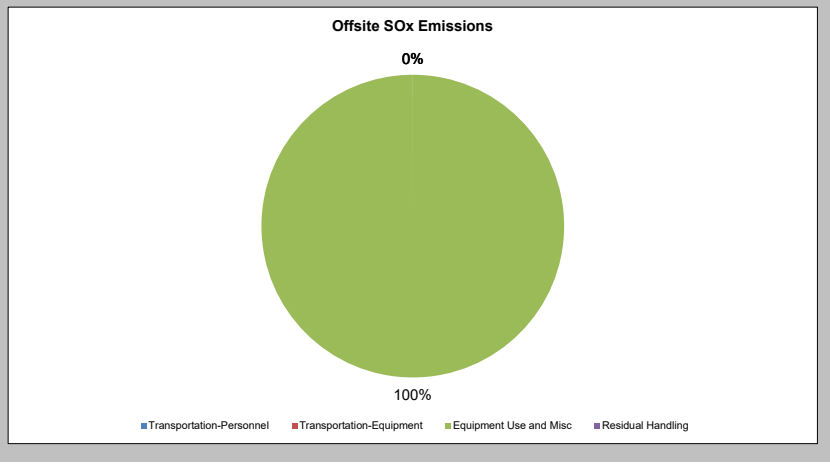

Water Consumption
0%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

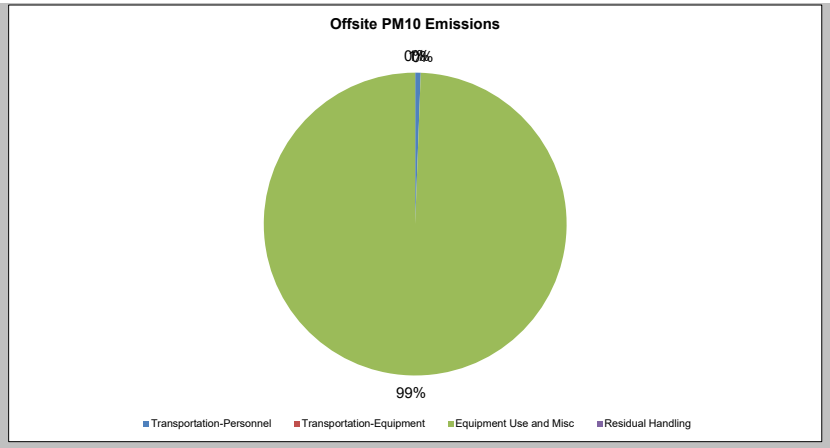

Onsite NOx Emissions
0%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

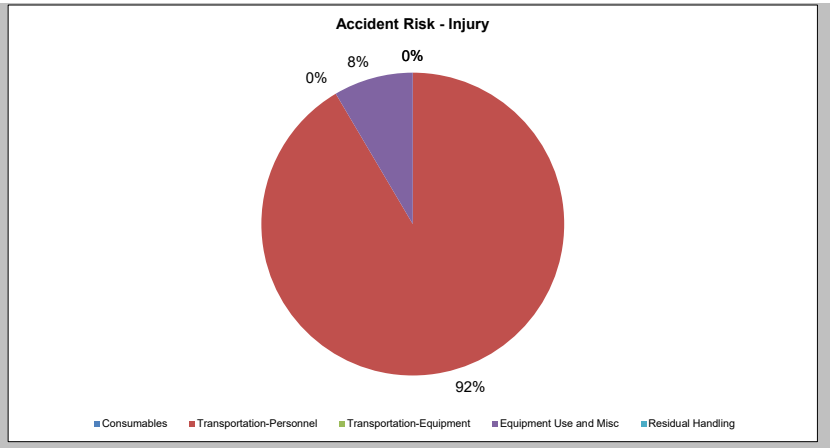

Onsite SOx Emissions
0%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

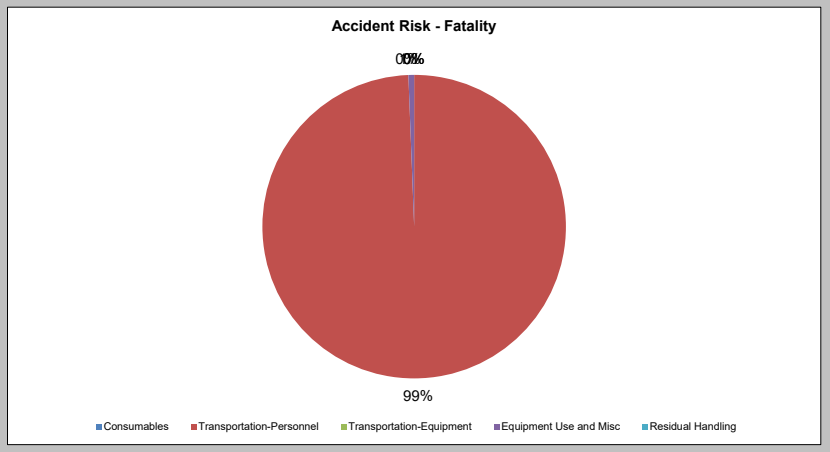

Onsite PM10 Emissions
0%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling


Offsite NOx Emissions
0%
100%
Equipment Use and Misc
Residual Handling


Offsite SOx Emissions
0%
100%
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling


Offsite PM10 Emissions
99%
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling


Accident Risk - Injury
0%
8%
0%
92%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling


Accident Risk - Fatality
99%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

## Sustainable Remediation Summary - Waste Disposal

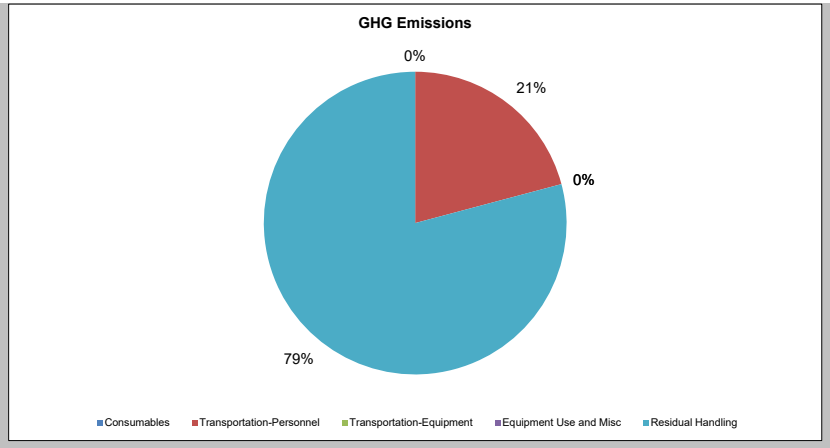
| Activities | GHG Emissions | Percent Total | Total Energy Used | Percent Total | Water Consumption | Percent Total | Electricity Usage | Percent Total | Onsite NOx Emissions | Percent Total | Onsite SOx Emissions | Percent Total | Onsite PM10 Emissions | Percent Total | Total NOx Emissions | Percent Total | Total SOx Emissions | Percent Total | Total PM10 Emissions | Percent Total | Accident Risk Fatality | Percent Total | Accident Risk Injury | Percent Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | metric ton | % | MMBTU | % | gallons | % | MWH | % | metric ton | % | metric ton | % | metric ton | % | metric ton | % | metric ton | % | metric ton | % | | % | | % |
| Consumables | 0.00 | - | 0.0E+00 | - | NA | NA | NA | NA | NA | - | NA | - | NA | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | NA | NA | NA | NA |
| Transportation-Personnel | 0.02 | 20.9 | 2.9E-01 | 19.5 | NA | NA | NA | NA | NA | - | NA | - | NA | - | 8.5E-06 | 23.2 | 3.0E-07 | 20.7 | 1.7E-06 | 43.1 | 4.7E-07 | 33.1 | 3.8E-05 | 12.9 |
| Transportation-Equipment | 0.00 | - | 0.0E+00 | - | NA | NA | NA | NA | NA | - | NA | - | NA | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - |
| Equipment Use and Misc | 0.00 | - | 0.0E+00 | - | 0.0E+00 | 0.0 | 0.0E+00 | 0.0 | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 4.8E-07 | 33.7 | 2.2E-04 | 74.1 |
| Residual Handling | 0.09 | 79.1 | 1.2E+00 | 80.5 | NA | NA | NA | NA | 0.0E+00 | - | 0.0E+00 | - | 0.0E+00 | - | 2.8E-05 | 76.8 | 1.1E-06 | 79.3 | 2.3E-06 | 56.9 | 4.7E-07 | 33.1 | 3.8E-05 | 12.9 |
| Total | 0.11 | 100.0 | 1.48E+00 | 100.0 | 0.00E+00 | 0.0 | 0.00E+00 | 0.0 | 0.00E+00 | 0.0 | 0.00E+00 | 0.0 | 0.00E+00 | 0.0 | 3.64E-05 | 100.0 | 1.44E-06 | 100.0 | 3.98E-06 | 100.0 | 1.41E-06 | 100.0 | 2.91E-04 | 100.0 |

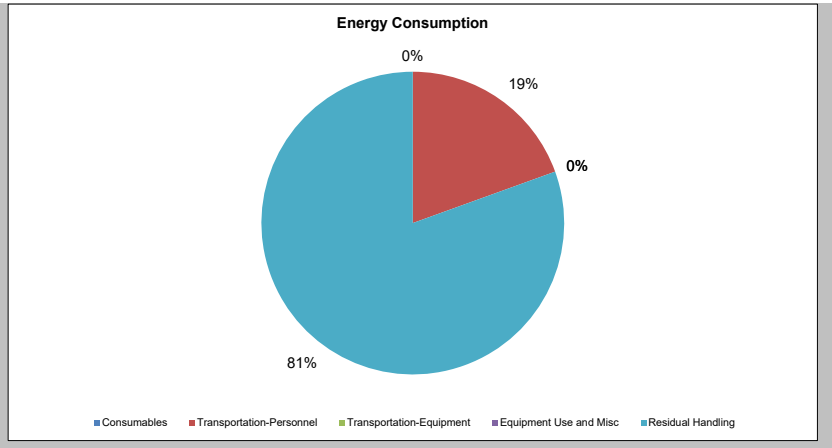
**Additional Sustainability Metrics**

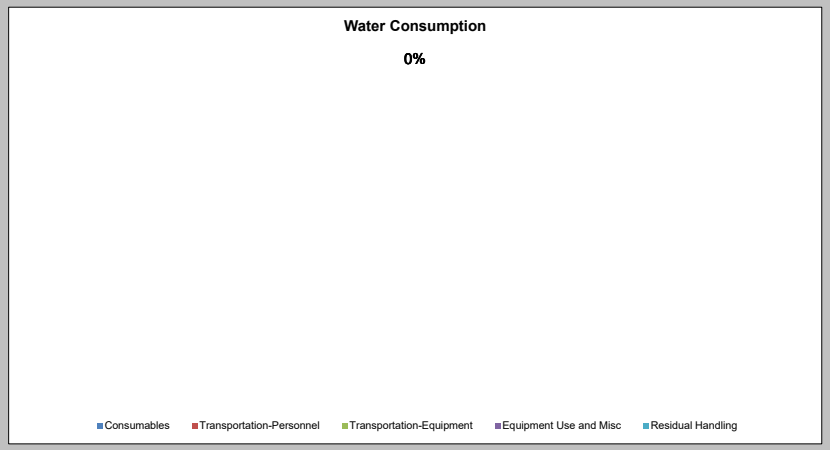
| | |
|---|---|
| Non-Hazardous Waste Landfill Space (tons) | 0.0 |
| Hazardous Waste Landfill Space (tons) | 0.0 |
| Topsoil Consumption ($yd^3$) | 0.0 |
| Cost of Phase ($) | 0.0 |
| Lost Hours - Injury | 0.0 |

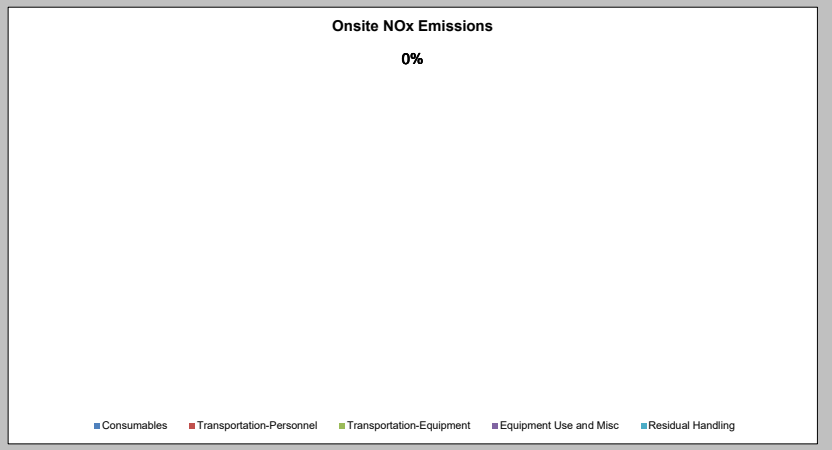
**Footprint Reduction**

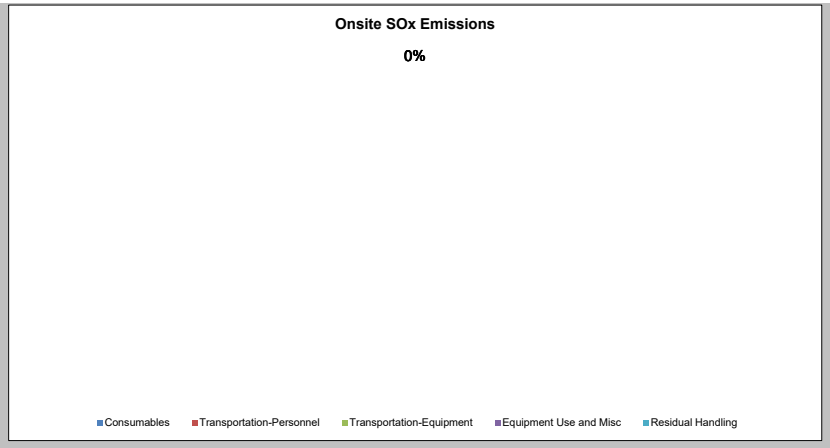
| | |
|---|---|
| Total electricity replacement (MWh) | 0.00E+00 |
| Total electricity replacement (mmBtu) | 0.00E+00 |
| Percent electricity from renewable sources (%) | 0.0% |
| Landfill gas reduction (metric ton $CO_2$ e) | 0.00E+00 |
| GHG emissions (metric ton CO2 e) | 0.00E+00 |
| NOx emissions (metric ton) | 0.00E+00 |
| SOx emissions (metric ton) | 0.00E+00 |
| PM10 emissions (metric ton) | 0.00E+00 |

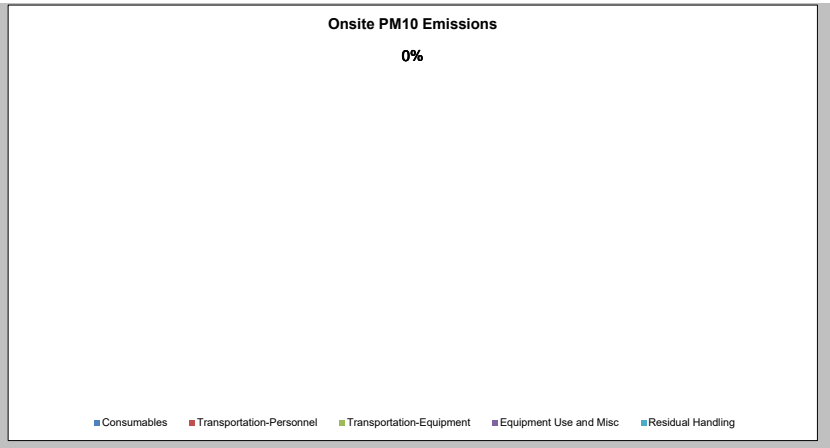

GHG Emissions
0%
21%
0%
79%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

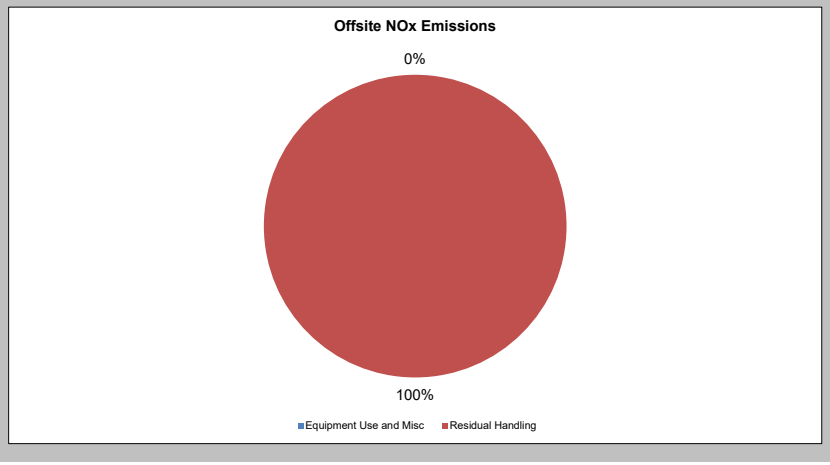

Energy Consumption
0%
19%
0%
81%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

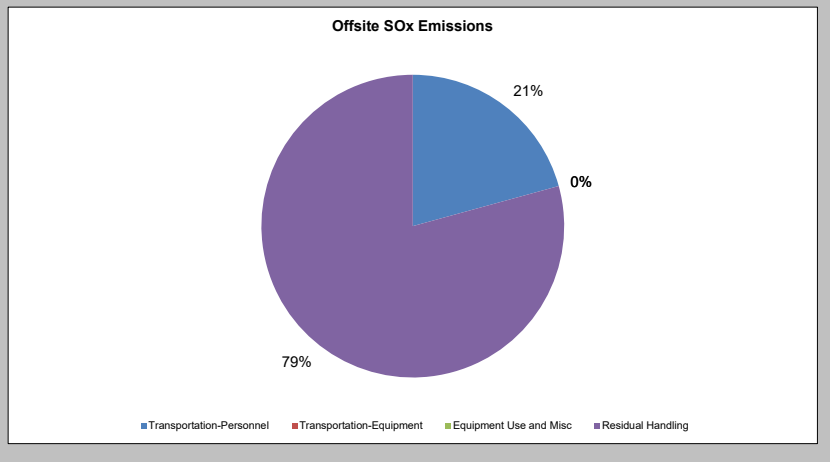

Water Consumption
0%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

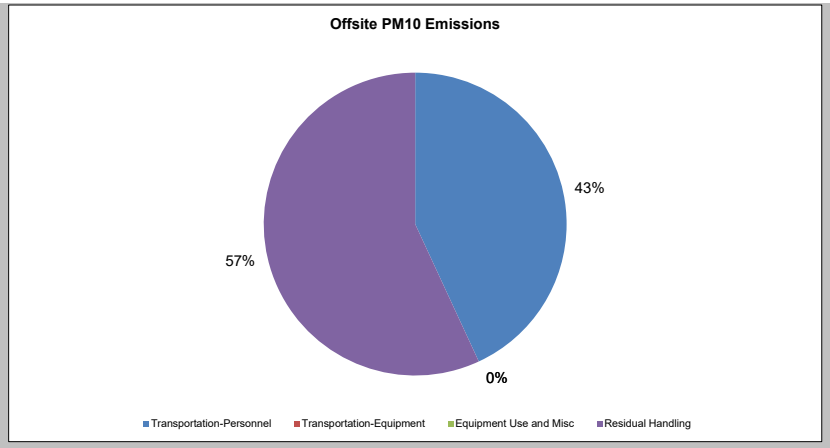

Onsite NOx Emissions
0%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

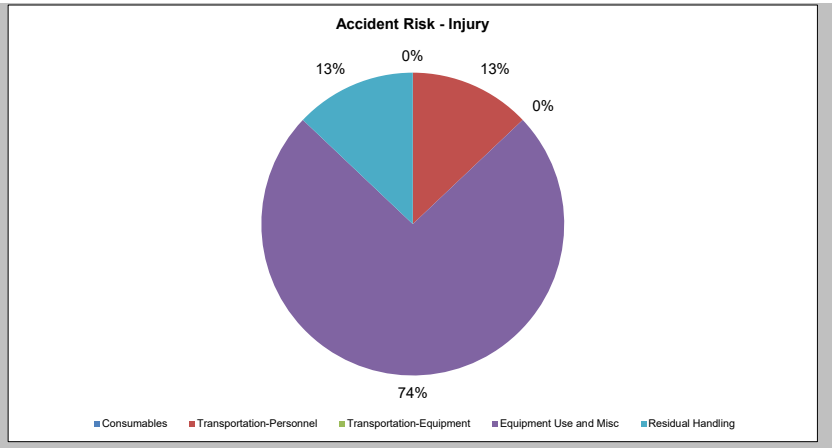

Onsite SOx Emissions
0%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

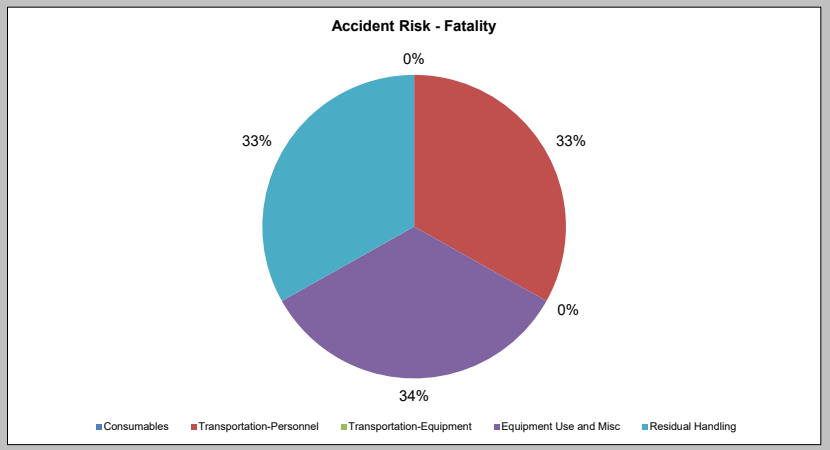

Onsite PM10 Emissions
0%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling


Offsite NOx Emissions
0%
100%
Equipment Use and Misc
Residual Handling


Offsite SOx Emissions
21%
0%
79%
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling


Offsite PM10 Emissions
43%
57%
0%
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

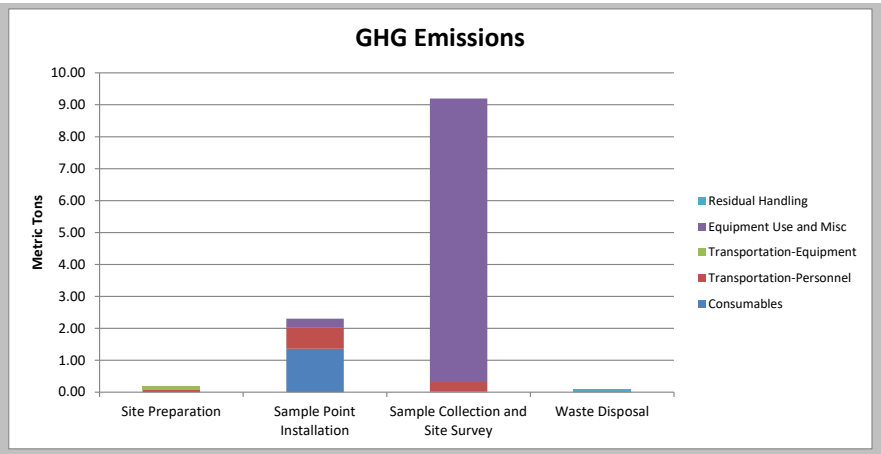

Accident Risk - Injury
0%
13%
13%
0%
74%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

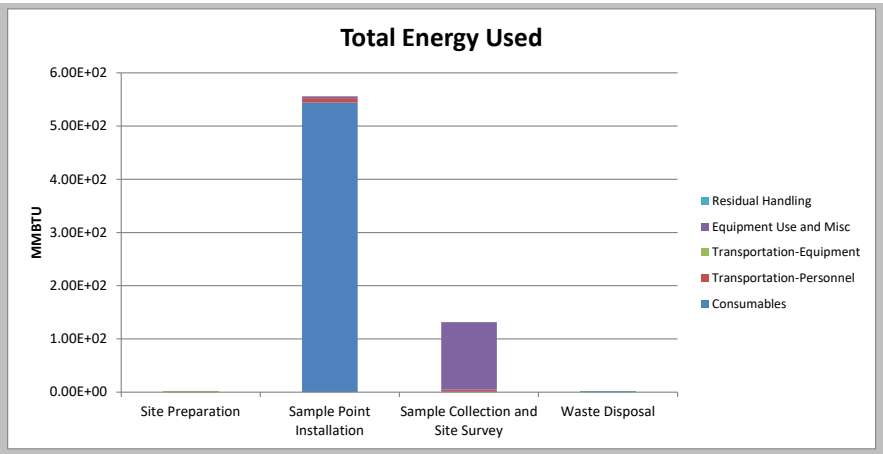

Accident Risk - Fatality
0%
33%
33%
0%
34%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

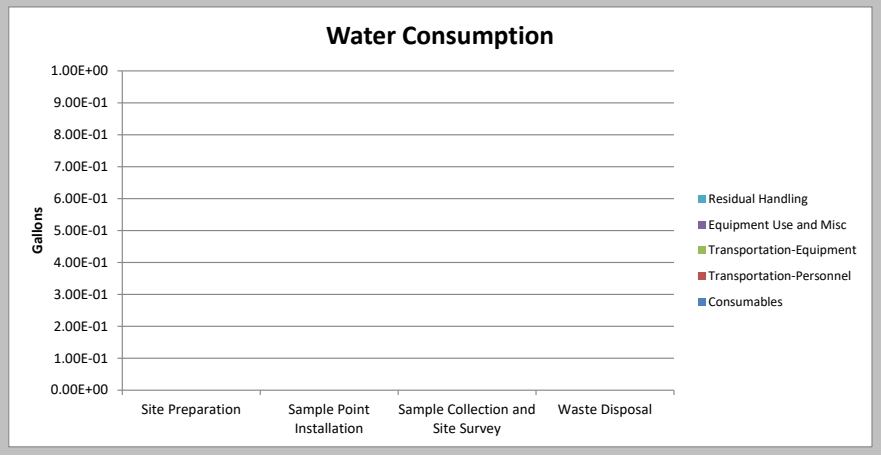
## Sustainable Remediation - Environmental Footprint Summary

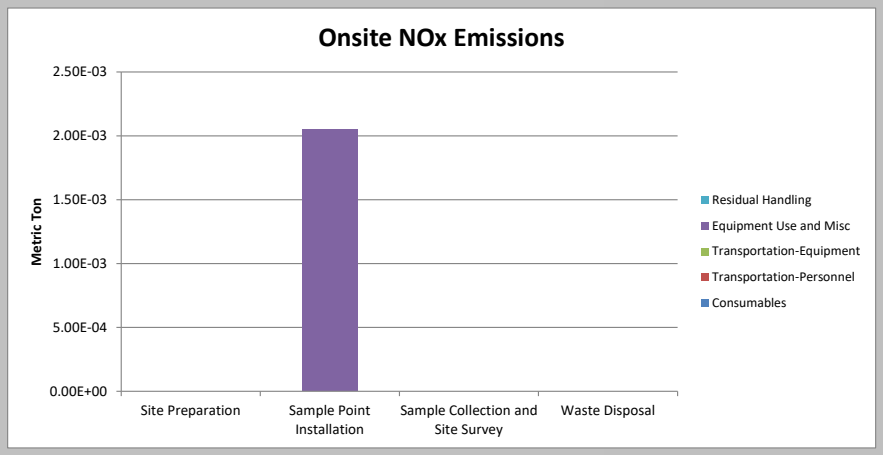
| Phase | Activities | GHG Emissions | Total Energy Used | Water Consumption | Electricity Usage | Onsite NOx Emissions | Onsite SOx Emissions | Onsite PM10 Emissions | Total NOx Emissions | Total SOx Emissions | Total PM10 Emissions | Accident Risk Fatality | Accident Risk Injury |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | metric ton | MMBTU | gallons | MWH | metric ton | metric ton | metric ton | metric ton | metric ton | metric ton | | |
| Site Preparation | Consumables | 0.00 | 0.0E+00 | NA | NA | NA | NA | NA | 0.0E+00 | 0.0E+00 | 0.0E+00 | NA | NA |
| | Transportation-Personnel | 0.07 | 9.2E-01 | NA | NA | NA | NA | NA | 2.8E-05 | 9.5E-07 | 4.6E-06 | 1.8E-06 | 1.4E-04 |
| | Transportation-Equipment | 0.10 | 1.3E+00 | NA | NA | NA | NA | NA | 3.1E-05 | 1.3E-06 | 2.5E-06 | 5.2E-07 | 4.2E-05 |
| | Equipment Use and Misc | 0.00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 1.5E-06 | 3.7E-04 |
| | Residual Handling | 0.00 | 0.0E+00 | NA | NA | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 |
| | Sub-Total | 0.17 | 2.23E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.88E-05 | 2.21E-06 | 7.06E-06 | 3.77E-06 | 5.54E-04 |
| Sample Point Installation | Consumables | 1.36 | 5.4E+02 | NA | NA | NA | NA | NA | 2.3E-03 | 3.1E-03 | 4.0E-04 | NA | NA |
| | Transportation-Personnel | 0.67 | 8.5E+00 | NA | NA | NA | NA | NA | 2.7E-04 | 8.8E-06 | 4.3E-05 | 1.7E-05 | 1.4E-03 |
| | Transportation-Equipment | 0.00 | 0.0E+00 | NA | NA | NA | NA | NA | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 |
| | Equipment Use and Misc | 0.27 | 3.3E+00 | 0.0E+00 | 0.0E+00 | 2.1E-03 | 2.1E-04 | 1.8E-04 | 2.2E-03 | 2.8E-04 | 2.0E-04 | 1.5E-05 | 3.8E-03 |
| | Residual Handling | 0.00 | 0.0E+00 | NA | NA | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 |
| | Sub-Total | 2.30 | 5.56E+02 | 0.00E+00 | 0.00E+00 | 2.05E-03 | 2.05E-04 | 1.77E-04 | 4.73E-03 | 3.40E-03 | 6.43E-04 | 3.26E-05 | 5.22E-03 |
| Sample Collection and Site Survey | Consumables | 0.02 | 7.3E-01 | NA | NA | NA | NA | NA | 3.6E-05 | 4.8E-05 | 6.0E-06 | NA | NA |
| | Transportation-Personnel | 0.33 | 4.2E+00 | NA | NA | NA | NA | NA | 1.0E-04 | 4.3E-06 | 2.1E-05 | 5.9E-06 | 4.7E-04 |
| | Transportation-Equipment | 0.00 | 0.0E+00 | NA | NA | NA | NA | NA | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 |
| | Equipment Use and Misc | 8.85 | 1.3E+02 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 4.2E-02 | 3.2E-02 | 3.5E-03 | 3.6E-08 | 4.4E-05 |
| | Residual Handling | 0.00 | 0.0E+00 | NA | NA | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 |
| | Sub-Total | 9.20 | 1.31E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-02 | 3.19E-02 | 3.56E-03 | 5.93E-06 | 5.18E-04 |
| Waste Disposal | Consumables | 0.00 | 0.0E+00 | NA | NA | NA | NA | NA | 0.0E+00 | 0.0E+00 | 0.0E+00 | NA | NA |
| | Transportation-Personnel | 0.02 | 2.9E-01 | NA | NA | NA | NA | NA | 8.5E-06 | 3.0E-07 | 1.7E-06 | 4.7E-07 | 3.8E-05 |
| | Transportation-Equipment | 0.00 | 0.0E+00 | NA | NA | NA | NA | NA | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 |
| | Equipment Use and Misc | 0.00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 4.8E-07 | 2.2E-04 |
| | Residual Handling | 0.09 | 1.2E+00 | NA | NA | 0.0E+00 | 0.0E+00 | 0.0E+00 | 2.8E-05 | 1.1E-06 | 2.3E-06 | 4.7E-07 | 3.8E-05 |
| | Sub-Total | 0.11 | 1.48E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 | 1.44E-06 | 3.98E-06 | 1.41E-06 | 2.91E-04 |
| **Total** | | **1.2E+01** | **6.9E+02** | **0.0E+00** | **0.0E+00** | **2.1E-03** | **2.1E-04** | **1.8E-04** | **4.7E-02** | **3.5E-02** | **4.2E-03** | **4.4E-05** | **6.6E-03** |

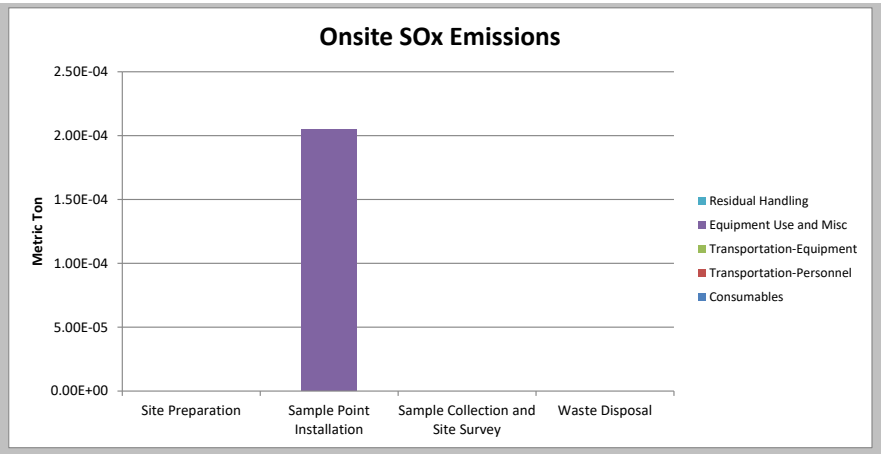
| Remedial Alternative Phase | Non-Hazardous Waste Landfill Space | Hazardous Waste Landfill Space | Topsoil Consumption | Costing | Lost Hours - Injury | Percent electricity from renewable sources | Total Cost with Footprint Reduction |
|---|---|---|---|---|---|---|---|
| | tons | tons | cubic yards | $ | | % | |
| Site Preparation | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0 | 4.4E-03 | 0.0% | $0 |
| Sample Point Installation | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0 | 4.2E-02 | 0.0% | |
| Sample Collection and Site Survey | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0 | 4.1E-03 | 0.0% | |
| Waste Disposal | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0 | 2.3E-03 | 0.0% | |
| **Total** | **0.0E+00** | **0.0E+00** | **0.0E+00** | **$0** | **5.3E-02** | **0.0%** | |

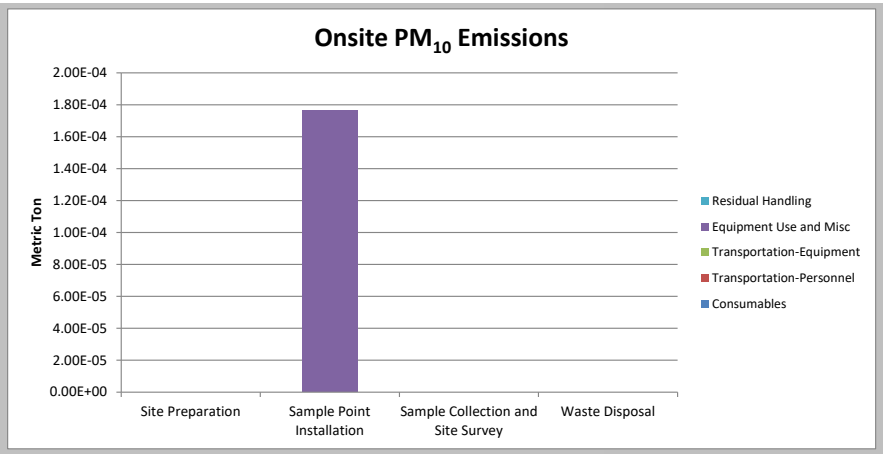

GHG Emissions
Metric Tons
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Site Preparation
Sample Point Installation
Sample Collection and Site Survey
Waste Disposal
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables

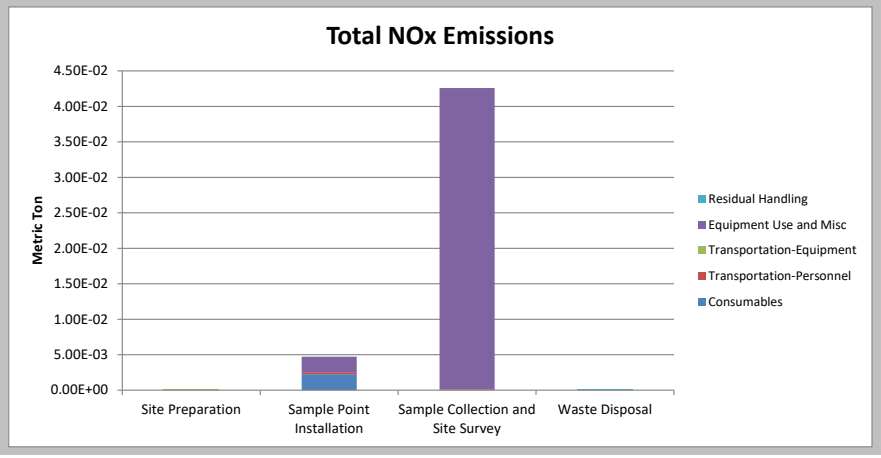

Total Energy Used
MMBTU
6.00E+02
5.00E+02
4.00E+02
3.00E+02
2.00E+02
1.00E+02
0.00E+00
Site Preparation
Sample Point Installation
Sample Collection and Site Survey
Waste Disposal
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables

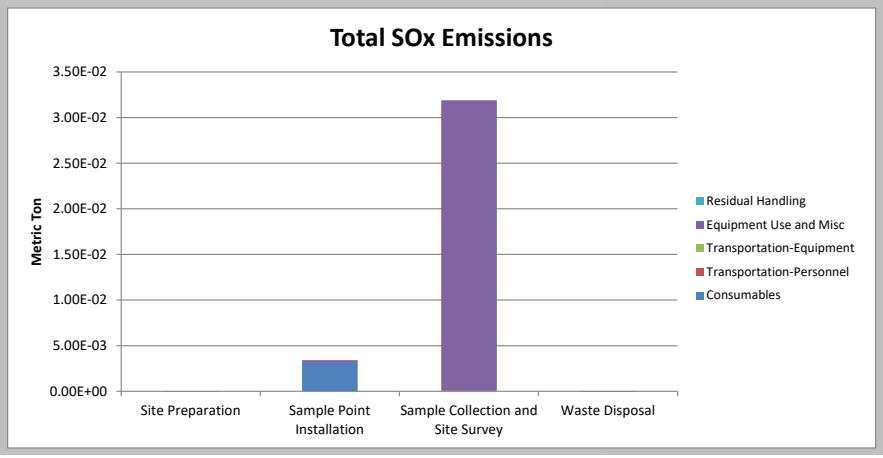

Water Consumption
Gallons
1.00E+00
9.00E-01
8.00E-01
7.00E-01
6.00E-01
5.00E-01
4.00E-01
3.00E-01
2.00E-01
1.00E-01
0.00E+00
Site Preparation
Sample Point Installation
Sample Collection and Site Survey
Waste Disposal
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables

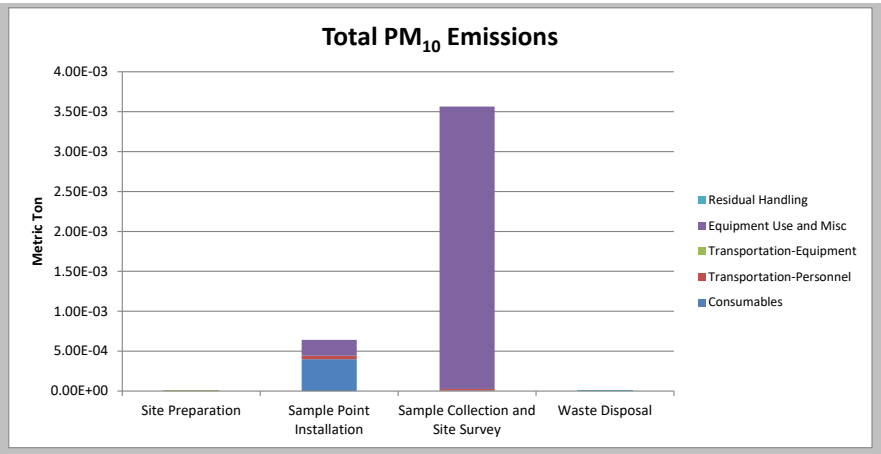

Onsite NOx Emissions
Metric Ton
2.50E-03
2.00E-03
1.50E-03
1.00E-03
5.00E-04
0.00E+00
Site Preparation
Sample Point Installation
Sample Collection and Site Survey
Waste Disposal
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables

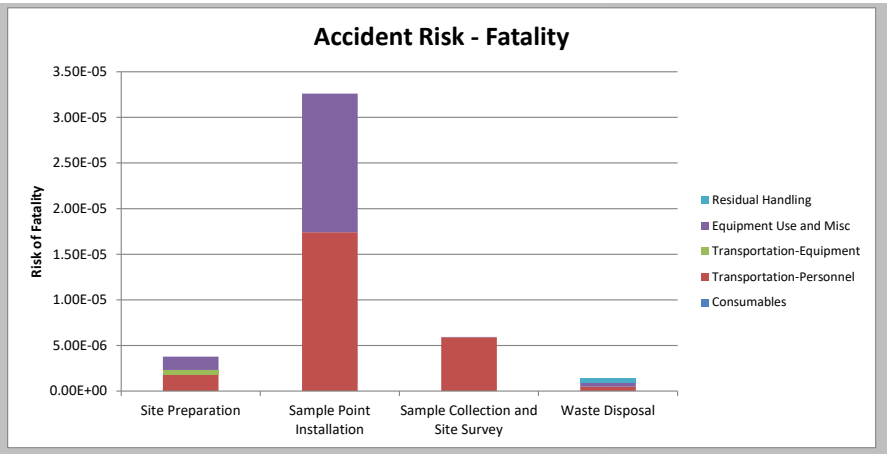

Onsite SOx Emissions
Metric Ton
2.50E-04
2.00E-04
1.50E-04
1.00E-04
5.00E-05
0.00E+00
Site Preparation
Sample Point Installation
Sample Collection and Site Survey
Waste Disposal
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables

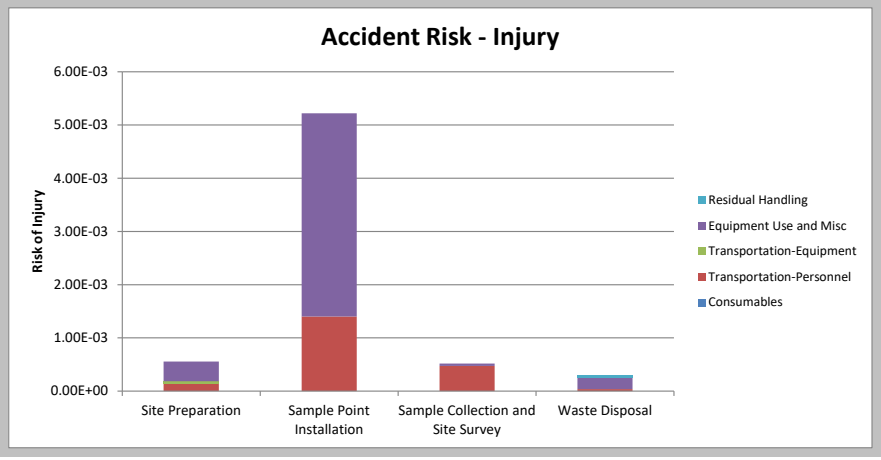

Onsite PM10 Emissions
Metric Ton
2.00E-04
1.80E-04
1.60E-04
1.40E-04
1.20E-04
1.00E-04
8.00E-05
6.00E-05
4.00E-05
2.00E-05
0.00E+00
Site Preparation
Sample Point Installation
Sample Collection and Site Survey
Waste Disposal
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables

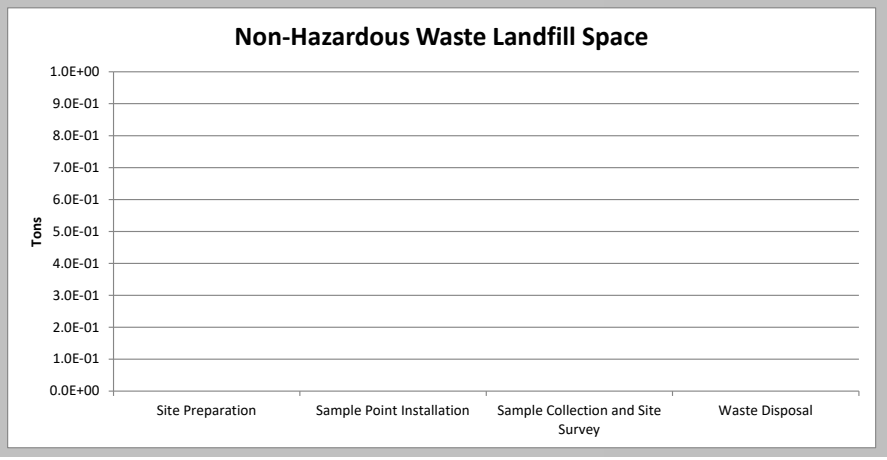

Total NOx Emissions
Metric Ton
4.50E-02
4.00E-02
3.50E-02
3.00E-02
2.50E-02
2.00E-02
1.50E-02
1.00E-02
5.00E-03
0.00E+00
Site Preparation
Sample Point Installation
Sample Collection and Site Survey
Waste Disposal
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables

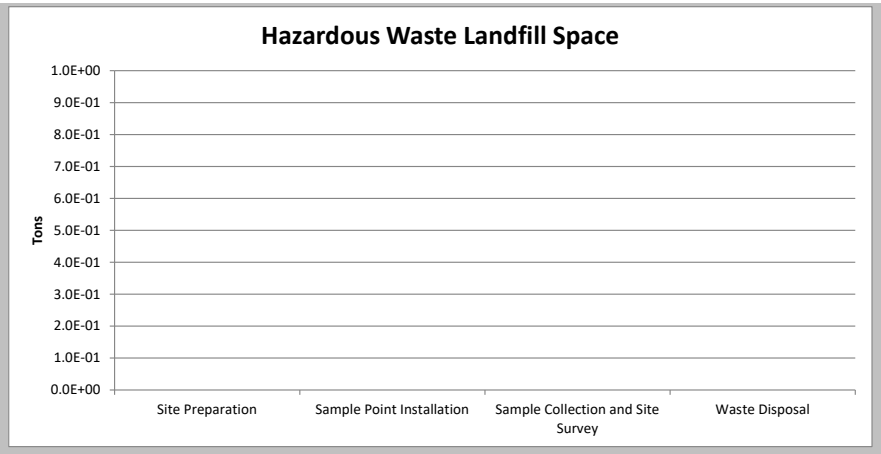

Total SOx Emissions
Metric Ton
3.50E-02
3.00E-02
2.50E-02
2.00E-02
1.50E-02
1.00E-02
5.00E-03
0.00E+00
Site Preparation
Sample Point Installation
Sample Collection and Site Survey
Waste Disposal
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables

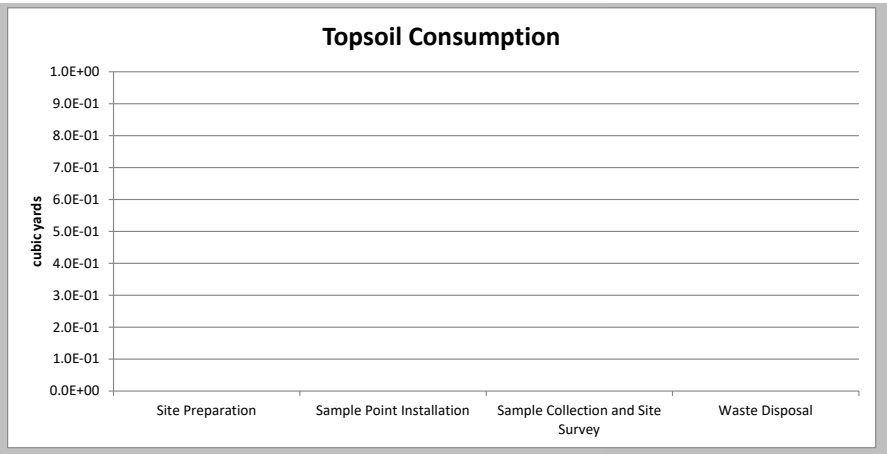

Total $PM_{10}$ Emissions
Metric Ton
4.00E-03
3.50E-03
3.00E-03
2.50E-03
2.00E-03
1.50E-03
1.00E-03
5.00E-04
0.00E+00
Site Preparation
Sample Point Installation
Sample Collection and Site Survey
Waste Disposal
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables

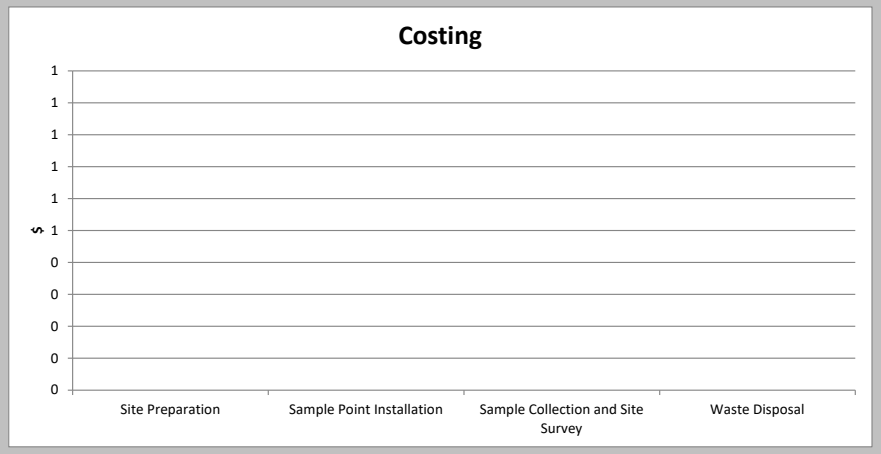

Accident Risk - Fatality
Risk of Fatality
3.50E-05
3.00E-05
2.50E-05
2.00E-05
1.50E-05
1.00E-05
5.00E-06
0.00E+00
Site Preparation
Sample Point Installation
Sample Collection and Site Survey
Waste Disposal
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables

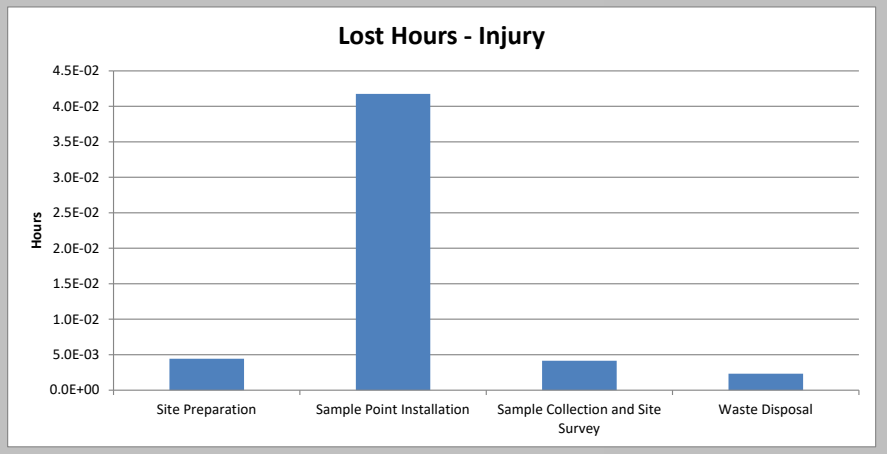

Accident Risk - Injury
Risk of Injury
6.00E-03
5.00E-03
4.00E-03
3.00E-03
2.00E-03
1.00E-03
0.00E+00
Site Preparation
Sample Point Installation
Sample Collection and Site Survey
Waste Disposal
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables


Non-Hazardous Waste Landfill Space
Tons
1.0E+00
9.0E-01
8.0E-01
7.0E-01
6.0E-01
5.0E-01
4.0E-01
3.0E-01
2.0E-01
1.0E-01
0.0E+00
Site Preparation
Sample Point Installation
Sample Collection and Site Survey
Waste Disposal


Hazardous Waste Landfill Space
1.0E+00
9.0E-01
8.0E-01
7.0E-01
6.0E-01
5.0E-01
4.0E-01
3.0E-01
2.0E-01
1.0E-01
0.0E+00
Tons
Site Preparation
Sample Point Installation
Sample Collection and Site Survey
Waste Disposal


Topsoil Consumption
1.0E+00
9.0E-01
8.0E-01
7.0E-01
6.0E-01
5.0E-01
4.0E-01
3.0E-01
2.0E-01
1.0E-01
0.0E+00
cubic yards
Site Preparation
Sample Point Installation
Sample Collection and Site Survey
Waste Disposal


Costing
1
1
1
1
1
1
0
0
0
0
0
$
Site Preparation
Sample Point Installation
Sample Collection and Site Survey
Waste Disposal


Lost Hours - Injury
4.5E-02
4.0E-02
3.5E-02
3.0E-02
2.5E-02
2.0E-02
1.5E-02
1.0E-02
5.0E-03
0.0E+00
Hours
Site Preparation
Sample Point Installation
Sample Collection and Site Survey
Waste Disposal