310 EAST 161ST STREET
BRONX, NEW YORK

Remedial Investigation Report

NYSDEC BCP Number: C203183

Prepared for:

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JUNE 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), and DER-31 Green Remediation, dated January 2011 (DER-31).

Frank Cherena, P.G.	June 15, 2026	
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 0.8747 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

On May 21, 2026, NYSDEC and NYSDOH have determined this site does not pose 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. • 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. • 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. • 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. • 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. • 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. • 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. • 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. • 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. • 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. • 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. • 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. • 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. • 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. • 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. • 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. • 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. • 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 17 ft bls. Five soil borings were converted into groundwater monitoring wells, and the borings were advanced through weathered bedrock to a maximum depth of 32 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
J+ -	Estimated value, high bias
U -	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit
NJ -	Detection is tentative in identification and estimated in value
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
J+ -	Estimated value, high bias
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	ETSB-01	ETSB-01	ETSB-01	ETSB-01
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):					2 - 6 in	2 - 4 ft	2 - 4 ft	6 - 8 ft
Normal Sample or Field Duplicate:					N	N	FD	N
1,1,1-Trichloroethane (TCA)	0.68	100	0.68	MG/KG	0.0012 UT	0.00083 UT	0.0011 U	0.0011 U
1,1,2,2-Tetrachloroethane	--	--	--	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 U
1,1,2-Trichloroethane	--	--	--	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 U
1,1-Dichloroethane	0.27	47	0.27	MG/KG	0.0012 UT	0.00083 UT	0.0011 U	0.0011 U
1,1-Dichloroethene	0.24	0.98	0.33	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 U
1,2,3-Trichlorobenzene	--	--	--	MG/KG	0.0012 U	0.00083 UJ	0.0011 U	0.0011 U
1,2,4-Trichlorobenzene	--	--	--	MG/KG	0.0012 U	0.00083 UJ	0.0011 U	0.0011 U
1,2,4-Trimethylbenzene	**5.9**	100	5.9	MG/KG	0.0012 U	0.00083 UJ	0.0011 U	0.0011 U
1,2-Dibromo-3-Chloropropane	--	--	--	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG	0.0012 U	0.00083 UJ	0.0011 U	0.0011 U
1,2-Dichloroethane	0.02	5.8	0.02	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 U
1,2-Dichloropropane	--	--	--	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1	MG/KG	0.0012 U	0.00083 UJ	0.0011 U	0.0011 U
1,3-Dichlorobenzene	2.6	38	2.6	MG/KG	0.0012 U	0.00083 UJ	0.0011 U	0.0011 U
1,4-Dichlorobenzene	1.8	24	1.8	MG/KG	0.0012 U	0.00083 UJ	0.0011 U	0.0011 U
2-Hexanone	--	--	--	MG/KG	0.0062 U	0.0042 U	0.0055 U	0.0055 U
Acetone	**0.03**	100	0.03	MG/KG	0.016	0.0057 J	0.01	0.0082
Benzene	0.06	3.7	0.06	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 U
Bromochloromethane	--	--	--	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 U
Bromodichloromethane	--	--	--	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 U
Bromoform	--	--	--	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 U
Bromomethane	--	--	--	MG/KG	0.0025 U	0.0017 U	0.0022 U	0.0022 U
Carbon Disulfide	--	--	--	MG/KG	0.0012 UT	0.00083 UT	0.0011 U	0.0011 U
Carbon Tetrachloride	0.76	7.1	0.76	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 U
Chlorobenzene	4.5	100	4.5	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 U
Chloroethane	--	--	--	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 U
Chloroform	0.37	24	0.37	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 U
Chloromethane	--	--	--	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 U
Cis-1,2-Dichloroethylene	0.19	41	0.19	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 U
Cis-1,3-Dichloropropene	--	--	--	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 U
Cyclohexane	--	--	--	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 U
Dibromochloromethane	--	--	--	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 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	ETSB-01	ETSB-01	ETSB-01	ETSB-01
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):					2 - 6 in	2 - 4 ft	2 - 4 ft	6 - 8 ft
Normal Sample or Field Duplicate:					N	N	FD	N
Dichlorodifluoromethane	--	--	--	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 U
Ethylbenzene	**1**	76	1	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 U
Isopropylbenzene (Cumene)	--	--	--	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 U
m,p-Xylene	**0.26**	100	1.2	MG/KG	0.0012 U	0.00083 UJ	0.0011 U	0.0011 U
Methyl Acetate	--	--	--	MG/KG	0.0062 U	0.0042 U	0.0055 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	0.0055 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	MG/KG	0.0062 U	0.0042 U	0.0055 U	0.0055 U
Methylcyclohexane	--	--	--	MG/KG	0.0012 UT	0.00083 UT	0.0011 U	0.0011 U
Methylene Chloride	0.05	81	0.05	MG/KG	0.0025 UT	0.0017 UT	0.0022 U	0.0022 U
N-Butylbenzene	**18**	100	18	MG/KG	0.0012 U	0.00083 UJ	0.0011 U	0.0011 U
N-Propylbenzene	**5**	100	5	MG/KG	0.0012 U	0.00083 UJ	0.0011 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	0.0011 U
Sec-Butylbenzene	25	100	25	MG/KG	0.0012 U	0.00083 UJ	0.0011 UJ	0.0011 UJ
Styrene	--	--	--	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 U
T-Butylbenzene	11	100	11	MG/KG	0.0012 U	0.00083 UJ	0.0011 U	0.0011 U
Tert-Butyl Methyl Ether	0.1	100	0.1	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	18	1.3	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 U
Toluene	0.7	100	0.7	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19	MG/KG	0.0012 UT	0.00083 UT	0.0011 U	0.0011 U
Trans-1,3-Dichloropropene	--	--	--	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 U
Trichloroethylene (TCE)	0.47	6.4	0.47	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 U
Trichlorofluoromethane	--	--	--	MG/KG	0.0012 U	0.00083 U	0.0011 U	0.0011 U
Vinyl Chloride	0.03	0.48	0.03	MG/KG	0.0012 U	0.00083 U	0.0011 UJ	0.0011 UJ
Xylenes	**0.26**	100	1.2	MG/KG	0.0025 U	0.0017 UJ	0.0022 U	0.0022 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	ETSB-01	ETSB-02	ETSB-02	ETSB-02
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	2 - 6 in	2 - 4 ft	12 - 14 ft
Normal Sample or Field Duplicate:					N	N	N	N
1,1,1-Trichloroethane (TCA)	0.68	100	0.68	MG/KG	0.0011 U	0.0011 U	0.00099 U	0.0011 U
1,1,2,2-Tetrachloroethane	--	--	--	MG/KG	0.0011 U	0.0011 U	0.00099 UJ	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	MG/KG	0.0011 U	0.0011 U	0.00099 U	0.0011 U
1,1,2-Trichloroethane	--	--	--	MG/KG	0.0011 U	0.0011 U	0.00099 UJ	0.0011 U
1,1-Dichloroethane	0.27	47	0.27	MG/KG	0.0011 U	0.0011 U	0.00099 U	0.0011 U
1,1-Dichloroethene	0.24	0.98	0.33	MG/KG	0.0011 U	0.0011 U	0.00099 UJ	0.0011 U
1,2,3-Trichlorobenzene	--	--	--	MG/KG	0.0011 U	0.0011 U	0.00099 UJ	0.0011 U
1,2,4-Trichlorobenzene	--	--	--	MG/KG	0.0011 U	0.0011 U	0.00099 UJ	0.0011 U
1,2,4-Trimethylbenzene	**5.9**	100	5.9	MG/KG	0.0011 U	0.0011 U	0.00099 UJ	0.0011 U
1,2-Dibromo-3-Chloropropane	--	--	--	MG/KG	0.0011 U	0.0011 U	0.00099 UJ	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	MG/KG	0.0011 U	0.0011 U	0.00099 UJ	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG	0.0011 U	0.0011 U	0.00099 UJ	0.0011 U
1,2-Dichloroethane	0.02	5.8	0.02	MG/KG	0.0011 U	0.0011 U	0.00099 U	0.0011 U
1,2-Dichloropropane	--	--	--	MG/KG	0.0011 U	0.0011 U	0.00099 U	0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1	MG/KG	0.0011 U	0.0011 U	0.00099 UJ	0.0011 U
1,3-Dichlorobenzene	2.6	38	2.6	MG/KG	0.0011 U	0.0011 U	0.00099 UJ	0.0011 U
1,4-Dichlorobenzene	1.8	24	1.8	MG/KG	0.0011 U	0.0011 U	0.00099 UJ	0.0011 U
2-Hexanone	--	--	--	MG/KG	0.0054 U	0.0054 U	0.0049 U	0.0056 U
Acetone	**0.03**	100	0.03	MG/KG	0.0065 U	0.0071	0.0058 J	0.0067 U
Benzene	0.06	3.7	0.06	MG/KG	0.0011 U	0.0011 U	0.00099 UJ	0.0011 U
Bromochloromethane	--	--	--	MG/KG	0.0011 U	0.0011 U	0.00099 UJ	0.0011 U
Bromodichloromethane	--	--	--	MG/KG	0.0011 U	0.0011 U	0.00099 U	0.0011 U
Bromoform	--	--	--	MG/KG	0.0011 U	0.0011 U	0.00099 U	0.0011 U
Bromomethane	--	--	--	MG/KG	0.0022 U	0.0022 U	0.002 U	0.0022 U
Carbon Disulfide	--	--	--	MG/KG	0.0011 U	0.0011 UT	0.00099 UT	0.0011 UT
Carbon Tetrachloride	0.76	7.1	0.76	MG/KG	0.0011 U	0.0011 U	0.00099 U	0.0011 U
Chlorobenzene	4.5	100	4.5	MG/KG	0.0011 U	0.0011 U	0.00099 UJ	0.0011 U
Chloroethane	--	--	--	MG/KG	0.0011 U	0.0011 UT	0.00099 UJ	0.0011 UT
Chloroform	0.37	24	0.37	MG/KG	0.0011 U	0.0011 U	0.00099 U	0.0011 U
Chloromethane	--	--	--	MG/KG	0.0011 U	0.0011 U	0.00099 U	0.0011 U
Cis-1,2-Dichloroethylene	0.19	41	0.19	MG/KG	0.0011 U	0.0011 U	0.00099 UJ	0.0011 U
Cis-1,3-Dichloropropene	--	--	--	MG/KG	0.0011 U	0.0011 U	0.00099 UJ	0.0011 U
Cyclohexane	--	--	--	MG/KG	0.0011 U	0.0011 U	0.00099 U	0.0011 U
Dibromochloromethane	--	--	--	MG/KG	0.0011 U	0.0011 U	0.00099 U	0.0011 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	ETSB-01 01/14/2026 9 - 11 ft N	ETSB-02 01/16/2026 2 - 6 in N	ETSB-02 01/16/2026 2 - 4 ft N	ETSB-02 01/16/2026 12 - 14 ft N
Dichlorodifluoromethane	--	--	--	MG/KG	0.0011 U	0.0011 U	0.00099 U	0.0011 U
Ethylbenzene	**1**	76	1	MG/KG	0.0011 U	0.0011 U	0.00099 UJ	0.0011 U
Isopropylbenzene (Cumene)	--	--	--	MG/KG	0.0011 U	0.0011 U	0.00099 UJ	0.0011 U
m,p-Xylene	**0.26**	100	1.2	MG/KG	0.0011 U	0.0011 U	0.00099 UJ	0.0011 U
Methyl Acetate	--	--	--	MG/KG	0.0054 U	0.0054 U	0.0049 UJ	0.0056 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1	MG/KG	0.0054 U	0.0054 U	0.0049 U	0.0056 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	MG/KG	0.0054 U	0.0054 U	0.0049 U	0.0056 U
Methylcyclohexane	--	--	--	MG/KG	0.0011 U	0.0011 U	0.00099 U	0.0011 U
Methylene Chloride	0.05	81	0.05	MG/KG	0.0022 U	0.0022 U	0.002 U	0.0022 U
N-Butylbenzene	**18**	100	18	MG/KG	0.0011 U	0.0011 U	0.00099 UJ	0.0011 U
N-Propylbenzene	**5**	100	5	MG/KG	0.0011 U	0.0011 U	0.00099 UJ	0.0011 U
O-Xylene (1,2-Dimethylbenzene)	0.26	100	1.2	MG/KG	0.0011 U	0.0011 U	0.00099 UJ	0.0011 U
Sec-Butylbenzene	25	100	25	MG/KG	0.0011 UJ	0.0011 UJ	0.00099 UJ	0.0011 UJ
Styrene	--	--	--	MG/KG	0.0011 U	0.0011 U	0.00099 UJ	0.0011 U
T-Butylbenzene	11	100	11	MG/KG	0.0011 U	0.0011 U	0.00099 UJ	0.0011 U
Tert-Butyl Methyl Ether	0.1	100	0.1	MG/KG	0.0011 U	0.0011 U	0.00099 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	18	1.3	MG/KG	0.0011 U	0.0011 U	0.00099 U	0.0011 U
Toluene	0.7	100	0.7	MG/KG	0.0011 U	0.0011 U	0.00099 UJ	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19	MG/KG	0.0011 U	0.0011 U	0.00099 U	0.0011 U
Trans-1,3-Dichloropropene	--	--	--	MG/KG	0.0011 U	0.0011 U	0.00099 UJ	0.0011 U
Trichloroethylene (TCE)	0.47	6.4	0.47	MG/KG	0.0011 U	0.0011 U	0.00099 U	0.0011 U
Trichlorofluoromethane	--	--	--	MG/KG	0.0011 U	0.0011 U	0.00099 U	0.0011 U
Vinyl Chloride	0.03	0.48	0.03	MG/KG	0.0011 UJ	0.0011 UJ	0.00099 UJ	0.0011 UJ
Xylenes	**0.26**	100	1.2	MG/KG	0.0022 U	0.0022 U	0.002 UJ	0.0022 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	ETSB-02	ETSB-03	ETSB-03	ETSB-03
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	2 - 6 in	2 - 4 ft	6 - 8 ft
Normal Sample or Field Duplicate:					FD	N	N	N
1,1,1-Trichloroethane (TCA)	0.68	100	0.68	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
1,1,2,2-Tetrachloroethane	--	--	--	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
1,1,2-Trichloroethane	--	--	--	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
1,1-Dichloroethane	0.27	47	0.27	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
1,1-Dichloroethene	0.24	0.98	0.33	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
1,2,3-Trichlorobenzene	--	--	--	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
1,2,4-Trichlorobenzene	--	--	--	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
1,2,4-Trimethylbenzene	**5.9**	100	5.9	MG/KG	0.0011 U	0.00092 U	0.005	0.00081 U
1,2-Dibromo-3-Chloropropane	--	--	--	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
1,2-Dichloroethane	0.02	5.8	0.02	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
1,2-Dichloropropane	--	--	--	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1	MG/KG	0.0011 U	0.00038 J	0.0011	0.00028 J
1,3-Dichlorobenzene	2.6	38	2.6	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
1,4-Dichlorobenzene	1.8	24	1.8	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
2-Hexanone	--	--	--	MG/KG	0.0055 U	0.0046 U	0.0042 U	0.0041 U
Acetone	**0.03**	100	0.03	MG/KG	0.0065 U	0.0055 U	0.015	0.0097
Benzene	0.06	3.7	0.06	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
Bromochloromethane	--	--	--	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
Bromodichloromethane	--	--	--	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
Bromoform	--	--	--	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
Bromomethane	--	--	--	MG/KG	0.0022 U	0.0018 U	0.0017 U	0.0016 U
Carbon Disulfide	--	--	--	MG/KG	0.0011 UT	0.00092 UT	0.00083 U	0.00081 UT
Carbon Tetrachloride	0.76	7.1	0.76	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
Chlorobenzene	4.5	100	4.5	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
Chloroethane	--	--	--	MG/KG	0.0011 UT	0.00092 UT	0.00083 U	0.00081 UT
Chloroform	0.37	24	0.37	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
Chloromethane	--	--	--	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
Cis-1,2-Dichloroethylene	0.19	41	0.19	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
Cis-1,3-Dichloropropene	--	--	--	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
Cyclohexane	--	--	--	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
Dibromochloromethane	--	--	--	MG/KG	0.0011 U	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

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	ETSB-02 01/16/2026 12 - 14 ft FD	ETSB-03 01/15/2026 2 - 6 in N	ETSB-03 01/15/2026 2 - 4 ft N	ETSB-03 01/15/2026 6 - 8 ft N
Dichlorodifluoromethane	--	--	--	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
Ethylbenzene	**1**	76	1	MG/KG	0.0011 U	0.00092 U	0.0012	0.00081 U
Isopropylbenzene (Cumene)	--	--	--	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
m,p-Xylene	**0.26**	100	1.2	MG/KG	0.0011 U	0.0007 J	0.0052	0.00081 U
Methyl Acetate	--	--	--	MG/KG	0.0055 U	0.0046 U	0.0042 U	0.0041 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1	MG/KG	0.0055 U	0.0046 U	0.0042 U	0.0041 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	MG/KG	0.0055 U	0.0046 U	0.0042 U	0.0041 U
Methylcyclohexane	--	--	--	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
Methylene Chloride	0.05	81	0.05	MG/KG	0.0022 U	0.0018 U	0.0017 U	0.0016 U
N-Butylbenzene	**18**	100	18	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
N-Propylbenzene	**5**	100	5	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
O-Xylene (1,2-Dimethylbenzene)	0.26	100	1.2	MG/KG	0.0011 U	0.00092 U	0.0019	0.00081 U
Sec-Butylbenzene	25	100	25	MG/KG	0.0011 UJ	0.00092 UJ	0.00083 UJ	0.00081 UJ
Styrene	--	--	--	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
T-Butylbenzene	11	100	11	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
Tert-Butyl Methyl Ether	0.1	100	0.1	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
Tetrachloroethylene (PCE)	1.3	18	1.3	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
Toluene	0.7	100	0.7	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
Trans-1,2-Dichloroethene	0.19	100	0.19	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
Trans-1,3-Dichloropropene	--	--	--	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
Trichloroethylene (TCE)	0.47	6.4	0.47	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
Trichlorofluoromethane	--	--	--	MG/KG	0.0011 U	0.00092 U	0.00083 U	0.00081 U
Vinyl Chloride	0.03	0.48	0.03	MG/KG	0.0011 UJ	0.00092 UJ	0.00083 UJ	0.00081 UJ
Xylenes	**0.26**	100	1.2	MG/KG	0.0022 U	0.0007 J	0.0071	0.0016 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-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	2 - 6 in	2 - 4 ft
					Normal Sample or Field Duplicate: N	N	N	N
1,1,1-Trichloroethane (TCA)	0.68	100	0.68	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
1,1,2,2-Tetrachloroethane	--	--	--	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
1,1,2-Trichloroethane	--	--	--	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
1,1-Dichloroethane	0.27	47	0.27	MG/KG	0.00093 U	0.0011 U	0.0013 UT	0.0013 UT
1,1-Dichloroethene	0.24	0.98	0.33	MG/KG	0.00093 U	0.0011 U	0.0013 UT	0.0013 UT
1,2,3-Trichlorobenzene	--	--	--	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
1,2,4-Trichlorobenzene	--	--	--	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
1,2,4-Trimethylbenzene	**5.9**	100	5.9	MG/KG	0.0016	0.0011 U	0.0013 U	0.0013 U
1,2-Dibromo-3-Chloropropane	--	--	--	MG/KG	0.00093 U	0.0011 U	0.0013 UJ	0.0013 UJ
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
1,2-Dichloroethane	0.02	5.8	0.02	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
1,2-Dichloropropane	--	--	--	MG/KG	0.00093 U	0.0011 U	0.0013 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	0.0013 U
1,3-Dichlorobenzene	2.6	38	2.6	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
1,4-Dichlorobenzene	1.8	24	1.8	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
2-Hexanone	--	--	--	MG/KG	0.0047 U	0.0054 U	0.0063 U	0.0065 U
Acetone	**0.03**	100	0.03	MG/KG	**0.037**	0.0071	0.014	0.018
Benzene	0.06	3.7	0.06	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
Bromochloromethane	--	--	--	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
Bromodichloromethane	--	--	--	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
Bromoform	--	--	--	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
Bromomethane	--	--	--	MG/KG	0.0019 U	0.0022 U	0.0025 UT	0.0026 UT
Carbon Disulfide	--	--	--	MG/KG	0.005 J+	0.0011 UT	0.0013 UT	0.0013 UT
Carbon Tetrachloride	0.76	7.1	0.76	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
Chlorobenzene	4.5	100	4.5	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
Chloroethane	--	--	--	MG/KG	0.00093 UT	0.0011 UT	0.0013 U	0.0013 U
Chloroform	0.37	24	0.37	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
Chloromethane	--	--	--	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
Cis-1,2-Dichloroethylene	0.19	41	0.19	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
Cis-1,3-Dichloropropene	--	--	--	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
Cyclohexane	--	--	--	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
Dibromochloromethane	--	--	--	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 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	ETSB-03	ETSB-03	ETSB-04	ETSB-04
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	2 - 6 in	2 - 4 ft
Normal Sample or Field Duplicate:					N	N	N	N
Dichlorodifluoromethane	--	--	--	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
Ethylbenzene	**1**	76	1	MG/KG	0.00046 J	0.0011 U	0.0013 U	0.0013 U
Isopropylbenzene (Cumene)	--	--	--	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
m,p-Xylene	**0.26**	100	1.2	MG/KG	0.0018	0.0011 U	0.0013 U	0.0013 U
Methyl Acetate	--	--	--	MG/KG	0.0047 U	0.0054 U	0.0063 U	0.0065 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1	MG/KG	0.0055	0.0054 U	0.0063 U	0.0065 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	MG/KG	0.0047 U	0.0054 U	0.0063 U	0.0065 U
Methylcyclohexane	--	--	--	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
Methylene Chloride	0.05	81	0.05	MG/KG	0.0019 U	0.0022 U	0.0025 UT	0.0026 UT
N-Butylbenzene	**18**	100	18	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
N-Propylbenzene	**5**	100	5	MG/KG	0.00093 U	0.0011 U	0.0013 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	0.0013 U
Sec-Butylbenzene	25	100	25	MG/KG	0.00093 UJ	0.0011 UJ	0.0013 U	0.0013 U
Styrene	--	--	--	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
T-Butylbenzene	11	100	11	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
Tert-Butyl Methyl Ether	0.1	100	0.1	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
Tetrachloroethylene (PCE)	1.3	18	1.3	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
Toluene	0.7	100	0.7	MG/KG	0.00067 J	0.0011 U	0.0013 U	0.0013 U
Trans-1,2-Dichloroethene	0.19	100	0.19	MG/KG	0.00093 U	0.0011 U	0.0013 UT	0.0013 UT
Trans-1,3-Dichloropropene	--	--	--	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
Trichloroethylene (TCE)	0.47	6.4	0.47	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
Trichlorofluoromethane	--	--	--	MG/KG	0.00093 U	0.0011 U	0.0013 U	0.0013 U
Vinyl Chloride	0.03	0.48	0.03	MG/KG	0.00093 U	0.0011 UJ	0.0013 U	0.0013 U
Xylenes	**0.26**	100	1.2	MG/KG	0.0025	0.0022 U	0.0025 U	0.0026 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	ETSB-05 01/13/2026 2 - 6 in N	ETSB-05 01/13/2026 2 - 4 ft N	ETSB-06 01/20/2026 2 - 6 in N	ETSB-06 01/20/2026 2 - 4 ft N
1,1,1-Trichloroethane (TCA)	0.68	100	0.68	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
1,1,2,2-Tetrachloroethane	--	--	--	MG/KG	0.001 U	0.00086 U	0.001 UJ	0.00094 UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
1,1,2-Trichloroethane	--	--	--	MG/KG	0.001 U	0.00086 U	0.001 UJ	0.00094 UJ
1,1-Dichloroethane	0.27	47	0.27	MG/KG	0.001 UT	0.00086 UT	0.001 U	0.00094 U
1,1-Dichloroethene	0.24	0.98	0.33	MG/KG	0.001 UT	0.00086 UT	0.001 UT	0.00094 UT
1,2,3-Trichlorobenzene	--	--	--	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
1,2,4-Trichlorobenzene	--	--	--	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
1,2,4-Trimethylbenzene	**5.9**	100	5.9	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
1,2-Dibromo-3-Chloropropane	--	--	--	MG/KG	0.001 UJ	0.00086 UJ	0.001 U	0.00094 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
1,2-Dichloroethane	0.02	5.8	0.02	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
1,2-Dichloropropane	--	--	--	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
1,3-Dichlorobenzene	2.6	38	2.6	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
1,4-Dichlorobenzene	1.8	24	1.8	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
2-Hexanone	--	--	--	MG/KG	0.0051 U	0.0043 U	0.0051 U	0.0047 U
Acetone	**0.03**	100	0.03	MG/KG	0.0093	0.014	0.0061 U	0.0064
Benzene	0.06	3.7	0.06	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
Bromochloromethane	--	--	--	MG/KG	0.001 U	0.00086 U	0.001 UT	0.00094 UT
Bromodichloromethane	--	--	--	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
Bromoform	--	--	--	MG/KG	0.001 U	0.00086 U	0.001 UT	0.00094 UT
Bromomethane	--	--	--	MG/KG	0.0021 UT	0.0017 UT	0.002 UT	0.0019 UT
Carbon Disulfide	--	--	--	MG/KG	0.001 UT	0.00086 UT	0.001 U	0.00094 U
Carbon Tetrachloride	0.76	7.1	0.76	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
Chlorobenzene	4.5	100	4.5	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
Chloroethane	--	--	--	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
Chloroform	0.37	24	0.37	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
Chloromethane	--	--	--	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
Cis-1,2-Dichloroethylene	0.19	41	0.19	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
Cis-1,3-Dichloropropene	--	--	--	MG/KG	0.001 U	0.00086 U	0.001 UJ	0.00094 UJ
Cyclohexane	--	--	--	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
Dibromochloromethane	--	--	--	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 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-05	Sample Designation: ETSB-05	Sample Designation: ETSB-06	Sample Designation: ETSB-06
					Sample Date: 01/13/2026	Sample Date: 01/13/2026	Sample Date: 01/20/2026	Sample Date: 01/20/2026
					Sample Depth (bls): 2 - 6 in	Sample Depth (bls): 2 - 4 ft	Sample Depth (bls): 2 - 6 in	Sample Depth (bls): 2 - 4 ft
					Normal Sample or Field Duplicate: N	Normal Sample or Field Duplicate: N	Normal Sample or Field Duplicate: N	Normal Sample or Field Duplicate: N
Dichlorodifluoromethane	--	--	--	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
Ethylbenzene	**1**	76	1	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
Isopropylbenzene (Cumene)	--	--	--	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
m,p-Xylene	**0.26**	100	1.2	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
Methyl Acetate	--	--	--	MG/KG	0.0051 U	0.0043 U	0.0051 U	0.0047 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1	MG/KG	0.0051 U	0.0017 J	0.0051 U	0.0047 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	MG/KG	0.0051 U	0.0043 U	0.0051 U	0.0047 U
Methylcyclohexane	--	--	--	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
Methylene Chloride	0.05	81	0.05	MG/KG	0.0021 UT	0.0017 UT	0.002 U	0.0011 J
N-Butylbenzene	**18**	100	18	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
N-Propylbenzene	**5**	100	5	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
O-Xylene (1,2-Dimethylbenzene)	0.26	100	1.2	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
Sec-Butylbenzene	25	100	25	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
Styrene	--	--	--	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
T-Butylbenzene	11	100	11	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
Tert-Butyl Methyl Ether	0.1	100	0.1	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
Tetrachloroethylene (PCE)	1.3	18	1.3	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
Toluene	0.7	100	0.7	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
Trans-1,2-Dichloroethene	0.19	100	0.19	MG/KG	0.001 UT	0.00086 UT	0.001 U	0.00094 U
Trans-1,3-Dichloropropene	--	--	--	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
Trichloroethylene (TCE)	0.47	6.4	0.47	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
Trichlorofluoromethane	--	--	--	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
Vinyl Chloride	0.03	0.48	0.03	MG/KG	0.001 U	0.00086 U	0.001 U	0.00094 U
Xylenes	**0.26**	100	1.2	MG/KG	0.0021 U	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

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	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	2 - 6 in
					Normal Sample or Field Duplicate: N	N	N	N
1,1,1-Trichloroethane (TCA)	0.68	100	0.68	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
1,1,2,2-Tetrachloroethane	--	--	--	MG/KG	0.001 UJ	0.0011 UJ	0.0012 UJ	0.00085 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 UT
1,1,2-Trichloroethane	--	--	--	MG/KG	0.001 UJ	0.0011 UJ	0.0012 UJ	0.00085 U
1,1-Dichloroethane	0.27	47	0.27	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
1,1-Dichloroethene	0.24	0.98	0.33	MG/KG	0.001 UT	0.0011 UT	0.0012 UT	0.00085 UT
1,2,3-Trichlorobenzene	--	--	--	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
1,2,4-Trichlorobenzene	--	--	--	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
1,2,4-Trimethylbenzene	**5.9**	100	5.9	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
1,2-Dibromo-3-Chloropropane	--	--	--	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
1,2-Dichloroethane	0.02	5.8	0.02	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
1,2-Dichloropropane	--	--	--	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
1,3-Dichlorobenzene	2.6	38	2.6	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
1,4-Dichlorobenzene	1.8	24	1.8	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
2-Hexanone	--	--	--	MG/KG	0.005 U	0.0053 U	0.0058 U	0.0042 U
Acetone	**0.03**	100	0.03	MG/KG	0.006 U	0.0064 U	0.013	0.017
Benzene	0.06	3.7	0.06	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
Bromochloromethane	--	--	--	MG/KG	0.001 UT	0.0011 UT	0.0012 UT	0.00085 U
Bromodichloromethane	--	--	--	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
Bromoform	--	--	--	MG/KG	0.001 UT	0.0011 UT	0.0012 UT	0.00085 U
Bromomethane	--	--	--	MG/KG	0.002 UT	0.0021 UT	0.0023 UT	0.0017 U
Carbon Disulfide	--	--	--	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 UT
Carbon Tetrachloride	0.76	7.1	0.76	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
Chlorobenzene	4.5	100	4.5	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
Chloroethane	--	--	--	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
Chloroform	0.37	24	0.37	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
Chloromethane	--	--	--	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
Cis-1,2-Dichloroethylene	0.19	41	0.19	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
Cis-1,3-Dichloropropene	--	--	--	MG/KG	0.001 UJ	0.0011 UJ	0.0012 UJ	0.00085 U
Cyclohexane	--	--	--	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
Dibromochloromethane	--	--	--	MG/KG	0.001 U	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

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 6 - 8 ft N	ETSB-06 01/20/2026 8 - 10 ft N	ETSB-06 01/20/2026 10 - 12 ft N	ETSB-07 01/12/2026 2 - 6 in N
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	2 - 6 in
Normal Sample or Field Duplicate:					N	N	N	N
Dichlorodifluoromethane	--	--	--	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
Ethylbenzene	**1**	76	1	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
Isopropylbenzene (Cumene)	--	--	--	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
m,p-Xylene	**0.26**	100	1.2	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
Methyl Acetate	--	--	--	MG/KG	0.005 U	0.0053 U	0.0058 U	0.0042 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1	MG/KG	0.005 U	0.0053 U	0.0058 U	0.0042 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	MG/KG	0.005 U	0.0053 U	0.0058 U	0.0042 U
Methylcyclohexane	--	--	--	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
Methylene Chloride	0.05	81	0.05	MG/KG	0.002 U	0.0021 U	0.0023 U	0.0017 U
N-Butylbenzene	**18**	100	18	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
N-Propylbenzene	**5**	100	5	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
O-Xylene (1,2-Dimethylbenzene)	0.26	100	1.2	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
Sec-Butylbenzene	25	100	25	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
Styrene	--	--	--	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
T-Butylbenzene	11	100	11	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
Tert-Butyl Methyl Ether	0.1	100	0.1	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
Tetrachloroethylene (PCE)	1.3	18	1.3	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
Toluene	0.7	100	0.7	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
Trans-1,2-Dichloroethene	0.19	100	0.19	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 UT
Trans-1,3-Dichloropropene	--	--	--	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
Trichloroethylene (TCE)	0.47	6.4	0.47	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
Trichlorofluoromethane	--	--	--	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
Vinyl Chloride	0.03	0.48	0.03	MG/KG	0.001 U	0.0011 U	0.0012 U	0.00085 U
Xylenes	**0.26**	100	1.2	MG/KG	0.002 U	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	ETSB-07	ETSB-07	ETSB-07	ETSB-07
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
1,1,1-Trichloroethane (TCA)	0.68	100	0.68	MG/KG	0.00084 U	0.00098 U	0.00095 U	0.001 U
1,1,2,2-Tetrachloroethane	--	--	--	MG/KG	0.00084 U	0.00098 U	0.00095 U	0.001 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	MG/KG	0.00084 UT	0.00098 UT	0.00095 UT	0.001 UT
1,1,2-Trichloroethane	--	--	--	MG/KG	0.00084 U	0.00098 U	0.00095 U	0.001 U
1,1-Dichloroethane	0.27	47	0.27	MG/KG	0.00084 U	0.00098 U	0.00095 U	0.001 U
1,1-Dichloroethene	0.24	0.98	0.33	MG/KG	0.00084 UT	0.00098 UT	0.00095 UT	0.001 UT
1,2,3-Trichlorobenzene	--	--	--	MG/KG	0.00084 UJ	0.00098 U	0.00095 U	0.001 U
1,2,4-Trichlorobenzene	--	--	--	MG/KG	0.00084 UJ	0.00098 U	0.00095 U	0.001 U
1,2,4-Trimethylbenzene	**5.9**	100	5.9	MG/KG	0.00084 UJ	0.00098 U	0.00095 U	0.001 U
1,2-Dibromo-3-Chloropropane	--	--	--	MG/KG	0.00084 UJ	0.00098 U	0.00095 U	0.001 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	MG/KG	0.00084 UJ	0.00098 U	0.00095 U	0.001 U
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG	0.00084 UJ	0.00098 U	0.00095 U	0.001 U
1,2-Dichloroethane	0.02	5.8	0.02	MG/KG	0.00084 U	0.00098 U	0.00095 U	0.001 U
1,2-Dichloropropane	--	--	--	MG/KG	0.00084 U	0.00098 U	0.00095 U	0.001 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1	MG/KG	0.00084 UJ	0.00098 U	0.00095 U	0.001 U
1,3-Dichlorobenzene	2.6	38	2.6	MG/KG	0.00084 UJ	0.00098 U	0.00095 U	0.001 U
1,4-Dichlorobenzene	1.8	24	1.8	MG/KG	0.00084 U	0.00098 U	0.00095 U	0.001 U
2-Hexanone	--	--	--	MG/KG	0.0042 UJ	0.0049 U	0.0047 U	0.005 U
Acetone	**0.03**	100	0.03	MG/KG	0.013	0.0099	0.0079	0.01
Benzene	0.06	3.7	0.06	MG/KG	0.00084 U	0.00098 U	0.00095 U	0.001 U
Bromochloromethane	--	--	--	MG/KG	0.00084 U	0.00098 U	0.00095 U	0.001 U
Bromodichloromethane	--	--	--	MG/KG	0.00084 U	0.00098 U	0.00095 U	0.001 U
Bromoform	--	--	--	MG/KG	0.00084 U	0.00098 U	0.00095 U	0.001 U
Bromomethane	--	--	--	MG/KG	0.0017 U	0.002 U	0.0019 U	0.002 U
Carbon Disulfide	--	--	--	MG/KG	0.00084 UT	0.00098 UT	0.00095 UT	0.001 UT
Carbon Tetrachloride	0.76	7.1	0.76	MG/KG	0.00084 U	0.00098 U	0.00095 U	0.001 U
Chlorobenzene	4.5	100	4.5	MG/KG	0.00084 UJ	0.00098 U	0.00095 U	0.001 U
Chloroethane	--	--	--	MG/KG	0.00084 U	0.00098 U	0.00095 U	0.001 U
Chloroform	0.37	24	0.37	MG/KG	0.00084 U	0.00098 U	0.00095 U	0.001 U
Chloromethane	--	--	--	MG/KG	0.00084 U	0.00098 U	0.00095 U	0.001 U
Cis-1,2-Dichloroethylene	0.19	41	0.19	MG/KG	0.00084 U	0.00098 U	0.00095 U	0.001 U
Cis-1,3-Dichloropropene	--	--	--	MG/KG	0.00084 U	0.00098 U	0.00095 U	0.001 U
Cyclohexane	--	--	--	MG/KG	0.00084 U	0.00098 U	0.00095 U	0.001 U
Dibromochloromethane	--	--	--	MG/KG	0.00084 U	0.00098 U	0.00095 U	0.001 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	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
Dichlorodifluoromethane	--	--	--	MG/KG	0.00084 U	0.00098 U	0.00095 U	0.001 U
Ethylbenzene	**1**	76	1	MG/KG	0.00084 UJ	0.00098 U	0.00095 U	0.001 U
Isopropylbenzene (Cumene)	--	--	--	MG/KG	0.00084 UJ	0.00098 U	0.00095 U	0.001 U
m,p-Xylene	**0.26**	100	1.2	MG/KG	0.00084 UJ	0.00098 U	0.00095 U	0.001 U
Methyl Acetate	--	--	--	MG/KG	0.0042 U	0.0049 U	0.0047 U	0.005 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1	MG/KG	0.0042 U	0.0049 U	0.0047 U	0.005 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	MG/KG	0.0042 U	0.0049 U	0.0047 U	0.005 U
Methylcyclohexane	--	--	--	MG/KG	0.00084 UJ	0.00098 U	0.00095 U	0.001 U
Methylene Chloride	0.05	81	0.05	MG/KG	0.0017 U	0.002 U	0.0019 U	0.002 U
N-Butylbenzene	**18**	100	18	MG/KG	0.00084 UJ	0.00098 U	0.00095 U	0.001 U
N-Propylbenzene	**5**	100	5	MG/KG	0.00084 UJ	0.00098 U	0.00095 U	0.001 U
O-Xylene (1,2-Dimethylbenzene)	0.26	100	1.2	MG/KG	0.00084 UJ	0.00098 U	0.00095 U	0.001 U
Sec-Butylbenzene	25	100	25	MG/KG	0.00084 UJ	0.00098 U	0.00095 U	0.001 U
Styrene	--	--	--	MG/KG	0.00084 U	0.00098 U	0.00095 U	0.001 U
T-Butylbenzene	11	100	11	MG/KG	0.00084 UJ	0.00098 U	0.00095 U	0.001 U
Tert-Butyl Methyl Ether	0.1	100	0.1	MG/KG	0.00084 U	0.00098 U	0.00095 U	0.001 U
Tetrachloroethylene (PCE)	1.3	18	1.3	MG/KG	0.00084 U	0.00098 U	0.00095 U	0.001 U
Toluene	0.7	100	0.7	MG/KG	0.00084 U	0.00098 U	0.00095 U	0.001 U
Trans-1,2-Dichloroethene	0.19	100	0.19	MG/KG	0.00084 UT	0.00098 UT	0.00095 UT	0.001 UT
Trans-1,3-Dichloropropene	--	--	--	MG/KG	0.00084 U	0.00098 U	0.00095 U	0.001 U
Trichloroethylene (TCE)	0.47	6.4	0.47	MG/KG	0.00084 U	0.00098 U	0.00095 U	0.001 U
Trichlorofluoromethane	--	--	--	MG/KG	0.00084 U	0.00098 U	0.00095 U	0.001 U
Vinyl Chloride	0.03	0.48	0.03	MG/KG	0.00084 U	0.00098 U	0.00095 U	0.001 U
Xylenes	**0.26**	100	1.2	MG/KG	0.0017 UJ	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

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-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	2 - 6 in	2 - 4 ft	5 - 7 ft
					Normal Sample or Field Duplicate: N	N	N	N
1,1,1-Trichloroethane (TCA)	0.68	100	0.68	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
1,1,2,2-Tetrachloroethane	--	--	--	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	MG/KG	0.00083 UT	0.0013 U	0.0012 U	2.3 U
1,1,2-Trichloroethane	--	--	--	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
1,1-Dichloroethane	0.27	47	0.27	MG/KG	0.00083 U	0.0013 UT	0.0012 UT	2.3 U
1,1-Dichloroethene	0.24	0.98	0.33	MG/KG	0.00083 UT	0.0013 UT	0.0012 UT	2.3 U
1,2,3-Trichlorobenzene	--	--	--	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 UT
1,2,4-Trichlorobenzene	--	--	--	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
1,2,4-Trimethylbenzene	**5.9**	100	5.9	MG/KG	0.00083 U	0.0013 U	0.0012 U	**420**
1,2-Dibromo-3-Chloropropane	--	--	--	MG/KG	0.00083 U	0.0013 UJ	0.0012 UJ	2.3 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
1,2-Dichloroethane	0.02	5.8	0.02	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
1,2-Dichloropropane	--	--	--	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
1,3-Dichlorobenzene	2.6	38	2.6	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
1,4-Dichlorobenzene	1.8	24	1.8	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
2-Hexanone	--	--	--	MG/KG	0.0041 U	0.0066 U	0.006 U	12 U
Acetone	**0.03**	100	0.03	MG/KG	0.005 U	0.008 U	0.01	12 U
Benzene	0.06	3.7	0.06	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
Bromochloromethane	--	--	--	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
Bromodichloromethane	--	--	--	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
Bromoform	--	--	--	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
Bromomethane	--	--	--	MG/KG	0.0017 U	0.0027 UT	0.0024 UT	2.3 U
Carbon Disulfide	--	--	--	MG/KG	0.00083 UT	0.0013 UT	0.0012 UT	2.3 U
Carbon Tetrachloride	0.76	7.1	0.76	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
Chlorobenzene	4.5	100	4.5	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
Chloroethane	--	--	--	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
Chloroform	0.37	24	0.37	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
Chloromethane	--	--	--	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
Cis-1,2-Dichloroethylene	0.19	41	0.19	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
Cis-1,3-Dichloropropene	--	--	--	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
Cyclohexane	--	--	--	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
Dibromochloromethane	--	--	--	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 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-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	2 - 6 in	2 - 4 ft	5 - 7 ft
					Normal Sample or Field Duplicate: N	N	N	N
Dichlorodifluoromethane	--	--	--	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
Ethylbenzene	**1**	76	1	MG/KG	0.00083 U	0.0013 U	0.0012 U	**37**
Isopropylbenzene (Cumene)	--	--	--	MG/KG	0.00083 U	0.0013 U	0.0012 U	14
m,p-Xylene	**0.26**	100	1.2	MG/KG	0.00083 U	0.0013 U	0.0012 U	**0.75 J**
Methyl Acetate	--	--	--	MG/KG	0.0041 U	0.0066 U	0.006 U	12 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1	MG/KG	0.0041 U	0.0066 U	0.006 U	12 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	MG/KG	0.0041 U	0.0066 U	0.006 U	12 U
Methylcyclohexane	--	--	--	MG/KG	0.00083 U	0.0013 U	0.0012 U	17
Methylene Chloride	0.05	81	0.05	MG/KG	0.0017 U	0.0027 UT	0.0024 UT	2.3 U
N-Butylbenzene	**18**	100	18	MG/KG	0.00083 U	0.0013 U	0.0012 U	**35**
N-Propylbenzene	**5**	100	5	MG/KG	0.00083 U	0.0013 U	0.0012 U	**62**
O-Xylene (1,2-Dimethylbenzene)	0.26	100	1.2	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
Sec-Butylbenzene	25	100	25	MG/KG	0.00083 U	0.0013 U	0.0012 U	13
Styrene	--	--	--	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
T-Butylbenzene	11	100	11	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
Tert-Butyl Methyl Ether	0.1	100	0.1	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
Tetrachloroethylene (PCE)	1.3	18	1.3	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
Toluene	0.7	100	0.7	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
Trans-1,2-Dichloroethene	0.19	100	0.19	MG/KG	0.00083 UT	0.0013 UT	0.0012 UT	2.3 U
Trans-1,3-Dichloropropene	--	--	--	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
Trichloroethylene (TCE)	0.47	6.4	0.47	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
Trichlorofluoromethane	--	--	--	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
Vinyl Chloride	0.03	0.48	0.03	MG/KG	0.00083 U	0.0013 U	0.0012 U	2.3 U
Xylenes	**0.26**	100	1.2	MG/KG	0.0017 U	0.0027 U	0.0024 U	**0.75 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: 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	2 - 6 in	2 - 4 ft	6 - 8 ft
					Normal Sample or Field Duplicate: N	N	N	N
1,1,1-Trichloroethane (TCA)	0.68	100	0.68	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
1,1,2,2-Tetrachloroethane	--	--	--	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
1,1,2-Trichloroethane	--	--	--	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
1,1-Dichloroethane	0.27	47	0.27	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
1,1-Dichloroethene	0.24	0.98	0.33	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
1,2,3-Trichlorobenzene	--	--	--	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
1,2,4-Trichlorobenzene	--	--	--	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
1,2,4-Trimethylbenzene	**5.9**	100	5.9	MG/KG	0.0077	0.00091 U	0.00087 U	0.00083 U
1,2-Dibromo-3-Chloropropane	--	--	--	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
1,2-Dichloroethane	0.02	5.8	0.02	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
1,2-Dichloropropane	--	--	--	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1	MG/KG	0.00037 J	0.00091 U	0.00087 U	0.00083 U
1,3-Dichlorobenzene	2.6	38	2.6	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
1,4-Dichlorobenzene	1.8	24	1.8	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
2-Hexanone	--	--	--	MG/KG	0.0051 U	0.0046 U	0.0043 U	0.0042 U
Acetone	**0.03**	100	0.03	MG/KG	**0.044**	0.012	0.005 J	0.007
Benzene	0.06	3.7	0.06	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
Bromochloromethane	--	--	--	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
Bromodichloromethane	--	--	--	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
Bromoform	--	--	--	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
Bromomethane	--	--	--	MG/KG	0.002 UT	0.0018 U	0.0017 U	0.0017 U
Carbon Disulfide	--	--	--	MG/KG	0.0051	0.00091 UT	0.00087 UT	0.00083 UT
Carbon Tetrachloride	0.76	7.1	0.76	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
Chlorobenzene	4.5	100	4.5	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
Chloroethane	--	--	--	MG/KG	0.001 UT	0.00091 UT	0.00087 U	0.00083 U
Chloroform	0.37	24	0.37	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
Chloromethane	--	--	--	MG/KG	0.001 UT	0.00091 U	0.00087 U	0.00083 U
Cis-1,2-Dichloroethylene	0.19	41	0.19	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
Cis-1,3-Dichloropropene	--	--	--	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
Cyclohexane	--	--	--	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
Dibromochloromethane	--	--	--	MG/KG	0.001 U	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

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-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	2 - 6 in	2 - 4 ft	6 - 8 ft
					Normal Sample or Field Duplicate: N	N	N	N
Dichlorodifluoromethane	--	--	--	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
Ethylbenzene	**1**	76	1	MG/KG	0.0013	0.00091 U	0.00087 U	0.00083 U
Isopropylbenzene (Cumene)	--	--	--	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
m,p-Xylene	**0.26**	100	1.2	MG/KG	0.0012	0.00091 U	0.00087 U	0.00083 U
Methyl Acetate	--	--	--	MG/KG	0.0051 U	0.0046 U	0.0043 U	0.0042 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1	MG/KG	0.012	0.0046 U	0.0043 U	0.0042 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	MG/KG	0.0051 U	0.0046 U	0.0043 U	0.0042 U
Methylcyclohexane	--	--	--	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
Methylene Chloride	0.05	81	0.05	MG/KG	0.002 U	0.0018 U	0.0017 U	0.0017 U
N-Butylbenzene	**18**	100	18	MG/KG	0.00046 J	0.00091 U	0.00087 U	0.00083 U
N-Propylbenzene	**5**	100	5	MG/KG	0.0011	0.00091 U	0.00087 U	0.00083 U
O-Xylene (1,2-Dimethylbenzene)	0.26	100	1.2	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
Sec-Butylbenzene	25	100	25	MG/KG	0.001 U	0.00091 UJ	0.00087 UJ	0.00083 UJ
Styrene	--	--	--	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
T-Butylbenzene	11	100	11	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
Tert-Butyl Methyl Ether	0.1	100	0.1	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
Tetrachloroethylene (PCE)	1.3	18	1.3	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
Toluene	0.7	100	0.7	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
Trans-1,2-Dichloroethene	0.19	100	0.19	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
Trans-1,3-Dichloropropene	--	--	--	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
Trichloroethylene (TCE)	0.47	6.4	0.47	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
Trichlorofluoromethane	--	--	--	MG/KG	0.001 U	0.00091 U	0.00087 U	0.00083 U
Vinyl Chloride	0.03	0.48	0.03	MG/KG	0.001 UT	0.00091 UJ	0.00087 U	0.00083 U
Xylenes	**0.26**	100	1.2	MG/KG	0.0015 J	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	ETSB-09	ETSB-09	ETSB-10	ETSB-10
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	2 - 6 in	2 - 4 ft
Normal Sample or Field Duplicate:					N	N	N	N
1,1,1-Trichloroethane (TCA)	0.68	100	0.68	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
1,1,2,2-Tetrachloroethane	--	--	--	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	MG/KG	0.00086 U	0.00084 U	0.0011 UT	0.00086 UT
1,1,2-Trichloroethane	--	--	--	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
1,1-Dichloroethane	0.27	47	0.27	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
1,1-Dichloroethene	0.24	0.98	0.33	MG/KG	0.00086 U	0.00084 U	0.0011 UT	0.00086 UT
1,2,3-Trichlorobenzene	--	--	--	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
1,2,4-Trichlorobenzene	--	--	--	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
1,2,4-Trimethylbenzene	**5.9**	100	5.9	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
1,2-Dibromo-3-Chloropropane	--	--	--	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
1,2-Dichloroethane	0.02	5.8	0.02	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
1,2-Dichloropropane	--	--	--	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
1,3-Dichlorobenzene	2.6	38	2.6	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
1,4-Dichlorobenzene	1.8	24	1.8	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
2-Hexanone	--	--	--	MG/KG	0.0043 U	0.0042 U	0.0053 U	0.0043 U
Acetone	**0.03**	100	0.03	MG/KG	0.0051 U	0.0076	0.0063 U	0.0052 U
Benzene	0.06	3.7	0.06	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
Bromochloromethane	--	--	--	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
Bromodichloromethane	--	--	--	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
Bromoform	--	--	--	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
Bromomethane	--	--	--	MG/KG	0.0017 U	0.0017 U	0.0021 U	0.0017 U
Carbon Disulfide	--	--	--	MG/KG	0.00086 UT	0.00084 UT	0.0011 UT	0.00086 UT
Carbon Tetrachloride	0.76	7.1	0.76	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
Chlorobenzene	4.5	100	4.5	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
Chloroethane	--	--	--	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
Chloroform	0.37	24	0.37	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
Chloromethane	--	--	--	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
Cis-1,2-Dichloroethylene	0.19	41	0.19	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
Cis-1,3-Dichloropropene	--	--	--	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
Cyclohexane	--	--	--	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
Dibromochloromethane	--	--	--	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 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	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	2 - 6 in	2 - 4 ft
					Normal Sample or Field Duplicate: N	N	N	N
Dichlorodifluoromethane	--	--	--	MG/KG	0.00086 U	0.00084 U	0.0011 UT	0.00086 UT
Ethylbenzene	**1**	76	1	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
Isopropylbenzene (Cumene)	--	--	--	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
m,p-Xylene	**0.26**	100	1.2	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
Methyl Acetate	--	--	--	MG/KG	0.0043 U	0.0042 U	0.0053 U	0.0043 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1	MG/KG	0.0043 U	0.0042 U	0.0053 U	0.0043 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	MG/KG	0.0043 U	0.0042 U	0.0053 U	0.0043 U
Methylcyclohexane	--	--	--	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
Methylene Chloride	0.05	81	0.05	MG/KG	0.0017 U	0.0017 U	0.0021 U	0.0017 U
N-Butylbenzene	**18**	100	18	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
N-Propylbenzene	**5**	100	5	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
O-Xylene (1,2-Dimethylbenzene)	0.26	100	1.2	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
Sec-Butylbenzene	25	100	25	MG/KG	0.00086 UJ	0.00084 UJ	0.0011 UJ	0.00086 UJ
Styrene	--	--	--	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
T-Butylbenzene	11	100	11	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
Tert-Butyl Methyl Ether	0.1	100	0.1	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
Tetrachloroethylene (PCE)	1.3	18	1.3	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
Toluene	0.7	100	0.7	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
Trans-1,2-Dichloroethene	0.19	100	0.19	MG/KG	0.00086 U	0.00084 U	0.0011 UT	0.00086 UT
Trans-1,3-Dichloropropene	--	--	--	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
Trichloroethylene (TCE)	0.47	6.4	0.47	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
Trichlorofluoromethane	--	--	--	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
Vinyl Chloride	0.03	0.48	0.03	MG/KG	0.00086 U	0.00084 U	0.0011 U	0.00086 U
Xylenes	**0.26**	100	1.2	MG/KG	0.0017 U	0.0017 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	ETSB-10	ETSB-11	ETSB-11	ETSB-11
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	2 - 6 in	2 - 4 ft	14 - 16 ft
Normal Sample or Field Duplicate:					N	N	N	N
1,1,1-Trichloroethane (TCA)	0.68	100	0.68	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
1,1,2,2-Tetrachloroethane	--	--	--	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	MG/KG	0.00099 UT	0.00086 U	0.00096 U	0.00085 U
1,1,2-Trichloroethane	--	--	--	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
1,1-Dichloroethane	0.27	47	0.27	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
1,1-Dichloroethene	0.24	0.98	0.33	MG/KG	0.00099 UT	0.00086 U	0.00096 U	0.00085 U
1,2,3-Trichlorobenzene	--	--	--	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
1,2,4-Trichlorobenzene	--	--	--	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
1,2,4-Trimethylbenzene	**5.9**	100	5.9	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
1,2-Dibromo-3-Chloropropane	--	--	--	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
1,2-Dichloroethane	0.02	5.8	0.02	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
1,2-Dichloropropane	--	--	--	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
1,3-Dichlorobenzene	2.6	38	2.6	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
1,4-Dichlorobenzene	1.8	24	1.8	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
2-Hexanone	--	--	--	MG/KG	0.0049 U	0.0043 U	0.0048 U	0.0042 U
Acetone	**0.03**	100	0.03	MG/KG	0.0059	0.0073	0.0079	0.0085
Benzene	0.06	3.7	0.06	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
Bromochloromethane	--	--	--	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
Bromodichloromethane	--	--	--	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
Bromoform	--	--	--	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
Bromomethane	--	--	--	MG/KG	0.002 U	0.0017 U	0.0019 U	0.0017 U
Carbon Disulfide	--	--	--	MG/KG	0.00099 UT	0.00086 U	0.00096 U	0.00085 U
Carbon Tetrachloride	0.76	7.1	0.76	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
Chlorobenzene	4.5	100	4.5	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
Chloroethane	--	--	--	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
Chloroform	0.37	24	0.37	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
Chloromethane	--	--	--	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
Cis-1,2-Dichloroethylene	0.19	41	0.19	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
Cis-1,3-Dichloropropene	--	--	--	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
Cyclohexane	--	--	--	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
Dibromochloromethane	--	--	--	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 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	ETSB-10	ETSB-11	ETSB-11	ETSB-11
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	2 - 6 in	2 - 4 ft	14 - 16 ft
Normal Sample or Field Duplicate:					N	N	N	N
Dichlorodifluoromethane	--	--	--	MG/KG	0.00099 UT	0.00086 U	0.00096 U	0.00085 U
Ethylbenzene	**1**	76	1	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
Isopropylbenzene (Cumene)	--	--	--	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
m,p-Xylene	**0.26**	100	1.2	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
Methyl Acetate	--	--	--	MG/KG	0.0049 U	0.0043 U	0.0048 U	0.0042 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1	MG/KG	0.0049 U	0.0043 U	0.0048 U	0.0042 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	MG/KG	0.0049 U	0.0043 U	0.0048 U	0.0042 U
Methylcyclohexane	--	--	--	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
Methylene Chloride	0.05	81	0.05	MG/KG	0.002 U	0.0017 U	0.0019 U	0.0017 U
N-Butylbenzene	**18**	100	18	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
N-Propylbenzene	**5**	100	5	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
O-Xylene (1,2-Dimethylbenzene)	0.26	100	1.2	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
Sec-Butylbenzene	25	100	25	MG/KG	0.00099 UJ	0.00086 UJ	0.00096 UJ	0.00085 UJ
Styrene	--	--	--	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
T-Butylbenzene	11	100	11	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
Tert-Butyl Methyl Ether	0.1	100	0.1	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
Tetrachloroethylene (PCE)	1.3	18	1.3	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
Toluene	0.7	100	0.7	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
Trans-1,2-Dichloroethene	0.19	100	0.19	MG/KG	0.00099 UT	0.00086 U	0.00096 U	0.00085 U
Trans-1,3-Dichloropropene	--	--	--	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
Trichloroethylene (TCE)	0.47	6.4	0.47	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
Trichlorofluoromethane	--	--	--	MG/KG	0.00099 U	0.00086 U	0.00096 U	0.00085 U
Vinyl Chloride	0.03	0.48	0.03	MG/KG	0.00099 U	0.00086 UJ	0.00096 UJ	0.00085 UJ
Xylenes	**0.26**	100	1.2	MG/KG	0.002 U	0.0017 U	0.0019 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: RX-3	RX-3	RX-4	RX-4
					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	11 - 13 ft
					Normal Sample or Field Duplicate: N	N	N	N
1,1,1-Trichloroethane (TCA)	0.68	100	0.68	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
1,1,2,2-Tetrachloroethane	--	--	--	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
1,1,2-Trichloroethane	--	--	--	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
1,1-Dichloroethane	0.27	47	0.27	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
1,1-Dichloroethene	0.24	0.98	0.33	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
1,2,3-Trichlorobenzene	--	--	--	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
1,2,4-Trichlorobenzene	--	--	--	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
1,2,4-Trimethylbenzene	**5.9**	100	5.9	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
1,2-Dibromo-3-Chloropropane	--	--	--	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
1,2-Dichloroethane	0.02	5.8	0.02	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
1,2-Dichloropropane	--	--	--	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
1,3-Dichlorobenzene	2.6	38	2.6	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
1,4-Dichlorobenzene	1.8	24	1.8	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
2-Hexanone	--	--	--	MG/KG	0.0054 U	0.0078 U	0.005 U	0.0053 U
Acetone	**0.03**	100	0.03	MG/KG	0.0065 U	0.0094 U	0.006 U	0.0064 U
Benzene	0.06	3.7	0.06	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
Bromochloromethane	--	--	--	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
Bromodichloromethane	--	--	--	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
Bromoform	--	--	--	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
Bromomethane	--	--	--	MG/KG	0.0022 U	0.0031 U	0.002 U	0.0021 U
Carbon Disulfide	--	--	--	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
Carbon Tetrachloride	0.76	7.1	0.76	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
Chlorobenzene	4.5	100	4.5	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
Chloroethane	--	--	--	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
Chloroform	0.37	24	0.37	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
Chloromethane	--	--	--	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
Cis-1,2-Dichloroethylene	0.19	41	0.19	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
Cis-1,3-Dichloropropene	--	--	--	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
Cyclohexane	--	--	--	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
Dibromochloromethane	--	--	--	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U

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

				Sample Designation:	RX-3	RX-3	RX-4	RX-4
				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	11 - 13 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				
Dichlorodifluoromethane	--	--	--	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
Ethylbenzene	**1**	76	1	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
Isopropylbenzene (Cumene)	--	--	--	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
m,p-Xylene	**0.26**	100	1.2	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
Methyl Acetate	--	--	--	MG/KG	0.0054 U	0.0078 U	0.005 U	0.0053 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1	MG/KG	0.0054 U	0.0078 U	0.005 U	0.0053 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	MG/KG	0.0054 U	0.0078 U	0.005 U	0.0053 U
Methylcyclohexane	--	--	--	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
Methylene Chloride	0.05	81	0.05	MG/KG	0.0022 U	0.0031 U	0.002 U	0.0021 U
N-Butylbenzene	**18**	100	18	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
N-Propylbenzene	**5**	100	5	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
O-Xylene (1,2-Dimethylbenzene)	0.26	100	1.2	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
Sec-Butylbenzene	25	100	25	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
Styrene	--	--	--	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
T-Butylbenzene	11	100	11	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
Tert-Butyl Methyl Ether	0.1	100	0.1	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	18	1.3	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
Toluene	0.7	100	0.7	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
Trans-1,3-Dichloropropene	--	--	--	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
Trichloroethylene (TCE)	0.47	6.4	0.47	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
Trichlorofluoromethane	--	--	--	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
Vinyl Chloride	0.03	0.48	0.03	MG/KG	0.0011 U	0.0016 U	0.001 U	0.0011 U
Xylenes	**0.26**	100	1.2	MG/KG	0.0022 U	0.0031 U	0.002 U	0.0021 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	RX-5	RX-5	RX-6	RX-6
Sample Designation:					RX-5	RX-5	RX-6	RX-6
Sample Date:					05/31/2022	05/31/2022	05/31/2022	05/31/2022
Sample Depth (bls):					0 - 2 ft	10 - 12 ft	0 - 2 ft	12 - 14 ft
Normal Sample or Field Duplicate:					N	N	N	N
1,1,1-Trichloroethane (TCA)	0.68	100	0.68	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
1,1,2,2-Tetrachloroethane	--	--	--	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
1,1,2-Trichloroethane	--	--	--	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
1,1-Dichloroethane	0.27	47	0.27	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
1,1-Dichloroethene	0.24	0.98	0.33	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
1,2,3-Trichlorobenzene	--	--	--	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
1,2,4-Trichlorobenzene	--	--	--	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
1,2,4-Trimethylbenzene	**5.9**	100	5.9	MG/KG	0.0007 J	0.0012 U	0.001 U	0.0012 U
1,2-Dibromo-3-Chloropropane	--	--	--	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
1,2-Dichloroethane	0.02	5.8	0.02	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
1,2-Dichloropropane	--	--	--	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
1,3-Dichlorobenzene	2.6	38	2.6	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
1,4-Dichlorobenzene	1.8	24	1.8	MG/KG	0.029	0.0012 U	0.001 U	0.0012 U
2-Hexanone	--	--	--	MG/KG	0.0065 U	0.0059 U	0.0052 U	0.0059 U
Acetone	**0.03**	100	0.03	MG/KG	**0.035**	0.0071 U	0.0063 U	0.0071 U
Benzene	0.06	3.7	0.06	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
Bromochloromethane	--	--	--	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
Bromodichloromethane	--	--	--	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
Bromoform	--	--	--	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
Bromomethane	--	--	--	MG/KG	0.0026 U	0.0024 U	0.0021 U	0.0024 U
Carbon Disulfide	--	--	--	MG/KG	0.0039	0.0012 U	0.001 U	0.0012 U
Carbon Tetrachloride	0.76	7.1	0.76	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
Chlorobenzene	4.5	100	4.5	MG/KG	0.0013	0.0012 U	0.001 U	0.0012 U
Chloroethane	--	--	--	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
Chloroform	0.37	24	0.37	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
Chloromethane	--	--	--	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
Cis-1,2-Dichloroethylene	0.19	41	0.19	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
Cis-1,3-Dichloropropene	--	--	--	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
Cyclohexane	--	--	--	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
Dibromochloromethane	--	--	--	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 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: RX-5	Sample Designation: RX-5	Sample Designation: RX-6	Sample Designation: RX-6
					Sample Date: 05/31/2022	Sample Date: 05/31/2022	Sample Date: 05/31/2022	Sample Date: 05/31/2022
					Sample Depth (bls): 0 - 2 ft	Sample Depth (bls): 10 - 12 ft	Sample Depth (bls): 0 - 2 ft	Sample Depth (bls): 12 - 14 ft
					Normal Sample or Field Duplicate: N	Normal Sample or Field Duplicate: N	Normal Sample or Field Duplicate: N	Normal Sample or Field Duplicate: N
Dichlorodifluoromethane	--	--	--	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
Ethylbenzene	**1**	76	1	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
Isopropylbenzene (Cumene)	--	--	--	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
m,p-Xylene	**0.26**	100	1.2	MG/KG	0.00023 J	0.0012 U	0.001 U	0.0012 U
Methyl Acetate	--	--	--	MG/KG	0.0065 U	0.0059 U	0.0052 U	0.0059 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1	MG/KG	0.0065 U	0.0059 U	0.0052 U	0.0059 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	MG/KG	0.0065 U	0.0059 U	0.0052 U	0.0059 U
Methylcyclohexane	--	--	--	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
Methylene Chloride	0.05	81	0.05	MG/KG	0.0026 U	0.0024 U	0.0021 U	0.0024 U
N-Butylbenzene	**18**	100	18	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
N-Propylbenzene	**5**	100	5	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
O-Xylene (1,2-Dimethylbenzene)	0.26	100	1.2	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
Sec-Butylbenzene	25	100	25	MG/KG	0.00091 J	0.0012 U	0.001 U	0.0012 U
Styrene	--	--	--	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
T-Butylbenzene	11	100	11	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
Tert-Butyl Methyl Ether	0.1	100	0.1	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
Tetrachloroethylene (PCE)	1.3	18	1.3	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
Toluene	0.7	100	0.7	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.19	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
Trans-1,3-Dichloropropene	--	--	--	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
Trichloroethylene (TCE)	0.47	6.4	0.47	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
Trichlorofluoromethane	--	--	--	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
Vinyl Chloride	0.03	0.48	0.03	MG/KG	0.0013 U	0.0012 U	0.001 U	0.0012 U
Xylenes	**0.26**	100	1.2	MG/KG	0.00023 J	0.0024 U	0.0021 U	0.0024 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	RX-18	RX-19	RX-20	RX-21
Sample Designation:					RX-18	RX-19	RX-20	RX-21
Sample Date:					02/15/2024	02/15/2024	02/15/2024	02/15/2024
Sample Depth (bls):					3 - 4 ft	3 - 5 ft	6 - 8 ft	10 - 12 ft
Normal Sample or Field Duplicate:					N	N	N	N
1,1,1-Trichloroethane (TCA)	0.68	100	0.68	MG/KG	0.12 U	0.0012 U	0.0015 U	0.0015 U
1,1,2,2-Tetrachloroethane	--	--	--	MG/KG	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	MG/KG	NA	NA	NA	NA
1,1,2-Trichloroethane	--	--	--	MG/KG	NA	NA	NA	NA
1,1-Dichloroethane	0.27	47	0.27	MG/KG	0.12 U	0.0012 U	0.0015 U	0.0015 U
1,1-Dichloroethene	0.24	0.98	0.33	MG/KG	0.12 U	0.0012 U	0.0015 U	0.0015 U
1,2,3-Trichlorobenzene	--	--	--	MG/KG	NA	NA	NA	NA
1,2,4-Trichlorobenzene	--	--	--	MG/KG	NA	NA	NA	NA
1,2,4-Trimethylbenzene	**5.9**	100	5.9	MG/KG	**9.6**	0.0004 J	0.0015 U	0.0015 U
1,2-Dibromo-3-Chloropropane	--	--	--	MG/KG	NA	NA	NA	NA
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	MG/KG	NA	NA	NA	NA
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG	0.12 U	0.0012 U	0.0015 U	0.0015 U
1,2-Dichloroethane	0.02	5.8	0.02	MG/KG	0.12 U	0.0012 U	0.0015 U	0.0015 U
1,2-Dichloropropane	--	--	--	MG/KG	NA	NA	NA	NA
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1	MG/KG	0.63	0.0012 U	0.0015 U	0.0015 U
1,3-Dichlorobenzene	2.6	38	2.6	MG/KG	0.12 U	0.0012 U	0.0015 U	0.0015 U
1,4-Dichlorobenzene	1.8	24	1.8	MG/KG	0.12 U	0.0012 U	0.0015 U	0.0015 U
2-Hexanone	--	--	--	MG/KG	NA	NA	NA	NA
Acetone	**0.03**	100	0.03	MG/KG	0.58 U	0.011	0.0091 U	0.0087 U
Benzene	0.06	3.7	0.06	MG/KG	0.12 U	0.0012 U	0.0015 U	0.0015 U
Bromochloromethane	--	--	--	MG/KG	NA	NA	NA	NA
Bromodichloromethane	--	--	--	MG/KG	NA	NA	NA	NA
Bromoform	--	--	--	MG/KG	NA	NA	NA	NA
Bromomethane	--	--	--	MG/KG	NA	NA	NA	NA
Carbon Disulfide	--	--	--	MG/KG	NA	NA	NA	NA
Carbon Tetrachloride	0.76	7.1	0.76	MG/KG	0.12 U	0.0012 U	0.0015 U	0.0015 U
Chlorobenzene	4.5	100	4.5	MG/KG	0.12 U	0.0012 U	0.0015 U	0.0015 U
Chloroethane	--	--	--	MG/KG	NA	NA	NA	NA
Chloroform	0.37	24	0.37	MG/KG	0.12 U	0.0012 U	0.0015 U	0.0015 U
Chloromethane	--	--	--	MG/KG	NA	NA	NA	NA
Cis-1,2-Dichloroethylene	0.19	41	0.19	MG/KG	0.12 U	0.0012 U	0.0015 U	0.0015 U
Cis-1,3-Dichloropropene	--	--	--	MG/KG	NA	NA	NA	NA
Cyclohexane	--	--	--	MG/KG	NA	NA	NA	NA
Dibromochloromethane	--	--	--	MG/KG	NA	NA	NA	NA

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

				Sample Designation:	RX-18	RX-19	RX-20	RX-21
				Sample Date:	02/15/2024	02/15/2024	02/15/2024	02/15/2024
				Sample Depth (bls):	3 - 4 ft	3 - 5 ft	6 - 8 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				
Dichlorodifluoromethane	--	--	--	MG/KG	NA	NA	NA	NA
Ethylbenzene	**1**	76	1	MG/KG	0.24	0.0012 U	0.0015 U	0.0015 U
Isopropylbenzene (Cumene)	--	--	--	MG/KG	NA	NA	NA	NA
m,p-Xylene	**0.26**	100	1.2	MG/KG	0.19	0.0012 U	0.0015 U	0.0015 U
Methyl Acetate	--	--	--	MG/KG	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1	MG/KG	0.58 U	0.006 U	0.0076 U	0.0073 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	MG/KG	NA	NA	NA	NA
Methylcyclohexane	--	--	--	MG/KG	NA	NA	NA	NA
Methylene Chloride	0.05	81	0.05	MG/KG	0.12 U	0.0024 U	0.003 U	0.0029 U
N-Butylbenzene	**18**	100	18	MG/KG	3	0.0012 U	0.0015 U	0.0015 U
N-Propylbenzene	**5**	100	5	MG/KG	2.6	0.0012 U	0.0015 U	0.0015 U
O-Xylene (1,2-Dimethylbenzene)	0.26	100	1.2	MG/KG	0.12 U	0.0012 U	0.0015 U	0.0015 U
Sec-Butylbenzene	25	100	25	MG/KG	1.1	0.0012 U	0.0015 U	0.0015 U
Styrene	--	--	--	MG/KG	NA	NA	NA	NA
T-Butylbenzene	11	100	11	MG/KG	0.12 U	0.0012 U	0.0015 U	0.0015 U
Tert-Butyl Methyl Ether	0.1	100	0.1	MG/KG	0.12 U	0.0012 U	0.0015 U	0.0015 U
Tetrachloroethylene (PCE)	1.3	18	1.3	MG/KG	0.12 U	0.0012 U	0.0015 U	0.0015 U
Toluene	0.7	100	0.7	MG/KG	0.07 J	0.0012 U	0.0015 U	0.0015 U
Trans-1,2-Dichloroethene	0.19	100	0.19	MG/KG	0.12 U	0.0012 U	0.0015 U	0.0015 U
Trans-1,3-Dichloropropene	--	--	--	MG/KG	NA	NA	NA	NA
Trichloroethylene (TCE)	0.47	6.4	0.47	MG/KG	0.12 U	0.0012 U	0.0015 U	0.0015 U
Trichlorofluoromethane	--	--	--	MG/KG	NA	NA	NA	NA
Vinyl Chloride	0.03	0.48	0.03	MG/KG	0.12 U	0.0012 U	0.0015 U	0.0015 U
Xylenes	**0.26**	100	1.2	MG/KG	0.19 J	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

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	RX-22	RX-23	RX-23	RX-24
Sample Designation:					RX-22	RX-23	RX-23	RX-24
Sample Date:					09/05/2024	09/06/2024	09/06/2024	09/06/2024
Sample Depth (bls):					5 - 6 ft	5 - 7 ft	10 - 12 ft	7 - 8 ft
Normal Sample or Field Duplicate:					N	N	N	N
1,1,1-Trichloroethane (TCA)	0.68	100	0.68	MG/KG	0.0012 U	0.00097 U	0.0011 U	0.0011 U
1,1,2,2-Tetrachloroethane	--	--	--	MG/KG	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	MG/KG	NA	NA	NA	NA
1,1,2-Trichloroethane	--	--	--	MG/KG	NA	NA	NA	NA
1,1-Dichloroethane	0.27	47	0.27	MG/KG	0.0012 U	0.00097 U	0.0011 U	0.0011 U
1,1-Dichloroethene	0.24	0.98	0.33	MG/KG	0.0012 U	0.00097 U	0.0011 U	0.0011 U
1,2,3-Trichlorobenzene	--	--	--	MG/KG	NA	NA	NA	NA
1,2,4-Trichlorobenzene	--	--	--	MG/KG	NA	NA	NA	NA
1,2,4-Trimethylbenzene	**5.9**	100	5.9	MG/KG	0.00046 J	0.0067	0.0007 J	0.11
1,2-Dibromo-3-Chloropropane	--	--	--	MG/KG	NA	NA	NA	NA
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	MG/KG	NA	NA	NA	NA
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG	0.0012 U	0.00097 U	0.0011 U	0.0011 U
1,2-Dichloroethane	0.02	5.8	0.02	MG/KG	0.0012 U	0.00097 U	0.0011 U	0.0011 U
1,2-Dichloropropane	--	--	--	MG/KG	NA	NA	NA	NA
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1	MG/KG	0.0012 U	0.00063 J	0.0011 U	0.038
1,3-Dichlorobenzene	2.6	38	2.6	MG/KG	0.0012 U	0.00097 U	0.0011 U	0.0011 U
1,4-Dichlorobenzene	1.8	24	1.8	MG/KG	0.00029 J	0.00097 U	0.0011 U	0.0011 U
2-Hexanone	--	--	--	MG/KG	NA	NA	NA	NA
Acetone	**0.03**	100	0.03	MG/KG	**0.1**	**0.043**	**0.18**	0.023
Benzene	0.06	3.7	0.06	MG/KG	0.0012 U	0.00097 U	0.00041 J	0.00035 J
Bromochloromethane	--	--	--	MG/KG	NA	NA	NA	NA
Bromodichloromethane	--	--	--	MG/KG	NA	NA	NA	NA
Bromoform	--	--	--	MG/KG	NA	NA	NA	NA
Bromomethane	--	--	--	MG/KG	NA	NA	NA	NA
Carbon Disulfide	--	--	--	MG/KG	NA	NA	NA	NA
Carbon Tetrachloride	0.76	7.1	0.76	MG/KG	0.0012 U	0.00097 U	0.0011 U	0.0011 U
Chlorobenzene	4.5	100	4.5	MG/KG	0.0012 U	0.00097 U	0.0011 U	0.0011 U
Chloroethane	--	--	--	MG/KG	NA	NA	NA	NA
Chloroform	0.37	24	0.37	MG/KG	0.0012 U	0.00097 U	0.0011 U	0.0011 U
Chloromethane	--	--	--	MG/KG	NA	NA	NA	NA
Cis-1,2-Dichloroethylene	0.19	41	0.19	MG/KG	0.0012 U	0.00097 U	0.0011 U	0.0011 U
Cis-1,3-Dichloropropene	--	--	--	MG/KG	NA	NA	NA	NA
Cyclohexane	--	--	--	MG/KG	NA	NA	NA	NA
Dibromochloromethane	--	--	--	MG/KG	NA	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	RX-24
				Sample Date:	09/05/2024	09/06/2024	09/06/2024	09/06/2024
				Sample Depth (bls):	5 - 6 ft	5 - 7 ft	10 - 12 ft	7 - 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				
Dichlorodifluoromethane	--	--	--	MG/KG	NA	NA	NA	NA
Ethylbenzene	**1**	76	1	MG/KG	0.0012 U	0.0011	0.0011 U	0.014
Isopropylbenzene (Cumene)	--	--	--	MG/KG	NA	NA	NA	NA
m,p-Xylene	**0.26**	100	1.2	MG/KG	NA	NA	NA	NA
Methyl Acetate	--	--	--	MG/KG	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1	MG/KG	0.013	0.0074	0.046	0.0031 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	MG/KG	NA	NA	NA	NA
Methylcyclohexane	--	--	--	MG/KG	NA	NA	NA	NA
Methylene Chloride	0.05	81	0.05	MG/KG	0.0023 U	0.0019 U	0.0022 U	0.0023 U
N-Butylbenzene	**18**	100	18	MG/KG	0.0012 U	0.0012	0.0011 U	0.0047
N-Propylbenzene	**5**	100	5	MG/KG	0.0012 U	0.00088 J	0.0011 U	0.011
O-Xylene (1,2-Dimethylbenzene)	0.26	100	1.2	MG/KG	NA	NA	NA	NA
Sec-Butylbenzene	25	100	25	MG/KG	0.001 J	0.0015	0.00076 J	0.0028
Styrene	--	--	--	MG/KG	NA	NA	NA	NA
T-Butylbenzene	11	100	11	MG/KG	0.0012 U	0.00028 J	0.0011 U	0.0011 U
Tert-Butyl Methyl Ether	0.1	100	0.1	MG/KG	0.0012 U	0.00097 U	0.0011 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	18	1.3	MG/KG	0.0012 U	0.00097 U	0.0011 U	0.0011 U
Toluene	0.7	100	0.7	MG/KG	0.0012 U	0.0003 J	0.00027 J	0.00034 J
Trans-1,2-Dichloroethene	0.19	100	0.19	MG/KG	0.0012 U	0.00097 U	0.0011 U	0.0011 U
Trans-1,3-Dichloropropene	--	--	--	MG/KG	NA	NA	NA	NA
Trichloroethylene (TCE)	0.47	6.4	0.47	MG/KG	0.0012 U	0.00097 U	0.0011 U	0.0011 U
Trichlorofluoromethane	--	--	--	MG/KG	NA	NA	NA	NA
Vinyl Chloride	0.03	0.48	0.03	MG/KG	0.0012 U	0.00097 UT	0.0011 UT	0.0011 UT
Xylenes	**0.26**	100	1.2	MG/KG	0.0023 U	0.00033 J	0.00023 J	0.075

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

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-24	Sample Designation: RX-25
					Sample Date: 09/06/2024	Sample Date: 09/06/2024
					Sample Depth (bls): 14 - 15 ft	Sample Depth (bls): 3 - 5 ft
					Normal Sample or Field Duplicate: N	Normal Sample or Field Duplicate: N
Dichlorodifluoromethane	--	--	--	MG/KG	NA	NA
Ethylbenzene	**1**	76	1	MG/KG	0.00095 U	0.00035 J
Isopropylbenzene (Cumene)	--	--	--	MG/KG	NA	NA
m,p-Xylene	**0.26**	100	1.2	MG/KG	NA	NA
Methyl Acetate	--	--	--	MG/KG	NA	NA
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1	MG/KG	0.0021 J	0.0045 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	MG/KG	NA	NA
Methylcyclohexane	--	--	--	MG/KG	NA	NA
Methylene Chloride	0.05	81	0.05	MG/KG	0.0019 U	0.0021 U
N-Butylbenzene	**18**	100	18	MG/KG	0.0067	0.0011 U
N-Propylbenzene	**5**	100	5	MG/KG	0.0025	0.0006 J
O-Xylene (1,2-Dimethylbenzene)	0.26	100	1.2	MG/KG	NA	NA
Sec-Butylbenzene	25	100	25	MG/KG	0.00095 U	0.0032
Styrene	--	--	--	MG/KG	NA	NA
T-Butylbenzene	11	100	11	MG/KG	0.00095 U	0.00054 J
Tert-Butyl Methyl Ether	0.1	100	0.1	MG/KG	0.00095 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	18	1.3	MG/KG	0.00095 U	0.0011 U
Toluene	0.7	100	0.7	MG/KG	0.00095 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19	MG/KG	0.00095 U	0.0011 U
Trans-1,3-Dichloropropene	--	--	--	MG/KG	NA	NA
Trichloroethylene (TCE)	0.47	6.4	0.47	MG/KG	0.00095 U	0.0011 U
Trichlorofluoromethane	--	--	--	MG/KG	NA	NA
Vinyl Chloride	0.03	0.48	0.03	MG/KG	0.00095 UT	0.0011 U
Xylenes	**0.26**	100	1.2	MG/KG	0.0019 U	0.00024 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-01	ETSB-01	ETSB-01	ETSB-01
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
Benzo(A)Anthracene	**1**	1.4	1	MG/KG	0.072	0.033	0.036	0.033 U
Benzo(A)Pyrene	**1**	1	22	MG/KG	0.069	0.025 J	0.026 J	0.033 U
Benzo(B)Fluoranthene	**1**	1.4	2.1	MG/KG	0.082	0.032 J	0.032 J	0.033 U
Benzo(G,H,I)Perylene	**0.64**	4.9	1000	MG/KG	0.05 J	0.017 J	0.017 J	0.33 U
Benzo(K)Fluoranthene	**0.8**	4.9	2	MG/KG	0.036	0.013 J	0.019 J	0.033 U
Benzyl Butyl Phthalate	--	--	--	MG/KG	0.35 U	0.33 U	0.33 U	0.33 U
Biphenyl (Diphenyl)	--	--	--	MG/KG	0.35 U	0.33 U	0.33 U	0.33 U
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG	0.35 U	0.33 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	0.033 U
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG	0.35 U	0.33 U	0.33 U	0.33 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG	0.35 U	0.33 U	0.33 U	0.33 U
Caprolactam	--	--	--	MG/KG	0.35 U	0.33 U	0.33 U	0.33 U
Carbazole	--	--	--	MG/KG	0.35 U	0.33 U	0.33 U	0.33 U
Chrysene	**1**	4.9	1	MG/KG	0.076 J	0.027 J	0.038 J	0.33 U
Cresols, M & P	0.33	100	0.33	MG/KG	0.35 U	0.33 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	0.033 U
Dibenzofuran	**2.1**	18	110	MG/KG	0.35 U	0.33 U	0.33 U	0.33 U
Diethyl Phthalate	--	--	--	MG/KG	0.35 U	0.33 U	0.33 U	0.33 U
Dimethyl Phthalate	--	--	--	MG/KG	0.35 U	0.33 U	0.33 U	0.33 U
Di-N-Butyl Phthalate	--	--	--	MG/KG	0.35 U	0.33 U	0.33 U	0.33 U
Di-N-Octylphthalate	--	--	--	MG/KG	0.35 U	0.33 U	0.33 U	0.33 U
Fluoranthene	85	100	1000	MG/KG	0.13 J	0.05 J	0.059 J	0.33 U
Fluorene	30	100	386	MG/KG	0.35 U	0.33 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	0.033 U
Hexachlorobutadiene	--	--	--	MG/KG	0.071 U	0.067 U	0.067 U	0.067 U
Hexachlorocyclopentadiene	--	--	--	MG/KG	0.35 UJ	0.33 UJ	0.33 UJ	0.33 UJ
Hexachloroethane	--	--	--	MG/KG	0.035 U	0.033 U	0.033 U	0.033 U
Indeno(1,2,3-C,D)Pyrene	**0.5**	1.4	6.6	MG/KG	0.069	0.036	0.038	0.033 U
Isophorone	--	--	--	MG/KG	0.14 U	0.13 U	0.13 U	0.13 U
Naphthalene	12	100	12	MG/KG	0.35 U	0.33 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	0.033 U
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG	0.035 U	0.033 U	0.033 U	0.033 U
N-Nitrosodiphenylamine	--	--	--	MG/KG	0.35 U	0.33 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	0.27 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	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				
Phenanthrene	**1.1**	4.9	1000	MG/KG	0.06 J	0.032 J	0.022 J	0.33 U
Phenol	0.33	100	0.33	MG/KG	0.35 U	0.33 U	0.33 U	0.33 U
Pyrene	64	100	1000	MG/KG	0.11 J	0.045 J	0.052 J	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	ETSB-01 01/14/2026 9 - 11 ft N	ETSB-02 01/16/2026 0 - 2 in N	ETSB-02 01/16/2026 2 - 4 ft N	ETSB-02 01/16/2026 12 - 14 ft N
Benzo(A)Anthracene	**1**	1.4	1	MG/KG	0.033 U	0.073	0.033 U	0.033 U
Benzo(A)Pyrene	**1**	1	22	MG/KG	0.033 U	0.066	0.033 U	0.033 U
Benzo(B)Fluoranthene	**1**	1.4	2.1	MG/KG	0.033 U	0.08	0.033 U	0.033 U
Benzo(G,H,I)Perylene	**0.64**	4.9	1000	MG/KG	0.33 U	0.05 J	0.33 UJ	0.33 U
Benzo(K)Fluoranthene	**0.8**	4.9	2	MG/KG	0.033 U	0.028 J	0.033 U	0.033 U
Benzyl Butyl Phthalate	--	--	--	MG/KG	0.33 U	0.35 U	0.33 U	0.33 U
Biphenyl (Diphenyl)	--	--	--	MG/KG	0.33 U	0.35 U	0.33 U	0.33 U
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG	0.33 U	0.35 U	0.33 U	0.33 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	MG/KG	0.033 U	0.035 U	0.033 U	0.033 U
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG	0.33 U	0.35 U	0.33 U	0.33 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG	0.33 U	0.35 U	0.33 U	0.33 U
Caprolactam	--	--	--	MG/KG	0.33 U	0.35 U	0.33 U	0.33 U
Carbazole	--	--	--	MG/KG	0.33 U	0.35 U	0.33 U	0.33 U
Chrysene	**1**	4.9	1	MG/KG	0.33 U	0.072 J	0.33 U	0.33 U
Cresols, M & P	0.33	100	0.33	MG/KG	0.33 U	0.35 U	0.33 U	0.33 U
Dibenz(A,H)Anthracene	**0.33**	0.33	1000	MG/KG	0.033 U	0.035 U	0.033 U	0.033 U
Dibenzofuran	**2.1**	18	110	MG/KG	0.33 U	0.35 U	0.33 U	0.33 U
Diethyl Phthalate	--	--	--	MG/KG	0.33 U	0.35 U	0.33 U	0.33 U
Dimethyl Phthalate	--	--	--	MG/KG	0.33 U	0.35 U	0.33 U	0.33 U
Di-N-Butyl Phthalate	--	--	--	MG/KG	0.33 U	0.35 U	0.33 U	0.33 U
Di-N-Octylphthalate	--	--	--	MG/KG	0.33 U	0.35 U	0.33 U	0.33 U
Fluoranthene	85	100	1000	MG/KG	0.33 U	0.13 J	0.33 U	0.33 U
Fluorene	30	100	386	MG/KG	0.33 U	0.018 J	0.33 U	0.33 U
Hexachlorobenzene	0.33	0.33	3.2	MG/KG	0.033 U	0.035 U	0.033 U	0.033 U
Hexachlorobutadiene	--	--	--	MG/KG	0.067 U	0.071 U	0.067 U	0.066 U
Hexachlorocyclopentadiene	--	--	--	MG/KG	0.33 UJ	0.35 U	0.33 U	0.33 U
Hexachloroethane	--	--	--	MG/KG	0.033 U	0.035 U	0.033 U	0.033 U
Indeno(1,2,3-C,D)Pyrene	**0.5**	1.4	6.6	MG/KG	0.033 U	0.05	0.033 U	0.033 U
Isophorone	--	--	--	MG/KG	0.13 U	0.14 U	0.13 U	0.13 U
Naphthalene	12	100	12	MG/KG	0.33 U	0.0081 J	0.33 U	0.33 U
Nitrobenzene	0.08	1.8	0.08	MG/KG	0.033 U	0.035 U	0.033 U	0.033 U
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG	0.033 U	0.035 U	0.033 U	0.033 U
N-Nitrosodiphenylamine	--	--	--	MG/KG	0.33 U	0.35 U	0.33 U	0.33 U
Pentachlorophenol	0.8	1.3	0.8	MG/KG	0.27 U	0.28 U	0.27 U	0.26 U

Table 3. Summary of Semivolatile Organic Compounds 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				
Phenanthrene	**1.1**	4.9	1000	MG/KG	0.33 U	0.11 J	0.33 U	0.33 U
Phenol	0.33	100	0.33	MG/KG	0.33 U	0.35 U	0.33 U	0.33 U
Pyrene	64	100	1000	MG/KG	0.33 U	0.14 J	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-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				
Benzo(A)Anthracene	**1**	1.4	1	MG/KG	0.033 U	0.18	**31**	0.033 U
Benzo(A)Pyrene	**1**	1	22	MG/KG	0.0094 J	0.19	**24**	0.033 U
Benzo(B)Fluoranthene	**1**	1.4	2.1	MG/KG	0.013 J	0.28	**33**	0.033 U
Benzo(G,H,I)Perylene	**0.64**	4.9	1000	MG/KG	0.33 U	0.15 J	**15**	0.33 U
Benzo(K)Fluoranthene	**0.8**	4.9	2	MG/KG	0.033 U	0.094	**12**	0.033 U
Benzyl Butyl Phthalate	--	--	--	MG/KG	0.33 U	0.41 U	0.024 J	0.33 U
Biphenyl (Diphenyl)	--	--	--	MG/KG	0.33 U	0.41 U	0.066 J	0.33 U
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG	0.33 U	0.41 U	0.33 U	0.33 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	MG/KG	0.033 U	0.041 U	0.033 U	0.033 U
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG	0.33 U	0.41 U	0.33 U	0.33 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG	0.33 U	0.062 J	0.21 J	0.33 U
Caprolactam	--	--	--	MG/KG	0.33 U	0.41 UT	0.33 UT	0.33 UT
Carbazole	--	--	--	MG/KG	0.33 U	0.41 U	1.4	0.33 U
Chrysene	**1**	4.9	1	MG/KG	0.33 U	0.2 J	**30**	0.33 U
Cresols, M & P	0.33	100	0.33	MG/KG	0.33 U	0.41 U	0.33 U	0.33 U
Dibenz(A,H)Anthracene	**0.33**	0.33	1000	MG/KG	0.033 U	0.034 J	**4.7**	0.033 U
Dibenzofuran	**2.1**	18	110	MG/KG	0.33 U	0.41 U	1.5	0.33 U
Diethyl Phthalate	--	--	--	MG/KG	0.33 U	0.41 U	0.33 U	0.33 U
Dimethyl Phthalate	--	--	--	MG/KG	0.33 U	0.41 U	0.33 U	0.33 U
Di-N-Butyl Phthalate	--	--	--	MG/KG	0.33 U	0.41 U	0.33 U	0.33 U
Di-N-Octylphthalate	--	--	--	MG/KG	0.33 U	0.41 U	0.33 U	0.33 U
Fluoranthene	85	100	1000	MG/KG	0.33 U	0.35 J	66	0.33 U
Fluorene	30	100	386	MG/KG	0.33 U	0.41 U	3.9	0.33 U
Hexachlorobenzene	0.33	0.33	3.2	MG/KG	0.033 U	0.041 U	0.033 U	0.033 U
Hexachlorobutadiene	--	--	--	MG/KG	0.067 U	0.083 U	0.068 U	0.068 U
Hexachlorocyclopentadiene	--	--	--	MG/KG	0.33 U	0.41 U	0.33 U	0.33 U
Hexachloroethane	--	--	--	MG/KG	0.033 U	0.041 U	0.033 U	0.033 U
Indeno(1,2,3-C,D)Pyrene	**0.5**	1.4	6.6	MG/KG	0.033 U	0.15	**17**	0.033 U
Isophorone	--	--	--	MG/KG	0.13 U	0.16 U	0.13 U	0.13 U
Naphthalene	12	100	12	MG/KG	0.33 U	0.41 U	0.059 J	0.33 U
Nitrobenzene	0.08	1.8	0.08	MG/KG	0.033 U	0.041 U	0.033 U	0.033 U
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG	0.033 U	0.041 U	0.033 U	0.033 U
N-Nitrosodiphenylamine	--	--	--	MG/KG	0.33 U	0.41 U	0.33 U	0.33 U
Pentachlorophenol	0.8	1.3	0.8	MG/KG	0.27 U	0.33 U	0.27 U	0.27 U

Table 3. Summary of Semivolatile Organic Compounds 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				
Phenanthrene	**1.1**	4.9	1000	MG/KG	0.33 U	0.12 J	**43**	0.33 U
Phenol	0.33	100	0.33	MG/KG	0.33 U	0.41 U	0.33 U	0.33 U
Pyrene	64	100	1000	MG/KG	0.012 J	0.32 J	51	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-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				
Benzo(A)Anthracene	**1**	1.4	1	MG/KG	0.037 U	0.035 U	0.66	0.057
Benzo(A)Pyrene	**1**	1	22	MG/KG	0.021 J	0.035 U	0.66	0.051
Benzo(B)Fluoranthene	**1**	1.4	2.1	MG/KG	0.029 J	0.035 U	1	0.075
Benzo(G,H,I)Perylene	**0.64**	4.9	1000	MG/KG	0.016 J	0.35 U	0.32 J	0.04 J
Benzo(K)Fluoranthene	**0.8**	4.9	2	MG/KG	0.01 J	0.035 U	0.38	0.031 J
Benzyl Butyl Phthalate	--	--	--	MG/KG	0.37 U	0.35 U	0.025 J	0.34 U
Biphenyl (Diphenyl)	--	--	--	MG/KG	0.37 U	0.35 U	0.36 U	0.34 U
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG	0.37 U	0.35 U	0.36 U	0.34 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	MG/KG	0.037 U	0.035 U	0.036 U	0.034 U
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG	0.37 U	0.35 U	0.36 U	0.34 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG	0.37 U	0.35 U	0.36 U	0.34 U
Caprolactam	--	--	--	MG/KG	0.37 UT	0.35 UT	0.36 U	0.34 U
Carbazole	--	--	--	MG/KG	0.37 U	0.35 U	0.084 J	0.34 U
Chrysene	**1**	4.9	1	MG/KG	0.019 J	0.35 U	0.82	0.069 J
Cresols, M & P	0.33	100	0.33	MG/KG	0.37 U	0.35 U	0.36 U	0.34 U
Dibenz(A,H)Anthracene	**0.33**	0.33	1000	MG/KG	0.037 U	0.035 U	0.081	0.034 U
Dibenzofuran	**2.1**	18	110	MG/KG	0.37 U	0.35 U	0.039 J	0.34 U
Diethyl Phthalate	--	--	--	MG/KG	0.37 U	0.35 U	0.36 U	0.34 U
Dimethyl Phthalate	--	--	--	MG/KG	0.37 U	0.35 U	0.36 U	0.34 U
Di-N-Butyl Phthalate	--	--	--	MG/KG	0.37 U	0.35 U	0.36 U	0.34 U
Di-N-Octylphthalate	--	--	--	MG/KG	0.37 U	0.35 U	0.36 U	0.34 U
Fluoranthene	85	100	1000	MG/KG	0.038 J	0.35 U	2.1	0.14 J
Fluorene	30	100	386	MG/KG	0.37 U	0.35 U	0.1 J	0.34 U
Hexachlorobenzene	0.33	0.33	3.2	MG/KG	0.037 U	0.035 U	0.036 U	0.034 U
Hexachlorobutadiene	--	--	--	MG/KG	0.074 U	0.071 U	0.073 U	0.069 U
Hexachlorocyclopentadiene	--	--	--	MG/KG	0.37 U	0.35 U	0.36 U	0.34 U
Hexachloroethane	--	--	--	MG/KG	0.037 U	0.035 U	0.036 U	0.034 U
Indeno(1,2,3-C,D)Pyrene	**0.5**	1.4	6.6	MG/KG	0.016 J	0.035 U	0.31	0.04
Isophorone	--	--	--	MG/KG	0.15 U	0.14 U	0.14 U	0.14 U
Naphthalene	12	100	12	MG/KG	0.37 U	0.35 U	0.36 U	0.34 U
Nitrobenzene	0.08	1.8	0.08	MG/KG	0.037 U	0.035 U	0.036 U	0.034 U
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG	0.037 U	0.035 U	0.036 U	0.034 U
N-Nitrosodiphenylamine	--	--	--	MG/KG	0.37 U	0.35 U	0.36 U	0.34 U
Pentachlorophenol	0.8	1.3	0.8	MG/KG	0.3 U	0.28 U	0.29 U	0.27 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	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				
Phenanthrene	**1.1**	4.9	1000	MG/KG	0.017 J	0.35 U	1	0.075 J
Phenol	0.33	100	0.33	MG/KG	0.37 U	0.35 U	0.36 U	0.34 U
Pyrene	64	100	1000	MG/KG	0.036 J	0.35 U	1.4	0.12 J

Table 3. Summary of Semivolatile Organic Compounds 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				
Benzo(A)Anthracene	**1**	1.4	1	MG/KG	0.036 U	0.13	**6.1**	0.36
Benzo(A)Pyrene	**1**	1	22	MG/KG	0.036 U	0.12	**5.7**	0.4
Benzo(B)Fluoranthene	**1**	1.4	2.1	MG/KG	0.036 U	0.16	**6.3**	0.55
Benzo(G,H,I)Perylene	**0.64**	4.9	1000	MG/KG	0.36 U	0.083 J	**3.2**	0.25 J
Benzo(K)Fluoranthene	**0.8**	4.9	2	MG/KG	0.036 U	0.06	**2.9**	0.2
Benzyl Butyl Phthalate	--	--	--	MG/KG	0.36 U	0.33 U	0.042 J	0.34 U
Biphenyl (Diphenyl)	--	--	--	MG/KG	0.36 U	0.33 U	0.013 J	0.34 U
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG	0.36 U	0.33 U	0.35 U	0.34 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	MG/KG	0.036 U	0.033 U	0.035 U	0.034 U
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG	0.36 U	0.33 U	0.35 U	0.34 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG	0.36 U	0.33 U	0.22 J	0.085 J
Caprolactam	--	--	--	MG/KG	0.36 U	0.33 U	0.35 U	0.34 U
Carbazole	--	--	--	MG/KG	0.36 U	0.03 J	0.43	0.032 J
Chrysene	**1**	4.9	1	MG/KG	0.36 U	0.13 J	**6.9**	0.39
Cresols, M & P	0.33	100	0.33	MG/KG	0.36 U	0.33 U	0.35 U	0.34 U
Dibenz(A,H)Anthracene	**0.33**	0.33	1000	MG/KG	0.036 U	0.023 J	**0.84**	0.059
Dibenzofuran	**2.1**	18	110	MG/KG	0.36 U	0.015 J	0.15 J	0.34 U
Diethyl Phthalate	--	--	--	MG/KG	0.36 U	0.33 U	0.35 U	0.34 U
Dimethyl Phthalate	--	--	--	MG/KG	0.36 U	0.33 U	0.35 U	0.34 U
Di-N-Butyl Phthalate	--	--	--	MG/KG	0.36 U	0.33 U	0.1 J	0.34 U
Di-N-Octylphthalate	--	--	--	MG/KG	0.36 U	0.33 U	0.35 U	0.34 U
Fluoranthene	85	100	1000	MG/KG	0.36 U	0.27 J	11	0.66
Fluorene	30	100	386	MG/KG	0.36 U	0.018 J	0.36	0.013 J
Hexachlorobenzene	0.33	0.33	3.2	MG/KG	0.036 U	0.033 U	0.035 U	0.034 U
Hexachlorobutadiene	--	--	--	MG/KG	0.073 U	0.067 U	0.07 U	0.069 U
Hexachlorocyclopentadiene	--	--	--	MG/KG	0.36 U	0.33 U	0.35 U	0.34 U
Hexachloroethane	--	--	--	MG/KG	0.036 U	0.033 U	0.035 U	0.034 U
Indeno(1,2,3-C,D)Pyrene	**0.5**	1.4	6.6	MG/KG	0.036 U	0.091	**3.4**	0.24
Isophorone	--	--	--	MG/KG	0.14 U	0.13 U	0.14 U	0.14 U
Naphthalene	12	100	12	MG/KG	0.36 U	0.023 J	0.029 J	0.015 J
Nitrobenzene	0.08	1.8	0.08	MG/KG	0.036 U	0.033 U	0.035 U	0.034 U
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG	0.036 U	0.033 U	0.035 U	0.034 U
N-Nitrosodiphenylamine	--	--	--	MG/KG	0.36 U	0.33 U	0.35 U	0.34 U
Pentachlorophenol	0.8	1.3	0.8	MG/KG	0.29 U	0.27 U	0.28 U	0.28 U

Table 3. Summary of Semivolatile Organic Compounds 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				
Phenanthrene	**1.1**	4.9	1000	MG/KG	0.36 U	0.24 J	**6.7**	0.28 J
Phenol	0.33	100	0.33	MG/KG	0.36 U	0.33 U	0.35 U	0.34 U
Pyrene	64	100	1000	MG/KG	0.014 J	0.24 J	7.7	0.6

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	ETSB-06	ETSB-06	ETSB-07
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
Benzo(A)Anthracene	**1**	1.4	1	MG/KG	0.061	0.033 U	0.033 U	0.24 J
Benzo(A)Pyrene	**1**	1	22	MG/KG	0.057	0.033 U	0.033 U	0.33 J
Benzo(B)Fluoranthene	**1**	1.4	2.1	MG/KG	0.085	0.033 U	0.033 U	0.42 J
Benzo(G,H,I)Perylene	**0.64**	4.9	1000	MG/KG	0.04 J	0.33 U	0.33 U	0.25 J
Benzo(K)Fluoranthene	**0.8**	4.9	2	MG/KG	0.03 J	0.033 U	0.033 U	0.16
Benzyl Butyl Phthalate	--	--	--	MG/KG	0.34 U	0.33 U	0.33 U	0.36 U
Biphenyl (Diphenyl)	--	--	--	MG/KG	0.34 U	0.33 U	0.33 U	0.36 UJ
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG	0.34 U	0.33 U	0.33 U	0.36 UJ
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	MG/KG	0.034 U	0.033 U	0.033 U	0.036 UJ
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG	0.34 U	0.33 U	0.33 U	0.36 UJ
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG	0.34 U	0.33 U	0.33 U	0.36 U
Caprolactam	--	--	--	MG/KG	0.34 U	0.33 U	0.33 U	0.36 U
Carbazole	--	--	--	MG/KG	0.34 U	0.33 U	0.33 U	0.018 J
Chrysene	**1**	4.9	1	MG/KG	0.065 J	0.33 U	0.33 U	0.25 J
Cresols, M & P	0.33	100	0.33	MG/KG	0.34 U	0.33 U	0.33 U	0.36 U
Dibenz(A,H)Anthracene	**0.33**	0.33	1000	MG/KG	0.034 U	0.033 U	0.033 U	0.056 J
Dibenzofuran	**2.1**	18	110	MG/KG	0.34 U	0.33 U	0.33 U	0.36 U
Diethyl Phthalate	--	--	--	MG/KG	0.34 U	0.33 U	0.33 U	0.36 UJ
Dimethyl Phthalate	--	--	--	MG/KG	0.34 U	0.33 U	0.33 U	0.36 U
Di-N-Butyl Phthalate	--	--	--	MG/KG	0.34 U	0.33 U	0.33 U	0.36 U
Di-N-Octylphthalate	--	--	--	MG/KG	0.34 U	0.33 U	0.33 U	0.36 U
Fluoranthene	85	100	1000	MG/KG	0.099 J	0.33 U	0.33 U	0.37
Fluorene	30	100	386	MG/KG	0.34 U	0.33 U	0.33 U	0.011 J
Hexachlorobenzene	0.33	0.33	3.2	MG/KG	0.034 U	0.033 U	0.033 U	0.036 U
Hexachlorobutadiene	--	--	--	MG/KG	0.068 U	0.067 U	0.067 U	0.073 UJ
Hexachlorocyclopentadiene	--	--	--	MG/KG	0.34 U	0.33 U	0.33 U	0.36 UJ
Hexachloroethane	--	--	--	MG/KG	0.034 U	0.033 U	0.033 U	0.036 UJ
Indeno(1,2,3-C,D)Pyrene	**0.5**	1.4	6.6	MG/KG	0.036	0.033 U	0.033 U	0.25 J
Isophorone	--	--	--	MG/KG	0.14 U	0.13 U	0.13 U	0.14 UJ
Naphthalene	12	100	12	MG/KG	0.34 U	0.33 U	0.33 U	0.023 J
Nitrobenzene	0.08	1.8	0.08	MG/KG	0.034 U	0.033 U	0.033 U	0.036 UJ
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG	0.034 U	0.033 U	0.033 U	0.036 UJ
N-Nitrosodiphenylamine	--	--	--	MG/KG	0.34 U	0.33 U	0.33 U	0.36 U
Pentachlorophenol	0.8	1.3	0.8	MG/KG	0.27 U	0.27 U	0.27 U	0.29 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	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				
Phenanthrene	**1.1**	4.9	1000	MG/KG	0.044 J	0.33 U	0.33 U	0.15 J
Phenol	0.33	100	0.33	MG/KG	0.34 U	0.33 U	0.33 U	0.36 UJ
Pyrene	64	100	1000	MG/KG	0.092 J	0.33 U	0.33 U	0.37

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 2 - 4 ft N	ETSB-07 01/12/2026 6 - 8 ft N	ETSB-07 01/12/2026 6 - 8 ft FD	ETSB-07 01/12/2026 9 - 11 ft N
Benzo(A)Anthracene	**1**	1.4	1	MG/KG	0.028 J	0.033 U	0.033 U	0.033 U
Benzo(A)Pyrene	**1**	1	22	MG/KG	0.02 J	0.033 U	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	0.033 U
Benzo(G,H,I)Perylene	**0.64**	4.9	1000	MG/KG	0.014 J	0.33 U	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	0.033 U
Benzyl Butyl Phthalate	--	--	--	MG/KG	0.34 U	0.33 U	0.33 U	0.33 U
Biphenyl (Diphenyl)	--	--	--	MG/KG	0.34 U	0.33 U	0.33 U	0.33 U
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG	0.34 U	0.33 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	0.033 U
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG	0.34 U	0.33 U	0.33 U	0.33 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG	0.34 U	0.33 U	0.33 U	0.33 U
Caprolactam	--	--	--	MG/KG	0.34 U	0.33 U	0.33 U	0.33 U
Carbazole	--	--	--	MG/KG	0.34 U	0.33 U	0.33 U	0.33 U
Chrysene	**1**	4.9	1	MG/KG	0.024 J	0.33 U	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	0.33 U
Dibenz(A,H)Anthracene	**0.33**	0.33	1000	MG/KG	0.034 U	0.033 U	0.033 U	0.033 U
Dibenzofuran	**2.1**	18	110	MG/KG	0.34 U	0.33 U	0.33 U	0.33 U
Diethyl Phthalate	--	--	--	MG/KG	0.34 U	0.33 U	0.33 U	0.33 U
Dimethyl Phthalate	--	--	--	MG/KG	0.34 U	0.33 U	0.33 U	0.33 U
Di-N-Butyl Phthalate	--	--	--	MG/KG	0.34 U	0.33 U	0.33 U	0.33 U
Di-N-Octylphthalate	--	--	--	MG/KG	0.34 U	0.33 U	0.33 U	0.33 U
Fluoranthene	85	100	1000	MG/KG	0.038 J	0.018 J	0.33 U	0.33 U
Fluorene	30	100	386	MG/KG	0.34 U	0.33 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	0.033 U
Hexachlorobutadiene	--	--	--	MG/KG	0.068 U	0.067 U	0.067 U	0.067 U
Hexachlorocyclopentadiene	--	--	--	MG/KG	0.34 UJ	0.33 UJ	0.33 UJ	0.33 UJ
Hexachloroethane	--	--	--	MG/KG	0.034 U	0.033 U	0.033 U	0.033 U
Indeno(1,2,3-C,D)Pyrene	**0.5**	1.4	6.6	MG/KG	0.037	0.028 J	0.033 U	0.033 U
Isophorone	--	--	--	MG/KG	0.14 U	0.13 U	0.13 U	0.13 U
Naphthalene	12	100	12	MG/KG	0.34 U	0.33 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	0.033 U
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG	0.034 U	0.033 U	0.033 U	0.033 U
N-Nitrosodiphenylamine	--	--	--	MG/KG	0.34 U	0.33 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	0.27 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	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				
Phenanthrene	**1.1**	4.9	1000	MG/KG	0.016 J	0.013 J	0.33 U	0.33 U
Phenol	0.33	100	0.33	MG/KG	0.34 U	0.33 U	0.33 U	0.33 U
Pyrene	64	100	1000	MG/KG	0.031 J	0.017 J	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-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				
Benzo(A)Anthracene	**1**	1.4	1	MG/KG	0.033 U	0.038 U	0.034 U	0.68
Benzo(A)Pyrene	**1**	1	22	MG/KG	0.033 U	0.038 U	0.034 U	0.55
Benzo(B)Fluoranthene	**1**	1.4	2.1	MG/KG	0.033 U	0.014 J	0.034 U	0.73
Benzo(G,H,I)Perylene	**0.64**	4.9	1000	MG/KG	0.33 U	0.38 U	0.34 U	0.36
Benzo(K)Fluoranthene	**0.8**	4.9	2	MG/KG	0.033 U	0.038 U	0.034 U	0.31
Benzyl Butyl Phthalate	--	--	--	MG/KG	0.33 U	0.38 U	0.34 U	0.35 U
Biphenyl (Diphenyl)	--	--	--	MG/KG	0.33 U	0.38 U	0.34 U	0.56
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG	0.33 U	0.38 U	0.34 U	0.35 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	MG/KG	0.033 U	0.038 U	0.034 U	0.035 U
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG	0.33 U	0.38 U	0.34 U	0.35 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG	0.33 U	0.38 U	0.34 U	0.66
Caprolactam	--	--	--	MG/KG	0.33 U	0.38 U	0.34 U	0.35 U
Carbazole	--	--	--	MG/KG	0.33 U	0.38 U	0.34 U	0.11 J
Chrysene	**1**	4.9	1	MG/KG	0.33 U	0.38 U	0.34 U	0.62
Cresols, M & P	0.33	100	0.33	MG/KG	0.33 U	0.38 U	0.34 U	0.35 U
Dibenz(A,H)Anthracene	**0.33**	0.33	1000	MG/KG	0.033 U	0.038 U	0.034 U	0.1
Dibenzofuran	**2.1**	18	110	MG/KG	0.33 U	0.38 U	0.34 U	0.36
Diethyl Phthalate	--	--	--	MG/KG	0.33 U	0.38 U	0.34 U	0.35 U
Dimethyl Phthalate	--	--	--	MG/KG	0.33 U	0.38 U	0.34 U	0.35 U
Di-N-Butyl Phthalate	--	--	--	MG/KG	0.33 U	0.38 U	0.34 U	0.07 J
Di-N-Octylphthalate	--	--	--	MG/KG	0.33 U	0.38 U	0.34 U	0.35 U
Fluoranthene	85	100	1000	MG/KG	0.33 U	0.017 J	0.34 U	1.9
Fluorene	30	100	386	MG/KG	0.33 U	0.38 U	0.34 U	0.82
Hexachlorobenzene	0.33	0.33	3.2	MG/KG	0.033 U	0.038 U	0.034 U	0.035 U
Hexachlorobutadiene	--	--	--	MG/KG	0.067 U	0.078 U	0.068 U	0.072 U
Hexachlorocyclopentadiene	--	--	--	MG/KG	0.33 UJ	0.38 U	0.34 U	0.35 UJ
Hexachloroethane	--	--	--	MG/KG	0.033 U	0.038 U	0.034 U	0.035 U
Indeno(1,2,3-C,D)Pyrene	**0.5**	1.4	6.6	MG/KG	0.033 U	0.038 U	0.034 U	0.37
Isophorone	--	--	--	MG/KG	0.13 U	0.16 U	0.14 U	0.14 U
Naphthalene	12	100	12	MG/KG	0.33 U	0.38 U	0.34 U	0.35 U
Nitrobenzene	0.08	1.8	0.08	MG/KG	0.033 U	0.038 U	0.034 U	0.035 U
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG	0.033 U	0.038 U	0.034 U	0.035 U
N-Nitrosodiphenylamine	--	--	--	MG/KG	0.33 U	0.38 U	0.34 U	0.35 U
Pentachlorophenol	0.8	1.3	0.8	MG/KG	0.27 U	0.31 U	0.27 U	0.28 U

Table 3. Summary of Semivolatile Organic Compounds 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				
Phenanthrene	**1.1**	4.9	1000	MG/KG	0.33 U	0.38 U	0.34 U	**2.9**
Phenol	0.33	100	0.33	MG/KG	0.33 U	0.38 U	0.34 U	0.35 U
Pyrene	64	100	1000	MG/KG	0.33 U	0.018 J	0.34 U	1.5

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	Sample Designation: ETSB-09	ETSB-09	ETSB-09	ETSB-09
					Sample Date: 01/19/2026	01/19/2026	01/19/2026	01/19/2026
					Sample Depth (bls): 0 - 2 in	2 - 4 ft	6 - 8 ft	10 - 12 ft
					Normal Sample or Field Duplicate: N	N	N	N
Benzo(A)Anthracene	**1**	1.4	1	MG/KG	**3.2**	0.045	0.034 U	0.033 U
Benzo(A)Pyrene	**1**	1	22	MG/KG	**4.1**	0.051	0.034 U	0.033 U
Benzo(B)Fluoranthene	**1**	1.4	2.1	MG/KG	**6.1**	0.072	0.034 U	0.033 U
Benzo(G,H,I)Perylene	**0.64**	4.9	1000	MG/KG	**2.5**	0.052 J	0.34 U	0.33 U
Benzo(K)Fluoranthene	**0.8**	4.9	2	MG/KG	**2.2**	0.027 J	0.034 U	0.033 U
Benzyl Butyl Phthalate	--	--	--	MG/KG	0.36 U	0.35 U	0.34 U	0.33 U
Biphenyl (Diphenyl)	--	--	--	MG/KG	0.018 J	0.35 U	0.34 U	0.33 U
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG	0.36 U	0.35 U	0.34 U	0.33 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	MG/KG	0.036 U	0.035 U	0.034 U	0.033 U
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG	0.36 U	0.35 U	0.34 U	0.33 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG	0.065 J	0.35 U	0.34 U	0.33 U
Caprolactam	--	--	--	MG/KG	0.36 U	0.35 U	0.34 U	0.33 U
Carbazole	--	--	--	MG/KG	0.12 J	0.35 U	0.34 U	0.33 U
Chrysene	**1**	4.9	1	MG/KG	**3.6**	0.042 J	0.34 U	0.33 U
Cresols, M & P	0.33	100	0.33	MG/KG	0.36 U	0.35 U	0.34 U	0.33 U
Dibenz(A,H)Anthracene	**0.33**	0.33	1000	MG/KG	**0.6**	0.035 U	0.034 U	0.033 U
Dibenzofuran	**2.1**	18	110	MG/KG	0.13 J	0.35 U	0.34 U	0.33 U
Diethyl Phthalate	--	--	--	MG/KG	0.36 U	0.35 U	0.34 U	0.33 U
Dimethyl Phthalate	--	--	--	MG/KG	0.36 U	0.35 U	0.34 U	0.33 U
Di-N-Butyl Phthalate	--	--	--	MG/KG	0.36 U	0.35 U	0.34 U	0.33 U
Di-N-Octylphthalate	--	--	--	MG/KG	0.36 U	0.35 U	0.34 U	0.33 U
Fluoranthene	85	100	1000	MG/KG	5.6	0.057 J	0.34 U	0.012 J
Fluorene	30	100	386	MG/KG	0.26 J	0.35 U	0.34 U	0.33 U
Hexachlorobenzene	0.33	0.33	3.2	MG/KG	0.036 U	0.035 U	0.034 U	0.033 U
Hexachlorobutadiene	--	--	--	MG/KG	0.073 U	0.071 U	0.07 U	0.067 U
Hexachlorocyclopentadiene	--	--	--	MG/KG	0.36 U	0.35 U	0.34 U	0.33 U
Hexachloroethane	--	--	--	MG/KG	0.036 U	0.035 U	0.034 U	0.033 U
Indeno(1,2,3-C,D)Pyrene	**0.5**	1.4	6.6	MG/KG	**2.5**	0.047	0.034 U	0.033 U
Isophorone	--	--	--	MG/KG	0.14 U	0.14 U	0.14 U	0.13 U
Naphthalene	12	100	12	MG/KG	0.19 J	0.0088 J	0.0073 J	0.33 U
Nitrobenzene	0.08	1.8	0.08	MG/KG	0.036 U	0.035 U	0.034 U	0.033 U
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG	0.036 U	0.035 U	0.034 U	0.033 U
N-Nitrosodiphenylamine	--	--	--	MG/KG	0.36 U	0.35 U	0.34 U	0.33 U
Pentachlorophenol	0.8	1.3	0.8	MG/KG	0.29 U	0.28 U	0.28 U	0.27 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	ETSB-09
				Sample Date:	01/19/2026	01/19/2026	01/19/2026	01/19/2026
				Sample Depth (bls):	0 - 2 in	2 - 4 ft	6 - 8 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				
Phenanthrene	**1.1**	4.9	1000	MG/KG	**1.6**	0.021 J	0.34 U	0.33 U
Phenol	0.33	100	0.33	MG/KG	0.36 U	0.35 U	0.34 U	0.33 U
Pyrene	64	100	1000	MG/KG	5	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	ETSB-10	ETSB-10	ETSB-10
					Sample Date: 01/19/2026	01/23/2026	01/23/2026	01/23/2026
					Sample Depth (bls): 12 - 14 ft	0 - 2 in	2 - 4 ft	11 - 13 ft
					Normal Sample or Field Duplicate: N	N	N	N
Benzo(A)Anthracene	**1**	1.4	1	MG/KG	0.033 U	0.5	0.11	0.033 U
Benzo(A)Pyrene	**1**	1	22	MG/KG	0.033 U	0.64	0.13	0.033 U
Benzo(B)Fluoranthene	**1**	1.4	2.1	MG/KG	0.033 U	0.88	0.17	0.033 U
Benzo(G,H,I)Perylene	**0.64**	4.9	1000	MG/KG	0.33 U	0.4	0.1 J	0.33 U
Benzo(K)Fluoranthene	**0.8**	4.9	2	MG/KG	0.033 U	0.41	0.066	0.033 U
Benzyl Butyl Phthalate	--	--	--	MG/KG	0.33 U	0.042 J	0.35 U	0.33 U
Biphenyl (Diphenyl)	--	--	--	MG/KG	0.33 U	0.37 U	0.35 U	0.33 U
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG	0.33 U	0.37 U	0.35 U	0.33 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	MG/KG	0.033 U	0.037 U	0.035 U	0.033 U
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG	0.33 U	0.37 U	0.35 U	0.33 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG	0.33 U	0.14 J	0.35 U	0.33 U
Caprolactam	--	--	--	MG/KG	0.33 U	0.37 UT	0.35 UT	0.33 UT
Carbazole	--	--	--	MG/KG	0.33 U	0.055 J	0.014 J	0.33 U
Chrysene	**1**	4.9	1	MG/KG	0.33 U	0.61	0.14 J	0.33 U
Cresols, M & P	0.33	100	0.33	MG/KG	0.33 U	0.026 J	0.35 U	0.33 U
Dibenz(A,H)Anthracene	**0.33**	0.33	1000	MG/KG	0.033 U	0.1	0.018 J	0.033 U
Dibenzofuran	**2.1**	18	110	MG/KG	0.33 U	0.37 U	0.35 U	0.33 U
Diethyl Phthalate	--	--	--	MG/KG	0.33 U	0.37 U	0.35 U	0.33 U
Dimethyl Phthalate	--	--	--	MG/KG	0.33 U	0.37 U	0.35 U	0.33 U
Di-N-Butyl Phthalate	--	--	--	MG/KG	0.33 U	0.37 U	0.35 U	0.33 U
Di-N-Octylphthalate	--	--	--	MG/KG	0.33 U	0.37 U	0.35 U	0.33 U
Fluoranthene	85	100	1000	MG/KG	0.33 U	0.98	0.23 J	0.33 U
Fluorene	30	100	386	MG/KG	0.33 U	0.021 J	0.35 U	0.33 U
Hexachlorobenzene	0.33	0.33	3.2	MG/KG	0.033 U	0.037 U	0.035 U	0.033 U
Hexachlorobutadiene	--	--	--	MG/KG	0.068 U	0.075 U	0.07 U	0.068 U
Hexachlorocyclopentadiene	--	--	--	MG/KG	0.33 U	0.37 U	0.35 U	0.33 U
Hexachloroethane	--	--	--	MG/KG	0.033 U	0.037 U	0.035 U	0.033 U
Indeno(1,2,3-C,D)Pyrene	**0.5**	1.4	6.6	MG/KG	0.033 U	0.43	0.12	0.033 U
Isophorone	--	--	--	MG/KG	0.13 U	0.15 U	0.14 U	0.13 U
Naphthalene	12	100	12	MG/KG	0.33 U	0.017 J	0.35 U	0.33 U
Nitrobenzene	0.08	1.8	0.08	MG/KG	0.033 U	0.037 U	0.035 U	0.033 U
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG	0.033 U	0.037 U	0.035 U	0.033 U
N-Nitrosodiphenylamine	--	--	--	MG/KG	0.33 U	0.37 U	0.35 U	0.33 U
Pentachlorophenol	0.8	1.3	0.8	MG/KG	0.27 U	0.3 U	0.28 U	0.27 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	ETSB-10
				Sample Date:	01/19/2026	01/23/2026	01/23/2026	01/23/2026
				Sample Depth (bls):	12 - 14 ft	0 - 2 in	2 - 4 ft	11 - 13 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				
Phenanthrene	**1.1**	4.9	1000	MG/KG	0.33 U	0.35 J	0.1 J	0.33 U
Phenol	0.33	100	0.33	MG/KG	0.33 U	0.37 U	0.35 U	0.33 U
Pyrene	64	100	1000	MG/KG	0.33 U	0.81	0.19 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-11 01/15/2026 0 - 2 in N	ETSB-11 01/15/2026 2 - 4 ft N	ETSB-11 01/15/2026 14 - 16 ft N	RX-3 05/31/2022 0 - 2 ft N
Sample Designation:					ETSB-11	ETSB-11	ETSB-11	RX-3
Sample Date:					01/15/2026	01/15/2026	01/15/2026	05/31/2022
Sample Depth (bls):					0 - 2 in	2 - 4 ft	14 - 16 ft	0 - 2 ft
Normal Sample or Field Duplicate:					N	N	N	N
Benzo(A)Anthracene	**1**	1.4	1	MG/KG	0.044	0.035 U	0.035 U	0.19
Benzo(A)Pyrene	**1**	1	22	MG/KG	0.043	0.035 U	0.035 U	0.23
Benzo(B)Fluoranthene	**1**	1.4	2.1	MG/KG	0.054	0.0097 J	0.035 U	0.36
Benzo(G,H,I)Perylene	**0.64**	4.9	1000	MG/KG	0.031 J	0.35 U	0.35 U	0.37
Benzo(K)Fluoranthene	**0.8**	4.9	2	MG/KG	0.027 J	0.035 U	0.035 U	0.14
Benzyl Butyl Phthalate	--	--	--	MG/KG	0.36 U	0.35 U	0.35 U	0.34 U
Biphenyl (Diphenyl)	--	--	--	MG/KG	0.36 U	0.35 U	0.35 U	0.34 U
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG	0.36 U	0.35 U	0.35 U	0.34 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	MG/KG	0.036 U	0.035 U	0.035 U	0.034 U
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG	0.36 U	0.35 U	0.35 U	0.34 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG	0.36 U	0.35 U	0.35 U	0.042 J
Caprolactam	--	--	--	MG/KG	0.36 U	0.35 UT	0.35 UT	0.34 U
Carbazole	--	--	--	MG/KG	0.36 U	0.35 U	0.35 U	0.028 J
Chrysene	**1**	4.9	1	MG/KG	0.044 J	0.35 U	0.35 U	0.26 J
Cresols, M & P	0.33	100	0.33	MG/KG	0.36 U	0.35 U	0.35 U	0.34 U
Dibenz(A,H)Anthracene	**0.33**	0.33	1000	MG/KG	0.036 U	0.035 U	0.035 U	0.059
Dibenzofuran	**2.1**	18	110	MG/KG	0.36 U	0.35 U	0.35 U	0.34 U
Diethyl Phthalate	--	--	--	MG/KG	0.36 U	0.35 U	0.35 U	0.34 U
Dimethyl Phthalate	--	--	--	MG/KG	0.36 U	0.35 U	0.35 U	0.34 U
Di-N-Butyl Phthalate	--	--	--	MG/KG	0.36 U	0.35 U	0.35 U	0.017 J
Di-N-Octylphthalate	--	--	--	MG/KG	0.36 U	0.35 U	0.35 U	0.34 U
Fluoranthene	85	100	1000	MG/KG	0.069 J	0.35 U	0.35 U	0.44
Fluorene	30	100	386	MG/KG	0.36 U	0.35 U	0.35 U	0.34 U
Hexachlorobenzene	0.33	0.33	3.2	MG/KG	0.036 U	0.035 U	0.035 U	0.034 U
Hexachlorobutadiene	--	--	--	MG/KG	0.072 U	0.071 U	0.071 U	0.07 U
Hexachlorocyclopentadiene	--	--	--	MG/KG	0.36 U	0.35 U	0.35 U	0.34 U
Hexachloroethane	--	--	--	MG/KG	0.036 U	0.035 U	0.035 U	0.034 U
Indeno(1,2,3-C,D)Pyrene	**0.5**	1.4	6.6	MG/KG	0.055	0.035 U	0.035 U	0.32
Isophorone	--	--	--	MG/KG	0.14 U	0.14 U	0.14 U	0.14 U
Naphthalene	12	100	12	MG/KG	0.36 U	0.35 U	0.35 U	0.34 U
Nitrobenzene	0.08	1.8	0.08	MG/KG	0.036 U	0.035 U	0.035 U	0.034 U
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG	0.036 U	0.035 U	0.035 U	0.034 U
N-Nitrosodiphenylamine	--	--	--	MG/KG	0.36 U	0.35 U	0.35 U	0.34 U
Pentachlorophenol	0.8	1.3	0.8	MG/KG	0.29 U	0.28 U	0.28 U	0.28 U

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

				Sample Designation:	ETSB-11	ETSB-11	ETSB-11	RX-3
				Sample Date:	01/15/2026	01/15/2026	01/15/2026	05/31/2022
				Sample Depth (bls):	0 - 2 in	2 - 4 ft	14 - 16 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				
Phenanthrene	**1.1**	4.9	1000	MG/KG	0.029 J	0.35 U	0.35 U	0.13 J
Phenol	0.33	100	0.33	MG/KG	0.36 U	0.35 U	0.35 U	0.34 U
Pyrene	64	100	1000	MG/KG	0.061 J	0.35 U	0.35 U	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	RX-3	RX-4	RX-4	RX-5
Sample Designation:					RX-3	RX-4	RX-4	RX-5
Sample Date:					05/31/2022	05/31/2022	05/31/2022	05/31/2022
Sample Depth (bls):					12 - 14 ft	0 - 2 ft	11 - 13 ft	0 - 2 ft
Normal Sample or Field Duplicate:					N	N	N	N
Benzo(A)Anthracene	**1**	1.4	1	MG/KG	0.02 J	0.14	0.035 U	**1.1**
Benzo(A)Pyrene	**1**	1	22	MG/KG	0.016 J	0.14	0.035 U	0.98
Benzo(B)Fluoranthene	**1**	1.4	2.1	MG/KG	0.02 J	0.2	0.035 U	**1.4**
Benzo(G,H,I)Perylene	**0.64**	4.9	1000	MG/KG	0.011 J	0.098 J	0.35 U	0.61
Benzo(K)Fluoranthene	**0.8**	4.9	2	MG/KG	0.0085 J	0.076	0.035 U	0.48
Benzyl Butyl Phthalate	--	--	--	MG/KG	0.33 U	0.35 U	0.35 U	0.35 U
Biphenyl (Diphenyl)	--	--	--	MG/KG	0.33 U	0.35 U	0.35 U	0.025 J
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG	0.33 U	0.35 U	0.35 U	0.35 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	MG/KG	0.033 U	0.035 U	0.035 U	0.035 U
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG	0.33 U	0.35 U	0.35 U	0.35 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG	0.33 U	0.35 U	0.35 U	0.37
Caprolactam	--	--	--	MG/KG	0.33 U	0.35 U	0.35 U	0.35 U
Carbazole	--	--	--	MG/KG	0.33 U	0.016 J	0.35 U	0.12 J
Chrysene	**1**	4.9	1	MG/KG	0.013 J	0.14 J	0.35 U	**1.1**
Cresols, M & P	0.33	100	0.33	MG/KG	0.33 U	0.35 U	0.35 U	0.35 U
Dibenz(A,H)Anthracene	**0.33**	0.33	1000	MG/KG	0.033 U	0.035	0.035 U	0.12
Dibenzofuran	**2.1**	18	110	MG/KG	0.33 U	0.35 U	0.35 U	0.2 J
Diethyl Phthalate	--	--	--	MG/KG	0.33 U	0.35 U	0.35 U	0.35 U
Dimethyl Phthalate	--	--	--	MG/KG	0.33 U	0.35 U	0.35 U	0.35 U
Di-N-Butyl Phthalate	--	--	--	MG/KG	0.33 U	0.35 U	0.35 U	0.13 J
Di-N-Octylphthalate	--	--	--	MG/KG	0.33 U	0.35 U	0.35 U	0.35 U
Fluoranthene	85	100	1000	MG/KG	0.022 J	0.27 J	0.35 U	3
Fluorene	30	100	386	MG/KG	0.33 U	0.011 J	0.35 U	0.34 J
Hexachlorobenzene	0.33	0.33	3.2	MG/KG	0.033 U	0.035 U	0.035 U	0.035 U
Hexachlorobutadiene	--	--	--	MG/KG	0.068 U	0.071 U	0.07 U	0.071 U
Hexachlorocyclopentadiene	--	--	--	MG/KG	0.33 U	0.35 U	0.35 U	0.35 U
Hexachloroethane	--	--	--	MG/KG	0.033 U	0.035 U	0.035 U	0.035 U
Indeno(1,2,3-C,D)Pyrene	**0.5**	1.4	6.6	MG/KG	0.032 J	0.13	0.035 U	**0.81**
Isophorone	--	--	--	MG/KG	0.13 U	0.14 U	0.14 U	0.14 U
Naphthalene	12	100	12	MG/KG	0.33 U	0.0082 J	0.35 U	0.073 J
Nitrobenzene	0.08	1.8	0.08	MG/KG	0.033 U	0.035 U	0.035 U	0.035 U
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG	0.033 U	0.035 U	0.035 U	0.035 U
N-Nitrosodiphenylamine	--	--	--	MG/KG	0.33 U	0.35 U	0.35 U	0.35 U
Pentachlorophenol	0.8	1.3	0.8	MG/KG	0.27 U	0.28 U	0.28 U	0.28 U

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

				Sample Designation:	RX-3	RX-4	RX-4	RX-5
				Sample Date:	05/31/2022	05/31/2022	05/31/2022	05/31/2022
				Sample Depth (bls):	12 - 14 ft	0 - 2 ft	11 - 13 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				
Phenanthrene	**1.1**	4.9	1000	MG/KG	0.013 J	0.13 J	0.35 U	**2.1**
Phenol	0.33	100	0.33	MG/KG	0.33 U	0.35 U	0.35 U	0.35 U
Pyrene	64	100	1000	MG/KG	0.017 J	0.22 J	0.35 U	2.5

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	RX-5	RX-6	RX-6	RX-13
Sample Designation:					RX-5	RX-6	RX-6	RX-13
Sample Date:					05/31/2022	05/31/2022	05/31/2022	12/19/2023
Sample Depth (bls):					10 - 12 ft	0 - 2 ft	12 - 14 ft	0 - 2 ft
Normal Sample or Field Duplicate:					N	N	N	N
Benzo(A)Anthracene	**1**	1.4	1	MG/KG	0.033 U	0.15	0.035 U	0.091
Benzo(A)Pyrene	**1**	1	22	MG/KG	0.033 U	0.16	0.035 U	0.15
Benzo(B)Fluoranthene	**1**	1.4	2.1	MG/KG	0.033 U	0.22	0.035 U	0.2
Benzo(G,H,I)Perylene	**0.64**	4.9	1000	MG/KG	0.33 U	0.12 J	0.35 U	0.17 JT
Benzo(K)Fluoranthene	**0.8**	4.9	2	MG/KG	0.033 U	0.084	0.035 U	0.073
Benzyl Butyl Phthalate	--	--	--	MG/KG	0.33 U	0.36 U	0.35 U	NA
Biphenyl (Diphenyl)	--	--	--	MG/KG	0.33 U	0.36 U	0.35 U	NA
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG	0.33 U	0.36 U	0.35 U	NA
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	MG/KG	0.033 U	0.036 U	0.035 U	NA
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG	0.33 U	0.36 U	0.35 U	NA
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG	0.33 U	0.36 U	0.35 U	NA
Caprolactam	--	--	--	MG/KG	0.33 U	0.36 U	0.35 U	NA
Carbazole	--	--	--	MG/KG	0.33 U	0.36 U	0.35 U	NA
Chrysene	**1**	4.9	1	MG/KG	0.33 U	0.15 J	0.35 U	0.12 J
Cresols, M & P	0.33	100	0.33	MG/KG	0.33 U	0.36 U	0.35 U	0.36 U
Dibenz(A,H)Anthracene	**0.33**	0.33	1000	MG/KG	0.033 U	0.04	0.035 U	0.046
Dibenzofuran	**2.1**	18	110	MG/KG	0.33 U	0.36 U	0.35 U	0.36 U
Diethyl Phthalate	--	--	--	MG/KG	0.33 U	0.36 U	0.35 U	NA
Dimethyl Phthalate	--	--	--	MG/KG	0.33 U	0.36 U	0.35 U	NA
Di-N-Butyl Phthalate	--	--	--	MG/KG	0.33 U	0.36 U	0.35 U	NA
Di-N-Octylphthalate	--	--	--	MG/KG	0.33 U	0.36 U	0.35 U	NA
Fluoranthene	85	100	1000	MG/KG	0.33 U	0.25 J	0.35 U	0.15 J
Fluorene	30	100	386	MG/KG	0.33 U	0.36 U	0.35 U	0.36 U
Hexachlorobenzene	0.33	0.33	3.2	MG/KG	0.033 U	0.036 U	0.035 U	0.036 U
Hexachlorobutadiene	--	--	--	MG/KG	0.067 U	0.072 U	0.071 U	NA
Hexachlorocyclopentadiene	--	--	--	MG/KG	0.33 U	0.36 U	0.35 U	NA
Hexachloroethane	--	--	--	MG/KG	0.033 U	0.036 U	0.035 U	NA
Indeno(1,2,3-C,D)Pyrene	**0.5**	1.4	6.6	MG/KG	0.033 U	0.19	0.035 U	0.18
Isophorone	--	--	--	MG/KG	0.13 U	0.14 U	0.14 U	NA
Naphthalene	12	100	12	MG/KG	0.33 U	0.0095 J	0.35 U	0.017 J
Nitrobenzene	0.08	1.8	0.08	MG/KG	0.033 U	0.036 U	0.035 U	NA
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG	0.033 U	0.036 U	0.035 U	NA
N-Nitrosodiphenylamine	--	--	--	MG/KG	0.33 U	0.36 U	0.35 U	NA
Pentachlorophenol	0.8	1.3	0.8	MG/KG	0.27 U	0.29 U	0.28 U	0.29 U

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

				Sample Designation:	RX-5	RX-6	RX-6	RX-13
				Sample Date:	05/31/2022	05/31/2022	05/31/2022	12/19/2023
				Sample Depth (bls):	10 - 12 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				
Phenanthrene	**1.1**	4.9	1000	MG/KG	0.33 U	0.097 J	0.35 U	0.055 J
Phenol	0.33	100	0.33	MG/KG	0.33 U	0.36 U	0.35 U	0.36 U
Pyrene	64	100	1000	MG/KG	0.33 U	0.2 J	0.35 U	0.13 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-13	RX-14	RX-15	RX-15
Sample Designation:					RX-13	RX-14	RX-15	RX-15
Sample Date:					12/19/2023	12/18/2023	12/19/2023	12/19/2023
Sample Depth (bls):					3 - 5 ft	1 - 3 ft	0 - 2 ft	2 - 4 ft
Normal Sample or Field Duplicate:					N	N	N	N
Benzo(A)Anthracene	**1**	1.4	1	MG/KG	0.033 J	0.17	0.44	0.63
Benzo(A)Pyrene	**1**	1	22	MG/KG	0.048	0.19	0.42	0.74
Benzo(B)Fluoranthene	**1**	1.4	2.1	MG/KG	0.069	0.22	0.62	0.99
Benzo(G,H,I)Perylene	**0.64**	4.9	1000	MG/KG	0.085 JT	0.092 JT	0.16 JT	0.28 JT
Benzo(K)Fluoranthene	**0.8**	4.9	2	MG/KG	0.029 J	0.1	0.24	0.42
Benzyl Butyl Phthalate	--	--	--	MG/KG	NA	NA	NA	NA
Biphenyl (Diphenyl)	--	--	--	MG/KG	NA	NA	NA	NA
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG	NA	NA	NA	NA
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	MG/KG	NA	NA	NA	NA
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG	NA	NA	NA	NA
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG	NA	NA	NA	NA
Caprolactam	--	--	--	MG/KG	NA	NA	NA	NA
Carbazole	--	--	--	MG/KG	NA	NA	NA	NA
Chrysene	**1**	4.9	1	MG/KG	0.041 J	0.18 J	0.53	0.74
Cresols, M & P	0.33	100	0.33	MG/KG	0.36 U	0.39 U	0.39 U	0.35 U
Dibenz(A,H)Anthracene	**0.33**	0.33	1000	MG/KG	0.034 J	0.046	0.055	0.096
Dibenzofuran	**2.1**	18	110	MG/KG	0.36 U	0.39 U	0.39 U	0.35 U
Diethyl Phthalate	--	--	--	MG/KG	NA	NA	NA	NA
Dimethyl Phthalate	--	--	--	MG/KG	NA	NA	NA	NA
Di-N-Butyl Phthalate	--	--	--	MG/KG	NA	NA	NA	NA
Di-N-Octylphthalate	--	--	--	MG/KG	NA	NA	NA	NA
Fluoranthene	85	100	1000	MG/KG	0.055 J	0.3 J	0.88	1.3
Fluorene	30	100	386	MG/KG	0.36 U	0.015 J	0.02 J	0.013 J
Hexachlorobenzene	0.33	0.33	3.2	MG/KG	0.036 U	0.039 U	0.039 U	0.035 U
Hexachlorobutadiene	--	--	--	MG/KG	NA	NA	NA	NA
Hexachlorocyclopentadiene	--	--	--	MG/KG	NA	NA	NA	NA
Hexachloroethane	--	--	--	MG/KG	NA	NA	NA	NA
Indeno(1,2,3-C,D)Pyrene	**0.5**	1.4	6.6	MG/KG	0.1	0.16	0.27	0.44
Isophorone	--	--	--	MG/KG	NA	NA	NA	NA
Naphthalene	12	100	12	MG/KG	0.36 U	0.014 J	0.39 U	0.35 U
Nitrobenzene	0.08	1.8	0.08	MG/KG	NA	NA	NA	NA
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG	NA	NA	NA	NA
N-Nitrosodiphenylamine	--	--	--	MG/KG	NA	NA	NA	NA
Pentachlorophenol	0.8	1.3	0.8	MG/KG	0.29 U	0.31 U	0.31 U	0.28 U

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

				Sample Designation:	RX-13	RX-14	RX-15	RX-15
				Sample Date:	12/19/2023	12/18/2023	12/19/2023	12/19/2023
				Sample Depth (bls):	3 - 5 ft	1 - 3 ft	0 - 2 ft	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				
Phenanthrene	**1.1**	4.9	1000	MG/KG	0.023 J	0.14 J	0.36 J	0.37
Phenol	0.33	100	0.33	MG/KG	0.36 U	0.39 U	0.39 U	0.35 U
Pyrene	64	100	1000	MG/KG	0.044 J	0.25 J	0.75	1

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-16	RX-16	RX-17	RX-17
Sample Designation:					RX-16	RX-16	RX-17	RX-17
Sample Date:					12/19/2023	12/19/2023	12/19/2023	12/19/2023
Sample Depth (bls):					0 - 2 ft	2 - 4 ft	0 - 2 ft	4 - 6 ft
Normal Sample or Field Duplicate:					N	N	N	N
Benzo(A)Anthracene	**1**	1.4	1	MG/KG	0.91	0.78	0.049	0.2
Benzo(A)Pyrene	**1**	1	22	MG/KG	0.9	0.85	0.042	0.18
Benzo(B)Fluoranthene	**1**	1.4	2.1	MG/KG	1	**1.2**	0.054	0.21
Benzo(G,H,I)Perylene	**0.64**	4.9	1000	MG/KG	0.53 T	**0.99 T**	0.04 JT	0.074 JT
Benzo(K)Fluoranthene	**0.8**	4.9	2	MG/KG	0.37	0.41	0.028 J	0.11
Benzyl Butyl Phthalate	--	--	--	MG/KG	NA	NA	NA	NA
Biphenyl (Diphenyl)	--	--	--	MG/KG	NA	NA	NA	NA
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG	NA	NA	NA	NA
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	MG/KG	NA	NA	NA	NA
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG	NA	NA	NA	NA
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG	NA	NA	NA	NA
Caprolactam	--	--	--	MG/KG	NA	NA	NA	NA
Carbazole	--	--	--	MG/KG	NA	NA	NA	NA
Chrysene	**1**	4.9	1	MG/KG	0.93	0.94	0.041 J	0.22 J
Cresols, M & P	0.33	100	0.33	MG/KG	0.37 U	0.37 U	0.4 U	0.41 U
Dibenz(A,H)Anthracene	**0.33**	0.33	1000	MG/KG	0.14	**0.48**	0.04 U	0.043
Dibenzofuran	**2.1**	18	110	MG/KG	0.026 J	0.043 J	0.4 U	0.41 U
Diethyl Phthalate	--	--	--	MG/KG	NA	NA	NA	NA
Dimethyl Phthalate	--	--	--	MG/KG	NA	NA	NA	NA
Di-N-Butyl Phthalate	--	--	--	MG/KG	NA	NA	NA	NA
Di-N-Octylphthalate	--	--	--	MG/KG	NA	NA	NA	NA
Fluoranthene	85	100	1000	MG/KG	1.6	1.5	0.075 J	0.36 J
Fluorene	30	100	386	MG/KG	0.072 J	0.074 J	0.4 U	0.41 U
Hexachlorobenzene	0.33	0.33	3.2	MG/KG	0.037 U	0.037 U	0.04 U	0.041 U
Hexachlorobutadiene	--	--	--	MG/KG	NA	NA	NA	NA
Hexachlorocyclopentadiene	--	--	--	MG/KG	NA	NA	NA	NA
Hexachloroethane	--	--	--	MG/KG	NA	NA	NA	NA
Indeno(1,2,3-C,D)Pyrene	**0.5**	1.4	6.6	MG/KG	**0.61**	**1**	0.066	0.13
Isophorone	--	--	--	MG/KG	NA	NA	NA	NA
Naphthalene	12	100	12	MG/KG	0.028 J	0.039 J	0.4 U	0.06 J
Nitrobenzene	0.08	1.8	0.08	MG/KG	NA	NA	NA	NA
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG	NA	NA	NA	NA
N-Nitrosodiphenylamine	--	--	--	MG/KG	NA	NA	NA	NA
Pentachlorophenol	0.8	1.3	0.8	MG/KG	0.3 U	0.3 U	0.32 U	0.33 U

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

				Sample Designation:	RX-16	RX-16	RX-17	RX-17
				Sample Date:	12/19/2023	12/19/2023	12/19/2023	12/19/2023
				Sample Depth (bls):	0 - 2 ft	2 - 4 ft	0 - 2 ft	4 - 6 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				
Phenanthrene	**1.1**	4.9	1000	MG/KG	1	1.1	0.043 J	0.19 J
Phenol	0.33	100	0.33	MG/KG	0.37 U	0.37 U	0.4 U	0.41 U
Pyrene	64	100	1000	MG/KG	1.7	1.3	0.057 J	0.35 J

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

				Sample Designation:	RX-18	RX-19	RX-20	RX-21
				Sample Date:	02/15/2024	02/15/2024	02/15/2024	02/15/2024
				Sample Depth (bls):	3 - 4 ft	3 - 5 ft	6 - 8 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				
Benzo(A)Anthracene	**1**	1.4	1	MG/KG	0.59	0.27	0.64	0.36
Benzo(A)Pyrene	**1**	1	22	MG/KG	0.59	0.27	0.67	0.46
Benzo(B)Fluoranthene	**1**	1.4	2.1	MG/KG	0.68	0.3	0.82	0.5
Benzo(G,H,I)Perylene	**0.64**	4.9	1000	MG/KG	0.29 J	0.14 J	0.38	0.34 J
Benzo(K)Fluoranthene	**0.8**	4.9	2	MG/KG	0.28	0.11	0.31	0.2
Benzyl Butyl Phthalate	--	--	--	MG/KG	NA	NA	NA	NA
Biphenyl (Diphenyl)	--	--	--	MG/KG	NA	NA	NA	NA
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG	NA	NA	NA	NA
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	MG/KG	NA	NA	NA	NA
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG	NA	NA	NA	NA
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG	NA	NA	NA	NA
Caprolactam	--	--	--	MG/KG	NA	NA	NA	NA
Carbazole	--	--	--	MG/KG	NA	NA	NA	NA
Chrysene	**1**	4.9	1	MG/KG	0.66	0.26 J	0.64	0.38
Cresols, M & P	0.33	100	0.33	MG/KG	0.39 U	0.36 U	0.38 U	0.37 U
Dibenz(A,H)Anthracene	**0.33**	0.33	1000	MG/KG	0.095	0.04	0.13	0.096
Dibenzofuran	**2.1**	18	110	MG/KG	0.097 J	0.04 J	0.074 J	0.02 J
Diethyl Phthalate	--	--	--	MG/KG	NA	NA	NA	NA
Dimethyl Phthalate	--	--	--	MG/KG	NA	NA	NA	NA
Di-N-Butyl Phthalate	--	--	--	MG/KG	NA	NA	NA	NA
Di-N-Octylphthalate	--	--	--	MG/KG	NA	NA	NA	NA
Fluoranthene	85	100	1000	MG/KG	1.4	0.58	1.2	0.64
Fluorene	30	100	386	MG/KG	0.23 J	0.029 J	0.12 J	0.029 J
Hexachlorobenzene	0.33	0.33	3.2	MG/KG	0.039 U	0.036 U	0.038 U	0.037 U
Hexachlorobutadiene	--	--	--	MG/KG	NA	NA	NA	NA
Hexachlorocyclopentadiene	--	--	--	MG/KG	NA	NA	NA	NA
Hexachloroethane	--	--	--	MG/KG	NA	NA	NA	NA
Indeno(1,2,3-C,D)Pyrene	**0.5**	1.4	6.6	MG/KG	0.36	0.17	0.47	0.39
Isophorone	--	--	--	MG/KG	NA	NA	NA	NA
Naphthalene	12	100	12	MG/KG	0.47	0.029 J	0.11 J	0.027 J
Nitrobenzene	0.08	1.8	0.08	MG/KG	NA	NA	NA	NA
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG	NA	NA	NA	NA
N-Nitrosodiphenylamine	--	--	--	MG/KG	NA	NA	NA	NA
Pentachlorophenol	0.8	1.3	0.8	MG/KG	0.31 U	0.29 U	0.31 U	0.3 U

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

				Sample Designation:	RX-18	RX-19	RX-20	RX-21
				Sample Date:	02/15/2024	02/15/2024	02/15/2024	02/15/2024
				Sample Depth (bls):	3 - 4 ft	3 - 5 ft	6 - 8 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				
Phenanthrene	**1.1**	4.9	1000	MG/KG	0.67	0.54	0.94	0.4
Phenol	0.33	100	0.33	MG/KG	0.39 U	0.36 U	0.38 U	0.37 U
Pyrene	64	100	1000	MG/KG	1.4	0.55	1.1	0.66

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

				Sample Designation:	RX-22	RX-23	RX-23	RX-24
				Sample Date:	09/05/2024	09/06/2024	09/06/2024	09/06/2024
				Sample Depth (bls):	5 - 6 ft	5 - 7 ft	10 - 12 ft	7 - 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				
Benzo(A)Anthracene	**1**	1.4	1	MG/KG	0.061	0.56	0.76	**1.5**
Benzo(A)Pyrene	**1**	1	22	MG/KG	0.034 J	0.57	0.74	**1.5**
Benzo(B)Fluoranthene	**1**	1.4	2.1	MG/KG	0.048	0.76	**1.1**	**1.7**
Benzo(G,H,I)Perylene	**0.64**	4.9	1000	MG/KG	0.02 J	0.34	0.53	0.53
Benzo(K)Fluoranthene	**0.8**	4.9	2	MG/KG	0.032 J	0.35	0.47	0.6
Benzyl Butyl Phthalate	--	--	--	MG/KG	NA	NA	NA	NA
Biphenyl (Diphenyl)	--	--	--	MG/KG	NA	NA	NA	NA
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG	NA	NA	NA	NA
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	MG/KG	NA	NA	NA	NA
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG	NA	NA	NA	NA
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG	NA	NA	NA	NA
Caprolactam	--	--	--	MG/KG	NA	NA	NA	NA
Carbazole	--	--	--	MG/KG	NA	NA	NA	NA
Chrysene	**1**	4.9	1	MG/KG	0.054 J	0.61	0.85	**1.7**
Cresols, M & P	0.33	100	0.33	MG/KG	0.35 U	0.33 U	0.029 J	0.38 U
Dibenz(A,H)Anthracene	**0.33**	0.33	1000	MG/KG	0.035 U	0.057	0.14	0.13
Dibenzofuran	**2.1**	18	110	MG/KG	0.35 U	0.17 J	0.17 J	0.058 J
Diethyl Phthalate	--	--	--	MG/KG	NA	NA	NA	NA
Dimethyl Phthalate	--	--	--	MG/KG	NA	NA	NA	NA
Di-N-Butyl Phthalate	--	--	--	MG/KG	NA	NA	NA	NA
Di-N-Octylphthalate	--	--	--	MG/KG	NA	NA	NA	NA
Fluoranthene	85	100	1000	MG/KG	0.12 J	1.5	2	3
Fluorene	30	100	386	MG/KG	0.02 J	0.32 J	0.35	0.18 J
Hexachlorobenzene	0.33	0.33	3.2	MG/KG	0.035 U	0.033 U	0.033 U	0.038 U
Hexachlorobutadiene	--	--	--	MG/KG	NA	NA	NA	NA
Hexachlorocyclopentadiene	--	--	--	MG/KG	NA	NA	NA	NA
Hexachloroethane	--	--	--	MG/KG	NA	NA	NA	NA
Indeno(1,2,3-C,D)Pyrene	**0.5**	1.4	6.6	MG/KG	0.025 J	0.34	**0.54**	**0.59**
Isophorone	--	--	--	MG/KG	NA	NA	NA	NA
Naphthalene	12	100	12	MG/KG	0.35 U	0.15 J	0.21 J	0.15 J
Nitrobenzene	0.08	1.8	0.08	MG/KG	NA	NA	NA	NA
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG	NA	NA	NA	NA
N-Nitrosodiphenylamine	--	--	--	MG/KG	NA	NA	NA	NA
Pentachlorophenol	0.8	1.3	0.8	MG/KG	0.28 U	0.27 U	0.27 U	0.3 U

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

				Sample Designation:	RX-22	RX-23	RX-23	RX-24
				Sample Date:	09/05/2024	09/06/2024	09/06/2024	09/06/2024
				Sample Depth (bls):	5 - 6 ft	5 - 7 ft	10 - 12 ft	7 - 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				
Phenanthrene	**1.1**	4.9	1000	MG/KG	0.1 J	**1.3**	**1.9**	**2.7**
Phenol	0.33	100	0.33	MG/KG	0.35 U	0.33 U	0.33 U	0.38 U
Pyrene	64	100	1000	MG/KG	0.12 J	1.3	1.7	3.5

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	Sample Designation: RX-24 Sample Date: 09/06/2024 Sample Depth (bls): 14 - 15 ft Normal Sample or Field Duplicate: N	Sample Designation: RX-25 Sample Date: 09/06/2024 Sample Depth (bls): 3 - 5 ft Normal Sample or Field Duplicate: N
Benzo(A)Anthracene	**1**	1.4	1	MG/KG	0.033 U	**1.3**
Benzo(A)Pyrene	**1**	1	22	MG/KG	0.033 U	**1.5**
Benzo(B)Fluoranthene	**1**	1.4	2.1	MG/KG	0.033 U	**1.9**
Benzo(G,H,I)Perylene	**0.64**	4.9	1000	MG/KG	0.33 U	0.57
Benzo(K)Fluoranthene	**0.8**	4.9	2	MG/KG	0.033 U	**0.97**
Benzyl Butyl Phthalate	--	--	--	MG/KG	NA	NA
Biphenyl (Diphenyl)	--	--	--	MG/KG	NA	NA
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG	NA	NA
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	MG/KG	NA	NA
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG	NA	NA
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG	NA	NA
Caprolactam	--	--	--	MG/KG	NA	NA
Carbazole	--	--	--	MG/KG	NA	NA
Chrysene	**1**	4.9	1	MG/KG	0.33 U	**1.6**
Cresols, M & P	0.33	100	0.33	MG/KG	0.33 U	0.33 U
Dibenz(A,H)Anthracene	**0.33**	0.33	1000	MG/KG	0.033 U	0.092
Dibenzofuran	**2.1**	18	110	MG/KG	0.33 U	0.14 J
Diethyl Phthalate	--	--	--	MG/KG	NA	NA
Dimethyl Phthalate	--	--	--	MG/KG	NA	NA
Di-N-Butyl Phthalate	--	--	--	MG/KG	NA	NA
Di-N-Octylphthalate	--	--	--	MG/KG	NA	NA
Fluoranthene	85	100	1000	MG/KG	0.33 U	2.6
Fluorene	30	100	386	MG/KG	0.021 J	0.34
Hexachlorobenzene	0.33	0.33	3.2	MG/KG	0.033 U	0.033 U
Hexachlorobutadiene	--	--	--	MG/KG	NA	NA
Hexachlorocyclopentadiene	--	--	--	MG/KG	NA	NA
Hexachloroethane	--	--	--	MG/KG	NA	NA
Indeno(1,2,3-C,D)Pyrene	**0.5**	1.4	6.6	MG/KG	0.033 U	**0.65**
Isophorone	--	--	--	MG/KG	NA	NA
Naphthalene	12	100	12	MG/KG	0.33 U	0.13 J
Nitrobenzene	0.08	1.8	0.08	MG/KG	NA	NA
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG	NA	NA
N-Nitrosodiphenylamine	--	--	--	MG/KG	NA	NA
Pentachlorophenol	0.8	1.3	0.8	MG/KG	0.27 U	0.27 U

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

				Sample Designation:	RX-24	RX-25
				Sample Date:	09/06/2024	09/06/2024
				Sample Depth (bls):	14 - 15 ft	3 - 5 ft
				Normal Sample or Field Duplicate:	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units		
Phenanthrene	**1.1**	4.9	1000	MG/KG	0.056 J	**2**
Phenol	0.33	100	0.33	MG/KG	0.33 U	0.33 U
Pyrene	64	100	1000	MG/KG	0.011 J	2.4

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 J	27 J	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	0.23 U	0.23 U	0.22 U
Iron	--	--	--	MG/KG	11200	9320	10200	11200	4700
Lead	**63**	400	450	MG/KG	53.7	46.3 J	17.2 J	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 UJ	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	0.26 U
Iron	--	--	--	MG/KG	6790	5920	1310	2020	14900
Lead	**63**	400	450	MG/KG	6	5.7 J	1.6 J	4.2 J	**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 J**
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 UJ	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 J+	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	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 UJ	0.91 U	0.97 U	1 UJ
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 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: 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	0.27 U
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 J+	97.6 J+
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 J+	90.1 U	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

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	ETSB-11	ETSB-11	ETSB-11	RX-3
					Sample Date: 01/23/2026	01/15/2026	01/15/2026	01/15/2026	05/31/2022
					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
Aluminum	--	--	--	MG/KG	6360	7000	8840	11400	4370
Antimony	--	--	--	MG/KG	0.93 U	1 U	0.95 U	0.98 U	0.99 U
Arsenic	**13**	16	16	MG/KG	0.49 J	3.3	1.1	0.61 J	3.7
Barium	**410**	410	820	MG/KG	8.7	82.8	62	11.6	39.3
Beryllium	**4.4**	43	47	MG/KG	1.8	0.88	0.62	2	0.36 J
Cadmium	**2.5**	2.5	7.5	MG/KG	0.46 U	0.3 J	0.13 J	0.24 J	0.12 J
Calcium	--	--	--	MG/KG	183000	86900	7910	218000	90400
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	9.8
Cobalt	--	--	--	MG/KG	1.2	5.6	8	2.7	4.6
Copper	**50**	280	1720	MG/KG	2.2	35.7	17.7	6.1	19.9
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	10600
Lead	**63**	400	450	MG/KG	1.8	**120**	9	8.3	37.6
Magnesium	--	--	--	MG/KG	118000	46200	9170	90300	54600
Manganese	**1600**	2000	2000	MG/KG	497	391	376	492	237
Mercury	**0.18**	0.3	0.73	MG/KG	0.016 U	0.18	0.018 U	0.016 U	0.043
Nickel	**30**	320	130	MG/KG	2.1	12.7	16.5	5.9	10.6
Potassium	--	--	--	MG/KG	23.6 J	1110	1910	84.9 J	1040
Selenium	3.9	110	4	MG/KG	1.2 U	0.18 J	1.2 U	1.2 U	1.2 U
Silver	2	110	8.3	MG/KG	0.37 U	0.4 U	0.38 U	0.39 U	0.39 U
Sodium	--	--	--	MG/KG	48 J	142	321	179	233
Thallium	--	--	--	MG/KG	0.37 U	0.14 J	0.18 J	0.18 J	0.077 J
Vanadium	--	--	--	MG/KG	5.6	23.8	25.2	13.9	30.5
Zinc	**109**	6600	2480	MG/KG	22.9	**116**	63.5	12.7	52.4

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-3	RX-4	RX-4	RX-5	RX-5
Sample Designation:					RX-3	RX-4	RX-4	RX-5	RX-5
Sample Date:					05/31/2022	05/31/2022	05/31/2022	05/31/2022	05/31/2022
Sample Depth (bls):					12 - 14 ft	0 - 2 ft	11 - 13 ft	0 - 2 ft	10 - 12 ft
Normal Sample or Field Duplicate:					N	N	N	N	N
Aluminum	--	--	--	MG/KG	1430	8330	4100	7760	2250
Antimony	--	--	--	MG/KG	4.7 U	1 U	1 U	1 U	0.95 U
Arsenic	**13**	16	16	MG/KG	4.7 U	1.5	0.58 J	2.4	0.42 J
Barium	**410**	410	820	MG/KG	18.7	41.9	14.9	176	14.2
Beryllium	**4.4**	43	47	MG/KG	0.32 J	1.4	1.3	0.86	0.56
Cadmium	**2.5**	2.5	7.5	MG/KG	4.7 U	0.2 J	1 U	0.3 J	0.95 U
Calcium	--	--	--	MG/KG	197000	138000	189000	49800	188000
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	9.4 U	13	3.2	15.9	2.3
Cobalt	--	--	--	MG/KG	1 J	4.8	1.3 J	7	0.89 J
Copper	**50**	280	1720	MG/KG	1.9 J	13.5	1.2 J	18.3	1.2 J
Cyanide	**2.3**	13	40	MG/KG	NA	NA	NA	NA	NA
Iron	--	--	--	MG/KG	5800	13100	7280	15200	4580
Lead	**63**	400	450	MG/KG	2.5 J	32.1	3.5	**144**	3.2
Magnesium	--	--	--	MG/KG	121000	87900	135000	31300	129000
Manganese	**1600**	2000	2000	MG/KG	424	485	523	325	338
Mercury	**0.18**	0.3	0.73	MG/KG	0.017 U	0.055	0.017 U	0.13	0.015 U
Nickel	**30**	320	130	MG/KG	9.4 U	9.6	2.2	14.8	1.4 J
Potassium	--	--	--	MG/KG	258 J	1260	147	1920	135
Selenium	3.9	110	4	MG/KG	5.9 U	1.3 U	1.3 U	0.13 J	1.2 U
Silver	2	110	8.3	MG/KG	1.9 U	0.41 U	0.4 U	0.41 U	0.38 U
Sodium	--	--	--	MG/KG	472 U	123	46.2 J	154	44.2 J
Thallium	--	--	--	MG/KG	1.9 U	0.21 J	0.11 J	0.17 J	0.079 J
Vanadium	--	--	--	MG/KG	5 J	19.8	5.8	24.3	3.6
Zinc	**109**	6600	2480	MG/KG	18.5 J	67.6	25	**147**	16.5

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-6	RX-6	RX-13	RX-13	RX-14
Sample Designation:					RX-6	RX-6	RX-13	RX-13	RX-14
Sample Date:					05/31/2022	05/31/2022	12/19/2023	12/19/2023	12/18/2023
Sample Depth (bls):					0 - 2 ft	12 - 14 ft	0 - 2 ft	3 - 5 ft	1 - 3 ft
Normal Sample or Field Duplicate:					N	N	N	N	N
Aluminum	--	--	--	MG/KG	7680	5760	NA	NA	NA
Antimony	--	--	--	MG/KG	1.1 U	1 U	NA	NA	NA
Arsenic	**13**	16	16	MG/KG	3.1	0.72 J	3.2	2.2	2.5
Barium	**410**	410	820	MG/KG	52.1	10.8	25.2	40.6	66.7
Beryllium	**4.4**	43	47	MG/KG	0.66	1.7	0.36	1	0.56
Cadmium	**2.5**	2.5	7.5	MG/KG	0.22 J	0.2 J	0.14 J	0.4 J	0.32 J
Calcium	--	--	--	MG/KG	28100	217000	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	13	8.3	8	16.4	16.3
Cobalt	--	--	--	MG/KG	6.1	1.4 J	NA	NA	NA
Copper	**50**	280	1720	MG/KG	17.6	3.2	11.1	17.7	19.5
Cyanide	**2.3**	13	40	MG/KG	NA	NA	NA	NA	NA
Iron	--	--	--	MG/KG	11800	11100	NA	NA	NA
Lead	**63**	400	450	MG/KG	59.1	11.3	40.6	57.3	**75.1**
Magnesium	--	--	--	MG/KG	16700	110000	NA	NA	NA
Manganese	**1600**	2000	2000	MG/KG	301	838	233	683	371
Mercury	**0.18**	0.3	0.73	MG/KG	0.03	0.018 U	0.05	0.022	0.11
Nickel	**30**	320	130	MG/KG	10.6	2.7	8	13.8	11.9
Potassium	--	--	--	MG/KG	1200	44.6 J	NA	NA	NA
Selenium	3.9	110	4	MG/KG	0.22 J	1.2 U	0.14 J	0.15 J	0.18 J
Silver	2	110	8.3	MG/KG	0.43 U	0.4 U	0.34 U	0.33 U	0.36 U
Sodium	--	--	--	MG/KG	71.5 J	51.3 J	NA	NA	NA
Thallium	--	--	--	MG/KG	0.14 J	0.077 J	NA	NA	NA
Vanadium	--	--	--	MG/KG	20.5	9.4	NA	NA	NA
Zinc	**109**	6600	2480	MG/KG	76.1	87.2	41.7	107	101

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-15	RX-15	RX-16	RX-16	RX-17
Sample Designation:					RX-15	RX-15	RX-16	RX-16	RX-17
Sample Date:					12/19/2023	12/19/2023	12/19/2023	12/19/2023	12/19/2023
Sample Depth (bls):					0 - 2 ft	2 - 4 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	2.7	1.2	6.7	4.5	1.2
Barium	**410**	410	820	MG/KG	62.2	121	71.3	93	54.2
Beryllium	**4.4**	43	47	MG/KG	0.65	0.43	0.55	0.79	0.85
Cadmium	**2.5**	2.5	7.5	MG/KG	0.14 J	0.85 U	0.25 J	0.26 J	0.18 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	20.1	**37.8**	19.6	21.9	12.9
Cobalt	--	--	--	MG/KG	NA	NA	NA	NA	NA
Copper	**50**	280	1720	MG/KG	24.7	29.8	**64.7**	22.9	13.2
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	44.3	10	**84.8**	**122**	61.7
Magnesium	--	--	--	MG/KG	NA	NA	NA	NA	NA
Manganese	**1600**	2000	2000	MG/KG	353	276	330	582	394
Mercury	**0.18**	0.3	0.73	MG/KG	0.098	0.015 J	0.15	0.13	0.079
Nickel	**30**	320	130	MG/KG	16.6	**34.3**	14.2	17.7	12.1
Potassium	--	--	--	MG/KG	NA	NA	NA	NA	NA
Selenium	3.9	110	4	MG/KG	0.32 J	0.4 J	0.29 J	0.28 J	0.13 J
Silver	2	110	8.3	MG/KG	0.35 U	0.34 U	0.08 J	0.077 J	0.35 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	84.6	65.8	91.1	**117**	93.6

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-17	RX-18	RX-19	RX-20	RX-21
Sample Designation:					RX-17	RX-18	RX-19	RX-20	RX-21
Sample Date:					12/19/2023	02/15/2024	02/15/2024	02/15/2024	02/15/2024
Sample Depth (bls):					4 - 6 ft	3 - 4 ft	3 - 5 ft	6 - 8 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	5	0.61 J	2	2.9	3.4
Barium	**410**	410	820	MG/KG	181	18.1	89.8	111	203
Beryllium	**4.4**	43	47	MG/KG	0.34 J	0.094 J	0.95	0.74	0.72
Cadmium	**2.5**	2.5	7.5	MG/KG	0.28 J	1.2 U	0.36 J	0.55 J	0.46 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	16.2	9.1	23.7	**31.2**	22.1
Cobalt	--	--	--	MG/KG	NA	NA	NA	NA	NA
Copper	**50**	280	1720	MG/KG	33.6	11.1	22.3	30.4	**83.6**
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	**391**	0.88	**138**	51.8	**665**
Magnesium	--	--	--	MG/KG	NA	NA	NA	NA	NA
Manganese	**1600**	2000	2000	MG/KG	520	284	438	487	347
Mercury	**0.18**	0.3	0.73	MG/KG	**2.5**	0.055	0.059	**0.42**	**0.35**
Nickel	**30**	320	130	MG/KG	13.1	5.1	14.7	23	16.2
Potassium	--	--	--	MG/KG	NA	NA	NA	NA	NA
Selenium	3.9	110	4	MG/KG	0.54 J	1.5 U	0.17 J	0.17 J	0.35 J
Silver	2	110	8.3	MG/KG	0.14 J	0.46 U	0.39 U	0.43 U	0.14 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	**189**	18.5	**155**	**1060**	**250**

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-22	RX-23	RX-23	RX-24	RX-24
Sample Designation:					RX-22	RX-23	RX-23	RX-24	RX-24
Sample Date:					09/05/2024	09/06/2024	09/06/2024	09/06/2024	09/06/2024
Sample Depth (bls):					5 - 6 ft	5 - 7 ft	10 - 12 ft	7 - 8 ft	14 - 15 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	3	2.9	3.1	5.7	2
Barium	**410**	410	820	MG/KG	**443**	194	187	92.6	42.5
Beryllium	**4.4**	43	47	MG/KG	0.75	0.66	0.84	0.77	**4.8**
Cadmium	**2.5**	2.5	7.5	MG/KG	0.48 J	0.32 J	0.53 J	0.36 J	**3.5**
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	13.5	21.1	24.9	23.3	10.1
Cobalt	--	--	--	MG/KG	NA	NA	NA	NA	NA
Copper	**50**	280	1720	MG/KG	20.1	25.6	31.3	31.3	7.3
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	**248**	**249**	**264**	55.1	15.7
Magnesium	--	--	--	MG/KG	NA	NA	NA	NA	NA
Manganese	**1600**	2000	2000	MG/KG	299	319	308	256	**5790**
Mercury	**0.18**	0.3	0.73	MG/KG	**0.21**	0.13	0.14	0.047	0.016 U
Nickel	**30**	320	130	MG/KG	12	13.7	18.3	22.1	**34.2**
Potassium	--	--	--	MG/KG	NA	NA	NA	NA	NA
Selenium	3.9	110	4	MG/KG	0.26 J	0.25 J	0.29 J	0.2 J	1.2 U
Silver	2	110	8.3	MG/KG	0.33 U	0.17 J	0.12 J	0.4 U	0.38 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	**311**	**185**	**211**	**116**	**310**

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

			Sample Designation:		RX-25
			Sample Date:		09/06/2024
			Sample Depth (bls):		3 - 5 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	
Aluminum	--	--	--	MG/KG	NA
Antimony	--	--	--	MG/KG	NA
Arsenic	**13**	16	16	MG/KG	3.6
Barium	**410**	410	820	MG/KG	300
Beryllium	**4.4**	43	47	MG/KG	1
Cadmium	**2.5**	2.5	7.5	MG/KG	1.5
Calcium	--	--	--	MG/KG	NA
Chromium III	**30**	110	--	MG/KG	NA
Chromium, Hexavalent	1	1	19	MG/KG	NA
Chromium, Total	**30**	110	--	MG/KG	15.4
Cobalt	--	--	--	MG/KG	NA
Copper	**50**	280	1720	MG/KG	33.9
Cyanide	**2.3**	13	40	MG/KG	NA
Iron	--	--	--	MG/KG	NA
Lead	**63**	400	450	MG/KG	**201**
Magnesium	--	--	--	MG/KG	NA
Manganese	**1600**	2000	2000	MG/KG	**5800**
Mercury	**0.18**	0.3	0.73	MG/KG	**0.24**
Nickel	**30**	320	130	MG/KG	26.5
Potassium	--	--	--	MG/KG	NA
Selenium	3.9	110	4	MG/KG	0.28 J
Silver	2	110	8.3	MG/KG	0.1 J
Sodium	--	--	--	MG/KG	NA
Thallium	--	--	--	MG/KG	NA
Vanadium	--	--	--	MG/KG	NA
Zinc	**109**	6600	2480	MG/KG	**160**

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	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
PCB-1016 (Aroclor 1016)	--	--	--	MG/KG	0.071 U	0.068 U	0.067 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	0.067 U
PCB-1232 (Aroclor 1232)	--	--	--	MG/KG	0.071 U	0.068 U	0.067 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	0.067 U
PCB-1248 (Aroclor 1248)	--	--	--	MG/KG	0.071 U	0.068 U	0.067 U	0.067 U	0.067 U
PCB-1254 (Aroclor 1254)	--	--	--	MG/KG	0.076 J+	0.068 U	0.067 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	0.067 U
PCB-1262 (Aroclor 1262)	--	--	--	MG/KG	0.071 U	0.068 U	0.067 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	0.067 U
Polychlorinated Biphenyl (PCBs)	**0.1**	1	3.2	MG/KG	0.076 J+	0.068 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

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
PCB-1016 (Aroclor 1016)	--	--	--	MG/KG	0.071 U	0.067 U	0.067 U	0.068 U	0.083 U
PCB-1221 (Aroclor 1221)	--	--	--	MG/KG	0.071 U	0.067 U	0.067 U	0.068 U	0.083 U
PCB-1232 (Aroclor 1232)	--	--	--	MG/KG	0.071 U	0.067 U	0.067 U	0.068 U	0.083 U
PCB-1242 (Aroclor 1242)	--	--	--	MG/KG	0.071 U	0.067 U	0.067 U	0.068 U	0.083 U
PCB-1248 (Aroclor 1248)	--	--	--	MG/KG	0.071 U	0.067 U	0.067 U	0.068 U	0.083 U
PCB-1254 (Aroclor 1254)	--	--	--	MG/KG	0.071 U	0.067 U	0.067 U	0.068 U	0.083 U
PCB-1260 (Aroclor 1260)	--	--	--	MG/KG	0.071 U	0.067 U	0.067 U	0.068 U	0.083 U
PCB-1262 (Aroclor 1262)	--	--	--	MG/KG	0.071 U	0.067 U	0.067 U	0.068 U	0.083 U
PCB-1268 (Aroclor 1268)	--	--	--	MG/KG	0.071 U	0.067 U	0.067 U	0.068 U	0.083 U
Polychlorinated Biphenyl (PCBs)	**0.1**	1	3.2	MG/KG	0.071 U	0.067 U	0.067 U	0.068 U	0.083 U

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

			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
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	0.071 U	0.073 U
PCB-1221 (Aroclor 1221)	--	--	--	MG/KG	0.067 U	0.068 U	0.075 U	0.071 U	0.073 U
PCB-1232 (Aroclor 1232)	--	--	--	MG/KG	0.067 U	0.068 U	0.075 U	0.071 U	0.073 U
PCB-1242 (Aroclor 1242)	--	--	--	MG/KG	0.067 U	0.068 U	0.075 U	0.071 U	0.073 U
PCB-1248 (Aroclor 1248)	--	--	--	MG/KG	0.067 U	0.068 U	0.075 U	0.071 U	0.073 U
PCB-1254 (Aroclor 1254)	--	--	--	MG/KG	0.067 U	0.068 U	0.075 U	0.071 U	0.073 U
PCB-1260 (Aroclor 1260)	--	--	--	MG/KG	0.067 U	0.068 U	0.075 U	0.071 U	0.073 U
PCB-1262 (Aroclor 1262)	--	--	--	MG/KG	0.067 U	0.068 U	0.075 U	0.071 U	0.073 U
PCB-1268 (Aroclor 1268)	--	--	--	MG/KG	0.067 U	0.068 U	0.075 U	0.071 U	0.073 U
Polychlorinated Biphenyl (PCBs)	**0.1**	1	3.2	MG/KG	0.067 U	0.068 U	0.075 U	0.071 U	0.073 U

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-04 Sample Date: 01/13/2026 Sample Depth (bls): 2 - 4 ft Normal Sample or Field Duplicate: N	Sample Designation: ETSB-05 Sample Date: 01/13/2026 Sample Depth (bls): 0 - 2 in Normal Sample or Field Duplicate: N	Sample Designation: ETSB-05 Sample Date: 01/13/2026 Sample Depth (bls): 2 - 4 ft Normal Sample or Field Duplicate: N	Sample Designation: ETSB-06 Sample Date: 01/20/2026 Sample Depth (bls): 0 - 2 in Normal Sample or Field Duplicate: N	Sample Designation: ETSB-06 Sample Date: 01/20/2026 Sample Depth (bls): 2 - 4 ft Normal Sample or Field Duplicate: N
PCB-1016 (Aroclor 1016)	--	--	--	MG/KG	0.069 U	0.073 U	0.068 U	0.07 U	0.069 U
PCB-1221 (Aroclor 1221)	--	--	--	MG/KG	0.069 U	0.073 U	0.068 U	0.07 U	0.069 U
PCB-1232 (Aroclor 1232)	--	--	--	MG/KG	0.069 U	0.073 U	0.068 U	0.07 U	0.069 U
PCB-1242 (Aroclor 1242)	--	--	--	MG/KG	0.069 U	0.073 U	0.068 U	0.07 U	0.069 U
PCB-1248 (Aroclor 1248)	--	--	--	MG/KG	0.069 U	0.073 U	0.068 U	0.07 U	0.069 U
PCB-1254 (Aroclor 1254)	--	--	--	MG/KG	0.069 U	0.073 U	0.068 U	0.07 U	0.069 U
PCB-1260 (Aroclor 1260)	--	--	--	MG/KG	0.069 U	0.073 U	0.068 U	0.07 U	0.069 U
PCB-1262 (Aroclor 1262)	--	--	--	MG/KG	0.069 U	0.073 U	0.068 U	0.07 U	0.069 U
PCB-1268 (Aroclor 1268)	--	--	--	MG/KG	0.069 U	0.073 U	0.068 U	0.07 U	0.069 U
Polychlorinated Biphenyl (PCBs)	**0.1**	1	3.2	MG/KG	0.069 U	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

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	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
PCB-1016 (Aroclor 1016)	--	--	--	MG/KG	0.068 U	0.067 U	0.067 U	0.073 U	0.069 U
PCB-1221 (Aroclor 1221)	--	--	--	MG/KG	0.068 U	0.067 U	0.067 U	0.073 U	0.069 U
PCB-1232 (Aroclor 1232)	--	--	--	MG/KG	0.068 U	0.067 U	0.067 U	0.073 U	0.069 U
PCB-1242 (Aroclor 1242)	--	--	--	MG/KG	0.068 U	0.067 U	0.067 U	0.073 U	0.069 U
PCB-1248 (Aroclor 1248)	--	--	--	MG/KG	0.068 U	0.067 U	0.067 U	0.073 U	0.069 U
PCB-1254 (Aroclor 1254)	--	--	--	MG/KG	0.068 U	0.067 U	0.067 U	0.073 U	0.069 U
PCB-1260 (Aroclor 1260)	--	--	--	MG/KG	0.068 U	0.067 U	0.067 U	0.073 U	0.069 U
PCB-1262 (Aroclor 1262)	--	--	--	MG/KG	0.068 U	0.067 U	0.067 U	0.073 U	0.069 U
PCB-1268 (Aroclor 1268)	--	--	--	MG/KG	0.068 U	0.067 U	0.067 U	0.073 U	0.069 U
Polychlorinated Biphenyl (PCBs)	**0.1**	1	3.2	MG/KG	0.068 U	0.067 U	0.067 U	0.073 U	0.069 U

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-07	ETSB-07	ETSB-07	ETSB-07
					Sample Date: 01/12/2026	01/12/2026	01/12/2026	01/12/2026
					Sample Depth (bls): 6 - 8 ft	6 - 8 ft	9 - 11 ft	11.5 - 13.5 ft
					Normal Sample or Field Duplicate: N	FD	N	N
PCB-1016 (Aroclor 1016)	--	--	--	MG/KG	0.067 U	0.067 U	0.067 U	0.067 U
PCB-1221 (Aroclor 1221)	--	--	--	MG/KG	0.067 U	0.067 U	0.067 U	0.067 U
PCB-1232 (Aroclor 1232)	--	--	--	MG/KG	0.067 U	0.067 U	0.067 U	0.067 U
PCB-1242 (Aroclor 1242)	--	--	--	MG/KG	0.067 U	0.067 U	0.067 U	0.067 U
PCB-1248 (Aroclor 1248)	--	--	--	MG/KG	0.067 U	0.067 U	0.067 U	0.067 U
PCB-1254 (Aroclor 1254)	--	--	--	MG/KG	0.067 U	0.067 U	0.067 U	0.067 U
PCB-1260 (Aroclor 1260)	--	--	--	MG/KG	0.067 U	0.067 U	0.067 U	0.067 U
PCB-1262 (Aroclor 1262)	--	--	--	MG/KG	0.067 U	0.067 U	0.067 U	0.067 U
PCB-1268 (Aroclor 1268)	--	--	--	MG/KG	0.067 U	0.067 U	0.067 U	0.067 U
Polychlorinated Biphenyl (PCBs)	**0.1**	1	3.2	MG/KG	0.067 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

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-08	ETSB-09
					Sample Date: 01/13/2026	01/13/2026	01/14/2026	01/14/2026	01/19/2026
					Sample Depth (bls): 0 - 2 in	2 - 4 ft	5 - 7 ft	8 - 10 ft	0 - 2 in
					Normal Sample or Field Duplicate: N	N	N	N	N
PCB-1016 (Aroclor 1016)	--	--	--	MG/KG	0.079 U	0.068 U	0.072 U	0.067 U	0.073 U
PCB-1221 (Aroclor 1221)	--	--	--	MG/KG	0.079 U	0.068 U	0.072 U	0.067 U	0.073 U
PCB-1232 (Aroclor 1232)	--	--	--	MG/KG	0.079 U	0.068 U	0.072 U	0.067 U	0.073 U
PCB-1242 (Aroclor 1242)	--	--	--	MG/KG	0.079 U	0.068 U	0.072 U	0.067 U	0.073 U
PCB-1248 (Aroclor 1248)	--	--	--	MG/KG	0.079 U	0.068 U	0.072 U	0.067 U	0.073 U
PCB-1254 (Aroclor 1254)	--	--	--	MG/KG	0.079 U	0.068 U	0.16	0.067 U	0.073 U
PCB-1260 (Aroclor 1260)	--	--	--	MG/KG	0.079 U	0.068 U	0.072 U	0.067 U	0.073 U
PCB-1262 (Aroclor 1262)	--	--	--	MG/KG	0.079 U	0.068 U	0.072 U	0.067 U	0.073 U
PCB-1268 (Aroclor 1268)	--	--	--	MG/KG	0.079 U	0.068 U	0.072 U	0.067 U	0.073 U
Polychlorinated Biphenyl (PCBs)	**0.1**	1	3.2	MG/KG	0.079 U	0.068 U	**0.16**	0.067 U	0.073 U

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-09	ETSB-09	ETSB-09	ETSB-09	ETSB-10
					Sample Date: 01/19/2026	01/19/2026	01/19/2026	01/19/2026	01/23/2026
					Sample Depth (bls): 2 - 4 ft	6 - 8 ft	10 - 12 ft	12 - 14 ft	0 - 2 in
					Normal Sample or Field Duplicate: N	N	N	N	N
PCB-1016 (Aroclor 1016)	--	--	--	MG/KG	0.071 U	0.07 U	0.067 U	0.068 U	0.075 U
PCB-1221 (Aroclor 1221)	--	--	--	MG/KG	0.071 U	0.07 U	0.067 U	0.068 U	0.075 U
PCB-1232 (Aroclor 1232)	--	--	--	MG/KG	0.071 U	0.07 U	0.067 U	0.068 U	0.075 U
PCB-1242 (Aroclor 1242)	--	--	--	MG/KG	0.071 U	0.07 U	0.067 U	0.068 U	0.075 U
PCB-1248 (Aroclor 1248)	--	--	--	MG/KG	0.071 U	0.07 U	0.067 U	0.068 U	0.075 U
PCB-1254 (Aroclor 1254)	--	--	--	MG/KG	0.071 U	0.07 U	0.067 U	0.068 U	0.075 U
PCB-1260 (Aroclor 1260)	--	--	--	MG/KG	0.071 U	0.07 U	0.067 U	0.068 U	0.075 U
PCB-1262 (Aroclor 1262)	--	--	--	MG/KG	0.071 U	0.07 U	0.067 U	0.068 U	0.075 U
PCB-1268 (Aroclor 1268)	--	--	--	MG/KG	0.071 U	0.07 U	0.067 U	0.068 U	0.075 U
Polychlorinated Biphenyl (PCBs)	**0.1**	1	3.2	MG/KG	0.071 U	0.07 U	0.067 U	0.068 U	0.075 U

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-10	ETSB-10	ETSB-11	ETSB-11	ETSB-11
					Sample Date: 01/23/2026	01/23/2026	01/15/2026	01/15/2026	01/15/2026
					Sample Depth (bls): 2 - 4 ft	11 - 13 ft	0 - 2 in	2 - 4 ft	14 - 16 ft
					Normal Sample or Field Duplicate: N	N	N	N	N
PCB-1016 (Aroclor 1016)	--	--	--	MG/KG	0.07 U	0.068 U	0.072 U	0.071 U	0.071 U
PCB-1221 (Aroclor 1221)	--	--	--	MG/KG	0.07 U	0.068 U	0.072 U	0.071 U	0.071 U
PCB-1232 (Aroclor 1232)	--	--	--	MG/KG	0.07 U	0.068 U	0.072 U	0.071 U	0.071 U
PCB-1242 (Aroclor 1242)	--	--	--	MG/KG	0.07 U	0.068 U	0.072 U	0.071 U	0.071 U
PCB-1248 (Aroclor 1248)	--	--	--	MG/KG	0.07 U	0.068 U	0.072 U	0.071 U	0.071 U
PCB-1254 (Aroclor 1254)	--	--	--	MG/KG	0.07 U	0.068 U	0.072 U	0.071 U	0.071 U
PCB-1260 (Aroclor 1260)	--	--	--	MG/KG	0.07 U	0.068 U	0.072 U	0.071 U	0.071 U
PCB-1262 (Aroclor 1262)	--	--	--	MG/KG	0.07 U	0.068 U	0.072 U	0.071 U	0.071 U
PCB-1268 (Aroclor 1268)	--	--	--	MG/KG	0.07 U	0.068 U	0.072 U	0.071 U	0.071 U
Polychlorinated Biphenyl (PCBs)	**0.1**	1	3.2	MG/KG	0.07 U	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

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	RX-3	RX-3	RX-4	RX-4	RX-5
Sample Designation:					RX-3	RX-3	RX-4	RX-4	RX-5
Sample Date:					05/31/2022	05/31/2022	05/31/2022	05/31/2022	05/31/2022
Sample Depth (bls):					0 - 2 ft	12 - 14 ft	0 - 2 ft	11 - 13 ft	0 - 2 ft
Normal Sample or Field Duplicate:					N	N	N	N	N
PCB-1016 (Aroclor 1016)	--	--	--	MG/KG	0.07 U	0.068 U	0.071 U	0.07 U	0.071 U
PCB-1221 (Aroclor 1221)	--	--	--	MG/KG	0.07 U	0.068 U	0.071 U	0.07 U	0.071 U
PCB-1232 (Aroclor 1232)	--	--	--	MG/KG	0.07 U	0.068 U	0.071 U	0.07 U	0.071 U
PCB-1242 (Aroclor 1242)	--	--	--	MG/KG	0.07 U	0.068 U	0.071 U	0.07 U	0.071 U
PCB-1248 (Aroclor 1248)	--	--	--	MG/KG	0.07 U	0.068 U	0.071 U	0.07 U	0.071 U
PCB-1254 (Aroclor 1254)	--	--	--	MG/KG	0.07 U	0.068 U	0.071 U	0.07 U	0.071 U
PCB-1260 (Aroclor 1260)	--	--	--	MG/KG	0.07 U	0.068 U	0.071 U	0.07 U	0.071 U
PCB-1262 (Aroclor 1262)	--	--	--	MG/KG	0.07 U	0.068 U	0.071 U	0.07 U	0.071 U
PCB-1268 (Aroclor 1268)	--	--	--	MG/KG	0.07 U	0.068 U	0.071 U	0.07 U	0.071 U
Polychlorinated Biphenyl (PCBs)	**0.1**	1	3.2	MG/KG	0.07 U	0.068 U	0.071 U	0.07 U	0.071 U

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

			Sample Designation:		RX-5	RX-6	RX-6
			Sample Date:		05/31/2022	05/31/2022	05/31/2022
			Sample Depth (bls):		10 - 12 ft	0 - 2 ft	12 - 14 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			
PCB-1016 (Aroclor 1016)	--	--	--	MG/KG	0.067 U	0.072 U	0.071 U
PCB-1221 (Aroclor 1221)	--	--	--	MG/KG	0.067 U	0.072 U	0.071 U
PCB-1232 (Aroclor 1232)	--	--	--	MG/KG	0.067 U	0.072 U	0.071 U
PCB-1242 (Aroclor 1242)	--	--	--	MG/KG	0.067 U	0.072 U	0.071 U
PCB-1248 (Aroclor 1248)	--	--	--	MG/KG	0.067 U	0.072 U	0.071 U
PCB-1254 (Aroclor 1254)	--	--	--	MG/KG	0.067 U	0.072 U	0.071 U
PCB-1260 (Aroclor 1260)	--	--	--	MG/KG	0.067 U	0.072 U	0.071 U
PCB-1262 (Aroclor 1262)	--	--	--	MG/KG	0.067 U	0.072 U	0.071 U
PCB-1268 (Aroclor 1268)	--	--	--	MG/KG	0.067 U	0.072 U	0.071 U
Polychlorinated Biphenyl (PCBs)	**0.1**	1	3.2	MG/KG	0.067 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-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 UJ	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 UJ	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 UJ	0.002 U	0.002 U
Endosulfan Sulfate	4.3	35	47	MG/KG	0.0071 U	0.0068 UJ	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 UJ	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 UJ	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

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-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
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 UJ	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 UJ	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 UJ	0.0067 U
Endrin Ketone	--	--	--	MG/KG	0.0067 U	0.0071 U	0.0067 UJ	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 UJ	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

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	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
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

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	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
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

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	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
Aldrin	0.0048	0.044	0.19	MG/KG	0.0067 U	0.0079 U	0.0068 U	0.0072 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.18	0.02	MG/KG	0.002 U	0.0023 U	0.002 U	0.0021 U
Alpha Endosulfan	4.3	35	65	MG/KG	0.0067 U	0.0079 U	0.0068 U	0.0072 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.021	0.18	0.09	MG/KG	0.002 U	0.0023 U	0.002 U	0.0021 U
Beta Endosulfan	4.3	35	44	MG/KG	0.0067 U	0.0079 U	0.0068 U	0.0072 U
Chlordane (Technical)	--	--	--	MG/KG	0.067 U	0.079 U	0.068 U	0.072 U
cis-Chlordane	**0.014**	0.65	4.5	MG/KG	0.0067 U	0.0079 U	0.0068 U	0.0072 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.1	MG/KG	0.002 U	0.0023 U	0.002 U	0.0021 U
Dieldrin	0.005	0.075	0.1	MG/KG	0.002 U	0.0023 U	0.002 U	0.0021 U
Endosulfan Sulfate	4.3	35	47	MG/KG	0.0067 U	0.0079 U	0.0068 U	0.0072 U
Endrin	0.014	5.3	0.06	MG/KG	0.0067 U	0.0079 U	0.0068 U	0.0072 U
Endrin Aldehyde	--	--	--	MG/KG	0.0067 U	0.0079 U	0.0068 U	0.0072 U
Endrin Ketone	--	--	--	MG/KG	0.0067 U	0.0079 U	0.0068 U	0.0072 U
Gamma Bhc (Lindane)	0.025	0.21	0.05	MG/KG	0.002 U	0.0023 U	0.002 U	0.0021 U
Heptachlor	0.013	0.53	0.38	MG/KG	0.0067 U	0.0079 U	0.0068 U	0.0072 U
Heptachlor Epoxide	--	--	--	MG/KG	0.0067 U	0.0079 U	0.0068 U	0.0072 U
Methoxychlor	--	--	--	MG/KG	0.0067 U	0.0079 U	0.0068 U	0.0072 U
P,P'-DDD	**0.0033**	5	14	MG/KG	0.0067 U	0.0079 U	0.0068 U	**0.0087**
P,P'-DDE	**0.0033**	3.4	9.3	MG/KG	0.0067 U	**0.0045 J**	0.0068 U	0.0072 U
P,P'-DDT	**0.0033**	3.8	135	MG/KG	0.0067 U	0.002 J	0.0068 U	**0.0066 J**
Toxaphene	--	--	--	MG/KG	0.067 U	0.079 U	0.068 U	0.072 U

Table 6. Summary of Pesticides and Herbicides 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-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
Aldrin	0.0048	0.044	0.19	MG/KG	0.0067 U	0.0073 U	0.0071 U	0.007 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.18	0.02	MG/KG	0.002 U	0.0022 U	0.0021 U	0.0021 U
Alpha Endosulfan	4.3	35	65	MG/KG	0.0067 U	0.0073 U	0.0071 U	0.007 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.021	0.18	0.09	MG/KG	0.002 U	0.0022 U	0.0021 U	0.0021 U
Beta Endosulfan	4.3	35	44	MG/KG	0.0067 U	0.0073 U	0.0071 U	0.007 U
Chlordane (Technical)	--	--	--	MG/KG	0.067 U	0.073 U	0.071 U	0.07 U
cis-Chlordane	**0.014**	0.65	4.5	MG/KG	0.0067 U	0.0073 U	0.0071 U	0.007 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.1	MG/KG	0.002 U	0.0022 U	0.0021 U	0.0021 U
Dieldrin	0.005	0.075	0.1	MG/KG	0.002 U	0.0022 U	0.0021 U	0.0021 U
Endosulfan Sulfate	4.3	35	47	MG/KG	0.0067 U	0.0073 U	0.0071 U	0.007 U
Endrin	0.014	5.3	0.06	MG/KG	0.0067 U	0.0073 U	0.0071 U	0.007 U
Endrin Aldehyde	--	--	--	MG/KG	0.0067 U	0.0073 U	0.0071 U	0.007 U
Endrin Ketone	--	--	--	MG/KG	0.0067 U	0.0073 U	0.0071 U	0.007 U
Gamma Bhc (Lindane)	0.025	0.21	0.05	MG/KG	0.002 U	0.0022 U	0.0021 U	0.0021 U
Heptachlor	0.013	0.53	0.38	MG/KG	0.0067 U	0.0073 U	0.0071 U	0.007 U
Heptachlor Epoxide	--	--	--	MG/KG	0.0067 U	0.0073 U	0.0071 U	0.007 U
Methoxychlor	--	--	--	MG/KG	0.0067 U	0.0073 U	0.0071 U	0.007 U
P,P'-DDD	**0.0033**	5	14	MG/KG	0.0067 U	0.0073 U	0.0071 U	0.007 U
P,P'-DDE	**0.0033**	3.4	9.3	MG/KG	0.0067 U	0.0073 U	0.0071 U	0.007 U
P,P'-DDT	**0.0033**	3.8	135	MG/KG	0.0067 U	0.0073 U	0.0071 U	0.007 U
Toxaphene	--	--	--	MG/KG	0.067 U	0.073 U	0.071 U	0.07 U

Table 6. Summary of Pesticides and Herbicides 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	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
Aldrin	0.0048	0.044	0.19	MG/KG	0.0067 U	0.0068 U	0.0075 U	0.007 UT
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.18	0.02	MG/KG	0.002 U	0.002 U	0.0022 U	0.0021 UT
Alpha Endosulfan	4.3	35	65	MG/KG	0.0067 U	0.0068 U	0.0075 U	0.007 UT
Beta Bhc (Beta Hexachlorocyclohexane)	0.021	0.18	0.09	MG/KG	0.002 U	0.002 U	0.0022 U	0.0021 UT
Beta Endosulfan	4.3	35	44	MG/KG	0.0067 U	0.0068 U	0.0075 U	0.007 UT
Chlordane (Technical)	--	--	--	MG/KG	0.067 U	0.068 U	0.075 U	0.07 U
cis-Chlordane	**0.014**	0.65	4.5	MG/KG	0.0067 U	0.0068 U	0.0075 U	0.007 UT
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.1	MG/KG	0.002 U	0.002 U	0.0022 U	0.0021 UT
Dieldrin	0.005	0.075	0.1	MG/KG	0.002 U	0.002 U	0.0022 U	0.0021 UT
Endosulfan Sulfate	4.3	35	47	MG/KG	0.0067 U	0.0068 U	0.0075 U	0.007 UT
Endrin	0.014	5.3	0.06	MG/KG	0.0067 U	0.0068 U	0.0075 U	0.007 UT
Endrin Aldehyde	--	--	--	MG/KG	0.0067 U	0.0068 U	0.0075 U	0.007 UT
Endrin Ketone	--	--	--	MG/KG	0.0067 U	0.0068 U	0.0075 U	0.007 UT
Gamma Bhc (Lindane)	0.025	0.21	0.05	MG/KG	0.002 U	0.002 U	0.0022 U	0.0021 UT
Heptachlor	0.013	0.53	0.38	MG/KG	0.0067 U	0.0068 U	0.0075 U	0.007 UT
Heptachlor Epoxide	--	--	--	MG/KG	0.0067 U	0.0068 U	0.0075 U	0.007 UT
Methoxychlor	--	--	--	MG/KG	0.0067 U	0.0068 U	0.0075 U	0.007 UT
P,P'-DDD	**0.0033**	5	14	MG/KG	0.0067 U	0.0068 U	0.0075 U	0.007 UT
P,P'-DDE	**0.0033**	3.4	9.3	MG/KG	0.0067 U	0.0068 U	0.0075 U	0.007 UT
P,P'-DDT	**0.0033**	3.8	135	MG/KG	0.0067 U	0.0068 U	0.0075 U	0.007 UT
Toxaphene	--	--	--	MG/KG	0.067 U	0.068 U	0.075 U	0.07 U

Table 6. Summary of Pesticides and Herbicides 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	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
Aldrin	0.0048	0.044	0.19	MG/KG	0.0068 UT	0.0072 U	0.0071 U	0.0071 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.18	0.02	MG/KG	0.002 UT	0.0022 U	0.0021 U	0.0021 U
Alpha Endosulfan	4.3	35	65	MG/KG	0.0068 UT	0.0072 U	0.0071 U	0.0071 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.021	0.18	0.09	MG/KG	0.002 UT	0.0022 U	0.0021 U	0.0021 U
Beta Endosulfan	4.3	35	44	MG/KG	0.0068 UT	0.0072 U	0.0071 U	0.0071 U
Chlordane (Technical)	--	--	--	MG/KG	0.068 U	0.072 U	0.071 U	0.071 U
cis-Chlordane	**0.014**	0.65	4.5	MG/KG	0.0068 UT	0.0072 U	0.0071 U	0.0071 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.1	MG/KG	0.002 UT	0.0022 U	0.0021 U	0.0021 U
Dieldrin	0.005	0.075	0.1	MG/KG	0.002 UT	0.0022 U	0.0021 U	0.0021 U
Endosulfan Sulfate	4.3	35	47	MG/KG	0.0068 UT	0.0072 U	0.0071 U	0.0071 U
Endrin	0.014	5.3	0.06	MG/KG	0.0068 UT	0.0072 U	0.0071 U	0.0071 U
Endrin Aldehyde	--	--	--	MG/KG	0.0068 UT	0.0072 U	0.0071 U	0.0071 U
Endrin Ketone	--	--	--	MG/KG	0.0068 UT	0.0072 U	0.0071 U	0.0071 U
Gamma Bhc (Lindane)	0.025	0.21	0.05	MG/KG	0.002 UT	0.0022 U	0.0021 U	0.0021 U
Heptachlor	0.013	0.53	0.38	MG/KG	0.0068 UT	0.0072 U	0.0071 U	0.0071 U
Heptachlor Epoxide	--	--	--	MG/KG	0.0068 UT	0.0072 U	0.0071 U	0.0071 U
Methoxychlor	--	--	--	MG/KG	0.0068 UT	0.0072 U	0.0071 U	0.0071 U
P,P'-DDD	**0.0033**	5	14	MG/KG	0.0068 UT	0.0072 U	0.0071 U	0.0071 U
P,P'-DDE	**0.0033**	3.4	9.3	MG/KG	0.0068 UT	0.0028 NJ	0.0071 U	0.0071 U
P,P'-DDT	**0.0033**	3.8	135	MG/KG	0.0068 UT	**0.0054 J**	0.0071 U	0.0071 U
Toxaphene	--	--	--	MG/KG	0.068 U	0.072 U	0.071 U	0.071 U

Table 6. Summary of Pesticides and Herbicides 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-3	RX-4	RX-4
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	11 - 13 ft
Normal Sample or Field Duplicate:					N	N	N	N
Aldrin	0.0048	0.044	0.19	MG/KG	0.007 U	0.0067 U	0.007 U	0.007 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.18	0.02	MG/KG	0.0021 U	0.002 U	0.0021 U	0.0021 U
Alpha Endosulfan	4.3	35	65	MG/KG	0.007 U	0.0067 U	0.007 U	0.007 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.021	0.18	0.09	MG/KG	0.0021 U	0.002 U	0.0021 U	0.0021 U
Beta Endosulfan	4.3	35	44	MG/KG	0.007 U	0.0067 U	0.007 U	0.007 U
Chlordane (Technical)	--	--	--	MG/KG	0.07 U	0.067 U	0.07 U	0.07 U
cis-Chlordane	**0.014**	0.65	4.5	MG/KG	0.007 U	0.0067 U	0.007 U	0.007 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.1	MG/KG	0.0021 U	0.002 U	0.0021 U	0.0021 U
Dieldrin	0.005	0.075	0.1	MG/KG	0.0028	0.002 U	0.0021 U	0.0021 U
Endosulfan Sulfate	4.3	35	47	MG/KG	0.007 U	0.0067 U	0.007 U	0.007 U
Endrin	0.014	5.3	0.06	MG/KG	0.007 U	0.0067 U	0.007 U	0.007 U
Endrin Aldehyde	--	--	--	MG/KG	0.007 U	0.0067 U	0.007 U	0.007 U
Endrin Ketone	--	--	--	MG/KG	0.007 U	0.0067 U	0.007 U	0.007 U
Gamma Bhc (Lindane)	0.025	0.21	0.05	MG/KG	0.0021 U	0.002 U	0.0021 U	0.0021 U
Heptachlor	0.013	0.53	0.38	MG/KG	0.007 U	0.0067 U	0.007 U	0.007 U
Heptachlor Epoxide	--	--	--	MG/KG	0.007 U	0.0067 U	0.007 U	0.007 U
Methoxychlor	--	--	--	MG/KG	0.007 U	0.0067 U	0.007 U	0.007 U
P,P'-DDD	**0.0033**	5	14	MG/KG	0.007 U	0.0067 U	0.007 U	0.007 U
P,P'-DDE	**0.0033**	3.4	9.3	MG/KG	0.007 U	0.0067 U	0.007 U	0.007 U
P,P'-DDT	**0.0033**	3.8	135	MG/KG	0.007 U	0.0067 U	0.007 U	0.007 U
Toxaphene	--	--	--	MG/KG	0.07 U	0.067 U	0.07 U	0.07 U

Table 6. Summary of Pesticides and Herbicides 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	RX-5	RX-6	RX-6
					Sample Date: 05/31/2022	05/31/2022	05/31/2022	05/31/2022
					Sample Depth (bls): 0 - 2 ft	10 - 12 ft	0 - 2 ft	12 - 14 ft
					Normal Sample or Field Duplicate: N	N	N	N
Aldrin	0.0048	0.044	0.19	MG/KG	0.0071 U	0.0067 U	0.0072 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	0.0071 U	0.0067 U	0.0072 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	0.0071 U	0.0067 U	0.0072 U	0.0071 U
Chlordane (Technical)	--	--	--	MG/KG	0.15	0.067 U	0.072 U	0.071 U
cis-Chlordane	**0.014**	0.65	4.5	MG/KG	**0.022 J**	0.0067 U	0.0072 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	0.0071 U	0.0067 U	0.0072 U	0.0071 U
Endrin	0.014	5.3	0.06	MG/KG	0.0071 U	0.0067 U	0.0072 U	0.0071 U
Endrin Aldehyde	--	--	--	MG/KG	0.0071 U	0.0067 U	0.0072 U	0.0071 U
Endrin Ketone	--	--	--	MG/KG	0.0071 U	0.0067 U	0.0072 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	0.0071 U	0.0067 U	0.0072 U	0.0071 U
Heptachlor Epoxide	--	--	--	MG/KG	0.0071 U	0.0067 U	0.0072 U	0.0071 U
Methoxychlor	--	--	--	MG/KG	0.0071 U	0.0067 U	0.0072 U	0.0071 U
P,P'-DDD	**0.0033**	5	14	MG/KG	**0.0071**	0.0067 U	0.0072 U	0.0071 U
P,P'-DDE	**0.0033**	3.4	9.3	MG/KG	**0.0039 J**	0.0067 U	0.0072 U	0.0071 U
P,P'-DDT	**0.0033**	3.8	135	MG/KG	0.0071 U	0.0067 U	0.0072 U	0.0071 U
Toxaphene	--	--	--	MG/KG	0.071 U	0.067 U	0.072 U	0.071 U

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
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
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

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
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
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

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			
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

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	ETSB-07	ETSB-08	ETSB-08
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
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
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

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			
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

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-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
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
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

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			
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	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 UJ	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 UJ	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 UJ	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 UJ
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 UJ	0.45 U	0.45 U	0.45 U	1 U
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

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
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	1 U	1 U	1.4	1.5 U	1 U	1 U	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

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
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 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UT
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

Table 9. Summary of Semivolatile 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
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
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

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							
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

Parameter	NYSDEC Ambient Water Quality Standards and Guidance Values	Units	Sample Designation:	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
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 UJ	NA	10 U	NA	NA	10 U	NA	10 UJ	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	200	MG/L		1.8 J	NA	5 U	NA	5 UJ	NA	NA	1.8 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

Parameter	NYSDEC Ambient Water Quality Standards and Guidance Values	Units	ETMW-04 02/11/2026 FD Total	ETMW-04 02/11/2026 FD Dissolved	ETMW-05 02/11/2026 N Total	ETMW-05 02/11/2026 N Dissolved	RX-8G 06/07/2022 N Total	RX-8G 06/07/2022 N Dissolved
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 J	13.9 J	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 UJ	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	200	MG/L	1.5 J	NA	5 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 J	90.9 J	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 J**	**52100 J**	**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 Sample Date: 02/11/2026 Normal Sample or Field Duplicate: N	ETMW-02 02/11/2026 N	ETMW-03 01/29/2026 N	ETMW-04 02/11/2026 N	ETMW-04 02/11/2026 FD	ETMW-05 02/11/2026 N
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	--	NG/L	0.00163 U	0.00161 U	0.00161 U	0.00166 U	0.00173 U	0.00163 U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	NG/L	0.00817 U	0.00805 U	0.00804 U	0.00829 U	0.00863 U	0.00862 U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	NG/L	0.00817 U	0.00805 U	0.00804 U	0.00829 U	0.00863 U	0.00813 U
2-(N-methyl perfluorooctanesulfonamido) acetic acid	--	NG/L	0.00163 U	0.00161 U	0.00161 U	0.00166 U	0.00173 U	0.00163 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	--	NG/L	0.00817 UT	0.00805 UJ	0.00804 U	0.00829 UJ	0.00863 UJ	0.00813 UJ
3-Perfluoroheptyl propanoic acid (7:3FTCA)	--	NG/L	0.00817 U	0.00805 U	0.00804 U	0.00829 U	0.00863 U	0.00813 U
3-Perfluoropropyl propanoic acid (3:3 FTCA)	--	NG/L	0.00327 U	0.00322 U	0.00322 U	0.00332 U	0.00345 U	0.00325 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	--	NG/L	0.00163 U	0.00161 U	0.00161 U	0.00166 U	0.00173 U	0.00163 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	--	NG/L	0.00163 U	0.00161 U	0.00161 U	0.00166 U	0.00173 U	0.00163 U
N-ethyl perfluoro-1-octanesulfonamide	--	NG/L	0.00163 U	0.00161 U	0.00161 U	0.00166 U	0.00173 U	0.00163 U
N-ethyl perfluorooctanesulfonamidoacetic acid	--	NG/L	0.00163 U	0.00161 U	0.00161 U	0.00166 U	0.00173 U	0.00163 U
N-methyl perfluoro-1-octanesulfonamide	--	NG/L	0.00163 U	0.00161 U	0.00161 U	0.00166 U	0.00173 U	0.00163 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	--	NG/L	0.00163 U	0.00161 U	0.00161 U	0.00166 U	0.00173 U	0.00163 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	--	NG/L	0.00163 U	0.00161 U	0.00161 U	0.00166 U	0.00173 U	0.00163 U
Perfluoro(2-Propoxypropanoic) Acid	--	NG/L	0.00163 U	0.00161 U	0.00161 U	0.00166 U	0.00173 U	0.00163 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	--	NG/L	0.00163 U	0.00161 U	0.00161 U	0.00166 U	0.00173 U	0.00163 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	--	NG/L	0.00163 U	0.00161 U	0.00161 U	0.00166 U	0.00173 U	0.00163 U
Perfluorobutanesulfonic acid (PFBS)	--	NG/L	0.00467	0.00175	0.00124 J	0.0117	0.0119	0.00082 J
Perfluorobutanoic Acid	--	NG/L	0.00698	0.00138 J	0.00218 J	0.0287	0.0282	0.0018 J
Perfluorodecane Sulfonic Acid	--	NG/L	0.00163 U	0.00161 U	0.00161 U	0.00166 U	0.00173 U	0.00163 U
Perfluorodecanoic acid (PFDA)	--	NG/L	0.00163 U	0.00161 U	0.00161 U	0.00166 U	0.00173 U	0.00163 U
Perfluorododecane sulfonate (PFDoDS)	--	NG/L	0.00163 U	0.00161 U	0.00161 U	0.00166 U	0.00173 U	0.00163 U
Perfluorododecanoic acid (PFDoA)	--	NG/L	0.00163 U	0.00161 U	0.00161 U	0.00166 U	0.00173 U	0.00163 U
Perfluoroheptane Sulfonate (PFHPS)	--	NG/L	0.00046 J	0.00087 J	0.00161 U	0.00148 J	0.00147 J	0.00163 U
Perfluoroheptanoic acid (PFHpA)	--	NG/L	0.00599	0.00159 J	0.00223	0.0299	0.0298	0.00073 J
Perfluorohexanesulfonic acid (PFHxS)	--	NG/L	0.00399	0.00229	0.00128 J	0.0285	0.0298	0.00163 U
Perfluorohexanoic acid (PFHxA)	--	NG/L	0.00901	0.00147 J	0.00309	0.0894	0.0894	0.00175
Perfluorononanesulfonic Acid (PFNS)	--	NG/L	0.00163 U	0.00161 U	0.00161 U	0.00166 U	0.00173 U	0.00163 U
Perfluorononanoic acid (PFNA)	--	NG/L	0.00136 J	0.00086 J	0.00161 U	0.00122 J	0.00097 J	0.00163 U
Perfluorooctane Sulfonamide (FOSA)	--	NG/L	0.00163 U	0.00161 U	0.00161 U	0.00166 U	0.00173 U	0.00163 U
Perfluorooctanesulfonic acid (PFOS)	**2.7**	NG/L	**0.0124**	**0.00714**	**0.00419**	**0.00913**	**0.00752**	0.00202
Perfluorooctanoic acid (PFOA)	**6.7**	NG/L	**0.0304**	**0.0244**	**0.0171**	**0.111**	**0.11**	0.00437
Perfluoropentanesulfonic Acid (PFPeS)	--	NG/L	0.00058 J	0.00161 U	0.00161 U	0.00384	0.00385	0.00163 U
Perfluoropentanoic Acid (PFPeA)	--	NG/L	0.0108	0.00108 J	0.00305	0.0878	0.0889	0.00195

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						
Perfluorotetradecanoic acid (PFTA)	--	NG/L	0.00163 U	0.00161 U	0.00161 U	0.00166 U	0.00173 U	0.00163 U
Perfluorotridecanoic Acid (PFTriA)	--	NG/L	0.00163 U	0.00161 U	0.00161 U	0.00166 U	0.00173 U	0.00163 U
Perfluoroundecanoic Acid (PFUnA)	--	NG/L	0.00163 U	0.00161 U	0.00161 U	0.00166 U	0.00173 U	0.00163 U
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	--	NG/L	0.00327 U	0.00322 U	0.00322 U	0.00332 U	0.00345 U	0.00325 U
Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	--	NG/L	0.00327 U	0.00322 U	0.00322 U	0.00332 U	0.00345 U	0.00325 U
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	--	NG/L	0.00327 U	0.00322 U	0.00322 U	0.00332 U	0.00345 U	0.00325 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**
Chloromethane	UG/M3	**0.38 J**	1 U	1 U	1 U	1 U	1 U	1 U	1 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								
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

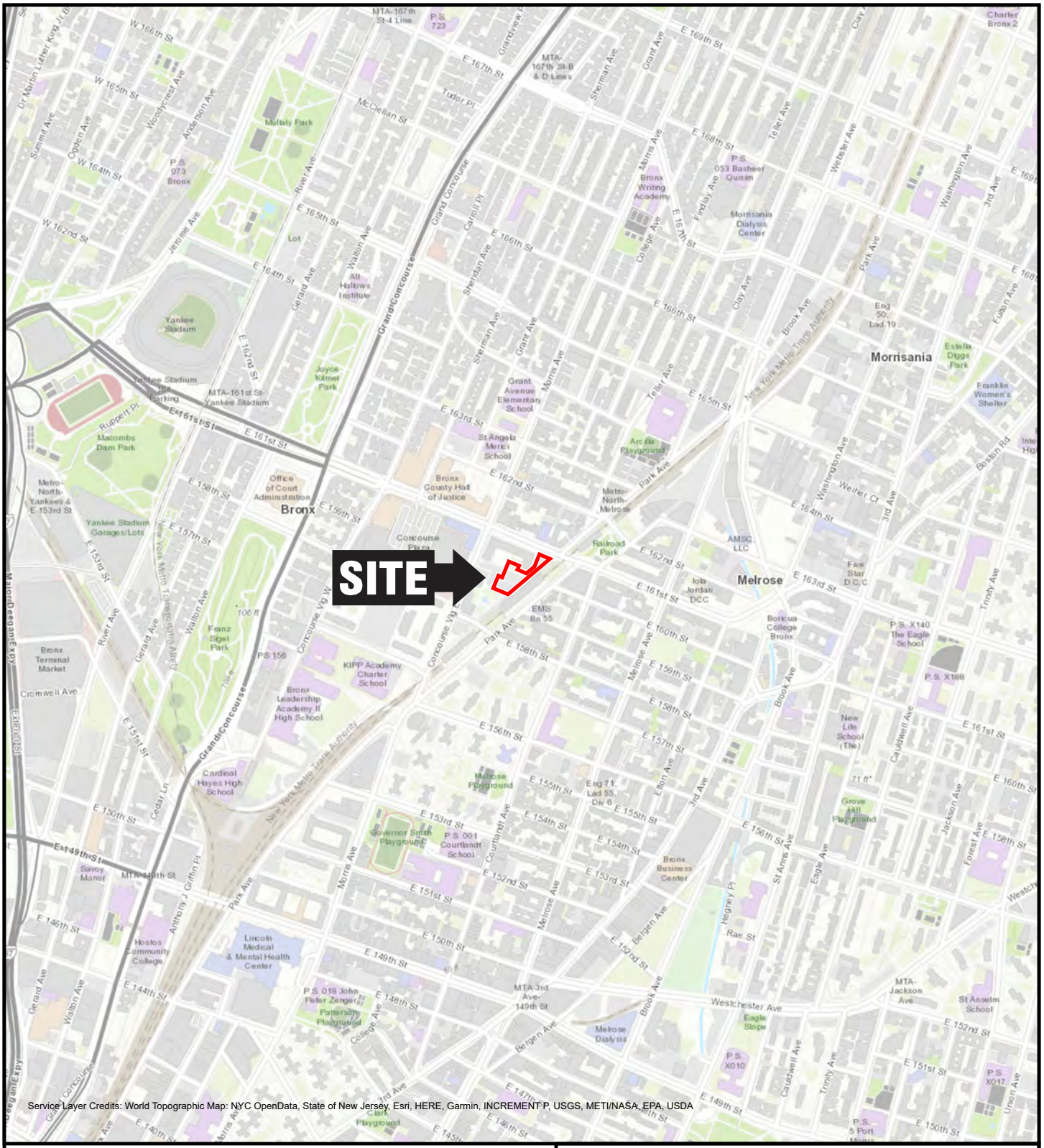
Sample Designation:		RX-23	RX-3	RX-5
Sample Date:		09/06/2024	06/01/2022	06/01/2022
Normal Sample or Field Duplicate:		N	N	N
Parameter	Units			
1,1,1-Trichloroethane (TCA)	UG/M3	1.1 U	5.5 U	5.5 U
1,1,2,2-Tetrachloroethane	UG/M3	1.4 U	6.9 U	6.9 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	UG/M3	1.5 U	7.7 U	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
Chloromethane	UG/M3	1 U	5.2 U	5.2 U

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

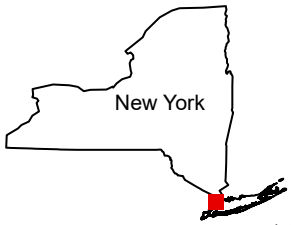
Sample Designation:		RX-23	RX-3	RX-5
Sample Date:		09/06/2024	06/01/2022	06/01/2022
Normal Sample or Field Duplicate:		N	N	N
Parameter	Units			
Cis-1,2-Dichloroethylene	UG/M3	**0.12 J**	1 U	1 U
Cis-1,3-Dichloropropene	UG/M3	0.91 U	4.5 U	4.5 U
Cyclohexane	UG/M3	**0.21 J**	3.4 U	3.4 U
Cymene	UG/M3	1.1 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:

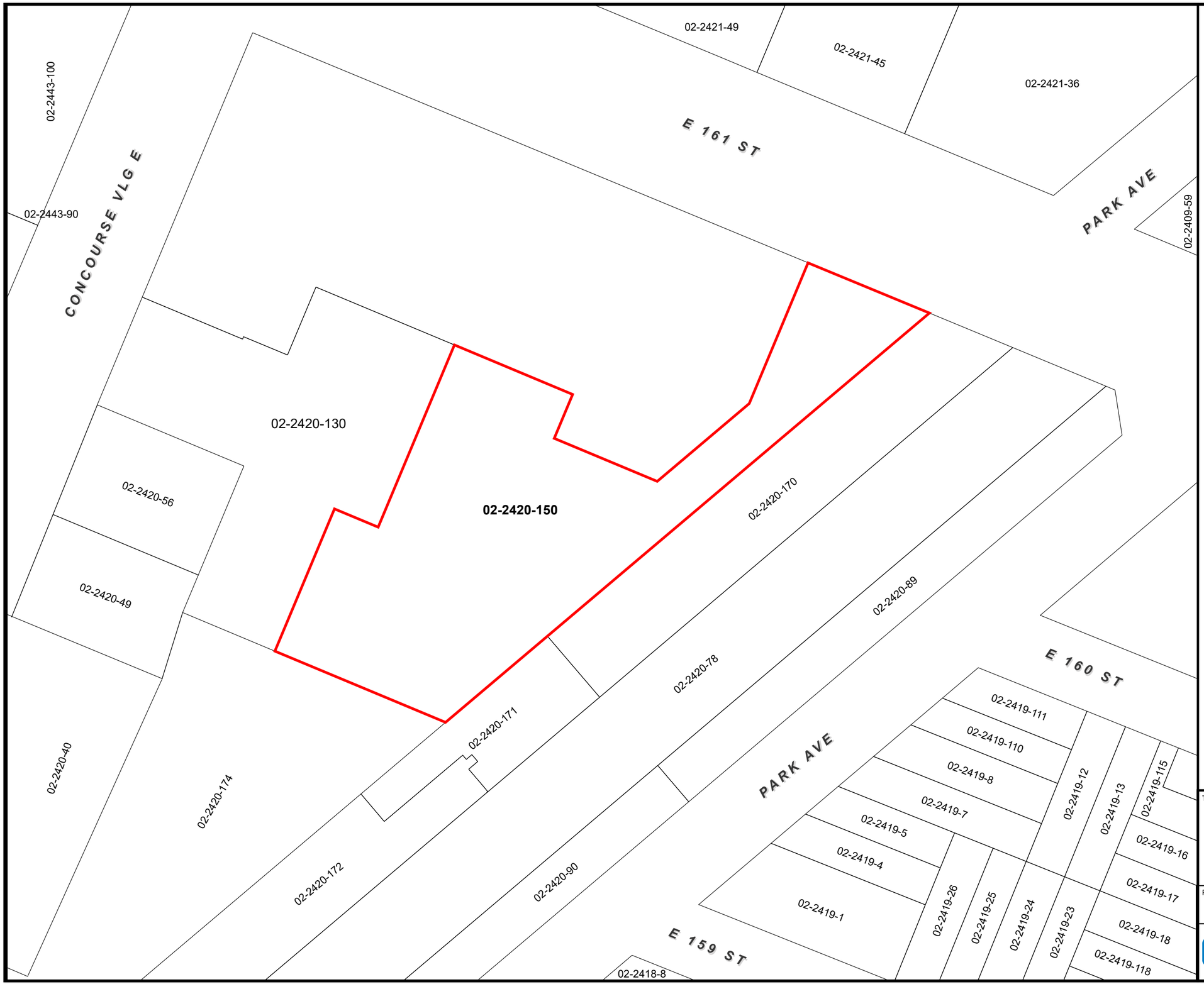
TEG MORRISANIA DEVELOPMENT LLC

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



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		

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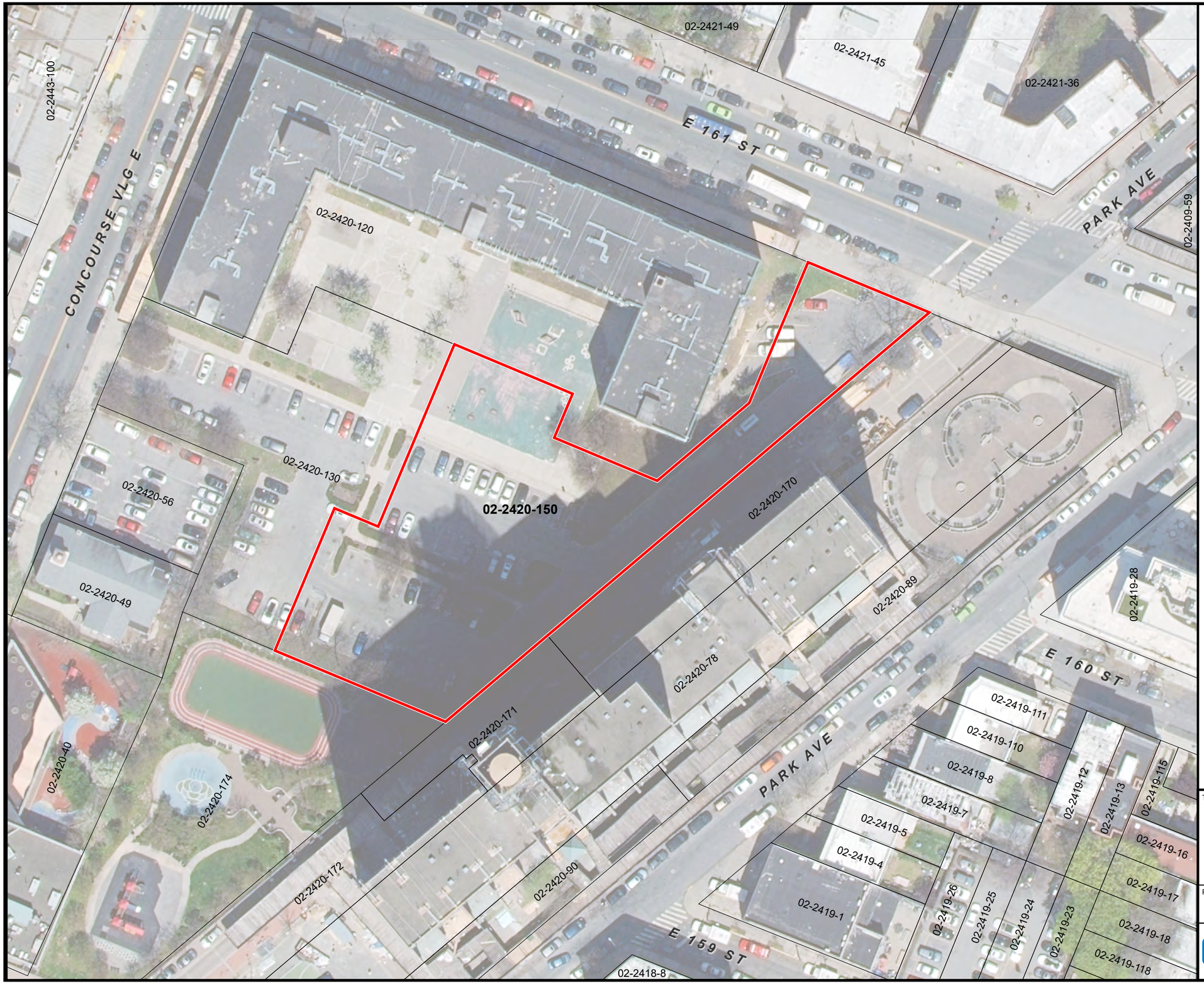

N

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:

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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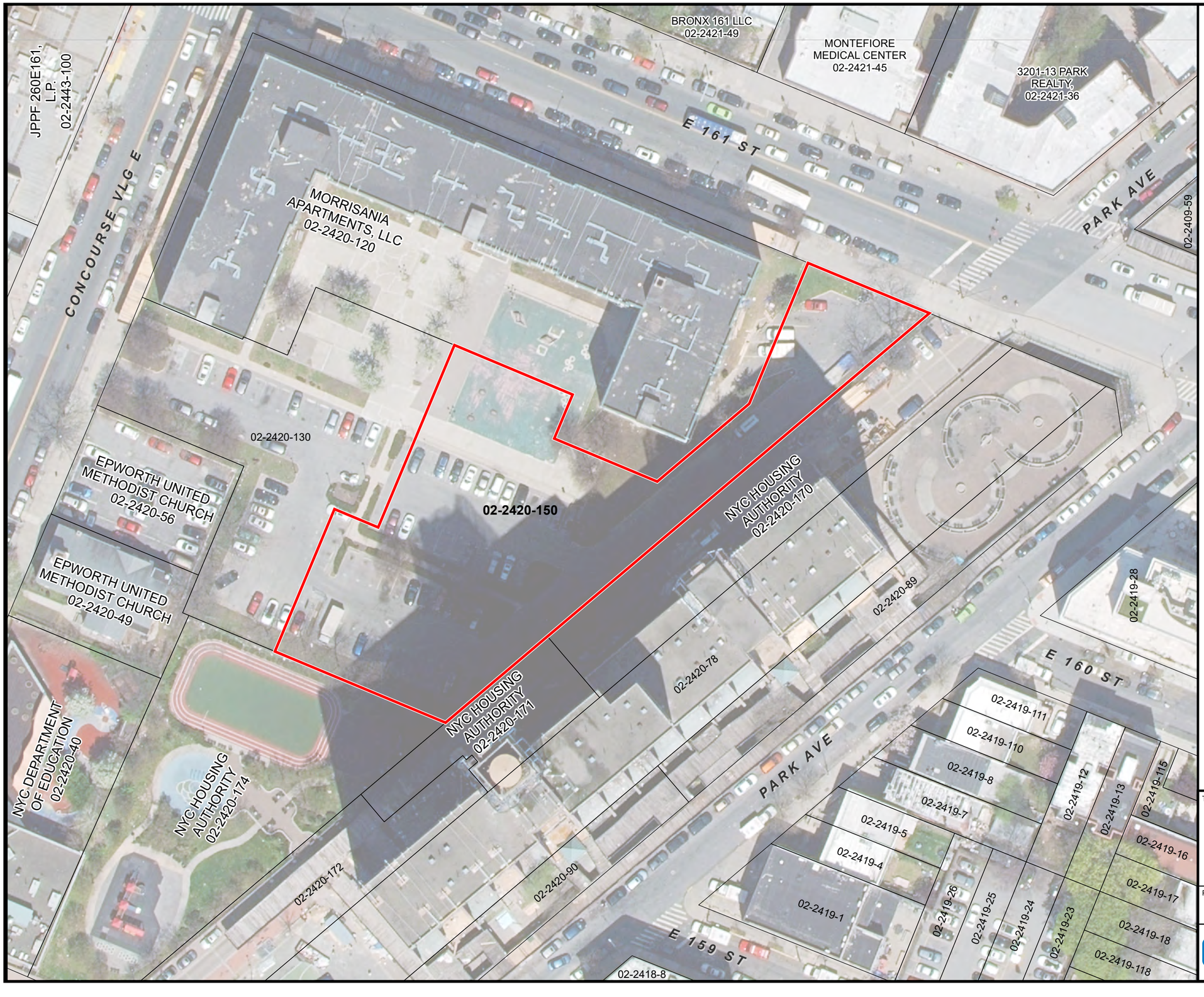

N

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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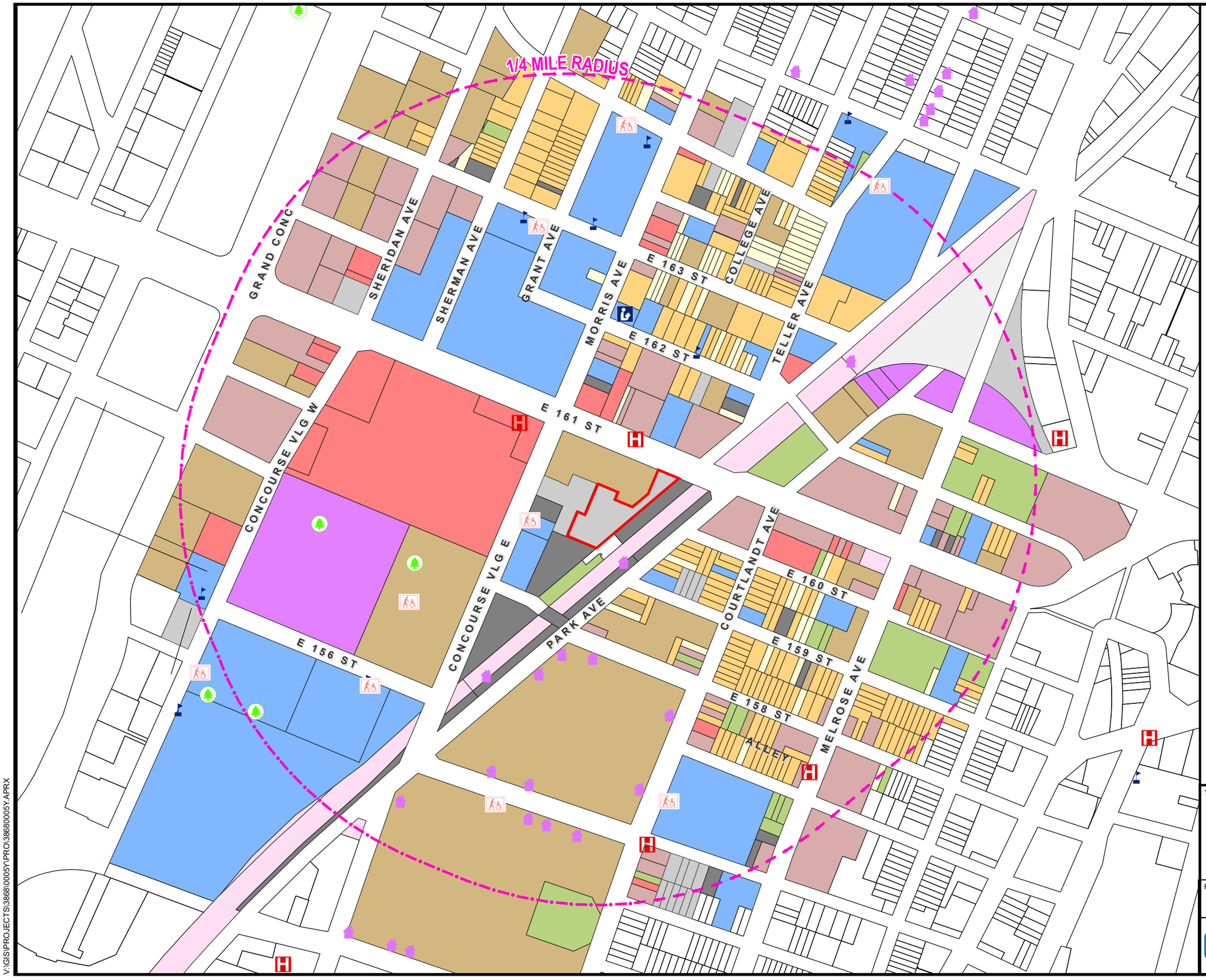

LEGEND

- 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	0.76	**1.1**
Indeno(1,2,3-C,D)Pyrene	0.34	**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**	0.056 J
Metals		
Beryllium	0.77	**4.8**
Cadmium	0.36 J	**3.5**
Manganese	256	**5790**
Nickel	22.1	**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**	3.2
Zinc	**147**	16.5
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	20.1	**37.8**
Nickel	16.6	**34.3**

RX-17	12/19/2023	12/19/2023
Depth (ft bls)	0 - 2 ft	4 - 6 ft
Metals		
Lead	61.7	**391**
Mercury	0.079	**2.5**
Zinc	93.6	**189**

RX-16	12/19/2023	12/19/2023
Depth (ft bls)	0 - 2 ft	2 - 4 ft
SVOCs		
Benzo(B)Fluoranthene	1	**1.2**
Benzo(G,H,I)Perylene	0.53 T	**0.99 T**
Dibenz(A,H)Anthracene	0.14	**0.48**
Indeno(1,2,3-C,D)Pyrene	**0.61**	**1**
Metals		
Copper	**64.7**	22.9
Lead	**84.8**	**122**
Zinc	91.1	**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. FOR SOIL BORINGS WHICH HAD MULTIPLE SAMPLE INTERVALS WHERE THE SOIL SAMPLE PARAMETERS WERE DETECTED BUT NOT AT CONCENTRATIONS THAT EXCEED UUSCOS, RRSCOS, OR PGWSCOS, THE CONCENTRATION WAS PROVIDED. IF NO EXCEEDANCE WAS DETECTED IN ANY SOIL SAMPLE INTERVALS AT A PARTICULAR SOIL BORING, NO DATA BOX IS PROVIDED

ESA - ENVIRONMENTAL SITE ASSESSMENT
BCP - BROWNFIELD CLEANUP PROGRAM
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:

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: 06/02/26
Prepared by: M.S.R.	Scale: AS SHOWN
Project Mgr: L.D.	Project: 3868.0005Y000
File: 3868.0005Y106.06.APRX	

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'

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

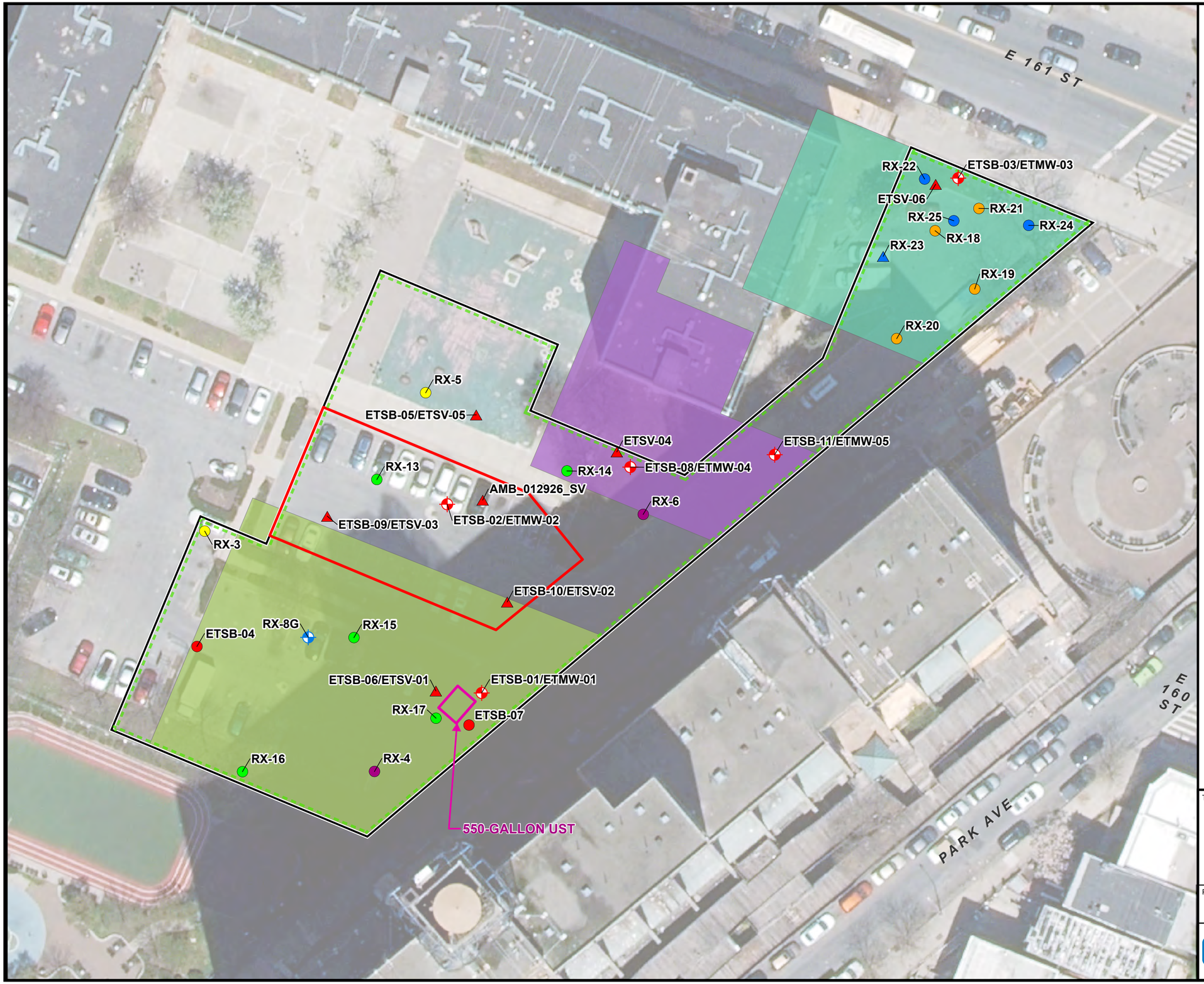
Prepared for:

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		

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



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:

PROPOSED 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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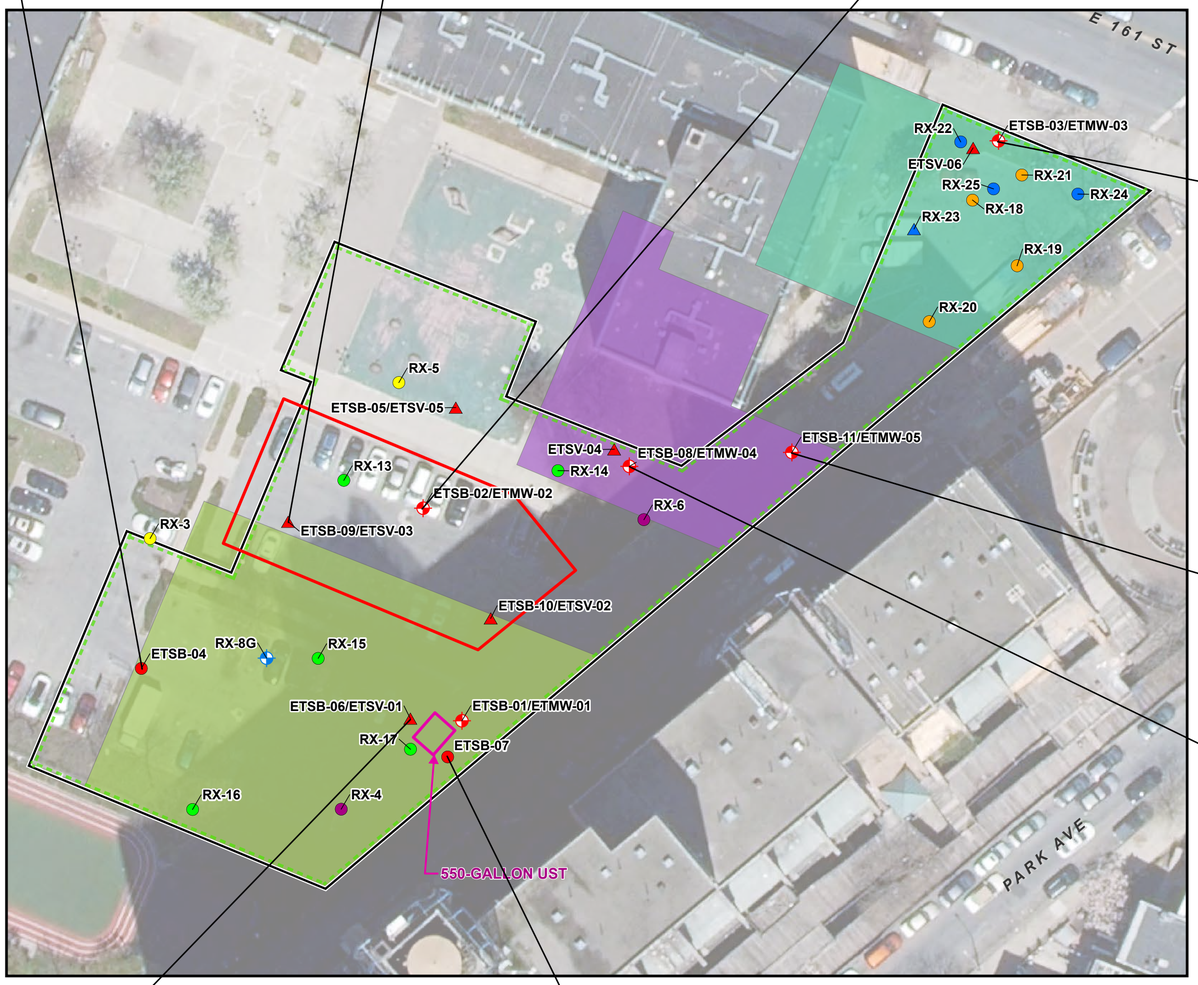
ETSB-04	01/13/2026	01/13/2026	01/13/2026
Depth (ft bls)	0 - 2 in	2 - 6 in	2 - 4 ft
Metals			
Cadmium	**3.6**	NA	1
Chromium III	**44.6**	NA	22.4
Chromium, Total	**44.6**	NA	22.4
Copper	**103**	NA	43.1
Lead	**338**	NA	**448**
Mercury	**0.24**	NA	0.18
Nickel	**63.8**	NA	26
Zinc	**180**	NA	**453**

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	0.045	ND	ND	ND
Benzo(A)Pyrene	**4.1**	NA	0.051	ND	ND	ND
Benzo(B)Fluoranthene	6.1	NA	0.072	ND	ND	ND
Benzo(G,H,I)Perylene	**2.5**	NA	0.052 J	ND	ND	ND
Benzo(K)Fluoranthene	2.2	NA	0.027 J	ND	ND	ND
Chrysene	3.6	NA	0.042 J	ND	ND	ND
Dibenz(A,H)Anthracene	**0.6**	NA	ND	ND	ND	ND
Indeno(1,2,3-C,D)Pyrene	**2.5**	NA	0.047	ND	ND	ND
Phenanthrene	**1.6**	NA	0.021 J	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	0.025	**0.36**



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-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	0.015	0.0097	0.037	0.0071
SVOCs						
Benzo(A)Anthracene	0.18	NA	31	ND	ND	ND
Benzo(A)Pyrene	0.19	NA	24	ND	0.021 J	ND
Benzo(B)Fluoranthene	0.28	NA	33	ND	0.029 J	ND
Benzo(G,H,I)Perylene	0.15 J	NA	**15**	ND	0.016 J	ND
Benzo(K)Fluoranthene	0.094	NA	12	ND	0.01 J	ND
Chrysene	0.2 J	NA	30	ND	0.019 J	ND
Dibenz(A,H)Anthracene	0.034 J	NA	**4.7**	ND	ND	ND
Indeno(1,2,3-C,D)Pyrene	0.15	NA	17	ND	0.016 J	ND
Phenanthrene	0.12 J	NA	**43**	ND	0.017 J	ND
Metals						
Arsenic	19.6	NA	6	0.64 J	1	0.6 J
Lead	**67.7**	NA	**137**	20.3	24.1	5.3
Mercury	**0.22**	NA	0.18	ND	ND	ND
Zinc	66.7	NA	**156**	**131**	**183**	6.8 J
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	9	8.3
Zinc	**116**	NA	63.5	12.7
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	0.0077
Acetone	NA	ND	0.01	NA	ND	0.044
Ethylbenzene	NA	ND	ND	NA	37	0.0013
m,p-Xylene	NA	ND	ND	NA	**0.75 J**	0.0012
N-Butylbenzene	NA	ND	ND	NA	35	0.00046 J
N-Propylbenzene	NA	ND	ND	NA	62	0.0011
Xylenes	NA	ND	ND	NA	**0.75 J**	0.0015 J
SVOCs						
Phenanthrene	ND	NA	ND	NA	**2.9**	NA
Metals						
Arsenic	17.8	NA	2.1	NA	**13.4**	0.87 J
Chromium III	**101**	NA	19.4	NA	15.2	20.7
Chromium, Total	**101**	NA	19.4	NA	15.2	20.7
Copper	30.9	NA	24.2	NA	**87.5**	8.4
Cyanide	0.22 J	NA	ND	NA	**7.6**	ND
Lead	55.5	NA	18.3	NA	**298**	10.2
Mercury	**0.33**	NA	0.018	NA	0.043	ND
Zinc	60.3	NA	66.9	NA	**122**	26.9
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	0.002 JP	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	0.36	0.061	ND	ND
Benzo(A)Pyrene	**5.7**	NA	0.4	0.057	ND	ND
Benzo(B)Fluoranthene	6.3	NA	0.55	0.085	ND	ND
Benzo(G,H,I)Perylene	**3.2**	NA	0.25 J	0.04 J	ND	ND
Benzo(K)Fluoranthene	2.9	NA	0.2	0.03 J	ND	ND
Chrysene	6.9	NA	0.39	0.065 J	ND	ND
Dibenz(A,H)Anthracene	**0.84**	NA	0.059	ND	ND	ND
Indeno(1,2,3-C,D)Pyrene	**3.4**	NA	0.24	0.036	ND	ND
Phenanthrene	**6.7**	NA	0.28 J	0.044 J	ND	ND
Metals						
Arsenic	19	NA	2.9	0.71 J	0.32 J	0.19 J
Lead	39.2	NA	**95.2**	23.8	2.4	1.4
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	43.2	NA	**64.3**	10.1	13.3	25.7	5.4
Zinc	70.1	NA	**159**	21.4	26.5	43.4	12.7

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

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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. FOR SOIL BORINGS WHICH HAD MULTIPLE SAMPLE INTERVALS WHERE THE SOIL SAMPLE PARAMETERS WERE DETECTED BUT NOT AT CONCENTRATIONS THAT EXCEED UUSCOS, RRSCOS, OR PGWSCOS, THE CONCENTRATION WAS PROVIDED. IF NO EXCEEDANCE WAS DETECTED IN ANY SOIL SAMPLE INTERVALS AT A PARTICULAR SOIL BORING, NO DATA BOX IS PROVIDED.

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: 06/02/26
Prepared by: M.S.R.	Scale: AS SHOWN
Project Mgr: L.D.	Project: 3868.0005Y000
File: 3868.0005Y106.10.APRX	

FIGURE 10

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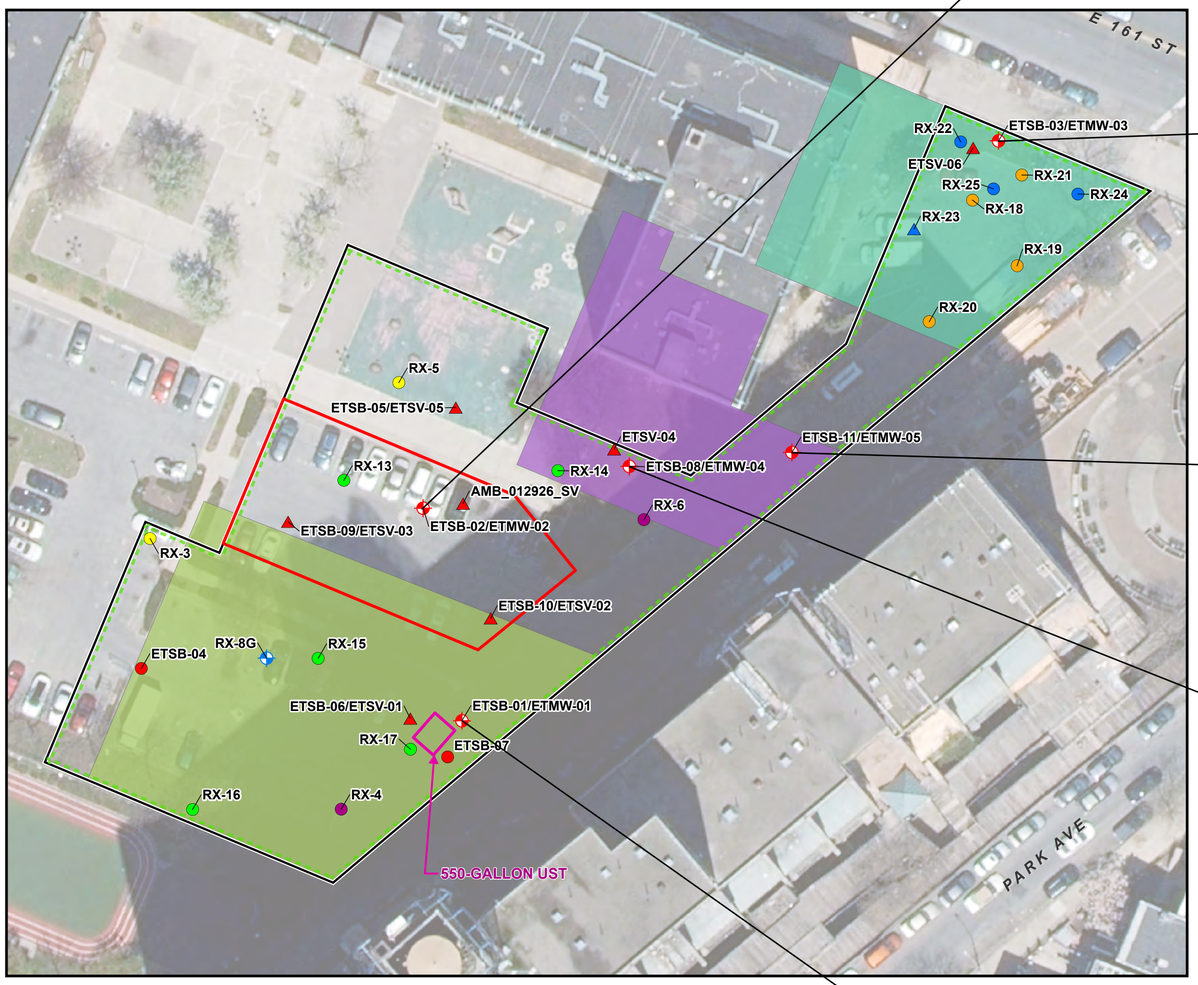

ETMW-02	02/11/2026
Depth to Water (ft bls)	25.28
Depth to Bottom (ft bls)	30.25
Metals, Total	
Iron	**542**
Magnesium	**42000**
Sodium	**107000**
Metals, Dissolved	
Magnesium	**39300**
Sodium	**117000**
PFAS	
Perfluorooctanesulfonic acid (PFOS)	**7.14**
Perfluorooctanoic acid (PFOA)	**24.4**

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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- LOCATION AND DESIGNATION OF SOIL BORING/SOIL VAPOR POINT LOCATION
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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

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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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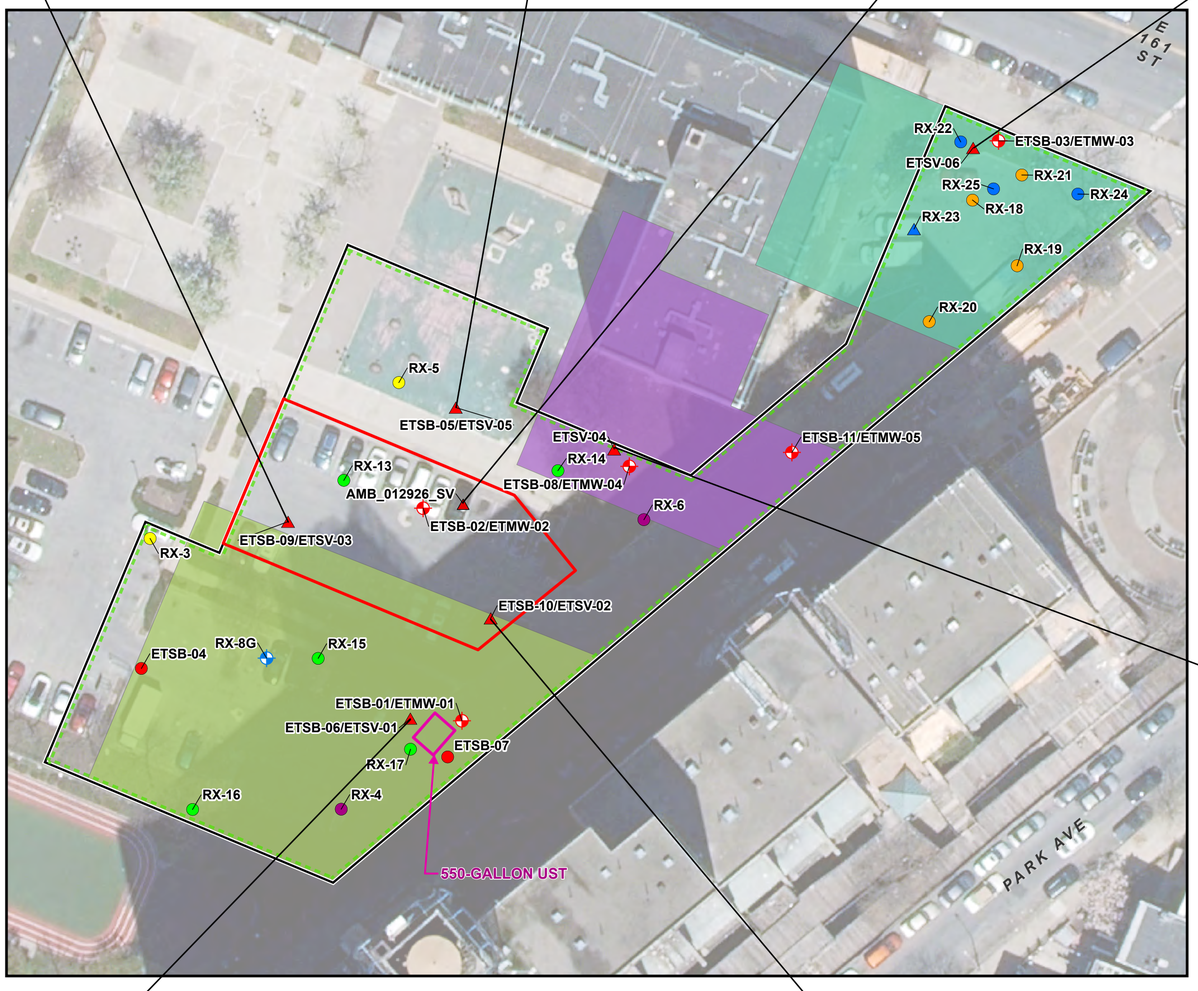
ETSV-03	01/29/2026
Depth (ft bls)	11.5 - 12
VOCs	
1,1,2-Trichloro-1,2,2-Trifluoroethane	**0.45 J**
1,2-Dichlorotetrafluoroethane	ND
2,2,4-Trimethylpentane	ND
Acetone	**49**
Benzene	**0.96**
Butane	**6.1**
Carbon Disulfide	**3.8**
Chloroform	**0.35 J**
Cyclohexane	**0.68 J**
Dichlorodifluoromethane	**5.5**
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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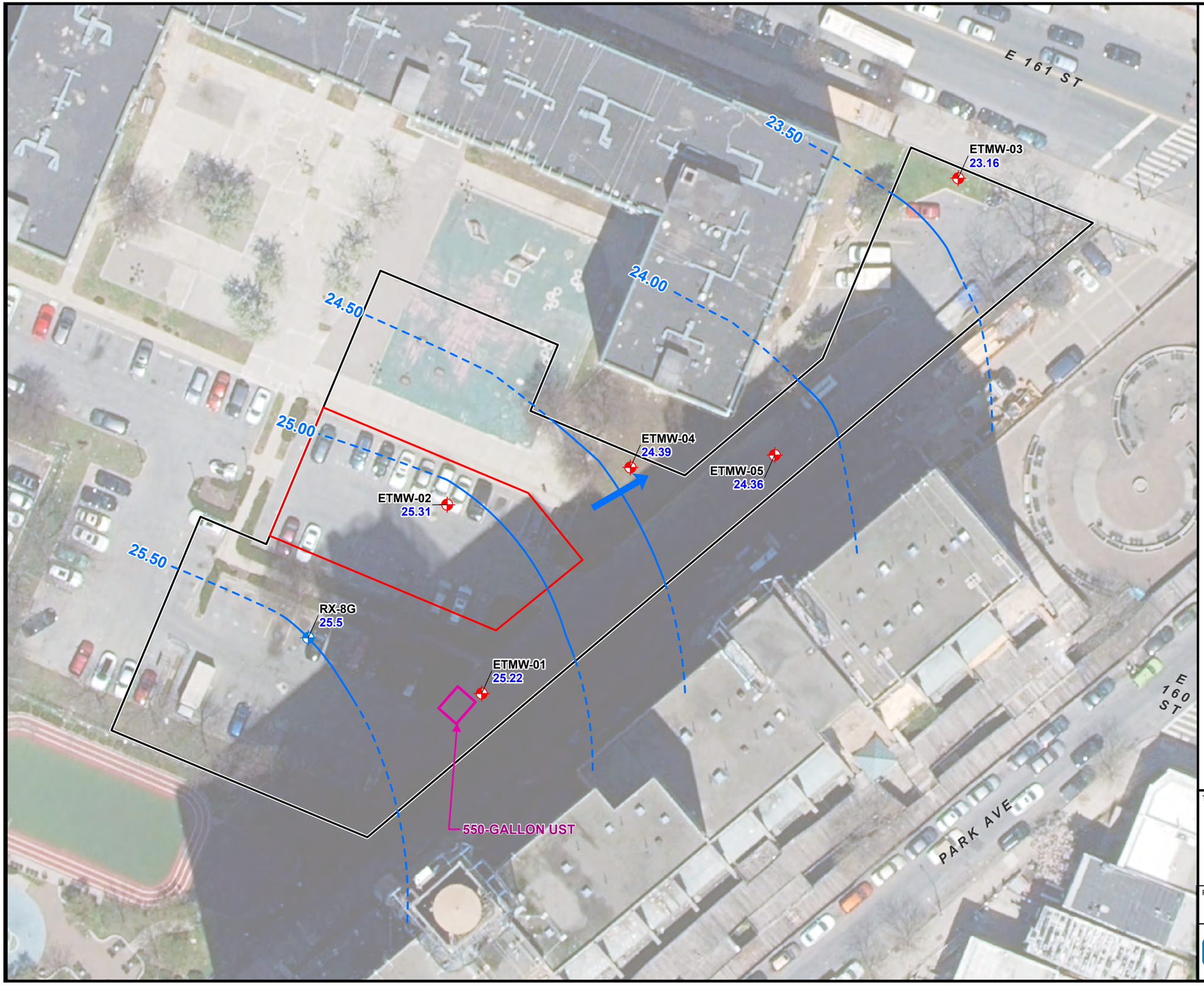

N

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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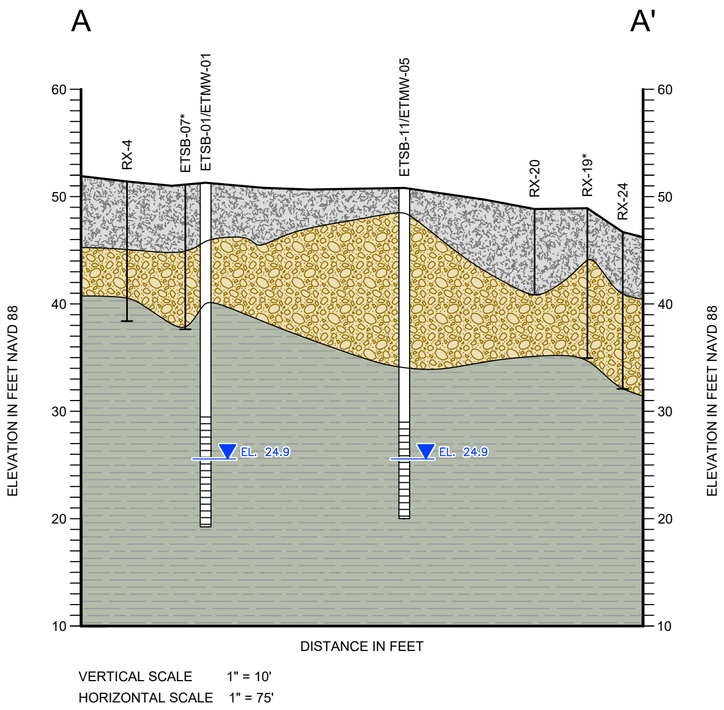
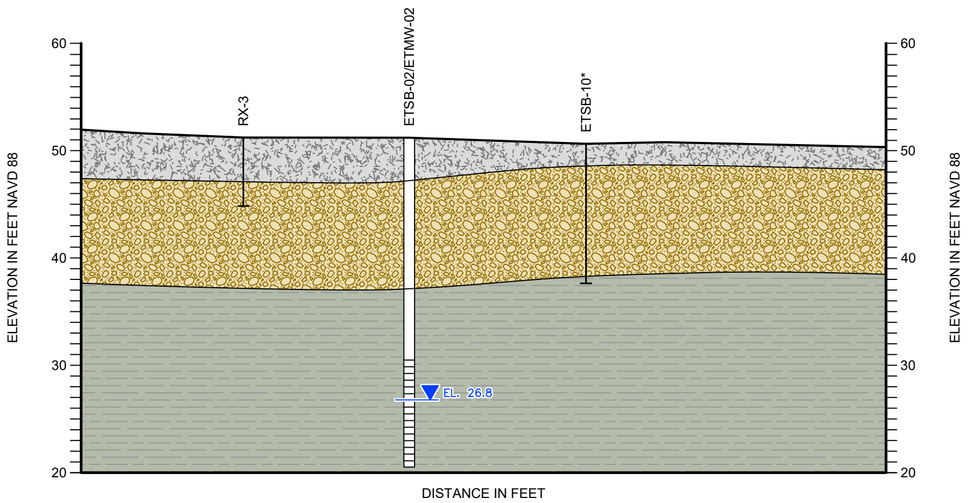


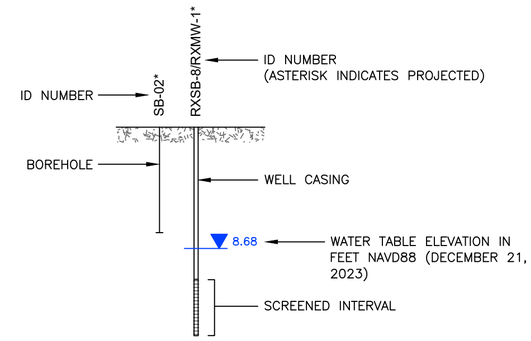
VERTICAL SCALE 1" = 10'
HORIZONTAL SCALE 1" = 75'



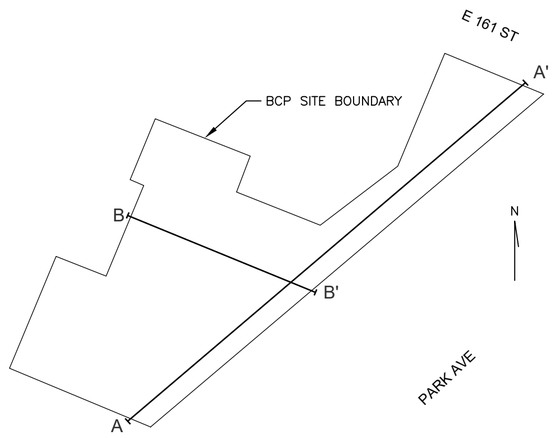
VERTICAL SCALE 1" = 10'
HORIZONTAL SCALE 1" = 20'

LEGEND

- FILL MATERIALS
- BROWN/DARK BROWN SAND WITH SILT/GRAVEL
- WEATHERED BEDROCK



CROSS SECTION LOCATIONS



Title:

CROSS SECTIONS A-A' AND B-B'

310 EAST 161ST STREET
BRONX, NEW YORK 10451

Prepared for:

TEG MORRISANIA DEVELOPMENT LLC

ROUX

Compiled by: P.P.	Date: 5/29/2026	FIGURE
Prepared by: G.M.	Scale: AS SHOWN	14
Project Mgr: L.D.	Project: 3868.0005Y000	
File: 3868.0005Y111.01.DWG		

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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 Reports
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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ISSUE DATE: 07/26/22

PROJECT NO: Project Number

DRAWN BY: Author

CHECKED BY: Checker

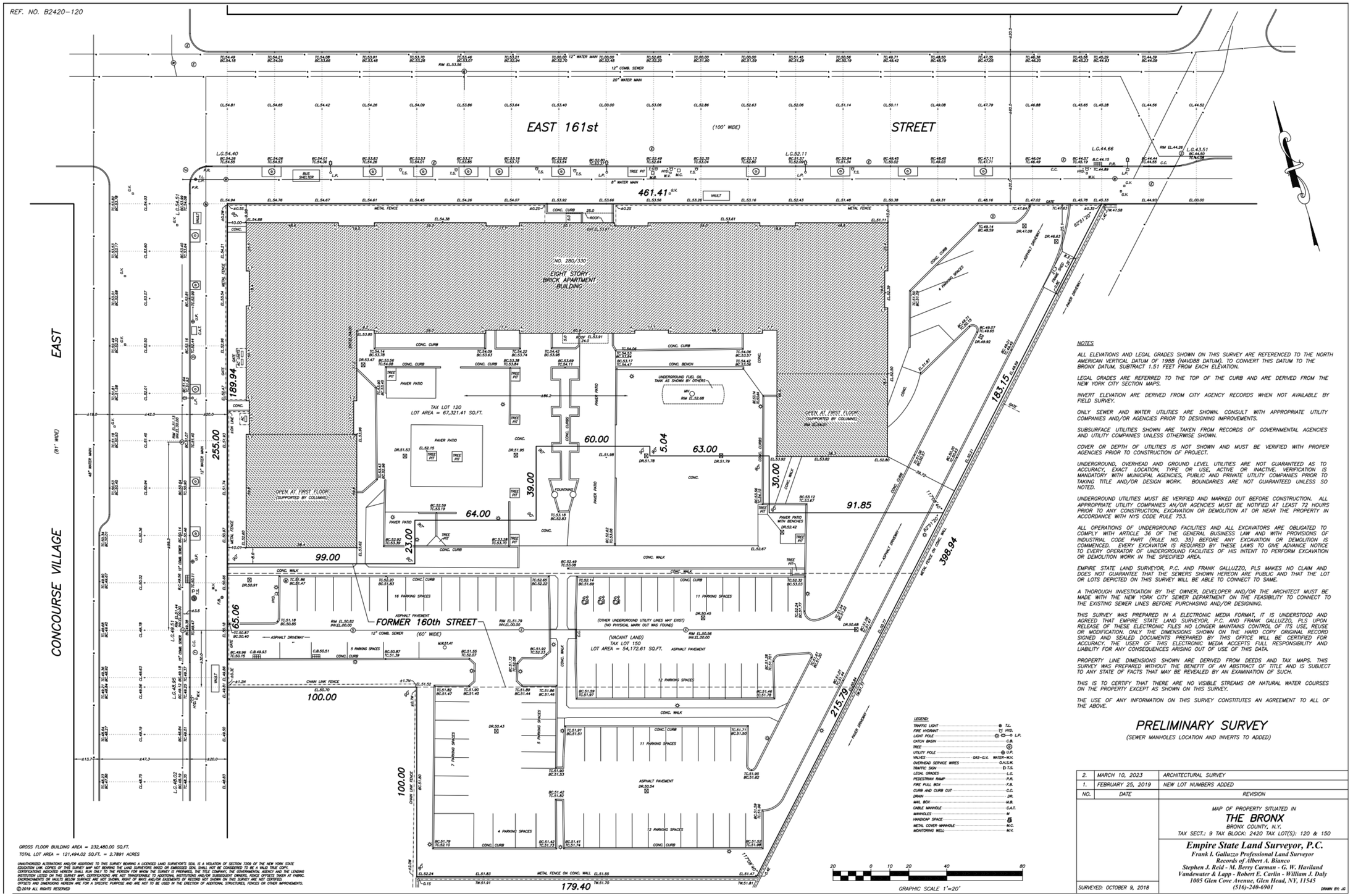
SCALE: 12" = 1'-0"

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	
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	
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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ISSUE DATE: 07/27/22

PROJECT NO: Project Number

DRAWN BY: Author

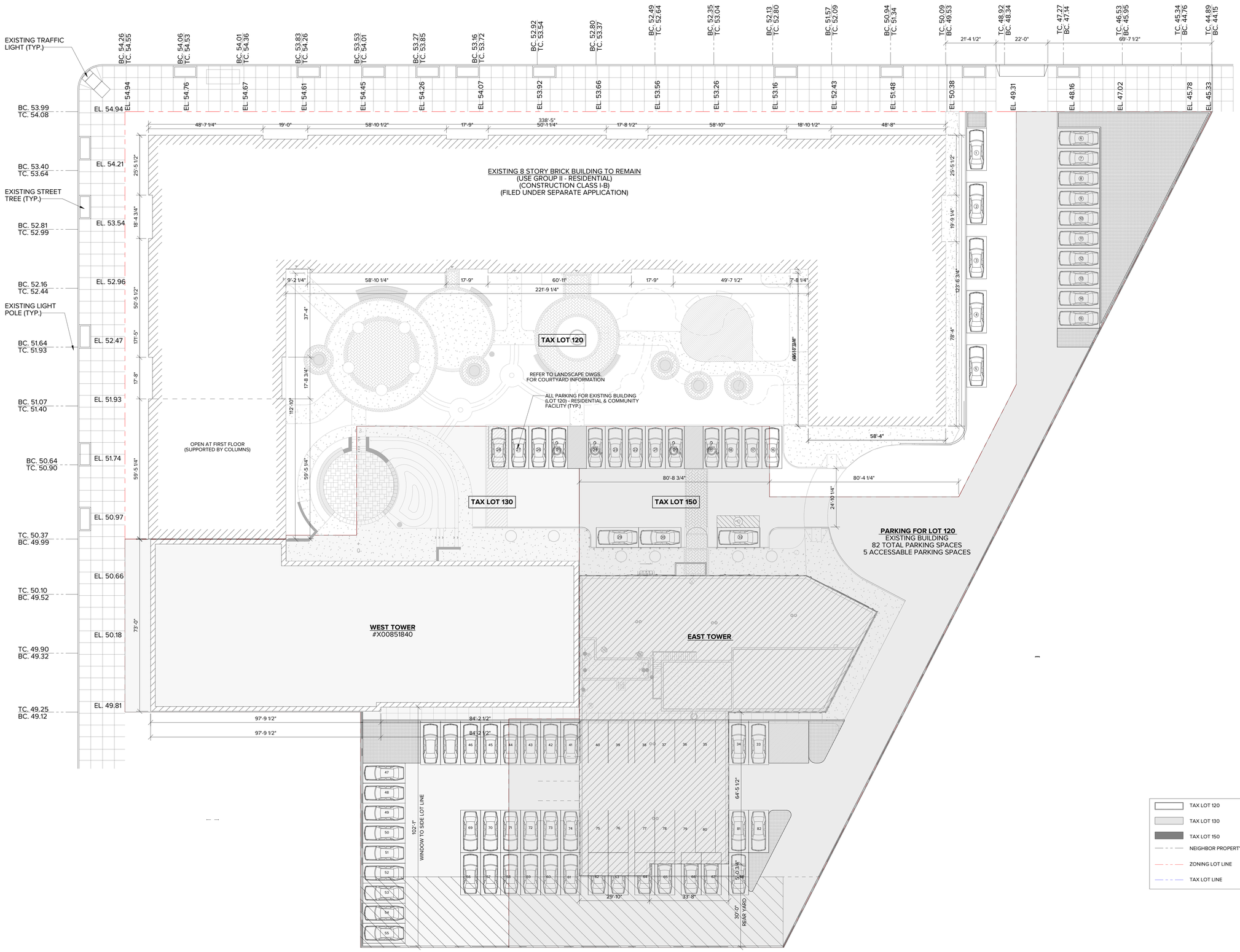
CHECKED BY: Checker

SCALE:

SHEET NO: OF

DRAWING NO: C-001.00

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:
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:

SITE PLAN

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SEAL & SIGNATURE

ISSUE DATE: 07/26/22

PROJECT NO: Project Number

DRAWN BY: Author

CHECKED BY: Checker

SCALE: 1/16" = 1'-0"

SHEET NO: OF

DRAWING NO: C-002.00

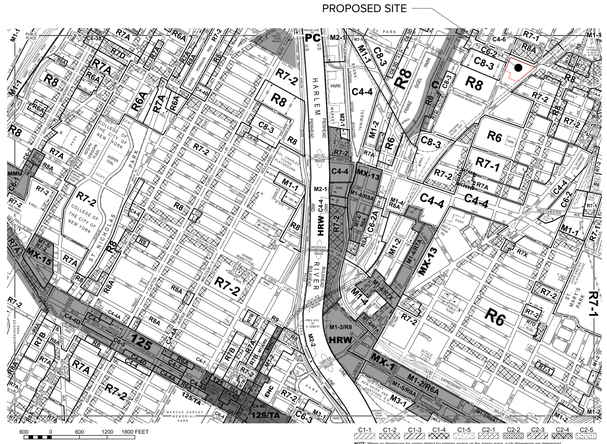
NYC DOB NUMBER: X00945951-I1

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	"HF" 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.					
24-11 24-11	LOT COVERAGE	CORNER LOT 75% INTERIOR LOT 65%	7,500.00 72,471.11		0.00 10,822.48	0.00 10,822.48	OK OK
23-22, 23-24	DENSITY	R8 680	867	204	266 347	817	OK - NON PROFIT W/ SLEEPING OK - RESIDENTIAL
23-45 23-462 23-47	YARD REGULATION	FRONT YARD SIDE YARD REAR YARD	NONE NONE 30'-0"	NONE NONE 30'-0"	NONE NONE 30'-0"		OK OK OK
24-53	HEIGHT & SETBACKS 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
23-62	PERMITTED OBS	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
25-64 (c) 25-253 25-251	ACCESSORY OFF-STREET PARKING USE OF OPEN SPACE FOR PARKING EXISTING RESIDENTIAL PROPOSED RESIDENTIAL	50% GOVERNMENT-ASSISTED D.U. 12% (TRANSIT ZONE)	23,060.51 51 0	81 (EXISTING TO REMAIN)	14,677.73 0		OK OK 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 ON SITE	NO YES		NO YES		OK OK
25-811 25-811	BICYCLE PARKING	RESIDENTIAL 50% COMM. FAC. 1 PER 10,000 SF	329 20		329 20	349	OK OK

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



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

ZONING MAP
THE NEW YORK CITY PLANNING COMMISSION

Major Zoning Classifications:
The numbers(s) and/or letter(s) that follows an **R**, **C** or **M** District designation indicates use, bulk and other controls as described in the text of the Zoning Resolution.

R - RESIDENTIAL DISTRICT
C - COMMERCIAL DISTRICT
M - MANUFACTURING DISTRICT
SPECIAL PURPOSE DISTRICT
The letter(s) within the shaded area designates the special purpose district as described in the text of the Zoning Resolution.
AREA(S) REZONED

Effective Date(s) of Rezoning:
04-26-2022 C 210321 ZMX

Special Requirements:
For a list of lots subject to CEQR environmental requirements, see APPENDIX C.
For a list of lots subject to "D" restrictive declarations, see APPENDIX D.
For Inclusionary Housing designated areas and Mandatory Inclusionary Housing areas on this map, see APPENDIX F.

MAP KEY

	3b	3d
5c	**6a**	6c
5d	6b	6d

ZONING MAP 6a

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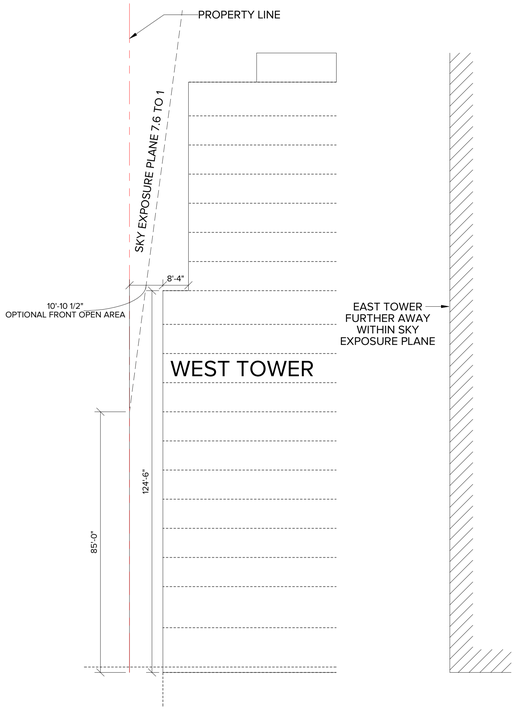
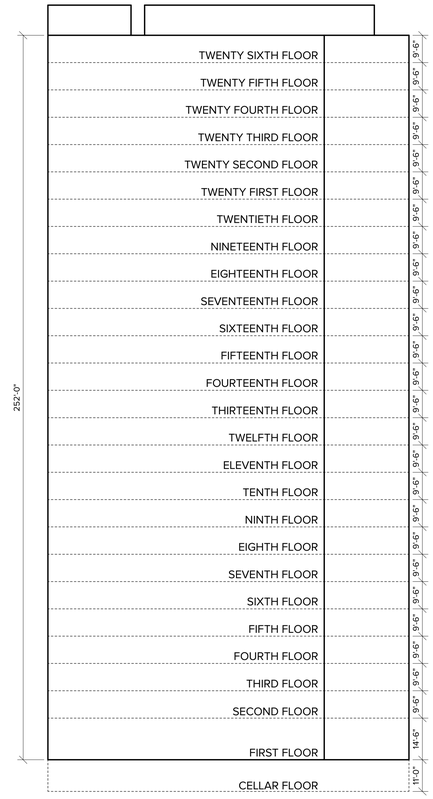
NOTE: Zoning information as shown on this map is subject to change. For the most up-to-date zoning information for this map, visit the Zoning section of the Department of City Planning website: www.nyc.gov/planning or contact the Zoning Information Desk at (212) 720-3291

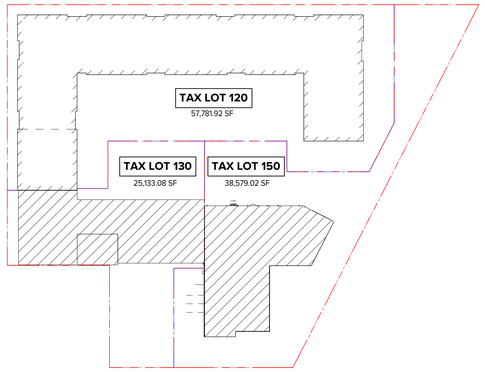
NOTE: Where no dimensions for zoning district boundaries appear on the zoning maps, such dimensions are determined in Article VII, Chapter 8 (Location of District Boundaries) of the Zoning Resolution.



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 + UGIIA)
RESIDENTIAL + PROPOSED UGIIA 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:

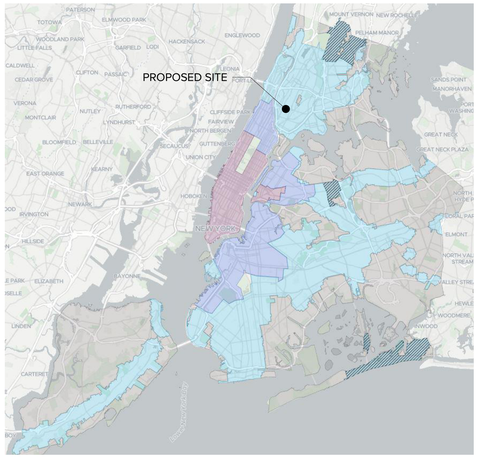
TOTAL DEVELOPMENT TOTAL LOT COVERAGE
"H" 701,651.70 SF / "B" 40,908.48 SF => HF OF 17.15

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



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

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
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New York, NY 10005
212.532.2211

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EP ENGINEERING ASSOCIATES:
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PHILIP HABIB & ASSOCIATES:
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09/15/2025	ISSUED TO DOB
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SHEET TITLE:

ZONING

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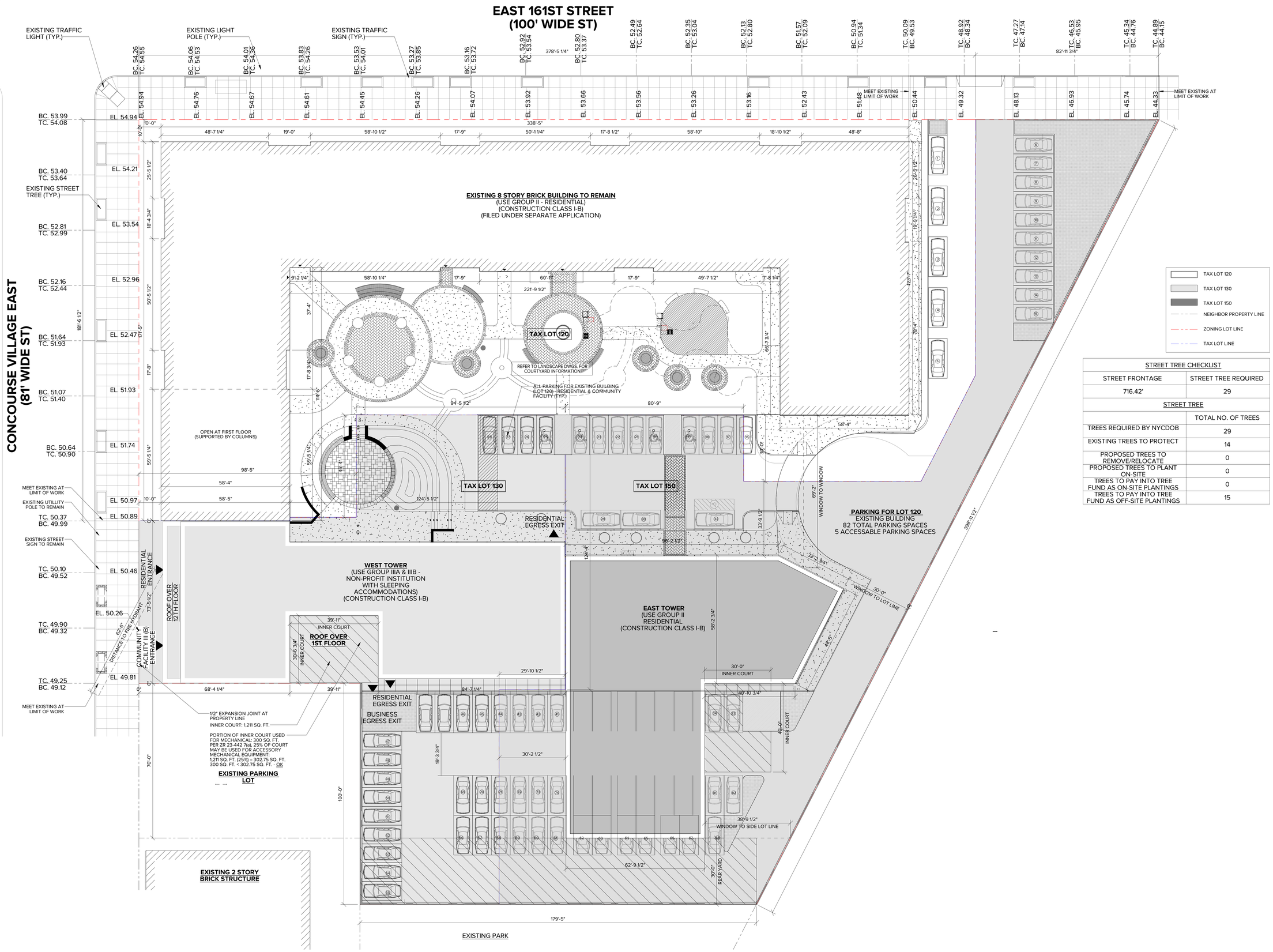
SEAL & SIGNATURE

ISSUE DATE: 07/27/22
PROJECT NO: Project Number
DRAWN BY: Author
CHECKED BY: Checker
SCALE: As indicated
SHEET NO: OF
DRAWING NO: Z-001.00

NYC DOB NUMBER: X00945951-I1



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

1 ZONING PLOT PLAN
Z-002 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
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ZONING PLOT PLAN

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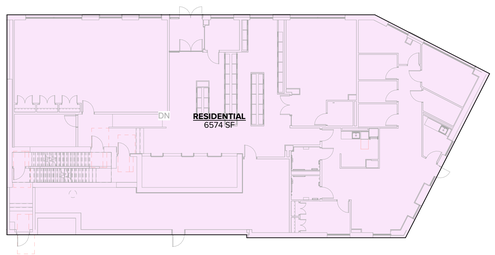
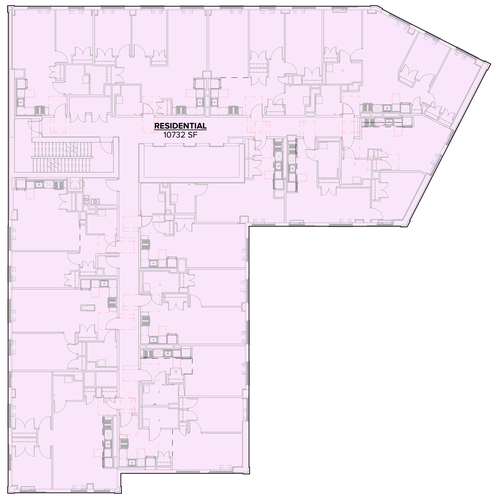
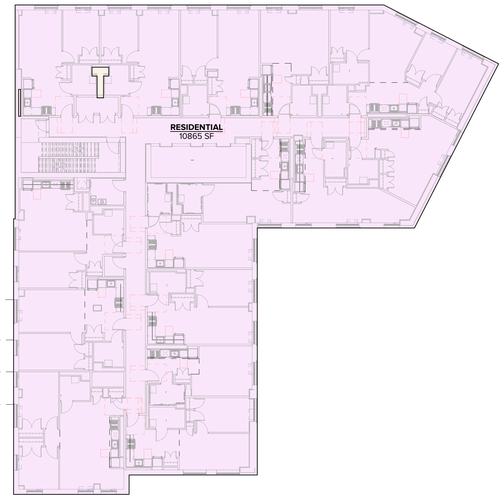


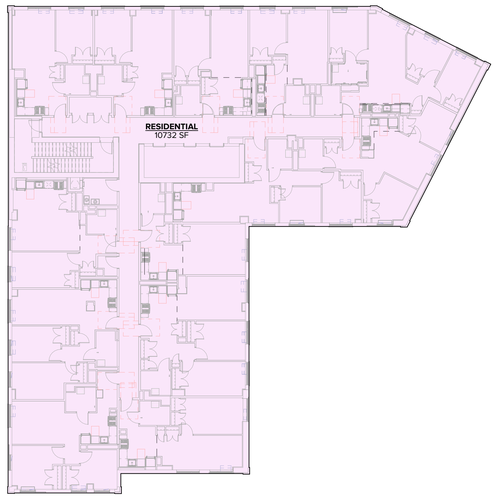
1ST FLOOR - ZONING FLOOR AREA
1/16" = 1'-0"



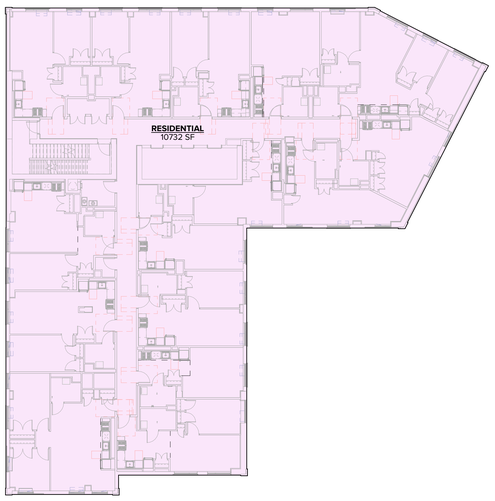
10TH-15TH FLOOR - ZONING FLOOR AREA
1/16" = 1'-0"



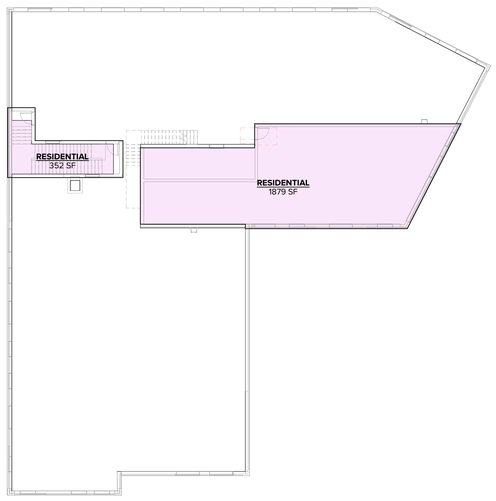
2ND FLOOR - ZONING FLOOR AREA
1/16" = 1'-0"



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

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:

ZONING FLOOR AREAS

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SEAL & SIGNATURE

ISSUE DATE: 07/27/22

PROJECT NO: Project Number

DRAWN BY: Author

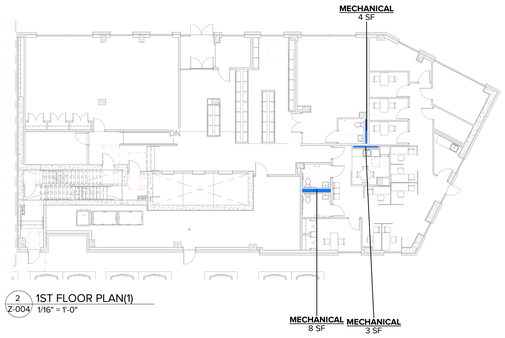
CHECKED BY: Checker

SCALE: 1/16" = 1'-0"

SHEET NO: OF

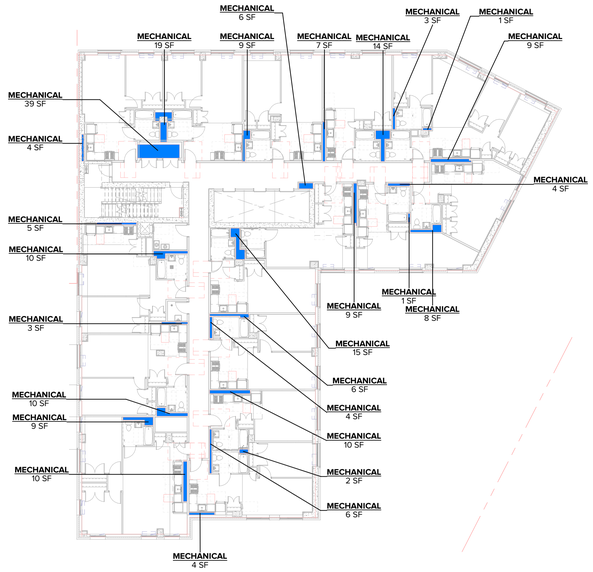
DRAWING NO: Z-003.00

NYC DOB NUMBER: X00945951-I1



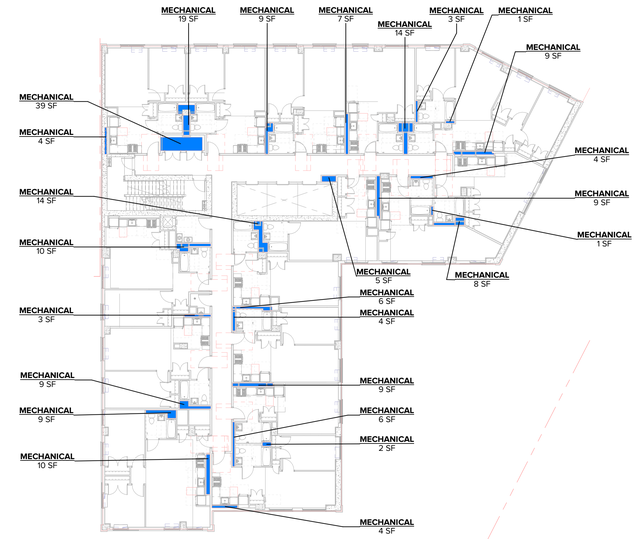
2 Z-004 1ST FLOOR PLAN(1)
1/16" = 1'-0"

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



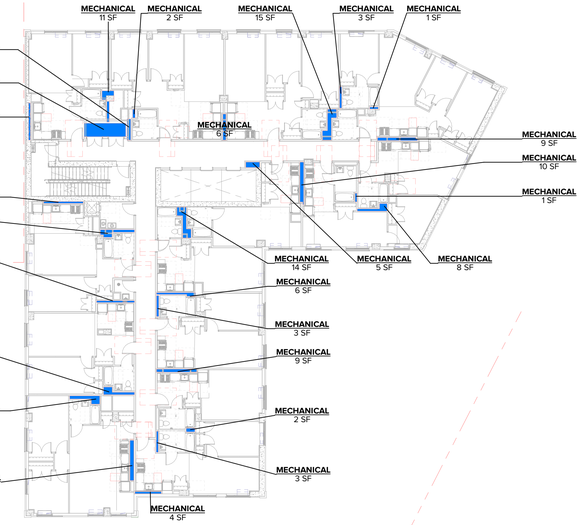
4 Z-004 2nd Floor(1)
1/16" = 1'-0"

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



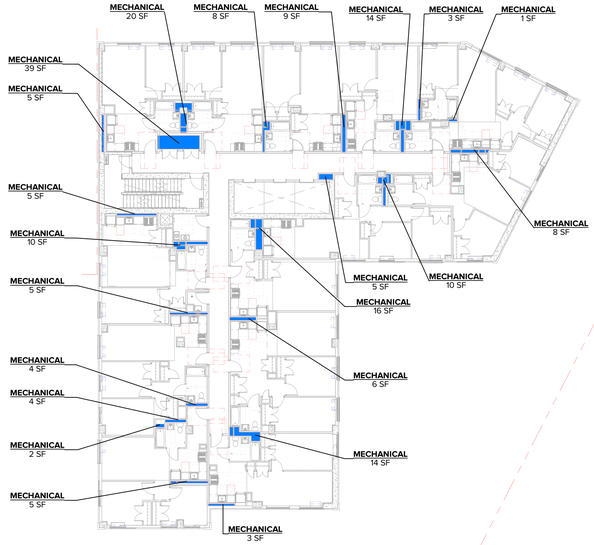
3 Z-004 3rd Floor - 9th floor plans
1/16" = 1'-0"

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



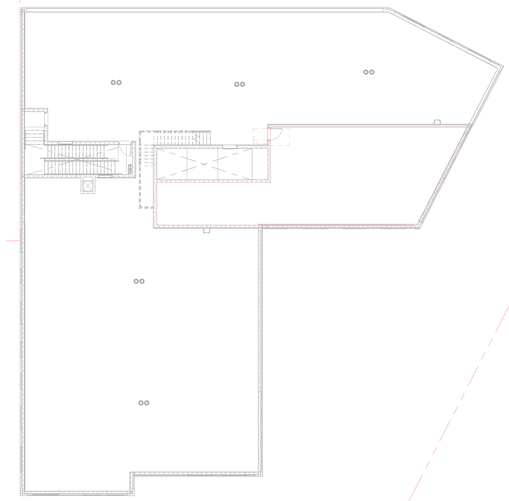
5 Z-004 10th - 15th Floor Plans
1/16" = 1'-0"

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:
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Civil Engineer
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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

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PROJECT NO: Project Number
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CHECKED BY: Checker
SCALE: 1/16" = 1'-0"
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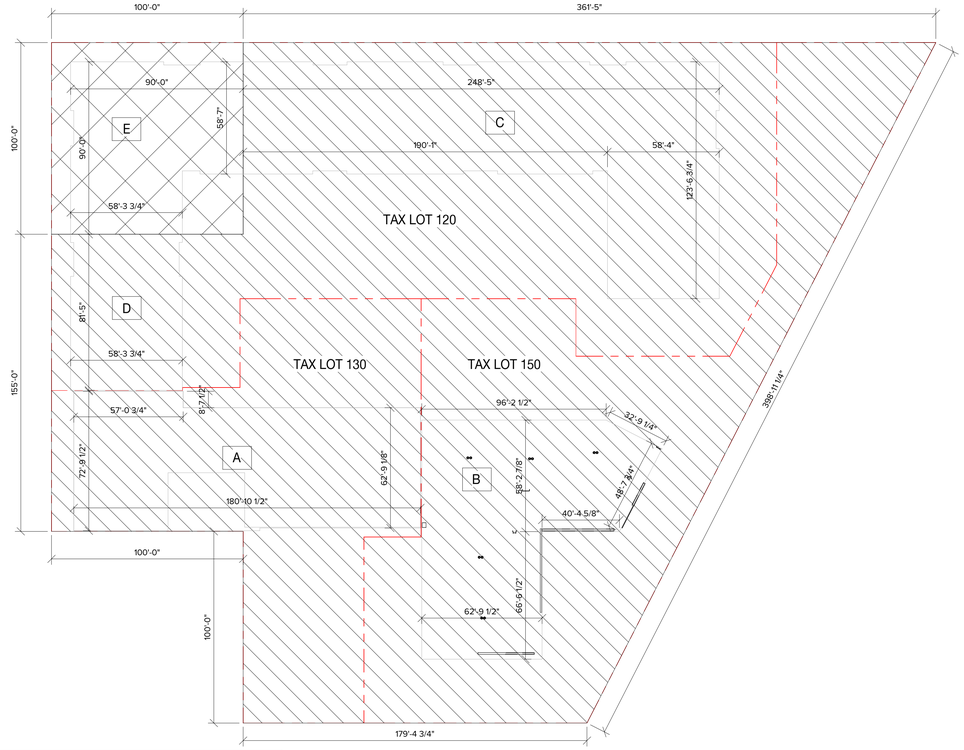
DRAWING NO: Z-004.00

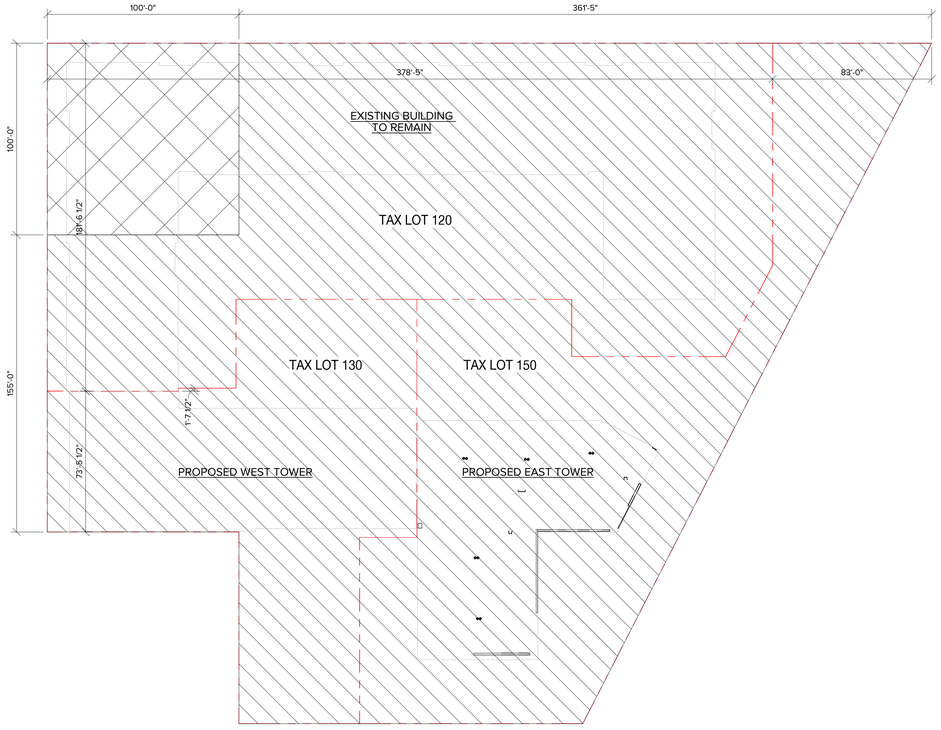
NYC DOB NUMBER: X00945951-I1



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"

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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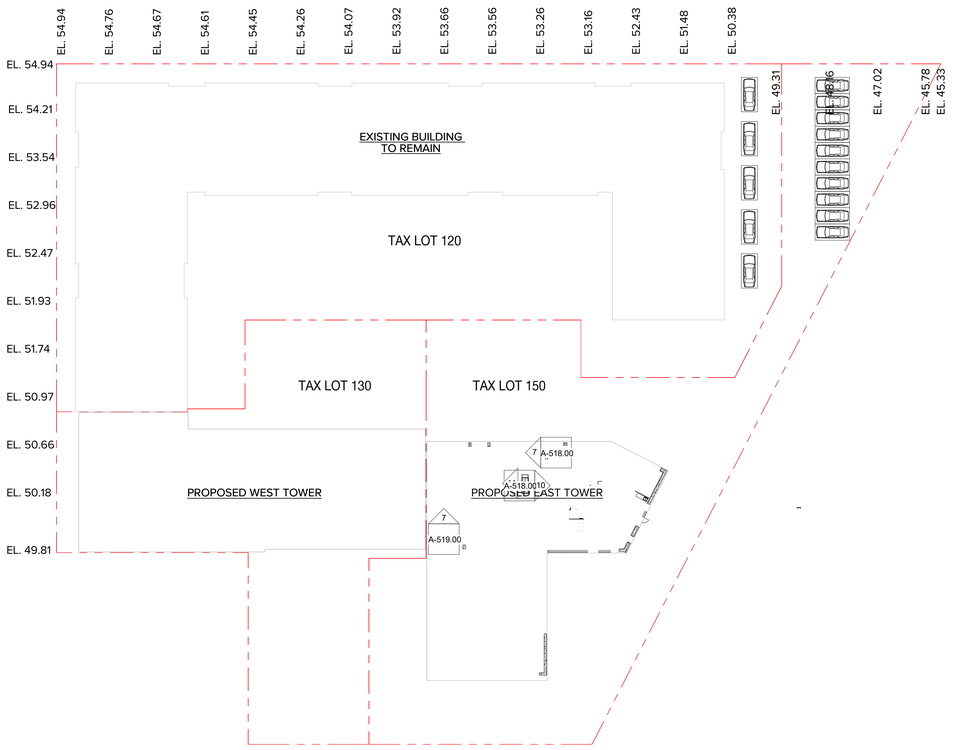
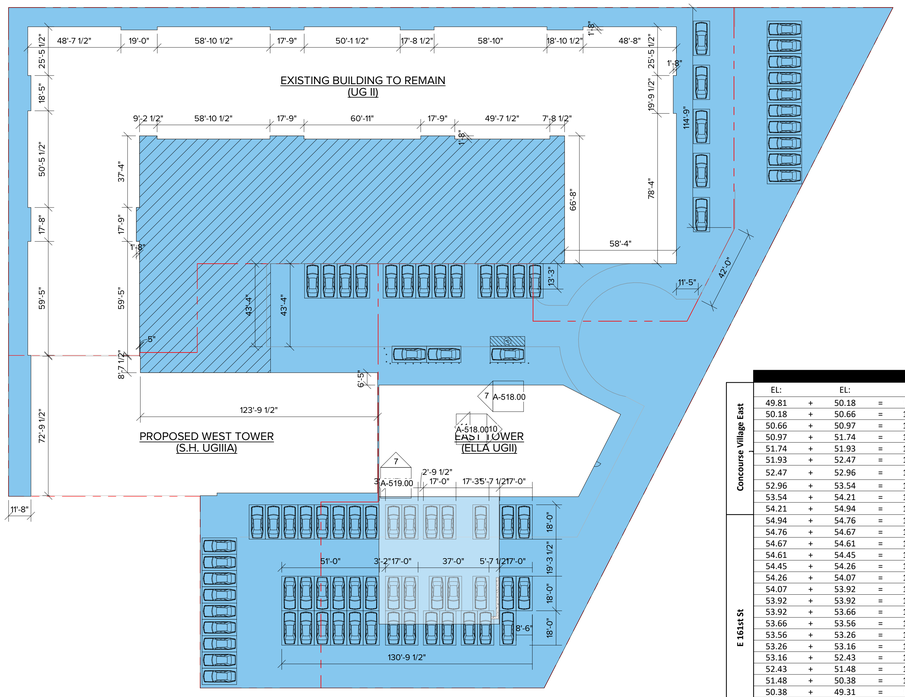


1 Z-005 1ST FLOOR
1/32" = 1'-0"



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

	EL:		EL:			AVG. EL:		DIST.		
Concourse Village East	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

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:

LOT COVERAGE , PARKING DIAGRAM, AND BASE PLANE CALCULATIONS

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SEAL & SIGNATURE

ISSUE DATE: 07/27/22
PROJECT NO: Project Number
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CHECKED BY: Checker
SCALE: As indicated
SHEET NO: OF

DRAWING NO: Z-005.00

NYC DOB NUMBER: X00945951-I1

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		MEDIUM
BD	BOARD	MED	MEMBRANE
BLDG	BUILDING	MEMB	METAL
BLKG	BLOCKING	MTL	MEZZANINE
BM	BEAM	MEZZ	MANHOLE
BOT	BOTTOM	MH	MINIMUM
BRG	BEARING	MIN	MISCELLANEOUS
BTW	BETWEEN	MISC	MASONRY OPENING
		MO	MOUNTED
CC	CUBIC CENTIMETER	MTD	
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	POINT
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 ENERPOOF 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, ETC.
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 PROTECTION

GENERAL ACCESSIBILITY

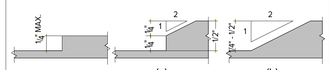
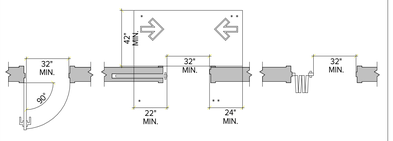


Fig 303.2 VERTICAL

Fig 303.3 BEVELED

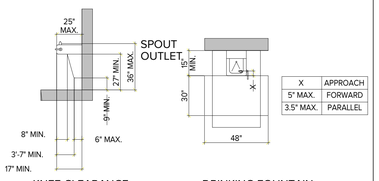
CHANGES IN ELEVATION



(a) HINGED DOOR

(b) SLIDING POCKET DOOR

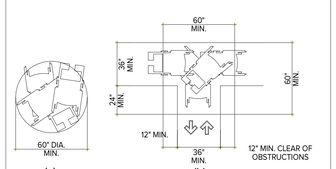
(c) FOLDING DOOR



KNEE CLEARANCE
Fig 306.2 & 306.3

DRINKING FOUNTAIN
Fig 602.5

DRINKING FOUNTAIN

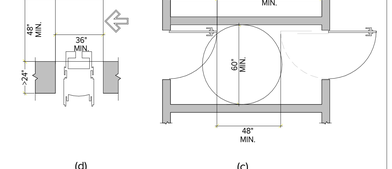


(a) CIRCULAR

(b) T-SHAPED

Fig 304.3

SIZE OF TURNING SPACE



(d) OPENINGS WITHOUT DOORS

(c) TWO DOORS IN A SERIES

Fig 404.2.2 & 404.2.5

CLEAR WIDTH OF DOORWAYS

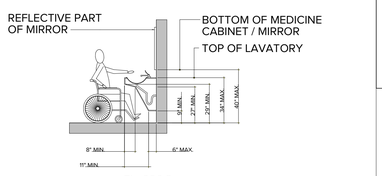
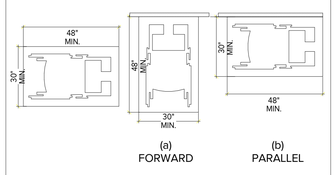


Fig 606.3

HEIGHT OF LAVATORIES & SINKS

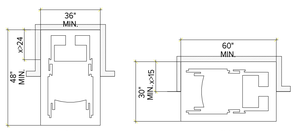


(a) FORWARD

(b) PARALLEL

Fig 305.3 SIZE OF CLEAR FLOOR SPACE

Fig 305.5 APPROACH



(a) FORWARD APPROACH

(b) PARALLEL APPROACH

MANEUVERING CLEARANCE IN AN ALCOVE
Fig 305.7

CLEAR FLOOR SPACES AND APPROACH

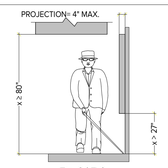


Fig 307.2

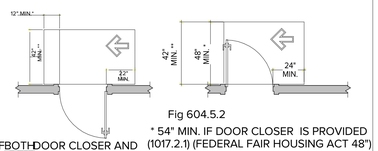
LIMITS OF PROTRUDING OBJECTS

(a) FRONT APPROACH, PULL SIDE

FRONT APPROACH, PUSH SIDE

(d) HINGE APPROACH, PULL SIDE

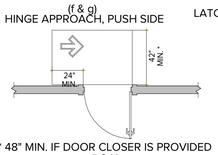
(e) HINGE APPROACH, PULL SIDE



* IF BOTH DOOR CLOSER AND LATCH ARE PROVIDED
** 48" MIN. IF BOTH DOOR CLOSER AND LATCH PROVIDED (f & g)
HINGE APPROACH, PUSH SIDE

* 54" MIN. IF DOOR CLOSER IS PROVIDED (1017.2.1) (FEDERAL FAIR HOUSING ACT 48")
** 42" MIN. @ TOILET COMP. STALLS (1107.2.1) 4'-0" FAIR HOUSING ACT (h & i)
LATCH APPROACH, PULL SIDE

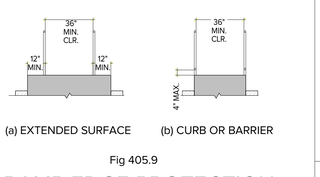
Fig 604.5.2



* 48" MIN. IF DOOR CLOSER IS PROVIDED (j & k)
LATCH APPROACH, PUSH SIDE

Fig 404.2.3.1

MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS

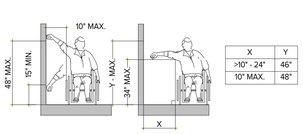


(a) EXTENDED SURFACE

(b) CURB OR BARRIER

Fig 405.9

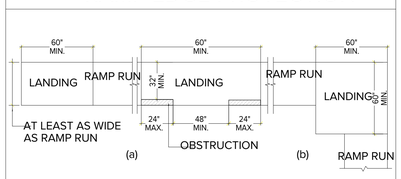
RAMP EDGE PROTECTION



UNOBSTRUCTED SIDE REACH
Fig 308.3.1

OBSTRUCTED HIGH SIDE REACH
Fig 308.3.2

UNOBSTRUCTED & OBSTRUCTED REACHES



(a)

(b)

Fig 405.7

RAMP LANDINGS

(a) CENTERED DOOR LOCATION

(b) SIDE (OFF-CENTERED DOOR) LOCATION

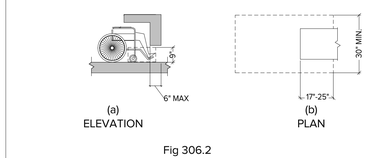
* ALTERNATE LOCATIONS OF PANEL WITH SIDE OPENING DOOR

3500 # GEARED TRACTION ELEVATOR (MIN.)

2500 # GEARED TRACTION ELEVATOR (MIN.)

Fig 407.4.1

DIMENSIONS OF ELEVATOR CAB AND PANEL

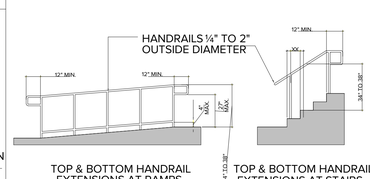


(a) ELEVATION

(b) PLAN

Fig 306.3

KNEE CLEARANCE



TOP & BOTTOM HANDRAIL EXTENSIONS AT RAMPS
Fig 505.10.1

TOP & BOTTOM HANDRAIL EXTENSIONS AT STAIRS
Fig 505.10.2 & 505.10.3

HANDRAIL EXTENSION

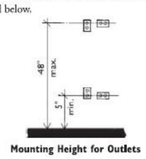
ICC/ANSI

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

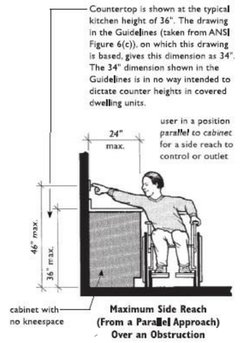
FHA DESIGN MANUAL (WHERE APPLICABLE)

Mounting Locations for Outlets

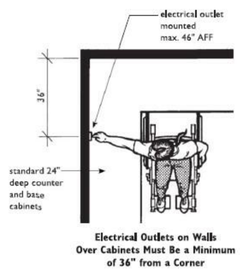
For accessible controls and outlets, all operable parts must be within the ranges specified above. When electrical outlets are installed horizontally or vertically, duplex outlets must have both receptacles within the reach range. Measurements are made as illustrated below.



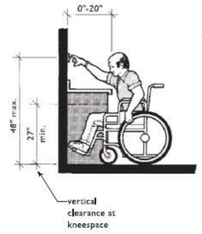
Mounting Height for Outlets

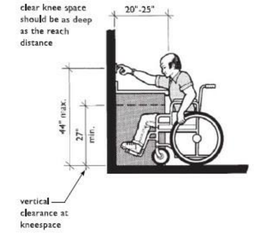


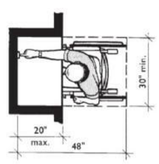
Maximum Side Reach (From a Parallel Approach) Over an Obstruction

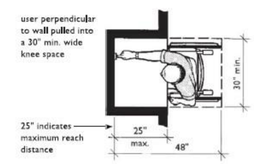


Electrical Outlets on Walls Over Cabinets Must Be a Minimum of 36" from a Corner



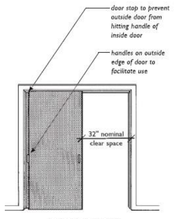




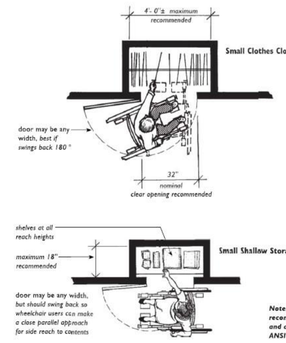


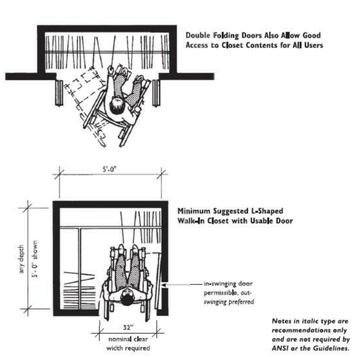
Maximum Forward Reach (From a Perpendicular Approach) over an Obstruction

ELECTRICAL OUTLETS AND SWITHCES



Usable Sliding Door

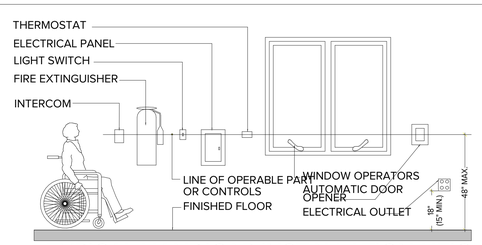




3.15

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

SHEET TITLE:

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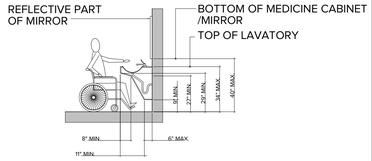
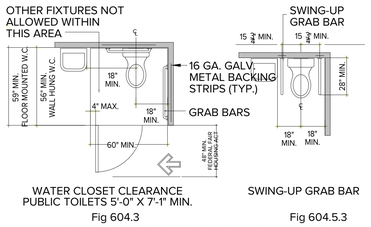


Fig 606.3

HEIGHT OF LAVATORIES & SINKS



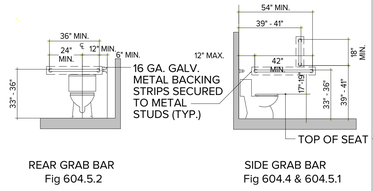
WATER CLOSET CLEARANCE
PUBLIC TOILETS 5'-0" X 7'-1" MIN.

Fig 604.3

SWING-UP GRAB BAR

Fig 604.5.3

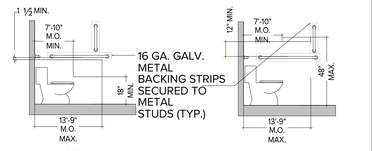
WATER CLOSET CLEARANCE



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

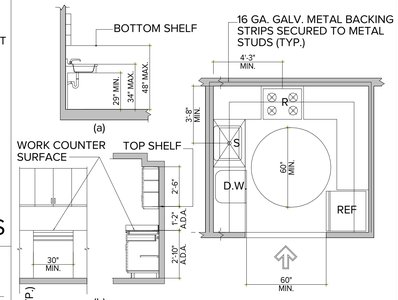
DISPENSER LOCATION

(a) WALL HUNG TYPE

(b) STALL TYPE

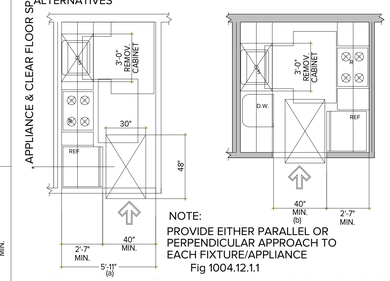
Fig 605.2

HEIGHT OF URINALS



CABINETS AND BASE REMOVED AND CHEIGHT ALTERNATIVES

Fig 1004.12.1.2



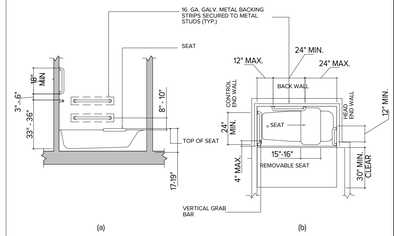
NOTE:
PROVIDE EITHER PARALLEL OR PERPENDICULAR APPROACH TO EACH FIXTURE/APPLIANCE

Fig 1004.12.1.1

KITCHEN HEIGHT REQUIREMENTS & MINIMUM KITCHEN CLEARANCE

Fig 607.4.1

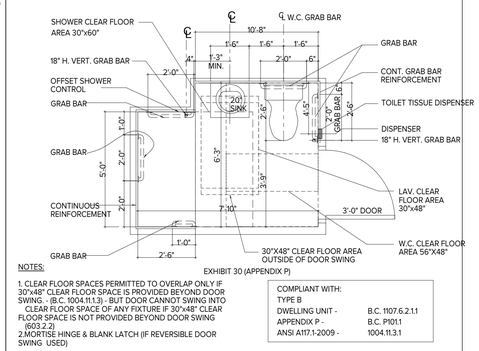
GRAB BARS FOR BATHTUBS WITH PERMANENT SEATS



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

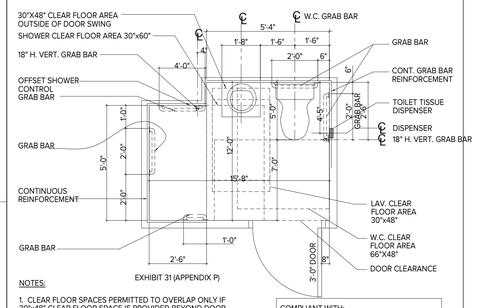


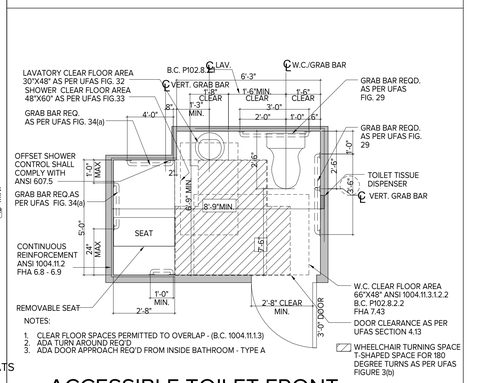
EXHIBIT 31 (APPENDIX P)

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:

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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:

ACESSIBILITY DIAGRAM

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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-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

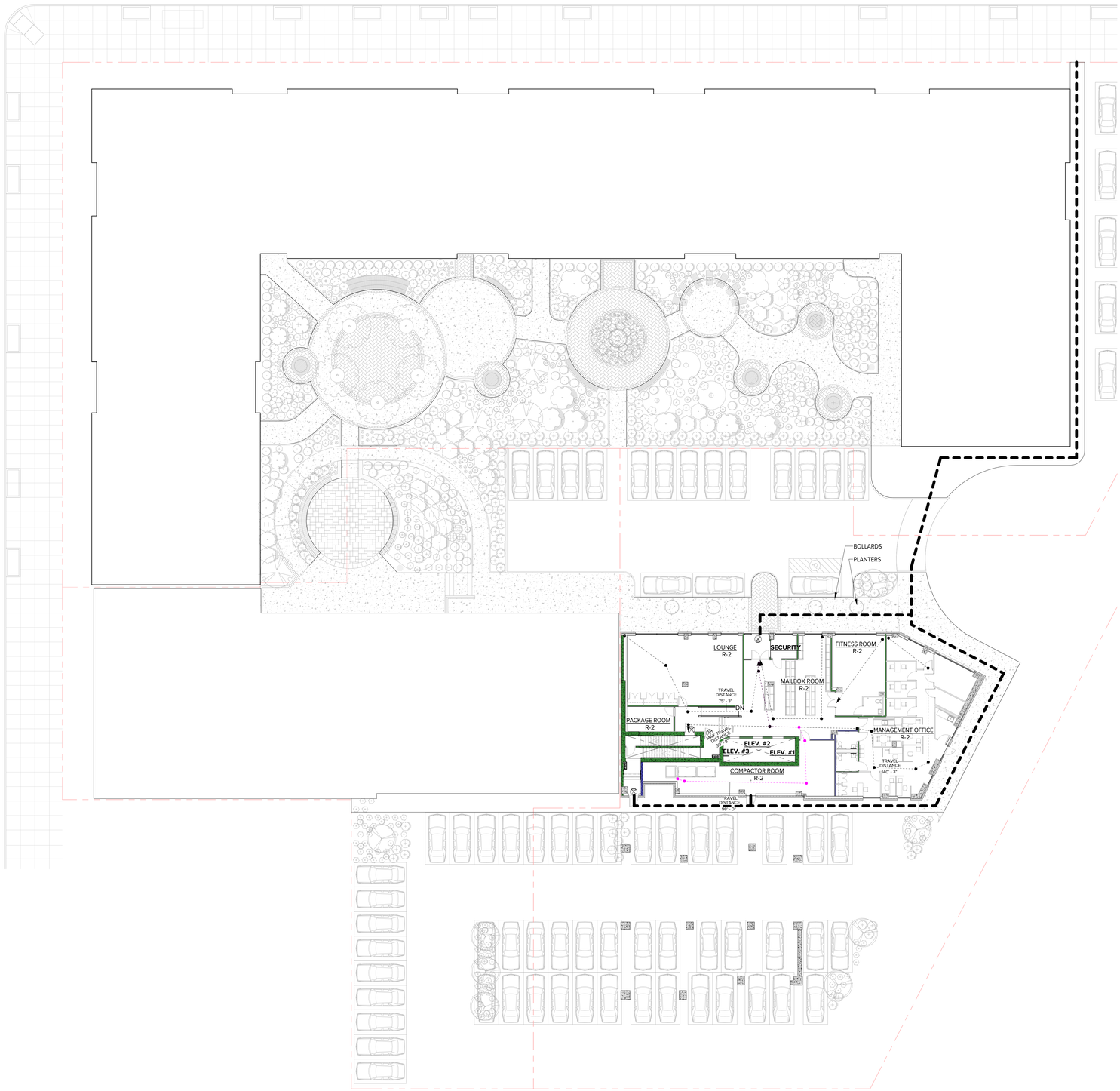
TABLE 1020.1.1 OR 1020.1.2

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:
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Bronx, NY 10451

Structural Engineer
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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

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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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-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.

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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

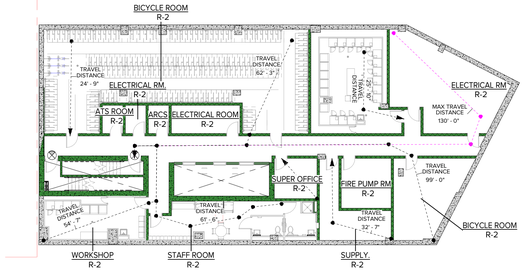
TABLE 1020.1.1 OR 1020.1.2

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.

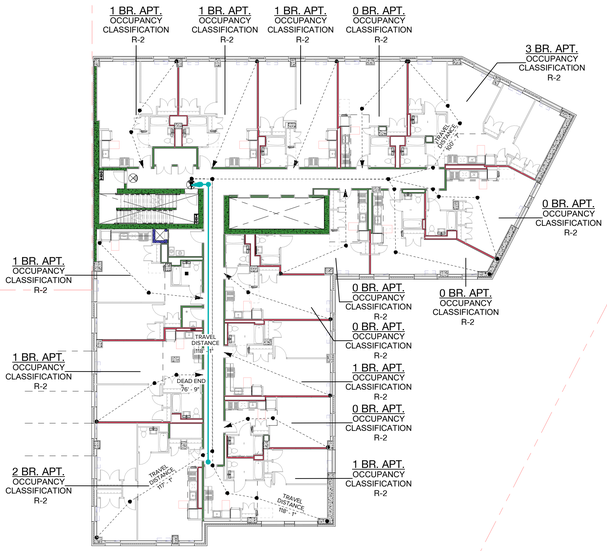
EXCEPTION:

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:

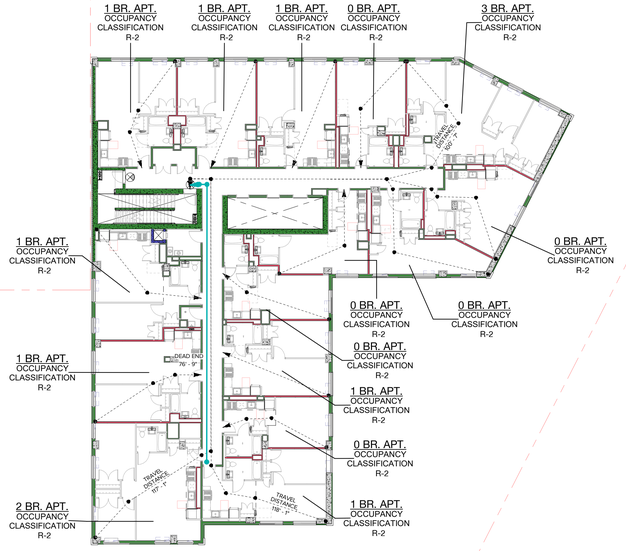
2. IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1, EXIT ACCESS STAIRWAYS AND RAMPS THAT SERVE BETWEEN ONLY THE FIRST AND SECOND STORIES ABOVE GRADE, PROVIDED THE FIRST AND SECOND STORIES HAVE ACCESS TO THE MINIMUM NUMBER OF APPROVED INDEPENDENT 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

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:

EGRESS

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DRAWN BY: Author CHECKED BY: Checker

SCALE: As indicated SHEET NO: OF

DRAWING NO: A-006.00

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

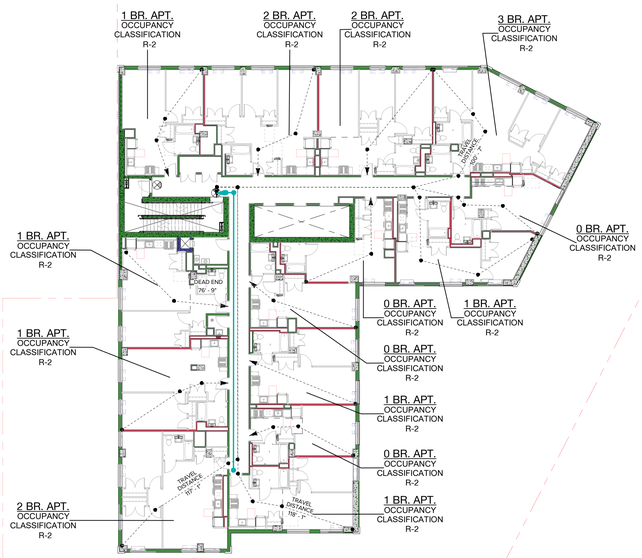
TABLE 1020.1.1 OR 1020.1.2

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.



1 A-007 10th - 15th 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

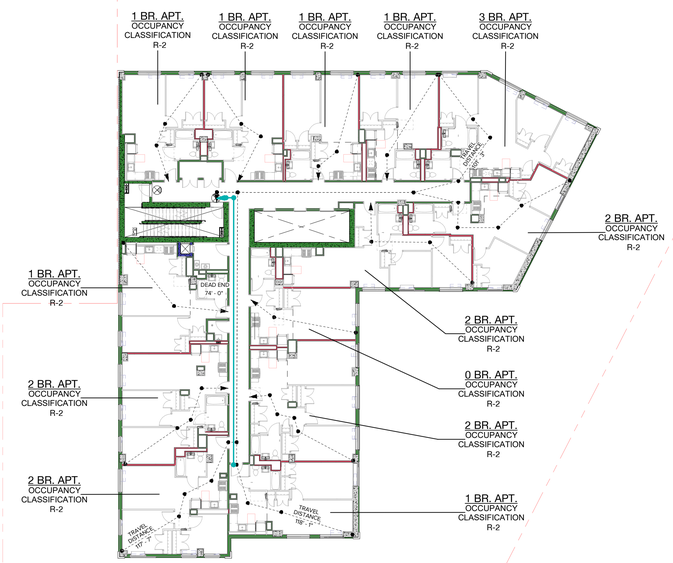
MINIMUM WIDTH OF EGRESS			
	NYC BUILDING CODE SECTION	MIN REQUIRED (in.)	PROVIDED (in)
STAIRWAYS	1011.2	44"	44"
CORRIDORS	1020.2	44"	48" - 60"

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

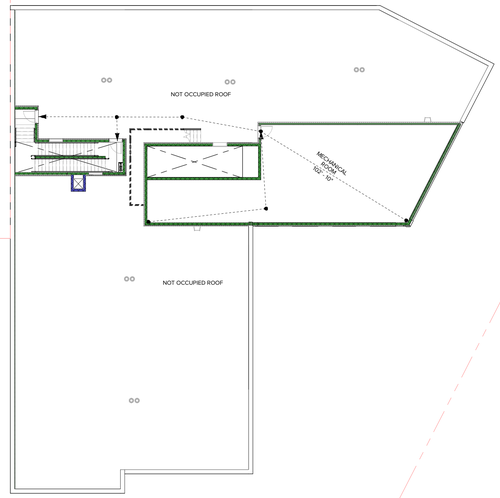
* DEAD END IN R-2 OCCUPANCY SHALL NOT EXCEED 80' ALL FLOORS COMPLY - BC 1020.4 EXCEPTION 4

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



2 A-007 16th Floor to 26th
1/16" = 1'-0"



3 A-007 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

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:

EGRESS

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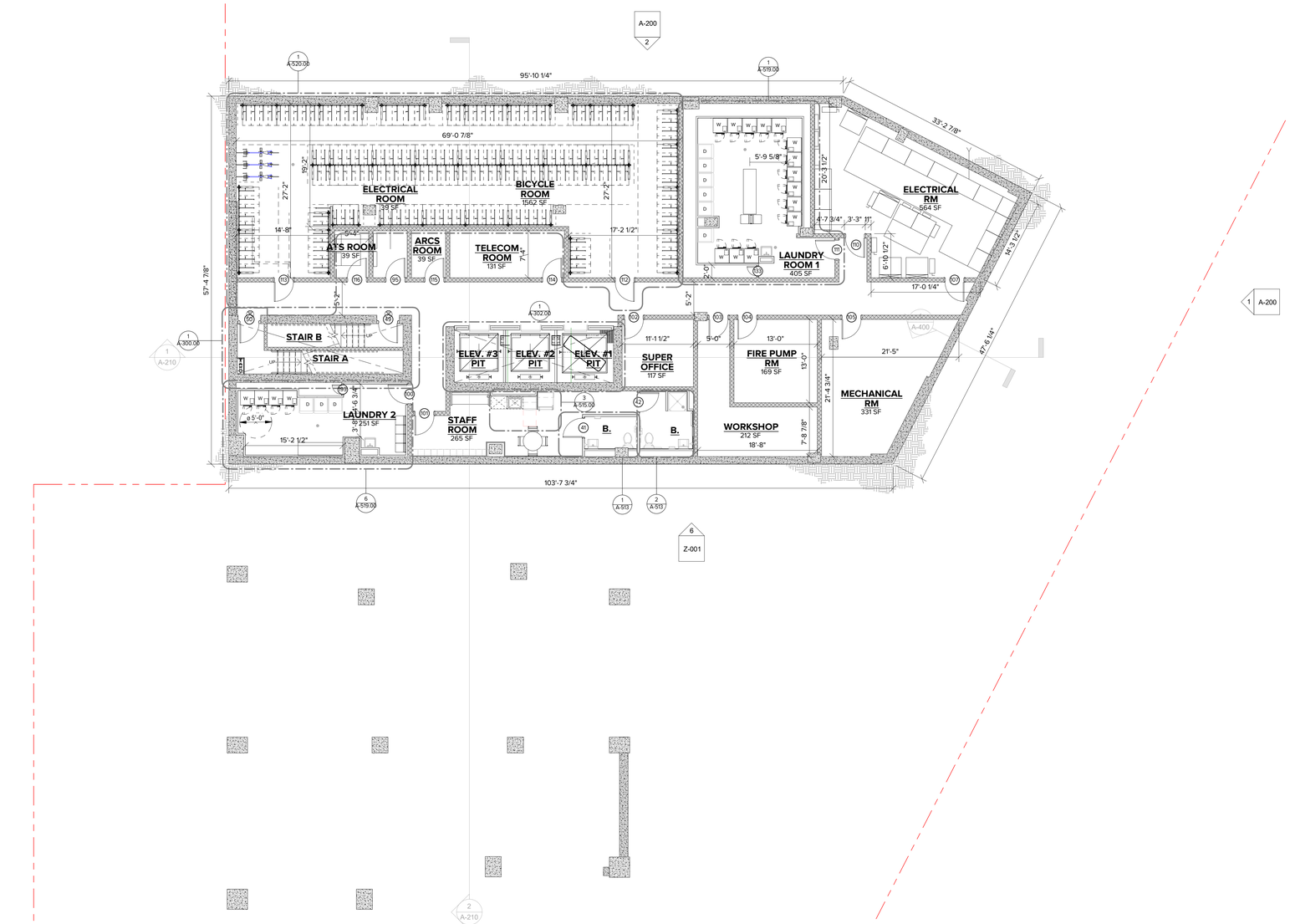

1 CELLAR PLAN
A-100 1/8" = 1'-0"

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/ 1-1/2" 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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ISSUE DATE: 05/05/23
PROJECT NO: Project Number
DRAWN BY: Author
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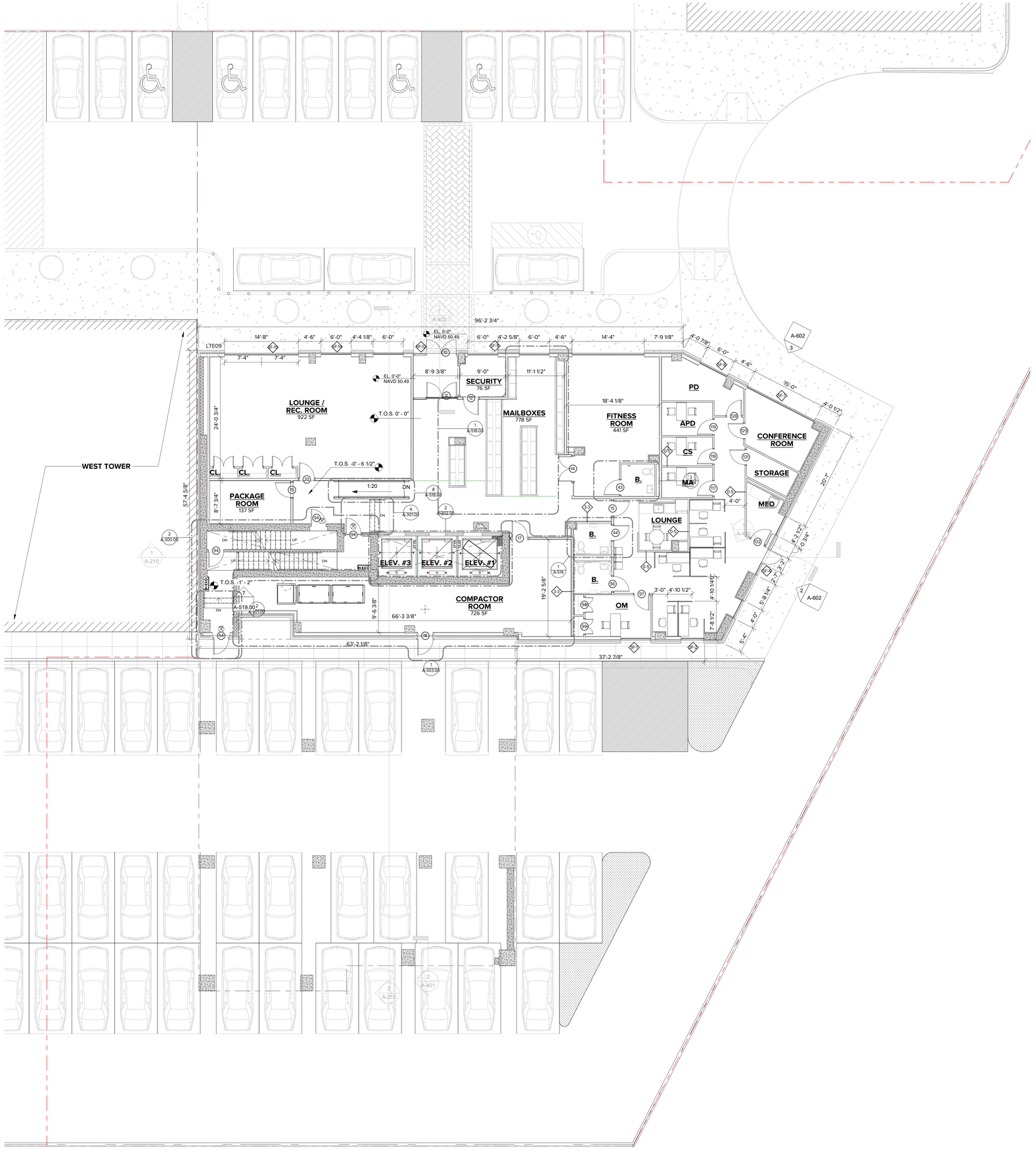
SCALE: As indicated
SHEET NO: OF
DRAWING NO: A-100.00

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 (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 (ULR907)
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 (ULR1914) (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
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- 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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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:

1ST FLOOR PLAN

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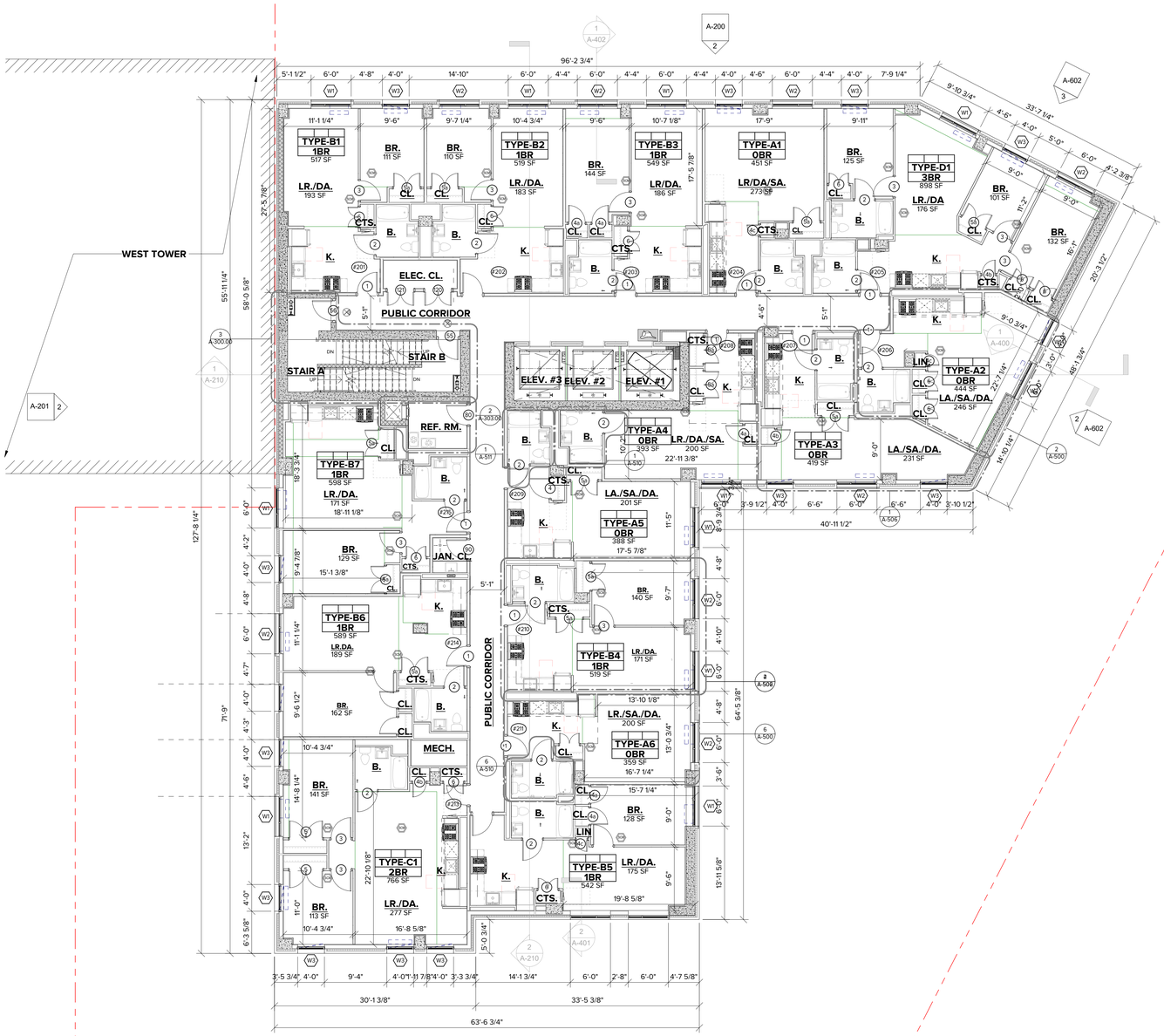
ISSUE DATE: 07/27/22
PROJECT NO: Project Number
DRAWN BY: Author
CHECKED BY: Checker
SCALE: 1/8" = 1'-0"
SHEET NO: OF
DRAWING NO: A-101.00

NYC DOB NUMBER: X00945951-I1



1/8" = 1'-0"

TYPICAL 2ND FLOOR PLAN

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)
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 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)
- 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
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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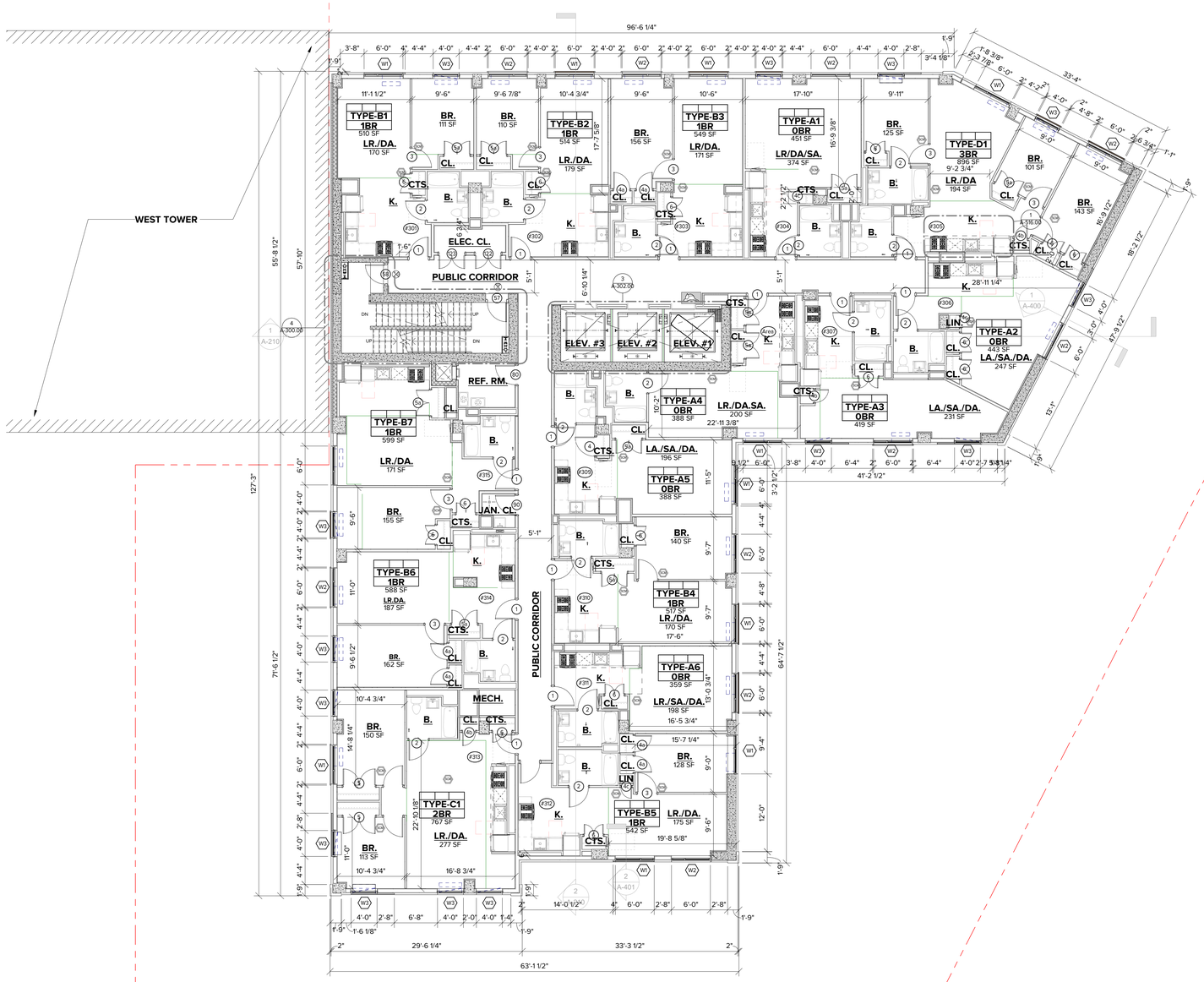
SEAL & SIGNATURE

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)
- 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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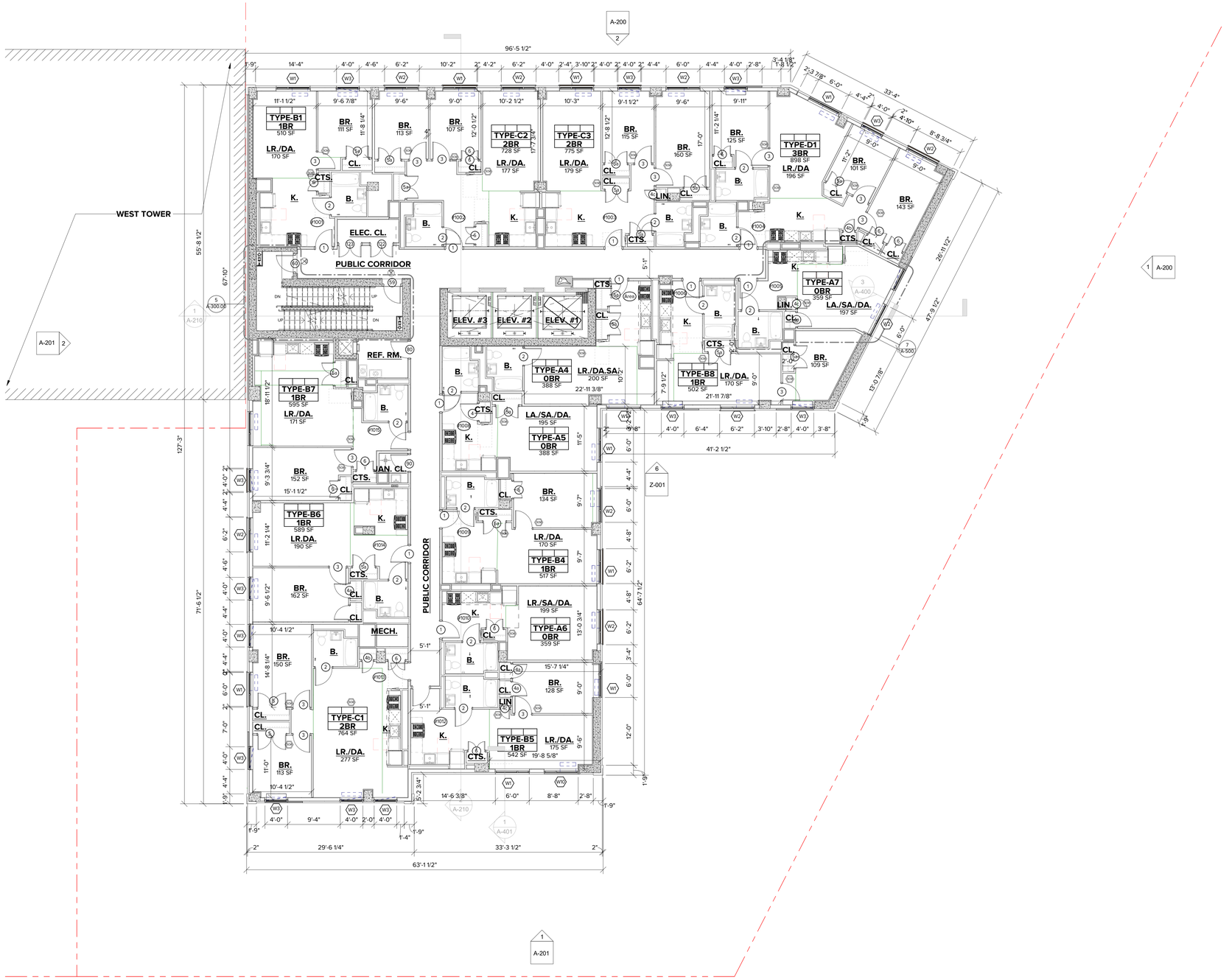
SEAL & SIGNATURE

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. 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 (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 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
- 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
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4. G.C. SHALL COORDINATE SIZE AND LOCATION OF ALL MASONRY OPENINGS AT ELEVATOR ENTRANCES WITH ELEVATOR VENDOR.
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6. FOR ELECTRICAL OUTLETS, REFER TO LATEST ELEC. CODE FOR ALL REQUIREMENTS INCLUDING HEIGHT, SPACING, ETC.
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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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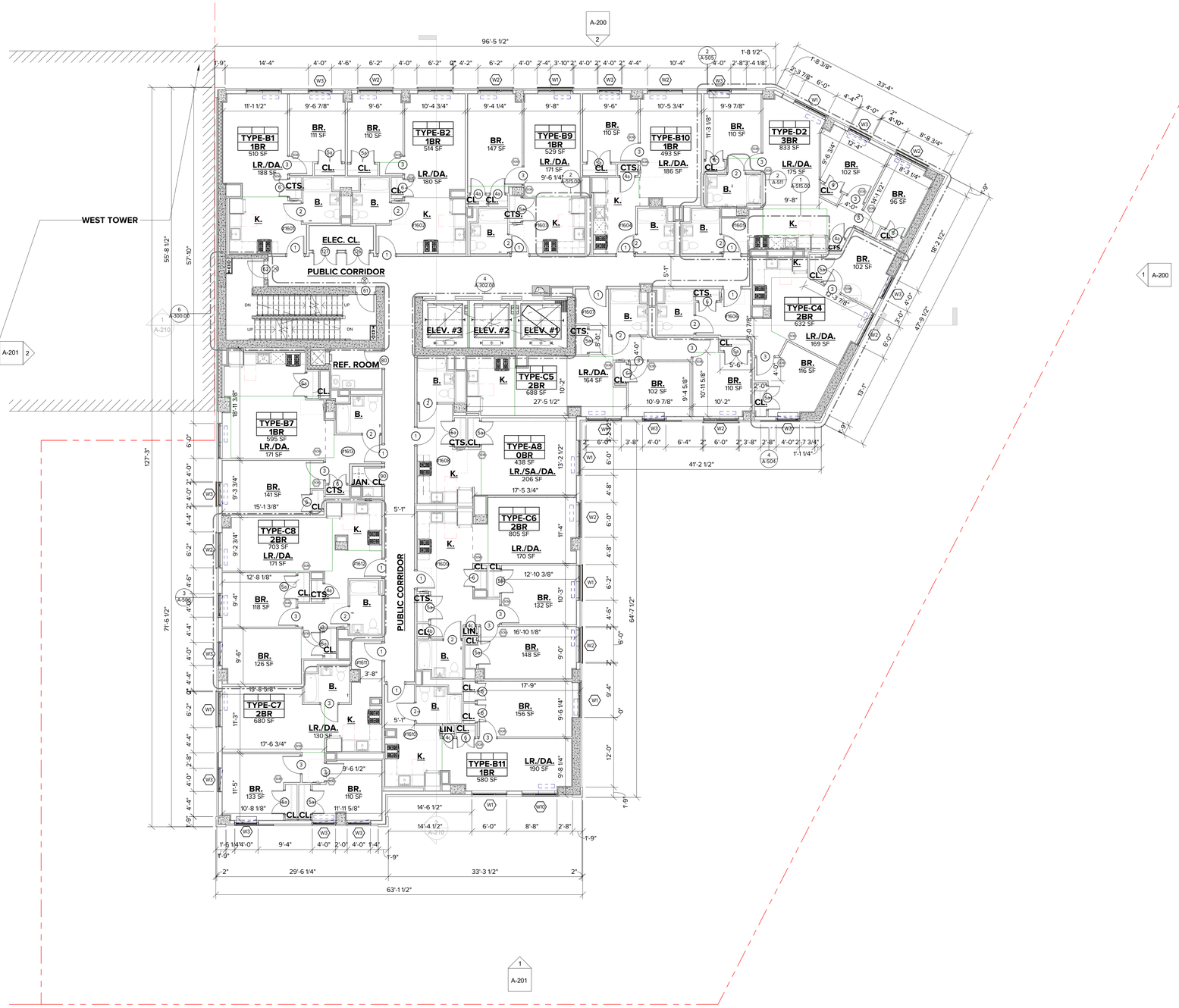
SEAL & SIGNATURE

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-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 (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 (ULRU914) 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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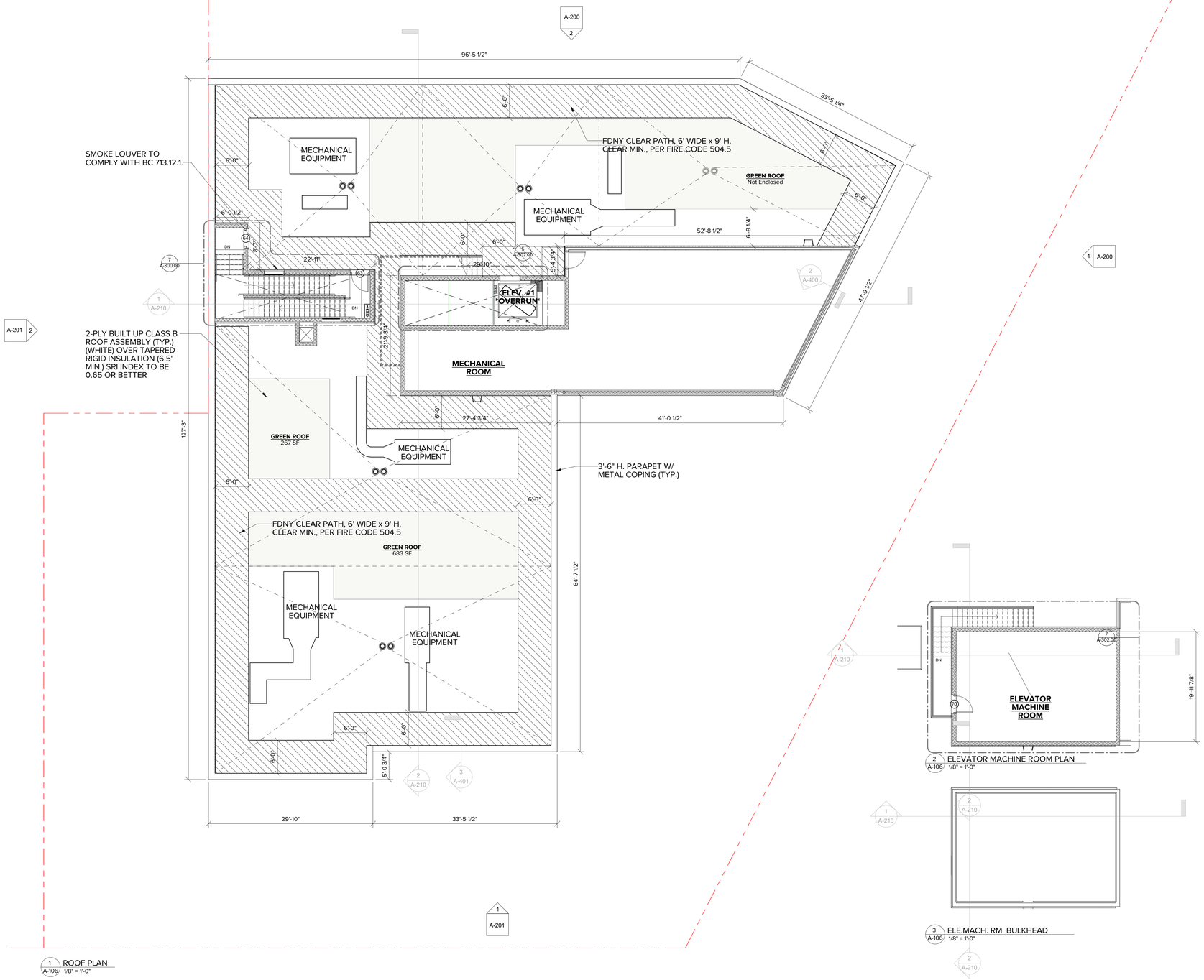
ISSUE DATE: 05/03/23
PROJECT NO: Project Number
DRAWN BY: Author
CHECKED BY: Checker
SCALE: 1/8" = 1'-0"
SHEET NO: OF
DRAWING NO: A-105.00
NYC DOB NUMBER: X00945951-I1



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)
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
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- REFLECTED CEILING
- ELECTRIC HOUSE PANEL - SEE ELEC. DWGS.

GENERAL NOTES:

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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
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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:

ROOF PLAN

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ISSUE DATE: 05/03/23 PROJECT NO: Project Number

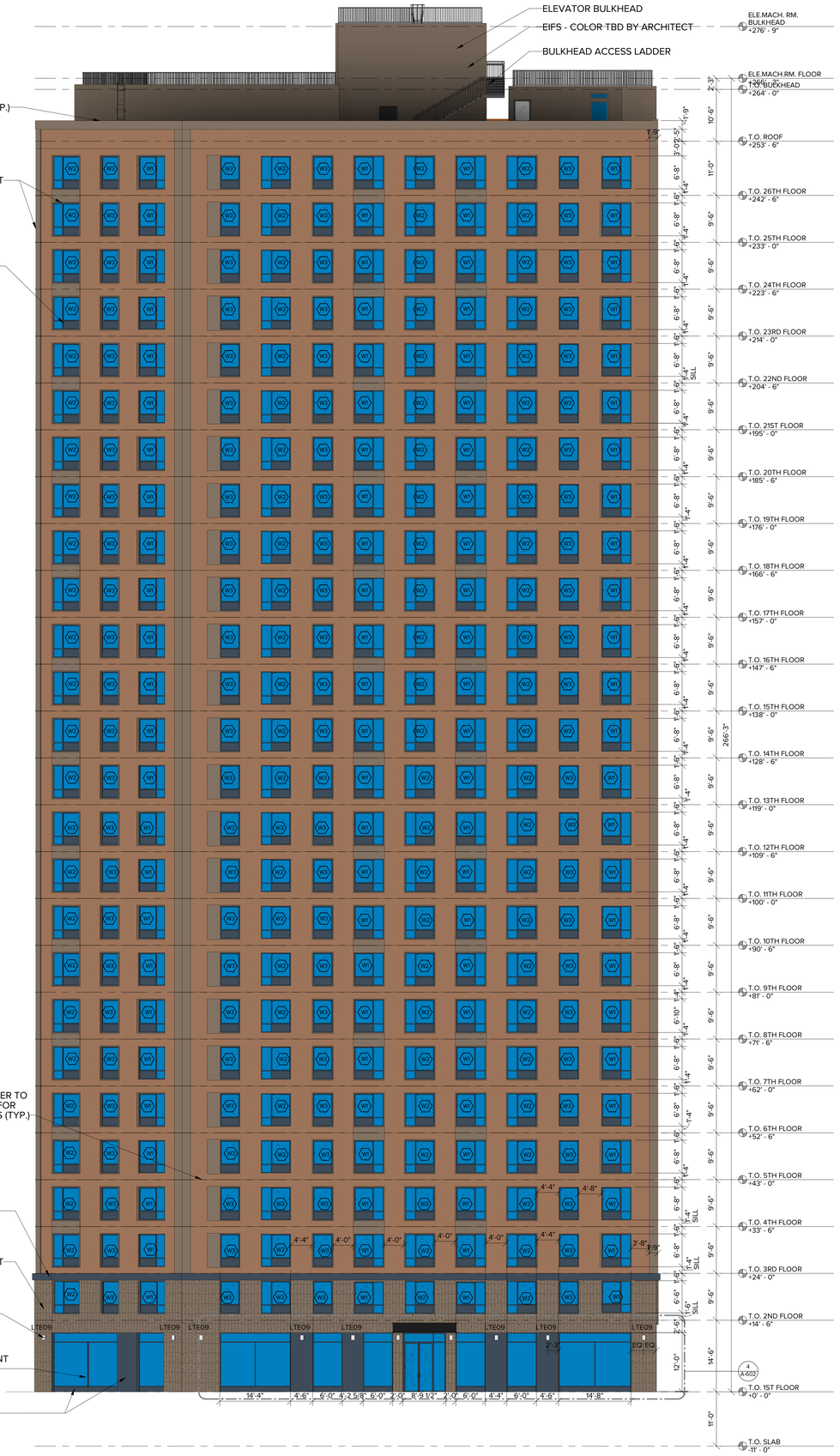
DRAWN BY: Author CHECKED BY: Checker

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"

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
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845.368.0004
info@aufgang.com

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Structural Engineer
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05/02/2025	ISSUED FOR 50% DD
11/08/2024	ISSUED FOR 100% SD

SHEET TITLE:

NORTH & EAST ELEVATIONS

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DRAWN BY: Author
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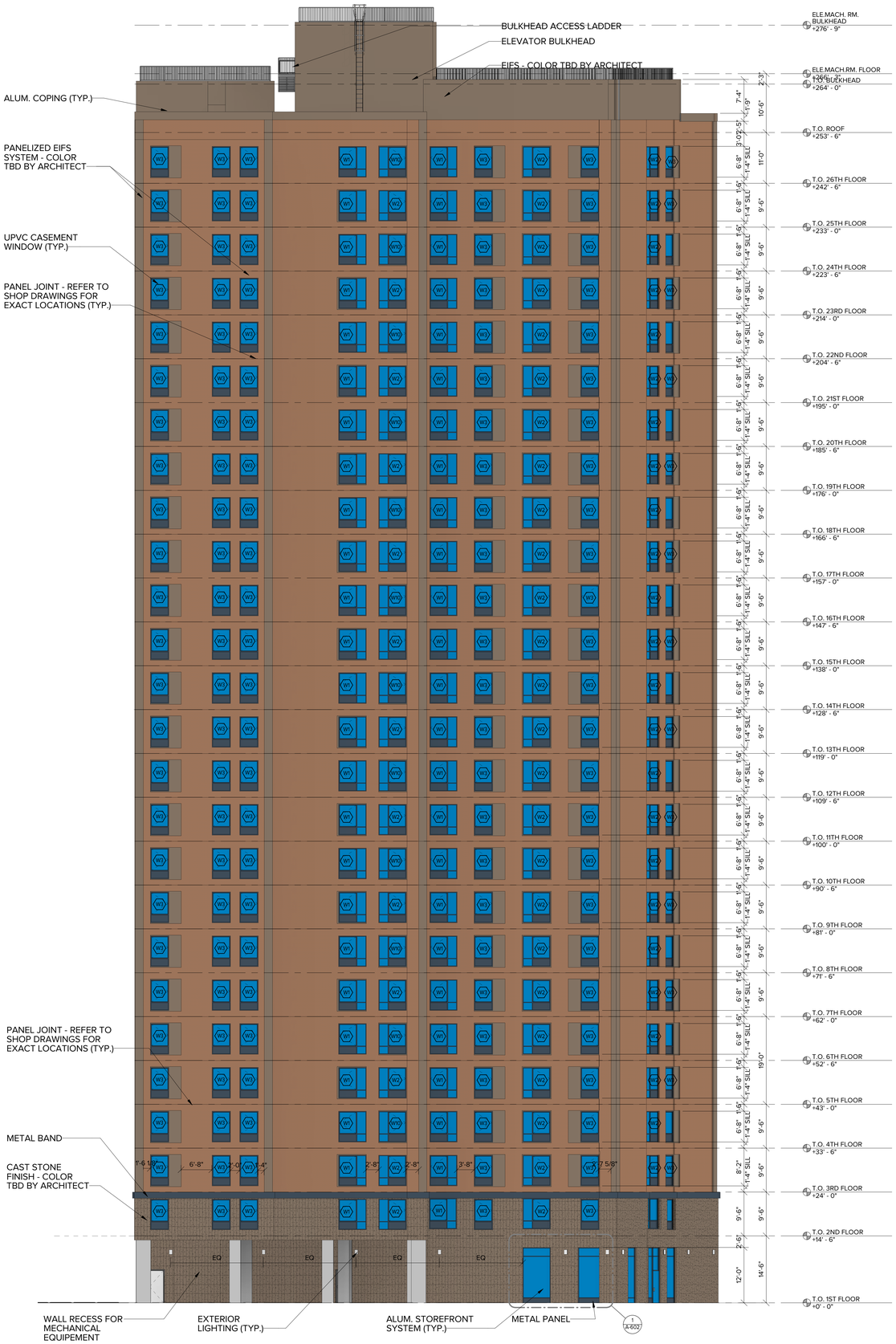
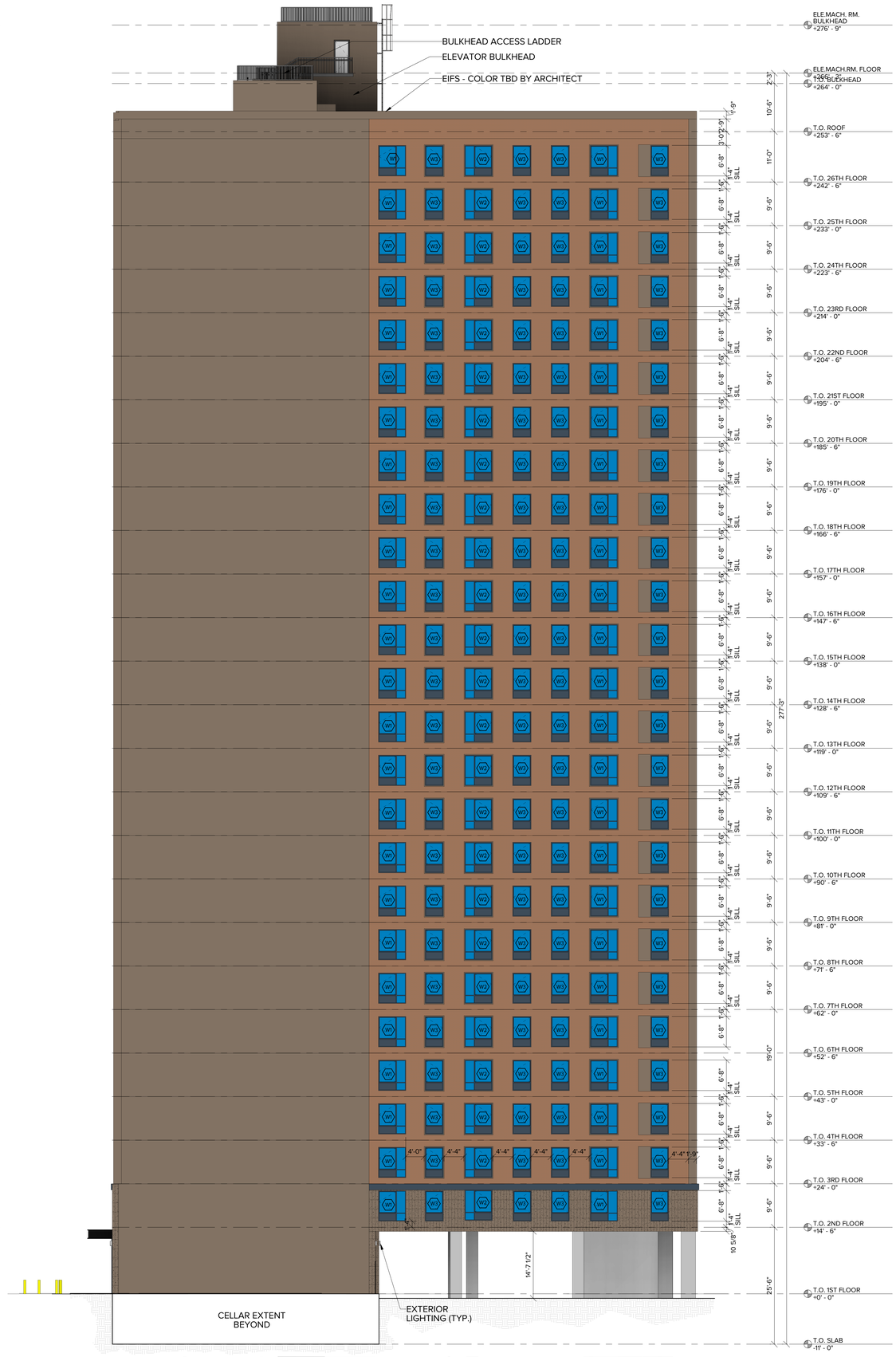
SCALE: 3/32" = 1'-0"
SHEET NO: OF
DRAWING NO: A-200.00

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:
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
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SHEET TITLE:

SOUTH & WEST ELEVATIONS

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A-201.00

NYC DOB NUMBER: X00945951-I1

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SHEET TITLE:

Renderings

PROGRESS ISSUE FOR **NOT FOR CONSTRUCTION**

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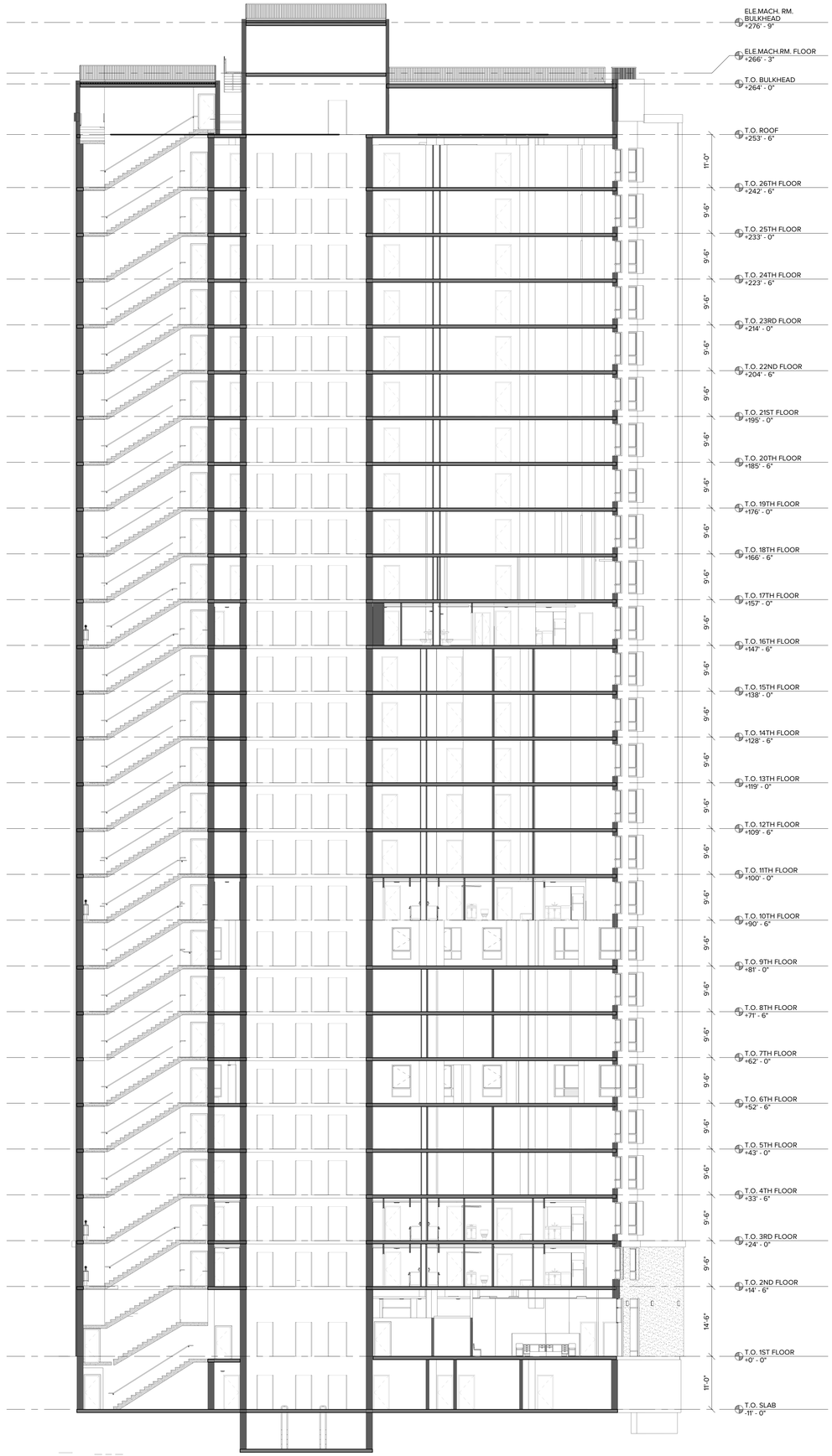
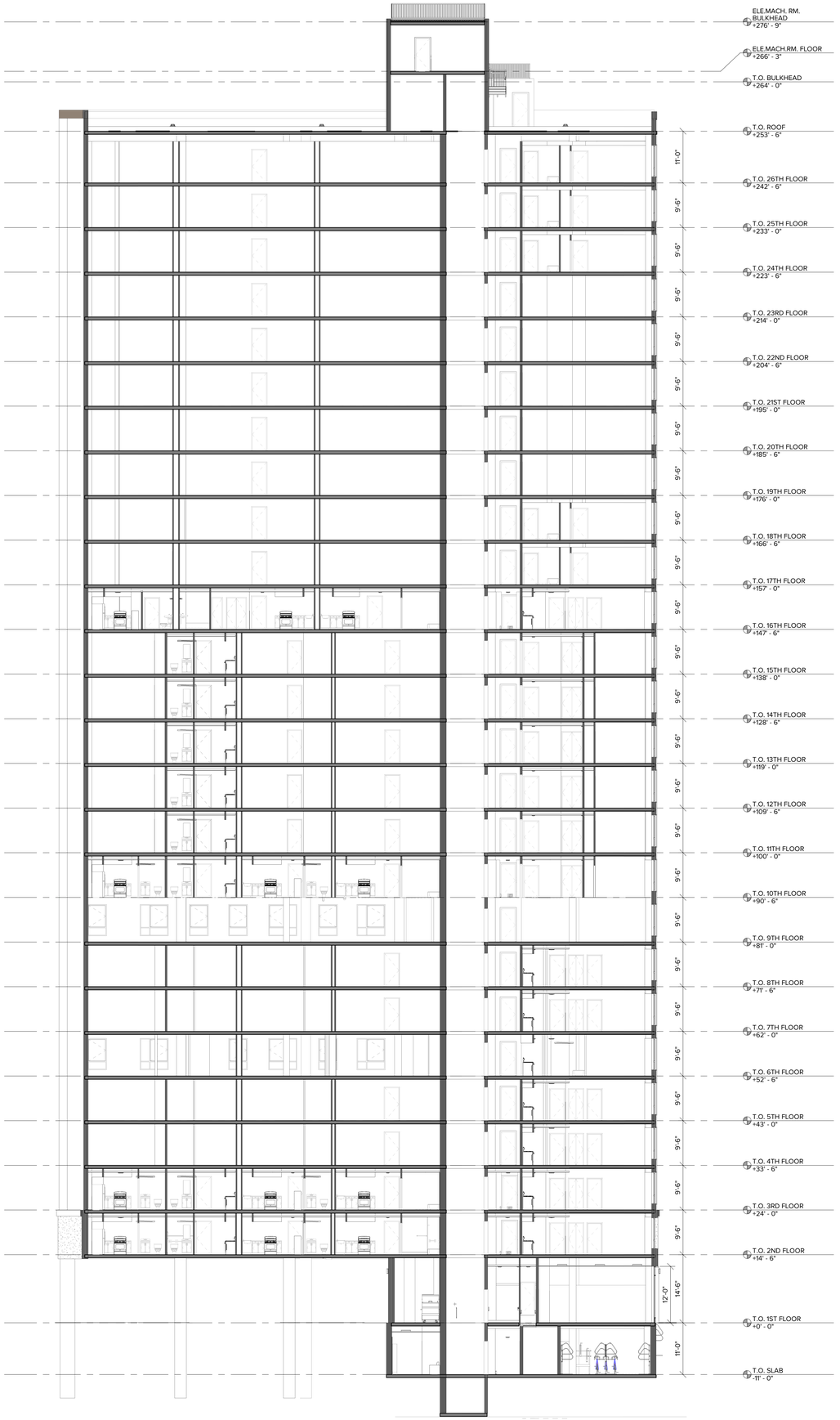
SHEET NO: OF

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"

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BLOCK: 2420 LOT: 120 & 150

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BUILDING SECTION A-A

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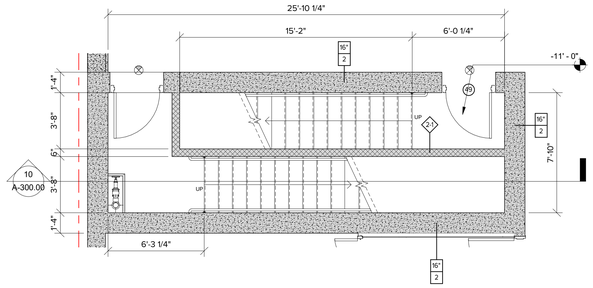
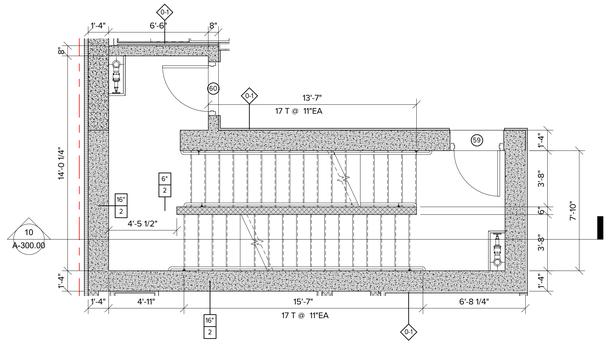
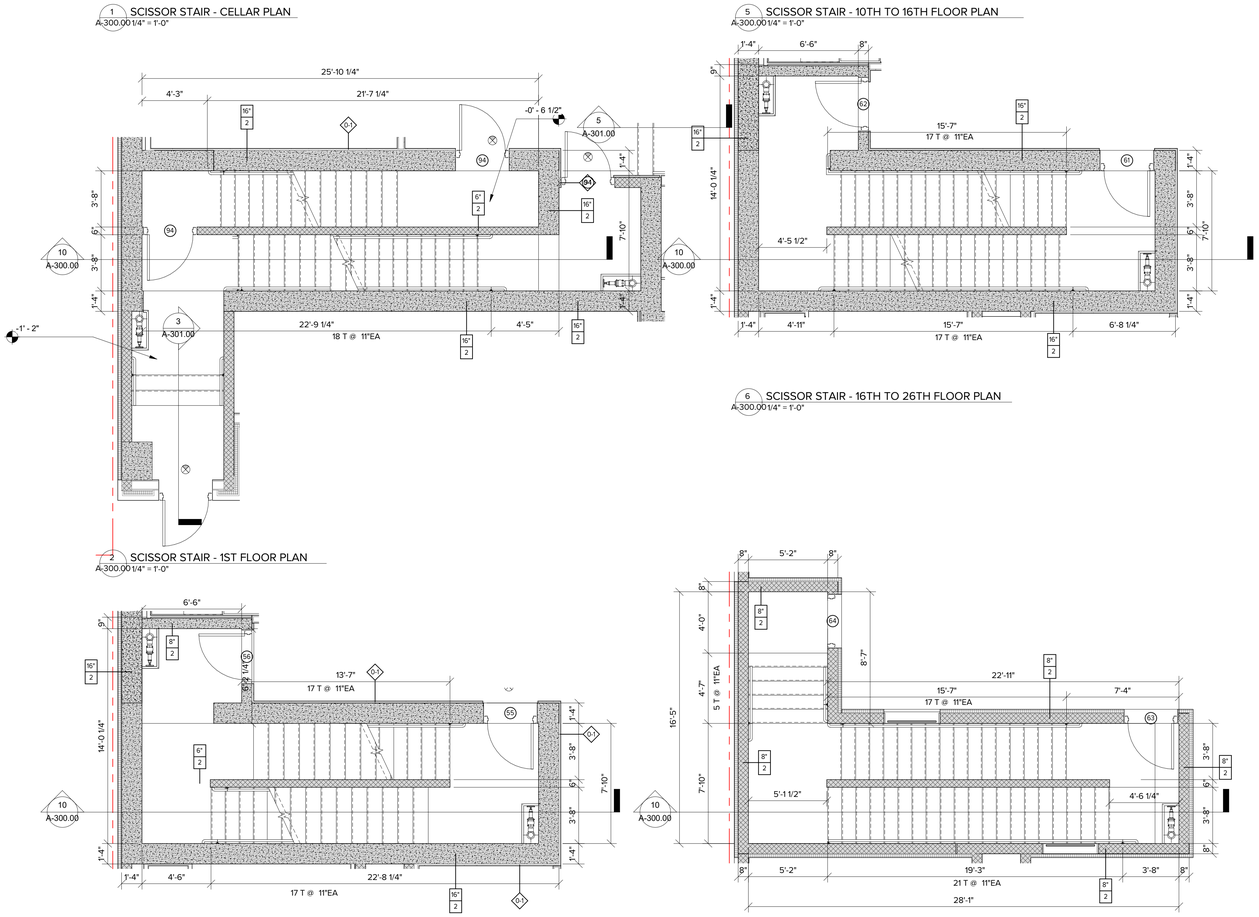


1 SCISSOR STAIR - CELLAR PLAN
A-300.00 1/4" = 1'-0"



5 SCISSOR STAIR - 10TH TO 16TH FLOOR PLAN
A-300.00 1/4" = 1'-0"



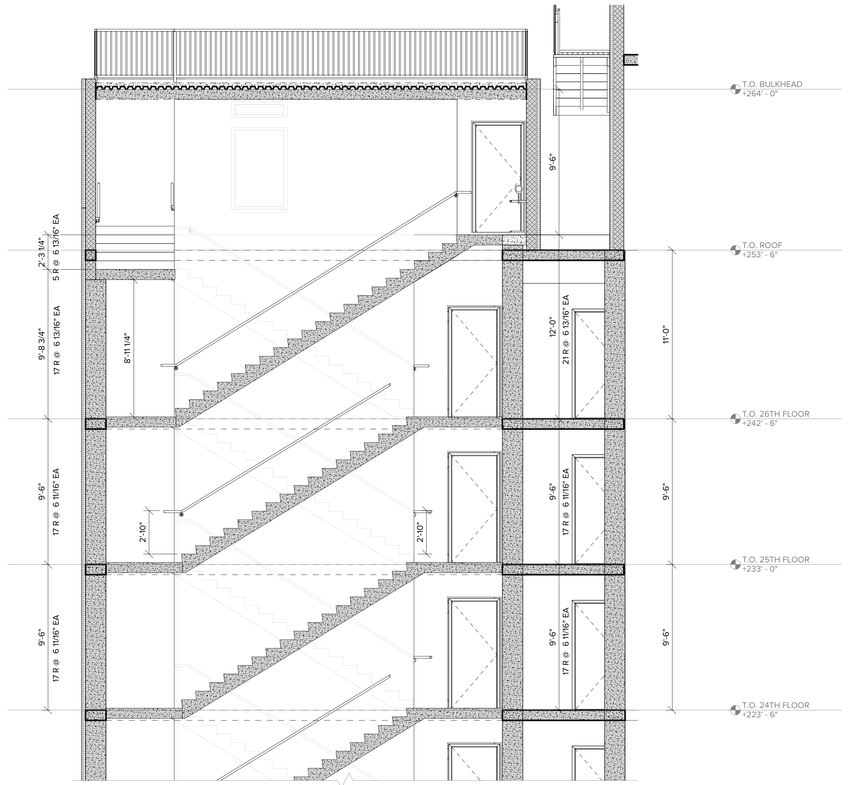
2 SCISSOR STAIR - 1ST FLOOR PLAN
A-300.00 1/4" = 1'-0"

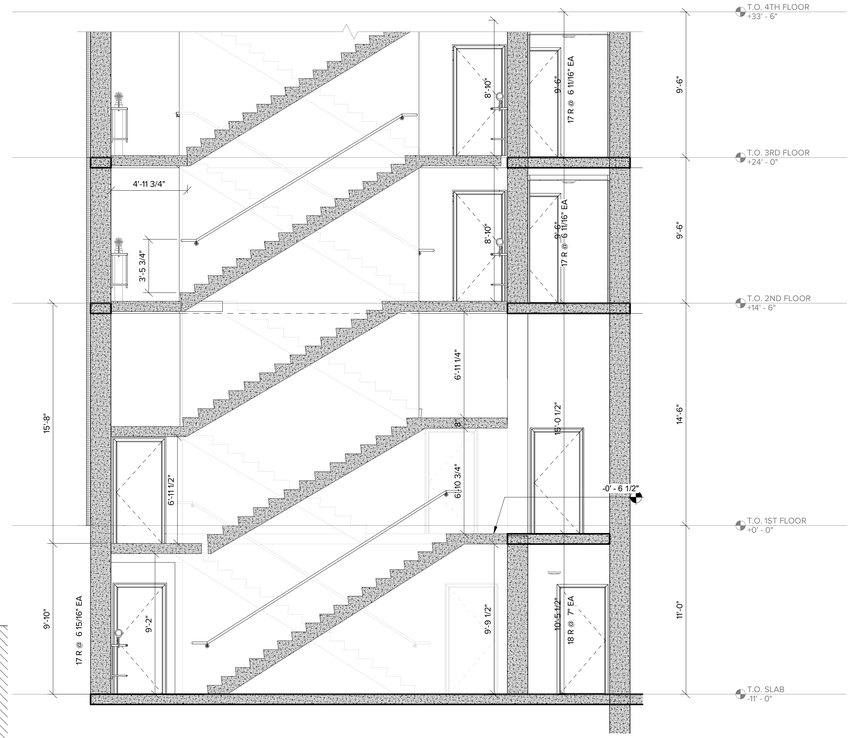
6 SCISSOR STAIR - 16TH TO 26TH FLOOR PLAN
A-300.00 1/4" = 1'-0"

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"

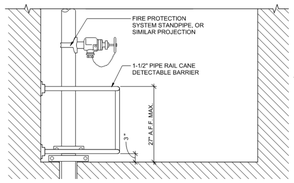
4 SCISSOR STAIR - 3RD TO 9TH FLOOR PLAN
A-300.00 1/4" = 1'-0"





10 SCISSOR STAIR SECTION
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.

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STAIR - FLOOR PLANS AND SECTION

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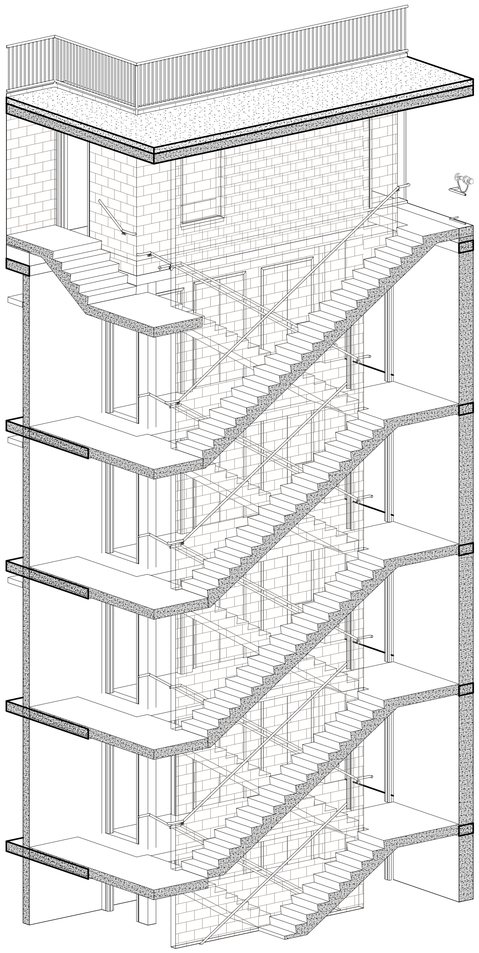
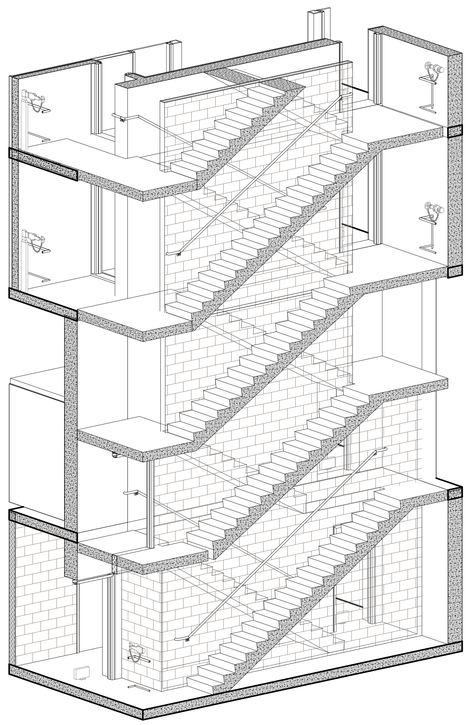
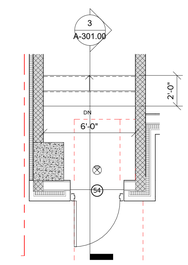
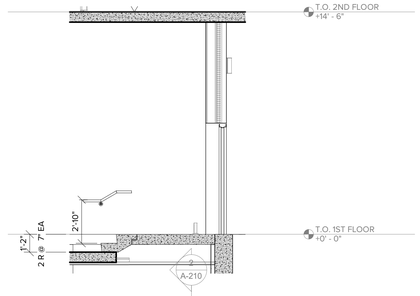


1 SCISSOR STAIR - AXONOMETRIC
A-301.00

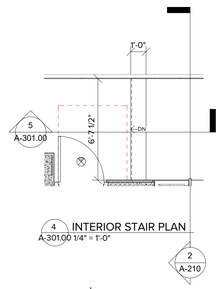




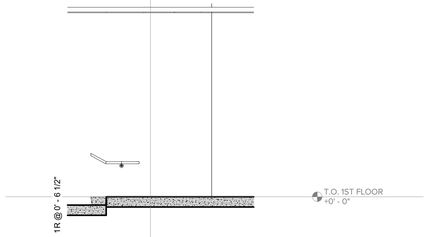
2 STAIR @ EXIT - PLAN
A-301.00 1/4" = 1'-0"



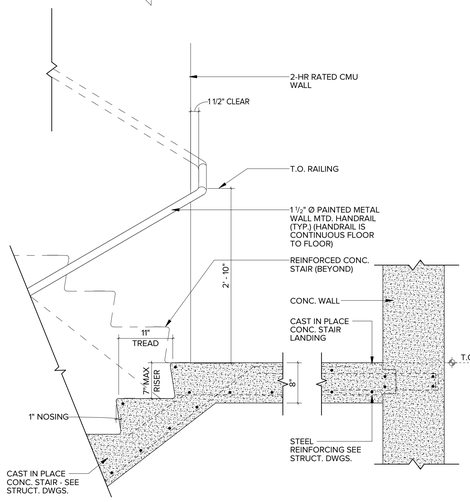
3 STAIR @ EXIT - SECTION
A-301.00 1/4" = 1'-0"



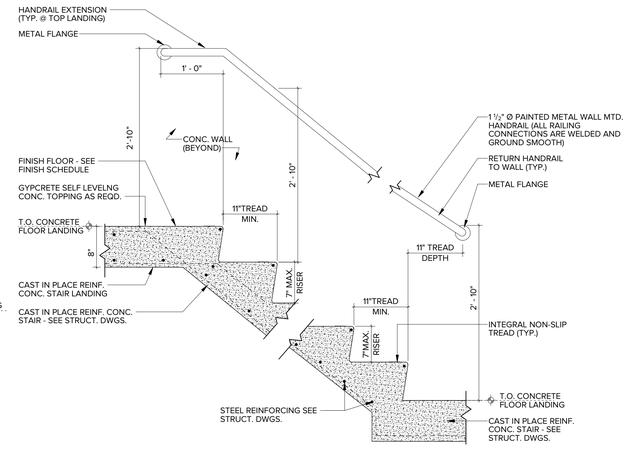
4 INTERIOR STAIR PLAN
A-301.00 1/4" = 1'-0"



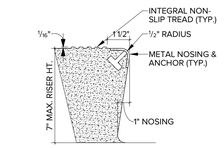
5 INTERIOR STAIR SECTION
A-301.00 1/4" = 1'-0"



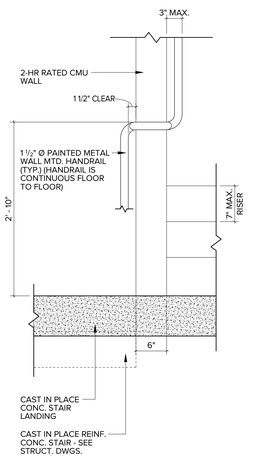
6 CONCRETE STAIRS TYPICAL SECTION AT INTERMEDIATE LANDINGS
A-301.00 1" = 1'-0"



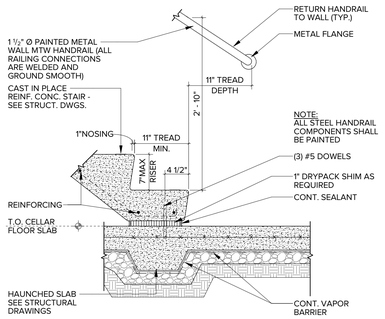
7 CONCRETE STAIRS TYPICAL TOP AND BOTTOM STAIR LANDINGS
A-301.00 1" = 1'-0"



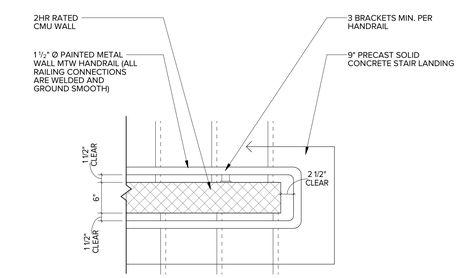
10 TYPICAL STAIR NOSING DETAIL
A-301.00 3" = 1'-0"



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"

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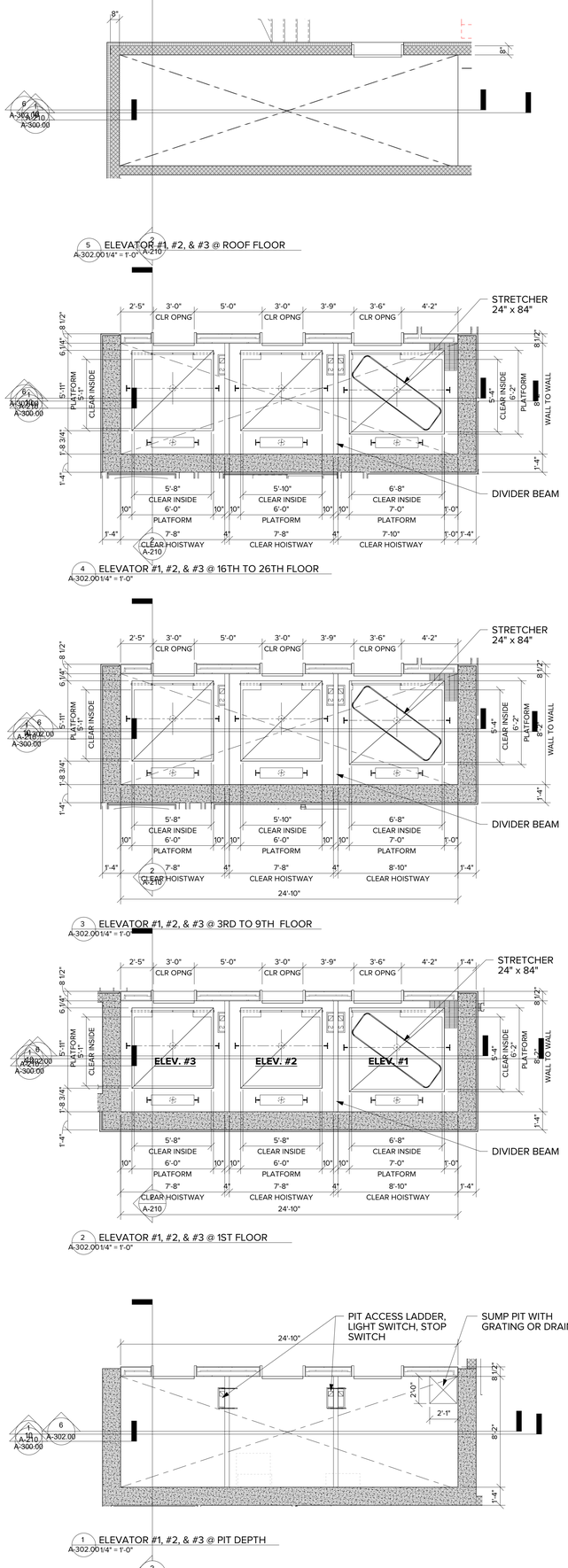
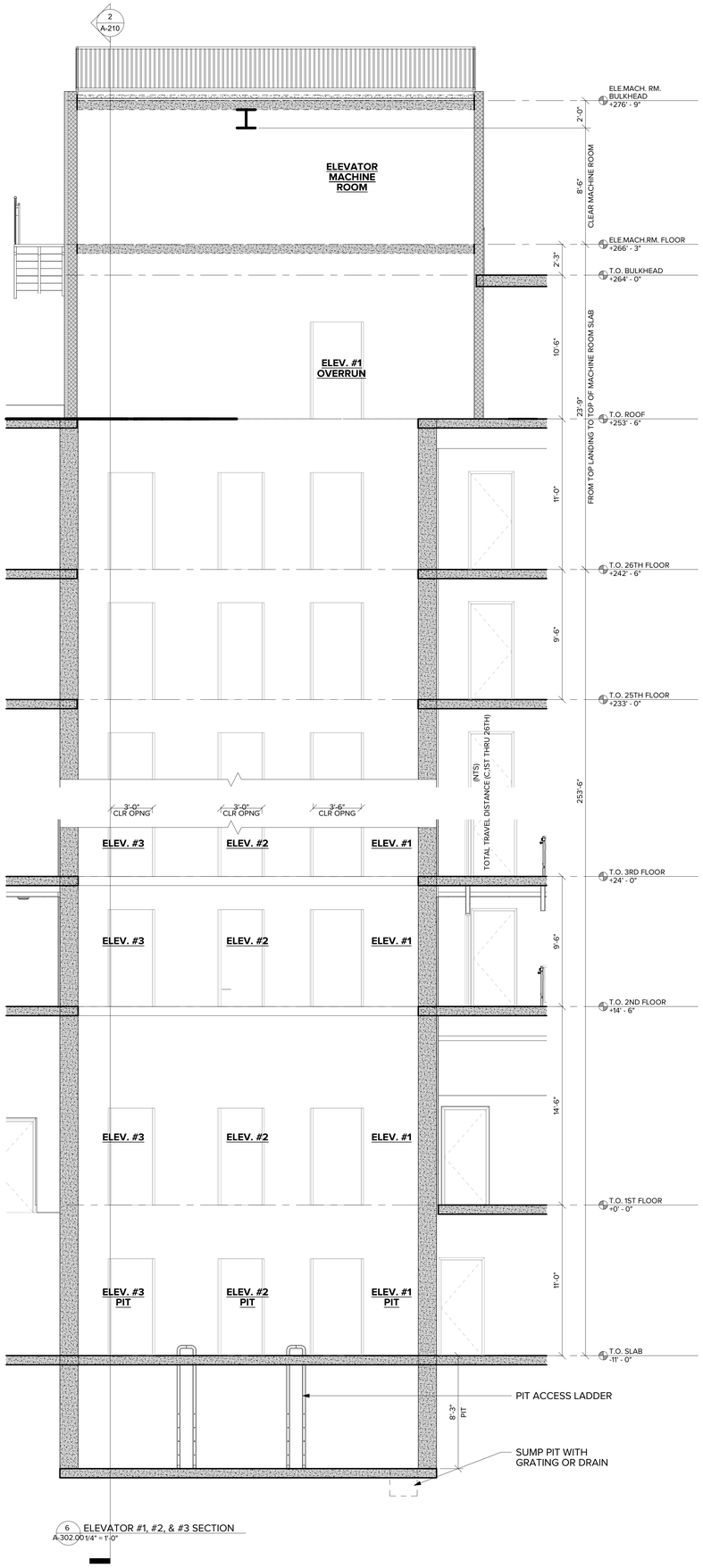




ENERGY CODE SECT. C405.9.1 ELEVATOR CABS

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)

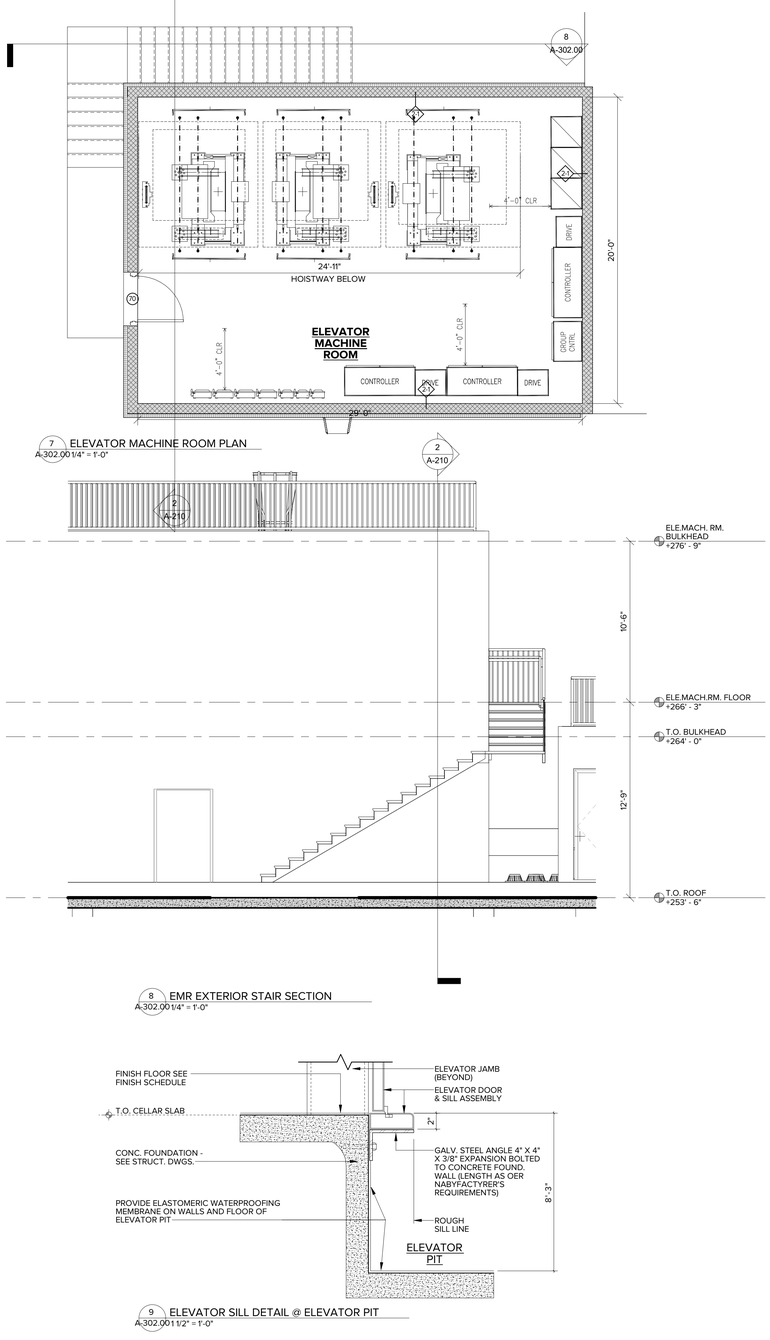
ELEVATOR BASIS OF DESIGN

- 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



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:

ELEVATORS #1, 2 & 3 - FLOOR PLANS AND SECTION

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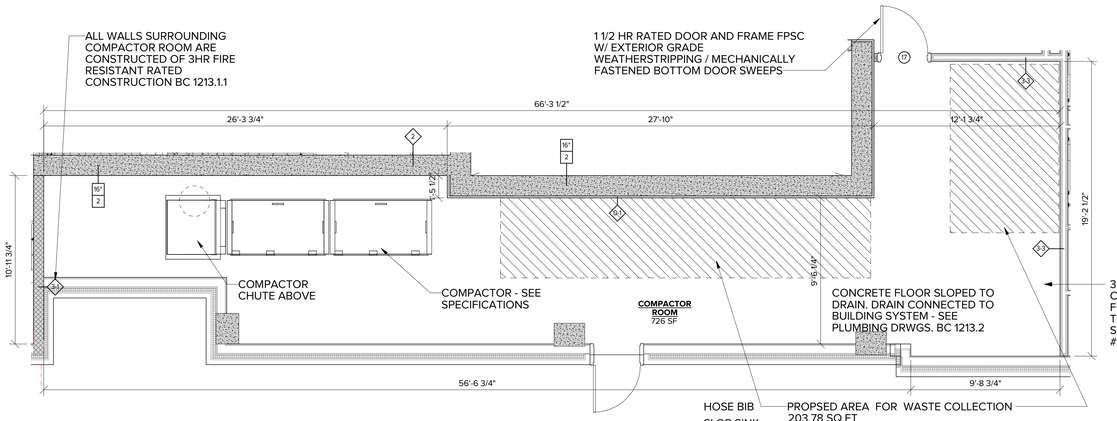
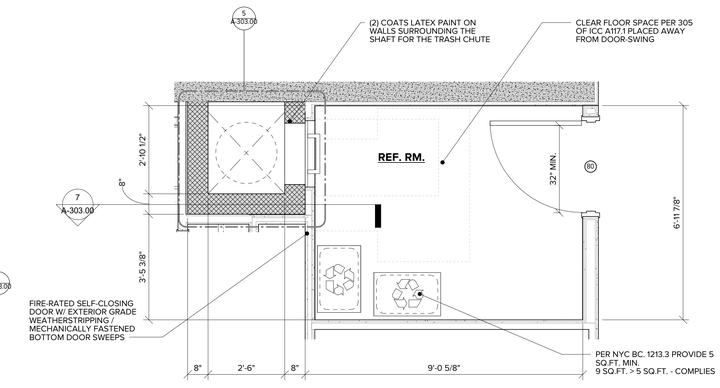
ISSUE DATE: 07/27/22
PROJECT NO: Project Number
DRAWN BY: Author
CHECKED BY: Checker
SCALE: As indicated
SHEET NO: OF

DRAWING NO: A-302.00.00

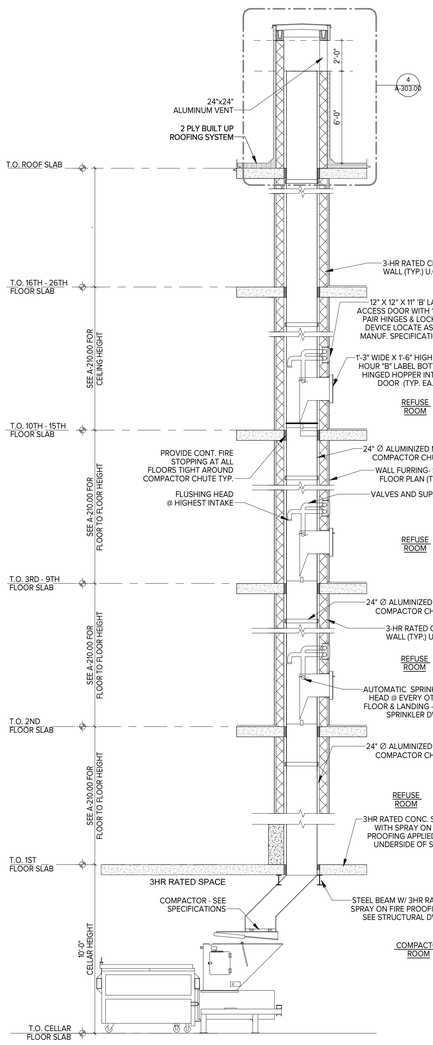
NYC DOB NUMBER: X00945951-I1



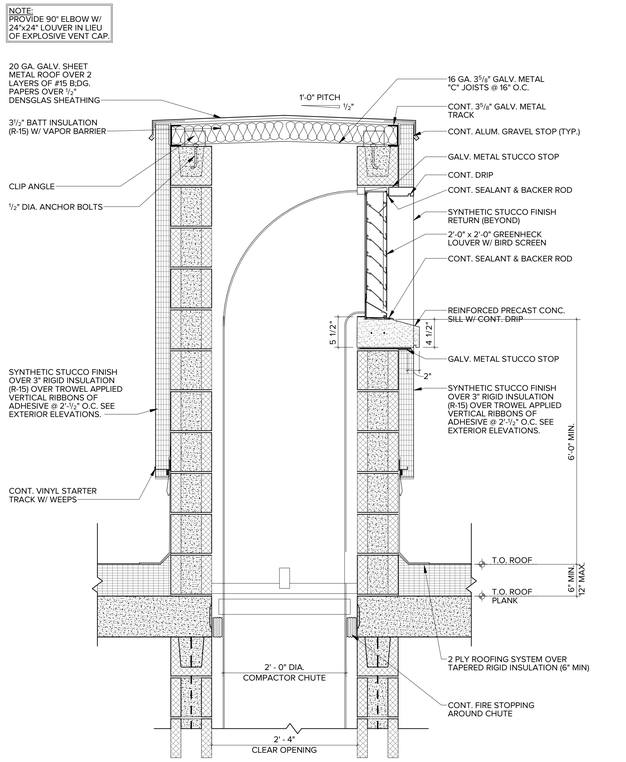
1 TRASH COMPACTOR ROOM PLAN
A-303.00 1/4" = 1'-0"



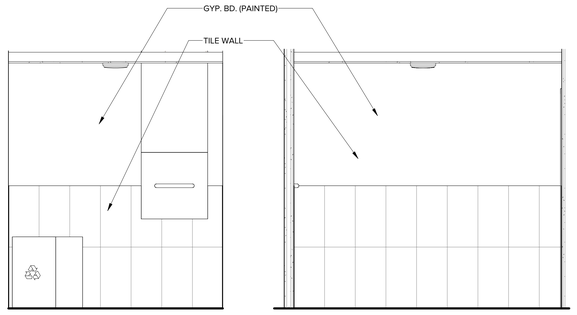
2 REFUSE ROOM - TYPICAL 2ND - 26TH FLOOR PLAN
A-303.00 1/2" = 1'-0"



7 SECTION THRU COMPACTOR CHUTE
A-303.00 1/4" = 1'-0"

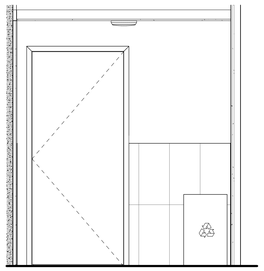


4 TRASH CHUTE TOP VENT DETAIL (FLAT ROOF)
A-303.00 1" = 1'-0"



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
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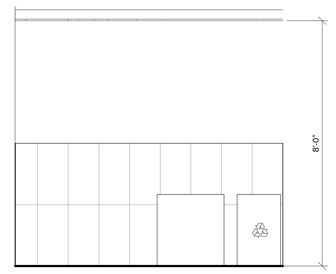

11 ELEVATION 4- REFUSE ROOM
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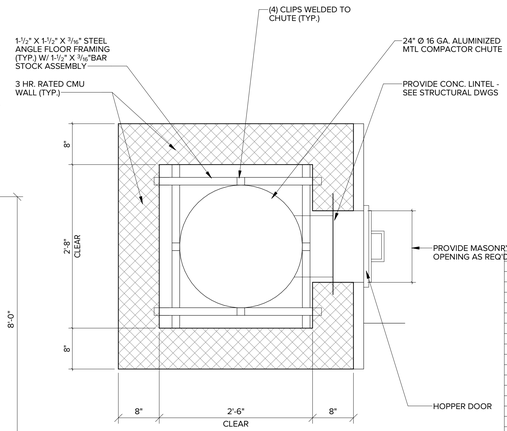


5 TYPICAL TRASH CHUTE FRAMING DETAIL
A-303.00 1" = 1'-0"

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		

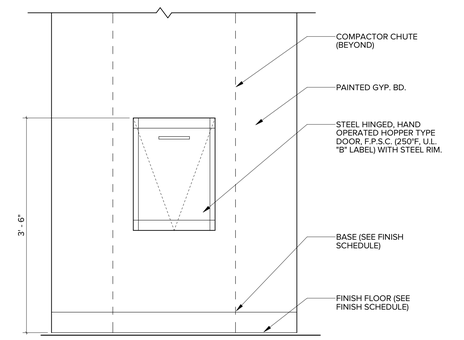
Space taken up by curbside set-out along a building's frontage (assumes bags are stacked two high)

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:
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DESIMONE ENGINEERING:
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COMPACTOR INFORMATION / WASTE MANAGEMENT PLAN

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A-303.00

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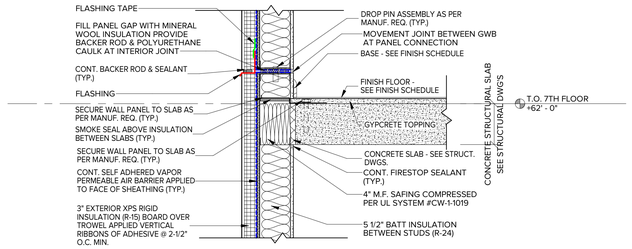
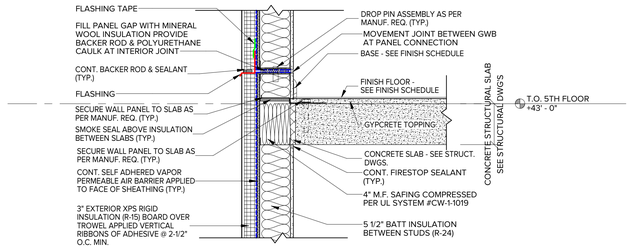
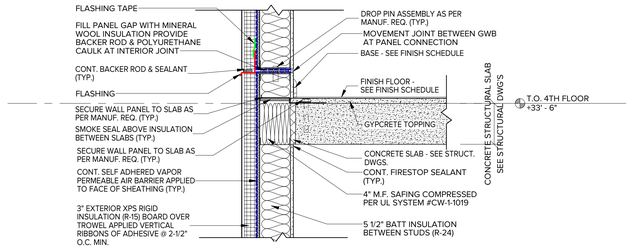
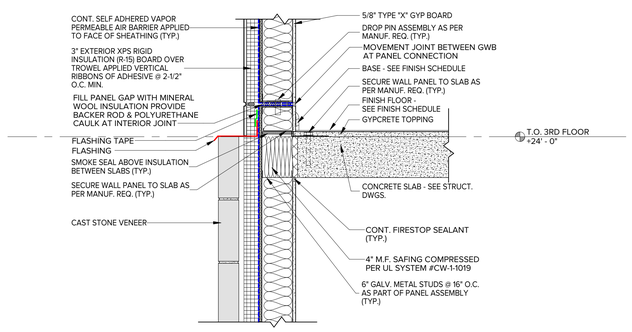
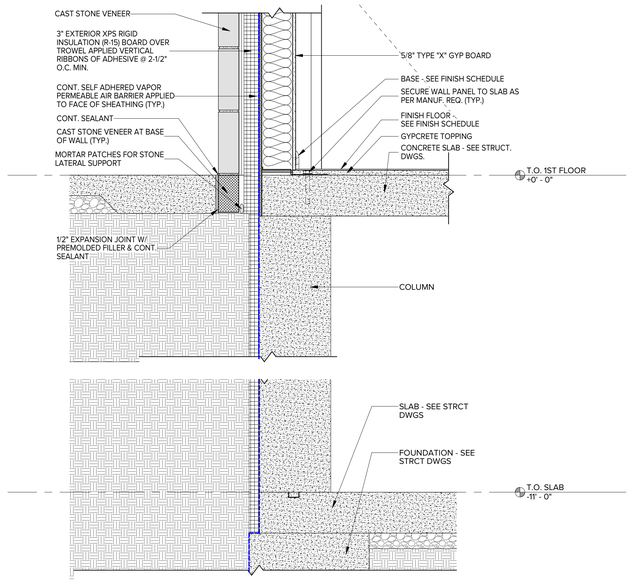


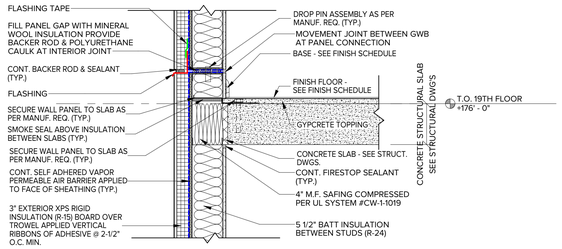


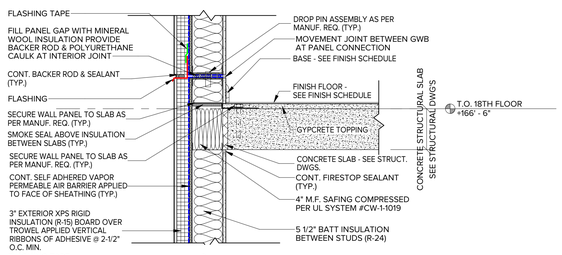


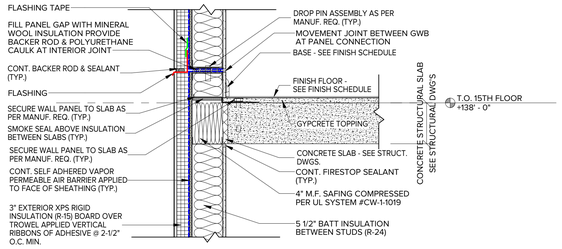


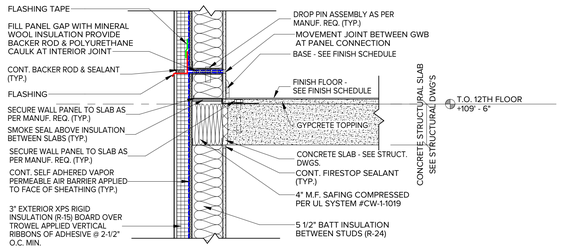


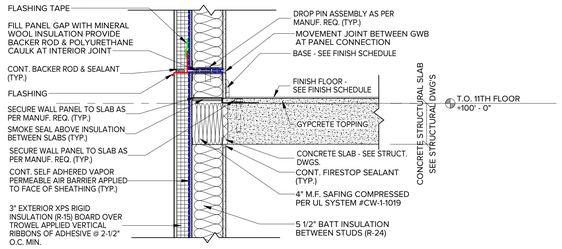
1 A-400 WALL SECTION #1 @ EIFS
1" = 1'-0"

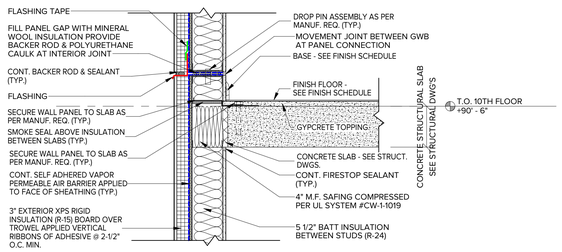


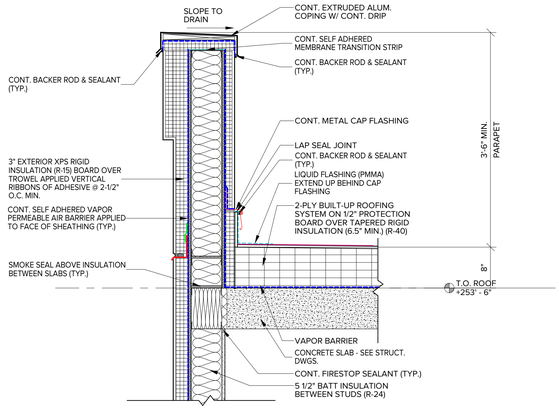


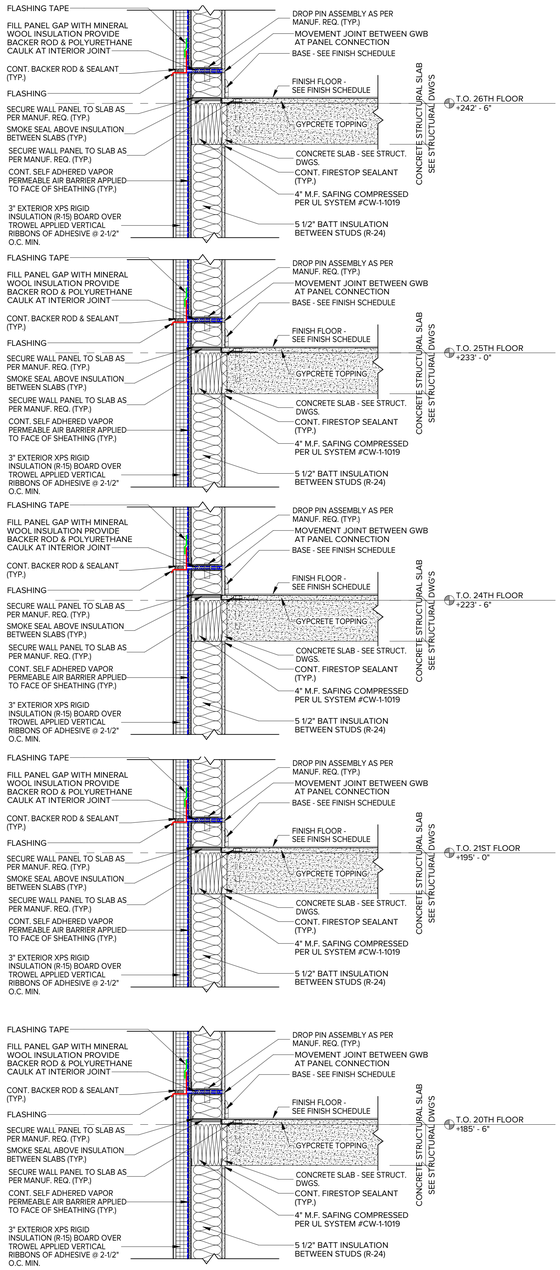












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WALL SECTION

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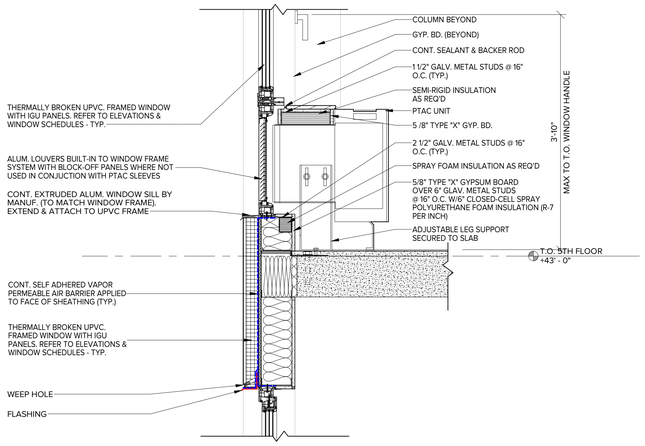
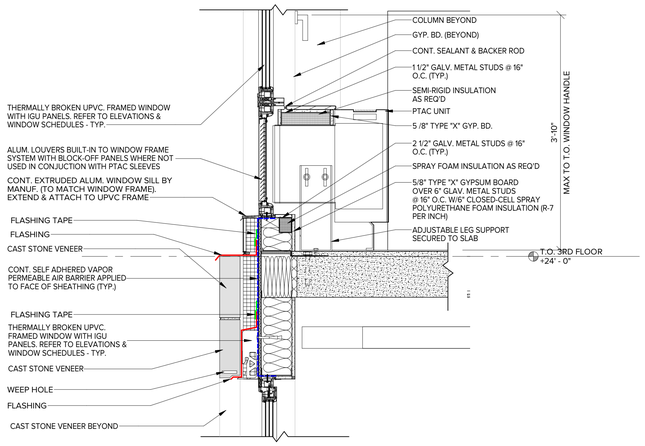
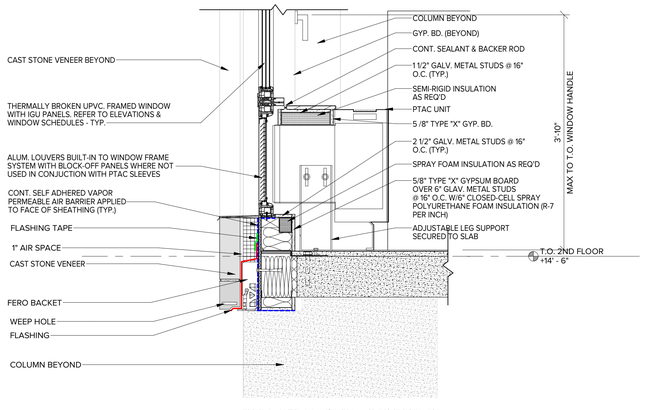
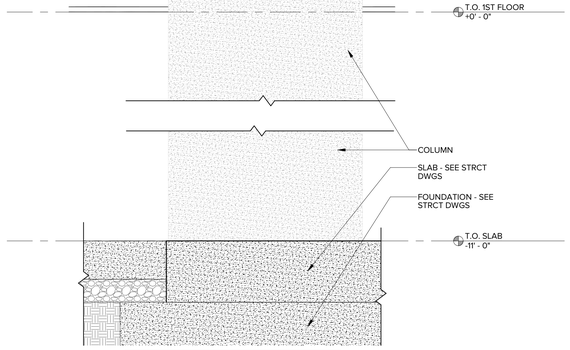
DRAWING NO: A-400

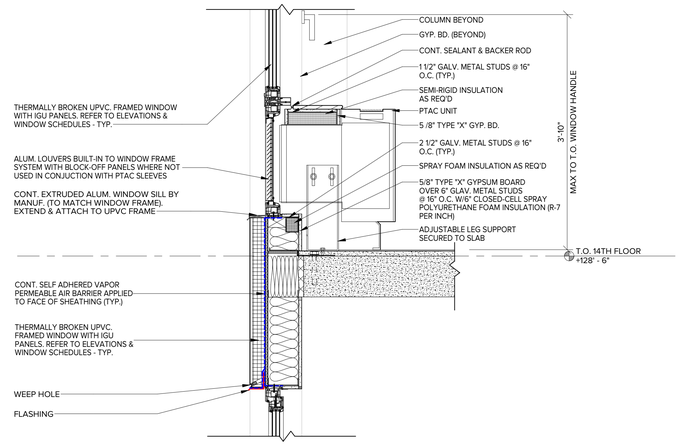
NYC DOB NUMBER: X00945951-I1

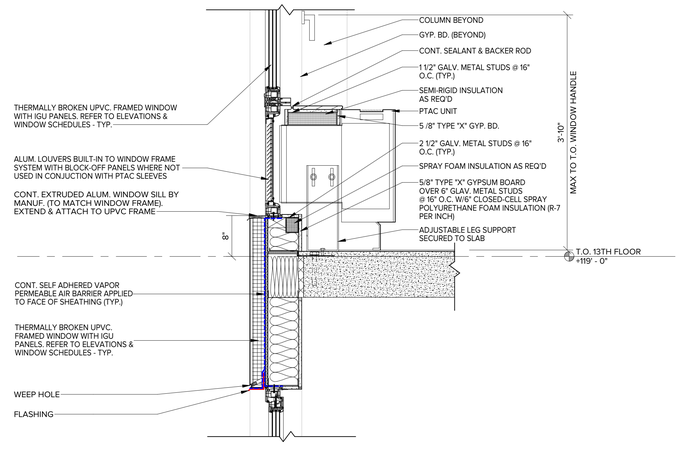


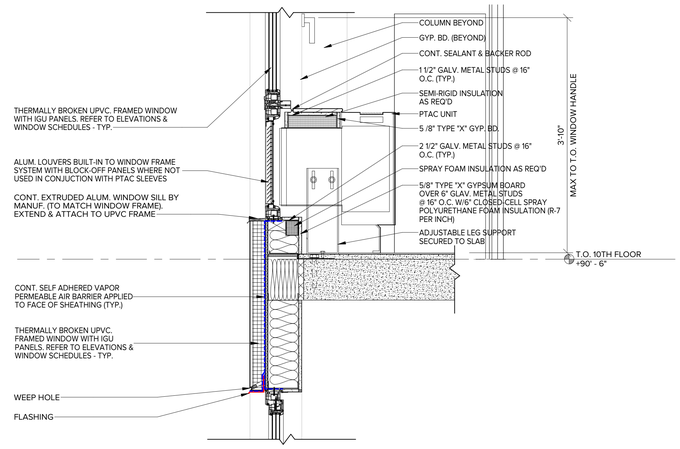


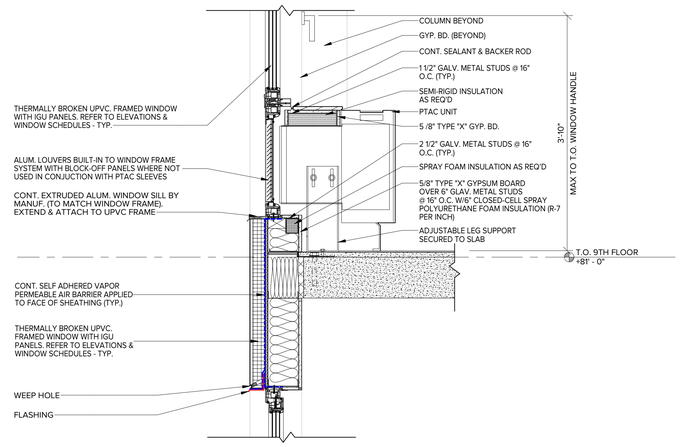


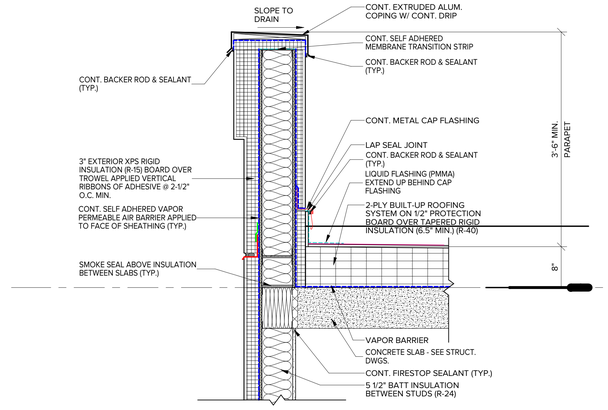


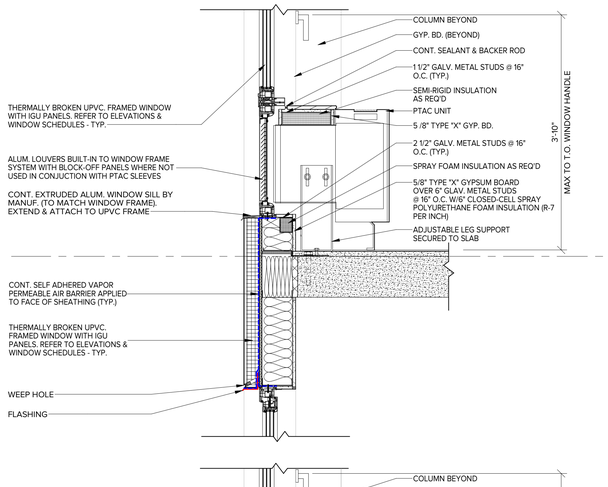


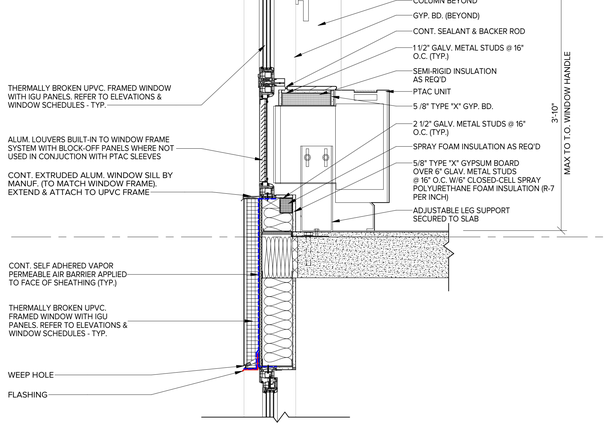


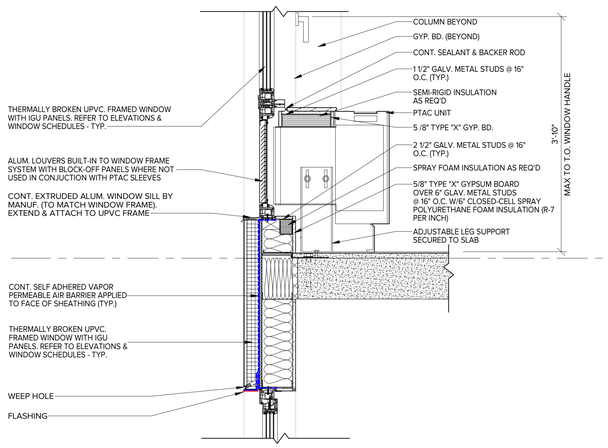












PROPOSED NEW MIXED USE DEVELOPMENT FOR:

310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150

Architect:
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:

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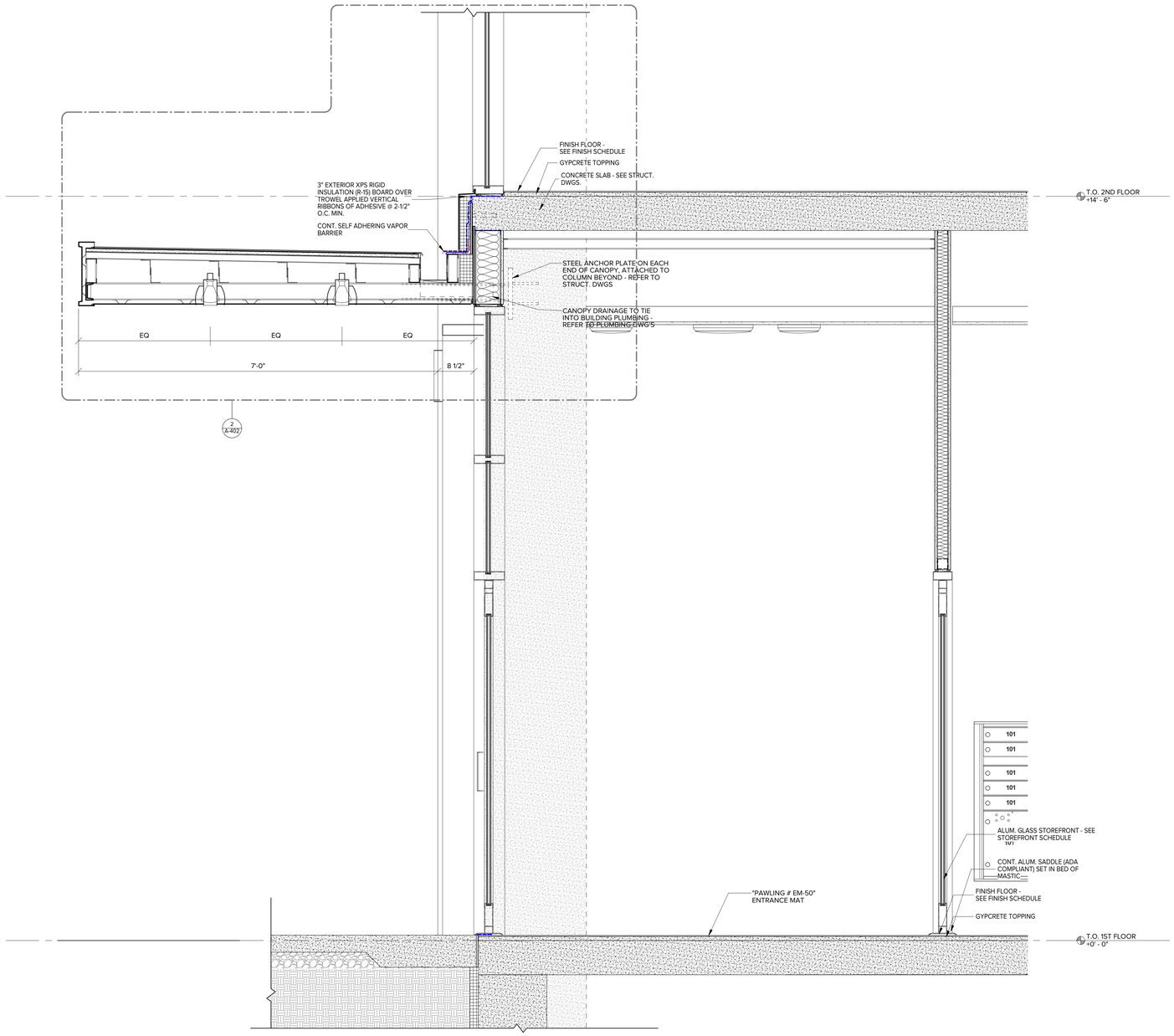
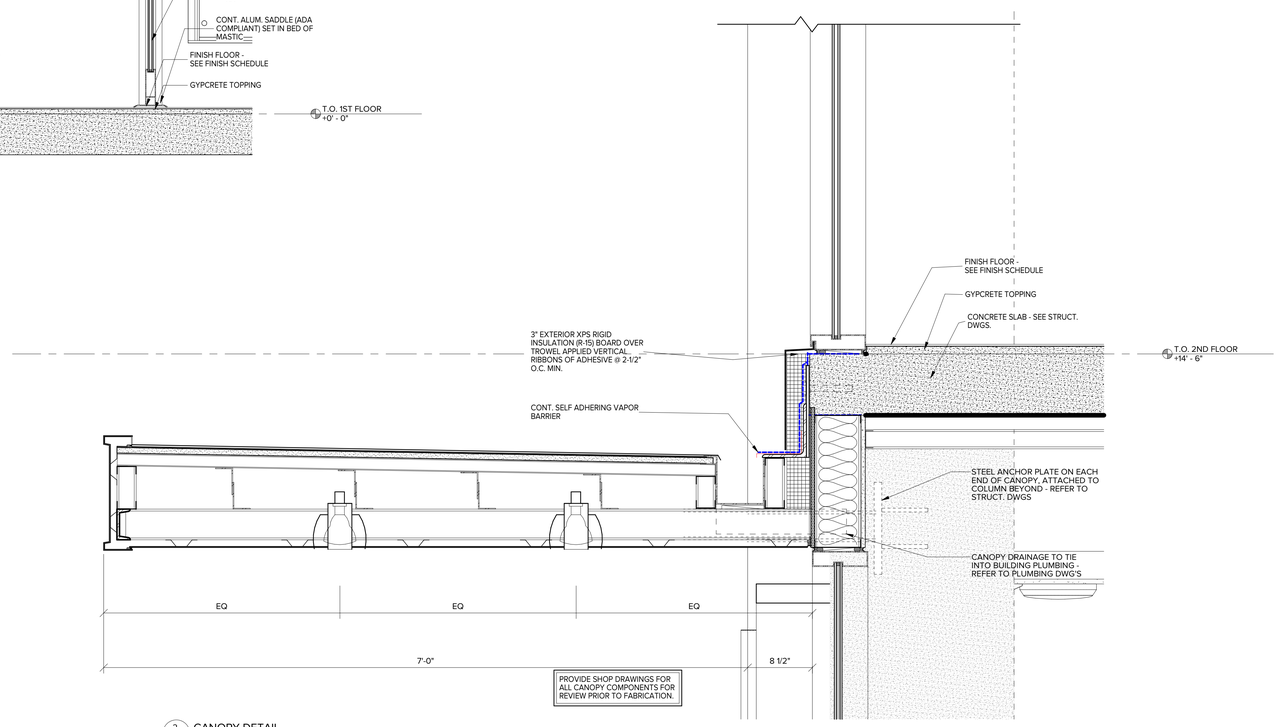
ISSUE DATE: 07/27/22
PROJECT NO: Project Number
DRAWN BY: Author
CHECKED BY: Checker
SCALE: 1" = 1'-0"
SHEET NO: OF
DRAWING NO: A-401

NYC DOB NUMBER: X00945951-I1



1 A-402 WALL SECTION @ STOREFRONT
1" = 1'-0"



2 A-402 CANOPY DETAIL
1 1/2" = 1'-0"

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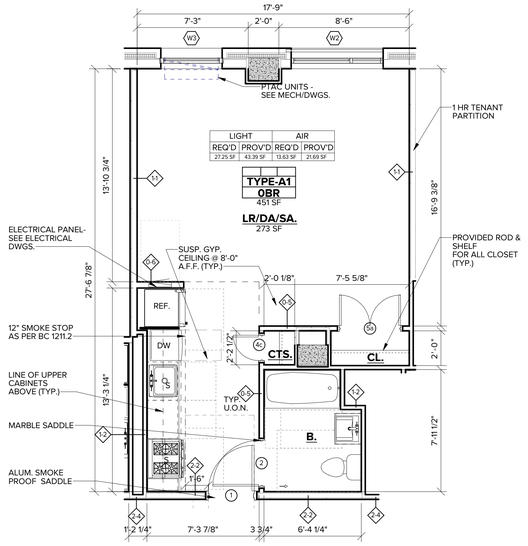
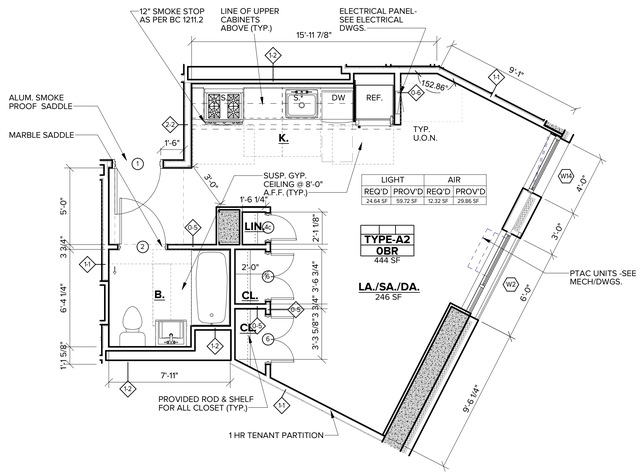
SEAL & SIGNATURE

ISSUE DATE: 07/27/22
PROJECT NO: Project Number
DRAWN BY: Author
CHECKED BY: Checker
SCALE: As indicated
SHEET NO: OF
DRAWING NO: A-402

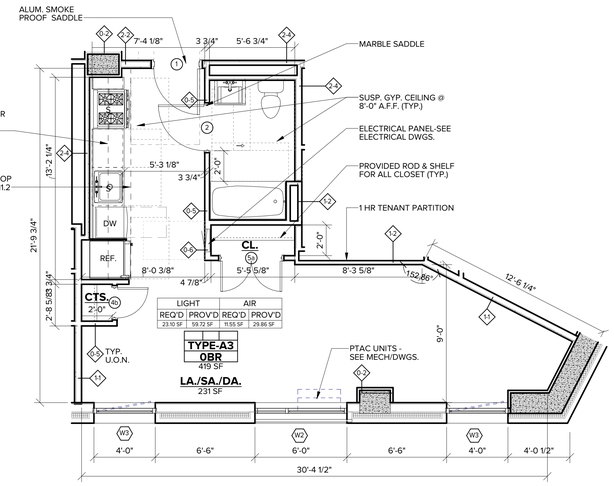
NYC DOB NUMBER: X00945951-I1



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"

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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Bronx, NY 10451

Structural Engineer
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EP ENGINEERING ASSOCIATES:
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New York, NY 10016
212.929.5656

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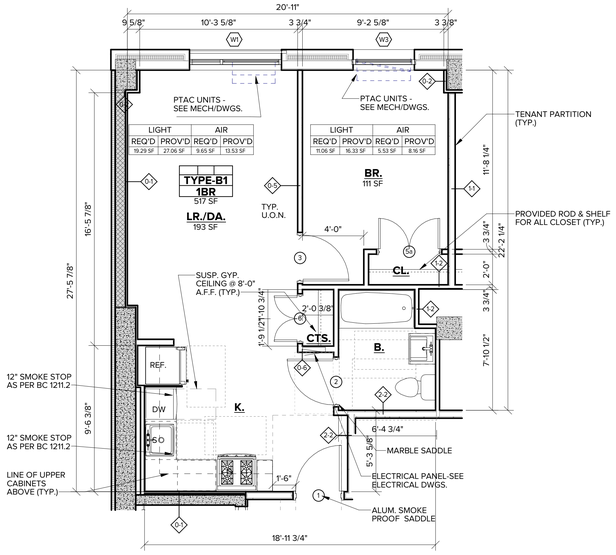
SEAL & SIGNATURE

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-500.00

NYC DOB NUMBER: X00945951-I1



1 A-502 APT TYPE B1
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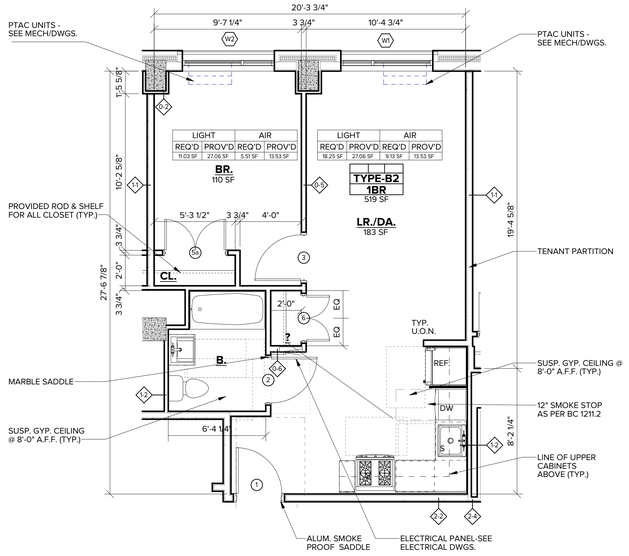

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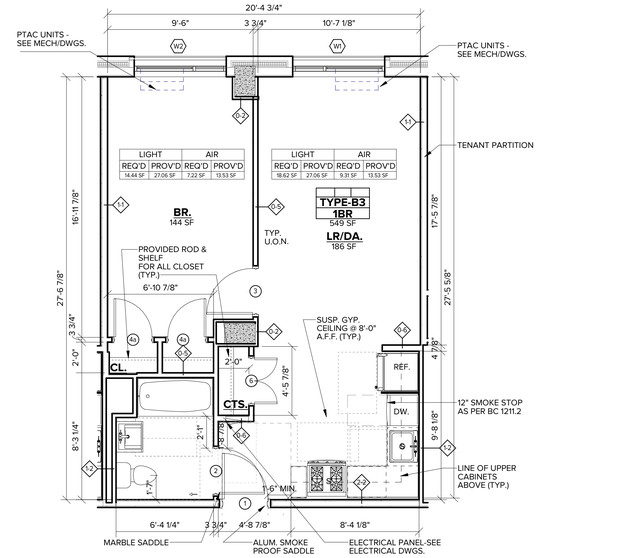
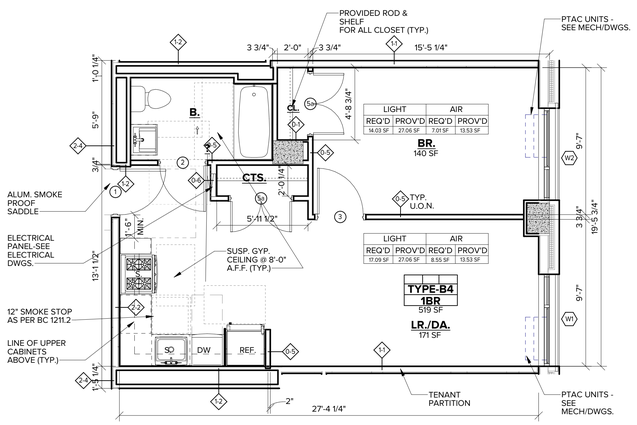


3 A-502 APT TYPE B3
1/4" = 1'-0"



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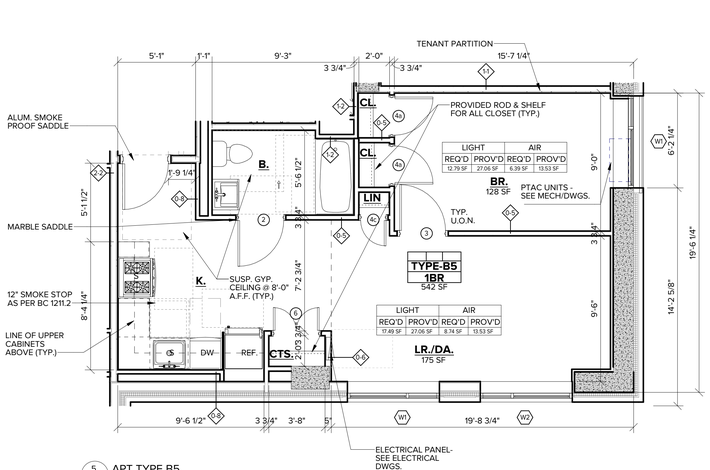
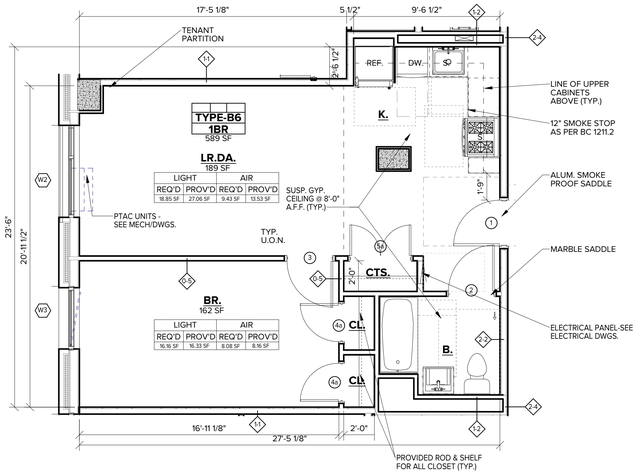
1/4" = 1'-0"



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

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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25th Floor
New York, NY 10005
212.532.2211

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New York, NY 10016
212.929.5656

DATE	SUBMISSIONS / REVISIONS
10/17/2025	ISSUED FOR 100% DD
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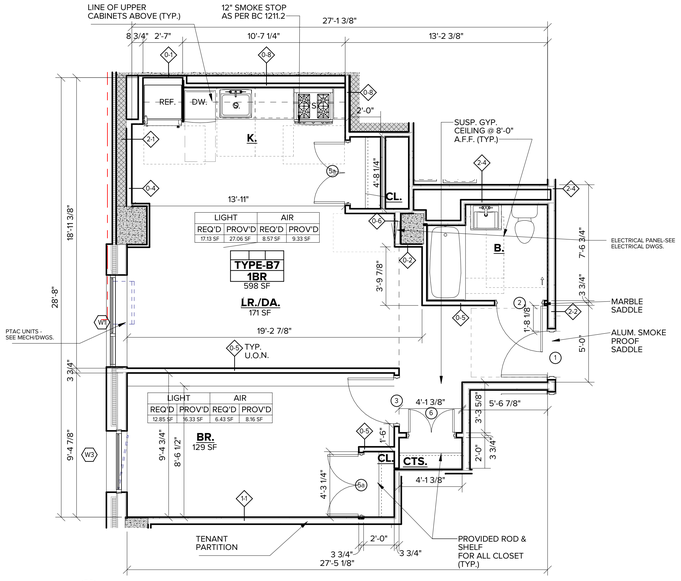
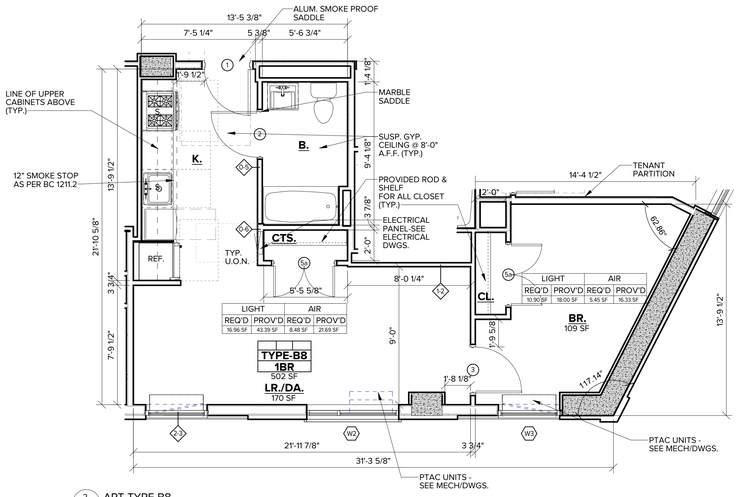
ISSUE DATE: 05/10/23
PROJECT NO: Project Number
DRAWN BY: Author
CHECKED BY: Checker
SCALE: 1/4" = 1'-0"
SHEET NO: OF
DRAWING NO: A-502.00

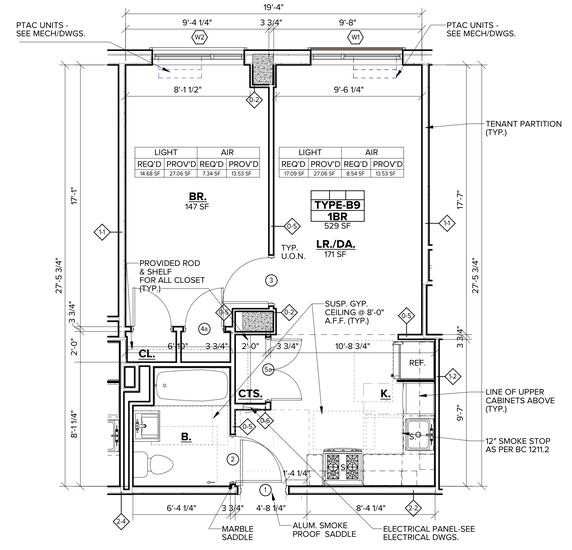
NYC DOB NUMBER: X00945951-I1



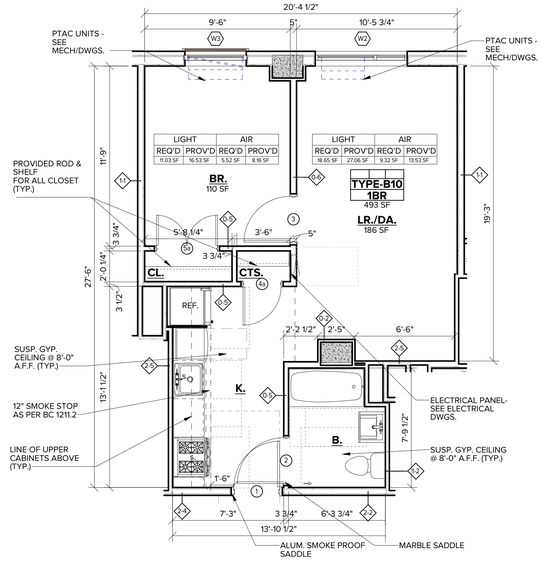
1 A-503 APT TYPE B7
1/4" = 1'-0"



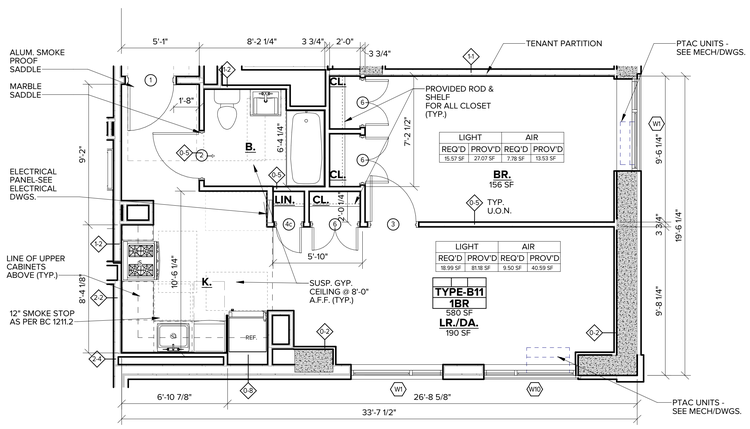
2 A-503 APT TYPE B8
1/4" = 1'-0"



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:
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ISSUE DATE: 05/10/23
PROJECT NO: Project Number
DRAWN BY: Author
CHECKED BY: Checker
SCALE: 1/4" = 1'-0"
SHEET NO: OF
DRAWING NO: A-503.00

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

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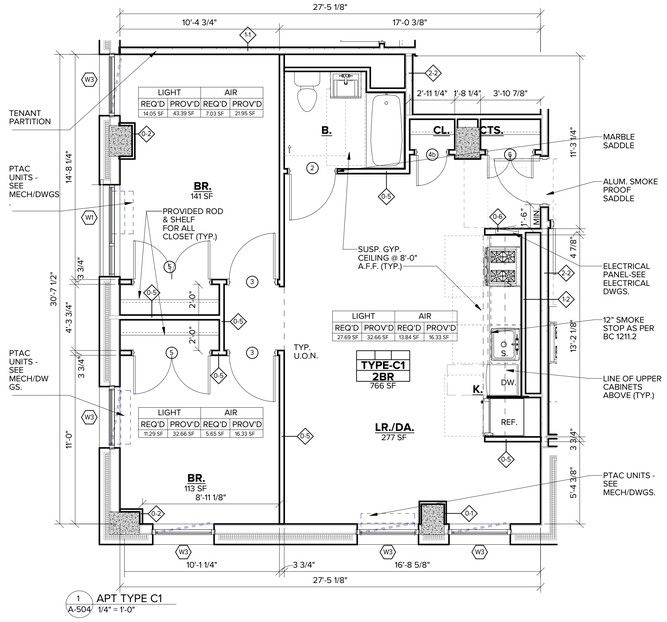
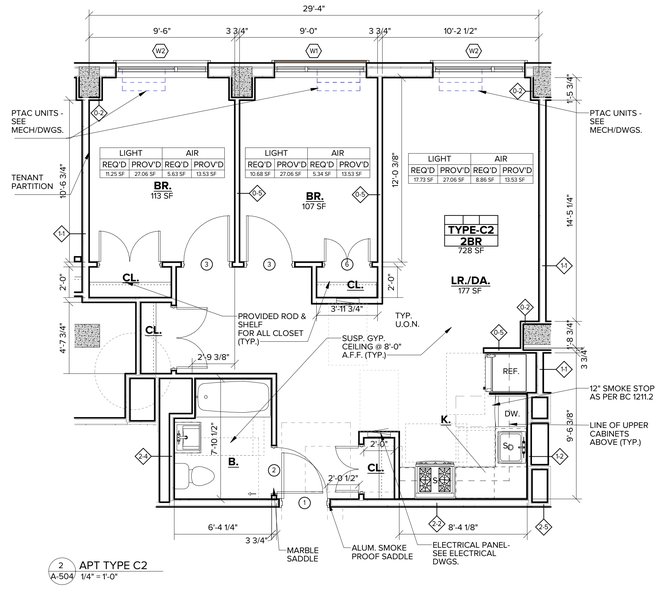
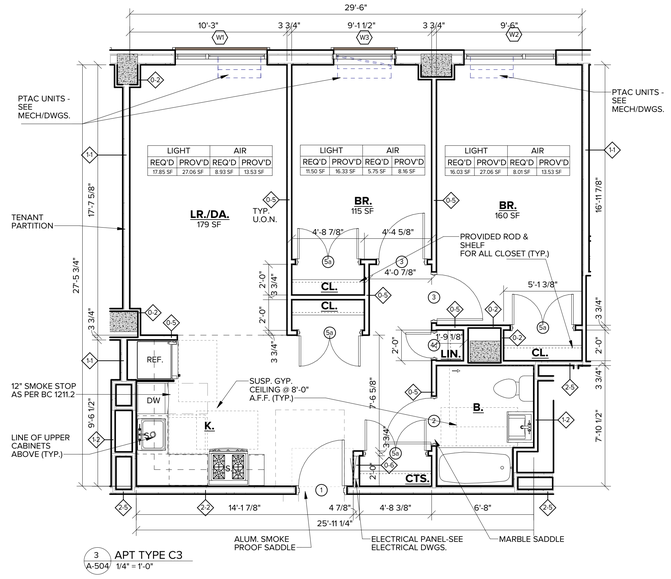
New York, NY 10016
212.929.5656



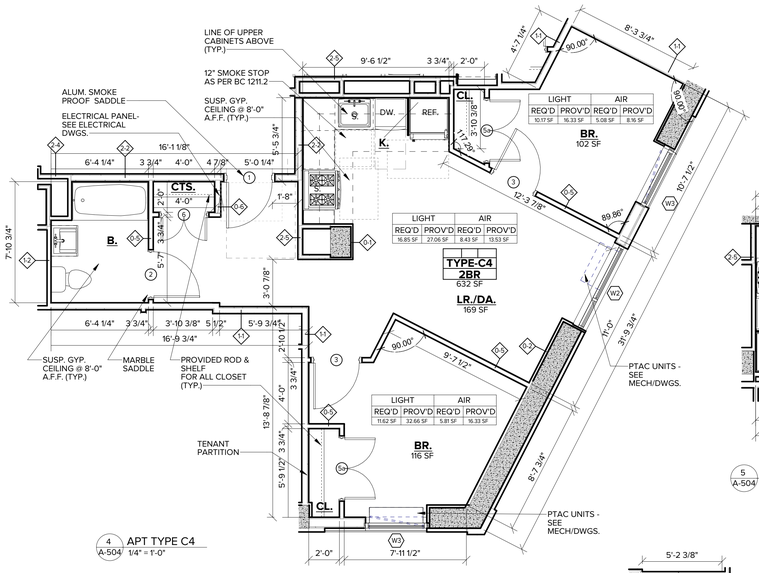
1 APT TYPE C1
A-504 1/4" = 1'-0"



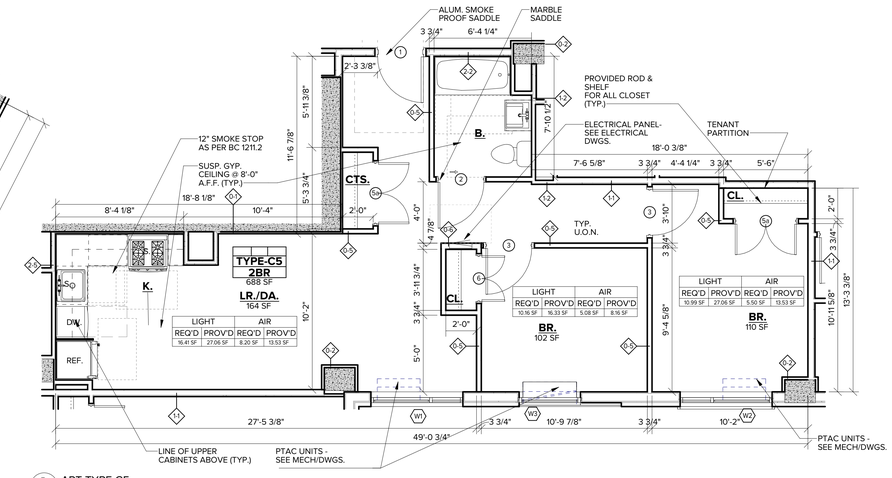
2 APT TYPE C2
A-504 1/4" = 1'-0"



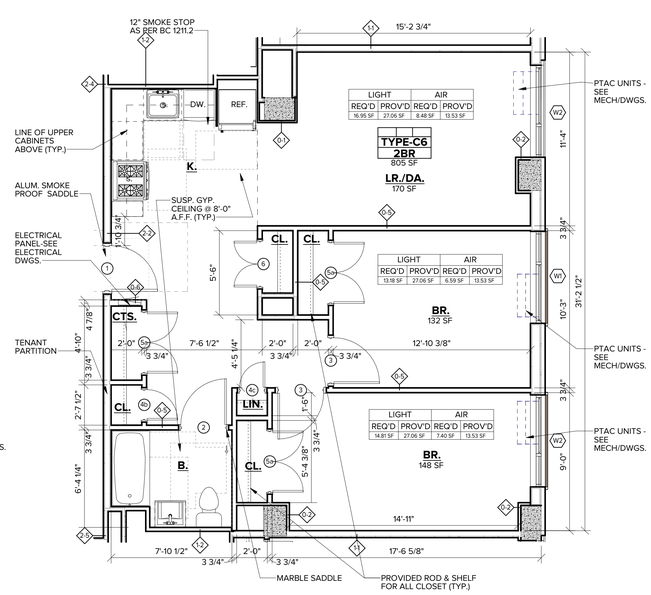
3 APT TYPE C3
A-504 1/4" = 1'-0"



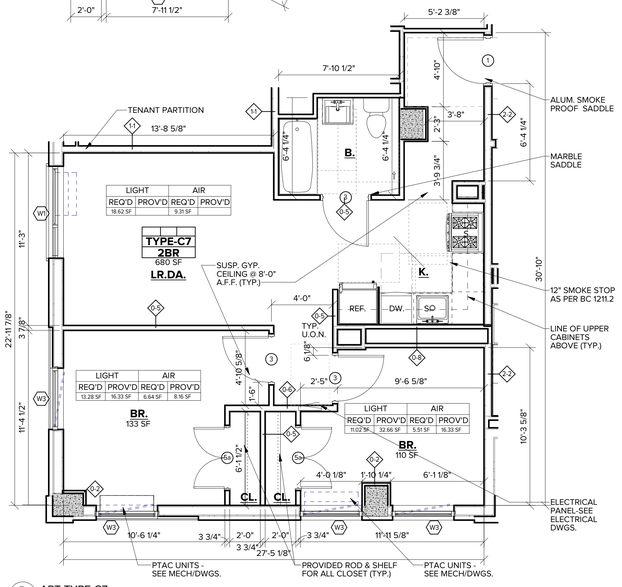
4 APT TYPE C4
A-504 1/4" = 1'-0"



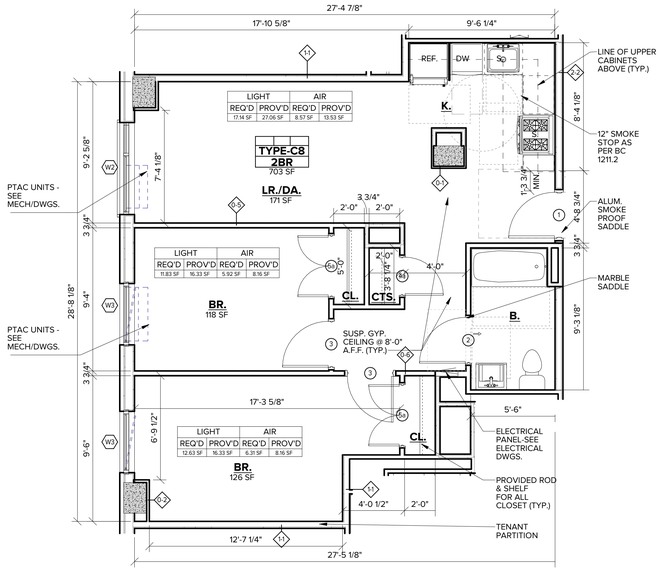
5 APT TYPE C5
A-504 1/4" = 1'-0"



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"

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:

2BR APARTMENT PLANS

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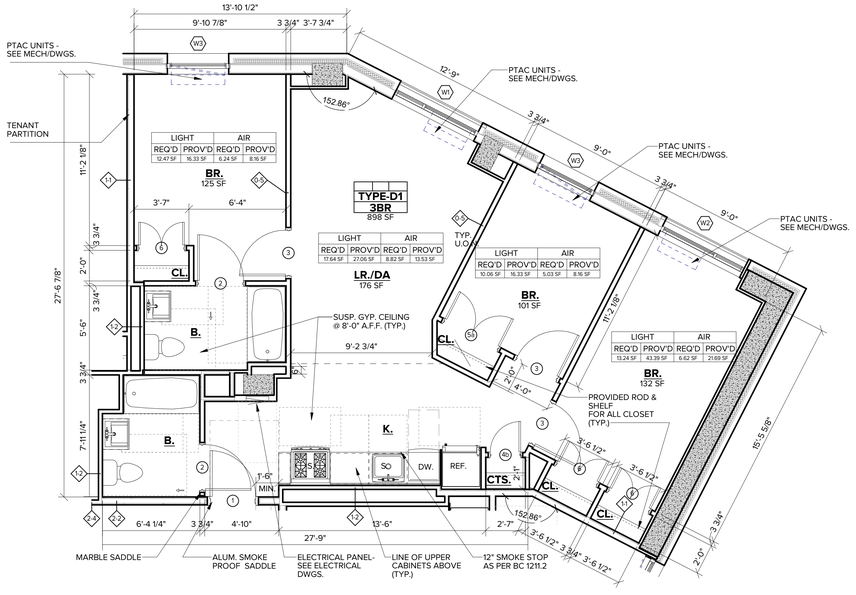
PROJECT NO: Project Number
DRAWN BY: Author
CHECKED BY: Checker
SCALE: 1/4" = 1'-0"
SHEET NO: OF
DRAWING NO: A-504.00

NYC DOB NUMBER: X00945951-I1



1 APT TYPE D1
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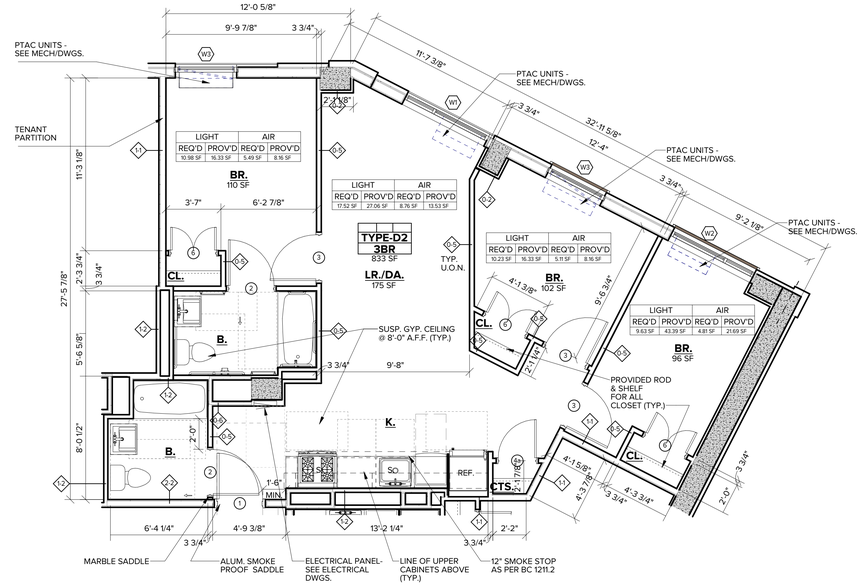

2 APT TYPE D2
A-505 1/4" = 1'-0"

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.
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
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09/15/2025	ISSUED TO DOB
05/02/2025	ISSUED FOR 50% DD
11/08/2024	ISSUED FOR 100% SD

SHEET TITLE:

3BR APARTMENT PLAN

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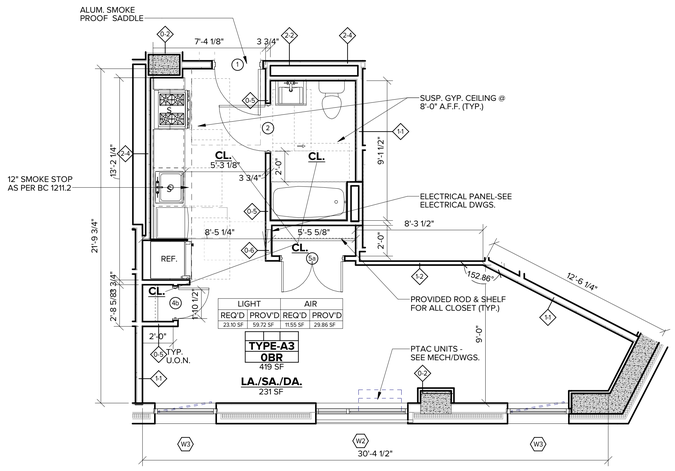
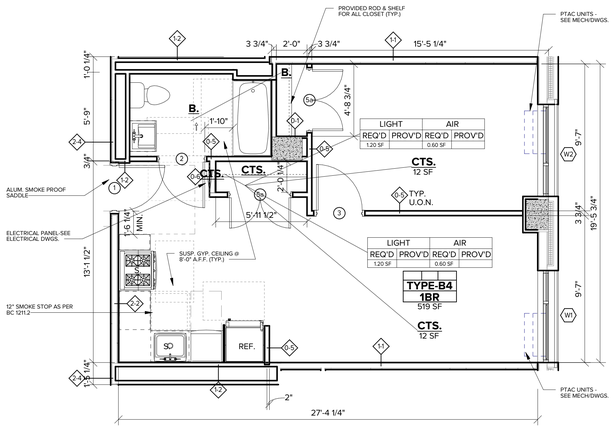
CHECKED BY: Checker
SCALE: 1/4" = 1'-0"
SHEET NO: OF
DRAWING NO: A-505.00

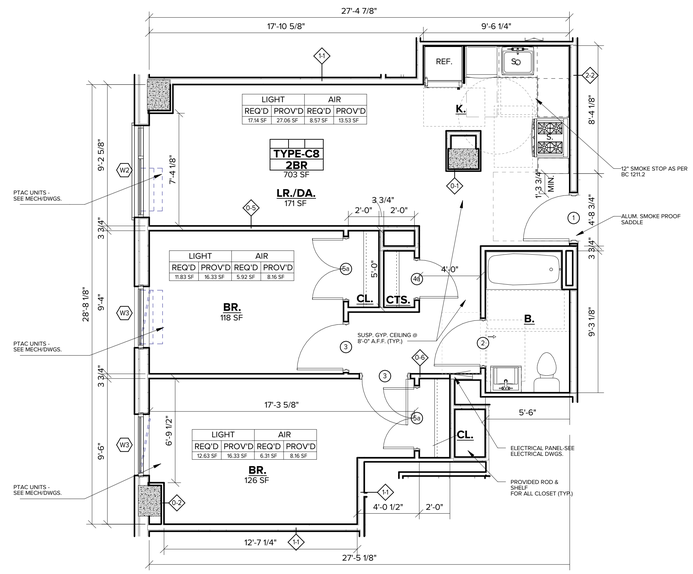
NYC DOB NUMBER: X00945951-I1



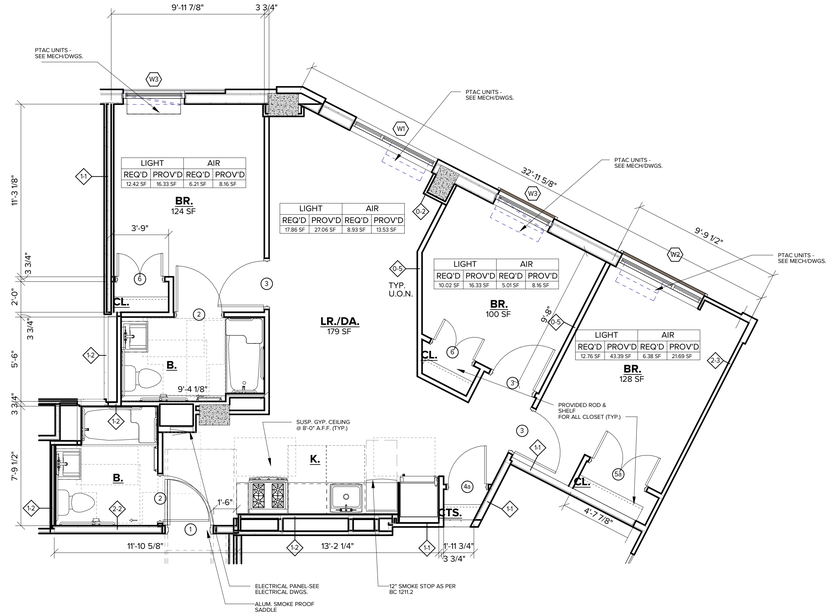
1 A-506 UFAS UNIT TYPE A3 # 207, 307, 407, 507
1/4" = 1'-0"



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:
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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DESIMONE ENGINEERING:
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PHILIP HABIB & ASSOCIATES:
432 Park Ave. South
6th Floor
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UFAS APARTMENT PLANS

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PROJECT NO: Project Number
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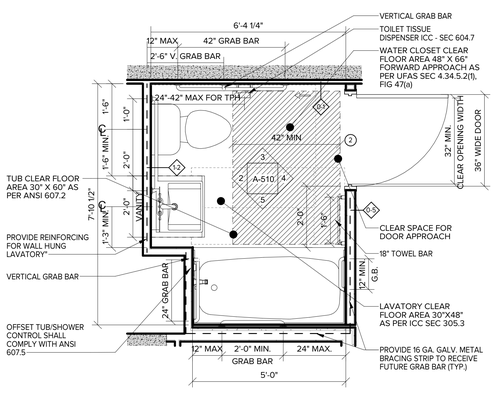
SCALE: 1/4" = 1'-0"
SHEET NO: OF

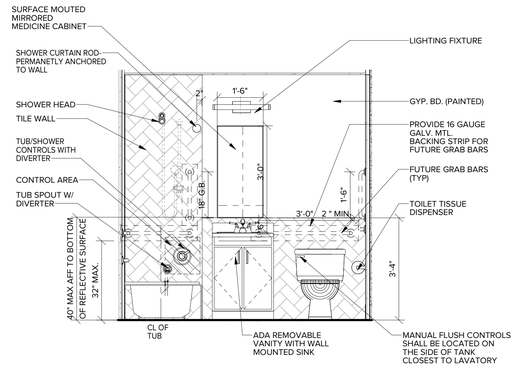
DRAWING NO:

A-506.00

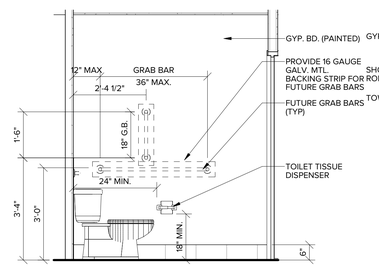
NYC DOB NUMBER: X00945951-I1



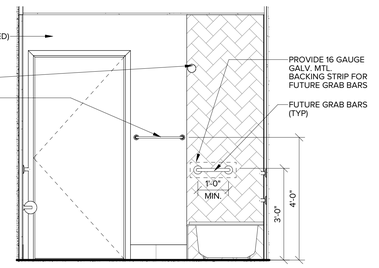
1 A-510 ENLARGED BATHROOM TYPE 1
1/2" = 1'-0"



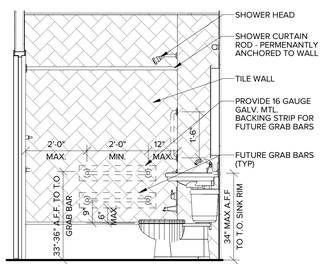
2 A-510 ELEVATION 2
1/2" = 1'-0"



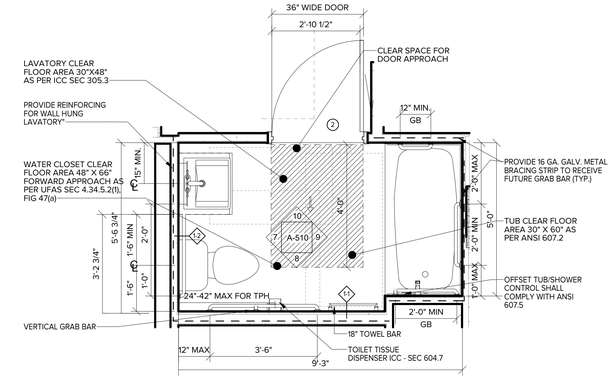
3 A-510 ELEVATION 3
1/2" = 1'-0"



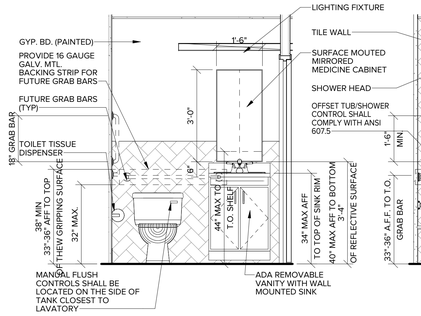
4 A-510 ELEVATION 4
1/2" = 1'-0"



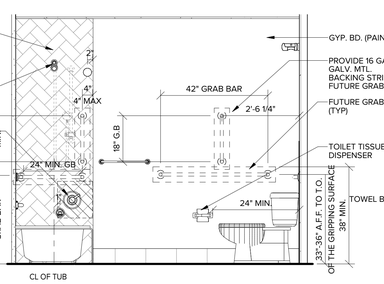
5 A-510 ELEVATION 5
1/2" = 1'-0"



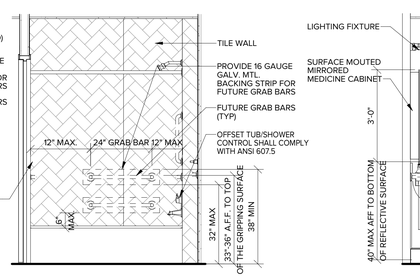
6 A-510 ENLARGED BATHROOM TYPE 2
1/2" = 1'-0"



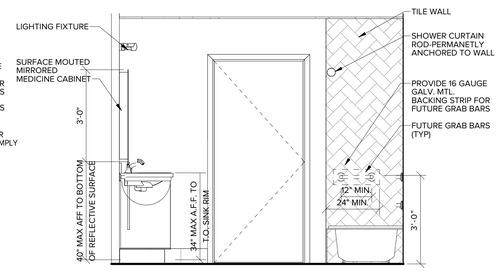
7 A-510 ELEVATION 7
1/2" = 1'-0"



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"

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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New York, NY 10038
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Civil Engineer
PHILIP HABIB & ASSOCIATES:
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SHEET TITLE:

TYPICAL BATHROOM PLANS & ELEVATIONS

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PROJECT NO: Project Number
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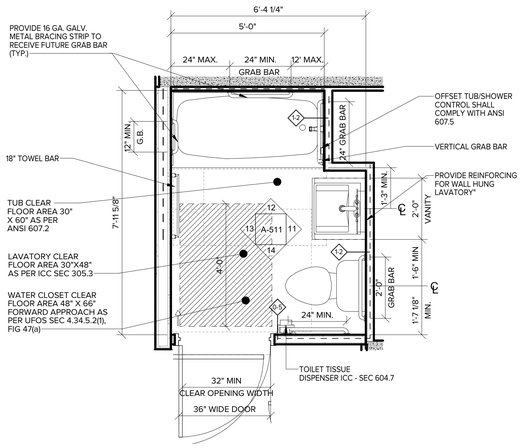
SCALE: 1/2" = 1'-0"
SHEET NO: OF
DRAWING NO: A-510.00

NYC DOB NUMBER: X00945951-I1



1 A-511 ENLARGED BATHROOM TYPE 3
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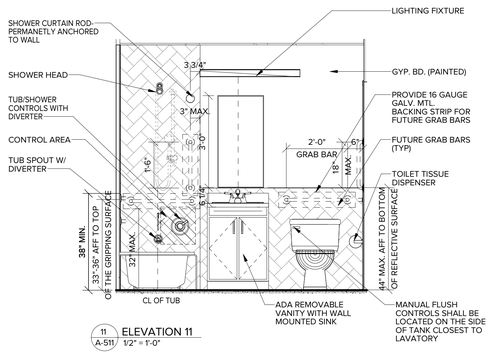
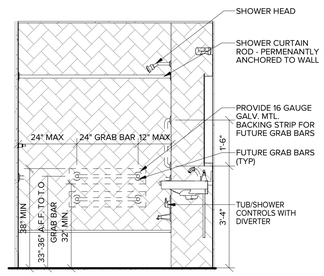
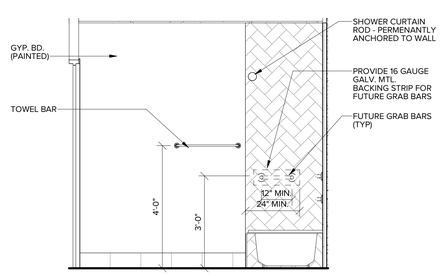


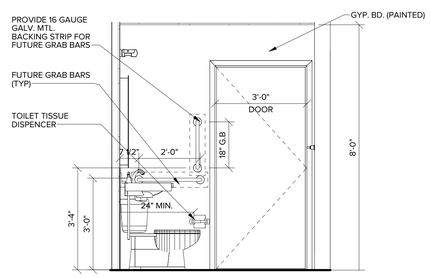
11 A-511 ELEVATION 11
1/2" = 1'-0"



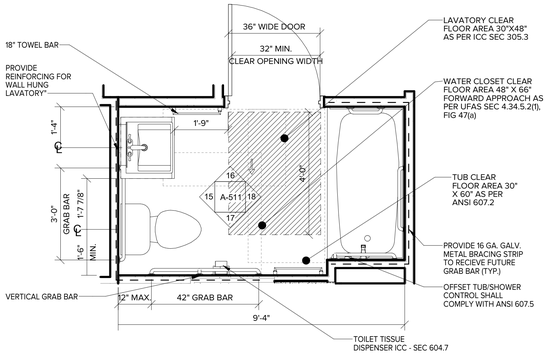
12 A-511 ELEVATION 12
1/2" = 1'-0"



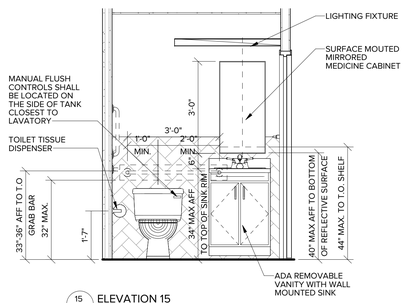
13 A-511 ELEVATION 13
1/2" = 1'-0"



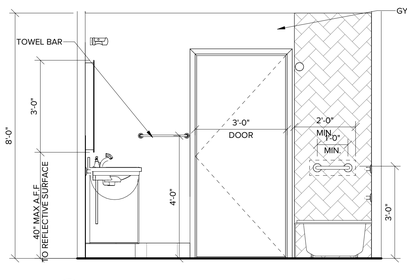
14 A-511 ELEVTION 14
1/2" = 1'-0"



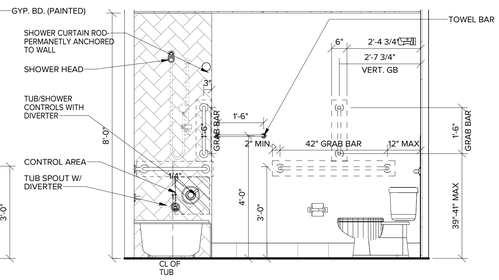
2 A-511 ENLARGED BATHROOM TYPE 4
1/2" = 1'-0"



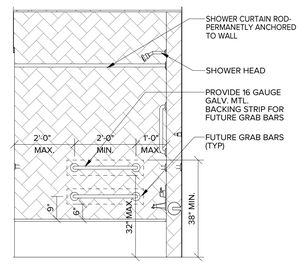
15 A-511 ELEVATION 15
1/2" = 1'-0"



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:
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 BATHROOM PLANS & ELEVATIONS

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PROJECT NO: Project Number
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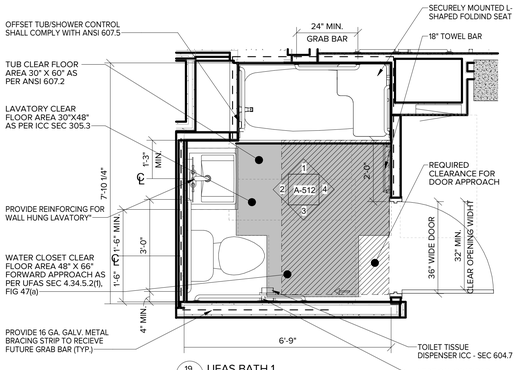
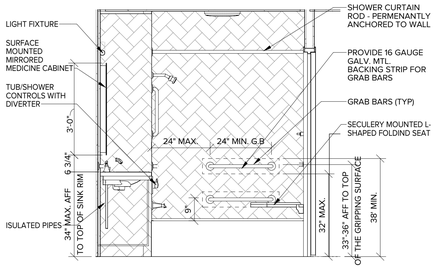
CHECKED BY: Checker
SCALE: 1/2" = 1'-0"
SHEET NO: OF
DRAWING NO: A-511.00

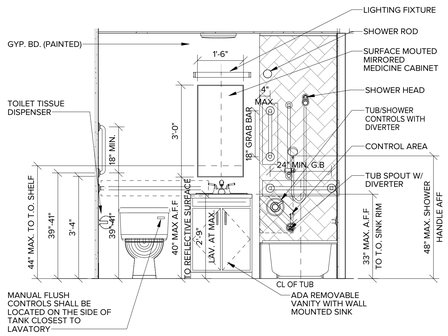
NYC DOB NUMBER: X00945951-I1



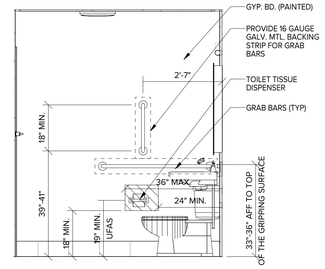
19 A-512 UFAS BATH 1
1/2" = 1'-0"



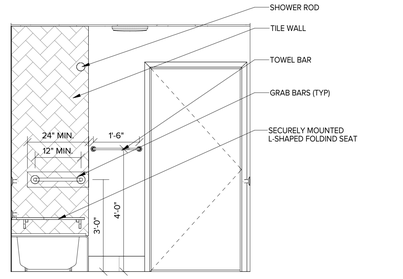
1 A-512 ELEVATION 19
1/2" = 1'-0"



2 A-512 ELEVATION 20
1/2" = 1'-0"



3 A-512 ELEVATION 21
1/2" = 1'-0"



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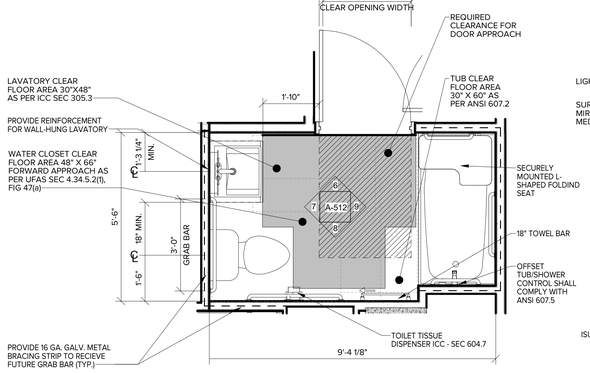
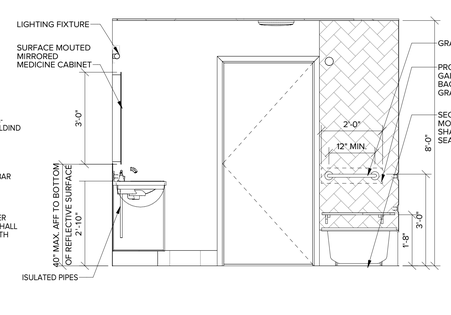
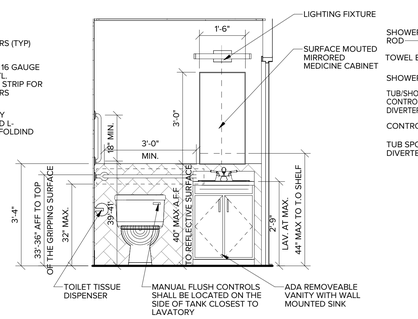
1/2" = 1'-0"



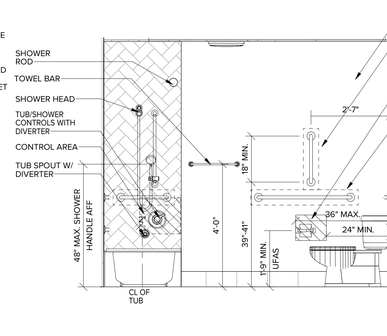
5 A-512 UFAS BATH TYPE 2
1/2" = 1'-0"



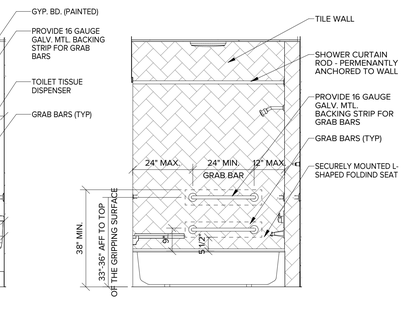
6 A-512 ELEVATION 23
1/2" = 1'-0"



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"

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UFAS BATHROOM PLANS & ELEVATIONS

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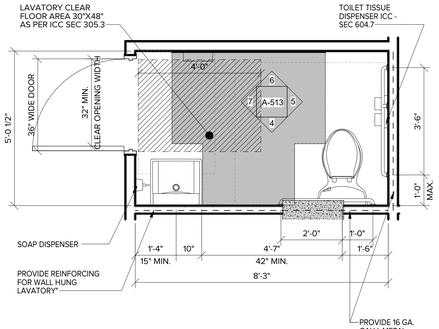
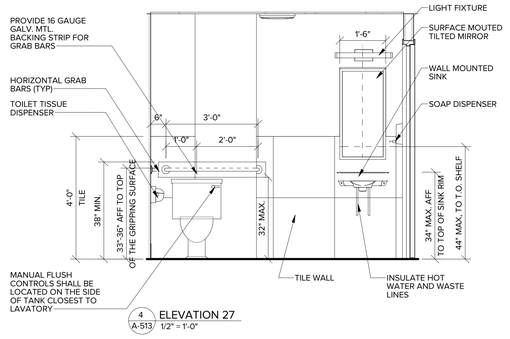
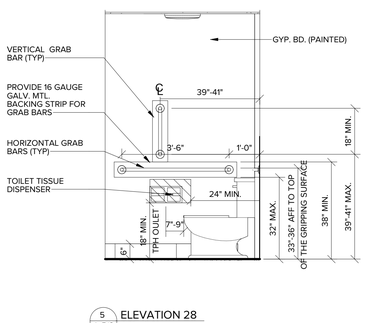


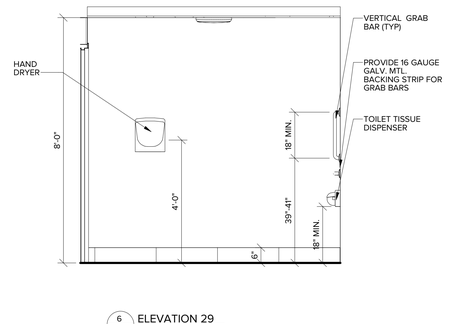
1 A-513 STAFF BATHROOM @ CELLAR FLOOR
1/2" = 1'-0"



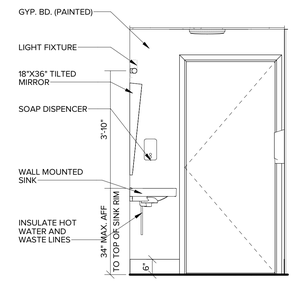
4 A-513 ELEVATION 27
1/2" = 1'-0"



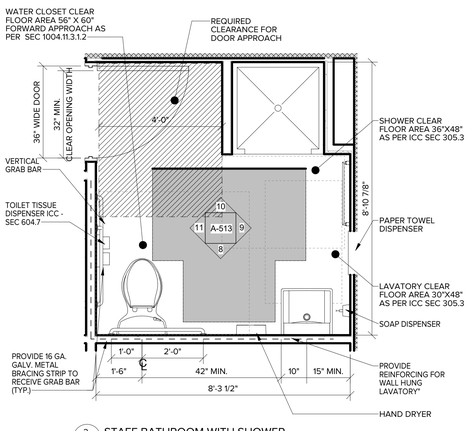
5 A-513 ELEVATION 28
1/2" = 1'-0"



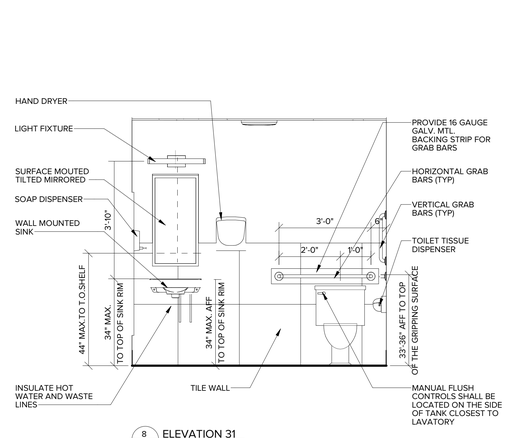
6 A-513 ELEVATION 29
1/2" = 1'-0"



7 A-513 ELEVATION 30
1/2" = 1'-0"



1 A-514 OFFICE BATHROOMS 1ST FLOOR
1/2" = 1'-0"



8 A-513 ELEVATION 31
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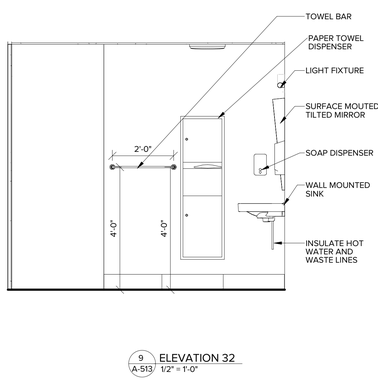

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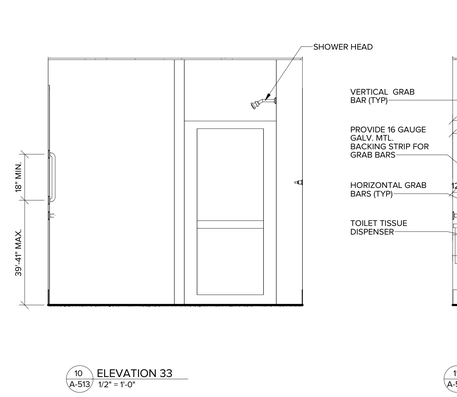
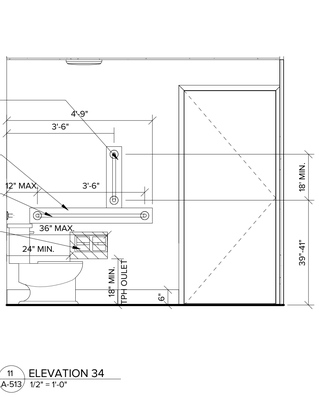
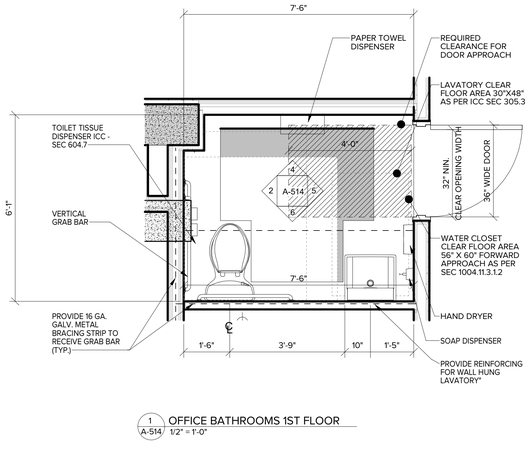
1/2" = 1'-0"



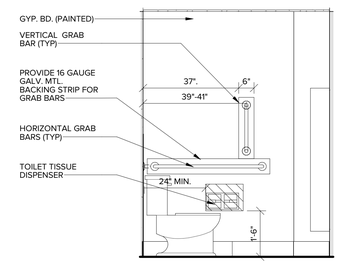
10 A-513 ELEVATION 33
1/2" = 1'-0"



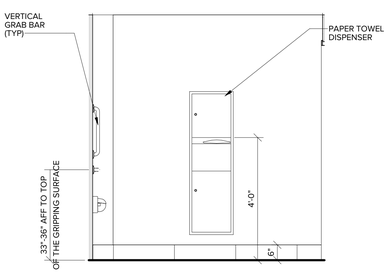
11 A-513 ELEVATION 34
1/2" = 1'-0"



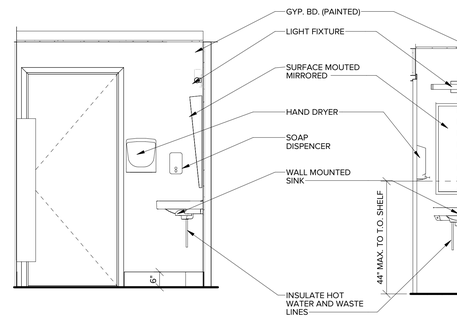
1 A-514 OFFICE BATHROOMS 1ST FLOOR
1/2" = 1'-0"



ELEVATION 35
1/2" = 1'-0"



4 A-514 ELEVATION 36
1/2" = 1'-0"



5 A-514 ELEVATION 37
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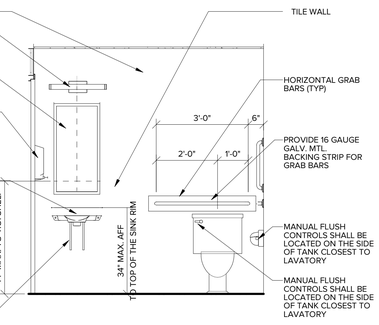

6 A-514 ELEVATION 38
1/2" = 1'-0"

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

310 E. 161ST ST EAST TOWER

BRONX, NY 10451

BLOCK: 2420 LOT: 120 & 150

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PUBLIC BATHROOM PLANS & ELEVATIONS

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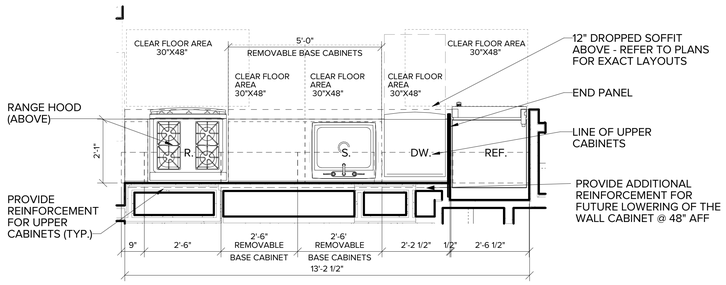
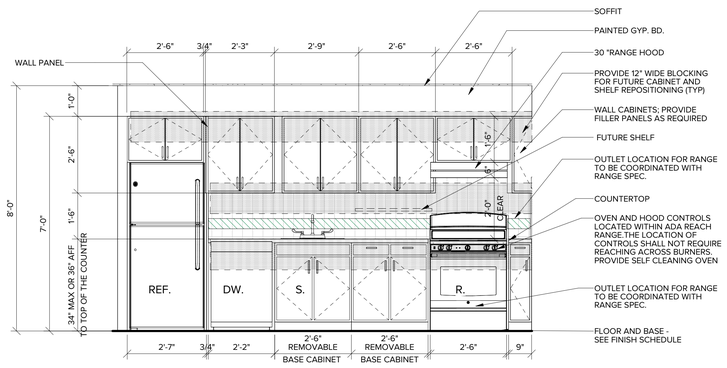
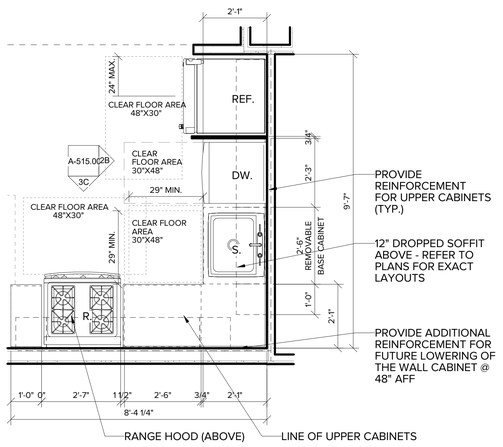


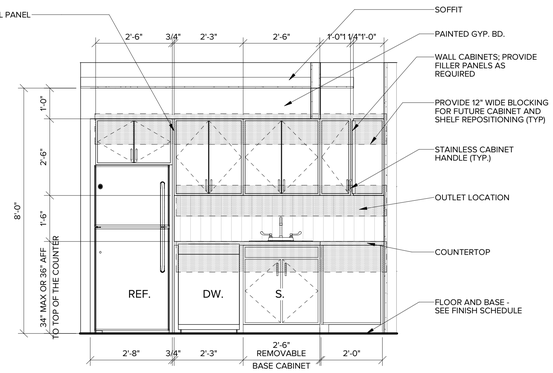
1 ENLARDED KITCHEN PLAN-STRIPE SHAPE
A-515.00 1/2" = 1'-0"



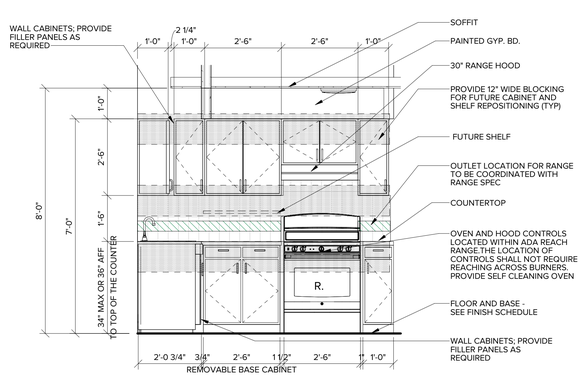
1A ELEVATION 1A
A-515.00 1/2" = 1'-0"



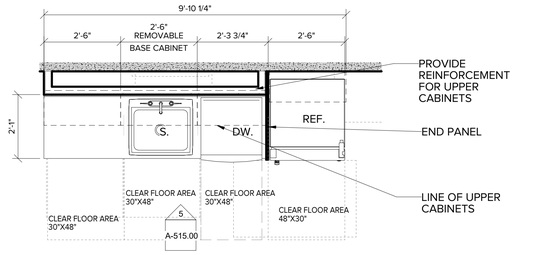
2 ENLARGED KITCHEN PLAN-L SHAPE
A-515.00 1/2" = 1'-0"



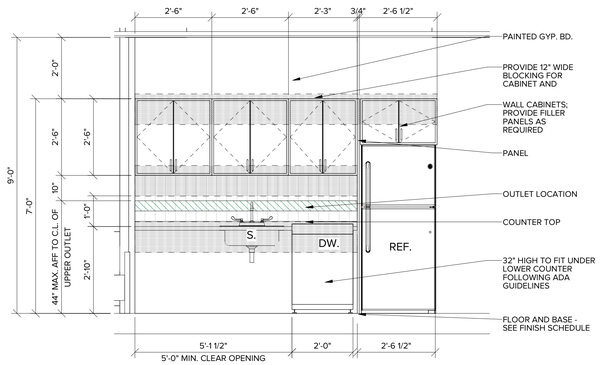
2B ELEVATION 2B
A-515.00 1/2" = 1'-0"



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"

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TYPICAL KITCHEN PLANS & ELEVATIONS

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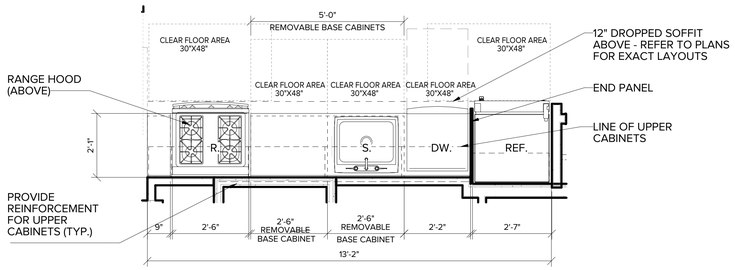
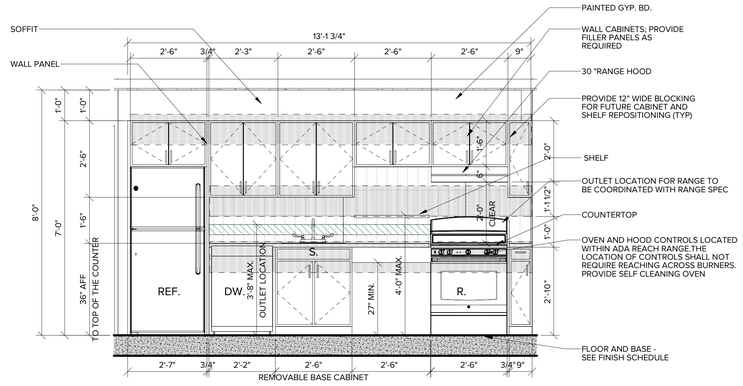
DRAWING NO: A-515.00

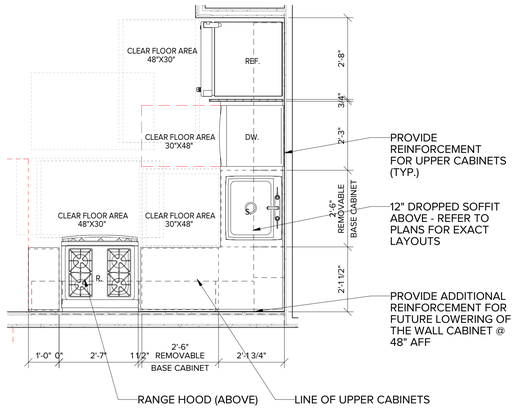
NYC DOB NUMBER: X00945951-I1



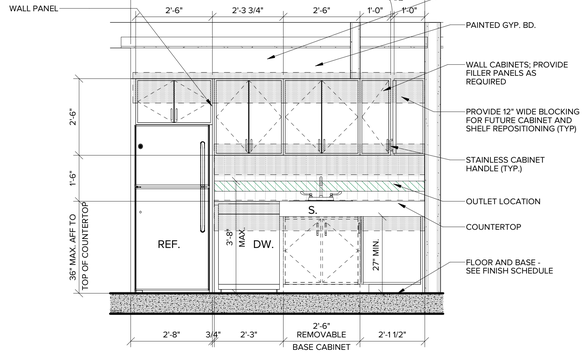
1 UFAS KITCHEN
A-516.00 1/2" = 1'-0"



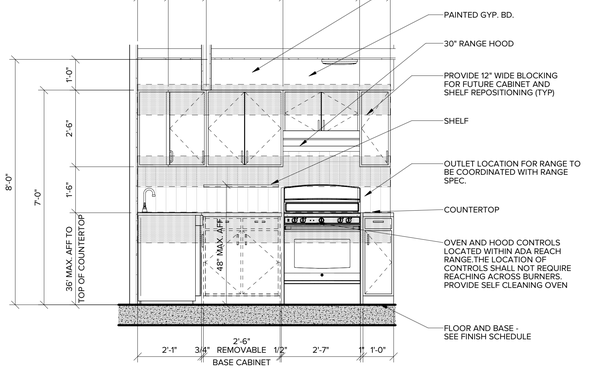
2 ELEVATION 2A
A-516.00 1/2" = 1'-0"



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"

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
10/07/2024	ISSUED FOR 100% SD

SHEET TITLE:

UFAS KITCHEN PLANS & ELEVATIONS

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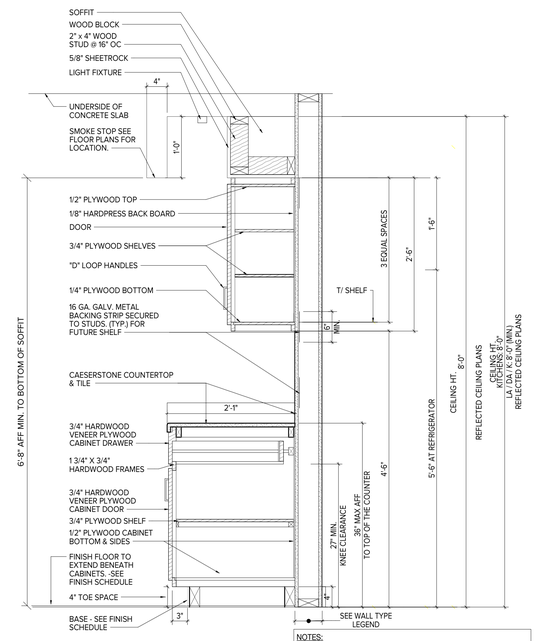
SEAL & SIGNATURE

ISSUE DATE: 07/27/22
PROJECT NO: ~~Project Number~~
DRAWN BY: Author
CHECKED BY: Checker
SCALE: 1/2" = 1'-0"
SHEET NO: OF
DRAWING NO: A-516.00

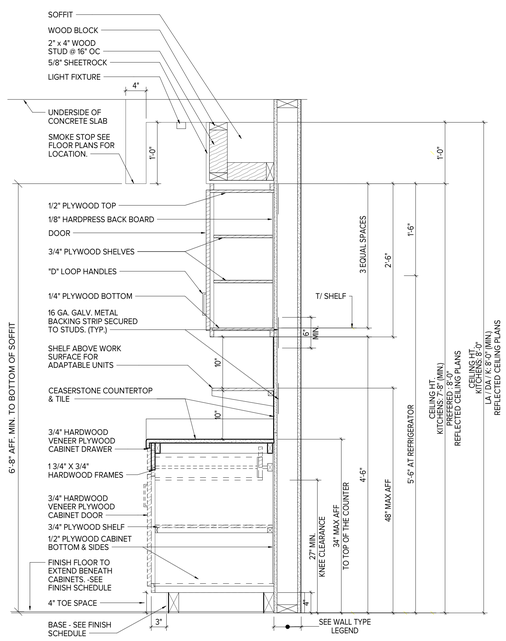
NYC DOB NUMBER: X00945951-I1

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"

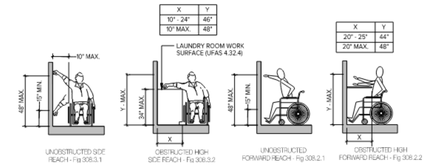


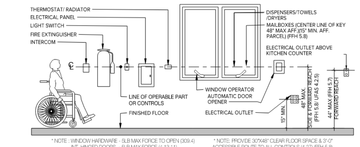
TYP. KITCHEN CABINET DETAIL UFAS
1" = 1'-0"

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

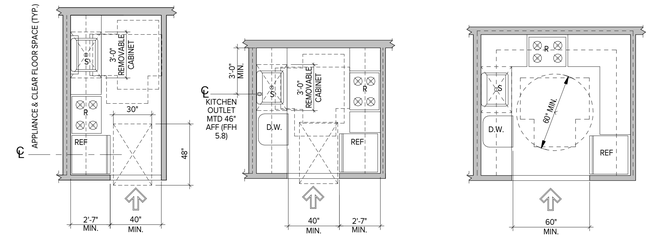


Fig 1013.12.1.1/ 804.21

Fig 1013.12.1.2/ 804.22

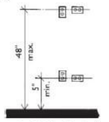
NOTE:
1. PROVIDE EITHER PARALLEL OR PERPENDICULAR APPROACH TO EACH FIXTURE/ APPLIANCE FFH 7.3
2. PARALLEL APPROACH IS REQUIRED A REFRIGERATOR (2014 NYC BC)
3. PROVIDE (2) 30" WIDE REMOVABLE CABINETS

KITCHEN HEIGHT REQUIREMENTS & MINIMUM KITCHEN CLEARANCE

FAIR HOUSING ACT DESIGN MANUAL

Mounting Locations for Outlets

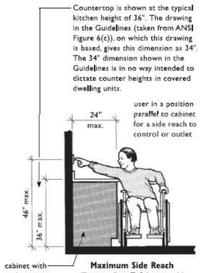
For accessible controls and outlets, all operable parts must be within the ranges specified above. When electrical outlets are installed horizontally or vertically, duplex outlets must have both receptacles within the reach range. Measurements are made as illustrated below.



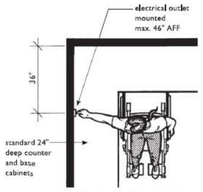
Mounting Height for Outlets

FHA DESIGN MANUAL (WHERE APPLICABLE)

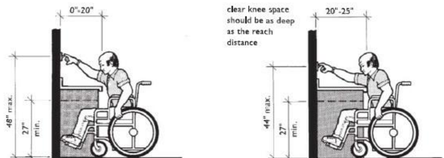
Countertop is shown at the typical kitchen height of 36". The drawing in the Guidelines (taken from ANSI Figure 6(c)), on which this drawing is based, gives this dimension as 34". The 34" dimension shown in the Guidelines is in no way intended to dictate counter heights in covered dwelling units.

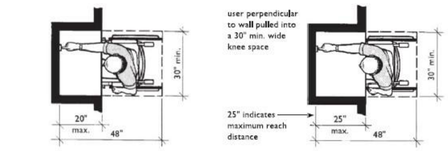


Maximum Side Reach (From a Parallel Approach) Over an Obstruction

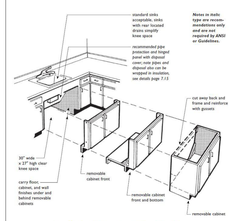


Electrical Outlets on Walls Over Cabinets Must Be a Minimum of 36" from a Corner

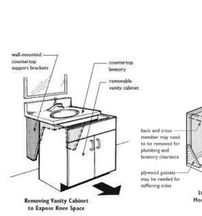




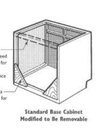
Maximum Forward Reach (From a Perpendicular Approach) over an Obstruction



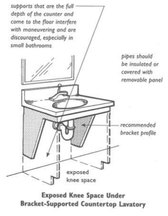
Possible Removable Cabinet Options for Required Knee Spaces at Sinks or Cooktops in Narrow (Less Than 60" Wide) U-Shaped Kitchens



Removing Vanity Cabinet to Expose Knee Space

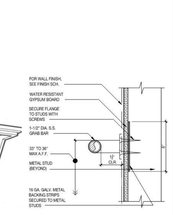


Standard Base Cabinet Modified to Be Removable

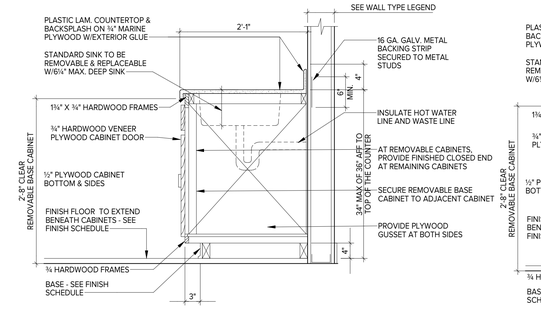


Exposed Knee Space Under Bracket-Supported Countertop Lavatory

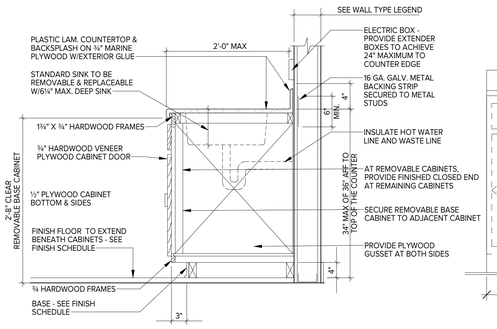
Lavatory with Removable Insulation Pipe Protection



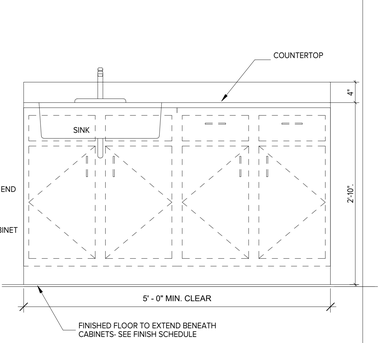
GRAB BAR DETAIL



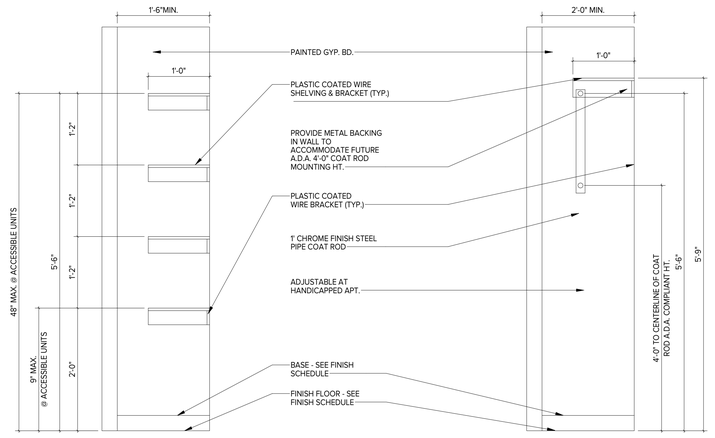
SECTION THRU REMOVABLE KITCHEN CABINET DETAIL
1 A-517.00 1" = 1'-0"



SECTION THRU REMOVABLE KITCHEN CABINET DETAIL - UFAS
3 A-517.00 1" = 1'-0"

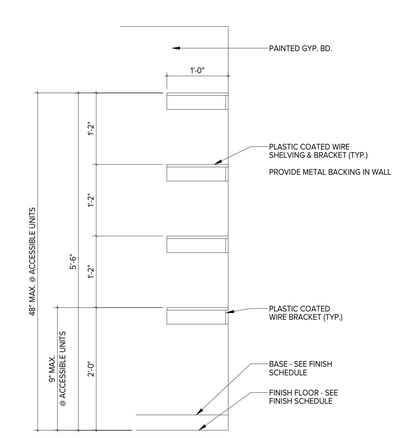


2 TYPICAL KITCHEN REMOVABLE BASE CABINET
A-517.00 1" = 1'-0"



LINEN CLOSET SHELVING
1" = 1'-0"

CLOSET / COAT CLOSET HANGING ROD & SHELF
1" = 1'-0"



STORAGE CLOSET SHELVING
1" = 1'-0"

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
01/31/2024	ISSUED FOR 100% SD

SHEET TITLE:

KITCHEN AND MISCELLANEOUS INTERIOR MILLWORK DETAILS

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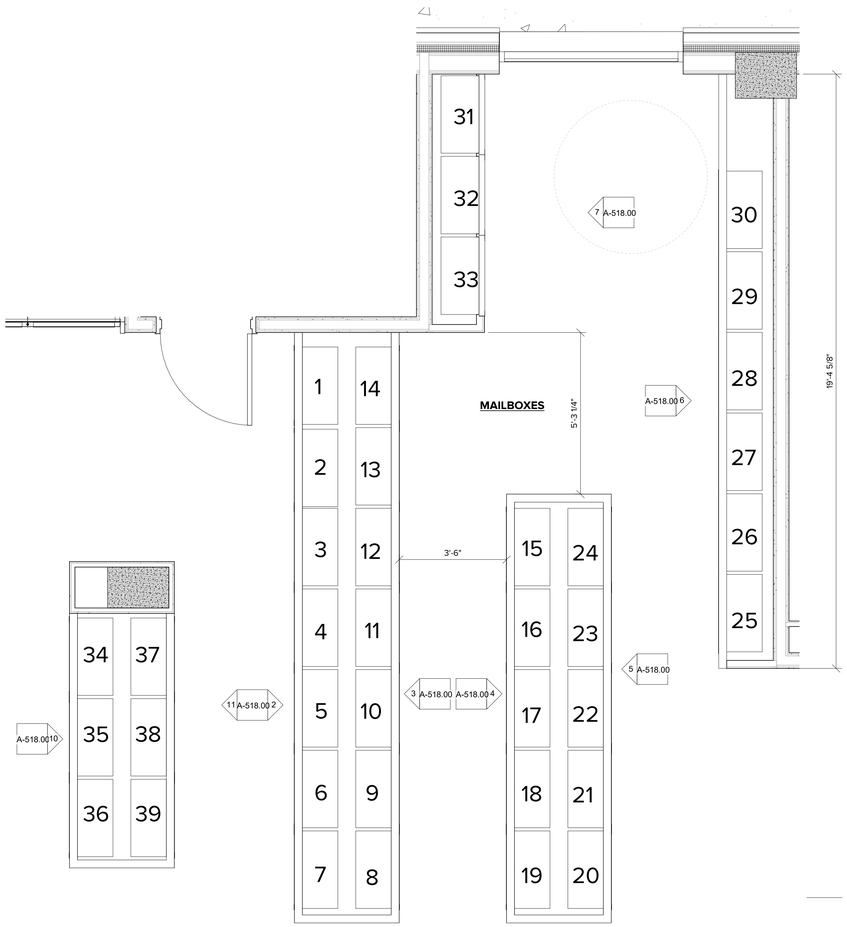
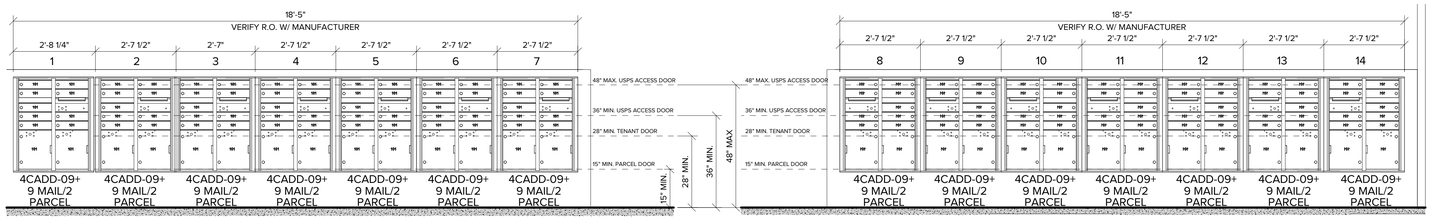
ISSUE DATE: 07/27/22
PROJECT NO: Project Number
DRAWN BY: Author
CHECKED BY: Checker
SCALE: As indicated
SHEET NO: OF

DRAWING NO:
A-517.00

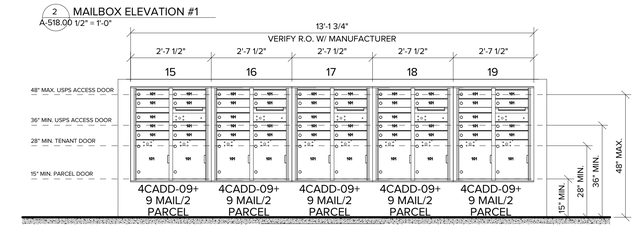
NYC DOB NUMBER: X00945951-I1



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
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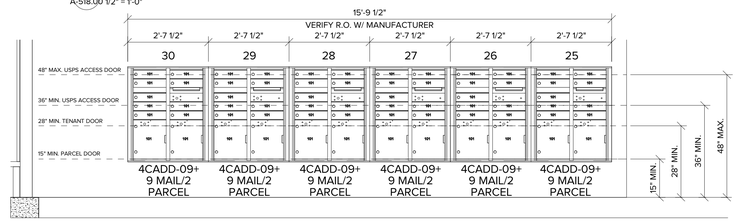

6 MAILBOX ELEVATION #5
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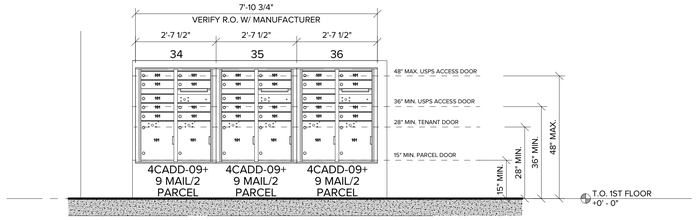
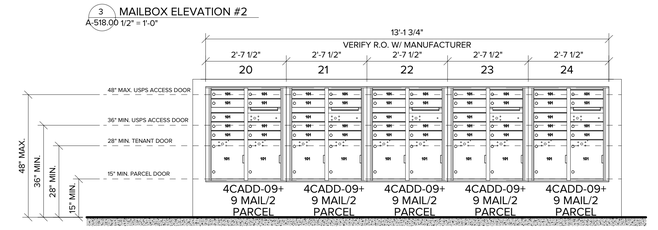


10 MAILBOX ELEVATION #7
A-518.00 1/2" = 1'-0"

3 MAILBOX ELEVATION #2
A-518.00 1/2" = 1'-0"



5 MAILBOX ELEVATION #4
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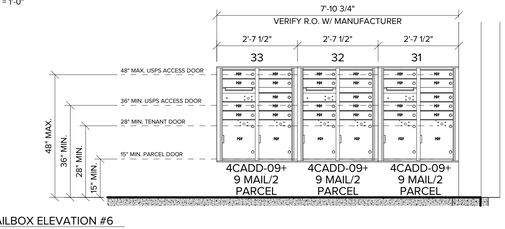

7 MAILBOX ELEVATION #6
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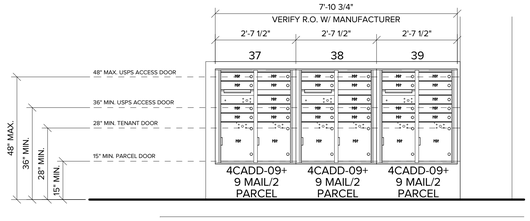
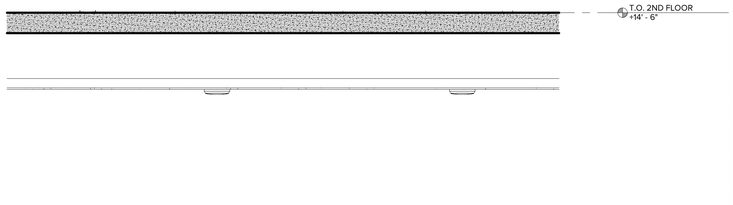
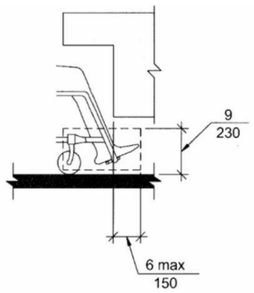


11 MAILBOX ELEVATION #8
A-518.00 1/2" = 1'-0"





(a)
Elevation

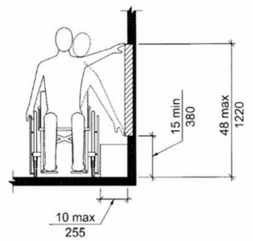
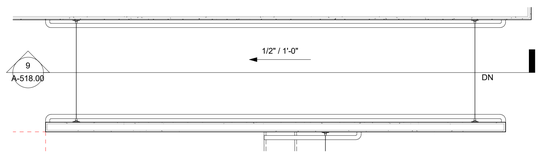
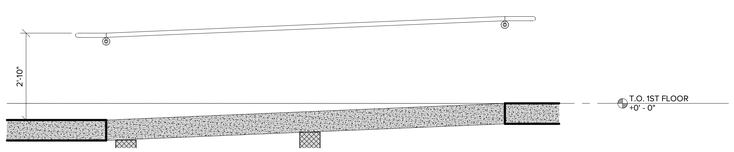


FIG. 308.3.1
UNOBSTRUCTED SIDE REACH



8 RAMP PLAN @ 1ST FLOOR
A-518.00 1/2" = 1'-0"



9 RAMP PLAN SECTION
A-518.00 1/2" = 1'-0"

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
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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25th Floor
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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

DATE	SUBMISSIONS / REVISIONS
10/17/2025	ISSUED FOR 100% DD
09/15/2025	ISSUED TO DOB
05/02/2025	ISSUED FOR 50% DD
10/07/2024	ISSUED FOR 100% SD

SHEET TITLE:

MAILBOX ROOM, RAMP AND ELEVATIONS

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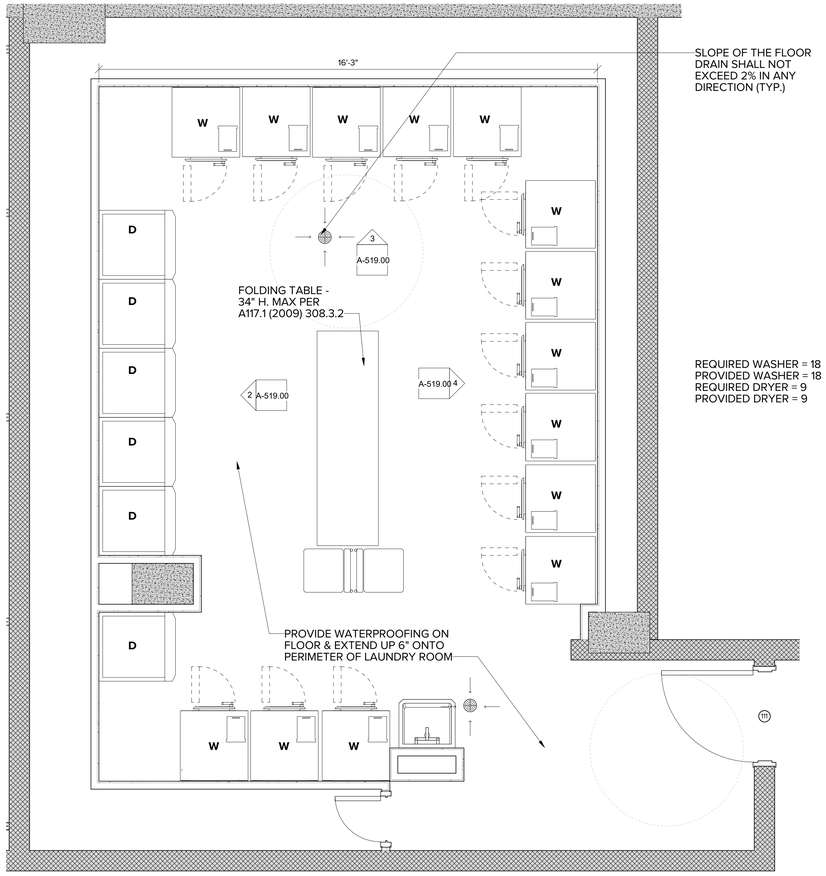
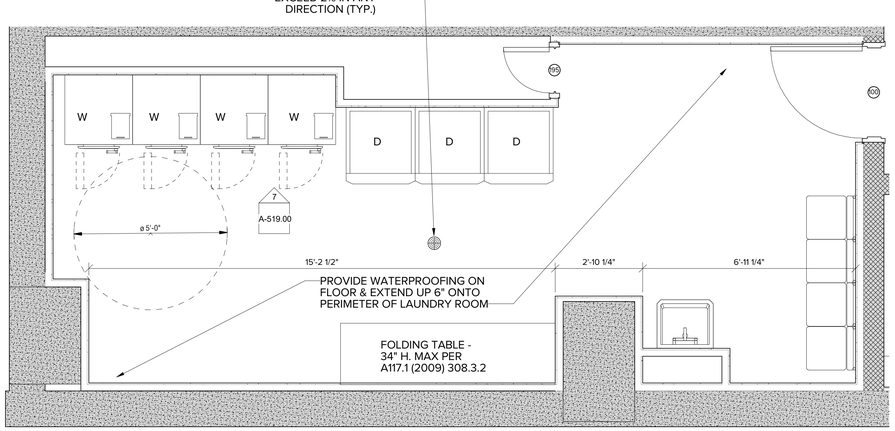
SCALE: 1/2" = 1'-0"
SHEET NO: OF

DRAWING NO:
A-518.00

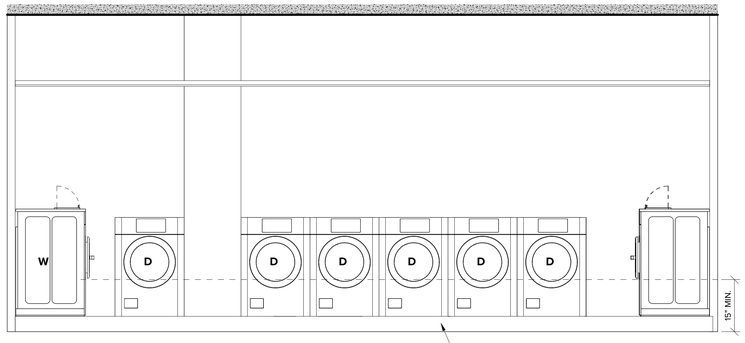
NYC DOB NUMBER: X00945951-I1



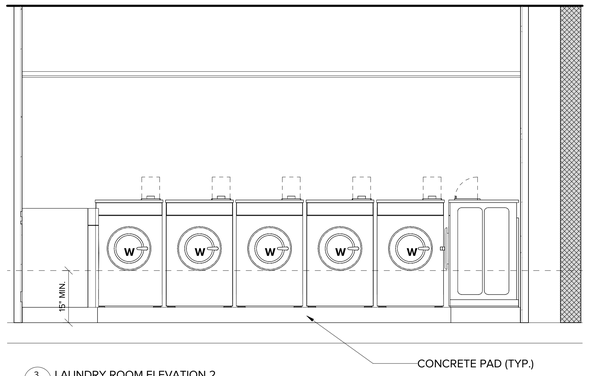
1 LAUNDRY ROOM
A-519.00 1/2" = 1'-0"



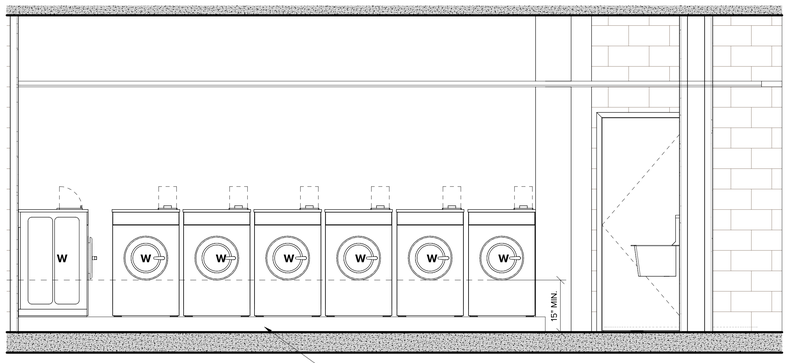
6 LAUNDRY ROOM 2
A-519.00 1/2" = 1'-0"



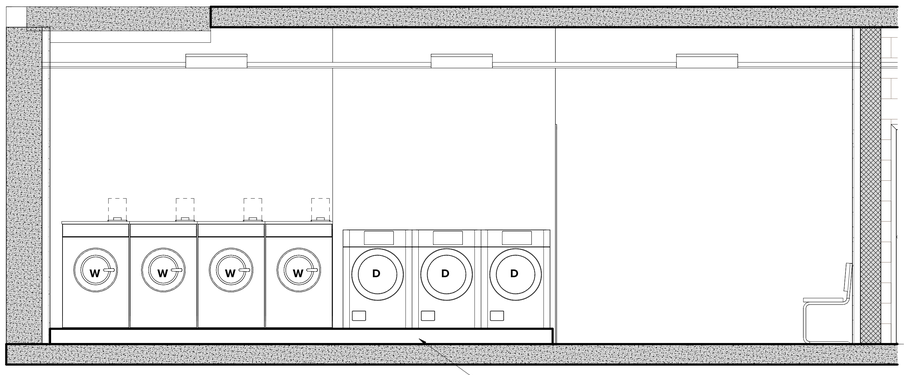
2 LAUNDRY ROOM ELEVATION 1
A-519.00 1/2" = 1'-0"



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"

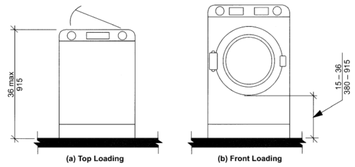
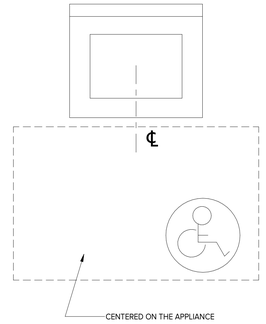
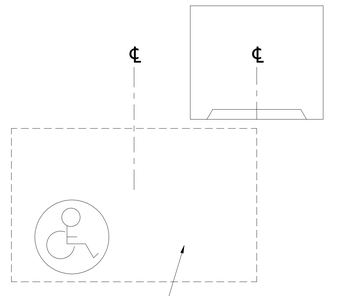


FIG. 611.4
HEIGHT OF LAUNDRY EQUIPMENT



(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:
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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MEP Engineer
EP ENGINEERING ASSOCIATES:
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New York, NY 10038
646.779.0758

Civil Engineer
PHILIP HABIB & ASSOCIATES:
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6th Floor
New York, NY 10016
212.929.5656

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05/02/2025	ISSUED FOR 50% DD
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SHEET TITLE:

LAUNDRY ROOM PLAN, AND ELEVATIONS

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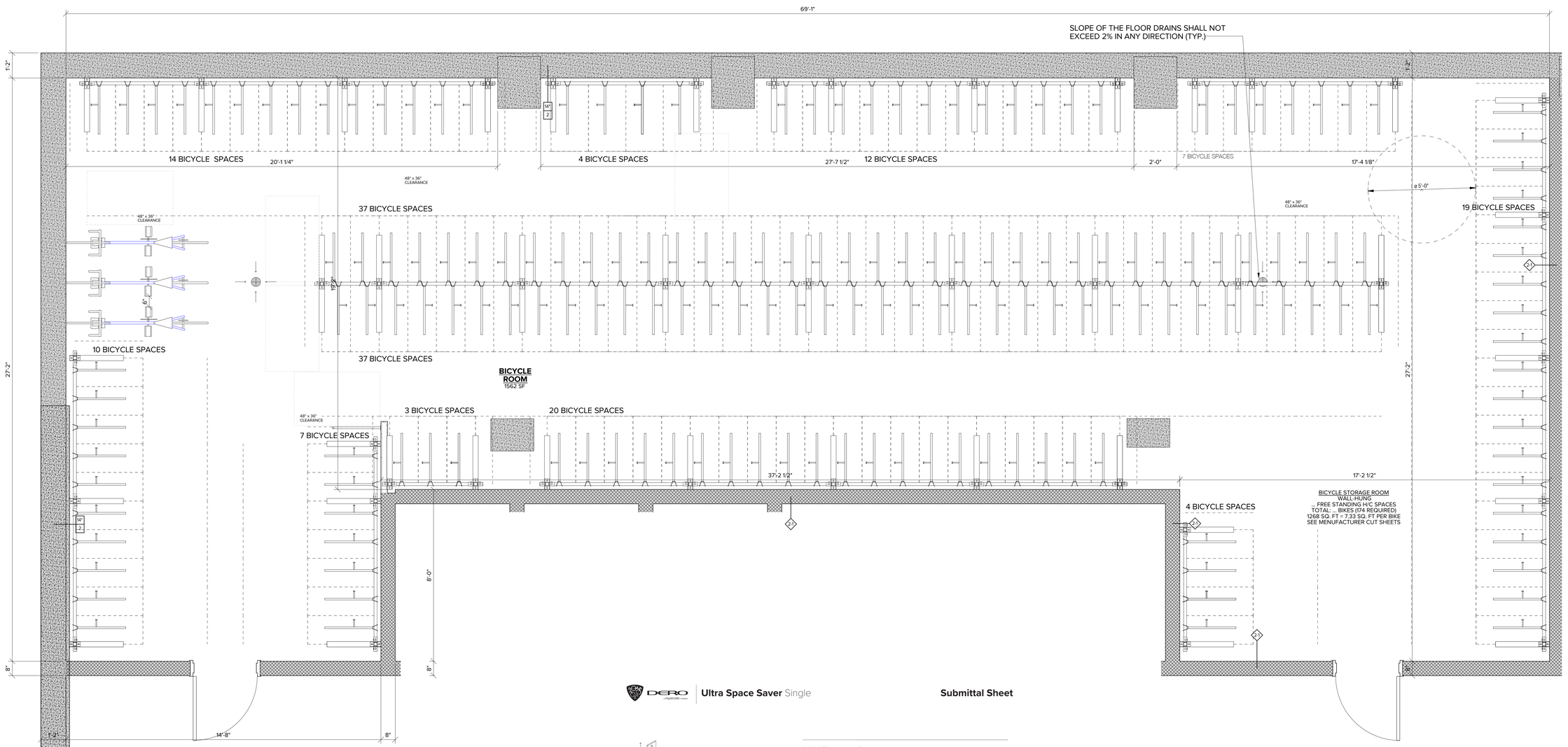
DRAWING NO:

A-519.00

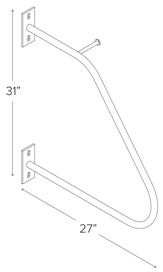
NYC DOB NUMBER: X00945951-I1



1 BICYCLE ROOM PLAN
A-520.00 1/2" = 1'-0"

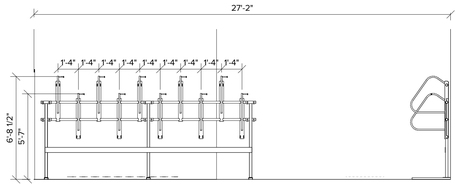
BICYCLE STORAGE ROOM
WALL-HUNG
... FREE STANDING H/C SPACES
TOTAL: ... BIKES (174 REQUIRED)
1268 SQ. FT = 7.33 SQ. FT PER BIKE
SEE MENUFACTURER CUT SHEETS

DERO | **Ultra Space Saver** Single — **Submittal Sheet**



CAPACITY	1 Bike
MATERIALS	**Body:** 1" OD 11 gauge tube with ½" steel round bar hanger **Mounting flanges:** ¼" plate
FINISHES	☐ **Powder Coat (Interior Use)** Our interior powder coat finish assures a high level of adhesion and durability for indoor use by following these steps: 1. Sandblast 2. Final thick TGIC polyester powder coat ☐ **Powder Coat (Exterior Use)** Additional Cost Our exterior powder coat finish assures a high level of adhesion and durability for outdoor or exposed air use by following these steps: 1. Sandblast 2. Epoxy primer electrostatically applied 3. Final thick TGIC polyester powder coat
MOUNT OPTIONS	**Wall only** 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** ☐ **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	

©2021

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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BICYCLE ROOM PLAN

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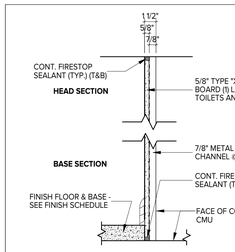
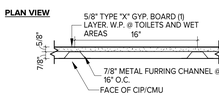
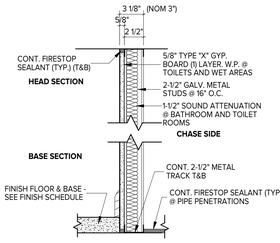


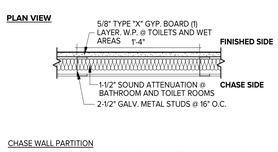


INTERIOR FURRING

(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"

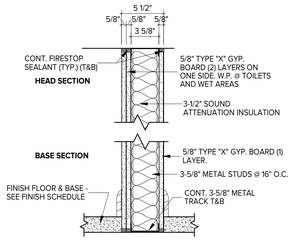


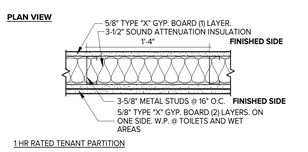


CHASE WALL PARTITION

(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

◇0-2 NON RATED FURRING @ INTERIOR CIP/CMU
1 1/2" = 1'-0"

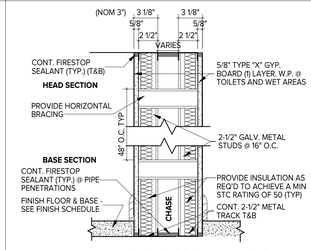


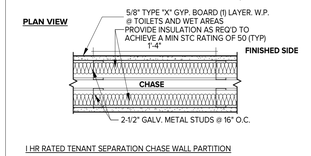


1 HR RATED TENANT PARTITION

(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)

◇0-3 NON RATED FURRING @INTERIOR CIP/CMU
1 1/2" = 1'-0"

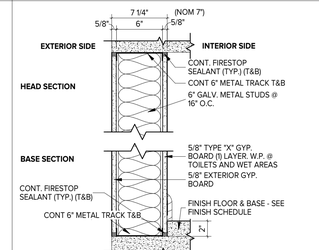


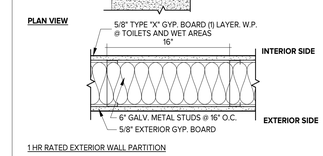


I HR RATED TENANT SEPARATION CHASE WALL PARTITION

(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)

◇0-4 NON RATED FURRING @ EXTERIOR CIP/CMU
1 1/2" = 1'-0"

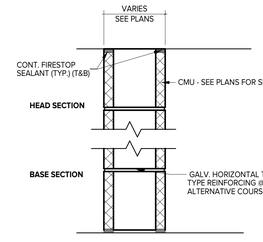


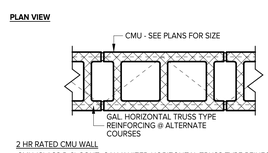


1 HR RATED EXTERIOR WALL PARTITION

(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)

◇0-5 NON RATED PARTITION INTERIOR (TYPICAL PARTITION)
1 1/2" = 1'-0"

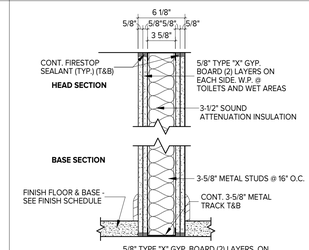


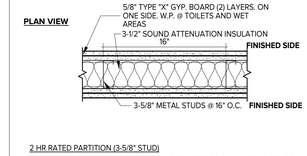


2 HR RATED CMU WALL

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)

◇0-6 NON RATED PARTITION @ INTERIOR
1 1/2" = 1'-0"

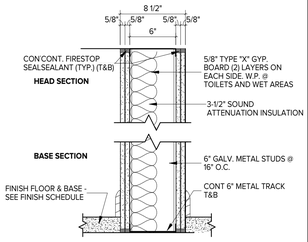


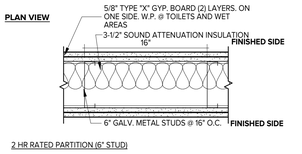


2 HR RATED PARTITION (3-5/8" STUD)

(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)

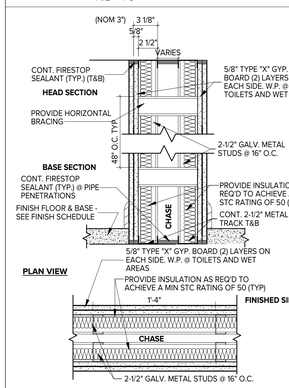
◇0-7 NON RATED PARTITION @PIPE CHASE WALL
1 1/2" = 1'-0"

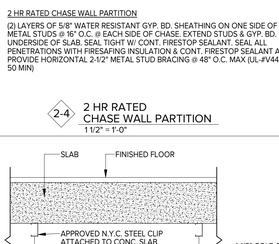




VERTICAL PIPE CHASE WALL

(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.

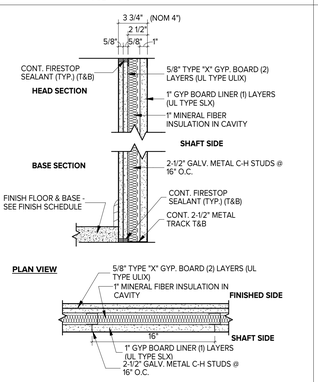


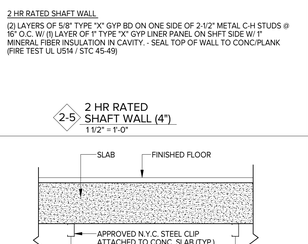


2 HR RATED CHASE WALL PARTITION

(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)

◇2-4 2 HR RATED CHASE WALL PARTITION
1 1/2" = 1'-0"

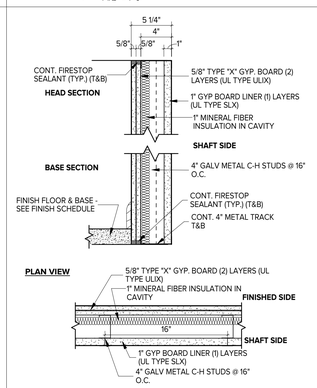


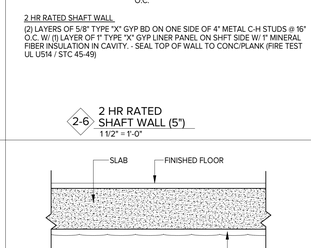


1 HR RATED TENANT PARTITION

(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)

◇2-5 2 HR RATED SHAFT WALL (4")
1 1/2" = 1'-0"

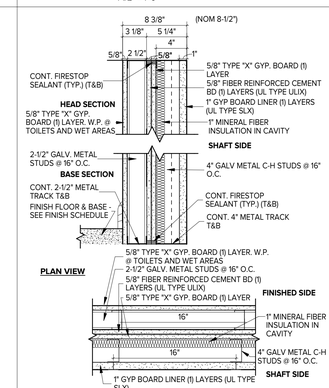


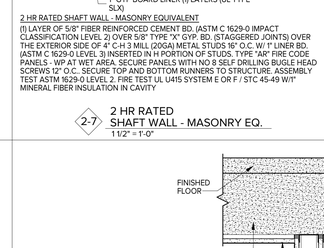


2 HR RATED SHAFT WALL

(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"

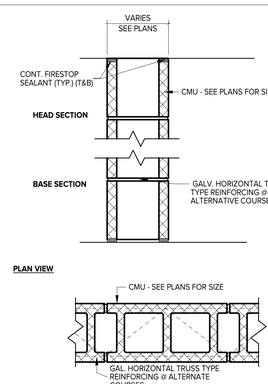


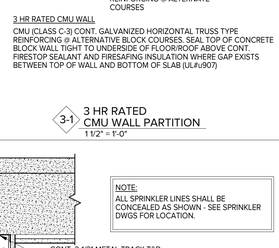


2 HR RATED SHAFT WALL - MASONRY EQUIVALENT

(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

◇2-7 2 HR RATED SHAFT WALL - MASONRY EQ.
1 1/2" = 1'-0"

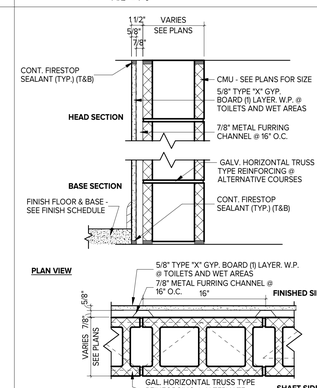


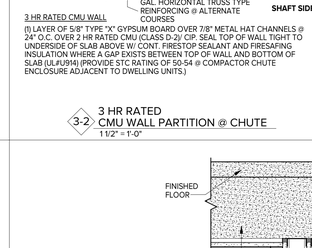


3 HR RATED CMU WALL

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)

◇3-1 3 HR RATED CMU WALL PARTITION
1 1/2" = 1'-0"

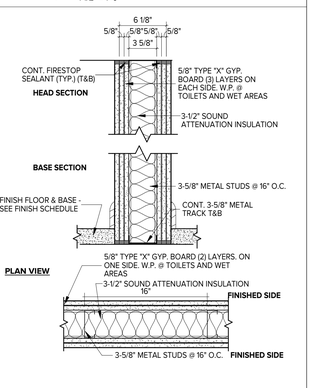


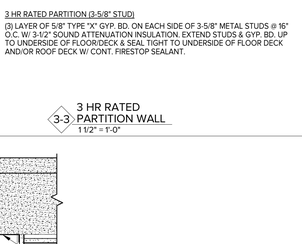


3 HR RATED CMU WALL

(1) LAYER OF 5/8" 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.)

◇3-2 3 HR RATED CMU WALL PARTITION @ CHUTE
1 1/2" = 1'-0"

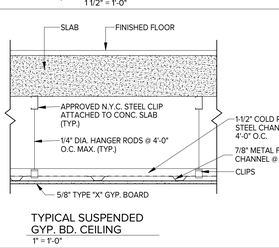




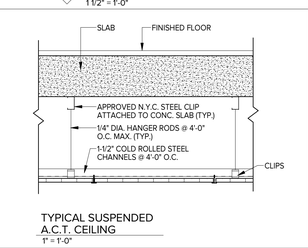
3 HR RATED PARTITION (3-5/8" STUD)

(3) 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.

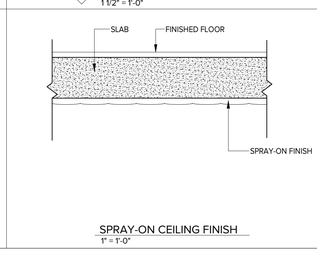
◇3-3 3 HR RATED PARTITION WALL
1 1/2" = 1'-0"



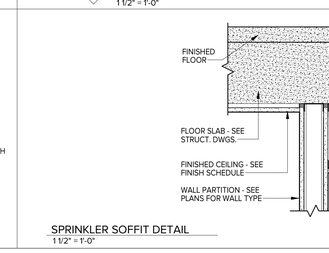
TYPICAL SUSPENDED GYP. BD. CEILING
1" = 1'-0"



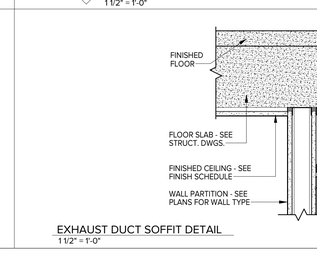
TYPICAL SUSPENDED A.C.T. CEILING
1" = 1'-0"



SPRAY-ON CEILING FINISH
1" = 1'-0"



SPRINKLER SOFFIT DETAIL
1 1/2" = 1'-0"



EXHAUST DUCT SOFFIT 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:
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
07/31/2024	ISSUED FOR 100% SD

SHEET TITLE:

PARTITION TYPE DETAILS -30x42

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SCALE: As indicated
SHEET NO: OF
DRAWING NO: A-521.00

NYC DOB NUMBER: X00945951-I1

LIST OF ABBREVIATIONS:

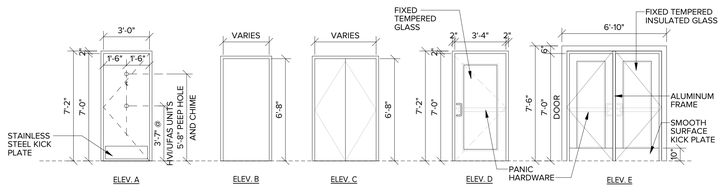
DOOR SCHEDULE

Program	ROOM DESIGNATION	DOOR DESIGNATION	DOOR ELEVATION	DOOR WIDTH	DOOR HEIGHT	DOOR THICKNESS	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	FRAME FIRE RATING	FRAME STC RATING	FRAME MATERIAL	FRAME FINISH	FRAME FIRE RATING	FRAME SADDLE MATERIAL	FRAME 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.		

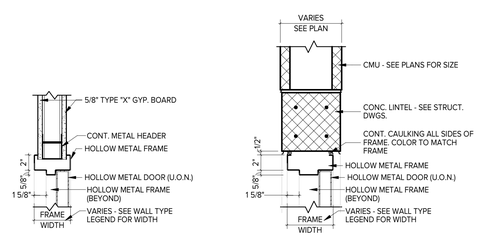
DOOR NOTES

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

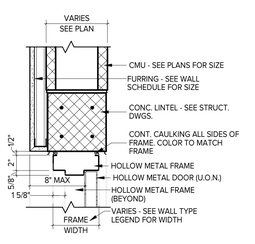


DOOR ELEVATIONS
1/4" = 1'-0"

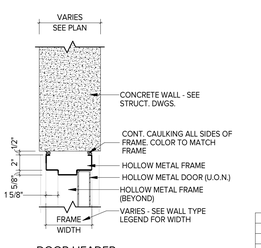


DOOR HEADER
@ GYP. WALL
1 1/2" = 1'-0"

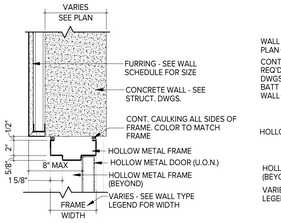
DOOR HEADER
@ CMU WALL
1 1/2" = 1'-0"



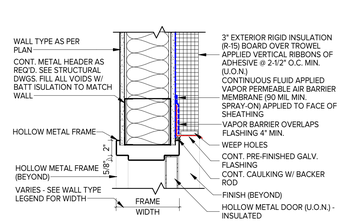
DOOR HEADER
@ CMU WALL W/FURRING
1 1/2" = 1'-0"



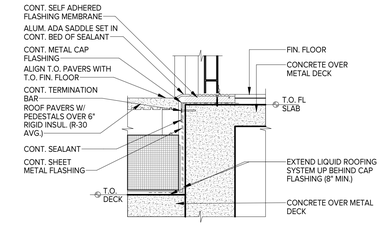
DOOR HEADER
@ CIP WALL
1 1/2" = 1'-0"



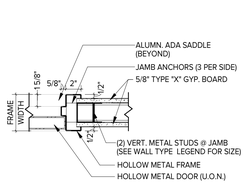
DOOR HEADER
@ CIP WALL W/FURRING
1 1/2" = 1'-0"



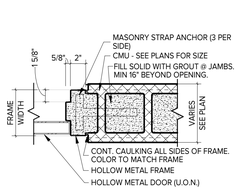
TYPICAL ROOF BULKHEAD DOOR
HEAD DETAIL @ STUD WALL
1 1/2" = 1'-0"



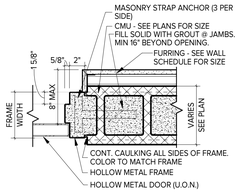
TYP. DOOR SILL DETAIL
@ DROPPED SLAB W/PAVERS
1 1/2" = 1'-0"



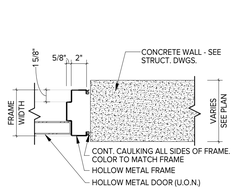
DOOR JAMB
@ GYP. WALL
1 1/2" = 1'-0"



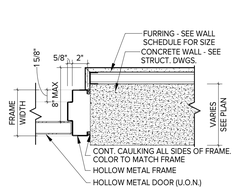
DOOR JAMB
@ CMU WALL
1 1/2" = 1'-0"



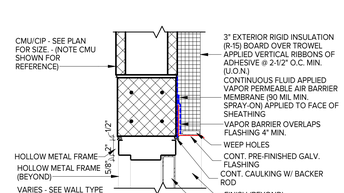
DOOR JAMB
@ CMU WALL W/FURRING
1 1/2" = 1'-0"



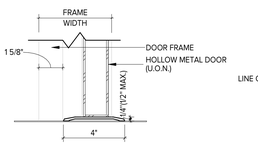
DOOR JAMB
@ CIP WALL
1 1/2" = 1'-0"



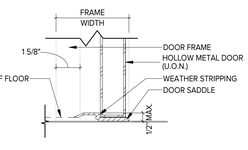
DOOR JAMB
@ CIP WALL W/FURRING
1 1/2" = 1'-0"



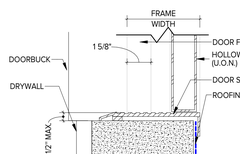
TYPICAL ROOF BULKHEAD DOOR
HEAD DETAIL @ CMU/CIP WALL
1 1/2" = 1'-0"



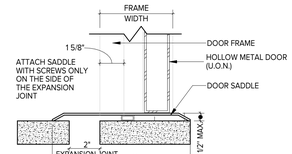
ALUMINUM SADDLE #1
3" = 1'-0"



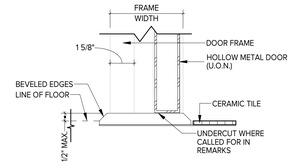
ALUMINUM SADDLE #2
3" = 1'-0"



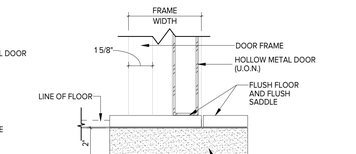
ALUMINUM SADDLE
@ ROOF AND BULKHEADS
3" = 1'-0"



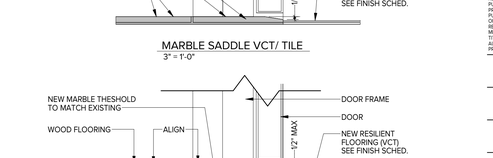
ALUMINUM SADDLE
@ EXPANSION POINT
3" = 1'-0"



MARBLE SADDLE
3" = 1'-0"



MARBLE SADDLE (FLUSH)
3" = 1'-0"


NEW MARBLE THESHOLD TO

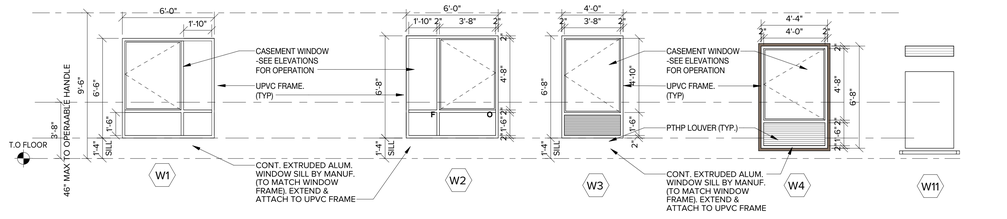
WINDOW SCHEDULE

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 4'-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
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Bronx, NY 10451

Structural Engineer
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212.532.2211

MEP Engineer
EP ENGINEERING ASSOCIATES:
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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

SHEET TITLE:

WINDOW & LOUVER, FINISH SCHEDULE

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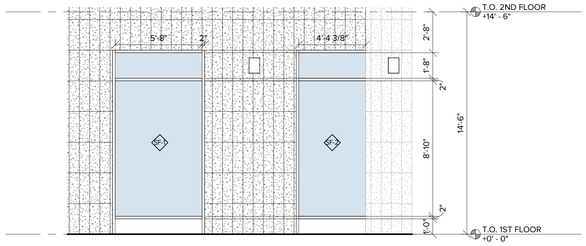
ISSUE DATE: 07/27/22
PROJECT NO: Project Number
DRAWN BY: Author
CHECKED BY: Checker
SCALE: As indicated
SHEET NO: OF
DRAWING NO: A-601.00

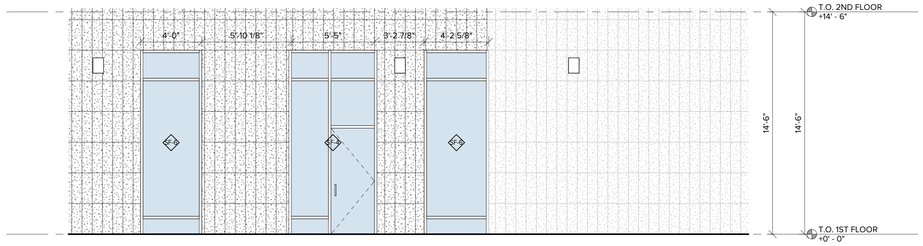
NYC DOB NUMBER: X009459551-I1

STOREFRONT SCHEDULE

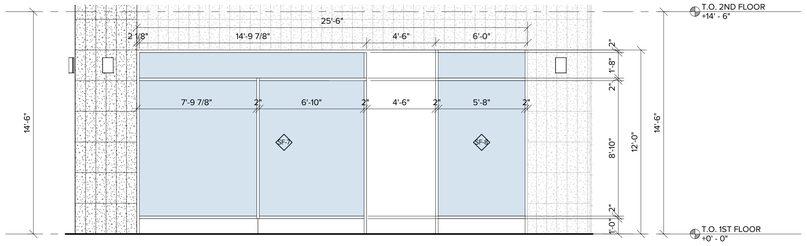
			WINDOW / FRAME					ROUGH OPENING			ENERGY REQ.			
WINDOW TYPE	DESIGNATION	ELEVATION	WIDTH	HEIGHT	FRAME MATERIAL	FINISH	FIRE RATING (HOUR)	STC RATING	WIDTH	HEIGHT	INSECT SCREEN	U FACTOR	S.H.G.C.	REMARKS
STOREFRONT - FIXED PANE	SF-1	1	6' - 1 3/4"	12' - 0"	UPVC	AN.	(1) 1 HR RATED		6' - 3 11/32"	12' - 2"		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		



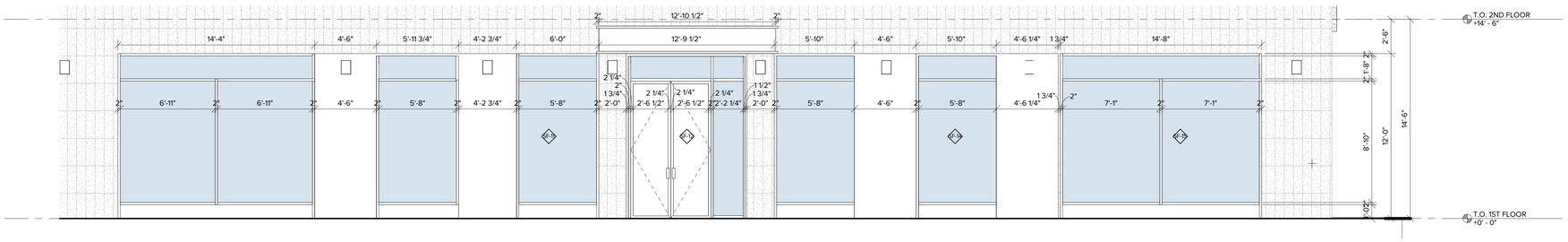
1 A-602 STOREFRONT ELEVATION #1
1/4" = 1'-0"



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
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845.368.0004
info@aufgang.com

Owner/Developer
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Structural Engineer
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MEP Engineer
EP ENGINEERING ASSOCIATES:
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Civil Engineer
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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:

STOREFRONT SCHEDULE

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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:

1. REFER TO ELECTRICAL DRAWINGS FOR LIGHT TYPES.
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:

- RECESSED LIGHT FIXTURES INSTALLED AS PART OF A BUILDING OR DWELLING UNIT AIR BARRIER SHALL BE INSULATED ENTIRELY INSIDE OF OUTSIDE OF AN AIR BARRIER.
- 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)
- 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.
- LUMINAIRES SHALL BE FULLY SHIELDED EMITING NO LIFGT ABOVE 90 DEGREES (WITH THE EXCLUSION OF INCIDENTAL LIGHT REFLECTING FROM FICTURE HOUSING, MOUNTS, AND POLE).
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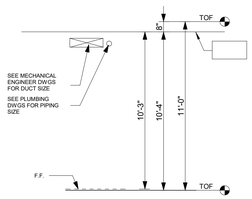
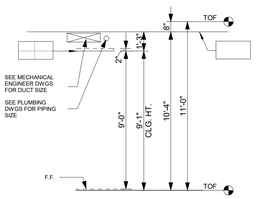
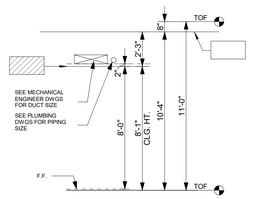


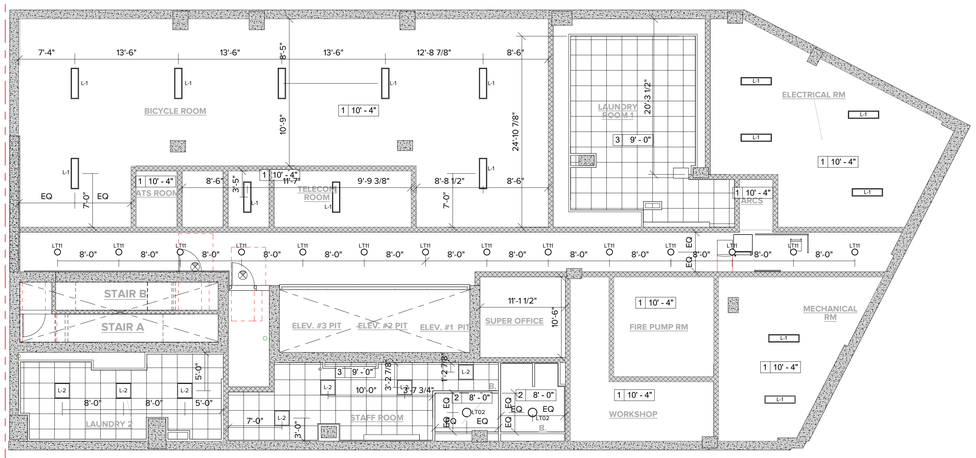
PUBLIC CORRIDOR

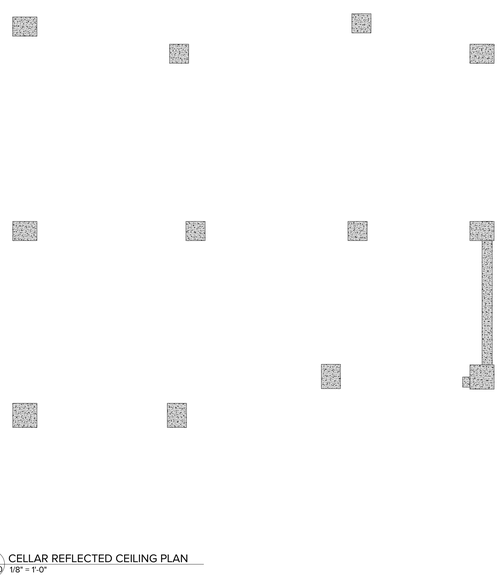


LAUNDRY



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

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 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
- 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

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6. EXPOSED CEILING

NOTES:

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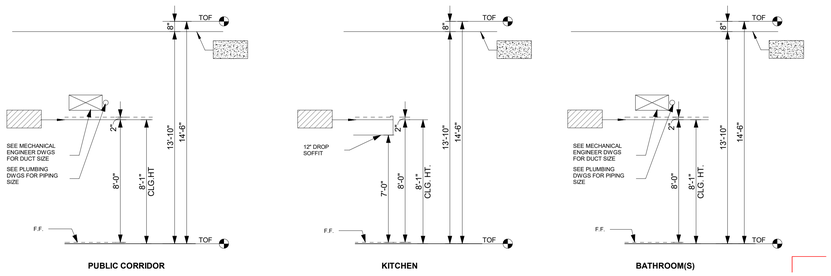
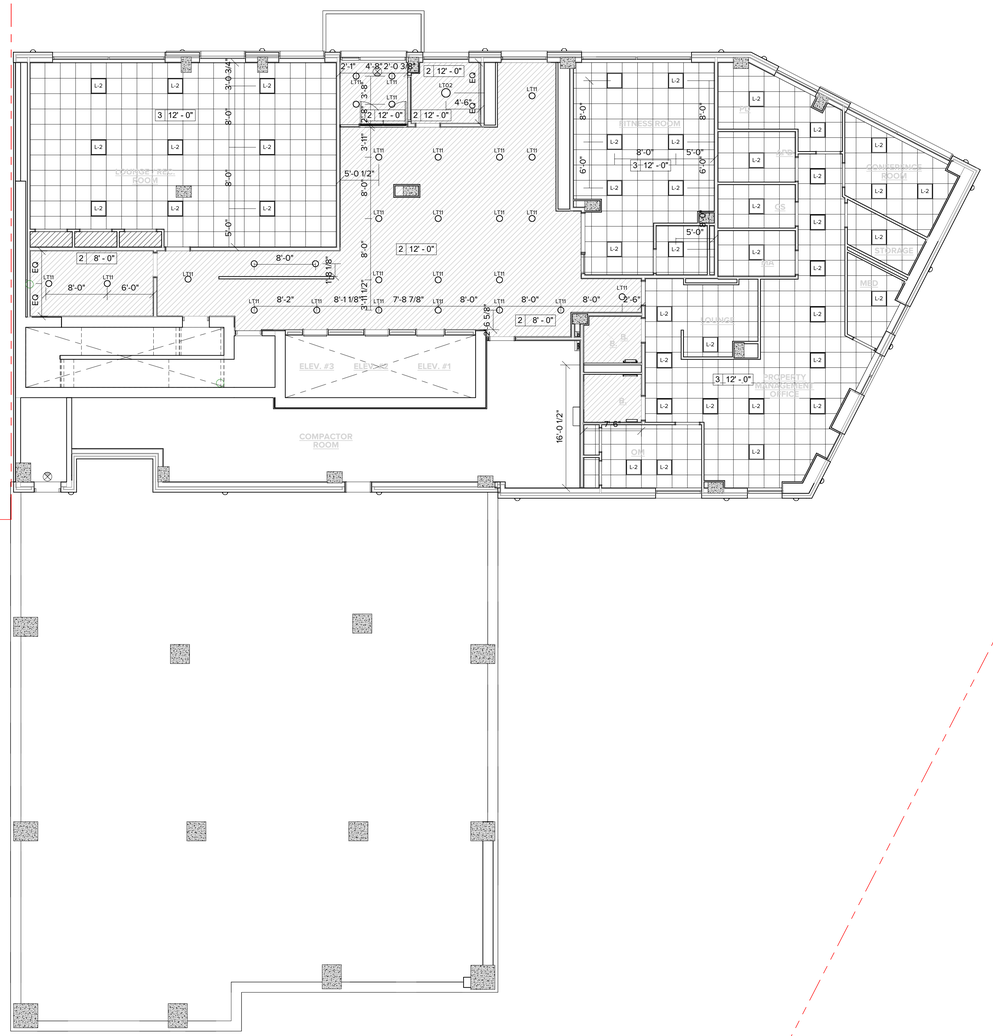


PUBLIC CORRIDOR | **KITCHEN** | **BATHROOM(S)**



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.
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:

1ST 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-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
- SCM — SMOKE & CARBON MONOXIDE DETECTOR
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- 0 0'-0" — CEILING HEIGHT
- CEILING TYPE
- DIF — 24" x 24" HVAC DIFFUSER - SEE MECHANICAL DWGS.
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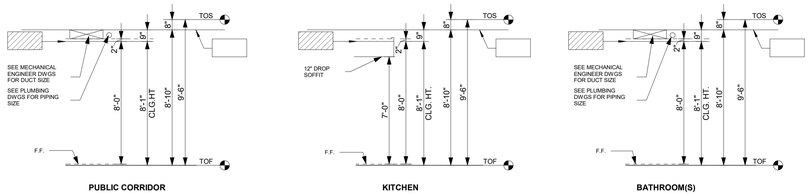
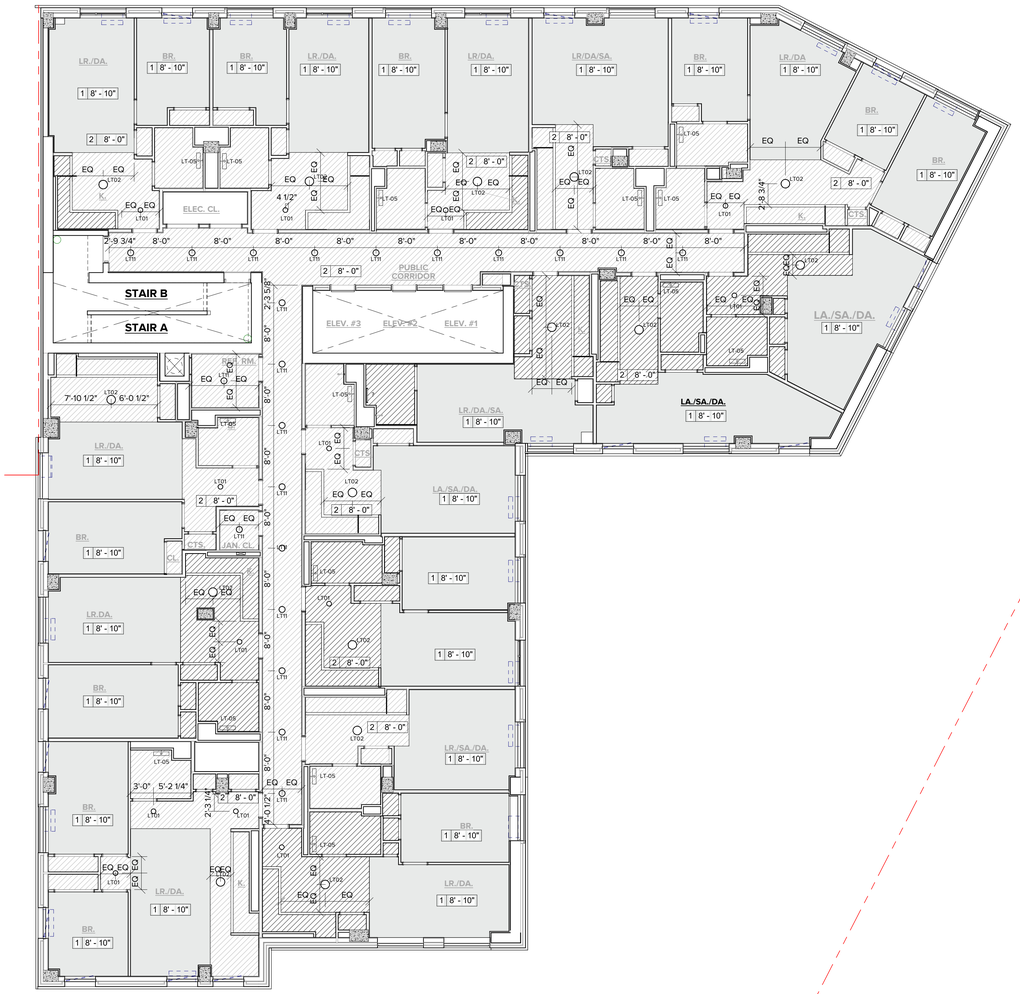


PUBLIC CORRIDOR | **KITCHEN** | **BATHROOM(S)**



1 A-702 2ND FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"

PROPOSED NEW MIXED USE DEVELOPMENT FOR:

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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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:
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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

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.
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CEILING TYPES

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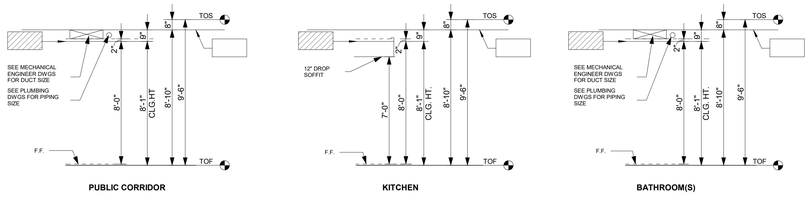
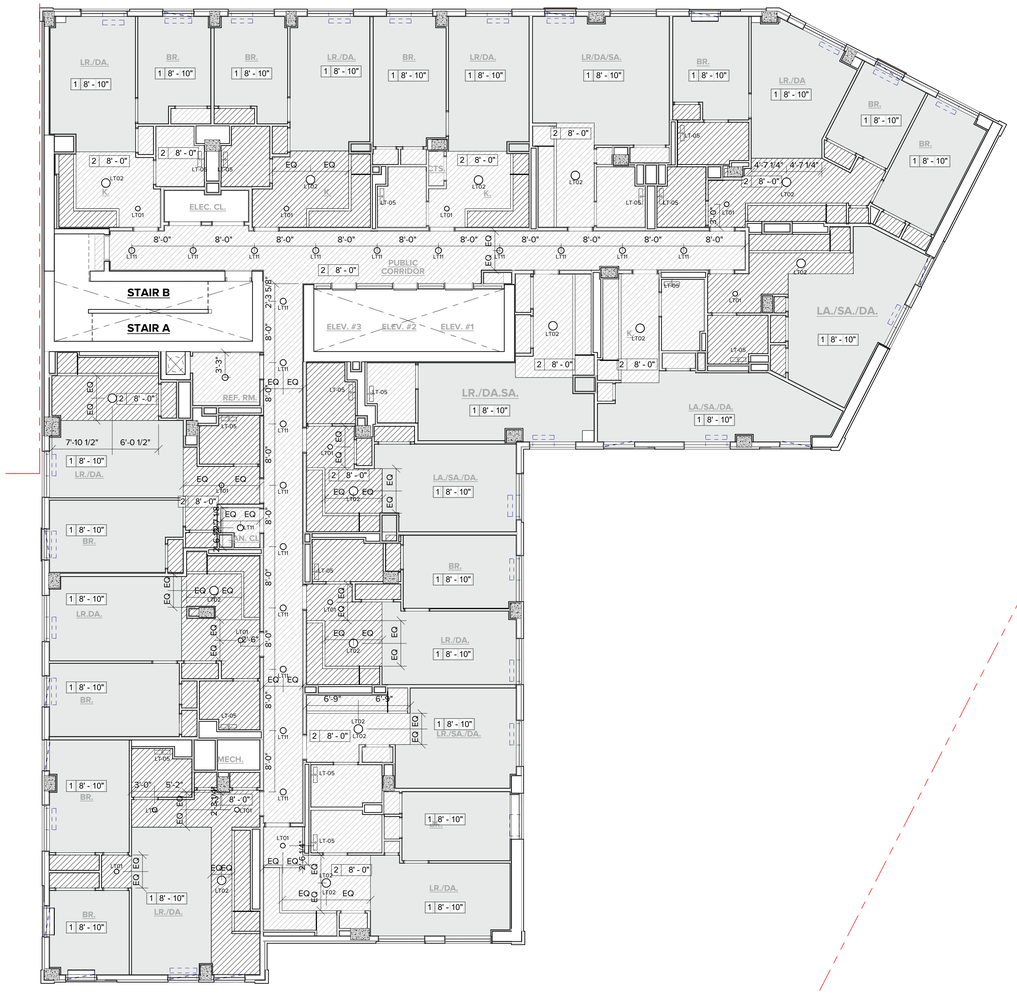


PUBLIC CORRIDOR | **KITCHEN** | **BATHROOM(S)**



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:
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Owner/Developer
BRONX PARK GTAH II LLC:
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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:

3RD-9TH 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-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" — 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:

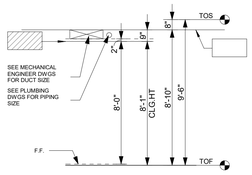
1. REFER TO ELECTRICAL DRAWINGS FOR LIGHT TYPES.
2. REFER TO SPRINKLER DRAWINGS FOR SPRINKLER HEAD TYPES.
3. REFER TO MECHANICAL DRAWINGS FOR CEILING ACCESS LOCATIONS.
4. ALL DIMENSIONS ARE A.F.F.
5. ALL SOFFITS IN LIVABLE AREAS TO BE 8'-0" MIN. AFF.
6. ALL KITCHENETTE ARCHS TO BE 7'-6" MIN. AFF.
7. 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:

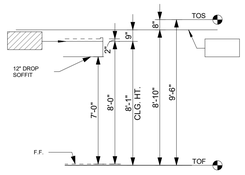
- RECESSED LIGHT FIXTURES INSTALLED AS PART OF A BUILDING OR DWELLING UNIT AIR BARRIER SHALL BE INSULATED ENTIRELY INSIDE OF OUTSIDE OF AN AIR BARRIER.
- LIGHTING INSIDE THE BULDING, BUT NOT IN A DWELLING UNIT, SHALL BE CONTROLLED BY OCCUPANCE SENSORS OR AUTOMATIC BI-LEVEL LIGHTING CONTROLS EXEMPT IF 24-HOUR CONSISTENT LIGHT LEVELS ARE REQUIRED BY CODE (I BELIEVE IT IS AS PER ELECTRICAL DESIGN)
- 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.
- LUMINAIRES SHALL BE FULLY SHIELDED EMITING NO LIFGT ABOVE 90 DEGREES (WITH THE EXCLUSION OF INCIDENTAL LIGHT REFLECTING FROM FICTURE HOUSING, MOUNTS, AND POLE).
- THE LUMINAIRE'S MOUNTING HARDWARE SHALL NOT PERMIT MOUNTING IN ANY CONFIGURATION OTHER THOSE MAINTAININGFULL SHIELDING. NON-RESIDENTIAL LUMINAIRES SHALL HAVE AN UPLIGHT RATING OF U0.
- FIXTURE SHALL HAVE NO SAG OR DROP LENSES, SIDE LIGHT PANELS OR UPLIGHT PANELS.
- FIXTURE SHALL EMPLOY WARM-TONED (3000K AND LOWER) WHITE LIGHT SOURCES OR MAY EMPLOY AMBER LIGHT SOURCES PR FILTERED LED LIGHT SOURCES

NOTES:

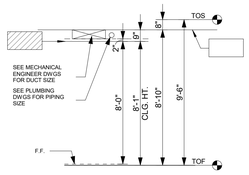
THE LIGHTING POWER DENSITIES, SPECIFIED IN W/SF, IN ALL COMMON SPACES WILL BE DESIGNED TO EXCEED THE ASHRAE 90.1 2016 SPACE-BY-SPACE ALLOWANCES BY MORE THAN 30%. THE LPD IN THE DWELLING UNITS WILL BE KEPT BELOW 0.6 W/SF. LIGHTING IN ALL THE SPACES WILL BE DESIGNED TO MEET THE ILLUMINATING ENGINEERING SOCIETY (IESNA) LIGHTING HANDBOOK RECOMMENDED LIGHT LEVELS FOR THE GIVEN SPACE TYPE.



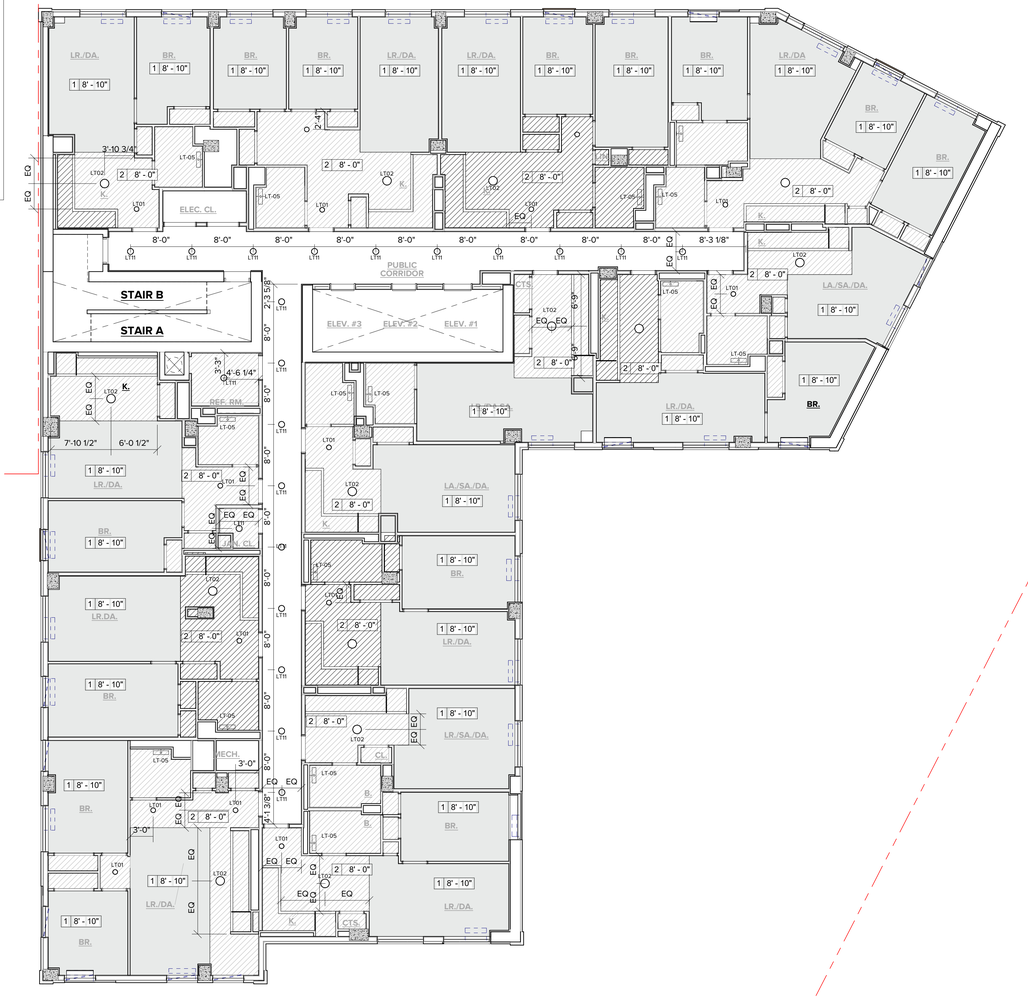
PUBLIC CORRIDOR



KITCHEN



BATHROOM(S)



1 A-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
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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09/15/2025	ISSUED TO DOB
05/02/2025	ISSUED FOR 50% DD
11/08/2024	ISSUED FOR 100% SD

SHEET TITLE:

10TH-15TH 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-704.00

NYC DOB NUMBER: X00945951-I1

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- 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
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- 24" x 24" FLAT PANEL LED LIGHT FIXTURE - EMERGENCY BACK -UP
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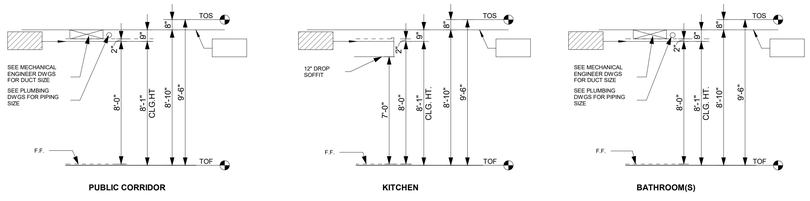
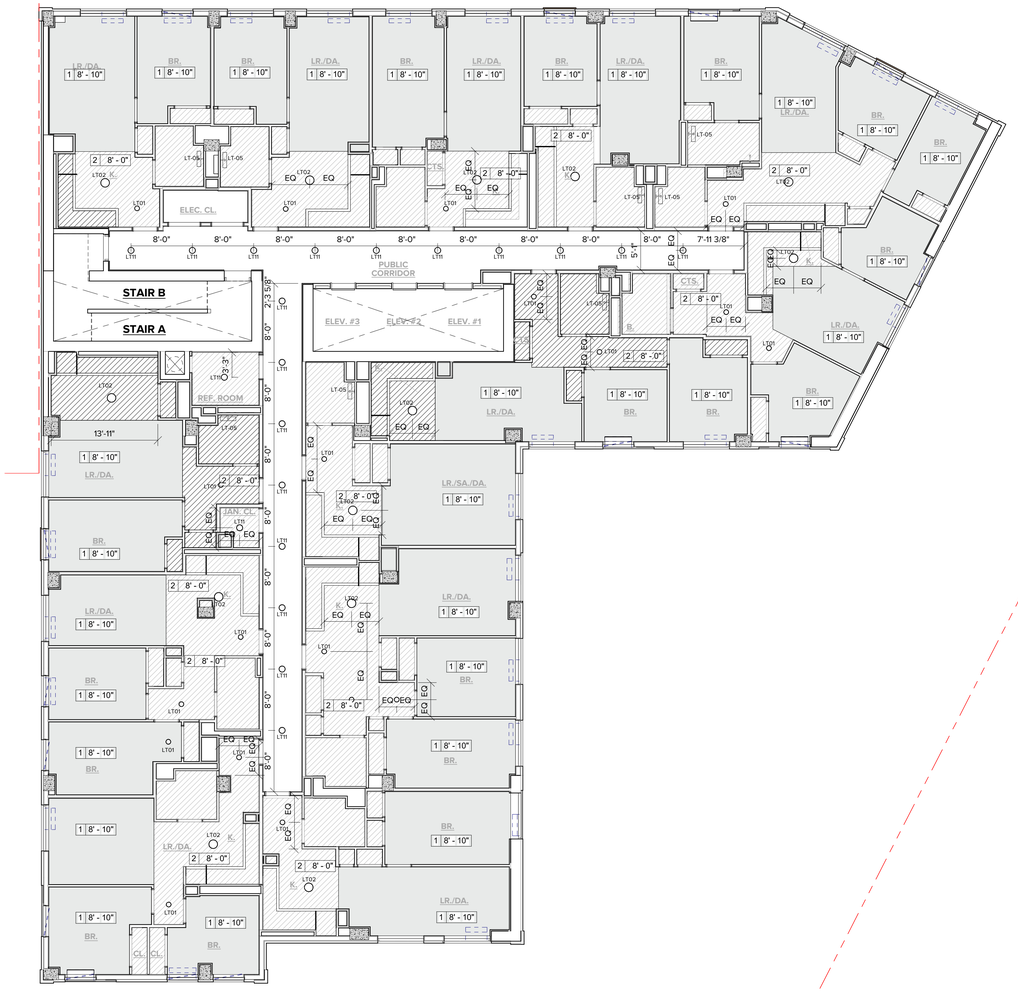


PUBLIC CORRIDOR | **KITCHEN** | **BATHROOM(S)**



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
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
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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:

16TH-26TH 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-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: 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: 9/5/2024 - 9/5/2024	Contractor: Trinity Environemtnal	Drill Type: Hand Auger	Sampler Type/Method: 2" Hand Auger
Borehole Depth: 6.5 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
	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

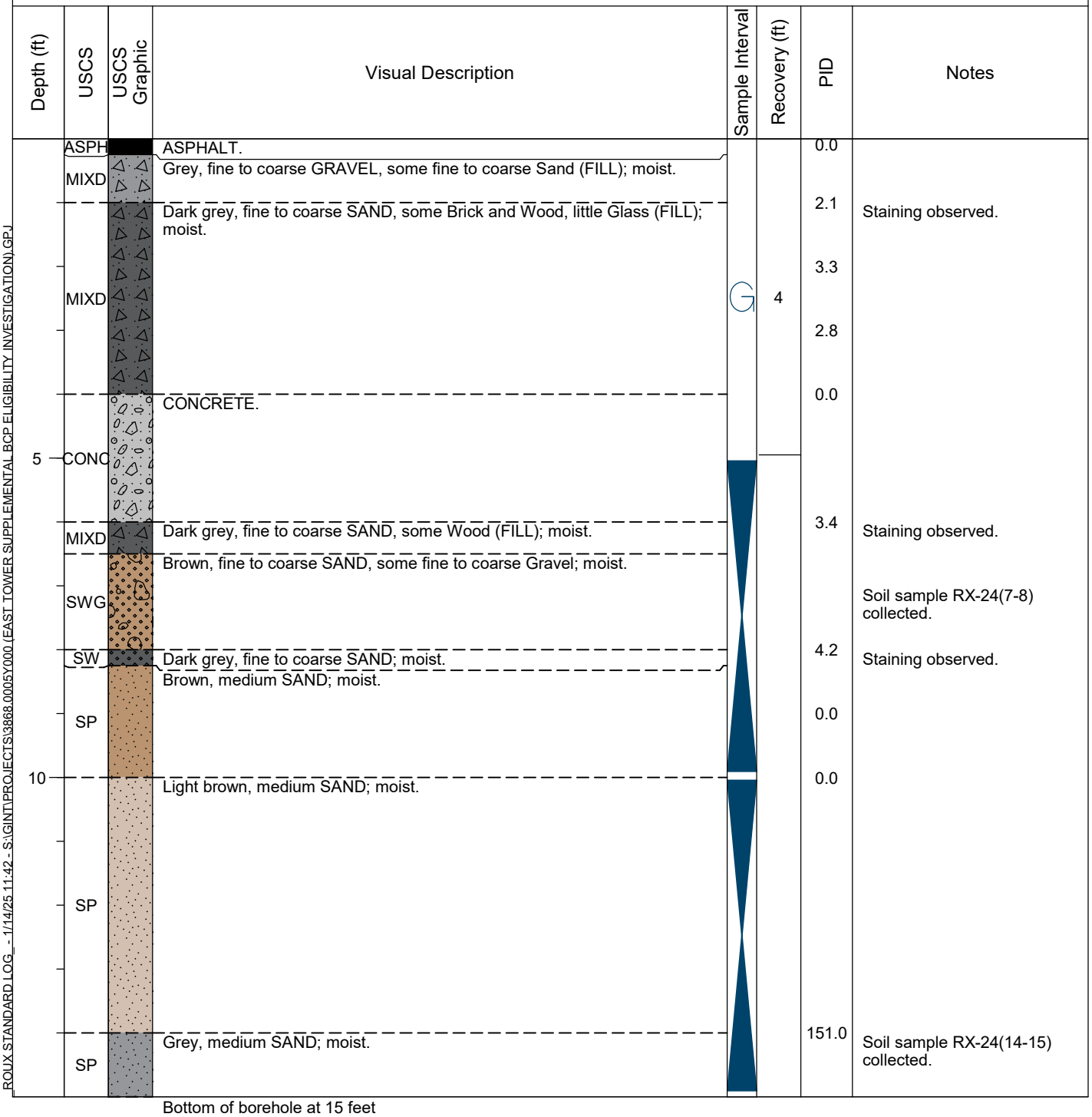
Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD		Grey, fine to coarse GRAVEL, some fine to coarse Sand (FILL); moist.				
			Dark grey, fine to coarse SAND, some Wood, Cobble, Brick, and Concrete, little Metal (FILL); moist.			9.8	Staining observed.
				G	5	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



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. 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:	Site:	Project Number:
Gilbane Development Company	280 E 161st Street	3868.0005Y000
Address:	**City/State:**	**Logged By:**
280 E 161st Street	Bronx, New York	A. Melican

Start to Finish Date:	Contractor:	Drill Type:	Sampler Type/Method:
2/15/2024 - 2/15/2025	Trinity Environemtnal	Geoprobe	2" Split Spoon
Borehole Depth:	**Backfill:**	**Borehole Diameter:**	**DTW:**
14 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
	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 - 2x Personnel - 1x Geoprobe 7720DT	Patrick Perry – Roux D.P.C. 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) ETSB-07 (6-8) ETSB-07 (9-11) 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** **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:

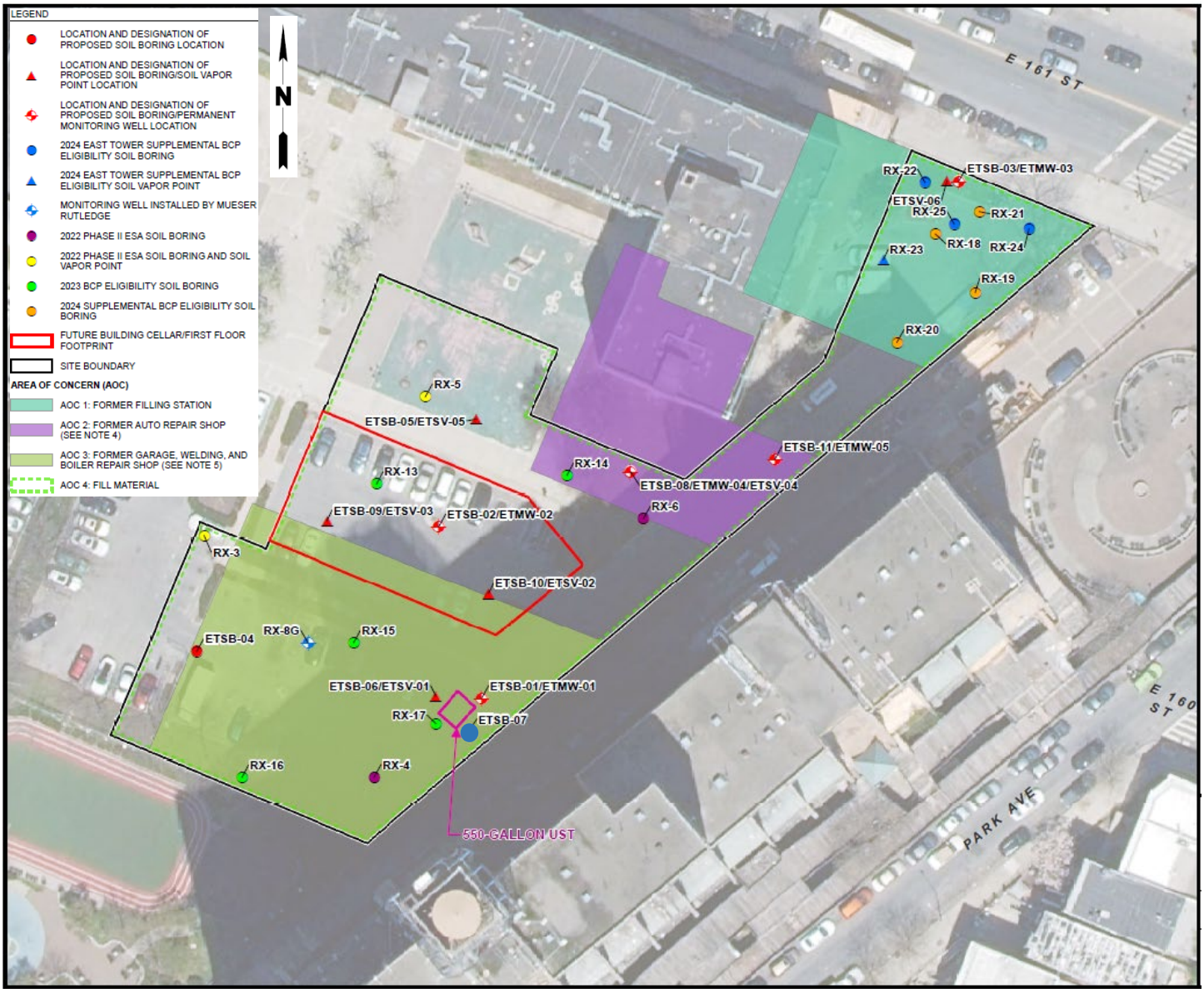
- Soil boring advancement will continue utilizing the Geoprobe drill rig.
- Roux will continue inspecting all recovered soil, recording lithology, and screening with a PID for VOCs. Soil samples will be collected at all waste characterization/RI locations.
- Roux will install soil vapor points and groundwater monitoring wells.
- Mega Surveying and Engineering will survey permanent groundwater monitoring well locations following installation.

Approved:	Lauren Dolginko	By:	**Patrick Perry** **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



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:**	1/12/2026
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.

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

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

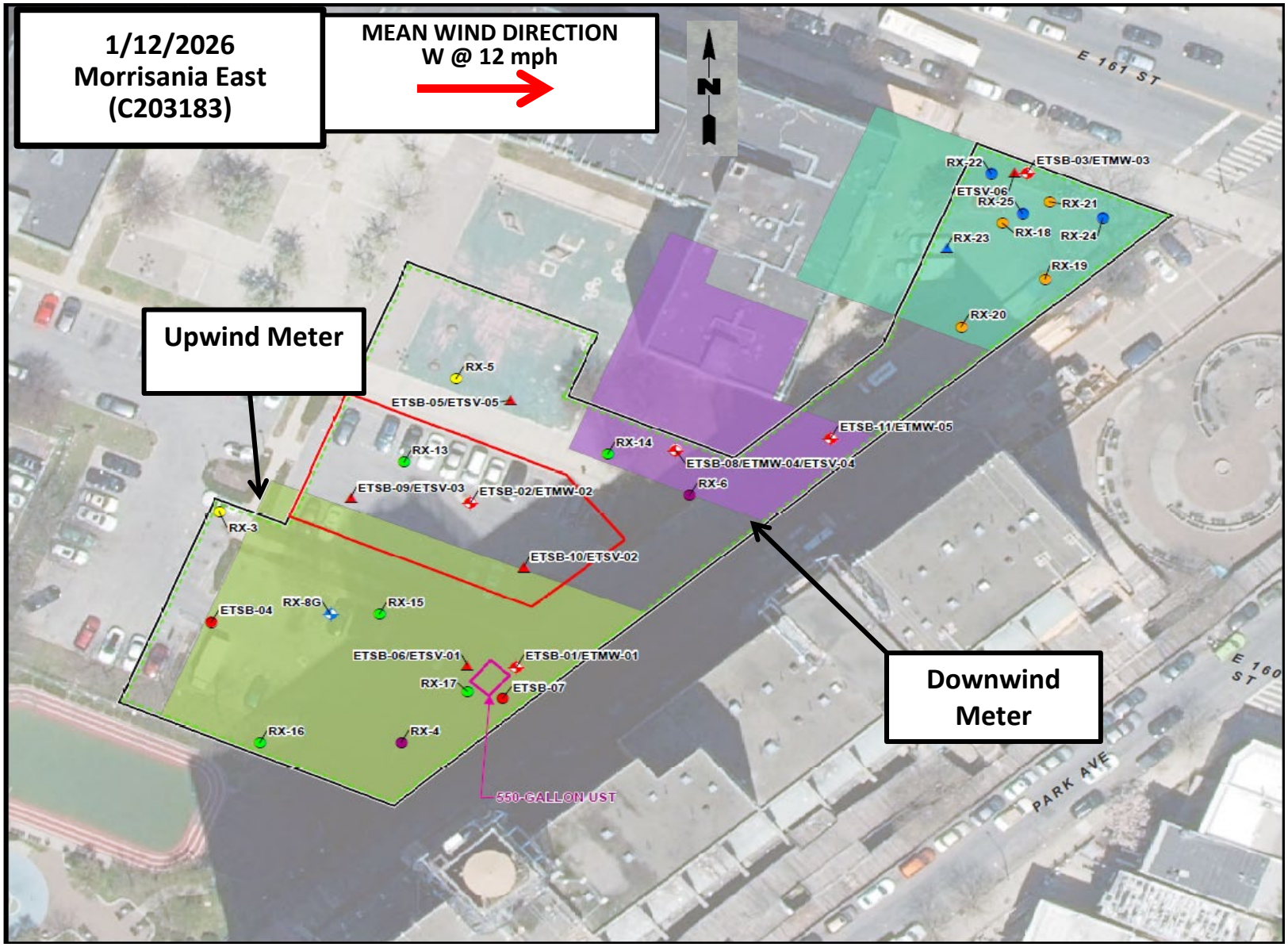
Project: Morrisania East (C203183)
PM: Lauren Dolginko
Location: E 161st Street, Bronx, NY
Date: 1/12/2026

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 - 2x Personnel - 1x Geoprobe 7720DT	Ben Weintraub – Roux D.P.C. 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) ETSB-05 (0-2in) 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) ETSB-05 (2-6in) ETSB-08 (2-6in)	8260C - TCL/Part 375 VOCs

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

Soil	ESTB-04 (2-4) ESTB-05 (2-4) 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 ETSB-04 (2-4)_P 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:

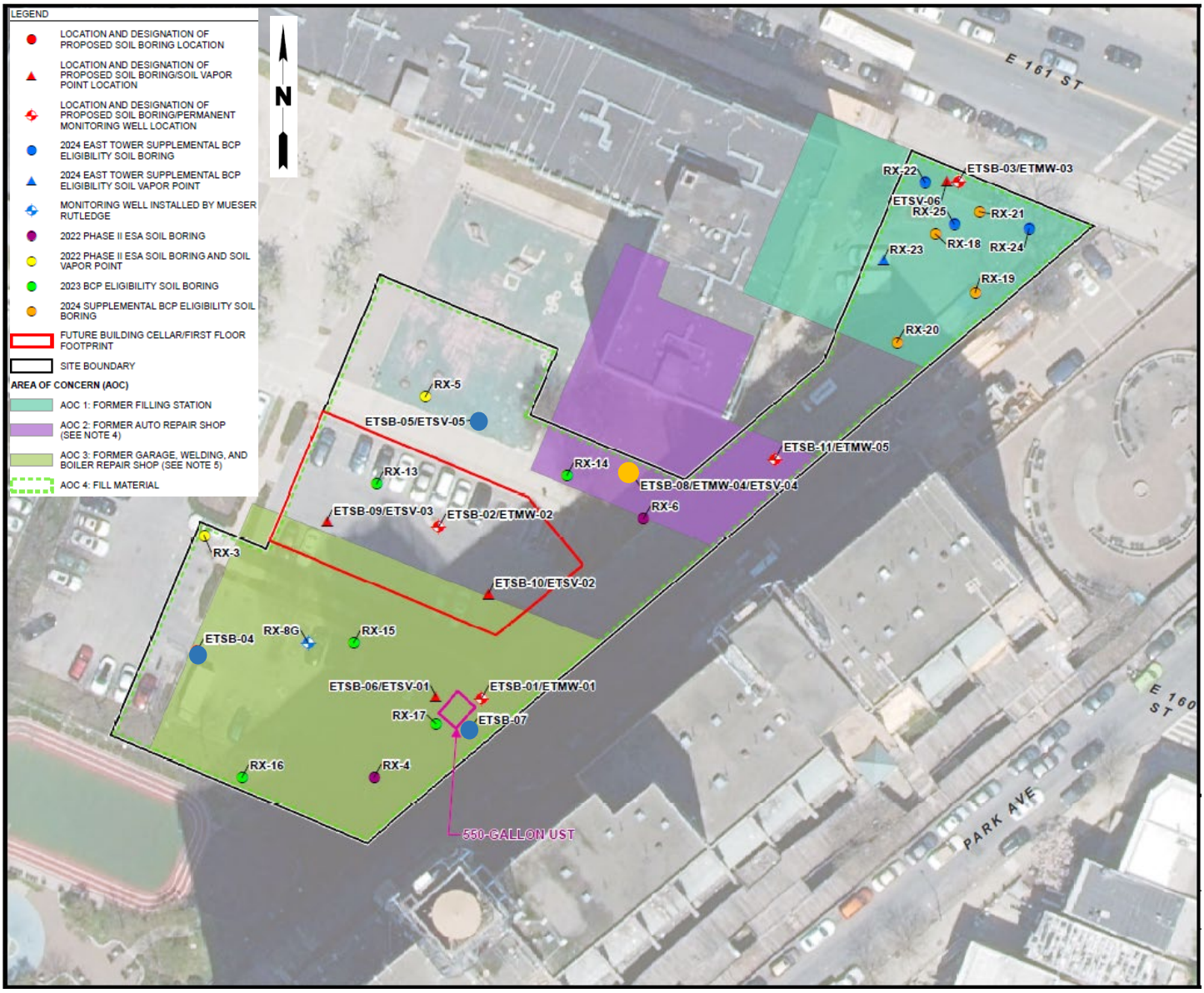
- Soil boring advancement will continue utilizing the Geoprobe drill rig.
- Roux will continue inspecting all recovered soil, recording lithology, and screening with a PID for VOCs. Soil samples will be collected at all waste characterization/RI locations.
- Roux will install soil vapor points and groundwater monitoring wells.
- Mega Surveying and Engineering will survey permanent groundwater monitoring well locations following installation.

Approved:	Lauren Dolginko	By:	**Patrick Perry** **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



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.

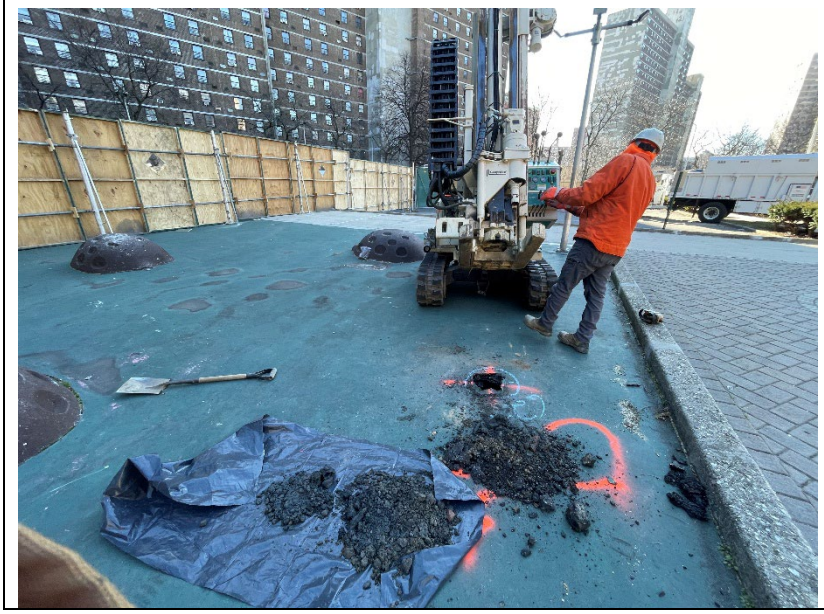


Photo 2: Looking south, view of WC-C2-1.

Approved:	Lauren Dolginko	By:	**Patrick Perry** **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**

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

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

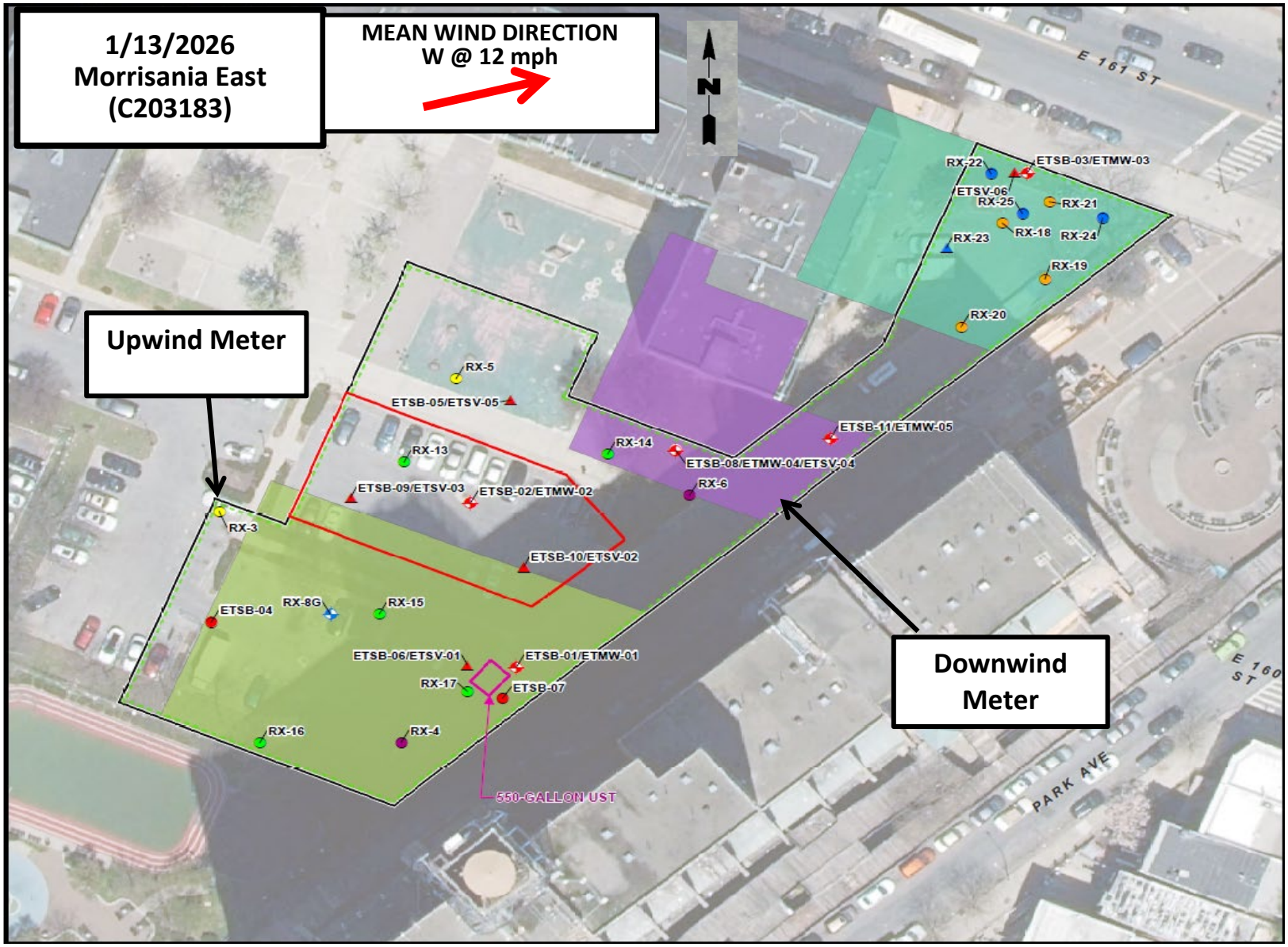
Project: Morrisania East (C203183)
PM: Lauren Dolginko
Location: E 161st Street, Bronx, NY
Date: 1/13/2026

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
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:**	1/14/2026
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 - 2x Personnel - 1x Geoprobe 7720DT	Ben Weintraub – Roux D.P.C. 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) ESTB-08 (5-7) ESTB-08 (8-10) ON HOLD 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** **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:

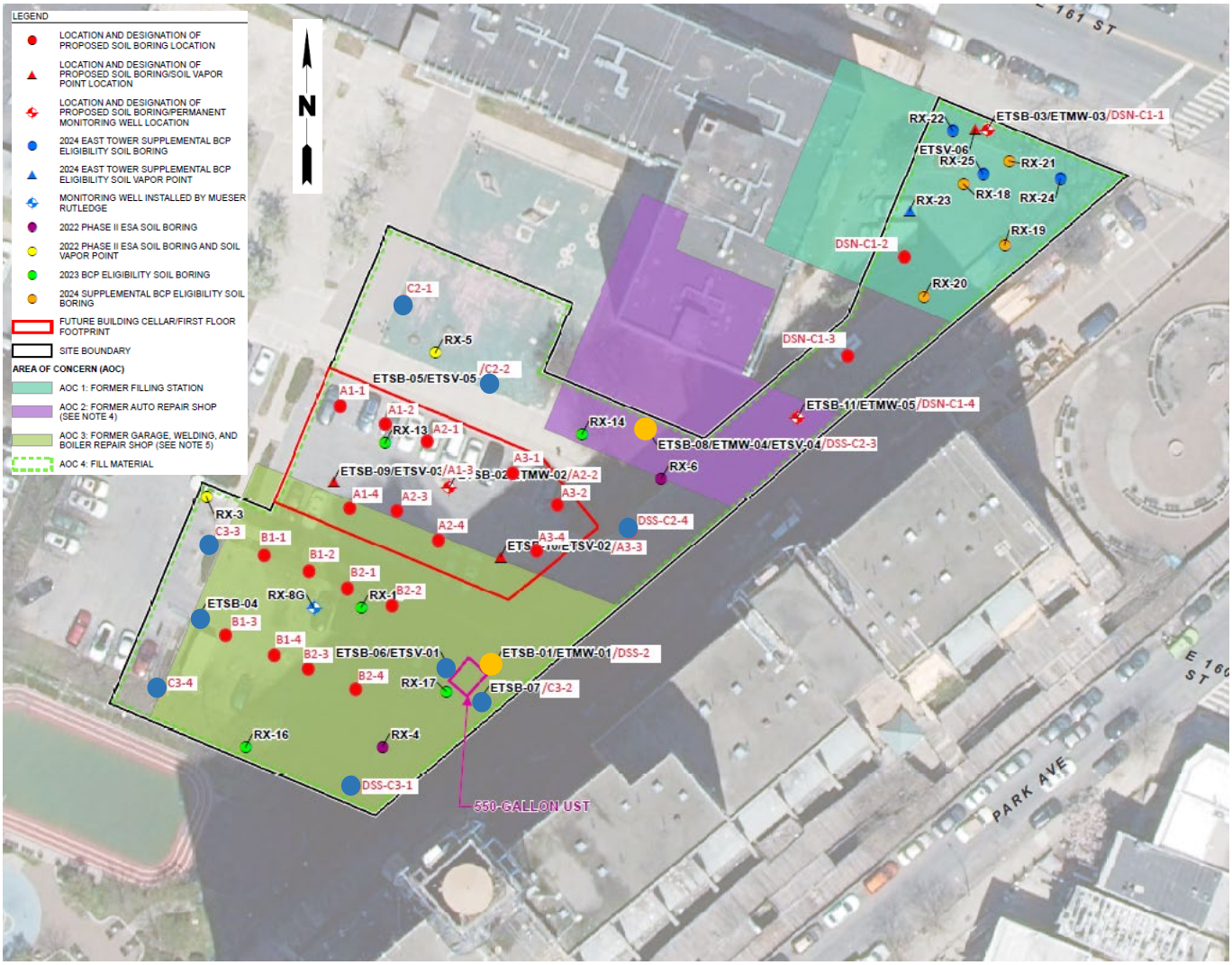
- Soil boring advancement will continue utilizing the Geoprobe drill rig.
- Roux will continue inspecting all recovered soil, recording lithology, and screening with a PID for VOCs. Soil samples will be collected at all waste characterization/RI locations.
- Roux will install soil vapor points and groundwater monitoring wells.
- Mega Surveying and Engineering will survey permanent groundwater monitoring well locations following installation.

Approved:	Lauren Dolginko	By:	**Patrick Perry** **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** **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

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**
			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

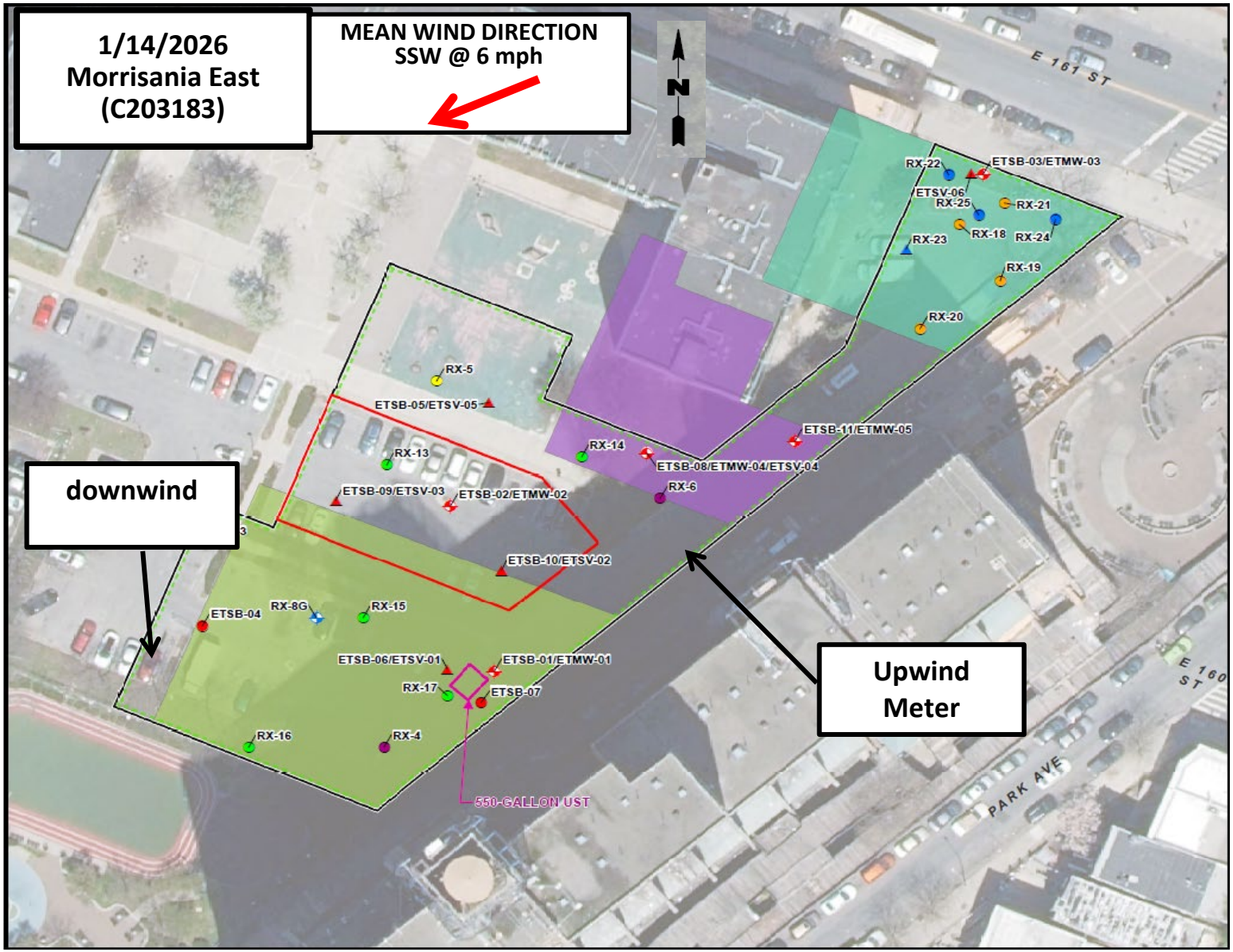
Project: Morrisania East (C203183)
PM: Lauren Dolginko
Location: E 161st Street, Bronx, NY
Date: 1/14/2026

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 - 2x Personnel - 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) 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) ETSB-11 (2-6in)	8260C - TCL/Part 375 VOCs
Soil	ESTB-03 (2-4) ESTB-03 (6-8) ESTB-03 (10-12) ESTB-03 (14-16) 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** **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 ESTB-11 (10-12) ON HOLD ESTB-11 (14-16)	
Soil	ETSB-03 (2-4)_P ETSB-11 (2-4)_P	1633A per and polyfluoroalkyl substances PFAS – Standard List 40
Soil	WC-C1 (0-2) 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) WC-DSS-3 (5-7)	TCL/SRS/NYSDEC Part 375 VOCs, on hold - TCLP VOCs.

Upcoming work activities anticipated:

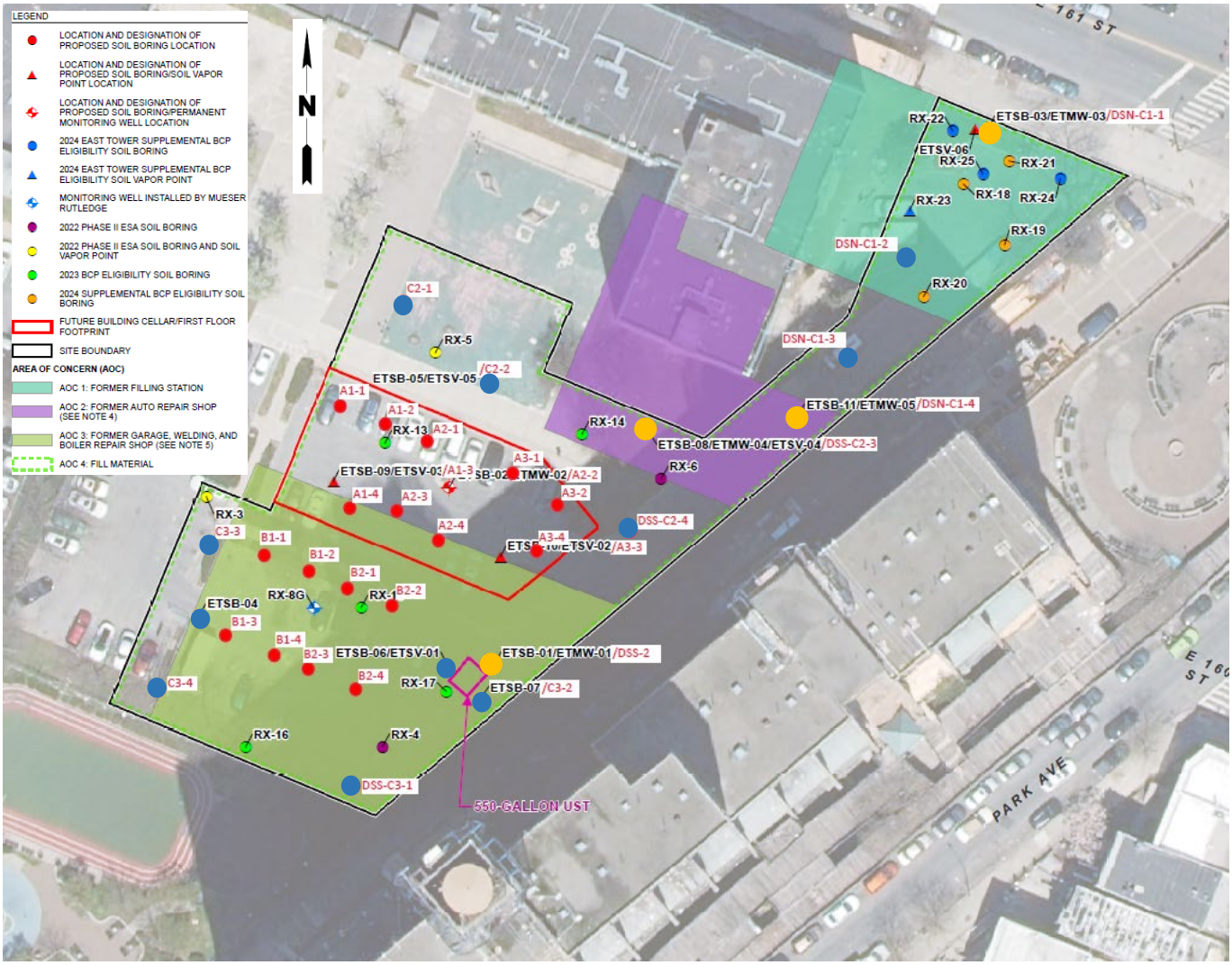
- Soil boring advancement will continue utilizing the Geoprobe drill rig.
- Roux will continue inspecting all recovered soil, recording lithology, and screening with a PID for VOCs. Soil samples will be collected at all waste characterization/RI locations.
- Roux will install soil vapor points and groundwater monitoring wells.
- Mega Surveying and Engineering will survey permanent groundwater monitoring well locations following installation.

Approved:	Lauren Dolginko	By:	**Patrick Perry** **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

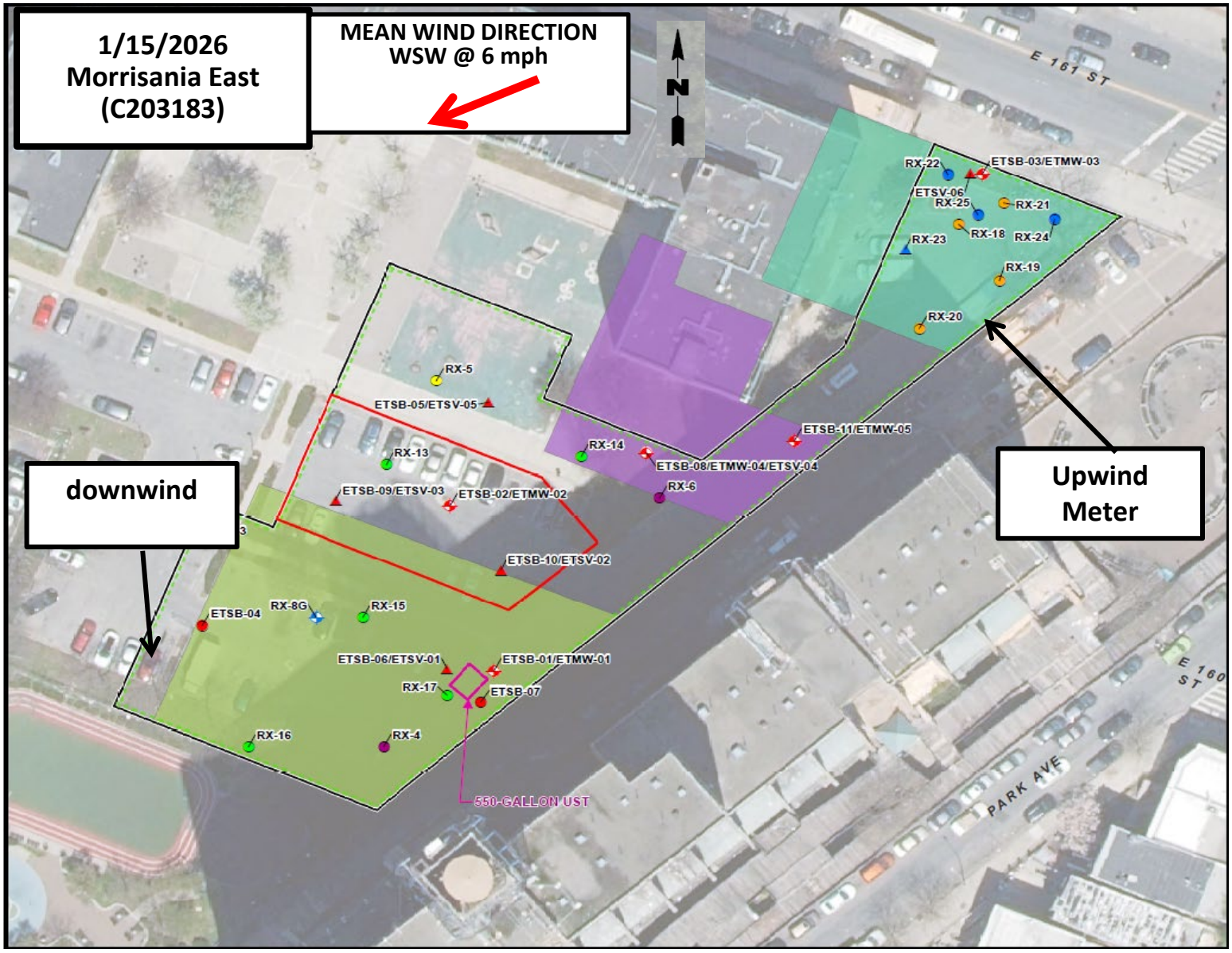
Project: Morrisania East (C203183)
PM: Lauren Dolginko
Location: E 161st Street, Bronx, NY
Date: 1/15/2026

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
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:**	1/16/2026
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 - 2x Personnel - 1x Geoprobe 7720DT	Emelia Pagano – Roux D.P.C. 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) ESTB-02 (6-8) ON HOLD ESTB-02 (10-12) ON HOLD 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** **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) 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) WC-A2-2 (10-14)	TCL/SRS/NYSDEC Part 375 VOCs, on hold - TCLP VOCs.

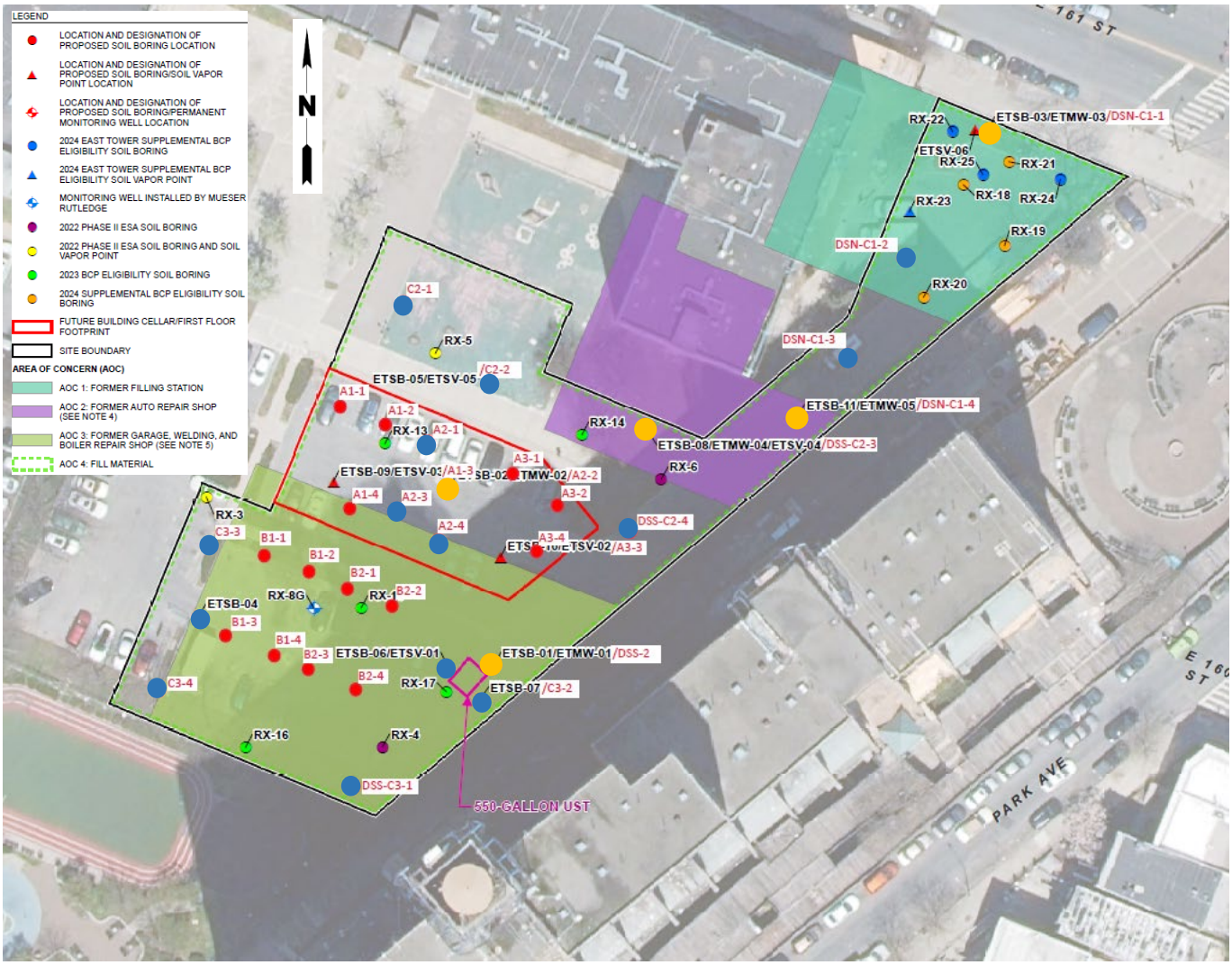
Upcoming work activities anticipated:

- 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** **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**

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** **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**
			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

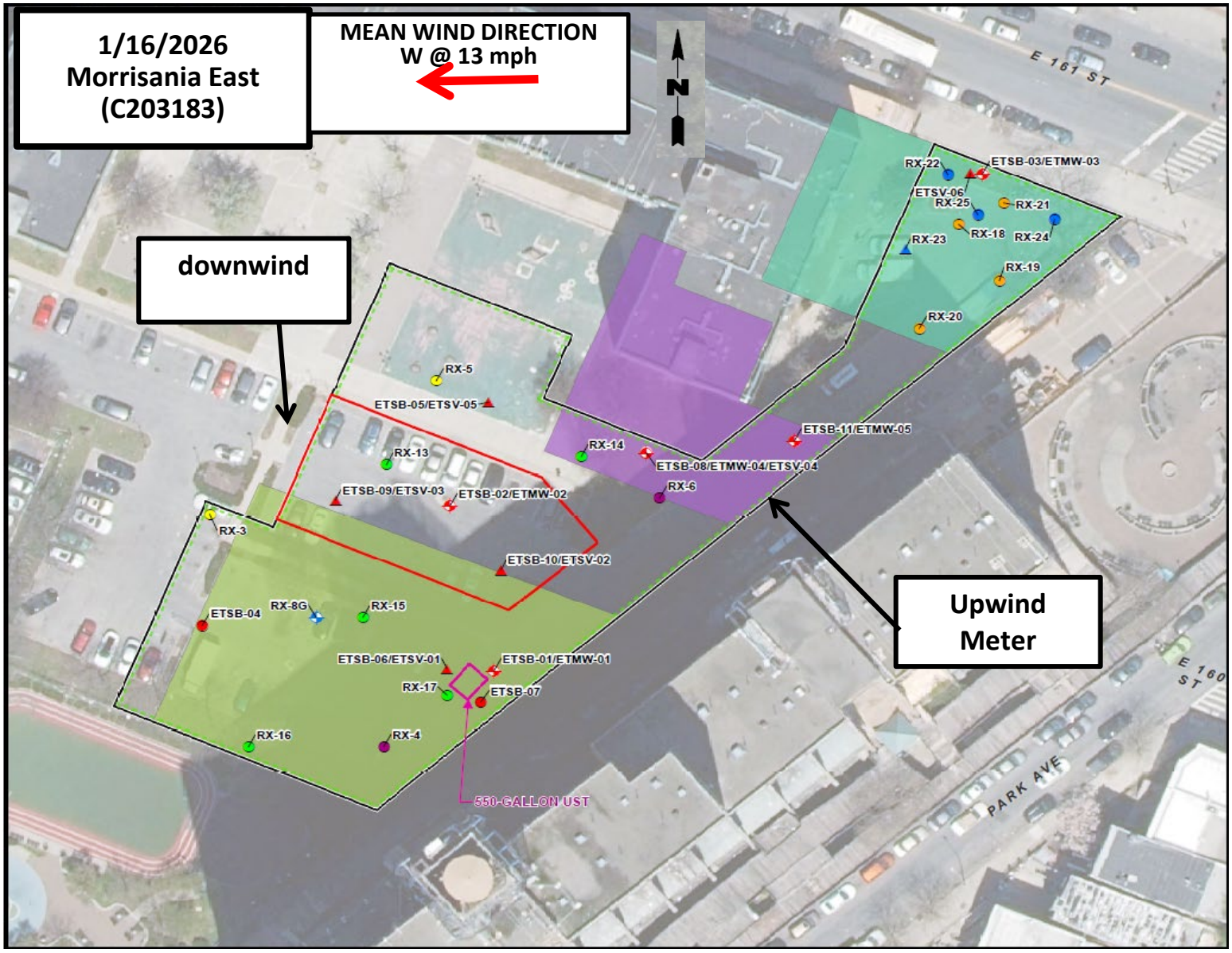
Project: Morrisania East (C203183)
PM: Lauren Dolginko
Location: E 161st Street, Bronx, NY
Date: 1/16/2026

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 - 2x Personnel - 1x Geoprobe 7720DT Drilling Contractor – Coastal Environmental - 2x Personnel - 1x Geoprobe 7822DT	Emelia Pagano – Roux D.P.C. 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** **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) ESTB-09 (6-8) ON HOLD ESTB-09 (10-12) ON HOLD 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) 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) WC-A1-2 (10-14)	TCL/SRS/NYSDEC Part 375 VOCs, on hold - TCLP VOCs.

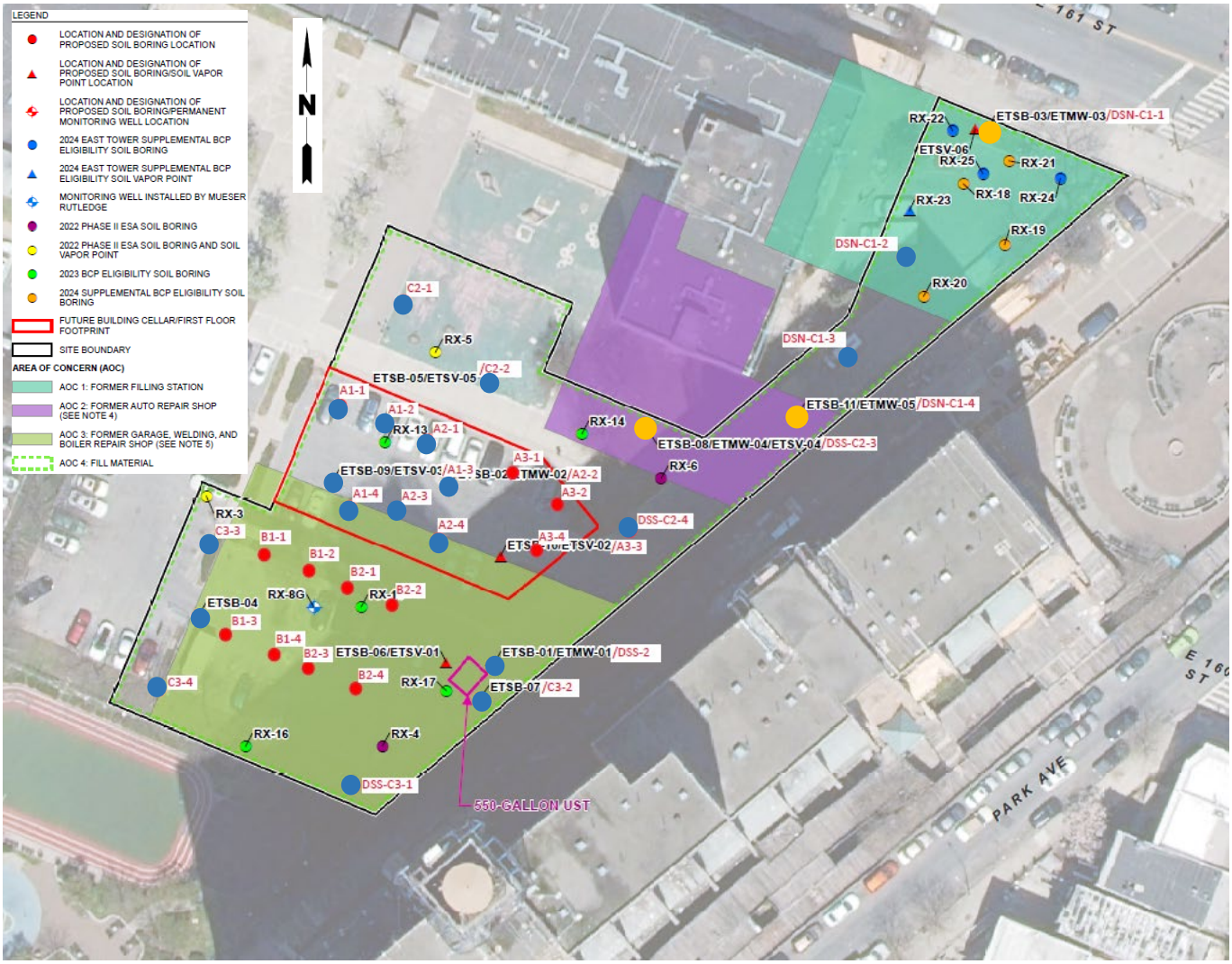
Upcoming work activities anticipated:

- 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** **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**

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** **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

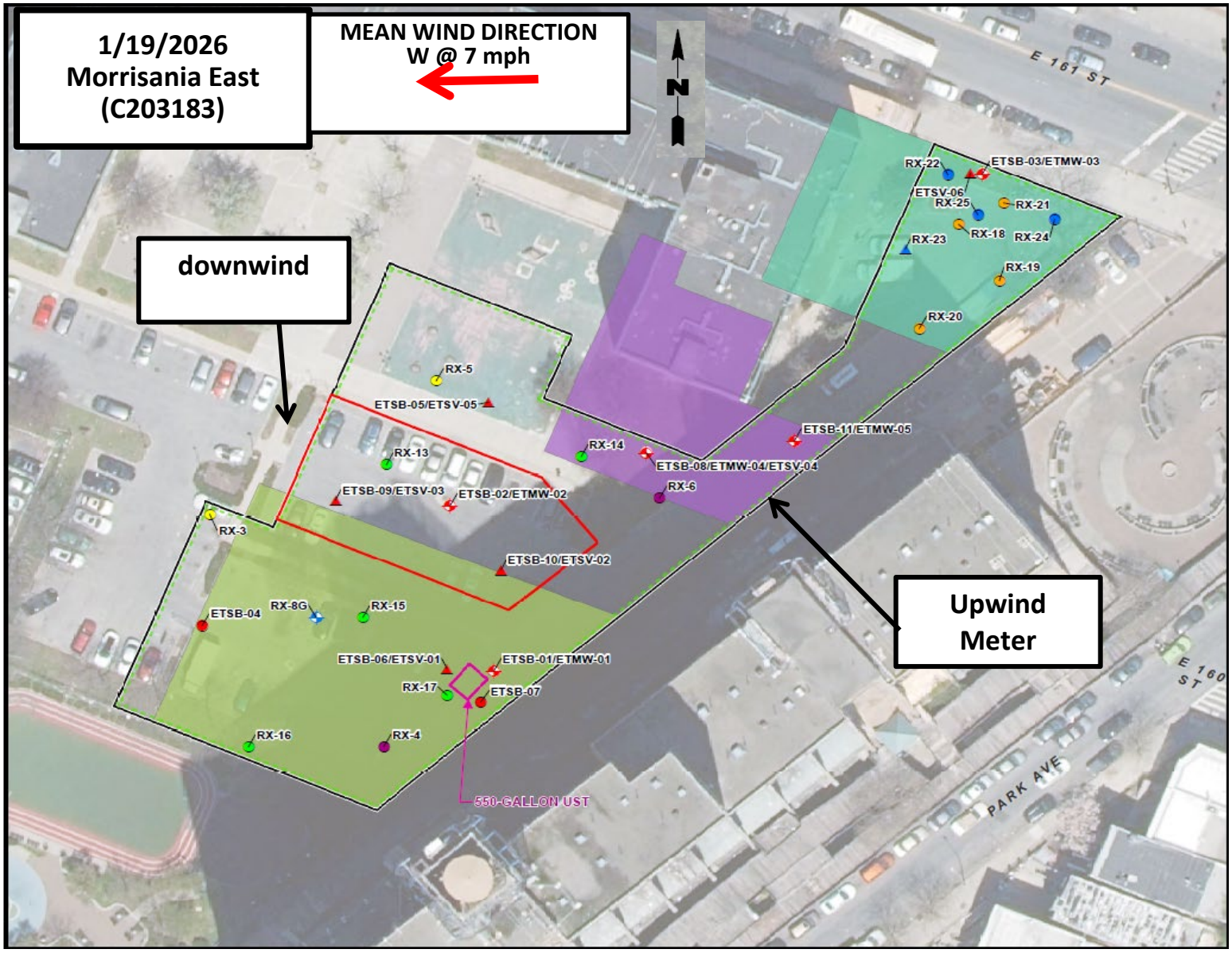
Project: Morrisania East (C203183)
PM: Lauren Dolginko
Location: E 161st Street, Bronx, NY
Date: 1/19/2026

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
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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 - 2x Personnel - 1x Geoprobe 7720DT Drilling Contractor – Coastal Environmental - 2x Personnel - 1x Geoprobe 7822DT	Emelia Pagano – Roux D.P.C. 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) ESTB-06 (6-8) ESTB-06 (8-10) 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** **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.

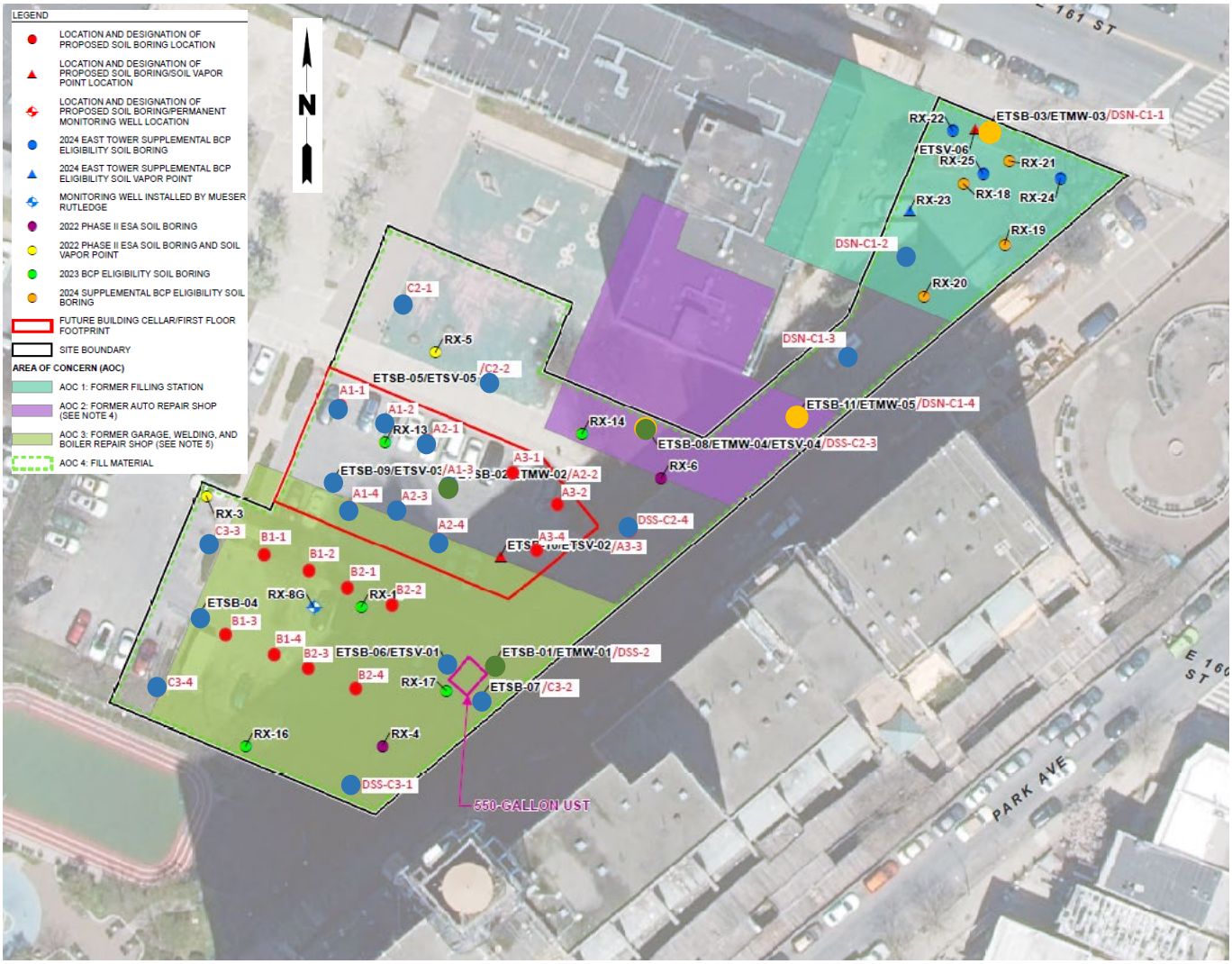
Upcoming work activities anticipated:

- 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.

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**
			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.

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

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**
			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

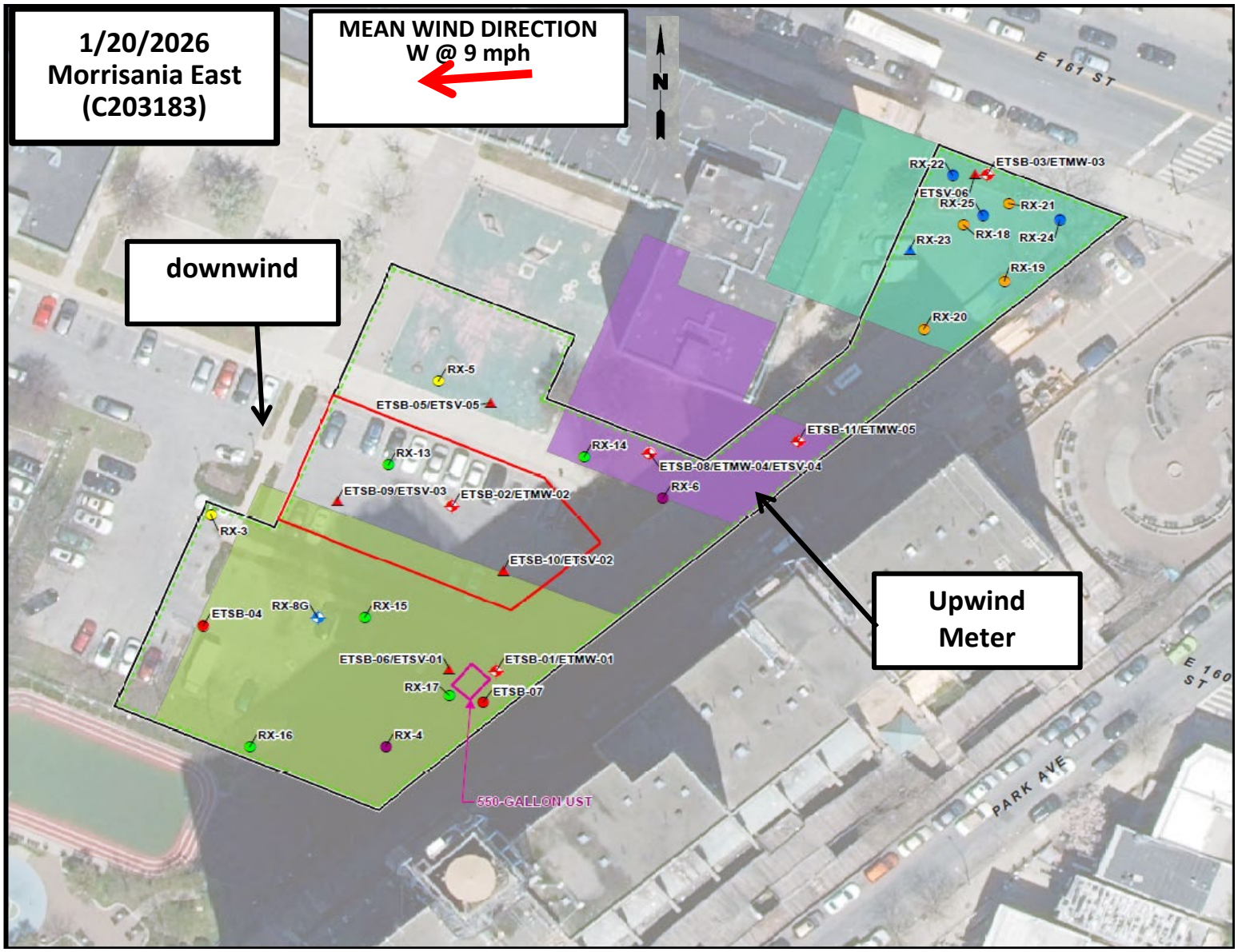
Project: Morrisania East (C203183)
PM: Lauren Dolginko
Location: E 161st Street, Bronx, NY
Date: 1/20/2026

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 - 2x Personnel - 1x Geoprobe 7720DT Drilling Contractor – Coastal Environmental - 2x Personnel - 1x CRS XL 140 DUO	Emelia Pagano – Roux D.P.C. 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** **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) 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) WC-B1-1 (10-12)	TCL/SRS/NYSDEC Part 375 VOCs, on hold - TCLP VOCs.

Upcoming work activities anticipated:

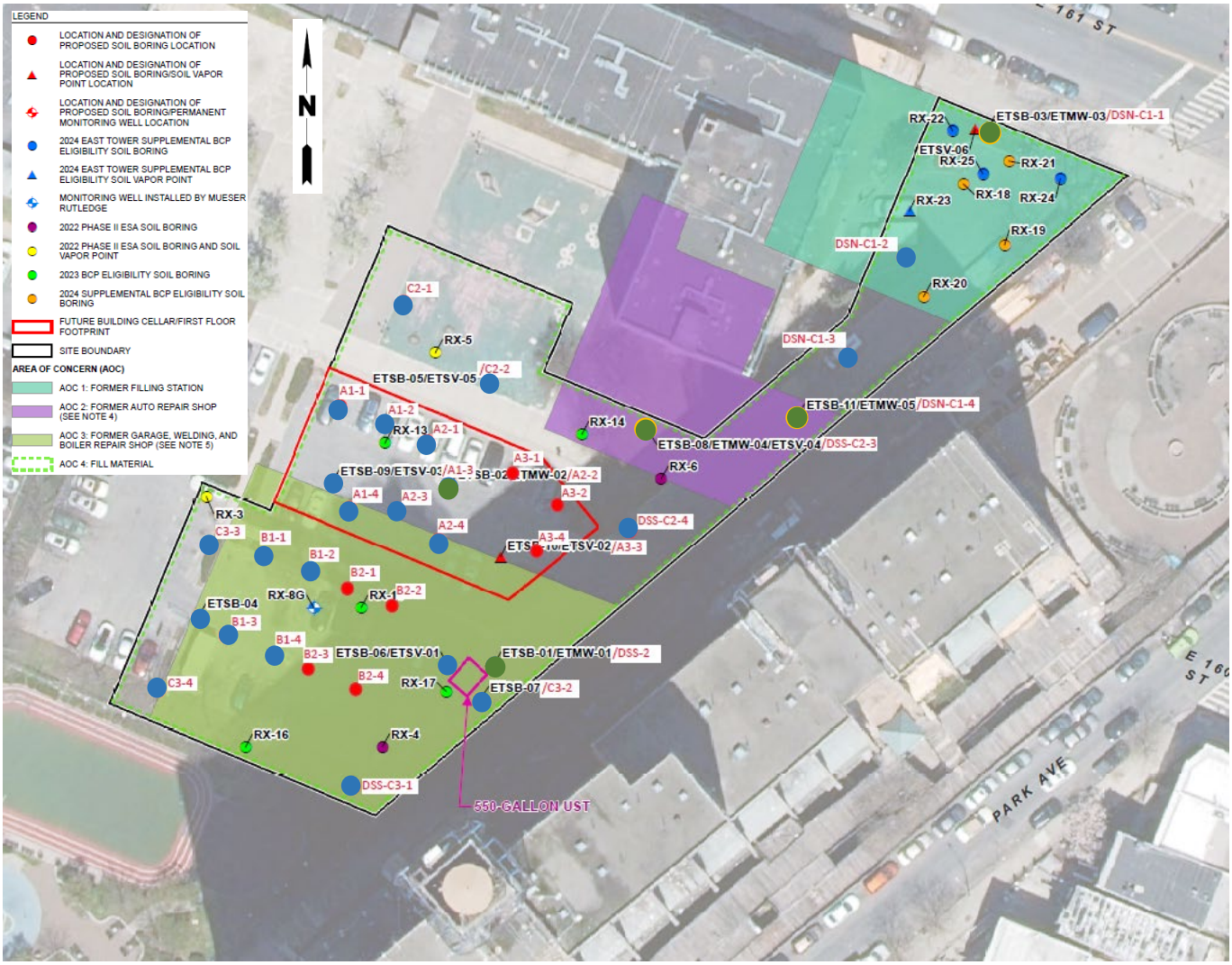
- Soil boring advancement will continue utilizing the Geoprobe drill rig.
- Roux will continue inspecting all recovered soil, recording lithology, and screening with a PID for VOCs. Soil samples will be collected at all waste characterization/RI locations.
- Roux will install soil vapor points and groundwater monitoring wells.
- Mega Surveying and Engineering will survey permanent groundwater monitoring well locations following installation.

Approved:	Lauren Dolginko	By:	**Patrick Perry** **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

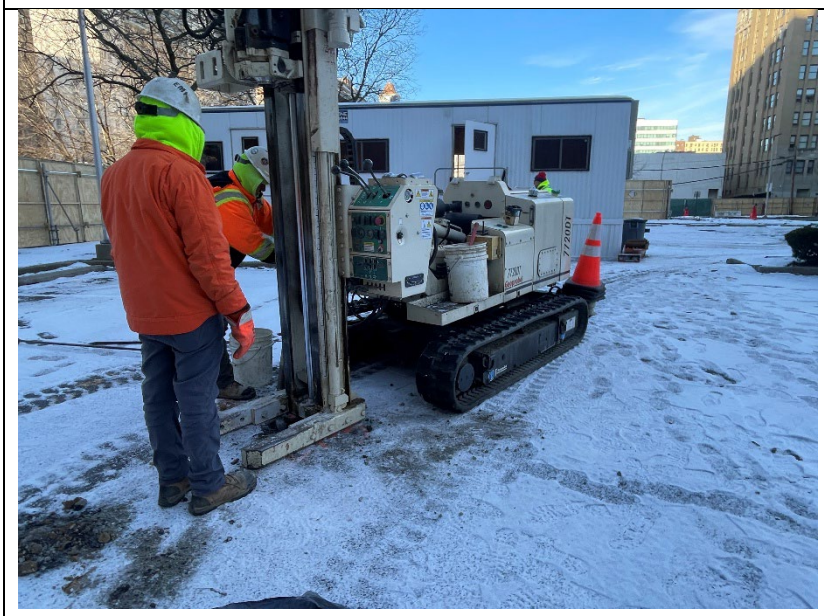


Photo 1: Looking west, view of Trinity drilling soil boring B1-3.

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.**

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

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** **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

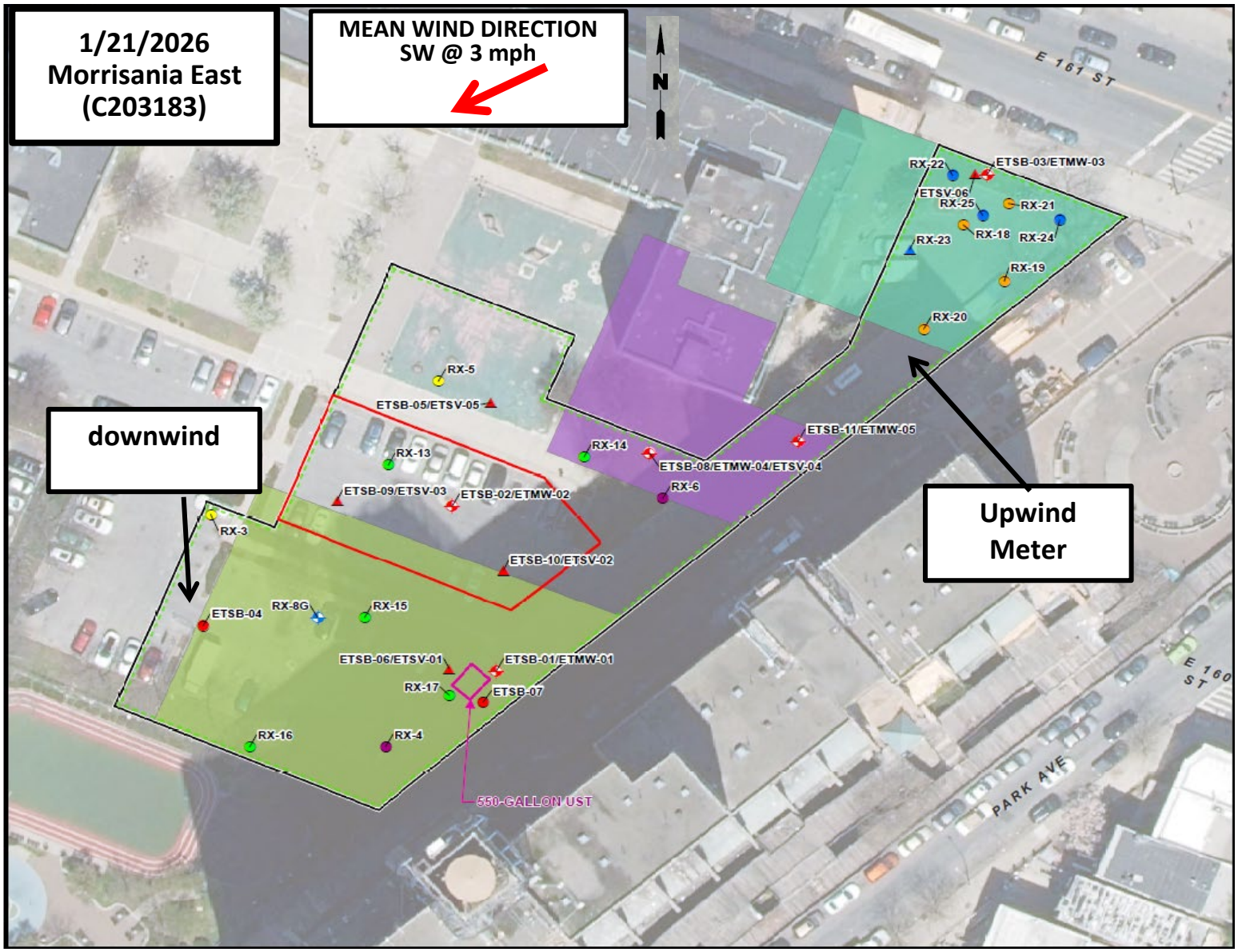
Project: Morrisania East (C203183)
PM: Lauren Dolginko
Location: E 161st Street, Bronx, NY
Date: 1/21/2026

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 - 2x Personnel - 1x Geoprobe 7720DT Drilling Contractor – Coastal Environmental - 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** **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) 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) WC-B2-3 (10-12)	TCL/SRS/NYSDEC Part 375 VOCs, on hold - TCLP VOCs.

Upcoming work activities anticipated:

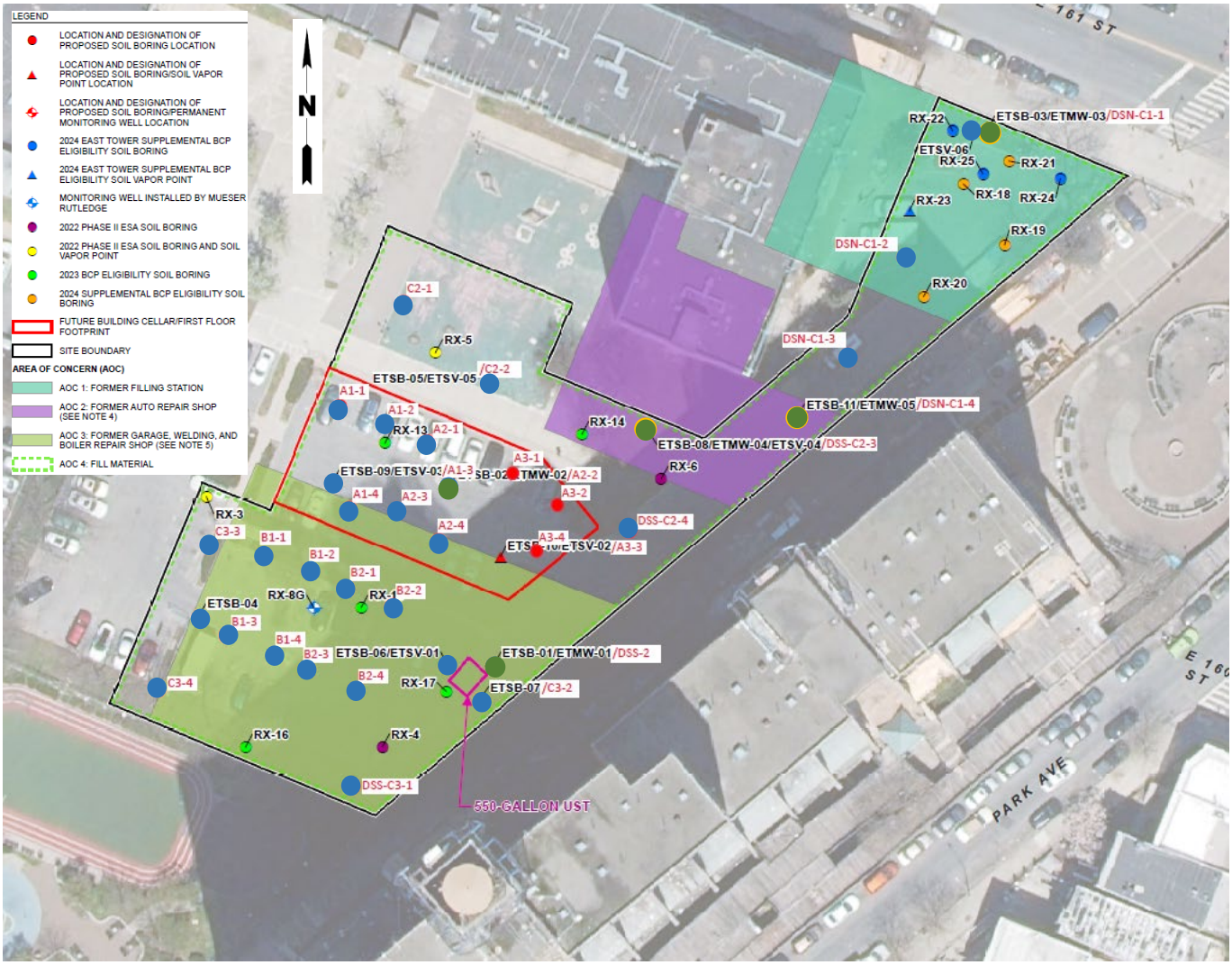
- Soil boring advancement will continue utilizing the Geoprobe drill rig.
- Roux will continue inspecting all recovered soil, recording lithology, and screening with a PID for VOCs. Soil samples will be collected at all waste characterization/RI locations.
- Roux will install soil vapor point.
- Roux 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** **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



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.

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

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** **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

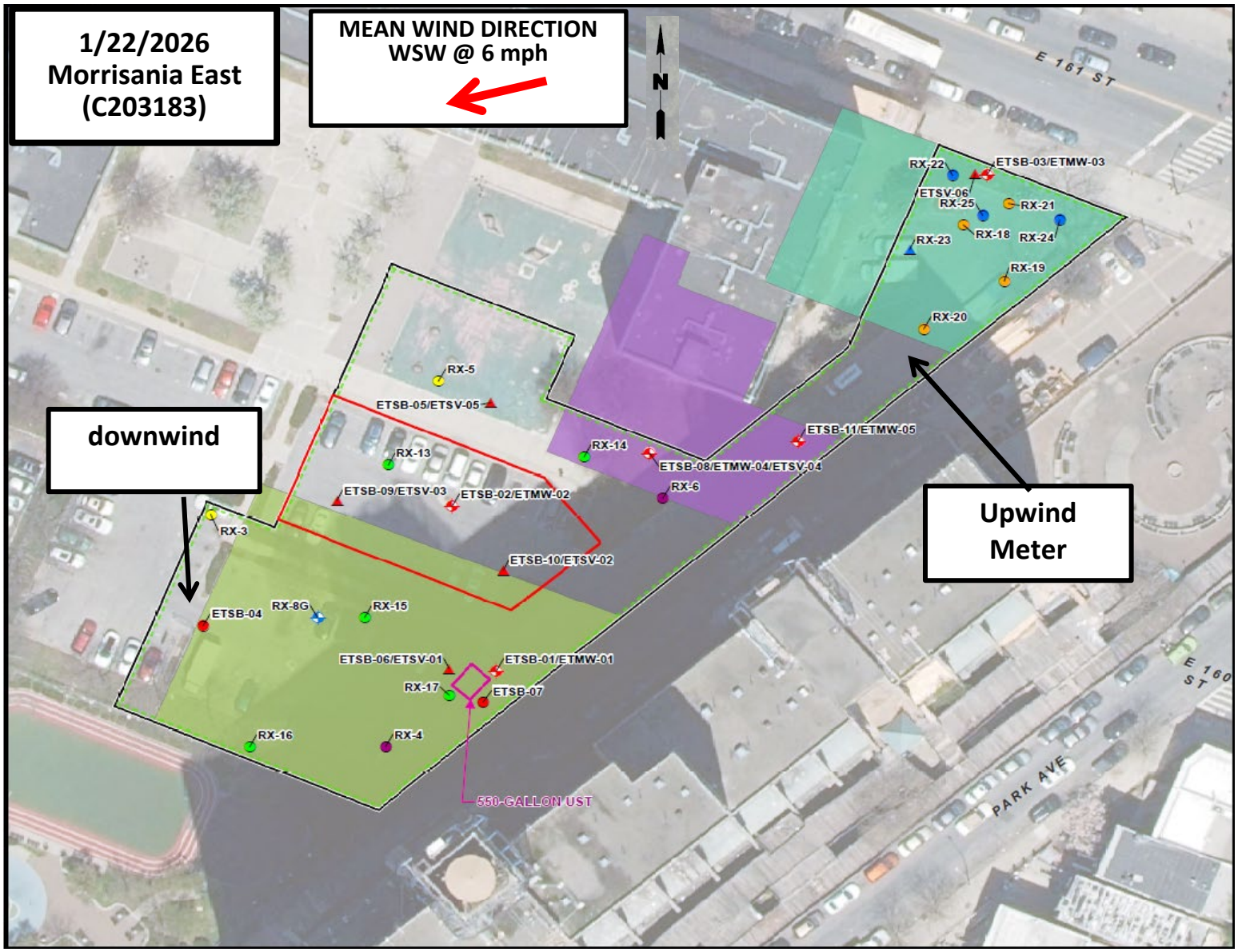
Project: Morrisania East (C203183)
PM: Lauren Dolginko
Location: E 161st Street, Bronx, NY
Date: 1/22/2026

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
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:**	1/23/2026
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 - 2x Personnel - 1x Geoprobe 7720DT Surveying Contractor – Mega Surveying and Engineering - 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) ETSB-10 (6-8) On Hold ETSB-10 (9-11) On Hold 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** **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) 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) WC-A3-1 (9-11)	TCL/SRS/NYSDEC Part 375 VOCs, on hold - TCLP VOCs.

Upcoming work activities anticipated:

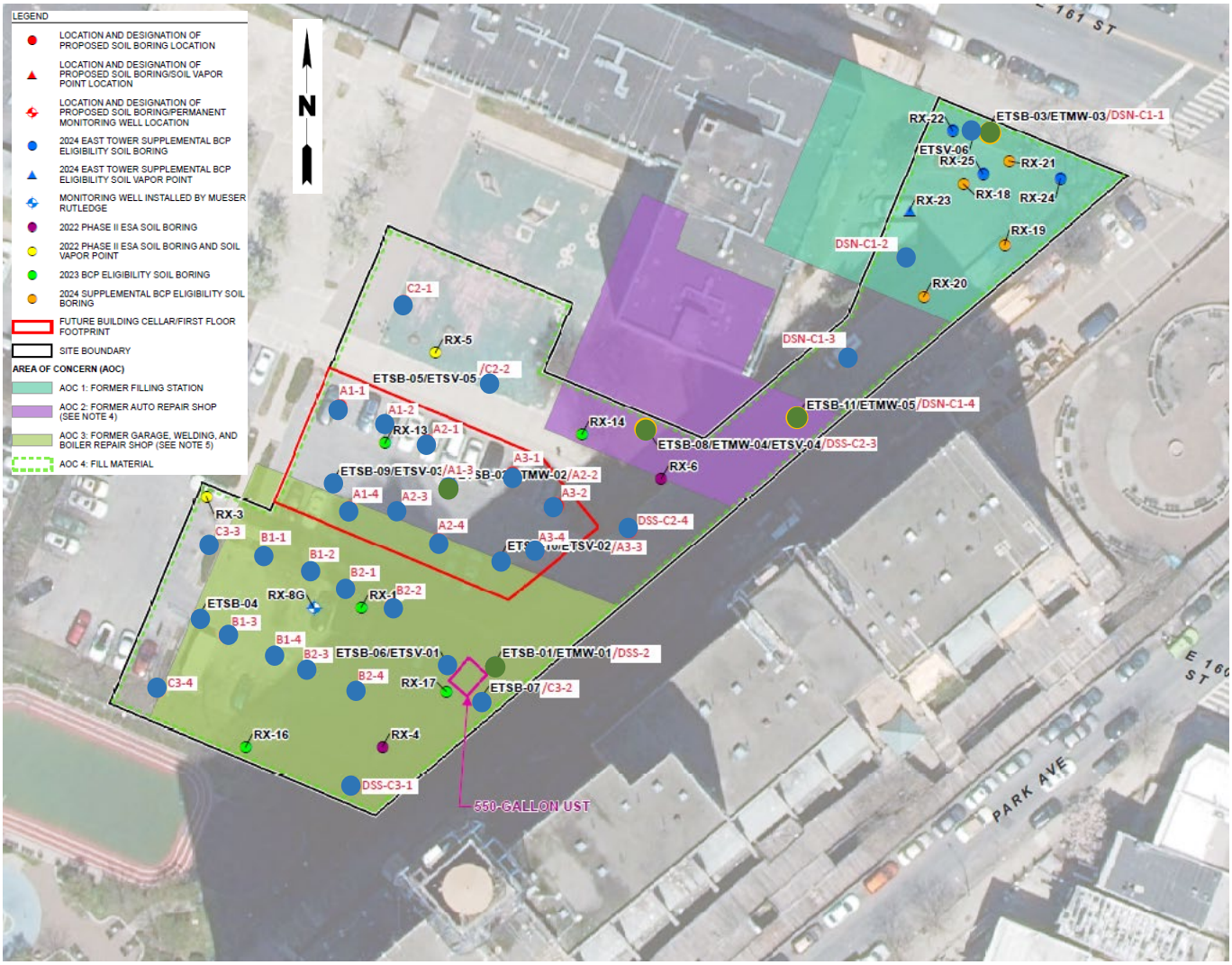
- Soil boring advancement will continue utilizing the Geoprobe drill rig.
- Roux will continue inspecting all recovered soil, recording lithology, and screening with a PID for VOCs. Soil samples will be collected at all waste characterization/RI locations.
- Roux will install soil vapor point.
- Roux 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** **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**
			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

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.

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

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

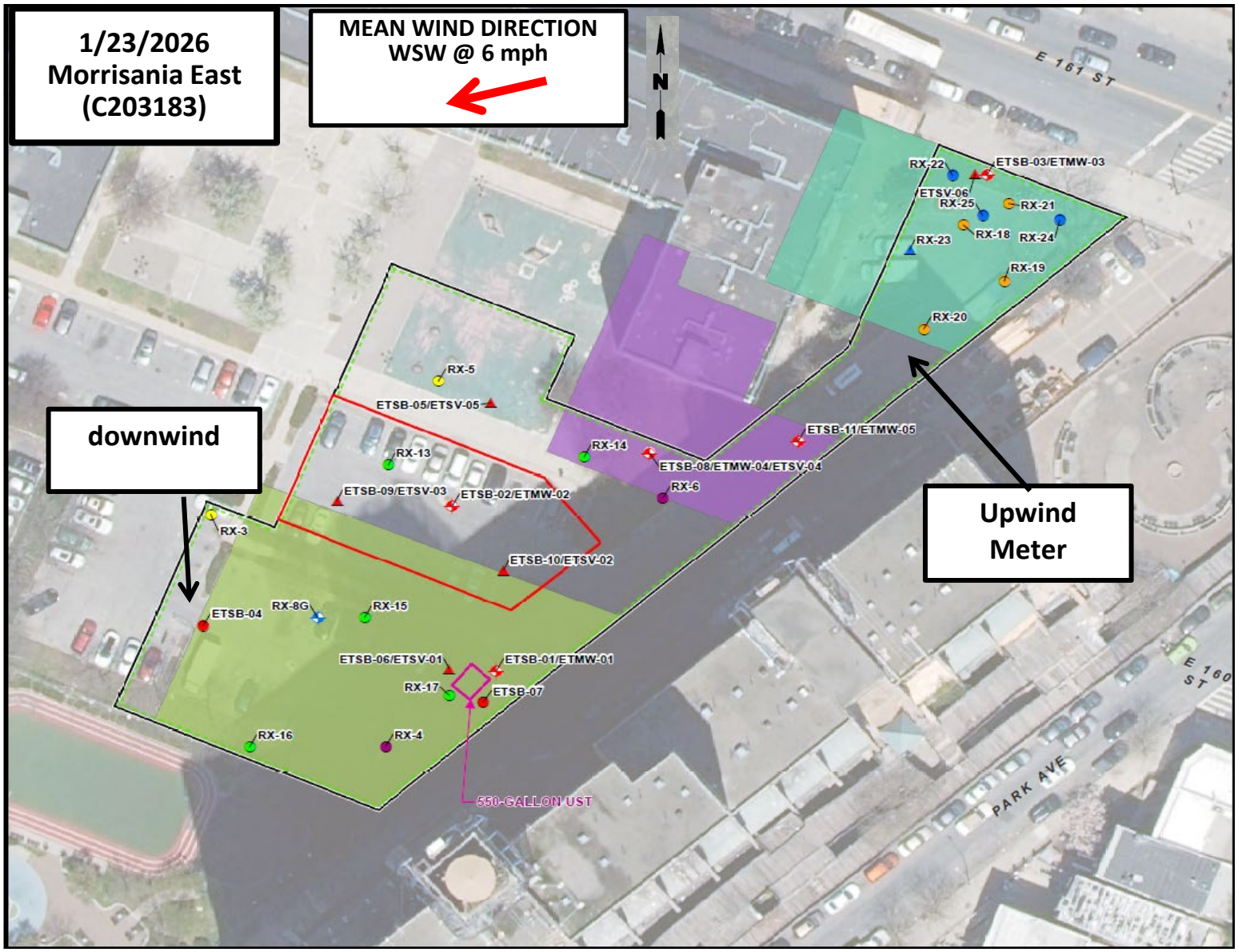
Project: Morrisania East (C203183)
PM: Lauren Dolginko
Location: E 161st Street, Bronx, NY
Date: 1/23/2026

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
E 161 ST
E 160 ST
PARK AVE
downwind
Upwind
Meter
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
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:**	1/29/2026
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. Elizabeth Murphy – Roux D.P.C. 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:

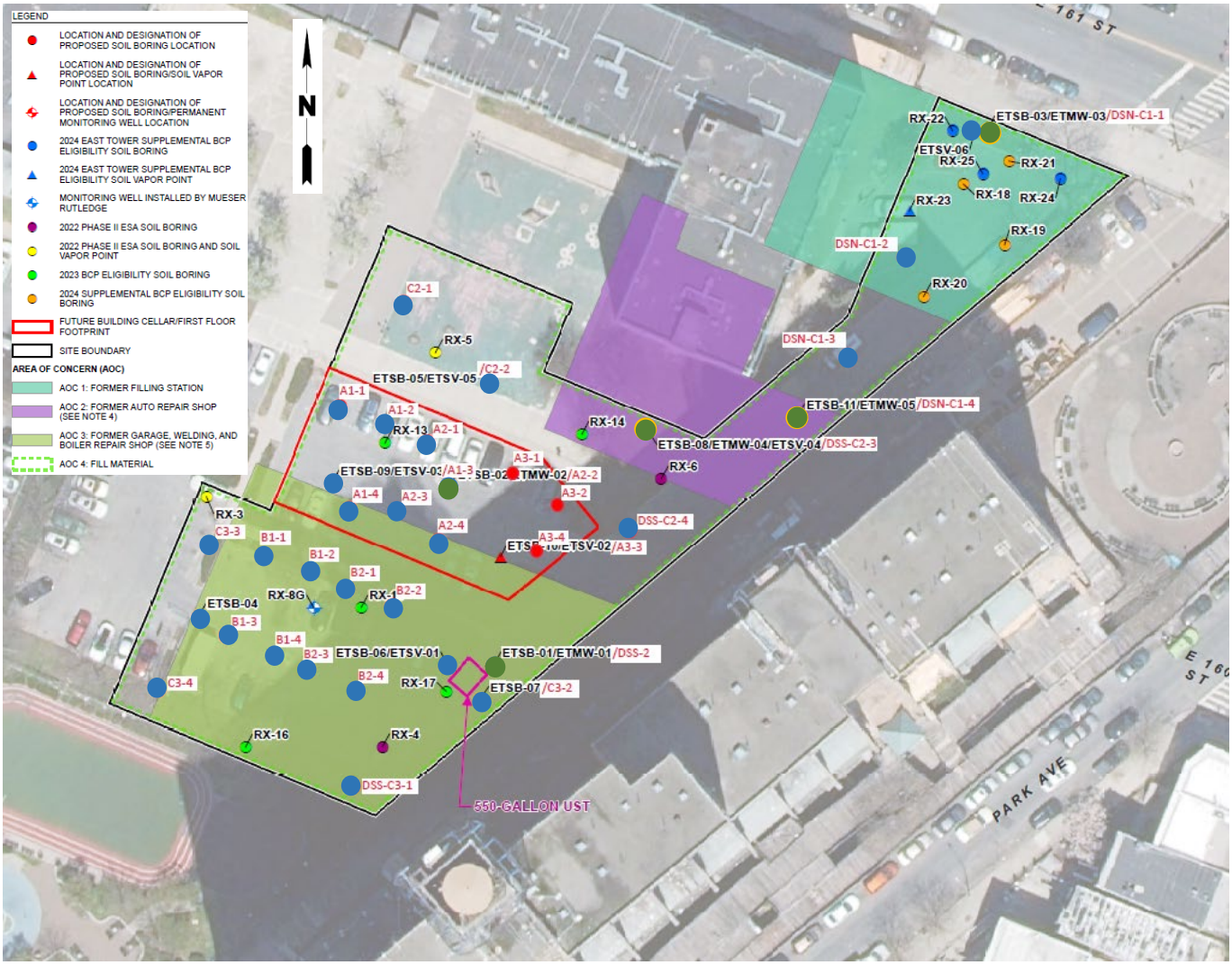
- Groundwater sampling of remaining monitoring wells on East Morrisania Site.

Approved:	Lauren Dolginko	By:	**Ronnie Reynoso-Gomez** **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.

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

CONTRACTOR AND EQUIPMENT	**PERSONNEL PRESENT AT SITE AND AFFILIATION:**
Drilling Contractor – No contractor on Site.	Maxwell Tanner – Roux D.P.C. 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:

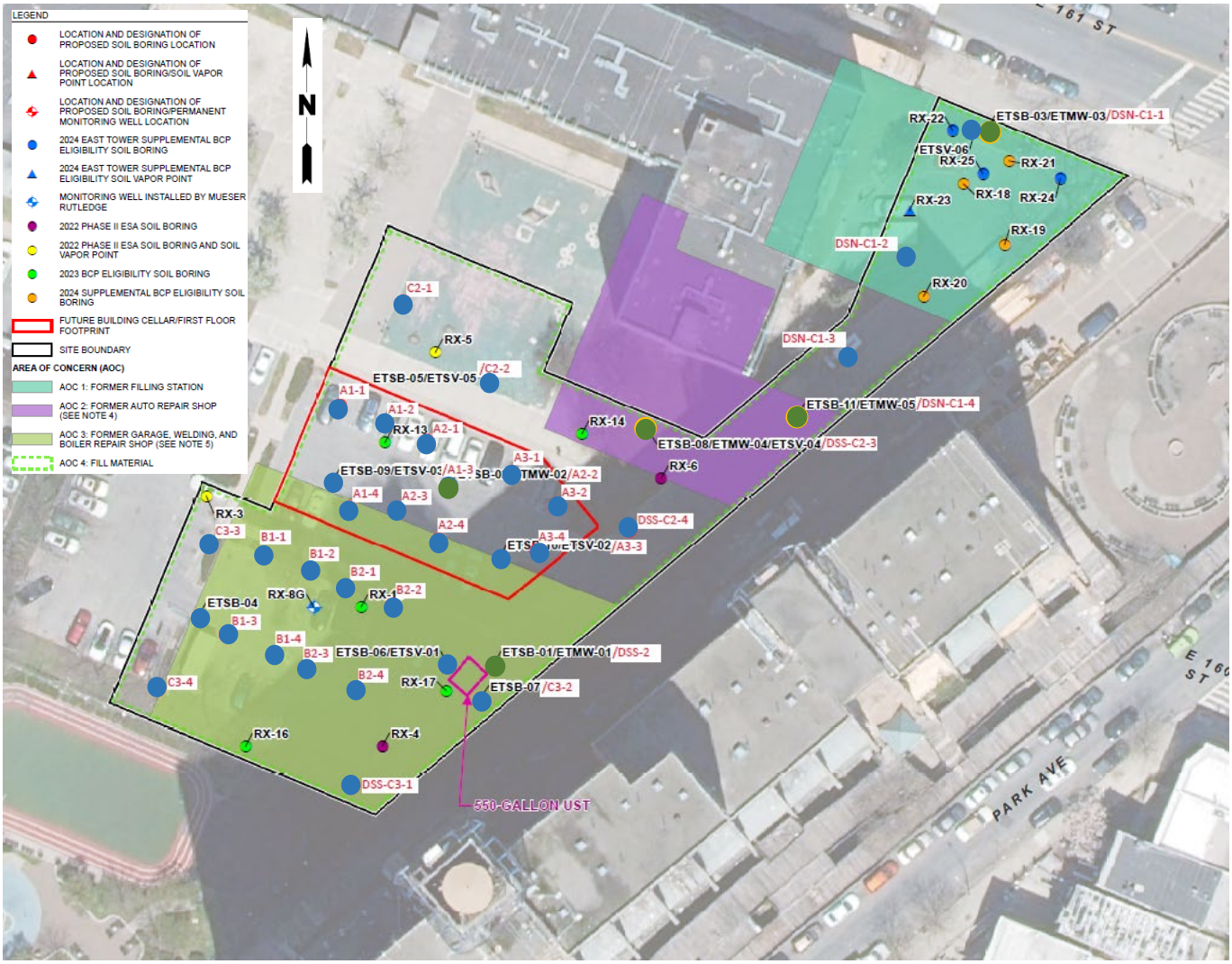
- None

Approved:	Lauren Dolginko	By:	**Patrick Perry** **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



Legend

- RI location pre-cleared
- RI monitoring well location
- RI soil boring location

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:**	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** **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** **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

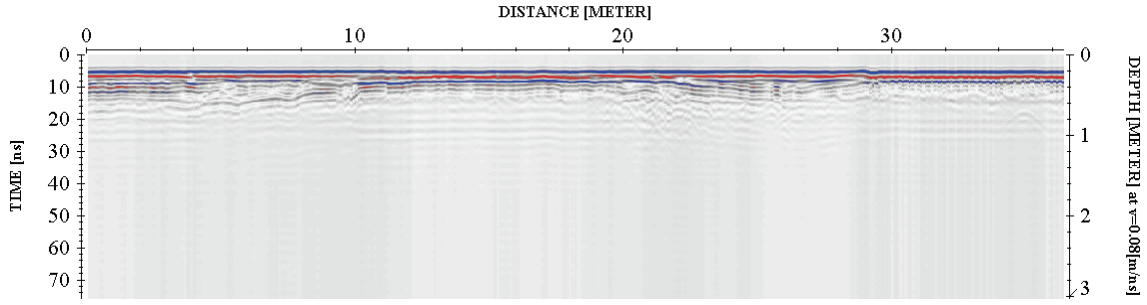
The project site was screened using GPR to search the specified area and inspected for reflections, which could be indicative of substructures and utilities within the subsurface. An EM utility locator was used to help determine the locations of utilities within the survey area.

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.

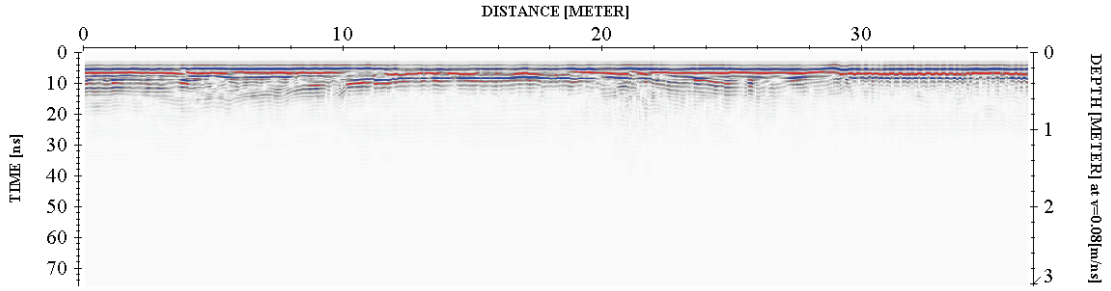
DATA PROCESSING

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.

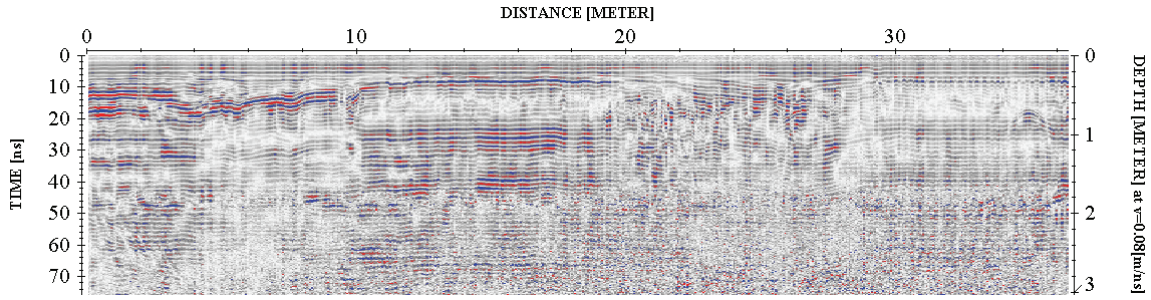
Step 1. Import Raw RAMAC data to standard processing format



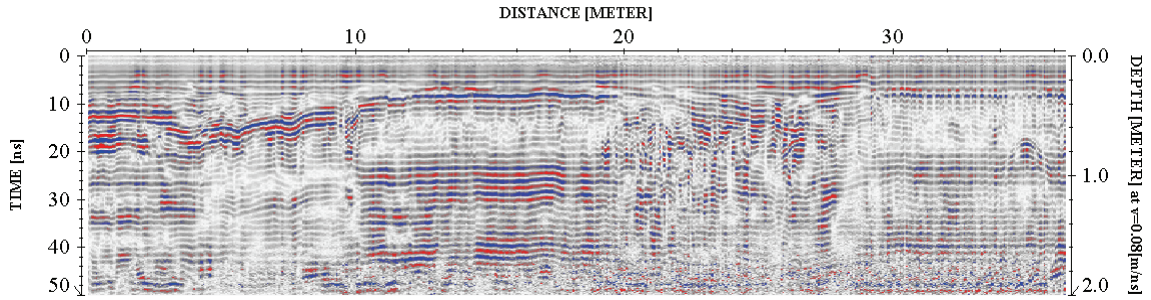
Step 2. Remove instrument noise *(dewow)*



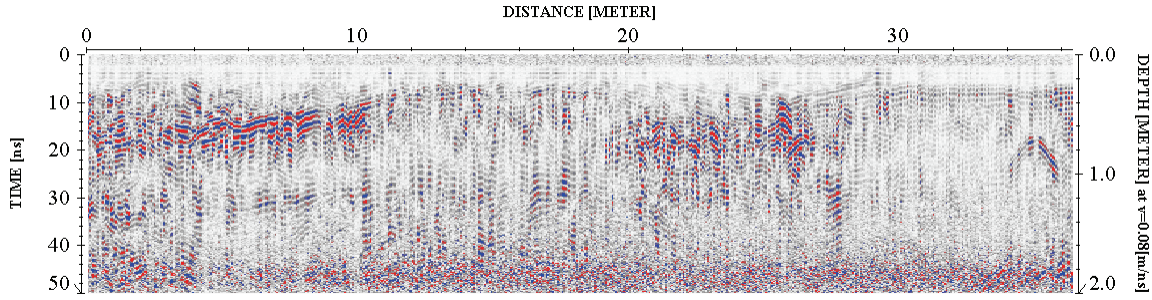
Step 3. Correct for attenuation losses *(energy decay function)*



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** 280 East 161st Street 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** 280 East 161st Street 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

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December 18th, 2023

GEOPHYSICAL SURVEY IMAGES

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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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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

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

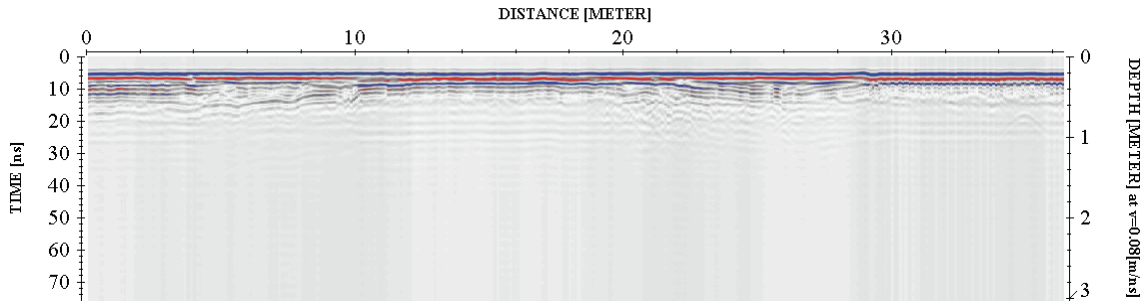
The project site was screened using GPR to search the specified area and inspected for reflections, which could be indicative of substructures and utilities within the subsurface. An EM utility locator was used to help determine the locations of utilities within the survey area.

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.

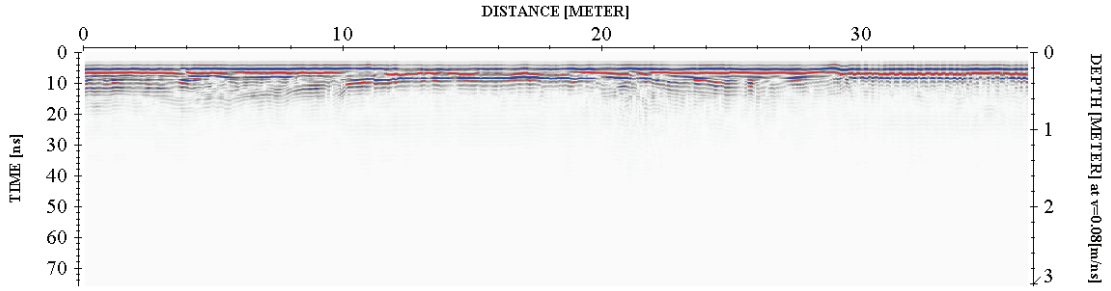
DATA PROCESSING

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)*



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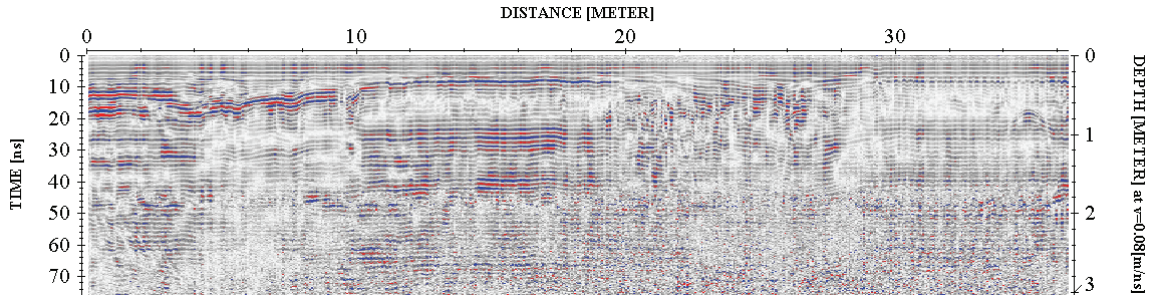
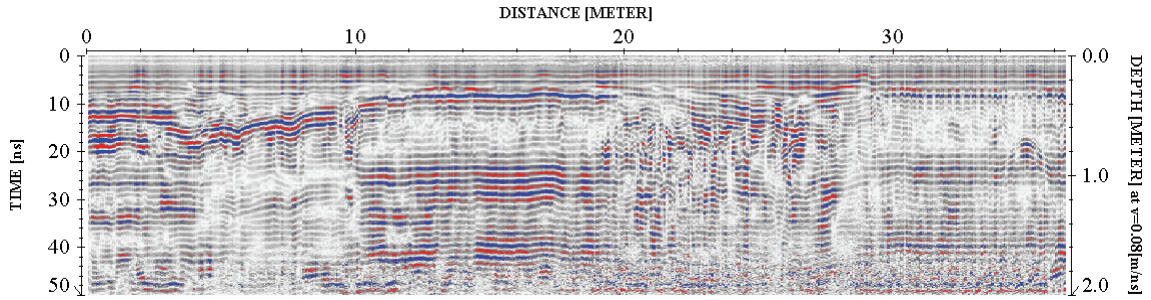
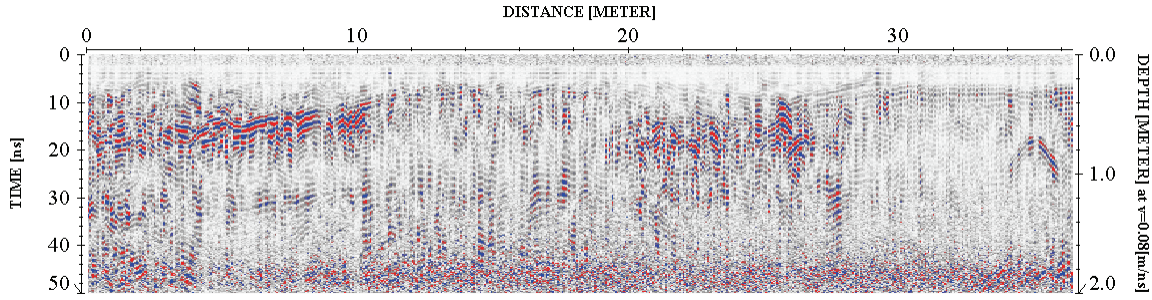


Step 4. Remove static from bottom of profile *(time cut)*



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** 280 East 161st Street 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** 280 East 161st Street 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

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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
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NOVA GEOPHYSICAL SERVICES

SUBSURFACE MAPPING SOLUTIONS
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

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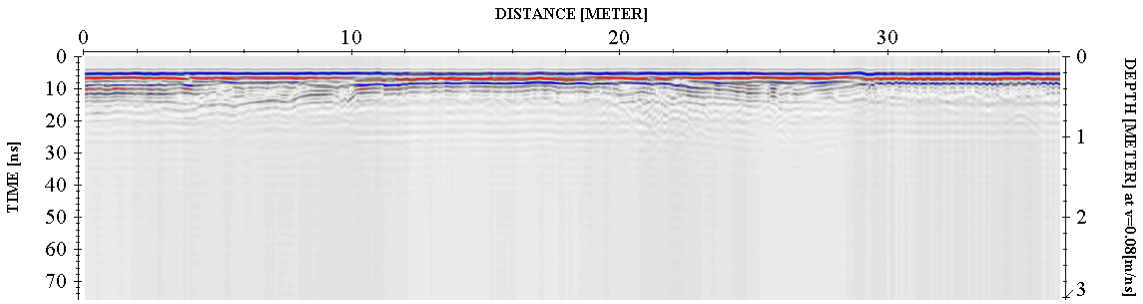

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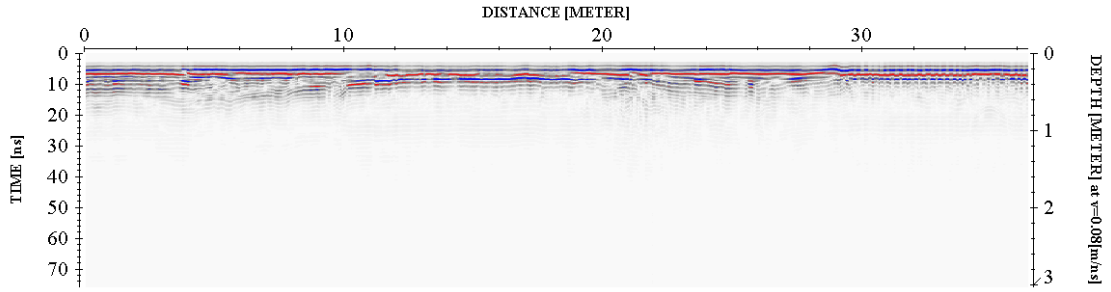

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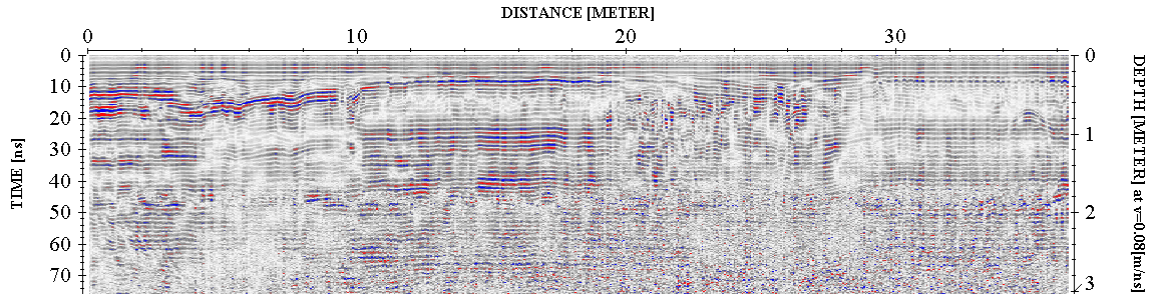

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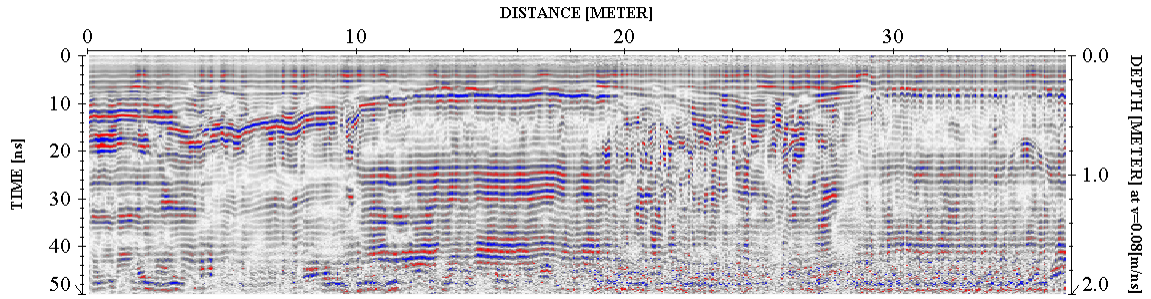

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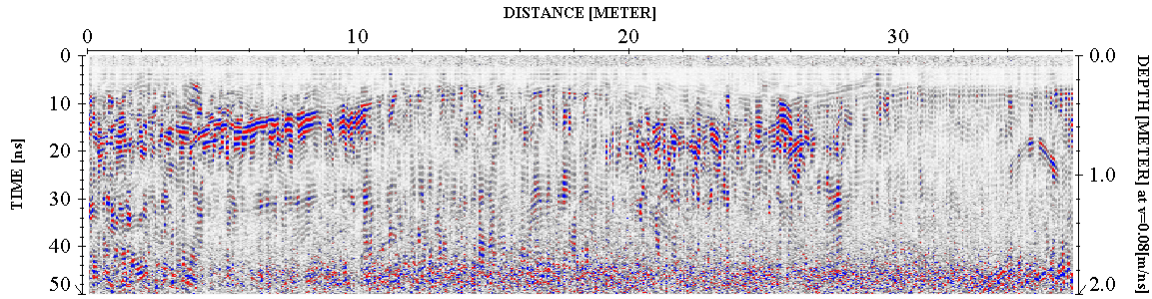


The above example shows the significance of data processing. The last image (step 5) has higher resolution than the starting image (raw data – step 1) and represents the subsurface anomalies much more accurately.

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

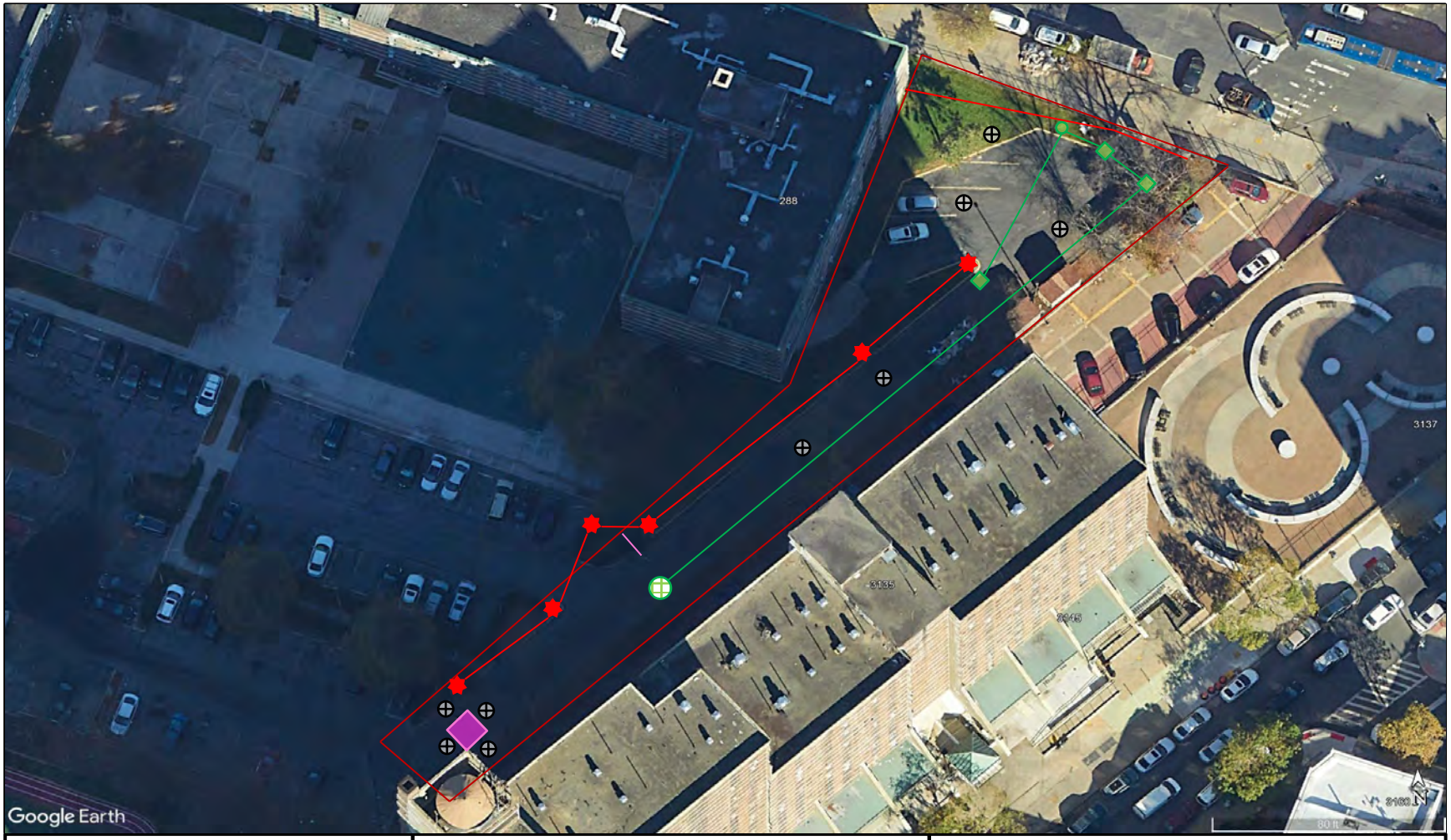
Geophysical Images

NOVA
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

Site Location

SITE:	**Residential Property** 280 E 161st Street, Bronx, NY 10451
CLIENT:	ROUX
DATE:	September 5th, 2024
AUTH:	Jason Staunton/ Tolga Yuksekbas

Legend



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Phone (347) 556-7787 * Fax (718) 261-1527
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SURVEY PLAN

SITE:	**Residential Property** 280 E 161st Street, Bronx, NY 10451
CLIENT:	ROUX
DATE:	September 5th, 2024
AUTH:	Jason Staunton/ Tolga Yuksekbas

Legend

- Survey Area
- Storm drain
- Sewage/ drain
- Anomaly (Possible UST)
- Electric
- Light pole
- Linear anomaly
- Proposed Boring Location
- Sewer cover
- Dry well

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

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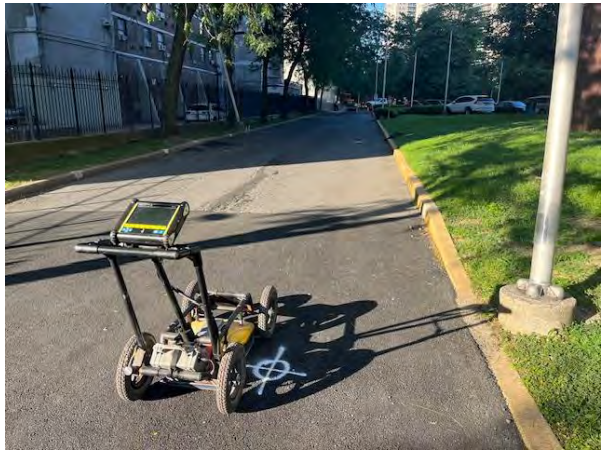
280 E 161st Street,
Bronx, NY 10451
September 5th, 2024



GEOPHYSICAL IMAGES

Residential Property
280 E 161st Street,
Bronx, NY 10451
September 5th, 2024

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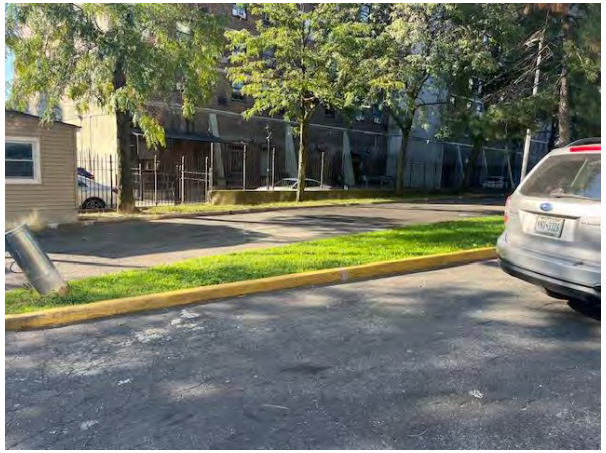

GEOPHYSICAL IMAGES

Residential Property
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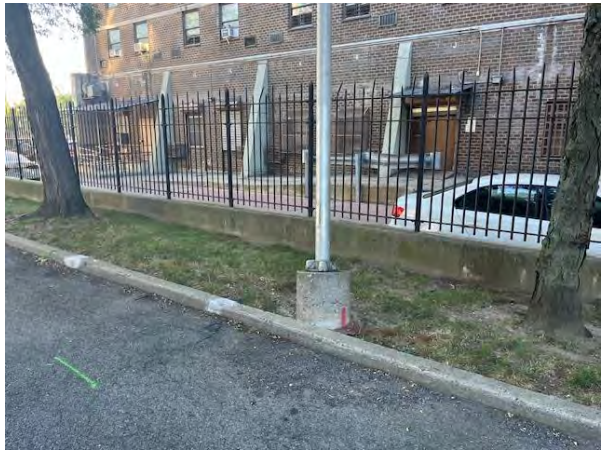


APPENDIX F

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

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

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

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

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

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

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	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
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

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)	Well Diagram	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
0	J Plug	ASPH		ASPHALT.			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.	G	5		
		MIXD		Brown, fine to coarse SAND, little fine to coarse Gravel, trace asphalt and brick (FILL); moist.				
5	2" PVC Riser	MIXD		Brown, fine to coarse SAND, little fine to coarse Gravel and Concrete (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.
		SWG		Brown, fine to coarse SAND, little Gravel; moist.		3.5		
	Soil Cuttings	SW		Light brown, fine to coarse SAND, trace gravel; moist.			0	
10						0.5		ETSB-01 (9-11) collected for RI sample parameters.
				WEATHERED BEDROCK.				
15	Grout							
20	#2 Morrie Sand	BEDR						
	2" 20 Slot PVC							
25	GROUND WATER LEVEL 1/29/2026							
30								

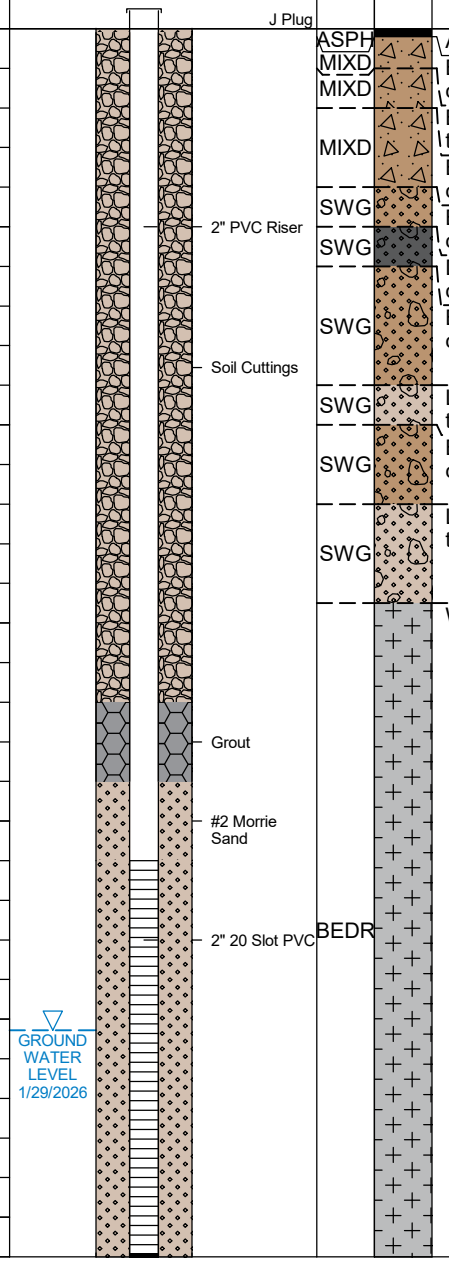
ROUX STANDARD LOG_ - 3/23/26 11:29 - S:\GINT\PROJECTS\3868.0005Y000 RI AND WC.GPJ

ETSB-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



Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
0	ASPH		ASPHALT.			0	ETSB-02 (0-2 in) collected for RI sample parameters. ETSB-02 (2-6 in) collected for RI sample parameters. ETSB-02 (2-4) and ETSB-02 (2-4)_P collected for RI sample parameters.
	MIXD		Brown, fine to coarse SAND, little fine to coarse Gravel [FILL]; moist.				
	MIXD		Brown, fine to coarse SAND, little little fine to coarse Gravel, Asphalt [FILL]; moist.	G	5		
	MIXD		Brown, fine to coarse SAND, little fine to coarse Gravel, trace asphalt [FILL]; moist.				
5	SWG		Brown, fine to coarse SAND, little fine to coarse Gravel; moist.			0	WC-A2 (0-10) collected for WC composite sample parameters.
	SWG		Dark grey, fine to coarse SAND, little fine to coarse Gravel; moist.				ETSB-02 (6-8) collected for RI sample parameters.
	SWG		Brown, fine to coarse SAND, little fine to coarse Gravel; moist.				
10	SWG		Light brown, fine to coarse SAND, little fine to coarse Gravel; moist.			0	
	SWG		Brown, fine to coarse SAND, little fine to coarse Gravel; moist.				
	SWG		Light brown, fine to coarse SAND, little fine to coarse Gravel; moist.				ETSB-02 (12-14) collected for RI sample parameters. WC-A2-2 (12-14) collected for WC grab sample parameters. WC-A2 (10-14) collected for WC composite sample parameters.
15			WEATHERED BEDROCK.				
20	BEDR						
25							
30							

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						1.1	
	MIXD		Medium brown, fine to coarse SAND, little coarse gravel, trace asphalt [FILL]; moist.				
2				G	4	0.0	
			Medium brown, fine to coarse SAND, little coarse gravel, trace asphalt and brick [FILL]; moist.				
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.
	MIXD		Brown, fine to coarse SAND, some Gravel, trace brick (FILL); moist.			0	
5							
	SW		Brown, fine to coarse SAND, trace gravel; moist.			0	ETSB-06 (6-8) collected for RI sample parameters.
10							Soil vapor point ETSV-01 installed at 10 ft bls collected for VOCs.
						0	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	
	SW		Brown, fine to coarse SAND, some fine to coarse Gravel; moist.				ETSB-07 (9-11) collected for RI sample parameters.
	SW		Yellow orange, fine to coarse SAND, some fine to coarse Gravel; moist.			7.3	
	SW		Yellow orange, fine to coarse SAND, some fine to coarse Gravel, trace silt; moist.			1.7	ETSB-07 (11.5-13.5) 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-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.		3.5	320.1	
10	Soil Cuttings	SW		Grey, fine to coarse SAND, some Silt, little fine to coarse Gravel; moist.		3	10.6	
15	Grout			WEATHERED BEDROCK.				
20	#2 Morrie Sand	BEDR						
25	2" 20 Slot PVC							
30	GROUND WATER LEVEL 1/29/2026							

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.				
	SW		Brown, fine to coarse SAND, trace silt and gravel; moist.		2	0	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.				

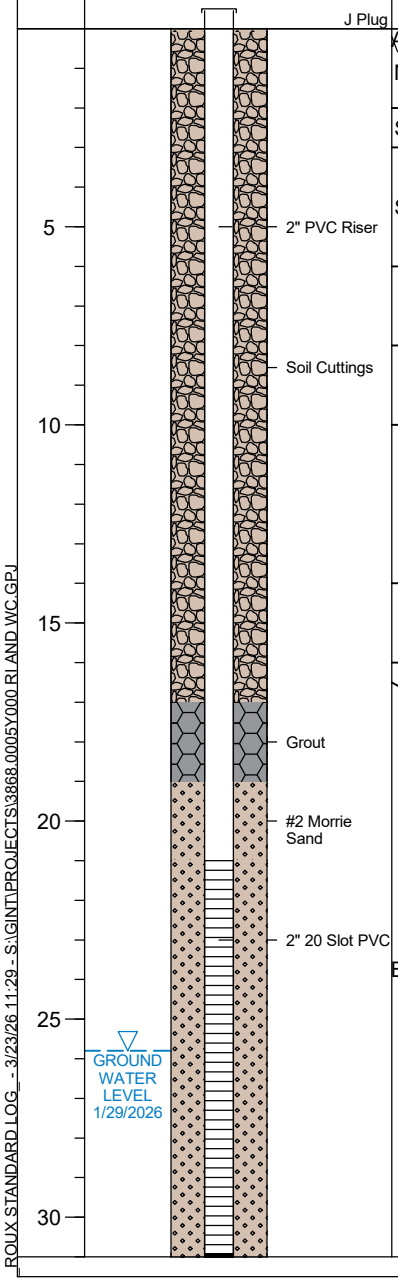
ROUX STANDARD LOG_ - 3/23/26 11:29 - S:\GINT\PROJECTS\3868.0005Y000 RI AND WC.GPJ

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



USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
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.				
SWG		Brown, fine to coarse SAND, some fine to coarse Gravel; moist.	G	5	0.2	
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.				
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	
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.				

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 Reports

Data Validation Services

120 Cobble Creek Road P. O. Box
208 North Creek, NY 12853
Phone (518) 251-4429
harry@frontiernet.net

May 19, 2026

Patrick Perry
Roux Environmental Engineering and Geology, D. P. C.
209 Shafter St
Islandia, NY 11747

RE: Morrisania East, 310 East 161st Street Sampling Event
Data Usability Summary Report (DUSR); Validation of Analytical Laboratory Data Packages
Eurofins Test America SDG Nos. 200-63614-1, 200-75050-1, 460-259095-1, 460-259845-1, 460-295197-1, 460-298189-1, 460-310801-1, 460-310892-1, 460-342995-1, 460-343015-1, 460-343046-1, 460-343810-1,460-344043-1, 460-344263-1,460-344686-1, 460-344715-1, and 460-345081-1

Dear Mr. Perry:

Review has been completed for the data packages generated by Eurofins Test America that pertain to samples collected between 06/01/22 and 02/13/26 at the East 151st Street site. Soil and aqueous samples were processed for various combinations of TCL and 6 NYCRR Part 375 volatiles, Part 375 volatiles, TCL and CP-51 semivolatiles, Part 375 semvolatiles, TCL pesticides, Aroclor PCBs, 1,4-dioxane, per- and polyfluoroalkyl substances (PFAS), total and/or dissolved TAL metals, Part 375 metals, total cyanide, and hexavalent/trivalent chromium. Three 6L canisters were processed for volatile analytes. Field blanks and trip blanks were also processed. The analytical methodologies are those of the USEPA SW846, USEPA Method 1633, and USEPA method TO-15.

The data packages submitted by the laboratory contain full deliverables for validation, and this usability report is generated from review of the QC summary form information, with full review of sample raw data and limited review of associated QC raw data. The reported QC summary forms and sample raw data have been reviewed for application of validation qualifiers, with guidance from the USEPA national and regional validation documents, and in consideration for the specific requirements of the analytical methodology. The following items were reviewed:

* Data Completeness
* Case Narrative
* Custody Documentation/Sample Receipt
* Holding Times
* Surrogate, Isotopic Dilution, and Internal Standard Recoveries
* Field and Method Blanks
* Matrix Spike Recoveries/Duplicate Correlations
* Blind Field Duplicate Correlations
* Laboratory Control Sample (LCS)
* Instrumental Tunes
* Initial and Continuing Calibration Standards
* Method Compliance
* Sample Result Verification

Those items listed above which show deficiencies are discussed within the text of this narrative. All of the other items were determined to be acceptable for the DUSR level review, as discussed in NYS DER-10 Appendix B Section 2.0 (c). Documentation of the outlying parameters cited in this report can be found in the laboratory data packages.

In summary, results for the samples are usable either as reported or with minor qualification.

Data completeness, accuracy, precision, representativeness, reproducibility, sensitivity, and comparability are acceptable, with the following exceptions:

- The soil data show matrix effects on the recovery of volatile analytes
- No matrix accuracy and precision determinations were performed on the samples collected in 2022 through 2024

Validation data qualifier definitions and client sample identifications are attached to this text. Also included in this report are the client EDDs with recommended qualifiers/edits applied in red.

Reported data for only select samples collected in 2022 to 2024 were validated. Those samples not undergoing validation review were lined through on the attached sample summaries.

Chain-of-Custody/Sample Receipt/General

The custody form used for air sample RX-23 did not contain the fields for entries for canister numbers, flow controller numbers, pressures, etc.

ETSB-09(2-6in) was reported without the "in". The identifications of ETSB-03(14-16) and ETSB-11(14.5-16.5) were revised after sample laboratory receipt.

FB_011526 was received by the laboratory but not present entered on to the custody form. TB_011926 was entered on to the custody form, but not received.

The year of collection was not present on the custody form for samples reported in SDG 460-259845-1.

Interim laboratory transfer entries were not present on some of the custody forms.

Blind Field Duplicates

Blind field duplicate evaluations were performed on ETSB_07(6-8), ETSB-08(2-4), ETSB-01(2-4), ETSB-02(12-14), ETSV-03, ETMW-04, and ETMW-04_P. The correlations are within validation guidelines, with the following exceptions, results for which have been qualified as estimated in the indicated parent sample and its duplicate:

- Barium and lead in ETSB-01(2-4)
- Lead in ETSB-02(12-14)

TCL and CP-51 Volatile Analyses by EPA 8260D

Matrix spikes performed on ETSB-01(2-4), ETSB-02(2-4), and ETSB-07(2-4) reflects matrix effects on analyte recoveries that resulted in qualification of 14, 32, and 20 analytes, respectively, as estimated in value.

Matrix spikes performed on ETSB-01 show recoveries and correlations within validation guidelines.

Due to presence in the associated field blanks, the following results are considered as external contamination, and either edited to non-detection or qualified as estimated with a high bias: methylene chloride in all samples reported in SDG 460-344686-1. Detections of that analyte in the other aqueous samples are also suspect as contamination.

LCS recoveries are compliant, with the following exceptions, results for which are qualified as estimated in the indicated associated samples:

Affected Samples	Analyte	Outlying % Recoveries
ETSB-05 (2-6 in), ETSB-05 (2-4), ETSB-08 (2-6 in), ETSB-08 (2-4), ETSB-04 (2-6 in), and ETSB-04 (2-4)	1,2-dibromo-3-chloropropane	77,79
ETSB-01 (6-8), ETSB-01 (9-11), DUP_011426, ETSB-03 (2-4), ETSB-11 (2-6 in), ETSB-11 (2-4), and ETSB-11 (14-16)	sec-butylbenzene	72,75
ETSB-03 (10-12)	carbon disulfide	176,164
ETSB-03 (14-16), ETSB-03 (10-12), ETSB-03 (6-8), and ETSB-03 2-6 in)	sec butylbenzene	77,75
ETSB-02 (2-6 in), ETSB-02 (2-4), ETSB-02 (12-14), DUP_011626, and ETSB-09 (2-6)	sec-butylbenzene	75,73
ETSB-09 (6-8), ETSB-09 (10-12), ETSB-09 (12-14), and ETSB-09 (2-4)	sec-butylbenzene	68,71
All samples reported in SDG 460-344043-31	2-hexanone	65,60

Calibration standards show responses within validation guidelines, with the following exceptions, result for which are qualified as estimated in the indicated associated samples:

- Bromomethane (59%D) in RX-8G
- Vinyl chloride (23%D to 29%D) in TB_011626, FB_011626, ETSB-03 (2-6 in), ETSB -03 (6-8), ETSB-03 (10-12), and ETSB-03 (14-16)
- Dichlorodifluoromethane (48%D) in FB_011226
- Vinyl chloride and bromomethane (30%D to 57%D) in FB_011426, TB_011426, FB_011526, and TB_011526

- sec-Butylbenzene (21%D to 28%D) in ETSB-01 (2-6 in), ETSB-01 (2-4), ETSB-09 (2-4), ETSB-09 (6-8), ETSB-09 (10-12), ETSB-09 (12-14), ETSB-10 (2-6), ETSB-10 (2-4), and ETSB-10 (11-13)
- Vinyl chloride and sec-butylbenzene (26%D to 32%D) in ETSB-01 (6-8), ETSB-01 (9-11), DUP_011426, ETSB-03 (2-4), ETSB-11 (2-6 in), ETSB-11 (2-4), ETSB-11 (14-16), ETSB-02(2-6in), ETSB -02(2-4), ETSB-02(12-14), DUP_011626, and ETSB -09 (2-6)
- cis-1,3-Dichloropropene, 1,1,2-trichloroethane, and 1,1,2,2-tertachloroethane (21%D to 22%D) in ETSB-06 (2-6), ETSB-06 (2-4), ETSB-06 (6-8), ETSB-06 (8-10), and ETSB-06 (10-12)
- 1,2-Dichloroethane, cis-1,3-dichloropropene, and 1,1,2,2-tetrachloroethane (21%D to 22%D) in all samples reported in SDG 460-344043-41

Due to outlying an elevated surrogate recovery, the detected result for methylene chloride in the field blank reported in 460-344686-1 has been qualified as estimated, with a high bias.

TCL and CP-51 Semivolatile and 1,4-Dioxane Analyses by EPA8270E

Matrix spikes performed on ETSB-07(0-2in) reflect matrix effects on analyte recoveries that resulted in qualification of 39 analytes as estimated in value.

Matrix spikes were also performed on ETSB-07 (2-4), ETSB-02 (2-4), ETSB-01(2-4), and ETMW-01, and show recoveries and correlations within validation guidelines, with the following exceptions, results for which are qualified as estimated in the indicated parent samples:.

Parent Sample	Analyte	Outlying % Recoveries
ETSB-07 (2-4)	2,4-dimethylphenol	71,68
ETSB-02 (2-4)	benzo(g,h,i)perylene	61,57

Surrogate and internal standards within validation guidelines. Blanks show no contamination. Holding times were met.

LCS recoveries are compliant with the following exceptions, results for which are qualified as estimated in the indicated associated samples:

Affected Samples	Analyte	Outlying % Recoveries
ETSB-3(2-4)	2-methylnaphthalene	104,109
ETSB-09 (6-8), ETSB-09 (12-14), ETSB-02 (2-4), ETSB-09 (2-4), ETSB-09 (0-2), and ETSB-09 (10-12)	2,4-dinitrophenol	10,11
	4,6-dinitro-2-methylphenol	22,24
FB_012026	caprolactam	73,73

Calibration standards show responses within validation guidelines, with the following exceptions, results for which are qualified as estimated in the indicated associated samples:

- Benzaldehyde (52%D to 68%D) in ETSB-07 (0-2in), ETSB-11 (2-4), ETSB-11 (14-16), ETSB-06 (0-2), ETSB-06 (2-4), ETSB-06 (6-8), ETSB-06 (8-10), ETSB-06 (10-12), ETSB-05 (0-2in), ETSB-05 (2-4), ETSB-08 (0-2 in), ETSB-08 (2-4), ETSB-04 (0-2in), ETSB-04 (2-4), ETSB-02 (0-2 in), ETSB-02 (12-14), DUP_011626, FB_011526, FB_011426, ETSB-11 (0-2in), FB_011226, FB_011626, FB_011926, FB_012026, ETSB-03 (0-2in), ETSB-03 (2-4), ETSB-03 (6-8), ETSB-03 (10-12), ETSB-03 (14-16), ETSB-02(2-4), ETSB-09 (02-), ETSB-09 (2-4),

ETSB-09 (6-8), ETSB-09 (10-12), ETSB-09 (12-14), ETSB-10 (0-2), ETSB-10 (2-4), ETSB-10 (11-13), FB_012326, and in all samples reported in SDGs 460-344043-1 and 460-344686-1

- Benzaldehyde and hexachlorocyclopentadiene (54%D to 57%D) in ETSB-07 (2-4), ETSB-07 (9-11), ETSB-07 (11.5-13.5), DUP_011226, ETSB-07 (6-8), ETSB-1 (0-2 in), ETSB-01 (2-4), ETSB-01 (6-8), ETSB-01 (9-11), DUP_011426, and ETSB-08 (5-7)

Pesticides and Aroclor PCB Analyses by USEPA 8081B and 8082A

Some of the detected pesticide results also exhibit elevated dual column quantitative correlations, and are qualified to reflect the uncertainty in identification and/or quantitation. The values have been either qualified as estimated ("J"), qualified as tentative in identification and estimated in value ("NJ"), or edited to non-detection ("U"), depending on the degree of variance. This includes the detection of Aroclor 1254 in ETB-01(0-2in).

The detected result for Aroclor 1254 in ETB-01(0-2in) is also qualified as estimated in value due to elevated surrogate standard responses in that sample.

The matrix spike evaluations were performed for pesticides and Aroclor 1660 on ETSB-11-(14-16), ETSB-02(2-4), ETSB-01 (2-4), ETSB-07(2-4), ETSB-03(0-2in), ETSB-08(8-10), and ETMW-01. The recoveries and correlations within validation guidelines with the following exceptions, results for which have been qualified as estimated in the indicated parent samples:

-	Analyte	Outlying % Recoveries
ETSB-02(2-4)	endosulfan II	40,39
	endosulfan sulfate	25,25
	endrin aldehyde	19,17
	endrin ketone	58,55
	methoxychlor	50,47
ETSB-01 (2-4)	4,4'-DDD	62.70
	dieldrin	61,70
	endosulfan I	59,69
	endosulfan II	60,68
	endosulfan sulfate	56,64
	endrin aldehyde	57,65

The pesticide matrix spikes of ETSB-11(14-16) report no recovery for dieldrin, which would have mandated the rejection of that analyte result. However, review of the raw data chromatograms shows proper responses for that analyte that were not identified by the instrument software. The sample chromatograms were reviewed to confirm that there are no sample detections, and no qualification to the data is made.

The pesticide matrix spike duplicate (MSD) of ETMW-01 shows an anomaly of low recoveries not consistent with those of the matrix spike or LCS. As a result, the MSD recoveries are often below the laboratory acceptance range, and all of the duplicate correlations are elevated. Because these outliers are due to a MSD extract-specific circumstance, no qualification is made to the parent sample. This situation should have been noted in the laboratory case narrative.

Sample surrogate and internal standard recoveries are within validation guidelines. Calibration standards show compliant recoveries.

The result for b-BHC in FB_011226 is qualified as estimated due to outlying recoveries and duplicate correlation in the associated LCS.

PFAS by EPA Method 1633

Matrix spikes for PFAS on ETSB-07(2-4) and ETMW-01_P show recoveries and correlations within validation guidelines.

Isotopic dilution, LCS, and internal standard recoveries are within validation guidelines. Calibration standard responses are compliant. Blanks show no contamination. Ion ratio requirements were met.

TAL Metals, Hexavalent Chromium, and Total Cyanide Analyses by EPA 6020B, 7470B, 7471A, 7196, and 9012

Due to presence in the associated field blanks, the following results are considered as external contamination, and either edited to non-detection or qualified as estimated with a high bias:

- Total cyanide in all samples collected 01/15/26 and reported in SDG 460-343261-1 except ETSB-08(5-7)
- Sodium in samples collected 01/14/26 and reported in SDG 460-343520-1

Matrix spikes and/or duplicate evaluations were performed as follows:

- Metals on ETSB-07 (2-4), ETSB-01 (2-4), ETSB-03 (0-2in) (mercury only), ETSB-03 (6-8), ETSB-02(2-4), ETSB-06 (8-10), and the total and dissolved fractions of ETMW-03
- Total cyanide on ETSB-07 (2-4), ETSB-01 (2-4), ETSB-02(2-4), ETSB-06(10-12), ETSB-08(8-10), and ETMW-03
- Hexavalent chromium on ETSB-07 (2-4), ETSB-01 (2-4), ETSB-02(2-4), ETSB-07(11.5-13.5), ETSB-03(14-16), and ETMW-03

Recoveries and correlations are within validation guidelines, with the following exceptions, results for which have been qualified as estimated in the indicated parent samples:

Parent Sample	Element	Outlying % Recoveries	Outlying % RPD's
ETSB-07 (2-4)	antimony	31,33	
	zinc	228,96	28
ETSB-01 (2-4)	antimony	29,29	
ETSB-03 (0-2in)	mercury	67	
ETSB-03 (6-8)	antimony	34	
ETSB-02(2-4)	antimony	52,57	
	lead	172,84	37
ETSB-06 (8-10)	antimony	58	
ETMW-03	cyanide	78,82	

The ICP serial dilution determinations of ETSB-07 (2-4), ETSB-01 (2-4), ETSB-03 (0-2in) (mercury only), ETSB-03 (6-8), ETSB-02(2-4), ETSB-06 (8-10), and the total and dissolved fractions of ETMW-03 show correlations within validation guidelines.

Calibration standard responses and LCS recoveries are compliant.

Total and dissolved fraction concentrations correlate well, with the exception of the following, the results for which have been qualified in both fractions of the noted samples:

- Barium and sodium in ETMW-05
- Manganese in DUP_021126

Hexavalent chromium concentrations were higher than those of total chromium in ETMW-01, ETMW-04, and DUP_021126, likely due to interference in the former. Results of both analytes in those samples have been qualified as estimated.

Volatile Air Analyses by USEPA Method TO-15

Holding times were met. Internal standard recoveries are compliant. Blanks show no contamination.

Calibration standards (ICVs and CCVs) show responses within validation action levels.

Canister pressures at sample laboratory receipt are acceptable.

Please do not hesitate to contact me if questions or comments arise during your review of this report.

Very truly yours,

Judy Harry

Judy Harry

Attachments: Validation Data Qualifier Definitions
Sample Identifications
Qualified Laboratory EQuIS EDDs

VALIDATION DATA QUALIFIER DEFINITIONS

U	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
J-	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
J+	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.
UJ	The analyte was analyzed for, but was not detected. The associated reported quantitation limit is approximate and may be inaccurate or imprecise.
NJ	The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control limits. The analyte may or may not be present.
EMPC	The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample.

Sample Identification Summary

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Concourse Village E, Bronx, NY

Job ID: 200-63614-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
200-63614-1	RX-2V	Air	06/01/22 10:42	06/02/22 10:30	Air Canister (6-Liter) #5703
200-63614-2	RX-3V	Air	06/01/22 10:38	06/02/22 10:30	Air Canister (6-Liter) #4815
200-63614-3	RX-5V	Air	06/01/22 11:07	06/02/22 10:30	Air Canister (6-Liter) #34000821

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Concourse Village E, Bronx, NY

Job ID: 200-75030-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
200-75030-1	RX-23	Air	09/06/24 11:40	09/07/24 09:25	Air Canister (6-Liter) #6310

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: 280E 161st Street

Job ID: 460-259095-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-259095-1	RX-6_0-2	Solid	05/31/22 07:50	05/31/22 18:30
460-259095-2	RX-6_12-14	Solid	05/31/22 08:00	05/31/22 18:30
460-259095-3	RX-5_0-2	Solid	05/31/22 08:45	05/31/22 18:30
460-259095-4	RX-5_10-12	Solid	05/31/22 09:00	05/31/22 18:30
460-259095-5	RX-4_0-2	Solid	05/31/22 09:20	05/31/22 18:30
460-259095-6	RX-4_11-13	Solid	05/31/22 09:40	05/31/22 18:30
460-259095-7	RX-3_0-2	Solid	05/31/22 10:15	05/31/22 18:30
460-259095-8	RX-3_12-14	Solid	05/31/22 10:35	05/31/22 18:30
460-259095-9	RX-2_0-2	Solid	05/31/22 11:35	05/31/22 18:30
460-259095-10	RX-2_10-12	Solid	05/31/22 11:50	05/31/22 18:30
460-259095-11	RX-1_0-2	Solid	05/31/22 12:10	05/31/22 18:30
460-259095-12	RX-1_12-14	Solid	05/31/22 12:35	05/31/22 18:30
460-259095-13	DUP_05312022	Solid	05/31/22 12:00	05/31/22 18:30

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: 280 161st St

Job ID: 460-259845-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-259845-1	RX-7G	Water	06/07/22 12:30	06/08/22 18:30
460-259845-2	RX-8G	Water	06/07/22 15:15	06/08/22 18:30
460-259845-3	DUP_GW_06072022	Water	06/07/22 12:00	06/08/22 18:30
460-259845-4	FB-06072022	Water	06/07/22 15:00	06/08/22 18:30
460-259845-5	TB-06072022	Water	06/07/22 00:00	06/08/22 18:30

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Concourse Village - 280 E 161st St Bronx

Job ID: 460-295197-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-295197-1	RX-14(1-3)	Solid	12/18/23 14:00	12/19/23 19:00
460-295197-2	RX-12(0-2)	Solid	12/19/23 09:20	12/19/23 19:00
460-295197-3	RX-12(3-5)	Solid	12/19/23 09:25	12/19/23 19:00
460-295197-4	RX-16(0-2)	Solid	12/19/23 09:45	12/19/23 19:00
460-295197-5	RX-16(2-4)	Solid	12/19/23 10:00	12/19/23 19:00
460-295197-6	RX-10(0-2)	Solid	12/19/23 10:20	12/19/23 19:00
460-295197-7	RX-13(0-2)	Solid	12/19/23 11:25	12/19/23 19:00
460-295197-8	RX-13(3-5)	Solid	12/19/23 11:30	12/19/23 19:00
460-295197-9	RX-17(0-2)	Solid	12/19/23 10:30	12/19/23 19:00
460-295197-10	RX-17(4-6)	Solid	12/19/23 13:10	12/19/23 19:00
460-295197-11	RX-15(0-2)	Solid	12/19/23 12:45	12/19/23 19:00
460-295197-12	RX-15(2-4)	Solid	12/19/23 12:50	12/19/23 19:00

Edison
10:32 AM

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-298189-1
Project/Site: Concourse Village - 280 E 161st St Bronx

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-298189-1	RX-18 (3-4)	Solid	02/15/24 15:30	02/15/24 19:00
460-298189-2	RX-19 (3-5)	Solid	02/15/24 14:00	02/15/24 19:00
460-298189-3	RX-20 (6-8)	Solid	02/15/24 14:47	02/15/24 19:00
460-298189-4	RX-21 (10-12)	Solid	02/15/24 15:38	02/15/24 19:00

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-310801-1
Project/Site: Concourse Village - 310 E 161 St Bronx

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-310801-1	RX-22 (5-6)	Solid	09/05/24 13:15	09/05/24 18:45

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-310892-1
Project/Site: Concourse Village - 310 E 161 St Bronx

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-310892-1	RX-23 (10-12)	Solid	09/06/24 08:45	09/07/24 09:57
460-310892-2	RX-23 (5-7)	Solid	09/06/24 09:05	09/07/24 09:57
460-310892-3	RX-24 (14-15)	Solid	09/06/24 12:40	09/07/24 09:57
460-310892-4	RX-24 (7-8)	Solid	09/06/24 12:50	09/07/24 09:57
460-310892-5	RX-25 (3-5)	Solid	09/06/24 13:45	09/07/24 09:57

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: E 161st Street, Bronx, NY

Job ID: 460-342995-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-342995-1	ETSB-07 (0-2in)	Solid	01/12/26 13:05	01/12/26 18:55	New York
460-342995-2	ETSB-07 (2-6in)	Solid	01/12/26 13:00	01/12/26 18:55	New York
460-342995-3	ETSB-07 (2-4)	Solid	01/12/26 13:15	01/12/26 18:55	New York
460-342995-4	ETSB-07 (9-11)	Solid	01/12/26 14:00	01/12/26 18:55	New York
460-342995-5	ETSB-07 (11.5-13.5)	Solid	01/12/26 14:10	01/12/26 18:55	New York
460-342995-6	FB_011226	Water	01/12/26 14:30	01/12/26 18:55	New York
460-342995-7	DUP_011226	Solid	01/12/26 12:00	01/12/26 18:55	New York
460-342995-8	TRIP BLANK	Water	01/12/26 00:00	01/12/26 18:55	New York
460-342995-9	ETSB_07 (6-8)	Solid	01/12/26 13:45	01/12/26 18:55	New York
460-343095-1	ETSB-05 (0-2 in)	Solid	01/13/26 10:15	01/13/26 19:10	New York
460-343095-2	ETSB-05 (2-6 in)	Solid	01/13/26 10:20	01/13/26 19:10	New York
460-343095-3	ETSB-05 (2-4)	Solid	01/13/26 10:25	01/13/26 19:10	New York
460-343095-4	ETSB-08 (0-2 in)	Solid	01/13/26 09:00	01/13/26 19:10	New York
460-343095-5	ETSB-08 (2-6 in)	Solid	01/13/26 09:05	01/13/26 19:10	New York
460-343095-6	ETSB-08 (2-4)	Solid	01/13/26 09:10	01/13/26 19:10	New York
460-343095-7	ETSB-04 (0-2 in)	Solid	01/13/26 13:30	01/13/26 19:10	New York
460-343095-8	ETSB-04 (2-6 in)	Solid	01/13/26 13:35	01/13/26 19:10	New York
460-343095-9	ETSB-04 (2-4)	Solid	01/13/26 13:40	01/13/26 19:10	New York
460-343095-10	TB_011326	Water	01/13/26 13:40	01/13/26 19:10	New York
460-343195-1	ETSB-01 (0-2 in)	Solid	01/14/26 09:00	01/14/26 19:15	New York
460-343195-2	ETSB-01 (2-6 in)	Solid	01/14/26 09:05	01/14/26 19:15	New York
460-343195-3	ETSB-01 (2-4)	Solid	01/14/26 09:10	01/14/26 19:15	New York
460-343195-4	ETSB-01 (6-8)	Solid	01/14/26 09:20	01/14/26 19:15	New York
460-343195-5	ETSB-01 (9-11)	Solid	01/14/26 09:25	01/14/26 19:15	New York
460-343195-6	DUP_011426	Solid	01/14/26 12:00	01/14/26 19:15	New York
460-343195-7	ETSB-08 (5-7)	Solid	01/14/26 13:25	01/14/26 19:15	New York
460-343195-8	ETSB-08 (8-10)	Solid	01/14/26 13:30	01/14/26 19:15	New York
460-343195-10	FB_011426	Water	01/14/26 08:00	01/14/26 19:15	New York
460-343195-11	TB_011426	Water	01/14/26 00:00	01/14/26 19:15	New York
460-343261-1	ETSB-03 (0-2in)	Solid	01/15/26 10:00	01/15/26 20:10	New York
460-343261-2	ETSB-03 (2-6in)	Solid	01/15/26 10:05	01/15/26 20:10	New York
460-343261-3	ETSB-03 (2-4)	Solid	01/15/26 10:10	01/15/26 20:10	New York
460-343261-4	ETSB-03 (6-8)	Solid	01/15/26 10:20	01/15/26 20:10	New York
460-343261-5	ETSB-03 (10-12)	Solid	01/15/26 10:25	01/15/26 20:10	New York
460-343261-6	ETSB-03 (14-16)	Solid	01/15/26 10:30	01/15/26 20:10	New York
460-343261-7	ETSB-11 (0-2in)	Solid	01/15/26 13:20	01/15/26 20:10	New York
460-343261-8	ETSB-11 (2-6in)	Solid	01/15/26 13:25	01/15/26 20:10	New York
460-343261-9	ETSB-11 (2-4)	Solid	01/15/26 13:30	01/15/26 20:10	New York
460-343261-10	ETSB-11 (6-8)	Solid	01/15/26 13:45	01/15/26 20:10	New York
460-343261-12	ETSB-11 (14-16)	Solid	01/15/26 13:55	01/15/26 20:10	New York
460-343261-13	FB_011526	Water	01/15/26 11:00	01/15/26 20:10	New York
460-343261-14	TB_011526	Water	01/15/26 12:00	01/15/26 20:10	New York
460-343374-1	ETSB-02(0-2in)	Solid	01/16/26 09:00	01/16/26 19:30	New York
460-343374-2	ETSB-02(2-6in)	Solid	01/16/26 09:05	01/16/26 19:30	New York
460-343374-3	ETSB-02(2-4)	Solid	01/16/26 09:10	01/16/26 19:30	New York
460-343374-6	ETSB-02(12-14)	Solid	01/16/26 09:30	01/16/26 19:30	New York
460-343374-7	DUP_011626	Solid	01/16/26 10:00	01/16/26 19:30	New York
460-343374-8	TB_011626	Water	01/16/26 15:00	01/16/26 19:30	New York
460-343374-9	FB_011626	Water	01/16/26 15:00	01/16/26 19:30	New York
460-343520-1	ETSB-09 (0-2)	Solid	01/19/26 12:00	01/19/26 18:30	New York
460-343520-2	ETSB-09 (2-6)	Solid	01/19/26 12:05	01/19/26 18:30	New York
460-343520-3	ETSB-09 (2-4)	Solid	01/19/26 12:10	01/19/26 18:30	New York
460-343520-4	ETSB-09 (6-8)	Solid	01/19/26 12:20	01/19/26 18:30	New York

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: E 161st Street, Bronx, NY

Job ID: 460-342995-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-343520-5	ETSB-09 (10-12)	Solid	01/19/26 12:25	01/19/26 18:30	New York
460-343520-6	ETSB-09 (12-14)	Solid	01/19/26 12:30	01/19/26 18:30	New York
460-343520-7	FB_011926	Water	01/19/26 09:30	01/19/26 18:30	New York
460-343584-1	ETSB-06 (0-2)	Solid	01/20/26 13:25	01/20/26 18:30	New York
460-343584-2	ETSB-06 (2-6)	Solid	01/20/26 13:30	01/20/26 18:30	New York
460-343584-3	ETSB-06 (2-4)	Solid	01/20/26 13:35	01/20/26 18:30	New York
460-343584-4	ETSB-06 (6-8)	Solid	01/20/26 14:20	01/20/26 18:30	New York
460-343584-5	ETSB-06 (8-10)	Solid	01/20/26 13:45	01/20/26 18:30	New York
460-343584-6	ETSB-06 (10-12)	Solid	01/20/26 13:50	01/20/26 18:30	New York
460-343584-7	FB_012026	Water	01/20/26 13:00	01/20/26 18:30	New York
460-343584-8	TB_012026	Water	01/20/26 14:00	01/20/26 18:30	New York

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: E 161st Street, Bronx, NY

Job ID: 460-343015-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-343015-1	ETSB-07 (2-4)_P	Solid	01/12/26 13:20	01/12/26 18:55	New York
460-343015-2	FB_011226_P	Water	01/12/26 14:45	01/12/26 18:55	New York
460-343089-1	ETSB-05 (2-4)_P	Solid	01/13/26 10:30	01/13/26 19:10	New York
460-343089-2	DUP_011326	Solid	01/13/26 09:30	01/13/26 19:10	New York
460-343089-3	ETSB-08 (2-4)_P	Solid	01/13/26 09:20	01/13/26 19:10	New York
460-343089-4	ETSB-04 (2-4)_P	Solid	01/13/26 13:45	01/13/26 19:10	New York
460-343089-5	FB_011326	Water	01/13/26 08:00	01/13/26 19:10	New York
460-343187-1	ETSB-01 (2-4)_P	Solid	01/14/26 09:15	01/14/26 19:15	New York
460-343187-2	FB_011426_P	Water	01/14/26 07:30	01/14/26 19:15	New York
460-343317-1	ETSB-03 (2-4)_P	Solid	01/15/26 10:15	01/15/26 20:10	New York
460-343317-2	ETSB-11 (2-4)_P	Solid	01/15/26 13:40	01/15/26 20:10	New York
460-343317-3	FB_011526_P	Water	01/15/26 11:05	01/15/26 20:10	New York
460-343452-1	ETSB-02(2-4)_P	Solid	01/16/26 09:15	01/16/26 19:30	New York
460-343452-2	FB_011626_P	Water	01/16/26 12:00	01/16/26 19:30	New York
460-343512-1	ETSB-09 (2-4)_P	Solid	01/19/26 12:15	01/19/26 18:30	New York
460-343512-2	FB_011926G_P	Water	01/19/26 09:35	01/19/26 18:30	New York
460-343585-1	ETSB-06 (2-4)_P	Solid	01/20/26 13:40	01/20/26 18:30	New York
460-343585-2	FB_012026_P	Water	01/20/26 14:15	01/20/26 18:30	New York
460-343855-1	ETSB-10(2-4)_P	Solid	01/23/26 09:15	01/23/26 19:00	New York
460-343855-2	FB_012226_P	Water	01/23/26 12:00	01/23/26 19:00	New York

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: E 161st Street, Bronx, NY

Job ID: 460-343810-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-343810-1	ETSB-10 (0-2)	Solid	01/23/26 09:00	01/23/26 19:00	New York
460-343810-2	ETSB-10 (2-6)	Solid	01/23/26 09:05	01/23/26 19:00	New York
460-343810-3	ETSB-10 (2-4)	Solid	01/23/26 09:10	01/23/26 19:00	New York
460-343810-6	ETSB-10 (11-13)	Solid	01/23/26 09:30	01/23/26 19:00	New York
460-343810-7	FB_012326	Water	01/23/26 09:35	01/23/26 19:00	New York
460-343810-8	TB_012326	Water	01/23/26 00:00	01/23/26 19:00	New York

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: 280 E 161st Street, Bronx, NY

Job ID: 460-344043-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-344043-1	ETMW-03	Water	01/29/26 12:30	01/29/26 19:45	New York
460-344043-2	FB_012926	Water	01/29/26 16:00	01/29/26 19:45	New York
460-344043-3	TRIP BLANK	Water	01/29/26 00:00	01/29/26 19:45	New York

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: E 161st Street, Bronx, NY

Job ID: 460-344046-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-344046-1	ETMW-03_P	Water	01/29/26 12:35	01/29/26 19:45	New York
460-344046-2	FB_012926_P	Water	01/29/26 16:00	01/29/26 19:45	New York

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: E 161st Street, Bronx

Job ID: 460-344263-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-344263-1	AMB_012926_SV	Air	01/29/26 15:32	02/03/26 08:45	Air Canister (6-Liter) #6259
460-344263-2	ETSV-03	Air	01/29/26 15:39	02/03/26 08:45	Air Canister (6-Liter) #2701
460-344263-3	DUP_012926_SV	Air	01/29/26 15:00	02/03/26 08:45	Air Canister (6-Liter) #5400
460-344263-4	ETSV-05	Air	01/29/26 15:29	02/03/26 08:45	Air Canister (6-Liter) #2789
460-344263-5	ETSV-06	Air	01/29/26 15:51	02/03/26 08:45	Air Canister (6-Liter) #1889
460-344263-6	ETSV-01	Air	01/29/26 15:35	02/03/26 08:45	Air Canister (6-Liter) #1642
460-344263-7	ETSV-04	Air	01/29/26 16:37	02/03/26 08:45	Air Canister (6-Liter) #1234

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: E 161st Street, Bronx, NY

Job ID: 460-344686-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-344686-1	ETMW-01	Water	02/11/26 09:05	02/11/26 19:10	New York
460-344686-2	ETMW-02	Water	02/11/26 12:20	02/11/26 19:10	New York
460-344686-3	ETMW-03	Water	02/11/26 13:15	02/11/26 19:10	New York
460-344686-4	ETMW-04	Water	02/11/26 12:10	02/11/26 19:10	New York
460-344686-5	ETMW-05	Water	02/11/26 10:05	02/11/26 19:10	New York
460-344686-6	DUP_021126	Water	02/11/26 12:00	02/11/26 19:10	New York
460-344686-7	FB_021126	Water	02/11/26 14:00	02/11/26 19:10	New York
460-344686-8	TRIP BLANK	Water	02/11/26 14:00	02/11/26 19:10	New York

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: E 161st Street, Bronx, NY

Job ID: 460-344715-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-344715-1	ETMW-01_P	Water	02/11/26 09:10	02/11/26 19:10	New York
460-344715-2	ETMW-02_P	Water	02/11/26 12:25	02/11/26 19:10	New York
460-344715-3	ETMW-04_P	Water	02/11/26 12:15	02/11/26 19:10	New York
460-344715-4	ETMW-05_P	Water	02/11/26 10:05	02/11/26 19:10	New York
460-344715-5	DUP_021126_P	Water	02/11/26 12:05	02/11/26 19:10	New York
460-344715-6	FB_021126_P	Water	02/11/26 14:05	02/11/26 19:10	New York

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: 280 E 161st Street, Bronx

Job ID: 460-345081-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-345081-1	ETSV-02	Air	02/13/26 14:42	02/17/26 10:00	Air Canister (6-Liter) #1768

APPENDIX K

Green and Sustainable Remediation –
Environmental Footprint Analysis

Sustainable Remediation Summary - Site Preparation

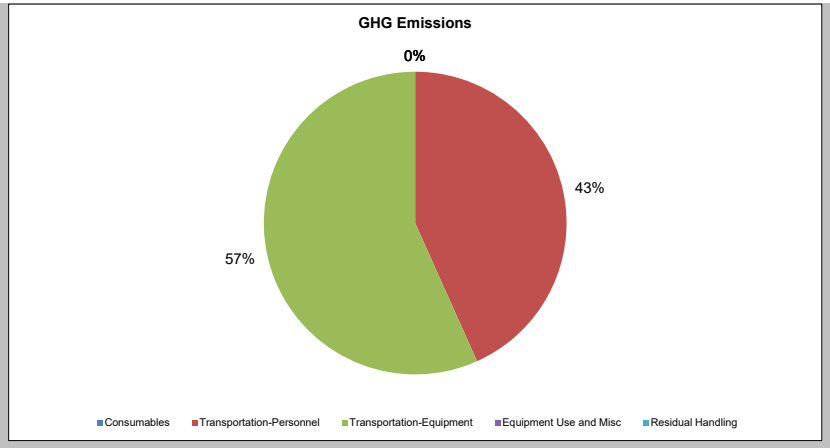
Activities	GHG Emissions	Percent Total	Total Energy Used	Percent Total	Water Consumption	Percent Total	Electricity Usage	Percent Total	Onsite NOx Emissions	Percent Total	Onsite SOx Emissions	Percent Total	Onsite PM10 Emissions	Percent Total	Total NOx Emissions	Percent Total	Total SOx Emissions	Percent 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

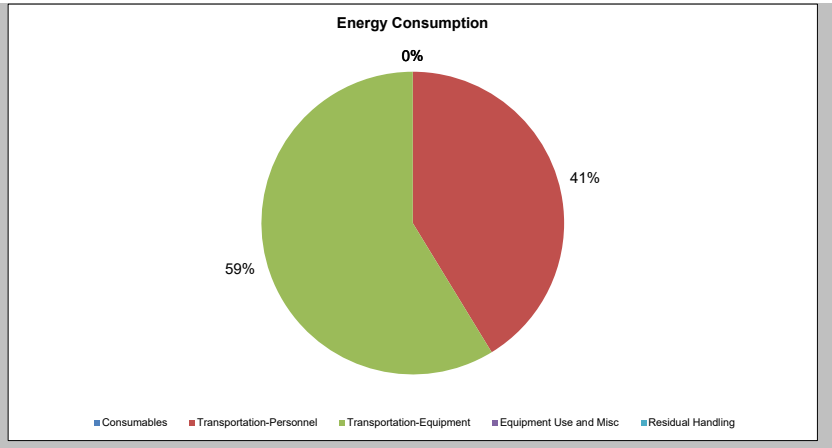
Additional Sustainability Metrics

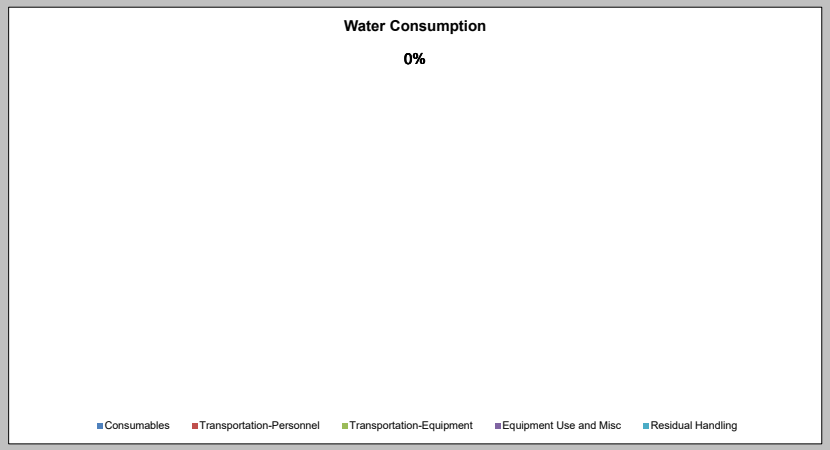
Non-Hazardous Waste Landfill Space (tons)	0.0
Hazardous Waste Landfill Space (tons)	0.0
Topsoil Consumption (yd^3)	0.0
Cost of Phase ($)	0.0
Lost Hours - Injury	0.0

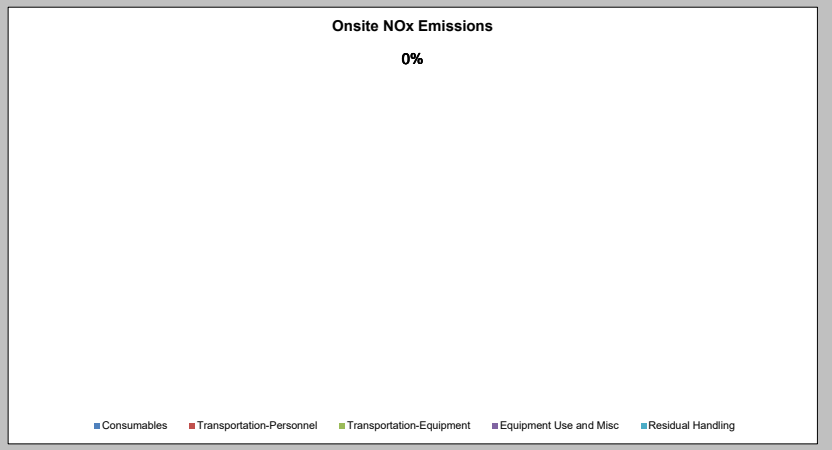
Footprint Reduction

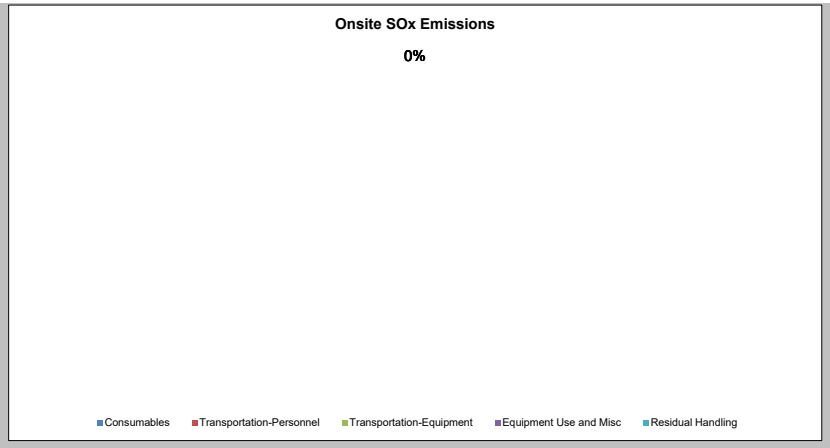
Total electricity replacement (MWh)	0.00E+00
Total electricity replacement (mmBtu)	0.00E+00
Percent electricity from renewable sources (%)	0.0%
Landfill gas reduction (metric ton CO_2 e)	0.00E+00
GHG emissions (metric ton CO2 e)	0.00E+00
NOx emissions (metric ton)	0.00E+00
SOx emissions (metric ton)	0.00E+00
PM10 emissions (metric ton)	0.00E+00

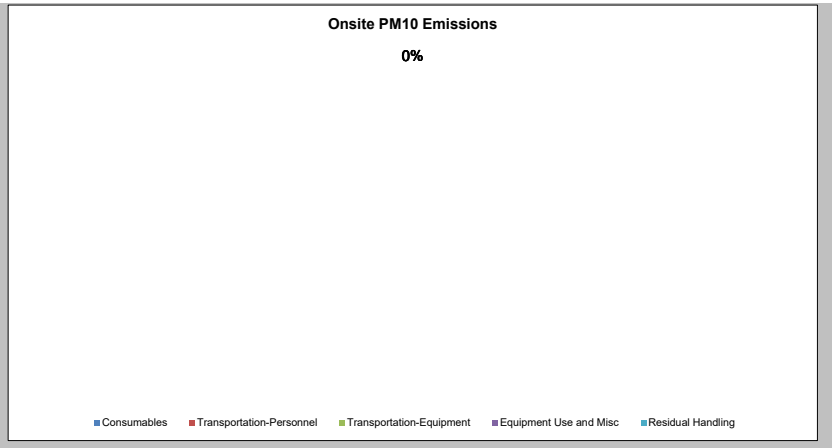

GHG Emissions
0%
43%
57%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

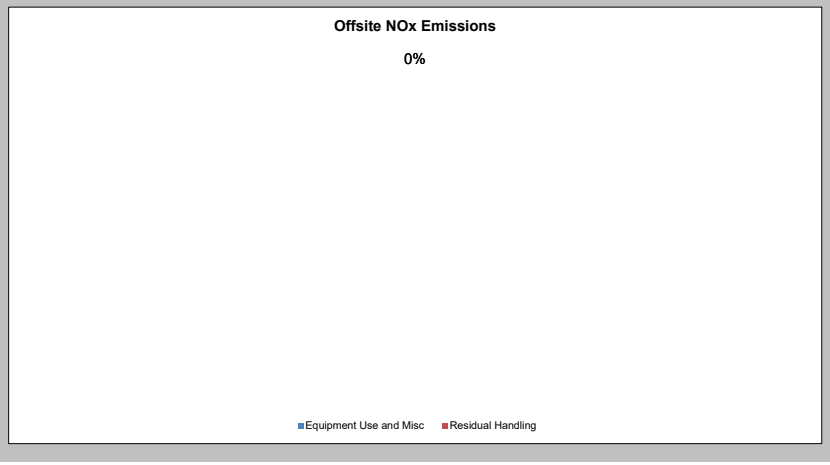

Energy Consumption
0%
41%
59%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

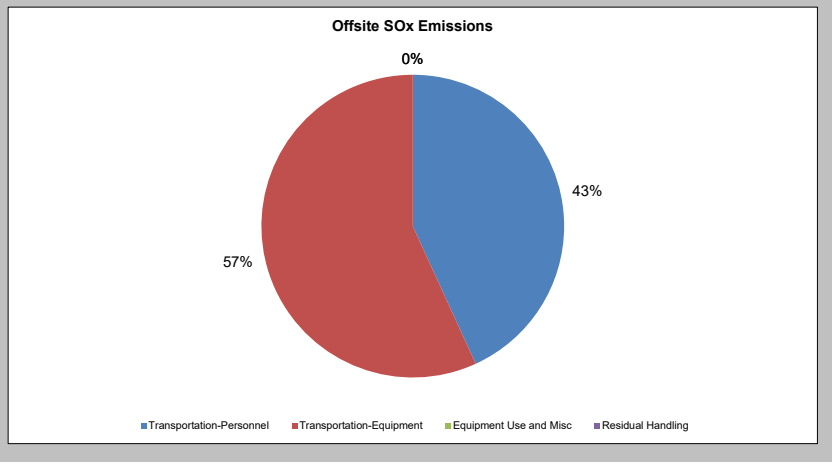

Water Consumption
0%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

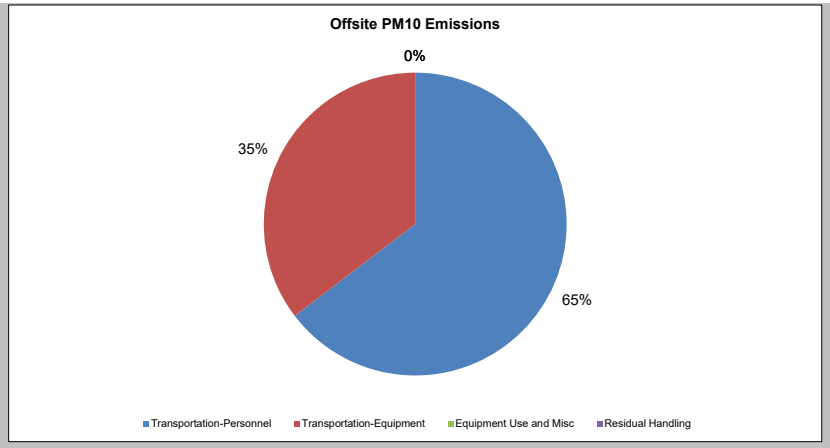

Onsite NOx Emissions
0%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

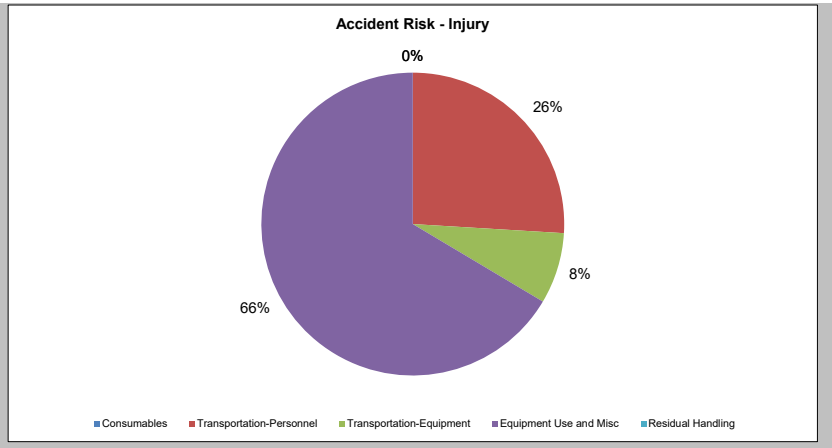

Onsite SOx Emissions
0%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

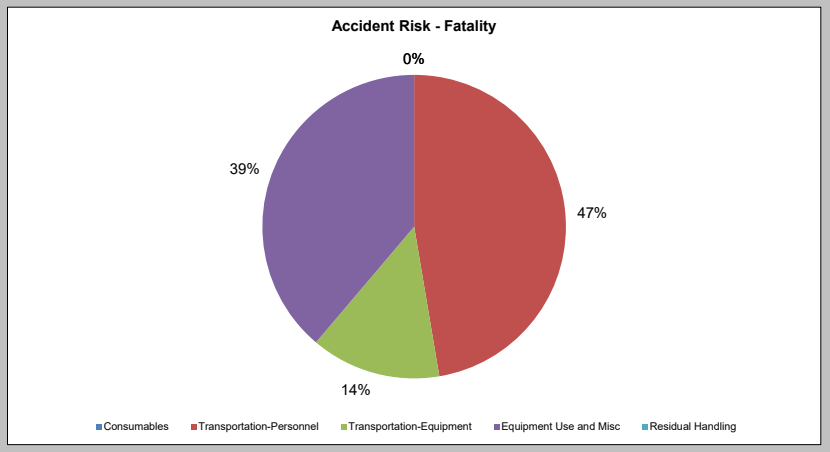

Onsite PM10 Emissions
0%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling


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

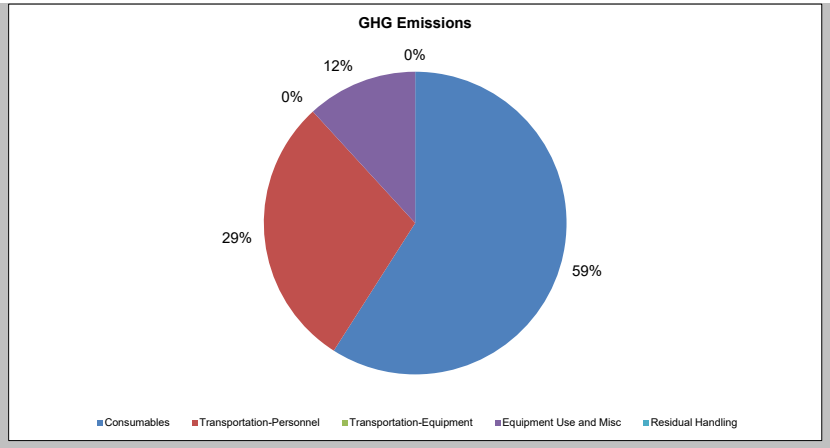
Activities	GHG Emissions	Percent Total	Total Energy Used	Percent Total	Water Consumption	Percent Total	Electricity Usage	Percent Total	Onsite NOx Emissions	Percent Total	Onsite SOx Emissions	Percent Total	Onsite PM10 Emissions	Percent Total	Total NOx Emissions	Percent Total	Total SOx Emissions	Percent 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

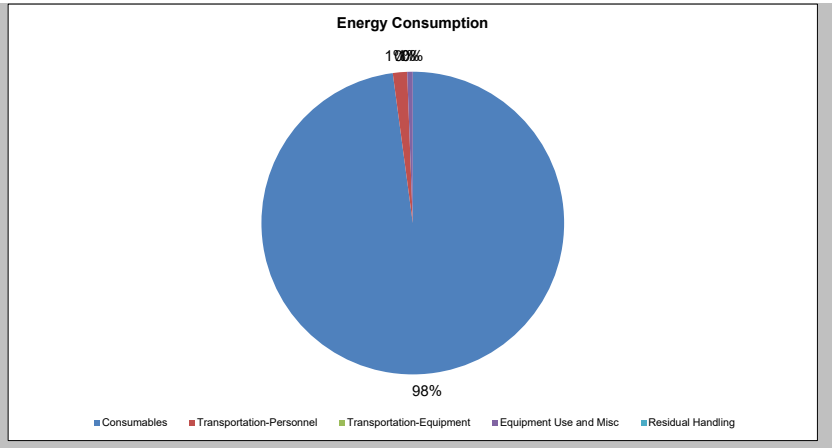
Additional Sustainability Metrics

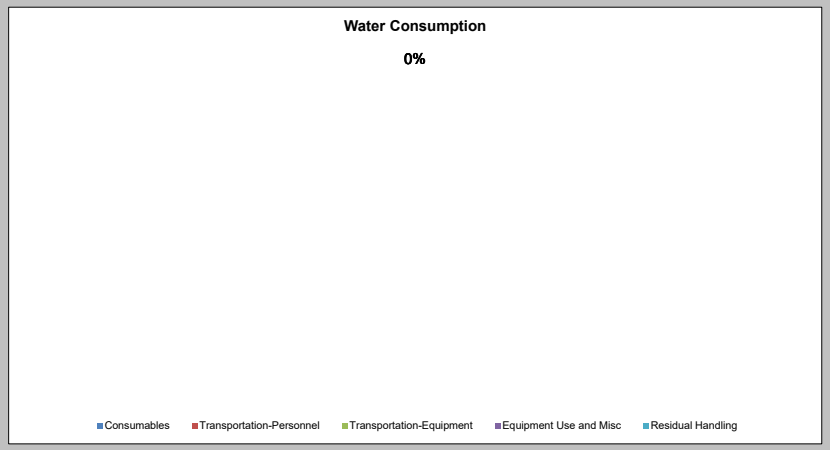
Non-Hazardous Waste Landfill Space (tons)	0.0
Hazardous Waste Landfill Space (tons)	0.0
Topsoil Consumption (yd^3)	0.0
Cost of Phase ($)	0.0
Lost Hours - Injury	0.0

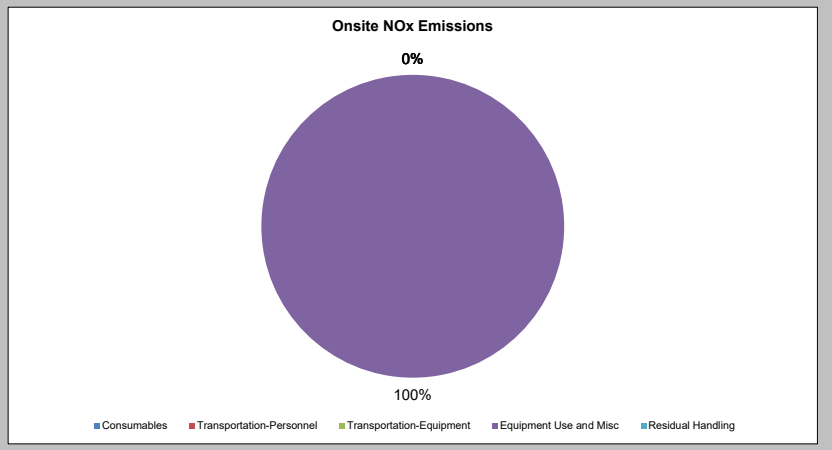
Footprint Reduction

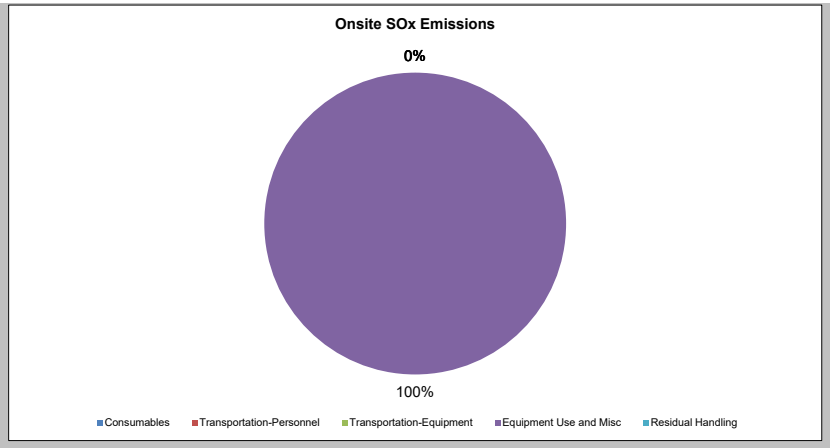
Total electricity replacement (MWh)	0.00E+00
Total electricity replacement (mmBtu)	0.00E+00
Percent electricity from renewable sources (%)	0.0%
Landfill gas reduction (metric ton CO_2 e)	0.00E+00
GHG emissions (metric ton CO2 e)	0.00E+00
NOx emissions (metric ton)	0.00E+00
SOx emissions (metric ton)	0.00E+00
PM10 emissions (metric ton)	0.00E+00

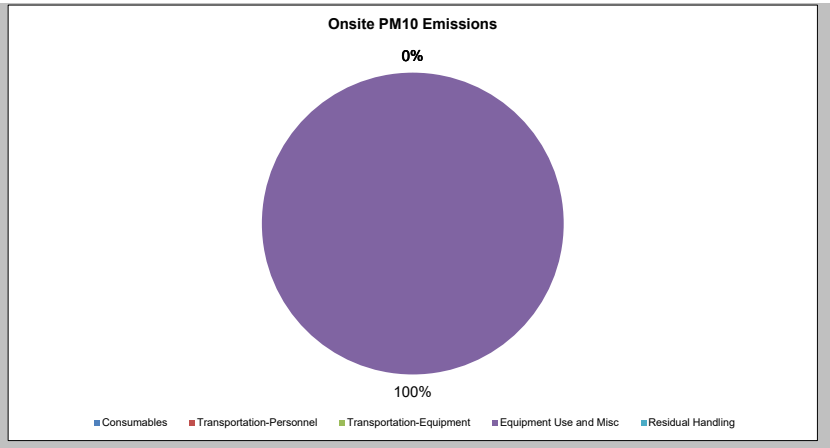

GHG Emissions
0%
12%
0%
29%
59%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

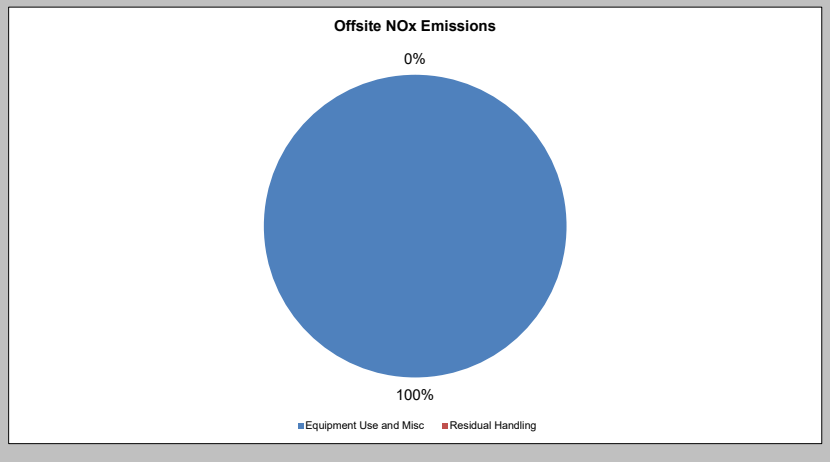

Energy Consumption
98%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

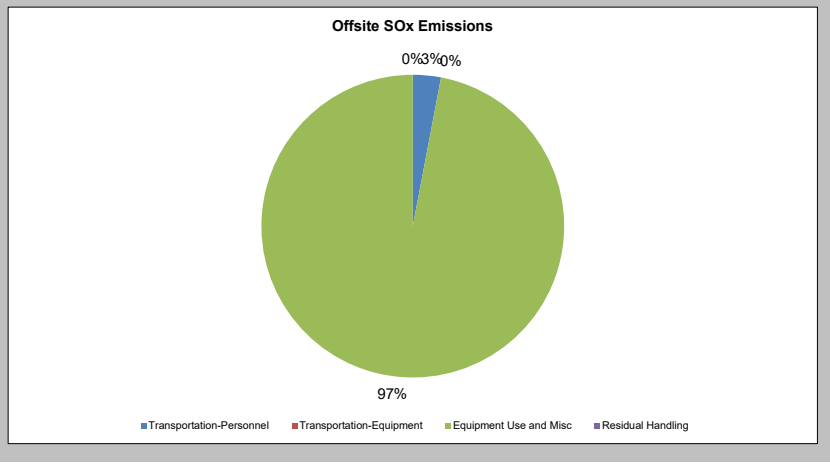

Water Consumption
0%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

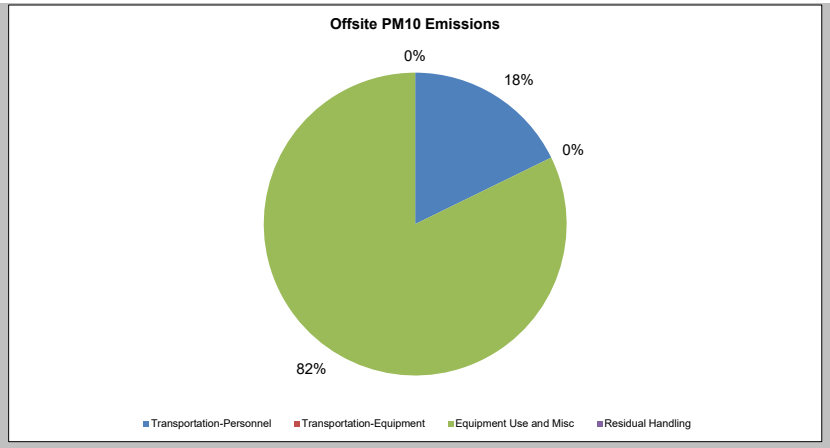

Onsite NOx Emissions
0%
100%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

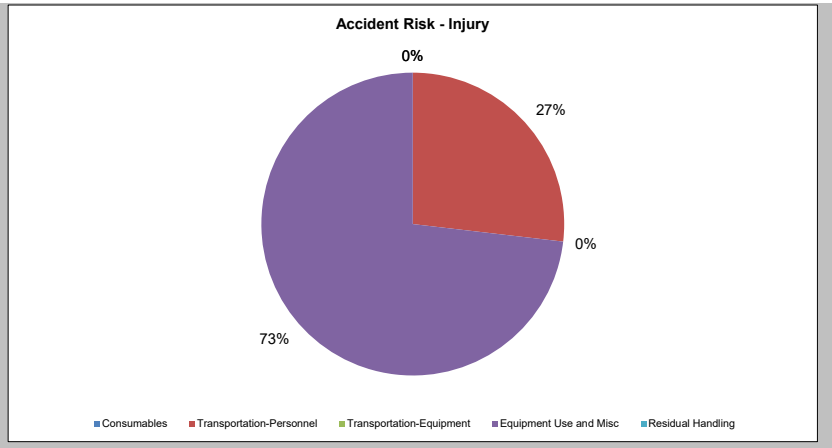

Onsite SOx Emissions
0%
100%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

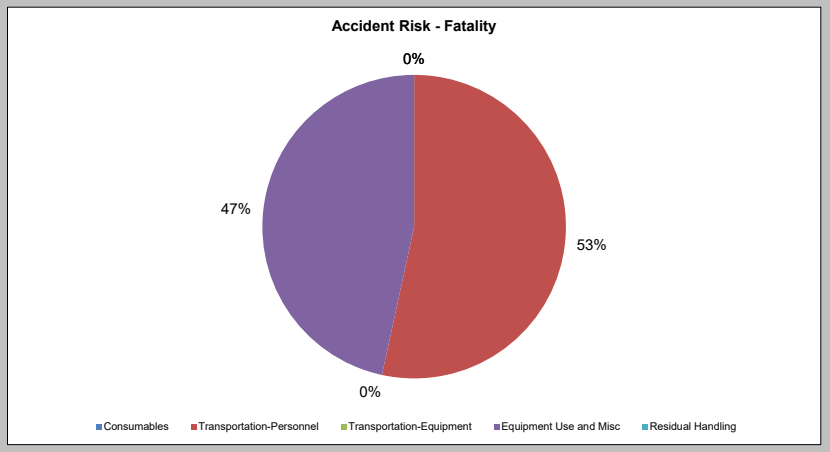

Onsite PM10 Emissions
0%
100%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling


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

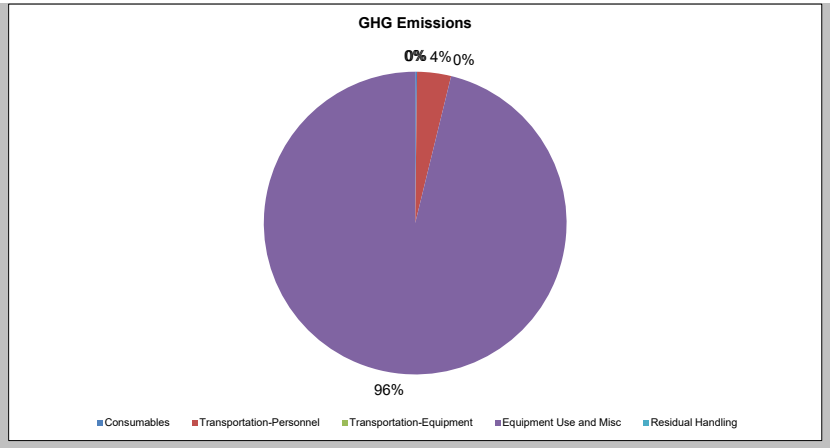
Activities	GHG Emissions	Percent Total	Total Energy Used	Percent Total	Water Consumption	Percent Total	Electricity Usage	Percent Total	Onsite NOx Emissions	Percent Total	Onsite SOx Emissions	Percent Total	Onsite PM10 Emissions	Percent Total	Total NOx Emissions	Percent Total	Total SOx Emissions	Percent 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

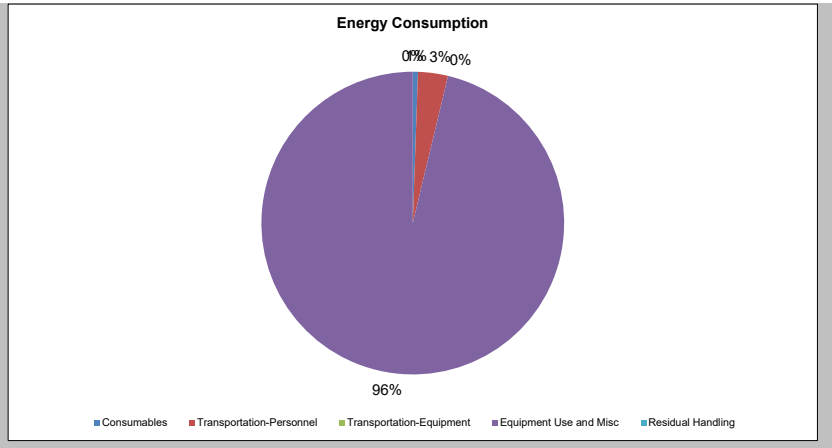
Additional Sustainability Metrics

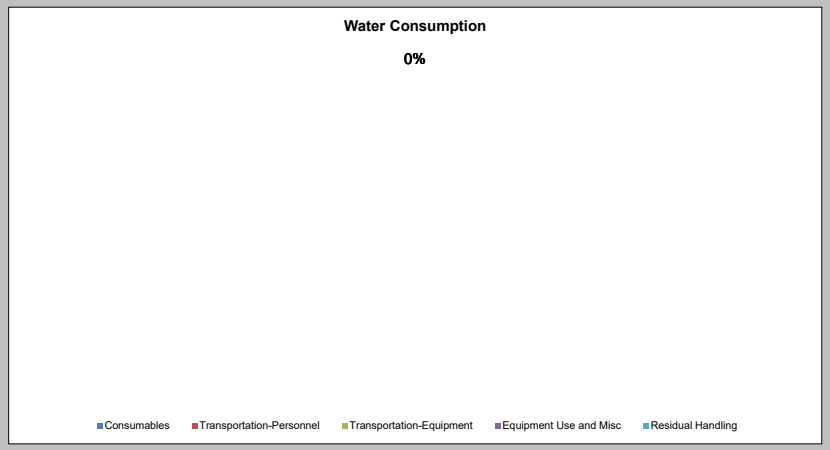
Non-Hazardous Waste Landfill Space (tons)	0.0
Hazardous Waste Landfill Space (tons)	0.0
Topsoil Consumption (yd^3)	0.0
Cost of Phase ($)	0.0
Lost Hours - Injury	0.0

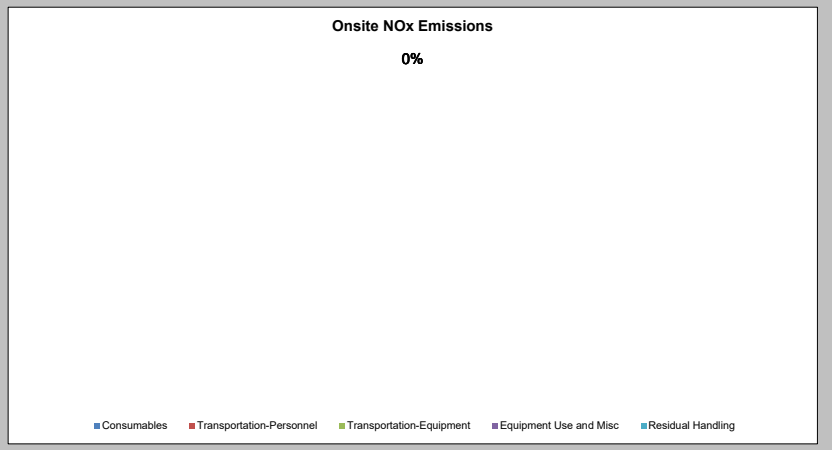
Footprint Reduction

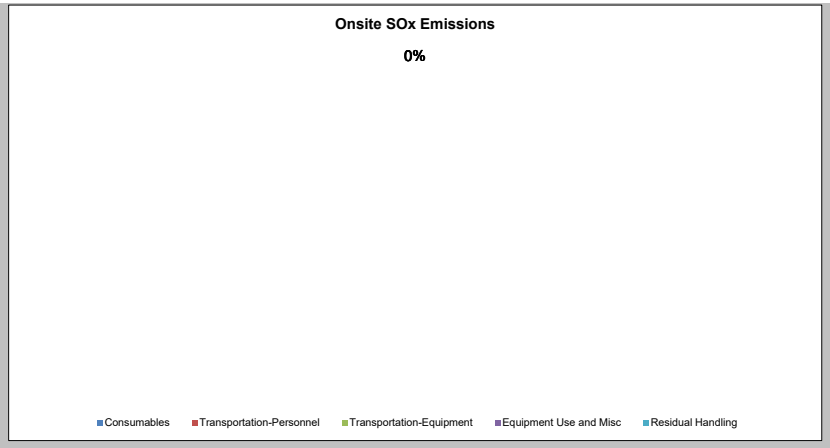
Total electricity replacement (MWh)	0.00E+00
Total electricity replacement (mmBtu)	0.00E+00
Percent electricity from renewable sources (%)	0.0%
Landfill gas reduction (metric ton CO_2 e)	0.00E+00
GHG emissions (metric ton CO2 e)	0.00E+00
NOx emissions (metric ton)	0.00E+00
SOx emissions (metric ton)	0.00E+00
PM10 emissions (metric ton)	0.00E+00

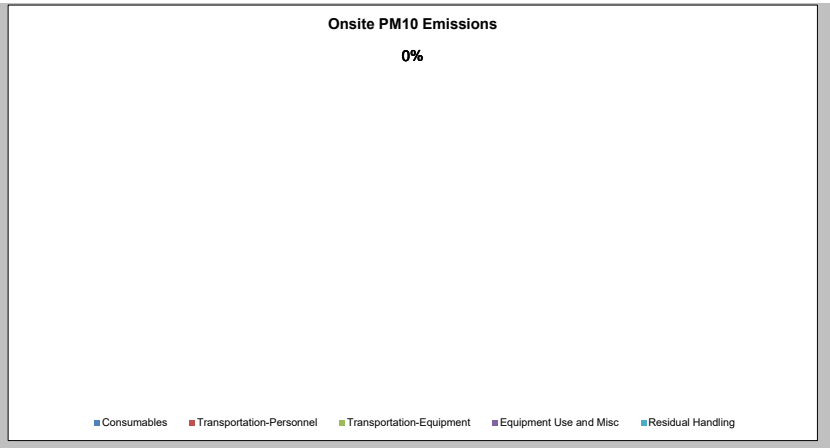

GHG Emissions
0%
4%
0%
96%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

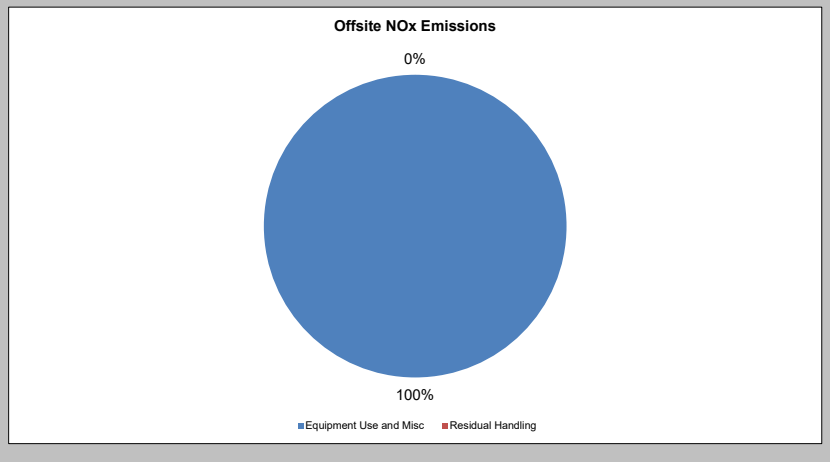

Energy Consumption
0%
3%
0%
96%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

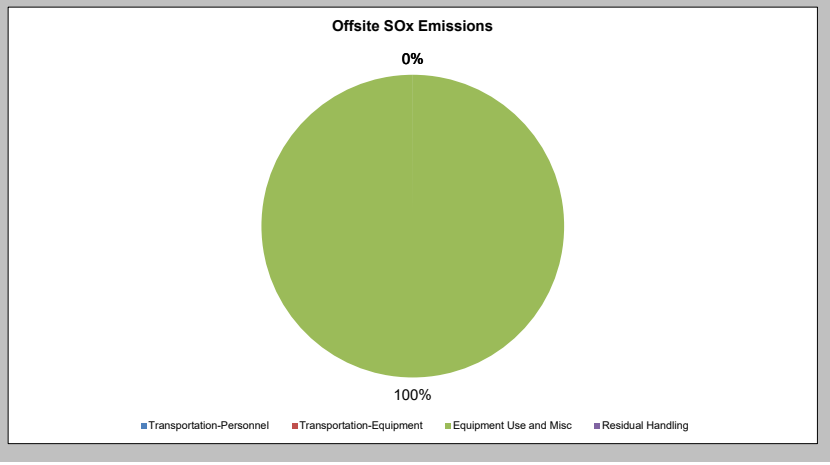

Water Consumption
0%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

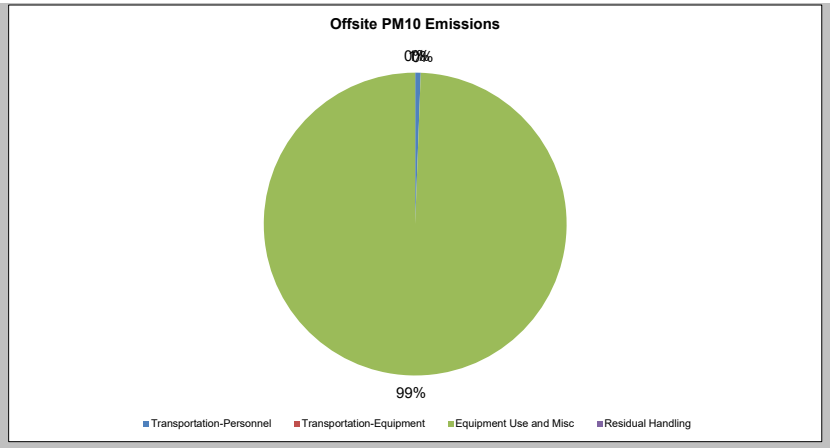

Onsite NOx Emissions
0%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

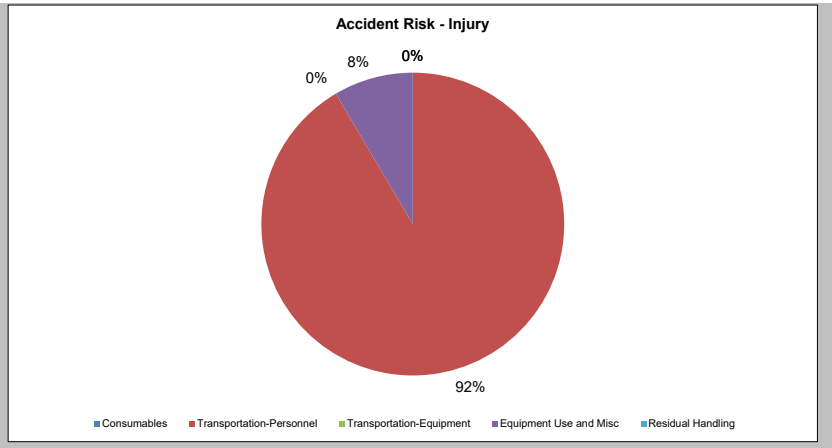

Onsite SOx Emissions
0%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

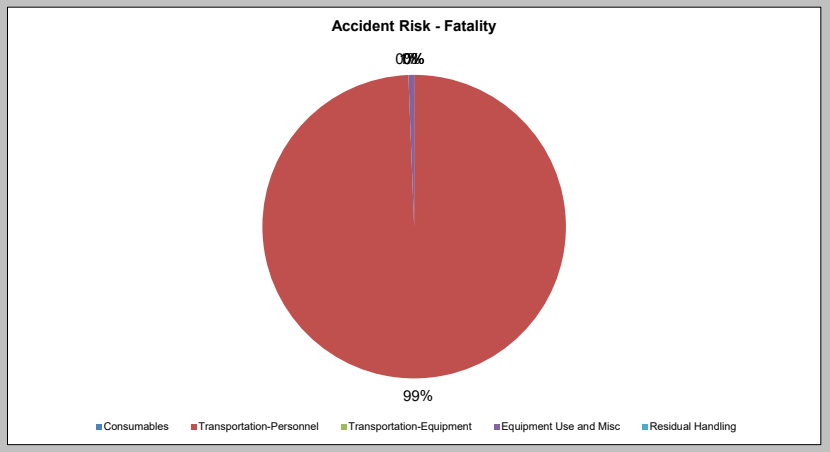

Onsite PM10 Emissions
0%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling


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

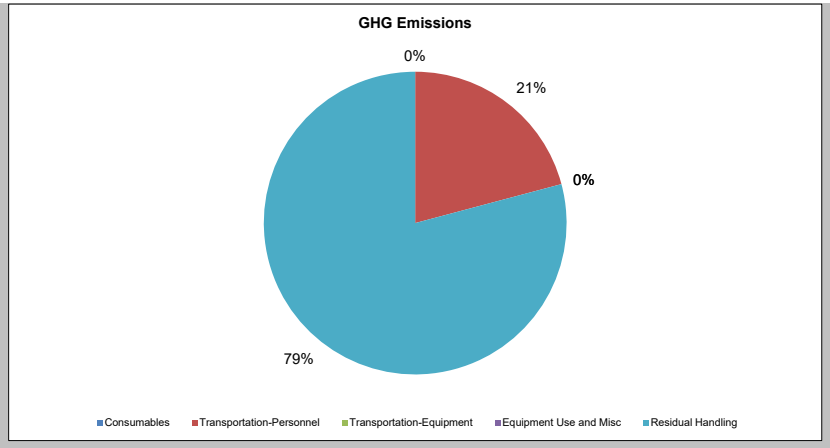
Activities	GHG Emissions	Percent Total	Total Energy Used	Percent Total	Water Consumption	Percent Total	Electricity Usage	Percent Total	Onsite NOx Emissions	Percent Total	Onsite SOx Emissions	Percent Total	Onsite PM10 Emissions	Percent Total	Total NOx Emissions	Percent Total	Total SOx Emissions	Percent 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

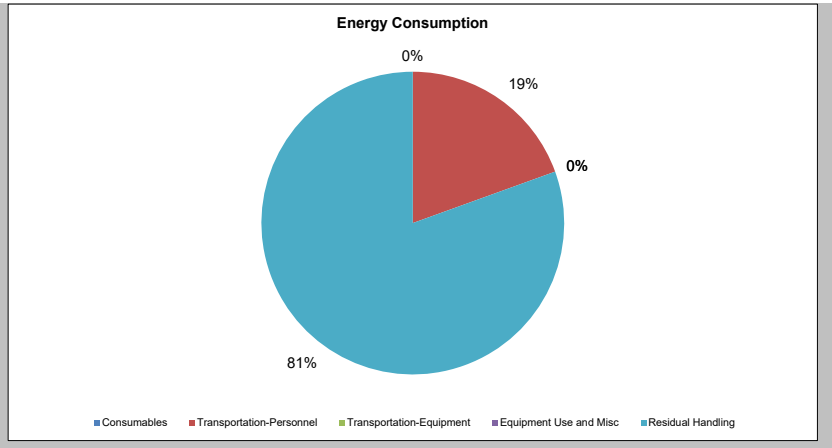
Additional Sustainability Metrics

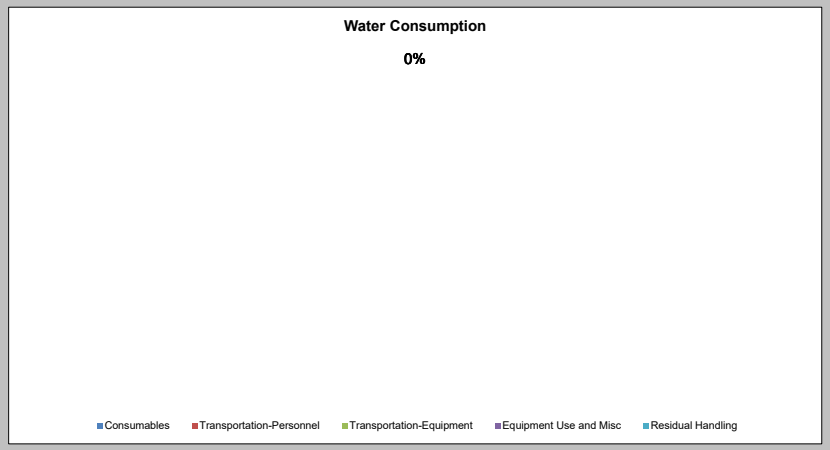
Non-Hazardous Waste Landfill Space (tons)	0.0
Hazardous Waste Landfill Space (tons)	0.0
Topsoil Consumption (yd^3)	0.0
Cost of Phase ($)	0.0
Lost Hours - Injury	0.0

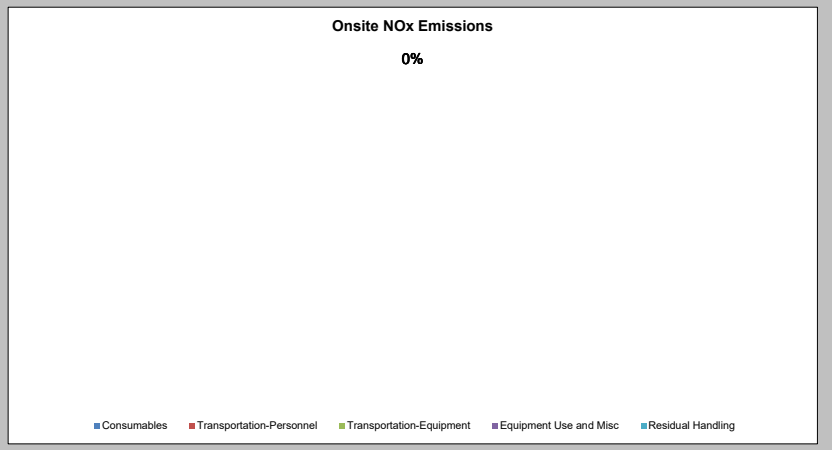
Footprint Reduction

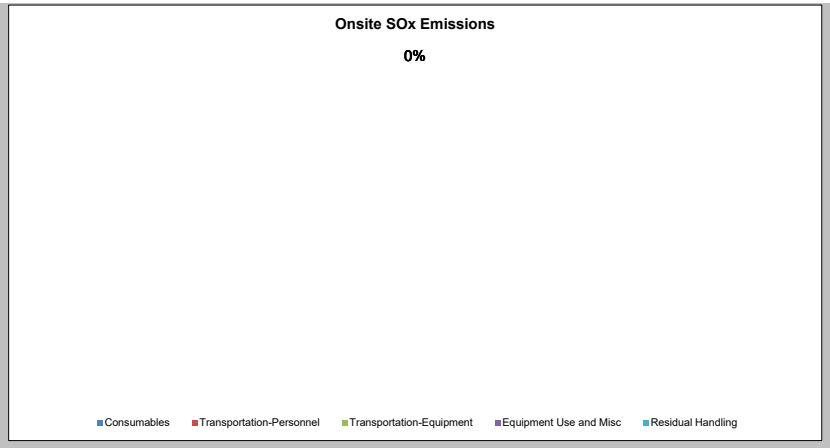
Total electricity replacement (MWh)	0.00E+00
Total electricity replacement (mmBtu)	0.00E+00
Percent electricity from renewable sources (%)	0.0%
Landfill gas reduction (metric ton CO_2 e)	0.00E+00
GHG emissions (metric ton CO2 e)	0.00E+00
NOx emissions (metric ton)	0.00E+00
SOx emissions (metric ton)	0.00E+00
PM10 emissions (metric ton)	0.00E+00

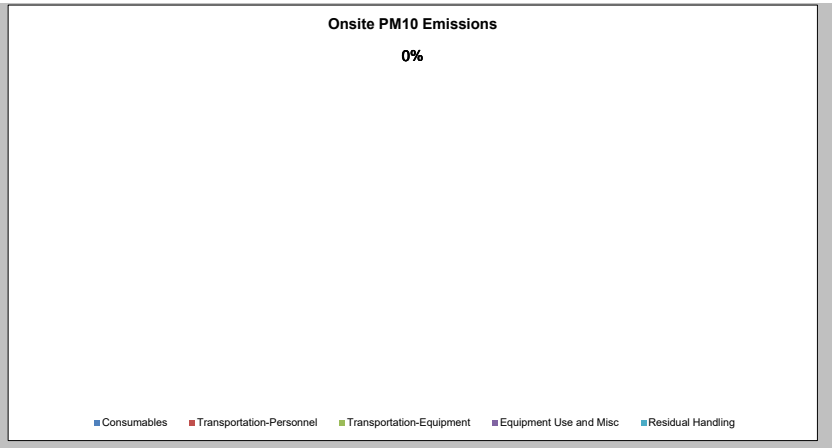

GHG Emissions
0%
21%
0%
79%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

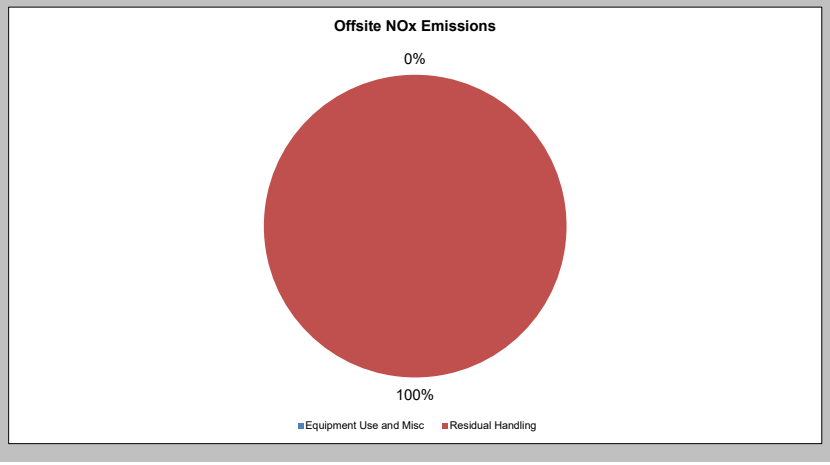

Energy Consumption
0%
19%
0%
81%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

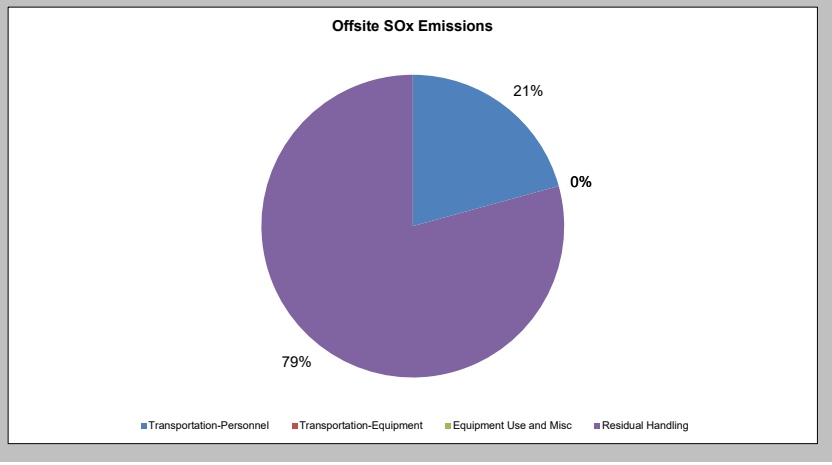

Water Consumption
0%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

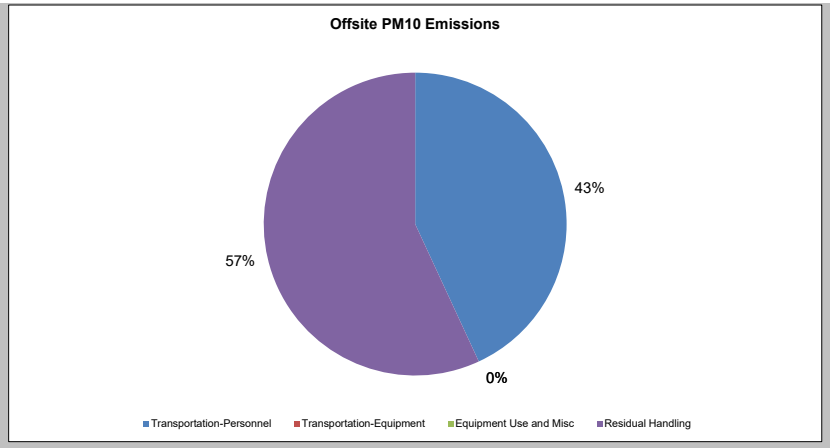

Onsite NOx Emissions
0%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

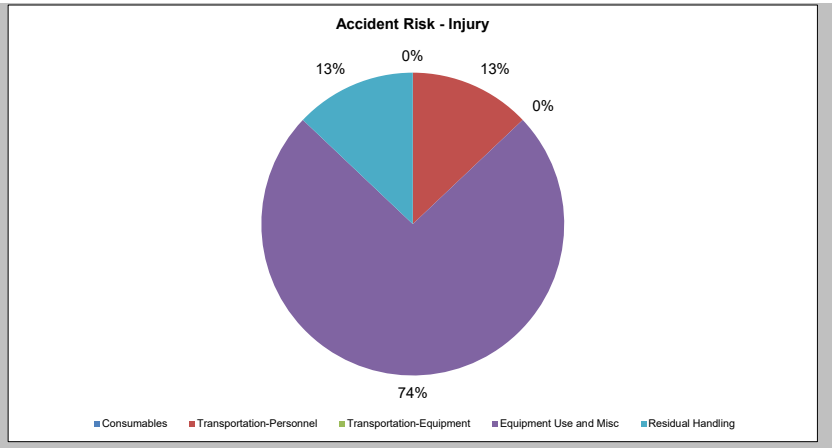

Onsite SOx Emissions
0%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

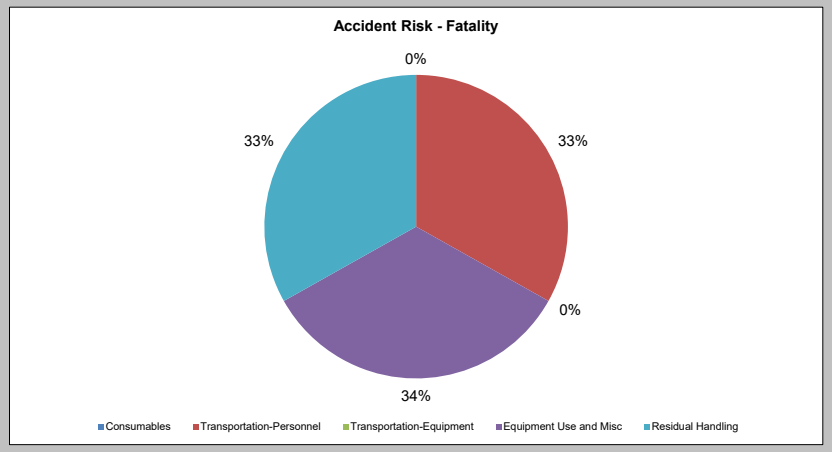

Onsite PM10 Emissions
0%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling


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

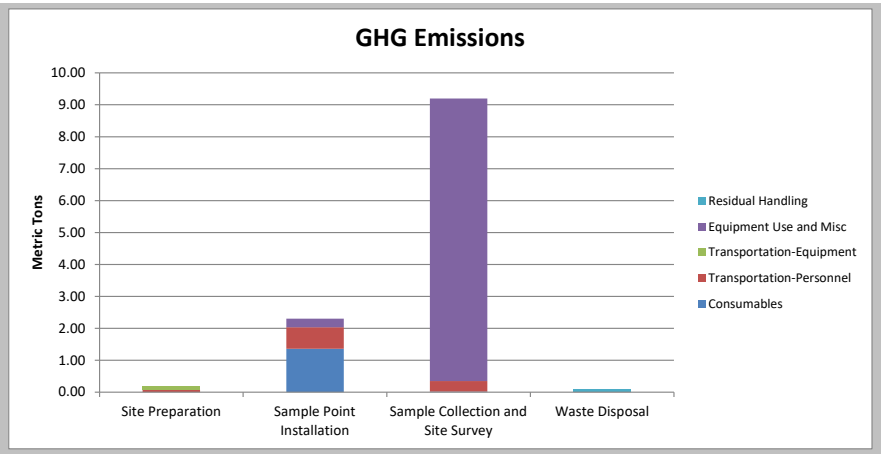

Accident Risk - Injury
0%
13%
13%
0%
74%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

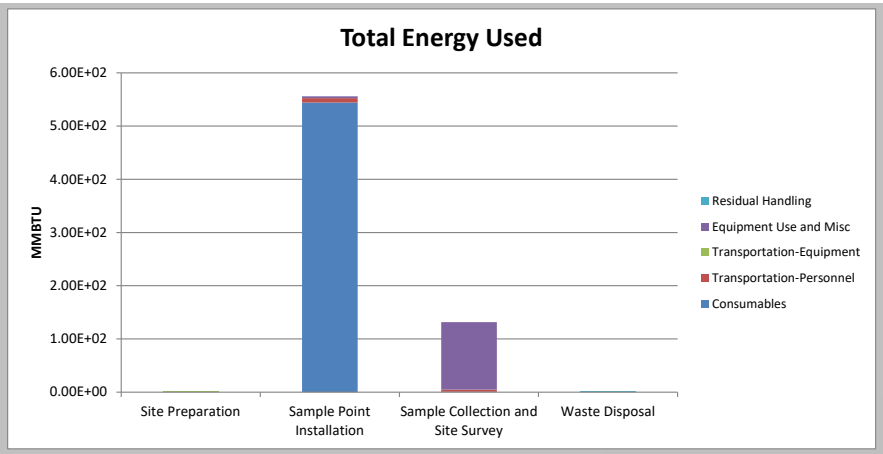

Accident Risk - Fatality
0%
33%
33%
0%
34%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

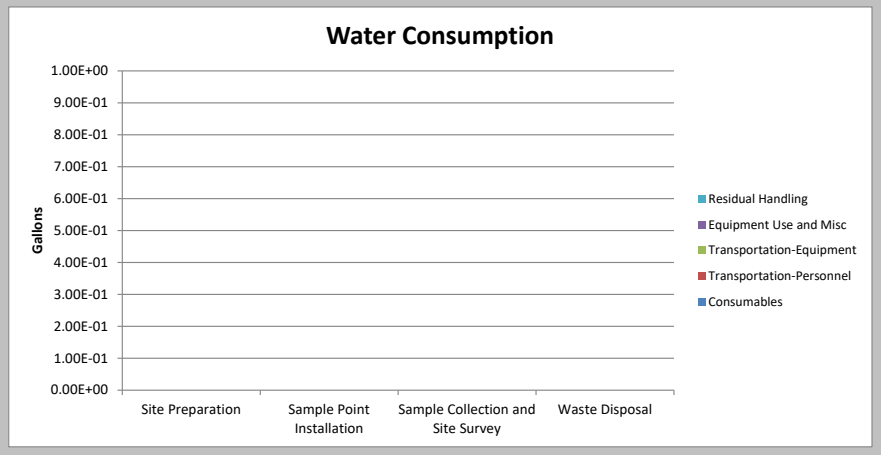
Sustainable Remediation - Environmental Footprint Summary

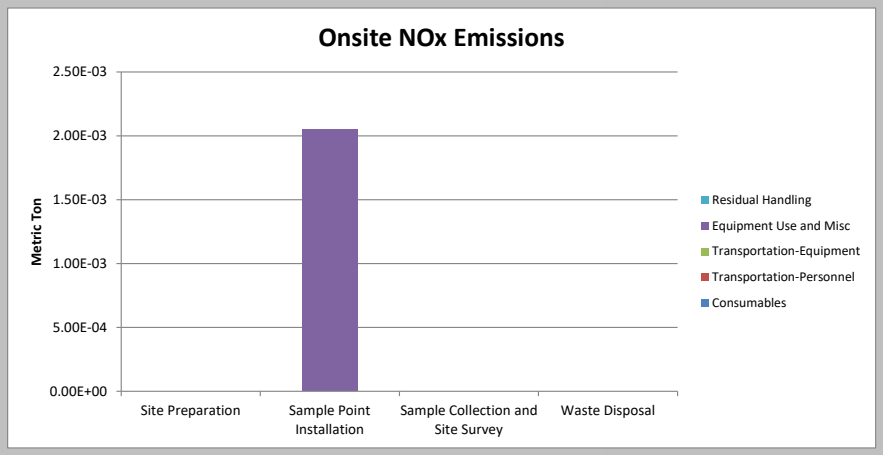
Phase	Activities	GHG Emissions	Total Energy Used	Water Consumption	Electricity Usage	Onsite NOx Emissions	Onsite SOx Emissions	Onsite PM10 Emissions	Total NOx Emissions	Total SOx Emissions	Total PM10 Emissions	Accident Risk Fatality	Accident Risk Injury
		metric ton	MMBTU	gallons	MWH	metric ton	metric 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**

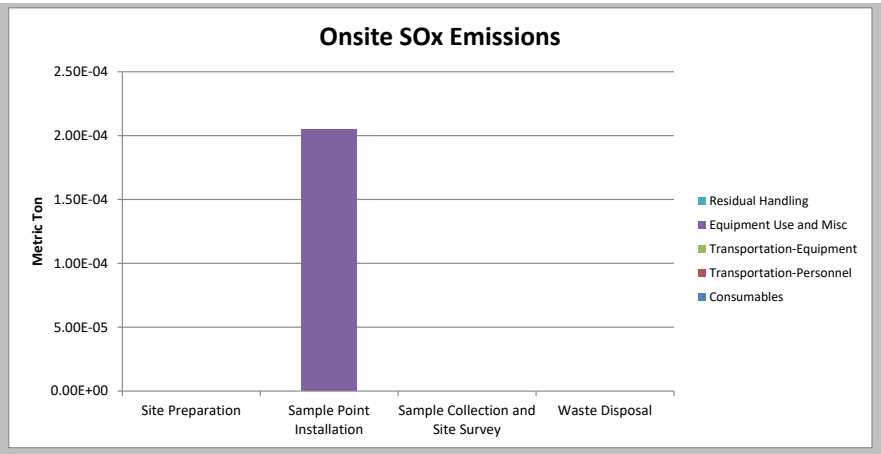
Remedial Alternative Phase	Non-Hazardous Waste Landfill Space	Hazardous Waste Landfill Space	Topsoil Consumption	Costing	Lost Hours - Injury	Percent electricity from renewable sources	Total Cost with Footprint Reduction
	tons	tons	cubic yards	$		%	
Site Preparation	0.0E+00	0.0E+00	0.0E+00	0	4.4E-03	0.0%	$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%**	

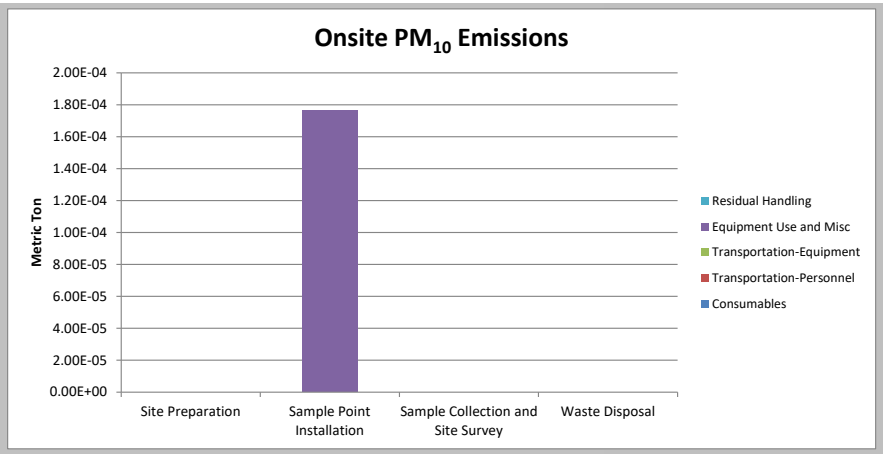

GHG Emissions
Metric Tons
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Site Preparation
Sample Point Installation
Sample Collection and Site Survey
Waste Disposal
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables

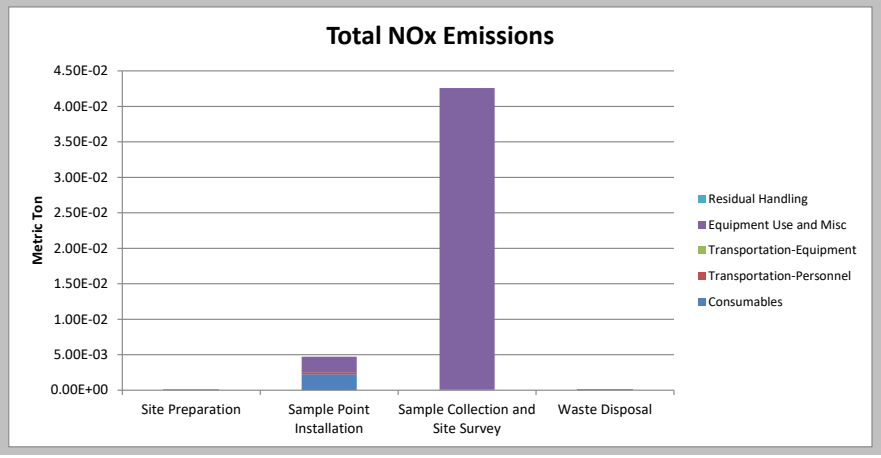

Total Energy Used
MMBTU
6.00E+02
5.00E+02
4.00E+02
3.00E+02
2.00E+02
1.00E+02
0.00E+00
Site Preparation
Sample Point Installation
Sample Collection and Site Survey
Waste Disposal
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables

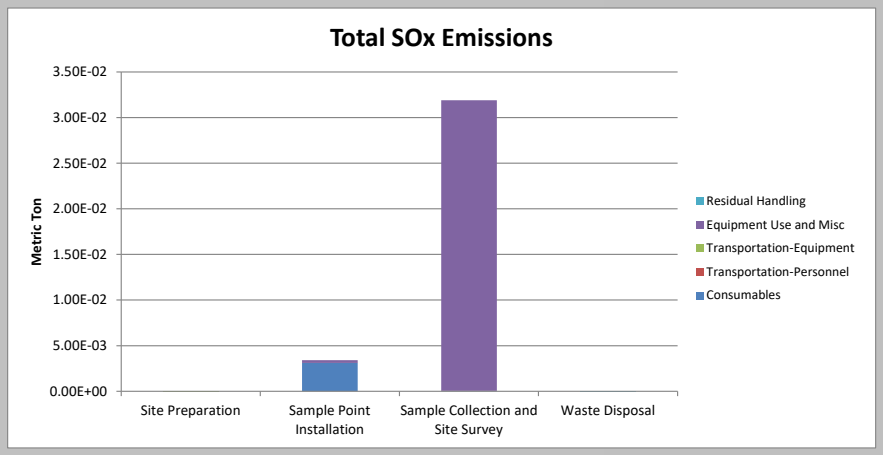

Water Consumption
Gallons
1.00E+00
9.00E-01
8.00E-01
7.00E-01
6.00E-01
5.00E-01
4.00E-01
3.00E-01
2.00E-01
1.00E-01
0.00E+00
Site Preparation
Sample Point Installation
Sample Collection and Site Survey
Waste Disposal
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables

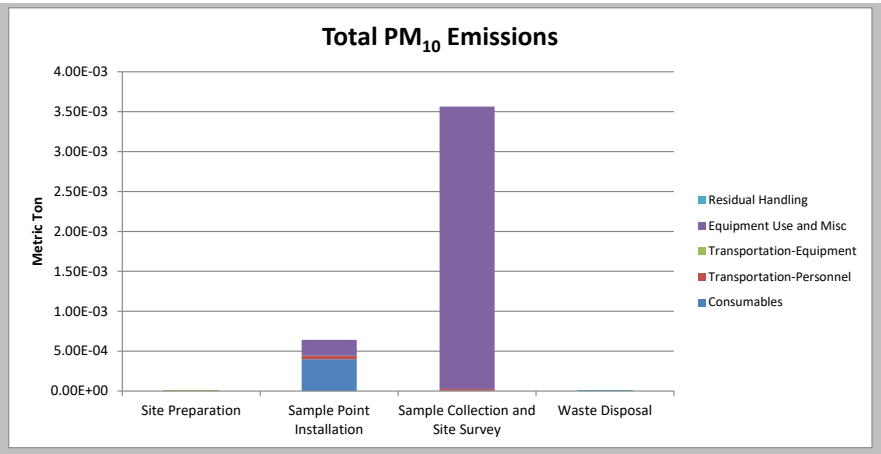

Onsite NOx Emissions
Metric Ton
2.50E-03
2.00E-03
1.50E-03
1.00E-03
5.00E-04
0.00E+00
Site Preparation
Sample Point Installation
Sample Collection and Site Survey
Waste Disposal
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables

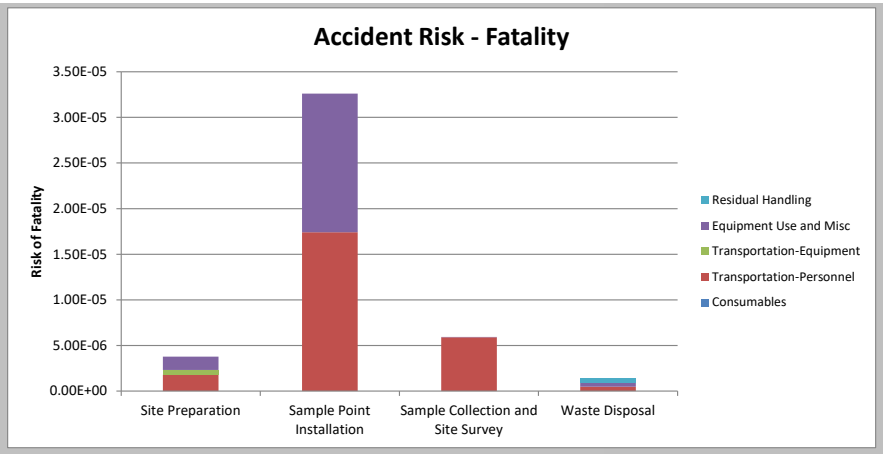

Onsite SOx Emissions
Metric Ton
2.50E-04
2.00E-04
1.50E-04
1.00E-04
5.00E-05
0.00E+00
Site Preparation
Sample Point Installation
Sample Collection and Site Survey
Waste Disposal
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables

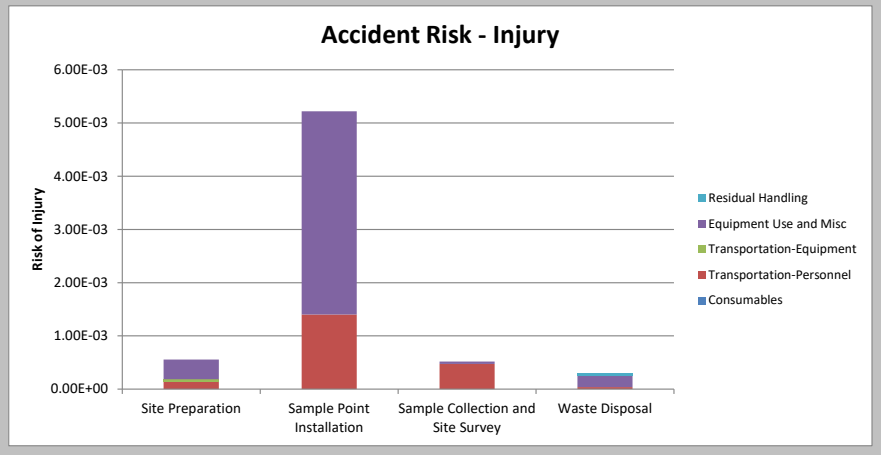

Onsite PM10 Emissions
Metric Ton
2.00E-04
1.80E-04
1.60E-04
1.40E-04
1.20E-04
1.00E-04
8.00E-05
6.00E-05
4.00E-05
2.00E-05
0.00E+00
Site Preparation
Sample Point Installation
Sample Collection and Site Survey
Waste Disposal
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables

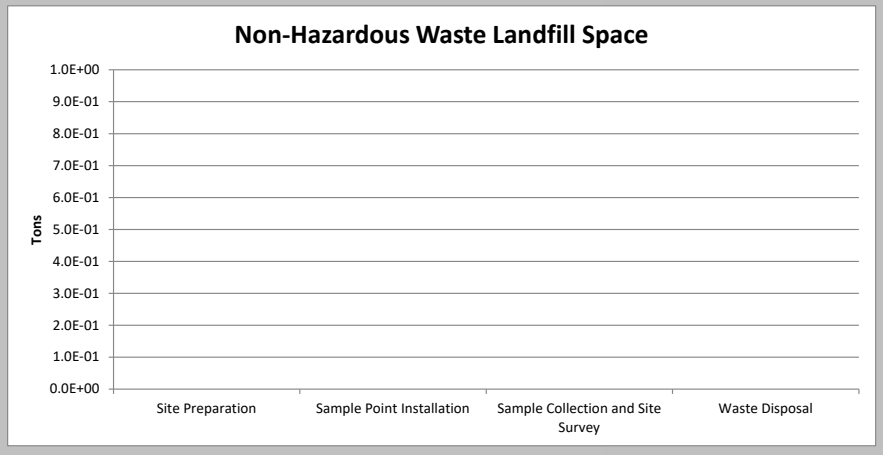

Total NOx Emissions
Metric Ton
4.50E-02
4.00E-02
3.50E-02
3.00E-02
2.50E-02
2.00E-02
1.50E-02
1.00E-02
5.00E-03
0.00E+00
Site Preparation
Sample Point Installation
Sample Collection and Site Survey
Waste Disposal
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables

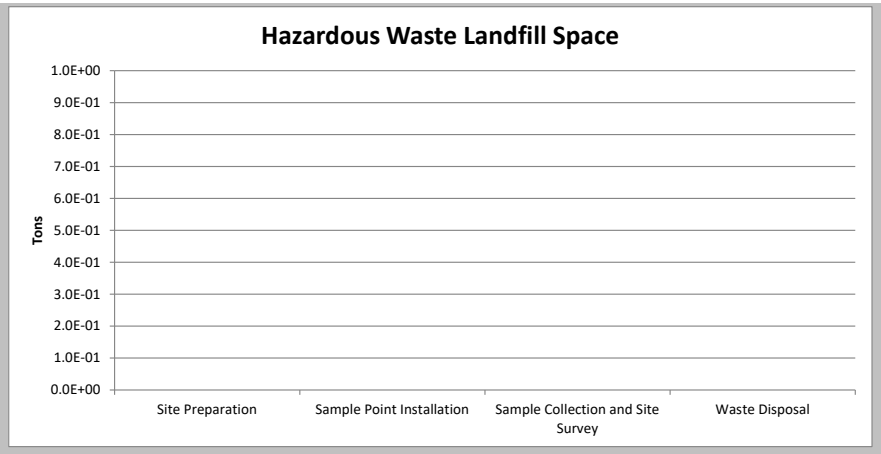

Total SOx Emissions
Metric Ton
3.50E-02
3.00E-02
2.50E-02
2.00E-02
1.50E-02
1.00E-02
5.00E-03
0.00E+00
Site Preparation
Sample Point Installation
Sample Collection and Site Survey
Waste Disposal
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables

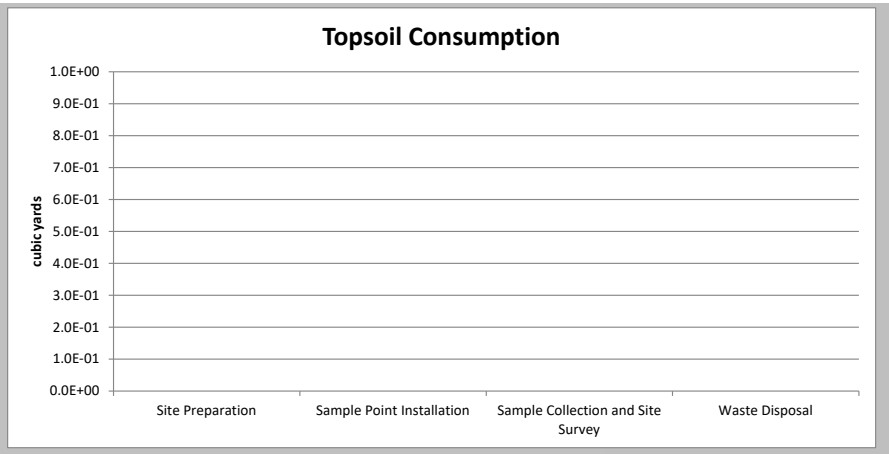

Total PM10 Emissions
Metric Ton
4.00E-03
3.50E-03
3.00E-03
2.50E-03
2.00E-03
1.50E-03
1.00E-03
5.00E-04
0.00E+00
Site Preparation
Sample Point Installation
Sample Collection and Site Survey
Waste Disposal
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables

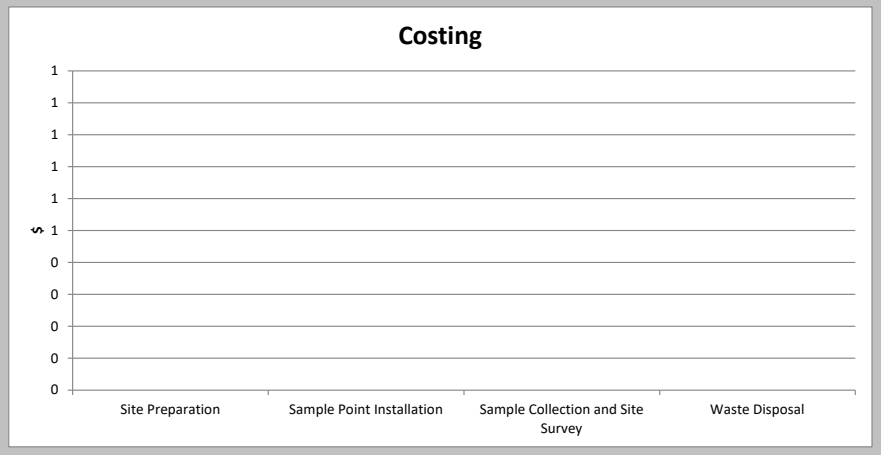

Accident Risk - Fatality
Risk of Fatality
3.50E-05
3.00E-05
2.50E-05
2.00E-05
1.50E-05
1.00E-05
5.00E-06
0.00E+00
Site Preparation
Sample Point Installation
Sample Collection and Site Survey
Waste Disposal
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables

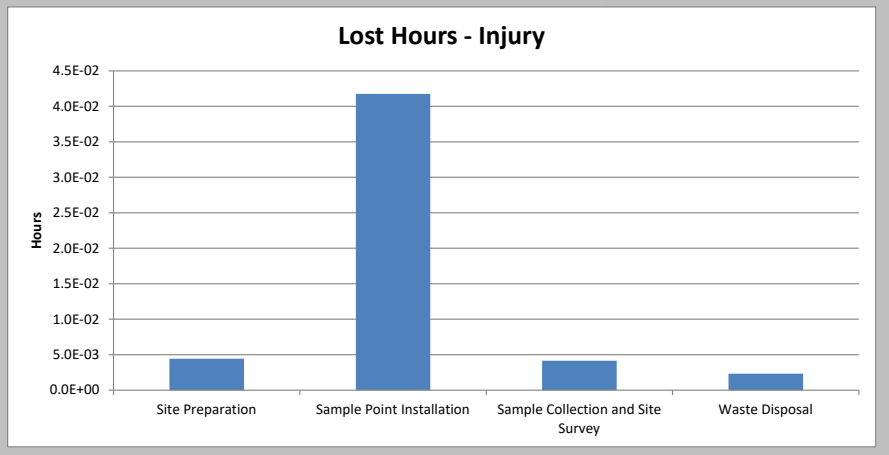

Accident Risk - Injury
Risk of Injury
6.00E-03
5.00E-03
4.00E-03
3.00E-03
2.00E-03
1.00E-03
0.00E+00
Site Preparation
Sample Point Installation
Sample Collection and Site Survey
Waste Disposal
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables


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
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


Topsoil Consumption
cubic yards
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


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
Hours
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
Site Preparation
Sample Point Installation
Sample Collection and Site Survey
Waste Disposal