

# **RPC – CORE AREA**

**ROCKLAND, NEW YORK**

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## **Construction Completion Report Cap Disturbance and Restoration**

**NYSDEC Site Number: C344080**

**Prepared for:**

JPMorgan Chase Bank, National Association  
65 Third Avenue  
Orangeburg, New York 10962

**Prepared by:**

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**APRIL 2022**

# CERTIFICATIONS

I, Ernest Hanna, am currently a registered professional engineer licensed by the State of New York, I had primary direct responsibility for implementation of the remedial program activities, and I certify that the Site Management Plan (SMP) was implemented and that all construction activities were completed in substantial conformance with the Department-approved SMP, unless otherwise noted in this Construction Completion Report (CCR).

I certify that the data submitted to the Department with this Construction Completion Report demonstrates that the requirements set forth in the SMP and in all applicable statutes and regulations have been or will be achieved in accordance with the time frames, if any, established for the remedy

I certify that all use restrictions, Institutional Controls, Engineering Controls, and/or any operation and maintenance requirements applicable to the Site are contained in an environmental easement created and recorded pursuant ECL 71-3605 and that all affected local governments, as defined in ECL 71-3603, have been notified that such easement has been recorded.

I certify that an SMP has been submitted for the continual and proper operation, maintenance, and monitoring of all Engineering Controls employed at the Site, including the proper maintenance of all remaining monitoring wells, and that such plan has been approved by the Department.

I certify that all documents generated in support of this report have been submitted in accordance with the DER's electronic submission protocols and have been accepted by the Department.

I certify that all data generated in support of this report have been submitted in accordance with the Department's electronic data deliverable and have been accepted by the Department.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, ERNEST HANNA, of Goldberg-Zoino Associates of New York P.C. d/b/a GZA GeoEnvironmental of New York (GZA), 104 West 29th Street, 10th Floor New York, NY 10001, am certifying as Owner's Designated Site Representative for the site.

065440  
NYS Professional Engineer #

04/25/2022  
Date

A circular seal for the State of New York Professional Engineer. The outer ring contains the text "STATE OF NEW YORK" at the top and "LICENSED PROFESSIONAL ENGINEER" at the bottom. The inner ring contains "ERINNY ROYAL HANNA" and "No. 63440". In the center is the State of New York coat of arms. A blue ink signature is written across the seal.

Signature

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## LIST OF ACRONYMS

<b>Acronym</b>	<b>Definition</b>
BCA	Brownfield Clean-up Agreement
BCP	Brownfield Cleanup Program
bgs	Below Ground Surface
CAMP	Community Air Monitoring Plan
CHASP	Construction Health and Safety Plan
COC	Contaminant of Concern
CPP	Citizen Participation Plan
CVOC	Chlorinated VOC
DER	Division of Environmental Remediation
DUSR	Data Usability Summary Report
ECs	Engineering Controls
GC	General Contractor
gpm	Gallons Per Minute
GZA	Goldberg-Zoino Associates of New York P.C. d/b/a GZA GeoEnvironmental of New York
HASP	Health and Safety Plan
ICs	Institutional Controls
IRMWP	Interim Remedial Measure Work Plan
ISCO	In-Situ Chemical Oxidation
NYC DEP	New York City Department of Environmental Protection
NYCRR	New York Codes Rules and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
ORC	Oxygen Release Compound
OSHA	United States Occupational Health and Safety Administration
PCB	Polychlorinated Biphenyl
PE	Professional Engineer
PFAS	Per- and Poly-Fluoroalkyl Substances
PID	Photo Ionization Detector
QA/QC	Quality Assurance/ Quality Control
RAOs	Remedial Action Objectives
RAWP	Remedial Action Work Plan
RI	Remedial Investigation
SCGs	Standards, Criteria and Guidance values
SCOs	Soil Cleanup Objectives
SMP	Site Management Plan
S/MMP	Soil/ Materials Management Plan
SOPs	Site Operations Plans

SSDS	Sub-Slab Depressurization Systems
TCLP	Toxicity Characteristic Leach Procedure
T&D	Transport and Disposal
TOGS	Technical and Operational Guidance Series
TPH-GRO	Total Petroleum Hydrocarbons, Gasoline Range Organics
UST	Underground Storage Tank
VOCs	Volatile Organic Compounds

# CONSTRUCTION COMPLETION REPORT

## 1.0 BACKGROUND AND SITE DESCRIPTION

JPMorgan Chase Bank, National Association entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) in July 2017, to investigate and remediate a 61-acre property located in Orangetown, New York. **Figure 1** presents the Site location map. The property was remediated to commercial use and is used as a Data Center.

The site is located in the County of Rockland, New York and is identified as Section 73.08 Block 1 and Lot 1 on the Orangetown Tax Map # 43.00. The site is situated on an approximately 61-acre area bounded by Convent Road to the north, Oak Street to the south, 1<sup>st</sup> Avenue to the east, and 3<sup>rd</sup> Avenue to the west (see **Figure 2**). The boundaries of the site are fully described in **Appendix A: Survey Map, Metes and Bounds**. The portion of the property that is the subject of this Construction Completion Report (CCR) is designated as the Data Center, the VVRC, and the transformer yard. This report includes activities completed between September and November 2021.

## **2.0 SUMMARY OF SITE REMEDY**

The following section presents a summary of the Site remedy as outlined in the IRMWP and the RAWP as it pertains to the cap disturbance and restoration.

### **2.1 REMEDIAL ACTION OBJECTIVES**

Based on the results of the Remedial Investigation, the following Remedial Action Objectives (RAOs) were identified for this site.

#### **2.1.1 Soil RAOs**

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation of or exposure from contaminants volatilizing from contaminants in soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater or surface water contamination.

### 3.0 DESCRIPTION OF WORK

Construction activities completed at the Site were conducted in accordance with the NYSDEC-approved Site Management Plan (SMP) for the RPC - Core Area Site (October 2020). All deviations from the SMP are noted below.

On September 1, 2021, GZA was notified that an emergency cap disturbance would be necessary to address the on-Site storm water run-off by installing a french drain system at three (3) locations: (1) the entrance to the administrative parking lot of the Data Center, (2) across the driveway of the transformer yard, and (3) at the entrance to the VVRC. The emergency cap disturbance was implemented to address the run-off that was endangering the integrity of the cap which, based on location, is comprised of one of the following:

- Clean Fill Cover: 1 foot of clean fill cover over the demarcation layer; or
- Asphalt Cap: 1.5 feet of asphalt top course, 4" asphalt base course, and 8" DGA stone subbase; or
- Concrete Cap: 6" of concrete over 15 mil vapor barrier over at least 6" of  $\frac{3}{4}$  stone covering most of the Site (except the northern wooded area).

The location and extent of excavation is depicted on **Figure 3**. Excavation activities resulted in the removal of approximately 20 CY of soil for off-Site disposal. Waste-classification sampling was performed at a frequency of 1 discrete VOC sample and 1 composite SVOC, inorganic and PCB/pesticides sample as required by Table 5.4(e)10 of the DER-10. Additionally, the discrete sample was analyzed for TCLP VOCs and the composite sample was analyzed for herbicides, EPH, TCLP pesticides, TCLP herbicides, TCLP RCRA metals, total cyanide, trivalent chromium, and hazardous waste characterization parameters including paint filter and ignitability, as required by the soil disposal facility. The cap was then restored as required in the SMP.

During the soil intrusion, CAMP was set up to monitor potential VOC or dust exceedances as outlined in Appendix I of the SMP. Once work was completed and the cap was restored, the cap was visually inspected as per the SMP requirements.

### **3.1 GOVERNING DOCUMENTS**

This subsection provides information relative to the planning and work plans for construction.

#### **3.1.1 Site Specific Health & Safety Plan (HASP)**

The site-specific HASP is included as Appendix F of the SMP. Work performed under the SMP was in compliance with governmental requirements, including Site and worker safety requirements mandated by Federal OSHA.

The HASP was complied with for remedial and invasive work performed at the Site. The HASP did not include general or site-specific construction related or general industry safety information, which was the responsibility of Structure Tone, LLC (Structure Tone), the General Contractor (GC).

Structure Tone developed and implemented its own site-specific Construction Health & Safety Plan (CHASP) as required by OSHA. During remedial activities, a representative of GZA was present for additional health and safety observation, and as required pursuant to the BCA.

#### **3.1.2 Quality Assurance Project Plan (QAPP)**

The QAPP is included as Appendix E of the SMP, approved by the NYSDEC. The QAPP describes the specific policies, objectives, organization, functional activities and quality assurance/quality control activities designed to achieve the project data quality objectives.

#### **3.1.3 Soil/Materials Management Plan (S/MMP)**

A Soil/Materials Management Plan (S/MMP) was prepared and implemented for excavation, handling, storage, transport and disposal of soils/materials that were disturbed/excavated at the Site. The S/MMP included the controls that were applied to these efforts to assure effective, nuisance-free performance in compliance with applicable Federal, State and local laws and regulations. The S/MMP is included as Appendix R of the RAWP, approved by the NYSDEC.

#### **3.1.4 Storm-Water Pollution Prevention Plan (SWPPP)**



The erosion and sediment controls for the remedial construction were performed in conformance with requirements presented in the New York State Guidelines for Urban Erosion and Sediment Control and the site-specific Storm Water Pollution Prevention Plan prepared by Dewberry Engineers, Inc. (Dewberry) and dated/revised on November 17, 2017. The SWPPP is included as Appendix Y of the RAWP, approved by the NYSDEC.

### **3.1.5 Community Air Monitoring Plan (CAMP)**

Real-time air monitoring for VOCs and particulate levels at the perimeter of the work area was performed as part of a CAMP. Continuous air monitoring was performed during ground intrusive activities and during the handling of contaminated or potentially contaminated media. Ground intrusive activities included, but were not limited to, soil/waste excavation and handling, soil sampling, test pit excavation or trenching and load out of regulated and non-regulated soils. The CAMP is included in Appendix I of the SMP.

### **3.1.6 Contractors Site Operations Plans (SOPs)**

The Remediation Engineer reviewed the plans and submittals for this construction project (i.e. those listed above), except for the SWPPP, and confirmed that they were in compliance with the SMP. The Site Civil Engineer (Dewberry) reviewed the SWPPP. All remedial documents were submitted to NYSDEC and NYSDOH in a timely manner and prior to the start of work.

## **3.2 CONSTRUCTION PROGRAM ELEMENTS**

This subsection provides information relative to the execution of the work plans for construction.

### **3.2.1 Contractors and Consultants**

The contractors who directly participated in the completion of the remedial objectives include:

- Structure Tone, LLC – General Contractor (GC)
- NorthStar Contracting Group Inc. – Export of site soil and excavation.

The engineer of record for the oversight and conformance with the remedial objectives was Ernest R. Hanna, P.E. of GZA.

### **3.2.2 Site Preparation**

Site mobilization included security set-up, equipment mobilization, utility markouts, marking/staking excavation areas and elevation control points, implementation of stormwater pollution prevention measures in compliance with the Site-specific SWPPP, and set up of CAMP stations.

### **3.2.3 General Site Controls**

The Site is secured with a security fence around the perimeter of the Site. Gates were either locked or manned with personnel. A security guard was present at the main gate entrance.

Truck washing stations and out-bound truck inspection stations were set up at various Site exits during remediation. Truck washing stations were constructed of filter fabric placed on the ground and overlain by approximately two feet of stone/rip rap. Equipment decontamination was achieved by scraping, brushing, and washing at the specified decontamination areas. Brooms, shovels, and potable water were utilized for the removal of soil from vehicles and equipment, as necessary. Before exiting the Site, trucks were stopped at the truck inspection station and examined for evidence of contaminated soil on the undercarriage, body, and wheels.

Soils removed were stockpiled on poly sheeting and segregated. Grossly contaminated soil was not encountered

### **3.2.4 Nuisance Controls**

Measures were taken to limit off-Site odor and dust nuisances. Dust was managed by application of physical covers, by limiting the drop height of soil material, by cleaning of equipment leaving the Site, and by water sprays. Odors were controlled by limiting the area of open excavations. No nuisance odors were observed outside of the Site. Noise was minimized to the extent practicable. Complaints were not received.

Trucks transporting materials off-Site and onto public roadways were inspected prior to departure. Drivers of trucks leaving the Site with soil/fill were instructed to proceed without stopping in the vicinity of the Site to prevent neighborhood impacts. The soil disposal transport route was as follows:

Outbound truck transport routes took 1st, 2nd or 3rd Avenues south from the Site to Old Orangeburg Road, then east or west to West Orangeburg Road (Route 20) to Route 303 or 304, respectively. This routing took into account the following factors: (a) limiting

transport through residential areas and past sensitive sites; (b) use of mapped truck routes; (c) minimizing off-Site queuing of trucks entering the facility; (d) limiting total distance to major highways; (e) promoting safety in access to highways; and (f) overall safety in transport.

The streets and sidewalks affected by the trucking operation were kept clean of debris and soil.

### **3.2.5 CAMP Results**

Air monitoring was performed by GZA each day that excavation and other ground intrusive activities were conducted on-site as well as when contaminated soils remained exposed for long periods of time. Three CAMP stations (two stationary and one mobile) were set up within and at the limits of the Site enclosure. CAMP stations were located to evaluate air quality surrounding the work area. At times, air monitoring action levels were exceeded due to weather conditions or device malfunctions.

### **3.2.6 Reporting**

Daily reports providing a general summary of activities for each day of active construction were prepared and included project number, statement of the activities, an update of progress made, and locations of work performed; quantities of material imported and exported from the Site; emergencies related to the Site, if any; a summary of CAMP data; and photographs of notable Site conditions and activities.

The daily reports are included in **Appendix B**. The daily reports include digital photos of Site remediation activities.

## **3.3 CONTAMINATED MATERIALS REMOVAL**

The following materials were removed from the Site during construction:

- Soil

The SCOs for the Site were established for the protection of public health for commercial use. Track 4 BCP SCOs for commercial use was selected in the Decision Document.

The following contaminants were identified as the COCs for the Site in the Decision Document:

Arsenic	Benzo(g,h,i)perylene
Barium	Chrysene
Copper	Dibenzo(a,h)anthracene
Lead	Fluoranthene
Total Mercury	Indeno(1,2,3-CD)pyrene
Benzo(a)anthracene	Phenanthrene
Benzo(a)pyrene	Pyrene
Benzo(b)fluoranthene	Trichloroethene

A list of the soil cleanup objectives (SCOs) for the contaminants of concern for this project is provided in **Table 1**.

### **3.3.1 Soil Removal**

Prior to excavation, waste pre-characterization sampling was completed at the three french drain installation locations: (1) at the Data Center, (2) at the transformer yard, and (3) at the VVRC parking lot. As detailed above, impacted soil excavation work began on-site on September 20, 2021. By November 2, 2021, the identified soils had been removed from the Site and disposed of at an approved facility. A total of approximately 20 cubic yards or 91 tons of soil were removed from the Site.

The construction of the french drain resulted in the disturbance of the protective cover system. During construction, procedures were followed as outlined in the SMP and met the requirements of the Decision Document, which included proper handling of contaminated soils beneath the cover system. Soil excavation was performed using conventional equipment such as track-mounted excavators, backhoes and loaders. Excavation work was performed in accordance with the site-specific CHASP and CAMP.

### **3.3.8 Disposal Details**

Excavated materials were handled, transported, and disposed of in accordance with applicable 6 NYCRR Part 360 / 364 / 372 regulations, and other local, state, and federal regulations. Structure Tone applied for material's acceptance for disposal of Non-TSCA fill (clean and regulated). Soil was characterized, per the approved disposal facility requirements, by laboratory analysis. Documentation of transporters, with valid Part 364 Waste Transporter Permits, used at the Site to dispose regulated material are included in **Appendix C**.

The disposal facility received copies of the waste-characterization sample analysis for their review. The disposal facility then issued a material's acceptance approval letter. The following is a list of the disposal facilities and the material they were pre-approved to receive:

- Soil Safe, Inc SSI-Metro12 (Carteret, NJ) for soil

**Table 2** below shows the total quantities of soil removed from the site and the disposal location. A summary of the samples collected to characterize the waste, and associated analytical results are summarized on **Table 3**.

The acceptance letter from the disposal facility owner is attached in **Appendix D**. Manifests and the facility disposal summary table is included in **Appendix E**.

**Table 2– Waste Disposal Summary**

Facility Name	Waste Type	Trucks	Total Tons
Soil Safe, Inc. SSI-Metro12	Soil	3	91.1

### 3.6 CONTAMINATION REMAINING AT THE SITE

#### 3.6.1 Soil

The BCP Track for the remediation conducted on Site is Track 4, Restricted Use with Site-Specific SCOs (NYSDEC Part 375 Restricted Commercial Use list of parameters for VOCs, SVOCs, Metals, Pesticides and PCBs). Soil concentrations that exceed RCSCOs remain on-Site beneath the final cover. The top of the residual soil/fill (i.e., the soil with concentrations that exceed RCSCOs) is defined by the placement of a demarcation layer. The demarcation layer consists of geosynthetic orange fencing placed on the surface of the

residual soil/fill to provide an observable reference layer. As per NYSDEC approvals, the demarcation layer was not required beneath the Site buildings, hardscaped areas or the drainage basin. The method of demarcation for the Site was presented in Appendix V of the RAWP.

### **3.7 SOIL COVER SYSTEM**

After the completion of soil removal and any other invasive activities, the cover system was restored in a manner that complies with GZA's Remedial Investigation Report – Remedial Action Work Plan (RIR-RAWP) dated August 2019. The restored cover system was comprised of one of the following:

- Clean Fill Cover: 1 foot of clean fill cover over the demarcation layer; or
- Asphalt Cap: 1.5 feet of asphalt top course, 4" asphalt base course, and 8" DGA stone subbase; or
- Concrete Cap: 6" of concrete over 15 mil vapor barrier over at least 6" of  $\frac{3}{4}$  stone covering most of the Site (except the northern wooded area).

**Figures 4 and 5** present the location of the cover system and applicable demarcation layers respectively. The Clean Fill Cover, Asphalt Cap, and Concrete Cap were restored at the entrance to the administrative parking lot of the Data Center, the Clean Fill Cover and Asphalt Cap were restored at the area across the driveway of the transformer yard, and the Clean Fill Cover and Asphalt Cap were restored at the entrance to the VVRC.

### **3.8 OTHER ENGINEERING CONTROLS**

The remedy for the site did not require the construction of any other engineering control systems.

### **3.9 INSTITUTIONAL CONTROLS**

The environmental easement for the site was executed by the Department on August 4, 2020 and filed with the Rockland County Clerk on August 19, 2020. The County Recording Identifier number for this filing is 2020-00023348. A copy of the easement and proof of filing is provided in Appendix Q of the FER.

### **3.10 DEVIATIONS FROM THE SITE MANAGEMENT PLAN**

There were no deviations from the SMP.

## **TABLES**



**Table 1 - NYSDEC Soil Cleanup Objectives (SCOs)  
Rockland Psychiatric Center BCP C344080**

Contaminant	Protection of Public Health					Protection of Ecological Resources <sup>n</sup>	Protection of Groundwater
	Unrestricted Use	Residential	Restricted-Residential	Commercial	Industrial		
All soil cleanup objectives (SCOs) are in parts per million (ppm); approximately equivalent to mg/kg.							
<b>Metals</b>							
Arsenic	13 <sup>m</sup>	16 <sup>f</sup>	17 <sup>f</sup>	18 <sup>f</sup>	19 <sup>f</sup>	13 <sup>f</sup>	16 <sup>f</sup>
Barium	350 <sup>m</sup>	350 <sup>f</sup>	400	400	10,000 <sup>d</sup>	433	820
Copper	50	270	270	270	10,000 <sup>d</sup>	50	1,720
Lead	63 <sup>m</sup>	400	400	1,000	3,900	63 <sup>f</sup>	450
Total Mercury	0.18 <sup>m</sup>	0.81 <sup>j</sup>	0.81 <sup>j</sup>	2.8 <sup>j</sup>	5.7 <sup>j</sup>	0.18 <sup>f</sup>	0.73
<b>Semivolatiles</b>							
Benz(a)anthracene	1 <sup>m</sup>	1 <sup>f</sup>	1 <sup>f</sup>	5.6	11	NS	1 <sup>f</sup>
Benzo(a)pyrene	1 <sup>m</sup>	1 <sup>f</sup>	1 <sup>f</sup>	1 <sup>f</sup>	1.1	2.6	22
Benzo(b)fluoranthene	1 <sup>m</sup>	1 <sup>f</sup>	1 <sup>f</sup>	5.6	11	NS	1.7
Benzo(g,h,i)perylene	100	100 <sup>a</sup>	100 <sup>a</sup>	500 <sup>b</sup>	1,000 <sup>c</sup>	NS	1,000 <sup>c</sup>
Chrysene	1 <sup>m</sup>	1 <sup>f</sup>	3.9	56	110	NS	1 <sup>f</sup>
Dibenz(a,h)anthracene	0.33 <sup>l</sup>	0.33 <sup>e</sup>	0.33 <sup>e</sup>	0.56	1.1	NS	1,000 <sup>c</sup>
Fluoranthene	100 <sup>k</sup>	100 <sup>a</sup>	100 <sup>a</sup>	500 <sup>b</sup>	1,000 <sup>c</sup>	NS	1,000 <sup>c</sup>
Indeno(1,2,3-cd)pyrene	0.5 <sup>m</sup>	0.5 <sup>f</sup>	0.5 <sup>f</sup>	5.6	11	NS	8.2
Phenanthrene	100	100 <sup>a</sup>	100 <sup>a</sup>	500 <sup>b</sup>	1,000 <sup>c</sup>	NS	1,000 <sup>c</sup>
Pyrene	100	100 <sup>a</sup>	100 <sup>a</sup>	500 <sup>b</sup>	1,000 <sup>c</sup>	NS	1,000 <sup>c</sup>
<b>Volatiles</b>							
Trichloroethene	0.47	10	21	200	400	2	0.47

Notes:

<sup>a</sup> The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 ppm.

<sup>b</sup> The SCOs for commercial use were capped at a maximum value of 500 ppm.

<sup>c</sup> The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 ppm.

<sup>d</sup> The SCOs for metals were capped at a maximum value of 10,000 ppm.

<sup>e</sup> For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the SCO value.

<sup>f</sup> For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.

<sup>g</sup> This SCO is derived from data on mixed isomers of BHC.

<sup>h</sup> The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.

<sup>i</sup> This SCO is for the sum of endosulfan I, endosulfan II, and endosulfan sulfate.

<sup>j</sup> This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts).

<sup>k</sup> The SCOs for unrestricted use were capped at a maximum value of 100 ppm.

<sup>l</sup> For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the Track 1 SCO value.

<sup>m</sup> For constituents where the calculated SCO was lower than the rural soil background concentration, as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site.

<sup>n</sup> Protection of ecological resources SCOs were not developed for contaminants identified in Table 375-6.8(b) with "NS". Where such contaminants appear in Table 375-6.8(a), the applicant may be required by the Department to calculate a protection of ecological resources SCO according to the TSD.

**Table 3**  
**Waste Characterization Sample Summary**  
**RPC - Cap Disturbance**

ANALYTE	CAS	NY-DER10-CIU (mg/kg)	NY-RESGW (mg/kg)	CAP-WC-GRAB				CAP-WC-COMP			
				L2150753-01				L2150753-02			
				9/20/2021				9/20/2021			
				SOIL				SOIL			
				Conc	Q	RL	MDL	Conc	Q	RL	MDL
<b>TCLP VOLATILES BY EPA 1311</b>											
Chloroform	67-66-3	0.37	0.37	ND	0.0075	0.0022	-	-	-	-	
Carbon tetrachloride	56-23-5	0.76	0.76	ND	0.005	0.0013	-	-	-	-	
Tetrachloroethene	127-18-4	1.3	1.3	ND	0.005	0.0018	-	-	-	-	
Chlorobenzene	108-90-7	1.1	1.1	ND	0.005	0.0018	-	-	-	-	
1,2-Dichloroethane	107-06-2	0.02	0.02	ND	0.005	0.0013	-	-	-	-	
Benzene	71-43-2	0.06	0.06	ND	0.005	0.0016	-	-	-	-	
Vinyl chloride	75-01-4	0.02	0.02	ND	0.01	0.00071	-	-	-	-	
1,1-Dichloroethene	75-35-4	0.33	0.33	ND	0.005	0.0017	-	-	-	-	
Trichloroethene	79-01-6	0.47	0.47	ND	0.005	0.0018	-	-	-	-	
1,4-Dichlorobenzene	106-46-7	1.8	1.8	ND	0.025	0.0019	-	-	-	-	
2-Butanone	78-93-3	0.12	0.12	ND	0.05	0.019	-	-	-	-	
SUM				-	-	-	-	-	-	-	
<b>VOLATILE ORGANICS BY EPA 5035</b>											
Methylene chloride	75-09-2	0.05	0.05	ND	0.0047	0.0021	-	-	-	-	
1,1-Dichloroethane	75-34-3	0.27	0.27	ND	0.00093	0.00014	-	-	-	-	
Chloroform	67-66-3	0.37	0.37	ND	0.0014	0.00013	-	-	-	-	
Carbon tetrachloride	56-23-5	0.76	0.76	ND	0.00093	0.00021	-	-	-	-	
1,2-Dichloropropane	78-87-5			ND	0.00093	0.00012	-	-	-	-	
Dibromochloromethane	124-48-1			ND	0.00093	0.00013	-	-	-	-	
1,1,2-Trichloroethane	79-00-5			ND	0.00093	0.00025	-	-	-	-	
Tetrachloroethene	127-18-4	1.3	1.3	ND	0.00047	0.00018	-	-	-	-	
Chlorobenzene	108-90-7	1.1	1.1	ND	0.00047	0.00012	-	-	-	-	
Trichlorofluoromethane	75-69-4			ND	0.0037	0.00065	-	-	-	-	
1,2-Dichloroethane	107-06-2	0.02	0.02	ND	0.00093	0.00024	-	-	-	-	
1,1,1-Trichloroethane	71-55-6	0.68	0.68	ND	0.00047	0.00016	-	-	-	-	
Bromodichloromethane	75-27-4			ND	0.00047	0.0001	-	-	-	-	
trans-1,3-Dichloropropene	10061-02-6			ND	0.00093	0.00025	-	-	-	-	
cis-1,3-Dichloropropene	10061-01-5			ND	0.00047	0.00015	-	-	-	-	
1,3-Dichloropropene, Total	542-75-6			ND	0.00047	0.00015	-	-	-	-	
1,1-Dichloropropene	563-58-6			ND	0.00047	0.00015	-	-	-	-	
Bromoform	75-25-2			ND	0.0037	0.00023	-	-	-	-	
1,1,2,2-Tetrachloroethane	79-34-5			ND	0.00047	0.00015	-	-	-	-	
Benzene	71-43-2	0.06	0.06	ND	0.00047	0.00015	-	-	-	-	
Toluene	108-88-3	0.7	0.7	ND	0.00093	0.00051	-	-	-	-	
Ethylbenzene	100-41-4	1	1	ND	0.00093	0.00013	-	-	-	-	
Chloromethane	74-87-3			ND	0.0037	0.00087	-	-	-	-	
Bromomethane	74-83-9			ND	0.0019	0.00054	-	-	-	-	
Vinyl chloride	75-01-4	0.02	0.02	ND	0.00093	0.00031	-	-	-	-	
Chloroethane	75-00-3			ND	0.0019	0.00042	-	-	-	-	
1,1-Dichloroethene	75-35-4	0.33	0.33	ND	0.00093	0.00022	-	-	-	-	
trans-1,2-Dichloroethene	156-60-5	0.19	0.19	ND	0.0014	0.00013	-	-	-	-	
Trichloroethene	79-01-6	0.47	0.47	ND	0.00047	0.00013	-	-	-	-	
1,2-Dichlorobenzene	95-50-1	1.1	1.1	ND	0.0019	0.00013	-	-	-	-	
1,3-Dichlorobenzene	541-73-1	2.4	2.4	ND	0.0019	0.00014	-	-	-	-	
1,4-Dichlorobenzene	106-46-7	1.8	1.8	ND	0.0019	0.00016	-	-	-	-	
Methyl tert butyl ether	1634-04-4	0.93	0.93	ND	0.0019	0.00019	-	-	-	-	
p/m-Xylene	179601-23-1			ND	0.0019	0.00052	-	-	-	-	
o-Xylene	95-47-6			ND	0.00093	0.00027	-	-	-	-	
Xylenes, Total	1330-20-7	1.6	1.6	ND	0.00093	0.00027	-	-	-	-	
cis-1,2-Dichloroethene	156-59-2	0.25	0.25	ND	0.00093	0.00016	-	-	-	-	
1,2-Dichloroethene, Total	540-59-0			ND	0.00093	0.00013	-	-	-	-	
Dibromomethane	74-95-3			ND	0.0019	0.00022	-	-	-	-	
Styrene	100-42-5			ND	0.00093	0.00018	-	-	-	-	
Dichlorodifluoromethane	75-71-8			ND	0.0093	0.00085	-	-	-	-	
Acetone	67-64-1	0.05	0.05	ND	0.0093	0.00045	-	-	-	-	
Carbon disulfide	75-15-0			ND	0.0093	0.0042	-	-	-	-	
2-Butanone	78-93-3	0.12	0.12	ND	0.0093	0.0021	-	-	-	-	
Vinyl acetate	108-05-4			ND	0.0093	0.002	-	-	-	-	
4-Methyl-2-pentanone	108-10-1			ND	0.0093	0.0012	-	-	-	-	
1,2,3-Trichloropropane	96-18-4			ND	0.0019	0.00012	-	-	-	-	
2-Hexanone	591-78-6			ND	0.0093	0.0011	-	-	-	-	
Bromochloromethane	74-97-5			ND	0.0019	0.00019	-	-	-	-	
2,2-Dichloropropane	594-20-7			ND	0.0019	0.00019	-	-	-	-	
1,2-Dibromoethane	106-93-4			ND	0.00093	0.00026	-	-	-	-	
1,3-Dichloropropane	142-28-9			ND	0.0019	0.00016	-	-	-	-	
1,1,1,2-Tetrachloroethane	630-20-6			ND	0.00047	0.00012	-	-	-	-	
Bromobenzene	108-86-1			ND	0.0019	0.00014	-	-	-	-	
n-Butylbenzene	104-51-8	12	12	ND	0.00093	0.00016	-	-	-	-	
sec-Butylbenzene	135-98-8	11	11	ND	0.00093	0.00014	-	-	-	-	
tert-Butylbenzene	98-06-6	5.9	5.9	ND	0.0019	0.00011	-	-	-	-	
o-Chlorotoluene	95-49-8			ND	0.0019	0.00018	-	-	-	-	
p-Chlorotoluene	106-43-4			ND	0.0019	0.0001	-	-	-	-	
1,2-Dibromo-3-chloropropane	96-12-8			ND	0.0028	0.00093	-	-	-	-	
Hexachlorobutadiene	87-68-3			ND	0.0037	0.00016	-	-	-	-	
Isopropylbenzene	98-82-8			ND	0.00093	0.0001	-	-	-	-	
p-Isopropyltoluene	99-87-6			ND	0.00093	0.0001	-	-	-	-	
Naphthalene	91-20-3	12	12	ND	0.0037	0.0006	-	-	-	-	
Acrylonitrile	107-13-1			ND	0.0037	0.0011	-	-	-	-	
n-Propylbenzene	103-65-1	3.9	3.9	ND	0.00093	0.00016	-	-	-	-	
1,2,3-Trichlorobenzene	87-61-6			ND	0.0019	0.0003	-	-	-	-	
1,2,4-Trichlorobenzene	120-82-1			ND	0.0019	0.00025	-	-	-	-	
1,3,5-Trimethylbenzene	108-67-8	8.4	8.4	ND	0.0019	0.00018	-	-	-	-	
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	ND	0.0019	0.00031	-	-	-	-	
1,4-Dioxane	123-91-1	0.1	0.1	ND	0.074	0.033	-	-	-	-	
p-Diethylbenzene	105-05-5			ND	0.0019	0.00016	-	-	-	-	
p-Ethyltoluene	622-96-8			ND	0.0019	0.00036	-	-	-	-	
1,2,4,5-Tetramethylbenzene	95-93-2			ND	0.0019	0.00018	-	-	-	-	
Ethyl ether	60-29-7			ND	0.0019	0.00032	-	-	-	-	
trans-1,4-Dichloro-2-butene	110-57-6			ND	0.0047	0.0013	-	-	-	-	
Total VOCs				-	-	-	-	-	-	-	

**Table 3**  
**Waste Characterization Sample Summary**  
**RPC - Cap Disturbance**

ANALYTE	CAS	NY-DER10-CIU (mg/kg)	NY-RESGW (mg/kg)	CAP-WC-GRAB				CAP-WC-COMP			
				L2150753-01				L2150753-02			
				9/20/2021				9/20/2021			
				SOIL				SOIL			
				Conc	Q	RL	MDL	Conc	Q	RL	MDL
<b>SEMIVOLATILE ORGANICS BY GC/MS</b>											
Acenaphthene	83-32-9	98	98	-	-	-	-	0.18	0.14	0.019	
1,2,4-Trichlorobenzene	120-82-1			-	-	-	-	ND	0.18	0.02	
Hexachlorobenzene	118-74-1	3.2	3.2	-	-	-	-	ND	0.11	0.02	
Bis(2-chloroethyl)ether	111-44-4			-	-	-	-	ND	0.16	0.024	
2-Chloronaphthalene	91-58-7			-	-	-	-	ND	0.18	0.018	
1,2-Dichlorobenzene	95-50-1	1.1	1.1	-	-	-	-	ND	0.18	0.032	
1,3-Dichlorobenzene	541-73-1	2.4	2.4	-	-	-	-	ND	0.18	0.031	
1,4-Dichlorobenzene	106-46-7	1.8	1.8	-	-	-	-	ND	0.18	0.031	
3,3'-Dichlorobenzidine	91-94-1			-	-	-	-	ND	0.18	0.048	
2,4-Dinitrotoluene	121-14-2			-	-	-	-	ND	0.18	0.036	
2,6-Dinitrotoluene	606-20-2			-	-	-	-	ND	0.18	0.031	
Fluoranthene	206-44-0	500	1000	-	-	-	-	2.6	0.11	0.021	
4-Chlorophenyl phenyl ether	7005-72-3			-	-	-	-	ND	0.18	0.019	
4-Bromophenyl phenyl ether	101-55-3			-	-	-	-	ND	0.18	0.027	
Bis(2-chloroisopropyl)ether	108-60-1			-	-	-	-	ND	0.22	0.031	
Bis(2-chloroethoxy)methane	111-91-1			-	-	-	-	ND	0.19	0.018	
Hexachlorobutadiene	87-68-3			-	-	-	-	ND	0.18	0.026	
Hexachlorocyclopentadiene	77-47-4			-	-	-	-	ND	0.51	0.16	
Hexachloroethane	67-72-1			-	-	-	-	ND	0.14	0.029	
Isophorone	78-59-1			-	-	-	-	ND	0.16	0.023	
Naphthalene	91-20-3	12	12	-	-	-	-	0.1	J	0.18	
Nitrobenzene	98-95-3			-	-	-	-	ND	0.16	0.026	
NDPA/DPA	86-30-6			-	-	-	-	ND	0.14	0.02	
n-Nitrosodi-n-propylamine	621-64-7			-	-	-	-	ND	0.18	0.028	
Bis(2-ethylhexyl)phthalate	117-81-7			-	-	-	-	ND	0.18	0.062	
Butyl benzyl phthalate	85-68-7			-	-	-	-	ND	0.18	0.045	
Di-n-butylphthalate	84-74-2			-	-	-	-	ND	0.18	0.034	
Di-n-octylphthalate	117-84-0			-	-	-	-	ND	0.18	0.061	
Diethyl phthalate	84-66-2			-	-	-	-	ND	0.18	0.017	
Dimethyl phthalate	131-11-3			-	-	-	-	ND	0.18	0.038	
Benzo(a)anthracene	56-55-3	1	1	-	-	-	-	1.3	0.11	0.02	
Benzo(a)pyrene	50-32-8	1	22	-	-	-	-	1.2	0.14	0.044	
Benzo(b)fluoranthene	205-99-2	1.7	1.7	-	-	-	-	1.4	0.11	0.03	
Benzo(k)fluoranthene	207-08-9	1.7	1.7	-	-	-	-	0.45	0.11	0.029	
Chrysene	218-01-9	1	1	-	-	-	-	1.1	0.11	0.019	
Acenaphthylene	208-96-8	107	107	-	-	-	-	0.052	J	0.14	
Anthracene	120-12-7	500	1000	-	-	-	-	0.44	0.11	0.035	
Benzo(ghi)perylene	191-24-2	500	1000	-	-	-	-	0.81	0.14	0.021	
Fluorene	86-73-7	386	386	-	-	-	-	0.21	0.18	0.017	
Phenanthrene	85-01-8	500	1000	-	-	-	-	1.6	0.11	0.022	
Dibenzo(a,h)anthracene	53-70-3	0.56	1000	-	-	-	-	0.21	0.11	0.021	
Indeno(1,2,3-cd)pyrene	193-39-5	5.6	8.2	-	-	-	-	1	0.14	0.025	
Pyrene	129-00-0	500	1000	-	-	-	-	2.1	0.11	0.018	
Biphenyl	92-52-4			-	-	-	-	ND	0.41	0.042	
4-Chloroaniline	106-47-8			-	-	-	-	ND	0.18	0.033	
2-Nitroaniline	88-74-4			-	-	-	-	ND	0.18	0.035	
3-Nitroaniline	99-09-2			-	-	-	-	ND	0.18	0.034	
4-Nitroaniline	100-01-6			-	-	-	-	ND	0.18	0.074	
Dibenzofuran	132-64-9	210	210	-	-	-	-	0.11	J	0.18	
2-Methylnaphthalene	91-57-6			-	-	-	-	0.1	J	0.22	
1,2,4,5-Tetrachlorobenzene	95-94-3			-	-	-	-	ND	0.18	0.019	
Acetophenone	98-86-2			-	-	-	-	ND	0.18	0.022	
2,4,6-Trichlorophenol	88-06-2			-	-	-	-	ND	0.11	0.034	
p-Chloro-m-cresol	59-50-7			-	-	-	-	ND	0.18	0.027	
2-Chlorophenol	95-57-8			-	-	-	-	ND	0.18	0.021	
2,4-Dichlorophenol	120-83-2			-	-	-	-	ND	0.16	0.029	
2,4-Dimethylphenol	105-67-9			-	-	-	-	ND	0.18	0.059	
2-Nitrophenol	88-75-5			-	-	-	-	ND	0.39	0.068	
4-Nitrophenol	100-02-7			-	-	-	-	ND	0.25	0.073	
2,4-Dinitrophenol	51-28-5			-	-	-	-	ND	0.86	0.084	
4,6-Dinitro-o-cresol	534-52-1			-	-	-	-	ND	0.47	0.086	
Pentachlorophenol	87-86-5	0.8	0.8	-	-	-	-	ND	0.14	0.04	
Phenol	108-95-2	0.33	0.33	-	-	-	-	ND	0.18	0.027	
2-Methylphenol	95-48-7	0.33	0.33	-	-	-	-	ND	0.18	0.028	
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	0.33	-	-	-	-	ND	0.26	0.028	
2,4,5-Trichlorophenol	95-95-4			-	-	-	-	ND	0.18	0.034	
Benzoic Acid	65-85-0			-	-	-	-	ND	0.58	0.18	
Benzyl Alcohol	100-51-6			-	-	-	-	ND	0.18	0.055	
Carbazole	86-74-8			-	-	-	-	0.15	J	0.18	
1,4-Dioxane	123-91-1	0.1	0.1	-	-	-	-	ND	0.027	0.0083	
Total SVOCs				-	-	-	-	15.112	-	-	
<b>TCLP SEMIVOLATILES BY EPA 1311</b>											
Hexachlorobenzene	118-74-1	3.2	3.2	-	-	-	-	ND	0.01	0.0034	
2,4-Dinitrotoluene	121-14-2			-	-	-	-	ND	0.025	0.0019	
Hexachlorobutadiene	87-68-3			-	-	-	-	ND	0.01	0.003	
Hexachloroethane	67-72-1			-	-	-	-	ND	0.01	0.0022	
Nitrobenzene	98-95-3			-	-	-	-	ND	0.01	0.0033	
2,4,6-Trichlorophenol	88-06-2			-	-	-	-	ND	0.025	0.0025	
Pentachlorophenol	87-86-5	0.8	0.8	-	-	-	-	ND	0.05	0.0098	
2-Methylphenol	95-48-7	0.33	0.33	-	-	-	-	ND	0.025	0.0055	
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	0.33	-	-	-	-	ND	0.025	0.0028	
2,4,5-Trichlorophenol	95-95-4			-	-	-	-	ND	0.025	0.0019	
Pyridine	110-86-1			-	-	-	-	ND	0.018	0.0045	
SUM				-	-	-	-	-	-	-	
<b>CHLORINATED HERBICIDES BY GC</b>											
2,4-D	94-75-7			-	-	-	-	ND	0.179	0.0113	
2,4,5-T	93-76-5			-	-	-	-	ND	0.179	0.00555	
2,4,5-TP (Silvex)	93-72-1	3.8	3.8	-	-	-	-	ND	0.179	0.00476	
<b>ORGANOCHLORINE PESTICIDES BY GC</b>											
Delta-BHC	319-86-8	0.25	0.25	-	-	-	-	ND	0.00172	0.000336	
Lindane	58-89-9	0.1	0.1	-	-	-	-	ND	0.000715	0.000319	
Alpha-BHC	319-84-6	0.02	0.02	-	-	-	-	ND	0.000715	0.000203	
Beta-BHC	319-85-7	0.09	0.09	-	-	-	-	ND	0.00172	0.00065	
Heptachlor	76-44-8	0.38	0.38	-	-	-	-	ND	0.000858	0.000384	
Aldrin	309-00-2	0.19	0.19	-	-	-	-	ND	0.00172	0.000604	
Heptachlor epoxide	1024-57-3			-	-	-	-	ND	0.00322	0.000965	
Endrin	72-20-8	0.06	0.06	-	-	-	-	ND	0.000715	0.000293	
Endrin aldehyde	7421-93-4			-	-	-	-	ND	0.00214	0.00075	
Endrin ketone	53494-70-5			-	-	-	-	ND	0.00172	0.000442	
Dieldrin	60-57-1	0.1	0.1	-	-	-	-	ND	0.00107	0.000536	
4,4'-DDE	72-55-9	17	17	-	-	-	-	0.00223	0.00172	0.000397	
4,4'-DDD	72-54-8	14	14	-	-	-	-	ND	0.00172	0.000612	
4,4'-DDT	50-29-3	47	136	-	-	-	-	ND	0.00322	0.00138	
Endosulfan I	959-98-8	102	102	-	-	-	-	ND	0.00172	0.000405	
Endosulfan II	33213-65-9	102	102	-	-	-	-	ND	0.00172	0.000573	
Endosulfan sulfate	1031-07-8	200	1000	-	-	-	-	ND	0.000715	0.00034	
Methoxychlor	72-43-5			-	-	-	-	ND	0.00322	0.001	
Toxaphene	8001-35-2			-	-	-	-	ND	0.0322	0.009	
cis-Chlordane	5103-71-9	2.9	2.9	-	-	-	-	0.00127	J	0.00214	
trans-Chlordane	5103-74-2			-	-	-	-	0.00289	0.00214	0.000566	
Chlordane	57-74-9			-	-	-	-	ND	0.0143	0.00568	

**Table 3**  
**Waste Characterization Sample Summary**  
**RPC - Cap Disturbance**

ANALYTE	CAS	NY-DER10-CIU (mg/kg)	NY-RESGW (mg/kg)	CAP-WC-GRAB				CAP-WC-COMP			
				LAB ID: L2150753-01				L2150753-02			
				COLLECTION DATE: 9/20/2021				9/20/2021			
				SAMPLE DEPTH:							
				SAMPLE MATRIX: SOIL				SOIL			
				Conc	Q	RL	MDL	Conc	Q	RL	MDL
<b>TCLP HERBICIDES BY EPA 1311</b>											
2,4-D	94-75-7			-	-	-	-	ND		0.025	0.001
2,4,5-TP (Silvex)	93-72-1	3.8	3.8	-	-	-	-	ND		0.005	0.001
<b>TCLP PESTICIDES BY EPA 1311</b>											
Lindane	58-89-9	0.1	0.1	-	-	-	-	ND		0.0001	0.00022
Heptachlor	76-44-8	0.38	0.38	-	-	-	-	ND		0.0001	0.00016
Heptachlor epoxide	1024-57-3			-	-	-	-	ND		0.0001	0.00021
Endrin	72-20-8	0.06	0.06	-	-	-	-	ND		0.0002	0.00021
Methoxychlor	72-43-5			-	-	-	-	ND		0.001	0.00034
Toxaphene	8001-35-2			-	-	-	-	ND		0.001	0.00314
Chlordane	57-74-9			-	-	-	-	ND		0.001	0.00232
<b>POLYCHLORINATED BIPHENYLS BY GC</b>											
Aroclor 1016	12674-11-2	1	3.2	-	-	-	-	ND		0.036	0.0032
Aroclor 1221	11104-28-2	1	3.2	-	-	-	-	ND		0.036	0.00361
Aroclor 1232	11141-16-5	1	3.2	-	-	-	-	ND		0.036	0.00764
Aroclor 1242	53469-21-9	1	3.2	-	-	-	-	ND		0.036	0.00486
Aroclor 1248	12672-29-6	1	3.2	-	-	-	-	ND		0.036	0.0054
Aroclor 1254	11097-69-1	1	3.2	-	-	-	-	ND		0.036	0.00394
Aroclor 1260	11096-82-5	1	3.2	-	-	-	-	ND		0.036	0.00666
Aroclor 1262	37324-23-5	1	3.2	-	-	-	-	ND		0.036	0.00458
Aroclor 1268	11100-14-4	1	3.2	-	-	-	-	ND		0.036	0.00373
PCBs, Total	1336-36-3	1	3.2	-	-	-	-	ND		0.036	0.0032
<b>NJ EXTRACTABLE PETROLEUM HYDROCARBONS (TOTAL)</b>											
Total EPH	NONE			-	-	-	-	50		25.1	25.1
<b>GENERAL CHEMISTRY</b>											
Chromium, Trivalent	16065-83-1	1500		-	-	-	-	8.8	J	0.88	0.88
Solids, Total	NONE			88.8		0.1	NA	90.8		0.1	NA
Cyanide, Total	57-12-5	27	40	-	-	-	-	ND		1	0.22
pH (H)	12408-02-5			-	-	-	-	9.2		0	NA
Chromium, Hexavalent	18540-29-9	19	19	-	-	-	-	0.209	J	0.881	0.176
Cyanide, Reactive	57-12-5			-	-	-	-	ND		10	10
Sulfide, Reactive	NONE			-	-	-	-	ND		10	10
Paint Filter Liquid	PFLT			-	-	-	-	NEGATIVE		0	NA
<b>TCLP METALS BY EPA 1311</b>											
Arsenic, TCLP	7440-38-2			-	-	-	-	ND		1	0.019
Barium, TCLP	7440-39-3			-	-	-	-	0.699		0.5	0.021
Cadmium, TCLP	7440-43-9			-	-	-	-	ND		0.1	0.01
Chromium, TCLP	7440-47-3			-	-	-	-	0.031	J	0.2	0.021
Lead, TCLP	7439-92-1			-	-	-	-	ND		0.5	0.027
Mercury, TCLP	7439-97-6			-	-	-	-	ND		0.001	0.0005
Selenium, TCLP	7782-49-2			-	-	-	-	ND		0.5	0.035
Silver, TCLP	7440-22-4			-	-	-	-	ND		0.1	0.028
<b>TOTAL METALS</b>											
Aluminum, Total	7429-90-5			-	-	-	-	4790		8.51	2.3
Antimony, Total	7440-36-0			-	-	-	-	ND		4.26	0.323
Arsenic, Total	7440-38-2	16	16	-	-	-	-	1.06		0.851	0.177
Barium, Total	7440-39-3	400	820	-	-	-	-	50.4		0.851	0.148
Beryllium, Total	7440-41-7	47	47	-	-	-	-	0.255	J	0.426	0.028
Cadmium, Total	7440-43-9	7.5	7.5	-	-	-	-	ND		0.851	0.083
Calcium, Total	7440-70-2			-	-	-	-	8360		8.51	2.98
Chromium, Total	7440-47-3			-	-	-	-	8.96		0.851	0.082
Cobalt, Total	7440-48-4			-	-	-	-	4.8		1.7	0.141
Copper, Total	7440-50-8	270	1720	-	-	-	-	12		0.851	0.22
Iron, Total	7439-89-6			-	-	-	-	10300		4.26	0.768
Lead, Total	7439-92-1	450	450	-	-	-	-	18.9		4.26	0.228
Magnesium, Total	7439-95-4			-	-	-	-	2450		8.51	1.31
Manganese, Total	7439-96-5	2000	2000	-	-	-	-	240		0.851	0.135
Mercury, Total	7439-97-6	0.73	0.73	-	-	-	-	ND		0.09	0.059
Nickel, Total	7440-02-0	130	130	-	-	-	-	8.75		2.13	0.206
Potassium, Total	7440-09-7			-	-	-	-	689		213	12.2
Selenium, Total	7782-49-2	4	4	-	-	-	-	ND		1.7	0.22
Silver, Total	7440-22-4	8.3	8.3	-	-	-	-	ND		0.851	0.241
Sodium, Total	7440-23-5			-	-	-	-	265		170	2.68
Thallium, Total	7440-28-0			-	-	-	-	ND		1.7	0.268
Vanadium, Total	7440-62-2			-	-	-	-	16.8		0.851	0.173
Zinc, Total	7440-66-6	2480	2480	-	-	-	-	29.6		4.26	0.249
<b>IGNITABILITY OF SOLIDS</b>											
Ignitability	NONE			-	-	-	-	NI		0	NA

**Table 3**  
**Waste Characterization Sample Summary**  
**RPC - Cap Disturbance**

Notes:

NY-DER10-CIU: New York DER-10 Commercial or Industrial Use Allowable Constituent Levels for Imported Fill & Soil Criteria per DER-10 Technical Guidance for Site Investigation & Remediation issued May 3, 2010.

NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Q - Laboratory Qualifier.

RDL - Reporting Detection Limit.

MDL - Method Detection Limit.

J - Concentration detected below the reporting limit.

Yellow highlight indicates regulatory standard exceedance.

NA - Not Applicable.

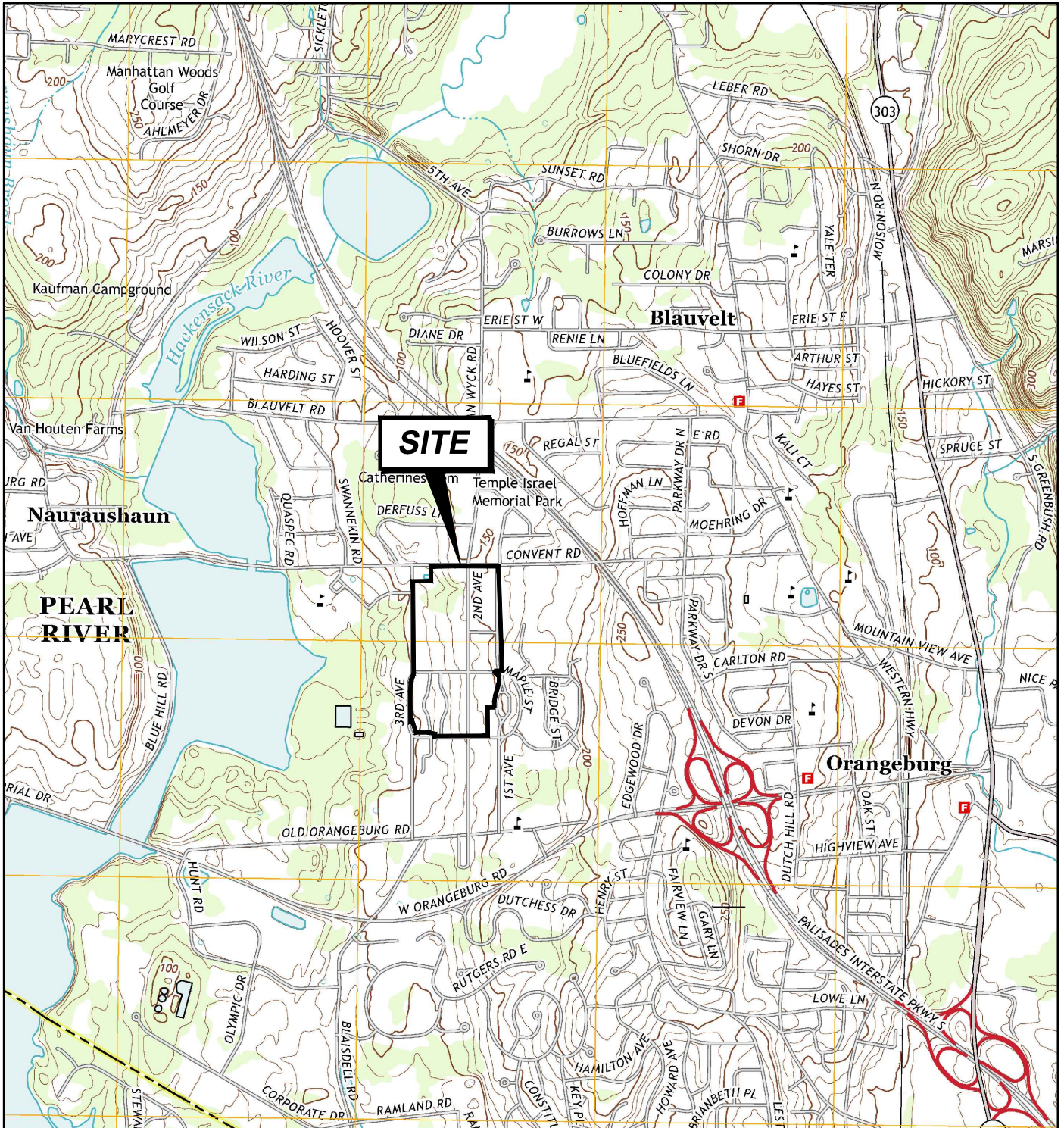
NI - Not Igniteable.

ND - Not detected above the method detection limit

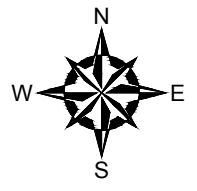
## **FIGURES**



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**SOURCE:**  
 USGS TOPOGRAPHIC MAP: NYACK, NY-NJ (2013).  
 CONTOUR INTERVAL 10 FT., NAVD-1988, ORIGINAL  
 SCALE 1:24,000 (1" = 2,000 FT.).



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65 THIRD AVENUE  
 ORANGETOWN, NEW YORK

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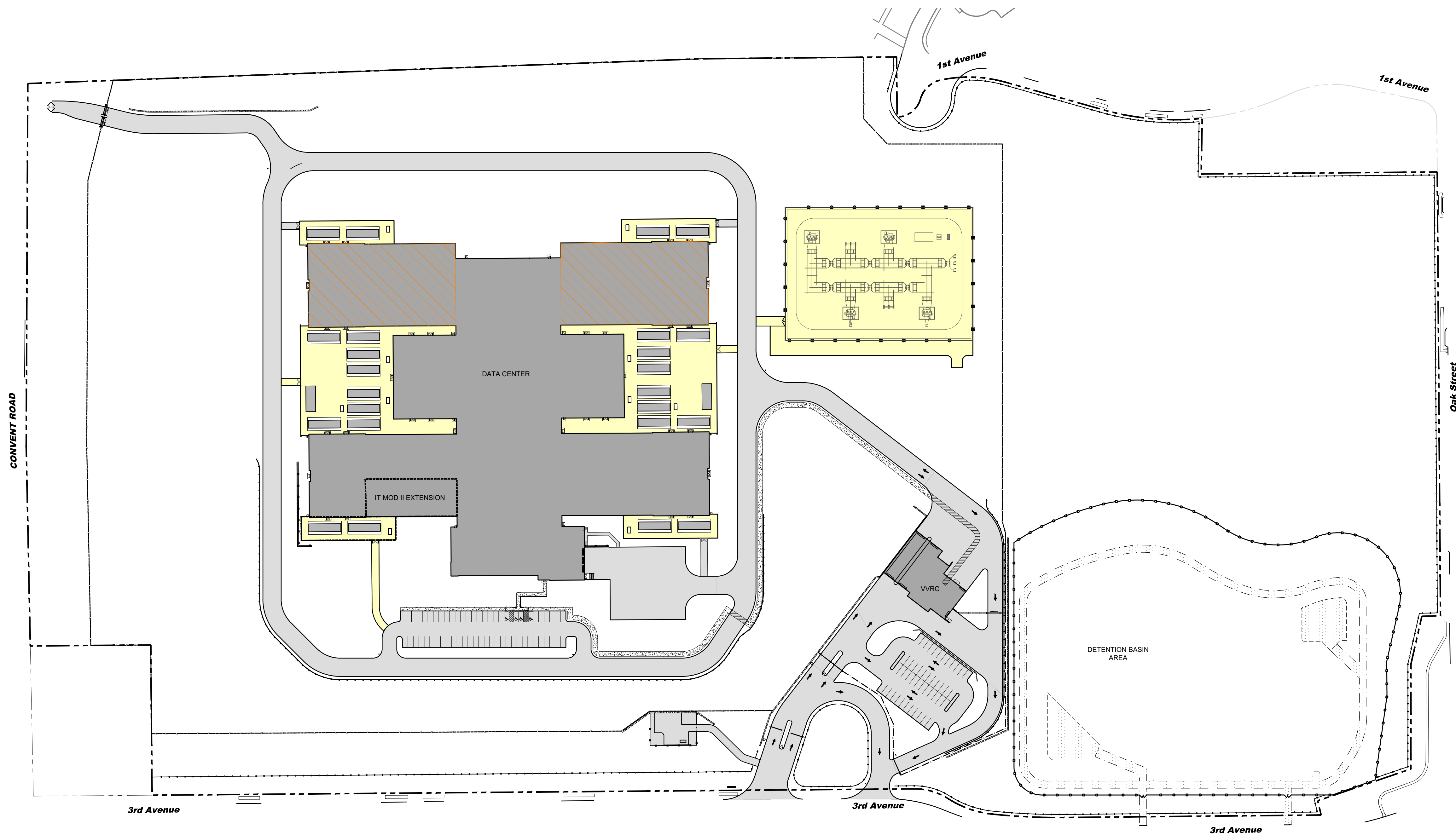
PREPARED FOR:  
 JP MORGAN CHASE BANK, NA

**SITE LOCATION MAP**

PROJ MGR: MS	REVIEWED BY: ZS	CHECKED BY: ZS
DESIGNED BY: ZS	DRAWN BY: MT	SCALE: 1" = 2,000'
DATE: MAY 2021	PROJECT NO. 12.0076555.03	REVISION NO.

**FIGURE 1**  
 SHEET NO.

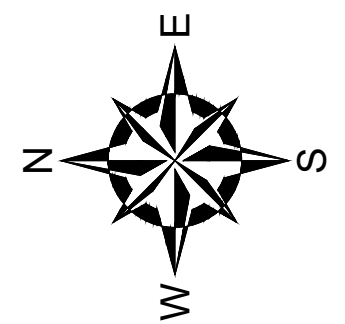




- LEGEND:**
- SITE BOUNDARY
  - - - SITE FENCING
  - SITE BUILDINGS
  - PAVED AREAS
  - GRAVEL AREAS
  - - - IT MOD II EXTENSION WORK AREA
  - ▨ AREA TO BE CONSTRUCTED
  - BASIN ROADWAY
  - SIDEWALK
  - ▬ GUARD RAIL

**NOTES:**

1. THE BASE MAP WAS DEVELOPED FROM A PLAN PROVIDED BY CH2M, ENTITLED "OVERALL UTILITY PLAN," DATED 4/20/2017, ORIGINAL SCALE 1" = 120', DRAWING NUMBER C300.



0 50' 100' 200' 300'  
SCALE IN FEET 1" = 100'

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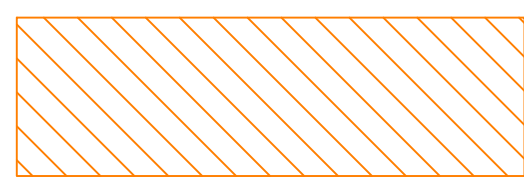


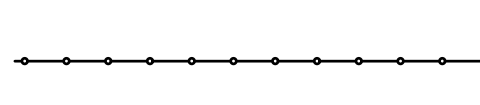

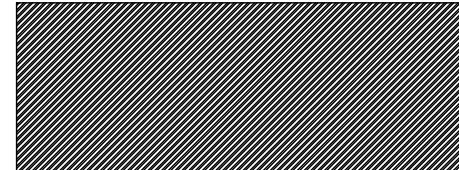
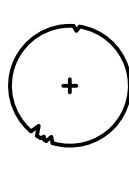

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ORANGEBURG, NEW YORK

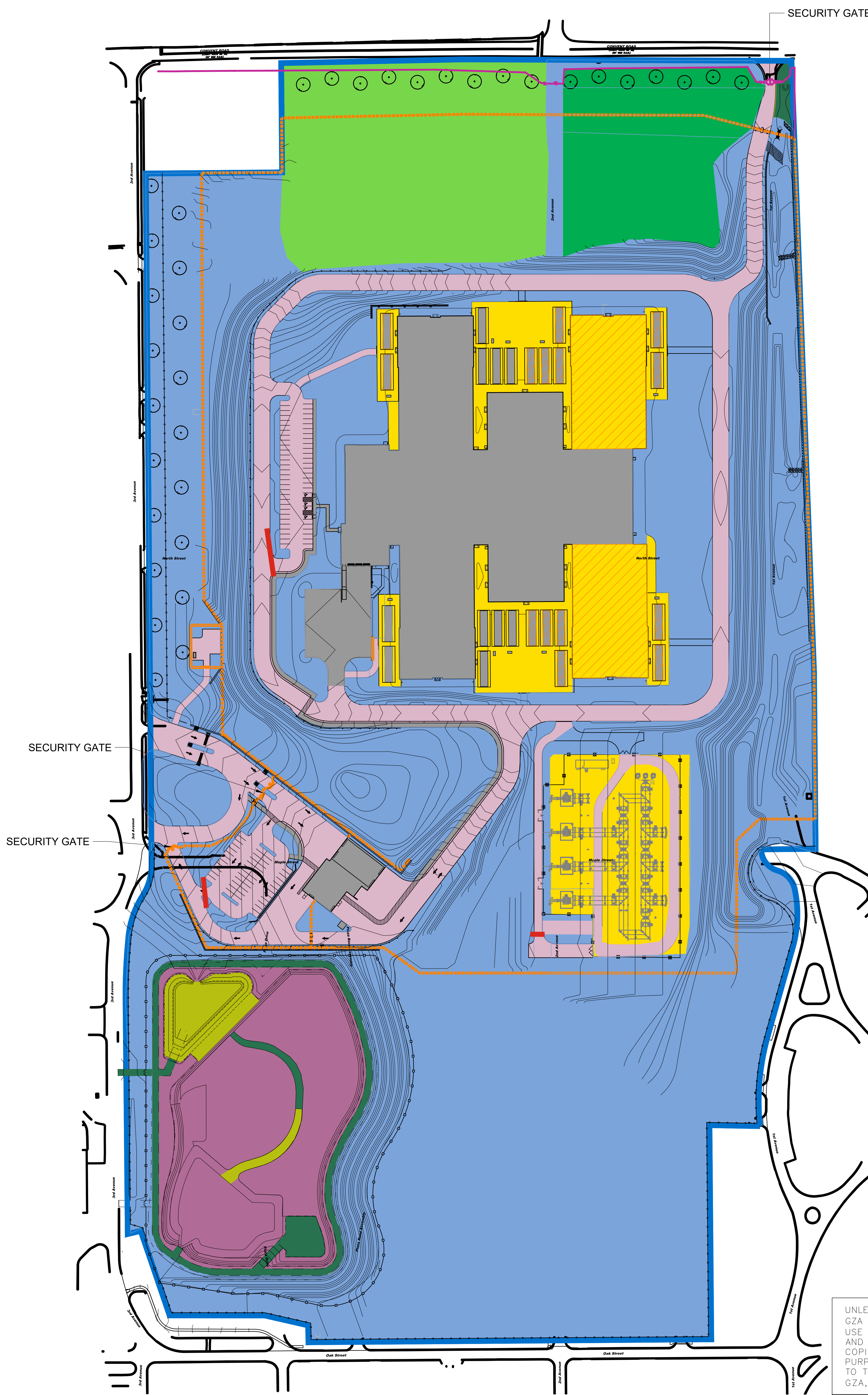
**SITE PLAN**

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: JP MORGAN CHASE AND COMPANY	
PROJ MGR: MS	DESIGNED BY: DW	REVIEWED BY: DW	CHECKED BY: LD
DATE: MAY 2021	DRAWN BY: LN	PROJECT NO.: 12.0076555.04	SCALE: 1" = 100'
			REVISION NO. <b>2</b>
			SHEET NO.



# LEGEND


-  CONCRETE COVER SYSTEM
-  1 FOOT CLEAN FILL COVER SYSTEM
-  1 FOOT CLEAN STONE COVER SYSTEM
-  ASPHALT
-  1 FOOT OF GRAVEL OVER 1 FOOT CLEAN FILL COVER SYSTEM
-  6 INCHES OF 3-INCH STONE OVER AT LEAST 6 INCHES OF CLEAN FILL
-  6 INCHES OF 3-INCH STONE OVER 6 INCHES OF CLAY
-  6 INCHES OF TOPSOIL OVER 6 INCHES OF CLAY
-  AREA WHERE COVER SYSTEM IS NOT REQUIRED PER NYSDEC APPROVED RAWP
-  AREA TO BE CONSTRUCTED
-  SITE SECURITY FENCE AND GATES
-  CONVENT ROAD FENCE AND GATES
-  GUARD RAIL
-  SITE BOUNDARY
-  EXCAVATED AREAS
-  TREE
-  EXCAVATIONS INTO THE CAP FOR FRENCH DRAIN INSTALLATION

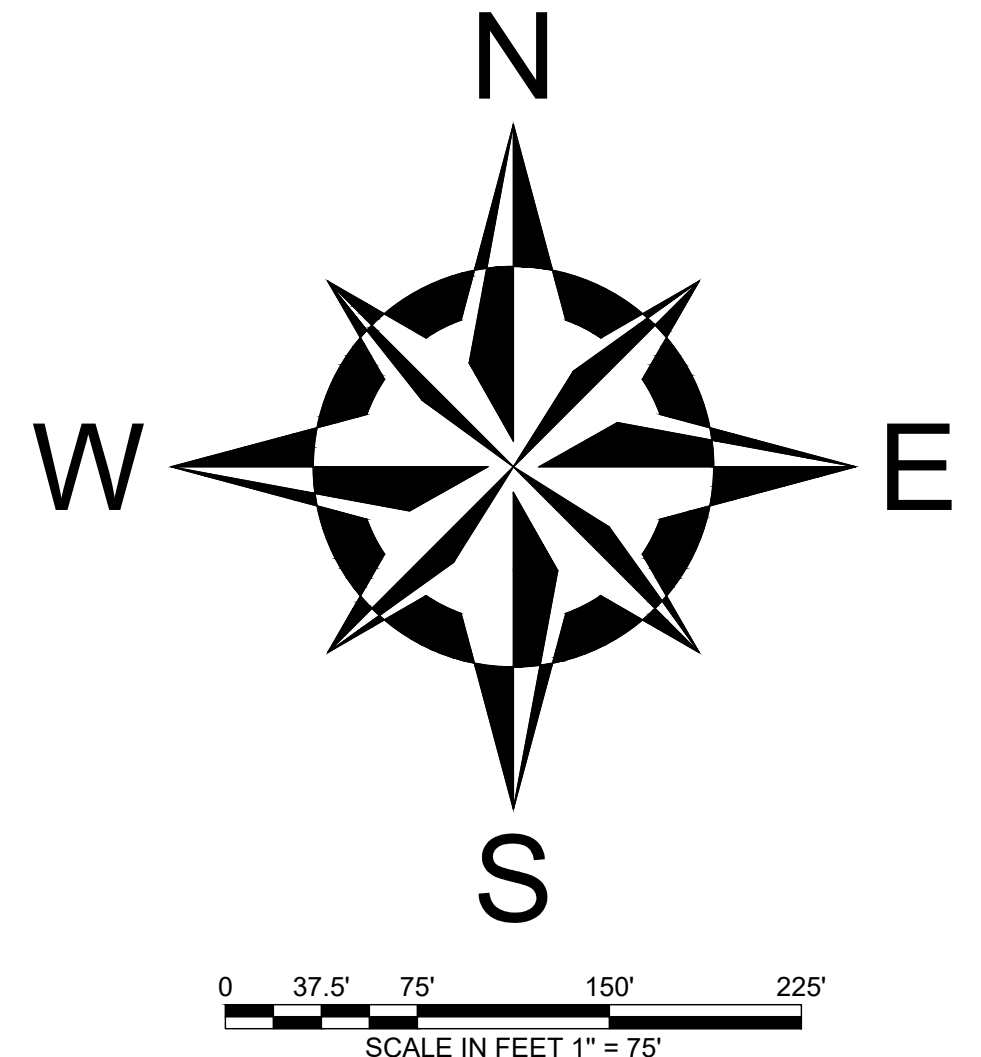


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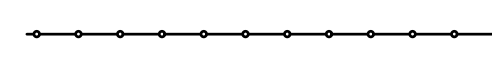
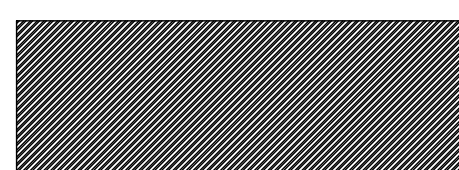
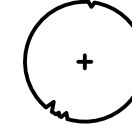
## EXTENT OF EXCAVATION MAP

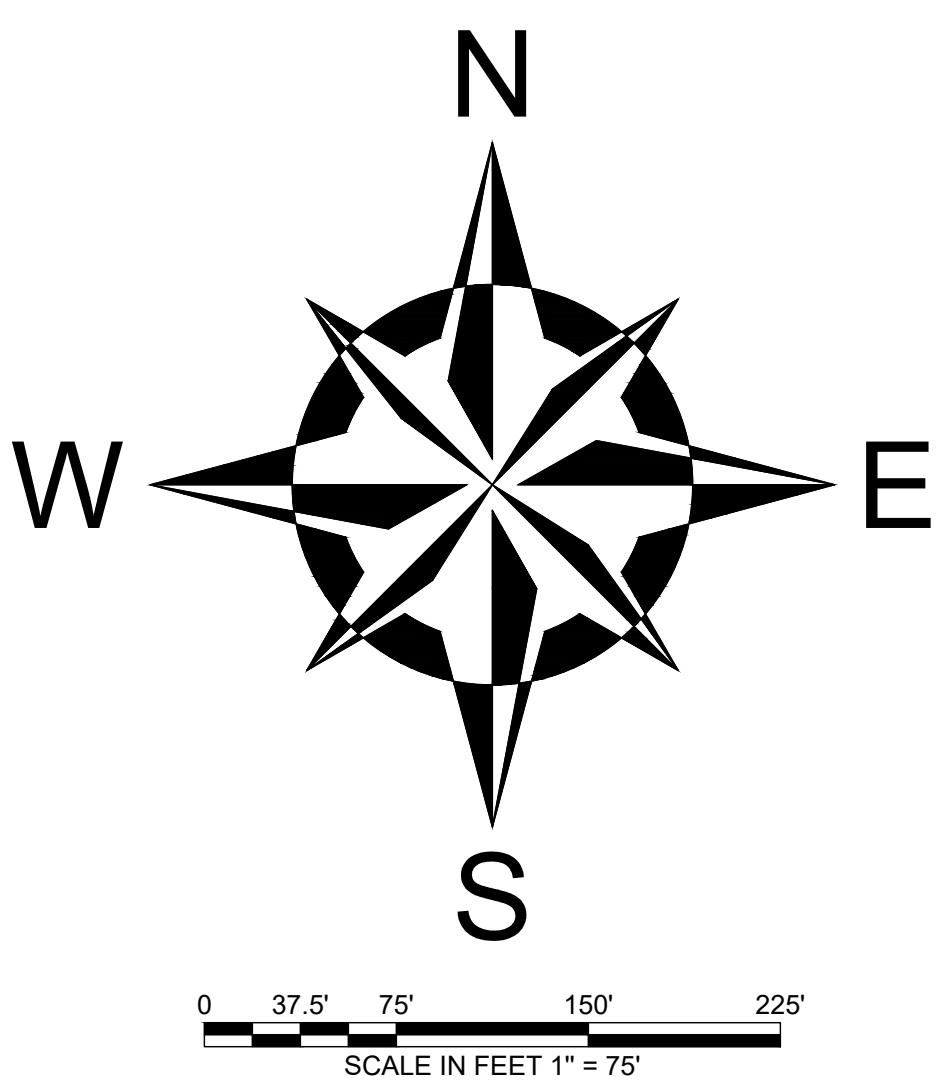
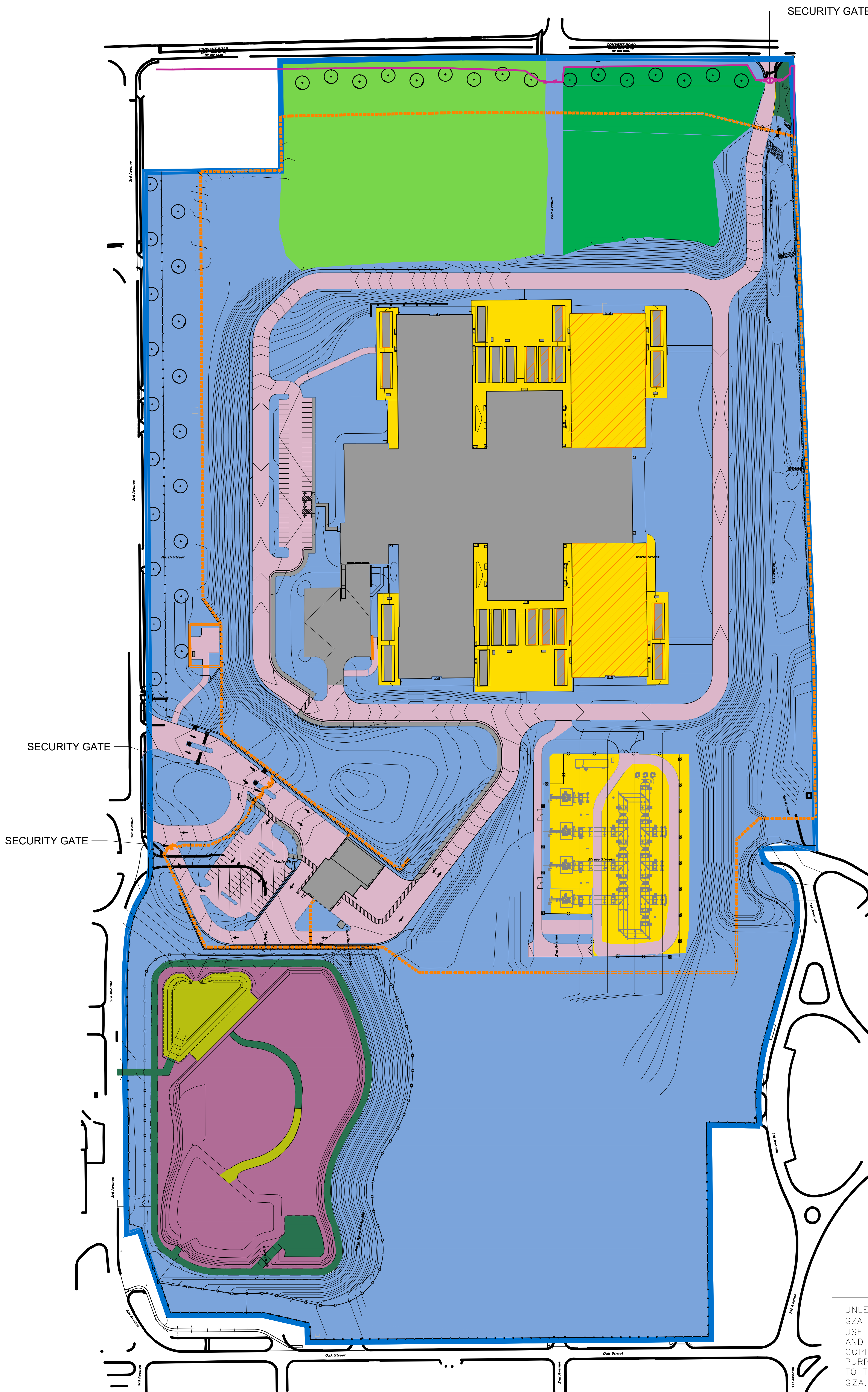
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PROJ MGR: LN	REVIEWED BY: DW	CHECKED BY: EH	FIGURE <b>3</b>
DESIGNED BY: DW	DRAWN BY: LN	SCALE: 1" = 75'	
DATE: APRIL 2022	PROJECT NO. 12.0077059.00	REVISION NO.	
			SHEET NO.





# LEGEND


-  CONCRETE COVER SYSTEM
-  1 FOOT CLEAN FILL COVER SYSTEM
-  1 FOOT CLEAN STONE COVER SYSTEM
-  ASPHALT
-  1 FOOT OF GRAVEL OVER 1 FOOT CLEAN FILL COVER SYSTEM
-  6 INCHES OF 3-INCH STONE OVER AT LEAST 6 INCHES OF CLEAN FILL
-  6 INCHES OF 3-INCH STONE OVER 6 INCHES OF CLAY
-  6 INCHES OF TOPSOIL OVER 6 INCHES OF CLAY
-  AREA WHERE COVER SYSTEM IS NOT REQUIRED PER NYSDEC APPROVED RAWP
-  AREA TO BE CONSTRUCTED
-  SITE SECURITY FENCE AND GATES
-  CONVENT ROAD FENCE AND GATES
-  GUARD RAIL
-  SITE BOUNDARY
-  EXCAVATED AREAS
-  TREE



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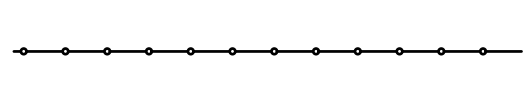


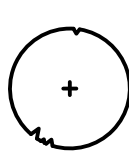
## SITE COVER SYSTEM

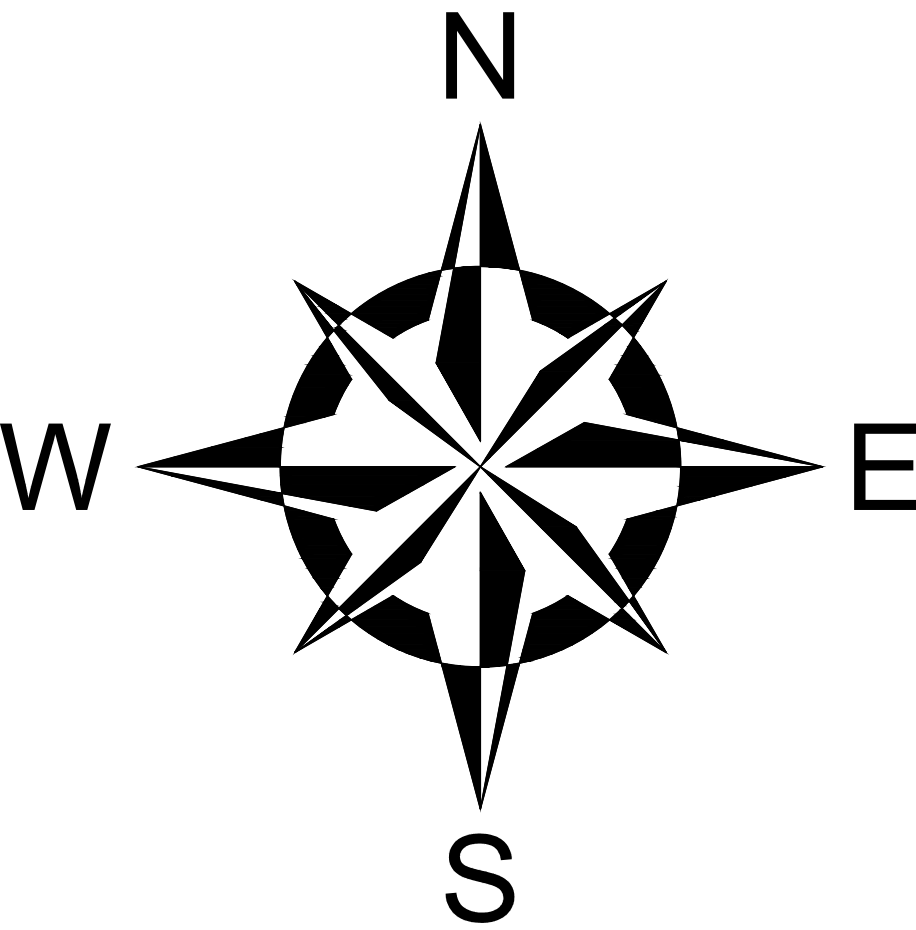
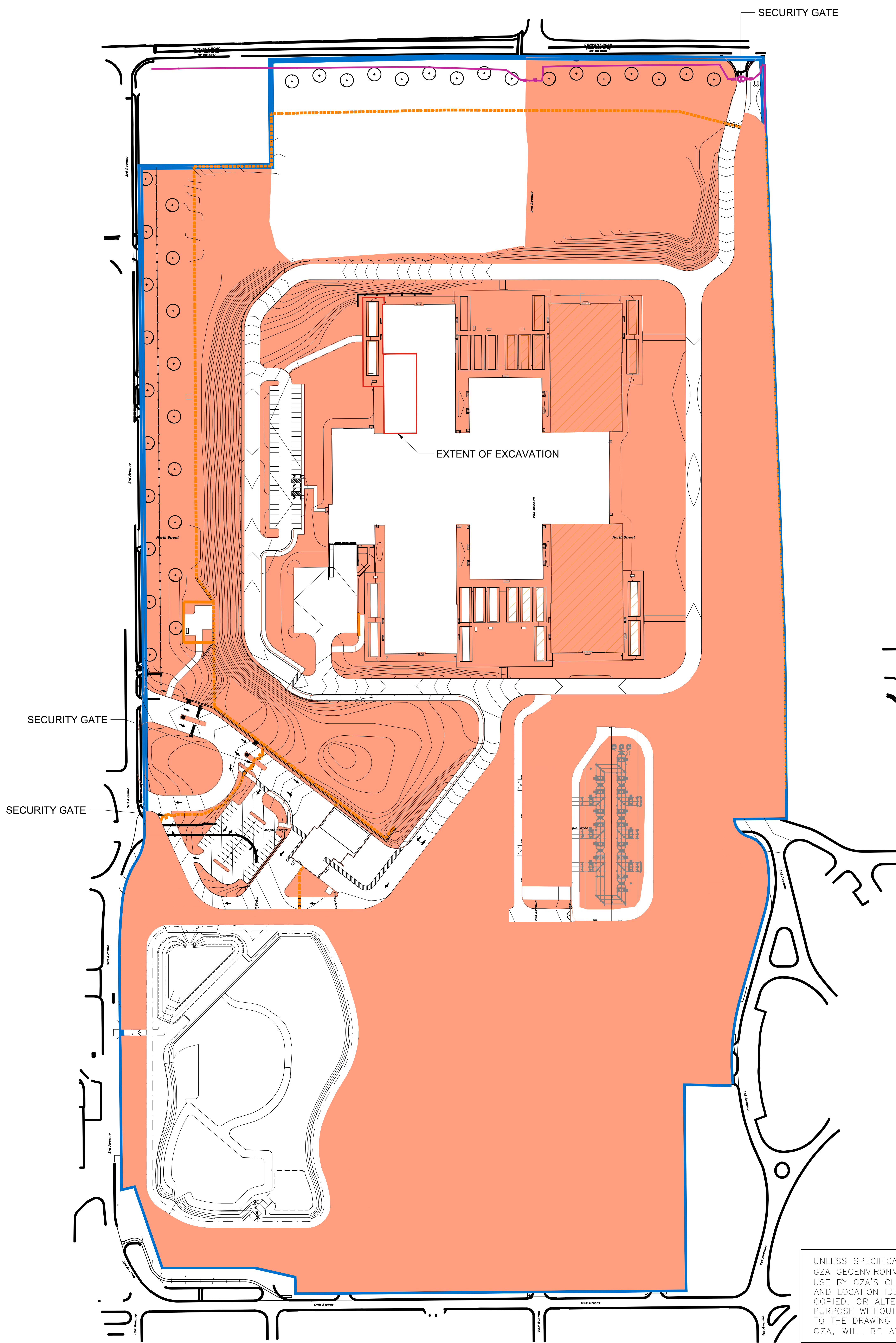
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PROJ MGR: LN	REVIEWED BY: DW	CHECKED BY: EH	FIGURE <b>4</b>
DESIGNED BY: DW	DRAWN BY: LN	SCALE: 1" = 75'	
DATE: APRIL 2022	PROJECT NO.: 12.0077059.00	REVISION NO.:	
			SHEET NO.

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# LEGEND

-  DEMARCATION LAYER
-  AREA TO BE CONSTRUCTED
-  SITE SECURITY FENCE AND GATES
-  CONVENT ROAD FENCE AND GATES
-  GUIDE RAIL
-  SITE BOUNDARY
-  EXTENT OF EXCAVATION
-  TREE




0 37.5' 75' 150' 225'  
SCALE IN FEET 1" = 75'



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ORANGEBURG, NEW YORK

## DEMARCATIION LAYER MAP

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PROJ MGR: DW	REVIEWED BY: MF	CHECKED BY: MF	FIGURE <b>5</b> SHEET NO.
DESIGNED BY: BP	DRAWN BY: LN	SCALE: 1" = 75'	
DATE: MAY 2021	PROJECT NO. 12.0076555.04	REVISION NO.	

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## **APPENDICES**



**PROPERTY AND ENVIRONMENTAL EASEMENT LEGAL DESCRIPTION**

- ALL THAT CERTAIN TRACT OR PARCEL OF LAND LOCATED ON CONVENT ROAD (AKA COUNTY ROUTE 26), 50' WIDE RIGHT OF WAY, SITUATE IN THE TOWN OF ORANGETOWN, THE COUNTY OF ROCKLAND, AND STATE OF NEW YORK, BOUNDED AND DESCRIBED AS FOLLOWS:
- COMMENCING AT A POINT IN THE SOUTHERLY RIGHT-OF-WAY LINE OF CONVENT ROAD (50' WIDE RIGHT-OF-WAY), WHERE THE SAME IS INTERSECTED BY THE EASTERLY LINE OF BLOCK 1 LOT 4 AND FROM SAID BEGINNING POINT AND IN THE SAME BEARING SYSTEM RUNNING, THENCE, COINCIDENT WITH THE AFORESAID SOUTHERLY LINE OF CONVENT ROAD:
1. ALONG A BEARING OF NORTH 88 DEGREES 49 MINUTES 54 SECONDS EAST A DISTANCE OF 330.00 FEET TO A POINT;
  2. THENCE ALONG A BEARING OF SOUTH 89 DEGREES 44 MINUTES 51 SECONDS EAST A DISTANCE OF 598.89 FEET TO A POINT;
  3. THENCE ALONG A BEARING OF SOUTH 02 DEGREES 06 MINUTES 23 SECONDS EAST A DISTANCE OF 1115.47 FEET TO A POINT;
  4. THENCE ALONG A BEARING OF SOUTH 00 DEGREES 31 MINUTES 53 SECONDS EAST A DISTANCE OF 320.70 FEET TO A POINT;
  5. THENCE ALONG A BEARING OF SOUTH 89 DEGREES 28 MINUTES 32 SECONDS WEST A DISTANCE OF 89.13 FEET TO A POINT;
  6. THENCE ALONG A NON-TANGENTIAL CURVE TO THE LEFT WITH A RADIUS OF 40.35 FEET, SOUTHERLY, AN ARC LENGTH OF 51.83 FEET, SAID CURVE HAVING A CHORD BEARING AND DISTANCE OF SOUTH 37 DEGREES 19 MINUTES 40 SECONDS EAST, 45.34 FEET TO A POINT;
  7. THENCE ALONG A REVERSE CURVE TO THE RIGHT WITH A RADIUS OF 45.00 FEET, SOUTHERLY, AN ARC LENGTH OF 48.76 FEET, SAID CURVE HAVING A CHORD BEARING AND DISTANCE OF SOUTH 43 DEGREES 05 MINUTES 04 SECONDS EAST, 46.41 FEET TO A POINT;
  8. THENCE ALONG A COMPOUND CURVE TO THE RIGHT WITH A RADIUS OF 220.81 FEET, SOUTHERLY, AN ARC LENGTH OF 107.18 FEET, SAID CURVE HAVING A CHORD BEARING AND DISTANCE OF SOUTH 01 DEGREES 50 MINUTES 24 SECONDS WEST, 106.11 FEET TO A POINT;
  9. THENCE ALONG A BEARING OF SOUTH 15 DEGREES 47 MINUTES 20 SECONDS WEST A DISTANCE OF 167.48 FEET TO A POINT;
  10. THENCE ALONG A CURVE TO THE LEFT WITH A RADIUS OF 441.01 FEET, SOUTHERLY, AN ARC LENGTH OF 166.13 FEET, SAID CURVE HAVING A CHORD BEARING AND DISTANCE OF SOUTH 04 DEGREES 59 MINUTES 42 SECONDS WEST, 166.13 FEET TO A POINT;
  11. THENCE ALONG A BEARING OF NORTH 88 DEGREES 45 MINUTES 20 SECONDS WEST A DISTANCE OF 91.94 FEET TO A POINT;
  12. THENCE ALONG A BEARING OF SOUTH 00 DEGREES 29 MINUTES 30 SECONDS EAST A DISTANCE OF 30.06 FEET TO A POINT;
  13. THENCE ALONG A BEARING OF SOUTH 89 DEGREES 34 MINUTES 53 SECONDS WEST A DISTANCE OF 233.72 FEET TO A POINT;

14. THENCE ALONG A BEARING OF NORTH 01 DEGREES 21 MINUTES 50 SECONDS WEST A DISTANCE OF 30.82 FEET TO A POINT;
15. THENCE ALONG A BEARING OF NORTH 77 DEGREES 11 MINUTES 05 SECONDS WEST A DISTANCE OF 81.21 FEET TO A POINT;
16. THENCE ALONG A BEARING OF NORTH 88 DEGREES 58 MINUTES 48 SECONDS WEST A DISTANCE OF 173.11 FEET TO A POINT;
17. THENCE ALONG A BEARING OF NORTH 18 DEGREES 51 MINUTES 35 SECONDS WEST A DISTANCE OF 162.68 FEET TO A POINT;
18. THENCE ALONG A BEARING OF SOUTH 76 DEGREES 33 MINUTES 00 SECONDS WEST A DISTANCE OF 24.31 FEET TO A POINT;
19. THENCE ALONG A BEARING OF SOUTH 02 DEGREES 39 MINUTES 17 SECONDS EAST, 117.85 FEET TO A POINT;
20. THENCE ALONG A CURVE TO THE RIGHT WITH A RADIUS OF 1055.63 FEET, NORTHERLY, AN ARC LENGTH OF 117.91 FEET, SAID CURVE HAVING A CHORD BEARING AND DISTANCE OF NORTH 02 DEGREES 39 MINUTES 17 SECONDS EAST, 117.85 FEET TO A POINT;
21. THENCE ALONG A COMPOUND CURVE TO THE RIGHT WITH A RADIUS OF 186.00 FEET, NORTHERLY, AN ARC LENGTH OF 78.76 FEET, SAID CURVE HAVING A CHORD BEARING AND DISTANCE OF NORTH 19 DEGREES 17 MINUTES 09 SECONDS EAST, 78.04 FEET TO A POINT;
22. THENCE ALONG A REVERSE CURVE TO THE LEFT WITH A RADIUS OF 101.52 FEET, NORTHERLY, AN ARC LENGTH OF 58.81 FEET, SAID CURVE HAVING A CHORD BEARING AND DISTANCE OF NORTH 16 DEGREES 07 MINUTES 08 SECONDS EAST, 57.86 FEET TO A POINT;
23. THENCE ALONG A BEARING OF NORTH 00 DEGREES 26 MINUTES 38 SECONDS WEST A DISTANCE OF 1259.56 FEET TO A POINT;
24. THENCE ALONG A BEARING OF NORTH 89 DEGREES 31 MINUTES 22 SECONDS EAST A DISTANCE OF 248.34 FEET TO A POINT;
25. THENCE ALONG A BEARING OF NORTH 00 DEGREES 28 MINUTES 38 SECONDS WEST A DISTANCE OF 199.09 FEET TO THE POINT AND PLACE OF BEGINNING.

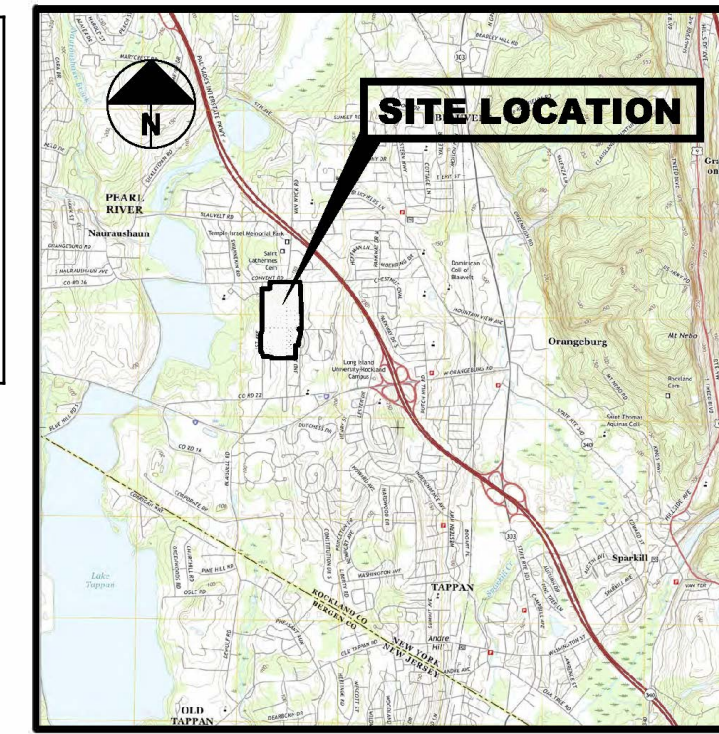
SAID ABOVE DESCRIBED TRACT OR PARCEL OF LAND, CONTAINING WITHIN SAID DESCRIBED BOUNDS 2,655,443+ SQUARE FEET, 60,961+ ACRES OF LAND (MORE OR LESS).

**SURVEY NOTES:**

1. THIS SURVEY WAS PREPARED IN ACCORDANCE WITH A "PRO FORM" TITLE REPORT PERFORMED BY FIDELITY NATIONAL TITLE INSURANCE COMPANY, TITLE NO. 17-7408-4056-ROCK, EFFECTIVE "DATE OF CLOSING" AND IS SUBJECT TO THE FOLLOWING EXCEPTIONS CONTAINED THEREIN.
2. THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE FOLLOWING SOURCES OF INFORMATION:
  - A - DEEDS OF RECORD
  - B - AN ACTUAL FIELD SURVEY PERFORMED BY SPARTAN ENGINEERING / LAND SURVEYING P.C. AS OF APRIL, 2019.
  - C - THE "NATIONAL FLOOD INSURANCE PROGRAM, FIRM, FLOOD INSURANCE RATE MAP, TOWN OF ORANGETOWN, NEW YORK, ROCKLAND COUNTY, PANEL 186 OF 207, COMMUNITY NUMBER 30069, MAP NUMBER 3007021860, EFFECTIVE DATE, MARCH 3, 2014, PARCEL IS LOCATED IN SPECIAL FLOOD HAZARD ZONE, OTHER AREAS AREAS DETERMINED TO BE OUTSIDE THE 1% ANNUAL CHANCE FLOODPLAIN.
  - D - PLAN TITLED, "PROPOSED EASEMENTS PREPARED FOR THE PEOPLE OF THE STATE OF NEW YORK, ROCKLAND AND PSYCHIATRIC CENTER," PREPARED BY C. J. MALE ASSOCIATES, P.C., DWS, NO. 02-014, PROJ. NO. 02-0066, DATED: NOV. 13, 2002.
  - E - PLAN TITLED, "MAP OF LANDS OF THE PEOPLE OF THE STATE OF NEW YORK, ACTING BY AND THROUGH THE DOMINION AUTHORITY OF THE STATE OF NEW YORK, ROCKLAND PSYCHIATRIC CENTER," LAST REVISED: JAN. 8, 2003, FILED: JAN. 14, 2003.
  - F - SITE PLAN TITLED, "DISTRIBUTION DUCTBANK PROJECT SYCAMORE DATA CENTER," PROVIDED BY DEWBERRY ENGINEERS, DATED 04/30/18.
  - G - SITE PLANS TITLED "138KV OAK STREET SUBSTATION FOUNDATION PLAN PROVIDED BY ORANGE AND ROCKLAND UTILITIES, INC., DRAWING NO. (NF-068), DATED OCTOBER 26, 2018, LAST REVISED DECEMBER 13, 2018.
  - H - PLAN TITLED, "AT TANSIPS LAND TITLE SURVEY FOR ROCKLAND AND PSYCHIATRIC CENTER" BY SPARTAN ENGINEERING / LAND SURVEYING P.C., DATED 07/27/2017, LAST REVISED 08/18/2018.
  - I - PLAN TITLED, "PLANIMETRIC & TOPOGRAPHIC UTILITIES SHOWN ARE TAKEN FROM AN ACTUAL FIELD SURVEY PERFORMED BY SPARTAN ENGINEERING / LAND SURVEYING P.C. IN FEBRUARY, 2019.
  - J - THIS SURVEY IS NOT INTENDED TO GUARANTEE OWNERSHIP.
  - K - SURVEY BASED ON NAD 83 (2011).
  - L - SURVEY SCALED TO GROUND AT POINT 1004.
  - M - GROUND SCALE FACTOR: 1.000071949.
  - N - GROUND COORDINATES: NAD83(2011) 1898 E: 837922.753 2: 134.503 VERTICAL DATUM: NAVD 83.
3. IT IS BEYOND THE SCOPE OF THIS SURVEY TO DETERMINE THE EXISTENCE OR NON-EXISTENCE OF ANY REGULATED ENVIRONMENTAL CONDITION ON OR NEAR THE SUBJECT PARCEL. UNDERGROUND EXPLORATIONS WERE NOT CONDUCTED OR UTILIZED DURING THE PREPARATION OF THIS SURVEY. CONCERNED PARTIES SHOULD PURSUE ANY ENVIRONMENTAL MATTERS SEPARATE AND APART FROM THIS SURVEY.
4. IT SHOULD NOT BE ASSUMED THAT ANY COPY OF THIS DRAWING WITHOUT A RAISED IMPRESSION OF THE SURVEYOR'S SEAL IS A TRUE COPY OF THE ORIGINAL AS ISSUED BY THE SURVEYOR.
5. THE LOCATION OF UNDERGROUND UTILITIES ARE APPROXIMATE. ALL LOCATIONS ILLUSTRATED ARE BASED UPON UTILITY HANDOUT AND ABOVE GROUND STRUCTURES THAT WERE VISIBLE & ACCESSIBLE IN THE FIELD. THE STATE OF NEW YORK REQUIRES NOTIFICATION PRIOR TO ANY EXCAVATION BY UTILIZING THE NEW YORK ONE-CALL SYSTEM, DIAL 811.
6. THE WORD CERTIFIED (CERTIFY) IN THE CONTEXT OF THE CERTIFICATION ON THIS PLAN SHALL BE DEFINED AS A RENDERING OF A PROFESSIONAL OPINION BASED ON THE FACTS AND INFORMATION AVAILABLE TO THE SIGNATORY AT THE TIME OF MAKING THIS SURVEY.

**ENVIRONMENTAL EASEMENT NOTE:**

THIS PROPERTY IS SUBJECT TO AN ENVIRONMENTAL EASEMENT HELD BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION PURSUANT TO TITLE 36 OF ARTICLE 71 OF THE NEW YORK ENVIRONMENTAL CONSERVATION LAW. THE ENGINEERING AND INSTITUTIONAL CONTROLS FOR THE EASEMENT ARE SET FORTH IN THE SITE MANAGEMENT PLAN (SMP). A COPY OF THE SMP MUST BE OBTAINED BY ANY PARTY WITH AN INTEREST IN THE PROPERTY. THE SMP CAN BE OBTAINED FROM NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION, DIVISION OF ENVIRONMENTAL REMEDIATION, SITE CONTROL SECTION, 625 BROADWAY, ALBANY NY 12233 OR AT DERWEB@DEC.NY.GOV.



LOCATION MAP SCALE N.T.S.

N.Y.S.P.C.S. (EAST)  
NAD-83 (2011)

**OUTBOUND LINE TABLE**

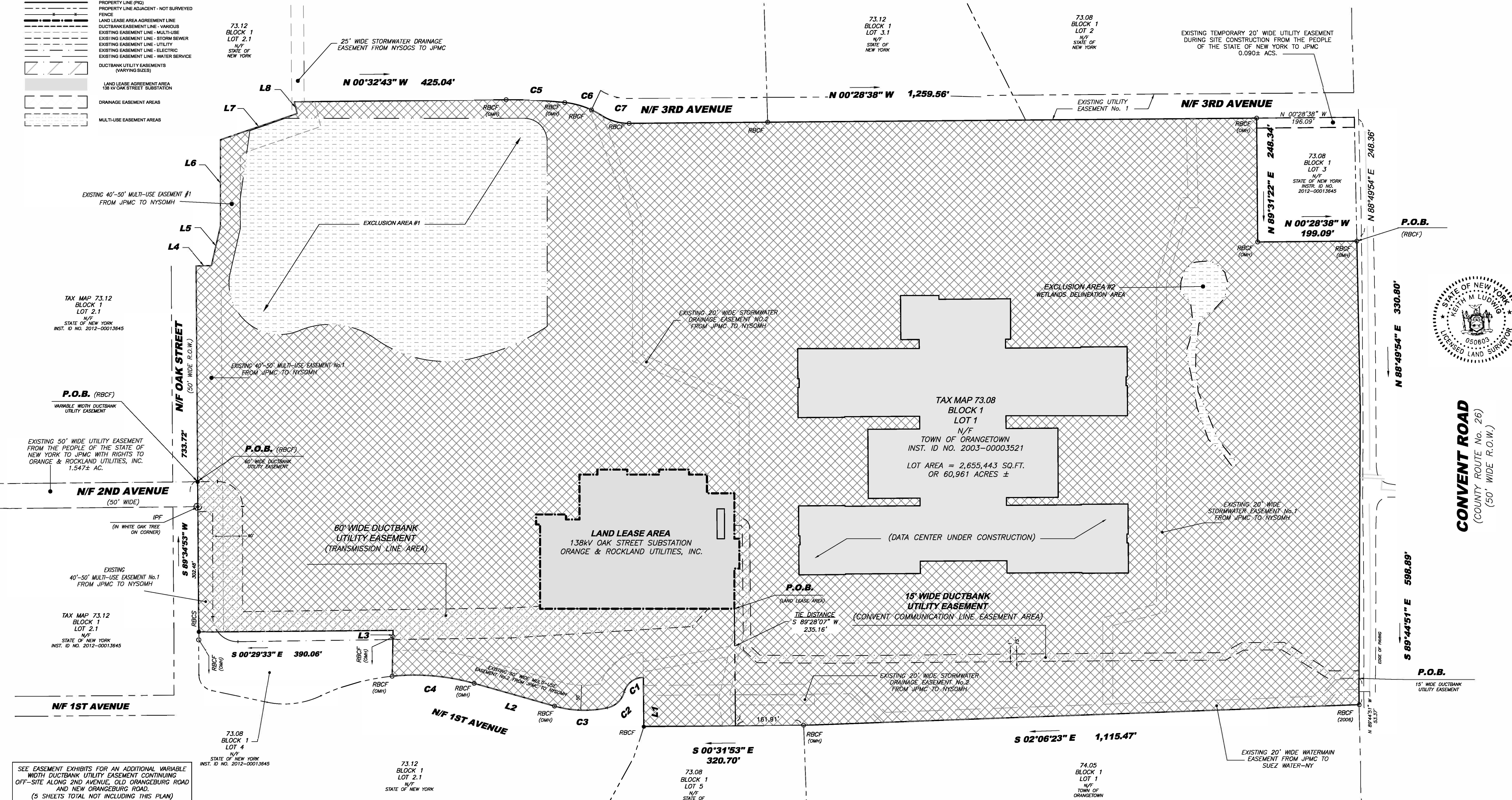
No.	RADIUS	ARC LENGTH	CHORD BRG.	CHORD LENGTH
C1	R=40.35	A=51.83	CB=S 37°19'40" E	CD=45.34
C2	R=45.00	A=48.76	CB=S 43°05'04" E	CD=46.41
C3	R=220.81	A=107.18	CB=N 01°50'24" E	CD=106.11
C4	R=441.01	A=166.13	CB=S 04°59'42" W	CD=166.13
C5	R=1055.63	A=117.91	CB=N 02°39'17" E	CD=117.85
C6	R=186.00	A=78.76	CB=N 19°17'09" E	CD=78.04
C7	R=101.52	A=58.81	CB=S 16°07'08" W	CD=57.86

**OUTBOUND LINE TABLE**

No.	BEARING	DISTANCE
L1	S 89°28'07" W	99.15'
L2	S 15°47'20" W	167.48'
L3	N 89°58'50" W	61.94'
L4	N 01°21'50" W	61.21'
L5	N 77°11'09" W	30.02'
L6	N 89°58'48" W	173.11'
L7	N 18°57'30" W	162.68'
L8	S 78°32'07" W	24.31'

**LEGEND:**

- THESE STANDARD ABBREVIATIONS, ACRONYMS, HATCHES, LINETYPES AND SYMBOLS WILL BE FOUND IN THE DRAWING:
- RBCF - REBAR WITH CAP FOUND
  - PROPR. LINE ADJACENT - NOT SURVEYED
  - FENCE
  - LAND LEASE AREA AGREEMENT LINE
  - DUCTBANK EASEMENT LINE - VARIOUS
  - EXISTING EASEMENT LINE - MULTI-USE
  - EXISTING EASEMENT LINE - STORM SEWER
  - EXISTING EASEMENT LINE - UTILITY
  - EXISTING EASEMENT LINE - ELECTRIC
  - EXISTING EASEMENT LINE - WATER SERVICE
  - DUCTBANK UTILITY EASEMENTS (VARYING SIZES)
  - LAND LEASE AGREEMENT AREA 138KV OAK STREET SUBSTATION
  - DRAINAGE EASEMENT AREAS
  - MULTI-USE EASEMENT AREAS



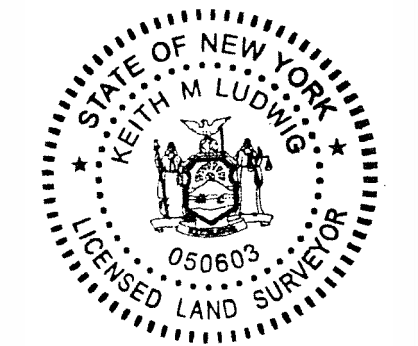
**Spartan**  
SPARTAN ENGINEERING / LAND SURVEYING P.C.  
132 WEST 31st STREET, SUITE 301  
NEW YORK, NY 10001-5406  
PHONE: (646) 760-0269 FAX: (646) 571-0269  
NY CERT. OF AUTH. 0011181

**ENVIRONMENTAL EASEMENT SURVEY OF PROPERTY**  
ROCKLAND PSYCHIATRIC CENTER  
SECTION 73.08, BLOCK 1, LOT 1  
CONVENT ROAD  
TOWN OF ORANGETOWN, COUNTY OF ROCKLAND  
STATE OF NEW YORK

CERTIFIED TO:  
1. JPMorgan Chase Bank, National Association, its successors and/or assigns, as their interest may appear  
2. Fidelity National Title Insurance Company  
3. County of Rockland Industrial Development Agency, its successors and/or assigns, as their interest may appear

THIS IS TO CERTIFY THAT THIS SURVEY WAS MADE UNDER MY DIRECT SUPERVISION. FIELD WORK WAS COMPLETED ON 12/26/2019.

UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.



KEITH M. LUDWIG  
NY PROFESSIONAL LAND SURVEYOR  
NO. - 050603

SCALE: 1" = 100 FT. (IN FEET)  
SCALE: 1" = 20M (IN METERS)

REVISIONS

NO.	DATE	DESCRIPTION

DRAWN BY: PAC  
REVIEWED / QA BY: LWT / RWT  
APPROVED BY: KML  
DATE: 12/26/2019

TITLE: ENVIRONMENTAL EASEMENT SURVEY  
FOR: ORANGE AND ROCKLAND UTILITIES, INC. 138KV OAK STREET SUBSTATION  
TAX LOT SECTION 73.08, BLOCK 1, LOT 1  
TOWN OF ORANGETOWN, COUNTY OF ROCKLAND, STATE OF NEW YORK  
PROJECT NO. 50107949





**SEWALL**  
 JAMES W. SEWALL COMPANY / Since 1880  
 Digital Map Converted from Intergraph to AutoCAD Sept. 1993  
 Digital Map Converted from NAD 27 to NAD 83 Sept. 2000  
 Digital Map Converted from AutoCAD to ESRI GDB Oct. 2004

MAP REVISIONS			
DATE	MADE BY	REVISIONS	
2001	SFN	DELE. BL. 1, PCLS 2 & 3	

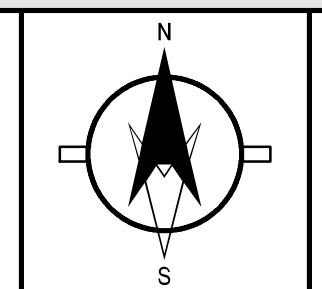
SCHOOL AND SPECIAL DISTRICTS			
DATE	MADE BY	REVISIONS	
		SCHOOL PEARL RIV UFSD 302408	
		FIRE ORANGERS FD002	
		WATER STEARNS RIV NY 1003	
		LIBRARY NANUET	
		AMB. SD ORANGTWN AM001	

COUNTY OF ROCKLAND	
AMBULANCE DIST.	—▲—
FIRE DIST.	—■—
SEWER DIST.	—□—
WATER DIST.	—○—
SCHOOL DIST.	—◇—
REFUSE DIST.	—△—
LIBRARY DIST.	—◇—
LIGHTING DIST.	—◇—

LEGEND	
HISTORIC SUBDIV. LINE	— - - - -
SENIORS COMMON OWNER	—●—
COUNTY LINE	—+—
STATE LINE	—+—
TOWN LINE	—+—
VILLAGE LINE	—+—
TAX MAP PARCEL NO.	—+—
COORD. VALUES (40-10-19-44)	—+—

TAX MAP BLOCK NUMBER	69.19	69.20	70.17
REPLICATED DIMENSION	73.07	74.05	
DEED ACIRAGE	73.11	73.12	74.09

**REVISED THROUGH**  
**FEBRUARY 28, 2019**  
 This map was prepared for TAX PURPOSES only and is not to be reproduced or used for surveying or conveying.



TAX MAP  
**TOWN OF ORANGETOWN**  
 ROCKLAND COUNTY, NEW YORK

**LEGAL DESCRIPTION OF PROPERTY OWNED BY JPMORGAN CHASE BANK,  
NATIONAL ASSOCIATION ON CONVENT ROAD IN THE TOWN OF  
ORANGETOWN, NY**

**ALL THAT CERTAIN** tract or parcel of land located on Convent Road (AKA County Route 26), 50' wide Right of Way, situate in the Town of Orangetown, the County of Rockland, and State of New York, bounded and described as follows:

**COMMENCING** at a point in the Southerly Right-of-Way line of Convent Road (50' wide Right-of-Way), where the same is intersected by the Easterly line of Block 1 Lot 3 and from said beginning point and in the same bearing system running; thence, coincident with the aforesaid Southerly line of Convent Road,

1. Along a bearing of North 88 Degrees 49 Minutes 54 Seconds East a distance of 330.80 feet to a point;
2. Thence along a bearing of South 89 Degrees 44 Minutes 51 Seconds East a distance of 598.89 feet to a point;
3. Thence along a bearing of South 02 Degrees 06 Minutes 23 Seconds East a distance of 1115.47 feet to a point;
4. Thence along a bearing of South 00 Degrees 31 Minutes 53 Seconds East a distance of 320.70 feet to a point;
5. Thence along a bearing of South 89 Degrees 28 Minutes 07 Seconds West a distance of 99.13 feet to a point;
6. Thence along a non-tangential curve to the left with a radius of 40.35 feet, Southerly, an arc length of 51.83 feet, (said curve having a chord bearing and distance of South 37 Degrees 19 Minutes 40 Seconds East, 48.34 feet) to a point;
7. Thence along a reverse curve to the right with a radius of 45.00 feet, Southerly, an arc length of 48.76 feet, (said curve having a chord bearing and distance of South 43 Degrees 05 Minutes 04 Seconds East, 46.41 feet) to a point;
8. Thence along a compound curve to the right with a radius of 220.61 feet, Southerly, an arc length of 107.16 feet, (said curve having a chord bearing and distance of South 01 Degrees 52 Minutes 24 Seconds West, 106.11 feet) to a point;
9. Thence along a bearing of South 15 Degrees 47 Minutes 20 Seconds West a distance of 167.48 feet to a point

10. Thence along a curve to the left with a radius of 441.01 feet, Southerly, an arc length of 166.13 feet, (said curve having a chord bearing and distance of South 04 Degrees 59 Minutes 42 Seconds West, 165.15 feet) to a point;
11. Thence along a bearing of North 88 Degrees 55 Minutes 30 Seconds West a distance of 91.94 feet to a point;
12. Thence along a bearing of South 00 Degrees 29 Minutes 33 Seconds East a distance of 390.06 feet to a point;
13. Thence along a bearing of South 89 Degrees 34 Minutes 53 Seconds West a distance of 733.72 feet to a point;
14. Thence along a bearing of North 01 Degrees 21 Minutes 50 Seconds West a distance of 30.82 feet to a point;
15. Thence along a bearing of North 77 Degrees 11 Minutes 05 Seconds West a distance of 81.21 feet to a point;
16. Thence along a bearing of North 89 Degrees 58 Minutes 48 Seconds West a distance of 173.11 feet to a point;
17. Thence along a bearing of North 18 Degrees 51 Minutes 35 Seconds West a distance of 162.68 feet to a point;
18. Thence along a bearing of South 76 Degrees 33 Minutes 00 Seconds West a distance of 24.31 feet to a point;
19. Thence along a bearing of North 00 Degrees 32 Minutes 43 Seconds West a distance of 425.04 feet to a point;
20. Thence along a curve to the right with a radius of 1055.63 feet, Northerly, an arc length of 117.91 feet, (said curve having a chord bearing and distance of North 02 Degrees 39 Minutes 17 Seconds East, 117.85 feet) to a point;
21. Thence along a compound curve to the right with a radius of 168.00 feet, Northerly, an arc length of 78.76 feet, (said curve having a chord bearing and distance of North 19 Degrees 17 Minutes 06 Seconds East, 78.04 feet) to a point;
22. Thence along a reverse curve to the left with a radius of 101.52 feet, Northerly, an arc length of 58.81 feet, (said curve having a chord bearing and distance of North 16 Degrees 07 Minutes 08 Seconds East, 57.99 feet) to a point;
23. Thence along a bearing of North 00 Degrees 28 Minutes 38 Seconds West a distance of 1259.56 feet to a point;



24. Thence along a bearing of North 89 Degrees 31 Minutes 22 Seconds East a distance of 248.34 feet to a point;

25. Thence along a bearing of North 00 Degrees 28 Minutes 38 Seconds West a distance of 199.09 feet to the Point and Place of BEGINNING

TOGETHER WITH a temporary non-exclusive easement for ingress and egress over Second and Third Avenues, to the extent of the Town's easement rights, acquired as part of the Deed dated January 22, 2003 from the New York State Urban Development Corporation to the Town of Orangetown which was duly recorded in the Rockland County Clerk's Office on January 23, 2003 as Instrument Number 2003-3521.

# DAILY STATUS REPORT

Prepared By: Paul Benya

WEATHER	Snow	Rain	Overcast	Partly Cloudy	Bright Sun	X
TEMP.	< 32	32-50	50-70	X	70-85	>85

DEC Project No.:	C344080	E-Number:	NA	Date:	9/20/21
VCP Project No.:	NA	DOB Job No.:			
Project Name:	RPC – Core Area, Cap Disturbance Oversight, Orangetown, New York				

Consultant: GZA GeoEnvironmental of New York	Safety Officer: Michael O 'Sullivan Structure Tone
General Contractor: Roland Biehle Structure Tone	Site Manager/ Supervisor: James Rankhorn Structure Tone
Work Activities Performed (Since Last Report): <ul style="list-style-type: none"> <li>Set up CAMP upwind and downwind of substation.</li> <li>Excavate test pits to collect waste class samples from the substation, the Data Center admin parking lot, and the entrance to the VVRC.</li> <li>Begin removal of ¾" clean stone from the Data Center Building G laydown on top of fabric, CAMP monitoring at Building G.</li> </ul>	

Samples Collected (Since Last Report): <ul style="list-style-type: none"> <li>CAP-WC-GRAB, CAP-WC COMP.</li> </ul>
Air Monitoring (Since Last Report): <ul style="list-style-type: none"> <li>No exceedances.</li> </ul>
Deviations from the SMP: None
Problems Encountered: None
Citizen Complaints: None
Health and Safety- None
GZA Staff on Site: 1 Engineering Tech 1 Engineer

Soil Exported from the Site		
Facility Name	Soil Safe	
	Trucks	Appx. Tons
Today	0	0
Total to Date	0	0

**SITE WORK AREA**



## PHOTOGRAPHS



Photo 1: CAMP setup at substation.



Photo 2: Waste class sampling test pit at substation.

# DAILY STATUS REPORT

Prepared By: Adam Spaulding

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85		>85	

DEC Project No.:	C344080	E-Number:	NA	Date:	9/21/21
VCP Project No.:	NA	DOB Job No.:			
Project Name:	RPC – Core Area, Cap Disturbance Oversight, Orangetown, New York				

Consultant: GZA GeoEnvironmental of New York	Safety Officer: Michael O 'Sullivan Structure Tone
General Contractor: Roland Biehle Structure Tone	Site Manager/ Supervisor: James Rankhorn Structure Tone
Work Activities Performed (Since Last Report): <ul style="list-style-type: none"> <li>Continue 3/4 stone removal in Data Center Building G laydown/crane area and segregate material.</li> </ul>	

Samples Collected (Since Last Report): <ul style="list-style-type: none"> <li>No samples collected.</li> </ul>
Air Monitoring (Since Last Report): <ul style="list-style-type: none"> <li>Continue troubleshooting stations, requesting assistance and new equipment from Pine.</li> </ul>
Deviations from the SMP: None
Problems Encountered: None
Citizen Complaints: None
Health and Safety- None
GZA Staff on Site: 1 Engineering Tech

Soil Exported from the Site		
Facility Name	Soil Safe	
	Trucks	Appx. Tons
Today	0	0
Total to Date	0	0

## SITE WORK AREA



## SITE WORK AREA



## PHOTOGRAPHS



Photo 1: Removal of ¾" stone at Building G.



Photo 2: Removal of ¾" stone at Building G.

# DAILY STATUS REPORT

Prepared By: Adam Spaulding

WEATHER	Snow		Rain	X	Overcast		Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50		50-70	X	70-85		>85	

DEC Project No.:	C344080	E-Number:	NA	Date:	9/22/21
VCP Project No.:	NA	DOB Job No.:			
Project Name:	RPC – Core Area, Cap Disturbance Oversight, Orangetown, New York				

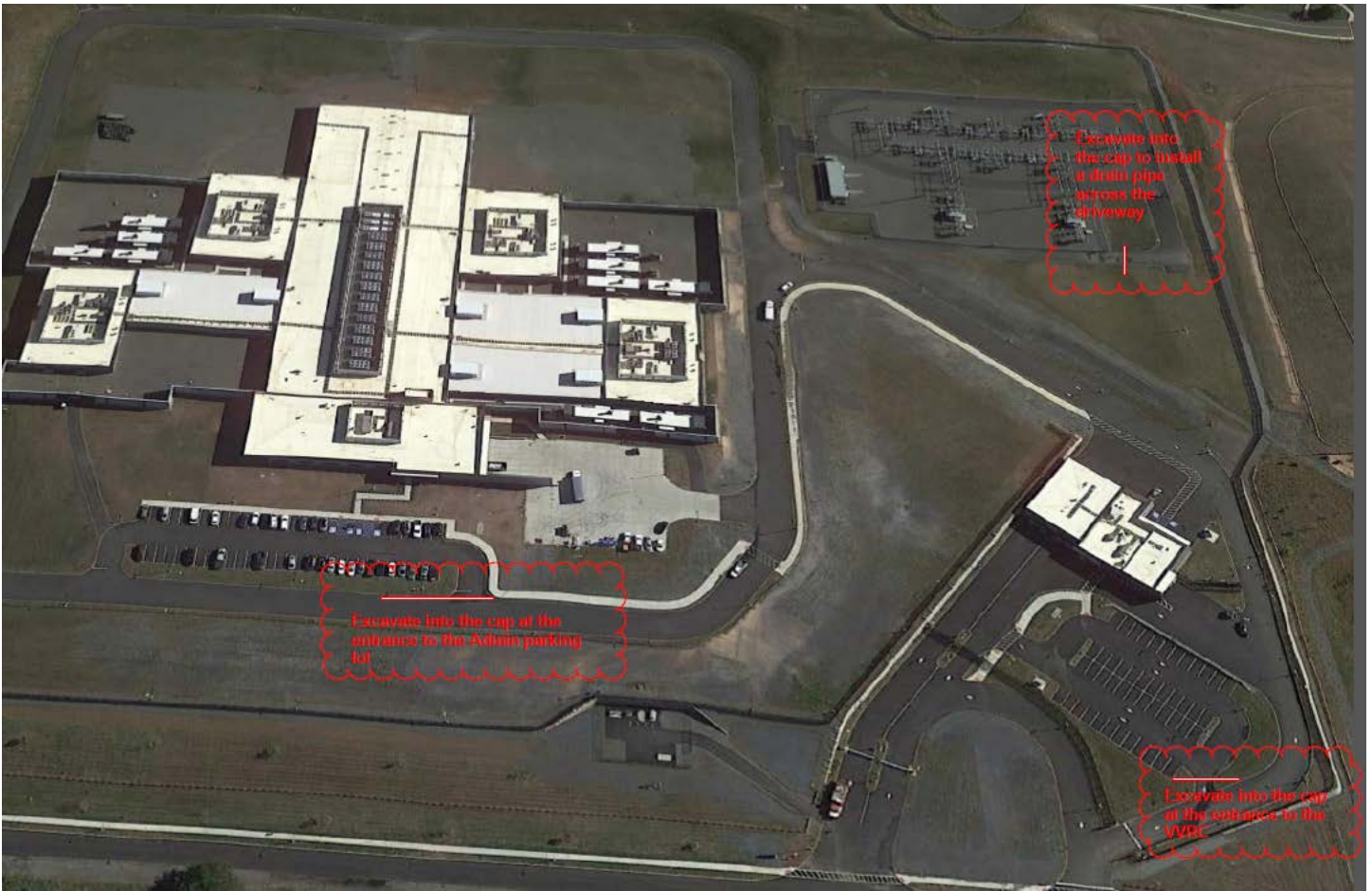
Consultant: GZA GeoEnvironmental of New York	Safety Officer: Michael O 'Sullivan Structure Tone
General Contractor: Roland Biehle Structure Tone	Site Manager/ Supervisor: James Rankhorn Structure Tone
Work Activities Performed (Since Last Report): <ul style="list-style-type: none"> <li>Continued work in Data Center Building G lay down area at the northwest corner of the Site, strip ¾" stone and fabric beneath.</li> </ul>	

Samples Collected (Since Last Report): <ul style="list-style-type: none"> <li>No samples collected.</li> </ul>
Air Monitoring (Since Last Report): <ul style="list-style-type: none"> <li>Pine assists with troubleshooting equipment and replacing wires, etc.</li> </ul>
Deviations from the SMP: None
Problems Encountered: None
Citizen Complaints: None
Health and Safety- None
GZA Staff on Site: 1 Engineering Tech

Soil Exported from the Site		
Facility Name	Soil Safe	
	Trucks	Appx. Tons
Today	0	0
Total to Date	0	0



# SITE WORK AREA



## PHOTOGRAPHS



Photo 1: Removal of 3/4" stone at Building G.



Photo 2: Troubleshooting CAMP equipment.

# DAILY STATUS REPORT

Prepared By: Adam Spaulding

WEATHER	Snow		Rain	X	Overcast		Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50		50-70	X	70-85		>85	

DEC Project No.:	C344080	E-Number:	NA	Date:	9/23/21
VCP Project No.:	NA	DOB Job No.:			
Project Name:	RPC – Core Area, Cap Disturbance Oversight, Orangetown, New York				

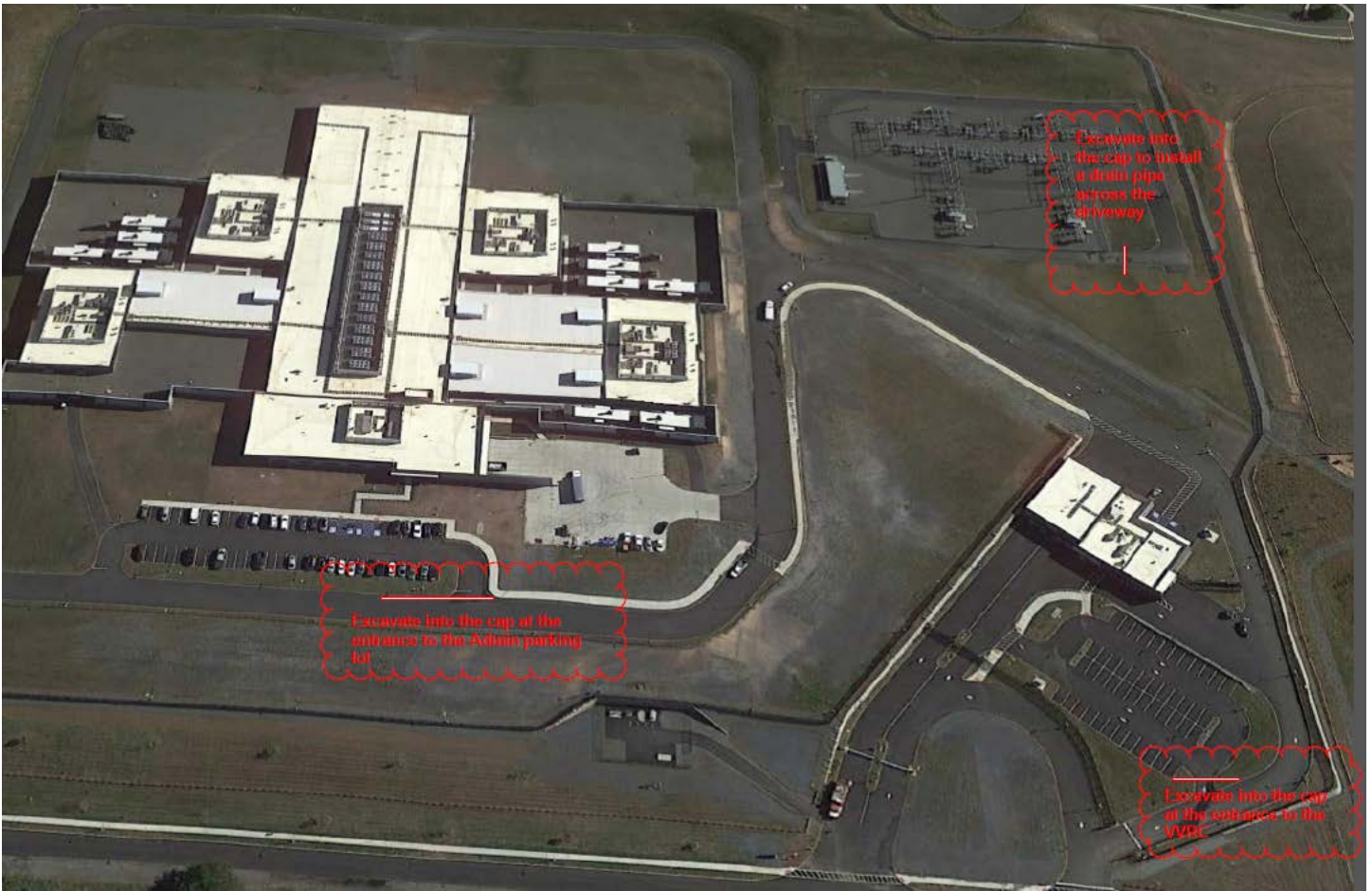
Consultant: GZA GeoEnvironmental of New York	Safety Officer: Michael O 'Sullivan Structure Tone
General Contractor: Roland Biehle Structure Tone	Site Manager/ Supervisor: James Rankhorn Structure Tone
Work Activities Performed (Since Last Report): <ul style="list-style-type: none"> <li>Continue stockpiling and removing fabric from Building G crane pad area west.</li> <li>Begin bringing some ¾" stone and staging in upper norther former trailer area.</li> </ul>	

Samples Collected (Since Last Report): <ul style="list-style-type: none"> <li>No samples collected.</li> </ul>
Air Monitoring (Since Last Report): <ul style="list-style-type: none"> <li>No exceedances.</li> </ul>
Deviations from the SMP: None
Problems Encountered: None
Citizen Complaints: None
Health and Safety- None
GZA Staff on Site: 1 Engineering Tech

Soil Exported from the Site		
Facility Name	Soil Safe	
	Trucks	Appx. Tons
Today	0	0
Total to Date	0	0



# SITE WORK AREA



**PHOTOGRAPHS**



Photo 1: Removal of 3/4" stone at Building G.



Photo 2: Begin staging at northern former trailer yard area.

# DAILY STATUS REPORT

Prepared By: Adam Spaulding

WEATHER	Snow		Rain		Overcast		Partly Cloudy	<input checked="" type="checkbox"/>	Bright Sun	
TEMP.	< 32		32-50		50-70	<input checked="" type="checkbox"/>	70-85		>85	

DEC Project No.:	C344080	E-Number:	NA	Date:	9/24/21
VCP Project No.:	NA	DOB Job No.:			
Project Name:	RPC – Core Area, Cap Disturbance Oversight, Orangetown, New York				

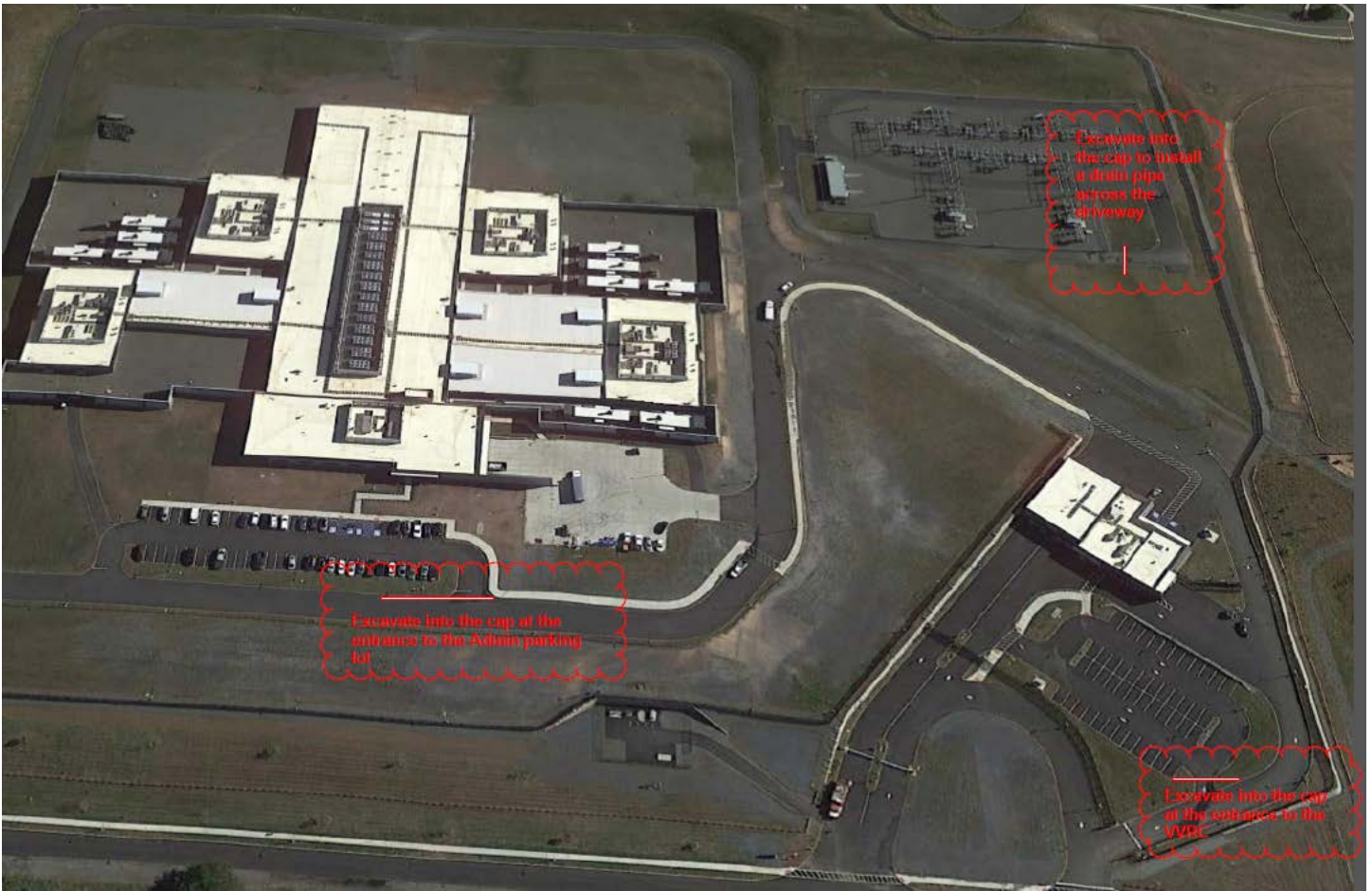
Consultant: GZA GeoEnvironmental of New York	Safety Officer: Michael O 'Sullivan Structure Tone
General Contractor: Roland Biehle Structure Tone	Site Manager/ Supervisor: James Rankhorn Structure Tone
Work Activities Performed (Since Last Report): <ul style="list-style-type: none"> <li>• Complete Building G ¾" stone removal.</li> <li>• Decontaminate vehicles and track to upper northern site area of former trailer yard.</li> </ul>	

Samples Collected (Since Last Report): <ul style="list-style-type: none"> <li>○ No samples collected.</li> </ul>
Air Monitoring (Since Last Report): <ul style="list-style-type: none"> <li>○ No exceedances.</li> </ul>
Deviations from the SMP: None
Problems Encountered: None
Citizen Complaints: None
Health and Safety- None
GZA Staff on Site: 1 Engineering Tech

Soil Exported from the Site		
Facility Name	Soil Safe	
	Trucks	Appx. Tons
Today	0	0
Total to Date	0	0



# SITE WORK AREA



## PHOTOGRAPHS



Photo 1: Completing removal of ¾" stone at Building G.



Photo 2: Decontaminating vehicle.



# DAILY STATUS REPORT

Prepared By: Adam Spaulding

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85		>85	

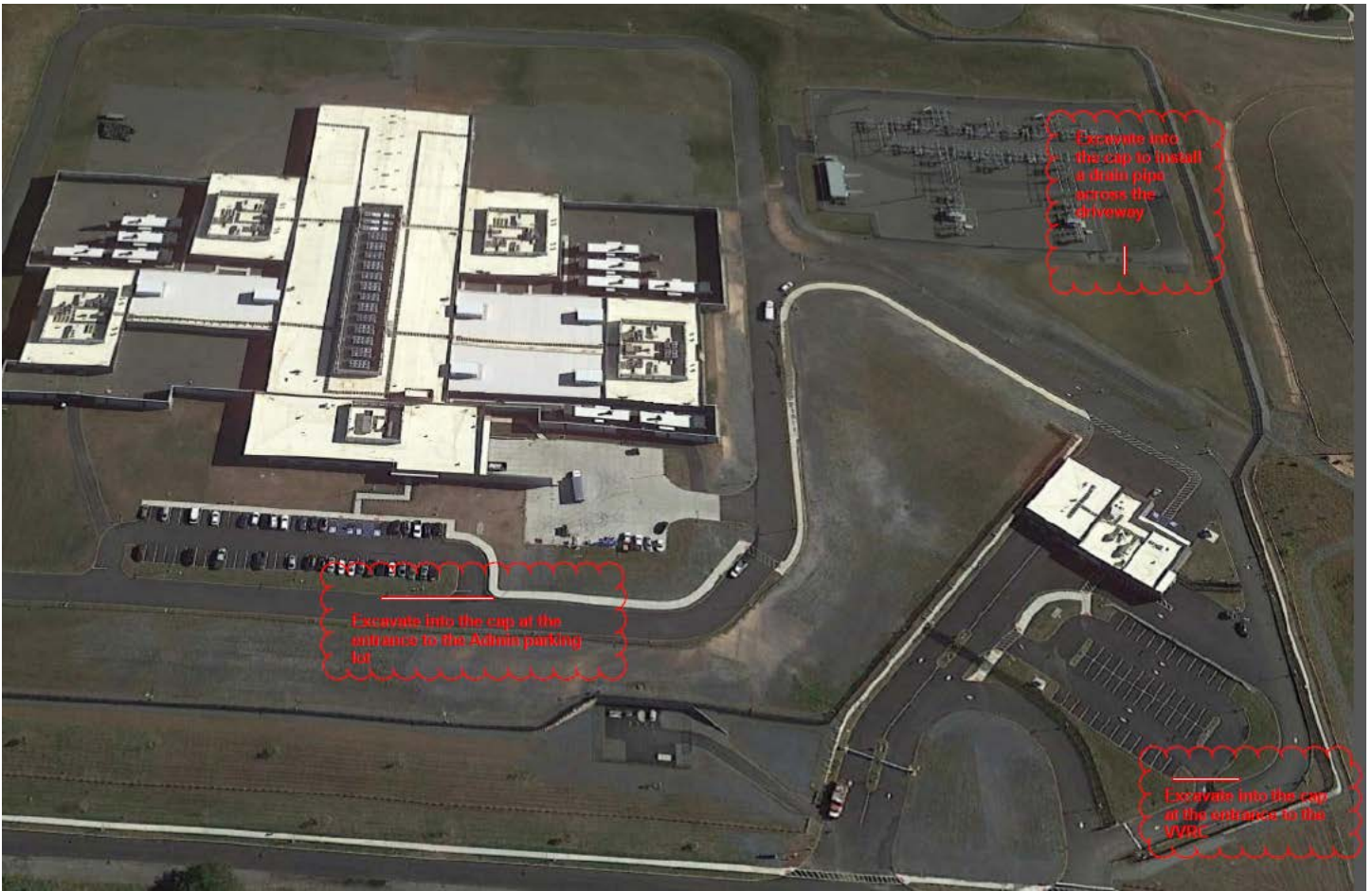
DEC Project No.:	C344080	E-Number:	NA	Date:	10/12/21
VCP Project No.:	NA	DOB Job No.:			
Project Name:	RPC – Core Area, Cap Disturbance Oversight, Orangetown, New York				

Consultant: GZA GeoEnvironmental of New York	Safety Officer: Michael O 'Sullivan Structure Tone
General Contractor: Roland Biehle Structure Tone	Site Manager/ Supervisor: James Rankhorn Structure Tone
Work Activities Performed (Since Last Report): <ul style="list-style-type: none"> <li>• Monitor for dust and weather, VOCs in downwind location at the substation area.</li> <li>• Export Tilcon DGA from former trailer yard, spread additional remaining stone around substation area.</li> </ul>	

Samples Collected (Since Last Report): <ul style="list-style-type: none"> <li>○ No samples collected.</li> </ul>
Air Monitoring (Since Last Report): <ul style="list-style-type: none"> <li>○ Troubleshooting Station 1, power cell to be replaced.</li> </ul>
Deviations from the SMP: None
Problems Encountered: None
Citizen Complaints: None
Health and Safety- None
GZA Staff on Site: 1 Engineering Tech

Soil Exported from the Site		
Facility Name	Soil Safe	
	Trucks	Appx. Tons
Today	0	0
Total to Date	0	0

# SITE WORK AREA



## PHOTOGRAPHS



Photo 1: Troubleshooting CAMP Station 1.



Photo 2: Spread additional stone throughout the substation area.

# DAILY STATUS REPORT

Prepared By: Adam Spaulding

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50		50-70	X	70-85		>85	

DEC Project No.:	C344080	E-Number:	NA	Date:	10/13/21
VCP Project No.:	NA	DOB Job No.:			
Project Name:	RPC – Core Area, Cap Disturbance Oversight, Orangetown, New York				

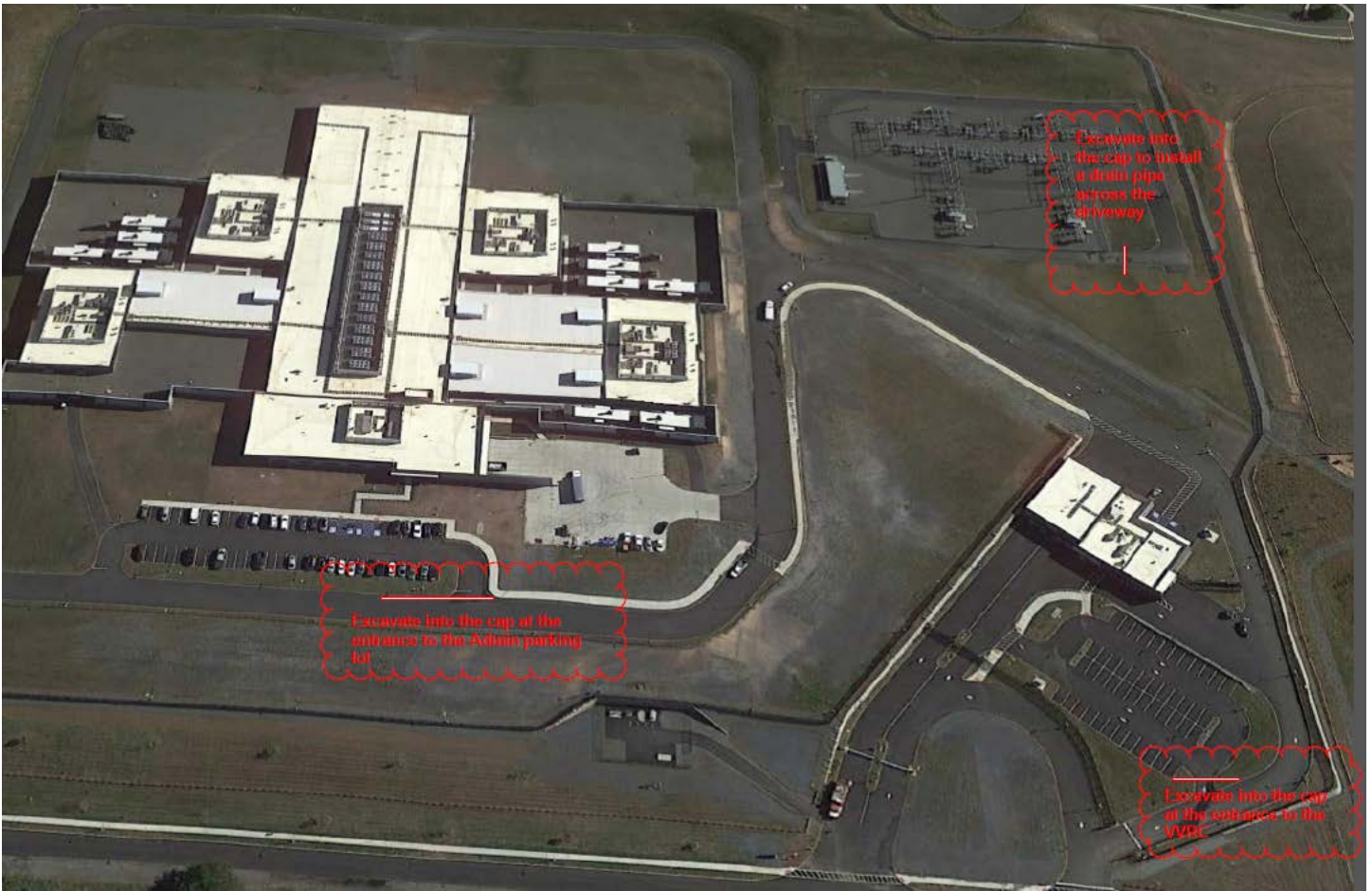
Consultant: GZA GeoEnvironmental of New York	Safety Officer: Michael O 'Sullivan Structure Tone
General Contractor: Roland Biehle Structure Tone	Site Manager/ Supervisor: James Rankhorn Structure Tone
Work Activities Performed (Since Last Report): <ul style="list-style-type: none"> <li>• Monitor for dust and weather, VOCs in downwind location at the substation area.</li> <li>• Export Tilcon DGA from former trailer yard.</li> </ul>	

Samples Collected (Since Last Report): <ul style="list-style-type: none"> <li>○ No samples collected.</li> </ul>
Air Monitoring (Since Last Report): <ul style="list-style-type: none"> <li>○ No exceedances</li> </ul>
Deviations from the SMP: None
Problems Encountered: Multiple equipment failures lead to inability to work in area today.
Citizen Complaints: None
Health and Safety- None
GZA Staff on Site: 1 Engineering Tech

Soil Exported from the Site		
Facility Name	Soil Safe	
	Trucks	Appx. Tons
Today	0	0
Total to Date	0	0



# SITE WORK AREA



**PHOTOGRAPHS**



Photo 1: Removal of DGA from trailer yard.



Photo 2: Work stopped due to equipment failure.



# DAILY STATUS REPORT

Prepared By: Adam Spaulding

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85		>85	

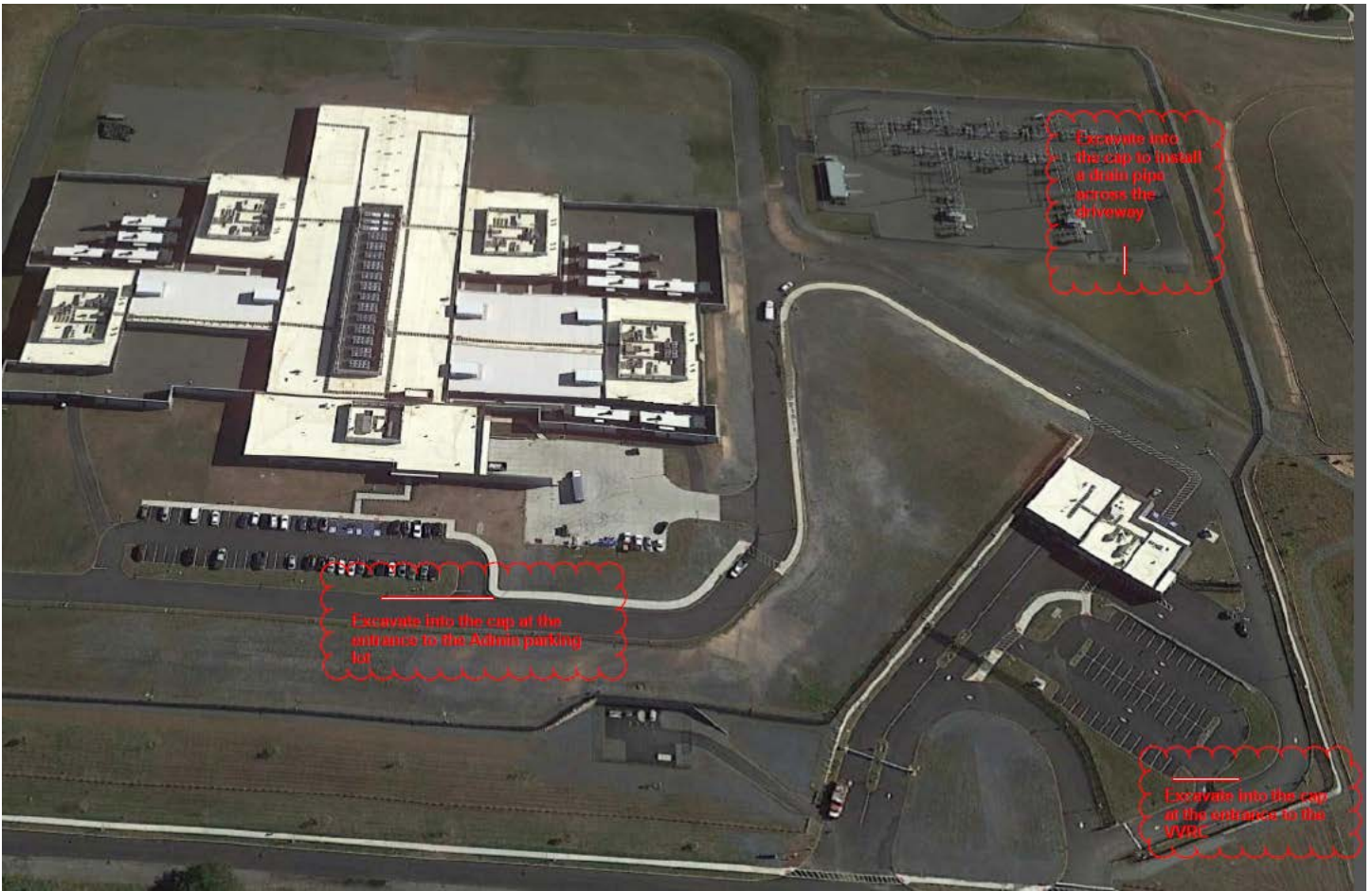
DEC Project No.:	C344080	E-Number:	NA	Date:	10/14/21
VCP Project No.:	NA	DOB Job No.:			
Project Name:	RPC – Core Area, Cap Disturbance Oversight, Orangetown, New York				

Consultant: GZA GeoEnvironmental of New York	Safety Officer: Michael O 'Sullivan Structure Tone
General Contractor: Roland Biehle Structure Tone	Site Manager/ Supervisor: James Rankhorn Structure Tone
Work Activities Performed (Since Last Report): <ul style="list-style-type: none"> <li>Monitor for dust and weather, VOCs in downwind location at the substation drainage trench installation.</li> </ul>	

Samples Collected (Since Last Report): <ul style="list-style-type: none"> <li>No samples collected.</li> </ul>
Air Monitoring (Since Last Report): <ul style="list-style-type: none"> <li>No exceedances</li> </ul>
Deviations from the SMP: None
Problems Encountered: None
Citizen Complaints: None
Health and Safety- None
GZA Staff on Site: 1 Engineering Tech

Soil Exported from the Site		
Facility Name	Soil Safe	
	Trucks	Appx. Tons
Today	0	0
Total to Date	0	0

# SITE WORK AREA



## PHOTOGRAPHS



Photo 1: CAMP monitoring at drainage trench installation.



Photo 2: Demolition saw with water to cut asphalt.

# DAILY STATUS REPORT

Prepared By: Adam Spaulding

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85		>85	

DEC Project No.:	C344080	E-Number:	NA	Date:	10/15/21
VCP Project No.:	NA	DOB Job No.:			
Project Name:	RPC – Core Area, Cap Disturbance Oversight, Orangetown, New York				

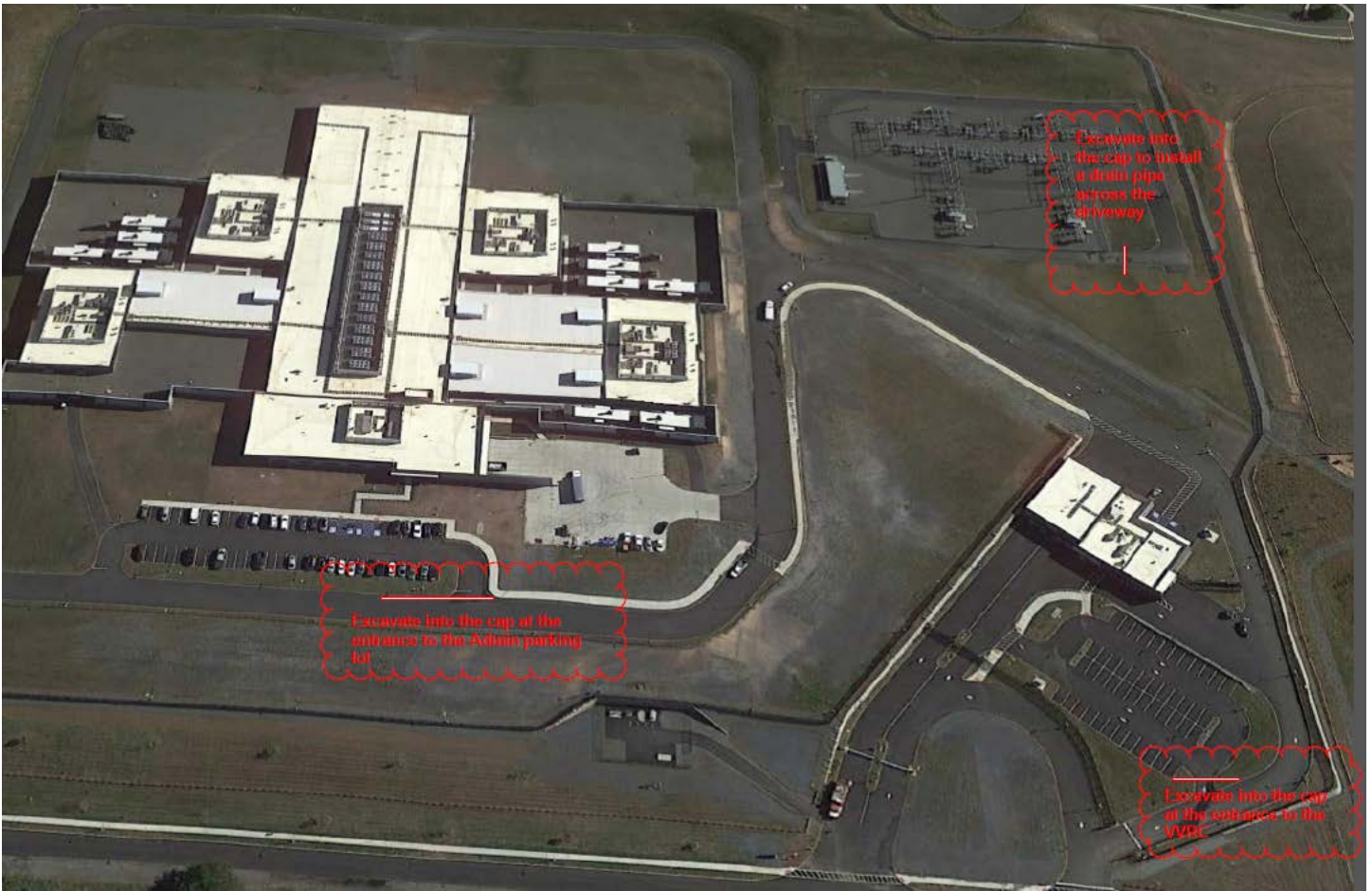
Consultant: GZA GeoEnvironmental of New York	Safety Officer: Michael O 'Sullivan Structure Tone
General Contractor: Roland Biehle Structure Tone	Site Manager/ Supervisor: James Rankhorn Structure Tone
Work Activities Performed (Since Last Report): <ul style="list-style-type: none"> <li>• Monitor for dust and weather, VOCs in downwind location at the substation drainage trench installation.</li> <li>• Cement over drainage pipe at substation and refit drainage pipe in soil.</li> <li>• Continue load out of DGA from northern former trailer yard.</li> </ul>	

Samples Collected (Since Last Report): <ul style="list-style-type: none"> <li>○ No samples collected.</li> </ul>
Air Monitoring (Since Last Report): <ul style="list-style-type: none"> <li>○ No exceedances</li> </ul>
Deviations from the SMP: None
Problems Encountered: None
Citizen Complaints: None
Health and Safety- None
GZA Staff on Site: 1 Engineering Tech

Soil Exported from the Site		
Facility Name	Soil Safe	
	Trucks	Appx. Tons
Today	0	0
Total to Date	0	0



# SITE WORK AREA





**PHOTOGRAPHS**



Photo 1: Cement over drainage pipe at substation and refit drainage pipe in soil.

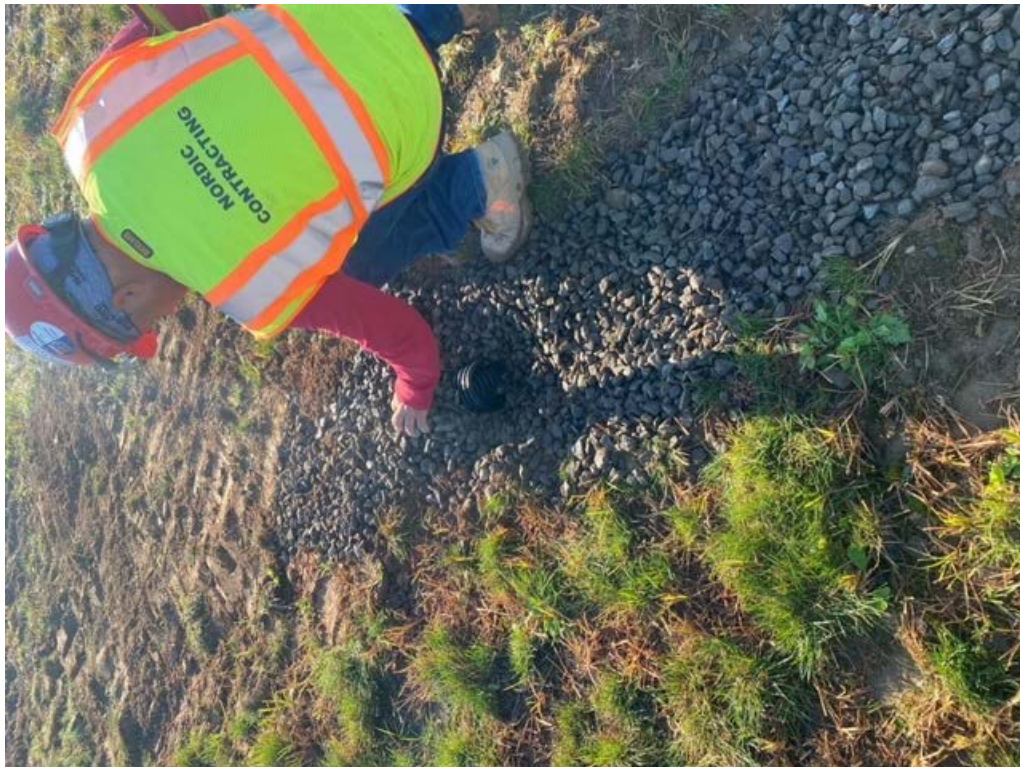


Photo 2: Refit drainage pipe in soil.



# DAILY STATUS REPORT

Prepared By: Adam Spaulding

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50	X	50-70		70-85		>85	

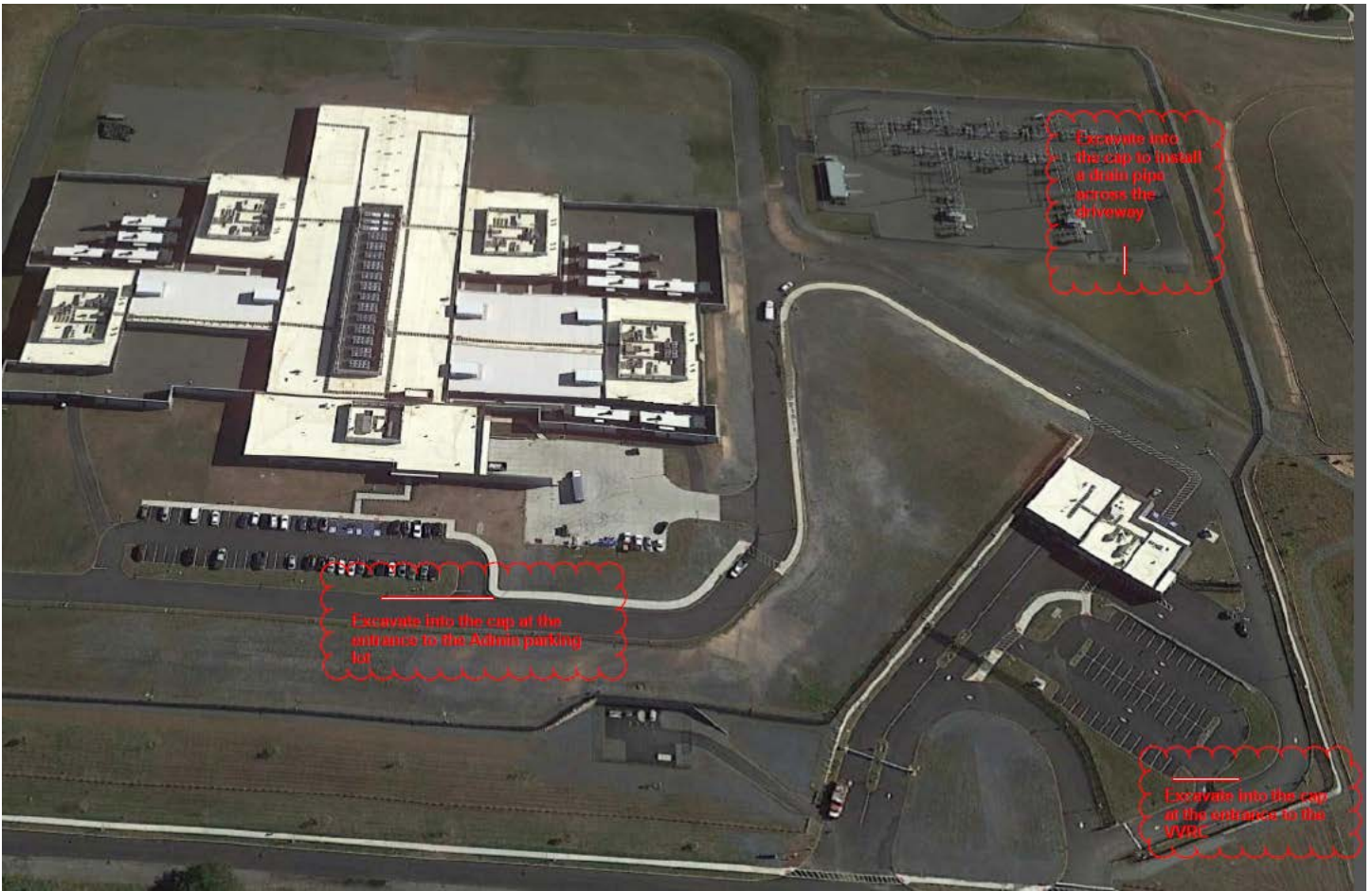
DEC Project No.:	C344080	E-Number:	NA	Date:	10/18/21
VCP Project No.:	NA	DOB Job No.:			
Project Name:	RPC – Core Area, Cap Disturbance Oversight, Orangetown, New York				

Consultant: GZA GeoEnvironmental of New York	Safety Officer: Michael O 'Sullivan Structure Tone
General Contractor: Roland Biehle Structure Tone	Site Manager/ Supervisor: James Rankhorn Structure Tone
Work Activities Performed (Since Last Report): <ul style="list-style-type: none"> <li>• Monitor for dust and weather, VOCs in downwind location at the northern former trailer yard.</li> <li>• Excavate southwest access ramp and excavate northeast and southwest entrance ramps to expose final cover and remove footers.</li> <li>• Grade former trailer yard to prep for seeding.</li> </ul>	

Samples Collected (Since Last Report):	o No samples collected.
Air Monitoring (Since Last Report):	o No exceedances
Deviations from the SMP:	None
Problems Encountered:	None
Citizen Complaints:	None
Health and Safety-	None
GZA Staff on Site:	1 Engineering Tech

Soil Exported from the Site		
Facility Name	Soil Safe	
	Trucks	Appx. Tons
Today	0	0
Total to Date	0	0

# SITE WORK AREA



**PHOTOGRAPHS**



Photo 1: Grading former trailer yard.



Photo 2: Northeast ramp excavation.

# DAILY STATUS REPORT

Prepared By: Adam Spaulding

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85		>85	

DEC Project No.:	C344080	E-Number:	NA	Date:	10/19/21
VCP Project No.:	NA	DOB Job No.:			
Project Name:	RPC – Core Area, Cap Disturbance Oversight, Orangetown, New York				

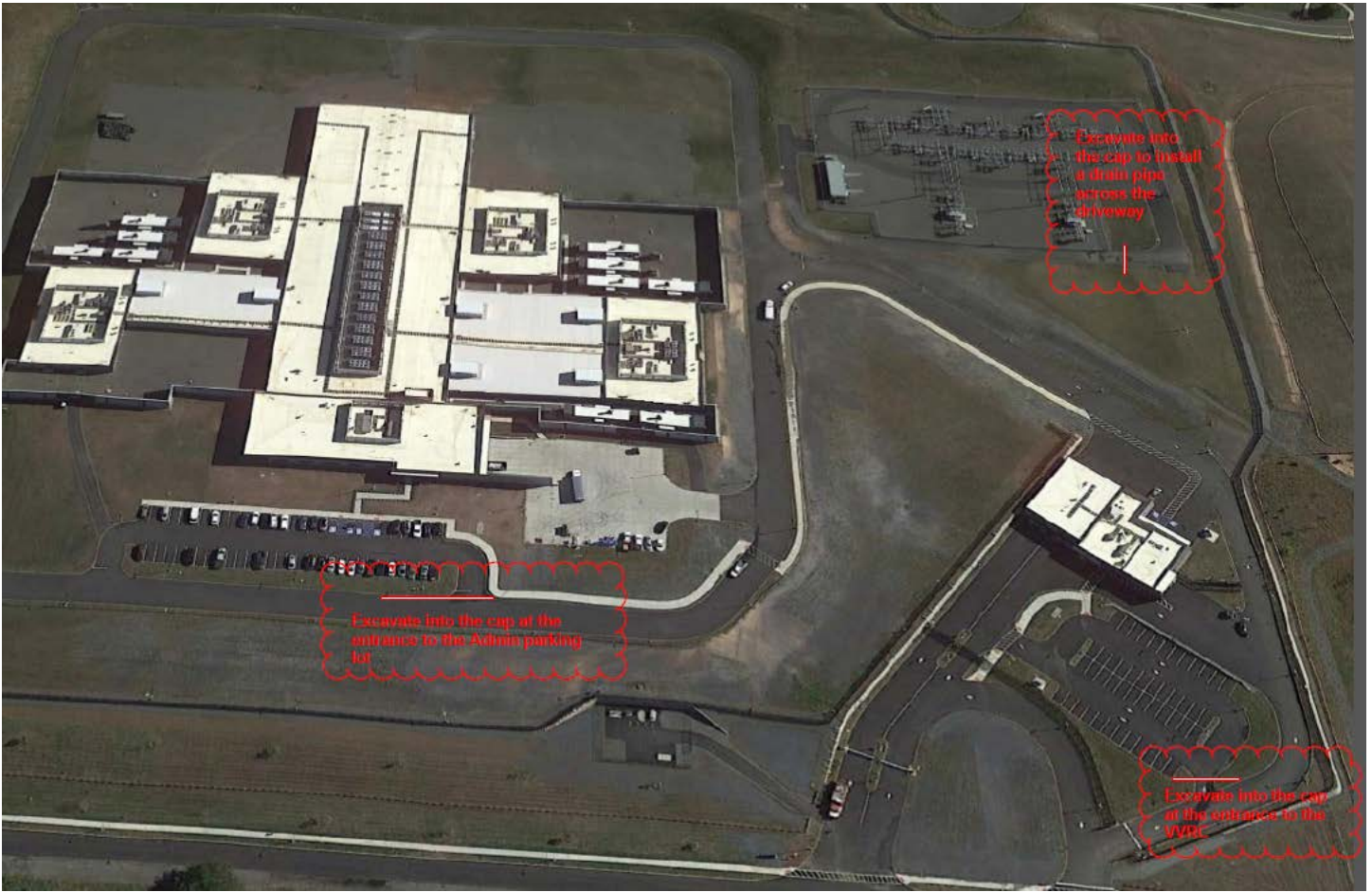
Consultant: GZA GeoEnvironmental of New York	Safety Officer: Michael O 'Sullivan Structure Tone
General Contractor: Roland Biehle Structure Tone	Site Manager/ Supervisor: James Rankhorn Structure Tone
Work Activities Performed (Since Last Report): <ul style="list-style-type: none"> <li>• Monitor for dust and weather, monitor VOCs in downwind location at former northern trailer yard, later move to VVRC area to commence pipe install.</li> <li>• Export final Tilcon DGA from former trailer yard and finalize grading.</li> <li>• Backfill one of two access ramps to norther trailer area and place demarcation.</li> <li>• Excavating berms at VVRC parking area and staging near Structure Tone temporary trailer by northeastern Data Center.</li> </ul>	

Samples Collected (Since Last Report): ○ No samples collected.
Air Monitoring (Since Last Report): ○ No exceedances
Deviations from the SMP: None
Problems Encountered: None
Citizen Complaints: None
Health and Safety- None
GZA Staff on Site: 1 Engineering Tech

Soil Exported from the Site		
Facility Name	Soil Safe	
Quantity (Trucks/Cubic Yards)	Trucks	Appx. Tons
Today	0	0
Total to Date	0	0



## SITE WORK AREA





## PHOTOGRAPHS



Photo 1: Backfill one of two access ramps to northern trailer area and place demarcation.



Photo 2: Excavating berms at VVRC parking area.

# DAILY STATUS REPORT

Prepared By: Adam Spaulding

WEATHER	Snow	Rain	Overcast	Partly Cloudy	Bright Sun	X
TEMP.	< 32	32-50	50-70	70-85	X	>85

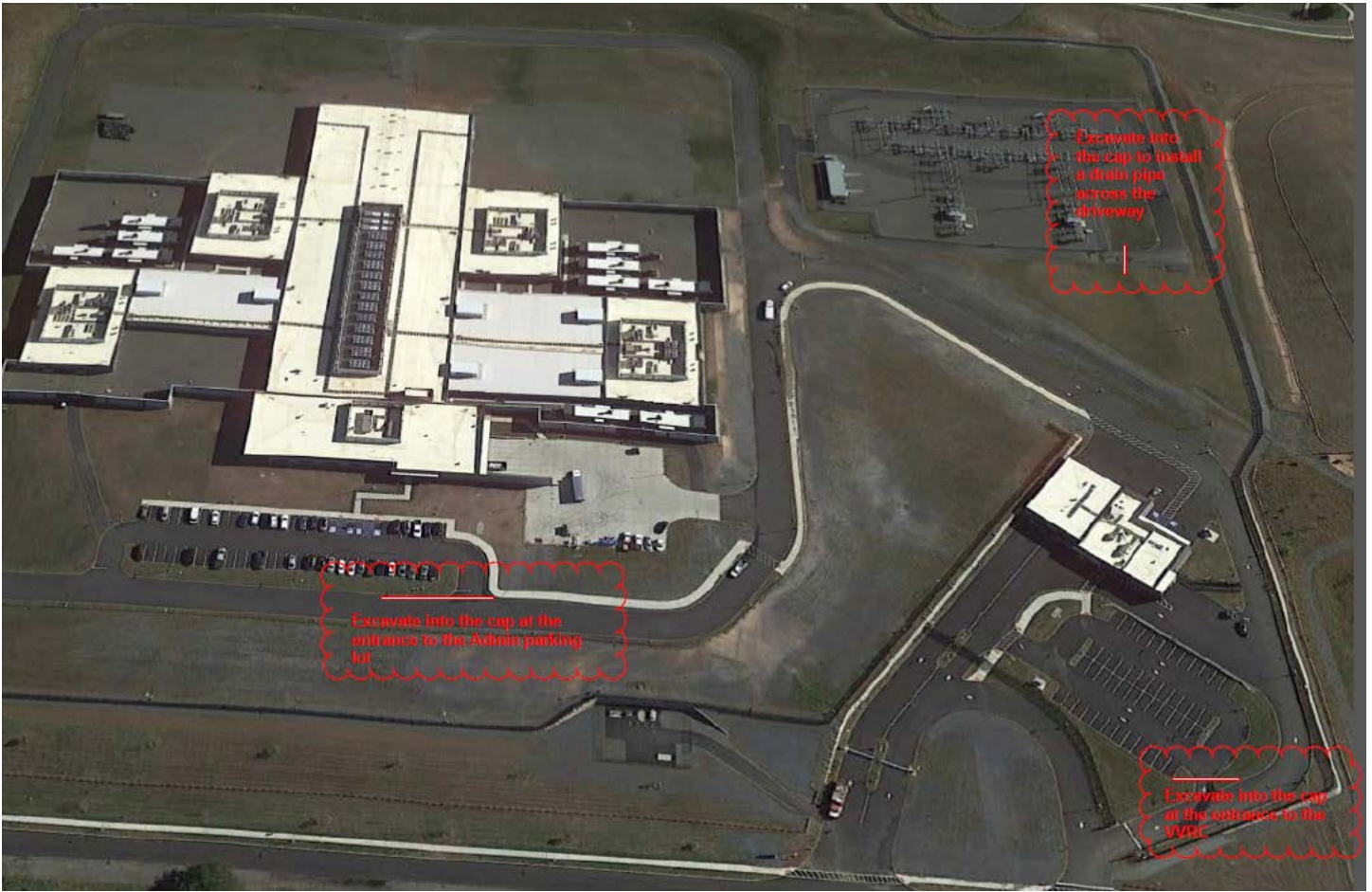
DEC Project No.:	C344080	E-Number:	NA	Date:	10/20/21
VCP Project No.:	NA	DOB Job No.:			
Project Name:	RPC – Core Area, Cap Disturbance Oversight, Orangetown, New York				

Consultant: GZA GeoEnvironmental of New York	Safety Officer: Michael O 'Sullivan Structure Tone
General Contractor: Roland Biehle Structure Tone	Site Manager/ Supervisor: James Rankhorn Structure Tone
Work Activities Performed (Since Last Report): <ul style="list-style-type: none"> <li>• Monitor for dust and weather, monitor VOCs in downwind location at VVRC pipe install and road widening.</li> <li>• Excavate along VVRC roadway and tie into existing drain.</li> <li>• Stockpile deep soils along northeast VVRC.</li> <li>• Hydroseed former northern trailer area.</li> <li>• Remove berm along VVRC roadway.</li> </ul>	

Samples Collected (Since Last Report): <ul style="list-style-type: none"> <li>o No samples collected.</li> </ul>
Air Monitoring (Since Last Report): <ul style="list-style-type: none"> <li>o No exceedances</li> </ul>
Deviations from the SMP: None
Problems Encountered: None
Citizen Complaints: None
Health and Safety- None
GZA Staff on Site: 1 Engineering Tech

Soil Exported from the Site		
Facility Name	Soil Safe	
Quantity (Trucks/Cubic Yards)	Trucks	Appx. Tons
Today	0	0
Total to Date	0	0

## SITE WORK AREA





## PHOTOGRAPHS



Photo 1: Excavating along VVRC roadway and tying into existing drain.



Photo 2: Hydroseeding former northern trailer area.

# DAILY STATUS REPORT

Prepared By: Adam Spaulding

WEATHER	Snow	Rain	Overcast	Partly Cloudy	Bright Sun	X
TEMP.	< 32	32-50	50-70	70-85	X	>85

DEC Project No.:	C344080	E-Number:	NA	Date:	10/21/21
VCP Project No.:	NA	DOB Job No.:			
Project Name:	RPC – Core Area, Cap Disturbance Oversight, Orangetown, New York				

Consultant: GZA GeoEnvironmental of New York	Safety Officer: Michael O 'Sullivan Structure Tone
General Contractor: Roland Biehle Structure Tone	Site Manager/ Supervisor: James Rankhorn Structure Tone
Work Activities Performed (Since Last Report): <ul style="list-style-type: none"> <li>• Monitor for dust and weather, monitor VOCs in downwind location at VVRC pipe install and road widening.</li> <li>• Excavate and stockpiling soils from VVRC curb-line work.</li> <li>• Place forms in curb-line area to be cemented.</li> <li>• Scrape minimal stone from former Building G walkway.</li> </ul>	

Samples Collected (Since Last Report): <ul style="list-style-type: none"> <li>○ No samples collected.</li> </ul>
Air Monitoring (Since Last Report): <ul style="list-style-type: none"> <li>○ No exceedances</li> </ul>
Deviations from the SMP: None
Problems Encountered: None
Citizen Complaints: None
Health and Safety- None
GZA Staff on Site: 1 Engineering Tech

Soil Exported from the Site		
Facility Name	Soil Safe	
Quantity (Trucks/Cubic Yards)	Trucks	Appx. Tons
Today	0	0
Total to Date	0	0



**SITE WORK AREA**



## PHOTOGRAPHS



Photo 1: Placing forms at curb-line to be cemented.



Photo 2: Scrape minimal stone from former Building G walkway.

# DAILY STATUS REPORT

Prepared By: Adam Spaulding

WEATHER	Snow	Rain	Overcast	Partly Cloudy	Bright Sun	X
TEMP.	< 32	32-50	50-70	X	70-85	>85

DEC Project No.:	C344080	E-Number:	NA	Date:	10/22/21
VCP Project No.:	NA	DOB Job No.:			
Project Name:	RPC – Core Area, Cap Disturbance Oversight, Orangetown, New York				

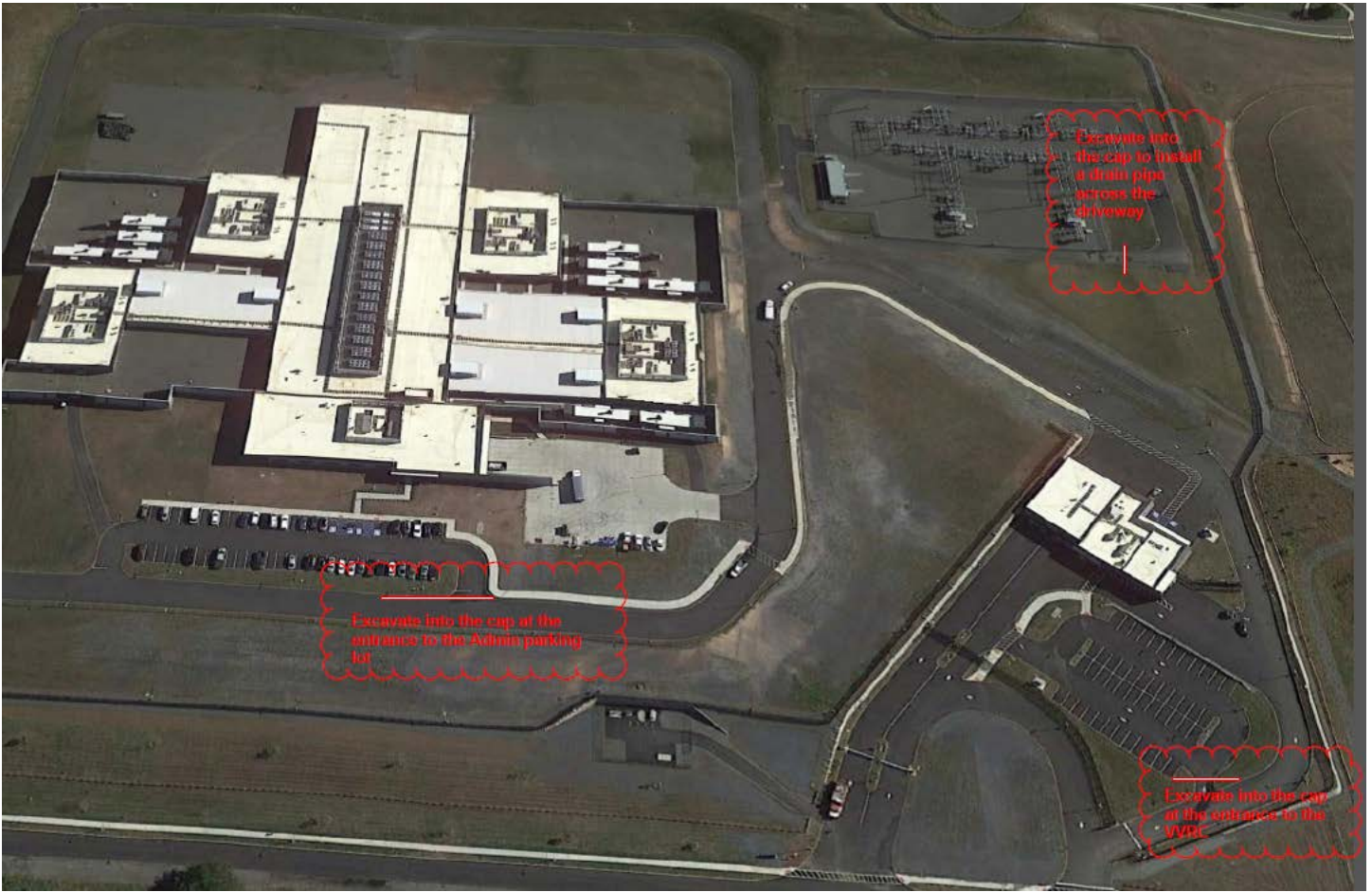
Consultant: GZA GeoEnvironmental of New York	Safety Officer: Michael O 'Sullivan Structure Tone
General Contractor: Roland Biehle Structure Tone	Site Manager/ Supervisor: James Rankhorn Structure Tone
Work Activities Performed (Since Last Report): <ul style="list-style-type: none"> <li>• Monitor for dust and weather, monitor VOCs in downwind location by drainage trench west of Building A.</li> <li>• Excavate and stockpile soil from drainage trench west of Building A, stockpile and cover soil.</li> <li>• Wrap area with fabric or orange snow fence around stone to elevated area as demarcation layer, backfill top with remaining soil.</li> <li>• Pour belgian block tie-in to existing curb-line at VVRC.</li> </ul>	

Samples Collected (Since Last Report):	o No samples collected.
Air Monitoring (Since Last Report):	o Station 2 recording but no alerts.
Deviations from the SMP:	None
Problems Encountered:	None
Citizen Complaints:	None
Health and Safety-	None
GZA Staff on Site:	1 Engineering Tech

Soil Exported from the Site		
Facility Name	Soil Safe	
	Trucks	Appx. Tons
Quantity (Trucks/Cubic Yards)		
Today	0	0
Total to Date	0	0



## SITE WORK AREA



## PHOTOGRAPHS



Photo 1: Wrapping with orange snow fence as demarcation layer.



Photo 2: Pouring belgian block tie-in to existing curb-line at VVRC.



# DAILY STATUS REPORT

Prepared By: Adam Spaulding

WEATHER	Snow	Rain	Overcast	X	Partly Cloudy	Bright Sun
TEMP.	< 32	32-50	50-70	X	70-85	>85

DEC Project No.:	C344080	E-Number:	NA	Date:	10/25/21
VCP Project No.:	NA	DOB Job No.:			
Project Name:	RPC – Core Area, Cap Disturbance Oversight, Orangetown, New York				

Consultant: GZA GeoEnvironmental of New York	Safety Officer: Michael O 'Sullivan Structure Tone
General Contractor: Roland Biehle Structure Tone	Site Manager/ Supervisor: James Rankhorn Structure Tone
Work Activities Performed (Since Last Report): <ul style="list-style-type: none"> <li>• Monitor for dust and weather, monitor VOCs in downwind location by drainage trench west of Building A.</li> <li>• Excavate curb at Building G and stockpile soil by Building C.</li> <li>• Remove forms from VVRC curb pour.</li> <li>• Remove Site fencing.</li> </ul>	

Samples Collected (Since Last Report): <ul style="list-style-type: none"> <li>○ No samples collected.</li> </ul>
Air Monitoring (Since Last Report): <ul style="list-style-type: none"> <li>○ No exceedances.</li> </ul>
Deviations from the SMP: None
Problems Encountered: None
Citizen Complaints: None
Health and Safety- None
GZA Staff on Site: 1 Engineering Tech

Soil Exported from the Site		
Facility Name	Soil Safe	
Quantity (Trucks/Cubic Yards)	Trucks	Appx. Tons
Today	0	0
Total to Date	0	0

**SITE WORK AREA**



## PHOTOGRAPHS



Photo 1: Excavating curb at Building G.



Photo 2: Removing forms from VVRC curb pour.

# DAILY STATUS REPORT

Prepared By: Adam Spaulding

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50	X	50-70		70-85		>85	

DEC Project No.:	C344080	E-Number:	NA	Date:	10/27/21
VCP Project No.:	NA	DOB Job No.:			
Project Name:	RPC – Core Area, Cap Disturbance Oversight, Orangetown, New York				

Consultant: GZA GeoEnvironmental of New York	Safety Officer: Michael O 'Sullivan Structure Tone
General Contractor: Roland Biehle Structure Tone	Site Manager/ Supervisor: James Rankhorn Structure Tone
Work Activities Performed (Since Last Report): <ul style="list-style-type: none"> <li>• Monitor for dust and weather, monitor VOCs in downwind location by curb-line west of Building G.</li> <li>• Clean out curb excavations filled with water - former trailer yard and Building G/VVRC area.</li> <li>• Stage belgian block in preparation for pour (tomorrow).</li> <li>• Apply mortar joints in VVRC curb area and grade topsoil.</li> </ul>	

Samples Collected (Since Last Report): <ul style="list-style-type: none"> <li>○ No samples collected.</li> </ul>
Air Monitoring (Since Last Report): <ul style="list-style-type: none"> <li>○ Station 2 recording, no alerts.</li> </ul>
Deviations from the SMP: None
Problems Encountered: None
Citizen Complaints: None
Health and Safety- None
GZA Staff on Site: 1 Engineering Tech

Soil Exported from the Site		
Facility Name	Soil Safe	
Quantity (Trucks/Cubic Yards)	Trucks	Appx. Tons
Today	0	0
Total to Date	0	0



# SITE WORK AREA





## PHOTOGRAPHS



Photo 1: Clearing out curb excavations filled with water from nor'easter on previous day.



Photo 2: Applying mortar joints for VVRC curbing area.

# DAILY STATUS REPORT

Prepared By: Adam Spaulding

WEATHER	Snow	Rain	Overcast	Partly Cloudy	Bright Sun	X
TEMP.	< 32	32-50	50-70	X	70-85	>85

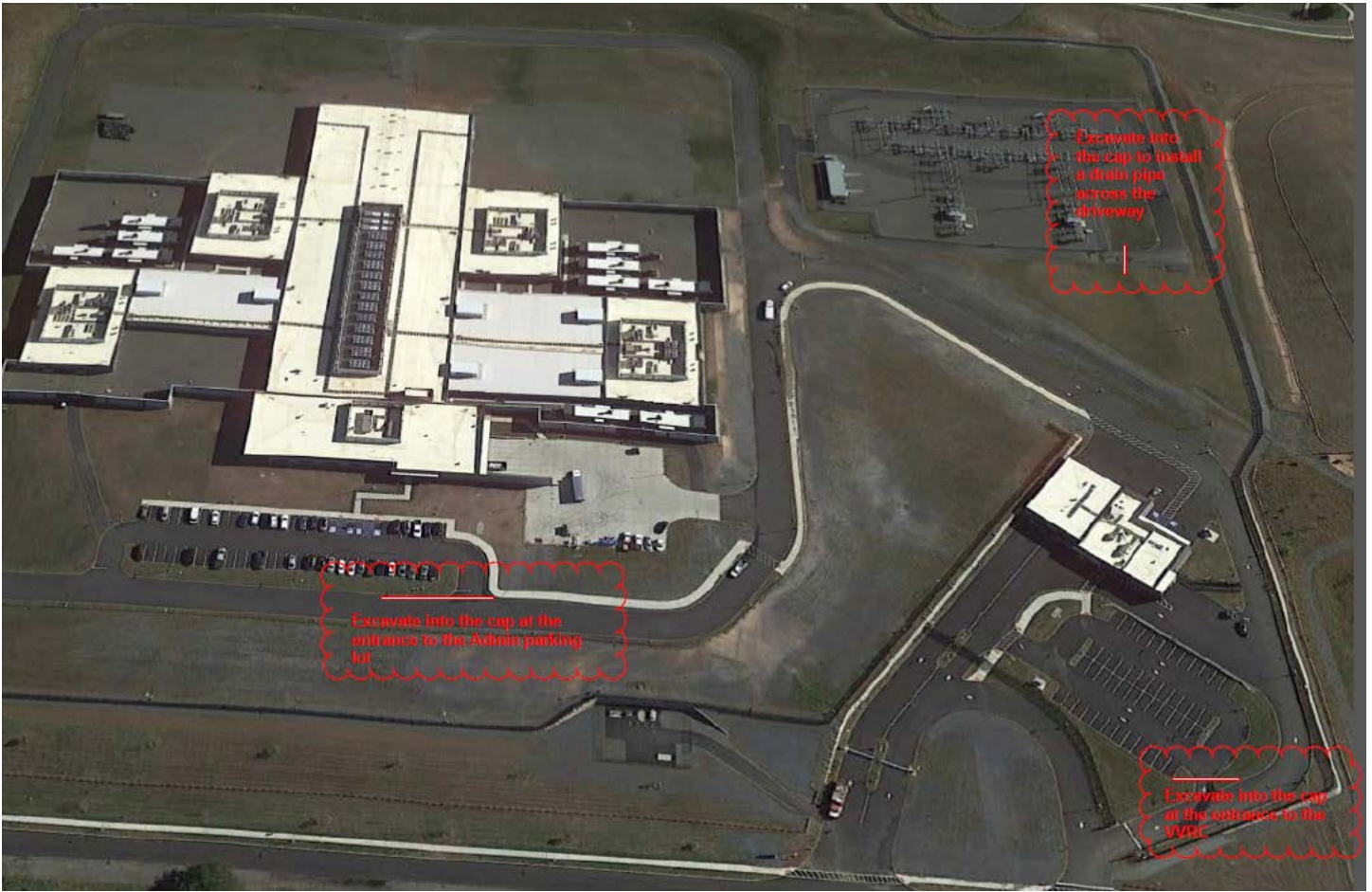
DEC Project No.:	C344080	E-Number:	NA	Date:	10/28/21
VCP Project No.:	NA	DOB Job No.:			
Project Name:	RPC – Core Area, Cap Disturbance Oversight, Orangetown, New York				

Consultant: GZA GeoEnvironmental of New York	Safety Officer: Michael O 'Sullivan Structure Tone
General Contractor: Roland Biehle Structure Tone	Site Manager/ Supervisor: James Rankhorn Structure Tone
Work Activities Performed (Since Last Report): <ul style="list-style-type: none"> <li>• Monitor for dust and weather, monitor VOCs in downwind location by curb-line west of Building G.</li> <li>• Place forms in ground at Building G area in preparation for concrete pour.</li> <li>• Pour along sidewalk area in at Building G west.</li> <li>• Finish grading and backfill compacting after pour in VVRC area.</li> <li>• Continue with mud joint and grouting between blocks at VVRC area.</li> </ul>	

Samples Collected (Since Last Report):	o No samples collected.
Air Monitoring (Since Last Report):	o No exceedances.
Deviations from the SMP:	None
Problems Encountered:	None
Citizen Complaints:	None
Health and Safety-	None
GZA Staff on Site:	1 Engineering Tech

Soil Exported from the Site		
Facility Name	Soil Safe	
	Trucks	Appx. Tons
Quantity (Trucks/Cubic Yards)		
Today	0	0
Total to Date	0	0

## SITE WORK AREA





## PHOTOGRAPHS



Photo 1: Placing forms in ground at Building G area in preparation for concrete pour.



Photo 2: Pouring along sidewalk area in at Building G west.

# DAILY STATUS REPORT

Prepared By: Adam Spaulding

WEATHER	Snow	Rain	Overcast	X	Partly Cloudy	Bright Sun
TEMP.	< 32	32-50	50-70	X	70-85	>85

DEC Project No.:	C344080	E-Number:	NA	Date:	10/29/21
VCP Project No.:	NA	DOB Job No.:			
Project Name:	RPC – Core Area, Cap Disturbance Oversight, Orangetown, New York				

Consultant: GZA GeoEnvironmental of New York	Safety Officer: Michael O 'Sullivan Structure Tone
General Contractor: Roland Biehle Structure Tone	Site Manager/ Supervisor: James Rankhorn Structure Tone
Work Activities Performed (Since Last Report): <ul style="list-style-type: none"> <li>• Monitor for dust and weather, monitor VOCs in downwind location by curb-line west of Building G. Later moved to southwest trailer area.</li> <li>• Concrete pour Building G and former trailer yard north and southwest curb areas.</li> <li>• Backfill, grade, and finish mortar work at Building G.</li> <li>• Place hay in finished areas from seeding, additional seeding throughout former trailer yard.</li> </ul>	

Samples Collected (Since Last Report): ○ No samples collected.
Air Monitoring (Since Last Report): ○ No exceedances.
Deviations from the SMP: None
Problems Encountered: None
Citizen Complaints: None
Health and Safety- None
GZA Staff on Site: 1 Engineering Tech

Soil Exported from the Site		
Facility Name	Soil Safe	
Quantity (Trucks/Cubic Yards)	Trucks	Appx. Tons
Today	0	0
Total to Date	0	0

**SITE WORK AREA**





## PHOTOGRAPHS



Photo 1: Concrete pouring at Building G.



Photo 2: Backfilling curb area at Building G.

# DAILY STATUS REPORT

Prepared By: Adam Spaulding

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50		50-70	X	70-85		>85	

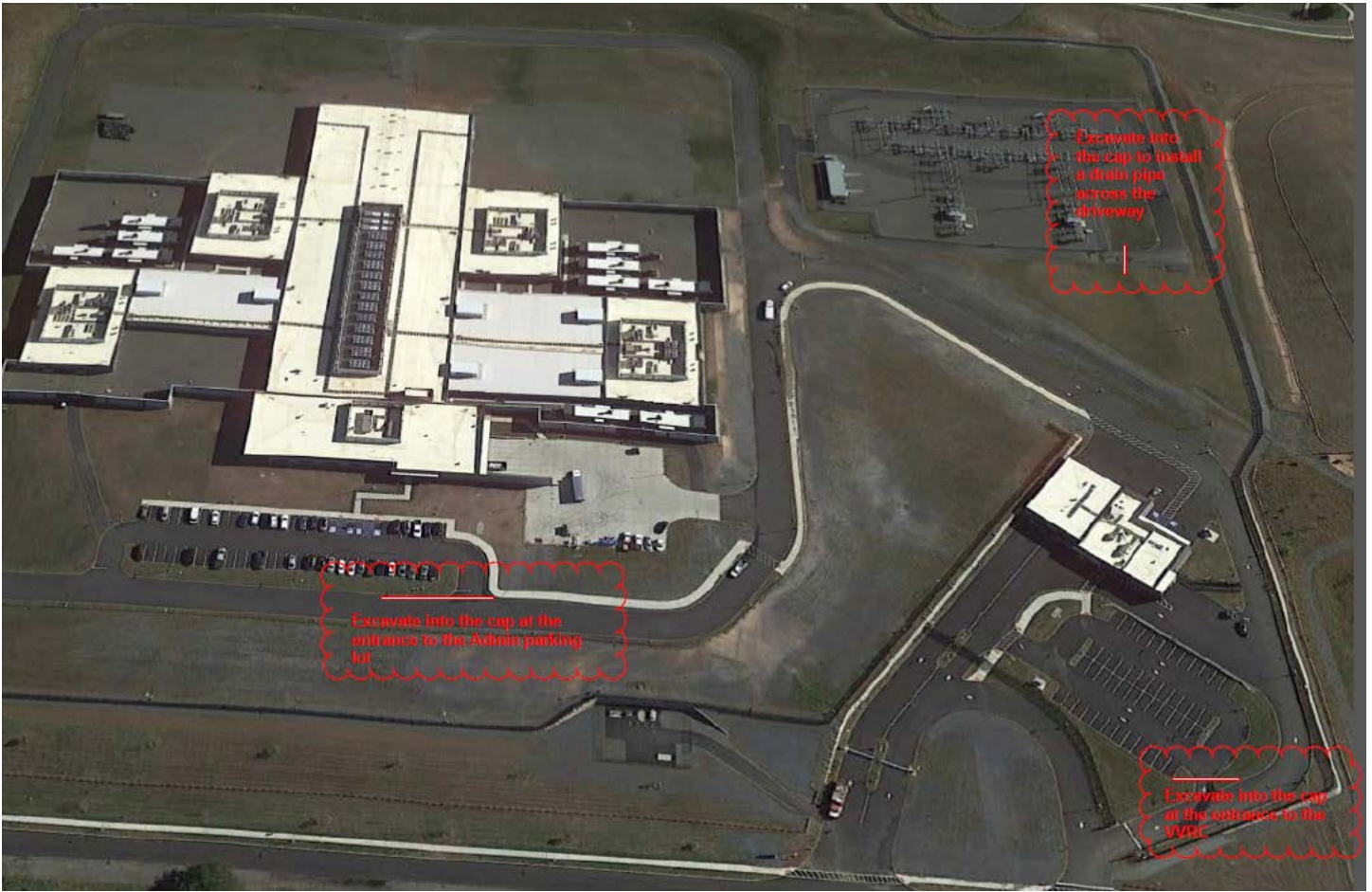
DEC Project No.:	C344080	E-Number:	NA	Date:	11/1/21
VCP Project No.:	NA	DOB Job No.:			
Project Name:	RPC – Core Area, Cap Disturbance Oversight, Orangetown, New York				

Consultant: GZA GeoEnvironmental of New York	Safety Officer: Michael O 'Sullivan Structure Tone
General Contractor: Roland Biehle Structure Tone	Site Manager/ Supervisor: James Rankhorn Structure Tone
<b>Work Activities Performed (Since Last Report):</b> <ul style="list-style-type: none"> <li>• Monitor for dust and weather, monitor VOCs in downwind location by curb-line/VVRC area.</li> <li>• Continue with hay installation in northern former trailer yard and remaining work areas where seed has been applied.</li> <li>• Mill, excavate and cut asphalt for tie-in at VVRC area.</li> <li>• Wet saw cut at small portion by Building G curb.</li> <li>• Backhoe delivery for tomorrow's soil export, remaining vehicles depart Site.</li> </ul>	

<b>Samples Collected (Since Last Report):</b> <ul style="list-style-type: none"> <li>○ No samples collected.</li> </ul>
<b>Air Monitoring (Since Last Report):</b> <ul style="list-style-type: none"> <li>○ No exceedances.</li> </ul>
<b>Deviations from the SMP:</b> None
<b>Problems Encountered:</b> None
<b>Citizen Complaints:</b> None
<b>Health and Safety-</b> None
<b>GZA Staff on Site:</b> 1 Engineering Tech

Soil Exported from the Site		
Facility Name	Soil Safe	
	Trucks	Appx. Tons
Today	0	0
Total to Date	0	0

## SITE WORK AREA





## PHOTOGRAPHS



Photo 1: Continues with hay installation in northern former trailer yard.



Photo 2: Milling, excavating, and cutting asphalt for tie-in at VVRC area.

# DAILY STATUS REPORT

Prepared By: Adam Spaulding

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50	X	50-70		70-85		>85	

DEC Project No.:	C344080	E-Number:	NA	Date:	11/2/21
VCP Project No.:	NA	DOB Job No.:			
Project Name:	RPC – Core Area, Cap Disturbance Oversight, Orangetown, New York				

Consultant: GZA GeoEnvironmental of New York	Safety Officer: Michael O 'Sullivan Structure Tone
General Contractor: Roland Biehle Structure Tone	Site Manager/ Supervisor: James Rankhorn Structure Tone

<p>Work Activities Performed (Since Last Report):</p> <ul style="list-style-type: none"> <li>• Monitor for dust and weather, monitor VOCs in downwind location by curb-line/VVRC area.</li> <li>• Complete hay installation in northern former trailer yard and remaining work areas where seed has been applied.</li> <li>• Excess soil (3 trucks) exported off-Site.</li> <li>• Wet saw cut at small portion by VVRC.</li> <li>• Remove small amount of ¾" stone in excavations to allow for asphalt replacement.</li> <li>• Expand drainage radius at far west portion of tie-in at VVRC.</li> <li>• Install barrier in far north area of former trailer ramp.</li> </ul>
--

<p>Samples Collected (Since Last Report):</p> <ul style="list-style-type: none"> <li>○ No samples collected.</li> </ul>
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<p>Air Monitoring (Since Last Report):</p> <ul style="list-style-type: none"> <li>○ No exceedances.</li> </ul>
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Deviations from the SMP: None
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Problems Encountered: None
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Citizen Complaints: None
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Health and Safety- None
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<p>GZA Staff on Site:</p> <p>1 Engineering Tech</p>
---

Soil Exported from the Site		
Facility Name	Soil Safe	
	Trucks	Appx. Tons
Today	3	75
Total to Date	3	75

**SITE WORK AREA**





**PHOTOGRAPHS**



Photo 1: Expand drainage radius at far west portion of tie-in at VVRC.



Photo 2: Wet saw cut asphalt at VVRC.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF MATERIALS MANAGEMENT

**PART 364**  
**WASTE TRANSPORTER PERMIT NO. NJ-957**

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

**PERMIT ISSUED TO:**

D&A CONTRACTING, LLC  
322 ROUTE 46 WEST, STE 120  
PARSIPPANY, NJ 07054

**PERMIT TYPE:**

- NEW  
 RENEWAL  
 MODIFICATION

CONTACT NAME: JAMES C. DEZAO  
COUNTY: OUT OF STATE  
TELEPHONE NO: (201)919-5191

EFFECTIVE DATE: 03/19/2021  
EXPIRATION DATE: 03/18/2022  
US EPA ID NUMBER:

**AUTHORIZED WASTE TYPES BY DESTINATION FACILITY: (Continued)**

The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed :

Destination Facility	Location	Waste Type(s)	Note
KINGSLAND LANDFILL CLOSURE PROJECT	LYNDHURST , NJ	Non-Hazardous Industrial/Commercial	
OVERPECK PARK LANDFILL AREA IV	PALISADES PARK , NJ	Non-Hazardous Industrial/Commercial	
P PARK NORTH LLC	PROSPECT PARK , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
PHASE III ENVIRONMENTAL	PALMERTON , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
PURE SOIL @ PERTH AMBOY	PERTH AMBOY , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
PURE SOIL TECHNOLOGIES	JACKSON , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
REPUBLIC ENVIRONMENTAL SYSTEMS (PA) INC.	HATFIELD , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
Richmond Recycling LLC	Staten Island , NY	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
SOIL SAFE, INC.	LOGAN TOWNSHIP , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
SOIL SAFE-METRO 12	CARTERET , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
TREMLEY POINT FLY ASH DISPOSAL SITE	LINDEN , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
TULLYTOWN RESOURCE RECOVERY FACILITY (PA DEP 101494)	TULLYTOWN , PA	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil	
VALLEY INDUSTRIAL PROPERTIES	EAST BANGOR , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
WASTE MANAGEMENT	MORRISVILLE , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
WASTE MANAGEMENT DRPI LANDFILL	NEW CASTLE , DE	Non-Hazardous Industrial/Commercial	
WESTERN BERKS LANDFILL	BIRDSBORO , PA	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil	
WESTSIDE TRANSLOAD LLC	NORTH BERGEN , NJ	Non-Hazardous Industrial/Commercial	

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COUNTY: OUT OF STATE  
TELEPHONE NO: (201)919-5191

EFFECTIVE DATE: 03/19/2021  
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US EPA ID NUMBER:

**AUTHORIZED VEHICLES:**

The Permittee is Authorized to Operate the Following Vehicles to Transport Waste:

(Vehicles enclosed in <>'s are authorized to haul Residential Raw Sewage and/or Septage only)

62 (Sixty Two) Permitted Vehicle(s)

NJ AS412T	NJ AW559L
NJ AS461U	NJ AW560L
NJ AS462U	NJ AW562C
NJ AS463U	NJ AW595Y
NJ AS500Y	NJ AW598Y
NJ AS501Y	NJ AW670S
NJ AS676N	NJ AW671S
NJ AT515L	NJ AW672S
NJ AT516L	NJ AW710R
NJ AT517L	NJ AW711R
NJ AT715T	NJ AW840A
NJ AT878N	NJ AW857D
NJ AT879N	NJ AW858D
NJ AT880N	NJ AW859D
NJ AU273U	NJ AW918X
NJ AU328Y	NJ AW919X
NJ AU329Y	NJ AW920X
NJ AU330Y	End of List
NJ AU426R	
NJ AU427R	
NJ AU435F	
NJ AU435J	
NJ AU436J	
NJ AU520N	
NJ AU521N	
NJ AU522N	
NJ AU674Y	
NJ AU706U	
NJ AU707U	
NJ AU739H	
NJ AU740H	
NJ AU741H	
NJ AU825V	
NJ AU872D	
NJ AU873D	
NJ AU915N	
NJ AW191T	
NJ AW244V	
NJ AW392Y	
NJ AW393Y	
NJ AW404W	
NJ AW448Y	
NJ AW449Y	
NJ AW524Y	
NJ AW525Y	





# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
02/03/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Northeast Risk Solutions Inc. 651 Old Mount Pleasant Avenue Suite 255 Livingston NJ 07039	CONTACT NAME: Theresa Grieco	
	PHONE (A/C, No, Ext): (973) 251-2646 FAX (A/C, No): (973) 251-2651 E-MAIL ADDRESS: theresa@nerisks.com	
INSURED D & A Contracting LLC 322 Route 46 W, Suite 120 Parsippany NJ 07054	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A: Westchester Surplus Lines Insurance Company	10172
	INSURER B: ACE Property & Casualty insurance Co	20699
	INSURER C: Continental Indemnity Company	28258
	INSURER D: James River Insurance Company	12203
	INSURER E:	
	INSURER F:	

COVERAGES CERTIFICATE NUMBER: CL2011213426 REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY			G71744899 002	10/02/2020	10/02/2021	EACH OCCURRENCE \$ 1,000,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000
	<input checked="" type="checkbox"/> INCLUDES CONTRACTOR'S POLLUTION LIABILITY						MED EXP (Any one person) \$ 10,000
	GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 Contractor's Poli Liab \$ 1,000,000
B	AUTOMOBILE LIABILITY			H08472440 002	10/02/2020	10/02/2021	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO						BODILY INJURY (Per person) \$
	<input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS						BODILY INJURY (Per accident) \$
	<input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident) \$
	UMBRELLA LIAB						EACH OCCURRENCE \$
	EXCESS LIAB						AGGREGATE \$
	DED RETENTION \$						\$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			46-505438-01-02	04/26/2020	04/26/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	Y/N	N/A				E.L. EACH ACCIDENT \$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below	Y					E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
D	EXCESS AUTO LIABILITY			00109357-0	11/02/2020	10/02/2021	OCCURRENCE 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
ONLY AS RESPECTS TO WORK PERFORMED BY THE INSURED.

CERTIFICATE HOLDER GFL ENVIRONMENTAL INC. 2545 HEMPSTEAD TURNPIKE SUITE 201 EAST MEADOW NY 11554	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE 

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REPUBLIC ENVIRONMENTAL SYSTEMS (PA) INC.	HATFIELD , PA	Petroleum Contaminated Soil	
SOIL SAFE, INC.	LOGAN TOWNSHIP , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
SOIL SAFE-METRO 12	CARTERET , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
TREMLEY POINT FLY ASH DISPOSAL SITE	LINDEN , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
TULLYTOWN RESOURCE RECOVERY FACILITY (PA DEP 101494)	TULLYTOWN , PA	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil	
VALLEY INDUSTRIAL PROPERTIES	EAST BANGOR , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
Vanbro Corporation	Staten Island , NY	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
WASTE MANAGEMENT DRPI LANDFILL	NEW CASTLE , DE	Non-Hazardous Industrial/Commercial	
WESTERN BERKS LANDFILL	BIRDSBORO , PA	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil	
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(Vehicles enclosed in <>'s are authorized to haul Residential Raw Sewage and/or Septage only)

58 (Fifty Eight) Permitted Vehicle(s)

NJ AS356V	NJ AU873D
NJ AS412T	NJ AU915N
NJ AS413T	NJ AU995D
NJ AS414T	NJ AW243D
NJ AS461U	NJ AW559L
NJ AS462U	NJ AW560L
NJ AS463U	NJ AW562C
NJ AS500Y	NJ AW839A
NJ AS501Y	NJ AW840A
NJ AS676N	NJ AW857D
NJ AT171P	NJ AW858D
NJ AT515L	NJ AW859D
NJ AT516L	NJ AW860D
NJ AT517L	End of List
NJ AT693C	
NJ AT715T	
NJ AT844M	
NJ AT878N	
NJ AT879N	
NJ AT880N	
NJ AT923R	
NJ AT924R	
NJ AU273U	
NJ AU328Y	
NJ AU329Y	
NJ AU330Y	
NJ AU371W	
NJ AU372W	
NJ AU426R	
NJ AU427R	
NJ AU435F	
NJ AU435J	
NJ AU436J	
NJ AU520N	
NJ AU521N	
NJ AU522N	
NJ AU674Y	
NJ AU706U	
NJ AU707U	
NJ AU739H	
NJ AU740H	
NJ AU741H	
NJ AU742H	
NJ AU825V	
NJ AU872D	



95 North Dell Ave  
Kenvil, NJ 07847

-----Original Message-----

From: James Case <[james.case@gflenv.com](mailto:james.case@gflenv.com)>  
Sent: Tuesday, October 5, 2021 2:37 PM  
To: John Hanright <[JohnHanright@nordiccontractinginc.com](mailto:JohnHanright@nordiccontractinginc.com)>  
Subject: [EXTERNAL] FW: Scan.....SOIL SAFE MANIFESTS & PRICE PROPOSAL

John,  
Phase II of this job has been approved into Soil Safe Metro 12 facility under approval # M6-2561.  
Can you please review the manifests? and make sure it reads ok before on print them up. Please also sign price proposal and send back to me. Thanks again for your patience, and the work, much appreciated.

J.Case.....10/5/2021

James Case  
Soil Safe | GFL Environmental Inc.  
2545 Hempstead Turnpike Suite 201, East Meadow, NY, 11554 T (516) 605-2110 Ext. 30346 | F (516) 605-2117 | C (516) 972-3896 | [james.case@gflenv.com](mailto:james.case@gflenv.com) |  
<https://nam02.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.soilsafe.com%2F&data=04%7C01%7CRoland.Biehle%40structuretone.com%7C73bdb14671224f64dbd908d9883138eb%7C9c570b9dde43498eb322b8bbabc139e8%7C0%7C0%7C637690567402047600%7CUnknown%7CTWFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Ikk1haWwiLCJXVCi6Mn0%3D%7C1000&sd=RV%2F5Q6GXBqBxT%2BuSNqIk0cHFfCS9SpYTtLXPg4m%2BTW4%3D&reserved=0> |  
<https://nam02.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.gflenv.com%2F&data=04%7C01%7CRoland.Biehle%40structuretone.com%7C73bdb14671224f64dbd908d9883138eb%7C9c570b9dde43498eb322b8bbabc139e8%7C0%7C0%7C637690567402057594%7CUnknown%7CTWFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Ikk1haWwiLCJXVCi6Mn0%3D%7C1000&sd=75%2F6rqz3z%2FpEXJVbyiLeeVdBGslaQnyl%2BWh7KWdrO7g%3D&reserved=0>

Confidentiality Notice: This email message (including attachments, if any) is intended for the use of the individual or entity to which it is addressed and may contain information that is privileged, proprietary, confidential and exempt from disclosure. If you are not the intended recipient, you are notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender and erase this email message immediately.

-----Original Message-----

From: Soilsafe Scan <[LongIsland@gflenv.com](mailto:LongIsland@gflenv.com)>  
Sent: Tuesday, October 5, 2021 11:33 AM  
To: James Case <[james.case@gflenv.com](mailto:james.case@gflenv.com)>  
Subject: Scan

Please open the attached document.

Number of Images: 3  
Attachment File Type: PDF

# Tonnages for M6-2561 by Date, Log Number

From 11/1/2021

To 11/6/2021

Date	Log #	Truck Number	Truck Company	City	Batch#	Net
M6-2561						
11/2/2021						
11/2/2021	5	720	gc		1000	34.14
11/2/2021	10	720	gc		1000	31.09
11/2/2021	11	720	gc		1000	25.94
Total volume for Date = 11/2/2021 (3 detail records)					91.17	Average Weight: 30.39
Total Volume for Approval Number = M6-2561 (3 detail records)					91.17	
Total Trucks: 3						
Grand Total				91.17		

# SOIL SAFE, INC.

## NON-HAZARDOUS MATERIAL MANIFEST

Log Number	154179
(5)	

### GENERATOR

Generator Name J.P. Morgan chase  
 Address 26 West Orangeburg Road  
Orangeburg NY 10962  
 Phone No. \_\_\_\_\_

Shipping Location Sycamore Data Center  
 Address 140 Old Orangeburg Road  
Orangeburg NY 10962  
 Phone No. \_\_\_\_\_

Approval Number
<u>M6-2561</u>

Description of Material
<u>Non-Hazardous Soil</u>

ID 720		
GROSS	48.51 TN	<b>GROSS</b>
TARE	14.37 TN	<b>TARE</b>
NET	34.14 TN	<b>NET</b>
11/02/2021 09:12AM		
<b>TONNAGE</b>		

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Anthony Mardalunga      [Signature]      11/2/21  
 Generator Authorized Agent Name      Signature      Shipment Date

### TRANSPORTER

Transporter Name GSC #1      Driver Name (Print) ROSTAUO N.  
 Address \_\_\_\_\_      Vehicle License No./State AU255L  
 \_\_\_\_\_      Truck Number 1

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature]      11-2-21      [Signature]      11-2-21  
 Driver Signature      Shipment Date      Driver Signature      Delivery Date

### DESTINATION

Site Name SSI-Metro12      Phone No. 800-562-4365  
 Address 300 Salt Meadow Road, Carteret, NJ 07008

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Kennel Brock Jones      [Signature]      11/2/21  
 Name of Authorized Agent      Signature      Receipt Date



# SOIL SAFE, INC.

## NON-HAZARDOUS MATERIAL MANIFEST

Log Number <u>10</u> 154178

### GENERATOR

Generator Name J.P. Morgan chase Shipping Location Sycamore Data Center  
 Address 26 West Orangeburg Road Address 140 old orangeburg Road  
Orangeburg NY 10962 Orangeburg NY 10962  
 Phone No. \_\_\_\_\_ Phone No. \_\_\_\_\_

Approval Number <u>M6-2561</u>
-----------------------------------

Description of Material <u>Non-Hazardous Soil</u>
--

ID 720	<b>GROSS</b>
GROSS 45.46 TN	<b>TARE</b>
TARE 14.37 TN	RECALLED
NET 31.09 TN	<b>NET</b>
11/02/2021 11:59AM	<b>TONNAGE</b>

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Anthony Madalena [Signature] 11/2/21  
 Generator Authorized Agent Name Signature Shipment Date

### TRANSPORTER

Transporter Name G & C Driver Name (Print) GUSTAVO NARDOJO  
 Address \_\_\_\_\_ Vehicle License No./State AU 255 L  
 Truck Number (1)

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] 11-2-21 [Signature] 11-2-21  
 Driver Signature Shipment Date Driver Signature Delivery Date

### DESTINATION

Site Name SSI-Metro12 Phone No. 800-562-4365  
 Address 300 Salt Meadow Road, Carteret, NJ 07008

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Kunal Braastrik [Signature] 11/2/21  
 Name of Authorized Agent Signature Receipt Date

# SOIL SAFE, INC.

Log Number  
11 154180

## NON-HAZARDOUS MATERIAL MANIFEST

### GENERATOR

Generator Name J.P. Morgan Chase Shipping Location Sycamore Data Center  
 Address 26 West Orangeburg Road Address 140 Old Orangeburg Road  
Orangeburg NY 10962 Orangeburg NY 10962  
 Phone No. \_\_\_\_\_ Phone No. \_\_\_\_\_

Approval Number  
M6-2561

Description of Material  
Non-Hazardous Soil

ID 720  
 GROSS 40.31 TN  
 TARE 14.37 TN RECALLED  
 NET 25.94 TN  
 11/02/2021 02:46PM  
**GROSS TARE NET TONNAGE**

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Anthony Marchese Generator Authorized Agent Name [Signature] Signature 11/2/21 Shipment Date

### TRANSPORTER

Transporter Name GC #1 Driver Name (Print) GUSTAVO N.  
 Address \_\_\_\_\_ Vehicle License No./State AU 255L  
 Truck Number 1

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] Driver Signature 11-2-21 Shipment Date [Signature] Driver Signature 11-2-21 Delivery Date

### DESTINATION

Site Name SSI-Metro12 Phone No. 800-562-4365  
 Address 300 Salt Meadow Road, Carteret, NJ 07008

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] Name of Authorized Agent [Signature] Signature 11/2/21 Receipt Date