33 4TH STREET

BROOKLYN, NEW YORK

Remedial Action Report

NYC VCP Project Number 23CVCP055K

OER Project Number 22TMP1159K, 22EH-N265K

Prepared For:

GH Management, LLC

33 4th Street

Brooklyn, NY 11231

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REMEDIAL ACTION REPORT

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LIST OF ACRONYMS

Acronym	Definition
CAMP	Community Air Monitoring Plan
DER-10	NYS DEC Division of Environmental Remediation Technical Guidance Manual 10
DUSR	Data Usability Summary Report
EC	Engineering Control
HASP	Health and Safety Plan
IC	Institutional Control
NYC VCP	New York City Voluntary Cleanup Program
NYC DEP	New York City Department of Environmental Protection
NYC DOHMH	New York City Department of Health and Mental Hygiene
NYC OER	New York City Office of Environmental Remediation
NYS DEC	New York State Department of Environmental Conservation
ORC	Oxygen Release Compound
PID	Photoionization Detector
QA/QC	Quality Assurance/Quality Control
QEP	Qualified Environmental Professional
RAR	Remedial Action Report
RAWP	Remedial Action Work Plan
RCA	Recycled concrete Aggregate
SCG	Standards, Criteria and Guidance
SCO	Soil Cleanup Objective
SMMP	Soil/Materials Management Plan
SMP	Site Management Plan
SPDES	State Pollutant Discharge Elimination System
SVOCs	Semi-Volatile Organic Compounds
UST	Underground Storage Tank
VOCs	Volatile Organic Compounds

CERTIFICATION

I, Hilmi U. Aydin, certify the following:

- I am currently a registered professional engineer licensed by the State of New York.
- I performed professional engineering services and had primary direct responsibility for implementation of the remedial program for the 33 4th Street site, site number 22TMP1159K, 22EH-N265K. 23CVC055K.
- I have reviewed this document, to which my signature and seal are affixed.
  The vapor barrier system and composite cover system implemented as part of construction constructed during this remedial action were designed by me or a person under my direct supervision and achieve the goals established in the Remedial Action Work Plan for this site.
- The vapor barrier system and composite cover system implemented as part of construction constructed during this remedial action were professionally observed by me or by a person under my direct supervision are accurately reflected in the text and drawings for as-built design reported in this Remedial Action Report.
- The OER-approved Remedial Action Work Plan dated December 2023 and Stipulations in a letter dated December 2023 were implemented and that all requirements in those documents have been substantively complied with. I certify that contaminated soil, fill, liquid or other material from the property was taken to facilities licensed to accept this material in full compliance with applicable laws and regulations.

Hilmi U. Aydin

Name

076759

PE License Number

Signature

01/03/25

Date

I, Ezgi Karayel, certify the following:

- I am a Qualified Environmental Professional. I had primary direct responsibility for implementation of the remedial program for the 33 4th Street site, site number 22TMP1159K, 22EH-N265K, 23CVC055K.
- The OER-approved Remedial Action Work Plan dated December 2023 and Stipulations in a letter dated December 2023 were implemented and that all requirements in those documents have been substantively complied with. I certify that contaminated soil, fill, liquid or other material from the property was taken to facilities licensed to accept this material in full compliance with applicable laws and regulations.

Ezgi Karayel

QEP Name

QEP Signature

01/03/25

Date

EXECUTIVE SUMMARY

GH Management, LLC has enrolled in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a property located at 33 4th Street in the Gowanus section of Brooklyn, New York (the "Site"). A Remedial Investigation (RI) was performed to compile and evaluate data and information necessary to develop a Remedial Action Work Plan (RAWP) in a manner that will render the Site protective of public health and the environment consistent with the contemplated end use of the property. This RAR describes the remedial action performed under the RAWP. The remedial action described in this document provides for the protection of public health and the environment and complies with applicable environmental standards, criteria and guidance and applicable laws and regulations.

Site Location and Background

The Site is located between 29-35 4th Street in the Gowanus section of Brooklyn, New York, and is identified as Block 464 and Lot 51 on the New York City Department of Finance Tax Map. The Site is approximately 15,578 square feet and is bounded by residential buildings directly to the north; 4th Street to the south, across which are mixed-residential and industrial/manufacturing use buildings; industrial/manufacturing buildings directly to the east; and residential buildings directly to the west. Prior to the construction of the new building, the Site was occupied by a one-story warehouse encompassing the entire footprint of the tax parcel. It was demolished prior to September 2023.

Summary of Redevelopment Plan

The redevelopment consisted of construction of a new 8-story mixed residential and commercial use building with a landscaped area behind the building spanning the length of the Site. The new building occupies approximately 58.94% of the tax parcel. The remaining portions consist of driveway and landscaped rear yard. The cellar is 8,591.23-square feet covering the 93.5% of the new building and 55.15% of the entire lot. The rear yard is approximately 5,535 square feet in the northern portion of the Site. The cellar is

utilized as 3,578-square feet of commercial space, and remaining spaces as gym, storage, utility rooms; the first floor is utilized as a residential lobby and residential apartments; the second through eighth floor are utilized as residential apartments; and the roof consists of amenities, mechanical, and elevator bulkhead use.

The entire Site was excavated to depths between 6 to 15 feet bgs. Approximately 70% of the Site was excavated to depths ranging from 11 to 13.5 feet bgs for the construction of cellar. The elevator pit in the central portion and deeper foundation elements (footings) were excavated to a depth of approximately 15 feet bgs within the building footprint. Open-cut excavations outside of the building footprint (i.e. 30% outside the building footprint) were excavated to depths ranging from 6 to 10 feet bgs in the northern portion of the Site to facilitate installation of rakers and retaining wall. The detention tank in the northeast corner of the Site in the rear yard (i.e. approximately 5% within the open excavation area) was excavated to approximately 12 feet bgs. The zoning designation is M1-4/R6A & R6B, denoting the Site as mixed residential and commercial use.

Summary of Description of Surrounding Property

The Site is located within a primarily mixed-residential and industrial/manufacturing area of Kings County. The Site is bounded by residential buildings directly to the north; 4th Street to the south, across which are mixed-residential and industrial/manufacturing use buildings; industrial/manufacturing buildings directly to the east; and residential buildings directly to the west. Additionally, a Brownfield Cleanup Program (BCP) Site #507652, 419-429 Hoyt Street, is located approximately 270 feet to the southeast of the Site.

According to the OER Searchable Property Environmental E-Database (SPEED), the following sensitive receptor was identified within a 500-foot radius of the site:

1. Lady Bug Preschool (approximately 187 ft to the west)

Summary of Past Site Uses and Areas of Concern

A Phase I Environmental Site Assessment (ESA) Report was prepared by Merritt Engineering Consultants, P.C. (Merritt), dated July 2001, on an adjacent site to establish Site history and identify potential recognized environmental conditions (RECs) based on a review of regulatory database reports, historical maps and photographs, and a site walk to survey the property. Based on the findings of the report, the Site was originally vacant from 1886 until 1915, where commercial uses were indicated. Based on a review of Sanborn maps, the Site has been used for mostly commercial and warehouse activities. By 1915, the Site was used for storage for house moving materials on the eastern half and an industrial school. By 1938, the school was gone, and the eastern storage structure had expanded to the rear. By 1969, the Site was vacant. From 1979 to present, the Site was used for the present warehouse. The Site remained utilized for commercial uses up until the date of the report. The Phase I ESA performed by Merritt indicated no RECs noted at the Site during the time of the report.

The AOCs identified for this site during the RI include the presence of low to moderate concentrations of chlorinated solvents and petroleum-related VOCs in the soil vapor beneath the Site.

Summary of the Work Performed under the Remedial Investigation

Vektor performed the following scope of work on behalf of the Applicant in January 2023:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Performed a geophysical survey to locate utilities in the vicinity of the proposed boring locations, and identify any unidentified underground storage tanks (USTs);
3. Advanced eight soil borings across the entire project Site, and collected sixteen soil samples for chemical analysis from the soil borings to evaluate soil quality;
4. Installed one groundwater monitoring well at the Site to evaluate the groundwater conditions beneath the Site; and

5. Installed seven soil vapor probes around Site perimeter and collected seven samples for chemical analysis.

Summary of Findings of Remedial Investigation

A remedial investigation was performed, and the results are documented in a companion document called "Remedial Investigation Report, 33 4th Street", dated May 2023 (RIR). The findings of the remedial investigation are as follows:

1. Elevation of the property is approximately 8 to 16 feet above mean sea level (msl).
2. Depth to groundwater is anticipated to be between approximately 28 to 33 feet bgs at the Site. The one well installed was dry, and no groundwater was encountered in any of the soil borings.
3. Bedrock was not encountered during the RI; however, the deepest refusal depth was encountered at 33 feet bgs.
4. The stratigraphy of the site, from the surface down, consists of fill extending approximately 0.5 to 8 ft below sidewalk underlain by various depths of poorly graded sand with trace gravel and slit. Fill consists of well graded to poorly graded sand with varying amounts of slit and gravel.
5. Eight borings were advanced to between 4 and 16 feet bgs at the Site. The sixteen soil/fill samples collected during the RI were compared to NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs) and Track 2 Restricted Residential SCOs as presented in 6NYCRR Part 375-6.8.
    - One VOC, acetone (max. of 0.097 mg/kg), was detected at a concentration above its respective Unrestricted Use SCO in one soil sample, SB-7 (11-13'), but detected below its respective Restricted Residential Use SCO.
    - Seven SVOCS, including benzo(a)anthracene (max. of 4.54 mg/kg), benzo(a)pyrene (max. of 4.27 mg/kg), benzo(b)fluoranthene (max. of 3.42 mg/kg), benzo(k)fluoranthene (max. of 3.98 mg/kg), chrysene (max. of 4.84 mg/kg), dibenzo(a,h)anthracene (max. of 0.931 mg/kg), and indeno(1,2,3-cd)pyrene (max. of 2.68 mg/kg), were detected at concentrations above their

respective Unrestricted Use SCOs in four soil samples. All maximum values of SVOCs detected were in SB-5 (0-2'). Of these SVOCs, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene were also detected to exceed their respective Restricted Residential Use SCOs in four shallow soil samples.

- One pesticide, 4,4'-DDT (max. of 0.00671 mg/kg), was detected at a concentration above its respective Unrestricted Use SCO in one shallow soil sample, SB-7 (0-2'), but detected below its respective Restricted Residential Use SCO.
- No PCBs were detected in any of the soil samples above their respective method detection limits.
- Five metals, including copper (max. of 58.6 mg/kg), lead (max. of 496 mg/kg), nickel (max. of 55.9 mg/kg), zinc (max. of 264 mg/kg), and mercury (max. of 0.658 mg/kg), were detected at concentrations above their respective Unrestricted Use SCOs in nine soil samples. Of these metals, lead was also detected above its respective Restricted Residential Use SCO in one shallow soil sample, SB-1 (0-2').
- One PFAS compound, perfluorooctanoic acid (PFOA) (max. of 0.67 mg/kg), was detected at a concentration slightly above its respective Unrestricted Use SCO in one soil sample, SB-3 (8-10'), but below its respective Restricted Residential Use SCO.

6. Groundwater was not encountered (with the deepest refusal at 33 feet bgs) within any of the advanced soil borings. A well was installed but was observed to be dry. As such, a groundwater sample was not collected.
7. Seven soil vapor probes were installed at the Site. The seven soil vapor samples collected during the RI were compared to the compounds listed in Table 3.1 of the Air Guideline Values derived by the NYSDOH located in the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion dated October 2006.

- Moderate levels of petroleum-related VOCs and low levels of chlorinated VOCs were detected.
- Total concentrations of petroleum-related VOCs, including benzene, toluene, ethylbenzene and xylenes (BTEX), ranged from 185 μg/m^3 in SV-1 to 591 μg/m^3 in SV-3.
- The chlorinated solvents 1,1,1-trichloroethane (max. of 3.8 μg/m^3 in SV-4), carbon tetrachloride (at 2 μg/m^3 in SV-4), cis-1,2-dichloroethylene (max. of 1.1 μg/m^3 in SV-3), methylene chloride (max. of 89 μg/m^3 in SV-5), trichloroethylene (max. of 2.5 μg/m^3 in SV-3), tetrachloroethylene (max. of 27 μg/m^3 in SV-3), and vinyl chloride (at 0.55 μg/m^3 in SV-6) were detected in soil vapor samples across the Site.

Summary of the Remedial Action

The Remedial Action achieved protection of public health and the environment for the intended use of the property. The Remedial Action achieved all of the Remedial Action Objectives established for the project; addressed applicable standards, criteria, and guidance; reduced mobility, toxicity and volume of contaminants; was cost effective and implementable; and used standard methods that are well established in the industry. The remedial action is effective in the short-term and long-term.

A summary of the milestones achieved in the Remedial Action is as follows:

- A Pre-Application Meeting was held on January 11, 2023.
- A Remedial Investigation (RI) was performed from January 12, 2023 to January 18, 2023.
- A RI Report was prepared to evaluate data and information necessary to develop a Remedial Action Work Plan (RAWP). A Site Contact List was established.
- A RAWP was prepared and released with a Fact Sheet on November 29, 2023 for a 30-day public comment period.

- The RAWP and Stipulation List dated December 5, 2023 was approved by the New York City Office of Environmental Remediation (OER) on January 11, 2024.
- A Pre-Construction Meeting was held on March 3, 2024.
- A Fact Sheet providing notice of the start of the remedial action was issued on November 11, 2023.
- The remedial action begun on May 23, 2022 for the NYC Department of Housing Preservation and Development (HPD) 421a requirements, resumed on March 19, 2024, and completed on September 17, 2023.

Appendix B includes the RAWP and Stipulation List.

The remedial action consisted of the following tasks:

1. Prepared a Community Protection Statement and performed all required NYC VCP Citizen Participation activities according to an approved Citizen Participation Plan.
2. Mobilized site security and equipment; completed utility mark outs; and marked and staked excavation areas.
3. Performed Waste Characterization Study prior to excavation activities. Waste characterization soil samples were collected on February 16, 2024. Twelve waste characterization samples were collected at a frequency dictated by disposal facility(s).
4. Performed a Community Air Monitoring Program for particulates and volatile organic carbon compounds. CAMP was performed from March 19, 2024 to June 7, 2024, on days of sol disturbance.
5. Established Track 2 Restricted Residential Soil Cleanup Objectives (SCOs).
6. The following excavations were performed: soil was excavated to depths ranging from 11 to 13.5 feet below ground surface (bgs) for the construction of the new cellar; open cut excavations outside of the building footprint were excavated to depths ranging from 6 to 10 feet bgs in the northern portion of the Site to facilitate installation of rakers and retaining wall; the elevator pit in the central portion and

deeper foundation elements (footings) were excavated to a depth of approximately 15 feet bgs; and the detention tank in the northwest corner of the Site in the rear yard was excavated to approximately 12 feet bgs. A total of 12,072.03 tons of soil/fill was excavated and disposed of off-site as follows:

- 7,197.32 tons of non-hazardous soil/fill were transported to XRDS Recycling LLC (XRDS) at 190 Pompton Plains Cross Road in Wayne, New Jersey.
- 2,458.55 tons of non-hazardous soil/fill were transported to Harmony Foul Rift (HFR) at 1 Foul Rift Road in Belvidere, New Jersey.
- 2,416.16 tons of non-hazardous soil/fill were transported to Middlesex County Utilities Authority (MCUA) at 53 Edgeboro Road in East Brunswick, New Jersey.

7. Installed one deep soil boring to 100 feet bgs as required by the NYSDEC to investigate potential grossly contaminated materials (i.e. evidence of coal tar) due to the Site's proximity to the Gowanus Canal.
8. Screened excavated soil/fill during intrusive work for indications of contamination by visual means, odor, and monitoring with a PID. Appropriate segregation of excavated media on-Site.
9. Appropriately segregated excavated media onsite prior to disposal. Transported and disposed all soil/fill material at permitted facilities in accordance with all applicable laws and regulations for handling, transporting and disposing, and the RAWP.
10. Collected and analyzed eight end-point samples to determine the attainment of SCOs. Track 2 Residential SCOs were achieved, surpassing the originally proposed Restricted Residential SCOs.
11. Conducted materials management of excavated materials including temporarily stockpiling and segregating in accordance with defined material types and to prevent co-mingling of contaminated material and non-contaminated materials.

12. As part of development, constructed an engineered Composite Cover System consisting of 32-inch and 42-inch thick reinforced concrete mat slabs, underlain by a vapor barrier system, underlain by 6 inches of clean granular sub-base beneath, within the central portion of the new building and 5-inch reinforced concrete mat slabs underlain by a vapor barrier system, underlain by 6 inches of clean granular sub-base for slab on grade areas in the eastern and western portions of the cellar. The slab on grade in the eastern portion of the first floor consisted of an 8-inch reinforced concrete slab underlain by a vapor barrier system, underlain by 6-inches of clean granular sub-base. The 12-inch reinforced concrete slab for the detention tank in the rear yard was underlain with a vapor barrier system. The 6-inch reinforced concrete slab for the driveway/parking area in the western portion of the Site was underlain by a vapor barrier system, underlain by 8-inches of concrete. All excavated areas for the driveway and landscaped areas were backfilled with a minimum of 2 feet of clean fill atop a demarcation barrier layer. The Contractor for the cover construction was International Concrete.

13. As part of development, installed a Vapor Barrier System that consisted of 20-mil Stego Wrap manufactured by Stego Industries, 50-mil Aussie Skin 550G and 60-mil Aussie Mate 580-AL manufactured by AVM Industries. The 20-mil Stego Wrap was installed below the slab throughout the entire building footprint including elevator pits, ejector pits, and the detention tank outside the building footprint. The 20-mil Stego Wrap was extended vertically behind the ejector pits and elevator pit walls. The 50-mil Aussie Skin 550G manufactured by AVM Industries was installed behind half of the west foundation wall, which is a blindside wall, as well as the blind side north and west foundation walls. walls. The 60-mil Aussie Mate 580-AL vapor waterproofing membrane was installed behind all two-face walls (north, east, south, and half of the west foundation walls) of the new building. All welds, seams and penetrations were properly sealed according to the manufacturers' specifications to prevent preferential pathways for vapor migration. The vapor barrier system extends throughout the area occupied by the footprint of the new building and up the foundation sidewalls and was installed in accordance with

manufacturer specifications The contractor for the Vapor Barrier System construction was International Concrete.

14. Residual soil is present beneath the cover layer and will be subject to Site Management under this Remedial Action.
15. Performed all activities required for the Remedial Action, including permitting requirements and pretreatment requirements, in compliance with applicable laws and regulations.
16. Implemented storm-water pollution prevention measures in compliance with applicable laws and regulations.
17. Imported soil to be used for backfill and cover in compliance with the Remedial Action Work Plan and in accordance with applicable laws and regulations.
18. Submitted daily reports during construction oversight activities. Daily reports were submitted from February 16, 2024 to September 17, 2024; a weekly report on September 9, 2024; and a monthly report on October 18, 2024.
19. Submitted a Sustainability Report.
20. Submitted an RAR that describes the Remedial Action, certifies that the remedial requirements defined in the Remedial Action Work Plan have been achieved; defines the Site boundaries; and describes any changes from the RAWP.

REMEDIAL ACTION REPORT

1.0 SITE BACKGROUND

GH Management, LLC has enrolled in the New York City Voluntary Cleanup Program to investigate and remediate a property located at 33 4th Street in the Gowanus section of Brooklyn, New York (the "Site"). The boundary of the property subject to this Remedial Action is shown in Figure 1 and includes, in its entirety, Brooklyn Block 464 and Lot 51. The Remedial Action was performed pursuant to the OER-approved RAWP in a manner that has rendered the property protective of public health and the environment consistent with its intended use. This RAR describes the remedial action performed under the RAWP. the remedial action described in this document provides for the protection of public health and the environment and complies with applicable environmental standards, criteria and guidance (SCGs) and applicable laws and regulations.

1.1 SITE LOCATION AND BACKGROUND

The Site is located between 29-35 4th Street in the Gowanus section in Brooklyn, New York and is identified as Block 464 and Lot 51 on the New York City Department of Finance Tax Map. The Site is approximately 15,578 square feet and is bounded by residential buildings directly to the north; 4th Street to the south, followed by mixed-residential and industrial/manufacturing uses; industrial/manufacturing buildings directly to the east; and residential buildings directly to the west. Prior to the construction of the new building, the Site was occupied by a one-story warehouse encompassing the entire footprint of the tax parcel. It was demolished prior to September 2023.

A Site Location Map is shown in Figure 1 and a Site Boundary Map is shown in Figure 2.

1.2 REDEVELOPMENT PLAN

The redevelopment consisted of construction of a new 8-story mixed residential and commercial use building with a landscaped area behind the building spanning the length of the Site. The new building occupies approximately 58.94% of the tax parcel. The remaining portions consist of driveway and landscaped rear yard. The cellar is 8,591.23-square feet covering the 93.5% of the new building and 55.15% of the entire lot. The rear

yard is approximately 5,535 square feet in the northern portion of the Site. The cellar is utilized as 3,578-square feet of commercial space, and remaining spaces as gym, storage, utility rooms; the first floor is utilized as a residential lobby and residential apartments; the second through eighth floor are utilized as residential apartments; and the roof consists of amenities, mechanical, and elevator bulkhead use.

The entire Site was excavated to depths between 6 to 15 feet bgs. Approximately 70% of the Site was excavated to depths ranging from 11 to 13.5 feet bgs for the construction of cellar. The elevator pit in the central portion and deeper foundation elements (footings) were excavated to a depth of approximately 15 feet bgs within the building footprint. Open-cut excavations outside of the building footprint (i.e. 30% outside the building footprint) were excavated to depths ranging from 6 to 10 feet bgs in the northern portion of the Site to facilitate installation of rakers and retaining wall. The detention tank in the northeast corner of the Site in the rear yard (i.e. approximately 5% within the open excavation area) was excavated to approximately 12 feet bgs. The zoning designation is M1-4/R6A & R6B, denoting the Site as mixed residential and commercial use.

A map showing the building location, cellar location, and open space location is shown in the Development Plan in Figure 3.

1.3 DESCRIPTION OF SURROUNDING PROPERTY

The Site is located within a primarily mixed-residential and industrial/manufacturing area of Kings County. The Site is bounded by residential buildings directly to the north; 4th Street to the south, followed by mixed-residential and industrial/manufacturing uses; industrial/manufacturing buildings directly to the east; and residential buildings directly to the west. Additionally, a Brownfield Cleanup Program (BCP) Site #507652, 419-429 Hoyt Street, is located approximately 270 feet to the southeast of the Site.

According to the OER Searchable Property Environmental E-Database (SPEED), the following sensitive receptor was identified within a 500-foot radius of the site:

1. Lady Bug Preschool (approximately 187 ft to the west)

Figure 2 shows the surrounding land usage.

1.4 SUMMARY OF PAST SITE USES AND AREAS OF CONCERN

A Phase I Environmental Site Assessment (ESA) Report was prepared by Merritt Engineering Consultants, P.C. (Merritt), dated July 2001, on an adjacent site to establish Site history and identify potential recognized environmental conditions (RECs) based on a review of regulatory database reports, historical maps and photographs, and a site walk to survey the property. Based on the findings of the report, the Site was originally vacant from 1886 until 1915, where commercial uses were indicated. Based on a review of Sanborn maps, the site has been used for mostly commercial and warehouse activities. By 1915, the site was used for storage for house moving materials on the eastern half and an industrial school. By 1938, the school was gone, and the eastern storage structure had expanded to the rear. By 1969, the site was vacant. From 1979 to present, the site was used for the present warehouse. The Site remained utilized for commercial uses up until the date of the report. The Phase I ESA performed by Merritt indicated no RECs noted at the Site during the time of the report.

The AOCs identified for this site during the RI includes the presence of low to moderate concentrations of chlorinated solvents and petroleum related VOCs in the soil vapor beneath the Site.

1.5 SUMMARY OF WORK PERFORMED UNDER THE REMEDIAL INVESTIGATION

Vektor performed the following scope of work on behalf of the Applicant in January 2023 where Vektor:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Performed a geophysical survey to locate utilities in the vicinity of the proposed boring locations, and identify any unidentified underground storage tanks (USTs);
3. Advanced eight soil borings across the entire project Site, and collected sixteen soil samples for chemical analysis from the soil borings to evaluate soil quality;

4. Installed one groundwater monitoring well at the Site to evaluate the groundwater conditions beneath the Site; and

5. Installed seven soil vapor probes around Site perimeter and collected seven samples for chemical analysis.

1.6 SUMMARY OF FINDINGS OF REMEDIAL INVESTIGATION

A remedial investigation was performed, and the results are documented in a companion document called "Remedial Investigation Report, 33 4th Street", dated May 2023 (RIR).

1. Elevation of the property is approximately 8 to 16 feet above mean sea level (msl).
2. Depth to groundwater is anticipated to be between approximately 28 to 33 feet bgs at the Site.
3. Bedrock was not encountered during the RI; however, the deepest refusal depth was encountered at 33 feet bgs.
4. The stratigraphy of the site, from the surface down, consists of fill extending approximately 0.5 to 8 ft below sidewalk underlain by various depths of poorly graded sand with trace gravel and slit. Fill consists of well graded to poorly graded sand with varying amounts of slit and gravel.
5. Eight borings were advanced to between 4 and 16 feet bgs at the Site. The sixteen soil/fill samples collected during the RI were compared to NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs) and Track 2 Restricted Residential SCOs as presented in 6NYCRR Part 375-6.8.
    - One VOC, acetone (max. of 0.097 mg/kg), was detected at a concentration above its respective Unrestricted Use SCO in one soil sample, SB-7 (11-13'), but detected below its respective Restricted Residential Use SCO.
    - Seven SVOCS, including benzo(a)anthracene (max. of 4.54 mg/kg), benzo(a)pyrene (max. of 4.27 mg/kg), benzo(b)fluoranthene (max. of 3.42 mg/kg), benzo(k)fluoranthene (max. of 3.98 mg/kg), chrysene (max. of 4.84 mg/kg), dibenzo(a,h)anthracene (max. of 0.931 mg/kg), and indeno(1,2,3-cd)pyrene (max. of 2.68 mg/kg), were detected at concentrations above their

respective Unrestricted Use SCOs in four soil samples. All maximum values of SVOCs detected were in SB-5 (0-2'). Of these SVOCs, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene were also detected to exceed their respective Restricted Residential Use SCOs in four shallow soil samples.

- One pesticide, 4,4'-DDT (max. of 0.00671 mg/kg), was detected at a concentration above its respective Unrestricted Use SCO in one shallow soil sample, SB-7 (0-2'), but detected below its respective Restricted Residential Use SCO.
- No PCBs were detected in any of the soil samples above their respective method detection limits.
- Five metals, including copper (max. of 58.6 mg/kg), lead (max. of 496 mg/kg), nickel (max. of 55.9 mg/kg), zinc (max. of 264 mg/kg), and mercury (max. of 0.658 mg/kg), were detected at concentrations above their respective Unrestricted Use SCOs in nine soil samples. Of these metals, lead was also detected above its respective Restricted Residential Use SCO in one shallow soil sample, SB-1 (0-2').
- One PFAS compound, perfluorooctanoic acid (PFOA) (max. of 0.67 mg/kg), was detected at a concentration slightly above its respective Unrestricted Use SCO in one soil sample, SB-3 (8-10'), but below its respective Restricted Residential Use SCO.

6. Groundwater was not encountered (with the deepest refusal at 33 feet bgs) within any of the advanced soil borings. A well was installed but was observed to be dry. As such, a groundwater sample was not collected.
7. Seven soil vapor probes were installed at the Site. The seven soil vapor samples collected during the RI were compared to the compounds listed in Table 3.1 of the Air Guideline Values derived by the NYSDOH located in the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion dated October 2006.

- Moderate levels of petroleum-related VOCs and low levels of chlorinated VOCs were detected.
- Total concentrations of petroleum-related VOCs, including benzene, toluene, ethylbenzene and xylenes (BTEX), ranged from 185 µg/m^3 in SV-1 to 591 µg/m^3 in SV-3.
- The chlorinated solvents 1,1,1-trichloroethane (max. of 3.8 µg/m^3 in SV-4), carbon tetrachloride (at 2 µg/m^3 in SV-4), cis-1,2-dichloroethylene (max. of 1.1 µg/m^3 in SV-3), methylene chloride (max. of 89 µg/m^3 in SV-5), trichloroethylene (max. of 2.5 µg/m^3 in SV-3), tetrachloroethylene (max. of 27 µg/m^3 in SV-3), and vinyl chloride (at 0.55 µg/m^3 in SV-6) were detected in soil vapor samples across the Site.

Appendix A includes the RIR.

2.0 DESCRIPTION OF REMEDIAL ACTIONS

The Remedial Action was performed in accordance with an OER-approved Remedial Action Work Plan and achieved the Remedial Action Objectives established for the project. The Remedial Action was evaluated in an alternatives analysis and was determined to be protective of human health and the environment, compliant with standards, criteria, and guidelines (SCGs), effective in the short-term, effective in the long-term, capable of attaining appropriate levels of reduction of toxicity, mobility, or volume of contaminated material, implementable, cost effective, acceptable to the community, consistent with land uses, and sustainable.

A summary of the milestones achieved in the Remedial Action is as follows:

- A Pre-Application Meeting was held on January 11, 2023.
- A Remedial Investigation (RI) was performed from January 12, 2023 to January 18, 2023.
- A RI Report was prepared to evaluate data and information necessary to develop a Remedial Action Work Plan (RAWP). A Site Contact List was established.
- A RAWP was prepared and released with a Fact Sheet on November 29, 2023 for a 30-day public comment period.
- The RAWP and Stipulation List dated December 5, 2023 was approved by the New York City Office of Environmental Remediation (OER) on January 17, 2024.
- A Pre-Construction Meeting was held on March 3, 2024.
- A Fact Sheet providing notice of the start of the remedial action was issued on November 11, 2023.
- The remedial action begun on May 23, 2022 for the NYC Department of Housing Preservation and Development (HPD) 421a requirements, resumed on March 19, 2024, and completed on September 17, 2024.

Appendix B includes the RAWP and Stipulation List.

The remedial action consisted of the following tasks:

1. Prepared a Community Protection Statement and performed all required NYC VCP Citizen Participation activities according to an approved Citizen Participation Plan.
2. Mobilized site security and equipment; completed utility mark outs; and marked and staked excavation areas.
3. Performed Waste Characterization Study prior to excavation activities. Waste characterization soil samples were collected on February 16, 2024. Twelve waste characterization samples were collected at a frequency dictated by disposal facility(s).
4. Performed a Community Air Monitoring Program for particulates and volatile organic carbon compounds. CAMP was performed from March 19, 2024 to June 7, 2024, on days of sol disturbance.
5. Established Track 2 Restricted Residential Soil Cleanup Objectives (SCOs).
6. The following excavations were performed: soil was excavated to depths ranging from 11 to 13.5 feet below ground surface (bgs) for the construction of the new cellar; open cut excavations outside of the building footprint were excavated to depths ranging from 6 to 10 feet bgs in the northern portion of the Site to facilitate installation of rakers and retaining wall; the elevator pit in the central portion and deeper foundation elements (footings) were excavated to a depth of approximately 15 feet bgs; and the detention tank in the northwest corner of the Site in the rear yard was excavated to approximately 12 feet bgs. A total of 12,072.03 tons of soil/fill was excavated and disposed of off-site as follows:
    - 7,197.32 tons of non-hazardous soil/fill were transported to XRDS Recycling LLC (XRDS) at 190 Pompton Plains Cross Road in Wayne, New Jersey.
    - 2,458.55 tons of non-hazardous soil/fill were transported to Harmony Foul Rift (HFR) at 1 Foul Rift Road in Belvidere, New Jersey.

- 2,416.16 tons of non-hazardous soil/fill were transported to Middlesex County Utilities Authority (MCUA) at 53 Edgeboro Road in East Brunswick, New Jersey.

7. Installed one deep soil boring to 100 feet bgs as required by the NYSDEC to investigate potential grossly contaminated materials (i.e. evidence of coal tar) due to the Site's proximity to the Gowanus Canal.
8. Screened excavated soil/fill during intrusive work for indications of contamination by visual means, odor, and monitoring with a PID. Appropriate segregation of excavated media on-Site.
9. Appropriately segregated excavated media onsite prior to disposal. Transported and disposed all soil/fill material at permitted facilities in accordance with all applicable laws and regulations for handling, transporting and disposing, and the RAWP.
10. Collected and analyzed eight end-point samples to determine the attainment of SCOs. Track 2 Residential SCOs were achieved, surpassing the originally proposed Restricted Residential SCOs.
11. Conducted materials management of excavated materials including temporarily stockpiling and segregating in accordance with defined material types and to prevent co-mingling of contaminated material and non-contaminated materials.
12. As part of development, constructed an engineered Composite Cover System consisting of 32-inch and 42-inch thick reinforced concrete mat slabs, underlain by a vapor barrier system, underlain by 6 inches of clean granular sub-base beneath, within the central portion of the new building and 5-inch reinforced concrete mat slabs underlain by a vapor barrier system, underlain by 6 inches of clean granular sub-base for slab on grade areas in the eastern and western portions of the cellar. The slab on grade in the eastern portion of the first floor consisted of an 8-inch reinforced concrete slab underlain by a vapor barrier system, underlain by 6-inches of clean granular sub-base. The 12-inch reinforced concrete slab for the detention tank in the rear yard was underlain with a vapor barrier system. The 6-inch reinforced concrete slab for the driveway/parking area in the western portion of the

Site was underlain by a vapor barrier system, underlain by 8-inches of concrete. All excavated areas for the driveway and landscaped areas were backfilled with a minimum of 2 feet of clean fill atop a demarcation barrier layer. The Contractor for the cover construction was International Concrete.

13. As part of development, installed a Vapor Barrier System that consisted of 20-mil Stego Wrap manufactured by Stego Industries, 50-mil Aussie Skin 550G and 60-mil Aussie Mate 580-AL manufactured by AVM Industries. The 20-mil Stego Wrap was installed below the slab throughout the entire building footprint including elevator pits, ejector pits, and the detention tank outside the building footprint. The 20-mil Stego Wrap was extended vertically behind the ejector pits and elevator pit walls. The 50-mil Aussie Skin 550G manufactured by AVM Industries was installed behind half of the west foundation wall, which is a blindside wall, as well as the blind side north and west foundation walls. walls. The 60-mil Aussie Mate 580-AL vapor waterproofing membrane was installed behind all two-face walls (north, east, south, and half of the west foundation walls) of the new building. All welds, seams and penetrations were properly sealed according to the manufacturers' specifications to prevent preferential pathways for vapor migration. The vapor barrier system extends throughout the area occupied by the footprint of the new building and up the foundation sidewalls and was installed in accordance with manufacturer specifications. The contractor for the Vapor Barrier System construction was International Concrete.
14. Residual soil is present beneath the cover layer and will be subject to Site Management under this Remedial Action.
15. Performed all activities required for the Remedial Action, including permitting requirements and pretreatment requirements, in compliance with applicable laws and regulations.
16. Implemented storm-water pollution prevention measures in compliance with applicable laws and regulations.

17. Imported soil to be used for backfill and cover in compliance with the Remedial Action Work Plan and in accordance with applicable laws and regulations.

18. Submitted daily reports during construction oversight activities. Daily reports were submitted from February 16, 2024 to September 17, 2024; a weekly report on September 9, 2024; and a monthly report on October 18, 2024.

19. Submitted a Sustainability Report.

20. Submitted an RAR that describes the Remedial Action, certifies that the remedial requirements defined in the Remedial Action Work Plan have been achieved; defines the Site boundaries; and describes any changes from the RAWP.

3.0 COMPLIANCE WITH remedial action work plan

3.1 CONSTRUCTION HEALTH & SAFETY PLAN

The remedial construction activities performed under this program were in compliance with the Construction Health and Safety Plan and applicable laws and regulations. The Site Safety Coordinator was Samuel Bell.

3.2 COMMUNITY AIR MONITORING PLAN

The Community Air Monitoring Plan provided for the collection and analysis of air samples during remedial construction activities to ensure proper protections were employed to protect workers and the neighboring community. Monitoring was performed from March 19, 2024 to June 7, 2024 in compliance with the Community Air Monitoring Plan in the approved RAWP.

Downwind CAMP dust exceedance from 8:18 to 8:33 AM (Max. 155.8 mg/m^3) due to due to the proximity of concrete chopping activity on June 6, 2024. Workers applied dust suppression during the work and readings returned to normal. No other exceedances were reported. The contractor utilized fresh water to suppress any dust during invasive activities.

The results of Community Air Monitoring are shown in Appendix D.

3.3 SOIL/MATERIALS MANAGEMENT PLAN

The Soil/Materials Management Plan provided detailed plans for managing all soil/materials that were disturbed at the Site, including excavation, handling, storage, transport and disposal. It also included a series of controls to assure effective, nuisance-free remedial activity in compliance with applicable laws and regulations. Remedial construction activities performed under this program were in compliance with the SMMP in the approved RAWP.

3.4 STORM-WATER POLLUTION PREVENTION

Storm water pollution prevention included physical methods and processes to control and/or divert surface water flows and to limit the potential for erosion and migration of Site soils, via wind or water. Remedial construction activities performed under this program were in full compliance with methods and processes defined in the RAWP for storm water prevention and applicable laws and regulations.

3.5 **DEVIATIONS** FROM THE REMEDIAL ACTION WORK PLAN

The following deviations were noted from the Remedial Action Work Plan:

- The vapor barrier system was changed to AVM 550 Aussie for one-face walls and AVM 580-AL for two-faced walls from the originally outlined Stego Wrap 20-mil proposed in the RAWP. Before installation of these products, a revisions memo with revised figures was submitted to OER for their review and approval. OER requested a letter from the manufacturer of Aussie products, AVM Industries, to confirm that the two products in use are compatible. Upon review of the letter from AVM industries, OER approved the deviation from the RAWP A copy of the submission for the revision request and approval is included in Appendix K.

- A daily status report (DSR) dated June 28, 2024 was not submitted to OER due to an internal administrative oversight. Remedial oversight was conducted and the DSR for June 28, 2024 is included as an appendix with the other DSRs.

4.0 REMEDIAL PROGRAM

4.1 PROJECT ORGANIZATION

Principal personnel who participated in the remedial action included Antonio Cardenas (Environmental Scientist). The Professional Engineer (PE) and Qualified Environmental Professional (QEP) for this project are Hilmi U. Aydin, and Ezgi Karayel, respectively. The developer of the Site was GH Management, LLC. The General Contractor was MNC General Contractors. The excavation/foundation contractor was International Concrete.

4.2 SITE CONTROLS

Pre-Construction Meeting

A pre-construction meeting was held virtually on May 6, 2022 prior to the installation of 421a foundation element.

A second pre-construction meeting was held virtually on March 3, 2024 prior to the implementation of RAWP with all parties involved in the remedial process prior to the start of remedial construction activities.

Site Preparation

Mobilization was conducted as necessary for each phase of work at The Site on May 23, 2022 for the NYC Department of Housing Preservation and Development (HPD) 421a requirements, and resumed in March 19, 2024.

Mobilization included field personnel orientation, equipment mobilization (including securing all sampling equipment needed for the field investigation), marking/staking sampling locations, and utility mark-outs. Each field team member attended an orientation meeting to become familiar with the general operation of the Site, health and safety requirements, and field procedures.

Mobilization at the Site started in March 2024.

Utility Marker Layouts, Easement Layouts

The presence of utilities and easements on the Site was fully investigated prior to the performance of invasive work such as excavation or drilling under this plan by using, at a minimum, the One-Call System (811). Underground utilities may pose an electrocution, explosion, or other hazard during excavation or drilling activities. All invasive activities were performed in compliance with applicable laws and regulations to assure safety. Utility companies and other responsible authorities were contacted to locate and mark the locations. Proper safety and protective measures pertaining to utilities and easements, and compliance with all laws and regulations were employed during invasive and other work. The integrity and safety of on-Site and off-Site structures were maintained during all invasive, excavation or other remedial activity performed under the RAWP.

Equipment and Material Staging

Equipment and materials were stored and staged in a manner that complied with applicable laws and regulations.

Soil Screening

Soil screening was performed for all invasive work by use of visual, olfactory and PID soil screening. No exceedances were detected by the PID, and no unusual characteristics were observed for the entirety of the project.

Stockpile Management

Soil stockpiles were kept covered with tarps to prevent dust, odor and erosion. Stockpiles were frequently inspected.

Truck Inspection

An outbound-truck inspection station was set up close to the Site exit. Before exiting the Site, trucks were required to stop at the truck inspection station and be examined for evidence of contaminated soil on the undercarriage, body, and wheels. Soil and debris

were removed. Brooms, shovels and clean water were utilized for the removal of soil from vehicles and equipment, as necessary.

Site Security

Entry to the Site was Controlled by the NYCDOB approved gated entrance of the construction fence. The fence was locked with a chain and padlock during non-working times.

Nuisance Controls

There were no complaints of odor at the Site. VOCs and dust levels at the Site were not detected at concentrations warranting corrective action thereby achieving a nuisance-free remedial action.

Reporting

Daily reports were prepared and submitted to OER for every day that included ground invasive activity, excavation, trucking for disposal or involved the installation of engineering controls. Daily reports were submitted from February 16, 2024 to September 17, 2024 Daily reports contain a summary of work performed, pre-work and maximum CAMP data points, trucking log, site map, sampling information, photographs of notable site conditions, and receiving facility information. Additionally, one weekly report was submitted for the week of September 9, 2024, where no invasive work occurred. A monthly status report was submitted for October 2024.

All daily, weekly and monthly reports are included in Appendix C. Digital photographs of the Remedial Action are included in Appendix E.

4.3 MATERIALS EXCAVATION AND REMOVAL ACTION

Soil/Fill Excavation and Removal

The Site was excavated to depths ranging from 11 to 13.5 feet bgs for the cellar slab. The elevator pit in the central portion and deeper foundation elements (footings) were excavated to a depth of approximately 15 feet bgs. Open-cut excavations outside of the

building footprint were excavated to depths ranging from 6 to 10 feet bgs in the northern portion of the Site to facilitate installation of rakers and retaining wall. Open cut excavations behind support of excavation elements were excavated to approximately 5 feet bgs in the western and eastern portions of the Site. The detention tank in the northwest corner of the Site in the rear yard were excavated to approximately 12 feet bgs. A total of 12,072 tons of non-hazardous soil was excavated and removed from the property during the Removal Action. Materials removed from the Site are generally classified as follows: a total of 7,197.32 tons of non-hazardous soil/fill was excavated and transported to XRD Recycling LLC (XRDS) at 190 Pompton Plains Cross Road in Wayne, New Jersey. A total of 2,458.55 tons of non-hazardous soil/fill was excavated and transported to Harmony Foul Rift (HFR) at 1 Foul Rift Road in Belvidere, New Jersey. A total of 2,416.16 tons of non-hazardous soil/fill was excavated and transported to Middlesex County Utilities Authority (MCUA) at 53 Edgeboro Road in East Brunswick, New Jersey.

A map showing the approximate locations where excavations were performed, and approximate thickness of excavated material is shown in Figure 4. The Removal Action was performed under the oversight of Ezgi Karayel, QEP.

A map showing the plan for excavation depths is shown in Figure 4.

Onsite Reuse.

All excavated material was shipped off-site to licensed and permitted receiving facilities. No excavated materials were reused on-site.

UST Removal.

No USTs were encountered on the Site during excavation activities.

NYSDEC Petroleum Spills.

No petroleum spills occurred during remedial activities.

Dewatering.

Dewatering did not occur during remedial activities.

Demolition

Demolition of the existing buildings occurred prior to September 2023.

Soil Cleanup Objectives

The SCOs for this Remedial Action are Part 375 Restricted Residential Use SCOs.

Deep Soil Boring for Grossly Contaminated Media Assessment

One deep soil boring to 100 feet bgs was installed in the eastern portion of the Site on February 16, 2024 as required by the New York State Department of Environmental Conservation (NYSDEC) to investigate potential grossly contaminated materials (i.e.: evidence of coal tar) due to the Site's proximity to the Gowanus Canal. No evidence of GCM was identified, and therefore, no other deep borings were required to be installed. The GCM related boring installation was reported to OER on a daily report prior to the implementation of the RAWP.

End Point Sample Results

Following the completion of excavation activities at the Site, eight (8) post-excavation endpoint samples; EP-1 through EP-8, were collected. The samples were collected at the bottom of excavation at the following dates and depths to assess the performance of the remedy in comparison to Track 2 SCOs:

Sample ID	Sample Depth	Sample Date
EP-1	2.5 feet bgs	May 1, 2024
EP-2	12 feet bgs	May 24, 2024
EP-3	11 feet bgs	May 1, 2024
EP-4	14.5 feet bgs	May 9, 2024
EP-5	11 feet bgs	May 24, 2024

Sample ID	Sample Depth	Sample Date
EP-6	11 feet bgs	May 1, 2024
DUP-1 (EP-6)	11 feet bgs	May 1, 2024
EP-7	14.5 feet bgs	May 9, 2024
EP-8	15 feet bgs	May 24, 2024

All post-excavation endpoint soil samples were containerized in laboratory provided glassware, labeled and placed in coolers. Samples were picked up by the laboratory on the same day as the collection date. They were preserved on ice in the coolers to maintain a temperature of 4°C. The samples were analyzed by York Analytical Laboratories located at 120 Research Drive, Stratford, CT 06615 (New York ELAP Certification No. 10854). All end point soil samples were analyzed for VOCs via EPA Method 8260, SVOCs via EPA Method 8270, TAL Metals by EPA Method 6010, PCBs and Pesticides via EPA Method 8081/8082.

Sample results were compared to NYSDEC Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs), Track 2 Residential Use SCOs, and Track 2 Restricted Residential Use SCOs as presented in 6NYCRR Part 375-6.8.

No VOCs, SVOCs, pesticides, or PCBs were detected above their respective Track 1 Unrestricted Use SCOs in any of the post-excavation endpoint soil samples. One total metal, nickel, was detected slightly above its respective Unrestricted Use SCO of 30 ppm in EP-3 (42.7 ppm) and EP-4 (33.9 ppm); however, below its respective Residential Use SCO.

Furthermore, during the RI, eight soil borings were installed and sixteen soil samples were collected. Of these, only nickel (max. of 55.9 ppm) exceeded its respective Unrestricted Use SCO in deep samples collected below or near the bottom of excavation elevation but below Residential Use SCO.

Based on end point sample results, remedial investigation soil sample results, and determinations by OER, Track 2 Residential Cleanup was achieved at the Site.

A map of end-point sample locations is shown in Figure 5. A tabular summary of end-point sampling results compared to SCOs are included in Tables 1 through 5. Full laboratory reports for end-point samples are included in Appendix F.

End Point Data Usability Summary

Data Usability Summary Reports were not completed for the endpoint samples.

4.4 MATERIALS DISPOSAL

Soils/fill were properly characterized for off-site disposal and/or re-use in accordance with the RAWP and specific requirement of the off-site disposal and/or re-use facilities. For characterization of soils/fill for off-site disposal, the Site was divided into four horizontal grids: A1, A2, B1, and B2. The four horizontal grids were then divided into three vertical intervals (0'-5', 5'-10', and 10'-15') for a total of 12 waste management cells. Four borings were advanced within each horizontal grid (total of 16 soil borings) utilizing a direct-push Geoprobe 7822DT. A total of 12 grab and 12 five-point composite samples were collected for waste characterization purposes. Additionally, two soil samples were collected from borings B-3 and B-6 from 0 to 2 feet interval for analysis of Toxicity Characteristic Leaching Procedure (TCLP) lead due to presence of total lead over 100 ppm identified during the RI. Twelve grab samples were analyzed for total VOCs *TCL+10 & NJDEP SCC List + SRS). Twelve 5-point composite samples were analyzed for EPH Cat 2 non-fractionated, total SVOCs (TCL+20 & NJDEP SCC List + NJDEP SRS List), total cyanide, TAL metals, hexavalent chromium, mercury, TCLP Metals (8 RCRA), PCBs, total pesticides, (TCL+NJDEP SCC List +NJDEP SRS List), ignitability, corrosivity, reactivity cyanide and sulfide, and paint filter test.

A copy of the waste characterization report including figures and laboratory analytical data is included in Appendix H.

The type, quantity and disposal location of each material removed and disposed off-Site is presented below:

Disposal Location/Address	Type of Material	Quantity
XRDS Recycling LLC (XRDS) 190 Pompton Plains Cross Road, Wayne, NJ	Non-Hazardous Soil/Fill	7,197.32 tons
Harmony Foul Rift (HFR) 1 Foul Rift Road, Belvidere, NJ	Non-Hazardous Soil/Fill	2,416.16 tons
Middlesex County Utilities Authority (MCUA) 53 Edgeboro Road, East Brunswick, NJ	Non-Hazardous Soil/Fill	2,458.55 tons
Earth Efficient MSM LLC (MSM) 1080 Sand Hill Road, East Stroudsburg, PA	Construction and Demolition Debris	680 cy (aka 34 loads)

Letters from Vektor Consultants to the soil broker and/or disposal facility providing materials type, source and data, and historic fill notification form were provided on March 12, 2024. Acceptance letters from disposal facilities XRDS and HFR stating they are approved to accept above materials were provided on March 27, 2024. Acceptance letter from MCUA stating it is approved to accept above materials was provided on April 16, 2024. These letters are attached in Appendix F. Manifests are included in Appendix H. A table of individual truck transport and material disposal quantities is included in Table 7.

4.5 BACKFILL IMPORT

The following materials were imported to be utilized as truck pad use at the Site:

- A formal request to import ASTM #57 stone for truck pad use from Tilcon New York Inc.'s Mt. Hope Quarry located at 625 Mount Hope Road in Wharton, New Jersey was submitted to OER on March 13, 2024. OER approved the ASTM #57 use for the truck pad on March 14, 2024.

The following materials were imported to be utilized as backfill at the Site:

- A formal request to import ASTM #57 stone for beneath the slab use from Tilcon New York Inc.'s Mt. Hope Quarry located at 625 Mount Hope Road in Wharton, New Jersey was submitted to OER on May 29, 2024, and it was approved by OER on May 29, 2024. From March 29 to September 17, 2024, a total of 16 truckloads

(approximately 389.3 tons) of ASTM #57 stone was imported to the Site from Tilcon's Mt. Hope Quarry. The stone was placed as a 6" layer beneath the vapor barrier and new building slab. Placement of the imported stone is shown in Figure 6. Documentation of the sieve analysis from Tilcon's Mt. Hope Quarry and truck tickets are provided in Appendix I.

- A formal request to import screened clean fill for general backfill use from the XRDS Recycling facility located at Pompton Plains Cross Road in Wayne, New Jersey was submitted to OER on May 29, 2024. OER approved the screened clean fill on May 29, 2024. Another formal request to import screened clean fill for general backfill from the same facility but from a different stockpile was submitted to OER on May 30, 2024. OER approved the second stockpile of screened clean fill on June 4, 2024. Approximately 920 cubic yards of screened clean fill were imported and used as backfill on Site.

- Approximately 300 cubic yards of Clean Fill was imported from the New York City Clean Soil Bank located at 830 Forbell Street, Brooklyn, New York. This material was used behind the foundation walls as backfill.

All materials and soil imported to the property achieved the 6NYCRR Part 375-6.8 Unrestricted Use SCOs. A table of all sources of backfill with quantities for each source is shown in Table 9. Tables summarizing chemical analytical results for backfill are included in Appendix J. Full laboratory reports are included in Appendix J. A map showing backfill placement locations at the Site is shown in Figure 6.

4.6 DEMARACTION

A demarcation layer was installed outside the western foundation wall, eastern foundation wall, and the rear yard area located in the north portion of the Site. An orange polyethylene mesh was used for demarcation and was placed prior to the import and backfilling of material received from CSB and XRDS facilities.

Photographs showing the installation of the demarcation layer is included in Appendix E. The areas where the demarcation layer was installed are shown in Figure 9.

5.0 ENGINEERING CONTROLS

A Track 2 Residential Remedial Action was achieved, and Engineering Controls are not required. However, as part of construction, several protective systems were installed. These are:

(1) Composite Cover System, and
(2) Vapor Barrier System

Composite Cover System

As part of development, an engineered Composite Cover System has been built at the Site. This Composite Cover System is comprised of construction of an engineered composite cover system consisting of 32-inch and 42-inch thick reinforced concrete mat slabs, underlain by a vapor barrier system, underlain by 6 inches of clean granular sub-base beneath, within the central portion of the new building and 5-inch reinforced concrete mat slabs underlain by a vapor barrier system, underlain by 6 inches of clean granular sub-base for slab on grade areas in the eastern and western portions of the cellar. The slab on grade in the eastern portion of the first floor consisted of an 8-inch reinforced concrete slab underlain by a vapor barrier system, underlain by 6-inches of clean granular sub-base. The 12-inch reinforced concrete slab for the detention tank in the rear yard was underlain with a vapor barrier system. The 6-inch reinforced concrete slab for the driveway/parking area in the western portion of the Site was underlain by a vapor barrier system, underlain by 8-inches of concrete. All excavated areas for the driveway and landscaped areas were backfilled with a minimum of 2 feet of clean fill atop a demarcation barrier layer. The contractor for the Composite Cover System construction was International Concrete.

Figures 7a and 7b detail the as-built design and location of the Composite Cover System built at the Site. Photographs of construction of the Composite Cover System are included in Appendix E.

Vapor Barrier System

As part of development, a Vapor Barrier System has been built at the Site. The vapor barrier system consists of 20-mil Stego Wrap manufactured by Stego Industries, 50-mil Aussie Skin 550G and 60-mil Aussie Mate 580-AL manufactured by AVM Industries. The 20-mil Stego Wrap was installed below the slab throughout the entire building footprint including elevator pits, ejector pits, and the detention tank outside the building footprint. The 20-mil Stego Wrap was extended vertically behind the ejector pits and elevator pit walls. The 50-mil Aussie Skin 550G manufactured by AVM Industries was installed behind half of the west foundation wall, which is a blindside wall, as well as the blindside north and west foundation walls. walls. The 60-mil Aussie Mate 580-AL vapor waterproofing membrane was installed behind all two-face walls (north, east, south, and half of the west foundation walls) of the new building. All welds, seams and penetrations were properly sealed according to the manufacturers' specifications to prevent preferential pathways for vapor migration. The vapor barrier extends throughout the area occupied by the footprint of the new building and up the foundation sidewalls and was installed in accordance with manufacturer specifications. For the double-side foundation walls, the 20-mil Stego Wrap beneath the building foundation was extended vertically to higher than grade elevation to be overlapped and sealed with the 60-mil Aussie membrane for continuous installation. The professional engineer for the Vapor Barrier System was Hilmi Aydin. The contractor for the Vapor Barrier construction was International Concrete.

Figures 8a – 8c show the as-built engineering diagram for the Vapor Barrier System installed on this Site. Photographs of installation of the Vapor Barrier System are included in Appendix E. A copy of manufacturer's specifications for the Vapor Barrier System is included in Appendix K.

6.0 INSTITUTIONAL CONTROLS

A Track 2 Residential Remedial Action was achieved, and Institutional Controls are not required.

7.0 SITE MANAGEMENT PLAN

A Track 2 Residential Remedial Action was achieved, and Site Management is not required.

8.0 SUSTAINABILITY Report

This Remedial Action provided for sustainable remediation and redevelopment through a variety of means that are defined in this Sustainability Report.

Reuse of Clean, Recyclable Materials and Conservation of Natural Resources.

Reuse of clean, recyclable materials reduces consumption of non-renewable virgin resources and can provide energy savings and greenhouse gas reduction since these materials can be locally-derived.

The following means were used to reduce energy consumption in this project: Mass transportation was utilized during all CAMP and necessary site visits. All equipment was stored on-Site in order to utilize Public Transportation.

Conservation of non-renewable resources was achieved by the utilization of OER's Clean Soil Bank. Approximately 300 cubic yards of clean soil was received from the Clean Soil Bank.

Conversion to Clean Fuels.

Use of clean fuel improves NYC's air quality by reducing harmful emissions. Natural gas is utilized as the principal fuel in the new building.

Recontamination Control.

Recontamination after cleanup and redevelopment is completed undermines the value of work performed, may result in a property that is less protective of public health or the environment, and may necessitate additional cleanup work later that could impede future redevelopment. Recontamination can arise from future releases that occur within the property or by influx of contamination from off-Site.

The area of the Site that utilizes recontamination controls under this plan is 15,578-square feet.

Linkage with Green Building.

Green buildings provide a multitude of benefits to the city across a broad range of areas, such as reduction of energy consumption, conservation of resources, and reduction in toxic materials use.

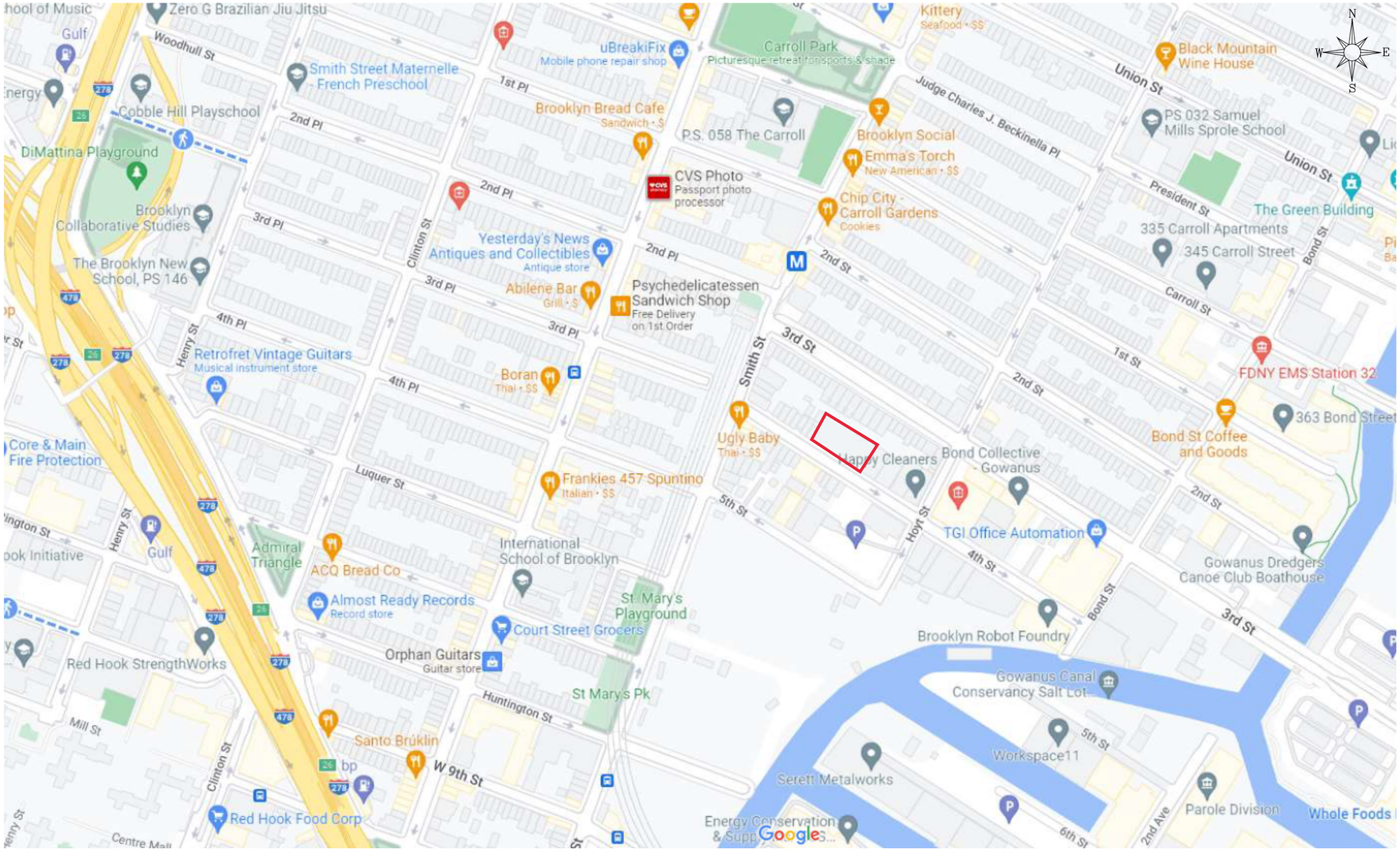
Paperless Brownfield Cleanup Program.

GH Management, LLC participated in OER's paperless Voluntary Cleanup Program. Under this program, submission of electronic documents replaced submission of hard copies for the review of project documents, communications and milestone reports. A best estimate of the mass (pounds) of paper saved under this plan is 25 pounds.

Low-Energy Project Management Program.

GH Management, LLC participated in OER's low-energy project management program. Under this program, whenever possible, meetings were held using remote communication technologies, such as videoconferencing and teleconferencing to reduce energy consumption and traffic congestion associated with personal transportation. A gross estimate of the number of miles of personal transportation that was conserved in this process is 700 miles.

FIGURES



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Legend:

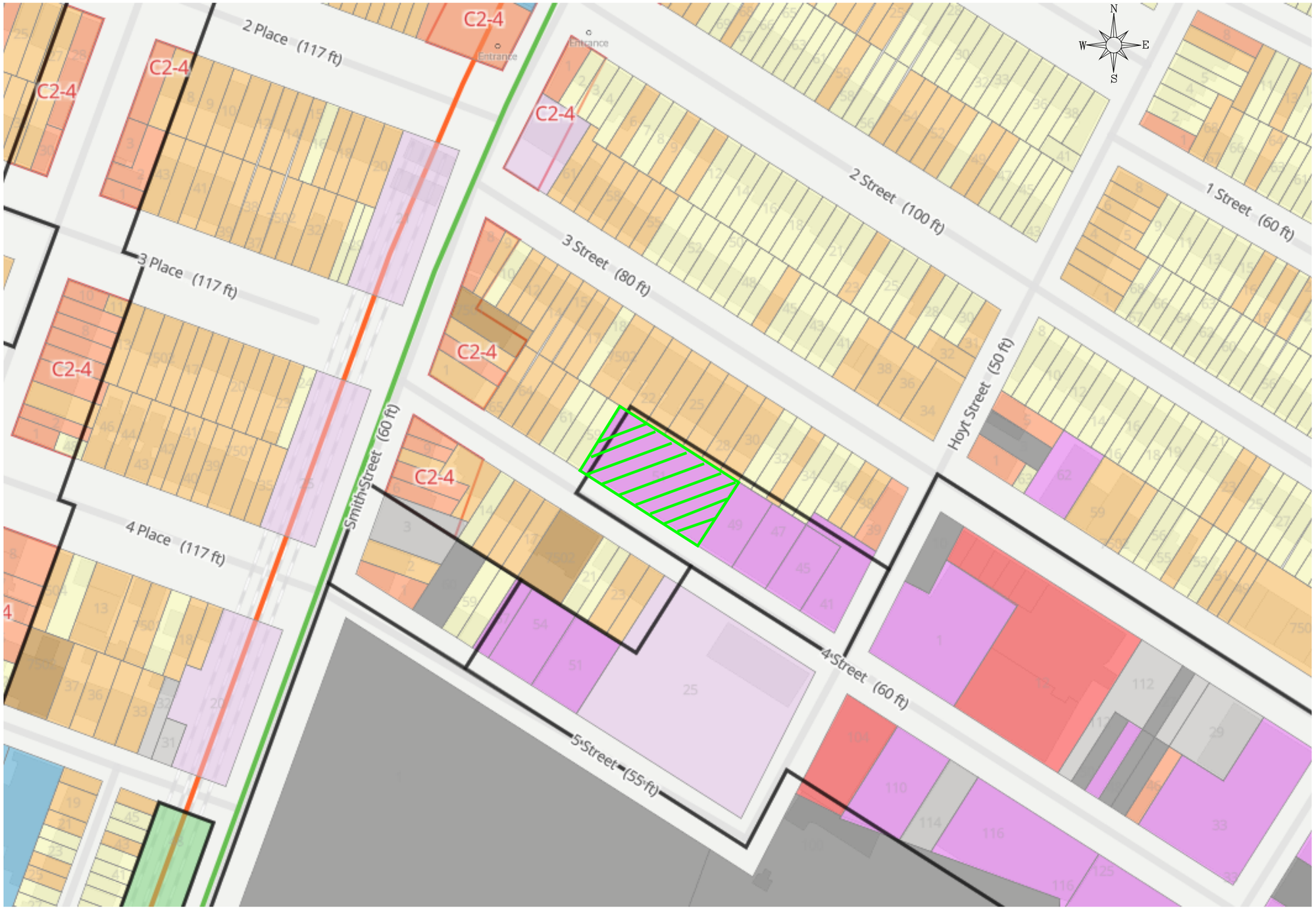
Approximate Site Location

Base Map provided by Google

Scale:

Not to Scale

Figure No.	1
Figure Name:	Site Location Map
Report:	Remedial Action Report
Date:	12/1/2023
Drawn By:	TG
Site Address:	33 4th Street Brooklyn, New York



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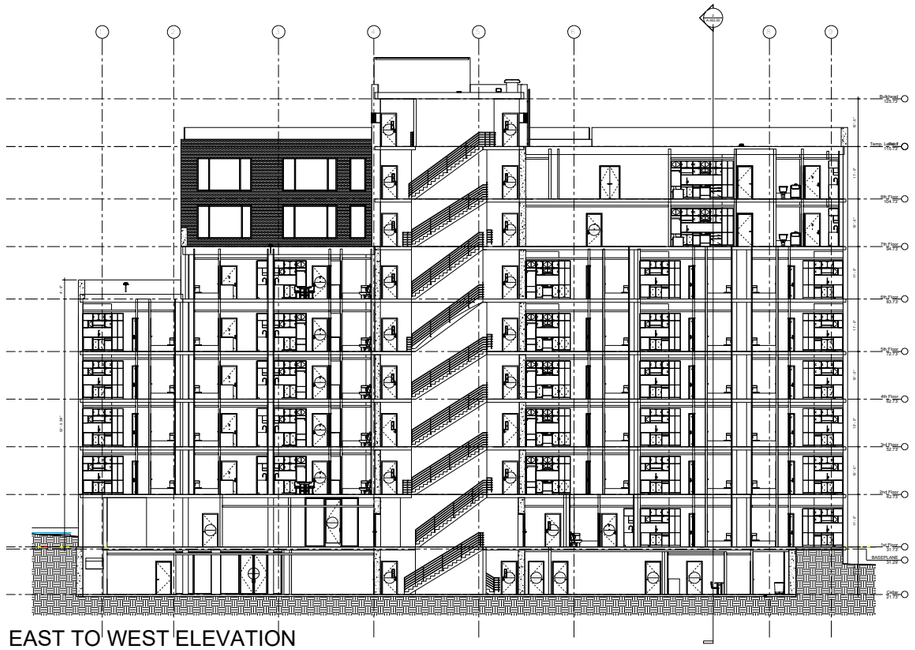
Legend:

- One and Two Family Buildings
- Multi-Family Walk-Up Buildings
- Multi-Family Elevator Buildings
- Mixed Residential and Commercial Buildings
- Commercial and Office Buildings
- Industrial and Manufacturing
- Transportation and Utility
- Public Facilities and Institutions
- Open Space and Outdoor Recreation
- Parking Facilities
- Vacant Land
- Other
- Mandatory Inclusionary Housing Areas
- Site Boundary

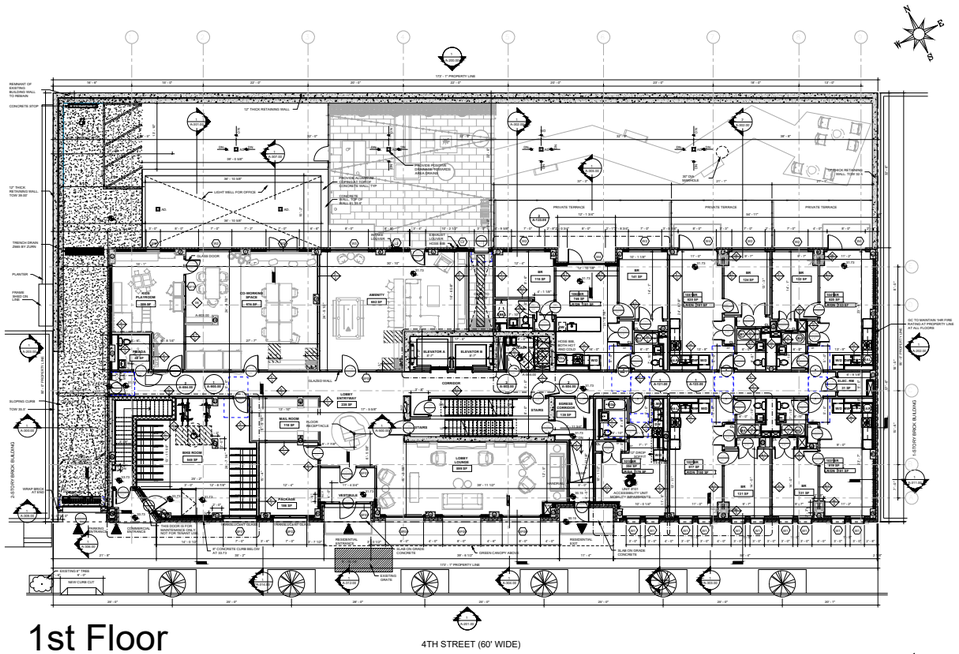
Base map provided by NYC Planning

Scale: 0 100' 200'

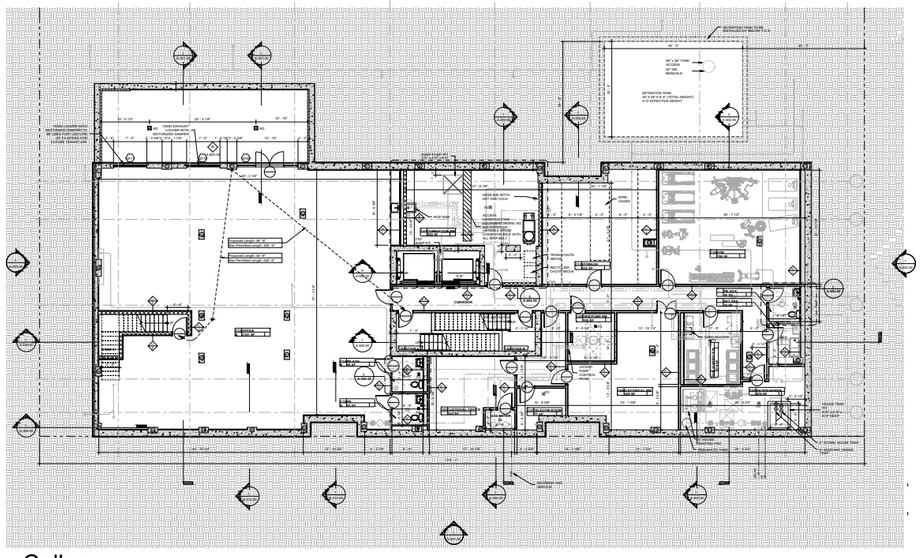
Figure No.	2
Figure Name:	Site Boundary Map
Report:	Remedial Action Report
Date:	12/1/2023
Drawn By:	TG
Site Address:	33 4th Street Broklyn, New York



EAST TO WEST ELEVATION
3/16" = 1'-0"



1st Floor
3/16" = 1'-0"



Cellar
3/16" = 1'-0"

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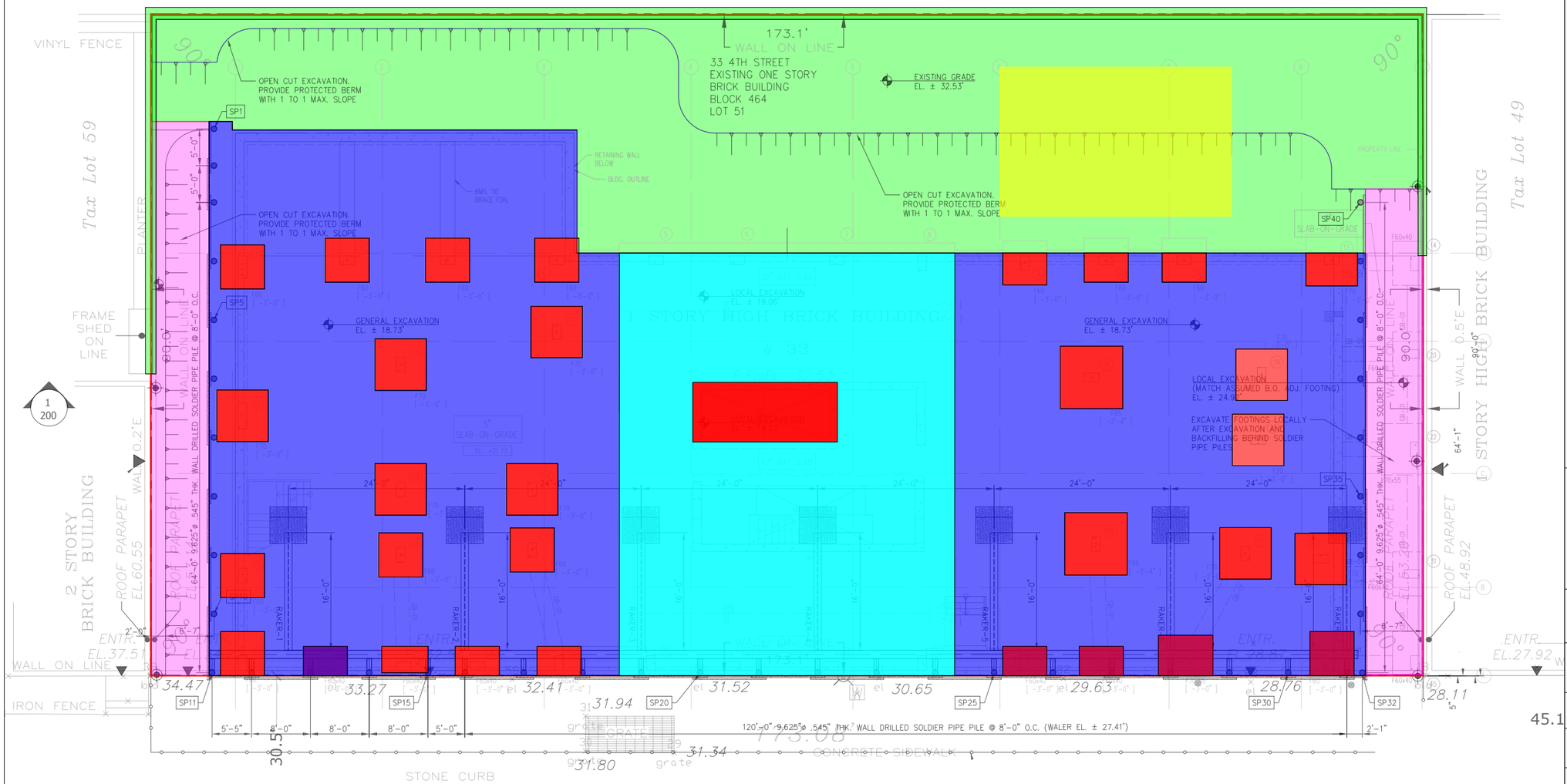
Legend:

Notes:

1. All feature locations are approximate

Scale:	AS SHOWN
Figure No.	3
Figure Name:	Development Plan
Report:	Remedial Action Report
Date:	06/11/24
Drawn By:	KB
Site Address:	33 4TH STREET BROOKLYN, NY



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Legend:

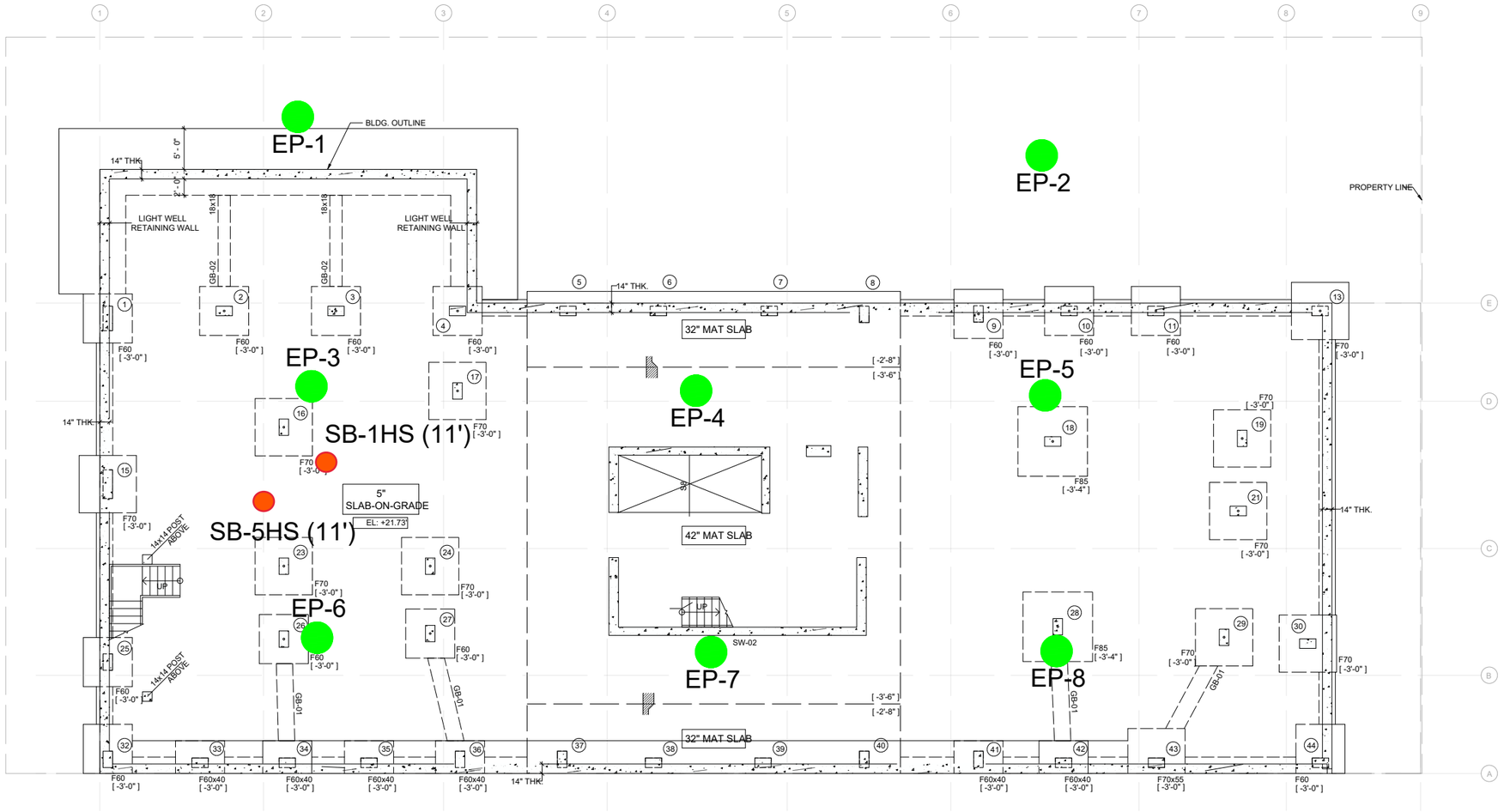
- SITE BOUNDARY
- Excavation to approximately 6-10 feet bgs
- Detention Tank Excavation to 12 feet bgs
- Excavation to approximately 11 feet bgs
- Excavation to approximately 5 feet bgs
- Excavation to approximately 15 feet bgs
- Excavation to approximately 13.5 feet bgs

Notes:

1. All feature locations are approximate

Scale: 0 — 15' — 30'

Figure No.	4
Figure Name:	Excavation Plan
Report:	Remedial Action Report
Date:	10/21/24
Drawn By:	KB
Site Address:	33 4TH STREET BROOKLYN, NY



CELLAR & FOUNDATION FRAMING PLAN

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Legend:

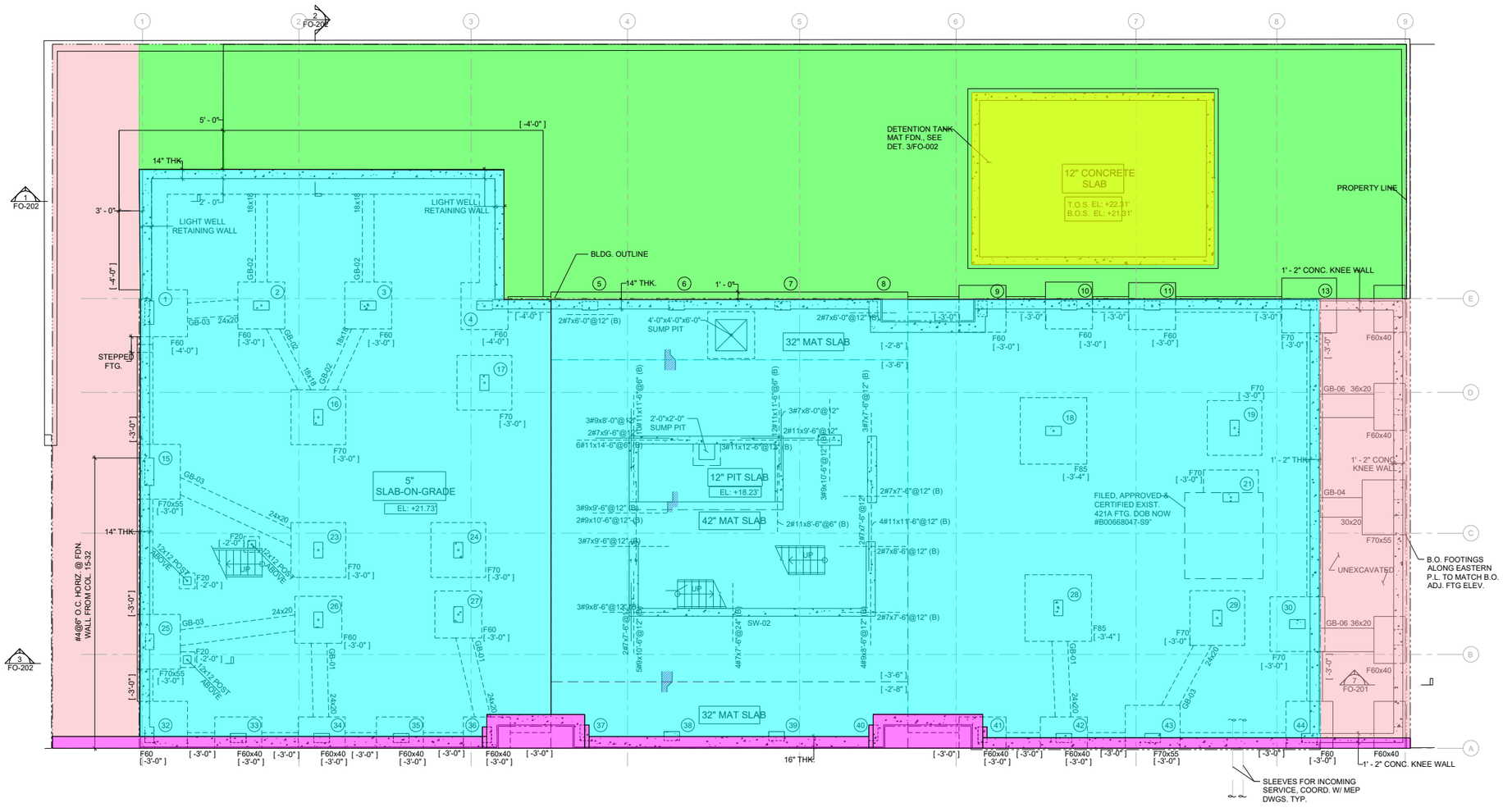
- Site Boundary
- EP-X — Endpoint Sample ID and Location
- Lead Hotspot for Soil Disposal Purposes

Notes:

1. All feature locations are approximate
2. Hotspot Endpoints analyzed for Lead

Scale: 0 — 15' — 30'

Figure No.	5
Figure Name:	Endpoint Sampling Plan
Report:	Remedial Action Report
Date:	10/28/2024
Drawn By:	KB
Site Address:	33 4TH STREET BROOKLYN, NY



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Legend:

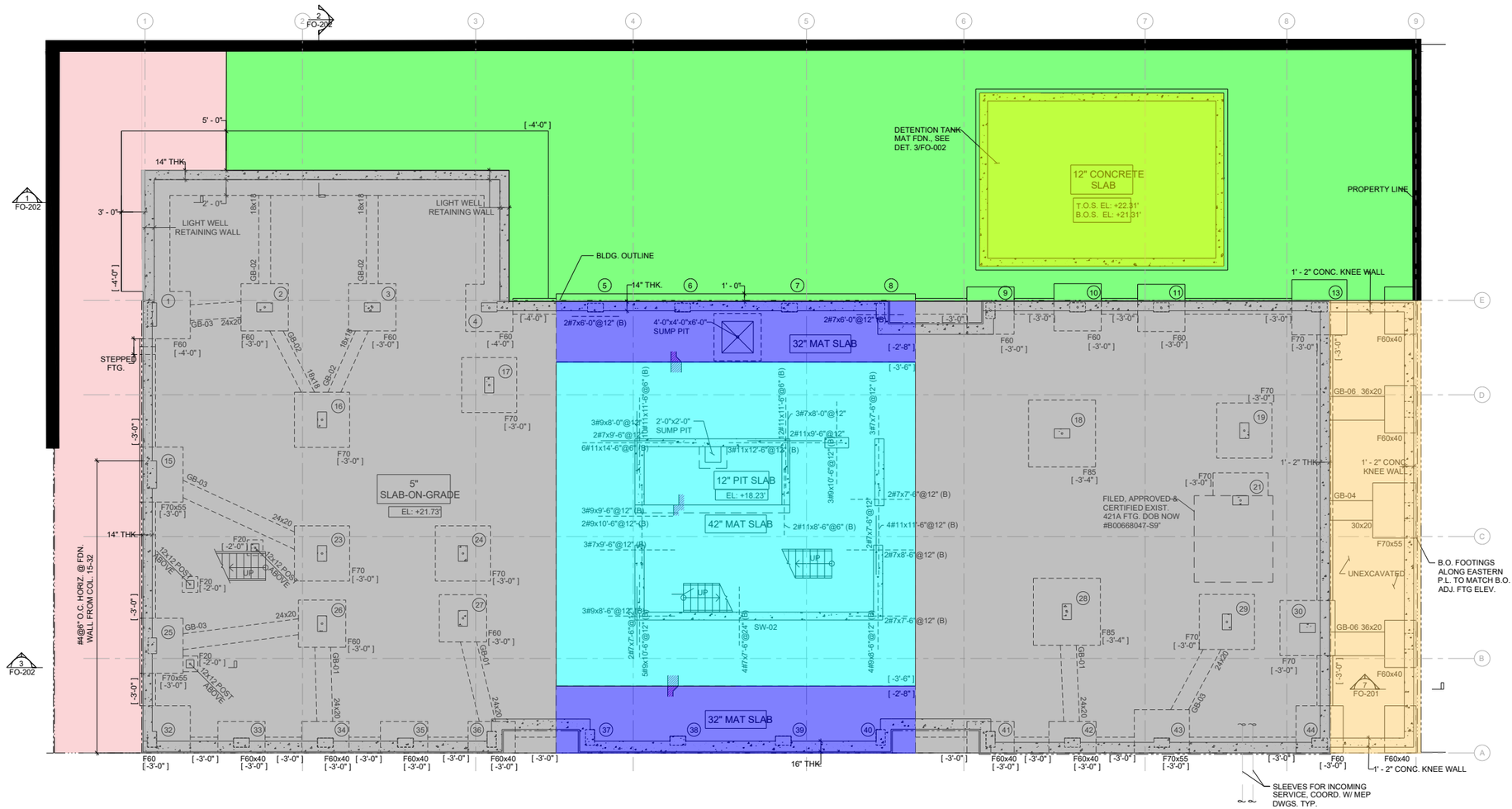
- Site Boundary
- 6 inches of clean stone (Tilcon) below building slabs
- 2 Feet of Clean Fill (XRDS) a top of installed Detention Tank vault slab
- Minimum of 2 Feet of Clean Fill (XRDS) to backfill to proposed landscape elevations (approximately 800 cu.yds)
- Approx 5 feet of Clean Fill (XRDS and CSB) to backfill SOE excavation and open cut excavation areas to meet bottom of driveway slab elevation
- Approx 6 feet of Clean Soil Bank Unrestricted Clean Fill

Notes:

1. All feature locations are approximate
2. Stone size is ASTM #57 3/4 inch
3. Clean fill sources: Tilcon New York, Inc. (8-32R) from Mount Hope NJ, XRDS Screened clean fill stockpile from 190 Pompton Cross Road Wayne, NJ, and CSB Forbell Stockpile from 830 Forbell Street, Brooklyn, NY

Scale: 0 15' 30'

Figure No.	6
Figure Name:	Backfill Placement
Report:	Remedial Action Work Plan
Date:	11/21/23
Drawn By:	KB
Site Address:	33 4TH STREET BROOKLYN, NY



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Legend:

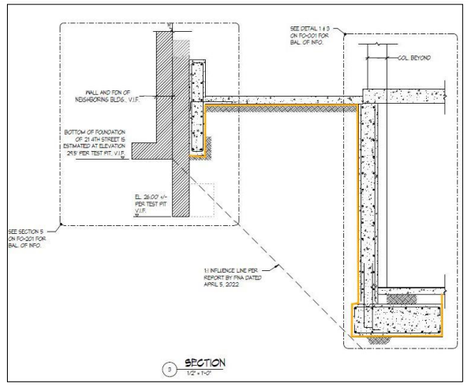
- Site Boundary
- 5-inch Reinforced Concrete Slab on Grade with VB
- 32-inch Reinforced Concrete Mat Slab with VB
- 42-inch Reinforced Concrete Mat Slab with VB
- 12-inch Reinforced Concrete Vault Slabs (Top and Bottom) with DBL and 2 feet of Clean Fill
- Minimum 2 Feet of Clean Fill a top of DBL. Includes hardscape areas
- 8-inch Reinforced Concrete Slab on Grade with DBL
- 6-inch Reinforced Concrete Driveway Slab with DBL
- 18-inch Reinforced Concrete Retaining Wall Footing with Clean Fill and DBL

Notes:

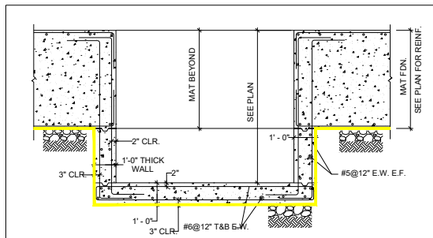
1. All feature locations are approximate
2. The thickness of the bluestone layer was mininium 6" to 8" in all areas it was installed

Scale: 0 15' 30'

Figure No.	7a
Figure Name:	As-Built Composite Cover System
Report:	RAR
Date:	11/11/24
Drawn By:	KB
Site Address:	33 4TH STREET BROOKLYN, NY

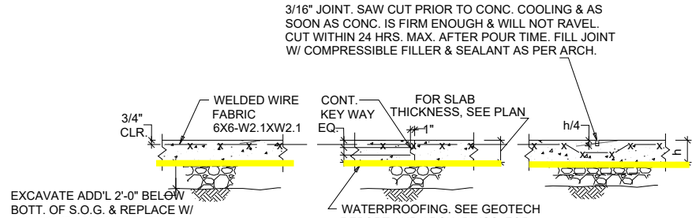


3 SECTION
1/2" = 1'-0"



2 TYPICAL PIT AT MAT FOUNDATION
1/2" = 1'-0"

3/16" JOINT. SAW CUT PRIOR TO CONC. COOLING & AS SOON AS CONC. IS FIRM ENOUGH & WILL NOT RAVEL. CUT WITHIN 24 HRS. MAX. AFTER POUR TIME. FILL JOINT W/ COMPRESSIBLE FILLER & SEALANT AS PER ARCH.



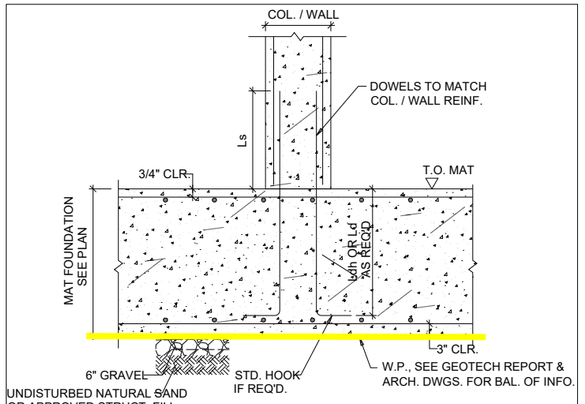
TYPICAL SLAB-ON-GRADE

CONSTRUCTION JOINTSAW CUT CONTRACTION JOINT

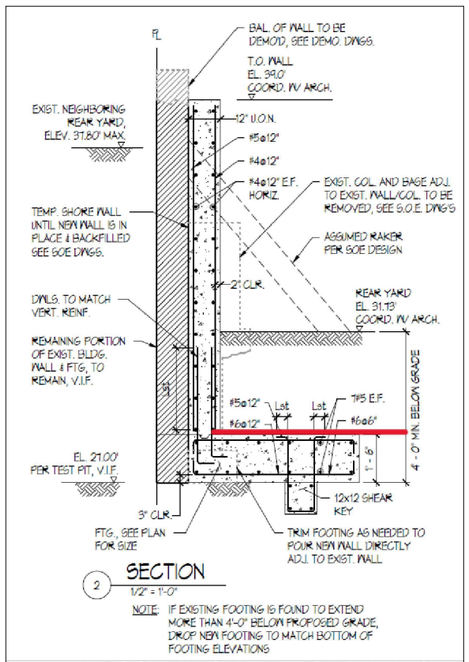
NOTE: PROVIDE CONTINUOUS WATERSTOP IN ALL JOINTS AS REQIRED BY ARCHITECT.

NOTES:
1. PROVIDE JOINTS AT 15'-0" MAX SPACING. PROVIDE JOINTS AT HALF THE INDICATED SPACING WHEN ADJACENT TO SLAB STEPS.
2. CONTRACTOR TO PROVIDE PROPOSED JOINT LAYOUT PLAN FOR REVIEW AND APPROVAL.

TYPICAL SLAB-ON-GRADE



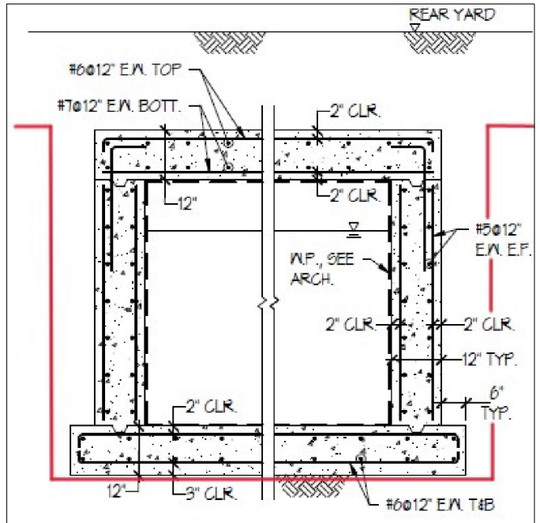
TYPICAL MAT FOUNDATION



2 SECTION
1/2" = 1'-0"

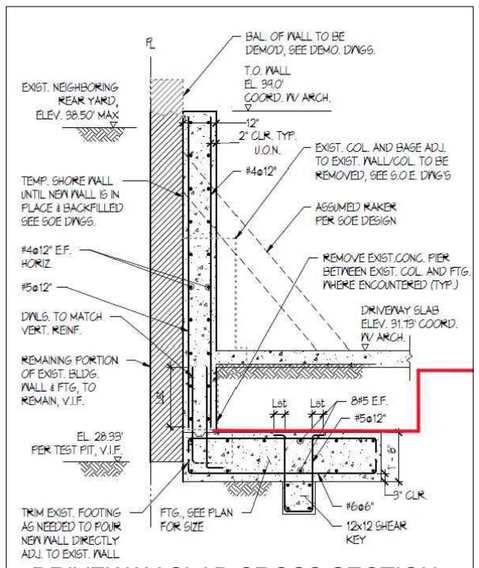
NOTE: IF EXISTING FOOTING IS FOUND TO EXTEND MORE THAN 4'-0" BELOW PROPOSED GRADE, DROP NEW FOOTING TO MATCH BOTTOM OF FOOTING ELEVATIONS

LANDSCAPING WITH RETAINING WALL FOOTING



3 DETENTION TANK DETAIL
1/2" = 1'-0" WITH LANDSCAPING

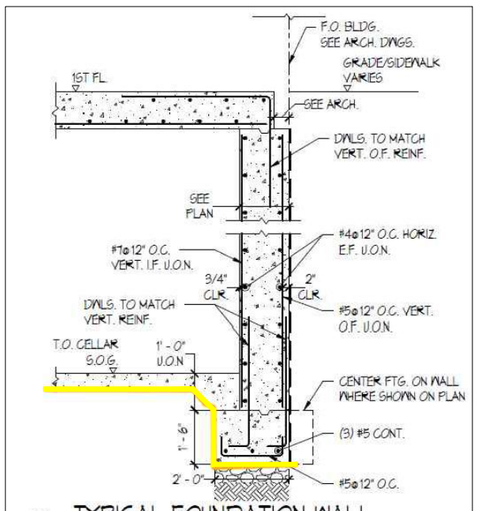
NOTE: ALL REINFORCEMENT TO BE EPOXY-COATED.



DRIVEWAY SLAB CROSS SECTION

1 SECTION
1/2" = 1'-0"

NOTE: IF EXISTING FOOTING IS FOUND TO EXTEND MORE THAN 4'-0" BELOW PROPOSED GRADE, DROP NEW FOOTING TO MATCH BOTTOM OF FOOTING ELEVATIONS



3 TYPICAL FOUNDATION WALL
1/2" = 1'-0"

NOTES:
1. PROVIDE CONTINUOUS WATERSTOPS IN JOINTS AS REQUIRED BY ARCHITECT.
2. AT SOUTH FACADE, PROVIDE LOW BRICK SHELF PER ARCHITECT. MINIMUM 8" WIDE STEM WALL.

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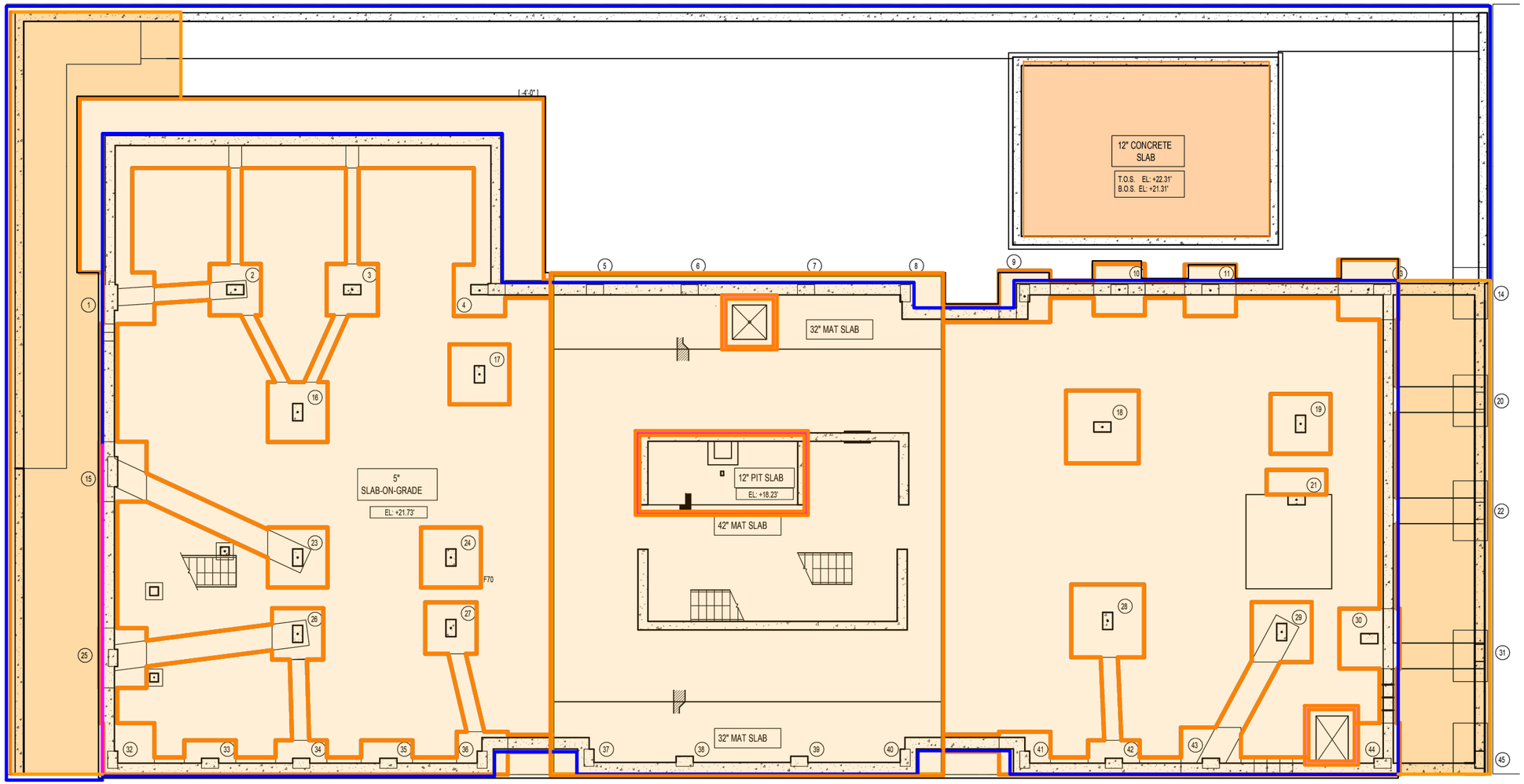
Notes:

1. Vapor Barrier (VB) is denoted as as yellow or orange in typical cross sections
2. Demarcation Barrier Layer (DBL) is denoted as red in typical cross sections

Scale:	NOT TO SCALE
Figure No.	7b
Figure Name:	As-Built Composite Cover System
Report:	RAR
Date:	11/11/2024
Drawn By:	KB
Site Address:	33 4TH STREET BROOKLYN, NY



1 0. Cellar FO Waterproofing
1" = 10'-0"

4TH STREET

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Legend:

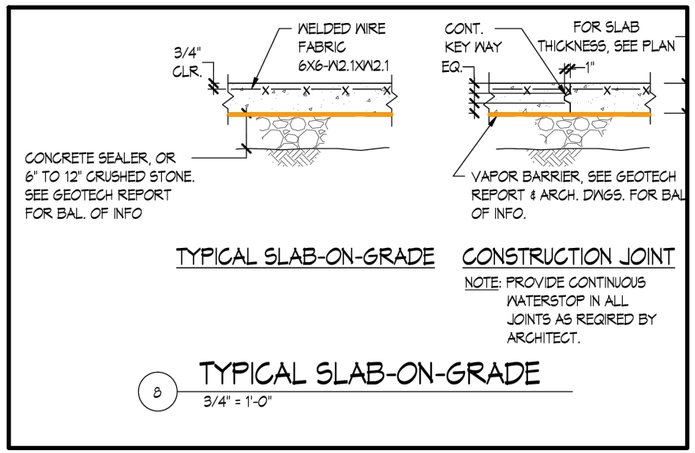
- SITE BOUNDARY
- 20-MIL STEGO WRAP (BENEATH NEW DETENTION TANK, CELLAR AND FOUNDATION ELEMENTS, (ELEVATOR PIT WALL, EJECTOR PIT WALL, BEHIND FOUNDATION WALLS)
- 60-MIL AUSSIE MATE 580-AL
- 50-MIL AUSSIE SKIN 550G

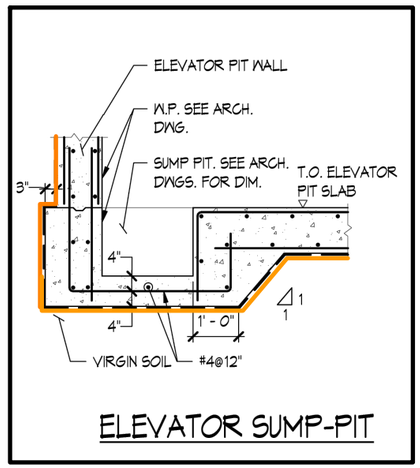
Notes:

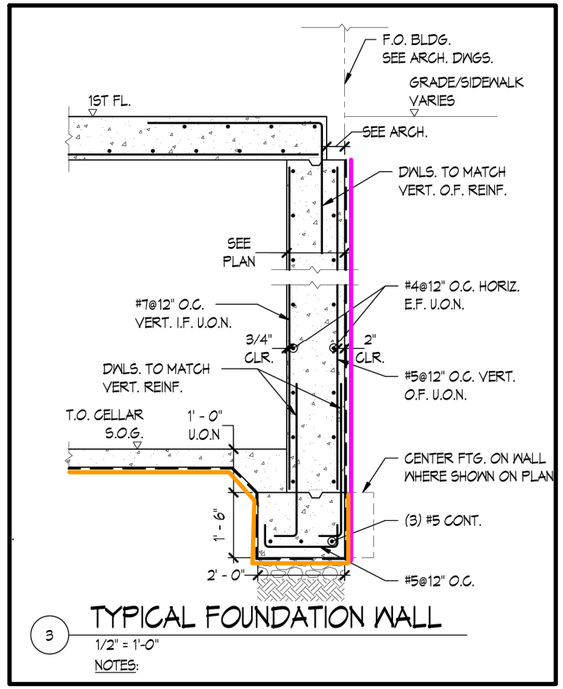
1. All feature locations are approximate
2. Vapor Barrier System (VBS) is continuous, and extended vertically behind all foundation walls up to grade level.
3. VBS installed beneath the cellar footprint, and sealed with the VBS beneath first floor outside the cellar footprint

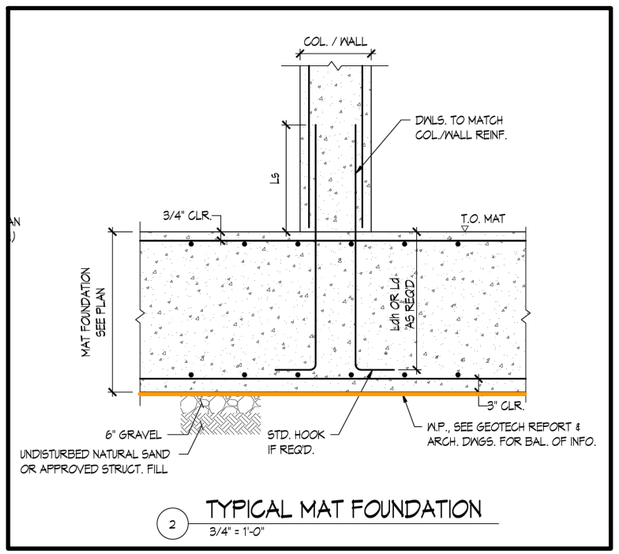
Scale: 0 15' 30'

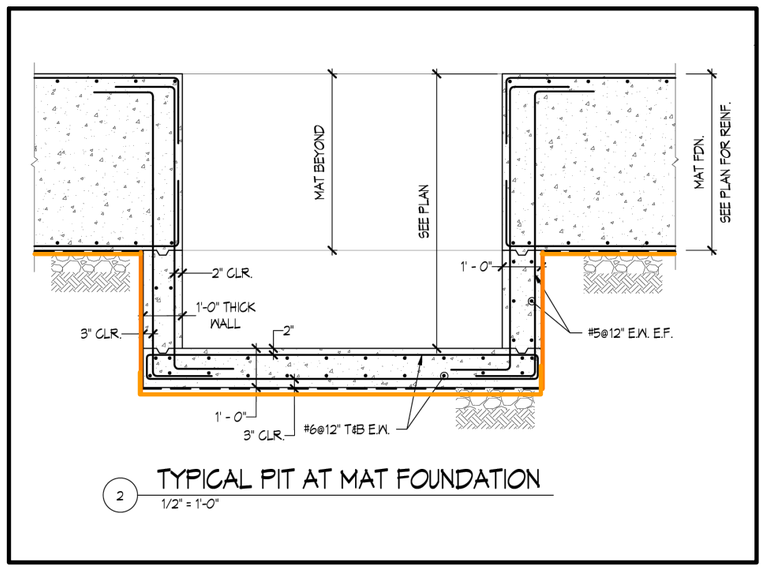
Figure No.	8a
Figure Name:	As-built Design and Location for Vapor Barrier System
Report:	RAR
Date:	11/11/2024
Drawn By:	EK
Site Address:	33 4TH STREET BROKLYN, NY











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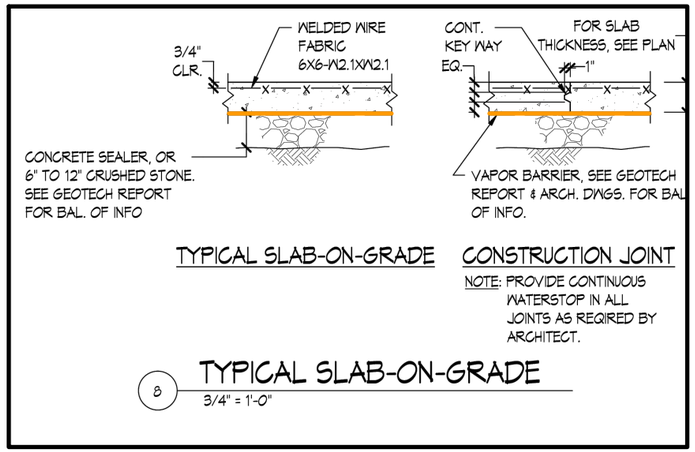
Legend:

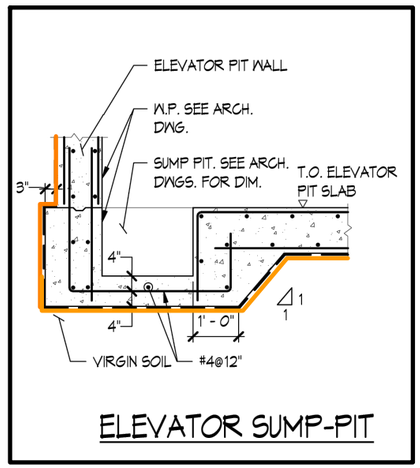
- 50-MIL AUSSIE SKIN 550G (BLINDSIDE WALLS OR 60-MIL AUSSIE MATE 580-AL (TWO-FACE WALLS)
- 20-MIL STEGO WRAP (BENEATH NEW CELLAR AND FOUNDATION ELEMENTS)

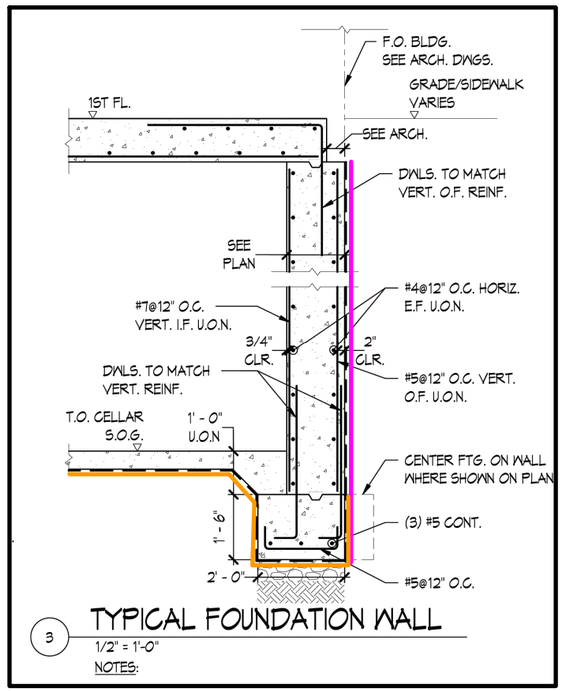
Notes:

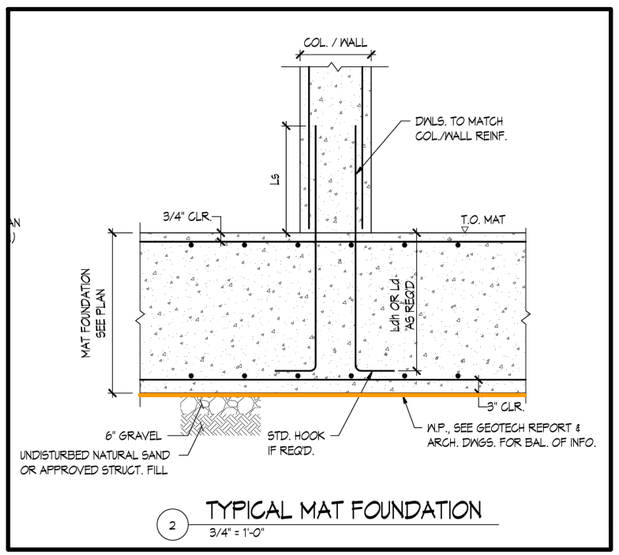
1. All feature locations are approximate
2. Vapor Barrier System (VBS) is continuous, and extended vertically behind all foundation walls up to grade level.
3. VBS installed beneath the cellar footprint, and sealed with the VBS beneath first floor outside the cellar footprint
4. Vapor barrier membranes were overlapped and sealed per manufacturer's specifications.

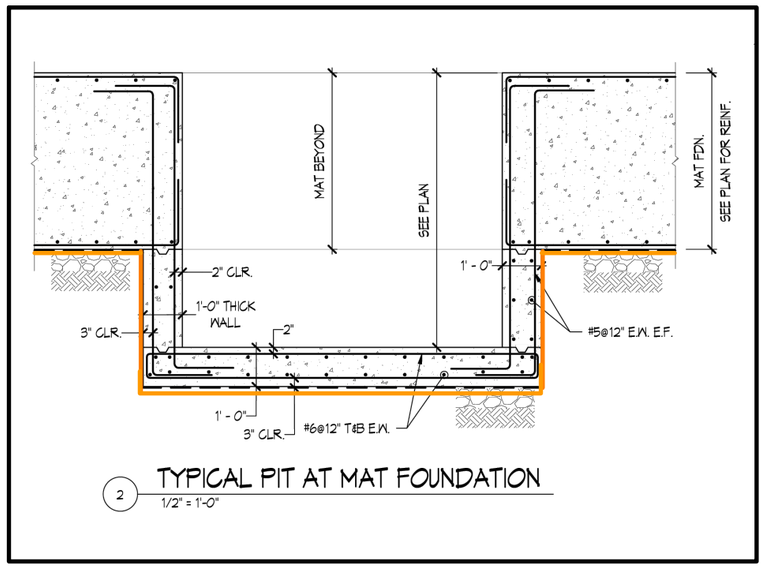
Scale:	AS SHOWN
Figure No.	8
Figure Name:	AS-BUILT VAPOR BARRIER SYSTEM DETAILS
Report:	Remedial Action Report
Date:	11/5/2024
Drawn By:	EK
Site Address:	33 4TH STREET BROKLYN, NY











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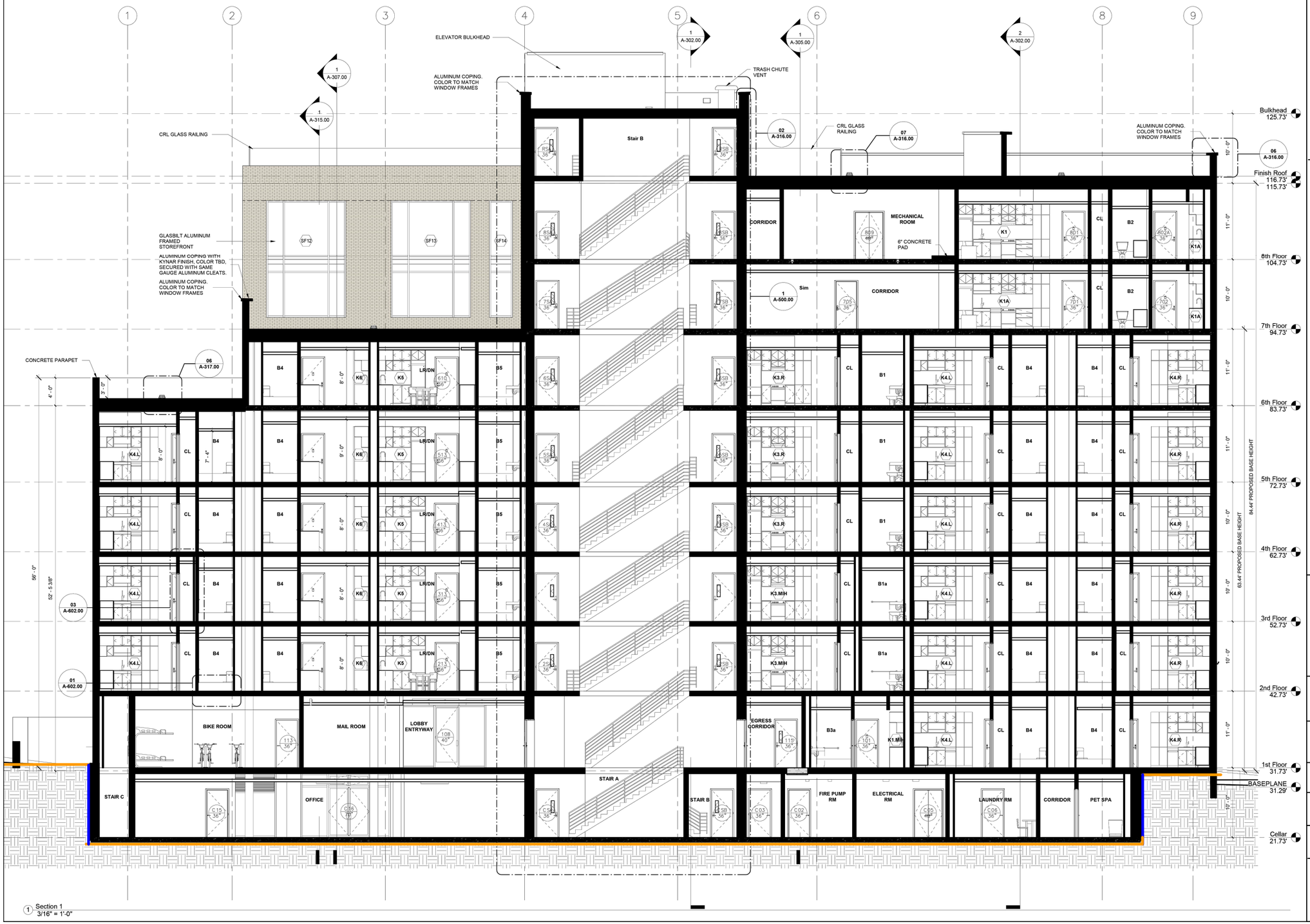
Legend:

- 50-MIL AUSSIE SKIN 550G (BLINDSIDE WALLS OR 60-MIL AUSSIE MATE 580-AL (TWO-FACE WALLS)
- 20-MIL STEGO WRAP (BENEATH NEW CELLAR AND FOUNDATION ELEMENTS)

Notes:

1. All feature locations are approximate
2. Vapor Barrier System (VBS) will be continuous, and extended vertically behind all foundation walls up to grade level.
3. VBS will be installed beneath the cellar footprint, and sealed with the VBS beneath first floor outside the cellar footprint

Scale:	AS SHOWN
Figure No.	8b
Figure Name:	As-Built Details of the Vapor Barrier System
Report:	RAR
Date:	11/11/2024
Drawn By:	EK
Site Address:	33 4TH STREET BROKLYN, NY



1 Section 1
3/16" = 1'-0"

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Legend:

- SITE BOUNDARY
- 60-MIL AUSSIE MATE 580-AL
- 20-MIL STEGO WRAP (BENEATH NEW CELLAR AND FOUNDATION ELEMENTS, ELEVATOR PIT WALL, EJECTOR PIT WALL, BEHIND FOUNDATION WALLS)

Notes:

1. All feature locations are approximate
2. Vapor Barrier System (VBS) is continuous, and was extended vertically behind all foundation walls up to grade level.
3. VBS was installed beneath the cellar footprint, and sealed with the VBS beneath first floor outside the cellar footprint

Scale: AS SHOWN

Figure No. 8c

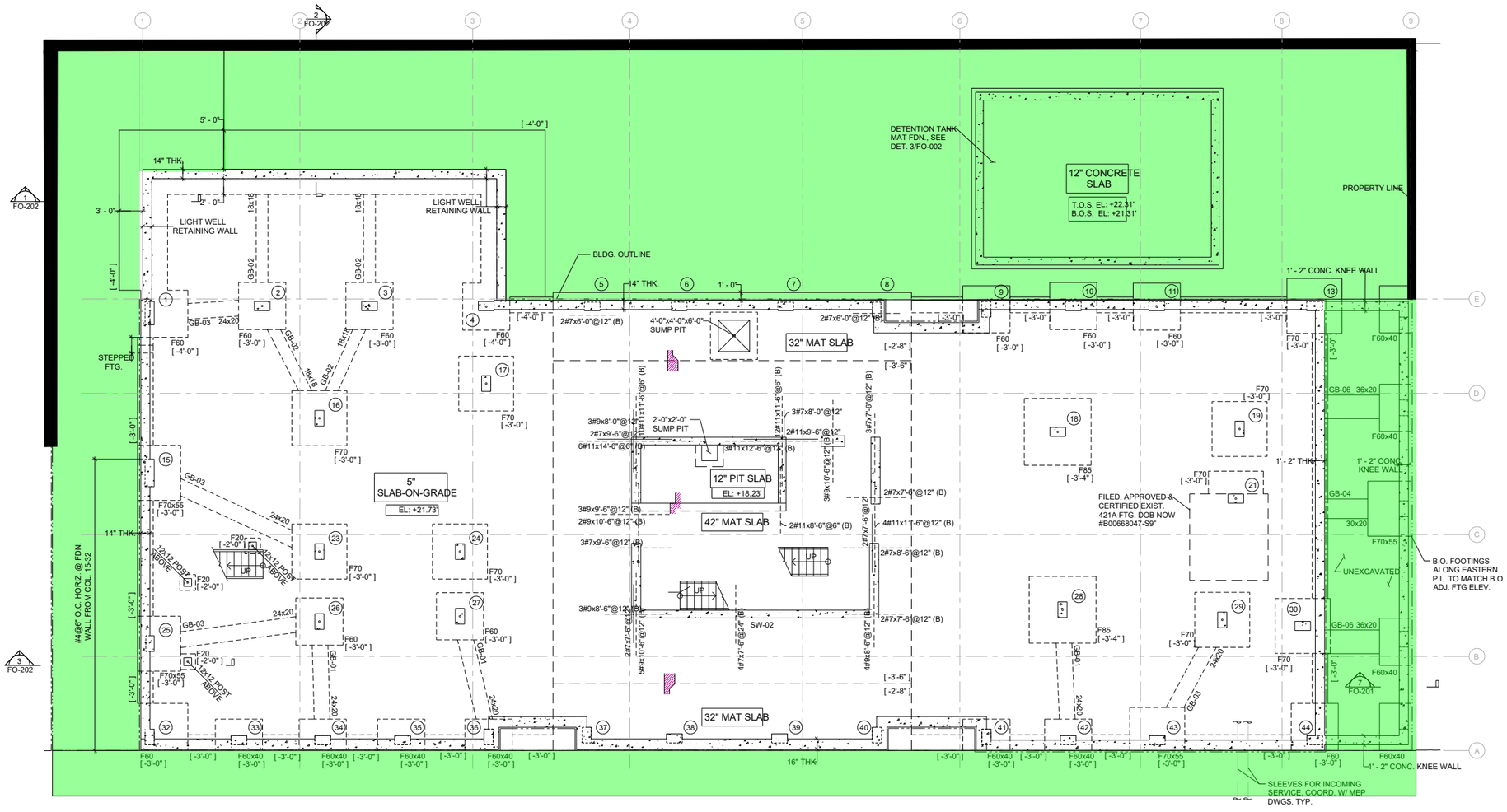
Figure Name: As-Built Elevation Diagram of the Vapor Barrier System

Report: RAR

Date: 11/11/2024

Drawn By: EK

Site Address: 33 4TH STREET
BROKLYN, NY



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Legend:

- Site Boundary
- Minimum 2 Feet of Clean Fill a top of DBL. Includes hardscape areas

Notes:

1. All feature locations are approximate

Scale: 0 15' 30'

Figure No.	9
Figure Name:	Demarcation Locations
Report:	Remedial Action Work Plan
Date:	10/25/24
Drawn By:	KB
Site Address:	33 4TH STREET BROOKLYN, NY

TABLES

Table 1
VOCs in Post-Excavation Endpoint Soil Samples
33 4th Street
Brooklyn, New York

Sample ID Laboratory ID Sampling Date Sample Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	EP-1 (2.5ft) 24E0060-06 5/1/24 Soil		EP-2 (12ft) 24E1695-02 5/24/24 Soil		EP-3 (11ft) 24E0060-05 5/1/24 Soil		EP-4(14.5ft) 24E0565-01 5/9/24 Soil		EP-5 (11ft) 24E1695-01 5/24/24 Soil		EP-6 (11ft) 24E0060-01 5/1/24 Soil		EP-X (11ft) (DUP/EP-6) 24E0060-02 5/1/24 Soil		EP-7(14.5ft) 24E0565-02 5/9/24 Soil		EP-8 (15ft) 24E1695-03 5/24/24 Soil	
Compound				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
1,1,1-Trichloroethane	0.68	100	100	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
1,1,2,2-Tetrachloroethane	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
1,1,2-Trichloroethane	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
1,1-Dichloroethane	0.27	19	26	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
1,1-Dichloroethylene	0.33	100	100	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
1,2,3-Trichlorobenzene	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
1,2,3-Trichloropropane	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
1,2,4-Trichlorobenzene	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
1,2,4-Trimethylbenzene	3.6	47	52	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
1,2-Dibromo-3-chloropropane	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
1,2-Dibromoethane	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
1,2-Dichlorobenzene	1.1	100	100	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
1,2-Dichloroethane	0.02	2.3	3.1	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
1,2-Dichloropropane	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
1,3,5-Trimethylbenzene	8.4	47	52	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
1,3-Dichlorobenzene	2.4	17	49	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
1,4-Dichlorobenzene	1.8	9.8	13	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
1,4-Dioxane	0.1	9.8	13	0.0450	U	0.0550	U	0.0480	U	0.0460	U	0.0490	U	0.0430	U	0.0450	U	0.0450	U	0.0460	U
2-Butanone	0.12	100	100	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
2-Hexanone	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
4-Methyl-2-pentanone	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
Acetone	0.05	100	100	0.00450	U	0.00730	J	0.00480	U	0.00460	U	**0.0270**		0.00430	U	0.00450	U	0.00580	J	**0.0340**	
Acrolein	~	~	~	0.00450	U	0.00550	U	0.00480	U	0.00460	U	0.00490	U	0.00430	U	0.00450	U	0.00450	U	0.00460	U
Acrylonitrile	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
Benzene	0.06	2.9	4.8	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
Bromochloromethane	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
Bromodichloromethane	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
Bromoform	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
Bromomethane	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
Carbon disulfide	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
Carbon tetrachloride	0.76	1.4	2.4	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
Chlorobenzene	1.1	100	100	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
Chloroethane	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
Chloroform	0.37	10	49	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
Chloromethane	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
cis-1,2-Dichloroethylene	0.25	59	100	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
cis-1,3-Dichloropropylene	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
Cyclohexane	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
Dibromochloromethane	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
Dibromomethane	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
Dichlorodifluoromethane	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
Ethyl Benzene	1	30	41	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
Hexachlorobutadiene	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
Isopropylbenzene	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
Methyl acetate	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
Methyl tert-butyl ether (MTBE)	0.93	62	100	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
Methylcyclohexane	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
Methylene chloride	0.05	51	100	0.00450	U	0.00550	U	0.00480	U	0.00460	U	0.00490	U	0.00430	U	0.00450	U	0.00450	U	0.00460	U
n-Butylbenzene	12	100	100	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
n-Propylbenzene	3.9	100	100	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
o-Xylene	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
p- & m- Xylenes	~	~	~	0.00450	U	0.00550	U	0.00480	U	0.00460	U	0.00490	U	0.00430	U	0.00450	U	0.00450	U	0.00460	U
p-Isopropyltoluene	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
sec-Butylbenzene	11	100	100	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
Styrene	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
tert-Butyl alcohol (TBA)	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
tert-Butylbenzene	5.9	100	100	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
Tetrachloroethylene	1.3	5.5	19	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
Toluene	0.7	100	100	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
trans-1,2-Dichloroethylene	0.19	100	100	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
trans-1,3-Dichloropropylene	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
Trichloroethylene	0.47	10	21	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
Trichlorofluoromethane	~	~	~	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
Vinyl Chloride	0.02	0.21	0.9	0.00220	U	0.00270	U	0.00240	U	0.00230	U	0.00250	U	0.00220	U	0.00230	U	0.00220	U	0.00230	U
Xylenes, Total	0.26	100	100	0.00670	U	0.00820	U	0.00730	U	0.00690	U	0.00740	U	0.00650	U	0.00680	U	0.00670	U	0.00690	U

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
"~=this indicates that no regulatory limit has been established for this analyte

Table 2
SVOCs in Post-Excavation Endpoint Soil Samples
33 4th Street
Brooklyn, New York

Sample ID Laboratory ID Sampling Date Sample Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	EP-1 (2.5ft) 24E0060-06 5/1/24 Soil		EP-2 (12ft) 24E1695-02 5/24/24 Soil		EP-3 (11ft) 24E0060-05 5/1/24 Soil		EP-4(14.5ft) 24E0565-01 5/9/24 Soil		EP-5 (11ft) 24E1695-01 5/24/24 Soil		EP-6 (11ft) 24E0060-01 5/1/24 Soil		EP-X (11ft) (DUP/EP-6) 24E0060-02 5/1/24 Soil		EP-7(14.5ft) 24E0565-02 5/9/24 Soil		EP-8 (15ft) 24E1695-03 5/24/24 Soil	
Compound				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOCs	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				2		2		2		2		2		2		2		2		2	
1,1-Biphenyl	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
1,2,4,5-Tetrachlorobenzene	~	~	~	0.0873	U	0.0865	U	0.0861	U	0.0880	U	0.0909	U	0.0893	U	0.0890	U	0.0888	U	0.0915	U
1,2,4-Trichlorobenzene	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
1,2-Dichlorobenzene	1.1	100	100	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
1,3-Dichlorobenzene	2.4	17	49	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
1,4-Dichlorobenzene	1.8	9.8	13	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
2,3,4,6-Tetrachlorophenol	~	~	~	0.0873	U	0.0865	U	0.0861	U	0.0880	U	0.0909	U	0.0893	U	0.0890	U	0.0888	U	0.0915	U
2,4,5-Trichlorophenol	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
2,4,6-Trichlorophenol	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
2,4-Dichlorophenol	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
2,4-Dimethylphenol	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
2,4-Dinitrophenol	~	~	~	0.0873	U	0.0865	U	0.0861	U	0.0880	U	0.0909	U	0.0893	U	0.0890	U	0.0888	U	0.0915	U
2,4-Dinitrotoluene	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
2,6-Dinitrotoluene	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
2-Chloronaphthalene	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
2-Chlorophenol	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
2-Methylnaphthalene	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
2-Methylphenol	0.33	100	100	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
2-Nitroaniline	~	~	~	0.0873	U	0.0865	U	0.0861	U	0.0880	U	0.0909	U	0.0893	U	0.0890	U	0.0888	U	0.0915	U
2-Nitrophenol	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
3- & 4-Methylphenols	0.33	34	100	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
3,3-Dichlorobenzidine	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
3-Nitroaniline	~	~	~	0.0873	U	0.0865	U	0.0861	U	0.0880	U	0.0909	U	0.0893	U	0.0890	U	0.0888	U	0.0915	U
4,6-Dinitro-2-methylphenol	~	~	~	0.0873	U	0.0865	U	0.0861	U	0.0880	U	0.0909	U	0.0893	U	0.0890	U	0.0888	U	0.0915	U
4-Bromophenyl phenyl ether	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
4-Chloro-3-methylphenol	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
4-Chloroaniline	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
4-Chlorophenyl phenyl ether	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
4-Nitroaniline	~	~	~	0.0873	U	0.0865	U	0.0861	U	0.0880	U	0.0909	U	0.0893	U	0.0890	U	0.0888	U	0.0915	U
4-Nitrophenol	~	~	~	0.0873	U	0.0865	U	0.0861	U	0.0880	U	0.0909	U	0.0893	U	0.0890	U	0.0888	U	0.0915	U
Acenaphthene	20	100	100	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Acenaphthylene	100	100	100	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Acetophenone	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Aniline	~	~	~	0.175	U	0.173	U	0.172	U	0.176	U	0.182	U	0.179	U	0.178	U	0.178	U	0.183	U
Anthracene	100	100	100	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Atrazine	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Benzaldehyde	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Benzidine	~	~	~	0.175	U	0.173	U	0.172	U	0.176	U	0.182	U	0.179	U	0.178	U	0.178	U	0.183	U
Benzo(a)anthracene	1	1	1	0.0438	U	0.0434	U	**0.0475**	JD	0.0441	U	**0.0734**	JD	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Benzo(a)pyrene	1	1	1	0.0438	U	0.0434	U	0.0432	U	0.0441	U	**0.0632**	JD	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Benzo(b)fluoranthene	1	1	1	0.0438	U	0.0434	U	0.0432	U	0.0441	U	**0.0545**	JD	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Benzo(g,h,i)perylene	100	100	100	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Benzo(k)fluoranthene	0.8	1	3.9	0.0438	U	0.0434	U	0.0432	U	0.0441	U	**0.0509**	JD	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Benzoic acid	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Benzyl alcohol	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Benzyl butyl phthalate	~	~	~	0.0438	U	0.0434	U	**0.0695**	JD	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Bis(2-chloroethoxy)methane	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Bis(2-chloroethyl)ether	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Bis(2-chloroisopropyl)ether	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Bis(2-ethylhexyl)phthalate	~	~	~	**0.0663**	JD	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Caprolactam	~	~	~	0.0873	U	0.0865	U	0.0861	U	0.0880	U	0.0909	U	0.0893	U	0.0890	U	0.0888	U	0.0915	U
Carbazole	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Chrysene	1	1	3.9	0.0438	U	0.0434	U	**0.0496**	JD	0.0441	U	**0.0697**	JD	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Dibenzofuran	7	14	59	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Diethyl phthalate	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Dimethyl phthalate	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Di-n-butyl phthalate	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Di-n-octyl phthalate	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Fluoranthene	100	100	100	**0.0642**	JD	0.0434	U	**0.0950**	D	0.0441	U	0.139	D	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Fluorene	30	100	100	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Hexachlorobenzene	0.33	0.33	1.2	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Hexachlorobutadiene	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Hexachlorocyclopentadiene	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Hexachloroethane	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Isophorone	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Naphthalene	12	100	100	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Nitrobenzene	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
N-Nitrosodimethylamine	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
N-nitroso-di-n-propylamine	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
N-Nitrosodiphenylamine	~	~	~	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Pentachlorophenol	0.8	2.4	6.7	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Phenanthrene	100	100	100	0.0438	U	0.0434	U	**0.0619**	JD	0.0441	U	**0.0806**	JD	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Phenol	0.33	100	100	0.0438	U	0.0434	U	0.0432	U	0.0441	U	0.0455	U	0.0447	U	0.0446	U	0.0445	U	0.0458	U
Pyrene	100	100	100	**0.0482**	JD	0.0434	U	**0.0819**	JD	**0.0562**	JD	**0.118**	D	0.0447	U	0.0446	U	0.0445	U	0.0458	U

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J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
~=this indicates that no regulatory limit has been established for this analyte

Table 3
TAL Metals in Post-Excavation Endpoint Soil Samples
33 4th Street
Brooklyn, New York

Sample ID Laboratory ID Sampling Date Sample Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	EP-1 (2.5ft) 24E0060-06 5/1/24 Soil		EP-2 (12ft) 24E1695-02 5/24/24 Soil		EP-3 (11ft) 24E0060-05 5/1/24 Soil		EP-4(14.5ft) 24E0565-01 5/9/24 Soil		EP-5 (11ft) 24E1695-01 5/24/24 Soil		EP-6 (11ft) 24E0060-01 5/1/24 Soil		EP-X (11ft) (DUP/EP-6) 24E0060-02 5/1/24 Soil		EP-7(14.5ft) 24E0565-02 5/9/24 Soil		EP-8 (15ft) 24E1695-03 5/24/24 Soil	
Compound				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
TAL Metals	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1		1		1		1		1		1		1	
Aluminum	~	~	~	**5,400**		**3,080**		**6,650**		**5,840**		**5,920**		**6,260**		**6,140**		**5,880**		**6,060**	
Antimony	~	~	~	2.2	U	2.17	U	2.21	U	2.23	U	2.28	U	2.24	U	2.24	U	2.24	U	2.29	U
Arsenic	13	16	16	**3.14**		**1.54**		**3.78**		**3.06**		**3.43**		**4.04**		**3.6**		**3.35**		**3.95**	
Barium	350	350	400	**50.8**		**21.7**		**55.5**		**51.7**		**61**		**76.6**		**72**		**67.7**		**56.5**	
Beryllium	7.2	14	72	0.044	U	0.044	U	0.045	U	0.045	U	0.046	U	0.045	U	0.045	U	0.045	U	0.046	U
Cadmium	2.5	2.5	4.3	0.264	U	0.26	U	0.265	U	0.267	U	0.273	U	0.269	U	0.269	U	0.269	U	0.275	U
Calcium	~	~	~	**3,710**		**1,200**		**2,540**		**2,260**		**2,080**		**3,930**		**3,930**		**3,490**		**1,850**	
Chromium	~	~	~	**13**		**8.21**		**15.6**		**13.7**		**13.6**		**10.3**		**11.9**		**11.7**		**12.3**	
Cobalt	~	~	~	**5.56**		**4.76**		**7.95**		**5.09**		**5.61**		**5.81**		**5.51**		**5.09**		**5.990**	
Copper	50	270	270	**21.4**		**11.9**		**22.7**		**20**		**19.2**		**32.5**		**20.7**		**16.8**		**31.4**	
Iron	~	~	~	**10,500**		**7,920**		**11,500**		**12,100**		**11,200**		**12,400**		**10,800**		**12,400**		**11,200**	
Lead	63	400	400	**10.7**		**4.11**		**19.5**		14.4	B	**18.9**		**5.14**		**5.03**		10.6	B	**11.4**	
Magnesium	~	~	~	**3,120**		2,550	B	**4,540**		**3,040**		**2,520**		**2,710**		**2,700**		**2,880**		**2,300**	
Manganese	1600	2000	2000	**232**		**195**		**332**		**252**		**289**		**290**		**247**		**259**		**268**	
Mercury	0.18	0.81	0.81	0.0317	U	0.0312	U	0.127		0.0321	U	0.0328	U	0.0323	U	0.0323	U	0.0322	U	0.033	U
Nickel	30	140	310	**18.7**		**42.7**		**33.9**		**16.9**		**13**		**10.1**		**9.870**		**10.6**		**14.2**	
Potassium	~	~	~	**1,600**		**502**		**1,340**		**1,110**		**1,080**		**1,220**		**1,260**		**1,120**		**1,170**	
Selenium	3.9	36	180	2.2	U	2.17	U	2.21	U	2.23	U	2.28	U	2.24	U	2.24	U	2.24	U	2.29	U
Silver	2	36	180	0.444	U	0.437	U	0.445	U	0.449	U	0.459	U	0.452	U	0.453	U	0.451	U	0.462	U
Sodium	~	~	~	**162**		**72.6**		**164**		**137**		**177**		**190**		**166**		**146**		**167**	
Thallium	~	~	~	2.2	U	2.17	U	2.21	U	2.23	U	2.28	U	2.24	U	2.24	U	2.24	U	2.29	U
Vanadium	~	~	~	**22.6**		**12**		**21.2**		**24.1**		**25**		**27.6**		**24**		**26.7**		**23.9**	
Zinc	109	2200	10000	**28.5**		**22**		**58**		**32.6**		**34**		**25.8**		**25.6**		**26.1**		**27.7**	

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B=analyte found in the analysis batch blank
~=this indicates that no regulatory limit has been established for this analyte

Table 4
Pesticides in Post-Excavation Endpoint Soil Samples
33 4th Street
Brooklyn, New York

Sample ID Laboratory ID Sampling Date Sample Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	EP-1 (2.5ft) 24E0060-06 5/1/24 Soil		EP-2 (12ft) 24E1695-02 5/24/24 Soil		EP-3 (11ft) 24E0060-05 5/1/24 Soil		EP-4(14.5ft) 24E0565-01 5/9/24 Soil		EP-5 (11ft) 24E1695-01 5/24/24 Soil		EP-6 (11ft) 24E0060-01 5/1/24 Soil		EP-X (11ft) (DUP/EP-6) 24E0060-02 5/1/24 Soil		EP-7(14.5ft) 24E0565-02 5/9/24 Soil		EP-8 (15ft) 24E1695-03 5/24/24 Soil	
Compound				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Pesticides	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				5		5		5		5		5		5		5		5		5	
4,4'-DDD	0.0033	2.6	13	0.00174	U	0.00170	U	0.00173	U	0.00176	U	0.00179	U	0.00177	U	0.00177	U	0.00176	U	0.00178	U
4,4'-DDE	0.0033	1.8	8.9	0.00174	U	0.00170	U	0.00173	U	0.00176	U	0.00179	U	0.00177	U	0.00177	U	0.00176	U	0.00178	U
4,4'-DDT	0.0033	1.7	7.9	0.00174	U	0.00170	U	0.00173	U	0.00176	U	0.00179	U	0.00177	U	0.00177	U	0.00176	U	0.00178	U
Aldrin	0.005	0.019	0.097	0.00174	U	0.00170	U	0.00173	U	0.00176	U	0.00179	U	0.00177	U	0.00177	U	0.00176	U	0.00178	U
alpha-BHC	0.02	0.097	0.48	0.00174	U	0.00170	U	0.00173	U	0.00176	U	0.00179	U	0.00177	U	0.00177	U	0.00176	U	0.00178	U
alpha-Chlordane	0.094	0.91	4.2	0.00174	U	0.00170	U	0.00173	U	0.00176	U	0.00179	U	0.00177	U	0.00177	U	0.00176	U	0.00178	U
beta-BHC	0.036	0.072	0.36	0.00174	U	0.00170	U	0.00173	U	0.00176	U	0.00179	U	0.00177	U	0.00177	U	0.00176	U	0.00178	U
Chlordane, total	~	~	~	0.0348	U	0.0339	U	0.0346	U	0.0352	U	0.0357	U	0.0354	U	0.0354	U	0.0352	U	0.0356	U
delta-BHC	0.04	100	100	0.00174	U	0.00170	U	0.00173	U	0.00176	U	0.00179	U	0.00177	U	0.00177	U	0.00176	U	0.00178	U
Dieldrin	0.005	0.039	0.2	0.00174	U	0.00170	U	0.00173	U	0.00176	U	0.00179	U	0.00177	U	0.00177	U	0.00176	U	0.00178	U
Endosulfan I	2.4	4.8	24	0.00174	U	0.00170	U	0.00173	U	0.00176	U	0.00179	U	0.00177	U	0.00177	U	0.00176	U	0.00178	U
Endosulfan II	2.4	4.8	24	0.00174	U	0.00170	U	0.00173	U	0.00176	U	0.00179	U	0.00177	U	0.00177	U	0.00176	U	0.00178	U
Endosulfan sulfate	2.4	4.8	24	0.00174	U	0.00170	U	0.00173	U	0.00176	U	0.00179	U	0.00177	U	0.00177	U	0.00176	U	0.00178	U
Endrin	0.014	2.2	11	0.00174	U	0.00170	U	0.00173	U	0.00176	U	0.00179	U	0.00177	U	0.00177	U	0.00176	U	0.00178	U
Endrin aldehyde	~	~	~	0.00174	U	0.00170	U	0.00173	U	0.00176	U	0.00179	U	0.00177	U	0.00177	U	0.00176	U	0.00178	U
Endrin ketone	~	~	~	0.00174	U	0.00170	U	0.00173	U	0.00176	U	0.00179	U	0.00177	U	0.00177	U	0.00176	U	0.00178	U
gamma-BHC (Lindane)	0.1	0.28	1.3	0.00174	U	0.00170	U	0.00173	U	0.00176	U	0.00179	U	0.00177	U	0.00177	U	0.00176	U	0.00178	U
gamma-Chlordane	~	~	~	0.00174	U	0.00170	U	0.00173	U	0.00176	U	0.00179	U	0.00177	U	0.00177	U	0.00176	U	0.00178	U
Heptachlor	0.042	0.42	2.1	0.00174	U	0.00170	U	0.00173	U	0.00176	U	0.00179	U	0.00177	U	0.00177	U	0.00176	U	0.00178	U
Heptachlor epoxide	~	~	~	0.00174	U	0.00170	U	0.00173	U	0.00176	U	0.00179	U	0.00177	U	0.00177	U	0.00176	U	0.00178	U
Methoxychlor	~	~	~	0.00174	U	0.00170	U	0.00173	U	0.00176	U	0.00179	U	0.00177	U	0.00177	U	0.00176	U	0.00178	U
Toxaphene	~	~	~	0.174	U	0.170	U	0.173	U	0.176	U	0.179	U	0.177	U	0.177	U	0.176	U	0.178	U

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
~=this indicates that no regulatory limit has been established for this analyte

Table 5
PCBs in Post-Excavation Endpoint Soil Samples
33 4th Street
Brooklyn, New York

Sample ID Laboratory ID Sampling Date Sample Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	EP-1 (2.5ft) 24E0060-06 5/1/24 Soil		EP-2 (12ft) 24E1695-02 5/24/24 Soil		EP-3 (11ft) 24E0060-05 5/1/24 Soil		EP-4(14.5ft) 24E0565-01 5/9/24 Soil		EP-5 (11ft) 24E1695-01 5/24/24 Soil		EP-6 (11ft) 24E0060-01 5/1/24 Soil		EP-X (11ft) (DUP/EP-6) 24E0060-02 5/1/24 Soil		EP-7(14.5ft) 24E0565-02 5/9/24 Soil		EP-8 (15ft) 24E1695-03 5/24/24 Soil	
Compound				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PCBs	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1		1		1		1		1		1		1	
Aroclor 1016	~	~	~	0.0176	U	0.0171	U	0.0175	U	0.0177	U	0.0180	U	0.0179	U	0.0179	U	0.0178	U	0.0180	U
Aroclor 1221	~	~	~	0.0176	U	0.0171	U	0.0175	U	0.0177	U	0.0180	U	0.0179	U	0.0179	U	0.0178	U	0.0180	U
Aroclor 1232	~	~	~	0.0176	U	0.0171	U	0.0175	U	0.0177	U	0.0180	U	0.0179	U	0.0179	U	0.0178	U	0.0180	U
Aroclor 1242	~	~	~	0.0176	U	0.0171	U	0.0175	U	0.0177	U	0.0180	U	0.0179	U	0.0179	U	0.0178	U	0.0180	U
Aroclor 1248	~	~	~	0.0176	U	0.0171	U	0.0175	U	0.0177	U	0.0180	U	0.0179	U	0.0179	U	0.0178	U	0.0180	U
Aroclor 1254	~	~	~	0.0176	U	0.0171	U	0.0175	U	0.0177	U	0.0180	U	0.0179	U	0.0179	U	0.0178	U	0.0180	U
Aroclor 1260	~	~	~	0.0176	U	0.0171	U	0.0175	U	0.0177	U	0.0180	U	0.0179	U	0.0179	U	0.0178	U	0.0180	U
Total PCBs	0.1	1	1	0.0176	U	0.0171	U	0.0175	U	0.0177	U	0.0180	U	0.0179	U	0.0179	U	0.0178	U	0.0180	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
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~=this indicates that no regulatory limit has been established for this analyte

Table 6
Part 375 Soil Cleanup Objectives

Compounds	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential
VOCs	ppm	ppm
Dilution Factor		
1,1,1-Trichloroethane	0.68	100
1,1-Dichloroethane	0.27	19
1,1-Dichloroethylene	0.33	100
1,2,4-Trimethylbenzene	3.6	47
1,2-Dichlorobenzene	1.1	100
1,2-Dichloroethane	0.02	2.3
1,3,5-Trimethylbenzene	8.4	47
1,3-Dichlorobenzene	2.4	17
1,4-Dichlorobenzene	1.8	9.8
1,4-Dioxane	0.1	9.8
2-Butanone	0.12	100
Acetone	0.05	100
Benzene	0.06	2.9
Carbon tetrachloride	0.76	1.4
Chlorobenzene	1.1	100
Chloroform	0.37	10
cis-1,2-Dichloroethylene	0.25	59
Ethyl Benzene	1	30
Methyl tert-butyl ether (MTBE)	0.93	62
Methylene chloride	0.05	51
n-Butylbenzene	12	100
n-Propylbenzene	3.9	100
sec-Butylbenzene	11	100
tert-Butylbenzene	5.9	100
Tetrachloroethylene	1.3	5.5
Toluene	0.7	100
trans-1,2-Dichloroethylene	0.19	100
Trichloroethylene	0.47	10
Vinyl Chloride	0.02	0.21
Xylenes, Total	0.26	100
Pesticides	mg/Kg	mg/Kg
4,4'-DDD	0.0033	2.6
4,4'-DDE	0.0033	1.8
4,4'-DDT	0.0033	1.7
Aldrin	0.005	0.019
alpha-BHC	0.02	0.097
alpha-Chlordane	0.094	0.91
beta-BHC	0.036	0.072
delta-BHC	0.04	100
Dieldrin	0.005	0.039
Endosulfan I	2.4	4.8
Endosulfan II	2.4	4.8
Endosulfan sulfate	2.4	4.8
Endrin	0.014	2.2
gamma-BHC (Lindane)	0.1	0.28
Heptachlor	0.042	0.42

Compounds	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential
SVOCs	mg/Kg	mg/Kg
1,2-Dichlorobenzene	1.1	100
1,3-Dichlorobenzene	2.4	17
1,4-Dichlorobenzene	1.8	9.8
2-Methylphenol	0.33	100
3- & 4-Methylphenols	0.33	34
Acenaphthene	20	100
Acenaphthylene	100	100
Anthracene	100	100
Benzo(a)anthracene	1	1
Benzo(a)pyrene	1	1
Benzo(b)fluoranthene	1	1
Benzo(g,h,i)perylene	100	100
Benzo(k)fluoranthene	0.8	1
Chrysene	1	1
Dibenzo(a,h)anthracene	0.33	0.33
Dibenzofuran	7	14
Fluoranthene	100	100
Fluorene	30	100
Hexachlorobenzene	0.33	0.33
Indeno(1,2,3-cd)pyrene	0.5	0.5
Naphthalene	12	100
Pentachlorophenol	0.8	2.4
Phenanthrene	100	100
Phenol	0.33	100
Pyrene	100	100
TAL Metals	mg/Kg	mg/Kg
Arsenic	13	16
Barium	350	350
Beryllium	7.2	14
Cadmium	2.5	2.5
Copper	50	270
Lead	63	400
Manganese	1600	2000
Mercury	0.18	0.81
Nickel	30	140
Selenium	3.9	36
Silver	2	36
Zinc	109	2200
PCBs	mg/Kg	mg/Kg
Total PCBs	0.1	1

Track 1: Unrestricted Use Soil Cleanup Objectives

Track 2: Residential Use Soil Cleanup Objectives

Table 7
Disposal Quantities and Disposal Facilities
33 4th Street
Brooklyn, New York

Date	Manifest #	Transporter / #	License Plate	Grid / Interval	Disposal Facility	Material Type	Tonnage
4/3/24	47455	Sebest / 1	AY751L	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	29.39
4/3/24	47456	Sebest / 3	AY623Y	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	27.93
4/3/24	47457	Sebest / 2	AX581L	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	30.91
4/3/24	47458	Sebest / 4	AW280R	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	30.41
4/3/24	47459	LEJ / 7	AX752Y	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	31.74
4/3/24	47460	Sebest / 4	AW737F	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	31.37
4/3/24	47461	Cabrera / 8	AU514L	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	34.80
4/3/24	47462	JRE / 84	AY659A	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	34.49
4/3/24	47463	JRE / 12	AY791A	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	33.67
4/3/24	47464	Sebest / 1	AY175L	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	30.93
4/3/24	47465	Sebest / 3	AY623Y	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	30.40
4/3/24	47466	Sebest / 4	AW250R	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	33.89
4/3/24	47467	Sebast / 4	AW737F	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	34.23
4/3/24	47468	Sebest / 2	AX581L	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	33.46
4/4/24	47469	LEJ / 7	AY782H	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	33.70
4/4/24	47470	Jet / 10	AX415X	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	30.88
4/4/24	47471	Sebest / 1	AY175L	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	33.35
4/4/24	47472	Osuna / 2	AW287S	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	39.13
4/4/24	47473	Osuna / 1	AW592C	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	38.76
4/4/24	47474	Sebest / 4	AW250R	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	35.35
4/4/24	72104	Jet / 11	AY875A	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	32.22
4/4/24	72105	Jet / 12	AY502K	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	33.20
4/4/24	72106	Jet / 8	AW580C	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	29.68
4/4/24	72107	Sebest / 3	AY623Y	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	30.40
4/4/24	72108	Jet / 7	AW363K	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	27.84
4/4/24	72109	Sebest / 2	AX581L	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	29.29
4/4/24	72110	Jet / 6	AW210D	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	30.70
4/4/24	72111	Jet / 5	AU771Z	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	28.64
4/4/24	72112	Osuna / 3	AY204B	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	36.22
4/4/24	72113	Sebast / 5	AW625R	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	34.91
4/4/24	72114	Jet / 9	AX141E	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	30.69
4/4/24	72115	Safe Load / 1	AY607Y	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	33.70
4/8/24	72116	DI Trucking / 11	AW399D	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	30.85
4/8/24	72117	DI Trucking / 18	AS159M	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	32.15
4/8/24	72118	DI Trucking / 48	AW906K	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	30.71
4/8/24	72119	DI Trucking / 7	AR713H	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	34.83
4/8/24	72120	DI Trucking / 14	AW407E	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	31.36
4/8/24	72121	DI Trucking / 20	AS812S	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	30.66
4/8/24	72122	DI Trucking / 55	AY970R	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	30.51
4/8/24	72123	DI Trucking / 25	AT320B	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	34.37
4/8/24	46557	DI Trucking / 41	AW271H	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	32.08
4/8/24	46558	DI Trucking / 27	AT542C	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	31.47
4/8/24	46559	DI Trucking / 15	AW270H	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	31.48
4/8/24	46560	DI Trucking / 9	AP584U	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	34.47
4/8/24	46561	DI Trucking / 23	AW826E	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	32.34
4/8/24	46562	DI Trucking / 51	AY509R	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	30.14
4/8/24	46563	DI Trucking / 35	AU461C	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	31.73
4/8/24	46298	DI Trucking / 24	AT319B	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	32.64
4/8/24	46299	DI Trucking / 26	AT238C	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	29.77
4/8/24	46300	DI Trucking / 21	AS119T	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	31.62
4/8/24	46327	DI Trucking / 22	AS120T	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	33.81
4/8/24	46328	DI Trucking / 17	AS129M	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	32.33
4/8/24	46329	DI Trucking / 19	AS811S	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	32.89
4/8/24	46330	DI Trucking / 28	AT748C	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	34.90
4/8/24	46331	DI Trucking / 8	AW406E	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	31.14
4/8/24	46332	DI Trucking / 34	AY862M	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	28.39
4/8/24	46333	DI Trucking / 46	AW408E	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	29.09
4/8/24	46334	DI Trucking / 49	AW907K	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	33.57
4/8/24	46335	DI Trucking / 52	AY510R	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	32.67
4/8/24	45973	DI Trucking / 45	AW410E	A1/A2 (0-5')	XRDS	Non-hazardous soil/Fill	34.09
4/8/24	45974	DI Trucking / 13	AW401D	A1/A2 (0-5') A2 (5'-10')	XRDS	Non-hazardous soil/Fill	34.46
4/8/24	71588	DI Trucking / 20	AW572C	A1/A2 (0-5') A2 (5'-10')	XRDS	Non-hazardous soil/Fill	32.41
4/9/24	47405	DI Trucking / 5	AT591Y	A1/A2 (0-5') A2 (5'-10')	XRDS	Non-hazardous soil/Fill	32.91
4/9/24	47406	DI Trucking / 35	AU461C	A1/A2 (0-5') A2 (5'-10')	XRDS	Non-hazardous soil/Fill	32.63
4/9/24	47407	DI Trucking / 34	AY862M	A1/A2 (0-5') A2 (5'-10')	XRDS	Non-hazardous soil/Fill	32.79
4/9/24	47408	DI Trucking / 24	AT319B	A1/A2 (0-5') A2 (5'-10')	XRDS	Non-hazardous soil/Fill	33.27
4/9/24	47409	DI Trucking / 18	AS159M	A1/A2 (0-5') A2 (5'-10')	XRDS	Non-hazardous soil/Fill	33.66
4/9/24	47410	DI Trucking / 25	AT320B	A1/A2 (0-5') A2 (5'-10')	XRDS	Non-hazardous soil/Fill	32.13
4/9/24	47411	DI Trucking / 26	AT238C	A1/A2 (0-5') A2 (5'-10')	XRDS	Non-hazardous soil/Fill	33.25
4/9/24	47412	DI Trucking / 16	AS839K	A1/A2 (0-5') A2 (5'-10')	XRDS	Non-hazardous soil/Fill	33.60
4/9/24	47413	DI Trucking / 17	AS129M	A1/A2 (0-5') A2 (5'-10')	XRDS	Non-hazardous soil/Fill	34.85
4/9/24	47414	DI Trucking / 25	AT320B	A1/A2 (0-5')A1/ A2 (5'-10')	XRDS	Non-hazardous soil/Fill	32.52
4/9/24	47415	DI Trucking / 35	AU461C	A1/A2 (0-5')A1/ A2 (5'-10')	XRDS	Non-hazardous soil/Fill	32.13
4/9/24	47416	DI Trucking / 24	AT319B	A1/A2 (0-5')A1/ A2 (5'-10')	XRDS	Non-hazardous soil/Fill	33.15
4/9/24	47417	DI Trucking / 34	AY862M	A1/A2 (0-5')A1/ A2 (5'-10')	XRDS	Non-hazardous soil/Fill	31.02
4/9/24	47418	DI Trucking / 16	AS839K	A1/A2 (0-5')A1/ A2 (5'-10')	XRDS	Non-hazardous soil/Fill	32.23
4/9/24	47419	DI Trucking / 47	AW532H	A1/A2 (0-5')A1/ A2 (5'-10')	XRDS	Non-hazardous soil/Fill	34.06
4/9/24	47420	DI Trucking / 36	AU463C	A1/A2 (0-5')A1/ A2 (5'-10')	XRDS	Non-hazardous soil/Fill	34.79
4/9/24	72124	DI Trucking / 50	AW908K	A1/A2 (0-5')A1/ A2 (5'-10')	XRDS	Non-hazardous soil/Fill	34.58
4/9/24	72125	DI Trucking / 14	AW407E	A1/A2 (0-5')A1/ A2 (5'-10')	XRDS	Non-hazardous soil/Fill	31.73
4/9/24	72126	DI Trucking / 25	AT320B	A1/A2 (0-5')A1/ A2 (5'-10')	XRDS	Non-hazardous soil/Fill	31.77
4/9/24	72127	DI Trucking / 29	AT859C	A1/A2 (0-5')A1/ A2 (5'-10')	XRDS	Non-hazardous soil/Fill	32.00
4/9/24	72128	DI Trucking / 35	AU461C	A1/A2 (0-5')A1/ A2 (5'-10')	XRDS	Non-hazardous soil/Fill	33.76
4/10/24	72129	DI Trucking / 35	AU461C	A1/A2 (0-5')A1/ A2 (5'-10')	XRDS	Non-hazardous soil/Fill	31.16
4/10/24	72130	DI Trucking / 34	AY862M	A1/A2 (0-5')A1/ A2 (5'-10')	XRDS	Non-hazardous soil/Fill	28.74
4/10/24	72131	DI Trucking /11	AW399D	A1/A2 (0-5')A1/ A2 (5'-10')	XRDS	Non-hazardous soil/Fill	33.69
4/10/24	72132	DI Trucking / 4	AX117D	A1/A2 (0-5')A1/ A2 (5'-10')	XRDS	Non-hazardous soil/Fill	34.46
4/10/24	72133	DI Trucking / 18	AS159M	A1/A2 (0-5')A1/ A2 (5'-10')	XRDS	Non-hazardous soil/Fill	29.86
4/10/24	72134	DI Trucking / 10	AW398D	A1/A2 (0-5')A1/ A2 (5'-10')	XRDS	Non-hazardous soil/Fill	32.43
4/10/24	72135	DI Trucking / 3	AT611A	A1/A2 (0-5')A1/ A2 (5'-10')	XRDS	Non-hazardous soil/Fill	32.44
4/10/24	72136	DI Trucking / 33	AU119B	A1/A2 (0-5')A1/ A2 (5'-10')	XRDS	Non-hazardous soil/Fill	33.01
4/10/24	72137	DI Trucking / 6	AW573C	A1/A2 (0-5')A1/ A2 (5'-10')	XRDS	Non-hazardous soil/Fill	33.19
4/10/24	47421	DI Trucking / 23	AW826E	A1/ A2 (5'-10')	XRDS	Non-hazardous soil/Fill	30.72
4/10/24	47422	DI Trucking / 7	AR713H	A1/ A2 (5'-10')	XRDS	Non-hazardous soil/Fill	32.10
4/10/24	47423	DI Trucking / 35	AU461C	A1/ A2 (5'-10')	XRDS	Non-hazardous soil/Fill	32.05
4/10/24	546	DI Trucking / 34	AU205B	A1/ A2 (5'-10')	HRF	Non-hazardous soil/Fill	32.21
4/10/24	547	DI Trucking / 4	AX117P	A1/ A2 (5'-10')	HRF	Non-hazardous soil/Fill	34.53
4/10/24	548	DI Trucking / 18	AW660X	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	35.30
4/10/24	549	DI Trucking / 10	AW398D	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	33.46
4/10/24	550	DI Trucking / 33	AU119B	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	34.12
4/10/24	551	DI Trucking / 7	AR713H	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	34.10
4/10/24	552	DI Trucking / 3	AX401W	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	34.82
4/10/24	553	DI Trucking / 23	AX122P	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	33.85
4/10/24	554	DI Trucking / 6	AW573C	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	34.86
4/10/24	555	DI Trucking / 28	AY973B	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	31.85
4/10/24	2184	DI Trucking / 26	AY325F	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	33.43
4/10/24	2185	DI Trucking / 16	AX118P	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	33.43
4/11/24	2186	DI Trucking / 15	AW270H	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	32.93
4/11/24	2187	DI Trucking / 36	AU462C	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	34.58
4/11/24	2188	DI Trucking / 34	AU205B	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	34.22
4/11/24	2189	DI Trucking / 49	AW907K	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	32.67
4/11/24	2190	DI Trucking / 19	AW661X	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	33.44
4/11/24	2191	DI Trucking / 06	AW573C	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	32.92
4/11/24	287	Pipos Trucking / 28	AY671U	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	32.96
4/11/24	288	Pipos Trucking / 4	AX917D	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	33.96
4/11/24	556	Pipos Trucking / 7	AY998C	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	35.86
4/11/24	588	Telra Trucking / 6	AY664G	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	35.59
4/11/24	589	JC Transport / 38	AU604U	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	37.66
4/11/24	590	JC Transport / 57	AX229E	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	33.75
4/11/24	591	JC Transport / 62	AY176T	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	33.85
4/11/24	592	Pipos / 13	AY903R	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	34.76
4/11/24	593	Pipos / 6	AX248Z	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	35.16
4/11/24	594	Pipos / 29	AX902M	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	33.51
4/11/24	595	Pipos / 8	AY847K	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	34.17
4/11/24	596	JC Transpot / 54	AX226E	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	31.95
4/11/24	597	H&A / 8	AU322P	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	32.53
4/11/24	598	H&A / 4	AU547H	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	33.20
4/11/24	599	Pipos / 28	AY671U	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	33.12
4/11/24	1223	Pipos / 4	AX917D	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	34.89
4/11/24	1233	Pipos / 7	AY998C	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	38.00

Table 7
Disposal Quantities and Disposal Facilities
33 4th Street
Brooklyn, New York

Date	Manifest #	Transporter / #	License Plate	Grid / Interval	Disposal Facility	Material Type	Tonnage
4/11/24	1234	Telra / 6	AY664G	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	35.99
4/11/24	1235	JC Transport / 38	AU604U	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	36.09
4/11/24	1598	Pipos / 13	AY903R	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	34.26
4/11/24	1599	Pipos / 29	AX902M	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	36.56
4/11/24	1600	H&S / 7	AU857D	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	32.36
4/11/24	1841	Pipos / 8	AY478K	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	33.33
4/11/24	1842	JC Transport /62	AY176T	A1/ A2 (5'-10') A1 (10'-15')	HRF	Non-hazardous soil/Fill	34.20
4/16/24	1153	JC Transport / 61	AX286W	A2 (0-5') A2 (5'-10') B1 (5-10)	HRF	Non-hazardous soil/Fill	30.39
4/16/24	1154	JC Transport / 47	AW728N	A2 (0-5') A2 (5'-10') B1 (5-10)	HRF	Non-hazardous soil/Fill	27.93
4/16/24	1155	JC Transport / 40	AU606U	A2 (0-5') A2 (5'-10') B1 (5-10)	HRF	Non-hazardous soil/Fill	31.40
4/16/24	1156	JC Transport / 45	AW726N	A2 (0-5') A2 (5'-10') B1 (5-10)	HRF	Non-hazardous soil/Fill	31.75
4/16/24	1157	JC Transport / 50	AW645W	A2 (0-5') A2 (5'-10') B1 (5-10)	HRF	Non-hazardous soil/Fill	32.68
4/16/24	1158	JC Tansport / 49	AW644W	A2 (0-5') A2 (5'-10') B1 (5-10)	HRF	Non-hazardous soil/Fill	30.89
4/16/24	1159	JC Transport / 34	AT782U	A2 (0-5') A2 (5'-10') B1 (5-10)	HRF	Non-hazardous soil/Fill	30.55
4/16/24	1161	JC Tansport / 41	AU607U	A2 (0-5') A2 (5'-10') B1 (5-10)	HRF	Non-hazardous soil/Fill	31.28
4/16/24	1162	JC Transport / 44	AW725N	A2 (0-5') A2 (5'-10') B1 (5-10)	HRF	Non-hazardous soil/Fill	33.97
4/16/24	1163	JC Transport / 42	AW544B	A2 (0-5') A2 (5'-10') B1 (5-10)	HRF	Non-hazardous soil/Fill	31.97
4/16/24	1083	JC Transport / 61	AX286W	A1 (10-15') A2 (5'-10') B1 (5-10)	HRF	Non-hazardous soil/Fill	35.14
4/16/24	1971	JC Transport / 47	AW728N	A1 (10-15') A2 (5'-10') B1 (5-10)	HRF	Non-hazardous soil/Fill	34.83
4/16/24	1972	JC Transport / 40	AU606U	A1 (10-15') A2 (5'-10') B1 (5-10)	HRF	Non-hazardous soil/Fill	30.79
4/16/24	2192	JC Transport / 45	AW726N	A1 (10-15') A2 (5'-10') B1 (5-10)	HRF	Non-hazardous soil/Fill	32.41
4/16/24	2193	JC Transport / 50	AW645W	A1 (10-15') A2 (5'-10') B1 (5-10)	HRF	Non-hazardous soil/Fill	32.25
4/16/24	1160	JC Transport / 54	AX226E	A2 (0-5') A2 (5'-10') B1 (5-10)	HRF	Non-hazardous soil/Fill	34.79
4/16/24	2194	JC Transport / 49	AW644W	A1 (10-15') A2 (5'-10') B1 (5-10)	HRF	Non-hazardous soil/Fill	32.55
4/16/24	2195	JC Transport / 41	AU607U	A1 (10-15') A2 (5'-10') B1 (5-10)	HRF	Non-hazardous soil/Fill	32.13
4/16/24	2196	JC Transport / 44	AW725N	A1 (10-15') A2 (5'-10') B1 (5-10)	HRF	Non-hazardous soil/Fill	34.54
4/16/24	2197	JC Transport / 54	AX226E	A1 (10-15') A2 (5'-10') B1 (5-10)	HRF	Non-hazardous soil/Fill	33.82
4/16/24	2198	JC Transport / 34	AT782U	A1 (10-15') A2 (5'-10') B1 (5-10)	HRF	Non-hazardous soil/Fill	31.57
4/16/24	2199	Mesa Trucking / 4	AX177N	A1 (10-15') A2 (5'-10') B1 (5-10)	HRF	Non-hazardous soil/Fill	33.67
4/16/24	2200	Joel Trucking / 7	AW614K	A1 (10-15') A2 (5'-10') B1 (5-10)	HRF	Non-hazardous soil/Fill	35.87
4/16/24	2131	JC Transport / 42	AW544B	A1 (10-15') A2 (5'-10') B1 (5-10)	HRF	Non-hazardous soil/Fill	33.75
4/16/24	2132	JID / 5	AU843R	A1 (10-15') A2 (5'-10') B1 (5-10)	HRF	Non-hazardous soil/Fill	34.77
4/16/24	2133	Mesa Trucking / 5	AY391G	A1 (10-15') A2 (5'-10') B1 (5-10)	HRF	Non-hazardous soil/Fill	31.16
4/16/24	2134	Joel Trucking / 12	AZ375A	A1 (10-15') A2 (5'-10') B1 (5-10)	HRF	Non-hazardous soil/Fill	36.38
4/16/24	2135	JID / 11	AW251J	A1 (10-15') A2 (5'-10') B1 (5-10)	HRF	Non-hazardous soil/Fill	31.27
4/16/24	2136	Joel Trucking / 5	AU260R	A1 (10-15') A2 (5'-10') B1 (5-10)	HRF	Non-hazardous soil/Fill	34.19
4/16/24	2137	Joel / 1	AW968N	A1 (10-15') A2 (5'-10') B1 (5-10)	HRF	Non-hazardous soil/Fill	33.04
4/18/24	2101	Sebas David / 5	AW625T	A1 (10-15') A2 (10'-15') B1 (5-10)	XRDS	Non-hazardous soil/Fill	30.35
4/18/24	2102	JC Transport / 61	AX286W	A1 (10-15') A2 (10'-15') B1 (5-10)	XRDS	Non-hazardous soil/Fill	29.91
4/18/24	2103	JC Transport / 40	AU606U	A1 (10-15') A2 (10'-15') B1 (5-10)	XRDS	Non-hazardous soil/Fill	30.93
4/18/24	2104	Sebas David / 3	AY867R	A1 (10-15') A2 (10'-15') B1 (5-10)	XRDS	Non-hazardous soil/Fill	34.26
4/18/24	2105	JC Transport / 30	AT778U	A1 (10-15') A2 (10'-15') B1 (5-10)	XRDS	Non-hazardous soil/Fill	31.36
4/18/24	2106	JC Transport / 53	AX457D	A1 (10-15') A2 (10'-15') B1 (5-10)	XRDS	Non-hazardous soil/Fill	33.51
4/18/24	2107	Sebas David / 4	AW737F	A1 (10-15') A2 (10'-15') B1 (5-10)	XRDS	Non-hazardous soil/Fill	35.58
4/18/24	2108	WV Services / 74	AY410V	A1 (10-15') A2 (10'-15') B1 (5-10)	XRDS	Non-hazardous soil/Fill	35.42
4/18/24	2109	JC Transport / 34	AT782U	A1 (10-15') A2 (10'-15') B1 (5-10)	XRDS	Non-hazardous soil/Fill	31.67
4/18/24	2110	JC Transport / 48	AW643W	A1 (10-15') A2 (10'-15') B1 (5-10)	XRDS	Non-hazardous soil/Fill	33.57
4/18/24	2111	HB Express / 88	AW539H	A1 (10-15') A2 (10'-15') B1 (5-10)	XRDS	Non-hazardous soil/Fill	33.92
4/18/24	2112	JC Transport / 54	AX226E	A1 (10-15') A2 (10'-15') B1 (5-10)	XRDS	Non-hazardous soil/Fill	33.69
4/18/24	2113	JC Transport / 44	AW725N	A1 (10-15') A2 (10'-15') B1 (5-10)	XRDS	Non-hazardous soil/Fill	33.83
4/18/24	2114	JC Transport / 55	AY227E	A1 (10-15') A2 (10'-15') B1 (5-10)	XRDS	Non-hazardous soil/Fill	33.84
4/18/24	2115	JC Transport / 61	AX286W	A1 (10-15') A2 (10'-15') B1 (5-10)	XRDS	Non-hazardous soil/Fill	32.28
4/18/24	2116	FVF / 3	AY999C	A1 (10-15') A2 (10'-15') B1 (5-10)	XRDS	Non-hazardous soil/Fill	32.00
4/18/24	2117	JID / 27	AX981H	A1 (10-15') A2 (10'-15') B1 (5-10)	XRDS	Non-hazardous soil/Fill	33.17
4/18/24	2118	JID / 15	AW249J	A1 (10-15') A2 (10'-15') B1 (5-10)	XRDS	Non-hazardous soil/Fill	33.65
4/18/24	2119	JID / 3	AU844R	A1 (10-15') A2 (10'-15') B1 (5-10)	XRDS	Non-hazardous soil/Fill	32.18
4/18/24	2120	JID / 5	AU843R	A1 (10-15') A2 (10'-15') B1 (5-10)	XRDS	Non-hazardous soil/Fill	33.50
4/18/24	2121	JID / 10	AW630E	A1 (10-15') A2 (10'-15') B1 (5-10)	XRDS	Non-hazardous soil/Fill	32.73
4/18/24	2122	JID / 1	AY393R	A1 (10-15') A2 (10'-15') B1 (5-10)	XRDS	Non-hazardous soil/Fill	30.57
4/19/24	2123	Pipos / 13	AY903R	A1 (10'-15') A2 (10'-15') B1 (5'-10')	XRDS	Non-hazardous soil/Fill	36.46
4/19/24	2124	Idrovo / 1	AR438F	A1 (10'-15') A2 (10'-15') B1 (5'-10')	XRDS	Non-hazardous soil/Fill	34.50
4/19/24	2125	H&A / 1	AP552Y	A1 (10'-15') A2 (10'-15') B1 (5'-10')	XRDS	Non-hazardous soil/Fill	32.10
4/19/24	2126	Andrades / 10	AW854W	A1 (10'-15') A2 (10'-15') B1 (5'-10')	XRDS	Non-hazardous soil/Fill	34.29
4/19/24	2127	Andrades / 11	AY189N	A1 (10'-15') A2 (10'-15') B1 (5'-10')	XRDS	Non-hazardous soil/Fill	36.68
4/19/24	2128	Andrades / 1	AX406N	A1 (10'-15') A2 (10'-15') B1 (5'-10')	XRDS	Non-hazardous soil/Fill	36.19
4/19/24	2129	Pipos / 8	AY847K	A1 (10'-15') A2 (10'-15') B1 (5'-10')	XRDS	Non-hazardous soil/Fill	36.51
4/19/24	2130	Pipos / 29	AY902M	A1 (10'-15') A2 (10'-15') B1 (5'-10')	XRDS	Non-hazardous soil/Fill	36.45
4/19/24	2131	JC Transport / 34	AT782U	A1 (10'-15') A2 (10'-15') B1 (5'-10')	XRDS	Non-hazardous soil/Fill	35.45
4/19/24	2132	Joel / 8	AZ371A	A1 (10'-15') A2 (10'-15') B1 (5'-10')	XRDS	Non-hazardous soil/Fill	35.01
4/19/24	2133	JID / 3	AU844R	A1 (10'-15') A2 (10'-15') B1 (5'-10')	XRDS	Non-hazardous soil/Fill	33.12
4/19/24	2134	Joel / 11	AZ374A	B1 (5'-10') B2 (5'-10')	XRDS	Non-hazardous soil/Fill	35.91
4/19/24	2135	Mesa / 5	AY391G	B1 (5'-10') B2 (5'-10')	XRDS	Non-hazardous soil/Fill	31.38
4/19/24	2136	Pipos / 13	AY903R	B1 (5'-10') B2 (5'-10')	XRDS	Non-hazardous soil/Fill	36.45
4/19/24	2137	H&A / 7	AU857D	B1 (5'-10') B2 (5'-10')	XRDS	Non-hazardous soil/Fill	35.88
4/19/24	2138	Pipos / 8	AY847K	B1 (5'-10') B2 (5'-10')	XRDS	Non-hazardous soil/Fill	36.50
4/19/24	2139	USN / 7	AY217K	B1 (5'-10') B2 (5'-10')	XRDS	Non-hazardous soil/Fill	36.15
4/19/24	2140	Pipos / 29	AX902M	B1 (5'-10') B2 (5'-10')	XRDS	Non-hazardous soil/Fill	36.27
4/19/24	2141	USN / 10	AY144M	B1 (5'-10') B2 (5'-10')	XRDS	Non-hazardous soil/Fill	35.42
4/19/24	2142	JID / 15	AW249J	B1 (5'-10') B2 (5'-10')	XRDS	Non-hazardous soil/Fill	31.96
4/19/24	2143	Joel / 9	AZ372A	B1 (5'-10') B2 (5'-10')	XRDS	Non-hazardous soil/Fill	32.92
4/19/24	2144	JID / 10	AX660Z	B1 (5'-10') B2 (5'-10')	XRDS	Non-hazardous soil/Fill	31.98
4/19/24	2145	JID / 1	AY393R	B1 (5'-10') B2 (5'-10')	XRDS	Non-hazardous soil/Fill	31.85
4/19/24	2146	FVF / 3	AY999C	B1 (5'-10') B2 (5'-10')	XRDS	Non-hazardous soil/Fill	32.29
4/19/24	2147	Joel / 5	AU260R	B1 (5'-10') B2 (5'-10')	XRDS	Non-hazardous soil/Fill	27.51
4/19/24	2148	Joel / 10	AZ373A	B1 (5'-10') B2 (5'-10')	XRDS	Non-hazardous soil/Fill	34.17
4/19/24	2149	Andrades / 1	AX406N	B1 (5'-10') B2 (5'-10')	XRDS	Non-hazardous soil/Fill	36.01
4/19/24	2150	Joel / 8	AZ371A	B1 (5'-10') B2 (5'-10')	XRDS	Non-hazardous soil/Fill	31.74
5/1/24	1	Pipos / 4	AX917D	SB-1 (0'-2') SB-5 (0'-2')	MCUA	Non-hazardous soil/Fill	36.32
5/1/24	2	Telra / 6	AY664G	SB-1 (0'-2') SB-5 (0'-2')	MCUA	Non-hazardous soil/Fill	32.97
5/1/24	3	Pipos / 1	AX680W	B1 (0'-5') and B2 (0'-5')	MCUA	Non-hazardous soil/Fill	35.84
5/1/24	4	Ivan / 46	AX955P	B1 (0'-5') and B2 (0'-5')	MCUA	Non-hazardous soil/Fill	33.26
5/1/24	5	Joel / 8	AZ371A	B1 (0'-5') and B2 (0'-5')	MCUA	Non-hazardous soil/Fill	32.57
5/1/24	6	Joel / 9	AZ372A	B1 (0'-5') and B2 (0'-5')	MCUA	Non-hazardous soil/Fill	34.32
5/1/24	7	Joel / 11	AZ374A	B1 (0'-5') and B2 (0'-5')	MCUA	Non-hazardous soil/Fill	29.68
5/1/24	8	JC Transport / 49	AW644W	B1 (0'-5') and B2 (0'-5')	MCUA	Non-hazardous soil/Fill	30.05
5/1/24	9	JC Transport / 45	AW726N	B1 (0'-5') and B2 (0'-5')	MCUA	Non-hazardous soil/Fill	30.41
5/1/24	10	JC Transport / 60	AX287W	B1 (0'-5') and B2 (0'-5')	MCUA	Non-hazardous soil/Fill	24.83
5/1/24	11	JC Transport / 33	AT781U	B1 (0'-5') and B2 (0'-5')	MCUA	Non-hazardous soil/Fill	30.14
5/1/24	12	G&H / 3	AW643Z	B1 (0'-5') and B2 (0'-5')	MCUA	Non-hazardous soil/Fill	29.88
5/1/24	13	Pipos / 04	AX917D	B1 (0'-5') and B2 (0'-5')	MCUA	Non-hazardous soil/Fill	35.23
5/1/24	14	Telra / 6	AY644G	B1 (0'-5') and B2 (0'-5')	MCUA	Non-hazardous soil/Fill	34.66
5/1/24	15	Joel / 9	AZ372A	B1 (0'-5') and B2 (0'-5')	MCUA	Non-hazardous soil/Fill	32.32
5/1/24	16	J & I / 9	AY284X	B1 (0'-5') and B2 (0'-5')	MCUA	Non-hazardous soil/Fill	32.87
5/1/24	17	Joel / 11	AZ374A	B1 (0'-5') and B2 (0'-5')	MCUA	Non-hazardous soil/Fill	31.43
5/1/24	18	JC Transport / 45	AW726N	B1 (0'-5') and B2 (0'-5')	MCUA	Non-hazardous soil/Fill	31.00
5/1/24	19	JC Transport / 33	AT781U	B1 (0'-5') and B2 (0'-5')	MCUA	Non-hazardous soil/Fill	35.31
5/1/24	20	J & I / 3	AY523N	B1 (0'-5') and B2 (0'-5')	MCUA	Non-hazardous soil/Fill	35.70
5/1/24	21	JC Transport / 49	AW699W	B1 (0'-5') and B2 (0'-5')	MCUA	Non-hazardous soil/Fill	32.26
5/1/24	22	JC Transport / 60	AX287W	B1 (0'-5') and B2 (0'-5')	MCUA	Non-hazardous soil/Fill	31.40
5/1/24	23	Pipos / 1	AX680N	B1 (0'-5') and B2 (0'-5')	MCUA	Non-hazardous soil/Fill	35.42
5/1/24	24	Pipos / 04	AX917D	B1 (0'-5') and B2 (0'-5')	MCUA	Non-hazardous soil/Fill	33.45
5/1/24	25	Telra / 6	AY699G	B1 (0'-5') and B2 (0'-5')	MCUA	Non-hazardous soil/Fill	35.82
5/1/24	26	Idrovo / 1	AR438I	B1 (0'-5') and B2 (0'-5')	MCUA	Non-hazardous soil/Fill	35.13
5/3/24	2153	JC Transport / 38	AU604U	B1 (5'-10')	XRDS	Non-hazardous soil/Fill	32.86
5/3/24	2154	JC Transport / 39	AU605U	B1 (5'-10')	XRDS	Non-hazardous soil/Fill	30.02
5/3/24	2155	JC Transport / 48	AW643W	B1 (5'-10')	XRDS	Non-hazardous soil/Fill	32.90
5/3/24	2156	JC Transport / 54	AX226E	B1 (5'-10')	XRDS	Non-hazardous soil/Fill	36.09
5/3/24	2157	JC Transport / 43	AW463F	B1 (5'-10')	XRDS	Non-hazardous soil/Fill	33.16
5/3/24	2158	JC Transport / 55	AX227E	B1 (5'-10')	XRDS	Non-hazardous soil/Fill	33.45
5/3/24	2159	JC Transport / 37	AX384K	B1 (5'-10')	XRDS	Non-hazardous soil/Fill	31.60
5/3/24	2160	JC Transport / 44	AW725N	B1 (5'-10')	XRDS	Non-hazardous soil/Fill	32.27
5/3/24	2161	FTM / 1	AY516B	B1 (5'-10')	XRDS	Non-hazardous soil/Fill	31.53
5/3/24	2162	JC Transport / 62	AY176T	B1 (5'-10')	XRDS	Non-hazardous soil/Fill	31.75
5/3/24	2163	J&I / 3	AY523M	B1 (5'-10')	XRDS	Non-hazardous soil/Fill	28.63
5/3/24	2164	J&I / 1	AW795B	B1 (5'-10')	XRDS	Non-hazardous soil/Fill	30.71
5/7/24	2165	JC Transport / 34	AT782U	B1 (5'-10') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	29.71
5/7/24	2166	JC Transport / 63	C107688	B1 (5'-10') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	34.44
5/7/24	2167	JC Transport / 54	AX226E	B1 (5'-10') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	34.98
5/7/24	2168	JC Transport / 38	AU604U	B1 (5'-10') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	33.97

Table 7
Disposal Quantities and Disposal Facilities
33 4th Street
Brooklyn, New York

Date	Manifest #	Transporter / #	License Plate	Grid / Interval	Disposal Facility	Material Type	Tonnage
5/7/24	2169	JC Transport / 54	AX226E	B1 (5'-10') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	35.19
5/7/24	2170	JC Transport / 39	AU605U	B1 (5'-10') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	33.03
5/7/24	2171	JC Transport / 42	AW544B	B1 (5'-10') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	31.52
5/7/24	2172	JC Transport / 63	C107688	B1 (5'-10') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	34.06
5/7/24	2173	JC Transport / 34	AT782U	B1 (5'-10') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	31.23
5/7/24	2174	JC Transport / 48	AW643W	B1 (5'-10') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	33.25
5/7/24	2175	JC Transport / 43	AW463F	B1 (5'-10') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	33.18
5/7/24	2176	AAJM / 9	AX378P	B1 (5'-10') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	37.43
5/7/24	2177	AAJM / 11	AY976M	B1 (5'-10') B1 (10'-15') A1 (10'-15')	XRDS	Non-hazardous soil/Fill	38.18
5/7/24	2178	AAJM / 4	AX436X	B1 (5'-10') B1 (10'-15') A1 (10'-15')	XRDS	Non-hazardous soil/Fill	36.21
5/7/24	2179	AAJM / 12	AY447R	B1 (5'-10') B1 (10'-15') A1 (10'-15')	XRDS	Non-hazardous soil/Fill	37.70
5/7/24	2180	AAJM / 3	AY511B	B1 (5'-10') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	35.76
5/7/24	2181	AAJM / 5	AX377P	B1 (5'-10') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	33.95
5/7/24	2182	AAJM / 1	AY769Z	B1 (5'-10') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	34.76
5/7/24	2183	AAJM / 6	AX916L	B1 (5'-10') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	35.01
5/8/24	2184	JC Transport / 53	AY457D	B1 (10'-15') B1 (5'-10') A1 (10'-15')	XRDS	Non-hazardous soil/Fill	33.60
5/8/24	2185	JC Transport / 34	AT782U	B1 (10'-15') B1 (5'-10') A1 (10'-15')	XRDS	Non-hazardous soil/Fill	34.24
5/8/24	2186	JC Transport / 49	AW644W	B1 (10'-15') B1 (5'-10') A1 (10'-15')	XRDS	Non-hazardous soil/Fill	32.78
5/8/24	2187	JC Transport / 43	AZ361B	B1 (10'-15') B1 (5'-10') A1 (10'-15')	XRDS	Non-hazardous soil/Fill	35.63
5/8/24	2188	JC Transport / 62	AY176T	B1 (10'-15') B1 (5'-10') A1 (10'-15')	XRDS	Non-hazardous soil/Fill	32.89
5/8/24	2189	JC Transport / 46	AW727N	B1 (10'-15') B1 (5'-10') A1 (10'-15')	XRDS	Non-hazardous soil/Fill	29.73
5/8/24	2190	JC Transport / 39	AU605U	B1 (10'-15') B1 (5'-10') A1 (10'-15')	XRDS	Non-hazardous soil/Fill	31.36
5/8/24	2191	JC Transport / 57	AX229E	B1 (10'-15') B1 (5'-10') A1 (10'-15')	XRDS	Non-hazardous soil/Fill	30.02
5/8/24	2192	Jet / 6	AW210D	B1 (10'-15') B1 (5'-10') A1 (10'-15')	XRDS	Non-hazardous soil/Fill	28.76
5/8/24	2193	Jet / 4	AY385Y	B1 (10'-15') B1 (5'-10') A1 (10'-15')	XRDS	Non-hazardous soil/Fill	31.07
5/8/24	27	JC Transport / 53	AX457D	B1 (0'-5') B2 (0'-5') B2 (5-10)	MCUA	Non-hazardous soil/Fill	29.92
5/8/24	28	JC Transport / 49	AW644W	B1 (0'-5') B2 (0'-5') B2 (5-10)	MCUA	Non-hazardous soil/Fill	32.99
5/8/24	29	JC Transport / 34	AT782U	B1 (0'-5') B2 (0'-5') B2 (5-10)	MCUA	Non-hazardous soil/Fill	30.48
5/8/24	30	JC Transport / 43	AZ361B	B1 (0'-5') B2 (0'-5') B2 (5-10)	MCUA	Non-hazardous soil/Fill	29.59
5/8/24	31	JC Transport / 56	AX228E	B1 (10'-15') B2 (0'-5') B2 (5-10)	MCUA	Non-hazardous soil/Fill	32.78
5/8/24	32	JC Transport / 39	AU605U	B1 (10'-15') B2 (0'-5') B2 (5-10)	MCUA	Non-hazardous soil/Fill	33.03
5/8/24	33	JC Transport / 46	AW727W	B1 (10'-15') B2 (0'-5') B2 (5-10)	MCUA	Non-hazardous soil/Fill	32.50
5/8/24	34	JC Transport / 58	AX385K	B1 (10'-15') B2 (0'-5') B2 (5-10)	MCUA	Non-hazardous soil/Fill	29.45
5/8/24	35	JC Transport / 62	AY176T	B1 (10'-15') B2 (0'-5') B2 (5-10)	MCUA	Non-hazardous soil/Fill	30.25
5/8/24	36	JC Transport / 57	AX229E	B1 (10'-15') B2 (0'-5') B2 (5-10)	MCUA	Non-hazardous soil/Fill	30.55
5/8/24	37	JC Transport / 44	AW725N	B1 (10'-15') B2 (0'-5') B2 (5-10)	MCUA	Non-hazardous soil/Fill	30.61
5/8/24	38	JC Transport / 37	AX384K	B1 (10'-15') B2 (0'-5') B2 (5-10)	MCUA	Non-hazardous soil/Fill	30.57
5/14/24	2001	LST / #1	AY678S	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	35.26
5/14/24	2002	Idrovo / 1	AR438F	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	32.48
5/14/24	2003	MCB / 12	AW636F	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	33.32
5/14/24	2004	MCB / 14	AY604A	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	35.57
5/14/24	2005	Andrades / 8	AT477J	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	31.28
5/14/24	2006	Telra / 8	AY584R	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	32.29
5/14/24	2007	JC Transport / 34	AT782C	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	32.41
5/14/24	2008	Pipos / 6	AX248Z	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	33.88
5/14/24	2009	H&A / 1	AP532Y	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	33.04
5/14/24	2010	Idrovo / 1	AR438F	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	33.91
5/14/24	2011	Telra / 8	AY584R	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	33.07
5/14/24	2012	Andrades / 8	AT477J	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	30.62
5/14/24	2013	LST / #1	AY678S	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	31.79
5/14/24	2014	Pipos / 6	AX248Z	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	30.16
5/14/24	2015	MCB / 14	AY609A	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	31.73
5/14/24	2016	Idrovo / 1	AR438F	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	34.39
5/15/24	2017	Osuna/1	AW592C	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	32.46
5/15/24	2018	Jet/10	AX415X	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	35.10
5/15/24	2019	Jet/9	AX141E	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	30.19
5/15/24	2020	Jet/8	AW580C	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	28.87
5/15/24	2021	JC/49	AW644W	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	30.19
5/15/24	2022	Jet/6	AW210D	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	29.53
5/15/24	2023	JC/33	AT781U	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	36.24
5/15/24	2024	Osuna/3	AY204B	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	33.29
5/15/24	2025	Jet/5	AU771Z	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	32.61
5/15/24	2026	Osuna/2	AW287S	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	36.38
5/15/24	2027	Jet/12	AY502K	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	32.39
5/15/24	2028	Jet/7	AW363K	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	29.88
5/15/24	2029	Osuna/1	AW592C	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	33.90
5/15/24	2030	JC/63	AZ363B	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	34.36
5/15/24	2031	Osuna/3	AY204B	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	33.58
5/15/24	2032	Osuna/2	AW287S	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	34.07
5/15/24	2033	JC/46	AW727N	A1 (10'-15') A2 (10'-15') B1 (10'-15')	XRDS	Non-hazardous soil/Fill	31.51
6/5/24	39	AAJM / 12	AY447R	B1 (5'-10') B2 (5'-10') B1 (10'-15') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	37.80
6/5/24	40	AAJM / 11	AY976R	B1 (5'-10') B2 (5'-10') B1 (10'-15') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	38.85
6/5/24	41	Ninos / 11	AY996C	B1 (5'-10') B2 (5'-10') B1 (10'-15') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	35.04
6/5/24	42	AAJM / 9	AX378P	B1 (5'-10') B2 (5'-10') B1 (10'-15') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	37.47
6/5/24	43	AAJM / 2	AY694C	B1 (5'-10') B2 (5'-10') B1 (10'-15') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	38.28
6/5/24	44	Andrades / 10	AW854W	B1 (5'-10') B2 (5'-10') B1 (10'-15') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	31.10
6/5/24	45	Andrades / 11	AY189N	B1 (5'-10') B2 (5'-10') B1 (10'-15') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	32.63
6/5/24	46	J Granda / 37	AW262N	B1 (5'-10') B2 (5'-10') B1 (10'-15') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	34.48
6/5/24	47	Nino / 1	AU206H	B1 (5'-10') B2 (5'-10') B1 (10'-15') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	33.95
6/5/24	48	Ninos / 3	AY996C	B1 (5'-10') B2 (5'-10') B1 (10'-15') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	35.23
6/5/24	49	AAJM / 11	AY976R	B1 (5'-10') B2 (5'-10') B1 (10'-15') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	38.31
6/5/24	50	AAJM / 12	AY447R	B1 (5'-10') B2 (5'-10') B1 (10'-15') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	35.09
6/5/24	51	AAJM / 9	AX378P	B1 (5'-10') B2 (5'-10') B1 (10'-15') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	35.50
6/5/24	52	J Granda / 7	AU422T	B1 (5'-10') B2 (5'-10') B1 (10'-15') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	29.82
6/5/24	53	J Granda / 37	AW262N	B1 (5'-10') B2 (5'-10') B1 (10'-15') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	29.71
6/6/24	54	Joel / 6	AY375R	B2 (0'-5') B1 (10'-15') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	32.12
6/6/24	55	Joel / 9	AZ372A	B2 (0'-5') B1 (10'-15') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	35.38
6/6/24	56	Joel / 7	AZ370A	B2 (0'-5') B1 (10'-15') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	33.66
6/6/24	57	Mesa / 2	AU927B	B2 (0'-5') B1 (10'-15') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	31.95
6/6/24	58	Joel / 1	AS420W	B2 (0'-5') B1 (10'-15') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	31.79
6/6/24	59	Joel 8	AS371A	B2 (0'-5') B1 (10'-15') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	34.00
6/6/24	60	Joel / 10	AZ373A	B2 (0'-5') B1 (10'-15') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	36.07
6/6/24	61	Joel / 4	AX177N	B2 (0'-5') B1 (10'-15') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	33.70
6/6/24	62	Joel / 5	AU260R	B2 (0'-5') B1 (10'-15') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	30.92
6/6/24	63	Joel / 11	AZ374A	B2 (0'-5') B1 (10'-15') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	31.64
6/7/24	64	Joel / 8	AZ371A	B2 (0'-5') B2 (5'-10') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	32.77
6/7/24	65	Mesa / 5	AY391G	B2 (0'-5') B2 (5'-10') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	31.50
6/7/24	66	Joel / 6	AY375R	B2 (0'-5') B2 (5'-10') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	33.76
6/7/24	67	Joel / 12	AZ375A	B2 (0'-5') B2 (5'-10') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	34.42
6/7/24	68	Joel / 10	AZ373A	B2 (0'-5') B2 (5'-10') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	34.22
6/7/24	69	Joel / 4	AX177N	B2 (0'-5') B2 (5'-10') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	33.64
6/7/24	70	Joel / 9	AZ372A	B2 (0'-5') B2 (5'-10') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	33.33
6/7/24	71	Joel / 5	AU260R	B2 (0'-5') B2 (5'-10') B2 (10'-15')	MCUA	Non-hazardous soil/Fill	33.47
6/20/24	76	JC Transport / 28	AY671U	B1 (10'-15'), B2 (5'-10'), B2 (10'-15')	MCUA	Non-hazardous soil/Fill	8.08
6/20/24	75	Pipos / 6	AX2482	B1 (10'-15'), B2 (5'-10'), B2 (10'-15')	MCUA	Non-hazardous soil/Fill	14.68
6/20/24	74	Pipos / 4	AX917D	B1 (10'-15'), B2 (5'-10'), B2 (10'-15')	MCUA	Non-hazardous soil/Fill	29.96
6/20/24	73	JC Transport / 48	AW643W	B1 (10'-15'), B2 (5'-10'), B2 (10'-15')	MCUA	Non-hazardous soil/Fill	29.97
6/20/24	72	JC Transport / 40	AO606U	B1 (10'-15'), B2 (5'-10'), B2 (10'-15')	MCUA	Non-hazardous soil/Fill	29.27
						TOTAL	**12072.03**

XRDS TOTAL	7197.32
MCUA TOTAL	2458.55
HFR TOTAL	2416.16

Table 8
Backfill Quantities and Sources
33 4th Street, Brooklyn, New York

Date	Truck # and Company	Ticket #	License Plate	Generator	Material	Cubic Yards	Tons
3/29/2024	Dirt Kings	418083111	AY400Z	Tilcon MT Hope	ASTM # 57 - 3/4	-	25.32
3/29/2024	Dirt Kings	418083110	AW249J	Tilcon MT Hope	ASTM # 57 - 3/4	-	24.68
4/3/2024	Dirt Kings	418084505	AY685N	Tilcon MT Hope	ASTM # 57 - 3/4	-	23.23
5/15/2024	Dirt Kings	418104355	AZ911A	Tilcon MT Hope	ASTM # 57 - 3/4	-	24.47
5/16/2024	Dirt Kings	418104840	AY647L	Tilcon MT Hope	ASTM # 57 - 3/4	-	24.75
5/30/2024	Dirt Kings	418112018	AY647L	Tilcon MT Hope	ASTM # 57 - 3/4	-	24.13
5/30/2024	Dirt Kings	418112557	AY685N	Tilcon MT Hope	ASTM # 57 - 3/4	-	23.61
6/3/2024	Dirt Kings	418112967	AY455L	Tilcon MT Hope	ASTM # 57 - 3/4	-	26.22
6/4/2024	Dirt Kings	418113593	AY685N	Tilcon MT Hope	ASTM # 57 - 3/4	-	23.89
6/20/2024	Dirt Kings	418122154	AS416T	Tilcon MT Hope	ASTM # 57 - 3/4	-	25.44
6/20/2024	Dirt Kings	418122045	AX781C	Tilcon MT Hope	ASTM # 57 - 3/4	-	25.44
7/3/2024	Dirt Kings	418126826	AY742N	Tilcon MT Hope	ASTM # 57 - 3/4	-	23.37
7/3/2024	Dirt Kings	418126789	AY647L	Tilcon MT Hope	ASTM # 57 - 3/4	-	24.81
7/8/2024	Dirt Kings	418127576	AX108X	Tilcon MT Hope	ASTM # 57 - 3/4	-	25.06
7/2/2024	Jet #6	3387	AW210D	Clean Soil Bank	Clean Fill	20	-
7/2/2024	Jet #13	3388	AY880G	Clean Soil Bank	Clean Fill	20	-
7/2/2024	Jet #13	3392	AY880G	Clean Soil Bank	Clean Fill	20	-
7/2/2024	Jet #6	3393	AW210D	Clean Soil Bank	Clean Fill	20	-
7/2/2024	Jet #6	3395	AW210D	Clean Soil Bank	Clean Fill	20	-
7/2/2024	Jet #13	3396	AY880G	Clean Soil Bank	Clean Fill	20	-
7/3/2024	Jet #40	3409	AX415X	Clean Soil Bank	Clean Fill	20	-
7/3/2024	Jet #40	3404	AX415X	Clean Soil Bank	Clean Fill	20	-
7/3/2024	Jet # 12	3400	AY502K	Clean Soil Bank	Clean Fill	20	-
7/3/2024	Jet #11	3399	AY875A	Clean Soil Bank	Clean Fill	20	-
7/3/2024	Jet #11	3405	AY875A	Clean Soil Bank	Clean Fill	20	-
7/3/2024	Jet #40	3401	AX415X	Clean Soil Bank	Clean Fill	20	-
7/3/2024	Jet #12	3406	AY502C	Clean Soil Bank	Clean Fill	20	-
7/3/2024	Jet #12	3410	AY502C	Clean Soil Bank	Clean Fill	20	-
7/3/2024	Jet #11	3407	AY875A	Clean Soil Bank	Clean Fill	20	-
7/8/2024	Jet #8	2107	AW580C	XRDS SCF Stockpile	Screened Clean Fill	20	-
7/8/2024	Jet #6	2106	AW210D	XRDS SCF Stockpile	Screened Clean Fill	20	-
7/8/2024	Jet #10	2105	AX415X	XRDS SCF Stockpile	Screened Clean Fill	20	-
7/17/2024	Jet #8	2148	AW580C	XRDS SCF Stockpile	Screened Clean Fill	20	-
7/22/2024	Vilog #15	2151	AW897C	XRDS SCF Stockpile	Screened Clean Fill	20	-
7/22/2024	Osuna #4	2152	AZ664C	XRDS SCF Stockpile	Screened Clean Fill	20	-
7/22/2024	Osuna #1	2153	AW592C	XRDS SCF Stockpile	Screened Clean Fill	20	-
7/22/2024	Vilog #1	2154	AY958P	XRDS SCF Stockpile	Screened Clean Fill	20	-
7/22/2024	Vilog #77	2155	AZ886C	XRDS SCF Stockpile	Screened Clean Fill	20	-
7/22/2024	Osuna #1	2156	AW592C	XRDS SCF Stockpile	Screened Clean Fill	20	-
7/22/2024	Osuna #3	2157	AY204B	XRDS SCF Stockpile	Screened Clean Fill	20	-
7/22/2024	Osuna #4	2158	AZ664C	XRDS SCF Stockpile	Screened Clean Fill	20	-
7/23/2024	Vilog #15	2161	AW885C	XRDS SCF Stockpile	Screened Clean Fill	20	-
7/23/2024	Osuna #2	2162	AW287S	XRDS SCF Stockpile	Screened Clean Fill	20	-
7/23/2024	Osuna #3	2163	AY204B	XRDS SCF Stockpile	Screened Clean Fill	20	-
7/23/2024	Sebest #3	2160	AY623Y	XRDS SCF Stockpile	Screened Clean Fill	20	-
7/23/2024	Sebest #1	2159	AY175L	XRDS SCF Stockpile	Screened Clean Fill	20	-
7/23/2024	Vilog #1	2164	AY958P	XRDS SCF Stockpile	Screened Clean Fill	20	-
7/23/2024	Osuna #1	2165	AW592C	XRDS SCF Stockpile	Screened Clean Fill	20	-
7/23/2024	Sebest #2	2166	AX581L	XRDS SCF Stockpile	Screened Clean Fill	20	-
7/23/2024	Vilog #77	2167	AZ886C	XRDS SCF Stockpile	Screened Clean Fill	20	-
7/24/2024	Osuna #2	2174	AW287S	XRDS SCF Stockpile	Screened Clean Fill	20	-
7/24/2024	Osuna #1	2173	AW592C	XRDS SCF Stockpile	Screened Clean Fill	20	-
7/24/2024	Osuna #1	2178	AW592C	XRDS SCF Stockpile	Screened Clean Fill	20	-
7/24/2024	Jet #10	2179	AX415X	XRDS SCF Stockpile	Screened Clean Fill	20	-
7/24/2024	Jet #40	2183	AY385Y	XRDS SCF Stockpile	Screened Clean Fill	20	-
7/24/2024	Jet #9	2182	AX141E	XRDS SCF Stockpile	Screened Clean Fill	20	-
7/29/2024	Osuna #3	2194	AY204B	XRDS SCF Stockpile	Screened Clean Fill	20	-
7/29/2024	Osuna #3	2203	AY204B	XRDS SCF Stockpile	Screened Clean Fill	20	-
7/29/2024	Osuna #4	2206	AZ664C	XRDS SCF Stockpile	Screened Clean Fill	20	-
7/29/2024	Osuna #2	2209	AW287S	XRDS SCF Stockpile	Screened Clean Fill	20	-
8/6/2024	Osuna #2	2244	AW287S	XRDS SCF Stockpile	Screened Clean Fill	20	-
8/6/2024	Osuna #3	2245	AY204B	XRDS SCF Stockpile	Screened Clean Fill	20	-
8/6/2024	Osuna #2	2244	AW287S	XRDS SCF Stockpile	Screened Clean Fill	20	-
8/6/2024	Osuna #3	2245	AY204B	XRDS SCF Stockpile	Screened Clean Fill	20	-
8/12/2024	Jet #10	2264	AX415X	XRDS SCF Stockpile	Screened Clean Fill	20	-
8/12/2024	Jet #9	2263	AX141E	XRDS SCF Stockpile	Screened Clean Fill	20	-
8/12/2024	Jet #10	2226	AY204B	XRDS SCF Stockpile	Screened Clean Fill	20	-
8/12/2024	Jet #9	2265	AX141E	XRDS SCF Stockpile	Screened Clean Fill	20	-
8/23/2024	Sebest #3	2279	AY623Y	XRDS SCF Stockpile	Screened Clean Fill	20	
8/23/2024	Sebest #5	2280	AY736W	XRDS SCF Stockpile	Screened Clean Fill	20	
8/29/2024	Osuna #3	2681	AY204B	XRDS SCF Stockpile	Screened Clean Fill	20	
9/4/2024	Jet #11	2292	AY875A	XRDS SCF Stockpile	Screened Clean Fill	20	
9/4/2024	Jet #12	2293	AY502K	XRDS SCF Stockpile	Screened Clean Fill	20	
9/13/2024	Jet #6	2359	AW210D	XRDS SCF Stockpile	Screened Clean Fill	20	
9/13/2024	Jet #8	2360	AW580C	XRDS SCF Stockpile	Screened Clean Fill	20	
9/17/2024	Uriel	418160969	AY949W	Tilcon MT Hope	ASTM # 57 - 3/4	-	23.13
9/17/2024	Uriel	418160657	AY117M	Tilcon MT Hope	ASTM # 57 - 3/4	-	21.75