69 EAST 125TH STREET

MANHATTAN, NEW YORK

Remedial Action Work Plan

NYC VCP Number: 15EHAN353M

Prepared for:

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MARCH 2015

REMEDIAL ACTION WORK PLAN

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LIST OF ACRONYMS

Acronym	Definition
AOC	Area of Concern
AS/SVE	Air Sparging/Soil Vapor Extraction
BOA	Brownfield Opportunity Area
CAMP	Community Air Monitoring Plan
C/D	Construction/Demolition
COC	Certificate of Completion
CQAP	Construction Quality Assurance Plan
CSOP	Contractors Site Operation Plan
DCR	Declaration of Covenants and Restrictions
ECs/ICs	Engineering and Institutional Controls
HASP	Health and Safety Plan
IRM	Interim Remedial Measure
VCA	Voluntary Cleanup Agreement
MNA	Monitored Natural Attenuation
NOC	Notice of Completion
NYC VCP	New York City Voluntary Cleanup Program
NYC DEP	New York City Department of Environmental Protection
NYC DOHMH	New York State Department of Health and Mental Hygiene
NYCRR	New York Codes Rules and Regulations
NYC OER	New York City Office of Environmental Remediation
NYS DEC	New York State Department of Environmental Conservation
NYS DEC DER	New York State Department of Environmental Conservation Division of Environmental Remediation
NYS DOH	New York State Department of Health
NYS DOT	New York State Department of Transportation
ORC	Oxygen-Release Compound
OSHA	United States Occupational Health and Safety Administration
PE	Professional Engineer

PID	Photo Ionization Detector
QEP	Qualified Environmental Professional
QHHEA	Qualitative Human Health Exposure Assessment
RAOs	Remedial Action Objectives
RAR	Remedial Action Report
RAWP	Remedial Action Work Plan or Plan
RCA	Recycled Concrete Aggregate
RD	Remedial Design
RI	Remedial Investigation
RMZ	Residual Management Zone
SCOs	Soil Cleanup Objectives
SCG	Standards, Criteria and Guidance
SMP	Site Management Plan
SPDES	State Pollutant Discharge Elimination System
SVOC	Semi-Volatile Organic Compound
USGS	United States Geological Survey
UST	Underground Storage Tank
VOC	Volatile Organic Compound

CERTIFICATION

I, Ralph J. Orlando, am a Professional Engineer licensed in the State of New York. I have primary direct responsibility for implementation of the remedial action for the 69 East 125th Street Site 15EHAN353M.

I, David Umbach, am a Qualified Environmental Professional as defined in §43-140. I have primary direct responsibility for implementation of the remedial action for the 69 East 125th Street Site 15EHAN353M.

I certify that this Remedial Action Work Plan (RAWP) has a plan for handling, transport and disposal of soil, fill, fluids and other materials removed from the property in accordance with applicable City, State and Federal laws and regulations. Importation of all soil, fill and other material from off-Site will be in accordance with all applicable City, State and Federal laws and requirements. This RAWP has provisions to control nuisances during the remediation and all invasive work, including dust and odor suppression.

_____
Name

_____
NYS PE License Number

_____
Signature

_____
Date

PE Stamp

_____
QEP Name

_____
QEP Signature

_____
Date

EXECUTIVE SUMMARY

69 East 125 Street Owner, LLC has enrolled in the New York City Voluntary Brownfield Cleanup Program (NYC VCP) to investigate and remediate a number-square foot site located at 69, 71, and 75 East 125th Street and 58 East 126th Street in Manhattan, New York. A remedial investigation (RI) was performed to compile and evaluate data and information necessary to develop this Remedial Action Work Plan (RAWP). The remedial action described in this document provides for the protection of public health and the environment consistent with the intended property use, complies with applicable environmental standards, criteria and guidance and conforms with applicable laws and regulations.

Site Location and Current Usage

The Site is comprised of the properties located at 69 East 125th Street, 71 East 125th Street, 75 East 125th Street, and 58 East 126th Street in the Harlem section in Manhattan, New York, and comprises of Lots 28, 29, 30, and 44, which are all located in Block 1750, on the New York City Tax Map. Figure 1 shows the Site location. The Site is 10,788-square feet and is bounded by 125th and 126th Streets, multiple-story residential buildings to the north, a vacant building to the south, multiple-story commercial and residential buildings to the east and west. A map of the site boundary is shown in Figure 2. Lots 28, 29, and 30 are located along East 125th Street and Lot 44 is located along East 126th Street. Lots 29 and 44 are currently vacant lots, while lots 28 and 30 are occupied by vacant buildings. Details of each lot are provided below:

The Site lot located at 69 East 125th Street (Lot 28) has a property size of approximately 2,500 square feet. A four-story building with a basement exists at the property, which is currently vacant. The building is estimated to have been constructed in 1921. The Site was formerly utilized as a Funeral Home, Rehabilitation Treatment Center, and residential building. The Site is currently classified by the NYC DOF as Building Classification K4-Store Building.

The Site lot located at 71 East 125th Street (Lot 29) has a property size of approximately 2,500 square feet. The Site was formerly utilized as a bakery, retail stores, and a residential building; currently, it is a vacant lot with a fence along the frontage of the property. The Site is currently classified by the NYC DOF as Building Classification V1 – Vacant Land.

The Site lot located at 75 East 125th Street (Lot 30) has a property size of approximately 3,500 square feet. A two-story building with a basement exists at the property, which is currently vacant. The building is estimated to have been constructed in 1920. The Site was formerly utilized as an office building, bank, nursery, and church. The Site is currently classified by NYC DOF as Building Classification M1 – Church/Synagogue.

The Site lot located at 58 East 126th Street (Lot 44) has a property size of approximately 2,000 square feet. The Site was formerly utilized as a residential building; currently, it is a vacant lot with a fence along the frontage of the property. The Site is currently classified by the NYC DOF as Building Classification V1 – Vacant Land. The area surrounding the Site is characterized as Commercial/Retail and Residential.

Summary of Proposed Redevelopment Plan

The planned development consists of the demolition of the existing vacant buildings located at Lots 28 and 30 and construction of a twelve-story building along 125th Street with a single level cellar and a six-story building with a penthouse and a single level cellar at 58 East 126th Street. The two buildings will be connected via a joint cellar parking area. The building at 125th Street will be approximately 5,216 square feet and the building at 126th Street will be approximately 1,356 square feet. The lobby of the building located at 125th Street will include commercial properties.

The current zoning designation for East 125th Street is R8A with a C4-4D overlay on the southern portion of the Site along East 125th Street. The current zoning designation for East 126th Street is R6A. The proposed Site use is consistent with existing zoning designations. The New York City Department of City Planning (NYC DCP) has assigned an E-designation (E-201) to the Site.

The E-designations for each lot that comprise the Site are presented in the following table:

Lot (Address)	Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water	Exhaust Stack Location Limitations	Underground Storage Tanks Testing Protocol	Window Wall Attenuation & Alternate Ventilation
Lot 28 (69 E. 125th St)	x	x	x	x
Lot 29 (71 E. 125th St)	x	x	x	x
Lot 30 (75 E. 125th St)	x	x	x	x
Lot 44 (58 E. 126th St)	x	x	x	x

In order to address the E-designation for hazardous materials (UST Testing Protocol), select areas of soil within the footprint of the proposed buildings will be excavated, removed, and disposed of at an offsite facility. An institutional/engineering control is planned to be put in place for any remaining soil that will not be excavated and removed from the Site. Historic fill material soil extends from the surface to approximately 13 to 14 feet bgs.

Summary of the Remedy

The proposed remedial action achieves protection of public health and the environment for the intended use of the property. The proposed remedial action achieves all of the remedial action objectives established for the project and addresses applicable standards, criterion, and guidance; is effective in both the short-term and long-term and reduces mobility, toxicity and volume of contaminants; is cost effective and implementable; and uses standards methods that are well established in the industry.

The proposed remedial action will consist of:

1. Preparation of a Community Protection Statement and implementation of a Citizen Participation Plan.
2. Perform a Community Air Monitoring Program for particulates and volatile organic carbon compounds.
3. Establish Track 1 and Track 4 Soil Cleanup Objectives (SCOs). Excavation and removal of soil/fill exceeding SCOs.
4. Construction and maintenance of an engineered composite cover consisting of concrete or asphalt pavement, a minimum 5-inch thick building slab, and a minimum two foot

clean fill cap on top of landscaped area to prevent human exposure to residual soil/fill remaining under the Site;

5. Installation of a vapor barrier system beneath the building slab and outside foundation sidewalls below grade.
6. Collection and analysis of end-point samples to determine the performance of the remedy with respect to attainment of SCOs.
7. Demarcation of residual soil/fill.
8. Import of materials to be used for backfill and cover in compliance with this plan and in accordance with applicable laws and regulations.
9. Transportation and off-Site disposal of all soil/fill material at permitted facilities in accordance with applicable laws and regulations for handling, transport, and disposal, and this plan. Sampling and analysis of excavated media as required by disposal facilities. Appropriate segregation of excavated media onsite.
10. Screening of excavated soil/fill during intrusive work for indications of contamination by visual means, odor, and monitoring with a PID.
11. Site mobilization involving Site security setup, equipment mobilization, utility mark outs and marking & staking excavation areas.
12. Implementation of storm-water pollution prevention measures in compliance with applicable laws and regulations.
13. Performance of all activities required for the remedial action, including permitting requirements and pretreatment requirements, in compliance with applicable laws and regulations.
14. Submission of a RAR that describes the remedial activities certifies that the remedial requirements have been achieved, defines the Site boundaries, lists any changes from this RAWP, and describes all Engineering and Institutional Controls to be implemented at the Site.

15. Submission of an approved Site Management Plan (SMP) in the RAR for long-term management of residual contamination, including plans for operation, maintenance, monitoring, inspection and certification of Engineering and Institutional Controls and reporting at a specified frequency.

    If Track 1 SCOs are not achieved, submission of an approved Site Management Plan (SMP) in the RAR for long-term management of residual contamination, including plans for operation, maintenance, monitoring, inspection and certification of Engineering and Institutional Controls and reporting at a specified frequency.

16. Recording of a Declaration of Covenants and Restrictions that includes a listing of Engineering Controls and Institutional Controls and a requirement that management of these controls must be in compliance with an approved SMP. Institutional Controls will include prohibition of the following: (1) vegetable gardening and farming; (2) use of groundwater without treatment rendering it safe for the intended use; (3) disturbance of residual contaminated material unless it is conducted in accordance with the SMP; and (4) higher level of land usage without OER-approval.

    If Track 1 SCOs are not achieved, Recording of a Declaration of Covenants and Restrictions that includes a listing of Engineering Controls and Institutional Controls and a requirement that management of these controls must be in compliance with an approved SMP. Institutional Controls will include prohibition of the following: (1) vegetable gardening and farming; (2) use of groundwater without treatment rendering it safe for the intended use; (3) disturbance of residual contaminated material unless it is conducted in accordance with the SMP; and (4) higher level of land usage without OER-approval.

    The property will continue to be registered with an E-Designation by the NYC Buildings Department. Establishment of Engineering Controls and Institutional Controls in this RAWP and a requirement that management of these controls must be in compliance with an approved SMP. Institutional Controls will include prohibition of the following: (1) vegetable gardening and farming; (2) use of groundwater without treatment rendering it safe for the intended use; (3) disturbance of residual contaminated material unless it is

conducted in accordance with the SMP; and (4) higher level of land usage without OER-approval.

COMMUNITY PROTECTION STATEMENT

The Office of Environmental Remediation created the New York City Voluntary Cleanup Program (NYC VCP) to provide governmental oversight for the cleanup of contaminated property in NYC. This Remedial Action Work Plan ("cleanup plan") describes the findings of prior environmental studies that show the location of contamination at the site, and describes the plans to clean up the site to protect public health and the environment.

This cleanup plan provides a very high level of protection for neighboring communities. This cleanup plan also includes many other elements that address common community concerns, such as community air monitoring, odor, dust and noise controls, hours of operation, good housekeeping and cleanliness, truck management and routing, and opportunities for community participation. The purpose of this Community Protection Statement is to explain these community protection measures in non-technical language to simplify community review.

Remedial Investigation and Cleanup Plan. Under the NYC BCP, a thorough cleanup study of this property (called a remedial investigation) has been performed to identify past property usage, to sample and test soils, groundwater and soil vapor, and identify contaminant sources present on the property. The cleanup plan has been designed to address all contaminant sources that have been identified during the study of this property.

Identification of Sensitive Land Uses. Prior to selecting a cleanup, the neighborhood was evaluated to identify sensitive land uses nearby, such as schools, day care facilities, hospitals and residential areas. The cleanup program was then tailored to address the special conditions of this community.

Qualitative Human Health Exposure Assessment. An important part of the cleanup planning for the Site is the performance of a study to find all of the ways that people might come in contact with contaminants at the Site now or in the future. This study is called a Qualitative Human Health Exposure Assessment (QHHEA). A QHHEA was performed for this project. This assessment has considered all known contamination at the Site and evaluated the potential for people to come in contact with this contamination. All identified public exposures will be addressed under this cleanup plan.

Health and Safety Plan. This cleanup plan includes a Health and Safety Plan that is designed to protect community residents and on-Site workers. The elements of this plan are in compliance with safety requirements of the United States Occupational Safety and Health Administration. This plan includes many protective elements including those discussed below.

Site Safety Coordinator. This project has a designated Site safety coordinator to implement the Health and Safety Plan. The safety coordinator maintains an emergency contact sheet and protocol for management of emergencies. The Site safety coordinator is Alexandra Hassler and can be reached at (732) 245-0365.

Worker Training. Workers participating in cleanup of contaminated material on this project are required to be trained in a 40-hour hazardous waste operators training course and to take annual refresher training. This pertains to workers performing specific tasks including removing contaminated material and installing cleanup systems in contaminated areas.

Community Air Monitoring Plan. Community air monitoring will be performed during this cleanup project to ensure that the community is properly protected from contaminants, dust and odors. Air samples will be tested in accordance with a detailed plan called the Community Air Monitoring Plan or CAMP. Results will be regularly reported to the NYC Office of Environmental Remediation. This cleanup plan also has a plan to address any unforeseen problems that might occur during the cleanup (called a 'Contingency Plan').

Odor, Dust and Noise Control. This cleanup plan includes actions for odor and dust control. These actions are designed to prevent off-Site odor and dust nuisances and includes steps to be taken if nuisances are detected. Generally, dust is managed by application of physical covers and by water sprays. Odors are controlled by limiting the area of open excavations, physical covers, spray foams and by a series of other actions (called operational measures). The project is also required to comply with NYC noise control standards. If you observe problems in these areas, please contact the onsite Project Manager Carrie Berry at (732) 380-1700 ext. 1414or NYC Office of Environmental Remediation Project Manager Katherine Glass at (212) 676-4925).

Quality Assurance. This cleanup plan requires that evidence be provided to illustrate that all cleanup work required under the plan has been completed properly. This evidence will be

summarized in the final report, called the Remedial Action Report. This report will be submitted to the NYC Office of Environmental Remediation and will be thoroughly reviewed.

Storm-Water Management. To limit the potential for soil erosion and discharge, this cleanup plan has provisions for storm-water management. The main elements of the storm water management include physical barriers such as tarp covers and erosion fencing, and a program for frequent inspection.

Hours of Operation. The hours for operation of cleanup will comply with the NYC Department of Buildings construction code requirements or according to specific variances issued by that agency. For this cleanup project, the hours of operation are 7:00 AM to 5:00 P on Monday through Friday.

Signage. While the cleanup is in progress, a placard will be prominently posted at the main entrance of the property with a laminated project Fact Sheet that states that the project is in the NYC Voluntary Cleanup Program, provides project contact names and numbers, and locations of project documents can be viewed.

Complaint Management. The contractor performing this cleanup is required to address all complaints. If you have any complaints, you can call the facility Project Manager Carrie Berry at (732) 380-1700 ext. 1414, the NYC Office of Environmental Remediation Project Manager Katherine Glass at (212) 676-4925, or call 311 and mention the Site is in the NYC Voluntary Cleanup Program.

Utility Mark-outs. To promote safety during excavation in this cleanup, the contractor is required to first identify all utilities and must perform all excavation and construction work in compliance with NYC Department of Buildings regulations.

Soil and Liquid Disposal. All soil and liquid material removed from the Site as part of the cleanup will be transported and disposed of in accordance with all applicable City, State and Federal regulations and required permits will be obtained.

Soil Chemical Testing and Screening. All excavations will be supervised by a trained and properly qualified environmental professional. In addition to extensive sampling and chemical testing of soils on the Site, excavated soil will be screened continuously using hand-held

instruments, by sight, and by smell to ensure proper material handling and management, and community protection.

Stockpile Management. Soil stockpiles will be kept covered with tarps to prevent dust, odors and erosion. Stockpiles will be frequently inspected. Damaged tarp covers will be promptly replaced. Stockpiles will be protected with silt fences. Hay bales will be used, as needed to protect storm water catch basins and other discharge points.

Trucks and Covers. Loaded trucks leaving the Site will be covered in compliance with applicable laws and regulations to prevent dust and odor. Trucks will be properly recorded in logs and records and placarded in compliance with applicable City, State and Federal laws, including those of the New York State Department of Transportation. If loads contain wet material that can leak, truck liners will be used. All transport of materials will be performed by licensed truckers and in compliance with all laws and regulations.

Imported Material. All fill materials proposed to be brought onto the Site will comply with rules outlined in this cleanup plan and will be inspected and approved by a qualified worker located on-Site. Waste materials will not be brought onto the Site. Trucks entering the Site with imported clean materials will be covered in compliance with applicable laws and regulations.

Equipment Decontamination. All equipment used for cleanup work will be inspected and washed, if needed, before it leaves the Site. Trucks will be cleaned at a truck inspection station on the property before leaving the Site.

Housekeeping. Locations where trucks enter or leave the Site will be inspected every day and cleaned regularly to ensure that they are free of dirt and other materials from the Site.

Truck Routing. Truck routes have been selected to: (a) limit transport through residential areas and past sensitive nearby properties; (b) maximize use of city-mapped truck routes; (c) limit total distance to major highways; (d) promote safety in entry to highways; (e) promote overall safety in trucking; and (f) minimize off-Site line-ups (queuing) of trucks entering the property. Operators of loaded trucks leaving the Site will be instructed not to stop or idle in the local neighborhood.

Final Report. The results of all cleanup work will be fully documented in a final report (called a Remedial Action Report) that will be available for you to review in the public document repositories located the Harlem Library.

Long-Term Site Management. To provide long-term protection after the cleanup is complete, the property owner may be required to comply with an ongoing Site Management Plan that calls for continued inspection of protective controls, such as Site covers. The Site Management Plan is evaluated and approved by the NYC Office of Environmental Remediation. Requirements that the property owner must comply with are defined in the property's deed or established through a city environmental designation. A certification of continued protectiveness of the cleanup will be required from time to time to show that the approved cleanup is still effective.

REMEDIAL ACTION WORK PLAN

1.0 SITE BACKGROUND

69 East 125 Street Owner, LLC has enrolled in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a property located at 69, 71, & 75 East 125th Street and 58 East 126th Street in the Harlem section of Manhattan, New York (the "Site"). A Remedial Investigation (RI) was performed to compile and evaluate data and information necessary to develop this 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. This RAWP establishes remedial action objectives, provides a remedial alternatives analysis that includes consideration of a permanent cleanup, and provides a description of the selected remedial action. The remedial action described in this document provides for the protection of public health and the environment, complies with applicable environmental standards, criteria and guidance and applicable laws and regulations.

1.1 SITE LOCATION AND CURRENT USAGE

The Site is comprised of the properties located at 69 East 125th Street, 71 East 125th Street, 75 East 125th Street, and 58 East 126th Street in the Harlem section in Manhattan, New York, and comprises of Lots 28, 29, 30, and 44, which are all located in Block 1750, on the New York City Tax Map. Figure 1 shows the Site location. The Site is 10,788-square feet and is bounded by 125th and 126th Streets, multiple-story residential buildings to the north, a vacant building to the south, multiple-story commercial and residential buildings to the east and west. A map of the site boundary is shown in Figure 2. Lots 28, 29, and 30 are located along East 125th Street and Lot 44 is located along East 126th Street. Lots 29 and 44 are currently vacant lots, while lots 28 and 30 are occupied by vacant buildings. Details of each lot are provided below:

The Site lot located at 69 East 125th Street (Lot 28) has a property size of approximately 2,500 square feet. A four-story building with a basement exists at the property, which is currently vacant. The building is estimated to have been constructed in 1921. The Site was formerly utilized as a Funeral Home, Rehabilitation Treatment Center, and residential building. The Site is currently classified by the NYC DOF as Building Classification K4-Store Building.

The Site lot located at 71 East 125th Street (Lot 29) has a property size of approximately 2,500 square feet. The Site was formerly utilized as a bakery, retail stores, and a residential building; currently, it is a vacant lot with a fence along the frontage of the property. The Site is currently classified by the NYC DOF as Building Classification V1 – Vacant Land.

The Site lot located at 75 East 125th Street (Lot 30) has a property size of approximately 3,500 square feet. A two-story building with a basement exists at the property, which is currently vacant. The building is estimated to have been constructed in 1920. The Site was formerly utilized as an office building, bank, nursery, and church. The Site is currently classified by NYC DOF as Building Classification M1 – Church/Synagogue.

The Site lot located at 58 East 126th Street (Lot 44) has a property size of approximately 2,000 square feet. The Site was formerly utilized as a residential building; currently, it is a vacant lot with a fence along the frontage of the property. The Site is currently classified by the NYC DOF as Building Classification V1 – Vacant Land. The area surrounding the Site is characterized as Commercial/Retail and Residential.

1.2 PROPOSED REDEVELOPMENT PLAN

The planned development consists of the demolition of the existing vacant buildings located at Lots 28 and 30 and construction of a twelve-story building along 125th Street with a single level cellar and a six-story building with a penthouse and a single level cellar at 58 East 126th Street. The two buildings will be connected via a joint cellar parking area. The building at 125th Street will be approximately 5,216 square feet and the building at 126th Street will be approximately 1,356 square feet. The lobby of the building located at 125th Street will include commercial properties.

The current zoning designation for East 125th Street is R8A with a C4-4D overlay on the southern portion of the Site along East 125th Street. The current zoning designation for East 126th Street is R6A. The proposed Site use is consistent with existing zoning designations. The New York City Department of City Planning (NYC DCP) has assigned an E-designation (E-201) to the Site.

The E-designations for each lot that comprise the Site are presented in the following table:

Lot (Address)	Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water	Exhaust Stack Location Limitations	Underground Storage Tanks Testing Protocol	Window Wall Attenuation & Alternate Ventilation
Lot 28 (69 E. 125th St)	x	x	x	x
Lot 29 (71 E. 125th St)	x	x	x	x
Lot 30 (75 E. 125th St)	x	x	x	x
Lot 44 (58 E. 126th St)	x	x	x	x

In order to address the E-designation for hazardous materials (UST Testing Protocol), select areas of soil within the footprint of the proposed buildings will be excavated, removed, and disposed of at an offsite facility. An institutional/engineering control is planned to be put in place for any remaining soil that will not be excavated and removed from the Site. Historic fill material soil extends from the surface to approximately 13 to 14 feet bgs.

The remedial action contemplated under this RAWP may be implemented independently of the proposed redevelopment plan.

1.3 DESCRIPTION OF SURROUNDING PROPERTY

Site Lots 28, 29, and 30 are bordered by East 125th Street to the south, by multiple-story residential buildings to the north, multiple story commercial/retail properties to the east, and a church to the west. Site Lot 44 is bordered by East 126th Street to the north, a vacant building to the south, and multiple-story residential buildings to the east and west. Beyond the adjoining properties, the surrounding area is comprised primarily of multiple-story residential and commercial buildings with ground-level retail space. The surrounding neighborhood is generally characterized by multiple-story, mixed-use residential, commercial, and retail properties. The major thoroughfare, East 125th Street (also known as Martin Luther King Boulevard), is zoned for commercial usage and generally populated with commercial and retail properties. A former filling station, located at 1824 Park Avenue, is located within 300 feet of the Site and historically operated twelve 550-gallon, steel gasoline USTs and one 4,000-gallon steel gasoline UST through 1999.

The OER Searchable Property Environmental E-Database (SPEED) was utilized to research sensitive environmental receptors within a 500-foot radius of the Site. One public school, the Choir Academy of Harlem located at 2005 Madison Avenue, was identified approximately 500 feet north of the Site. No other sensitive receptors, including day care centers or hospitals, were identified within a 500-foot radius of the Site. Figure 3 shows the surrounding land usage.

1.4 REMEDIAL INVESTIGATION

A remedial investigation was performed and the results are documented in a companion document called "*Remedial Investigation Report, 69 East 125th Street*", dated March, 2015 (RIR).

The Site lot located at 69 East 125th Street (Lot 28) was estimated to have been constructed in 1921. The Site was formerly utilized as a Funeral Home, Rehabilitation Treatment Center, and residential building. A review of historical documents, Sanborn maps, aerial photographs, and bulk storage databases did not indicate that USTs were ever operated at the Site. However, a former filling station operated at 1824 Park Ave, which is located within 300 feet of the Site. Thirteen USTs historically operated at the former filling station through March 1999. An investigation was conducted to determine if the Site has been adversely impacted by the operations of historic onsite operations as well as the former filling station.

As part of the Phase I ESA, Sanborn maps, aerial photographs, City Directories, and environmental databases were reviewed. Sanborn maps and City Directories indicated that the Site was historically used as a funeral home, church, rehabilitation treatment center, residential housing, retail stores, etc. There are no records of dry cleaners, manufacturing, auto repair facilities, filling or service stations with USTs, etc. for the Site. There are no open or closed environmental investigations for the site.

Summary of the Work Performed under the Remedial Investigation

69 East 125 Street Owner, LLC performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);

2. Installed nine (9) soil borings across the entire project Site, and collected thirty-one (31) soil samples for chemical analysis from the soil borings to evaluate soil quality;

3. Installed two (2) temporary groundwater monitoring wells throughout the Site to establish groundwater flow and collected two (2) groundwater samples for chemical analysis to evaluate groundwater quality;

4. Installed five (5) soil vapor probes around Site perimeter and collected five (5) samples for chemical analysis.

Summary of Environmental Findings

1. The geotechnical investigation determined fill material extending to depths of approximately 9 to 14 feet bgs. The existing fill material consisted of medium to fine sand with varying amounts of silt and debris (brick, concrete, etc). Underlying the existing fill materials, medium dense to very dense sand with varying amounts of silt was encountered to depths of approximately 25 to 40 feet bgs. Underlying the sand, very soft to medium stiff silt was encountered to depths of approximately 86 to 90 feet bgs. Underlying the silt deposits, very dense sand with varying amounts of silt and weathered rock (gneiss, marble) was encountered to boring termination depths of 95 to 110 feet bgs. Groundwater conditions were encountered within the exploration borings at depths that ranged between approximately 13 and 17 feet bgs at the time of the investigation corresponding to elevations that ranged between approximately +/- Elev. +3 to +/- Elev. +6 feet.
2. Several PAHs and metals, including lead, mercury, nickel, and zinc, were detected above the SCOs within the soil samples collected from the fill material at depths to 11.5 feet bgs. Exceedences are summarized below:
   - PAHs, including benzo(a)anthracene [max of 3.7 milligrams per kilogram (mg/kg)], benzo(a)pyrene (max of 2.9 mg/kg), benzo(b)fluoranthene (max of 5.9 mg/kg), benzo(k)fluoranthene (max of 2.2 mg/kg), chrysene (max of 4.7 mg/kg), dibenzo(a,h)anthracene (max of 0.56 mg/kg), and/or indeno(1,2,3-c,d)pyrene (max of 2.1 mg/kg) were detected in soil samples collected from SB-4, SB-6, and SB-9;
   - Barium (max of 540 mg/kg), copper (max of 54 mg/kg), lead (max of 2,600 mg/kg), mercury (max of 4.9 mg/kg), nickel (max of 32 mg/kg), and zinc (max of 400

mg/kg) in soil samples collected from SB-1, SB-3, SB-4, SB-5, SB-6, SB-7, SB-8, and SB-9; and

- Lead (max of 220 mg/kg), mercury (max of 0.32 mg/kg), and nickel (max of 130 mg/kg) were detected in deeper samples (approximately 18.0 feet) collected from soil borings SB-1 and SB-3.

3. Data collected during the RI is sufficient to delineate the distribution of impacts in groundwater. Analytical results were compared to NYSDEC Division of Water Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS) and Guidance Values (GV) for Class GA (drinking water) groundwater. The results of the groundwater sample analyses are summarized as follows:
   - VOCs – VOCs were not detected above the AWQs;
   - SVOCs – SVOCs were not detected above the AWQs;
   - Metals – The following concentrations above the AWQS were reported:
     - Arsenic, barium, beryllium, cadmium, chromium, coper, magnesium, nickel, selenium, and thallium in the sample collected from SB-6 [25.68, 7,304, 27.62, 11.91, 213.3, 2,106, 40,600, 406.6, 48.8, and 3.14 micrograms per liter (ug/L)]; and
     - Iron (max of 204,00 ug/L), lead (max of 2,198 ug/L), manganese (max of 76,380 ug/L, and sodium (max of 45,800 ug/L) in both samples.
4. As there are no onsite sources for metal detections in groundwater, it is likely the concentrations are due to the presence of historic fill material and/or background contamination. No additional action is proposed regarding groundwater.
5. Sub-slab soil vapor samples, SV-1A, SV-2, SV-3, SV-4, and SV-5, collected during this investigation were compared to New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion Air Guideline Values, Table 3.1, and Soil Vapor Intrusion Decision Matrices. All sub-slab soil vapor samples showed numerous VOCs detected at generally low concentrations below the NYSDOH air guideline values (AGV). Trichloroethene and tetrachloroethene were detected above the NYSDOH AGV in sub-slab soil gas sample SV-1A, collected from the building at 75 East 125th Street. There are no onsite sources for these compounds; therefore, they are believed to be due to

background sources. A vapor barrier will be installed beneath the buildings and will be discussed in further detail in the RAWP.

For more detailed results, consult the RIR. Based on an evaluation of the data and information from the RIR and this RAWP, disposal of significant amounts of hazardous waste is not suspected at this site.

2.0 REMEDIAL ACTION OBJECTIVES

Based on the results of the RI, the following Remedial Action Objectives (RAOs) have been identified for this Site:

Groundwater

- Remove contaminant sources causing impact to groundwater.
- Prevent direct exposure to contaminated groundwater.
- Prevent exposure to contaminants volatilizing from contaminated groundwater.

Soil

- Prevent direct contact with contaminated soil.
- Prevent exposure to contaminants volatilizing from contaminated soil.
- Prevent migration of contaminants that would result in groundwater or surface water contamination.

Soil Vapor

- Prevent exposure to contaminants in soil vapor.
- Prevent migration of soil vapor into dwelling and other occupied structures.

3.0 REMEDIAL ALTERNATIVES ANALYSIS

The remedy selection process is completed in order to select a remedy that is protective of human health and the environment taking into consideration the current, intended and reasonably anticipated future use of the property. The remedy selection process begins by establishing Remedial Action Objectives (RAOs) for media in which chemical constituents were found to xceed applicable standards, criteria and guidance values (SCGs). A remedy is then developed based on the following ten criteria:

1. Protection of human health and the environment;

2. Compliance with SCGs;

3. Short-term effectiveness and impacts;

4. Long-term effectiveness and permanence;

5. Reduction of toxicity, mobility, or volume of contaminated material;

6. Implementability;

7. Cost effectiveness;

8. Community Acceptance;

9. Land use; and,

10. Sustainability of the remedial action.

The following is a detailed description of the alternatives analysis and remedy selection to address impacted media at the site. As required, a minimum of two remedial alternatives (including a Track 1 scenario) are evaluated. Two (2) remedial action alternatives are considered in this alternatives analysis. Alternative 1 is a Track 1 alternative that involves removal of all soil impacted above Track 1 Unrestricted Use SCOs from below the entire Site. Alternative 2 removes all impacted soil above Track 1 (where possible) and Track 4 Site Specific SCOs and implements the use of institutional and engineering controls.

Alternative 1 involves:

- Selection of 6NYCRR Part 375 Section 6.8(a) Unrestricted Use (Track 1) Soil Cleanup Objectives (SCOs);
- Removal of all soil and fill exceeding Unrestricted Use SCOs from the proposed redevelopment site to an approximate depth of 13 feet bgs;
- No Engineering or Institutional Controls are required for a Track 1 cleanup, but a vapor barrier/waterproofing system would be installed beneath the cellar foundation slab and on the exterior of the foundation walls as part of construction to prevent any potential future exposures from off-site soil vapor; and,
- The achievement of Track 1 SCOs for post-excavation soil sampling will result in the permanent removal of the E-Designation from the Site by the NYC DOB.

Alternative 2 involves:

- Establishment of Site-Specific (Track 4) SCOs;
- Removal of soil and fill exceeding the Track 1 SCOs from the proposed building footprint;
- Construction of a concrete cellar slab and associated foundation elements under the building footprint and placement of a demarcation layer and a two-foot thick clean fill cap over the proposed landscaped area to eliminate exposure to remaining soil and fill;
- Installation of a vapor barrier beneath the cellar foundation slab and on the exterior of the foundation walls as part of construction to prevent any potential future exposures from off-site soil vapor;
- Establishment of use restrictions including prohibitions on the use of groundwater from the site and prohibitions on sensitive site uses, such as farming or vegetable gardening, to eliminate future exposure pathways; and,
- Establishment of an approved SMP to ensure long-term management of these engineering and institutional controls, including the performance of periodic inspections and certification that the controls are performing as they were intended.

3.1 THRESHOLD CRITERIA

Protection of Public Health and the Environment

This criterion is an evaluation of the remedy's ability to protect public health and the environment, and an assessment of how risks posed through each existing or potential pathway of exposure are eliminated, reduced or controlled through removal, treatment, and implementation of Engineering Controls or Institutional Controls. Protection of public health and the environment must be achieved for all approved remedial actions.

Alternative 1 would be protective of human health and the environment by removing all soil/fill that exceeds Track 1 Unrestricted Use SCOs and groundwater protection standards, thus eliminating potential for direct contact with contaminated soil/fill once construction is complete and eliminating risk of contamination leaching into the bedrock groundwater aquifer.

Alternative 2 would achieve comparable protections of human health and the environment by removing soil/fill with contaminant concentrations above Track 4 SCOs and by ensuring that remaining soil/fill on-Site meets Restricted Residential SCOs, as well as by placement of Institutional and Engineering controls, including a composite cover system and vapor barrier. The composite cover system consisting of concrete cap beneath the building would prevent direct contact with any remaining on-site soil/fill in the Track 4 landscaped area. Implementing Institutional Controls including continued designation of property would ensure that the clean fill cap remains intact and protective. Establishment of Track 4 Site- Specific SCOs would minimize the risk of contamination leaching into the bedrock groundwater aquifer.

For both Alternatives, potential exposure to contaminated soils or groundwater (if encountered) during construction would be minimized by implementing a Construction Health and Safety Plan, an approved Soil/Materials Management Plan and Community Air Monitoring Plan (CAMP). Potential contact with contaminated groundwater, although not anticipated to be encountered, would be prevented as its use is prohibited by city laws and regulations. Potential future migration of off-site soil vapors into the new building would be prevented by installing a vapor barrier on all sub-grade foundation elements.

3.2. BALANCING CRITERIA

Compliance with Standards, Criteria and Guidance (SCGs)

This evaluation criterion assesses the ability of the alternative to achieve applicable standards, criteria and guidance.

Alternative 1 would achieve compliance with the remedial goals, chemical-specific SCGs and RAOs for soil through removal of soil from the entire site to achieve Track 1 Unrestricted Use SCOs and Groundwater Protection Standards. Compliance with SCGs for soil vapor would also be achieved by installing a vapor barrier/waterproofing installing a vapor barrier on all sub-grade foundation elements as part of development.

Alternative 2 would achieve compliance with the remedial goals, chemical-specific SCGs and RAOs for soil through removal of soil to Site Specific Track 4 SCOs below the building footprint. Compliance with SCGs for soil vapor would also be achieved by installing a vapor barrier on all sub-grade foundation elements. A Site Management Plan would ensure that these controls remained protective for the long term.

Health and safety measures contained in the CHASP and Community Air Monitoring Plan (CAMP) that comply with the applicable SCGs shall be implemented during Site redevelopment under this RAWP. These measures will protect onsite workers and the surrounding community from exposure to Site-related contaminants.

Short-term effectiveness and impacts

This evaluation criterion assesses the effects of the alternative during the construction and implementation phase until remedial action objectives are met. Under this criterion, alternatives are evaluated with respect to their effects on public health and the environment during implementation of the remedial action, including protection of the community, environmental impacts, time until remedial response objectives are achieved, and protection of workers during remedial actions.

Both remedial alternatives have similar short term effectiveness as they both require the excavation of historic fill material and soil. Both alternatives would result in similar short-term generation of dust associated with the excavation of the soil, loading of trucks for disposal, and trucks entering and exiting the Site. Measures will be employed to prevent short term impacts, including a Community Air Monitoring Plan (CAMP) and Soil Management Plan (SMP) during all onsite soil excavation activities to prevent the release of contaminants into the environment. Both alternatives provide short term effectiveness in protecting the surrounding area from onsite contaminants. Onsite workers will be protected by PPE and implementation of the HASP.

Dust would be controlled by the application of water spray when needed. Both alternatives utilize appropriate measures to prevent short-term impacts, including a CHASP, a CAMP, and a SMM to be implemented during soil excavation and removal activities to minimize the release of contaminants into the environment. Both alternatives provide short-term effectiveness in protecting the surrounding community by decreasing the risk of contact with on-Site contaminants. Construction workers will be following the CHASP and will be protected from on-Site contaminants by use of proper PPE.

Long-term effectiveness and permanence

This evaluation criterion addresses the results of a remedial action in terms of its permanence and quantity/nature of waste or residual contamination remaining at the Site after response objectives have been met, such as permanence of the remedial alternative, magnitude of remaining contamination, adequacy of controls including the adequacy and suitability of ECs/ICs that may be used to manage contaminant residuals that remain at the Site and assessment of containment systems and ICs that are designed to eliminate exposures to contaminants, and long-term reliability of Engineering Controls.

Alternative 1 would achieve long-term effectiveness and permanence by permanently removing all impacted soils and enabling unrestricted usage of the property. Alternative 1 would result in removal of soil contamination exceeding the SCOs providing the highest level, most effective and permanent remedy over the long-term with respect to a remedy for contaminated

soil, which will eliminate any migration to groundwater. Potential sources of soil vapor and groundwater contamination will also be eliminated.

Alternative 2 would also achieve long-term effectiveness by removing contaminants above the Track 1 and Track 4 SCOs, constructing a concrete slab beneath the building, establishing institutional controls, and establishing an SMP to ensure long-term management of ICs and ECs. Establishment of an SMP for the building area, if Track 1 cleanup is not achieved, will ensure that this protection remains effective for the long-term. The SMP will ensure long-term effectiveness by requiring periodic inspection and certification that these controls and use restrictions continue to be in place and are functioning as they were intended assuring that protections designed into the remedy would provide continued high level of protection in perpetuity.

Potential exposure by soil vapor VOC intrusion would be prevented by the installation of a vapor barrier on all subgrade foundation elements. Therefore, the long-term effectiveness of both remedies will eliminate risks and satisfy the objectives of this criterion.

Reduction of toxicity, mobility, or volume of contaminated material

This evaluation criterion assesses the remedial alternative's use of remedial technologies that permanently and significantly reduce toxicity, mobility, or volume of contaminants as their principal element. The following is the hierarchy of source removal and control measures that are to be used to remediate a Site, ranked from most preferable to least preferable: removal and/or treatment, containment, elimination of exposure and treatment of source at the point of exposure. It is preferred to use treatment or removal to eliminate contaminants at a Site, reduce the total mass of toxic contaminants, cause irreversible reduction in contaminants mobility, or reduce of total volume of contaminated media.

Both alternatives provide the maximum reduction of toxicity, mobility, or volume of contaminated material through the removal of all historic fill and soil within the building footprint that exceed Track 1 Unrestricted Use SCOs. The toxicity and mobility of VOC-impacted soil vapor will be addressed by the installation of the vapor barrier on all subgrade foundation elements which will mitigate potential for accumulation of vapors within the structure and prevent exposure to the public.

Implementability

This evaluation criterion addresses the technical and administrative feasibility of implementing an alternative and the availability of various services and materials required during its implementation, including technical feasibility of construction and operation, reliability of the selected technology, ease of undertaking remedial action, monitoring considerations, administrative feasibility (e.g. obtaining permits for remedial activities), and availability of services and materials.

Both alternatives utilize standard methods that are commonly available and routinely applied by the industry. They use standard materials and services that are well established technology. The reliability of the remedy is also high.

The planned excavation is expected to result in the removal of the soil/fill material detected above the SCOs within the building footprint. Institutional and engineering controls will be implemented, including caps and a SMP, to address residual soil impact above the SCOs.

Cost effectiveness

This evaluation criterion addresses the cost of alternatives, including capital costs (such as construction costs, equipment costs, and disposal costs, engineering expenses) and site management costs (costs incurred after remedial construction is complete) necessary to ensure the continued effectiveness of a remedial action.

Historic fill was found during the RI to extend to a depth of up to 13 feet bgs. Concentrations above the Track 1 SCOs were detected in soil samples collected from approximately 11 to 15 feet bgs. Soil within the building footprint will be removed and disposed of.

Since the new development requires excavation of the building footprint to the same depth, the costs associated with both Alternative 1 and Alternative 2 will likely be comparable. The long-term costs are higher for Alternative 2 than Alternative 1 based on implementation of a Site Management Plan as part of Alternative 2.

In both cases, appropriate public health and environmental protections are achieved. The remedial plan creates an approach that combines the remedial action with the redevelopment of

the Site, including the construction of the building foundation and subgrade structures. The remedial plan is also cost effective in that it will take into consideration the selection of the closest and most appropriate disposal facilities to reduce transportation and disposal costs during the excavation of historic fill and other soils during the redevelopment of the Site.

Community Acceptance

This evaluation criterion addresses community opinion and support for the remedial action. Observations here will be supplemented by public comment received on the RAWP.

Based on the overall goals of the remedial program and initial observations by the project team, both of the alternatives are expected to be acceptable to the community. This RAWP will be subject to a public review under the NYC VCP and will provide the opportunity for detailed public input on the remedial alternatives and the selected remedial action. This public comment related to site remediation will be considered by OER prior to approval of this plan.

Land use

This evaluation criterion addresses the proposed use of the property. This evaluation has considered reasonably anticipated future uses of the Site and takes into account: current use and historical and/or recent development patterns; applicable zoning laws and maps; NYS Department of State's Brownfield Opportunity Areas (BOA) pursuant to section 970-r of the general municipal law; applicable land use plans; proximity to real property currently used for residential use, and to commercial, industrial, agricultural, and/or recreational areas; environmental justice impacts, Federal or State land use designations; population growth patterns and projections; accessibility to existing infrastructure; proximity of the site to important cultural resources and natural resources, potential vulnerability of groundwater to contamination that might emanate from the site, proximity to flood plains, geography and geology; and current Institutional Controls applicable to the site.

Both alternatives provide protection of public health and the environment for the proposed use of the Site. The proposed use is consistent with the existing use and the zoning designation for the Site and surrounding area. Commercial, residential, and mixed-use properties currently surround the Site. Both alternatives are beneficial to the surrounding community and are

consistent with the City's goals for remediation and development of such land for productive use.

Sustainability of the Remedial Action

This criterion evaluates the overall sustainability of the remedial action alternatives and the degree to which sustainable means are employed to implement the remedial action including those that take into consideration NYC's sustainability goals defined in *PlaNYC: A Greener, Greater New York*. Sustainability goals may include: maximizing the recycling and reuse of non-virgin materials; reducing the consumption of virgin and non-renewable resources; minimizing energy consumption and greenhouse gas emissions; improving energy efficiency; and promotion of the use of native vegetation and enhancing biodiversity during landscaping associated with Site development.

Both remedial alternatives are comparable with respect to the opportunity to achieve sustainable remedial action.

4.0 REMEDIAL ACTION

4.1 SUMMARY OF PREFERRED REMEDIAL ACTION

The preferred remedial action alternative is Alternative 2, the Track 4 Alternative. The preferred remedial action alternative achieves protection of public health and the environment for the intended use of the property. The preferred remedial action alternative will achieve all of the remedial action objectives established for the project and addresses applicable SCGs. The preferred remedial action alternative is effective in both the short-term and long-term and reduces mobility, toxicity and volume of contaminants. The preferred remedial action alternative is cost effective and implementable and uses standards methods that are well established in the industry.

The preferred remedial action alternative is Alternative 2. Soil and fill material within the building footprint will be removed through excavation and disposed of, however, there may be areas of remaining soil that will require the implementation of institutional and engineering controls including a deed restriction and capping.

The preferred remedial action alternative will achieve all of the remedial action objectives established for the project and addresses applicable SCGs. The preferred remedial action alternative is effective in both the short-term and long-term and reduces mobility, toxicity, and volume of contaminants. The preferred remedial action alternative is cost effective and implementable and uses standards methods that are well established in the industry.

The proposed remedial action will consist of:

17. Preparation of a Community Protection Statement and implementation of a Citizen Participation Plan.

18. Perform a Community Air Monitoring Program for particulates and volatile organic carbon compounds.

19. Establish Track 1 and Track 4 Soil Cleanup Objectives (SCOs). Excavation and removal of soil/fill exceeding SCOs.

20. Construction and maintenance of an engineered composite cover consisting of concrete or asphalt pavement, a minimum 5-inch thick building slab, and a minimum two foot clean fill cap on top of the landscaped area to prevent human exposure to residual soil/fill remaining under the Site;

21. Installation of a vapor barrier system beneath the building slab and outside foundation sidewalls below grade.

22. Collection and analysis of end-point samples to determine the performance of the remedy with respect to attainment of SCOs.

23. Demarcation of residual soil/fill.

24. Import of materials to be used for backfill and cover in compliance with this plan and in accordance with applicable laws and regulations.

25. Transportation and off-Site disposal of all soil/fill material at permitted facilities in accordance with applicable laws and regulations for handling, transport, and disposal, and this plan. Sampling and analysis of excavated media as required by disposal facilities. Appropriate segregation of excavated media onsite.

26. Screening of excavated soil/fill during intrusive work for indications of contamination by visual means, odor, and monitoring with a PID.

27. Site mobilization involving Site security setup, equipment mobilization, utility mark outs and marking & staking excavation areas.

28. Implementation of storm-water pollution prevention measures in compliance with applicable laws and regulations.

29. Performance of all activities required for the remedial action, including permitting requirements and pretreatment requirements, in compliance with applicable laws and regulations.

30. Submission of a RAR that describes the remedial activities certifies that the remedial requirements have been achieved, defines the Site boundaries, lists any changes from

this RAWP, and describes all Engineering and Institutional Controls to be implemented at the Site.

31. Submission of an approved Site Management Plan (SMP) in the RAR for long-term management of residual contamination, including plans for operation, maintenance, monitoring, inspection and certification of Engineering and Institutional Controls and reporting at a specified frequency.

    If Track 1 SCOs are not achieved, submission of an approved Site Management Plan (SMP) in the RAR for long-term management of residual contamination, including plans for operation, maintenance, monitoring, inspection and certification of Engineering and Institutional Controls and reporting at a specified frequency.

32. Recording of a Declaration of Covenants and Restrictions that includes a listing of Engineering Controls and Institutional Controls and a requirement that management of these controls must be in compliance with an approved SMP. Institutional Controls will include prohibition of the following: (1) vegetable gardening and farming; (2) use of groundwater without treatment rendering it safe for the intended use; (3) disturbance of residual contaminated material unless it is conducted in accordance with the SMP; and (4) higher level of land usage without OER-approval.

    If Track 1 SCOs are not achieved, Recording of a Declaration of Covenants and Restrictions that includes a listing of Engineering Controls and Institutional Controls and a requirement that management of these controls must be in compliance with an approved SMP. Institutional Controls will include prohibition of the following: (1) vegetable gardening and farming; (2) use of groundwater without treatment rendering it safe for the intended use; (3) disturbance of residual contaminated material unless it is conducted in accordance with the SMP; and (4) higher level of land usage without OER-approval.

    The property will continue to be registered with an E-Designation by the NYC Buildings Department. Establishment of Engineering Controls and Institutional Controls in this RAWP and a requirement that management of these controls must be in compliance with an approved SMP. Institutional Controls will include prohibition of the following: (1)

vegetable gardening and farming; (2) use of groundwater without treatment rendering it safe for the intended use; (3) disturbance of residual contaminated material unless it is conducted in accordance with the SMP; and (4) higher level of land usage without OER-approval.

4.2 SOIL CLEANUP OBJECTIVES AND SOIL/FILL MANAGEMENT

Track 1 and 4 Soil Cleanup Objectives (SCOs) are proposed for this project. The SCOs for this Site are listed in Table 1. Soil and materials management on-Site and off-Site, including excavation, handling and disposal, will be conducted in accordance with the Soil/Materials Management Plan in Appendix 3. Discrete contaminant sources (such as hotspots) identified during the remedial action will be identified by GPS or surveyed. This information will be provided in the Remedial Action Report.

A combination of Track 1 and Track 4 SCOs are proposed for this project. If Track 1 Unrestricted Use SCOs are not achieved, the 6 NYCRR Part 375, Table 6.8(b) Track 2 Restricted Residential SCOs will be used as amended by the following Site-Specific Track 4 SCOs:

Contaminant	Track 4 SCOs
Lead	1,000 mg/kg
Mercury	2.5 mg/kg

Estimated Soil/Fill Removal Quantities

The total quantity of soil/fill expected to be excavated and disposed off-Site is approximately 4,700 cubic yards.

The proposed disposal locations for Site-derived impacted materials are listed below. Additional disposal locations established at a later date will be reported promptly to the OER Project Manager.

Disposal facilities will be reported to OER when they are identified and prior to the start of remedial action.

Once this information is complete, the final excavation plan will be determined including approximate dimensions of the excavation, depths, tons of soil to be removed, and number of soil samples to be collected.

End-Point Sampling

Removal actions for development purposes under this plan will be performed in conjunction with confirmation soil sampling. Approximately 34 confirmation samples will be collected from the base of the excavation at locations to be determined by OER. For comparison to Track 1 SCOs, analytes will include VOCs, SVOC, pesticides, PCBs and metals according to analytical methods described below. For comparison to Track 4 SCOs, analytes will only include trigger compounds and elements established on the Track 4 SCO list.

Hot-spot removal actions, whether established under this RAWP or identified during the remedial program, will be performed in conjunction with post remedial end-point samples to ensure that hot-spots are fully removed. Analytes for end-point sampling will be those parameters that are driving the hot-spot removal action and will be approved by OER. Frequency for hot-spot end-point sample collection is as follows:

1. For excavations less than 20 feet in total perimeter, at least one bottom sample and one sidewall sample biased in the direction of surface runoff.

2. For excavations 20 to 300 feet in perimeter:

    - For surface removals, one sample from the top of each sidewall for every 30 linear feet of sidewall and one sample from the excavation bottom for every 900 square feet of bottom area.
    - For subsurface removals, one sample from each sidewall for every 30 linear feet of sidewall and one sample from the excavation bottom for every 900 square feet of bottom area.

3. For sampling of volatile organics, bottom samples should be taken within 24 hours of excavation, and should be taken from the zero to six-inch interval at the excavation floor. Samples taken after 24 hours should be taken at six to twelve inches.

4. For contaminated soil removal, post remediation soil samples for laboratory analysis should be taken immediately after contaminated soil removal. If the excavation is enlarged horizontally, additional soil samples will be taken pursuant to bullets 1-3 above.

Post-remediation end-point sample locations and depth will be biased towards the areas and depths of highest contamination identified during previous sampling episodes unless field indicators such as field instrument measurements or visual contamination identified during the remedial action indicate that other locations and depths may be more heavily contaminated. In all cases, post-remediation samples should be biased toward locations and depths of the highest expected contamination.

New York State ELAP certified labs will be used for all confirmation and end-point sample analyses. Labs performing confirmation and end-point sample analyses will be reported in the RAR. The RAR will provide a tabular and map summary of all confirmation and end-point sample results and will include all data including non-detects and applicable standards and/or guidance values. End-point samples will be Confirmation samples will be analyzed for compounds and elements as described above utilizing the following methodology:

Soil analytical methods will include:

- Volatile organic compounds by EPA Method 8260;
- Semi-volatile organic compounds by EPA Method 8270;
- Target Analyte List metals; and
- Pesticides/PCBs by EPA Method 8081/8082.

If either LNAPL and/or DNAPL are detected, appropriate samples will be collected for characterization and “finger print analysis” and required regulatory reporting (i.e. spills hotline) will be performed.

Quality Assurance/Quality Control

QA/QC sampling will consist of collecting field duplicates and field blanks. PSG will perform a completeness check of the analytical data packages and review QA/QC observations and deficiencies.

Collected samples will be appropriately packaged, placed in coolers and shipped via overnight courier or delivered directly to the analytical laboratory by field personnel. Samples will be containerized in appropriate laboratory provided glassware and shipped in plastic coolers. Samples will be preserved through the use of ice to maintain a temperature of 4 degrees Celsius.

Dedicated disposable sampling materials will be used for the collection endpoint samples, eliminating the need to prepare field equipment (rinsate) blanks. However, if non-disposable equipment is used, (stainless steel scoop, etc.) field rinsate blanks will be prepared at the rate of 1 for every eight samples collected. Decontamination of non-dedicated sampling equipment will consist of the following:

- Gently tap or scrape to remove adhered soil
- Rinse with tap water
- Wash with Alconox® detergent solution and scrub
- Rinse with tap water
- Rinse with distilled or de-ionized water

Prepare field blanks by pouring distilled or de-ionized water over decontaminated equipment and collecting the water in laboratory provided containers. Trip blanks will be used whenever samples are transported to the laboratory for analysis of VOCs. Trip blanks will not be used for samples to be analyzed for metals, SVOCs or pesticides. One blind duplicate sample will be prepared and submitted for analysis for every 20 samples of each matrix.

Import and Reuse of Soils

Import of soils onto the property and reuse of soils already onsite will be performed in conformance with the Soil/Materials Management Plan in Appendix 3. The estimated quantity of soil to be imported into the Site for backfill and cover soil will be determined as the excavation commences. The details will be included in the Remedial Action Report. . .

4.3 ENGINEERING CONTROLS

Engineering Controls were employed in the remedial action to address residual contamination remaining at the site. The Site has two primary Engineering Control Systems. These are:

- composite cover system consisting of asphalt covered areas, concrete covered sidewalks, and concrete building slabs;
- soil vapor barrier; and
- a minimum two foot thick clean fill cap in landscaped area.

Composite Cover System

As part of new development, the footprint of the proposed building will be covered by an engineered permanent cover system. This cover system will be comprised of a minimum 5-inch thick basement slab beneath the area of the proposed building.

If Track 1 SCOs are not achieved for this portion of the site, the composite cover system will be a permanent engineering control. The system will be inspected and reported at specified intervals as required by this RAWP and the SMP. A Soil Management Plan will be included in the SMP and will outline the procedures to be followed in the event that the composite cover system and underlying residual soil/fill is disturbed after the remedial action is complete. Maintenance of this composite cover system (if required) will be described in the SMP in the RAR.

Exposure to residual soil/fill in the landscaped area will be prevented by a Composite Cover System that will be built on the Site. This Composite Cover System will be comprised of a minimum two-foot thick clean fill cap imported from an approved facility/source in the proposed landscaped areas and either concrete or asphalt paved walkways.

The cover system is a permanent engineering control for the Site. The system will be inspected and reported at specified intervals as required by this RAWP and the SMP. A Soil Management Plan will be included in the Site Management Plan and will outline the procedures to be followed in the event that the cover system and underlying residual soil/fill is disturbed

after the remedial action is complete. Maintenance of this cover system will be described in the Site Management Plan in the RAR.

Vapor Barrier

As part of construction and in order to prevent potential migration of organic vapors through the building slab, a certified vapor barrier system with a minimum thickness of 20-mil will be installed. A Florprufe 120 0.50 millimeter vapor barrier will be installed beneath the building foundation and on the outside of the foundation walls.

The project's Professional Engineer licensed by the State of New York will have primary direct responsibility for overseeing the implementation of the vapor barrier. Installation details (engineering cross-sections drawings showing location under the building slab, penetrations, joints, etc.) with respect to the proposed building foundation, footings, slab, and sidewalls are provided in Appendix A. Product specification sheets are provided in Appendix E. The Remedial Action Report will include photographs (maximum of two photos per page) of the installation process, PE/RA certified letter (on company letterhead) from primary contractor responsible for installation oversight and field inspections, and a copy of the manufacturers certificate of warranty.

If Track 1 Unrestricted Use SCOs are not achieved at the Site, the vapor barrier system (as part of the composite cover system) will be a permanent engineering control. The composite cover system will be inspected and reported at specified intervals as required by this RAWP and the SMP. A Soil Management Plan will be included in the SMP and will outline the procedures to be followed in the event that the composite cover system and underlying residual soil/fill is disturbed after the remedial action is complete. Maintenance of this composite cover system will be described in the SMP in the RAR.

4.4 INSTITUTIONAL CONTROLS

Institutional Controls (IC) have been incorporated in this remedial action to manage residual soil/fill and other media and render the Site protective of public health and the environment. Institutional Controls are listed below. Long-term employment of EC/ICs will be established in a Declaration of Covenant and Restrictions (DCR) assigned to the property by the title holder

and will be implemented under a site-specific Site Management Plan (SMP) that will be included in the RAR.

Institutional Controls (IC) have been incorporated in this remedial action to manage residual soil/fill and other media and render the Site protective of public health and the environment. Institutional Controls are listed below. Long-term employment of EC/ICs will be implemented under a site-specific Site Management Plan (SMP) that will be included in the RAR. The property will continue to be registered with an E-Designation by the NYC Buildings Department.

Institutional Controls for this remedial action are:

- The property will continue to be registered with an E-Designation by the NYC Buildings Department. This RAWP includes a description of all ECs and ICs and summarizes the requirements of the Site Management Plan which will note that the property owner and property owner's successors and assigns must comply with the approved SMP;
- Submittal of a Site Management Plan in the RAR for approval by OER that provides procedures for appropriate operation, maintenance, monitoring, inspection, reporting and certification of ECs. SMP will require that the property owner and property owner's successors and assigns will submit to OER a periodic written statement that certifies that: (1) controls employed at the Site are unchanged from the previous certification or that any changes to the controls were approved by OER; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. OER retains the right to enter the Site in order to evaluate the continued maintenance of any controls. This certification shall be submitted at a frequency to be determine by OER in the SMP and will comply with RCNY §43-1407(l)(3).
- Vegetable gardens and farming on the Site are prohibited in contact with residual soil materials;
- Use of groundwater underlying the Site is prohibited without treatment rendering it safe for its intended use;

- All future activities on the Site that will disturb residual material must be conducted pursuant to the soil management provisions in an approved SMP;
- The Site will be used for residential and commercial use and will not be used for a higher level of use without prior approval by OER.

4.5 SITE MANAGEMENT PLAN

Site Management is the last phase of remediation and begins with the approval of the Remedial Action Report and issuance of the Notice of Completion (NOC) for the Remedial Action. The Site Management Plan (SMP) describes appropriate methods and procedures to ensure implementation of all ECs and ICs that are required by the DCR and this RAWP. The Site Management Plan is submitted as part of the RAR but will be written in a manner that allows its use as an independent document. Site Management continues until terminated in writing by OER. The property owner is responsible to ensure that all Site Management responsibilities defined in the DCR and the Site Management Plan are implemented.

Site Management is not required for Track 1 remedial actions. However, if Track 1 SCOs are not achieved, Site Management will be the last phase of remediation and begins with the approval of the Remedial Action Report and issuance of the Notice of Completion (NOC) for the Remedial Action. The Site Management Plan (SMP) describes appropriate methods and procedures to ensure implementation of all ECs and ICs that are required by the DCR and this RAWP. The Site Management Plan is submitted as part of the RAR but will be written in a manner that allows its use as an independent document. Site Management continues until terminated in writing by OER. The property owner is responsible to ensure that all Site Management responsibilities defined in the DCR and the Site Management Plan are implemented.

The SMP will provide a detailed description of the procedures required to manage residual soil/fill left in place following completion of the remedial action in accordance with the Brownfield Cleanup Agreement with OER. This includes a plan for: (1) implementation of EC's and ICs; (2) implementation of monitoring programs; (3) operation and maintenance of EC's; (4) inspection and certification of EC's; and (5) reporting.

Site management activities, reporting, and EC/IC certification will be scheduled by OER on a periodic basis to be established in the SMP and will be subject to review and modification by OER. The Site Management Plan will be based on a calendar year and certification reports will be due for submission to OER by March 31 of the year following the reporting period.

4.6 QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT

The objective of the qualitative exposure assessment is to identify potential receptors and pathways for human exposure to the contaminants of concern (COC) that are present at, or migrating from, the Site. The identification of exposure pathways describes the route that the COC takes to travel from the source to the receptor. An identified pathway indicates that the potential for exposure exists; it does not imply that exposures actually occur.

Investigations reported in the Remedial Investigation Report (RIR) are sufficient to complete a Qualitative Human Health Exposure Assessment (QHHEA). As part of the VCP process, a QHHEA was performed to determine whether the Site poses an existing or future health hazard to the Site's exposed or potentially exposed population. The sampling data from the RI were evaluated to determine whether there is any health risk by characterizing the exposure setting, identifying exposure pathways, and evaluating contaminant fate and transport. This QHHEA was prepared in accordance with Appendix 3B and Section 3.3 (b) 8 of the NYSDEC Draft DER-10 Technical Guidance for Site Investigation and Remediation.

Known and Potential Sources

Historic fill is a known source of SVOCs and metals on-Site. SVOCs and metals were detected above the NYSDEC Unrestricted Use SCOs at depths to 14 feet, where historic fill material was identified during the RI. In addition, metals were detected in groundwater at elevated concentrations. The RI detected compounds identified in the NYS DOH *Final Guidance on Soil Vapor Intrusion, October 2006* decision matrices including tetrachloroethene (PCE) and trichloroethene (TCE).

Nature, Extent, Fate and Transport of Contaminants

Concentrations of SVOCs and metals exceeding the Track 1 SCOs are present within historic fill at the site. These contaminants are a constituent of the historic fill material that was used to

fill the land for development purposes and is present to a depth of approximately 13 feet bgs. Based on the findings of the RI and current Site conditions, these contaminants are not mobile or migrating within or from the site. Soil in excess of Track 1 SCOs within the proposed building footprint will be removed from the Site. Soils remaining in place will be covered by cap systems.

Concentrations of VOCs identified in the NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006 decision matrices including tetrachloroethene (PCE) and trichloroethene (TCE) at levels for which monitoring is required are present in the subsurface. It is not expected that soil vapors would accumulate underneath the proposed building foundation at concentrations that would warrant any remedial action; however, as part of the site development the installation of a vapor barrier/waterproofing layer will be completed which will act as a vertical and horizontal barrier to soil vapor migration into the building.

Potential Routes of Exposure

The five elements of an exposure pathway are: (1) a contaminant source; (2) contaminant release and transport mechanisms; (3) a point of exposure; (4) a route of exposure; and (5) a receptor population. An exposure pathway is considered complete when all five elements of an exposure pathway are documented. A potential exposure pathway exists when any one or more of the five elements comprising an exposure pathway cannot be documented. An exposure pathway may be eliminated from further evaluation when any one of the five elements comprising an exposure pathway has not existed in the past, does not exist in the present, and will never exist in the future. Three potential primary routes exist by which chemicals can enter the body:

- Ingestion of water, fill, or soil;
- Inhalation of vapors and particulates; and
- Dermal contact with water, fill, soil, or building materials.

These potential exposures will be mitigated during construction by preventing access to the Site and through implementation of storm water pollution prevention and dust controls, CAMP, and HASP.

Existence of Human Health Exposure

Current Conditions:

Potential points of contact for two of the lots within the Site are capped by the existing concrete building slabs; therefore, potential contact with soil and historic fill material is limited. Groundwater is not used at the Site. Potential exposure pathways include ingestion and dermal contact with soil/fill. The structures that are present onsite are vacant and are boarded so no access to entry can be gained. Access to the two vacant lots located within the Site is currently controlled by the use of construction security fences.

Construction/Remediation Activities:

The potential exposure pathways to onsite contamination are by ingestion, dermal, or inhalation exposure by onsite workers during the remedial action and offsite due to emission of fugitive dust. During the remedial action, onsite and offsite exposure pathways will be minimized by preventing access to the site, through implementation of soil/materials management, dust controls, PPE (as needed), and a HASP.

Proposed Future Conditions:

Once the remedial actions and redevelopment of the Site have been completed, there will be no potential onsite or offsite exposure pathways. All remaining soil will meet Track 1 Unrestricted Use SCOs, groundwater will not be exposed or used, and any exposures to vapors from offsite sources will be prevented by installation of a vapor barrier and building slab. The site is served by a public water supply.

Receptor Populations

Onsite Receptors:

During construction, onsite receptors will include construction workers, temporary workers (utility companies, inspectors, subcontractors), and visitors. After construction, onsite receptors will include child and adult residents.

The receptors identified under the proposed remedy and future uses for the Site includes:

- Adult and child occupants of the building.
- Adult and child patrons of commercial properties.
- Site workers
- Temporary workers: adult (utility worker/inspector, landscape worker, construction workers).

Offsite Receptors:

Potential offsite receptors within a 0.25-mile radius of the Site include: adult and child residents, commercial and construction workers, pedestrians, trespassers, and cyclists.

Overall Human Health Exposure Assessment

Complete onsite exposure pathways appear to be present only during the current un-remediated phase and the construction and remediation phase. Under current conditions, onsite exposure pathways are limited by preventing access to the site and limiting site activity.

During the remedial action, onsite exposure pathways will be limited by preventing access to the site, through implementation of soil/materials management and dust controls, community air monitoring, storm-water management controls and health and safety implementation. After the remedial action is complete, there will be no remaining exposure pathways. The removal of soil within the entire footprint of the Site and, as part of development, installation of a vapor barrier will remove any remaining exposure pathways.

5.0 REMEDIAL ACTION MANAGEMENT

5.1 PROJECT ORGANIZATION AND OVERSIGHT

Principal personnel who will participate in the remedial action include Alexandra Hassler, the PSG project hydrogeologist, and Carrie Berry, the PSG senior project manager. . The Professional Engineer (PE) and Qualified Environmental Professionals (QEP) for this project are:

- Ralph J. Orlando – Professional Engineer
- David Umbach – Qualified Environmental Professional

5.2 SITE SECURITY

Site access will be controlled by through gated entrances to the fenced property.

5.3 WORK HOURS

The hours for operation of remedial construction will be from 7:00 AM to 5:00 PM. These hours conform to the New York City Department of Buildings construction code requirements.

5.4 CONSTRUCTION HEALTH AND SAFETY PLAN

The Health and Safety Plan is included in Appendix 4. The Site Safety Coordinator will be Alexander Hassler. Remedial work performed under this RAWP will be in full compliance with applicable health and safety laws and regulations, including Site and OSHA worker safety requirements and HAZWOPER requirements. Confined space entry, if any, will comply with OSHA requirements and industry standards and will address potential risks. The parties performing the remedial construction work will ensure that performance of work is in compliance with the HASP and applicable laws and regulations. The HASP pertains to remedial and invasive work performed at the Site until the issuance of the Notice of Completion.

All field personnel involved in remedial activities will participate in training required under 29 CFR 1910.120, including 40-hour hazardous waste operator training and annual 8-hour refresher training. Site Safety Officer will be responsible for maintaining workers training records.

Personnel entering any exclusion zone will be trained in the provisions of the HASP and be required to sign an HASP acknowledgment. Site-specific training will be provided to field personnel. Additional safety training may be added depending on the tasks performed. Emergency telephone numbers will be posted at the site location before any remedial work begins. A safety meeting will be conducted before each shift begins. Topics to be discussed include task hazards and protective measures (physical, chemical, environmental); emergency procedures; PPE levels and other relevant safety topics. Meetings will be documented in a log book or specific form.

An emergency contact sheet with names and phone numbers is included in the HASP. That document will define the specific project contacts for use in case of emergency.

5.5 COMMUNITY AIR MONITORING PLAN

Real-time air monitoring for volatile organic compounds (VOCs) and particulate levels at the perimeter of the exclusion zone or work area will be performed. Continuous monitoring will be performed for all ground intrusive activities and during the handling of contaminated or potentially contaminated media. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pit excavation or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be performed during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. Periodic monitoring during sample collection, for instance, will consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. Depending upon the proximity of potentially exposed individuals, continuous monitoring may be performed during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence. Exceedences of action levels observed during performance of the Community Air Monitoring Plan (CAMP) will be reported to the OER Project Manager and included in the Daily Report.

VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) will be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis during invasive work. Upwind concentrations will be measured at the start of each workday and periodically thereafter to establish background conditions. The monitoring work will be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment will be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment will be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

- If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities will be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities will resume with continued monitoring.
- If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities will be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities will resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.
- If the organic vapor level is above 25 ppm at the perimeter of the work area, activities will be shutdown.

All 15-minute readings must be recorded and be available for OER personnel to review. Instantaneous readings, if any, used for decision purposes will also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations will be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate

monitoring will be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment will be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

- If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m^3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques will be employed. Work will continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m^3 above the upwind level and provided that no visible dust is migrating from the work area.
- If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m^3 above the upwind level, work will be stopped and a re-evaluation of activities initiated. Work will resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m^3 of the upwind level and in preventing visible dust migration.

All readings will be recorded and be available for OER personnel to review.

5.6 AGENCY APPROVALS

All permits or government approvals required for remedial construction have been or will be obtained prior to the start of remedial construction. Approval of this RAWP by OER does not constitute satisfaction of these requirements and will not be a substitute for any required permit.

5.7 SITE PREPARATION

Pre-Construction Meeting

OER will be invited to attend the pre-construction meeting at the Site with all parties involved in the remedial process prior to the start of remedial construction activities.

Mobilization

Mobilization will be conducted as necessary for each phase of work at the Site. Mobilization includes 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 will attend an orientation meeting to become familiar with the general operation of the Site, health and safety requirements, and field procedures.

Utility Marker Layouts, Easement Layouts

The presence of utilities and easements on the Site will be 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 will be performed incompliance with applicable laws and regulations to assure safety. Utility companies and other responsible authorities will be contacted to locate and mark the locations, and a copy of the Markout Ticket will be retained by the contractor prior to the start of drilling, excavation or other invasive subsurface operations. Overhead utilities may also be present within the anticipated work zones. Electrical hazards associated with drilling in the vicinity of overhead utilities will be prevented by maintaining a safe distance between overhead power lines and drill rig masts.

Proper safety and protective measures pertaining to utilities and easements, and compliance with all laws and regulations will be employed during invasive and other work contemplated under this RAWP. The integrity and safety of on-Site and off-Site structures will be maintained during all invasive, excavation or other remedial activity performed under the RAWP.

Dewatering

The excavation potentially will extend below the groundwater table and may require dewatering. Submersible pumps will be used to extract groundwater from gravel lined sumps in the excavations or a system of well points will be used for groundwater extraction. Extracted groundwater will be conveyed to a storage tank or treatment system. Depending on the selected

discharge option, a NYC DEP sewer use permit may be obtained to discharge treated groundwater to the sewer system.

Equipment and Material Staging

Equipment and materials will be stored and staged in a manner that complies with applicable laws and regulations.

Stabilized Construction Entrance

Steps will be taken to ensure that trucks departing the site will not track soil, fill or debris off-Site. Such actions may include use of cleaned asphalt or concrete roads or use of stone or other aggregate-based egress paths between the truck inspection station and the property exit. Measures will be taken to ensure that adjacent roadways will be kept clean of project related soils, fill and debris.

Truck Inspection Station

An outbound-truck inspection station will be set up close to the Site exit. Before exiting the NYC VCP Site, trucks will be required to stop at the truck inspection station and will be examined for evidence of contaminated soil on the undercarriage, body, and wheels. Soil and debris will be removed. Brooms, shovels and potable water will be utilized for the removal of soil from vehicles and equipment, as necessary.

Extreme Storm Preparedness and Response Contingency Plan

Damage from flooding or storm surge can include dislocation of soil and stockpiled materials, dislocation of site structures and construction materials and equipment, and dislocation of support of excavation structures. Damage from wind during an extreme storm event can create unsafe or unstable structures, damage safety structures and cause downed power lines creating dangerous site conditions and loss of power. In the event of emergency conditions caused by an extreme storm event, the enrollee will undertake the following steps for site preparedness prior to the event and response after the event.

Storm Preparedness

Preparations in advance of an extreme storm event will include the following: containerized hazardous materials and fuels will be removed from the property; lose materials will be secured to prevent dislocation and blowing by wind or water; heavy equipment such as excavators and generators will be removed from holes, trenches and depressions on the property to high ground or removed from the property; an inventory of the property with photographs will be performed to establish conditions for the site and equipment prior to the event; stockpile covers for soil and fill will be secured by adding weights such as sandbags for added security and worn or ripped stockpile covers will be replaced with competent covers; stockpiled hazardous wastes will be removed from the property; stormwater management systems will be inspected and fortified, including, as necessary: clean and reposition silt fences, haybales; clean storm sewer filters and traps; and secure and protect pumps and hosing.

Storm Response

At the conclusion of an extreme storm event, as soon as it is safe to access the property, a complete inspection of the property will be performed. A site inspection report will be submitted to OER at the completion of site inspection and after the site security is assessed. Site conditions will be compared to the inventory of site conditions and material performed prior to the storm event and significant differences will be noted. Damage from storm conditions that result in acute public safety threats, such as downed power lines or imminent collapse of buildings, structures or equipment will be reported to public safety authorities via appropriate means such as calling 911. Petroleum spills will be reported to NYS DEC within 2 hours of identification and consistent with State regulations. Emergency and spill conditions will also be reported to OER. Public safety structures, such as construction security fences will be repaired promptly to eliminate public safety threats. Debris will be collected and removed. Dewatering will be performed in compliance with existing laws and regulations and consistent with emergency notifications, if any, from proper authorities. Eroded areas of soil including unsafe slopes will be stabilized and fortified. Dislocated materials will be collected and appropriately managed. Support of excavation structure will be inspected and fortified as necessary. Impacted stockpiles will be contained and damaged stockpile covers will be replaced. Storm-water control systems and structures will be inspected and maintained as necessary. If soil or fill materials are discharged off site to adjacent properties, property owners and OER will be notified and

corrective measure plan designed to remove and clean dislocated material will be submitted to OER and implemented following approval by OER and granting of site access by the property owner. Impacted offsite areas may require characterization based on site conditions, at the discretion of OER. If onsite petroleum spills are identified, a qualified environmental professional will determine the nature and extent of the spill and report to NYS DEC's spill hotline at DEC 800-457-7362. If the source of the spill is ongoing and can be identified, it should be stopped it this can be done safely. Potential hazards will be addressed immediately, consistent with guidance issued by NYS DEC.

Storm Response Reporting

A site inspection report will be submitted to OER at the completion of site inspection. An inspection report established by OER is available on OER's website (www.nyc.gov/oer) and will be used for this purpose. Site conditions will be compared to the inventory of site conditions and material performed prior to the storm event and significant differences will be noted. The site inspection report will be sent to the OER project manager and will include the site name, address, tax block and lot, site primary and alternate contact name and phone number. Damage and soil release assessment will include: whether the project had stockpiles; whether stockpiles were damaged; photographs of damage and notice of plan for repair; report of whether soil from the site was dislocated and whether any of the soil left the site; estimates of the volume of soil that left the site, nature of impact, and photographs; description of erosion damage; description of equipment damage; description of damage to the remedial program or the construction program, such as damage to the support of excavation; presence of onsite or offsite exposure pathways caused by the storm; presence of petroleum or other spills and status of spill reporting to NYS DEC; description of corrective actions; schedule for corrective actions. This report should be completed and submitted to OER project manager with photographs within 24 hours of the time of safe entry to the property after the storm event.

5.8 TRAFFIC CONTROL

Drivers of trucks leaving the NYC VCP Site with soil/fill will be instructed to proceed without stopping in the vicinity of the site to prevent neighborhood impacts. The planned route on local roads for trucks leaving the site with soil/fill will follow DOT approved truck routes. .

5.9 DEMOBILIZATION

Demobilization will include:

- As necessary, restoration of temporary access areas and areas that may have been disturbed to accommodate support areas (e.g., staging areas, decontamination areas, storage areas, temporary water management areas, and access area);
- Removal of sediment from erosion control measures and truck wash and disposal of materials in accordance with applicable laws and regulations;
- Equipment decontamination, and;
- General refuse disposal.

Equipment will be decontaminated and demobilized at the completion of all field activities. Investigation equipment and large equipment (*e.g.*, soil excavators) will be washed at the truck inspection station as necessary. In addition, all investigation and remediation derived waste will be appropriately disposed.

5.10 REPORTING AND RECORD KEEPING

Daily Reports

Daily reports providing a general summary of activities for each day of *active remedial work* will be emailed to the OER Project Manager by the end of the following day. Those reports will include:

- Project number and statement of the activities and an update of progress made and locations of work performed;
- Quantities of material imported and exported from the Site;
- Status of on-Site soil/fill stockpiles;

- A summary of all citizen complaints, with relevant details (basis of complaint; actions taken; etc.);
- A summary of CAMP excursions, if any;
- Photograph of notable Site conditions and activities.

The frequency of the reporting period may be revised in consultation with OER project manager based on planned project tasks. Daily email reports are not intended to be the primary mode of communication for notification to OER of emergencies (accidents, spills), requests for changes to the RAWP or other sensitive or time critical information. However, such information will be included in the daily reports. Emergency conditions and changes to the RAWP will be communicated directly to the OER project manager by personal communication. Daily reports will be included as an Appendix in the Remedial Action Report.

Record Keeping and Photo-Documentation

Job-site record keeping for all remedial work will be performed. These records will be maintained on-Site during the project and will be available for inspection by OER staff. Representative photographs will be taken of the Site prior to any remedial activities and during major remedial activities to illustrate remedial program elements and contaminant source areas. Photographs will be submitted at the completion of the project in the RAR in digital format (i.e. jpeg files).

5.11 COMPLAINT MANAGEMENT

All complaints from citizens will be promptly reported to OER. Complaints will be addressed and outcomes will also be reported to OER in daily reports. Notices to OER will include the nature of the complaint, the party providing the complaint, and the actions taken to resolve any problems.

5.12 DEVIATIONS FROM THE REMEDIAL ACTION WORK PLAN

All changes to the RAWP will be reported to the OER Project Manager and will be documented in daily reports and reported in the Remedial Action Report. The process to be

followed if there are any deviations from the RAWP will include a request for approval for the change from OER noting the following:

- Reasons for deviating from the approved RAWP;
- Effect of the deviations on overall remedy; and
- Determination that the remedial action with the deviation(s) is protective of public health and the environment.

5.13 DATA USABILITY SUMMARY REPORT

The primary objective of a Data Usability Summary Report (DUSR) is to determine whether or not data meets the site specific criteria for data quality and data use. The DUSR provides an evaluation of analytical data without third party data validation. The DUSR for post-remedial samples collected during implementation of this RAWP will be included in the Remedial Action Report (RAR).

6.0 REMEDIAL ACTION REPORT

A Remedial Action Report (RAR) will be submitted to OER following implementation of the remedial action defined in this RAWP. The RAR will document that the remedial work required under this RAWP has been completed and has been performed in compliance with this plan. The RAR will include:

- Information required by this RAWP;
- As-built drawings for all constructed remedial elements, required certifications, manifests and other written and photographic documentation of remedial work performed under this remedy;
- Site Management Plan (if Track 1 is not achieved);
- Description of any changes in the remedial action from the elements provided in this RAWP and associated design documents;
- Tabular summary of all end point sampling results and all material characterization results, QA/QC results for end-point sampling, and other sampling and chemical analysis performed as part of the remedial action and DUSR;
- Test results or other evidence demonstrating that remedial systems are functioning properly;
- Account of the source area locations and characteristics of all contaminated material removed from the Site including a map showing source areas;
- Account of the disposal destination of all contaminated material removed from the Site. Documentation associated with disposal of all material will include transportation and disposal records, and letters approving receipt of the material.
- Account of the origin and required chemical quality testing for material imported onto the Site.
- Recorded Declaration of Covenants and Restrictions.

- Continue registration of the property with an E-Designation by the NYC Department of Buildings.
- Reports and supporting material will be submitted in digital form.

Remedial Action Report Certification

The following certification will appear in front of the Executive Summary of the Remedial Action Report. The certification will include the following statements:

I, Ralph J. Orlando_, am currently a professional engineer licensed by the State of New York. I had primary direct responsibility for implementation of the remedial program for the Site name Site Site number.

I, _David Umbach, am a qualified Environmental Professional. I had primary direct responsibility for implementation remedial program for the Site name Site Site number . (Optional)

I certify that the OER-approved Remedial Action Work Plan dated month day year and Stipulations in a letter dated month day, year; if any were implemented and that all requirements in those documents have been substantively complied with. I certify that contaminated soil, fill, liquids or other material from the property were taken to facilities licensed to accept this material in full compliance with applicable laws and regulations.

7.0 SCHEDULE

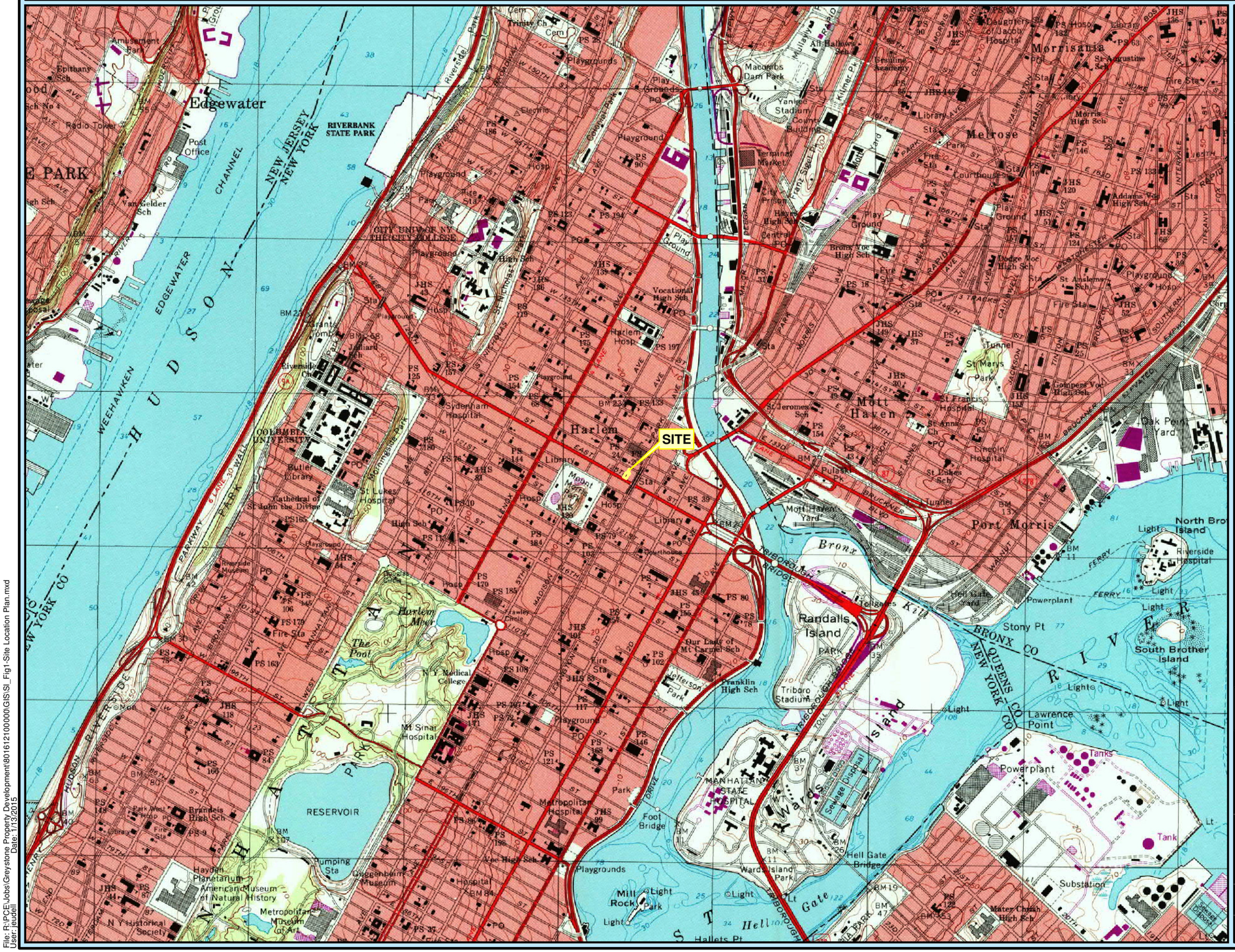
The table below presents a schedule for the proposed remedial action and reporting. If the schedule for remediation and development activities changes, it will be updated and submitted to OER. Currently, a one month remediation period is anticipated.

Schedule Milestone	Weeks from Remedial Action Start	Duration (weeks)
OER Approval of RAWP	0	-
Fact Sheet 2 announcing start of remedy	0	-
Mobilization	1	1
Remedial Excavation	2	4
Demobilization	6	1
Record Declaration of Covenants and Restrictions	10	1
Submit Remedial Action Report	45	2

FIGURES

Environmental Investigation

New York, NY



GREYSTONE PROPERTY DEVELOPMENT
ENVIRONMENTAL INVESTIGATION

69 EAST 125th STREET
BLOCK 1750, LOTS 28, 29, 30, 44

NEW YORK, NEW YORK

FIGURE 1
SITE LOCATION PLAN

Legend

Site Parcel

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Coord. System: NAD 1983 StatePlane New York Long Island FIPS 3104 Feet
Projection: Lambert Conformal Conic
False Easting: 984,250.0000
False Northing: 0.0000
Central Meridian: -74.0000
Standard Parallel 1: 40.6667
Standard Parallel 2: 41.0333
Latitude Of Origin: 40.1667
Units: Foot US

0 1,000 2,000 4,000
Feet

PSG Engineering, DPC

362 Fifth Avenue, Suite 501
New York, NY 10001
NY Certificate of Authorization No. 103397

Tel.: 646-273-1290
Fax.: 646-652-5382
www.psg-engineering-ny.com

Sources: NYC.gov; NYC Orthos Online; NYC Oasis; NYS GIS Clearinghouse; USGS 7.5' Quadrangle: Central Park 1995

SCALE: 1 in = 2,000 ft

Job No: 801612 100000
File Name: Fig1-Site Location Plan

DRAWN BY: JME

DATE: 1-12-15

File: R:\PCE\Jobs\Greystone Property Development\801612100000\GIS\SI_Fig1-Site Location Plan.mxd
User: jeudell
Date: 1/13/2015

Environmental Investigation

New York, NY

GREYSTONE PROPERTY DEVELOPMENT
ENVIRONMENTAL INVESTIGATION

69 EAST 125th STREET
BLOCK 1750, LOTS 28, 29, 30, 44

NEW YORK, NEW YORK

FIGURE 2
SITE PLAN

Legend

Site Parcel

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Coord. System: NAD 1983 StatePlane New York Long Island FIPS 3104 Feet
Projection: Lambert Conformal Conic
False Easting: 984,250.0000
False Northing: 0.0000
Central Meridian: -74.0000
Standard Parallel 1: 40.6667
Standard Parallel 2: 41.0333
Latitude Of Origin: 40.1667
Units: Foot US

0 15 30 60
Feet

PSG Engineering, DPC

362 Fifth Avenue, Suite 501
New York, NY 10001
NY Certificate of Authorization No. 103397

Tel.: 646-273-1290
Fax.: 646-652-5382
www.psg-engineering-ny.com

Sources: NYC.gov; NYC Orthos Online;
NYC Oasis; NYS GIS Clearinghouse;
ESRI Basemap: World Imagery

SCALE
1 in = 30 ft

Job No: 801612 100000
File Name: Fig2-Site Plan

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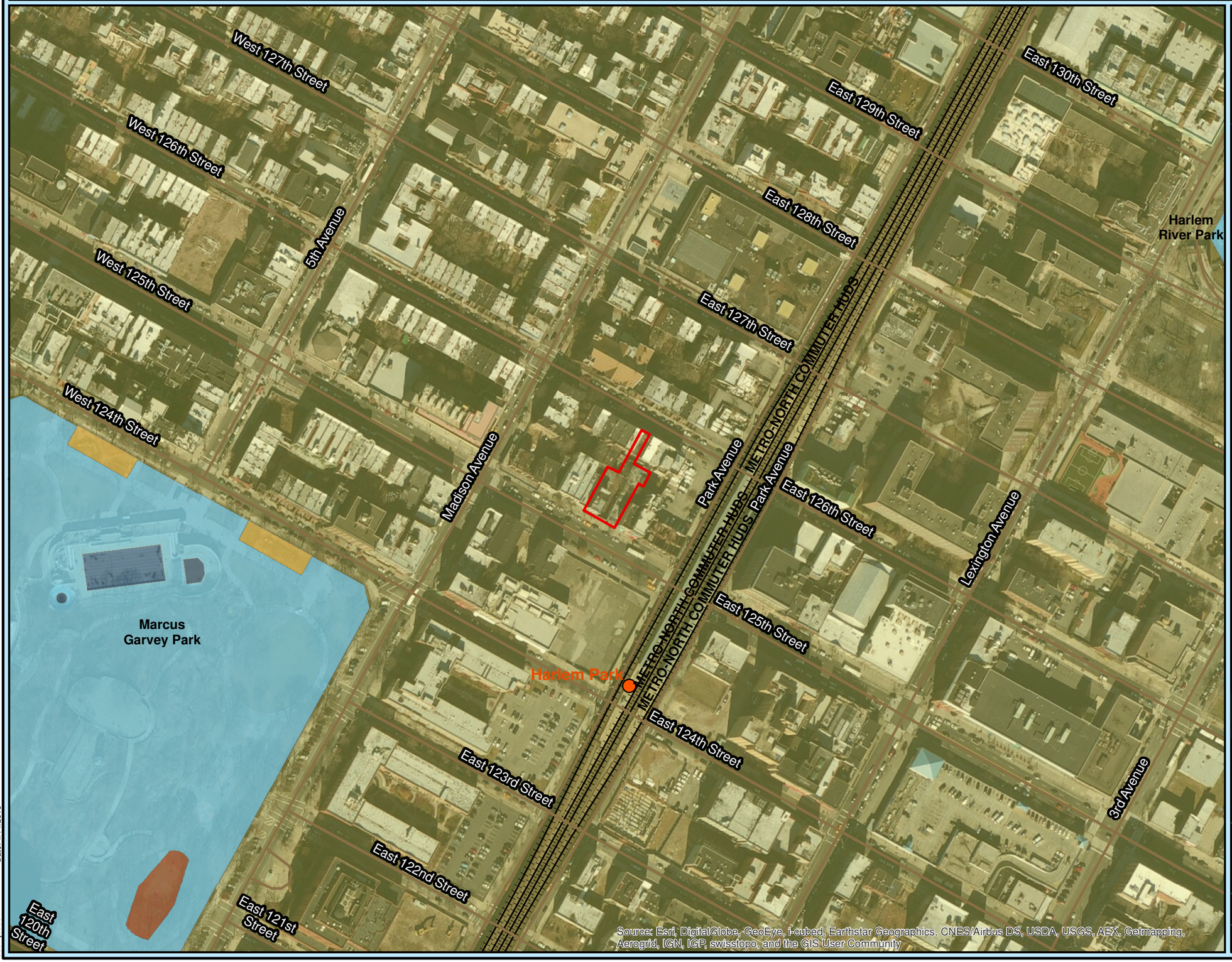
User: jeudell
Date: 1/14/2015

Environmental Investigation

New York, NY



GREYSTONE PROPERTY DEVELOPMENT
ENVIRONMENTAL INVESTIGATION

69 EAST 125th STREET
BLOCK 1750, LOTS 28, 29, 30, 44

NEW YORK, NEW YORK

FIGURE 3
LAND USE MAP

Legend

- Site Parcel
- Remedial Sites
- Streets
- Railroad

Open Space

- Hard Surface Courts within Park
- Playgrounds within Park
- Pools within Park
- Recreational Areas over 2 acres

Surface Water

- Bay
- Lake
- Lake(G)
- Lake(R)
- River

Ecological Regions (Minor)

- H01 MANHATTAN HILLS

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0 100 200 400
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Sources: NYC.gov; NYC Orthos Online; NYC Oasis; NYS GIS Clearinghouse; NYS DEC
ESRI Basemap: World Imagery

SCALE: 1 in = 200 ft

Job No: 801612 100000
File Name: Fig3-Land Use

DRAWN BY: JME

DATE: 1-12-15

File: R:\PCE\Jobs\Greystone Property Development\801612100000\GIS\SI_Fig3-Land Use.mxd
User: jeudell
Date: 1/14/2015

TABLES

Table 1 - Soil Analytical Data Summary

LOCATION				SB-1-0-8			SB-1-8-11			SB-1-11-14			SB-1-0-8			SB-1-8-9			SB-1-14			SB-1-18			SB-1-19		
SAMPLING DATE				1/15/2015			1/15/2015			1/15/2015			1/15/2015			1/15/2015			1/15/2015			1/15/2015			1/15/2015		
LAB SAMPLE ID				L1500957-01			L1500957-03			L1500957-02			L1500957-04			L1500957-05			L1500957-06			L1500957-07			L1500957-08		
SAMPLE TYPE				SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
SAMPLE DEPTH (ft.)				0.0-8.0			8.0-11.0			11.0-14.0			0.0-8.0			8.0-9.0			13.5-14.0			17.5-18.0			18.0-18.5		
	CasNum	NY-UNRES	Units	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL
Gasoline Range Organics - Westborough Lab																											
Gasoline Range Organics	NONE		mg/kg	ND	3.1	0.059	ND	2.6	0.051	ND	2.2	0.043	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
General Chemistry - Westborough Lab																											
Paint Filter Liquid	PFLT		-	NEGATIVE	0	NA	NEGATIVE	0	NA	NEGATIVE	0	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Solids, Total	NONE		%	80.5	0.1	NA	91.9	0.1	NA	94.8	0.1	NA	81	0.1	NA	86.1	0.1	NA	94.9	0.1	NA	89.3	0.1	NA	85	0.1	NA
Petroleum Hydrocarbon Quantitation - Westborough Lab																											
TPH	NONE		mg/kg	113	40.4	2.76	32.9J	35.2	2.4	4.28J	34	2.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC - Westborough Lab																											
Aroclor 1016	12674-11-2	0.1	mg/kg	ND	0.0401	0.00317	ND	0.0354	0.0028	ND	0.0341	0.0027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1221	11104-28-2	0.1	mg/kg	ND	0.0401	0.0037	ND	0.0354	0.00326	ND	0.0341	0.00314	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1232	11141-16-5	0.1	mg/kg	ND	0.0401	0.0047	ND	0.0354	0.00415	ND	0.0341	0.004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1242	53469-21-9	0.1	mg/kg	ND	0.0401	0.00491	ND	0.0354	0.00433	ND	0.0341	0.00418	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1248	12672-29-6	0.1	mg/kg	ND	0.0401	0.00339	ND	0.0354	0.00299	ND	0.0341	0.00288	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1254	11097-69-1	0.1	mg/kg	0.0534	0.0401	0.0033	ND	0.0354	0.00291	ND	0.0341	0.0028	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1260	11096-82-5	0.1	mg/kg	0.0181J	0.0401	0.00306	ND	0.0354	0.0027	ND	0.0341	0.0026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1262	37324-23-5	0.1	mg/kg	ND	0.0401	0.00199	ND	0.0354	0.00176	ND	0.0341	0.00169	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1268	11100-14-4	0.1	mg/kg	ND	0.0401	0.00582	ND	0.0354	0.00513	ND	0.0341	0.00495	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs, Total	1336-36-3		mg/kg	0.0715J	0.0401	0.00199	ND	0.0354	0.00176	ND	0.0341	0.00169	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semivolatile Organics by GC/MS - Westborough Lab																											
1,2,4,5-Tetrachlorobenzene	95-94-3		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.2	0.063	ND	0.19	0.058	ND	0.17	0.053	ND	0.18	0.056	ND	0.39	0.12
1,2,4-Trichlorobenzene	120-82-1		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.2	0.066	ND	0.19	0.062	ND	0.17	0.056	ND	0.18	0.059	ND	0.39	0.13
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	-	-	-	-	-	-	-	ND	0.2	0.066	ND	0.19	0.062	ND	0.17	0.056	ND	0.18	0.059	ND	0.39	0.13
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	-	-	-	-	-	-	-	ND	0.2	0.064	ND	0.19	0.059	ND	0.17	0.054	ND	0.18	0.057	ND	0.39	0.12
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	-	-	-	-	-	-	-	ND	0.2	0.061	ND	0.19	0.057	ND	0.17	0.052	ND	0.18	0.055	ND	0.39	0.12
2,4,5-Trichlorophenol	95-95-4		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.2	0.066	ND	0.19	0.061	ND	0.17	0.055	ND	0.18	0.059	ND	0.39	0.12
2,4,6-Trichlorophenol	88-06-2		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.12	0.038	ND	0.11	0.036	ND	0.1	0.032	ND	0.11	0.034	ND	0.23	0.073
2,4-Dichlorophenol	120-83-2		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.18	0.066	ND	0.17	0.061	ND	0.15	0.055	ND	0.16	0.059	ND	0.35	0.12
2,4-Dimethylphenol	105-67-9		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.2	0.06	ND	0.19	0.056	ND	0.17	0.051	ND	0.18	0.054	ND	0.39	0.12
2,4-Dinitrophenol	51-28-5		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.97	0.28	ND	0.9	0.26	ND	0.82	0.23	ND	0.87	0.25	ND	1.9	0.53
2,4-Dinitrotoluene	121-14-2		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.2	0.044	ND	0.19	0.041	ND	0.17	0.037	ND	0.18	0.039	ND	0.39	0.084
2,6-Dinitrotoluene	606-20-2		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.2	0.052	ND	0.19	0.048	ND	0.17	0.044	ND	0.18	0.046	ND	0.39	0.099
2-Chloronaphthalene	91-58-7		mg/kg	ND	0.2	0.067	ND	0.18	0.058	ND	0.18	0.057	ND	0.2	0.066	ND	0.19	0.061	ND	0.17	0.056	ND	0.18	0.059	ND	0.39	0.13
2-Chlorophenol	95-57-8		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.2	0.061	ND	0.19	0.057	ND	0.17	0.052	ND	0.18	0.055	ND	0.39	0.12
2-Methylnaphthalene	91-57-6		mg/kg	ND	0.24	0.065	ND	0.21	0.057	ND	0.21	0.056	ND	0.24	0.064	ND	0.23	0.06	ND	0.2	0.055	ND	0.22	0.058	ND	0.47	0.12
2-Methylphenol	95-48-7	0.33	mg/kg	-	-	-	-	-	-	-	-	-	ND	0.2	0.065	ND	0.19	0.061	ND	0.17	0.055	ND	0.18	0.058	ND	0.39	0.12
2-Nitroaniline	88-74-4		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.2	0.057	ND	0.19	0.053	ND	0.17	0.048	ND	0.18	0.051	ND	0.39	0.11
2-Nitrophenol	88-75-5		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.44	0.063	ND	0.41	0.059	ND	0.37	0.053	ND	0.39	0.056	ND	0.84	0.12
3,3'-Dichlorobenzidine	91-94-1		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.2	0.054	ND	0.19	0.05	ND	0.17	0.046	ND	0.18	0.048	ND	0.39	0.1
3-Methylphenol/4-Methylphenol	108-39-4	0.33	mg/kg	-	-	-	-	-	-	-	-	-	ND	0.29	0.066	ND	0.27	0.062	ND	0.25	0.056	ND	0.26	0.059	ND	0.56	0.13
3-Nitroaniline	99-09-2		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.2	0.056	ND	0.19	0.052	ND	0.17	0.047	ND	0.18	0.05	ND	0.39	0.11
4,6-Dinitro-o-cresol	534-52-1		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.52	0.074	ND	0.49	0.069	ND	0.44	0.063	ND	0.47	0.066	ND	1	0.14
4-Bromophenyl phenyl ether	101-55-3		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.2	0.046	ND	0.19	0.043	ND	0.17	0.039	ND	0.18	0.042	ND	0.39	0.089
4-Chloroaniline	106-47-8		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.2	0.053	ND	0.19	0.05	ND	0.17	0.045	ND	0.18	0.048	ND	0.39	0.1
4-Chlorophenyl phenyl ether	7005-72-3		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.2	0.062	ND	0.19	0.057	ND	0.17	0.052	ND	0.18	0.055	ND	0.39	0.12
4-Nitroaniline	100-01-6		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.2	0.054	ND	0.19	0.051	ND	0.17	0.046	ND	0.18	0.049	ND	0.39	0.1
4-Nitrophenol	100-02-7		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.28	0.066	ND	0.26	0.061	ND	0.24	0.055	ND	0.25	0.059	ND	0.54	0.12
Acenaphthene	83-32-9	20	mg/kg	ND	0.16	0.042	ND	0.14	0.037	ND	0.14	0.036	ND	0.16	0.042	ND	0.15	0.039	ND	0.14	0.035	ND	0.14	0.037	ND	0.31	0.08
Acenaphthylene	208-96-8	100	mg/kg	0.25	0.16	0.038	0.11J	0.14	0.033	ND	0.14	0.033	0.21	0.16	0.038	0.056J	0.15	0.035	ND	0.14	0.032	0.097J	0.14	0.034	0.097J	0.31	0.073
Acetophenone	98-86-2		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.2	0.063	ND	0.19	0.058	ND	0.17	0.053	ND	0.18	0.056	ND	0.39	0.12
Anthracene	120-12-7	100	mg/kg	0.091J	0.12	0.034	0.044J	0.11	0.03	ND	0.1	0.029	0.073J	0.12	0.034	ND	0.11	0.031	ND	0.1	0.028	0.079J	0.11	0.03	ND	0.23	0.065
Benzo(a)anthracene	56-55-3	1	mg/kg	0.43	0.12	0.04	0.21	0.11	0.035	ND	0.1	0.034	0.37	0.12	0.04	0.13	0.11	0.037	ND	0.1	0.033	0.19	0.11	0.035	0.19J	0.23	0.076
Benzo(a)pyrene	50-32-8	1	mg/kg	0.48	0.16	0.05	0.24	0.14	0.044	ND	0.14	0.043	0.44	0.16	0.049	0.15	0.15	0.046	ND	0.14	0.042	0.15	0.14	0.044	0.19J	0.31	0.095
Benzo(b)fluoranthene	205-99-2	1	mg/kg	0.86	0.12	0.041	0.48	0.11	0.036	ND	0.1	0.035	0.84	0.12	0.041	0.28	0.11	0.038	ND	0.1	0.034	0.22	0.11	0.036	0.36	0.23	0.078
Benzo(ghi)perylene	191-24-2	100	mg/kg	0.46	0.16	0.043	0.22	0.14	0.037	ND	0.14	0.036	0.4	0.16	0.042	0.13J	0.15	0.039	ND	0.14	0.036	0.096J	0.14	0.038	0.15J	0.31	0.081
Benzo(k)fluoranthene	207-08-9	0.8	mg/kg	0.37	0.12	0.039	0.17	0.11	0.034	ND	0.1	0.033	0.27	0.12	0.038	0.093J	0.11	0.036	ND	0.1	0.033	0.1J	0.11	0.034	0.13J	0.23	0.074
Benzoic Acid	65-85-0		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.66	0.2	ND	0.61	0.19	ND	0.55	0.17	ND	0.59	0.18	ND	1.2	0.39
Benzyl Alcohol	100-51-6		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.2	0.062	ND	0.19	0.058	ND	0.17	0.053	ND	0.18	0.056	ND	0.39	0.12
Biphenyl	92-52-4		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.46	0.067	ND	0.43	0.062	ND	0.39	0.056	ND	0.41	0.06	ND	0.89	0.13
Bis(2-chloroethoxy)methane	111-91-1		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.22	0.061	ND	0.2	0.057	ND	0.18	0.052	ND	0.2	0.055	ND	0.42	0.12
Bis(2-chloroethyl)ether	111-44-4		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.18	0.057	ND	0.17	0.053	ND	0.15	0.048	ND	0.16	0.051	ND	0.35	0.11
Bis(2-chloroisopropyl)ether	108-60-1		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.24	0.071	ND	0.23	0.066	ND	0.2	0.06	ND	0.22	0.064	ND	0.47	0.14

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LOCATION				SB-1-0-8			SB-1-8-11			SB-1-11-14			SB-1-0-8			SB-1-8-9			SB-1-14			SB-1-18			SB-1-19		
SAMPLING DATE				1/15/2015			1/15/2015			1/15/2015			1/15/2015			1/15/2015			1/15/2015			1/15/2015			1/15/2015		
LAB SAMPLE ID				L1500957-01			L1500957-03			L1500957-02			L1500957-04			L1500957-05			L1500957-06			L1500957-07			L1500957-08		
SAMPLE TYPE				SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
SAMPLE DEPTH (ft.)				0.0-8.0			8.0-11.0			11.0-14.0			0.0-8.0			8.0-9.0			13.5-14.0			17.5-18.0			18.0-18.5		
	CasNum	NY-UNRES	Units	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL
Bis(2-Ethylhexyl)phthalate	117-81-7		mg/kg	-	-	-	-	-	-	-	-	-	3.2	0.2	0.053	0.23	0.19	0.049	0.082J	0.17	0.045	0.16J	0.18	0.047	0.3J	0.39	0.1
Butyl benzyl phthalate	85-68-7		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.2	0.04	ND	0.19	0.037	ND	0.17	0.033	ND	0.18	0.035	ND	0.39	0.076
Carbazole	86-74-8		mg/kg	-	-	-	-	-	-	-	-	-	0.08J	0.2	0.043	ND	0.19	0.04	ND	0.17	0.037	0.059J	0.18	0.039	ND	0.39	0.084
Chrysene	218-01-9	1	mg/kg	0.6	0.12	0.04	0.33	0.11	0.035	ND	0.1	0.034	0.54	0.12	0.04	0.19	0.11	0.037	ND	0.1	0.034	0.2	0.11	0.036	0.28	0.23	0.076
Di-n-butylphthalate	84-74-2		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.2	0.039	ND	0.19	0.036	ND	0.17	0.033	ND	0.18	0.035	ND	0.39	0.075
Di-n-octylphthalate	117-84-0		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.2	0.05	ND	0.19	0.046	ND	0.17	0.042	ND	0.18	0.044	ND	0.39	0.096
Dibenzo(a,h)anthracene	53-70-3	0.33	mg/kg	0.1J	0.12	0.04	0.05J	0.11	0.035	ND	0.1	0.034	0.093J	0.12	0.039	ND	0.11	0.036	ND	0.1	0.033	ND	0.11	0.035	ND	0.23	0.075
Dibenzofuran	132-64-9	7	mg/kg	-	-	-	-	-	-	-	-	-	ND	0.2	0.067	ND	0.19	0.063	ND	0.17	0.057	0.063J	0.18	0.06	ND	0.39	0.13
Diethyl phthalate	84-66-2		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.2	0.043	ND	0.19	0.04	ND	0.17	0.036	ND	0.18	0.038	ND	0.39	0.082
Dimethyl phthalate	131-11-3		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.2	0.051	ND	0.19	0.048	ND	0.17	0.043	ND	0.18	0.046	ND	0.39	0.099
Fluoranthene	206-44-0	100	mg/kg	1	0.12	0.038	0.63	0.11	0.033	ND	0.1	0.032	0.92	0.12	0.037	0.36	0.11	0.035	ND	0.1	0.031	0.49	0.11	0.033	0.5	0.23	0.071
Fluorene	86-73-7	30	mg/kg	ND	0.2	0.059	ND	0.18	0.051	ND	0.18	0.05	ND	0.2	0.058	ND	0.19	0.054	ND	0.17	0.049	0.061J	0.18	0.052	ND	0.39	0.11
Hexachlorobenzene	118-74-1	0.33	mg/kg	-	-	-	-	-	-	-	-	-	ND	0.12	0.038	ND	0.11	0.035	ND	0.1	0.032	ND	0.11	0.034	ND	0.23	0.072
Hexachlorobutadiene	87-68-3		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.2	0.057	ND	0.19	0.053	ND	0.17	0.048	ND	0.18	0.051	ND	0.39	0.11
Hexachlorocyclopentadiene	77-47-4		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.58	0.13	ND	0.54	0.12	ND	0.49	0.11	ND	0.52	0.12	ND	1.1	0.25
Hexachloroethane	67-72-1		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.16	0.037	ND	0.15	0.034	ND	0.14	0.031	ND	0.14	0.033	ND	0.31	0.071
Indeno(1,2,3-cd)Pyrene	193-39-5	0.5	mg/kg	0.49	0.16	0.046	0.24	0.14	0.04	ND	0.14	0.039	0.44	0.16	0.045	0.14J	0.15	0.042	ND	0.14	0.038	0.12J	0.14	0.04	0.17J	0.31	0.086
Isophorone	78-59-1		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.18	0.054	ND	0.17	0.05	ND	0.15	0.046	ND	0.16	0.048	ND	0.35	0.1
n-Nitrosodi-n-propylamine	621-64-7		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.2	0.06	ND	0.19	0.056	ND	0.17	0.051	ND	0.18	0.054	ND	0.39	0.12
Naphthalene	91-20-3	12	mg/kg	ND	0.2	0.068	ND	0.18	0.059	ND	0.18	0.058	ND	0.2	0.067	ND	0.19	0.062	ND	0.17	0.057	ND	0.18	0.06	ND	0.39	0.13
Nitrobenzene	98-95-3		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.18	0.048	ND	0.17	0.045	ND	0.15	0.041	ND	0.16	0.043	ND	0.35	0.092
NitrosoDiPhenylAmine(NDPA)/DPA	86-30-6		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.16	0.042	ND	0.15	0.04	ND	0.14	0.036	ND	0.14	0.038	ND	0.31	0.082
P-Chloro-M-Cresol	59-50-7		mg/kg	-	-	-	-	-	-	-	-	-	ND	0.2	0.059	ND	0.19	0.055	ND	0.17	0.05	ND	0.18	0.052	ND	0.39	0.11
Pentachlorophenol	87-86-5	0.8	mg/kg	-	-	-	-	-	-	-	-	-	ND	0.16	0.043	ND	0.15	0.04	ND	0.14	0.037	ND	0.14	0.039	ND	0.31	0.083
Phenanthrene	85-01-8	100	mg/kg	0.54	0.12	0.04	0.38	0.11	0.035	ND	0.1	0.034	0.38	0.12	0.04	0.18	0.11	0.037	ND	0.1	0.033	0.45	0.11	0.035	0.3	0.23	0.076
Phenol	108-95-2	0.33	mg/kg	-	-	-	-	-	-	-	-	-	ND	0.2	0.06	ND	0.19	0.056	ND	0.17	0.051	ND	0.18	0.054	ND	0.39	0.12
Pyrene	129-00-0	100	mg/kg	0.8	0.12	0.04	0.48	0.11	0.035	ND	0.1	0.034	0.72	0.12	0.039	0.29	0.11	0.037	ND	0.1	0.033	0.35	0.11	0.035	0.4	0.23	0.076
TCLP Metals by EPA 1311 - Westborough Lab																											
Arsenic, TCLP	7440-38-2		mg/l	ND	1	0.02	ND	1	0.02	0.03J	1	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium, TCLP	7440-39-3		mg/l	0.47J	0.5	0.03	0.23J	0.5	0.03	0.23J	0.5	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium, TCLP	7440-43-9		mg/l	0.01J	0.1	0.01	ND	0.1	0.01	ND	0.1	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium, TCLP	7440-47-3		mg/l	0.02J	0.2	0.02	ND	0.2	0.02	ND	0.2	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead, TCLP	7439-92-1		mg/l	1.9	0.5	0.02	0.31J	0.5	0.02	ND	0.5	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury, TCLP	7439-97-6		mg/l	ND	0.001	0.0003	ND	0.001	0.0003	ND	0.001	0.0003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium, TCLP	7782-49-2		mg/l	ND	0.5	0.03	ND	0.5	0.03	ND	0.5	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver, TCLP	7440-22-4		mg/l	0.04J	0.1	0.02	ND	0.1	0.02	ND	0.1	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Metals - Westborough Lab																											
Aluminum, Total	7429-90-5		mg/kg	6700	9.8	2	5000	8.6	1.7	2600	8	1.6	6600	9.6	1.9	8400	9.1	1.8	1900	8.1	1.6	3100	8.6	1.7	3900	9	1.8
Antimony, Total	7440-36-0		mg/kg	ND	4.9	0.78	ND	4.3	0.69	ND	4	0.64	ND	4.8	0.77	ND	4.5	0.72	ND	4	0.65	ND	4.3	0.69	ND	4.5	0.72
Arsenic, Total	7440-38-2	13	mg/kg	7.9	0.98	0.2	4.1	0.86	0.17	1.2	0.8	0.16	8.7	0.96	0.19	7.4	0.91	0.18	1.2	0.81	0.16	3.2	0.86	0.17	4.1	0.9	0.18
Barium, Total	7440-39-3	350	mg/kg	290	0.98	0.29	75	0.86	0.26	13	0.8	0.24	260	0.96	0.29	120	0.91	0.27	12	0.81	0.24	26	0.86	0.26	200	0.9	0.27
Beryllium, Total	7440-41-7	7.2	mg/kg	0.27J	0.49	0.1	0.21J	0.43	0.09	0.12J	0.4	0.08	0.27J	0.48	0.1	0.33J	0.45	0.09	0.09J	0.4	0.08	0.19J	0.43	0.09	0.21J	0.45	0.09
Cadmium, Total	7440-43-9	2.5	mg/kg	0.43J	0.98	0.07	0.08J	0.86	0.06	ND	0.8	0.06	0.49J	0.96	0.07	0.16J	0.91	0.06	ND	0.81	0.06	ND	0.86	0.06	0.28J	0.9	0.06
Calcium, Total	7440-70-2		mg/kg	44000	9.8	2.9	9900	8.6	2.6	430	8	2.4	51000	9.6	2.9	26000	9.1	2.7	280	8.1	2.4	1700	8.6	2.6	16000	9	2.7
Chromium, Total	7440-47-3		mg/kg	14	0.98	0.2	11	0.86	0.17	4.7	0.8	0.16	22	0.96	0.19	18	0.91	0.18	3.3	0.81	0.16	6.3	0.86	0.17	11	0.9	0.18
Cobalt, Total	7440-48-4		mg/kg	3.9	2	0.49	4.5	1.7	0.43	2	1.6	0.4	4.2	1.9	0.48	4.8	1.8	0.45	1.2J	1.6	0.4	2.7	1.7	0.43	2.6	1.8	0.45
Copper, Total	7440-50-8	50	mg/kg	24	0.98	0.2	19	0.86	0.17	8.7	0.8	0.16	27	0.96	0.19	20	0.91	0.18	6	0.81	0.16	12	0.86	0.17	15	0.9	0.18
Iron, Total	7439-89-6		mg/kg	10000	4.9	2	7900	4.3	1.7	3900	4	1.6	13000	4.8	1.9	12000	4.5	1.8	2900	4	1.6	6600	4.3	1.7	6600	4.5	1.8
Lead, Total	7439-92-1	63	mg/kg	330	4.9	0.2	72	4.3	0.17	1.9J	4	0.16	370	4.8	0.19	110	4.5	0.18	1.4J	4	0.16	17	4.3	0.17	220	4.5	0.18
Magnesium, Total	7439-95-4		mg/kg	4800	9.8	0.98	2000	8.6	0.86	1200	8	0.8	4600	9.6	0.96	4300	9.1	0.91	830	8.1	0.81	1600	8.6	0.86	2000	9	0.9
Manganese, Total	7439-96-5	1600	mg/kg	290	0.98	0.2	270	0.86	0.17	180	0.8	0.16	260	0.96	0.19	300	0.91	0.18	120	0.81	0.16	160	0.86	0.17	170	0.9	0.18
Mercury, Total	7439-97-6	0.18	mg/kg	0.56	0.08	0.02	0.1	0.07	0.01	ND	0.07	0.01	0.53	0.08	0.02	0.42	0.08	0.02	ND	0.07	0.01	0.02J	0.07	0.02	0.32	0.08	0.02
Nickel, Total	7440-02-0	30	mg/kg	14	2.4	0.39	10	2.2	0.34	5.8	2	0.32	14	2.4	0.38	19	2.3	0.36	3.8	2	0.32	19	2.2	0.34	12	2.2	0.36
Potassium, Total	7440-09-7		mg/kg	650	240	39	400	220	34	260	200	32	570	240	38	850	230	36	200	200	32	310	220	34	400	220	36
Selenium, Total	7782-49-2	3.9	mg/kg	0.36J	2	0.29	ND	1.7	0.26	ND	1.6	0.24	ND	1.9	0.29	ND	1.8	0.27	ND	1.6	0.24	ND	1.7	0.26	ND	1.8	0.27
Silver, Total	7440-22-4	2	mg/kg	ND	0.98	0.2	ND	0.86	0.17	ND	0.8	0.16	ND	0.96	0.19	ND	0.91	0.18	ND	0.81	0.16	ND	0.86	0.17	ND	0.9	0.18
Sodium, Total	7440-23-5		mg/kg	480	200	29	100J	170	26	27J	160	24	360	190	29	330	180	27	ND	160	24	97J	170	26	210	180	27
Thallium, Total	7440-28-0		mg/kg	ND	2	0.39	ND	1.7	0.34	ND	1.6	0.32	ND	1.9	0.38	ND	1.8	0.36	ND	1.6	0.32	ND	1.7	0.34	ND	1.8	0.36
Vanadium, Total	7440-62-2		mg/kg	19	0.98	0.1	12	0.86	0.09	5.1	0.8	0.08	19	0.96	0.1	19	0.91	0.09	3.8	0.81	0.08	7.4	0.86	0.09	11	0.9	0.09
Zinc, Total	7440-66-6	109	mg/kg	230	4.9	0.68	62	4.3	0.6	7.5	4	0.56	290	4.8	0.67	100	4.5	0.64	5.4	4	0.57	47	4.3	0.6	130	4.5	0.63

Table 1 - Soil Analytical Data Summary

LOCATION				SB-1-0-8			SB-1-8-11			SB-1-11-14			SB-1-0-8			SB-1-8-9			SB-1-14			SB-1-18			SB-1-19		
SAMPLING DATE				1/15/2015			1/15/2015			1/15/2015			1/15/2015			1/15/2015			1/15/2015			1/15/2015			1/15/2015		
LAB SAMPLE ID				L1500957-01			L1500957-03			L1500957-02			L1500957-04			L1500957-05			L1500957-06			L1500957-07			L1500957-08		
SAMPLE TYPE				SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
SAMPLE DEPTH (ft.)				0.0-8.0			8.0-11.0			11.0-14.0			0.0-8.0			8.0-9.0			13.5-14.0			17.5-18.0			18.0-18.5		
	CasNum	NY-UNRES	Units	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab																											
1,1,1,2-Tetrachloroethane	630-20-6		mg/kg	ND	0.0014	0.00044	ND	0.0012	0.00038	ND	0.0011	0.00036	ND	0.0015	0.00049	ND	0.0011	0.00036	ND	0.0011	0.00034	ND	0.058	0.018	ND	0.064	0.02
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	ND	0.0014	0.00015	ND	0.0012	0.00013	ND	0.0011	0.00013	ND	0.0015	0.00017	ND	0.0011	0.00013	ND	0.0011	0.00012	ND	0.058	0.0064	ND	0.064	0.0071
1,1,2,2-Tetrachloroethane	79-34-5		mg/kg	ND	0.0014	0.00014	ND	0.0012	0.00012	ND	0.0011	0.00012	ND	0.0015	0.00016	ND	0.0011	0.00011	ND	0.0011	0.00011	ND	0.058	0.0058	ND	0.064	0.0065
1,1,2-Trichloroethane	79-00-5		mg/kg	ND	0.0021	0.00042	ND	0.0018	0.00036	ND	0.0017	0.00035	ND	0.0023	0.00047	ND	0.0017	0.00035	ND	0.0016	0.00033	ND	0.087	0.018	ND	0.096	0.02
1,1-Dichloroethane	75-34-3	0.27	mg/kg	ND	0.0021	0.00012	ND	0.0018	0.0001	ND	0.0017	0.0001	ND	0.0023	0.00013	ND	0.0017	0.0001	ND	0.0016	0.00009	ND	0.087	0.005	ND	0.096	0.0055
1,1-Dichloroethene	75-35-4	0.33	mg/kg	ND	0.0014	0.00036	ND	0.0012	0.00031	ND	0.0011	0.0003	ND	0.0015	0.0004	ND	0.0011	0.0003	ND	0.0011	0.00028	ND	0.058	0.015	ND	0.064	0.017
1,1-Dichloropropene	563-58-6		mg/kg	ND	0.0069	0.0002	ND	0.0059	0.00017	ND	0.0057	0.00016	ND	0.0077	0.00022	ND	0.0057	0.00016	ND	0.0054	0.00015	ND	0.29	0.0082	ND	0.32	0.0091
1,2,3-Trichlorobenzene	87-61-6		mg/kg	ND	0.0069	0.0002	ND	0.0059	0.00017	ND	0.0057	0.00017	ND	0.0077	0.00023	ND	0.0057	0.00017	ND	0.0054	0.00016	ND	0.29	0.0085	ND	0.32	0.0095
1,2,3-Trichloropropane	96-18-4		mg/kg	ND	0.014	0.00022	ND	0.012	0.00019	ND	0.011	0.00019	ND	0.015	0.00025	ND	0.011	0.00018	ND	0.011	0.00017	ND	0.58	0.0094	ND	0.64	0.01
1,2,4,5-Tetramethylbenzene	95-93-2		mg/kg	ND	0.0055	0.00018	ND	0.0047	0.00015	ND	0.0046	0.00015	ND	0.0062	0.0002	ND	0.0046	0.00015	ND	0.0043	0.00014	ND	0.23	0.0075	ND	0.26	0.0084
1,2,4-Trichlorobenzene	120-82-1		mg/kg	ND	0.0069	0.00025	ND	0.0059	0.00022	ND	0.0057	0.00021	ND	0.0077	0.00028	ND	0.0057	0.00021	ND	0.0054	0.0002	ND	0.29	0.01	ND	0.32	0.012
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	ND	0.0069	0.0002	ND	0.0059	0.00017	ND	0.0057	0.00016	ND	0.0077	0.00022	ND	0.0057	0.00016	ND	0.0054	0.00015	ND	0.29	0.0082	ND	0.32	0.0091
1,2-Dibromo-3-chloropropane	96-12-8		mg/kg	ND	0.0069	0.00055	ND	0.0059	0.00047	ND	0.0057	0.00045	ND	0.0077	0.00061	ND	0.0057	0.00045	ND	0.0054	0.00042	ND	0.29	0.023	ND	0.32	0.025
1,2-Dibromoethane	106-93-4		mg/kg	ND	0.0055	0.00024	ND	0.0047	0.00021	ND	0.0046	0.0002	ND	0.0062	0.00027	ND	0.0046	0.0002	ND	0.0043	0.00019	ND	0.23	0.01	ND	0.26	0.011
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	ND	0.0069	0.00021	ND	0.0059	0.00018	ND	0.0057	0.00018	ND	0.0077	0.00024	ND	0.0057	0.00017	ND	0.0054	0.00016	ND	0.29	0.0089	ND	0.32	0.0098
1,2-Dichloroethane	107-06-2	0.02	mg/kg	ND	0.0014	0.00016	ND	0.0012	0.00013	ND	0.0011	0.00013	ND	0.0015	0.00018	ND	0.0011	0.00013	ND	0.0011	0.00012	ND	0.058	0.0066	ND	0.064	0.0073
1,2-Dichloroethene (total)	540-59-0		mg/kg	ND	0.0014	0.0002	ND	0.0012	0.00017	ND	0.0011	0.00016	ND	0.0015	0.00022	ND	0.0011	0.00016	ND	0.0011	0.00015	ND	0.058	0.0082	ND	0.064	0.0092
1,2-Dichloropropane	78-87-5		mg/kg	ND	0.0048	0.00031	ND	0.0041	0.00027	ND	0.004	0.00026	ND	0.0054	0.00035	ND	0.004	0.00026	ND	0.0038	0.00024	ND	0.2	0.013	ND	0.22	0.015
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	ND	0.0069	0.0002	ND	0.0059	0.00017	ND	0.0057	0.00016	ND	0.0077	0.00022	ND	0.0057	0.00016	ND	0.0054	0.00015	ND	0.29	0.0083	ND	0.32	0.0092
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	ND	0.0069	0.00019	ND	0.0059	0.00016	ND	0.0057	0.00015	ND	0.0077	0.00021	ND	0.0057	0.00015	ND	0.0054	0.00014	ND	0.29	0.0078	ND	0.32	0.0087
1,3-Dichloropropane	142-28-9		mg/kg	ND	0.0069	0.0002	ND	0.0059	0.00017	ND	0.0057	0.00017	ND	0.0077	0.00022	ND	0.0057	0.00016	ND	0.0054	0.00016	ND	0.29	0.0084	ND	0.32	0.0093
1,3-Dichloropropene, Total	542-75-6		mg/kg	ND	0.0014	0.00016	ND	0.0012	0.00014	ND	0.0011	0.00013	ND	0.0015	0.00018	ND	0.0011	0.00013	ND	0.0011	0.00013	ND	0.058	0.0068	ND	0.064	0.0076
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	ND	0.0069	0.00019	ND	0.0059	0.00016	ND	0.0057	0.00016	ND	0.0077	0.00021	ND	0.0057	0.00016	ND	0.0054	0.00015	ND	0.29	0.008	ND	0.32	0.0089
1,4-Diethylbenzene	105-05-5		mg/kg	ND	0.0055	0.00022	ND	0.0047	0.00019	ND	0.0046	0.00018	ND	0.0062	0.00025	ND	0.0046	0.00018	ND	0.0043	0.00017	ND	0.23	0.0092	ND	0.26	0.01
1,4-Dioxane	123-91-1	0.1	mg/kg	ND	0.14	0.02	ND	0.12	0.017	ND	0.11	0.016	ND	0.15	0.022	ND	0.11	0.016	ND	0.11	0.016	ND	5.8	0.83	ND	6.4	0.93
2,2-Dichloropropane	594-20-7		mg/kg	ND	0.0069	0.00031	ND	0.0059	0.00027	ND	0.0057	0.00026	ND	0.0077	0.00035	ND	0.0057	0.00026	ND	0.0054	0.00024	ND	0.29	0.013	ND	0.32	0.014
2-Butanone	78-93-3	0.12	mg/kg	ND	0.014	0.00038	ND	0.012	0.00032	ND	0.011	0.00031	ND	0.015	0.00042	ND	0.011	0.00031	ND	0.011	0.00029	ND	0.58	0.016	ND	0.64	0.017
2-Hexanone	591-78-6		mg/kg	ND	0.014	0.00092	ND	0.012	0.00079	ND	0.011	0.00076	ND	0.015	0.001	ND	0.011	0.00076	ND	0.011	0.00072	ND	0.58	0.038	ND	0.64	0.043
4-Ethyltoluene	622-96-8		mg/kg	ND	0.0055	0.00017	ND	0.0047	0.00015	ND	0.0046	0.00014	ND	0.0062	0.00019	ND	0.0046	0.00014	ND	0.0043	0.00013	ND	0.23	0.0072	ND	0.26	0.008
4-Methyl-2-pentanone	108-10-1		mg/kg	ND	0.014	0.00034	ND	0.012	0.00029	ND	0.011	0.00028	ND	0.015	0.00038	ND	0.011	0.00028	ND	0.011	0.00026	ND	0.58	0.014	ND	0.64	0.016
Acetone	67-64-1	0.05	mg/kg	0.0033J	0.014	0.0014	0.0024J	0.012	0.0012	ND	0.011	0.0012	0.0034J	0.015	0.0016	0.0079J	0.011	0.0012	0.0027J	0.011	0.0011	ND	0.58	0.06	ND	0.64	0.067
Acrylonitrile	107-13-1		mg/kg	ND	0.014	0.00071	ND	0.012	0.00061	ND	0.011	0.00059	ND	0.015	0.00079	ND	0.011	0.00058	ND	0.011	0.00055	ND	0.58	0.03	ND	0.64	0.033
Benzene	71-43-2	0.06	mg/kg	ND	0.0014	0.00016	ND	0.0012	0.00014	ND	0.0011	0.00014	ND	0.0015	0.00018	ND	0.0011	0.00013	ND	0.0011	0.00013	ND	0.058	0.0068	ND	0.064	0.0076
Bromobenzene	108-86-1		mg/kg	ND	0.0069	0.00029	ND	0.0059	0.00025	ND	0.0057	0.00024	ND	0.0077	0.00032	ND	0.0057	0.00024	ND	0.0054	0.00022	ND	0.29	0.012	ND	0.32	0.013
Bromochloromethane	74-97-5		mg/kg	ND	0.0069	0.00038	ND	0.0059	0.00033	ND	0.0057	0.00032	ND	0.0077	0.00042	ND	0.0057	0.00031	ND	0.0054	0.0003	ND	0.29	0.016	ND	0.32	0.018
Bromodichloromethane	75-27-4		mg/kg	ND	0.0014	0.00024	ND	0.0012	0.0002	ND	0.0011	0.0002	ND	0.0015	0.00027	ND	0.0011	0.0002	ND	0.0011	0.00019	ND	0.058	0.01	ND	0.064	0.011
Bromoform	75-25-2		mg/kg	ND	0.0055	0.00032	ND	0.0047	0.00028	ND	0.0046	0.00027	ND	0.0062	0.00036	ND	0.0046	0.00027	ND	0.0043	0.00025	ND	0.23	0.014	ND	0.26	0.015
Bromomethane	74-83-9		mg/kg	ND	0.0028	0.00047	ND	0.0024	0.0004	ND	0.0023	0.00039	ND	0.0031	0.00052	ND	0.0023	0.00038	ND	0.0022	0.00036	0.027J	0.12	0.02	0.023J	0.13	0.022
Carbon disulfide	75-15-0		mg/kg	ND	0.014	0.0015	ND	0.012	0.0013	ND	0.011	0.0013	ND	0.015	0.0017	ND	0.011	0.0012	ND	0.011	0.0012	ND	0.58	0.064	ND	0.64	0.071
Carbon tetrachloride	56-23-5	0.76	mg/kg	ND	0.0014	0.00029	ND	0.0012	0.00025	ND	0.0011	0.00024	ND	0.0015	0.00032	ND	0.0011	0.00024	ND	0.0011	0.00022	ND	0.058	0.012	ND	0.064	0.014
Chlorobenzene	108-90-7	1.1	mg/kg	ND	0.0014	0.00048	ND	0.0012	0.00041	ND	0.0011	0.0004	ND	0.0015	0.00054	ND	0.0011	0.0004	ND	0.0011	0.00037	ND	0.058	0.02	ND	0.064	0.022
Chloroethane	75-00-3		mg/kg	ND	0.0028	0.00044	ND	0.0024	0.00037	ND	0.0023	0.00036	ND	0.0031	0.00049	ND	0.0023	0.00036	ND	0.0022	0.00034	ND	0.12	0.018	ND	0.13	0.02
Chloroform	67-66-3	0.37	mg/kg	ND	0.0021	0.00051	ND	0.0018	0.00044	ND	0.0017	0.00042	ND	0.0023	0.00057	ND	0.0017	0.00042	ND	0.0016	0.0004	ND	0.087	0.021	ND	0.096	0.024
Chloromethane	74-87-3		mg/kg	ND	0.0069	0.0004	ND	0.0059	0.00035	ND	0.0057	0.00034	ND	0.0077	0.00045	ND	0.0057	0.00033	ND	0.0054	0.00032	ND	0.29	0.017	ND	0.32	0.019
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	ND	0.0014	0.0002	ND	0.0012	0.00017	ND	0.0011	0.00016	ND	0.0015	0.00022	ND	0.0011	0.00016	ND	0.0011	0.00015	ND	0.058	0.0082	ND	0.064	0.0092
cis-1,3-Dichloropropene	10061-01-5		mg/kg	ND	0.0014	0.00016	ND	0.0012	0.00014	ND	0.0011	0.00013	ND	0.0015	0.00018	ND	0.0011	0.00013	ND	0.0011	0.00013	ND	0.058	0.0068	ND	0.064	0.0076
Dibromochloromethane	124-48-1		mg/kg	ND	0.0014	0.00021	ND	0.0012	0.00018	ND	0.0011	0.00018	ND	0.0015	0.00024	ND	0.0011	0.00017	ND	0.0011	0.00016	ND	0.058	0.0089	ND	0.064	0.0099
Dibromomethane	74-95-3		mg/kg	ND	0.014	0.00022	ND	0.012	0.00019	ND	0.011	0.00019	ND	0.015	0.00025	ND	0.011	0.00019	ND	0.011	0.00018	ND	0.58	0.0095	ND	0.64	0.01
Dichlorodifluoromethane	75-71-8		mg/kg	ND	0.014	0.00026	ND	0.012	0.00022	ND	0.011	0.00022	ND	0.015	0.00029	ND	0.011	0.00022	ND	0.011	0.0002	ND	0.58	0.011	ND	0.64	0.012
Ethyl ether	60-29-7		mg/kg	ND	0.0069	0.00036	ND	0.0059	0.00031	ND	0.0057	0.0003	ND	0.0077	0.0004	ND	0.0057	0.0003	ND	0.0054	0.00028	ND	0.29	0.015	ND	0.32	0.017
Ethylbenzene	100-41-4	1	mg/kg	ND	0.0014	0.00018	ND	0.0012	0.00015	ND	0.0011	0.00015	ND	0.0015	0.0002	ND	0.0011	0.00014	ND	0.0011	0.00014	ND	0.058	0.0074	ND	0.064	0.0082
Hexachlorobutadiene	87-68-3		mg/kg	ND	0.0069	0.00031	ND	0.0059	0.00027	ND	0.0057	0.00026	ND	0.0077	0.00035	ND	0.0057	0.00026	ND	0.0054	0.00024	ND	0.29	0.013	ND	0.32	0.015
Isopropylbenzene	98-82-8		mg/kg	ND	0.0014	0.00014	ND	0.0012	0.00012	ND	0.0011	0.00012	ND	0.0015	0.00016	ND	0.0011	0.00012	ND	0.0011	0.00011	ND	0.058	0.006	ND	0.064	0.0067
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	ND	0.0028	0.00012	ND	0.0024	0.0001	ND	0.0023	0.0001	ND	0.0031	0.00013	ND	0.0023	0.0001	ND	0.0022	0.00009	ND	0.12	0.0049	ND	0.13	0.0054
Methylene chloride	75-09-2	0.05	mg/kg	ND	0.014	0.0015	ND	0.012	0.0013	ND	0.011	0.0013	ND	0.015	0.0017	ND	0.011	0.0012	ND	0.011	0.0012	ND	0.58	0.064	ND	0.64	0.071
n-Butylbenzene	104-51-8	12	mg/kg	ND	0.0014	0.00016	ND	0.0012	0.00014	ND	0.0011	0.00013	ND	0.0015	0.00018	ND	0.0011	0.00013	ND	0.0011	0.00012	ND	0.058	0.0066	ND	0.064	0.0074
n-Propylbenzene	103-65-1	3.9	mg/kg	ND	0.0014	0.00015	ND	0.0012	0.00013	ND	0.0011	0.00012	ND	0.0015	0.00017	ND	0.0011	0.00012	ND	0.0011	0.00012	ND	0.058	0.0063	ND	0.064	0.007
Naphthalene	91-20-3	12	mg/kg	ND	0.0069	0.00019	ND	0.0059	0.00016	ND	0.0057	0.00016	ND	0.0077	0.00021	ND	0.0057	0.00016	ND	0.0054	0.00015	0.049J	0.29	0.008	ND	0.32	0.0089
o-Chlorotoluene	95-49-8		mg/kg	ND	0.0069	0.00022	ND	0.0059	0.00019	ND	0.0057	0.00018	ND	0.0077	0.00025	ND	0.0057	0.00018	ND	0.0054	0.00017	ND	0.29	0.0092	ND	0.32	0.01
o-Xylene	95-47-6		mg/kg	ND	0.0028	0.00024	ND	0.0024	0.0002	ND	0.0023	0.0002	ND	0.0031	0.00026	ND	0.0023	0.0002	ND	0.0022	0.00018	ND	0.12	0.0099	ND	0.13	0.011
p-Chlorotoluene	106-43-4		mg/kg	ND	0.0069	0.00018	ND	0.0059	0.00016	ND	0.0057	0.00015	ND	0.0077	0.0002	ND	0.0057	0.00015	ND	0.0054	0.00014	ND	0.29	0.0077	ND	0.32	0.0085
p-Isopropyltoluene	99-87-6		mg/kg	ND	0.0014	0.00017	ND	0.0012	0.00015	ND	0.0011	0.00014	ND	0.0015	0.00019	ND	0.0011	0.00014	ND	0.0011	0.00013	ND	0.058	0.0072	ND	0.064	0.008
p/m-Xylene	179601-23-1		mg/kg	ND	0.0028	0.00027	ND	0.0024	0.00023	ND	0.0023	0.00023	ND	0.0031	0.0003	ND	0.0023	0.00022	ND	0.0022	0.00021	ND	0.12	0.011	ND	0.13	0.013

Table 1 - Soil Analytical Data Summary

LOCATION				SB-1-0-8			SB-1-8-11			SB-1-11-14			SB-1-0-8			SB-1-8-9			SB-1-14			SB-1-18			SB-1-19		
SAMPLING DATE				1/15/2015			1/15/2015			1/15/2015			1/15/2015			1/15/2015			1/15/2015			1/15/2015			1/15/2015		
LAB SAMPLE ID				L1500957-01			L1500957-03			L1500957-02			L1500957-04			L1500957-05			L1500957-06			L1500957-07			L1500957-08		
SAMPLE TYPE				SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
SAMPLE DEPTH (ft.)				0.0-8.0			8.0-11.0			11.0-14.0			0.0-8.0			8.0-9.0			13.5-14.0			17.5-18.0			18.0-18.5		
	CasNum	NY-UNRES	Units	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL
sec-Butylbenzene	135-98-8	11	mg/kg	ND	0.0014	0.00017	ND	0.0012	0.00014	ND	0.0011	0.00014	ND	0.0015	0.00019	ND	0.0011	0.00014	ND	0.0011	0.00013	ND	0.058	0.007	ND	0.064	0.0078
Styrene	100-42-5		mg/kg	ND	0.0028	0.00055	ND	0.0024	0.00048	ND	0.0023	0.00046	ND	0.0031	0.00062	ND	0.0023	0.00046	ND	0.0022	0.00043	ND	0.12	0.023	ND	0.13	0.026
tert-Butylbenzene	98-06-6	5.9	mg/kg	ND	0.0069	0.00019	ND	0.0059	0.00016	ND	0.0057	0.00016	ND	0.0077	0.00021	ND	0.0057	0.00015	ND	0.0054	0.00014	ND	0.29	0.0078	ND	0.32	0.0087
Tetrachloroethene	127-18-4	1.3	mg/kg	ND	0.0014	0.00019	ND	0.0012	0.00016	ND	0.0011	0.00016	ND	0.0015	0.00022	ND	0.0011	0.00016	ND	0.0011	0.00015	ND	0.058	0.0081	ND	0.064	0.009
Toluene	108-88-3	0.7	mg/kg	ND	0.0021	0.00027	ND	0.0018	0.00023	ND	0.0017	0.00022	ND	0.0023	0.0003	ND	0.0017	0.00022	ND	0.0016	0.00021	ND	0.087	0.011	ND	0.096	0.012
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	ND	0.0021	0.00029	ND	0.0018	0.00025	ND	0.0017	0.00024	ND	0.0023	0.00033	ND	0.0017	0.00024	ND	0.0016	0.00023	ND	0.087	0.012	ND	0.096	0.014
trans-1,3-Dichloropropene	10061-02-6		mg/kg	ND	0.0014	0.00017	ND	0.0012	0.00014	ND	0.0011	0.00014	ND	0.0015	0.00019	ND	0.0011	0.00014	ND	0.0011	0.00013	ND	0.058	0.007	ND	0.064	0.0078
trans-1,4-Dichloro-2-butene	110-57-6		mg/kg	ND	0.0069	0.00054	ND	0.0059	0.00046	ND	0.0057	0.00045	ND	0.0077	0.0006	ND	0.0057	0.00045	ND	0.0054	0.00042	ND	0.29	0.023	ND	0.32	0.025
Trichloroethene	79-01-6	0.47	mg/kg	ND	0.0014	0.00017	ND	0.0012	0.00015	ND	0.0011	0.00014	ND	0.0015	0.00019	ND	0.0011	0.00014	ND	0.0011	0.00013	ND	0.058	0.0072	ND	0.064	0.008
Trichlorofluoromethane	75-69-4		mg/kg	ND	0.0069	0.00054	ND	0.0059	0.00046	ND	0.0057	0.00044	ND	0.0077	0.0006	ND	0.0057	0.00044	ND	0.0054	0.00042	ND	0.29	0.022	ND	0.32	0.025
Vinyl acetate	108-05-4		mg/kg	ND	0.014	0.00018	ND	0.012	0.00016	ND	0.011	0.00015	ND	0.015	0.0002	ND	0.011	0.00015	ND	0.011	0.00014	ND	0.58	0.0076	ND	0.64	0.0085
Vinyl chloride	75-01-4	0.02	mg/kg	ND	0.0028	0.00016	ND	0.0024	0.00014	ND	0.0023	0.00013	ND	0.0031	0.00018	ND	0.0023	0.00013	ND	0.0022	0.00013	ND	0.12	0.0068	ND	0.13	0.0076
Xylene (Total)	1330-20-7	0.26	mg/kg	ND	0.0028	0.00024	ND	0.0024	0.0002	ND	0.0023	0.0002	ND	0.0031	0.00026	ND	0.0023	0.0002	ND	0.0022	0.00018	ND	0.12	0.0099	ND	0.13	0.011

NOTES:
NY-UNRES = New York Unrestricted use Criteria current as of 5/2007
RL = Reporting Limit
MDL = Method Detection Limit
ND = Not Detect
J = Estimated value. The Target Analyte concentration is below the quantitation limit (RL), but above the MDL
RL Exceeds Standard
Exceeds Standard

Table 2 - Soil Analytical Data Summary

LOCATION				SB-2-11			SB-2-15			SB-2-17			SB-2-20			SB-2-0-10			SB-2-11-13			SB-2-16-20		
SAMPLING DATE				1/21/2015			1/21/2015			1/21/2015			1/21/2015			1/21/2015			1/21/2015			1/21/2015		
LAB SAMPLE ID				L1501439-01			L1501439-02			L1501439-03			L1501439-04			L1501439-05			L1501439-06			L1501439-07		
SAMPLE TYPE				SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
SAMPLE DEPTH (ft.)				11.5-12.0			14.5-15.0			17.0-17.5			19.5-20.0			0.0-10.0			11.0-13.0			16.0-20.0		
	CasNum	NY-UNRES	Units		RL	MDL		RL	MDL		RL	MDL		RL	MDL		RL	MDL		RL	MDL		RL	MDL
Gasoline Range Organics - Westborough Lab																								
Gasoline Range Organics	NONE		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	2.9	0.057	ND	2.6	0.051	ND	2.7	0.053
General Chemistry - Westborough Lab																								
Paint Filter Liquid	PFLT		-	-	-	-	-	-	-	-	-	-	-	-	-	NEGATIVE	0	NA	NEGATIVE	0	NA	NEGATIVE	0	NA
Solids, Total	NONE		%	93.1	0.1	NA	98	0.1	NA	82.3	0.1	NA	87	0.1	NA	84.9	0.1	NA	94.8	0.1	NA	91.2	0.1	NA
Petroleum Hydrocarbon Quantitation - Westborough Lab																								
TPH	NONE		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	28.6J	39.1	2.66	14.8J	34.1	2.33	16.1J	34.7	2.37
Polychlorinated Biphenyls by GC - Westborough Lab																								
Aroclor 1016	12674-11-2	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.0383	0.00303	ND	0.03	0.0027	ND	0.0353	0.00279
Aroclor 1221	11104-28-2	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.0383	0.00354	ND	0.03	0.00315	ND	0.0353	0.00325
Aroclor 1232	11141-16-5	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.0383	0.00449	ND	0.03	0.004	ND	0.0353	0.00413
Aroclor 1242	53469-21-9	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.0318J	0.0383	0.00469	ND	0.03	0.00418	ND	0.0353	0.00432
Aroclor 1248	12672-29-6	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.0383	0.00324	ND	0.03	0.00288	ND	0.0353	0.00298
Aroclor 1254	11097-69-1	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.083	0.0383	0.00315	ND	0.03	0.00281	ND	0.0353	0.0029
Aroclor 1260	11096-82-5	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.0242J	0.0383	0.00292	ND	0.03	0.0026	ND	0.0353	0.00269
Aroclor 1262	37324-23-5	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.0383	0.0019	ND	0.03	0.00169	ND	0.0353	0.00175
Aroclor 1268	11100-14-4	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.0383	0.00556	ND	0.03	0.00495	ND	0.0353	0.00512
PCBs, Total	1336-36-3		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.139J	0.0383	0.0019	ND	0.03	0.00169	ND	0.0353	0.00175
Semivolatile Organics by GC/MS - Westborough Lab																								
1,2,4,5-Tetrachlorobenzene	95-94-3		mg/kg	ND	0.17	0.054	ND	0.16	0.051	ND	0.2	0.061	ND	0.19	0.059	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	120-82-1		mg/kg	ND	0.17	0.057	ND	0.16	0.054	ND	0.2	0.064	ND	0.19	0.062	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	ND	0.17	0.057	ND	0.16	0.054	ND	0.2	0.064	ND	0.19	0.062	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	ND	0.17	0.055	ND	0.16	0.052	ND	0.2	0.062	ND	0.19	0.06	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	ND	0.17	0.053	ND	0.16	0.05	ND	0.2	0.06	ND	0.19	0.058	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	95-95-4		mg/kg	ND	0.17	0.057	ND	0.16	0.053	ND	0.2	0.064	ND	0.19	0.061	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	88-06-2		mg/kg	ND	0.1	0.033	ND	0.099	0.031	ND	0.12	0.037	ND	0.11	0.036	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	120-83-2		mg/kg	ND	0.16	0.057	ND	0.15	0.053	ND	0.18	0.064	ND	0.17	0.061	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	105-67-9		mg/kg	ND	0.17	0.052	ND	0.16	0.049	ND	0.2	0.058	ND	0.19	0.056	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	51-28-5		mg/kg	ND	0.84	0.24	ND	0.79	0.22	ND	0.94	0.27	ND	0.91	0.26	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	121-14-2		mg/kg	ND	0.17	0.038	ND	0.16	0.036	ND	0.2	0.042	ND	0.19	0.041	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	606-20-2		mg/kg	ND	0.17	0.045	ND	0.16	0.042	ND	0.2	0.05	ND	0.19	0.048	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	91-58-7		mg/kg	ND	0.17	0.057	ND	0.16	0.054	ND	0.2	0.064	ND	0.19	0.062	ND	0.19	0.063	ND	0.17	0.057	ND	0.18	0.059
2-Chlorophenol	95-57-8		mg/kg	ND	0.17	0.053	ND	0.16	0.05	ND	0.2	0.059	ND	0.19	0.057	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	91-57-6		mg/kg	ND	0.21	0.056	ND	0.2	0.053	ND	0.24	0.063	ND	0.23	0.06	ND	0.23	0.062	ND	0.21	0.056	ND	0.22	0.058
2-Methylphenol	95-48-7	0.33	mg/kg	ND	0.17	0.056	ND	0.16	0.053	ND	0.2	0.063	ND	0.19	0.061	-	-	-	-	-	-	-	-	-
2-Nitroaniline	88-74-4		mg/kg	ND	0.17	0.049	ND	0.16	0.046	ND	0.2	0.055	ND	0.19	0.053	-	-	-	-	-	-	-	-	-
2-Nitrophenol	88-75-5		mg/kg	ND	0.38	0.054	ND	0.36	0.051	ND	0.42	0.061	ND	0.41	0.059	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	91-94-1		mg/kg	ND	0.17	0.046	ND	0.16	0.044	ND	0.2	0.052	ND	0.19	0.05	-	-	-	-	-	-	-	-	-
3-Methylphenol/4-Methylphenol	108-39-4	0.33	mg/kg	ND	0.25	0.057	ND	0.24	0.054	ND	0.28	0.064	ND	0.27	0.062	-	-	-	-	-	-	-	-	-
3-Nitroaniline	99-09-2		mg/kg	ND	0.17	0.048	ND	0.16	0.045	ND	0.2	0.054	ND	0.19	0.052	-	-	-	-	-	-	-	-	-
4,6-Dinitro-o-cresol	534-52-1		mg/kg	ND	0.45	0.064	ND	0.43	0.06	ND	0.51	0.072	ND	0.49	0.069	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	101-55-3		mg/kg	ND	0.17	0.04	ND	0.16	0.038	ND	0.2	0.045	ND	0.19	0.044	-	-	-	-	-	-	-	-	-
4-Chloroaniline	106-47-8		mg/kg	ND	0.17	0.046	ND	0.16	0.043	ND	0.2	0.052	ND	0.19	0.05	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	7005-72-3		mg/kg	ND	0.17	0.053	ND	0.16	0.05	ND	0.2	0.06	ND	0.19	0.058	-	-	-	-	-	-	-	-	-
4-Nitroaniline	100-01-6		mg/kg	ND	0.17	0.047	ND	0.16	0.044	ND	0.2	0.053	ND	0.19	0.051	-	-	-	-	-	-	-	-	-
4-Nitrophenol	100-02-7		mg/kg	ND	0.24	0.057	ND	0.23	0.053	ND	0.28	0.064	ND	0.26	0.061	-	-	-	-	-	-	-	-	-
Acenaphthene	83-32-9	20	mg/kg	ND	0.14	0.036	ND	0.13	0.034	ND	0.16	0.04	ND	0.15	0.039	ND	0.16	0.04	ND	0.14	0.036	ND	0.14	0.037
Acenaphthylene	208-96-8	100	mg/kg	ND	0.14	0.033	ND	0.13	0.031	ND	0.16	0.037	ND	0.15	0.035	ND	0.16	0.036	ND	0.14	0.033	ND	0.14	0.034
Acetophenone	98-86-2		mg/kg	ND	0.17	0.054	ND	0.16	0.051	ND	0.2	0.061	ND	0.19	0.059	-	-	-	-	-	-	-	-	-
Anthracene	120-12-7	100	mg/kg	ND	0.1	0.029	ND	0.099	0.027	ND	0.12	0.033	ND	0.11	0.031	ND	0.12	0.032	ND	0.1	0.029	ND	0.11	0.03
Benzo(a)anthracene	56-55-3	1	mg/kg	ND	0.1	0.034	ND	0.099	0.032	ND	0.12	0.038	ND	0.11	0.037	0.12	0.12	0.038	ND	0.1	0.034	ND	0.11	0.035
Benzo(a)pyrene	50-32-8	1	mg/kg	ND	0.14	0.043	ND	0.13	0.04	ND	0.16	0.048	ND	0.15	0.046	0.12J	0.16	0.048	ND	0.14	0.043	ND	0.14	0.044
Benzo(b)fluoranthene	205-99-2	1	mg/kg	ND	0.1	0.035	ND	0.099	0.033	ND	0.12	0.04	ND	0.11	0.038	0.2	0.12	0.039	ND	0.1	0.035	ND	0.11	0.036
Benzo(ghi)perylene	191-24-2	100	mg/kg	ND	0.14	0.036	ND	0.13	0.034	ND	0.16	0.041	ND	0.15	0.039	0.11J	0.16	0.04	ND	0.14	0.036	ND	0.14	0.038
Benzo(k)fluoranthene	207-08-9	0.8	mg/kg	ND	0.1	0.033	ND	0.099	0.031	ND	0.12	0.038	ND	0.11	0.036	0.076J	0.12	0.037	ND	0.1	0.033	ND	0.11	0.034
Benzoic Acid	65-85-0		mg/kg	ND	0.57	0.18	ND	0.53	0.17	ND	0.64	0.2	ND	0.61	0.19	-	-	-	-	-	-	-	-	-
Benzyl Alcohol	100-51-6		mg/kg	ND	0.17	0.054	ND	0.16	0.051	ND	0.2	0.06	ND	0.19	0.058	-	-	-	-	-	-	-	-	-
Biphenyl	92-52-4		mg/kg	ND	0.4	0.058	ND	0.38	0.054	ND	0.45	0.065	ND	0.43	0.062	-	-	-	-	-	-	-	-	-
Bis(2-chloroethoxy)methane	111-91-1		mg/kg	ND	0.19	0.053	ND	0.18	0.05	ND	0.21	0.06	ND	0.2	0.057	-	-	-	-	-	-	-	-	-
Bis(2-chloroethyl)ether	111-44-4		mg/kg	ND	0.16	0.049	ND	0.15	0.046	ND	0.18	0.055	ND	0.17	0.053	-	-	-	-	-	-	-	-	-
Bis(2-chloroisopropyl)ether	108-60-1		mg/kg	ND	0.21	0.062	ND	0.2	0.058	ND	0.24	0.069	ND	0.23	0.067	-	-	-	-	-	-	-	-	-
Bis(2-Ethylhexyl)phthalate	117-81-7		mg/kg	ND	0.17	0.046	ND	0.16	0.043	ND	0.2	0.051	ND	0.19	0.05	-	-	-	-	-	-	-	-	-
Butyl benzyl phthalate	85-68-7		mg/kg	ND	0.17	0.034	ND	0.16	0.032	ND	0.2	0.038	ND	0.19	0.037	-	-	-	-	-	-	-	-	-
Carbazole	86-74-8		mg/kg	ND	0.17	0.038	ND	0.16	0.035	ND	0.2	0.042	ND	0.19	0.041	-	-	-	-	-	-	-	-	-
Chrysene	218-01-9	1	mg/kg	ND	0.1	0.034	ND	0.099	0.032	ND	0.12	0.039	ND	0.11	0.037	0.15	0.12	0.038	ND	0.1	0.034	ND	0.11	0.035
Di-n-butylphthalate	84-74-2		mg/kg	ND	0.17	0.034	ND	0.16	0.032	ND	0.2	0.038	ND	0.19	0.036	-	-	-	-	-	-	-	-	-
Di-n-octylphthalate	117-84-0		mg/kg	ND	0.17	0.043	ND	0.16	0.04	ND	0.2	0.048	ND	0.19	0.046	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	53-70-3	0.33	mg/kg	ND	0.1	0.034	ND	0.099	0.032	ND	0.12	0.038	ND	0.11	0.037	ND	0.12	0.038	ND	0.1	0.034	ND	0.11	0.035
Dibenzofuran	132-64-9	7	mg/kg	ND	0.17	0.058	ND	0.16	0.055	ND	0.2	0.066	ND	0.19	0.063	-	-	-	-	-	-	-	-	-
Diethyl phthalate	84-66-2		mg/kg	ND	0.17	0.037	ND	0.16	0.035	ND	0.2	0.042	ND	0.19	0.04	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	131-11-3		mg/kg	ND	0.17	0.044	ND	0.16	0.042	ND	0.2	0.05	ND	0.19	0.048	-	-	-	-	-	-	-	-	-
Fluoranthene	206-44-0	100	mg/kg	ND	0.1	0.032	ND	0.099	0.03	ND	0.12	0.036	ND	0.11	0.035	0.23	0.12	0.036	ND	0.1	0.032	ND	0.11	0.033
Fluorene	86-73-7	30	mg/kg	ND	0.17	0.05	ND	0.16	0.047	ND	0.2	0.056	ND	0.19	0.054	ND	0.19	0.056	ND	0.17	0.05	ND	0.18	0.052
Hexachlorobenzene	118-74-1	0.33	mg/kg	ND	0.1	0.033	ND	0.099	0.031	ND	0.12	0.037	ND	0.11	0.035	-	-	-	-	-	-	-	-	-

Table 2 - Soil Analytical Data Summary

LOCATION				SB-2-11			SB-2-15			SB-2-17			SB-2-20			SB-2-0-10			SB-2-11-13			SB-2-16-20		
SAMPLING DATE				1/21/2015			1/21/2015			1/21/2015			1/21/2015			1/21/2015			1/21/2015			1/21/2015		
LAB SAMPLE ID				L1501439-01			L1501439-02			L1501439-03			L1501439-04			L1501439-05			L1501439-06			L1501439-07		
SAMPLE TYPE				SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
SAMPLE DEPTH (ft.)				11.5-12.0			14.5-15.0			17.0-17.5			19.5-20.0			0.0-10.0			11.0-13.0			16.0-20.0		
	CasNum	NY-UNRES	Units		RL	MDL		RL	MDL		RL	MDL		RL	MDL		RL	MDL		RL	MDL		RL	MDL
Hexachlorobutadiene	87-68-3		mg/kg	ND	0.17	0.049	ND	0.16	0.046	ND	0.2	0.055	ND	0.19	0.053	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	77-47-4		mg/kg	ND	0.5	0.11	ND	0.47	0.1	ND	0.56	0.13	ND	0.54	0.12	-	-	-	-	-	-	-	-	-
Hexachloroethane	67-72-1		mg/kg	ND	0.14	0.032	ND	0.13	0.03	ND	0.16	0.036	ND	0.15	0.034	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	193-39-5	0.5	mg/kg	ND	0.14	0.039	ND	0.13	0.036	ND	0.16	0.044	ND	0.15	0.042	0.12J	0.16	0.043	ND	0.14	0.039	ND	0.14	0.04
Isophorone	78-59-1		mg/kg	ND	0.16	0.046	ND	0.15	0.044	ND	0.18	0.052	ND	0.17	0.05	-	-	-	-	-	-	-	-	-
n-Nitrosodi-n-propylamine	621-64-7		mg/kg	ND	0.17	0.052	ND	0.16	0.049	ND	0.2	0.058	ND	0.19	0.056	-	-	-	-	-	-	-	-	-
Naphthalene	91-20-3	12	mg/kg	ND	0.17	0.058	ND	0.16	0.055	ND	0.2	0.065	ND	0.19	0.063	ND	0.19	0.064	ND	0.17	0.058	ND	0.18	0.06
Nitrobenzene	98-95-3		mg/kg	ND	0.16	0.042	ND	0.15	0.039	ND	0.18	0.047	ND	0.17	0.045	-	-	-	-	-	-	-	-	-
NitrosoDiPhenylAmine(NDPA)/DPA	86-30-6		mg/kg	ND	0.14	0.037	ND	0.13	0.034	ND	0.16	0.041	ND	0.15	0.04	-	-	-	-	-	-	-	-	-
P-Chloro-M-Cresol	59-50-7		mg/kg	ND	0.17	0.051	ND	0.16	0.048	ND	0.2	0.057	ND	0.19	0.055	-	-	-	-	-	-	-	-	-
Pentachlorophenol	87-86-5	0.8	mg/kg	ND	0.14	0.037	ND	0.13	0.035	ND	0.16	0.042	ND	0.15	0.04	-	-	-	-	-	-	-	-	-
Phenanthrene	85-01-8	100	mg/kg	ND	0.1	0.034	ND	0.099	0.032	ND	0.12	0.038	ND	0.11	0.037	0.099J	0.12	0.038	ND	0.1	0.034	ND	0.11	0.035
Phenol	108-95-2	0.33	mg/kg	ND	0.17	0.052	ND	0.16	0.049	ND	0.2	0.058	ND	0.19	0.056	-	-	-	-	-	-	-	-	-
Pyrene	129-00-0	100	mg/kg	ND	0.1	0.034	ND	0.099	0.032	ND	0.12	0.038	ND	0.11	0.037	0.18	0.12	0.038	ND	0.1	0.034	ND	0.11	0.035
TCLP Metals by EPA 1311 - Westborough Lab																								
Arsenic, TCLP	7440-38-2		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	ND	1	0.02	0.04J	1	0.02	ND	1	0.02
Barium, TCLP	7440-39-3		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	0.48J	0.5	0.03	0.36J	0.5	0.03	0.18J	0.5	0.03
Cadmium, TCLP	7440-43-9		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	0.01J	0.1	0.01	ND	0.1	0.01	ND	0.1	0.01
Chromium, TCLP	7440-47-3		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.2	0.02	ND	0.2	0.02	ND	0.2	0.02
Lead, TCLP	7439-92-1		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	1	0.5	0.02	0.04J	0.5	0.02	0.04J	0.5	0.02
Mercury, TCLP	7439-97-6		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.001	0.0003	ND	0	0.0003	ND	0.001	0.0003
Selenium, TCLP	7782-49-2		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	0.05J	0.5	0.03	ND	0.5	0.03	ND	0.5	0.03
Silver, TCLP	7440-22-4		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.1	0.02	0.05J	0.1	0.02	0.02J	0.1	0.02
Total Metals - Westborough Lab																								
Aluminum, Total	7429-90-5		mg/kg	5700	8	1.6	1500	8.1	1.6	4900	9.5	1.9	3700	8.9	1.8	5600	9.1	1.8	4600	7.9	1.6	3500	8.7	1.7
Antimony, Total	7440-36-0		mg/kg	3.8J	4	0.64	ND	4	0.65	ND	4.8	0.76	ND	4.4	0.71	ND	4.6	0.73	ND	4	0.63	ND	4.3	0.69
Arsenic, Total	7440-38-2	13	mg/kg	2.2	0.8	0.16	0.26J	0.81	0.16	2	0.95	0.19	2.2	0.89	0.18	6.1	0.91	0.18	1.3	0.79	0.16	1.3	0.87	0.17
Barium, Total	7440-39-3	350	mg/kg	27	0.8	0.24	8.2	0.81	0.24	27	0.95	0.29	32	0.89	0.27	60	0.91	0.27	25	0.79	0.24	18	0.87	0.26
Beryllium, Total	7440-41-7	7.2	mg/kg	0.26J	0.4	0.08	0.09J	0.4	0.08	0.3J	0.48	0.1	0.25J	0.44	0.09	0.22J	0.46	0.09	0.23J	0.4	0.08	0.19J	0.43	0.09
Cadmium, Total	7440-43-9	2.5	mg/kg	ND	0.8	0.06	ND	0.81	0.06	ND	0.95	0.07	ND	0.89	0.06	0.11J	0.91	0.06	ND	0.79	0.06	ND	0.87	0.06
Calcium, Total	7440-70-2		mg/kg	740	8	2.4	270	8.1	2.4	1100	9.5	2.9	730	8.9	2.7	46000	9.1	2.7	830	7.9	2.4	1100	8.7	2.6
Chromium, Total	7440-47-3		mg/kg	9.3	0.8	0.16	2.9	0.81	0.16	13	0.95	0.19	10	0.89	0.18	7.1	0.91	0.18	9.8	0.79	0.16	7.7	0.87	0.17
Cobalt, Total	7440-48-4		mg/kg	4.9	1.6	0.4	1.2J	1.6	0.4	4.8	1.9	0.48	4.1	1.8	0.44	2.8	1.8	0.46	4.9	1.6	0.4	3.7	1.7	0.43
Copper, Total	7440-50-8	50	mg/kg	19	0.8	0.16	5.6	0.81	0.16	20	0.95	0.19	17	0.89	0.18	10	0.91	0.18	19	0.79	0.16	15	0.87	0.17
Iron, Total	7439-89-6		mg/kg	8200	4	1.6	2700	4	1.6	7700	4.8	1.9	6800	4.4	1.8	7700	4.6	1.8	8100	4	1.6	5900	4.3	1.7
Lead, Total	7439-92-1	63	mg/kg	3.9J	4	0.16	0.76J	4	0.16	2J	4.8	0.19	0.36J	4.4	0.18	58	4.6	0.18	1.4J	4	0.16	3.2J	4.3	0.17
Magnesium, Total	7439-95-4		mg/kg	2100	8	0.8	660	8.1	0.81	2500	9.5	0.95	2800	8.9	0.89	6300	9.1	0.91	2700	7.9	0.79	1700	8.7	0.87
Manganese, Total	7439-96-5	1600	mg/kg	320	0.8	0.16	110	0.81	0.16	550	0.95	0.19	480	0.89	0.18	330	0.91	0.18	250	0.79	0.16	260	0.87	0.17
Mercury, Total	7439-97-6	0.18	mg/kg	ND	0.07	0.01	ND	0.06	0.01	ND	0.08	0.02	ND	0.07	0.02	0.5	0.07	0.02	ND	0.07	0.02	ND	0.07	0.01
Nickel, Total	7440-02-0	30	mg/kg	9.1	2	0.32	3.2	2	0.32	12	2.4	0.38	16	2.2	0.36	8.6	2.3	0.36	14	2	0.32	9.8	2.2	0.35
Potassium, Total	7440-09-7		mg/kg	630	200	32	200	200	32	430	240	38	370	220	36	750	230	36	520	200	32	420	220	35
Selenium, Total	7782-49-2	3.9	mg/kg	ND	1.6	0.24	ND	1.6	0.24	ND	1.9	0.29	ND	1.8	0.27	0.64J	1.8	0.27	ND	1.6	0.24	ND	1.7	0.26
Silver, Total	7440-22-4	2	mg/kg	ND	0.8	0.16	0.2J	0.81	0.16	0.33J	0.95	0.19	ND	0.89	0.18	0.36J	0.91	0.18	ND	0.79	0.16	0.24J	0.87	0.17
Sodium, Total	7440-23-5		mg/kg	99J	160	24	28J	160	24	130J	190	29	90J	180	27	260	180	27	88J	160	24	110J	170	26
Thallium, Total	7440-28-0		mg/kg	ND	1.6	0.32	ND	1.6	0.32	ND	1.9	0.38	ND	1.8	0.36	ND	1.8	0.36	ND	1.6	0.32	ND	1.7	0.35
Vanadium, Total	7440-62-2		mg/kg	15	0.8	0.08	3.8	0.81	0.08	14	0.95	0.1	10	0.89	0.09	14	0.91	0.09	12	0.79	0.08	10	0.87	0.09
Zinc, Total	7440-66-6	109	mg/kg	15	4	0.56	4.4	4	0.56	14	4.8	0.67	12	4.4	0.62	50	4.6	0.64	14	4	0.56	12	4.3	0.61
Volatile Organics by 8260/5035 - Westborough Lab																								
1,1,1,2-Tetrachloroethane	630-20-6		mg/kg	ND	0.0012	0.00039	ND	0.0012	0.00038	ND	0.0012	0.00038	ND	0.0011	0.00036	ND	0.0013	0.00042	ND	0	0.00036	ND	0.0012	0.00037
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	ND	0.0012	0.00014	ND	0.0012	0.00013	ND	0.0012	0.00013	ND	0.0011	0.00013	ND	0.0013	0.00014	ND	0	0.00012	ND	0.0012	0.00013
1,1,2,2-Tetrachloroethane	79-34-5		mg/kg	ND	0.0012	0.00012	ND	0.0012	0.00012	ND	0.0012	0.00012	ND	0.0011	0.00012	ND	0.0013	0.00013	ND	0	0.00011	ND	0.0012	0.00012
1,1,2-Trichloroethane	79-00-5		mg/kg	ND	0.0018	0.00037	ND	0.0018	0.00036	ND	0.0018	0.00036	ND	0.0017	0.00035	ND	0.002	0.0004	ND	0	0.00034	ND	0.0017	0.00035
1,1-Dichloroethane	75-34-3	0.27	mg/kg	ND	0.0018	0.0001	ND	0.0018	0.0001	ND	0.0018	0.0001	ND	0.0017	0.0001	ND	0.002	0.00011	ND	0	0.0001	ND	0.0017	0.0001
1,1-Dichloroethene	75-35-4	0.33	mg/kg	ND	0.0012	0.00032	ND	0.0012	0.00031	ND	0.0012	0.00031	ND	0.0011	0.0003	ND	0.0013	0.00034	ND	0	0.00029	ND	0.0012	0.0003
1,1-Dichloropropene	563-58-6		mg/kg	ND	0.0061	0.00017	ND	0.0059	0.00017	ND	0.006	0.00017	ND	0.0057	0.00016	ND	0.0065	0.00018	ND	0.01	0.00016	ND	0.0058	0.00016
1,2,3-Trichlorobenzene	87-61-6		mg/kg	ND	0.0061	0.00018	ND	0.0059	0.00018	ND	0.006	0.00018	ND	0.0057	0.00017	ND	0.0065	0.00019	ND	0.01	0.00016	ND	0.0058	0.00017
1,2,3-Trichloropropane	96-18-4		mg/kg	ND	0.012	0.0002	ND	0.012	0.00019	ND	0.012	0.00019	ND	0.011	0.00019	ND	0.013	0.00021	ND	0.01	0.00018	ND	0.012	0.00019
1,2,4,5-Tetramethylbenzene	95-93-2		mg/kg	ND	0.0049	0.00016	ND	0.0047	0.00015	ND	0.0048	0.00016	ND	0.0046	0.00015	ND	0.0052	0.00017	ND	0	0.00015	ND	0.0047	0.00015
1,2,4-Trichlorobenzene	120-82-1		mg/kg	ND	0.0061	0.00022	ND	0.0059	0.00022	ND	0.006	0.00022	ND	0.0057	0.00021	ND	0.0065	0.00024	ND	0.01	0.0002	ND	0.0058	0.00021
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	ND	0.0061	0.00017	ND	0.0059	0.00017	ND	0.006	0.00017	ND	0.0057	0.00016	ND	0.0065	0.00018	ND	0.01	0.00016	ND	0.0058	0.00016
1,2-Dibromo-3-chloropropane	96-12-8		mg/kg	ND	0.0061	0.00048	ND	0.0059	0.00047	ND	0.006	0.00047	ND	0.0057	0.00046	ND	0.0065	0.00052	ND	0.01	0.00044	ND	0.0058	0.00046
1,2-Dibromoethane	106-93-4		mg/kg	ND	0.0049	0.00021	ND	0.0047	0.00021	ND	0.0048	0.00021	ND	0.0046	0.0002	ND	0.0052	0.00023	ND	0	0.0002	ND	0.0047	0.0002
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	ND	0.0061	0.00019	ND	0.0059	0.00018	ND	0.006	0.00018	ND	0.0057	0.00018	ND	0.0065	0.0002	ND	0.01	0.00017	ND	0.0058	0.00018
1,2-Dichloroethane	107-06-2	0.02	mg/kg	ND	0.0012	0.00014	ND	0.0012	0.00013	ND	0.0012	0.00014	ND	0.0011	0.00013	ND	0.0013	0.00015	ND	0	0.00013	ND	0.0012	0.00013
1,2-Dichloroethene (total)	540-59-0		mg/kg	ND	0.0012	0.00017	ND	0.0012	0.00017	ND	0.0012	0.00017	ND	0.0011	0.00016	ND	0.0013	0.00019	ND	0	0.00016	ND	0.0012	0.00017
1,2-Dichloropropane	78-87-5		mg/kg	ND	0.0043	0.00028	ND	0.0042	0.00027	ND	0.0042	0.00027	ND	0.004	0.00026	ND	0.0046	0.0003	ND	0	0.00026	ND	0.0041	0.00026
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	ND	0.0061	0.00018	ND	0.0059	0.00017	ND	0.006	0.00017	ND	0.0057	0.00016	ND	0.0065	0.00019	ND	0.01	0.00016	ND	0.0058	0.00017
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	ND	0.0061	0.00016	ND	0.0059	0.00016	ND	0.006	0.00016	ND	0.0057	0.00016	ND	0.0065	0.00018	ND	0.01	0.00015	ND	0.0058	0.00016
1,3-Dichloropropane	142-28-9		mg/kg	ND	0.0061	0.00018	ND	0.0059	0.00017	ND	0.006	0.00017	ND	0.0057	0.00017	ND	0.0065	0.00019	ND	0.01	0.00016	ND	0.0058	0.00017
1,3-Dichloropropene, Total	542-75-6		mg/kg	ND	0.0012	0.00014	ND	0.0012	0.00014	ND	0.0012	0.00014	ND	0.0011	0.00014	ND	0.0013	0.00015	ND	0	0.00013	ND	0.0012	0.00014
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	ND	0.0061	0.00017	ND	0.0059	0.00016	ND	0.006	0.00016	ND	0.0057	0.00016	ND	0.0065	0.00018	ND	0.01	0.00016	ND	0.0058	0.00016
1,4-Diethylbenzene	105-05-5		mg/kg	ND	0.0049	0.0002	ND	0.0047	0.00019	ND	0.0048	0.00019	ND	0.0046	0.00018	ND	0.0052	0.00021	ND	0	0.00018	ND	0.0047	0.00019
1,4-Dioxane	123-91-1	0.1	mg/kg	ND	0.12	0.018	ND	0.12	0.017	ND	0.12	0.017	ND	0.11	0.016	ND	0.13	0.019	ND	0.11	0.016	ND	0.12	0.017
2,2-Dichloropropane	594-20-7		mg/kg	ND	0.0061	0.00028	ND	0.0059	0.00027	ND	0.006	0.00027	ND	0.0057	0.00026	ND	0.0065	0.0003	ND	0.01	0.00025	ND	0.0058	0.00026

Table 2 - Soil Analytical Data Summary

LOCATION				SB-2-11			SB-2-15			SB-2-17			SB-2-20			SB-2-0-10			SB-2-11-13			SB-2-16-20		
SAMPLING DATE				1/21/2015			1/21/2015			1/21/2015			1/21/2015			1/21/2015			1/21/2015			1/21/2015		
LAB SAMPLE ID				L1501439-01			L1501439-02			L1501439-03			L1501439-04			L1501439-05			L1501439-06			L1501439-07		
SAMPLE TYPE				SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
SAMPLE DEPTH (ft.)				11.5-12.0			14.5-15.0			17.0-17.5			19.5-20.0			0.0-10.0			11.0-13.0			16.0-20.0		
	CasNum	NY-UNRES	Units		RL	MDL		RL	MDL		RL	MDL		RL	MDL		RL	MDL		RL	MDL		RL	MDL
2-Butanone	78-93-3	0.12	mg/kg	ND	0.012	0.00033	ND	0.012	0.00032	ND	0.012	0.00032	ND	0.011	0.00031	ND	0.013	0.00036	ND	0.01	0.0003	ND	0.012	0.00032
2-Hexanone	591-78-6		mg/kg	ND	0.012	0.00081	ND	0.012	0.00079	ND	0.012	0.00079	ND	0.011	0.00076	ND	0.013	0.00087	ND	0.01	0.00075	ND	0.012	0.00078
4-Ethyltoluene	622-96-8		mg/kg	ND	0.0049	0.00015	ND	0.0047	0.00015	ND	0.0048	0.00015	ND	0.0046	0.00014	ND	0.0052	0.00016	ND	0	0.00014	ND	0.0047	0.00014
4-Methyl-2-pentanone	108-10-1		mg/kg	ND	0.012	0.0003	ND	0.012	0.00029	ND	0.012	0.00029	ND	0.011	0.00028	ND	0.013	0.00032	ND	0.01	0.00027	ND	0.012	0.00028
Acetone	67-64-1	0.05	mg/kg	ND	0.012	0.0013	ND	0.012	0.0012	ND	0.012	0.0012	ND	0.011	0.0012	0.0021J	0.013	0.0014	0.0033J	0.01	0.0012	0.0031J	0.012	0.0012
Acrylonitrile	107-13-1		mg/kg	ND	0.012	0.00063	ND	0.012	0.00061	ND	0.012	0.00061	ND	0.011	0.00059	ND	0.013	0.00067	ND	0.01	0.00058	ND	0.012	0.0006
Benzene	71-43-2	0.06	mg/kg	ND	0.0012	0.00014	ND	0.0012	0.00014	ND	0.0012	0.00014	ND	0.0011	0.00014	ND	0.0013	0.00015	ND	0	0.00013	ND	0.0012	0.00014
Bromobenzene	108-86-1		mg/kg	ND	0.0061	0.00025	ND	0.0059	0.00025	ND	0.006	0.00025	ND	0.0057	0.00024	ND	0.0065	0.00027	ND	0.01	0.00023	ND	0.0058	0.00024
Bromochloromethane	74-97-5		mg/kg	ND	0.0061	0.00034	ND	0.0059	0.00033	ND	0.006	0.00033	ND	0.0057	0.00032	ND	0.0065	0.00036	ND	0.01	0.00031	ND	0.0058	0.00032
Bromodichloromethane	75-27-4		mg/kg	ND	0.0012	0.00021	ND	0.0012	0.0002	ND	0.0012	0.00021	ND	0.0011	0.0002	ND	0.0013	0.00023	ND	0	0.00019	ND	0.0012	0.0002
Bromoform	75-25-2		mg/kg	ND	0.0049	0.00029	ND	0.0047	0.00028	ND	0.0048	0.00028	ND	0.0046	0.00027	ND	0.0052	0.00031	ND	0	0.00026	ND	0.0047	0.00028
Bromomethane	74-83-9		mg/kg	ND	0.0024	0.00041	ND	0.0024	0.0004	ND	0.0024	0.0004	ND	0.0023	0.00039	ND	0.0026	0.00044	ND	0	0.00038	ND	0.0023	0.00039
Carbon disulfide	75-15-0		mg/kg	ND	0.012	0.0013	ND	0.012	0.0013	ND	0.012	0.0013	ND	0.011	0.0013	ND	0.013	0.0014	ND	0.01	0.0012	ND	0.012	0.0013
Carbon tetrachloride	56-23-5	0.76	mg/kg	ND	0.0012	0.00026	ND	0.0012	0.00025	ND	0.0012	0.00025	ND	0.0011	0.00024	ND	0.0013	0.00027	ND	0	0.00024	ND	0.0012	0.00024
Chlorobenzene	108-90-7	1.1	mg/kg	ND	0.0012	0.00042	ND	0.0012	0.00041	ND	0.0012	0.00041	ND	0.0011	0.0004	ND	0.0013	0.00046	ND	0	0.00039	ND	0.0012	0.0004
Chloroethane	75-00-3		mg/kg	ND	0.0024	0.00038	ND	0.0024	0.00037	ND	0.0024	0.00038	ND	0.0023	0.00036	ND	0.0026	0.00041	ND	0	0.00035	ND	0.0023	0.00037
Chloroform	67-66-3	0.37	mg/kg	ND	0.0018	0.00045	ND	0.0018	0.00044	ND	0.0018	0.00044	ND	0.0017	0.00042	ND	0.002	0.00048	ND	0	0.00042	ND	0.0017	0.00043
Chloromethane	74-87-3		mg/kg	ND	0.0061	0.00036	ND	0.0059	0.00035	ND	0.006	0.00035	ND	0.0057	0.00034	ND	0.0065	0.00038	ND	0.01	0.00033	ND	0.0058	0.00034
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	ND	0.0012	0.00017	ND	0.0012	0.00017	ND	0.0012	0.00017	ND	0.0011	0.00016	ND	0.0013	0.00019	ND	0	0.00016	ND	0.0012	0.00017
cis-1,3-Dichloropropene	10061-01-5		mg/kg	ND	0.0012	0.00014	ND	0.0012	0.00014	ND	0.0012	0.00014	ND	0.0011	0.00014	ND	0.0013	0.00015	ND	0	0.00013	ND	0.0012	0.00014
Dibromochloromethane	124-48-1		mg/kg	ND	0.0012	0.00019	ND	0.0012	0.00018	ND	0.0012	0.00018	ND	0.0011	0.00018	ND	0.0013	0.0002	ND	0	0.00017	ND	0.0012	0.00018
Dibromomethane	74-95-3		mg/kg	ND	0.012	0.0002	ND	0.012	0.00019	ND	0.012	0.00019	ND	0.011	0.00019	ND	0.013	0.00021	ND	0.01	0.00018	ND	0.012	0.00019
Dichlorodifluoromethane	75-71-8		mg/kg	ND	0.012	0.00023	ND	0.012	0.00023	ND	0.012	0.00023	ND	0.011	0.00022	ND	0.013	0.00025	ND	0.01	0.00021	ND	0.012	0.00022
Ethyl ether	60-29-7		mg/kg	ND	0.0061	0.00032	ND	0.0059	0.00031	ND	0.006	0.00031	ND	0.0057	0.0003	ND	0.0065	0.00034	ND	0.01	0.00029	ND	0.0058	0.0003
Ethylbenzene	100-41-4	1	mg/kg	ND	0.0012	0.00016	ND	0.0012	0.00015	ND	0.0012	0.00015	ND	0.0011	0.00015	ND	0.0013	0.00017	ND	0	0.00014	ND	0.0012	0.00015
Hexachlorobutadiene	87-68-3		mg/kg	ND	0.0061	0.00028	ND	0.0059	0.00027	ND	0.006	0.00027	ND	0.0057	0.00026	ND	0.0065	0.0003	ND	0.01	0.00026	ND	0.0058	0.00026
Isopropylbenzene	98-82-8		mg/kg	ND	0.0012	0.00013	ND	0.0012	0.00012	ND	0.0012	0.00012	ND	0.0011	0.00012	ND	0.0013	0.00014	ND	0	0.00012	ND	0.0012	0.00012
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	ND	0.0024	0.0001	ND	0.0024	0.0001	ND	0.0024	0.0001	ND	0.0023	0.0001	ND	0.0026	0.00011	ND	0	0.0001	ND	0.0023	0.0001
Methylene chloride	75-09-2	0.05	mg/kg	ND	0.012	0.0013	ND	0.012	0.0013	ND	0.012	0.0013	ND	0.011	0.0013	ND	0.013	0.0014	ND	0.01	0.0012	ND	0.012	0.0013
n-Butylbenzene	104-51-8	12	mg/kg	ND	0.0012	0.00014	ND	0.0012	0.00014	ND	0.0012	0.00014	ND	0.0011	0.00013	ND	0.0013	0.00015	ND	0	0.00013	ND	0.0012	0.00013
n-Propylbenzene	103-65-1	3.9	mg/kg	ND	0.0012	0.00013	ND	0.0012	0.00013	ND	0.0012	0.00013	ND	0.0011	0.00012	ND	0.0013	0.00014	ND	0	0.00012	ND	0.0012	0.00013
Naphthalene	91-20-3	12	mg/kg	ND	0.0061	0.00017	ND	0.0059	0.00016	ND	0.006	0.00016	ND	0.0057	0.00016	ND	0.0065	0.00018	ND	0.01	0.00016	ND	0.0058	0.00016
o-Chlorotoluene	95-49-8		mg/kg	ND	0.0061	0.0002	ND	0.0059	0.00019	ND	0.006	0.00019	ND	0.0057	0.00018	ND	0.0065	0.00021	ND	0.01	0.00018	ND	0.0058	0.00019
o-Xylene	95-47-6		mg/kg	ND	0.0024	0.00021	ND	0.0024	0.0002	ND	0.0024	0.0002	ND	0.0023	0.0002	ND	0.0026	0.00022	ND	0	0.00019	ND	0.0023	0.0002
p-Chlorotoluene	106-43-4		mg/kg	ND	0.0061	0.00016	ND	0.0059	0.00016	ND	0.006	0.00016	ND	0.0057	0.00015	ND	0.0065	0.00017	ND	0.01	0.00015	ND	0.0058	0.00015
p-Isopropyltoluene	99-87-6		mg/kg	ND	0.0012	0.00015	ND	0.0012	0.00015	ND	0.0012	0.00015	ND	0.0011	0.00014	ND	0.0013	0.00016	ND	0	0.00014	ND	0.0012	0.00014
p/m-Xylene	179601-23-1		mg/kg	ND	0.0024	0.00024	ND	0.0024	0.00023	ND	0.0024	0.00024	ND	0.0023	0.00023	ND	0.0026	0.00026	ND	0	0.00022	ND	0.0023	0.00023
sec-Butylbenzene	135-98-8	11	mg/kg	ND	0.0012	0.00015	ND	0.0012	0.00014	ND	0.0012	0.00014	ND	0.0011	0.00014	ND	0.0013	0.00016	ND	0	0.00014	ND	0.0012	0.00014
Styrene	100-42-5		mg/kg	ND	0.0024	0.00049	ND	0.0024	0.00048	ND	0.0024	0.00048	ND	0.0023	0.00046	ND	0.0026	0.00053	ND	0	0.00045	ND	0.0023	0.00047
tert-Butylbenzene	98-06-6	5.9	mg/kg	ND	0.0061	0.00016	ND	0.0059	0.00016	ND	0.006	0.00016	ND	0.0057	0.00016	ND	0.0065	0.00018	ND	0.01	0.00015	ND	0.0058	0.00016
Tetrachloroethene	127-18-4	1.3	mg/kg	ND	0.0012	0.00017	ND	0.0012	0.00017	ND	0.0012	0.00017	ND	0.0011	0.00016	ND	0.0013	0.00018	ND	0	0.00016	ND	0.0012	0.00016
Toluene	108-88-3	0.7	mg/kg	ND	0.0018	0.00024	ND	0.0018	0.00023	ND	0.0018	0.00023	ND	0.0017	0.00022	ND	0.002	0.00025	ND	0	0.00022	ND	0.0017	0.00023
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	ND	0.0018	0.00026	ND	0.0018	0.00025	ND	0.0018	0.00025	ND	0.0017	0.00024	ND	0.002	0.00028	ND	0	0.00024	ND	0.0017	0.00025
trans-1,3-Dichloropropene	10061-02-6		mg/kg	ND	0.0012	0.00015	ND	0.0012	0.00014	ND	0.0012	0.00014	ND	0.0011	0.00014	ND	0.0013	0.00016	ND	0	0.00014	ND	0.0012	0.00014
trans-1,4-Dichloro-2-butene	110-57-6		mg/kg	ND	0.0061	0.00048	ND	0.0059	0.00046	ND	0.006	0.00047	ND	0.0057	0.00045	ND	0.0065	0.00051	ND	0.01	0.00044	ND	0.0058	0.00046
Trichloroethene	79-01-6	0.47	mg/kg	ND	0.0012	0.00015	ND	0.0012	0.00015	ND	0.0012	0.00015	ND	0.0011	0.00014	ND	0.0013	0.00016	ND	0	0.00014	ND	0.0012	0.00014
Trichlorofluoromethane	75-69-4		mg/kg	ND	0.0061	0.00047	ND	0.0059	0.00046	ND	0.006	0.00046	ND	0.0057	0.00044	ND	0.0065	0.00051	ND	0.01	0.00044	ND	0.0058	0.00045
Vinyl acetate	108-05-4		mg/kg	ND	0.012	0.00016	ND	0.012	0.00016	ND	0.012	0.00016	ND	0.011	0.00015	ND	0.013	0.00017	ND	0.01	0.00015	ND	0.012	0.00015
Vinyl chloride	75-01-4	0.02	mg/kg	ND	0.0024	0.00014	ND	0.0024	0.00014	ND	0.0024	0.00014	ND	0.0023	0.00013	ND	0.0026	0.00015	ND	0	0.00013	ND	0.0023	0.00014
Xylene (Total)	1330-20-7	0.26	mg/kg	ND	0.0024	0.00021	ND	0.0024	0.0002	ND	0.0024	0.0002	ND	0.0023	0.0002	ND	0.0026	0.00022	ND	0	0.00019	ND	0.0023	0.0002

NOTES:
NY-UNRES = New York Unrestricted use Criteria current as of 5/2007
RL = Reporting Limit
MDL = Method Detection Limit
ND = Not Detect
J = Estimated value. The Target Analyte concentration is below the quantitation limit (RL), but above the MDL
RL Exceeds Standard
Exceeds Standard

Table 2 - Soil Analytical Data Summary

LOCATION				SB-3-4			SB-3-9			SB-3-18			SB-3-20			SB-3-0-6			SB-3-6-12			SB-3-12-16			SB-3-16-20		
SAMPLING DATE				1/23/2015			1/23/2015			1/23/2015			1/23/2015			1/23/2015			1/23/2015			1/23/2015			1/23/2015		
LAB SAMPLE ID				L1501634-01			L1501634-02			L1501634-03			L1501634-04			L1501634-05			L1501634-06			L1501634-07			L1501634-08		
SAMPLE TYPE				SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
SAMPLE DEPTH (ft.)				4.0-4.5			9.5-10.0			12.0-12.5			19.5-20.0			0.0-6.0			6.0-12.0			12.0-16.0			16.0-20.0		
	CasNum	NY-UNRES	Units	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL
Gasoline Range Organics - Westborough Lab																											
Gasoline Range Organics	NONE		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	2.6	0.051	ND	2.8	0.055	ND	2.5	0.048	ND	2.5	0.049
General Chemistry - Westborough Lab																											
Paint Filter Liquid	PFLT		-	-	-	-	-	-	-	-	-	-	-	-	-	POSITIVE	0	NA	NEGATIVE	0	NA	NEGATIVE	0	NA	NEGATIVE	0	NA
Solids, Total	NONE		%	88.7	0.1	NA	85	0.1	NA	92.7	0.1	NA	78.9	0.1	NA	89.5	0.1	NA	84	0.1	NA	95.6	0.1	NA	94.2	0.1	NA
Petroleum Hydrocarbon Quantitation - Westborough Lab																											
TPH	NONE		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	176	36.6	2.5	148	38.5	2.62	49.3	33	2.25	125	33.2	2.27
Polychlorinated Biphenyls by GC - Westborough Lab																											
Aroclor 1016	12674-11-2	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.0354	0.0028	ND	0.0388	0.00306	ND	0.0338	0.00267	ND	0.0333	0.00263
Aroclor 1221	11104-28-2	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.0354	0.00327	ND	0.0388	0.00358	ND	0.0338	0.00312	ND	0.0333	0.00307
Aroclor 1232	11141-16-5	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.0354	0.00415	ND	0.0388	0.00455	ND	0.0338	0.00396	ND	0.0333	0.00391
Aroclor 1242	53469-21-9	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.0354	0.00434	ND	0.0388	0.00475	ND	0.0338	0.00414	ND	0.0333	0.00408
Aroclor 1248	12672-29-6	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.0354	0.00299	ND	0.0388	0.00327	ND	0.0338	0.00286	ND	0.0333	0.00281
Aroclor 1254	11097-69-1	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.0354	0.00291	ND	0.0388	0.00319	ND	0.0338	0.00278	ND	0.0333	0.00274
Aroclor 1260	11096-82-5	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.0354	0.0027	ND	0.0388	0.00296	ND	0.0338	0.00258	ND	0.0333	0.00254
Aroclor 1262	37324-23-5	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.0354	0.00176	ND	0.0388	0.00192	ND	0.0338	0.00168	ND	0.0333	0.00165
Aroclor 1268	11100-14-4	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.0354	0.00514	ND	0.0388	0.00563	ND	0.0338	0.0049	ND	0.0333	0.00483
PCBs, Total	1336-36-3		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.0354	0.00176	ND	0.0388	0.00192	ND	0.0338	0.00168	ND	0.0333	0.00165
Semivolatile Organics by GC/MS - Westborough Lab																											
1,2,4,5-Tetrachlorobenzene	95-94-3		mg/kg	ND	0.18	0.056	ND	0.2	0.06	ND	0.18	0.055	ND	0.21	0.064	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	120-82-1		mg/kg	ND	0.18	0.06	ND	0.2	0.064	ND	0.18	0.058	ND	0.21	0.068	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	ND	0.18	0.06	ND	0.2	0.064	ND	0.18	0.058	ND	0.21	0.068	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	ND	0.18	0.058	ND	0.2	0.062	ND	0.18	0.056	ND	0.21	0.065	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	ND	0.18	0.055	ND	0.2	0.059	ND	0.18	0.054	ND	0.21	0.063	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	95-95-4		mg/kg	ND	0.18	0.059	ND	0.2	0.063	ND	0.18	0.057	ND	0.21	0.067	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	88-06-2		mg/kg	ND	0.11	0.034	ND	0.12	0.037	ND	0.1	0.033	ND	0.12	0.039	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	120-83-2		mg/kg	ND	0.16	0.059	ND	0.18	0.063	ND	0.16	0.057	ND	0.19	0.067	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	105-67-9		mg/kg	ND	0.18	0.054	ND	0.2	0.058	ND	0.18	0.053	ND	0.21	0.062	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	51-28-5		mg/kg	ND	0.88	0.25	ND	0.94	0.27	ND	0.85	0.24	ND	0.99	0.28	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	121-14-2		mg/kg	ND	0.18	0.039	ND	0.2	0.042	ND	0.18	0.038	ND	0.21	0.045	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	606-20-2		mg/kg	ND	0.18	0.047	ND	0.2	0.05	ND	0.18	0.045	ND	0.21	0.053	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	91-58-7		mg/kg	ND	0.18	0.06	ND	0.2	0.064	ND	0.18	0.058	ND	0.21	0.068	ND	0.18	0.06	ND	0.2	0.064	ND	0.17	0.056	ND	0.17	0.057
2-Chlorophenol	95-57-8		mg/kg	ND	0.18	0.055	ND	0.2	0.059	ND	0.18	0.053	ND	0.21	0.062	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	91-57-6		mg/kg	ND	0.22	0.058	ND	0.23	0.062	ND	0.21	0.056	ND	0.25	0.066	ND	0.22	0.058	ND	0.24	0.063	ND	0.21	0.055	ND	0.21	0.056
2-Methylphenol	95-48-7	0.33	mg/kg	ND	0.18	0.059	ND	0.2	0.063	ND	0.18	0.057	ND	0.21	0.067	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	88-74-4		mg/kg	ND	0.18	0.051	ND	0.2	0.055	ND	0.18	0.05	ND	0.21	0.058	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	88-75-5		mg/kg	ND	0.39	0.057	ND	0.42	0.061	ND	0.38	0.055	ND	0.45	0.065	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	91-94-1		mg/kg	ND	0.18	0.048	ND	0.2	0.052	ND	0.18	0.047	ND	0.21	0.055	-	-	-	-	-	-	-	-	-	-	-	-
3-Methylphenol/4-Methylphenol	108-39-4	0.33	mg/kg	ND	0.26	0.06	ND	0.28	0.064	ND	0.25	0.058	ND	0.3	0.068	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	99-09-2		mg/kg	ND	0.18	0.05	ND	0.2	0.054	ND	0.18	0.049	ND	0.21	0.057	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-o-cresol	534-52-1		mg/kg	ND	0.47	0.067	ND	0.51	0.071	ND	0.46	0.065	ND	0.54	0.076	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	101-55-3		mg/kg	ND	0.18	0.042	ND	0.2	0.045	ND	0.18	0.041	ND	0.21	0.048	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	106-47-8		mg/kg	ND	0.18	0.048	ND	0.2	0.052	ND	0.18	0.047	ND	0.21	0.055	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	7005-72-3		mg/kg	ND	0.18	0.056	ND	0.2	0.059	ND	0.18	0.054	ND	0.21	0.063	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	100-01-6		mg/kg	ND	0.18	0.049	ND	0.2	0.053	ND	0.18	0.048	ND	0.21	0.056	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	100-02-7		mg/kg	ND	0.26	0.059	ND	0.27	0.063	ND	0.25	0.057	ND	0.29	0.067	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	83-32-9	20	mg/kg	ND	0.15	0.038	ND	0.16	0.04	ND	0.14	0.036	ND	0.16	0.043	ND	0.15	0.038	ND	0.16	0.041	ND	0.14	0.036	ND	0.14	0.036
Acenaphthylene	208-96-8	100	mg/kg	ND	0.15	0.034	0.049J	0.16	0.036	ND	0.14	0.033	ND	0.16	0.039	0.035J	0.15	0.034	0.056J	0.16	0.037	ND	0.14	0.032	ND	0.14	0.032
Acetophenone	98-86-2		mg/kg	ND	0.18	0.056	ND	0.2	0.06	ND	0.18	0.055	ND	0.21	0.064	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	120-12-7	100	mg/kg	0.062J	0.11	0.03	0.11J	0.12	0.032	ND	0.1	0.029	ND	0.12	0.034	0.076J	0.11	0.03	0.049J	0.12	0.033	ND	0.1	0.029	ND	0.1	0.029
Benzo(a)anthracene	56-55-3	1	mg/kg	0.16	0.11	0.036	0.37	0.12	0.038	ND	0.1	0.034	ND	0.12	0.04	0.16	0.11	0.036	0.2	0.12	0.039	ND	0.1	0.034	ND	0.1	0.034
Benzo(a)pyrene	50-32-8	1	mg/kg	0.13J	0.15	0.045	0.36	0.16	0.048	ND	0.14	0.043	ND	0.16	0.051	0.18	0.15	0.045	0.24	0.16	0.048	ND	0.14	0.042	ND	0.14	0.042
Benzo(b)fluoranthene	205-99-2	1	mg/kg	0.18	0.11	0.037	0.64	0.12	0.039	ND	0.1	0.036	ND	0.12	0.042	0.25	0.11	0.037	0.48	0.12	0.04	ND	0.1	0.035	0.059J	0.1	0.035
Benzo(ghi)perylene	191-24-2	100	mg/kg	0.081J	0.15	0.038	0.27	0.16	0.04	ND	0.14	0.037	ND	0.16	0.043	0.14J	0.15	0.038	0.22	0.16	0.041	ND	0.14	0.036	ND	0.14	0.036
Benzo(k)fluoranthene	207-08-9	0.8	mg/kg	0.064J	0.11	0.035	0.21	0.12	0.037	ND	0.1	0.034	ND	0.12	0.04	0.1J	0.11	0.035	0.17	0.12	0.038	ND	0.1	0.033	ND	0.1	0.033
Benzoic Acid	65-85-0		mg/kg	ND	0.59	0.18	ND	0.63	0.2	ND	0.57	0.18	ND	0.67	0.21	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol	100-51-6		mg/kg	ND	0.18	0.056	ND	0.2	0.06	ND	0.18	0.054	ND	0.21	0.064	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl	92-52-4		mg/kg	ND	0.42	0.06	ND	0.44	0.064	ND	0.4	0.058	ND	0.47	0.068	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroethoxy)methane	111-91-1		mg/kg	ND	0.2	0.055	ND	0.21	0.059	ND	0.19	0.053	ND	0.22	0.063	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroethyl)ether	111-44-4		mg/kg	ND	0.16	0.051	ND	0.18	0.055	ND	0.16	0.05	ND	0.19	0.058	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroisopropyl)ether	108-60-1		mg/kg	ND	0.22	0.064	ND	0.23	0.069	ND	0.21	0.062	ND	0.25	0.073	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-Ethylhexyl)phthalate	117-81-7		mg/kg	0.19	0.18	0.048	0.41	0.2	0.051	ND	0.18	0.046	ND	0.21	0.054	-	-	-	-	-	-	-	-	-	-	-	-
Butyl benzyl phthalate	85-68-7		mg/kg	0.21	0.18	0.036	0.14J	0.2	0.038	ND	0.18	0.034	ND	0.21	0.04	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole	86-74-8		mg/kg	0.04J	0.18	0.039	0.09J	0.2	0.042	ND	0.18	0.038	ND	0.21	0.044	-	-	-	-	-	-	-	-	-	-	-	-

Table 2 - Soil Analytical Data Summary

LOCATION				SB-3-4			SB-3-9			SB-3-18			SB-3-20			SB-3-0-6			SB-3-6-12			SB-3-12-16			SB-3-16-20		
SAMPLING DATE				1/23/2015			1/23/2015			1/23/2015			1/23/2015			1/23/2015			1/23/2015			1/23/2015			1/23/2015		
LAB SAMPLE ID				L1501634-01			L1501634-02			L1501634-03			L1501634-04			L1501634-05			L1501634-06			L1501634-07			L1501634-08		
SAMPLE TYPE				SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
SAMPLE DEPTH (ft.)				4.0-4.5			9.5-10.0			12.0-12.5			19.5-20.0			0.0-6.0			6.0-12.0			12.0-16.0			16.0-20.0		
	CasNum	NY-UNRES	Units	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL
Chrysene	218-01-9	1	mg/kg	0.14	0.11	0.036	0.51	0.12	0.038	ND	0.1	0.035	ND	0.12	0.041	0.17	0.11	0.036	0.34	0.12	0.039	ND	0.1	0.034	0.049J	0.1	0.034
Di-n-butylphthalate	84-74-2		mg/kg	ND	0.18	0.035	ND	0.2	0.038	ND	0.18	0.034	ND	0.21	0.04	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octylphthalate	117-84-0		mg/kg	ND	0.18	0.045	ND	0.2	0.048	ND	0.18	0.043	ND	0.21	0.051	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	53-70-3	0.33	mg/kg	ND	0.11	0.035	0.061J	0.12	0.038	ND	0.1	0.034	ND	0.12	0.04	0.037J	0.11	0.035	0.053J	0.12	0.038	ND	0.1	0.033	ND	0.1	0.034
Dibenzofuran	132-64-9	7	mg/kg	ND	0.18	0.061	ND	0.2	0.065	ND	0.18	0.059	ND	0.21	0.069	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	84-66-2		mg/kg	ND	0.18	0.038	ND	0.2	0.041	ND	0.18	0.037	ND	0.21	0.044	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	131-11-3		mg/kg	ND	0.18	0.046	ND	0.2	0.05	ND	0.18	0.045	ND	0.21	0.053	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	206-44-0	100	mg/kg	0.34	0.11	0.034	0.99	0.12	0.036	ND	0.1	0.032	ND	0.12	0.038	0.38	0.11	0.034	0.58	0.12	0.036	ND	0.1	0.032	0.087J	0.1	0.032
Fluorene	86-73-7	30	mg/kg	ND	0.18	0.052	ND	0.2	0.056	ND	0.18	0.051	ND	0.21	0.059	ND	0.18	0.052	ND	0.2	0.056	ND	0.17	0.049	ND	0.17	0.05
Hexachlorobenzene	118-74-1	0.33	mg/kg	ND	0.11	0.034	ND	0.12	0.036	ND	0.1	0.033	ND	0.12	0.039	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	87-68-3		mg/kg	ND	0.18	0.051	ND	0.2	0.055	ND	0.18	0.05	ND	0.21	0.058	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	77-47-4		mg/kg	ND	0.52	0.12	ND	0.56	0.12	ND	0.51	0.11	ND	0.59	0.13	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	67-72-1		mg/kg	ND	0.15	0.033	ND	0.16	0.035	ND	0.14	0.032	ND	0.16	0.038	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	193-39-5	0.5	mg/kg	0.084J	0.15	0.04	0.31	0.16	0.043	ND	0.14	0.039	ND	0.16	0.046	0.14J	0.15	0.041	0.24	0.16	0.044	ND	0.14	0.038	ND	0.14	0.039
Isophorone	78-59-1		mg/kg	ND	0.16	0.048	ND	0.18	0.052	ND	0.16	0.047	ND	0.19	0.055	-	-	-	-	-	-	-	-	-	-	-	-
n-Nitrosodi-n-propylamine	621-64-7		mg/kg	ND	0.18	0.054	ND	0.2	0.058	ND	0.18	0.053	ND	0.21	0.062	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	91-20-3	12	mg/kg	ND	0.18	0.061	ND	0.2	0.065	ND	0.18	0.059	ND	0.21	0.069	ND	0.18	0.061	ND	0.2	0.066	ND	0.17	0.057	ND	0.17	0.058
Nitrobenzene	98-95-3		mg/kg	ND	0.16	0.043	ND	0.18	0.046	ND	0.16	0.042	ND	0.19	0.049	-	-	-	-	-	-	-	-	-	-	-	-
NitrosoDiPhenylAmine(NDPA)/DPA	86-30-6		mg/kg	ND	0.15	0.038	ND	0.16	0.041	ND	0.14	0.037	ND	0.16	0.043	-	-	-	-	-	-	-	-	-	-	-	-
P-Chloro-M-Cresol	59-50-7		mg/kg	ND	0.18	0.053	ND	0.2	0.056	ND	0.18	0.051	ND	0.21	0.06	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	87-86-5	0.8	mg/kg	ND	0.15	0.039	ND	0.16	0.042	ND	0.14	0.038	ND	0.16	0.044	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	85-01-8	100	mg/kg	0.26	0.11	0.036	0.59	0.12	0.038	ND	0.1	0.034	ND	0.12	0.04	0.27	0.11	0.036	0.23	0.12	0.039	ND	0.1	0.034	0.04J	0.1	0.034
Phenol	108-95-2	0.33	mg/kg	ND	0.18	0.054	ND	0.2	0.058	ND	0.18	0.052	ND	0.21	0.061	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	129-00-0	100	mg/kg	0.27	0.11	0.035	0.72	0.12	0.038	ND	0.1	0.034	ND	0.12	0.04	0.3	0.11	0.036	0.45	0.12	0.038	ND	0.1	0.034	0.066J	0.1	0.034
TCLP Metals by EPA 1311 - Westborough Lab																											
Arsenic, TCLP	7440-38-2		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	ND	1	0.02	ND	1	0.02	ND	1	0.02	ND	1	0.02
Barium, TCLP	7440-39-3		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	0.26J	0.5	0.03	0.17J	0.5	0.03	0.36J	0.5	0.03	0.32J	0.5	0.03
Cadmium, TCLP	7440-43-9		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.1	0.01	ND	0.1	0.01	ND	0.1	0.01	ND	0.1	0.01
Chromium, TCLP	7440-47-3		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.2	0.02	ND	0.2	0.02	ND	0.2	0.02	ND	0.2	0.02
Lead, TCLP	7439-92-1		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	0.1J	0.5	0.02	1.2	0.5	0.02	0.03J	0.5	0.02	2.1	0.5	0.02
Mercury, TCLP	7439-97-6		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.001	0.0003	ND	0.001	0.0003	ND	0.001	0.0003	ND	0.001	0.0003
Selenium, TCLP	7782-49-2		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.5	0.03	ND	0.5	0.03	ND	0.5	0.03	ND	0.5	0.03
Silver, TCLP	7440-22-4		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.1	0.02	ND	0.1	0.02	ND	0.1	0.02	ND	0.1	0.02
Total Metals - Westborough Lab																											
Aluminum, Total	7429-90-5		mg/kg	4800	8.4	1.7	5500	9.1	1.8	2700	8.5	1.7	6400	9.7	1.9	5600	8.3	1.7	6800	8.8	1.8	2400	8.1	1.6	2300	7.9	1.6
Antimony, Total	7440-36-0		mg/kg	ND	4.2	0.67	ND	4.6	0.73	ND	4.3	0.68	ND	4.8	0.78	ND	4.2	0.67	ND	4.4	0.71	ND	4.1	0.65	ND	4	0.64
Arsenic, Total	7440-38-2	13	mg/kg	4	0.84	0.17	5.4	0.91	0.18	0.26J	0.85	0.17	0.65J	0.97	0.19	3.1	0.83	0.17	3.5	0.88	0.18	0.6J	0.81	0.16	0.37J	0.79	0.16
Barium, Total	7440-39-3	350	mg/kg	92	0.84	0.25	450	0.91	0.27	21	0.85	0.26	62	0.97	0.29	120	0.83	0.25	74	0.88	0.26	21	0.81	0.24	26	0.79	0.24
Beryllium, Total	7440-41-7	7.2	mg/kg	0.2J	0.42	0.08	0.22J	0.46	0.09	ND	0.43	0.09	0.28J	0.48	0.1	0.25J	0.42	0.08	0.3J	0.44	0.09	0.13J	0.41	0.08	0.1J	0.4	0.08
Cadmium, Total	7440-43-9	2.5	mg/kg	ND	0.84	0.06	0.37J	0.91	0.06	ND	0.85	0.06	ND	0.97	0.07	ND	0.83	0.06	0.18J	0.88	0.06	ND	0.81	0.06	ND	0.79	0.06
Calcium, Total	7440-70-2		mg/kg	27000	8.4	2.5	41000	9.1	2.7	420	8.5	2.6	1800	9.7	2.9	31000	8.3	2.5	22000	8.8	2.6	330	8.1	2.4	1400	7.9	2.4
Chromium, Total	7440-47-3		mg/kg	12	0.84	0.17	15	0.91	0.18	8	0.85	0.17	16	0.97	0.19	12	0.83	0.17	13	0.88	0.18	5.5	0.81	0.16	6.7	0.79	0.16
Cobalt, Total	7440-48-4		mg/kg	3.3	1.7	0.42	4.4	1.8	0.46	1.6J	1.7	0.43	10	1.9	0.48	3.6	1.7	0.42	5.1	1.8	0.44	1.9	1.6	0.41	1.8	1.6	0.4
Copper, Total	7440-50-8	50	mg/kg	19	0.84	0.17	30	0.91	0.18	9.5	0.85	0.17	28	0.97	0.19	17	0.83	0.17	33	0.88	0.18	6.9	0.81	0.16	8.4	0.79	0.16
Iron, Total	7439-89-6		mg/kg	9400	4.2	1.7	26000	4.6	1.8	4700	4.3	1.7	11000	4.8	1.9	9800	4.2	1.7	15000	4.4	1.8	3900	4.1	1.6	4000	4	1.6
Lead, Total	7439-92-1	63	mg/kg	68	4.2	0.17	450	4.6	0.18	1.6J	4.3	0.17	6.8	4.8	0.19	35	4.2	0.17	200	4.4	0.18	3.5J	4.1	0.16	38	4	0.16
Magnesium, Total	7439-95-4		mg/kg	5100	8.4	0.84	3700	9.1	0.91	900	8.5	0.85	4800	9.7	0.97	5800	8.3	0.83	3500	8.8	0.88	860	8.1	0.81	910	7.9	0.79
Manganese, Total	7439-96-5	1600	mg/kg	170	0.84	0.17	310	0.91	0.18	27	0.85	0.17	160	0.97	0.19	180	0.83	0.17	390	0.88	0.18	110	0.81	0.16	40	0.79	0.16
Mercury, Total	7439-97-6	0.18	mg/kg	0.14	0.07	0.02	0.35	0.07	0.02	ND	0.07	0.02	ND	0.08	0.02	0.19	0.08	0.02	0.6	0.08	0.02	ND	0.07	0.01	0.06J	0.07	0.02
Nickel, Total	7440-02-0	30	mg/kg	7.7	2.1	0.34	12	2.3	0.36	4.3	2.1	0.34	32	2.4	0.39	8.4	2.1	0.33	12	2.2	0.35	4	2	0.32	4.8	2	0.32
Potassium, Total	7440-09-7		mg/kg	710	210	34	960	230	36	360	210	34	750	240	39	750	210	33	940	220	35	320	200	32	320	200	32
Selenium, Total	7782-49-2	3.9	mg/kg	ND	1.7	0.25	ND	1.8	0.27	ND	1.7	0.26	ND	1.9	0.29	ND	1.7	0.25	ND	1.8	0.26	ND	1.6	0.24	ND	1.6	0.24
Silver, Total	7440-22-4	2	mg/kg	ND	0.84	0.17	ND	0.91	0.18	ND	0.85	0.17	ND	0.97	0.19	ND	0.83	0.17	ND	0.88	0.18	ND	0.81	0.16	ND	0.79	0.16
Sodium, Total	7440-23-5		mg/kg	170	170	25	220	180	27	61J	170	26	280	190	29	250	170	25	200	180	26	71J	160	24	65J	160	24
Thallium, Total	7440-28-0		mg/kg	ND	1.7	0.34	ND	1.8	0.36	ND	1.7	0.34	ND	1.9	0.39	ND	1.7	0.33	ND	1.8	0.35	ND	1.6	0.32	ND	1.6	0.32
Vanadium, Total	7440-62-2		mg/kg	17	0.84	0.08	16	0.91	0.09	10	0.85	0.09	19	0.97	0.1	17	0.83	0.08	18	0.88	0.09	5.7	0.81	0.08	7.5	0.79	0.08
Zinc, Total	7440-66-6	109	mg/kg	95	4.2	0.59	290	4.6	0.64	7.3	4.3	0.6	19	4.8	0.68	98	4.2	0.58	100	4.4	0.62	7.1	4.1	0.57	12	4	0.56
Volatile Organics by 8260/5035 - Westborough Lab																											
1,1,1,2-Tetrachloroethane	630-20-6		mg/kg	ND	0.001	0.00033	ND	0.0011	0.00035	ND	0.0011	0.00034	ND	0.0011	0.00035	ND	0.001	0.00032	ND	0.001	0.00032	ND	0.0011	0.00036	ND	0.0011	0.00034
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	ND	0.001	0.00012	ND	0.0011	0.00012	ND	0.0011	0.00012	ND	0.0011	0.00012	ND	0.001	0.00011	ND	0.001	0.00011	ND	0.0011	0.00012	ND	0.0011	0.00012
1,1,2,2-Tetrachloroethane	79-34-5		mg/kg	ND	0.001	0.0001	ND	0.0011	0.00011	ND	0.0011	0.00011	ND	0.0011	0.00011	ND	0.001	0.0001	ND	0.001	0.0001	ND	0.0011	0.00011	ND	0.0011	0.00011
1,1,2-Trichloroethane	79-00-5		mg/kg	ND	0.0016	0.00032	ND	0.0016	0.00033	ND	0.0016	0.00033	ND	0.0016	0.00033	ND	0.0015	0.0003	ND	0.0015	0.00031	ND	0.0017	0.00034	ND	0.0016	0.00033
1,1-Dichloroethane	75-34-3	0.27	mg/kg	ND	0.0016	0.00009	ND	0.0016	0.00009	ND	0.0016	0.00009	ND	0.0016	0.00009	ND	0.0015	0.00009	ND	0.0015	0.00009	ND	0.0017	0.0001	ND	0.0016	0.00009
1,1-Dichloroethene	75-35-4	0.33	mg/kg	ND	0.001	0.00027	ND	0.0011	0.00028	ND	0.0011	0.00028	ND	0.0011	0.00029	ND	0.001	0.00026	ND	0.001	0.00026	ND	0.0011	0.0003	ND	0.0011	0.00028

Table 2 - Soil Analytical Data Summary

LOCATION				SB-3-4			SB-3-9			SB-3-18			SB-3-20			SB-3-0-6			SB-3-6-12			SB-3-12-16			SB-3-16-20		
SAMPLING DATE				1/23/2015			1/23/2015			1/23/2015			1/23/2015			1/23/2015			1/23/2015			1/23/2015			1/23/2015		
LAB SAMPLE ID				L1501634-01			L1501634-02			L1501634-03			L1501634-04			L1501634-05			L1501634-06			L1501634-07			L1501634-08		
SAMPLE TYPE				SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
SAMPLE DEPTH (ft.)				4.0-4.5			9.5-10.0			12.0-12.5			19.5-20.0			0.0-6.0			6.0-12.0			12.0-16.0			16.0-20.0		
	CasNum	NY-UNRES	Units	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL
1,1-Dichloropropene	563-58-6		mg/kg	ND	0.0052	0.00015	ND	0.0054	0.00015	ND	0.0054	0.00015	ND	0.0055	0.00015	ND	0.005	0.00014	ND	0.005	0.00014	ND	0.0057	0.00016	ND	0.0054	0.00015
1,2,3-Trichlorobenzene	87-61-6		mg/kg	ND	0.0052	0.00015	ND	0.0054	0.00016	ND	0.0054	0.00016	ND	0.0055	0.00016	ND	0.005	0.00015	ND	0.005	0.00015	ND	0.0057	0.00017	ND	0.0054	0.00016
1,2,3-Trichloropropane	96-18-4		mg/kg	ND	0.01	0.00017	ND	0.011	0.00018	ND	0.011	0.00018	ND	0.011	0.00018	ND	0.01	0.00016	ND	0.01	0.00016	ND	0.011	0.00018	ND	0.011	0.00018
1,2,4,5-Tetramethylbenzene	95-93-2		mg/kg	ND	0.0042	0.00014	ND	0.0044	0.00014	ND	0.0043	0.00014	ND	0.0044	0.00014	ND	0.004	0.00013	ND	0.004	0.00013	ND	0.0045	0.00015	ND	0.0043	0.00014
1,2,4-Trichlorobenzene	120-82-1		mg/kg	ND	0.0052	0.00019	ND	0.0054	0.0002	ND	0.0054	0.0002	ND	0.0055	0.0002	ND	0.005	0.00018	ND	0.005	0.00018	ND	0.0057	0.00021	ND	0.0054	0.0002
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	ND	0.0052	0.00015	ND	0.0054	0.00015	ND	0.0054	0.00015	ND	0.0055	0.00015	ND	0.005	0.00014	ND	0.005	0.00014	ND	0.0057	0.00016	ND	0.0054	0.00015
1,2-Dibromo-3-chloropropane	96-12-8		mg/kg	ND	0.0052	0.00041	ND	0.0054	0.00043	ND	0.0054	0.00043	ND	0.0055	0.00043	ND	0.005	0.0004	ND	0.005	0.0004	ND	0.0057	0.00045	ND	0.0054	0.00043
1,2-Dibromoethane	106-93-4		mg/kg	ND	0.0042	0.00018	ND	0.0044	0.00019	ND	0.0043	0.00019	ND	0.0044	0.00019	ND	0.004	0.00017	ND	0.004	0.00018	ND	0.0045	0.0002	ND	0.0043	0.00019
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	ND	0.0052	0.00016	ND	0.0054	0.00017	ND	0.0054	0.00016	ND	0.0055	0.00017	ND	0.005	0.00015	ND	0.005	0.00015	ND	0.0057	0.00017	ND	0.0054	0.00016
1,2-Dichloroethane	107-06-2	0.02	mg/kg	ND	0.001	0.00012	ND	0.0011	0.00012	ND	0.0011	0.00012	ND	0.0011	0.00012	ND	0.001	0.00011	ND	0.001	0.00011	ND	0.0011	0.00013	ND	0.0011	0.00012
1,2-Dichloroethene (total)	540-59-0		mg/kg	ND	0.001	0.00015	ND	0.0011	0.00016	ND	0.0011	0.00015	ND	0.0011	0.00016	ND	0.001	0.00014	ND	0.001	0.00014	ND	0.0011	0.00016	ND	0.0011	0.00015
1,2-Dichloropropane	78-87-5		mg/kg	ND	0.0036	0.00024	ND	0.0038	0.00025	ND	0.0038	0.00024	ND	0.0038	0.00025	ND	0.0035	0.00023	ND	0.0035	0.00023	ND	0.004	0.00026	ND	0.0038	0.00025
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	ND	0.0052	0.00015	ND	0.0054	0.00016	ND	0.0054	0.00015	ND	0.0055	0.00016	ND	0.005	0.00014	ND	0.005	0.00014	ND	0.0057	0.00016	ND	0.0054	0.00016
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	ND	0.0052	0.00014	ND	0.0054	0.00015	ND	0.0054	0.00014	ND	0.0055	0.00015	ND	0.005	0.00013	ND	0.005	0.00014	ND	0.0057	0.00015	ND	0.0054	0.00015
1,3-Dichloropropane	142-28-9		mg/kg	ND	0.0052	0.00015	ND	0.0054	0.00016	ND	0.0054	0.00016	ND	0.0055	0.00016	ND	0.005	0.00014	ND	0.005	0.00015	ND	0.0057	0.00016	ND	0.0054	0.00016
1,3-Dichloropropene, Total	542-75-6		mg/kg	ND	0.001	0.00012	ND	0.0011	0.00013	ND	0.0011	0.00013	ND	0.0011	0.00013	ND	0.001	0.00012	ND	0.001	0.00012	ND	0.0011	0.00013	ND	0.0011	0.00013
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	ND	0.0052	0.00014	ND	0.0054	0.00015	ND	0.0054	0.00015	ND	0.0055	0.00015	ND	0.005	0.00014	ND	0.005	0.00014	ND	0.0057	0.00016	ND	0.0054	0.00015
1,4-Diethylbenzene	105-05-5		mg/kg	ND	0.0042	0.00017	ND	0.0044	0.00017	ND	0.0043	0.00017	ND	0.0044	0.00017	ND	0.004	0.00016	ND	0.004	0.00016	ND	0.0045	0.00018	ND	0.0043	0.00017
1,4-Dioxane	123-91-1	0.1	mg/kg	ND	0.1	0.015	ND	0.11	0.016	ND	0.11	0.016	ND	0.11	0.016	ND	0.1	0.014	ND	0.1	0.014	ND	0.11	0.016	ND	0.11	0.016
2,2-Dichloropropane	594-20-7		mg/kg	ND	0.0052	0.00024	ND	0.0054	0.00025	ND	0.0054	0.00024	ND	0.0055	0.00025	ND	0.005	0.00022	ND	0.005	0.00023	ND	0.0057	0.00026	ND	0.0054	0.00024
2-Butanone	78-93-3	0.12	mg/kg	0.0032J	0.01	0.00028	0.0033J	0.011	0.0003	0.0032J	0.011	0.00029	0.0033J	0.011	0.0003	0.0029J	0.01	0.00027	0.0022J	0.01	0.00027	0.003J	0.011	0.00031	0.0031J	0.011	0.00029
2-Hexanone	591-78-6		mg/kg	ND	0.01	0.0007	ND	0.011	0.00072	ND	0.011	0.00072	ND	0.011	0.00073	ND	0.01	0.00066	ND	0.01	0.00067	ND	0.011	0.00076	ND	0.011	0.00072
4-Ethyltoluene	622-96-8		mg/kg	ND	0.0042	0.00013	ND	0.0044	0.00014	ND	0.0043	0.00013	ND	0.0044	0.00014	ND	0.004	0.00012	ND	0.004	0.00012	ND	0.0045	0.00014	ND	0.0043	0.00013
4-Methyl-2-pentanone	108-10-1		mg/kg	ND	0.01	0.00025	ND	0.011	0.00026	ND	0.011	0.00026	ND	0.011	0.00027	ND	0.01	0.00024	ND	0.01	0.00025	ND	0.011	0.00028	ND	0.011	0.00026
Acetone	67-64-1	0.05	mg/kg	0.007J	0.01	0.0011	0.0087J	0.011	0.0011	0.0072J	0.011	0.0011	0.0046J	0.011	0.0011	0.0053J	0.01	0.001	0.0031J	0.01	0.001	0.0029J	0.011	0.0012	0.0044J	0.011	0.0011
Acrylonitrile	107-13-1		mg/kg	ND	0.01	0.00054	ND	0.011	0.00056	ND	0.011	0.00055	ND	0.011	0.00056	ND	0.01	0.00051	ND	0.01	0.00052	ND	0.011	0.00058	ND	0.011	0.00056
Benzene	71-43-2	0.06	mg/kg	ND	0.001	0.00012	ND	0.0011	0.00013	ND	0.0011	0.00013	ND	0.0011	0.00013	ND	0.001	0.00012	ND	0.001	0.00012	ND	0.0011	0.00013	ND	0.0011	0.00013
Bromobenzene	108-86-1		mg/kg	ND	0.0052	0.00022	ND	0.0054	0.00023	ND	0.0054	0.00022	ND	0.0055	0.00023	ND	0.005	0.00021	ND	0.005	0.00021	ND	0.0057	0.00024	ND	0.0054	0.00022
Bromochloromethane	74-97-5		mg/kg	ND	0.0052	0.00029	ND	0.0054	0.0003	ND	0.0054	0.0003	ND	0.0055	0.0003	ND	0.005	0.00028	ND	0.005	0.00028	ND	0.0057	0.00031	ND	0.0054	0.0003
Bromodichloromethane	75-27-4		mg/kg	ND	0.001	0.00018	ND	0.0011	0.00019	ND	0.0011	0.00019	ND	0.0011	0.00019	ND	0.001	0.00017	ND	0.001	0.00017	ND	0.0011	0.0002	ND	0.0011	0.00019
Bromoform	75-25-2		mg/kg	ND	0.0042	0.00025	ND	0.0044	0.00026	ND	0.0043	0.00025	ND	0.0044	0.00026	ND	0.004	0.00024	ND	0.004	0.00024	ND	0.0045	0.00027	ND	0.0043	0.00026
Bromomethane	74-83-9		mg/kg	ND	0.0021	0.00035	ND	0.0022	0.00037	ND	0.0022	0.00036	ND	0.0022	0.00037	ND	0.002	0.00034	ND	0.002	0.00034	ND	0.0023	0.00038	ND	0.0022	0.00037
Carbon disulfide	75-15-0		mg/kg	ND	0.01	0.0012	ND	0.011	0.0012	ND	0.011	0.0012	ND	0.011	0.0012	ND	0.01	0.0011	ND	0.01	0.0011	ND	0.011	0.0012	ND	0.011	0.0012
Carbon tetrachloride	56-23-5	0.76	mg/kg	ND	0.001	0.00022	ND	0.0011	0.00023	ND	0.0011	0.00023	ND	0.0011	0.00023	ND	0.001	0.00021	ND	0.001	0.00021	ND	0.0011	0.00024	ND	0.0011	0.00023
Chlorobenzene	108-90-7	1.1	mg/kg	ND	0.001	0.00036	ND	0.0011	0.00038	ND	0.0011	0.00038	ND	0.0011	0.00038	ND	0.001	0.00035	ND	0.001	0.00035	ND	0.0011	0.0004	ND	0.0011	0.00038
Chloroethane	75-00-3		mg/kg	ND	0.0021	0.00033	ND	0.0022	0.00034	ND	0.0022	0.00034	ND	0.0022	0.00034	ND	0.002	0.00032	ND	0.002	0.00032	ND	0.0023	0.00036	ND	0.0022	0.00034
Chloroform	67-66-3	0.37	mg/kg	ND	0.0016	0.00039	ND	0.0016	0.0004	ND	0.0016	0.0004	ND	0.0016	0.0004	ND	0.0015	0.00037	ND	0.0015	0.00037	ND	0.0017	0.00042	ND	0.0016	0.0004
Chloromethane	74-87-3		mg/kg	ND	0.0052	0.00031	ND	0.0054	0.00032	ND	0.0054	0.00032	ND	0.0055	0.00032	ND	0.005	0.00029	ND	0.005	0.0003	ND	0.0057	0.00033	ND	0.0054	0.00032
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	ND	0.001	0.00015	ND	0.0011	0.00016	ND	0.0011	0.00015	ND	0.0011	0.00016	ND	0.001	0.00014	ND	0.001	0.00014	ND	0.0011	0.00016	ND	0.0011	0.00015
cis-1,3-Dichloropropene	10061-01-5		mg/kg	ND	0.001	0.00012	ND	0.0011	0.00013	ND	0.0011	0.00013	ND	0.0011	0.00013	ND	0.001	0.00012	ND	0.001	0.00012	ND	0.0011	0.00013	ND	0.0011	0.00013
Dibromochloromethane	124-48-1		mg/kg	ND	0.001	0.00016	ND	0.0011	0.00017	ND	0.0011	0.00016	ND	0.0011	0.00017	ND	0.001	0.00015	ND	0.001	0.00015	ND	0.0011	0.00017	ND	0.0011	0.00017
Dibromomethane	74-95-3		mg/kg	ND	0.01	0.00017	ND	0.011	0.00018	ND	0.011	0.00018	ND	0.011	0.00018	ND	0.01	0.00016	ND	0.01	0.00016	ND	0.011	0.00019	ND	0.011	0.00018
Dichlorodifluoromethane	75-71-8		mg/kg	ND	0.01	0.0002	ND	0.011	0.00021	ND	0.011	0.0002	ND	0.011	0.00021	ND	0.01	0.00019	ND	0.01	0.00019	ND	0.011	0.00022	ND	0.011	0.00021
Ethyl ether	60-29-7		mg/kg	ND	0.0052	0.00027	ND	0.0054	0.00028	ND	0.0054	0.00028	ND	0.0055	0.00028	ND	0.005	0.00026	ND	0.005	0.00026	ND	0.0057	0.0003	ND	0.0054	0.00028
Ethylbenzene	100-41-4	1	mg/kg	ND	0.001	0.00013	ND	0.0011	0.00014	ND	0.0011	0.00014	ND	0.0011	0.00014	ND	0.001	0.00013	ND	0.001	0.00013	ND	0.0011	0.00014	ND	0.0011	0.00014
Hexachlorobutadiene	87-68-3		mg/kg	ND	0.0052	0.00024	ND	0.0054	0.00025	ND	0.0054	0.00024	ND	0.0055	0.00025	ND	0.005	0.00023	ND	0.005	0.00023	ND	0.0057	0.00026	ND	0.0054	0.00025
Isopropylbenzene	98-82-8		mg/kg	ND	0.001	0.00011	ND	0.0011	0.00011	ND	0.0011	0.00011	ND	0.0011	0.00011	ND	0.001	0.0001	ND	0.001	0.0001	ND	0.0011	0.00012	ND	0.0011	0.00011
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	ND	0.0021	0.00009	ND	0.0022	0.00009	ND	0.0022	0.00009	ND	0.0022	0.00009	ND	0.002	0.00008	ND	0.002	0.00009	ND	0.0023	0.0001	ND	0.0022	0.00009
Methylene chloride	75-09-2	0.05	mg/kg	ND	0.01	0.0012	ND	0.011	0.0012	ND	0.011	0.0012	ND	0.011	0.0012	ND	0.01	0.0011	ND	0.01	0.0011	ND	0.011	0.0012	ND	0.011	0.0012
n-Butylbenzene	104-51-8	12	mg/kg	ND	0.001	0.00012	ND	0.0011	0.00012	ND	0.0011	0.00012	ND	0.0011	0.00012	ND	0.001	0.00011	ND	0.001	0.00012	ND	0.0011	0.00013	ND	0.0011	0.00012
n-Propylbenzene	103-65-1	3.9	mg/kg	ND	0.001	0.00011	ND	0.0011	0.00012	ND	0.0011	0.00012	ND	0.0011	0.00012	ND	0.001	0.00011	ND	0.001	0.00011	ND	0.0011	0.00012	ND	0.0011	0.00012
Naphthalene	91-20-3	12	mg/kg	0.001J	0.0052	0.00014	ND	0.0054	0.00015	ND	0.0054	0.00015	0.00056J	0.0055	0.00015	0.0027J	0.005	0.00014	ND	0.005	0.00014	ND	0.0057	0.00016	ND	0.0054	0.00015
o-Chlorotoluene	95-49-8		mg/kg	ND	0.0052	0.00017	ND	0.0054	0.00017	ND	0.0054	0.00017	ND	0.0055	0.00017	ND	0.005	0.00016	ND	0.005	0.00016	ND	0.0057	0.00018	ND	0.0054	0.00017
o-Xylene	95-47-6		mg/kg	ND	0.0021	0.00018	ND	0.0022	0.00019	ND	0.0022	0.00018	ND	0.0022	0.00019	ND	0.002	0.00017	ND	0.002	0.00017	ND	0.0023	0.0002	ND	0.0022	0.00019
p-Chlorotoluene	106-43-4		mg/kg	ND	0.0052	0.00014	ND	0.0054	0.00014	ND	0.0054	0.00014	ND	0.0055	0.00014	ND	0.005	0.00013	ND	0.005	0.00013	ND	0.0057	0.00015	ND	0.0054	0.00014
p-Isopropyltoluene	99-87-6		mg/kg	ND	0.001	0.00013	ND	0.0011	0.00014	ND	0.0011	0.00013	ND	0.0011	0.00014	ND	0.001	0.00012	ND	0.001	0.00013	ND	0.0011	0.00014	ND	0.0011	0.00014
p/m-Xylene	179601-23-1		mg/kg	ND	0.0021	0.00021	0.00032J	0.0022	0.00022	ND	0.0022	0.00021	ND	0.0022	0.00022	ND	0.002	0.0002	ND	0.002	0.0002	ND	0.0023	0.00022	ND	0.0022	0.00021
sec-Butylbenzene	135-98-8	11	mg/kg	ND	0.001	0.00013	ND	0.0011	0.00013	ND	0.0011	0.00013	ND	0.0011	0.00013	ND	0.001	0.00012	ND	0.001	0.00012	ND	0.0011	0.00014	ND	0.0011	0.00013
Styrene	100-42-5		mg/kg	ND	0.0021	0.00042	ND	0.0022	0.00044	ND	0.0022	0.00043	ND	0.0022	0.00044	ND	0.002	0.0004	ND	0.002	0.0004	ND	0.0023	0.00046	ND	0.0022	0.00044
tert-Butylbenzene	98-06-6	5.9	mg/kg	ND	0.0052	0.00014	ND	0.0054	0.00015	ND	0.0054	0.00015	ND	0.0055	0.00015	ND	0.005	0.00014	ND	0.005	0.00014	ND	0.0057	0.00015	ND	0.0054	0.00015
Tetrachloroethene	127-18-4	1.3	mg/kg	ND	0.001	0.00015	ND	0.0011	0.00015	0.0003J	0.0011	0.00015	ND	0.0011	0.00015	ND	0.001	0.00014	ND	0.001	0.00014	ND	0.0011	0.00016	ND	0.0011	0.00015
Toluene	108-88-3	0.7	mg/kg	ND	0.0016	0.0002	ND	0.0016	0.00021	ND	0.0016	0.00021	ND	0.0016	0.00021	ND	0.0015	0.00019	ND	0.0015	0.0002	ND	0.0017	0.00022	ND	0.0016	0.00021
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	ND	0.0016	0.00022	ND	0.0016	0.00023	ND	0.0016	0.00023	ND	0.0016	0.00023	ND	0.0015	0.00021	ND	0.0015	0.00021	ND	0.0017	0.00024	ND	0.0016	0.00023
trans-1,3-Dichloropropene	10061-02-6		mg/kg	ND	0.001	0.00013	ND	0.0011	0.00013	ND	0.0011	0.00013	ND	0.0011	0.00013	ND	0.001	0.00012	ND	0.001	0.00012	ND	0.0011	0.00014	ND	0.0011	0.00013

Table 2 - Soil Analytical Data Summary

LOCATION SAMPLING DATE LAB SAMPLE ID SAMPLE TYPE SAMPLE DEPTH (ft.)				SB-3-4 1/23/2015 L1501634-01 SOIL 4.0-4.5			SB-3-9 1/23/2015 L1501634-02 SOIL 9.5-10.0			SB-3-18 1/23/2015 L1501634-03 SOIL 12.0-12.5			SB-3-20 1/23/2015 L1501634-04 SOIL 19.5-20.0			SB-3-0-6 1/23/2015 L1501634-05 SOIL 0.0-6.0			SB-3-6-12 1/23/2015 L1501634-06 SOIL 6.0-12.0			SB-3-12-16 1/23/2015 L1501634-07 SOIL 12.0-16.0			SB-3-16-20 1/23/2015 L1501634-08 SOIL 16.0-20.0		
	CasNum	NY-UNRES	Units	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL
trans-1,4-Dichloro-2-butene	110-57-6		mg/kg	ND	0.0052	0.00041	ND	0.0054	0.00043	ND	0.0054	0.00042	ND	0.0055	0.00043	ND	0.005	0.00039	ND	0.005	0.0004	ND	0.0057	0.00044	ND	0.0054	0.00042
Trichloroethene	79-01-6	0.47	mg/kg	ND	0.001	0.00013	ND	0.0011	0.00014	ND	0.0011	0.00013	ND	0.0011	0.00014	ND	0.001	0.00012	ND	0.001	0.00013	ND	0.0011	0.00014	ND	0.0011	0.00014
Trichlorofluoromethane	75-69-4		mg/kg	ND	0.0052	0.0004	ND	0.0054	0.00042	ND	0.0054	0.00042	ND	0.0055	0.00042	ND	0.005	0.00039	ND	0.005	0.00039	ND	0.0057	0.00044	ND	0.0054	0.00042
Vinyl acetate	108-05-4		mg/kg	ND	0.01	0.00014	ND	0.011	0.00014	ND	0.011	0.00014	ND	0.011	0.00014	ND	0.01	0.00013	ND	0.01	0.00013	ND	0.011	0.00015	ND	0.011	0.00014
Vinyl chloride	75-01-4	0.02	mg/kg	ND	0.0021	0.00012	ND	0.0022	0.00013	ND	0.0022	0.00013	ND	0.0022	0.00013	ND	0.002	0.00012	ND	0.002	0.00012	ND	0.0023	0.00013	ND	0.0022	0.00013
Xylene (Total)	1330-20-7	0.26	mg/kg	ND	0.0021	0.00018	0.00032J	0.0022	0.00019	ND	0.0022	0.00018	ND	0.0022	0.00019	ND	0.002	0.00017	ND	0.002	0.00017	ND	0.0023	0.0002	ND	0.0022	0.00019

NOTES:

NY-UNRES = New York Unrestricted use Criteria current as of 5/2007
RL = Reporting Limit
MDL = Method Detection Limit
ND = Not Detect
J = Estimated value. The Target Analyte concentration is below the quantitation limit (RL), but above the MDL
RL Exceeds Standard
Exceeds Standard

Table 2 - Soil Analytical Data Summary

LOCATION				SB-4-1			SB-4-6			SB-4-15			SB-4-19-20			SB-4-2-4			SB-4-8-10			SB-4-11-13			SB-4-13-15		
SAMPLING DATE				1/19/2015			1/19/2015			1/19/2015			1/19/2015			1/19/2015			1/19/2015			1/19/2015			1/19/2015		
LAB SAMPLE ID				L1501228-01			L1501228-02			L1501228-03			L1501228-04			L1501228-08			L1501228-05			L1501228-06			L1501228-07		
SAMPLE TYPE				SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
SAMPLE DEPTH (ft.)				0.5-1.0			6.0-6.5			15.0-15.5			19.5-20.0			2.0-4.0			8.0-10.0			11.0-13.0			13.0-15.0		
	CasNum	NY-UNRES	Units	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL
Gasoline Range Organics - Westborough Lab																											
Gasoline Range Organics	NONE		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	3.1	0.06	ND	3.1	0.059	ND	2.6	0.051	ND	2.6	0.051
General Chemistry - Westborough Lab																											
Paint Filter Liquid	PFLT		-	-	-	-	-	-	-	-	-	-	-	-	-	NEGATIVE	0	NA	NEGATIVE	0	NA	POSITIVE	0	NA	NEGATIVE	0	NA
Solids, Total	NONE		%	82.7	0.1	NA	78.3	0.1	NA	95.8	0.1	NA	76.6	0.1	NA	80.6	0.1	NA	81.3	0.1	NA	94.1	0.1	NA	94.2	0.1	NA
Petroleum Hydrocarbon Quantitation - Westborough Lab																											
TPH	NONE		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	6.85J	39.6	2.7	3.46J	39	2.66	3.72J	34.5	2.35	ND	33.3	2.27
Polychlorinated Biphenyls by GC - Westborough Lab																											
Aroclor 1016	12674-11-2	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.0411	0.00325	ND	0.0394	0.00311	ND	0.0343	0.00271	ND	0.0336	0.00266
Aroclor 1221	11104-28-2	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.0411	0.00379	ND	0.0394	0.00363	ND	0.0343	0.00317	ND	0.0336	0.0031
Aroclor 1232	11141-16-5	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.0411	0.00482	ND	0.0394	0.00461	ND	0.0343	0.00402	ND	0.0336	0.00394
Aroclor 1242	53469-21-9	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.0411	0.00503	ND	0.0394	0.00482	ND	0.0343	0.0042	ND	0.0336	0.00412
Aroclor 1248	12672-29-6	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.0411	0.00347	ND	0.0394	0.00332	ND	0.0343	0.0029	ND	0.0336	0.00284
Aroclor 1254	11097-69-1	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.0411	0.00338	ND	0.0394	0.00324	ND	0.0343	0.00282	ND	0.0336	0.00276
Aroclor 1260	11096-82-5	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.0411	0.00313	ND	0.0394	0.003	ND	0.0343	0.00262	ND	0.0336	0.00256
Aroclor 1262	37324-23-5	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.0411	0.00204	ND	0.0394	0.00195	ND	0.0343	0.0017	ND	0.0336	0.00167
Aroclor 1268	11100-14-4	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.0411	0.00596	ND	0.0394	0.00571	ND	0.0343	0.00498	ND	0.0336	0.00488
PCBs, Total	1336-36-3		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.0411	0.00204	ND	0.0394	0.00195	ND	0.0343	0.0017	ND	0.0336	0.00167
Semivolatile Organics by GC/MS - Westborough Lab																											
1,2,4,5-Tetrachlorobenzene	95-94-3		mg/kg	0.22	0.2	0.062	ND	0.21	0.064	ND	0.17	0.053	ND	0.21	0.066	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	120-82-1		mg/kg	1.8	0.2	0.065	ND	0.21	0.068	ND	0.17	0.056	ND	0.21	0.07	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	ND	0.2	0.065	ND	0.21	0.068	ND	0.17	0.056	ND	0.21	0.07	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	ND	0.2	0.063	ND	0.21	0.066	ND	0.17	0.054	ND	0.21	0.067	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	ND	0.2	0.06	ND	0.21	0.063	ND	0.17	0.052	ND	0.21	0.065	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	95-95-4		mg/kg	ND	0.2	0.064	ND	0.21	0.067	ND	0.17	0.055	ND	0.21	0.069	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	88-06-2		mg/kg	ND	0.12	0.038	ND	0.12	0.039	ND	0.1	0.032	ND	0.13	0.04	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	120-83-2		mg/kg	ND	0.18	0.064	ND	0.19	0.067	ND	0.15	0.055	ND	0.19	0.069	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	105-67-9		mg/kg	ND	0.2	0.059	ND	0.21	0.062	ND	0.17	0.051	ND	0.21	0.064	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	51-28-5		mg/kg	ND	0.95	0.27	ND	1	0.28	ND	0.82	0.23	ND	1	0.29	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	121-14-2		mg/kg	ND	0.2	0.043	ND	0.21	0.045	ND	0.17	0.037	ND	0.21	0.046	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	606-20-2		mg/kg	ND	0.2	0.051	ND	0.21	0.053	ND	0.17	0.044	ND	0.21	0.055	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	91-58-7		mg/kg	ND	0.2	0.065	ND	0.21	0.068	ND	0.17	0.056	ND	0.21	0.07	ND	0.2	0.067	ND	0.2	0.065	ND	0.17	0.056	ND	0.17	0.056
2-Chlorophenol	95-57-8		mg/kg	ND	0.2	0.06	ND	0.21	0.063	ND	0.17	0.052	ND	0.21	0.065	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	91-57-6		mg/kg	0.19J	0.24	0.064	ND	0.25	0.066	ND	0.2	0.055	ND	0.26	0.068	ND	0.25	0.066	ND	0.24	0.064	ND	0.21	0.055	ND	0.21	0.055
2-Methylphenol	95-48-7	0.33	mg/kg	ND	0.2	0.064	ND	0.21	0.067	ND	0.17	0.055	ND	0.21	0.069	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	88-74-4		mg/kg	ND	0.2	0.056	ND	0.21	0.059	ND	0.17	0.048	ND	0.21	0.06	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	88-75-5		mg/kg	ND	0.43	0.062	ND	0.45	0.065	ND	0.37	0.053	ND	0.46	0.067	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	91-94-1		mg/kg	ND	0.2	0.053	ND	0.21	0.055	ND	0.17	0.046	ND	0.21	0.057	-	-	-	-	-	-	-	-	-	-	-	-
3-Methylphenol/4-Methylphenol	108-39-4	0.33	mg/kg	ND	0.29	0.065	ND	0.3	0.068	ND	0.25	0.056	ND	0.31	0.07	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	99-09-2		mg/kg	ND	0.2	0.055	ND	0.21	0.057	ND	0.17	0.047	ND	0.21	0.059	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-o-cresol	534-52-1		mg/kg	ND	0.52	0.073	ND	0.54	0.076	ND	0.44	0.063	ND	0.56	0.078	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	101-55-3		mg/kg	ND	0.2	0.046	ND	0.21	0.048	ND	0.17	0.039	ND	0.21	0.049	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	106-47-8		mg/kg	ND	0.2	0.052	ND	0.21	0.055	ND	0.17	0.045	ND	0.21	0.056	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	7005-72-3		mg/kg	ND	0.2	0.06	ND	0.21	0.063	ND	0.17	0.052	ND	0.21	0.065	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	100-01-6		mg/kg	ND	0.2	0.054	ND	0.21	0.056	ND	0.17	0.046	ND	0.21	0.058	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	100-02-7		mg/kg	ND	0.28	0.064	ND	0.29	0.067	ND	0.24	0.055	ND	0.3	0.069	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	83-32-9	20	mg/kg	0.051J	0.16	0.041	ND	0.17	0.043	ND	0.14	0.035	ND	0.17	0.044	ND	0.16	0.042	ND	0.16	0.041	ND	0.14	0.035	ND	0.14	0.036
Acenaphthylene	208-96-8	100	mg/kg	1.1	0.16	0.037	ND	0.17	0.039	ND	0.14	0.032	ND	0.17	0.04	ND	0.16	0.038	ND	0.16	0.037	ND	0.14	0.032	ND	0.14	0.032
Acetophenone	98-86-2		mg/kg	ND	0.2	0.062	ND	0.21	0.064	ND	0.17	0.053	ND	0.21	0.066	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	120-12-7	100	mg/kg	0.85	0.12	0.033	ND	0.12	0.035	ND	0.1	0.028	ND	0.13	0.036	ND	0.12	0.034	ND	0.12	0.033	ND	0.1	0.029	ND	0.1	0.029
Benzo(a)anthracene	56-55-3	1	mg/kg	3.7	0.12	0.039	ND	0.12	0.041	ND	0.1	0.034	ND	0.13	0.042	ND	0.12	0.04	ND	0.12	0.039	ND	0.1	0.034	ND	0.1	0.034
Benzo(a)pyrene	50-32-8	1	mg/kg	2.9	0.16	0.049	ND	0.17	0.051	ND	0.14	0.042	ND	0.17	0.052	ND	0.16	0.05	ND	0.16	0.049	ND	0.14	0.042	ND	0.14	0.042
Benzo(b)fluoranthene	205-99-2	1	mg/kg	5.9	0.12	0.04	ND	0.12	0.042	ND	0.1	0.034	ND	0.13	0.043	ND	0.12	0.042	ND	0.12	0.04	ND	0.1	0.035	ND	0.1	0.035
Benzo(ghi)perylene	191-24-2	100	mg/kg	1.7	0.16	0.041	ND	0.17	0.043	ND	0.14	0.036	ND	0.17	0.044	ND	0.16	0.043	ND	0.16	0.042	ND	0.14	0.036	ND	0.14	0.036
Benzo(k)fluoranthene	207-08-9	0.8	mg/kg	2.2	0.12	0.038	ND	0.12	0.04	ND	0.1	0.033	ND	0.13	0.041	ND	0.12	0.039	ND	0.12	0.038	ND	0.1	0.033	ND	0.1	0.033
Benzoic Acid	65-85-0		mg/kg	ND	0.64	0.2	ND	0.67	0.21	ND	0.55	0.17	ND	0.69	0.22	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol	100-51-6		mg/kg	ND	0.2	0.061	ND	0.21	0.064	ND	0.17	0.053	ND	0.21	0.066	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl	92-52-4		mg/kg	ND	0.45	0.066	ND	0.47	0.069	ND	0.39	0.056	ND	0.49	0.07	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroethoxy)methane	111-91-1		mg/kg	ND	0.21	0.06	ND	0.22	0.063	ND	0.18	0.052	ND	0.23	0.065	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroethyl)ether	111-44-4		mg/kg	ND	0.18	0.056	ND	0.19	0.058	ND	0.15	0.048	ND	0.19	0.06	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroisopropyl)ether	108-60-1		mg/kg	ND	0.24	0.07	ND	0.25	0.073	ND	0.2	0.06	ND	0.26	0.075	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-Ethylhexyl)phthalate	117-81-7		mg/kg	ND	0.2	0.052	ND	0.21	0.054	ND	0.17	0.045	ND	0.21	0.056	-	-	-	-	-	-	-	-	-	-	-	-
Butyl benzyl phthalate	85-68-7		mg/kg	ND	0.2	0.039	ND	0.21	0.041	ND	0.17	0.033	ND	0.21	0.042	-	-	-	-	-	-	-	-	-	-	-	-

Table 2 - Soil Analytical Data Summary

LOCATION				SB-4-1			SB-4-6			SB-4-15			SB-4-19-20			SB-4-2-4			SB-4-8-10			SB-4-11-13			SB-4-13-15		
SAMPLING DATE				1/19/2015			1/19/2015			1/19/2015			1/19/2015			1/19/2015			1/19/2015			1/19/2015			1/19/2015		
LAB SAMPLE ID				L1501228-01			L1501228-02			L1501228-03			L1501228-04			L1501228-08			L1501228-05			L1501228-06			L1501228-07		
SAMPLE TYPE				SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
SAMPLE DEPTH (ft.)				0.5-1.0			6.0-6.5			15.0-15.5			19.5-20.0			2.0-4.0			8.0-10.0			11.0-13.0			13.0-15.0		
	CasNum	NY-UNRES	Units	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL
Carbazole	86-74-8		mg/kg	0.28	0.2	0.043	ND	0.21	0.045	ND	0.17	0.037	ND	0.21	0.046	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	218-01-9	1	mg/kg	4.7	0.12	0.039	ND	0.12	0.041	ND	0.1	0.034	ND	0.13	0.042	ND	0.12	0.04	ND	0.12	0.039	ND	0.1	0.034	ND	0.1	0.034
Di-n-butylphthalate	84-74-2		mg/kg	ND	0.2	0.038	ND	0.21	0.04	ND	0.17	0.033	ND	0.21	0.041	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octylphthalate	117-84-0		mg/kg	ND	0.2	0.049	ND	0.21	0.051	ND	0.17	0.042	ND	0.21	0.053	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	53-70-3	0.33	mg/kg	0.56	0.12	0.038	ND	0.12	0.04	ND	0.1	0.033	ND	0.13	0.041	ND	0.12	0.04	ND	0.12	0.039	ND	0.1	0.033	ND	0.1	0.034
Dibenzofuran	132-64-9	7	mg/kg	0.13J	0.2	0.066	ND	0.21	0.069	ND	0.17	0.057	ND	0.21	0.071	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	84-66-2		mg/kg	ND	0.2	0.042	ND	0.21	0.044	ND	0.17	0.036	ND	0.21	0.045	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	131-11-3		mg/kg	ND	0.2	0.05	ND	0.21	0.053	ND	0.17	0.043	ND	0.21	0.054	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	206-44-0	100	mg/kg	7.2	0.12	0.036	ND	0.12	0.038	ND	0.1	0.031	ND	0.13	0.039	ND	0.12	0.038	ND	0.12	0.037	ND	0.1	0.032	ND	0.1	0.032
Fluorene	86-73-7	30	mg/kg	0.072J	0.2	0.057	ND	0.21	0.06	ND	0.17	0.049	ND	0.21	0.061	ND	0.2	0.059	ND	0.2	0.057	ND	0.17	0.049	ND	0.17	0.05
Hexachlorobenzene	118-74-1	0.33	mg/kg	ND	0.12	0.037	ND	0.12	0.039	ND	0.1	0.032	ND	0.13	0.04	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	87-68-3		mg/kg	ND	0.2	0.056	ND	0.21	0.059	ND	0.17	0.048	ND	0.21	0.06	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	77-47-4		mg/kg	ND	0.57	0.13	ND	0.6	0.13	ND	0.49	0.11	ND	0.61	0.14	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	67-72-1		mg/kg	ND	0.16	0.036	ND	0.17	0.038	ND	0.14	0.031	ND	0.17	0.039	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	193-39-5	0.5	mg/kg	2.1	0.16	0.044	ND	0.17	0.046	ND	0.14	0.038	ND	0.17	0.048	ND	0.16	0.046	ND	0.16	0.044	ND	0.14	0.038	ND	0.14	0.038
Isophorone	78-59-1		mg/kg	ND	0.18	0.053	ND	0.19	0.055	ND	0.15	0.046	ND	0.19	0.057	-	-	-	-	-	-	-	-	-	-	-	-
n-Nitrosodi-n-propylamine	621-64-7		mg/kg	ND	0.2	0.059	ND	0.21	0.062	ND	0.17	0.051	ND	0.21	0.064	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	91-20-3	12	mg/kg	0.24	0.2	0.066	ND	0.21	0.069	ND	0.17	0.057	ND	0.21	0.071	ND	0.2	0.068	0.14J	0.2	0.066	ND	0.17	0.057	ND	0.17	0.058
Nitrobenzene	98-95-3		mg/kg	ND	0.18	0.047	ND	0.19	0.05	ND	0.15	0.041	ND	0.19	0.051	-	-	-	-	-	-	-	-	-	-	-	-
NitrosoDiPhenylAmine(NDPA)/DPA	86-30-6		mg/kg	ND	0.16	0.042	ND	0.17	0.044	ND	0.14	0.036	ND	0.17	0.045	-	-	-	-	-	-	-	-	-	-	-	-
P-Chloro-M-Cresol	59-50-7		mg/kg	ND	0.2	0.058	ND	0.21	0.06	ND	0.17	0.05	ND	0.21	0.062	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	87-86-5	0.8	mg/kg	ND	0.16	0.042	ND	0.17	0.044	ND	0.14	0.037	ND	0.17	0.046	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	85-01-8	100	mg/kg	0.92	0.12	0.039	ND	0.12	0.041	ND	0.1	0.033	ND	0.13	0.042	ND	0.12	0.04	ND	0.12	0.039	ND	0.1	0.034	ND	0.1	0.034
Phenol	108-95-2	0.33	mg/kg	ND	0.2	0.059	ND	0.21	0.062	ND	0.17	0.051	ND	0.21	0.063	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	129-00-0	100	mg/kg	8.5	0.24	0.077	ND	0.12	0.04	ND	0.1	0.033	ND	0.13	0.042	ND	0.12	0.04	ND	0.12	0.039	ND	0.1	0.033	ND	0.1	0.034
TCLP Metals by EPA 1311 - Westborough Lab																											
Arsenic, TCLP	7440-38-2		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	ND	1	0.02	0.04J	1	0.02	ND	1	0.02	ND	1	0.02
Barium, TCLP	7440-39-3		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	0.59	0.5	0.03	0.16J	0.5	0.03	0.3J	0.5	0.03	0.5	0.5	0.03
Cadmium, TCLP	7440-43-9		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.1	0.01	ND	0.1	0.01	ND	0.1	0.01	ND	0.1	0.01
Chromium, TCLP	7440-47-3		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.2	0.02	ND	0.2	0.02	0.03J	0.2	0.02	0.05J	0.2	0.02
Lead, TCLP	7439-92-1		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	0.79	0.5	0.02	ND	0.5	0.02	ND	0.5	0.02	ND	0.5	0.02
Mercury, TCLP	7439-97-6		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.001	0.0003	ND	0.001	0.0003	ND	0.001	0.0003	ND	0.001	0.0003
Selenium, TCLP	7782-49-2		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.5	0.03	ND	0.5	0.03	0.03J	0.5	0.03	ND	0.5	0.03
Silver, TCLP	7440-22-4		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.1	0.02	ND	0.1	0.02	ND	0.1	0.02	ND	0.1	0.02
Total Metals - Westborough Lab																											
Aluminum, Total	7429-90-5		mg/kg	7600	9.2	1.8	10000	10	2	4500	7.7	1.5	5000	9.9	2	11000	9.3	1.9	9600	9.2	1.8	3500	8.1	1.6	5500	8.2	1.6
Antimony, Total	7440-36-0		mg/kg	1.5J	4.6	0.73	4.3J	5.1	0.81	ND	3.9	0.62	ND	4.9	0.79	ND	4.7	0.74	ND	4.6	0.74	ND	4	0.64	ND	4.1	0.65
Arsenic, Total	7440-38-2	13	mg/kg	8.7	0.92	0.18	2.4	1	0.2	1.2	0.77	0.15	1.6	0.99	0.2	3.6	0.93	0.19	2.7	0.92	0.18	0.89	0.81	0.16	0.9	0.82	0.16
Barium, Total	7440-39-3	350	mg/kg	540	0.92	0.28	72	1	0.3	22	0.77	0.23	44	0.99	0.3	130	0.93	0.28	28	0.92	0.28	13	0.81	0.24	25	0.82	0.24
Beryllium, Total	7440-41-7	7.2	mg/kg	0.3J	0.46	0.09	0.69	0.51	0.1	0.2J	0.39	0.08	0.34J	0.49	0.1	0.68	0.47	0.09	0.33J	0.46	0.09	0.15J	0.4	0.08	0.2J	0.41	0.08
Cadmium, Total	7440-43-9	2.5	mg/kg	0.62J	0.92	0.06	ND	1	0.07	ND	0.77	0.05	ND	0.99	0.07	ND	0.93	0.07	ND	0.92	0.07	ND	0.81	0.06	ND	0.82	0.06
Calcium, Total	7440-70-2		mg/kg	16000	9.2	2.8	1100	10	3	670	7.7	2.3	1600	9.9	3	2100	9.3	2.8	380	9.2	2.8	300	8.1	2.4	1200	8.2	2.4
Chromium, Total	7440-47-3		mg/kg	15	0.92	0.18	9.6	1	0.2	8.6	0.77	0.15	16	0.99	0.2	12	0.93	0.19	12	0.92	0.18	6.6	0.81	0.16	13	0.82	0.16
Cobalt, Total	7440-48-4		mg/kg	4.1	1.8	0.46	3.9	2	0.51	5.4	1.5	0.39	5.4	2	0.49	4.7	1.9	0.47	6.3	1.8	0.46	3.4	1.6	0.4	5.7	1.6	0.41
Copper, Total	7440-50-8	50	mg/kg	54	0.92	0.18	7.8	1	0.2	24	0.77	0.15	28	0.99	0.2	19	0.93	0.19	11	0.92	0.18	7.7	0.81	0.16	30	0.82	0.16
Iron, Total	7439-89-6		mg/kg	13000	4.6	1.8	11000	5.1	2	7500	3.9	1.5	9600	4.9	2	13000	4.7	1.9	12000	4.6	1.8	6300	4	1.6	8400	4.1	1.6
Lead, Total	7439-92-1	63	mg/kg	1000	4.6	0.18	17	5.1	0.2	0.92J	3.9	0.15	3.8J	4.9	0.2	180	4.7	0.19	1.9J	4.6	0.18	1.6J	4	0.16	0.5J	4.1	0.16
Magnesium, Total	7439-95-4		mg/kg	2000	9.2	0.92	1500	10	1	1900	7.7	0.77	2400	9.9	0.99	1800	9.3	0.93	1900	9.2	0.92	1400	8.1	0.81	2400	8.2	0.82
Manganese, Total	7439-96-5	1600	mg/kg	260	0.92	0.18	760	1	0.2	270	0.77	0.15	670	0.99	0.2	850	0.93	0.19	320	0.92	0.18	210	0.81	0.16	230	0.82	0.16
Mercury, Total	7439-97-6	0.18	mg/kg	0.29	0.08	0.02	0.08	0.08	0.02	ND	0.07	0.02	ND	0.1	0.02	0.53	0.08	0.02	0.02J	0.08	0.02	ND	0.07	0.02	ND	0.07	0.01
Nickel, Total	7440-02-0	30	mg/kg	13	2.3	0.37	8	2.5	0.4	11	1.9	0.31	15	2.5	0.39	9.9	2.3	0.37	12	2.3	0.37	9	2	0.32	15	2	0.33
Potassium, Total	7440-09-7		mg/kg	650	230	37	330	250	40	330	190	31	560	250	39	550	230	37	380	230	37	270	200	32	400	200	33
Selenium, Total	7782-49-2	3.9	mg/kg	1J	1.8	0.28	ND	2	0.3	0.29J	1.5	0.23	ND	2	0.3	ND	1.9	0.28	0.3J	1.8	0.28	ND	1.6	0.24	ND	1.6	0.24
Silver, Total	7440-22-4	2	mg/kg	0.62J	0.92	0.18	0.2J	1	0.2	ND	0.77	0.15	ND	0.99	0.2	0.28J	0.93	0.19	ND	0.92	0.18	ND	0.81	0.16	ND	0.82	0.16
Sodium, Total	7440-23-5		mg/kg	98J	180	28	31J	200	30	69J	150	23	190J	200	30	43J	190	28	37J	180	28	ND	160	24	180	160	24
Thallium, Total	7440-28-0		mg/kg	ND	1.8	0.37	ND	2	0.4	ND	1.5	0.31	ND	2	0.39	ND	1.9	0.37	ND	1.8	0.37	ND	1.6	0.32	ND	1.6	0.33
Vanadium, Total	7440-62-2		mg/kg	51	0.92	0.09	11	1	0.1	18	0.77	0.08	16	0.99	0.1	15	0.93	0.09	15	0.92	0.09	8.8	0.81	0.08	18	0.82	0.08
Zinc, Total	7440-66-6	109	mg/kg	400	4.6	0.64	27	5.1	0.71	16	3.9	0.54	19	4.9	0.69	66	4.7	0.65	22	4.6	0.65	10	4	0.56	14	4.1	0.57
Volatile Organics by 8260/5035 - Westborough Lab																											
1,1,1,2-Tetrachloroethane	630-20-6		mg/kg	ND	0.0011	0.00036	ND	0.0013	0.00041	ND	0.001	0.00033	ND	0.001	0.00033	ND	0.0011	0.00036	ND	0.0011	0.00035	ND	0.001	0.00033	ND	0.0013	0.0004
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	ND	0.0011	0.00012	ND	0.0013	0.00014	ND	0.001	0.00012	ND	0.001	0.00012	ND	0.0011	0.00012	ND	0.0011	0.00012	ND	0.001	0.00012	ND	0.0013	0.00014
1,1,2,2-Tetrachloroethane	79-34-5		mg/kg	ND	0.0011	0.00011	ND	0.0013	0.00013	ND	0.001	0.0001	ND	0.001	0.00011	ND	0.0011	0.00011	ND	0.0011	0.00011	ND	0.001	0.0001	ND	0.0013	0.00013
1,1,2-Trichloroethane	79-00-5		mg/kg	ND	0.0017	0.00034	ND	0.0019	0.00039	ND	0.0016	0.00032	ND	0.0016	0.00032	ND	0.0017	0.00034	ND	0.0016	0.00033	ND	0.0016	0.00032	ND	0.0019	0.00038

Table 2 - Soil Analytical Data Summary

LOCATION				SB-4-1			SB-4-6			SB-4-15			SB-4-19-20			SB-4-2-4			SB-4-8-10			SB-4-11-13			SB-4-13-15		
SAMPLING DATE				1/19/2015			1/19/2015			1/19/2015			1/19/2015			1/19/2015			1/19/2015			1/19/2015			1/19/2015		
LAB SAMPLE ID				L1501228-01			L1501228-02			L1501228-03			L1501228-04			L1501228-08			L1501228-05			L1501228-06			L1501228-07		
SAMPLE TYPE				SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
SAMPLE DEPTH (ft.)				0.5-1.0			6.0-6.5			15.0-15.5			19.5-20.0			2.0-4.0			8.0-10.0			11.0-13.0			13.0-15.0		
	CasNum	NY-UNRES	Units	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL
1,1-Dichloroethane	75-34-3	0.27	mg/kg	ND	0.0017	0.0001	ND	0.0019	0.00011	ND	0.0016	0.00009	ND	0.0016	0.00009	ND	0.0017	0.0001	ND	0.0016	0.00009	ND	0.0016	0.00009	ND	0.0019	0.00011
1,1-Dichloroethene	75-35-4	0.33	mg/kg	ND	0.0011	0.00029	ND	0.0013	0.00033	ND	0.001	0.00027	ND	0.001	0.00028	ND	0.0011	0.0003	ND	0.0011	0.00029	ND	0.001	0.00027	ND	0.0013	0.00033
1,1-Dichloropropene	563-58-6		mg/kg	ND	0.0056	0.00016	ND	0.0064	0.00018	ND	0.0052	0.00015	ND	0.0053	0.00015	ND	0.0056	0.00016	ND	0.0055	0.00016	ND	0.0052	0.00015	ND	0.0063	0.00018
1,2,3-Trichlorobenzene	87-61-6		mg/kg	ND	0.0056	0.00016	ND	0.0064	0.00019	ND	0.0052	0.00015	ND	0.0053	0.00016	ND	0.0056	0.00017	ND	0.0055	0.00016	ND	0.0052	0.00015	ND	0.0063	0.00019
1,2,3-Trichloropropane	96-18-4		mg/kg	ND	0.011	0.00018	ND	0.013	0.00021	ND	0.01	0.00017	ND	0.01	0.00017	ND	0.011	0.00018	ND	0.011	0.00018	ND	0.01	0.00017	ND	0.013	0.0002
1,2,4,5-Tetramethylbenzene	95-93-2		mg/kg	ND	0.0045	0.00014	ND	0.0051	0.00017	ND	0.0042	0.00014	ND	0.0042	0.00014	ND	0.0045	0.00015	ND	0.0044	0.00014	ND	0.0042	0.00014	ND	0.005	0.00016
1,2,4-Trichlorobenzene	120-82-1		mg/kg	ND	0.0056	0.0002	ND	0.0064	0.00023	ND	0.0052	0.00019	ND	0.0053	0.00019	ND	0.0056	0.0002	ND	0.0055	0.0002	ND	0.0052	0.00019	ND	0.0063	0.00023
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	ND	0.0056	0.00016	ND	0.0064	0.00018	ND	0.0052	0.00015	ND	0.0053	0.00015	ND	0.0056	0.00016	ND	0.0055	0.00016	ND	0.0052	0.00015	ND	0.0063	0.00018
1,2-Dibromo-3-chloropropane	96-12-8		mg/kg	ND	0.0056	0.00044	ND	0.0064	0.0005	ND	0.0052	0.00041	ND	0.0053	0.00042	ND	0.0056	0.00045	ND	0.0055	0.00043	ND	0.0052	0.00041	ND	0.0063	0.0005
1,2-Dibromoethane	106-93-4		mg/kg	ND	0.0045	0.0002	ND	0.0051	0.00022	ND	0.0042	0.00018	ND	0.0042	0.00018	ND	0.0045	0.0002	ND	0.0044	0.00019	ND	0.0042	0.00018	ND	0.005	0.00022
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	ND	0.0056	0.00017	ND	0.0064	0.0002	ND	0.0052	0.00016	ND	0.0053	0.00016	ND	0.0056	0.00017	ND	0.0055	0.00017	ND	0.0052	0.00016	ND	0.0063	0.00019
1,2-Dichloroethane	107-06-2	0.02	mg/kg	ND	0.0011	0.00013	ND	0.0013	0.00014	ND	0.001	0.00012	ND	0.001	0.00012	ND	0.0011	0.00013	ND	0.0011	0.00012	ND	0.001	0.00012	ND	0.0013	0.00014
1,2-Dichloroethene (total)	540-59-0		mg/kg	ND	0.0011	0.00016	ND	0.0013	0.00018	ND	0.001	0.00015	ND	0.001	0.00015	ND	0.0011	0.00016	ND	0.0011	0.00016	ND	0.001	0.00015	ND	0.0013	0.00018
1,2-Dichloropropane	78-87-5		mg/kg	ND	0.0039	0.00026	ND	0.0045	0.00029	ND	0.0036	0.00024	ND	0.0037	0.00024	ND	0.0039	0.00026	ND	0.0038	0.00025	ND	0.0036	0.00024	ND	0.0044	0.00029
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	ND	0.0056	0.00016	ND	0.0064	0.00018	ND	0.0052	0.00015	ND	0.0053	0.00015	ND	0.0056	0.00016	ND	0.0055	0.00016	ND	0.0052	0.00015	ND	0.0063	0.00018
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	ND	0.0056	0.00015	ND	0.0064	0.00017	ND	0.0052	0.00014	ND	0.0053	0.00014	ND	0.0056	0.00015	ND	0.0055	0.00015	ND	0.0052	0.00014	ND	0.0063	0.00017
1,3-Dichloropropane	142-28-9		mg/kg	ND	0.0056	0.00016	ND	0.0064	0.00018	ND	0.0052	0.00015	ND	0.0053	0.00015	ND	0.0056	0.00016	ND	0.0055	0.00016	ND	0.0052	0.00015	ND	0.0063	0.00018
1,3-Dichloropropene, Total	542-75-6		mg/kg	ND	0.0011	0.00013	ND	0.0013	0.00015	ND	0.001	0.00012	ND	0.001	0.00012	ND	0.0011	0.00013	ND	0.0011	0.00013	ND	0.001	0.00012	ND	0.0013	0.00015
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	ND	0.0056	0.00015	ND	0.0064	0.00018	ND	0.0052	0.00014	ND	0.0053	0.00014	ND	0.0056	0.00016	ND	0.0055	0.00015	ND	0.0052	0.00014	ND	0.0063	0.00017
1,4-Diethylbenzene	105-05-5		mg/kg	ND	0.0045	0.00018	ND	0.0051	0.0002	ND	0.0042	0.00017	ND	0.0042	0.00017	ND	0.0045	0.00018	ND	0.0044	0.00018	ND	0.0042	0.00017	ND	0.005	0.0002
1,4-Dioxane	123-91-1	0.1	mg/kg	ND	0.11	0.016	ND	0.13	0.018	ND	0.1	0.015	ND	0.1	0.015	ND	0.11	0.016	ND	0.11	0.016	ND	0.1	0.015	ND	0.13	0.018
2,2-Dichloropropane	594-20-7		mg/kg	ND	0.0056	0.00025	ND	0.0064	0.00029	ND	0.0052	0.00024	ND	0.0053	0.00024	ND	0.0056	0.00025	ND	0.0055	0.00025	ND	0.0052	0.00024	ND	0.0063	0.00028
2-Butanone	78-93-3	0.12	mg/kg	ND	0.011	0.0003	ND	0.013	0.00035	ND	0.01	0.00028	ND	0.01	0.00029	ND	0.011	0.00031	ND	0.011	0.0003	ND	0.01	0.00028	ND	0.013	0.00034
2-Hexanone	591-78-6		mg/kg	ND	0.011	0.00074	ND	0.013	0.00085	ND	0.01	0.0007	ND	0.01	0.0007	ND	0.011	0.00075	ND	0.011	0.00073	ND	0.01	0.00069	ND	0.013	0.00084
4-Ethyltoluene	622-96-8		mg/kg	ND	0.0045	0.00014	ND	0.0051	0.00016	ND	0.0042	0.00013	ND	0.0042	0.00013	ND	0.0045	0.00014	ND	0.0044	0.00014	ND	0.0042	0.00013	ND	0.005	0.00016
4-Methyl-2-pentanone	108-10-1		mg/kg	ND	0.011	0.00027	ND	0.013	0.00031	ND	0.01	0.00025	ND	0.01	0.00026	ND	0.011	0.00028	ND	0.011	0.00027	ND	0.01	0.00025	ND	0.013	0.00031
Acetone	67-64-1	0.05	mg/kg	ND	0.011	0.0012	ND	0.013	0.0013	ND	0.01	0.0011	ND	0.01	0.0011	0.0016J	0.011	0.0012	ND	0.011	0.0011	0.0027J	0.01	0.0011	0.0066J	0.013	0.0013
Acrylonitrile	107-13-1		mg/kg	ND	0.011	0.00058	ND	0.013	0.00066	ND	0.01	0.00054	ND	0.01	0.00054	ND	0.011	0.00058	ND	0.011	0.00056	ND	0.01	0.00054	ND	0.013	0.00065
Benzene	71-43-2	0.06	mg/kg	ND	0.0011	0.00013	ND	0.0013	0.00015	ND	0.001	0.00012	ND	0.001	0.00012	ND	0.0011	0.00013	ND	0.0011	0.00013	ND	0.001	0.00012	ND	0.0013	0.00015
Bromobenzene	108-86-1		mg/kg	ND	0.0056	0.00023	ND	0.0064	0.00026	ND	0.0052	0.00022	ND	0.0053	0.00022	ND	0.0056	0.00023	ND	0.0055	0.00023	ND	0.0052	0.00022	ND	0.0063	0.00026
Bromochloromethane	74-97-5		mg/kg	ND	0.0056	0.00031	ND	0.0064	0.00035	ND	0.0052	0.00029	ND	0.0053	0.00029	ND	0.0056	0.00031	ND	0.0055	0.0003	ND	0.0052	0.00029	ND	0.0063	0.00035
Bromodichloromethane	75-27-4		mg/kg	ND	0.0011	0.00019	ND	0.0013	0.00022	ND	0.001	0.00018	ND	0.001	0.00018	ND	0.0011	0.0002	ND	0.0011	0.00019	ND	0.001	0.00018	ND	0.0013	0.00022
Bromoform	75-25-2		mg/kg	ND	0.0045	0.00026	ND	0.0051	0.0003	ND	0.0042	0.00025	ND	0.0042	0.00025	ND	0.0045	0.00027	ND	0.0044	0.00026	ND	0.0042	0.00024	ND	0.005	0.0003
Bromomethane	74-83-9		mg/kg	ND	0.0022	0.00038	ND	0.0026	0.00043	ND	0.0021	0.00035	ND	0.0021	0.00036	ND	0.0022	0.00038	ND	0.0022	0.00037	ND	0.0021	0.00035	ND	0.0025	0.00043
Carbon disulfide	75-15-0		mg/kg	ND	0.011	0.0012	ND	0.013	0.0014	ND	0.01	0.0012	ND	0.01	0.0012	ND	0.011	0.0012	ND	0.011	0.0012	ND	0.01	0.0011	ND	0.013	0.0014
Carbon tetrachloride	56-23-5	0.76	mg/kg	ND	0.0011	0.00024	ND	0.0013	0.00027	ND	0.001	0.00022	ND	0.001	0.00022	ND	0.0011	0.00024	ND	0.0011	0.00023	ND	0.001	0.00022	ND	0.0013	0.00026
Chlorobenzene	108-90-7	1.1	mg/kg	ND	0.0011	0.00039	ND	0.0013	0.00044	ND	0.001	0.00036	ND	0.001	0.00037	ND	0.0011	0.00039	ND	0.0011	0.00038	ND	0.001	0.00036	ND	0.0013	0.00044
Chloroethane	75-00-3		mg/kg	ND	0.0022	0.00035	ND	0.0026	0.0004	ND	0.0021	0.00033	ND	0.0021	0.00033	ND	0.0022	0.00036	ND	0.0022	0.00035	ND	0.0021	0.00033	ND	0.0025	0.0004
Chloroform	67-66-3	0.37	mg/kg	ND	0.0017	0.00041	ND	0.0019	0.00047	ND	0.0016	0.00039	ND	0.0016	0.00039	ND	0.0017	0.00042	ND	0.0016	0.00041	ND	0.0016	0.00038	ND	0.0019	0.00047
Chloromethane	74-87-3		mg/kg	ND	0.0056	0.00033	ND	0.0064	0.00038	ND	0.0052	0.00031	ND	0.0053	0.00031	ND	0.0056	0.00033	ND	0.0055	0.00032	ND	0.0052	0.00031	ND	0.0063	0.00037
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	ND	0.0011	0.00016	ND	0.0013	0.00018	ND	0.001	0.00015	ND	0.001	0.00015	ND	0.0011	0.00016	ND	0.0011	0.00016	ND	0.001	0.00015	ND	0.0013	0.00018
cis-1,3-Dichloropropene	10061-01-5		mg/kg	ND	0.0011	0.00013	ND	0.0013	0.00015	ND	0.001	0.00012	ND	0.001	0.00012	ND	0.0011	0.00013	ND	0.0011	0.00013	ND	0.001	0.00012	ND	0.0013	0.00015
Dibromochloromethane	124-48-1		mg/kg	ND	0.0011	0.00017	ND	0.0013	0.0002	ND	0.001	0.00016	ND	0.001	0.00016	ND	0.0011	0.00017	ND	0.0011	0.00017	ND	0.001	0.00016	ND	0.0013	0.00019
Dibromomethane	74-95-3		mg/kg	ND	0.011	0.00018	ND	0.013	0.00021	ND	0.01	0.00017	ND	0.01	0.00017	ND	0.011	0.00018	ND	0.011	0.00018	ND	0.01	0.00017	ND	0.013	0.00021
Dichlorodifluoromethane	75-71-8		mg/kg	ND	0.011	0.00021	ND	0.013	0.00024	ND	0.01	0.0002	ND	0.01	0.0002	ND	0.011	0.00022	ND	0.011	0.00021	ND	0.01	0.0002	ND	0.013	0.00024
Ethyl ether	60-29-7		mg/kg	ND	0.0056	0.00029	ND	0.0064	0.00033	ND	0.0052	0.00027	ND	0.0053	0.00027	ND	0.0056	0.00029	ND	0.0055	0.00028	ND	0.0052	0.00027	ND	0.0063	0.00033
Ethylbenzene	100-41-4	1	mg/kg	ND	0.0011	0.00014	ND	0.0013	0.00016	ND	0.001	0.00013	ND	0.001	0.00013	ND	0.0011	0.00014	ND	0.0011	0.00014	ND	0.001	0.00013	ND	0.0013	0.00016
Hexachlorobutadiene	87-68-3		mg/kg	ND	0.0056	0.00026	ND	0.0064	0.00029	ND	0.0052	0.00024	ND	0.0053	0.00024	ND	0.0056	0.00026	ND	0.0055	0.00025	ND	0.0052	0.00024	ND	0.0063	0.00029
Isopropylbenzene	98-82-8		mg/kg	ND	0.0011	0.00012	ND	0.0013	0.00013	ND	0.001	0.00011	ND	0.001	0.00011	ND	0.0011	0.00012	ND	0.0011	0.00011	ND	0.001	0.00011	ND	0.0013	0.00013
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	ND	0.0022	0.00009	ND	0.0026	0.00011	ND	0.0021	0.00009	ND	0.0021	0.00009	ND	0.0022	0.0001	ND	0.0022	0.00009	ND	0.0021	0.00009	ND	0.0025	0.00011
Methylene chloride	75-09-2	0.05	mg/kg	ND	0.011	0.0012	ND	0.013	0.0014	ND	0.01	0.0012	ND	0.01	0.0012	ND	0.011	0.0012	ND	0.011	0.0012	ND	0.01	0.0012	ND	0.013	0.0014
n-Butylbenzene	104-51-8	12	mg/kg	ND	0.0011	0.00013	ND	0.0013	0.00015	ND	0.001	0.00012	ND	0.001	0.00012	ND	0.0011	0.00013	ND	0.0011	0.00013	ND	0.001	0.00012	ND	0.0013	0.00014
n-Propylbenzene	103-65-1	3.9	mg/kg	ND	0.0011	0.00012	ND	0.0013	0.00014	ND	0.001	0.00011	ND	0.001	0.00011	ND	0.0011	0.00012	ND	0.0011	0.00012	ND	0.001	0.00011	ND	0.0013	0.00014
Naphthalene	91-20-3	12	mg/kg	0.0036J	0.0056	0.00015	ND	0.0064	0.00018	ND	0.0052	0.00014	ND	0.0053	0.00014	ND	0.0056	0.00016	ND	0.0055	0.00015	ND	0.0052	0.00014	ND	0.0063	0.00017
o-Chlorotoluene	95-49-8		mg/kg	ND	0.0056	0.00018	ND	0.0064	0.0002	ND	0.0052	0.00017	ND	0.0053	0.00017	ND	0.0056	0.00018	ND	0.0055	0.00018	ND	0.0052	0.00017	ND	0.0063	0.0002
o-Xylene	95-47-6		mg/kg	ND	0.0022	0.00019	ND	0.0026	0.00022	ND	0.0021	0.00018	ND	0.0021	0.00018	ND	0.0022	0.00019	ND	0.0022	0.00019	ND	0.0021	0.00018	ND	0.0025	0.00022
p-Chlorotoluene	106-43-4		mg/kg	ND	0.0056	0.00015	ND	0.0064	0.00017	ND	0.0052	0.00014	ND	0.0053	0.00014	ND	0.0056	0.00015	ND	0.0055	0.00014	ND	0.0052	0.00014	ND	0.0063	0.00017
p-Isopropyltoluene	99-87-6		mg/kg	ND	0.0011	0.00014	ND	0.0013	0.00016	ND	0.001	0.00013	ND	0.001	0.00013	ND	0.0011	0.00014	ND	0.0011	0.00014	ND	0.001	0.00013	ND	0.0013	0.00016
p/m-Xylene	179601-23-1		mg/kg	ND	0.0022	0.00022	ND	0.0026	0.00025	ND	0.0021	0.00021	ND	0.0021	0.00021	ND	0.0022	0.00022	ND	0.0022	0.00022	ND	0.0021	0.00021	ND	0.0025	0.00025
sec-Butylbenzene	135-98-8	11	mg/kg	ND	0.0011	0.00014	ND	0.0013	0.00016	ND	0.001	0.00013	ND	0.001	0.00013	ND	0.0011	0.00014	ND	0.0011	0.00013	ND	0.001	0.00013	ND	0.0013	0.00015
Styrene	100-42-5		mg/kg	ND	0.0022	0.00045	ND	0.0026	0.00051	ND	0.0021	0.00042	ND	0.0021	0.00042	ND	0.0022	0.00045	ND	0.0022	0.00044	ND	0.0021	0.00042	ND	0.0025	0.00051
tert-Butylbenzene	98-06-6	5.9	mg/kg	ND	0.0056	0.00015	ND	0.0064	0.00017	ND	0.0052	0.00014	ND	0.0053	0.00014	ND	0.0056	0.00015	ND	0.0055	0.00015	ND	0.0052	0.00014	ND	0.0063	0.00017
Tetrachloroethene	127-18-4	1.3	mg/kg	ND	0.0011	0.00016	0.00027J	0.0013	0.00018	ND	0.001	0.00015	ND	0.001	0.00015	ND	0.0011	0.00016	ND	0.0011	0.00015	ND	0.001	0.00015	ND	0.0013	0.00018
Toluene	108-88-3	0.7	mg/kg	ND	0.0017	0.00022	ND	0.0019	0.00025	ND	0.0016	0.0002	ND	0.0016	0.0002	0.00027J	0.0017	0.00022	0.00026J	0.0016	0.00021	0.00022J	0.0016	0.0002	0.0003J	0.0019	0.00025

Table 2 - Soil Analytical Data Summary

LOCATION				SB-4-1			SB-4-6			SB-4-15			SB-4-19-20			SB-4-2-4			SB-4-8-10			SB-4-11-13			SB-4-13-15		
SAMPLING DATE				1/19/2015			1/19/2015			1/19/2015			1/19/2015			1/19/2015			1/19/2015			1/19/2015			1/19/2015		
LAB SAMPLE ID				L1501228-01			L1501228-02			L1501228-03			L1501228-04			L1501228-08			L1501228-05			L1501228-06			L1501228-07		
SAMPLE TYPE				SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
SAMPLE DEPTH (ft.)				0.5-1.0			6.0-6.5			15.0-15.5			19.5-20.0			2.0-4.0			8.0-10.0			11.0-13.0			13.0-15.0		
	CasNum	NY-UNRES	Units	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	ND	0.0017	0.00024	ND	0.0019	0.00027	ND	0.0016	0.00022	ND	0.0016	0.00022	ND	0.0017	0.00024	ND	0.0016	0.00023	ND	0.0016	0.00022	ND	0.0019	0.00027
trans-1,3-Dichloropropene	10061-02-6		mg/kg	ND	0.0011	0.00014	ND	0.0013	0.00015	ND	0.001	0.00013	ND	0.001	0.00013	ND	0.0011	0.00014	ND	0.0011	0.00013	ND	0.001	0.00012	ND	0.0013	0.00015
trans-1,4-Dichloro-2-butene	110-57-6		mg/kg	ND	0.0056	0.00044	ND	0.0064	0.0005	ND	0.0052	0.00041	ND	0.0053	0.00041	ND	0.0056	0.00044	ND	0.0055	0.00043	ND	0.0052	0.00041	ND	0.0063	0.0005
Trichloroethene	79-01-6	0.47	mg/kg	ND	0.0011	0.00014	ND	0.0013	0.00016	ND	0.001	0.00013	ND	0.001	0.00013	ND	0.0011	0.00014	ND	0.0011	0.00014	ND	0.001	0.00013	ND	0.0013	0.00016
Trichlorofluoromethane	75-69-4		mg/kg	ND	0.0056	0.00043	ND	0.0064	0.0005	ND	0.0052	0.0004	ND	0.0053	0.00041	ND	0.0056	0.00044	ND	0.0055	0.00043	ND	0.0052	0.0004	ND	0.0063	0.00049
Vinyl acetate	108-05-4		mg/kg	ND	0.011	0.00015	ND	0.013	0.00017	ND	0.01	0.00014	ND	0.01	0.00014	ND	0.011	0.00015	ND	0.011	0.00014	ND	0.01	0.00014	ND	0.013	0.00017
Vinyl chloride	75-01-4	0.02	mg/kg	ND	0.0022	0.00013	ND	0.0026	0.00015	ND	0.0021	0.00012	ND	0.0021	0.00012	ND	0.0022	0.00013	ND	0.0022	0.00013	ND	0.0021	0.00012	ND	0.0025	0.00015
Xylene (Total)	1330-20-7	0.26	mg/kg	ND	0.0022	0.00019	ND	0.0026	0.00022	ND	0.0021	0.00018	ND	0.0021	0.00018	ND	0.0022	0.00019	ND	0.0022	0.00019	ND	0.0021	0.00018	ND	0.0025	0.00022

NOTES:
NY-UNRES = New York Unrestricted use Criteria current as of 5/2007
RL = Reporting Limit
MDL = Method Detection Limit
ND = Not Detect
J = Estimated value. The Target Analyte concentration is below the quantitation limit (RL), but above the MDL
RL Exceeds Standard
Exceeds Standard

Table 2 - Soil Analytical Data Summary

LOCATION				SB-5-1-5			SB-5-6-10			SB-5-11-15			SB-5-16-20			SB-5-3			SB-5-17			SB-5-20		
SAMPLING DATE				2/13/2015			2/13/2015			2/13/2015			2/13/2015			2/13/2015			2/13/2015			2/13/2015		
LAB SAMPLE ID				L1502879-10			L1502879-11			L1502879-12			L1502879-13			L1502879-14			L1502879-15			L1502879-16		
SAMPLE TYPE				SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
SAMPLE DEPTH (ft.)				1.0-5.0			6.0-10.0			11.0-15.0			16.0-20.0			3.0-3.5			17.0-17.5			19.5-20.0		
	CasNum	NY-UNRES	Units	RESULTS	RL	MDL	RESULTS	RL	MDL	RESULTS	RL	MDL	RESULTS	RL	MDL	RESULTS	RL	MDL	RESULTS	RL	MDL	RESULTS	RL	MDL
Gasoline Range Organics - Westborough Lab																								
Gasoline Range Organics	NONE		mg/kg	ND	2.8	0.054	ND	2.8	0.053	ND	2.7	0.053	ND	2.6	0.049	-	-	-	-	-	-	-	-	-
General Chemistry - Westborough Lab																								
Paint Filter Liquid	PFLT		-	NEGATIVE	0	NA	NEGATIVE	0	NA	NEGATIVE	0	NA	NEGATIVE	0	NA	-	-	-	-	-	-	-	-	-
Solids, Total	NONE		%	85.4	0.1	NA	84	0.1	NA	88.3	0.1	NA	93.4	0.1	NA	85.7	0.1	NA	95.2	0.1	NA	90.2	0.1	NA
Petroleum Hydrocarbon Quantitation - Westborough Lab																								
TPH	NONE		mg/kg	6.44J	37.4	2.55	ND	38.6	2.63	4.62J	36.8	2.51	ND	34.4	2.35	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC - Westborough Lab																								
Aroclor 1016	12674-11-2	0.1	mg/kg	ND	0.0368	0.00291	ND	0.0386	0.00305	ND	0.036	0.00284	ND	0.0337	0.00266	-	-	-	-	-	-	-	-	-
Aroclor 1221	11104-28-2	0.1	mg/kg	ND	0.0368	0.0034	ND	0.0386	0.00356	ND	0.036	0.00332	ND	0.0337	0.0031	-	-	-	-	-	-	-	-	-
Aroclor 1232	11141-16-5	0.1	mg/kg	ND	0.0368	0.00432	ND	0.0386	0.00452	ND	0.036	0.00422	ND	0.0337	0.00394	-	-	-	-	-	-	-	-	-
Aroclor 1242	53469-21-9	0.1	mg/kg	ND	0.0368	0.00451	ND	0.0386	0.00472	ND	0.036	0.0044	ND	0.0337	0.00412	-	-	-	-	-	-	-	-	-
Aroclor 1248	12672-29-6	0.1	mg/kg	ND	0.0368	0.00311	ND	0.0386	0.00326	ND	0.036	0.00304	ND	0.0337	0.00284	-	-	-	-	-	-	-	-	-
Aroclor 1254	11097-69-1	0.1	mg/kg	ND	0.0368	0.00303	ND	0.0386	0.00317	ND	0.036	0.00296	ND	0.0337	0.00277	-	-	-	-	-	-	-	-	-
Aroclor 1260	11096-82-5	0.1	mg/kg	ND	0.0368	0.00281	ND	0.0386	0.00294	ND	0.036	0.00274	ND	0.0337	0.00256	-	-	-	-	-	-	-	-	-
Aroclor 1262	37324-23-5	0.1	mg/kg	ND	0.0368	0.00183	ND	0.0386	0.00191	ND	0.036	0.00178	ND	0.0337	0.00167	-	-	-	-	-	-	-	-	-
Aroclor 1268	11100-14-4	0.1	mg/kg	ND	0.0368	0.00534	ND	0.0386	0.00559	ND	0.036	0.00522	ND	0.0337	0.00488	-	-	-	-	-	-	-	-	-
PCBs, Total	1336-36-3		mg/kg	ND	0.0368	0.00183	ND	0.0386	0.00191	ND	0.036	0.00178	ND	0.0337	0.00167	-	-	-	-	-	-	-	-	-
Semivolatile Organics by GC/MS - Westborough Lab																								
1,2,4,5-Tetrachlorobenzene	95-94-3		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.059	ND	0.17	0.053	ND	0.18	0.056
1,2,4-Trichlorobenzene	120-82-1		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.063	ND	0.17	0.056	ND	0.18	0.06
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.063	ND	0.17	0.056	ND	0.18	0.06
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.06	ND	0.17	0.054	ND	0.18	0.057
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.058	ND	0.17	0.052	ND	0.18	0.055
2,4,5-Trichlorophenol	95-95-4		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.062	ND	0.17	0.055	ND	0.18	0.059
2,4,6-Trichlorophenol	88-06-2		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.11	0.036	ND	0.1	0.032	ND	0.11	0.034
2,4-Dichlorophenol	120-83-2		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.17	0.062	ND	0.15	0.055	ND	0.16	0.059
2,4-Dimethylphenol	105-67-9		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.057	ND	0.17	0.051	ND	0.18	0.054
2,4-Dinitrophenol	51-28-5		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.92	0.26	ND	0.82	0.23	ND	0.87	0.25
2,4-Dinitrotoluene	121-14-2		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.041	ND	0.17	0.037	ND	0.18	0.039
2,6-Dinitrotoluene	606-20-2		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.049	ND	0.17	0.043	ND	0.18	0.047
2-Chloronaphthalene	91-58-7		mg/kg	ND	0.19	0.063	ND	0.19	0.063	ND	0.18	0.06	ND	0.18	0.057	ND	0.19	0.062	ND	0.17	0.055	ND	0.18	0.059
2-Chlorophenol	95-57-8		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.058	ND	0.17	0.051	ND	0.18	0.055
2-Methylnaphthalene	91-57-6		mg/kg	ND	0.23	0.062	ND	0.23	0.062	ND	0.22	0.059	ND	0.21	0.056	ND	0.23	0.061	ND	0.2	0.054	ND	0.22	0.058
2-Methylphenol	95-48-7	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.062	ND	0.17	0.055	ND	0.18	0.059
2-Nitroaniline	88-74-4		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.054	ND	0.17	0.048	ND	0.18	0.051
2-Nitrophenol	88-75-5		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.41	0.06	ND	0.37	0.053	ND	0.39	0.057
3,3'-Dichlorobenzidine	91-94-1		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.051	ND	0.17	0.045	ND	0.18	0.048
3-Methylphenol/4-Methylphenol	108-39-4	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.28	0.063	ND	0.24	0.056	ND	0.26	0.06
3-Nitroaniline	99-09-2		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.053	ND	0.17	0.047	ND	0.18	0.05
4,6-Dinitro-o-cresol	534-52-1		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.5	0.07	ND	0.44	0.062	ND	0.47	0.067
4-Bromophenyl phenyl ether	101-55-3		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.044	ND	0.17	0.039	ND	0.18	0.042
4-Chloroaniline	106-47-8		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.05	ND	0.17	0.045	ND	0.18	0.048
4-Chlorophenyl phenyl ether	7005-72-3		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.058	ND	0.17	0.052	ND	0.18	0.055
4-Nitroaniline	100-01-6		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.052	ND	0.17	0.046	ND	0.18	0.049
4-Nitrophenol	100-02-7		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.27	0.062	ND	0.24	0.055	ND	0.25	0.059
Acenaphthene	83-32-9	20	mg/kg	ND	0.15	0.04	ND	0.15	0.04	ND	0.15	0.038	ND	0.14	0.036	ND	0.15	0.039	ND	0.14	0.035	ND	0.14	0.038
Acenaphthylene	208-96-8	100	mg/kg	ND	0.15	0.036	ND	0.15	0.036	ND	0.15	0.034	ND	0.14	0.033	ND	0.15	0.036	ND	0.14	0.032	ND	0.14	0.034
Acetophenone	98-86-2		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.059	ND	0.17	0.053	ND	0.18	0.056
Anthracene	120-12-7	100	mg/kg	ND	0.12	0.032	ND	0.12	0.032	ND	0.11	0.031	ND	0.1	0.029	ND	0.11	0.032	ND	0.1	0.028	ND	0.11	0.03
Benzo(a)anthracene	56-55-3	1	mg/kg	ND	0.12	0.038	ND	0.12	0.038	ND	0.11	0.036	ND	0.1	0.034	0.041J	0.11	0.037	ND	0.1	0.033	ND	0.11	0.036
Benzo(a)pyrene	50-32-8	1	mg/kg	ND	0.15	0.047	ND	0.15	0.047	ND	0.15	0.045	ND	0.14	0.043	0.047J	0.15	0.047	ND	0.14	0.042	ND	0.14	0.044
Benzo(b)fluoranthene	205-99-2	1	mg/kg	ND	0.12	0.039	ND	0.12	0.039	ND	0.11	0.037	ND	0.1	0.035	0.066J	0.11	0.039	ND	0.1	0.034	ND	0.11	0.037
Benzo(ghi)perylene	191-24-2	100	mg/kg	ND	0.15	0.04	ND	0.15	0.04	ND	0.15	0.038	ND	0.14	0.036	ND	0.15	0.04	ND	0.14	0.035	ND	0.14	0.038
Benzo(k)fluoranthene	207-08-9	0.8	mg/kg	ND	0.12	0.037	ND	0.12	0.037	ND	0.11	0.035	ND	0.1	0.033	ND	0.11	0.036	ND	0.1	0.032	ND	0.11	0.035
Benzoic Acid	65-85-0		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.62	0.19	ND	0.55	0.17	ND	0.59	0.18
Benzyl Alcohol	100-51-6		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.059	ND	0.17	0.052	ND	0.18	0.056
Biphenyl	92-52-4		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.44	0.063	ND	0.39	0.056	ND	0.42	0.06
Bis(2-chloroethoxy)methane	111-91-1		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.21	0.058	ND	0.18	0.051	ND	0.2	0.055
Bis(2-chloroethyl)ether	111-44-4		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.17	0.054	ND	0.15	0.048	ND	0.16	0.051
Bis(2-chloroisopropyl)ether	108-60-1		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.23	0.067	ND	0.2	0.06	ND	0.22	0.064
Bis(2-Ethylhexyl)phthalate	117-81-7		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.05	ND	0.17	0.044	ND	0.18	0.048
Butyl benzyl phthalate	85-68-7		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.037	ND	0.17	0.033	ND	0.18	0.036
Carbazole	86-74-8		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.041	ND	0.17	0.036	ND	0.18	0.039
Chrysene	218-01-9	1	mg/kg	ND	0.12	0.038	ND	0.12	0.038	ND	0.11	0.036	ND	0.1	0.034	0.049J	0.11	0.038	ND	0.1	0.033	ND	0.11	0.036
Di-n-butylphthalate	84-74-2		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.037	ND	0.17	0.033	ND	0.18	0.035
Di-n-octylphthalate	117-84-0		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.047	ND	0.17	0.042	ND	0.18	0.045
Dibenzo(a,h)anthracene	53-70-3	0.33	mg/kg	ND	0.12	0.037	ND	0.12	0.037	ND	0.11	0.036	ND	0.1	0.034	ND	0.11	0.037	ND	0.1	0.033	ND	0.11	0.035
Dibenzofuran	132-64-9	7	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.064	ND	0.17	0.057	ND	0.18	0.061
Diethyl phthalate	84-66-2		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.04	ND	0.17	0.036	ND	0.18	0.038
Dimethyl phthalate	131-11-3		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.049	ND	0.17	0.043	ND	0.18	0.046
Fluoranthene	206-44-0	100	mg/kg	ND	0.12	0.035	ND	0.12	0.036	ND	0.11	0.034	ND	0.1	0.032	0.048J	0.11	0.035	ND	0.1	0.031	ND	0.11	0.033
Fluorene	86-73-7	30	mg/kg	ND	0.19	0.055	ND	0.19	0.055	ND	0.18	0.053	ND	0.18	0.05	ND	0.19	0.055	ND	0.17	0.049	ND	0.18	0.052
Hexachlorobenzene	118-74-1	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.11	0.036	ND	0.1	0.032	ND	0.11	0.034
Hexachlorobutadiene	87-68-3		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.054	ND	0.17	0.048	ND	0.18	0.051
Hexachlorocyclopentadiene	77-47-4		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.55	0.12	ND	0.49	0.11	ND	0.52	0.12
Hexachloroethane	67-72-1		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.15	0.035	ND	0.14	0.031	ND	0.14	0.033
Indeno(1,2,3-cd)Pyrene	193-39-5	0.5	mg/kg	ND	0.15	0.043	ND	0.15	0.043	ND	0.15	0.041	ND	0.14	0.039	ND	0.15	0.042	ND	0.14	0.038	ND	0.14	0.04

LOCATION				SB-5-1-5			SB-5-6-10			SB-5-11-15			SB-5-16-20			SB-5-3			SB-5-17			SB-5-20		
SAMPLING DATE				2/13/2015			2/13/2015			2/13/2015			2/13/2015			2/13/2015			2/13/2015			2/13/2015		
LAB SAMPLE ID				L1502879-10			L1502879-11			L1502879-12			L1502879-13			L1502879-14			L1502879-15			L1502879-16		
SAMPLE TYPE				SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
SAMPLE DEPTH (ft.)				1.0-5.0			6.0-10.0			11.0-15.0			16.0-20.0			3.0-3.5			17.0-17.5			19.5-20.0		
Isophorone	78-59-1		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.17	0.051	ND	0.15	0.045	ND	0.16	0.048
n-Nitrosodi-n-propylamine	621-64-7		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.057	ND	0.17	0.051	ND	0.18	0.054
Naphthalene	91-20-3	12	mg/kg	ND	0.19	0.064	ND	0.19	0.064	ND	0.18	0.061	ND	0.18	0.058	ND	0.19	0.064	ND	0.17	0.056	ND	0.18	0.06
Nitrobenzene	98-95-3		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.17	0.046	ND	0.15	0.04	ND	0.16	0.043
NitrosoDiPhenylAmine(NDPA)/DPA	86-30-6		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.15	0.04	ND	0.14	0.036	ND	0.14	0.038
P-Chloro-M-Cresol	59-50-7		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.056	ND	0.17	0.049	ND	0.18	0.053
Pentachlorophenol	87-86-5	0.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.15	0.041	ND	0.14	0.036	ND	0.14	0.039
Phenanthrene	85-01-8	100	mg/kg	ND	0.12	0.038	ND	0.12	0.038	ND	0.11	0.036	ND	0.1	0.034	ND	0.11	0.037	ND	0.1	0.033	ND	0.11	0.036
Phenol	108-95-2	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	ND	0.19	0.057	ND	0.17	0.05	ND	0.18	0.054
Pyrene	129-00-0	100	mg/kg	ND	0.12	0.038	ND	0.12	0.038	ND	0.11	0.036	ND	0.1	0.034	0.049J	0.11	0.037	ND	0.1	0.033	ND	0.11	0.035
TCLP Metals by EPA 1311 - Westborough Lab																								
Arsenic, TCLP	7440-38-2		mg/l	ND	1	0.02	0.05J	1	0.02	ND	1	0.02	ND	1	0.02	-	-	-	-	-	-	-	-	-
Barium, TCLP	7440-39-3		mg/l	0.66	0.5	0.03	0.31J	0.5	0.03	0.33J	0.5	0.03	0.3J	0.5	0.03	-	-	-	-	-	-	-	-	-
Cadmium, TCLP	7440-43-9		mg/l	ND	0.1	0.01	ND	0.1	0.01	ND	0.1	0.01	ND	0.1	0.01	-	-	-	-	-	-	-	-	-
Chromium, TCLP	7440-47-3		mg/l	ND	0.2	0.02	ND	0.2	0.02	ND	0.2	0.02	0.08J	0.2	0.02	-	-	-	-	-	-	-	-	-
Lead, TCLP	7439-92-1		mg/l	0.24J	0.5	0.02	ND	0.5	0.02	0.03J	0.5	0.02	ND	0.5	0.02	-	-	-	-	-	-	-	-	-
Mercury, TCLP	7439-97-6		mg/l	ND	0.001	0.0003	ND	0.001	0.0003	ND	0.001	0.0003	ND	0.001	0.0003	-	-	-	-	-	-	-	-	-
Selenium, TCLP	7782-49-2		mg/l	ND	0.5	0.03	0.04J	0.5	0.03	0.03J	0.5	0.03	ND	0.5	0.03	-	-	-	-	-	-	-	-	-
Silver, TCLP	7440-22-4		mg/l	0.03J	0.1	0.02	0.02J	0.1	0.02	0.03J	0.1	0.02	ND	0.1	0.02	-	-	-	-	-	-	-	-	-
Total Metals - Westborough Lab																								
Aluminum, Total	7429-90-5		mg/kg	11000	9.2	1.8	10000	9.4	1.9	11000	8.4	1.7	5600	7.9	1.6	9500	9.2	1.8	5200	8	1.6	3900	8.6	1.7
Antimony, Total	7440-36-0		mg/kg	2J	4.6	0.74	2.8J	4.7	0.75	ND	4.2	0.67	ND	4	0.63	1J	4.6	0.74	ND	4	0.64	ND	4.3	0.68
Arsenic, Total	7440-38-2	13	mg/kg	17	0.92	0.18	6.6	0.94	0.19	8.4	0.84	0.17	3	0.79	0.16	6.6	0.92	0.18	3.2	0.8	0.16	3	0.86	0.17
Barium, Total	7440-39-3	350	mg/kg	96	0.92	0.28	44	0.94	0.28	38	0.84	0.25	39	0.79	0.24	83	0.92	0.28	58	0.8	0.24	30	0.86	0.26
Beryllium, Total	7440-41-7	7.2	mg/kg	0.61	0.46	0.09	0.41J	0.47	0.09	0.34J	0.42	0.08	0.17J	0.4	0.08	0.62	0.46	0.09	0.2J	0.4	0.08	0.24J	0.43	0.09
Cadmium, Total	7440-43-9	2.5	mg/kg	0.07J	0.92	0.07	ND	0.94	0.07	ND	0.84	0.06	ND	0.79	0.06	ND	0.92	0.07	ND	0.8	0.06	ND	0.86	0.06
Calcium, Total	7440-70-2		mg/kg	730	9.2	2.8	840	9.4	2.8	2900	8.4	2.5	2700	7.9	2.4	1700	9.2	2.8	1400	8	2.4	770	8.6	2.6
Chromium, Total	7440-47-3		mg/kg	24	0.92	0.18	16	0.94	0.19	25	0.84	0.17	21	0.79	0.16	12	0.92	0.18	8.5	0.8	0.16	11	0.86	0.17
Cobalt, Total	7440-48-4		mg/kg	4.8	1.8	0.46	5.3	1.9	0.47	22	1.7	0.42	4.2	1.6	0.4	4.8	1.8	0.46	3.8	1.6	0.4	3.5	1.7	0.43
Copper, Total	7440-50-8	50	mg/kg	21	0.92	0.18	14	0.94	0.19	41	0.84	0.17	19	0.79	0.16	24	0.92	0.18	19	0.8	0.16	15	0.86	0.17
Iron, Total	7439-89-6		mg/kg	26000	4.6	1.8	14000	4.7	1.9	23000	4.2	1.7	8400	4	1.6	11000	4.6	1.8	8300	4	1.6	6200	4.3	1.7
Lead, Total	7439-92-1	63	mg/kg	100	4.6	0.18	120	4.7	0.19	21	4.2	0.17	7.7	4	0.16	320	4.6	0.18	2.9J	4	0.16	2.9J	4.3	0.17
Magnesium, Total	7439-95-4		mg/kg	1800	9.2	0.92	2200	9.4	0.94	16000	8.4	0.84	2200	7.9	0.79	1800	9.2	0.92	2200	8	0.8	2300	8.6	0.86
Manganese, Total	7439-96-5	1600	mg/kg	1100	0.92	0.18	480	0.94	0.19	480	0.84	0.17	210	0.79	0.16	670	0.92	0.18	220	0.8	0.16	220	0.86	0.17
Mercury, Total	7439-97-6	0.18	mg/kg	0.19	0.07	0.02	0.09	0.08	0.02	0.31	0.07	0.02	ND	0.07	0.02	1.5	0.08	0.02	ND	0.07	0.01	ND	0.07	0.02
Nickel, Total	7440-02-0	30	mg/kg	9.1	2.3	0.37	11	2.3	0.37	100	2.1	0.34	10	2	0.32	9.3	2.3	0.37	7.7	2	0.32	14	2.1	0.34
Potassium, Total	7440-09-7		mg/kg	380	230	37	590	230	37	620	210	34	720	200	32	390	230	37	820	200	32	380	210	34
Selenium, Total	7782-49-2	3.9	mg/kg	0.54J	1.8	0.28	ND	1.9	0.28	ND	1.7	0.25	ND	1.6	0.24	0.43J	1.8	0.28	ND	1.6	0.24	ND	1.7	0.26
Silver, Total	7440-22-4	2	mg/kg	0.4J	0.92	0.18	ND	0.94	0.19	0.27J	0.84	0.17	ND	0.79	0.16	0.18J	0.92	0.18	ND	0.8	0.16	ND	0.86	0.17
Sodium, Total	7440-23-5		mg/kg	86J	180	28	100J	190	28	400	170	25	280	160	24	120J	180	28	130J	160	24	93J	170	26
Thallium, Total	7440-28-0		mg/kg	ND	1.8	0.37	ND	1.9	0.37	ND	1.7	0.34	ND	1.6	0.32	ND	1.8	0.37	ND	1.6	0.32	ND	1.7	0.34
Vanadium, Total	7440-62-2		mg/kg	24	0.92	0.09	18	0.94	0.09	27	0.84	0.08	18	0.79	0.08	14	0.92	0.09	16	0.8	0.08	9.6	0.86	0.09
Zinc, Total	7440-66-6	109	mg/kg	150	4.6	0.65	38	4.7	0.65	40	4.2	0.59	19	4	0.56	81	4.6	0.65	18	4	0.56	11	4.3	0.6
Volatile Organics by 8260/5035 - Westborough Lab																								
1,1,1,2-Tetrachloroethane	630-20-6		mg/kg	ND	0.0012	0.00037	ND	0.0011	0.00034	ND	0.001	0.00032	ND	0.00091	0.00029	ND	0.001	0.00032	ND	0.0011	0.00034	ND	0.00094	0.0003
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	ND	0.0012	0.00013	ND	0.0011	0.00012	ND	0.001	0.00011	ND	0.00091	0.0001	ND	0.001	0.00011	ND	0.0011	0.00012	ND	0.00094	0.0001
1,1,2,2-Tetrachloroethane	79-34-5		mg/kg	ND	0.0012	0.00012	ND	0.0011	0.00011	ND	0.001	0.0001	ND	0.00091	0.00009	ND	0.001	0.0001	ND	0.0011	0.00011	ND	0.00094	0.0001
1,1,2-Trichloroethane	79-00-5		mg/kg	ND	0.0018	0.00036	ND	0.0016	0.00033	ND	0.0015	0.00031	ND	0.0014	0.00028	ND	0.0015	0.0003	ND	0.0016	0.00032	ND	0.0014	0.00028
1,1-Dichloroethane	75-34-3	0.27	mg/kg	ND	0.0018	0.0001	ND	0.0016	0.00009	ND	0.0015	0.00009	ND	0.0014	0.00008	ND	0.0015	0.00009	ND	0.0016	0.00009	ND	0.0014	0.00008
1,1-Dichloroethene	75-35-4	0.33	mg/kg	ND	0.0012	0.00031	ND	0.0011	0.00028	ND	0.001	0.00026	ND	0.00091	0.00024	ND	0.001	0.00026	ND	0.0011	0.00028	ND	0.00094	0.00025
1,1-Dichloropropene	563-58-6		mg/kg	ND	0.0058	0.00016	ND	0.0054	0.00015	ND	0.005	0.00014	ND	0.0045	0.00013	ND	0.005	0.00014	ND	0.0054	0.00015	ND	0.0047	0.00013
1,2,3-Trichlorobenzene	87-61-6		mg/kg	ND	0.0058	0.00017	ND	0.0054	0.00016	ND	0.005	0.00015	ND	0.0045	0.00013	ND	0.005	0.00015	ND	0.0054	0.00016	ND	0.0047	0.00014
1,2,3-Trichloropropane	96-18-4		mg/kg	ND	0.012	0.00019	ND	0.011	0.00018	ND	0.01	0.00016	ND	0.0091	0.00015	ND	0.01	0.00016	ND	0.011	0.00017	ND	0.0094	0.00015
1,2,4,5-Tetramethylbenzene	95-93-2		mg/kg	ND	0.0047	0.00015	ND	0.0043	0.00014	ND	0.004	0.00013	ND	0.0036	0.00012	ND	0.004	0.00013	ND	0.0043	0.00014	ND	0.0038	0.00012
1,2,4-Trichlorobenzene	120-82-1		mg/kg	ND	0.0058	0.00021	ND	0.0054	0.0002	ND	0.005	0.00018	ND	0.0045	0.00016	ND	0.005	0.00018	ND	0.0054	0.00019	ND	0.0047	0.00017
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	ND	0.0058	0.00016	ND	0.0054	0.00015	ND	0.005	0.00014	ND	0.0045	0.00013	ND	0.005	0.00014	ND	0.0054	0.00015	ND	0.0047	0.00013
1,2-Dibromo-3-chloropropane	96-12-8		mg/kg	ND	0.0058	0.00046	ND	0.0054	0.00043	ND	0.005	0.0004	ND	0.0045	0.00036	ND	0.005	0.0004	ND	0.0054	0.00042	ND	0.0047	0.00037
1,2-Dibromoethane	106-93-4		mg/kg	ND	0.0047	0.0002	ND	0.0043	0.00019	ND	0.004	0.00018	ND	0.0036	0.00016	ND	0.004	0.00018	ND	0.0043	0.00019	ND	0.0038	0.00016
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	ND	0.0058	0.00018	ND	0.0054	0.00016	ND	0.005	0.00015	ND	0.0045	0.00014	ND	0.005	0.00015	ND	0.0054	0.00016	ND	0.0047	0.00014
1,2-Dichloroethane	107-06-2	0.02	mg/kg	ND	0.0012	0.00013	ND	0.0011	0.00012	ND	0.001	0.00011	ND	0.00091	0.0001	ND	0.001	0.00011	ND	0.0011	0.00012	ND	0.00094	0.00011
1,2-Dichloroethene, Total	540-59-0		mg/kg	ND	0.0012	0.00017	ND	0.0011	0.00015	ND	0.001	0.00014	ND	0.00091	0.00013	ND	0.001	0.00014	ND	0.0011	0.00015	ND	0.00094	0.00013
1,2-Dichloropropane	78-87-5		mg/kg	ND	0.0041	0.00027	ND	0.0038	0.00025	ND	0.0035	0.00023	ND	0.0032	0.00021	ND	0.0035	0.00023	ND	0.0038	0.00024	ND	0.0033	0.00021
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	ND	0.0058	0.00017	ND	0.0054	0.00016	ND	0.005	0.00014	ND	0.0045	0.00013	ND	0.005	0.00014	ND	0.0054	0.00015	ND	0.0047	0.00013
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	ND	0.0058	0.00016	ND	0.0054	0.00015	ND	0.005	0.00014	ND	0.0045	0.00012	ND	0.005	0.00014	ND	0.0054	0.00014	ND	0.0047	0.00013
1,3-Dichloropropane	142-28-9		mg/kg	ND	0.0058	0.00017	ND	0.0054	0.00016	ND	0.005	0.00015	ND	0.0045	0.00013	ND	0.005	0.00015	ND	0.0054	0.00016	ND	0.0047	0.00014
1,3-Dichloropropene, Total	542-75-6		mg/kg	ND	0.0012	0.00014	ND	0.0011	0.00013	ND	0.001	0.00012	ND	0.00091	0.00011	ND	0.001	0.00012	ND	0.0011	0.00013	ND	0.00094	0.00011
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	ND	0.0058	0.00016	ND	0.0054	0.00015	ND	0.005	0.00014	ND	0.0045	0.00012	ND	0.005	0.00014	ND	0.0054	0.00015	ND	0.0047	0.00013
1,4-Dioxane	123-91-1	0.1	mg/kg	ND	0.12	0.017	ND	0.11	0.016	ND	0.1	0.014	ND	0.091	0.013	ND	0.1	0.014	ND	0.11	0.015	ND	0.094	0.014
2,2-Dichloropropane	594-20-7		mg/kg	ND	0.0058	0.00026	ND	0.0054	0.00024	ND	0.005	0.00023	ND	0.0045	0.0002	ND	0.005	0.00023	ND	0.0054	0.00024	ND	0.0047	0.00021
2-Butanone	78-93-3	0.12	mg/kg	ND	0.012	0.00032	0.00071J	0.011	0.00029	0.00061J	0.01	0.00028	0.003J	0.0091	0.00025	ND	0.01	0.00027	0.00073J	0.011	0.00029	0.00074J	0.0094	0.00026
2-Hexanone	591-78-6		mg/kg	ND	0.012	0.00078	ND	0.011	0.00072	ND	0.01	0.00067	ND	0.0091	0.0006	ND	0.01	0.00067	ND	0.011	0.00071	ND	0.0094	0.00062
4-Methyl-2-pentanone	108-10-1		mg/kg	ND	0.012	0.00028	ND	0.011	0.00026	ND	0.01	0.00025	ND	0.0091	0.00022	ND	0.01	0.00024	ND	0.011	0.00026	ND	0.0094	0.00023
Acetone	67-64-1	0.05	mg/kg	0.0048J	0.012	0.0012	0.013	0.011	0.0011	0.0055J	0.01	0.001	0.036	0.0091	0.00094	0.0041J	0.01	0.001	0.0044J	0.011	0.0011	0.0045J	0.0094	0.00097
Acrylonitrile	107-13-1		mg/kg	ND	0.012	0.0006	ND	0.011	0.00056	ND	0.01	0.00052	ND	0.0091	0.00047	ND	0.01	0.00052	ND	0.011	0.00055	ND	0.0094	0.00048
Benzene	71-43-2	0.06	mg/kg	ND	0.0012	0.00014	ND	0.0011	0.00013	ND	0.001	0.00012	ND	0.00091	0.00011	ND	0.001	0.00012	ND	0.0011	0.00013	ND	0.00094	0.00011
Bromobenzene	108-86-1		mg/kg	ND	0.0058	0.00024	ND	0.0054	0.00022	ND	0.005	0.00021	ND	0.0045	0.00019	ND	0.005	0.00021	ND	0.0054	0.00022	ND	0.0047	0.0002
Bromochloromethane	74-97-5		mg/kg	ND	0.0058	0.00032	ND	0.0054	0.0003	ND	0.005	0.00028	ND	0.0045	0.00025	ND	0.005	0.00028	ND	0.0054	0.0003	ND	0.0047	0.00026
Bromodichloromethane	75-27-4		mg/kg	ND	0.0012	0.0002	ND	0.0011	0.00019	ND	0.001	0.00018	ND	0.00091	0.00016	ND	0.001	0.00017	ND	0.0011	0.00018	ND	0.00094	0.00016
Bromoform	75-25-2		mg/kg	ND	0.0047	0.00028	ND	0.0043	0.00026	ND	0.004	0.00024	ND	0.0036	0.00021	ND	0.004	0.00024	ND	0.0043	0.00025	ND	0.0038	0.00022

Table 2 - Soil Analytical Data Summary

LOCATION				SB-5-1-5			SB-5-6-10			SB-5-11-15			SB-5-16-20			SB-5-3			SB-5-17			SB-5-20		
SAMPLING DATE				2/13/2015			2/13/2015			2/13/2015			2/13/2015			2/13/2015			2/13/2015			2/13/2015		
LAB SAMPLE ID				L1502879-10			L1502879-11			L1502879-12			L1502879-13			L1502879-14			L1502879-15			L1502879-16		
SAMPLE TYPE				SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
SAMPLE DEPTH (ft.)				1.0-5.0			6.0-10.0			11.0-15.0			16.0-20.0			3.0-3.5			17.0-17.5			19.5-20.0		
Bromomethane	74-83-9		mg/kg	ND	0.0023	0.0004	ND	0.0022	0.00036	ND	0.002	0.00034	ND	0.0018	0.00031	ND	0.002	0.00034	ND	0.0021	0.00036	ND	0.0019	0.00032
Carbon disulfide	75-15-0		mg/kg	ND	0.012	0.0013	ND	0.011	0.0012	ND	0.01	0.0011	ND	0.0091	0.001	ND	0.01	0.0011	ND	0.011	0.0012	ND	0.0094	0.001
Carbon tetrachloride	56-23-5	0.76	mg/kg	ND	0.0012	0.00024	ND	0.0011	0.00023	ND	0.001	0.00021	ND	0.00091	0.00019	ND	0.001	0.00021	ND	0.0011	0.00022	ND	0.00094	0.0002
Chlorobenzene	108-90-7	1.1	mg/kg	ND	0.0012	0.00041	ND	0.0011	0.00038	ND	0.001	0.00035	ND	0.00091	0.00032	ND	0.001	0.00035	ND	0.0011	0.00037	ND	0.00094	0.00033
Chloroethane	75-00-3		mg/kg	ND	0.0023	0.00037	ND	0.0022	0.00034	ND	0.002	0.00032	ND	0.0018	0.00029	ND	0.002	0.00032	ND	0.0021	0.00034	ND	0.0019	0.0003
Chloroform	67-66-3	0.37	mg/kg	ND	0.0018	0.00043	ND	0.0016	0.0004	ND	0.0015	0.00037	ND	0.0014	0.00034	ND	0.0015	0.00037	ND	0.0016	0.0004	ND	0.0014	0.00035
Chloromethane	74-87-3		mg/kg	ND	0.0058	0.00034	ND	0.0054	0.00032	ND	0.005	0.0003	ND	0.0045	0.00027	ND	0.005	0.0003	ND	0.0054	0.00032	ND	0.0047	0.00028
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	ND	0.0012	0.00017	ND	0.0011	0.00015	ND	0.001	0.00014	ND	0.00091	0.00013	ND	0.001	0.00014	ND	0.0011	0.00015	ND	0.00094	0.00013
cis-1,3-Dichloropropene	10061-01-5		mg/kg	ND	0.0012	0.00014	ND	0.0011	0.00013	ND	0.001	0.00012	ND	0.00091	0.00011	ND	0.001	0.00012	ND	0.0011	0.00013	ND	0.00094	0.00011
Dibromochloromethane	124-48-1		mg/kg	ND	0.0012	0.00018	ND	0.0011	0.00017	ND	0.001	0.00016	ND	0.00091	0.00014	ND	0.001	0.00015	ND	0.0011	0.00016	ND	0.00094	0.00014
Dibromomethane	74-95-3		mg/kg	ND	0.012	0.00019	ND	0.011	0.00018	ND	0.01	0.00016	ND	0.0091	0.00015	ND	0.01	0.00016	ND	0.011	0.00018	ND	0.0094	0.00015
Dichlorodifluoromethane	75-71-8		mg/kg	ND	0.012	0.00022	ND	0.011	0.00021	ND	0.01	0.00019	ND	0.0091	0.00017	ND	0.01	0.00019	ND	0.011	0.0002	ND	0.0094	0.00018
Ethyl ether	60-29-7		mg/kg	ND	0.0058	0.0003	ND	0.0054	0.00028	ND	0.005	0.00026	ND	0.0045	0.00024	ND	0.005	0.00026	ND	0.0054	0.00028	ND	0.0047	0.00024
Ethylbenzene	100-41-4	1	mg/kg	ND	0.0012	0.00015	ND	0.0011	0.00014	ND	0.001	0.00013	ND	0.00091	0.00012	ND	0.001	0.00013	ND	0.0011	0.00014	ND	0.00094	0.00012
Hexachlorobutadiene	87-68-3		mg/kg	ND	0.0058	0.00027	ND	0.0054	0.00025	ND	0.005	0.00023	ND	0.0045	0.00021	ND	0.005	0.00023	ND	0.0054	0.00024	ND	0.0047	0.00021
Isopropylbenzene	98-82-8		mg/kg	ND	0.0012	0.00012	ND	0.0011	0.00011	ND	0.001	0.0001	ND	0.00091	0.00009	ND	0.001	0.0001	ND	0.0011	0.00011	ND	0.00094	0.0001
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	ND	0.0023	0.0001	ND	0.0022	0.00009	ND	0.002	0.00009	ND	0.0018	0.00008	ND	0.002	0.00009	ND	0.0021	0.00009	ND	0.0019	0.00008
Methylene chloride	75-09-2	0.05	mg/kg	ND	0.012	0.0013	ND	0.011	0.0012	ND	0.01	0.0011	ND	0.0091	0.001	ND	0.01	0.0011	ND	0.011	0.0012	ND	0.0094	0.001
n-Butylbenzene	104-51-8	12	mg/kg	ND	0.0012	0.00013	ND	0.0011	0.00012	ND	0.001	0.00012	ND	0.00091	0.0001	ND	0.001	0.00012	ND	0.0011	0.00012	ND	0.00094	0.00011
n-Propylbenzene	103-65-1	3.9	mg/kg	ND	0.0012	0.00013	ND	0.0011	0.00012	ND	0.001	0.00011	ND	0.00091	0.0001	ND	0.001	0.00011	ND	0.0011	0.00012	ND	0.00094	0.0001
Naphthalene	91-20-3	12	mg/kg	ND	0.0058	0.00016	ND	0.0054	0.00015	ND	0.005	0.00014	ND	0.0045	0.00012	ND	0.005	0.00014	ND	0.0054	0.00015	ND	0.0047	0.00013
o-Chlorotoluene	95-49-8		mg/kg	ND	0.0058	0.00019	ND	0.0054	0.00017	ND	0.005	0.00016	ND	0.0045	0.00014	ND	0.005	0.00016	ND	0.0054	0.00017	ND	0.0047	0.00015
o-Xylene	95-47-6		mg/kg	ND	0.0023	0.0002	ND	0.0022	0.00018	ND	0.002	0.00017	ND	0.0018	0.00016	ND	0.002	0.00017	ND	0.0021	0.00018	ND	0.0019	0.00016
p-Chlorotoluene	106-43-4		mg/kg	ND	0.0058	0.00016	ND	0.0054	0.00014	ND	0.005	0.00013	ND	0.0045	0.00012	ND	0.005	0.00013	ND	0.0054	0.00014	ND	0.0047	0.00012
p-Diethylbenzene	105-05-5		mg/kg	ND	0.0047	0.00019	ND	0.0043	0.00017	ND	0.004	0.00016	ND	0.0036	0.00014	ND	0.004	0.00016	ND	0.0043	0.00017	ND	0.0038	0.00015
p-Ethyltoluene	622-96-8		mg/kg	ND	0.0047	0.00014	ND	0.0043	0.00013	ND	0.004	0.00012	ND	0.0036	0.00011	ND	0.004	0.00012	ND	0.0043	0.00013	ND	0.0038	0.00012
p-Isopropyltoluene	99-87-6		mg/kg	ND	0.0012	0.00015	ND	0.0011	0.00014	ND	0.001	0.00013	ND	0.00091	0.00011	ND	0.001	0.00012	ND	0.0011	0.00013	ND	0.00094	0.00012
p/m-Xylene	179601-23-1		mg/kg	ND	0.0023	0.00023	ND	0.0022	0.00021	ND	0.002	0.0002	ND	0.0018	0.00018	ND	0.002	0.0002	ND	0.0021	0.00021	ND	0.0019	0.00018
sec-Butylbenzene	135-98-8	11	mg/kg	ND	0.0012	0.00014	ND	0.0011	0.00013	ND	0.001	0.00012	ND	0.00091	0.00011	ND	0.001	0.00012	ND	0.0011	0.00013	ND	0.00094	0.00011
Styrene	100-42-5		mg/kg	ND	0.0023	0.00047	ND	0.0022	0.00044	ND	0.002	0.00041	ND	0.0018	0.00036	ND	0.002	0.0004	ND	0.0021	0.00043	ND	0.0019	0.00038
tert-Butylbenzene	98-06-6	5.9	mg/kg	ND	0.0058	0.00016	ND	0.0054	0.00015	ND	0.005	0.00014	ND	0.0045	0.00012	ND	0.005	0.00014	ND	0.0054	0.00014	ND	0.0047	0.00013
Tetrachloroethene	127-18-4	1.3	mg/kg	ND	0.0012	0.00016	ND	0.0011	0.00015	ND	0.001	0.00014	ND	0.00091	0.00013	ND	0.001	0.00014	ND	0.0011	0.00015	ND	0.00094	0.00013
Toluene	108-88-3	0.7	mg/kg	ND	0.0018	0.00023	ND	0.0016	0.00021	ND	0.0015	0.0002	ND	0.0014	0.00018	ND	0.0015	0.0002	ND	0.0016	0.00021	ND	0.0014	0.00018
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	ND	0.0018	0.00025	ND	0.0016	0.00023	ND	0.0015	0.00021	ND	0.0014	0.00019	ND	0.0015	0.00021	ND	0.0016	0.00023	ND	0.0014	0.0002
trans-1,3-Dichloropropene	10061-02-6		mg/kg	ND	0.0012	0.00014	ND	0.0011	0.00013	ND	0.001	0.00012	ND	0.00091	0.00011	ND	0.001	0.00012	ND	0.0011	0.00013	ND	0.00094	0.00011
trans-1,4-Dichloro-2-butene	110-57-6		mg/kg	ND	0.0058	0.00046	ND	0.0054	0.00042	ND	0.005	0.0004	ND	0.0045	0.00036	ND	0.005	0.00039	ND	0.0054	0.00042	ND	0.0047	0.00037
Trichloroethene	79-01-6	0.47	mg/kg	ND	0.0012	0.00015	ND	0.0011	0.00014	ND	0.001	0.00013	ND	0.00091	0.00011	ND	0.001	0.00012	ND	0.0011	0.00013	ND	0.00094	0.00012
Trichlorofluoromethane	75-69-4		mg/kg	ND	0.0058	0.00045	ND	0.0054	0.00042	ND	0.005	0.00039	ND	0.0045	0.00035	ND	0.005	0.00039	ND	0.0054	0.00042	ND	0.0047	0.00036
Vinyl acetate	108-05-4		mg/kg	ND	0.012	0.00015	ND	0.011	0.00014	ND	0.01	0.00013	ND	0.0091	0.00012	ND	0.01	0.00013	ND	0.011	0.00014	ND	0.0094	0.00012
Vinyl chloride	75-01-4	0.02	mg/kg	ND	0.0023	0.00014	ND	0.0022	0.00013	ND	0.002	0.00012	ND	0.0018	0.00011	ND	0.002	0.00012	ND	0.0021	0.00012	ND	0.0019	0.00011
Xylenes, Total	1330-20-7	0.26	mg/kg	ND	0.0023	0.0002	ND	0.0022	0.00018	ND	0.002	0.00017	ND	0.0018	0.00016	ND	0.002	0.00017	ND	0.0021	0.00018	ND	0.0019	0.00016

NOTES:
NY-UNRES = New York Unrestricted use Criteria current as of 5/2007
RL = Reporting Limit
MDL = Method Detection Limit
ND = Not Detect
J = Estimated value. The Target Analyte concentration is below the quantitation limit (RL), but above the MDL
RL Exceeds Standard
Exceeds Standard

Table 2 - Soil Analytical Data Summary

LOCATION SAMPLING DATE LAB SAMPLE ID SAMPLE TYPE SAMPLE DEPTH (ft.)				SB-6-1 2/10/2015 L1502635-01 SOIL 1.5-2.0			SB-6-11 2/10/2015 L1502635-02 SOIL 11.0-11.5			SB-6-1-7 2/10/2015 L1502635-03 SOIL 1.0-7.0			SB-6-7-11 2/10/2015 L1502635-04 SOIL 7.0-11.0			SB-6-11-15 2/10/2015 L1502635-05 SOIL 11.0-15.0		
	CasNum	NY-UNRES	Units	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL
Gasoline Range Organics - Westborough Lab																		
Gasoline Range Organics	NONE		mg/kg	-	-	-	-	-	-	ND	2.7	0.053	ND	2.9	0.056	ND	2.7	0.053
General Chemistry - Westborough Lab																		
Paint Filter Liquid	PFLT		-	-	-	-	-	-	-	NEGATIVE	0	NA	NEGATIVE	0	NA	NEGATIVE	0	NA
Solids, Total	NONE		%	89.6	0.1	NA	92.3	0.1	NA	86	0.1	NA	86.4	0.1	NA	88	0.1	NA
Petroleum Hydrocarbon Quantitation - Westborough Lab																		
TPH	NONE		mg/kg	-	-	-	-	-	-	18.8J	36.7	2.5	12.5J	36.4	2.48	6.65J	35.8	2.44
Polychlorinated Biphenyls by GC - Westborough Lab																		
Aroclor 1016	12674-11-2	0.1	mg/kg	-	-	-	-	-	-	ND	0.0371	0.00293	ND	0.0385	0.00304	ND	0.0357	0.00282
Aroclor 1221	11104-28-2	0.1	mg/kg	-	-	-	-	-	-	ND	0.0371	0.00342	ND	0.0385	0.00355	ND	0.0357	0.00329
Aroclor 1232	11141-16-5	0.1	mg/kg	-	-	-	-	-	-	ND	0.0371	0.00435	ND	0.0385	0.00452	ND	0.0357	0.00418
Aroclor 1242	53469-21-9	0.1	mg/kg	-	-	-	-	-	-	ND	0.0371	0.00454	ND	0.0385	0.00472	ND	0.0357	0.00436
Aroclor 1248	12672-29-6	0.1	mg/kg	-	-	-	-	-	-	ND	0.0371	0.00313	ND	0.0385	0.00325	ND	0.0357	0.00301
Aroclor 1254	11097-69-1	0.1	mg/kg	-	-	-	-	-	-	ND	0.0371	0.00305	ND	0.0385	0.00317	ND	0.0357	0.00293
Aroclor 1260	11096-82-5	0.1	mg/kg	-	-	-	-	-	-	ND	0.0371	0.00283	ND	0.0385	0.00294	ND	0.0357	0.00272
Aroclor 1262	37324-23-5	0.1	mg/kg	-	-	-	-	-	-	ND	0.0371	0.00184	ND	0.0385	0.00191	ND	0.0357	0.00177
Aroclor 1268	11100-14-4	0.1	mg/kg	-	-	-	-	-	-	ND	0.0371	0.00538	ND	0.0385	0.00559	ND	0.0357	0.00517
PCBs, Total	1336-36-3		mg/kg	-	-	-	-	-	-	ND	0.0371	0.00184	ND	0.0385	0.00191	ND	0.0357	0.00177
Semivolatile Organics by GC/MS - Westborough Lab																		
1,2,4,5-Tetrachlorobenzene	95-94-3		mg/kg	ND	0.18	0.056	ND	0.18	0.054	-	-	-	-	-	-	ND	0.19	0.058
1,2,4-Trichlorobenzene	120-82-1		mg/kg	ND	0.18	0.06	ND	0.18	0.058	-	-	-	-	-	-	ND	0.19	0.061
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	ND	0.18	0.06	ND	0.18	0.058	-	-	-	-	-	-	ND	0.19	0.061
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	ND	0.18	0.057	ND	0.18	0.055	-	-	-	-	-	-	ND	0.19	0.059
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	ND	0.18	0.055	ND	0.18	0.054	-	-	-	-	-	-	ND	0.19	0.057
2,4,5-Trichlorophenol	95-95-4		mg/kg	ND	0.18	0.059	ND	0.18	0.057	-	-	-	-	-	-	ND	0.19	0.06
2,4,6-Trichlorophenol	88-06-2		mg/kg	ND	0.11	0.034	ND	0.1	0.033	-	-	-	-	-	-	ND	0.11	0.035
2,4-Dichlorophenol	120-83-2		mg/kg	ND	0.16	0.059	ND	0.16	0.057	-	-	-	-	-	-	ND	0.17	0.06
2,4-Dimethylphenol	105-67-9		mg/kg	ND	0.18	0.054	ND	0.18	0.052	-	-	-	-	-	-	ND	0.19	0.056
2,4-Dinitrophenol	51-28-5		mg/kg	ND	0.87	0.25	ND	0.84	0.24	-	-	-	-	-	-	ND	0.89	0.25
2,4-Dinitrotoluene	121-14-2		mg/kg	ND	0.18	0.039	ND	0.18	0.038	-	-	-	-	-	-	ND	0.19	0.04
2,6-Dinitrotoluene	606-20-2		mg/kg	ND	0.18	0.046	ND	0.18	0.045	-	-	-	-	-	-	ND	0.19	0.048
2-Chloronaphthalene	91-58-7		mg/kg	ND	0.18	0.059	ND	0.18	0.057	ND	0.19	0.061	ND	0.19	0.061	ND	0.19	0.061
2-Chlorophenol	95-57-8		mg/kg	ND	0.18	0.055	ND	0.18	0.053	-	-	-	-	-	-	ND	0.19	0.056
2-Methylnaphthalene	91-57-6		mg/kg	ND	0.22	0.058	ND	0.21	0.056	ND	0.22	0.06	ND	0.22	0.06	ND	0.22	0.06
2-Methylphenol	95-48-7	0.33	mg/kg	ND	0.18	0.058	ND	0.18	0.057	-	-	-	-	-	-	ND	0.19	0.06
2-Nitroaniline	88-74-4		mg/kg	ND	0.18	0.051	ND	0.18	0.05	-	-	-	-	-	-	ND	0.19	0.052
2-Nitrophenol	88-75-5		mg/kg	ND	0.39	0.057	ND	0.38	0.055	-	-	-	-	-	-	ND	0.4	0.058
3,3'-Dichlorobenzidine	91-94-1		mg/kg	ND	0.18	0.048	ND	0.18	0.047	-	-	-	-	-	-	ND	0.19	0.05
3-Methylphenol/4-Methylphenol	108-39-4	0.33	mg/kg	ND	0.26	0.06	ND	0.25	0.058	-	-	-	-	-	-	ND	0.27	0.061
3-Nitroaniline	99-09-2		mg/kg	ND	0.18	0.05	ND	0.18	0.048	-	-	-	-	-	-	ND	0.19	0.051
4,6-Dinitro-o-cresol	534-52-1		mg/kg	ND	0.47	0.066	ND	0.46	0.064	-	-	-	-	-	-	ND	0.48	0.068
4-Bromophenyl phenyl ether	101-55-3		mg/kg	ND	0.18	0.042	ND	0.18	0.04	-	-	-	-	-	-	ND	0.19	0.043
4-Chloroaniline	106-47-8		mg/kg	ND	0.18	0.048	ND	0.18	0.046	-	-	-	-	-	-	ND	0.19	0.049
4-Chlorophenyl phenyl ether	7005-72-3		mg/kg	ND	0.18	0.055	ND	0.18	0.054	-	-	-	-	-	-	ND	0.19	0.057
4-Nitroaniline	100-01-6		mg/kg	ND	0.18	0.049	ND	0.18	0.048	-	-	-	-	-	-	ND	0.19	0.05
4-Nitrophenol	100-02-7		mg/kg	ND	0.25	0.059	ND	0.25	0.057	-	-	-	-	-	-	ND	0.26	0.06
Acenaphthene	83-32-9	20	mg/kg	0.12J	0.14	0.037	ND	0.14	0.036	ND	0.15	0.039	0.054J	0.15	0.039	ND	0.15	0.038
Acenaphthylene	208-96-8	100	mg/kg	0.091J	0.14	0.034	ND	0.14	0.033	ND	0.15	0.035	ND	0.15	0.035	ND	0.15	0.035
Acetophenone	98-86-2		mg/kg	ND	0.18	0.056	ND	0.18	0.054	-	-	-	-	-	-	ND	0.19	0.058
Anthracene	120-12-7	100	mg/kg	0.29	0.11	0.03	ND	0.1	0.029	ND	0.11	0.031	0.1J	0.11	0.031	ND	0.11	0.031
Benzo(a)anthracene	56-55-3	1	mg/kg	0.87	0.11	0.036	0.043J	0.1	0.034	ND	0.11	0.037	0.21	0.11	0.037	ND	0.11	0.036
Benzo(a)pyrene	50-32-8	1	mg/kg	0.82	0.14	0.044	ND	0.14	0.043	ND	0.15	0.046	0.19	0.15	0.046	ND	0.15	0.046
Benzo(b)fluoranthene	205-99-2	1	mg/kg	1.1	0.11	0.037	0.046J	0.1	0.036	ND	0.11	0.038	0.25	0.11	0.038	ND	0.11	0.038
Benzo(ghi)perylene	191-24-2	100	mg/kg	0.48	0.14	0.038	ND	0.14	0.037	ND	0.15	0.039	0.11J	0.15	0.039	ND	0.15	0.039
Benzo(k)fluoranthene	207-08-9	0.8	mg/kg	0.48	0.11	0.035	ND	0.1	0.034	ND	0.11	0.036	0.081J	0.11	0.036	ND	0.11	0.036
Benzoic Acid	65-85-0		mg/kg	ND	0.59	0.18	ND	0.57	0.18	-	-	-	-	-	-	ND	0.6	0.19
Benzyl Alcohol	100-51-6		mg/kg	ND	0.18	0.056	ND	0.18	0.054	-	-	-	-	-	-	ND	0.19	0.057
Biphenyl	92-52-4		mg/kg	ND	0.41	0.06	ND	0.4	0.058	-	-	-	-	-	-	ND	0.42	0.061
Bis(2-chloroethoxy)methane	111-91-1		mg/kg	ND	0.2	0.055	ND	0.19	0.053	-	-	-	-	-	-	ND	0.2	0.056
Bis(2-chloroethyl)ether	111-44-4		mg/kg	ND	0.16	0.051	ND	0.16	0.049	-	-	-	-	-	-	ND	0.17	0.052
Bis(2-chloroisopropyl)ether	108-60-1		mg/kg	ND	0.22	0.064	ND	0.21	0.062	-	-	-	-	-	-	ND	0.22	0.066
Bis(2-Ethylhexyl)phthalate	117-81-7		mg/kg	ND	0.18	0.048	ND	0.18	0.046	-	-	-	-	-	-	ND	0.19	0.049
Butyl benzyl phthalate	85-68-7		mg/kg	1.3	0.18	0.036	ND	0.18	0.034	-	-	-	-	-	-	ND	0.19	0.036
Carbazole	86-74-8		mg/kg	0.12J	0.18	0.039	ND	0.18	0.038	-	-	-	-	-	-	ND	0.19	0.04

Table 2 - Soil Analytical Data Summary

LOCATION SAMPLING DATE LAB SAMPLE ID SAMPLE TYPE SAMPLE DEPTH (ft.)				SB-6-1 2/10/2015 L1502635-01 SOIL 1.5-2.0			SB-6-11 2/10/2015 L1502635-02 SOIL 11.0-11.5			SB-6-1-7 2/10/2015 L1502635-03 SOIL 1.0-7.0			SB-6-7-11 2/10/2015 L1502635-04 SOIL 7.0-11.0			SB-6-11-15 2/10/2015 L1502635-05 SOIL 11.0-15.0		
	CasNum	NY-UNRES	Units	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL
Chrysene	218-01-9	1	mg/kg	0.83	0.11	0.036	0.035J	0.1	0.034	ND	0.11	0.037	0.2	0.11	0.037	ND	0.11	0.036
Di-n-butylphthalate	84-74-2		mg/kg	ND	0.18	0.035	ND	0.18	0.034	-	-	-	-	-	-	ND	0.19	0.036
Di-n-octylphthalate	117-84-0		mg/kg	ND	0.18	0.045	ND	0.18	0.043	-	-	-	-	-	-	ND	0.19	0.046
Dibenzo(a,h)anthracene	53-70-3	0.33	mg/kg	0.13	0.11	0.035	ND	0.1	0.034	ND	0.11	0.036	ND	0.11	0.036	ND	0.11	0.036
Dibenzofuran	132-64-9	7	mg/kg	0.086J	0.18	0.061	ND	0.18	0.059	-	-	-	-	-	-	ND	0.19	0.062
Diethyl phthalate	84-66-2		mg/kg	ND	0.18	0.038	ND	0.18	0.037	-	-	-	-	-	-	ND	0.19	0.039
Dimethyl phthalate	131-11-3		mg/kg	ND	0.18	0.046	ND	0.18	0.045	-	-	-	-	-	-	ND	0.19	0.047
Fluoranthene	206-44-0	100	mg/kg	1.7	0.11	0.033	0.066J	0.1	0.032	ND	0.11	0.034	0.47	0.11	0.034	ND	0.11	0.034
Fluorene	86-73-7	30	mg/kg	0.11J	0.18	0.052	ND	0.18	0.05	ND	0.19	0.054	ND	0.19	0.054	ND	0.19	0.053
Hexachlorobenzene	118-74-1	0.33	mg/kg	ND	0.11	0.034	ND	0.1	0.033	-	-	-	-	-	-	ND	0.11	0.035
Hexachlorobutadiene	87-68-3		mg/kg	ND	0.18	0.051	ND	0.18	0.05	-	-	-	-	-	-	ND	0.19	0.052
Hexachlorocyclopentadiene	77-47-4		mg/kg	ND	0.52	0.12	ND	0.5	0.11	-	-	-	-	-	-	ND	0.53	0.12
Hexachloroethane	67-72-1		mg/kg	ND	0.14	0.033	ND	0.14	0.032	-	-	-	-	-	-	ND	0.15	0.034
Indeno(1,2,3-cd)Pyrene	193-39-5	0.5	mg/kg	0.54	0.14	0.04	ND	0.14	0.039	ND	0.15	0.042	0.11J	0.15	0.042	ND	0.15	0.041
Isophorone	78-59-1		mg/kg	ND	0.16	0.048	ND	0.16	0.047	-	-	-	-	-	-	ND	0.17	0.05
n-Nitrosodi-n-propylamine	621-64-7		mg/kg	ND	0.18	0.054	ND	0.18	0.052	-	-	-	-	-	-	ND	0.19	0.056
Naphthalene	91-20-3	12	mg/kg	0.12J	0.18	0.06	ND	0.18	0.058	ND	0.19	0.062	ND	0.19	0.062	ND	0.19	0.062
Nitrobenzene	98-95-3		mg/kg	ND	0.16	0.043	ND	0.16	0.042	-	-	-	-	-	-	ND	0.17	0.044
NitrosoDiPhenylAmine(NDPA)/DPA	86-30-6		mg/kg	ND	0.14	0.038	ND	0.14	0.037	-	-	-	-	-	-	ND	0.15	0.039
P-Chloro-M-Cresol	59-50-7		mg/kg	ND	0.18	0.053	ND	0.18	0.051	-	-	-	-	-	-	ND	0.19	0.054
Pentachlorophenol	87-86-5	0.8	mg/kg	ND	0.14	0.039	ND	0.14	0.038	-	-	-	-	-	-	ND	0.15	0.04
Phenanthrene	85-01-8	100	mg/kg	1.2	0.11	0.036	0.035J	0.1	0.034	ND	0.11	0.037	0.48	0.11	0.037	ND	0.11	0.036
Phenol	108-95-2	0.33	mg/kg	ND	0.18	0.054	ND	0.18	0.052	-	-	-	-	-	-	ND	0.19	0.055
Pyrene	129-00-0	100	mg/kg	1.4	0.11	0.035	0.06J	0.1	0.034	ND	0.11	0.036	0.4	0.11	0.036	ND	0.11	0.036
TCLP Metals by EPA 1311 - Westborough Lab																		
Arsenic, TCLP	7440-38-2		mg/l	-	-	-	-	-	-	ND	1	0.02	ND	1	0.02	ND	1	0.02
Barium, TCLP	7440-39-3		mg/l	-	-	-	-	-	-	0.41J	0.5	0.03	0.42J	0.5	0.03	0.48J	0.5	0.03
Cadmium, TCLP	7440-43-9		mg/l	-	-	-	-	-	-	ND	0.1	0.01	ND	0.1	0.01	ND	0.1	0.01
Chromium, TCLP	7440-47-3		mg/l	-	-	-	-	-	-	ND	0.2	0.02	ND	0.2	0.02	ND	0.2	0.02
Lead, TCLP	7439-92-1		mg/l	-	-	-	-	-	-	0.04J	0.5	0.02	0.09J	0.5	0.02	ND	0.5	0.02
Mercury, TCLP	7439-97-6		mg/l	-	-	-	-	-	-	ND	0.001	0.0003	ND	0.001	0.0003	ND	0.001	0.0003
Selenium, TCLP	7782-49-2		mg/l	-	-	-	-	-	-	ND	0.5	0.03	ND	0.5	0.03	ND	0.5	0.03
Silver, TCLP	7440-22-4		mg/l	-	-	-	-	-	-	ND	0.1	0.02	ND	0.1	0.02	ND	0.1	0.02
Total Metals - Westborough Lab																		
Aluminum, Total	7429-90-5		mg/kg	5700	8.6	1.7	8100	8.5	1.7	8600	8.6	1.7	9100	9.2	1.8	5000	8.7	1.7
Antimony, Total	7440-36-0		mg/kg	ND	4.3	0.69	ND	4.2	0.68	ND	4.3	0.69	ND	4.6	0.73	ND	4.3	0.7
Arsenic, Total	7440-38-2	13	mg/kg	7.4	0.86	0.17	3.6	0.85	0.17	5.2	0.86	0.17	5.1	0.92	0.18	4	0.87	0.17
Barium, Total	7440-39-3	350	mg/kg	46	0.86	0.26	34	0.85	0.25	43	0.86	0.26	34	0.92	0.27	25	0.87	0.26
Beryllium, Total	7440-41-7	7.2	mg/kg	0.25J	0.43	0.09	0.36J	0.42	0.09	0.33J	0.43	0.09	0.27J	0.46	0.09	0.23J	0.43	0.09
Cadmium, Total	7440-43-9	2.5	mg/kg	0.07J	0.86	0.06	ND	0.85	0.06	ND	0.86	0.06	ND	0.92	0.06	ND	0.87	0.06
Calcium, Total	7440-70-2		mg/kg	22000	8.6	2.6	3400	8.5	2.5	770	8.6	2.6	1400	9.2	2.7	940	8.7	2.6
Chromium, Total	7440-47-3		mg/kg	12	0.86	0.17	17	0.85	0.17	12	0.86	0.17	12	0.92	0.18	12	0.87	0.17
Cobalt, Total	7440-48-4		mg/kg	4	1.7	0.43	7	1.7	0.42	5.2	1.7	0.43	5.2	1.8	0.46	5.2	1.7	0.43
Copper, Total	7440-50-8	50	mg/kg	17	0.86	0.17	24	0.85	0.17	5.6	0.86	0.17	14	0.92	0.18	16	0.87	0.17
Iron, Total	7439-89-6		mg/kg	11000	4.3	1.7	11000	4.2	1.7	14000	4.3	1.7	12000	4.6	1.8	9800	4.3	1.7
Lead, Total	7439-92-1	63	mg/kg	110	4.3	0.17	11	4.2	0.17	6.3	4.3	0.17	7.8	4.6	0.18	5	4.3	0.17
Magnesium, Total	7439-95-4		mg/kg	2500	8.6	0.86	3000	8.5	0.85	1700	8.6	0.86	2600	9.2	0.92	2100	8.7	0.87
Manganese, Total	7439-96-5	1600	mg/kg	280	0.86	0.17	400	0.85	0.17	170	0.86	0.17	200	0.92	0.18	340	0.87	0.17
Mercury, Total	7439-97-6	0.18	mg/kg	4.9	0.23	0.05	0.18	0.07	0.01	0.04J	0.08	0.02	3.6	0.22	0.05	0.06J	0.08	0.02
Nickel, Total	7440-02-0	30	mg/kg	8.4	2.2	0.34	19	2.1	0.34	8.3	2.2	0.34	16	2.3	0.37	12	2.2	0.35
Potassium, Total	7440-09-7		mg/kg	650	220	34	1000	210	34	490	220	34	510	230	37	500	220	35
Selenium, Total	7782-49-2	3.9	mg/kg	ND	1.7	0.26	ND	1.7	0.25	ND	1.7	0.26	ND	1.8	0.27	ND	1.7	0.26
Silver, Total	7440-22-4	2	mg/kg	ND	0.86	0.17	ND	0.85	0.17	ND	0.86	0.17	ND	0.92	0.18	ND	0.87	0.17
Sodium, Total	7440-23-5		mg/kg	200	170	26	230	170	25	93J	170	26	72J	180	27	80J	170	26
Thallium, Total	7440-28-0		mg/kg	ND	1.7	0.34	ND	1.7	0.34	ND	1.7	0.34	ND	1.8	0.37	ND	1.7	0.35
Vanadium, Total	7440-62-2		mg/kg	15	0.86	0.09	25	0.85	0.09	15	0.86	0.09	19	0.92	0.09	19	0.87	0.09
Zinc, Total	7440-66-6	109	mg/kg	41	4.3	0.6	18	4.2	0.59	28	4.3	0.6	29	4.6	0.64	14	4.3	0.61
Volatile Organics by 8260/5035 - Westborough Lab																		
1,1,1,2-Tetrachloroethane	630-20-6		mg/kg	ND	0.00098	0.00031	ND	0.0011	0.00035	ND	0.001	0.00032	ND	0.00096	0.00031	ND	0.001	0.00032
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	ND	0.00098	0.00011	ND	0.0011	0.00012	ND	0.001	0.00011	ND	0.00096	0.00011	ND	0.001	0.00011
1,1,2,2-Tetrachloroethane	79-34-5		mg/kg	ND	0.00098	0.0001	ND	0.0011	0.00011	ND	0.001	0.0001	ND	0.00096	0.0001	ND	0.001	0.0001
1,1,2-Trichloroethane	79-00-5		mg/kg	ND	0.0015	0.0003	ND	0.0016	0.00034	ND	0.0015	0.00031	ND	0.0014	0.00029	ND	0.0015	0.0003
1,1-Dichloroethane	75-34-3	0.27	mg/kg	ND	0.0015	0.00008	ND	0.0016	0.0001	ND	0.0015	0.00009	ND	0.0014	0.00008	ND	0.0015	0.00009
1,1-Dichloroethene	75-35-4	0.33	mg/kg	ND	0.00098	0.00026	ND	0.0011	0.00029	ND	0.001	0.00027	ND	0.00096	0.00025	ND	0.001	0.00026

Table 2 - Soil Analytical Data Summary

LOCATION SAMPLING DATE LAB SAMPLE ID SAMPLE TYPE SAMPLE DEPTH (ft.)				SB-6-1 2/10/2015 L1502635-01 SOIL 1.5-2.0			SB-6-11 2/10/2015 L1502635-02 SOIL 11.0-11.5			SB-6-1-7 2/10/2015 L1502635-03 SOIL 1.0-7.0			SB-6-7-11 2/10/2015 L1502635-04 SOIL 7.0-11.0			SB-6-11-15 2/10/2015 L1502635-05 SOIL 11.0-15.0		
	CasNum	NY-UNRES	Units	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL
1,1-Dichloropropene	563-58-6		mg/kg	ND	0.0049	0.00014	ND	0.0055	0.00016	ND	0.0051	0.00014	ND	0.0048	0.00014	ND	0.005	0.00014
1,2,3-Trichlorobenzene	87-61-6		mg/kg	ND	0.0049	0.00014	ND	0.0055	0.00016	ND	0.0051	0.00015	ND	0.0048	0.00014	ND	0.005	0.00015
1,2,3-Trichloropropane	96-18-4		mg/kg	ND	0.0098	0.00016	ND	0.011	0.00018	ND	0.01	0.00016	ND	0.0096	0.00016	ND	0.01	0.00016
1,2,4,5-Tetramethylbenzene	95-93-2		mg/kg	ND	0.0039	0.00013	ND	0.0044	0.00014	ND	0.0041	0.00013	ND	0.0038	0.00012	ND	0.004	0.00013
1,2,4-Trichlorobenzene	120-82-1		mg/kg	ND	0.0049	0.00018	ND	0.0055	0.0002	ND	0.0051	0.00018	ND	0.0048	0.00018	ND	0.005	0.00018
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	ND	0.0049	0.00014	ND	0.0055	0.00016	ND	0.0051	0.00014	ND	0.0048	0.00014	ND	0.005	0.00014
1,2-Dibromo-3-chloropropane	96-12-8		mg/kg	ND	0.0049	0.00039	ND	0.0055	0.00044	ND	0.0051	0.0004	ND	0.0048	0.00038	ND	0.005	0.00039
1,2-Dibromoethane	106-93-4		mg/kg	ND	0.0039	0.00017	ND	0.0044	0.00019	ND	0.0041	0.00018	ND	0.0038	0.00017	ND	0.004	0.00017
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	ND	0.0049	0.00015	ND	0.0055	0.00017	ND	0.0051	0.00016	ND	0.0048	0.00015	ND	0.005	0.00015
1,2-Dichloroethane	107-06-2	0.02	mg/kg	ND	0.00098	0.00011	ND	0.0011	0.00012	ND	0.001	0.00012	ND	0.00096	0.00011	ND	0.001	0.00011
1,2-Dichloroethene, Total	540-59-0		mg/kg	ND	0.00098	0.00014	ND	0.0011	0.00016	ND	0.001	0.00014	ND	0.00096	0.00014	ND	0.001	0.00014
1,2-Dichloropropane	78-87-5		mg/kg	ND	0.0034	0.00022	ND	0.0039	0.00025	ND	0.0036	0.00023	ND	0.0034	0.00022	ND	0.0035	0.00023
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	ND	0.0049	0.00014	ND	0.0055	0.00016	ND	0.0051	0.00015	ND	0.0048	0.00014	ND	0.005	0.00014
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	ND	0.0049	0.00013	ND	0.0055	0.00015	ND	0.0051	0.00014	ND	0.0048	0.00013	ND	0.005	0.00013
1,3-Dichloropropane	142-28-9		mg/kg	ND	0.0049	0.00014	ND	0.0055	0.00016	ND	0.0051	0.00015	ND	0.0048	0.00014	ND	0.005	0.00014
1,3-Dichloropropene, Total	542-75-6		mg/kg	ND	0.00098	0.00012	ND	0.0011	0.00013	ND	0.001	0.00012	ND	0.00096	0.00011	ND	0.001	0.00012
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	ND	0.0049	0.00014	ND	0.0055	0.00015	ND	0.0051	0.00014	ND	0.0048	0.00013	ND	0.005	0.00014
1,4-Dioxane	123-91-1	0.1	mg/kg	ND	0.098	0.014	ND	0.11	0.016	ND	0.1	0.015	ND	0.096	0.014	ND	0.1	0.014
2,2-Dichloropropane	594-20-7		mg/kg	ND	0.0049	0.00022	ND	0.0055	0.00025	ND	0.0051	0.00023	ND	0.0048	0.00022	ND	0.005	0.00022
2-Butanone	78-93-3	0.12	mg/kg	ND	0.0098	0.00027	ND	0.011	0.0003	ND	0.01	0.00028	ND	0.0096	0.00026	ND	0.01	0.00027
2-Hexanone	591-78-6		mg/kg	ND	0.0098	0.00065	ND	0.011	0.00074	ND	0.01	0.00068	ND	0.0096	0.00064	ND	0.01	0.00066
4-Methyl-2-pentanone	108-10-1		mg/kg	ND	0.0098	0.00024	ND	0.011	0.00027	ND	0.01	0.00025	ND	0.0096	0.00024	ND	0.01	0.00024
Acetone	67-64-1	0.05	mg/kg	ND	0.0098	0.001	ND	0.011	0.0011	0.0074J	0.01	0.001	ND	0.0096	0.001	ND	0.01	0.001
Acrylonitrile	107-13-1		mg/kg	ND	0.0098	0.0005	ND	0.011	0.00057	ND	0.01	0.00052	ND	0.0096	0.0005	ND	0.01	0.00051
Benzene	71-43-2	0.06	mg/kg	ND	0.00098	0.00012	0.00026J	0.0011	0.00013	ND	0.001	0.00012	ND	0.00096	0.00011	ND	0.001	0.00012
Bromobenzene	108-86-1		mg/kg	ND	0.0049	0.0002	ND	0.0055	0.00023	ND	0.0051	0.00021	ND	0.0048	0.0002	ND	0.005	0.00021
Bromochloromethane	74-97-5		mg/kg	ND	0.0049	0.00027	ND	0.0055	0.0003	ND	0.0051	0.00028	ND	0.0048	0.00027	ND	0.005	0.00028
Bromodichloromethane	75-27-4		mg/kg	ND	0.00098	0.00017	ND	0.0011	0.00019	ND	0.001	0.00018	ND	0.00096	0.00017	ND	0.001	0.00017
Bromoform	75-25-2		mg/kg	ND	0.0039	0.00023	ND	0.0044	0.00026	ND	0.0041	0.00024	ND	0.0038	0.00023	ND	0.004	0.00024
Bromomethane	74-83-9		mg/kg	ND	0.002	0.00033	ND	0.0022	0.00037	ND	0.002	0.00034	ND	0.0019	0.00033	ND	0.002	0.00034
Carbon disulfide	75-15-0		mg/kg	ND	0.0098	0.0011	ND	0.011	0.0012	ND	0.01	0.0011	ND	0.0096	0.0011	ND	0.01	0.0011
Carbon tetrachloride	56-23-5	0.76	mg/kg	ND	0.00098	0.0002	ND	0.0011	0.00023	ND	0.001	0.00021	ND	0.00096	0.0002	ND	0.001	0.00021
Chlorobenzene	108-90-7	1.1	mg/kg	ND	0.00098	0.00034	ND	0.0011	0.00038	ND	0.001	0.00035	ND	0.00096	0.00034	ND	0.001	0.00035
Chloroethane	75-00-3		mg/kg	ND	0.002	0.00031	ND	0.0022	0.00035	ND	0.002	0.00032	ND	0.0019	0.0003	ND	0.002	0.00031
Chloroform	67-66-3	0.37	mg/kg	ND	0.0015	0.00036	ND	0.0016	0.00041	ND	0.0015	0.00038	ND	0.0014	0.00036	ND	0.0015	0.00037
Chloromethane	74-87-3		mg/kg	ND	0.0049	0.00029	ND	0.0055	0.00032	ND	0.0051	0.0003	ND	0.0048	0.00028	ND	0.005	0.00029
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	ND	0.00098	0.00014	ND	0.0011	0.00016	ND	0.001	0.00014	ND	0.00096	0.00014	ND	0.001	0.00014
cis-1,3-Dichloropropene	10061-01-5		mg/kg	ND	0.00098	0.00012	ND	0.0011	0.00013	ND	0.001	0.00012	ND	0.00096	0.00011	ND	0.001	0.00012
Dibromochloromethane	124-48-1		mg/kg	ND	0.00098	0.00015	ND	0.0011	0.00017	ND	0.001	0.00016	ND	0.00096	0.00015	ND	0.001	0.00015
Dibromomethane	74-95-3		mg/kg	ND	0.0098	0.00016	ND	0.011	0.00018	ND	0.01	0.00017	ND	0.0096	0.00016	ND	0.01	0.00016
Dichlorodifluoromethane	75-71-8		mg/kg	ND	0.0098	0.00019	ND	0.011	0.00021	ND	0.01	0.00019	ND	0.0096	0.00018	ND	0.01	0.00019
Ethyl ether	60-29-7		mg/kg	ND	0.0049	0.00025	ND	0.0055	0.00029	ND	0.0051	0.00026	ND	0.0048	0.00025	ND	0.005	0.00026
Ethylbenzene	100-41-4	1	mg/kg	ND	0.00098	0.00012	ND	0.0011	0.00014	ND	0.001	0.00013	ND	0.00096	0.00012	ND	0.001	0.00013
Hexachlorobutadiene	87-68-3		mg/kg	ND	0.0049	0.00022	ND	0.0055	0.00025	ND	0.0051	0.00023	ND	0.0048	0.00022	ND	0.005	0.00023
Isopropylbenzene	98-82-8		mg/kg	ND	0.00098	0.0001	ND	0.0011	0.00011	ND	0.001	0.0001	ND	0.00096	0.0001	ND	0.001	0.0001
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	ND	0.002	0.00008	ND	0.0022	0.00009	ND	0.002	0.00009	ND	0.0019	0.00008	ND	0.002	0.00008
Methylene chloride	75-09-2	0.05	mg/kg	ND	0.0098	0.0011	ND	0.011	0.0012	ND	0.01	0.0011	ND	0.0096	0.0011	ND	0.01	0.0011
n-Butylbenzene	104-51-8	12	mg/kg	ND	0.00098	0.00011	ND	0.0011	0.00013	ND	0.001	0.00012	ND	0.00096	0.00011	ND	0.001	0.00011
n-Propylbenzene	103-65-1	3.9	mg/kg	ND	0.00098	0.00011	ND	0.0011	0.00012	ND	0.001	0.00011	ND	0.00096	0.0001	ND	0.001	0.00011
Naphthalene	91-20-3	12	mg/kg	0.004J	0.0049	0.00014	0.00024J	0.0055	0.00015	0.0035J	0.0051	0.00014	0.00045J	0.0048	0.00013	0.00021J	0.005	0.00014
o-Chlorotoluene	95-49-8		mg/kg	ND	0.0049	0.00016	ND	0.0055	0.00018	ND	0.0051	0.00016	ND	0.0048	0.00015	ND	0.005	0.00016
o-Xylene	95-47-6		mg/kg	ND	0.002	0.00017	ND	0.0022	0.00019	ND	0.002	0.00018	ND	0.0019	0.00016	ND	0.002	0.00017
p-Chlorotoluene	106-43-4		mg/kg	ND	0.0049	0.00013	ND	0.0055	0.00015	ND	0.0051	0.00014	ND	0.0048	0.00013	ND	0.005	0.00013
p-Diethylbenzene	105-05-5		mg/kg	ND	0.0039	0.00016	ND	0.0044	0.00018	ND	0.0041	0.00016	ND	0.0038	0.00015	ND	0.004	0.00016
p-Ethyltoluene	622-96-8		mg/kg	ND	0.0039	0.00012	ND	0.0044	0.00014	ND	0.0041	0.00013	ND	0.0038	0.00012	ND	0.004	0.00012
p-Isopropyltoluene	99-87-6		mg/kg	ND	0.00098	0.00012	ND	0.0011	0.00014	ND	0.001	0.00013	ND	0.00096	0.00012	ND	0.001	0.00012
p/m-Xylene	179601-23-1		mg/kg	ND	0.002	0.00019	ND	0.0022	0.00022	ND	0.002	0.0002	ND	0.0019	0.00019	ND	0.002	0.0002
sec-Butylbenzene	135-98-8	11	mg/kg	ND	0.00098	0.00012	ND	0.0011	0.00013	ND	0.001	0.00012	ND	0.00096	0.00012	ND	0.001	0.00012
Styrene	100-42-5		mg/kg	ND	0.002	0.00039	ND	0.0022	0.00044	ND	0.002	0.00041	ND	0.0019	0.00039	ND	0.002	0.0004
tert-Butylbenzene	98-06-6	5.9	mg/kg	ND	0.0049	0.00013	ND	0.0055	0.00015	ND	0.0051	0.00014	ND	0.0048	0.00013	ND	0.005	0.00013
Tetrachloroethene	127-18-4	1.3	mg/kg	ND	0.00098	0.00014	ND	0.0011	0.00015	ND	0.001	0.00014	ND	0.00096	0.00014	ND	0.001	0.00014
Toluene	108-88-3	0.7	mg/kg	ND	0.0015	0.00019	ND	0.0016	0.00022	ND	0.0015	0.0002	ND	0.0014	0.00019	ND	0.0015	0.00019
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	ND	0.0015	0.00021	ND	0.0016	0.00023	ND	0.0015	0.00022	ND	0.0014	0.0002	ND	0.0015	0.00021
trans-1,3-Dichloropropene	10061-02-6		mg/kg	ND	0.00098	0.00012	ND	0.0011	0.00013	ND	0.001	0.00012	ND	0.00096	0.00012	ND	0.001	0.00012

Table 2 - Soil Analytical Data Summary

LOCATION SAMPLING DATE LAB SAMPLE ID SAMPLE TYPE SAMPLE DEPTH (ft.)				SB-6-1 2/10/2015 L1502635-01 SOIL 1.5-2.0			SB-6-11 2/10/2015 L1502635-02 SOIL 11.0-11.5			SB-6-1-7 2/10/2015 L1502635-03 SOIL 1.0-7.0			SB-6-7-11 2/10/2015 L1502635-04 SOIL 7.0-11.0			SB-6-11-15 2/10/2015 L1502635-05 SOIL 11.0-15.0		
	CasNum	NY-UNRES	Units	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL	RESULT	RL	MDL
trans-1,4-Dichloro-2-butene	110-57-6		mg/kg	ND	0.0049	0.00038	ND	0.0055	0.00043	ND	0.0051	0.0004	ND	0.0048	0.00038	ND	0.005	0.00039
Trichloroethene	79-01-6	0.47	mg/kg	ND	0.00098	0.00012	ND	0.0011	0.00014	ND	0.001	0.00013	ND	0.00096	0.00012	ND	0.001	0.00012
Trichlorofluoromethane	75-69-4		mg/kg	ND	0.0049	0.00038	ND	0.0055	0.00043	ND	0.0051	0.0004	ND	0.0048	0.00037	ND	0.005	0.00039
Vinyl acetate	108-05-4		mg/kg	ND	0.0098	0.00013	ND	0.011	0.00015	ND	0.01	0.00013	ND	0.0096	0.00013	ND	0.01	0.00013
Vinyl chloride	75-01-4	0.02	mg/kg	ND	0.002	0.00011	ND	0.0022	0.00013	ND	0.002	0.00012	ND	0.0019	0.00011	ND	0.002	0.00012
Xylenes, Total	1330-20-7	0.26	mg/kg	ND	0.002	0.00017	ND	0.0022	0.00019	ND	0.002	0.00018	ND	0.0019	0.00016	ND	0.002	0.00017

NOTES:
NY-UNRES = New York Unrestricted use Criteria current as of 5/2007
RL = Reporting Limit
MDL = Method Detection Limit
ND = Not Detect
J = Estimated value. The Target Analyte concentration is below the quantitation limit (RL), but above the MDL
RL Exceeds Standard
Exceeds Standard

Table 2 - Soil Analytical Data Summary

LOCATION				SB-7A			SB-7B			SB-7C			SB-8A			SB-8B			SB-8C			SB-9A			SB-9B			SB-9C		
SAMPLING DATE				2/13/2015			2/13/2015			2/13/2015			2/13/2015			2/13/2015			2/13/2015			2/13/2015			2/13/2015			2/13/2015		
LAB SAMPLE ID				L1502879-01			L1502879-02			L1502879-03			L1502879-04			L1502879-05			L1502879-06			L1502879-07			L1502879-08			L1502879-09		
SAMPLE TYPE				SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
SAMPLE DEPTH (ft.)				6-10			16.5-17			19.5-20			7-9			13.5-14			19.5-20			7-10			15.5-16			19.5-20		
	CasNum	NY-UNRES	Units		RL	MDL		RL	MDL		RL	MDL		RL	MDL		RL	MDL		RL	MDL		RL	MDL		RL	MDL		RL	MDL
General Chemistry - Westborough Lab																														
Solids, Total	NONE		%	85.9	0.1	NA	96.4	0.1	NA	87.5	0.1	NA	93	0.1	NA	94.1	0.1	NA	89.9	0.1	NA	71.6	0.1	NA	95	0.1	NA	93.8	0.1	NA
Semivolatile Organics by GC/MS - Westborough Lab																														
1,2,4,5-Tetrachlorobenzene	95-94-3		mg/kg	ND	0.19	0.06	ND	0.17	0.052	ND	0.18	0.057	ND	0.18	0.054	ND	0.18	0.054	ND	0.18	0.056	ND	0.23	0.07	ND	0.17	0.053	ND	0.18	0.054
1,2,4-Trichlorobenzene	120-82-1		mg/kg	ND	0.19	0.064	ND	0.17	0.056	ND	0.18	0.06	ND	0.18	0.058	ND	0.18	0.058	ND	0.18	0.059	ND	0.23	0.074	ND	0.17	0.056	ND	0.18	0.058
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	ND	0.19	0.064	ND	0.17	0.056	ND	0.18	0.06	ND	0.18	0.058	ND	0.18	0.058	ND	0.18	0.06	ND	0.23	0.075	ND	0.17	0.056	ND	0.18	0.058
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	ND	0.19	0.061	ND	0.17	0.054	ND	0.18	0.058	ND	0.18	0.055	ND	0.18	0.056	ND	0.18	0.057	ND	0.23	0.072	ND	0.17	0.054	ND	0.18	0.055
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	ND	0.19	0.059	ND	0.17	0.052	ND	0.18	0.056	ND	0.18	0.053	ND	0.18	0.054	ND	0.18	0.055	ND	0.23	0.069	ND	0.17	0.052	ND	0.18	0.053
2,4,5-Trichlorophenol	95-95-4		mg/kg	ND	0.19	0.063	ND	0.17	0.055	ND	0.18	0.06	ND	0.18	0.057	ND	0.18	0.057	ND	0.18	0.059	ND	0.23	0.074	ND	0.17	0.055	ND	0.18	0.057
2,4,6-Trichlorophenol	88-06-2		mg/kg	ND	0.12	0.036	ND	0.1	0.032	ND	0.11	0.035	ND	0.1	0.033	ND	0.1	0.033	ND	0.11	0.034	ND	0.14	0.043	ND	0.1	0.032	ND	0.1	0.033
2,4-Dichlorophenol	120-83-2		mg/kg	ND	0.17	0.063	ND	0.15	0.055	ND	0.16	0.06	ND	0.16	0.057	ND	0.16	0.057	ND	0.16	0.059	ND	0.2	0.074	ND	0.15	0.055	ND	0.16	0.057
2,4-Dimethylphenol	105-67-9		mg/kg	ND	0.19	0.058	ND	0.17	0.05	ND	0.18	0.055	ND	0.18	0.052	ND	0.18	0.052	ND	0.18	0.054	ND	0.23	0.068	ND	0.17	0.051	ND	0.18	0.052
2,4-Dinitrophenol	51-28-5		mg/kg	ND	0.93	0.26	ND	0.81	0.23	ND	0.88	0.25	ND	0.84	0.24	ND	0.84	0.24	ND	0.87	0.25	ND	1.1	0.31	ND	0.82	0.23	ND	0.84	0.24
2,4-Dinitrotoluene	121-14-2		mg/kg	ND	0.19	0.042	ND	0.17	0.037	ND	0.18	0.04	ND	0.18	0.038	ND	0.18	0.038	ND	0.18	0.039	ND	0.23	0.049	ND	0.17	0.037	ND	0.18	0.038
2,6-Dinitrotoluene	606-20-2		mg/kg	ND	0.19	0.05	ND	0.17	0.043	ND	0.18	0.047	ND	0.18	0.045	ND	0.18	0.045	ND	0.18	0.046	ND	0.23	0.058	ND	0.17	0.044	ND	0.18	0.045
2-Chloronaphthalene	91-58-7		mg/kg	ND	0.19	0.063	ND	0.17	0.055	ND	0.18	0.06	ND	0.18	0.057	ND	0.18	0.057	ND	0.18	0.059	ND	0.23	0.074	ND	0.17	0.055	ND	0.18	0.057
2-Chlorophenol	95-57-8		mg/kg	ND	0.19	0.058	ND	0.17	0.051	ND	0.18	0.056	ND	0.18	0.053	ND	0.18	0.053	ND	0.18	0.055	ND	0.23	0.069	ND	0.17	0.051	ND	0.18	0.053
2-Methylnaphthalene	91-57-6		mg/kg	ND	0.23	0.062	ND	0.2	0.054	ND	0.22	0.059	ND	0.21	0.056	ND	0.21	0.056	ND	0.22	0.058	ND	0.27	0.073	ND	0.2	0.054	ND	0.21	0.056
2-Methylphenol	95-48-7	0.33	mg/kg	ND	0.19	0.062	ND	0.17	0.055	ND	0.18	0.059	ND	0.18	0.056	ND	0.18	0.057	ND	0.18	0.058	ND	0.23	0.073	ND	0.17	0.055	ND	0.18	0.057
2-Nitroaniline	88-74-4		mg/kg	ND	0.19	0.055	ND	0.17	0.048	ND	0.18	0.052	ND	0.18	0.049	ND	0.18	0.05	ND	0.18	0.051	ND	0.23	0.064	ND	0.17	0.048	ND	0.18	0.05
2-Nitrophenol	88-75-5		mg/kg	ND	0.42	0.06	ND	0.37	0.053	ND	0.4	0.058	ND	0.38	0.055	ND	0.38	0.055	ND	0.39	0.056	ND	0.49	0.071	ND	0.37	0.053	ND	0.38	0.055
3,3'-Dichlorobenzidine	91-94-1		mg/kg	ND	0.19	0.052	ND	0.17	0.045	ND	0.18	0.049	ND	0.18	0.047	ND	0.18	0.047	ND	0.18	0.048	ND	0.23	0.06	ND	0.17	0.045	ND	0.18	0.047
3-Methylphenol/4-Methylphenol	108-39-4	0.33	mg/kg	ND	0.28	0.064	ND	0.24	0.056	ND	0.26	0.06	ND	0.25	0.058	ND	0.25	0.058	ND	0.26	0.059	ND	0.33	0.074	ND	0.24	0.056	ND	0.25	0.058
3-Nitroaniline	99-09-2		mg/kg	ND	0.19	0.053	ND	0.17	0.047	ND	0.18	0.051	ND	0.18	0.048	ND	0.18	0.049	ND	0.18	0.05	ND	0.23	0.063	ND	0.17	0.047	ND	0.18	0.048
4,6-Dinitro-o-cresol	534-52-1		mg/kg	ND	0.5	0.071	ND	0.44	0.062	ND	0.48	0.067	ND	0.46	0.064	ND	0.46	0.064	ND	0.47	0.066	ND	0.59	0.083	ND	0.44	0.062	ND	0.46	0.064
4-Bromophenyl phenyl ether	101-55-3		mg/kg	ND	0.19	0.044	ND	0.17	0.039	ND	0.18	0.042	ND	0.18	0.04	ND	0.18	0.04	ND	0.18	0.042	ND	0.23	0.052	ND	0.17	0.039	ND	0.18	0.04
4-Chloroaniline	106-47-8		mg/kg	ND	0.19	0.051	ND	0.17	0.045	ND	0.18	0.049	ND	0.18	0.046	ND	0.18	0.046	ND	0.18	0.048	ND	0.23	0.06	ND	0.17	0.045	ND	0.18	0.046
4-Chlorophenyl phenyl ether	7005-72-3		mg/kg	ND	0.19	0.059	ND	0.17	0.052	ND	0.18	0.056	ND	0.18	0.053	ND	0.18	0.054	ND	0.18	0.055	ND	0.23	0.069	ND	0.17	0.052	ND	0.18	0.054
4-Nitroaniline	100-01-6		mg/kg	ND	0.19	0.052	ND	0.17	0.046	ND	0.18	0.05	ND	0.18	0.047	ND	0.18	0.048	ND	0.18	0.049	ND	0.23	0.061	ND	0.17	0.046	ND	0.18	0.047
4-Nitrophenol	100-02-7		mg/kg	ND	0.27	0.063	ND	0.24	0.055	ND	0.26	0.06	ND	0.24	0.057	ND	0.25	0.057	ND	0.25	0.059	ND	0.32	0.074	ND	0.24	0.055	ND	0.25	0.057
Acenaphthene	83-32-9	20	mg/kg	ND	0.16	0.04	ND	0.14	0.035	ND	0.15	0.038	ND	0.14	0.036	ND	0.14	0.036	ND	0.14	0.037	ND	0.18	0.047	ND	0.14	0.035	ND	0.14	0.036
Acenaphthylene	208-96-8	100	mg/kg	ND	0.16	0.036	ND	0.14	0.032	ND	0.15	0.034	0.1J	0.14	0.033	ND	0.14	0.033	ND	0.14	0.034	0.19	0.18	0.042	ND	0.14	0.032	ND	0.14	0.033
Acetophenone	98-86-2		mg/kg	ND	0.19	0.06	ND	0.17	0.053	ND	0.18	0.057	ND	0.18	0.054	ND	0.18	0.055	ND	0.18	0.056	ND	0.23	0.07	ND	0.17	0.053	ND	0.18	0.054
Anthracene	120-12-7	100	mg/kg	ND	0.12	0.032	ND	0.1	0.028	ND	0.11	0.031	0.077J	0.1	0.029	ND	0.1	0.029	ND	0.11	0.03	0.099J	0.14	0.038	ND	0.1	0.028	ND	0.1	0.029
Benzo(a)anthracene	56-55-3	1	mg/kg	ND	0.12	0.038	ND	0.1	0.033	ND	0.11	0.036	0.38	0.1	0.034	ND	0.1	0.034	ND	0.11	0.036	0.54	0.14	0.044	ND	0.1	0.033	ND	0.1	0.034
Benzo(a)pyrene	50-32-8	1	mg/kg	ND	0.16	0.047	ND	0.14	0.042	ND	0.15	0.045	0.44	0.14	0.043	ND	0.14	0.043	ND	0.14	0.044	0.57	0.18	0.056	ND	0.14	0.042	ND	0.14	0.043
Benzo(b)fluoranthene	205-99-2	1	mg/kg	ND	0.12	0.039	ND	0.1	0.034	ND	0.11	0.037	0.84	0.1	0.035	ND	0.1	0.036	ND	0.11	0.037	1.1	0.14	0.046	ND	0.1	0.034	ND	0.1	0.036
Benzo(ghi)perylene	191-24-2	100	mg/kg	ND	0.16	0.04	ND	0.14	0.035	ND	0.15	0.038	0.41	0.14	0.036	ND	0.14	0.037	ND	0.14	0.038	0.46	0.18	0.047	ND	0.14	0.035	ND	0.14	0.036
Benzo(k)fluoranthene	207-08-9	0.8	mg/kg	ND	0.12	0.037	ND	0.1	0.032	ND	0.11	0.035	0.34	0.1	0.033	ND	0.1	0.034	ND	0.11	0.034	0.42	0.14	0.043	ND	0.1	0.032	ND	0.1	0.034
Benzoic Acid	65-85-0		mg/kg	ND	0.63	0.2	ND	0.55	0.17	ND	0.6	0.19	ND	0.57	0.18	ND	0.57	0.18	ND	0.59	0.18	ND	0.74	0.23	ND	0.55	0.17	ND	0.57	0.18
Benzyl Alcohol	100-51-6		mg/kg	ND	0.19	0.06	ND	0.17	0.052	ND	0.18	0.057	ND	0.18	0.054	ND	0.18	0.054	ND	0.18	0.056	ND	0.23	0.07	ND	0.17	0.052	ND	0.18	0.054
Biphenyl	92-52-4		mg/kg	ND	0.44	0.064	ND	0.39	0.056	ND	0.42	0.061	ND	0.4	0.058	ND	0.4	0.058	ND	0.41	0.06	ND	0.52	0.075	ND	0.39	0.056	ND	0.4	0.058
Bis(2-chloroethoxy)methane	111-91-1		mg/kg	ND	0.21	0.059	ND	0.18	0.051	ND	0.2	0.056	ND	0.19	0.053	ND	0.19	0.053	ND	0.2	0.055	ND	0.24	0.069	ND	0.18	0.052	ND	0.19	0.053
Bis(2-chloroethyl)ether	111-44-4		mg/kg	ND	0.17	0.054	ND	0.15	0.048	ND	0.16	0.052	ND	0.16	0.049	ND	0.16	0.049	ND	0.16	0.051	ND	0.2	0.064	ND	0.15	0.048	ND	0.16	0.049
Bis(2-chloroisopropyl)ether	108-60-1		mg/kg	ND	0.23	0.068	ND	0.2	0.06	ND	0.22	0.065	ND	0.21	0.062	ND	0.21	0.062	ND	0.22	0.064	ND	0.27	0.08	ND	0.2	0.06	ND	0.21	0.062
Bis(2-Ethylhexyl)phthalate	117-81-7		mg/kg	ND	0.19	0.051	ND	0.17	0.044	ND	0.18	0.048	1.1	0.18	0.046	ND	0.18	0.046	ND	0.18	0.048	ND	0.23	0.06	ND	0.17	0.044	ND	0.18	0.046
Butyl benzyl phthalate	85-68-7		mg/kg	ND	0.19	0.038	ND	0.17	0.033	ND	0.18	0.036	0.046J	0.18	0.034	ND	0.18	0.034	ND	0.18	0.035	ND	0.23	0.044	ND	0.17	0.033	ND	0.18	0.034
Carbazole	86-74-8		mg/kg	ND	0.19	0.042	ND	0.17	0.036	ND	0.18	0.04	0.072J	0.18	0.038	ND	0.18	0.038	ND	0.18	0.039	0.12J	0.23	0.049	ND	0.17	0.036	ND	0.18	0.038
Chrysene	218-01-9	1	mg/kg	ND	0.12	0.038	ND	0.1	0.033	ND	0.11	0.036	0.61	0.1	0.034	ND	0.1	0.035	ND	0.11	0.036	0.82	0.14	0.045	ND	0.1	0.033	ND	0.1	0.034
Di-n-butylphthalate	84-74-2		mg/kg	ND	0.19	0.037	ND	0.17	0.033	ND	0.18	0.036	0.12J	0.18	0.034	ND	0.18	0.034	ND	0.18	0.035	1.2	0.23	0.044	ND	0.17	0.033	ND	0.18	0.034
Di-n-octylphthalate	117-84-0		mg/kg	ND	0.19	0.048	ND	0.17	0.042	ND	0.18	0.045	ND	0.18	0.043	ND	0.18	0.043	ND	0.18	0.045	ND	0.23	0.056	ND	0.17	0.042	ND	0.18	0.043
Dibenzo(a,h)anthracene	53-70-3	0.33	mg/kg	ND	0.12	0.038	ND	0.1	0.033	ND	0.11	0.036	0.1	0.1	0.034	ND	0.1	0.034	ND	0.11	0.035	0.12J	0.14	0.044	ND	0.1	0.033	ND	0.1	0.034
Dibenzofuran	132-64-9	7	mg/kg	ND	0.19	0.065	ND	0.17	0.057	ND	0.18	0.062	ND	0.18	0.058	ND	0.18	0.059	ND	0.18	0.06	ND	0.23	0.076	ND	0.17	0.057	ND	0.18	0.059
Diethyl phthalate	84-66-2		mg/kg	ND	0.19	0.041	ND	0.17	0.036	ND	0.18	0.039	ND	0.18	0.037	ND	0.18	0.037	ND	0.18	0.038	ND	0.23	0.048	ND	0.17	0.036	ND	0.18	0.037
Dimethyl phthalate	131-11-3		mg/kg	ND	0.19	0.049	ND	0.17	0.043	ND	0.18	0.047	ND	0.18	0.044	ND	0.18	0.045	ND	0.18	0.046	ND	0.23	0.058	ND	0.17	0.043	ND	0.18	0.045
Fluoranthene	206-44-0	100	mg/kg	ND	0.12	0.036	ND	0.1	0.031	ND	0.11	0.034	0.94	0.1	0.032	ND	0.1	0.032	ND	0.11	0.033	1.4	0.14	0.042	ND	0.1	0.031	ND	0.1	0.032
Fluorene	86-73-7	30	mg/kg	ND	0.19	0.056	ND	0.17	0.049	ND	0.18	0.053	ND	0.18	0.05	ND	0.18	0.05	ND	0.18	0.052	ND	0.23	0.065	ND	0.17	0.049	ND	0.18	0.05
Hexachlorobenzene	118-74-1	0.33	mg/kg	ND	0.12	0.036	ND	0.1	0.032	ND	0.11	0.034	ND	0.1	0.033	ND	0.1	0.033	ND	0.11	0.034	ND	0.14	0.042	ND	0.1	0.032	ND	0.1	0.033
Hexachlorobutadiene	87-68-3		mg/kg	ND	0.19	0.055	ND	0.17	0.048	ND	0.18	0.052	ND	0.18	0.049	ND	0.18	0.05	ND	0.18	0.051	ND	0.23	0.064	ND	0.17	0.048	ND	0.18	0.05
Hexachlorocyclopentadiene	77-47-4		mg/kg	ND	0.56	0.12	ND	0.49	0.11	ND	0.53	0.12	ND	0.5	0.11	ND	0.5	0.11	ND	0.52	0.12	ND	0.65	0.14	ND	0.49	0.11	ND	0.5	0.11
Hexachloroethane	67-72-1		mg/kg	ND	0.16	0.035	ND	0.14	0.031	ND	0.15	0.034	ND	0.14	0.032	ND	0.14	0.032	ND	0.14	0.033	ND	0.18	0.041	ND	0.14	0.031	ND	0.14	0.032
Indeno(1,2,3-cd)Pyrene	193-39-5	0.5	mg/kg	ND	0.16	0.043	ND	0.14	0.038	ND	0.15	0.041	0.43	0.14	0.039	ND	0.14	0.039	ND	0.14	0.04	0.51	0.18	0.05	ND	0.14	0.038	ND	0.14	0.039

Table 2 - Soil Analytical Data Summary

LOCATION				SB-7A			SB-7B			SB-7C			SB-8A			SB-8B			SB-8C			SB-9A			SB-9B			SB-9C		
SAMPLING DATE				2/13/2015			2/13/2015			2/13/2015			2/13/2015			2/13/2015			2/13/2015			2/13/2015			2/13/2015			2/13/2015		
LAB SAMPLE ID				L1502879-01			L1502879-02			L1502879-03			L1502879-04			L1502879-05			L1502879-06			L1502879-07			L1502879-08			L1502879-09		
SAMPLE TYPE				SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
SAMPLE DEPTH (ft.)				6-10			16.5-17			19.5-20			7-9			13.5-14			19.5-20			7-10			15.5-16			19.5-20		
	CasNum	NY-UNRES	Units		RL	MDL		RL	MDL		RL	MDL		RL	MDL		RL	MDL		RL	MDL		RL	MDL		RL	MDL		RL	MDL
Isophorone	78-59-1		mg/kg	ND	0.17	0.052	ND	0.15	0.045	ND	0.16	0.049	ND	0.16	0.047	ND	0.16	0.047	ND	0.16	0.048	ND	0.2	0.06	ND	0.15	0.045	ND	0.16	0.047
n-Nitrosodi-n-propylamine	621-64-7		mg/kg	ND	0.19	0.058	ND	0.17	0.05	ND	0.18	0.055	ND	0.18	0.052	ND	0.18	0.052	ND	0.18	0.054	ND	0.23	0.068	ND	0.17	0.051	ND	0.18	0.052
Naphthalene	91-20-3	12	mg/kg	ND	0.19	0.064	ND	0.17	0.056	ND	0.18	0.061	ND	0.18	0.058	ND	0.18	0.058	ND	0.18	0.06	ND	0.23	0.075	ND	0.17	0.056	ND	0.18	0.058
Nitrobenzene	98-95-3		mg/kg	ND	0.17	0.046	ND	0.15	0.04	ND	0.16	0.044	ND	0.16	0.042	ND	0.16	0.042	ND	0.16	0.043	ND	0.2	0.054	ND	0.15	0.04	ND	0.16	0.042
NitrosoDiPhenylAmine(NDPA)/DPA	86-30-6		mg/kg	ND	0.16	0.041	ND	0.14	0.036	ND	0.15	0.039	ND	0.14	0.037	ND	0.14	0.037	ND	0.14	0.038	ND	0.18	0.048	ND	0.14	0.036	ND	0.14	0.037
P-Chloro-M-Cresol	59-50-7		mg/kg	ND	0.19	0.056	ND	0.17	0.049	ND	0.18	0.053	ND	0.18	0.051	ND	0.18	0.051	ND	0.18	0.052	ND	0.23	0.066	ND	0.17	0.049	ND	0.18	0.051
Pentachlorophenol	87-86-5	0.8	mg/kg	ND	0.16	0.041	ND	0.14	0.036	ND	0.15	0.039	ND	0.14	0.038	ND	0.14	0.038	ND	0.14	0.039	ND	0.18	0.049	ND	0.14	0.036	ND	0.14	0.038
Phenanthrene	85-01-8	100	mg/kg	ND	0.12	0.038	ND	0.1	0.033	ND	0.11	0.036	0.47	0.1	0.034	ND	0.1	0.034	ND	0.11	0.035	0.86	0.14	0.044	ND	0.1	0.033	ND	0.1	0.034
Phenol	108-95-2	0.33	mg/kg	ND	0.19	0.057	ND	0.17	0.05	ND	0.18	0.054	ND	0.18	0.052	ND	0.18	0.052	ND	0.18	0.054	ND	0.23	0.067	ND	0.17	0.05	ND	0.18	0.052
Pyrene	129-00-0	100	mg/kg	ND	0.12	0.038	ND	0.1	0.033	ND	0.11	0.036	0.75	0.1	0.034	ND	0.1	0.034	ND	0.11	0.035	1.1	0.14	0.044	ND	0.1	0.033	ND	0.1	0.034
Total Metals - Westborough Lab																														
Aluminum, Total	7429-90-5		mg/kg	4000	8.7	1.7	2600	8	1.6	3600	8.9	1.8	4300	8.3	1.7	2700	8.2	1.6	2800	8.6	1.7	6000	11	2.2	3700	8	1.6	3900	8.2	1.6
Antimony, Total	7440-36-0		mg/kg	ND	4.3	0.7	ND	4	0.64	ND	4.4	0.71	ND	4.2	0.67	ND	4.1	0.66	ND	4.3	0.69	ND	5.5	0.88	ND	4	0.64	ND	4.1	0.66
Arsenic, Total	7440-38-2	13	mg/kg	3.4	0.87	0.17	2.3	0.8	0.16	2.8	0.89	0.18	2.9	0.83	0.17	1.4	0.82	0.16	2	0.86	0.17	7.6	1.1	0.22	2.8	0.8	0.16	2.2	0.82	0.16
Barium, Total	7440-39-3	350	mg/kg	28	0.87	0.26	10	0.8	0.24	20	0.89	0.26	26	0.83	0.25	14	0.82	0.25	11	0.86	0.26	120	1.1	0.33	21	0.8	0.24	20	0.82	0.25
Beryllium, Total	7440-41-7	7.2	mg/kg	0.28J	0.43	0.09	0.16J	0.4	0.08	0.24J	0.44	0.09	0.2J	0.42	0.08	0.09J	0.41	0.08	0.14J	0.43	0.09	0.23J	0.55	0.11	0.17J	0.4	0.08	0.2J	0.41	0.08
Cadmium, Total	7440-43-9	2.5	mg/kg	ND	0.87	0.06	ND	0.8	0.06	ND	0.89	0.06	0.28J	0.83	0.06	ND	0.82	0.06	ND	0.86	0.06	0.33J	1.1	0.08	ND	0.8	0.06	ND	0.82	0.06
Calcium, Total	7440-70-2		mg/kg	3300	8.7	2.6	600	8	2.4	810	8.9	2.6	1100	8.3	2.5	470	8.2	2.5	720	8.6	2.6	57000	11	3.3	1900	8	2.4	1000	8.2	2.5
Chromium, Total	7440-47-3		mg/kg	8.5	0.87	0.17	5.5	0.8	0.16	17	0.89	0.18	8.1	0.83	0.17	5.2	0.82	0.16	8.5	0.86	0.17	17	1.1	0.22	7	0.8	0.16	9.7	0.82	0.16
Cobalt, Total	7440-48-4		mg/kg	3.5	1.7	0.43	2.6	1.6	0.4	3.8	1.8	0.44	4.3	1.7	0.42	1.8	1.6	0.41	2.1	1.7	0.43	4.6	2.2	0.55	2.7	1.6	0.4	3.4	1.6	0.41
Copper, Total	7440-50-8	50	mg/kg	14	0.87	0.17	11	0.8	0.16	14	0.89	0.18	14	0.83	0.17	12	0.82	0.16	9.6	0.86	0.17	35	1.1	0.22	13	0.8	0.16	16	0.82	0.16
Iron, Total	7439-89-6		mg/kg	7400	4.3	1.7	4700	4	1.6	6100	4.4	1.8	5900	4.2	1.7	4000	4.1	1.6	4400	4.3	1.7	11000	5.5	2.2	5600	4	1.6	6100	4.1	1.6
Lead, Total	7439-92-1	63	mg/kg	3.3J	4.3	0.17	1.5J	4	0.16	1.3J	4.4	0.18	19	4.2	0.17	1.4J	4.1	0.16	1.8J	4.3	0.17	2600	5.5	0.22	1.7J	4	0.16	3.9J	4.1	0.16
Magnesium, Total	7439-95-4		mg/kg	2000	8.7	0.87	1400	8	0.8	1700	8.9	0.89	1600	8.3	0.83	1000	8.2	0.82	1200	8.6	0.86	5700	11	1.1	1700	8	0.8	2100	8.2	0.82
Manganese, Total	7439-96-5	1600	mg/kg	490	0.87	0.17	200	0.8	0.16	350	0.89	0.18	420	0.83	0.17	190	0.82	0.16	79	0.86	0.17	460	1.1	0.22	220	0.8	0.16	240	0.82	0.16
Mercury, Total	7439-97-6	0.18	mg/kg	ND	0.08	0.02	ND	0.07	0.02	ND	0.08	0.02	0.75	0.07	0.02	0.02J	0.07	0.01	ND	0.07	0.02	0.49	0.09	0.02	0.01J	0.07	0.01	ND	0.07	0.01
Nickel, Total	7440-02-0	30	mg/kg	8.4	2.2	0.35	6.8	2	0.32	9.9	2.2	0.35	11	2.1	0.33	4.9	2.1	0.33	6.6	2.2	0.34	13	2.8	0.44	6.9	2	0.32	8.8	2.1	0.33
Potassium, Total	7440-09-7		mg/kg	390	220	35	330	200	32	330	220	35	360	210	33	280	210	33	300	220	34	700	280	44	480	200	32	860	210	33
Selenium, Total	7782-49-2	3.9	mg/kg	ND	1.7	0.26	ND	1.6	0.24	ND	1.8	0.26	ND	1.7	0.25	ND	1.6	0.25	0.31J	1.7	0.26	ND	2.2	0.33	ND	1.6	0.24	ND	1.6	0.25
Silver, Total	7440-22-4	2	mg/kg	0.22J	0.87	0.17	ND	0.8	0.16	0.2J	0.89	0.18	ND	0.83	0.17	0.19J	0.82	0.16	0.22J	0.86	0.17	ND	1.1	0.22	ND	0.8	0.16	ND	0.82	0.16
Sodium, Total	7440-23-5		mg/kg	160J	170	26	40J	160	24	93J	180	26	32J	170	25	ND	160	25	93J	170	26	270	220	33	55J	160	24	86J	160	25
Thallium, Total	7440-28-0		mg/kg	ND	1.7	0.35	ND	1.6	0.32	ND	1.8	0.35	ND	1.7	0.33	ND	1.6	0.33	ND	1.7	0.34	ND	2.2	0.44	ND	1.6	0.32	ND	1.6	0.33
Vanadium, Total	7440-62-2		mg/kg	10	0.87	0.09	9.5	0.8	0.08	16	0.89	0.09	9.2	0.83	0.08	7.1	0.82	0.08	8	0.86	0.09	17	1.1	0.11	9.7	0.8	0.08	12	0.82	0.08
Zinc, Total	7440-66-6	109	mg/kg	13	4.3	0.61	8.8	4	0.56	12	4.4	0.62	380	4.2	0.58	8.1	4.1	0.58	8.6	4.3	0.6	400	5.5	0.77	11	4	0.56	14	4.1	0.58
Volatile Organics by 8260/5035 - Westborough Lab																														
1,1,1,2-Tetrachloroethane	630-20-6		mg/kg	ND	0.0012	0.00038	ND	0.0012	0.00038	ND	0.0011	0.00034	ND	0.00094	0.0003	ND	0.0011	0.00034	ND	0.0011	0.00034	ND	0.0014	0.00044	ND	0.001	0.00033	ND	0.00097	0.00031
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	ND	0.0012	0.00013	ND	0.0012	0.00013	ND	0.0011	0.00012	ND	0.00094	0.0001	ND	0.0011	0.00012	ND	0.0011	0.00012	ND	0.0014	0.00015	ND	0.001	0.00011	ND	0.00097	0.00011
1,1,2,2-Tetrachloroethane	79-34-5		mg/kg	ND	0.0012	0.00012	ND	0.0012	0.00012	ND	0.0011	0.00011	ND	0.00094	0.0001	ND	0.0011	0.00011	ND	0.0011	0.00011	ND	0.0014	0.00014	ND	0.001	0.0001	ND	0.00097	0.0001
1,1,2-Trichloroethane	79-00-5		mg/kg	ND	0.0018	0.00036	ND	0.0018	0.00037	ND	0.0016	0.00033	ND	0.0014	0.00029	ND	0.0016	0.00032	ND	0.0016	0.00032	ND	0.002	0.00042	ND	0.0015	0.00031	ND	0.0014	0.00029
1,1-Dichloroethane	75-34-3	0.27	mg/kg	ND	0.0018	0.0001	ND	0.0018	0.0001	ND	0.0016	0.00009	ND	0.0014	0.00008	ND	0.0016	0.00009	ND	0.0016	0.00009	ND	0.002	0.00012	ND	0.0015	0.00009	ND	0.0014	0.00008
1,1-Dichloroethene	75-35-4	0.33	mg/kg	ND	0.0012	0.00031	ND	0.0012	0.00032	ND	0.0011	0.00028	ND	0.00094	0.00025	ND	0.0011	0.00028	ND	0.0011	0.00028	ND	0.0014	0.00036	ND	0.001	0.00027	ND	0.00097	0.00025
1,1-Dichloropropene	563-58-6		mg/kg	ND	0.0059	0.00017	ND	0.006	0.00017	ND	0.0054	0.00015	ND	0.0047	0.00013	ND	0.0053	0.00015	ND	0.0053	0.00015	ND	0.0068	0.00019	ND	0.0052	0.00014	ND	0.0048	0.00014
1,2,3-Trichlorobenzene	87-61-6		mg/kg	ND	0.0059	0.00018	ND	0.006	0.00018	ND	0.0054	0.00016	ND	0.0047	0.00014	ND	0.0053	0.00016	ND	0.0053	0.00016	ND	0.0068	0.0002	ND	0.0052	0.00015	ND	0.0048	0.00014
1,2,3-Trichloropropane	96-18-4		mg/kg	ND	0.012	0.00019	ND	0.012	0.0002	ND	0.011	0.00018	ND	0.0094	0.00015	ND	0.011	0.00017	ND	0.011	0.00017	ND	0.014	0.00022	ND	0.01	0.00017	ND	0.0097	0.00016
1,2,4,5-Tetramethylbenzene	95-93-2		mg/kg	ND	0.0048	0.00015	ND	0.0048	0.00016	ND	0.0043	0.00014	ND	0.0038	0.00012	ND	0.0042	0.00014	ND	0.0043	0.00014	ND	0.0055	0.00018	ND	0.0041	0.00013	ND	0.0039	0.00013
1,2,4-Trichlorobenzene	120-82-1		mg/kg	ND	0.0059	0.00022	ND	0.006	0.00022	ND	0.0054	0.0002	ND	0.0047	0.00017	ND	0.0053	0.00019	ND	0.0053	0.00019	ND	0.0068	0.00025	ND	0.0052	0.00019	ND	0.0048	0.00018
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	ND	0.0059	0.00017	ND	0.006	0.00017	ND	0.0054	0.00015	ND	0.0047	0.00013	ND	0.0053	0.00015	ND	0.0053	0.00015	ND	0.0068	0.00019	ND	0.0052	0.00014	ND	0.0048	0.00014
1,2-Dibromo-3-chloropropane	96-12-8		mg/kg	ND	0.0059	0.00047	ND	0.006	0.00048	ND	0.0054	0.00043	ND	0.0047	0.00037	ND	0.0053	0.00042	ND	0.0053	0.00042	ND	0.0068	0.00054	ND	0.0052	0.00041	ND	0.0048	0.00038
1,2-Dibromoethane	106-93-4		mg/kg	ND	0.0048	0.00021	ND	0.0048	0.00021	ND	0.0043	0.00019	ND	0.0038	0.00016	ND	0.0042	0.00018	ND	0.0043	0.00019	ND	0.0055	0.00024	ND	0.0041	0.00018	ND	0.0039	0.00017
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	ND	0.0059	0.00018	ND	0.006	0.00018	ND	0.0054	0.00016	ND	0.0047	0.00014	ND	0.0053	0.00016	ND	0.0053	0.00016	ND	0.0068	0.00021	ND	0.0052	0.00016	ND	0.0048	0.00015
1,2-Dichloroethane	107-06-2	0.02	mg/kg	ND	0.0012	0.00013	ND	0.0012	0.00014	ND	0.0011	0.00012	ND	0.00094	0.00011	ND	0.0011	0.00012	ND	0.0011	0.00012	ND	0.0014	0.00016	ND	0.001	0.00012	ND	0.00097	0.00011
1,2-Dichloroethene, Total	540-59-0		mg/kg	ND	0.0012	0.00017	ND	0.0012	0.00017	ND	0.0011	0.00015	ND	0.00094	0.00013	ND	0.0011	0.00015	ND	0.0011	0.00015	ND	0.0014	0.0002	ND	0.001	0.00015	ND	0.00097	0.00014
1,2-Dichloropropane	78-87-5		mg/kg	ND	0.0042	0.00027	ND	0.0042	0.00028	ND	0.0038	0.00024	ND	0.0033	0.00022	ND	0.0037	0.00024	ND	0.0037	0.00024	ND	0.0048	0.00031	ND	0.0036	0.00024	ND	0.0034	0.00022
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	ND	0.0059	0.00017	ND	0.006	0.00017	ND	0.0054	0.00015	ND	0.0047	0.00014	ND	0.0053	0.00015	ND	0.0053	0.00015	ND	0.0068	0.0002	ND	0.0052	0.00015	ND	0.0048	0.00014
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	ND	0.0059	0.00016	ND	0.006	0.00016	ND	0.0054	0.00014	ND	0.0047	0.00013	ND	0.0053	0.00014	ND	0.0053	0.00014	ND	0.0068	0.00018	ND	0.0052	0.00014	ND	0.0048	0.00013
1,3-Dichloropropane	142-28-9		mg/kg	ND	0.0059	0.00017	ND	0.006	0.00018	ND	0.0054	0.00016	ND	0.0047	0.00014	ND	0.0053	0.00015	ND	0.0053	0.00016	ND	0.0068	0.0002	ND	0.0052	0.00015	ND	0.0048	0.00014
1,3-Dichloropropene, Total	542-75-6		mg/kg	ND	0.0012	0.00014	ND	0.0012	0.00014	ND	0.0011	0.00013	ND	0.00094	0.00011	ND	0.0011	0.00012	ND	0.0011	0.00012	ND	0.0014	0.00016	ND	0.001	0.00012	ND	0.00097	0.00011
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	ND	0.0059	0.00016	ND	0.006	0.00017	ND	0.0054	0.00015	ND	0.0047	0.00013	ND	0.0053	0.00015	ND	0.0053	0.00015	ND	0.0068	0.00019	ND	0.0052	0.00014	ND	0.0048	0.00013
1,4-Dioxane	123-91-1	0.1	mg/kg	ND	0.12	0.017	ND	0.12	0.017	ND	0.11	0.016	ND	0.094	0.014	ND	0.11	0.015	ND	0.11	0.015	ND	0.14	0.02	ND	0.1	0.015	ND	0.097	0.014
2,2-Dichloropropane	594-20-7		mg/kg	ND	0.0059	0.00027	ND	0.006	0.00027	ND	0.0054	0.00024	ND	0.0047	0.00021	ND	0.0053	0.00024	ND	0.0053	0.00024	ND	0.0068	0.00031	ND	0.0052	0.00023	ND	0.0048	0.00022
2-Butanone	78-93-3	0.12	mg/kg	ND	0.012	0.00032	ND	0.012	0.00033	ND	0.011	0.00029	ND	0.0094	0.00026	ND	0.011	0.00029	ND	0.011	0.00029	0.0012J	0.014	0.00037	ND	0.01	0.00028	ND	0.0097	0.00026
2-Hexanone	591-78-6		mg/kg	ND	0.012	0.00079	ND	0.012	0.0008	ND	0.011	0.00072	ND	0.0094	0.00063	ND	0.011	0.00071	ND	0.011	0.00071	ND	0.014	0.00091	ND	0.01	0.00069	ND	0.0097	0.00064

Table 2 - Soil Analytical Data Summary

LOCATION				SB-7A			SB-7B			SB-7C			SB-8A			SB-8B			SB-8C			SB-9A			SB-9B			SB-9C		
SAMPLING DATE				2/13/2015			2/13/2015			2/13/2015			2/13/2015			2/13/2015			2/13/2015			2/13/2015			2/13/2015			2/13/2015		
LAB SAMPLE ID				L1502879-01			L1502879-02			L1502879-03			L1502879-04			L1502879-05			L1502879-06			L1502879-07			L1502879-08			L1502879-09		
SAMPLE TYPE				SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL			SOIL		
SAMPLE DEPTH (ft.)				6-10			16.5-17			19.5-20			7-9			13.5-14			19.5-20			7-10			15.5-16			19.5-20		
	CasNum	NY-UNRES	Units		RL	MDL		RL	MDL		RL	MDL		RL	MDL		RL	MDL		RL	MDL		RL	MDL		RL	MDL		RL	MDL
4-Methyl-2-pentanone	108-10-1		mg/kg	ND	0.012	0.00029	ND	0.012	0.00029	ND	0.011	0.00026	ND	0.0094	0.00023	ND	0.011	0.00026	ND	0.011	0.00026	0.02	0.014	0.00033	ND	0.01	0.00025	ND	0.0097	0.00024
Acetone	67-64-1	0.05	mg/kg	0.0035J	0.012	0.0012	0.0043J	0.012	0.0012	0.0032J	0.011	0.0011	0.002J	0.0094	0.00098	0.0027J	0.011	0.0011	0.0032J	0.011	0.0011	0.014	0.014	0.0014	0.0034J	0.01	0.0011	0.003J	0.0097	0.001
Acrylonitrile	107-13-1		mg/kg	ND	0.012	0.00061	ND	0.012	0.00062	ND	0.011	0.00055	ND	0.0094	0.00048	ND	0.011	0.00055	ND	0.011	0.00055	ND	0.014	0.0007	ND	0.01	0.00053	ND	0.0097	0.0005
Benzene	71-43-2	0.06	mg/kg	ND	0.0012	0.00014	ND	0.0012	0.00014	ND	0.0011	0.00013	ND	0.00094	0.00011	ND	0.0011	0.00012	ND	0.0011	0.00013	ND	0.0014	0.00016	ND	0.001	0.00012	ND	0.00097	0.00011
Bromobenzene	108-86-1		mg/kg	ND	0.0059	0.00025	ND	0.006	0.00025	ND	0.0054	0.00022	ND	0.0047	0.0002	ND	0.0053	0.00022	ND	0.0053	0.00022	ND	0.0068	0.00028	ND	0.0052	0.00021	ND	0.0048	0.0002
Bromochloromethane	74-97-5		mg/kg	ND	0.0059	0.00033	ND	0.006	0.00033	ND	0.0054	0.0003	ND	0.0047	0.00026	ND	0.0053	0.00029	ND	0.0053	0.0003	ND	0.0068	0.00038	ND	0.0052	0.00028	ND	0.0048	0.00027
Bromodichloromethane	75-27-4		mg/kg	ND	0.0012	0.0002	ND	0.0012	0.00021	ND	0.0011	0.00019	ND	0.00094	0.00016	ND	0.0011	0.00018	ND	0.0011	0.00018	ND	0.0014	0.00024	ND	0.001	0.00018	ND	0.00097	0.00017
Bromoform	75-25-2		mg/kg	ND	0.0048	0.00028	ND	0.0048	0.00028	ND	0.0043	0.00025	ND	0.0038	0.00022	ND	0.0042	0.00025	ND	0.0043	0.00025	ND	0.0055	0.00032	ND	0.0041	0.00024	ND	0.0039	0.00023
Bromomethane	74-83-9		mg/kg	ND	0.0024	0.0004	ND	0.0024	0.00041	ND	0.0022	0.00036	ND	0.0019	0.00032	ND	0.0021	0.00036	ND	0.0021	0.00036	ND	0.0027	0.00046	ND	0.0021	0.00035	ND	0.0019	0.00033
Carbon disulfide	75-15-0		mg/kg	ND	0.012	0.0013	ND	0.012	0.0013	ND	0.011	0.0012	ND	0.0094	0.001	ND	0.011	0.0012	ND	0.011	0.0012	ND	0.014	0.0015	ND	0.01	0.0011	ND	0.0097	0.0011
Carbon tetrachloride	56-23-5	0.76	mg/kg	ND	0.0012	0.00025	ND	0.0012	0.00025	ND	0.0011	0.00023	ND	0.00094	0.0002	ND	0.0011	0.00022	ND	0.0011	0.00022	ND	0.0014	0.00029	ND	0.001	0.00022	ND	0.00097	0.0002
Chlorobenzene	108-90-7	1.1	mg/kg	ND	0.0012	0.00041	ND	0.0012	0.00042	ND	0.0011	0.00038	ND	0.00094	0.00033	ND	0.0011	0.00037	ND	0.0011	0.00037	ND	0.0014	0.00048	ND	0.001	0.00036	ND	0.00097	0.00034
Chloroethane	75-00-3		mg/kg	ND	0.0024	0.00038	ND	0.0024	0.00038	ND	0.0022	0.00034	ND	0.0019	0.0003	ND	0.0021	0.00034	ND	0.0021	0.00034	ND	0.0027	0.00043	ND	0.0021	0.00033	ND	0.0019	0.00031
Chloroform	67-66-3	0.37	mg/kg	ND	0.0018	0.00044	ND	0.0018	0.00045	ND	0.0016	0.0004	ND	0.0014	0.00035	ND	0.0016	0.00039	ND	0.0016	0.0004	ND	0.002	0.00051	ND	0.0015	0.00038	ND	0.0014	0.00036
Chloromethane	74-87-3		mg/kg	ND	0.0059	0.00035	ND	0.006	0.00035	ND	0.0054	0.00032	ND	0.0047	0.00028	ND	0.0053	0.00031	ND	0.0053	0.00031	ND	0.0068	0.0004	ND	0.0052	0.0003	ND	0.0048	0.00028
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	ND	0.0012	0.00017	ND	0.0012	0.00017	ND	0.0011	0.00015	ND	0.00094	0.00013	ND	0.0011	0.00015	ND	0.0011	0.00015	ND	0.0014	0.0002	ND	0.001	0.00015	ND	0.00097	0.00014
cis-1,3-Dichloropropene	10061-01-5		mg/kg	ND	0.0012	0.00014	ND	0.0012	0.00014	ND	0.0011	0.00013	ND	0.00094	0.00011	ND	0.0011	0.00012	ND	0.0011	0.00012	ND	0.0014	0.00016	ND	0.001	0.00012	ND	0.00097	0.00011
Dibromochloromethane	124-48-1		mg/kg	ND	0.0012	0.00018	ND	0.0012	0.00018	ND	0.0011	0.00016	ND	0.00094	0.00014	ND	0.0011	0.00016	ND	0.0011	0.00016	ND	0.0014	0.00021	ND	0.001	0.00016	ND	0.00097	0.00015
Dibromomethane	74-95-3		mg/kg	ND	0.012	0.00019	ND	0.012	0.0002	ND	0.011	0.00018	ND	0.0094	0.00015	ND	0.011	0.00017	ND	0.011	0.00017	ND	0.014	0.00022	ND	0.01	0.00017	ND	0.0097	0.00016
Dichlorodifluoromethane	75-71-8		mg/kg	ND	0.012	0.00023	ND	0.012	0.00023	ND	0.011	0.0002	ND	0.0094	0.00018	ND	0.011	0.0002	ND	0.011	0.0002	ND	0.014	0.00026	ND	0.01	0.0002	ND	0.0097	0.00018
Ethyl ether	60-29-7		mg/kg	ND	0.0059	0.00031	ND	0.006	0.00031	ND	0.0054	0.00028	ND	0.0047	0.00024	ND	0.0053	0.00028	ND	0.0053	0.00028	ND	0.0068	0.00036	ND	0.0052	0.00027	ND	0.0048	0.00025
Ethylbenzene	100-41-4	1	mg/kg	ND	0.0012	0.00015	ND	0.0012	0.00015	ND	0.0011	0.00014	ND	0.00094	0.00012	ND	0.0011	0.00014	ND	0.0011	0.00014	0.00087J	0.0014	0.00017	ND	0.001	0.00013	ND	0.00097	0.00012
Hexachlorobutadiene	87-68-3		mg/kg	ND	0.0059	0.00027	ND	0.006	0.00028	ND	0.0054	0.00024	ND	0.0047	0.00022	ND	0.0053	0.00024	ND	0.0053	0.00024	ND	0.0068	0.00031	ND	0.0052	0.00024	ND	0.0048	0.00022
Isopropylbenzene	98-82-8		mg/kg	ND	0.0012	0.00012	ND	0.0012	0.00012	ND	0.0011	0.00011	ND	0.00094	0.0001	ND	0.0011	0.00011	ND	0.0011	0.00011	ND	0.0014	0.00014	ND	0.001	0.00011	ND	0.00097	0.0001
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	ND	0.0024	0.0001	ND	0.0024	0.0001	ND	0.0022	0.00009	ND	0.0019	0.00008	ND	0.0021	0.00009	ND	0.0021	0.00009	ND	0.0027	0.00012	ND	0.0021	0.00009	ND	0.0019	0.00008
Methylene chloride	75-09-2	0.05	mg/kg	ND	0.012	0.0013	ND	0.012	0.0013	ND	0.011	0.0012	ND	0.0094	0.001	ND	0.011	0.0012	ND	0.011	0.0012	ND	0.014	0.0015	ND	0.01	0.0011	ND	0.0097	0.0011
n-Butylbenzene	104-51-8	12	mg/kg	ND	0.0012	0.00014	ND	0.0012	0.00014	ND	0.0011	0.00012	ND	0.00094	0.00011	ND	0.0011	0.00012	ND	0.0011	0.00012	ND	0.0014	0.00016	ND	0.001	0.00012	ND	0.00097	0.00011
n-Propylbenzene	103-65-1	3.9	mg/kg	ND	0.0012	0.00013	ND	0.0012	0.00013	ND	0.0011	0.00012	ND	0.00094	0.0001	ND	0.0011	0.00012	ND	0.0011	0.00012	ND	0.0014	0.00015	ND	0.001	0.00011	ND	0.00097	0.0001
Naphthalene	91-20-3	12	mg/kg	ND	0.0059	0.00016	ND	0.006	0.00017	ND	0.0054	0.00015	ND	0.0047	0.00013	ND	0.0053	0.00015	ND	0.0053	0.00015	ND	0.0068	0.00019	ND	0.0052	0.00014	ND	0.0048	0.00013
o-Chlorotoluene	95-49-8		mg/kg	ND	0.0059	0.00019	ND	0.006	0.00019	ND	0.0054	0.00017	ND	0.0047	0.00015	ND	0.0053	0.00017	ND	0.0053	0.00017	ND	0.0068	0.00022	ND	0.0052	0.00016	ND	0.0048	0.00015
o-Xylene	95-47-6		mg/kg	ND	0.0024	0.0002	ND	0.0024	0.00021	ND	0.0022	0.00018	ND	0.0019	0.00016	ND	0.0021	0.00018	ND	0.0021	0.00018	0.012	0.0027	0.00024	ND	0.0021	0.00018	ND	0.0019	0.00017
p-Chlorotoluene	106-43-4		mg/kg	ND	0.0059	0.00016	ND	0.006	0.00016	ND	0.0054	0.00014	ND	0.0047	0.00012	ND	0.0053	0.00014	ND	0.0053	0.00014	ND	0.0068	0.00018	ND	0.0052	0.00014	ND	0.0048	0.00013
p-Diethylbenzene	105-05-5		mg/kg	ND	0.0048	0.00019	ND	0.0048	0.00019	ND	0.0043	0.00017	ND	0.0038	0.00015	ND	0.0042	0.00017	ND	0.0043	0.00017	ND	0.0055	0.00022	ND	0.0041	0.00016	ND	0.0039	0.00015
p-Ethyltoluene	622-96-8		mg/kg	ND	0.0048	0.00015	ND	0.0048	0.00015	ND	0.0043	0.00013	ND	0.0038	0.00012	ND	0.0042	0.00013	ND	0.0043	0.00013	ND	0.0055	0.00017	ND	0.0041	0.00013	ND	0.0039	0.00012
p-Isopropyltoluene	99-87-6		mg/kg	ND	0.0012	0.00015	ND	0.0012	0.00015	ND	0.0011	0.00013	ND	0.00094	0.00012	ND	0.0011	0.00013	ND	0.0011	0.00013	ND	0.0014	0.00017	ND	0.001	0.00013	ND	0.00097	0.00012
p/m-Xylene	179601-23-1		mg/kg	ND	0.0024	0.00023	ND	0.0024	0.00024	ND	0.0022	0.00021	ND	0.0019	0.00019	ND	0.0021	0.00021	ND	0.0021	0.00021	0.0099	0.0027	0.00027	ND	0.0021	0.0002	ND	0.0019	0.00019
sec-Butylbenzene	135-98-8	11	mg/kg	ND	0.0012	0.00014	ND	0.0012	0.00015	ND	0.0011	0.00013	ND	0.00094	0.00012	ND	0.0011	0.00013	ND	0.0011	0.00013	ND	0.0014	0.00017	ND	0.001	0.00012	ND	0.00097	0.00012
Styrene	100-42-5		mg/kg	ND	0.0024	0.00048	ND	0.0024	0.00048	ND	0.0022	0.00043	ND	0.0019	0.00038	ND	0.0021	0.00043	ND	0.0021	0.00043	ND	0.0027	0.00055	ND	0.0021	0.00041	ND	0.0019	0.00039
tert-Butylbenzene	98-06-6	5.9	mg/kg	ND	0.0059	0.00016	ND	0.006	0.00016	ND	0.0054	0.00014	ND	0.0047	0.00013	ND	0.0053	0.00014	ND	0.0053	0.00014	ND	0.0068	0.00018	ND	0.0052	0.00014	ND	0.0048	0.00013
Tetrachloroethene	127-18-4	1.3	mg/kg	ND	0.0012	0.00017	ND	0.0012	0.00017	ND	0.0011	0.00015	ND	0.00094	0.00013	ND	0.0011	0.00015	ND	0.0011	0.00015	ND	0.0014	0.00019	ND	0.001	0.00014	ND	0.00097	0.00014
Toluene	108-88-3	0.7	mg/kg	ND	0.0018	0.00023	ND	0.0018	0.00023	ND	0.0016	0.00021	ND	0.0014	0.00018	ND	0.0016	0.00021	ND	0.0016	0.00021	ND	0.002	0.00027	ND	0.0015	0.0002	ND	0.0014	0.00019
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	ND	0.0018	0.00025	ND	0.0018	0.00026	ND	0.0016	0.00023	ND	0.0014	0.0002	ND	0.0016	0.00022	ND	0.0016	0.00023	ND	0.002	0.00029	ND	0.0015	0.00022	ND	0.0014	0.0002
trans-1,3-Dichloropropene	10061-02-6		mg/kg	ND	0.0012	0.00014	ND	0.0012	0.00014	ND	0.0011	0.00013	ND	0.00094	0.00011	ND	0.0011	0.00013	ND	0.0011	0.00013	ND	0.0014	0.00016	ND	0.001	0.00012	ND	0.00097	0.00012
trans-1,4-Dichloro-2-butene	110-57-6		mg/kg	ND	0.0059	0.00046	ND	0.006	0.00047	ND	0.0054	0.00042	ND	0.0047	0.00037	ND	0.0053	0.00042	ND	0.0053	0.00042	ND	0.0068	0.00054	ND	0.0052	0.0004	ND	0.0048	0.00038
Trichloroethene	79-01-6	0.47	mg/kg	ND	0.0012	0.00015	ND	0.0012	0.00015	ND	0.0011	0.00013	ND	0.00094	0.00012	ND	0.0011	0.00013	ND	0.0011	0.00013	ND	0.0014	0.00017	ND	0.001	0.00013	ND	0.00097	0.00012
Trichlorofluoromethane	75-69-4		mg/kg	ND	0.0059	0.00046	ND	0.006	0.00047	ND	0.0054	0.00042	ND	0.0047	0.00036	ND	0.0053	0.00041	ND	0.0053	0.00041	ND	0.0068	0.00053	ND	0.0052	0.0004	ND	0.0048	0.00038
Vinyl acetate	108-05-4		mg/kg	ND	0.012	0.00016	ND	0.012	0.00016	ND	0.011	0.00014	ND	0.0094	0.00012	ND	0.011	0.00014	ND	0.011	0.00014	ND	0.014	0.00018	ND	0.01	0.00014	ND	0.0097	0.00013
Vinyl chloride	75-01-4	0.02	mg/kg	ND	0.0024	0.00014	ND	0.0024	0.00014	ND	0.0022	0.00013	ND	0.0019	0.00011	ND	0.0021	0.00012	ND	0.0021	0.00012	ND	0.0027	0.00016	ND	0.0021	0.00012	ND	0.0019	0.00011
Xylenes, Total	1330-20-7	0.26	mg/kg	ND	0.0024	0.0002	ND	0.0024	0.00021	ND	0.0022	0.00018	ND	0.0019	0.00016	ND	0.0021	0.00018	ND	0.0021	0.00018	0.022	0.0027	0.00024	ND	0.0021	0.00018	ND	0.0019	0.00017

NOTES:

NY-UNRES = New York Unrestricted use Criteria current as of 5/2007
RL = Reporting Limit
MDL = Method Detection Limit
ND = Not Detect
J = Estimated value. The Target Analyte concentration is below the quantitation limit (RL), but above the MDL
RL Exceeds Standard
Exceeds Standard

Table 2 - Groundwater Analytical Data Summary

LOCATION SAMPLING DATE LAB SAMPLE ID SAMPLE TYPE				SB-1 1/21/2015 L1501439-08 GROUNDWATER			GW-2 2/12/2015 L1502878-01 GROUNDWATER		
	CasNum	NY-AWQS	Units	RESULTS	RL	MDL	RESULTS	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab									
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	ND	10	0.36	ND	10	0.36
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	ND	5	0.21	ND	5	0.21
1,2-Dichlorobenzene	95-50-1	3	ug/l	ND	2	0.3	ND	2	0.3
1,3-Dichlorobenzene	541-73-1	3	ug/l	ND	2	0.35	ND	2	0.35
1,4-Dichlorobenzene	106-46-7	3	ug/l	ND	2	0.32	ND	2	0.32
2,4,5-Trichlorophenol	95-95-4		ug/l	ND	5	0.75	ND	5	0.75
2,4,6-Trichlorophenol	88-06-2		ug/l	ND	5	0.78	ND	5	0.78
2,4-Dichlorophenol	120-83-2	1	ug/l	ND	5	0.56	ND	5	0.56
2,4-Dimethylphenol	105-67-9	50	ug/l	ND	5	0.58	ND	5	0.58
2,4-Dinitrophenol	51-28-5	10	ug/l	ND	20	1.4	ND	20	1.4
2,4-Dinitrotoluene	121-14-2	5	ug/l	ND	5	1	ND	5	1
2,6-Dinitrotoluene	606-20-2	5	ug/l	ND	5	0.89	ND	5	0.89
2-Chlorophenol	95-57-8		ug/l	ND	2	0.58	ND	2	0.58
2-Methylphenol	95-48-7		ug/l	ND	5	0.7	ND	5	0.7
2-Nitroaniline	88-74-4	5	ug/l	ND	5	0.96	ND	5	0.96
2-Nitrophenol	88-75-5		ug/l	ND	10	1	ND	10	1
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	ND	5	0.48	ND	5	0.48
3-Methylphenol/4-Methylphenol	108-39-4		ug/l	ND	5	0.72	ND	5	0.72
3-Nitroaniline	99-09-2	5	ug/l	ND	5	0.67	ND	5	0.67
4,6-Dinitro-o-cresol	534-52-1		ug/l	ND	10	1.4	ND	10	1.4
4-Bromophenyl phenyl ether	101-55-3		ug/l	ND	2	0.43	ND	2	0.43
4-Chloroaniline	106-47-8	5	ug/l	ND	5	0.84	ND	5	0.84
4-Chlorophenyl phenyl ether	7005-72-3		ug/l	ND	2	0.36	ND	2	0.36
4-Nitroaniline	100-01-6	5	ug/l	ND	5	0.83	ND	5	0.83
4-Nitrophenol	100-02-7		ug/l	ND	10	1.1	ND	10	1.1
Acetophenone	98-86-2		ug/l	ND	5	0.43	ND	5	0.43
Benzoic Acid	65-85-0		ug/l	ND	50	1	4.4J	50	1
Benzyl Alcohol	100-51-6		ug/l	ND	2	0.68	ND	2	0.68
Biphenyl	92-52-4	5	ug/l	ND	2	0.24	ND	2	0.24
Bis(2-chloroethoxy)methane	111-91-1	5	ug/l	ND	5	0.6	ND	5	0.6
Bis(2-chloroethyl)ether	111-44-4	1	ug/l	ND	2	0.41	ND	2	0.41
Bis(2-chloroisopropyl)ether	108-60-1	5	ug/l	ND	2	0.6	ND	2	0.6
Bis(2-Ethylhexyl)phthalate	117-81-7	5	ug/l	1.3J	3	0.93	ND	3	0.93
Butyl benzyl phthalate	85-68-7	50	ug/l	ND	5	1.1	ND	5	1.1
Carbazole	86-74-8		ug/l	ND	2	0.37	ND	2	0.37
Di-n-butylphthalate	84-74-2	50	ug/l	ND	5	0.77	0.97J	5	0.77
Di-n-octylphthalate	117-84-0	50	ug/l	ND	5	1.2	ND	5	1.2
Dibenzofuran	132-64-9		ug/l	ND	2	0.22	ND	2	0.22
Diethyl phthalate	84-66-2	50	ug/l	ND	5	0.39	ND	5	0.39
Dimethyl phthalate	131-11-3	50	ug/l	ND	5	0.33	ND	5	0.33
Hexachlorocyclopentadiene	77-47-4	5	ug/l	ND	20	0.58	ND	20	0.58
Isophorone	78-59-1	50	ug/l	ND	5	0.79	ND	5	0.79
n-Nitrosodi-n-propylamine	621-64-7		ug/l	ND	5	0.64	ND	5	0.64
Nitrobenzene	98-95-3	0.4	ug/l	ND	2	0.4	ND	2	0.4
NitrosoDiPhenylAmine(NDPA)/DPA	86-30-6	50	ug/l	ND	2	0.34	ND	2	0.34
P-Chloro-M-Cresol	59-50-7		ug/l	ND	2	0.54	ND	2	0.54
Phenol	108-95-2	1	ug/l	ND	5	0.27	ND	5	0.27
Semivolatile Organics by GC/MS-SIM - Westborough Lab									
2-Chloronaphthalene	91-58-7	10	ug/l	ND	0.2	0.07	ND	0.2	0.07
2-Methylnaphthalene	91-57-6		ug/l	ND	0.2	0.06	0.08J	0.2	0.06
Acenaphthene	83-32-9	20	ug/l	ND	0.2	0.06	ND	0.2	0.06
Acenaphthylene	208-96-8		ug/l	ND	0.2	0.05	ND	0.2	0.05
Anthracene	120-12-7	50	ug/l	ND	0.2	0.06	ND	0.2	0.06
Benzo(a)anthracene	56-55-3	0.002	ug/l	ND	0.2	0.06	ND	0.2	0.06
Benzo(a)pyrene	50-32-8	0	ug/l	ND	0.2	0.07	ND	0.2	0.07
Benzo(b)fluoranthene	205-99-2	0.002	ug/l	ND	0.2	0.07	ND	0.2	0.07
Benzo(ghi)perylene	191-24-2		ug/l	ND	0.2	0.07	ND	0.2	0.07
Benzo(k)fluoranthene	207-08-9	0.002	ug/l	ND	0.2	0.07	ND	0.2	0.07
Chrysene	218-01-9	0.002	ug/l	ND	0.2	0.05	ND	0.2	0.05
Dibenzo(a,h)anthracene	53-70-3		ug/l	ND	0.2	0.07	ND	0.2	0.07

Table 2 - Groundwater Analytical Data Summary

LOCATION SAMPLING DATE LAB SAMPLE ID SAMPLE TYPE				SB-1 1/21/2015 L1501439-08 GROUNDWATER			GW-2 2/12/2015 L1502878-01 GROUNDWATER		
Fluoranthene	206-44-0	50	ug/l	ND	0.2	0.04	ND	0.2	0.04
Fluorene	86-73-7	50	ug/l	ND	0.2	0.06	ND	0.2	0.06
Hexachlorobenzene	118-74-1	0.04	ug/l	ND	0.8	0.01	ND	0.8	0.01
Hexachlorobutadiene	87-68-3	0.5	ug/l	ND	0.5	0.07	ND	0.5	0.07
Hexachloroethane	67-72-1	5	ug/l	ND	0.8	0.07	ND	0.8	0.07
Indeno(1,2,3-cd)Pyrene	193-39-5	0.002	ug/l	ND	0.2	0.08	ND	0.2	0.08
Naphthalene	91-20-3	10	ug/l	ND	0.2	0.06	ND	0.2	0.06
Pentachlorophenol	87-86-5	1	ug/l	ND	0.8	0.19	ND	0.8	0.19
Phenanthrene	85-01-8	50	ug/l	ND	0.2	0.06	0.11J	0.2	0.06
Pyrene	129-00-0	50	ug/l	ND	0.2	0.06	ND	0.2	0.06
Total Metals - Westborough Lab									
Aluminum, Total	7429-90-5		ug/l	22500	2000	338	304000	20000	3380
Antimony, Total	7440-36-0	3	ug/l	1.86J	2	0.06	1.59J	3	0.06
Arsenic, Total	7440-38-2	25	ug/l	10.68	0.5	0.12	25.68	0.5	0.12
Barium, Total	7440-39-3	1000	ug/l	605.8	10	1.25	7304	10	1.25
Beryllium, Total	7440-41-7	3	ug/l	1.98	0.5	0.15	27.62	0.5	0.15
Cadmium, Total	7440-43-9	5	ug/l	1.53	0.2	0.05	11.91	0.2	0.05
Calcium, Total	7440-70-2		ug/l	150000	2000	640	225000	2000	640
Chromium, Total	7440-47-3	50	ug/l	48.84	1	0.25	213.3	1	0.25
Cobalt, Total	7440-48-4		ug/l	25.93	0.2	0.06	238.4	0.2	0.06
Copper, Total	7440-50-8	200	ug/l	98.46	1	0.26	2106	20	5.24
Iron, Total	7439-89-6	300	ug/l	29200	50	12	204000	1000	240
Lead, Total	7439-92-1	25	ug/l	619	20	2.58	2198	20	2.58
Magnesium, Total	7439-95-4	35000	ug/l	31600	70	22.3	40600	1400	446
Manganese, Total	7439-96-5	300	ug/l	3408	40	6.04	76380	2000	604
Mercury, Total	7439-97-6	0.7	ug/l	0.4	0.2	0.06	ND	0.2	0.06
Nickel, Total	7440-02-0	100	ug/l	52.2	1	0.08	406.6	0.5	0.08
Potassium, Total	7440-09-7		ug/l	7980	100	19.3	10600	100	19.3
Selenium, Total	7782-49-2	10	ug/l	4.93J	5	1	48.8	5	1
Silver, Total	7440-22-4	50	ug/l	0.23J	0.4	0.07	1.29	0.4	0.07
Sodium, Total	7440-23-5	20000	ug/l	45800	2000	322	21200	100	16.1
Thallium, Total	7440-28-0	0.5	ug/l	0.29J	0.5	0.05	3.14	0.5	0.05
Vanadium, Total	7440-62-2		ug/l	55.94	5	0.55	70.35	5	0.55
Zinc, Total	7440-66-6	2000	ug/l	414.4	10	2.56	421.2	10	2.56
Volatile Organics by GC/MS - Westborough Lab									
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
1,1,1-Trichloroethane	71-55-6	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	ND	0.5	0.14	ND	0.5	0.14
1,1,2-Trichloroethane	79-00-5	1	ug/l	ND	1.5	0.5	ND	1.5	0.5
1,1-Dichloroethane	75-34-3	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
1,1-Dichloroethene	75-35-4	5	ug/l	ND	0.5	0.14	ND	0.5	0.14
1,1-Dichloropropene	563-58-6	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	ND	2.5	0.7	ND	2.5	0.7
1,2,4,5-Tetramethylbenzene	95-93-2		ug/l	ND	2	0.65	ND	2	0.65
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ug/l	ND	2.5	0.7	ND	2.5	0.7
1,2-Dibromoethane	106-93-4	0.0006	ug/l	ND	2	0.65	ND	2	0.65
1,2-Dichlorobenzene	95-50-1	3	ug/l	ND	2.5	0.7	ND	2.5	0.7
1,2-Dichloroethane	107-06-2	0.6	ug/l	ND	0.5	0.13	ND	0.5	0.13
1,2-Dichloroethene, Total	540-59-0		ug/l	ND	2.5	0.7	ND	2.5	0.7
1,2-Dichloropropane	78-87-5	1	ug/l	ND	1	0.13	ND	1	0.13
1,3,5-Trimethylbenzene	108-67-8	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
1,3-Dichlorobenzene	541-73-1	3	ug/l	ND	2.5	0.7	ND	2.5	0.7
1,3-Dichloropropane	142-28-9	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
1,3-Dichloropropene, Total	542-75-6		ug/l	ND	0.5	0.14	ND	0.5	0.14
1,4-Dichlorobenzene	106-46-7	3	ug/l	ND	2.5	0.7	ND	2.5	0.7
1,4-Dioxane	123-91-1		ug/l	ND	250	41	ND	250	41
2,2-Dichloropropane	594-20-7	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
2-Butanone	78-93-3	50	ug/l	ND	5	1.9	ND	5	1.9
2-Hexanone	591-78-6	50	ug/l	ND	5	1	ND	5	1

Table 2 - Groundwater Analytical Data Summary

LOCATION SAMPLING DATE LAB SAMPLE ID SAMPLE TYPE				SB-1 1/21/2015 L1501439-08 GROUNDWATER			GW-2 2/12/2015 L1502878-01 GROUNDWATER		
4-Methyl-2-pentanone	108-10-1		ug/l	ND	5	1	ND	5	1
Acetone	67-64-1	50	ug/l	ND	5	1.5	2J	5	1.5
Acrylonitrile	107-13-1	5	ug/l	ND	5	1.5	ND	5	1.5
Benzene	71-43-2	1	ug/l	ND	0.5	0.16	ND	0.5	0.16
Bromobenzene	108-86-1	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
Bromochloromethane	74-97-5	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
Bromodichloromethane	75-27-4	50	ug/l	ND	0.5	0.19	ND	0.5	0.19
Bromoform	75-25-2	50	ug/l	ND	2	0.65	ND	2	0.65
Bromomethane	74-83-9	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
Carbon disulfide	75-15-0	60	ug/l	ND	5	1	ND	5	1
Carbon tetrachloride	56-23-5	5	ug/l	ND	0.5	0.13	ND	0.5	0.13
Chlorobenzene	108-90-7	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
Chloroethane	75-00-3	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
Chloroform	67-66-3	7	ug/l	1.1J	2.5	0.7	ND	2.5	0.7
Chloromethane	74-87-3		ug/l	ND	2.5	0.7	ND	2.5	0.7
cis-1,2-Dichloroethene	156-59-2	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	ND	0.5	0.14	ND	0.5	0.14
Dibromochloromethane	124-48-1	50	ug/l	ND	0.5	0.15	ND	0.5	0.15
Dibromomethane	74-95-3	5	ug/l	ND	5	1	ND	5	1
Dichlorodifluoromethane	75-71-8	5	ug/l	ND	5	1	ND	5	1
Ethyl ether	60-29-7		ug/l	ND	2.5	0.7	ND	2.5	0.7
Ethylbenzene	100-41-4	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
Hexachlorobutadiene	87-68-3	0.5	ug/l	ND	2.5	0.7	ND	2.5	0.7
Isopropylbenzene	98-82-8	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
Methyl tert butyl ether	1634-04-4	10	ug/l	ND	2.5	0.7	ND	2.5	0.7
Methylene chloride	75-09-2	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
n-Butylbenzene	104-51-8	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
n-Propylbenzene	103-65-1	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
Naphthalene	91-20-3	10	ug/l	ND	2.5	0.7	ND	2.5	0.7
o-Chlorotoluene	95-49-8	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
o-Xylene	95-47-6	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
p-Chlorotoluene	106-43-4	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
p-Diethylbenzene	105-05-5		ug/l	ND	2	0.7	ND	2	0.7
p-Ethyltoluene	622-96-8		ug/l	ND	2	0.7	ND	2	0.7
p-Isopropyltoluene	99-87-6	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
p/m-Xylene	179601-23-1	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
sec-Butylbenzene	135-98-8	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
Styrene	100-42-5	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
tert-Butylbenzene	98-06-6	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
Tetrachloroethene	127-18-4	5	ug/l	ND	0.5	0.18	ND	0.5	0.18
Toluene	108-88-3	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
trans-1,2-Dichloroethene	156-60-5	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	ND	0.5	0.16	ND	0.5	0.16
trans-1,4-Dichloro-2-butene	110-57-6	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
Trichloroethene	79-01-6	5	ug/l	ND	0.5	0.18	ND	0.5	0.18
Trichlorofluoromethane	75-69-4	5	ug/l	ND	2.5	0.7	ND	2.5	0.7
Vinyl acetate	108-05-4		ug/l	ND	5	1	ND	5	1
Vinyl chloride	75-01-4	2	ug/l	ND	1	0.33	ND	1	0.33
Xylenes, Total	1330-20-7		ug/l	ND	2.5	0.7	ND	2.5	0.7

NOTES:

NY-AWQS = New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.
RL = Reporting Limit
MDL = Method Detection Limit
ND = Not Detect
J = Estimated value. The Target Analyte concentration is below the quantitation limit (RL), but above the MDL
RL Exceeds Standard
Exceeds Standard

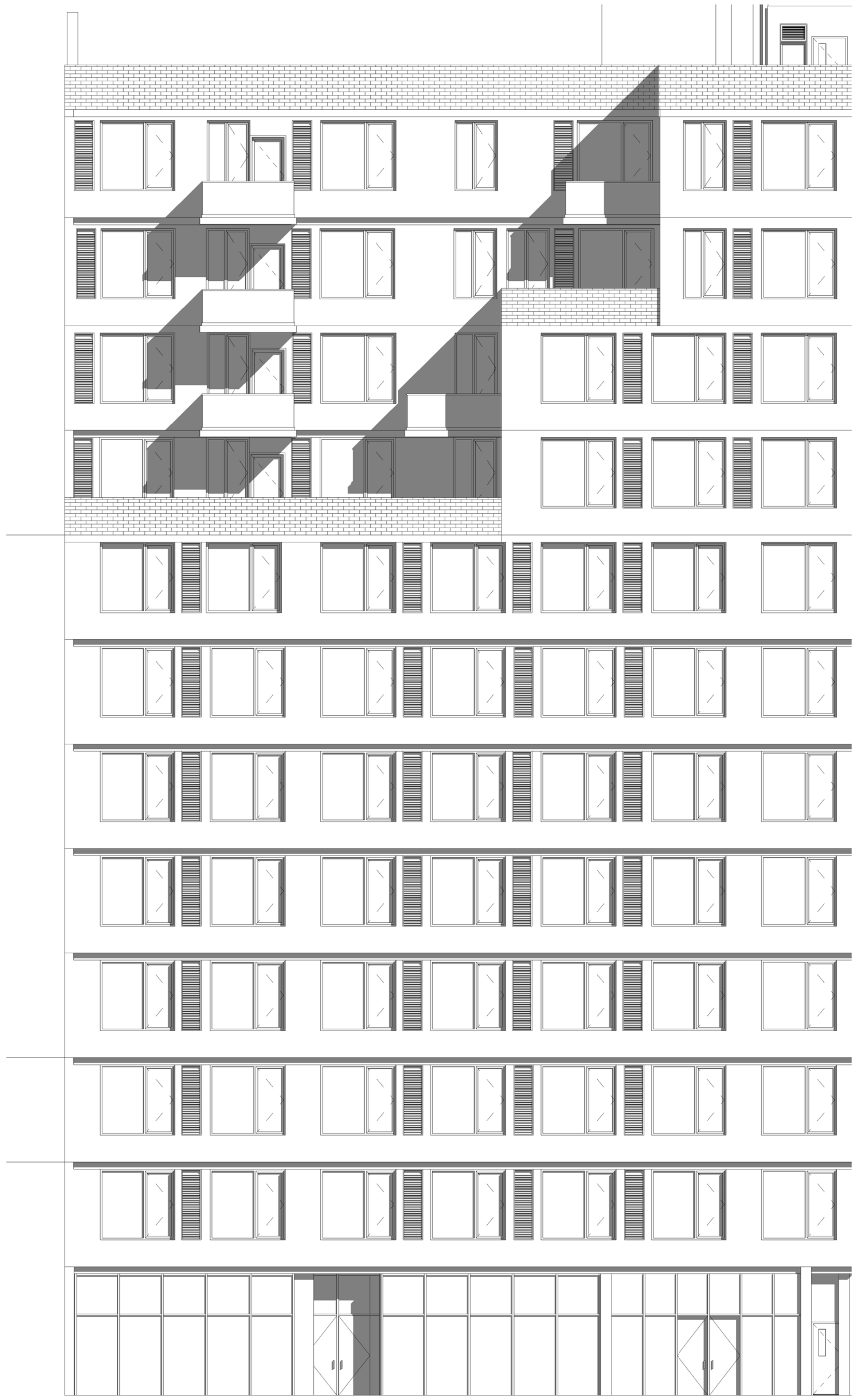
Table 3 - Soil Vapor Analytical Data Summary

LOCATION SAMPLING DATE LAB SAMPLE ID SAMPLE TYPE SAMPLE DEPTH (ft)			SV-1A 2/12/2015 L1502877-01 Soil Vapor - Sub-Slab 1.5-2.0		SV-2 2/12/2015 L1502877-02 Soil Vapor - Sub-Slab 1.5-2.0		SV-3 2/12/2015 L1502877-03 Soil Vapor 5.0-5.5		SV-4 2/12/2015 L1502877-04 Soil Vapor - Sub-Slab 1.5-2.0		SV-5 2/12/2015 L1502877-05 Soil Vapor 5.0-5.5	
	CasNum	NYSDOH AGV (ug/m^3)	Results (ug/m^3)	RL	Results (ug/m^3)	RL	Results (ug/m^3)	RL	Results (ug/m^3)	RL	Results (ug/m^3)	RL
Volatile Organics in Air (ug/m^3)												
Dichlorodifluoromethane	75-71-8	-	ND	-	ND	-	2.15	0.989	1.79	0.989	1.53	0.989
Chloromethane	74-87-3	-	ND	-	ND	-	1.12	0.413	ND	-	ND	-
Freon-114	76-14-2	-	ND	-	ND	-	ND	-	ND	-	ND	-
Vinyl chloride	75-01-4	-	ND	-	ND	-	ND	-	ND	-	ND	-
1,3-Butadiene	106-99-0	-	3.61	2.21	2.37	1.11	0.491	0.442	0.454	0.442	ND	-
Bromomethane	74-83-9	-	ND	-	ND	-	ND	-	ND	-	ND	-
Chloroethane	75-00-3	-	ND	-	ND	-	ND	-	ND	-	ND	-
Ethanol	64-17-5	-	ND	-	ND	-	ND	-	53.5	4.71	ND	-
Vinyl bromide	593-60-2	-	ND	-	ND	-	ND	-	ND	-	ND	-
Acetone	67-64-1	-	147	11.9	2110	5.94	13.5	2.38	21.2	2.38	8.53	2.38
Trichlorofluoromethane	75-69-4	-	ND	-	ND	-	1.38	1.12	1.25	1.12	38	1.12
Isopropanol	67-63-0	-	ND	-	3.66	3.07	2.78	1.23	ND	-	ND	-
1,1-Dichloroethene	75-35-4	-	ND	-	ND	-	ND	-	ND	-	ND	-
Tertiary butyl Alcohol	75-65-0	-	ND	-	ND	-	ND	-	ND	-	ND	-
Methylene chloride	75-09-2	60	ND	-	ND	-	ND	-	ND	-	ND	-
3-Chloropropene	107-05-1	-	ND	-	ND	-	ND	-	ND	-	ND	-
Carbon disulfide	75-15-0	-	ND	-	2.29	1.56	ND	-	0.707	0.623	ND	-
Freon-113	76-13-1	-	ND	-	ND	-	ND	-	ND	-	ND	-
trans-1,2-Dichloroethene	156-60-5	-	ND	-	ND	-	ND	-	ND	-	ND	-
1,1-Dichloroethane	75-34-3	-	ND	-	ND	-	ND	-	ND	-	ND	-
Methyl tert butyl ether	1634-04-4	-	ND	-	ND	-	ND	-	ND	-	ND	-
2-Butanone	78-93-3	-	ND	-	ND	-	1.73	1.47	1.54	1.47	ND	-
cis-1,2-Dichloroethene	156-59-2	-	ND	-	ND	-	ND	-	ND	-	ND	-
Ethyl Acetate	141-78-6	-	ND	-	ND	-	ND	-	ND	-	ND	-
Chloroform	67-66-3	-	13	4.88	8.89	2.44	ND	-	ND	-	1.07	0.977
Tetrahydrofuran	109-99-9	-	ND	-	ND	-	ND	-	ND	-	ND	-
1,2-Dichloroethane	107-06-2	-	ND	-	ND	-	ND	-	ND	-	ND	-
n-Hexane	110-54-3	-	235	3.52	337	1.76	1.05	0.705	ND	-	ND	-
1,1,1-Trichloroethane	71-55-6	-	ND	-	ND	-	ND	-	ND	-	ND	-
Benzene	71-43-2	-	9.26	3.19	8.34	1.6	2.36	0.639	1.5	0.639	ND	-
Carbon tetrachloride	56-23-5	-	ND	-	ND	-	ND	-	ND	-	ND	-
Cyclohexane	110-82-7	-	44.1	3.44	92.2	1.72	ND	-	ND	-	ND	-
1,2-Dichloropropane	78-87-5	-	ND	-	ND	-	ND	-	ND	-	ND	-
Bromodichloromethane	75-27-4	-	ND	-	ND	-	ND	-	ND	-	ND	-
1,4-Dioxane	123-91-1	-	ND	-	ND	-	ND	-	ND	-	ND	-
Trichloroethene	79-01-6	5	7.31	5.37	ND	-	ND	-	ND	-	ND	-
2,2,4-Trimethylpentane	540-84-1	-	54.2	4.67	ND	-	ND	-	ND	-	ND	-
Heptane	142-82-5	-	97.9	4.1	194	2.05	ND	-	ND	-	ND	-
cis-1,3-Dichloropropene	10061-01-5	-	ND	-	ND	-	ND	-	ND	-	ND	-
4-Methyl-2-pentanone	108-10-1	-	ND	-	ND	-	2.06	2.05	ND	-	ND	-
trans-1,3-Dichloropropene	10061-02-6	-	ND	-	ND	-	ND	-	ND	-	ND	-
1,1,2-Trichloroethane	79-00-5	-	ND	-	ND	-	ND	-	ND	-	ND	-
Toluene	108-88-3	-	17.4	3.77	17	1.88	3.06	0.754	1.84	0.754	ND	-
2-Hexanone	591-78-6	-	ND	-	ND	-	ND	-	ND	-	ND	-
Dibromochloromethane	124-48-1	-	ND	-	ND	-	ND	-	ND	-	ND	-
1,2-Dibromoethane	106-93-4	-	ND	-	ND	-	ND	-	ND	-	ND	-
Tetrachloroethene	127-18-4	30	92.2	6.78	ND	-	ND	-	ND	-	1.37	1.36
Chlorobenzene	108-90-7	-	ND	-	ND	-	ND	-	ND	-	ND	-
Ethylbenzene	100-41-4	-	ND	-	2.34	2.17	ND	-	ND	-	ND	-
p/m-Xylene	179601-23-1	-	ND	-	6.95	4.34	1.89	1.74	ND	-	ND	-
Bromoform	75-25-2	-	ND	-	ND	-	ND	-	ND	-	ND	-
Styrene	100-42-5	-	ND	-	ND	-	ND	-	ND	-	ND	-
1,1,2,2-Tetrachloroethane	79-34-5	-	ND	-	ND	-	ND	-	ND	-	ND	-
o-Xylene	95-47-6	-	ND	-	ND	-	ND	-	ND	-	ND	-
4-Ethyltoluene	622-96-8	-	ND	-	ND	-	ND	-	ND	-	ND	-
1,3,5-Trimethylbenzene	108-67-8	-	ND	-	ND	-	ND	-	ND	-	ND	-
1,2,4-Trimethylbenzene	95-63-6	-	ND	-	ND	-	ND	-	ND	-	ND	-
Benzyl chloride	100-44-7	-	ND	-	ND	-	ND	-	ND	-	ND	-
1,3-Dichlorobenzene	541-73-1	-	ND	-	ND	-	ND	-	ND	-	ND	-
1,4-Dichlorobenzene	106-46-7	-	ND	-	ND	-	ND	-	ND	-	ND	-
1,2-Dichlorobenzene	95-50-1	-	ND	-	ND	-	ND	-	ND	-	ND	-
1,2,4-Trichlorobenzene	120-82-1	-	ND	-	ND	-	ND	-	ND	-	ND	-
Hexachlorobutadiene	87-68-3	-	ND	-	ND	-	ND	-	ND	-	ND	-

NOTES:
NYSDOH AGV = New York State Department of Health Air Guidelines Values
ug/m3 = micrograms per meter cubed
RL = Reporting Limit
ND = Not Detect
Exceeds Standard
RL Exceeds Standard

APPENDIX A

PROPOSED DEVELOPMENT PLANS



SHEET #	ARCHITECTURAL	DOB
T-000.00	COVER	X
Z-100.00	ZONING ANALYSIS	X
Z-101.00	ZONING ANALYSIS	X
Z-102.00	ZONING ANALYSIS	X
Z-103.00	ZONING ANALYSIS	X
G-100.00	GENERAL NOTES	X
G-101.00	BUILDING CODE ANALYSIS	X
G-102.00	ADA NOTES	X
G-200.00	SURVEY	X
G-300.00	AREA DEDUCTIONS SOUTH TOWER	X
G-301.00	AREA DEDUCTIONS SOUTH TOWER	X
G-302.00	AREA DEDUCTIONS SOUTH TOWER	X
G-310.00	AREA DEDUCTIONS NORTH TOWER	X
EN-100.00	ENERGY ANALYSIS	X
A-010.00	SITE PLAN	X
A-030.00	ELEVATOR PIT & CELLAR SLAB PLAN	X
A-100.00N	CELLAR PLAN NORTH	X
A-100.00S	CELLAR PLAN SOUTH	X
A-101.00	FIRST FLOOR PLAN SOUTH TOWER	X
A-103.00	2ND FLOOR PLAN SOUTH TOWER	X
A-104.00	3RD - 6TH FLOOR PLAN SOUTH TOWER	X
A-105.00	7TH-8TH FLOOR TYPICAL SOUTH TOWER	X
A-106.00	9TH - 10TH FLOOR PLAN SOUTH TOWER	X
A-107.00	11TH - 12TH FLOOR PLAN SOUTH TOWER	X
A-108.00	ROOF PLAN SOUTH TOWER	X
A-109.00	BULKHEAD PLAN SOUTH TOWER	X
A-110.00	1ST-3RD FLOOR NORTH PLANS	X
A-111.00	4TH - (PH) FLOOR NORTH PLANS	X
A-112.00	ROOF PLAN NORTH	X
A-200.00-N	CELLAR NORTH RCP	X
A-200.00-S	CELLAR SOUTH RCP	X
A-202.00	1ST FLOOR SOUTH RCP	X
A-203.00	2ND FLOOR SOUTH RCP	X
A-204.00	3RD - 6TH FLOOR SOUTH RCP	X
A-205.00	7TH - 8TH FLOOR SOUTH RCP	X
A-206.00	9TH - 10TH FLOOR SOUTH RCP	X
A-207.00	11TH - 12TH FLOOR SOUTH RCP	X
A-210.00	1ST- 3RD RCP NORTH	X
A-211.00	4TH - PH RCP NORTH	X
A-300.00	SOUTH & NORTH ELEVATION SOUTH TOWER	X
A-301.00	EAST & WEST ELEVATION SOUTH TOWER	X
A-302.00	BULKHEAD ELEVATIONS SOUTH TOWER	X
A-310.00	LONGITUDINAL BUILDING SECTION SOUTH TOWER	X
A-311.00	TRANSVERSE BUILDING SECTION SOUTH TOWER	X
A-350.00	NORTH & SOUTH ELEVATIONS NORTH TOWER	X
A-351.00	EAST ELEVATION NORTH TOWER	X
A-352.00	WEST ELEVATION NORTH TOWER	X
A-360.00	BUILDING SECTIONS NORTH TOWER	X
A-400.00	WALL SECTIONS SOUTH TOWER	X
A-410.00	WALL SECTION NORTH TOWER	X
A-600.00	STAIR PLANS & SECTIONS SOUTH TOWER	X
A-601.00	STAIR DETAILS SOUTH TOWER	X
A-610.00	STAIR PLANS, SECTIONS & DETAILS NORTH TOWER	X
A-800.00	INTERIOR PARTITION TYPES SOUTH TOWER	X
A-801.00	EXTERIOR PARTITION TYPES SOUTH TOWER	X
A-802.00	DOOR SCHEDULE,DOOR HEAD & JAMB DETAILS SOUTH TOWER	X
A-803.00	TYP. DOOR DETAILS SOUTH TOWER	X
A-804.00	WINDOW SCHEDULE & DETAILS SOUTH TOWER	X
A-806.00	WINDOW SCHEDULE & DETAILS NORTH TOWER	X
A-810.00	INTERIOR PARTITION TYPES NORTH TOWER	X
A-811.00	INTERIOR PARTITION TYPES NORTH TOWER	X
A-812.00	DOOR SCHEDULE, DOOR HEADER & JAMB, DOOR SADDLE DETAILS NORTH TOWER	X

SHEET #	FIRE PROTECTION	DOB	SHEET ISSUE DATE
FP-001.00	FIRE PROTECTION NOTES, SYMBOLS, SPECIFICATIONS, DESIGN CRITERIA, & PLOT PLAN	x	10/15/2014
FP-002.00	FIRE PROTECTION DETAILS	x	10/15/2014
FP-003.00	FIRE PROTECTION RISER DIAGRAM	x	10/15/2014
FP-101.00	FIRE PROTECTION CELLAR PLAN (SOUTH)	x	10/15/2014
FP-102.00	FIRE PROTECTION CELLAR PLAN (NORTH)	x	10/15/2014
FP-103.00	FIRE PROTECTION 1ST FLOOR (SOUTH)	x	10/15/2014
FP-104.00	FIRE PROTECTION 2ND FLOOR (SOUTH)	x	10/15/2014
FP-105.00	FIRE PROTECTION 3RD FLOOR (SOUTH)	x	10/15/2014
FP-106.00	FIRE PROTECTION 4TH-8TH FLOOR PLAN (SOUTH)	x	10/15/2014
FP-107.00	FIRE PROTECTION 9TH-10TH FLOOR (SOUTH)	x	10/15/2014
FP-108.00	FIRE PROTECTION 11TH-12TH FLOOR (SOUTH)	x	10/15/2014
FP-109.00	FIRE PROTECTION ROOF PLAN (SOUTH)	x	10/15/2014
FP-110.00	FIRE PROTECTION 1ST-5TH FLOOR PLAN (NORTH)	x	10/15/2014
FP-111.00	FIRE PROTECTION 6TH FLOOR, PENTHOUSE AND ROOF (NORTH)	x	10/15/2014

SHEET #	FIRE ALARM	DOB	SHEET ISSUE DATE
FA-001.00	SMOKE DETECTION / SPRINKLER ALARMS, SYMBOLS, NOTES AND MATRIX	x	10/15/2014
FA-002.00	SMOKE DETECTION / SPRINKLER ALARM DETAILS AND RISER	x	10/15/2014
FA-101.00	SMOKE DETECTION / SPRINKLER ALARM CELLAR PLAN (SOUTH)	x	10/15/2014
FA-102.00	SMOKE DETECTION / SPRINKLER ALARM CELLAR PLAN (NORTH)	x	10/15/2014
FA-103.00	SMOKE DETECTION / SPRINKLER ALARM 1ST FLOOR PLAN (SOUTH)	x	10/15/2014
FA-104.00	SMOKE DETECTION / SPRINKLER ALARM 2ND FLOOR PLAN (SOUTH)	x	10/15/2014
FA-105.00	SMOKE DETECTION / SPRINKLER ALARM 3RD - 6TH FLOOR PLAN (SOUTH)	x	10/15/2014
FA-106.00	SMOKE DETECTION / SPRINKLER ALARM 7TH- 8TH FLOOR PLAN (SOUTH)	x	10/15/2014
FA-107.00	SMOKE DETECTION / SPRINKLER ALARM 9TH- 10TH FLOOR PLAN (SOUTH)	x	10/15/2014
FA-108.00	SMOKE DETECTION / SPRINKLER ALARM 11TH- 12TH FLOOR PLAN (SOUTH)	x	10/15/2014
FA-109.00	SMOKE DETECTION / SPRINKLER ALARM ROOF PLAN (SOUTH)	x	10/15/2014
FA-110.00	SMOKE DETECTION / SPRINKLER ALARM 1ST -5TH FLOOR PLAN (NORTH)	x	10/15/2014
FA-111.00	SMOKE DETECTION / SPRINKLER ALARM 6TH FLOOR - PENTHOUSE AND ROOF (NORTH)	x	10/15/2014
FA-112.00	SMOKE DETECTION / SPRINKLER ALARM SPECIFICATIONS	x	10/15/2014

SHEET #	STRUCTURAL	DOB	SHEET ISSUE DATE
FO-001.00	FOUNDATION GENERAL NOTES	x	10/15/2014
FO-101.00	FOUNDATION PLAN SOUTH TOWER	x	10/15/2014
FO-102.00	FOUNDATION PLAN NORTH TOWER	x	10/15/2014
FO-201.00	FOUNDATION SECTIONS - SOUTH TOWER	x	10/15/2014
FO-202.00	FOUNDATION SECTIONS - NORTH TOWER	x	10/15/2014
FO-203.00	FOUNDATION SECTIONS - NORTH TOWER	x	10/15/2014
S-001.00	STRUCTURAL - GENERAL NOTES	x	10/15/2014
S-002.00	CONCRETE - TYPICAL DETAILS	x	10/15/2014
S-003.00	CONCRETE - TYPICAL DETAILS	x	10/15/2014
S-004.00	CONCRETE - TYPICAL DETAILS	x	10/15/2014
S-005.00	CONCRETE - TYPICAL DETAILS	x	10/15/2014
S-006.00	STUD RAIL - TYPICAL DETAILS	x	10/15/2014
S-007.00	REINFORCEMENT-LAP AND DEVELOPMENT LENGTH SCHEDULES	x	10/15/2014
S-008.00	MASONRY - TYPICAL DETAILS	x	10/15/2014
S-009.00	STEEL - TYPICAL DETAILS	x	10/15/2014
S-010.00	METAL DECK - TYPICAL	x	10/15/2014
S-101.00	1ST FLOOR - BOT.REINFORCEMENT - SOUTH TOWER	x	10/15/2014
S-102.00	1ST FLOOR - TOP REINFORCEMENT - SOUTH TOWER	x	10/15/2014
S-103.00	2ND FLOOR - BOT. REINFORCEMENT - SOUTH TOWER	x	10/15/2014
S-104.00	2ND FLOOR - TOP REINFORCEMENT - SOUTH TOWER	x	10/15/2014
S-105.00	3RD - 6TH FLOOR-BOT. REINFORCEMENT - SOUTH TOWER	x	10/15/2014
S-106.00	3RD - 6TH FLOOR-TOP REINFORCEMENT - SOUTH TOWER	x	10/15/2014
S-107.00	7TH-8TH FLOOR-BOT. REINFORCEMENT - SOUTH TOWER	x	10/15/2014
S-108.00	7TH-8TH FLOOR-TOP REINFORCEMENT - SOUTH TOWER	x	10/15/2014
S-109.00	9TH-10TH- FLOOR BOT. REINFORCEMENT - SOUTH TOWER	x	10/15/2014
S-110.00	9TH-10TH- FLOOR TOP REINFORCEMENT - SOUTH TOWER	x	10/15/2014
S-111.00	11TH-12TH FLOOR-BOT. REINFORCEMENT - SOUTH TOWER	x	10/15/2014
S-112.00	11TH-12TH FLOOR-TOP. REINFORCEMENT - SOUTH TOWER	x	10/15/2014
S-113.00	ROOF PLAN-BOT REINFORCEMENT - SOUTH TOWER	x	10/15/2014
S-114.00	ROOF PLAN-TOP REINFORCEMENT - SOUTH TOWER	x	10/15/2014
S-115.00	BULKHEAD PLAN - SOUTH TOWER	x	10/15/2014
S-116.00	1ST FLOOR PLAN - NORTH TOWER	x	10/15/2014
S-117.00	2ND - 5TH FLOOR PLAN - NORTH TOWER	x	10/15/2014
S-118.00	6TH - PENTHOUSE FLOOR PLAN - NORTH TOWER	x	10/15/2014
S-119.00	ROOF PLAN - NORTH TOWER	x	10/15/2014
S-301.00	SCHEDULES AND ELEVATIONS - SOUTH TOWER	x	10/15/2014
S-302.00	SCHEDULES AND ELEVATIONS - NORTH TOWER	x	10/15/2014

SHEET #	PLUMBING	DOB	SHEET ISSUE DATE
P-001.00	PLUMBING NOTES, SYMBOLS, SPECIFICATIONS, DESIGN CRITERIA, AND PLOT PLAN	x	10/15/2014
P-002.00	PLUMBING SPECIFICATIONS	x	10/15/2014
P-003.00	PLUMBING DETAILS	x	10/15/2014
P-004.00	PLUMBING SANITARY RISER DIAGRAM-1	x	10/15/2014
P-005.00	PLUMBING SANITARY RISER DIAGRAM-2	x	10/15/2014
P-006.00	PLUMBING SANITARY RISER DIAGRAM-3	x	10/15/2014
P-007.00	PLUMBING WATER RISER DIAGRAM-1	x	10/15/2014
P-008.00	PLUMBING WATER RISER DIAGRAM-2	x	10/15/2014
P-009.00	PLUMBING WATER RISER DIAGRAM-3	x	10/15/2014
P-010.00	PLUMBING STORM/GAS RISER DIAGRAM	x	10/15/2014
P-101.00	PLUMBING CELLAR PLAN (SOUTH)	x	10/15/2014
P-102.00	PLUMBING CELLAR PLAN (NORTH)	x	10/15/2014
P-103.00	PLUMBING 1ST FLOOR (SOUTH)	x	10/15/2014
P-104.00	PLUMBING 2ND FLOOR (SOUTH)	x	10/15/2014
P-105.00	PLUMBING 3RD FLOOR (SOUTH)	x	10/15/2014
P-106.00	PLUMBING 4TH-8TH FLOOR PLAN (SOUTH)	x	10/15/2014
P-107.00	PLUMBING 9TH-10TH FLOOR (SOUTH)	x	10/15/2014
P-108.00	PLUMBING 11TH-12TH FLOOR (SOUTH)	x	10/15/2014
P-109.00	PLUMBING ROOF PLAN (SOUTH)	x	10/15/2014

SHEET #	MECHANICAL	DOB	SHEET ISSUE DATE
M-001.00	HVAC NOTES, SYMBOL LIST AND PLOT PLAN	x	10/15/2014
M-002.00	HVAC SPECIFICATIONS	x	10/15/2014
M-003.00	HVAC SCHEDULES AND COMCHECK	x	10/15/2014
M-004.00	HVAC DETAIL	x	10/15/2014
M-005.00	HVAC VENTILATING RISER DIAGRAM 1	x	10/15/2014
M-006.00	HVAC VENTILATING RISER DIAGRAM 2	x	10/15/2014
M-101.00	HVAC CELLAR PLAN (SOUTH)	x	10/15/2014
M-102.00	HVAC CELLAR PLAN (NORTH)	x	10/15/2014
M-103.00	HVAC 1ST FLOOR PLAN (SOUTH)	x	10/15/2014
M-104.00	HVAC 2ND FLOOR PLAN (SOUTH)	x	10/15/2014
M-105.00	HVAC 3RD FLOOR PLAN (SOUTH)	x	10/15/2014
M-106.00	HVAC 4TH - 7TH FLOOR PLAN (SOUTH)	x	10/15/2014
M-107.00	HVAC 8TH FLOOR PLAN (SOUTH)	x	10/15/2014
M-108.00	HVAC 9TH FLOOR PLAN (SOUTH)	x	10/15/2014
M-109.00	HVAC 10TH FLOOR PLAN (SOUTH)	x	10/15/2014
M-110.00	HVAC 11TH FLOOR PLAN (SOUTH)	x	10/15/2014
M-111.00	HVAC 12TH FLOOR PLAN (SOUTH)	x	10/15/2014
M-112.00	HVAC ROOF PLAN (SOUTH)	x	10/15/2014
M-113.00	HVAC 1ST, 2ND & 3RD - 5TH FLOOR PLAN (NORTH)	x	10/15/2014
M-114.00	HVAC 6TH, 7TH(PH), & ROOF PLAN (NORTH)	x	10/15/2014

D.O.B. NOTES:

- THIS BUILDING CONTAINS A FIRE ALARM SYSTEM FILED UNDER A SEPARATE APPLICATION # - - - - - - - - - -.
- ELEVATOR TO BE FILED UNDER A SEPARATE APPLICATION.
- THIS BUILDING IS NOT WITHIN 90' OF A HISTORIC / LANDMARK BUILDING OR DISTRICT

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER: GREYSTONE 152 West 57th Street 60th Floor New York NY 10019

STRUCTURAL ENGINEER: SHARON ENGINEERING 3427 Steinway Street Long Island City, NY 11101

MEP ENGINEER: SHARON ENGINEERING 3427 Steinway Street Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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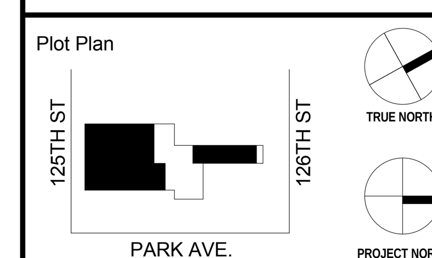
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title
COVER

Sign & Seal
REGISTERED ARCHITECT
DANIEL KENNETH BERNSTEIN
16854
STATE OF NEW YORK

Drawing No.
T-000.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale As indicated	Checked by KBA	DOB sheet 1 OF 62

DOB NUMBER

ZONING INFORMATION

Applicable Resolution	Zoning Resolution of The City of New York City Planning Commission Department of City Planning numbers below refer to this document		
Address	69 East 125th Street New York, NY 10035		Narrow Street
Block	1750	Lot	28, 29, 30 & 44
Zoning Map	6a	Zoning District	C4-4D (Res eqvlt R8A as per ZR34-112)
Proposed Building Use (Sec. 22-12)	Use Group 2A Residences- Apartments		
Lot Area (LA)	Lot 28, Lot 29, Lot 30, Lot 44 **Total LA= 10,788 SF**		

FLOOR AREA

RESIDENTIAL

97-411 IN C4-4D, C4-7 OR C6-3 DISTRICTS, THE MAXIMUM PERMITTED FLOOR AREA RATIOS SHALL BE AS LISTED IN THE FOLLOWING TABLE FOR RESIDENTIAL, COMMERCIAL AND COMMUNITY FACILITY USES, AND MAY ONLY BE INCREASED PURSUANT TO SECTION 97-42 (FLOOR AREA BONUSES).

R8A FAR 5.4

23-145 R6A FAR 3.0

97-42 **FLOOR AREA BONUSES**
THE MAXIMUM FLOOR AREA RATIO MAY BE INCREASED BY A FLOOR AREA BONUS, PURSUANT TO SECTIONS 23-90 (INCLUSIONARY HOUSING), INCLUSIVE, OR 97-422 (FLOOR AREA BONUS FOR VISUAL OR PERFORMING ARTS USES), WHICH MAY BE USED CONCURRENTLY.

23-952 **INCLUSIONARY HOUSING**
R8A WITH IH BONUS 7.2

77-22 **FLOOR AREA RATIO**
THE MAXIMUM FLOOR AREA RATIO PERMITTED ON EACH PORTION OF THE ZONING LOT SHALL BE DETERMINED UNDER THE REGULATIONS OF ARTICLES II, III AND IV. EACH FLOOR AREA RATIO SHALL BE MULTIPLIED BY THE PERCENTAGE OF THE ZONING LOT TO WHICH SUCH FLOOR AREA RATIO APPLIES. THE SUM OF THE PRODUCTS THUS OBTAINED SHALL BE THE ADJUSTED MAXIMUM FLOOR AREA RATIO APPLICABLE TO SUCH ZONING LOT.

THE FLOOR AREA RESULTING FROM APPLICATION OF THE ADJUSTED MAXIMUM FLOOR AREA RATIO MAY BE LOCATED ANYWHERE ON THE ZONING LOT, SUBJECT TO ALL OTHER REGULATIONS OF THIS RESOLUTION, AND PROVIDED THAT THE FLOOR AREA RATIO FOR ANY PORTION OF THE ZONING LOT WITHIN ONE DISTRICT SHALL NOT EXCEED THE MAXIMUM FLOOR AREA RATIO, BY HEIGHT FACTOR, IF APPLICABLE, SPECIFIED FOR THAT DISTRICT, OR THE ADJUSTED MAXIMUM FLOOR AREA RATIO FOR THE ZONING LOT, WHICHEVER IS GREATER

	PERCENTAGE	FAR	ADJUSTED FAR
R8A PERCENTAGE	69%	7.2	5.0
R6A PERCENTAGE	31%	3.0	0.9
ADJUSTED TOTAL			5.92

	LOT AREA	FAR	FLOOR AREA	
MAX ALLOWABLE FLOOR AREA	10,788	5.92	63,839 SF	
TOTAL ALLOWABLE FLOOR AREA R8A	7,494	5.92	53,957 SF	
TOTAL ALLOWABLE FLOOR AREA R6A	3,294	5.92	19,492 SF	
PROPOSED FA R8A			55,869 SF	**SEE 77-22 (a)**
PROPOSED FA R6A			7,288 SF	**COMPLIES**
TOTAL PROPOSED FA			63,157 SF	**COMPLIES**
PROPOSED FAR		**5.85**	<5.92	**COMPLIES**

77-22 (a) IN R3-2 DISTRICTS, R4 DISTRICTS, EXCEPT R4A, R4-1 AND R4B DISTRICTS, R5 DISTRICTS, AND EQUIVALENT #COMMERCIAL DISTRICTS#, AND FOR #QUALITY HOUSING BUILDINGS# IN R6, R7 AND R8 DISTRICTS AND EQUIVALENT #COMMERCIAL DISTRICTS# OUTSIDE THE #MANHATTAN CORE#, THE #RESIDENTIAL FLOOR AREA RATIO# OF THAT PORTION OF THE #ZONING LOT# FRONTING ON AND WITHIN 100 FEET OF A #WIDE STREET# AND PERMITTING THE GREATER MAXIMUM PERMITTED #RESIDENTIAL FLOOR AREA RATIO# MAY EXCEED THE MAXIMUM PERMITTED #RESIDENTIAL FLOOR AREA RATIO# FOR THE PORTION OF THE #ZONING LOT# BY UP TO 20 PERCENT, PROVIDED THAT THE MAXIMUM #RESIDENTIAL FLOOR AREA RATIO# FOR THE #ZONING LOT# DOES NOT EXCEED THE ADJUSTED MAXIMUM #RESIDENTIAL FLOOR AREA RATIO# APPLICABLE TO SUCH #ZONING LOT#.

	FAR		FLOOR AREA	
MAXIMUM FAR R8A	7.2		53,957 SF	
ALLOWABLE INCREASE IN FAR		20%	10,791 SF	
ADJUSTED ALLOWABLE MAXIMUM FAR IN R8A	8.64		64,748 SF	
PROPOSED R8A FLOOR AREA			55,869 SF	**COMPLIES**
PROPOSED R8A FAR	7.46 <8.64			**COMPLIES**

COMMERCIAL

97-411 C4-D4

	FAR	4.0	
ALLOWABLE COMMERCIAL FLOOR AREA		29,976 SF	
PROPOSED		5,643 SF	**COMPLIES**

LOT COVERAGE

77-24 EACH MAXIMUM PERCENT OF LOT COVERAGE SHALL BE MULTIPLIED BY THE LOT AREA PORTION OF THE ZONING LOT TO WHICH SUCH PERCENTAGE OF LOT COVERAGE APPLIES. THE SUM OF THE AREAS OF LOT COVERAGE THUS OBTAINED SHALL BE THE MAXIMUM AREA OF LOT COVERAGE FOR THE ZONING LOT. THE MAXIMUM AREA OF LOT COVERAGE, DIVIDED BY THE LOT AREA OF THE ZONING LOT SHALL BE THE ADJUSTED MAXIMUM PERCENT OF LOT COVERAGE FOR THE ZONING LOT.

A BUILDING WHOSE LOT COVERAGE DOES NOT EXCEED THE ADJUSTED MAXIMUM PERCENTAGE OF LOT COVERAGE MAY BE LOCATED ANYWHERE ON SUCH ZONING LOT OR PORTION OF ZONING LOT PROVIDED THAT THE PERCENTAGE OF LOT COVERAGE FOR ANY PORTION OF THE ZONING LOT WITHIN ONE DISTRICT SHALL NOT EXCEED THE MAXIMUM PERCENTAGE OF LOT COVERAGE SPECIFIED FOR THAT DISTRICT, OR THE ADJUSTED MAXIMUM PERCENTAGE OF LOT COVERAGE FOR THE ZONING LOT.

117-21
123-63 MAXIMUM FAR AND LOT COVERAGE
COMPLY WITH 23-145

23-145		LOT COVERAGE	LA	ALLOWABLE	
	INTERIOR LOT				
	R8A PERCENTAGE	70%	7,494	5,246 SF	
	PROPOSED			5,216 SF	**COMPLIES SEE DIAGRAM Z102/3**
	R6A PERCENTAGE	65%	3,294	2,141 SF	
	PROPOSED			1,356 SF	**COMPLIES SEE DIAGRAM Z102/3**

DENSITY

77-25 WHENEVER A ZONING LOT IS DIVIDED BY A BOUNDARY BETWEEN DISTRICTS WITH DIFFERENT DENSITY REQUIREMENTS, THE MAXIMUM NUMBER OF DWELLING UNITS PERMITTED ON THE ZONING LOT SHALL EQUAL THE SUM OF THE MAXIMUM DWELLING UNITS PERMITTED FOR EACH PORTION OF THE ZONING LOT IN ACCORDANCE WITH THE APPLICABLE DISTRICT REGULATIONS. SUCH DWELLING UNITS MAY BE LOCATED WHEREVER A BUILDING IS PERMITTED ON THE ZONING LOT.

MAXIMUM NUMBER OF DWELLING UNITS

23-22

	DENSITY FACTOR	RESIDENTIAL FA	DWELLING UNITS	
R8A	740	55,869	75	
R6A	680	19,492	29	
TOTAL			104	
R8A			67	
R6A			8	
PROPOSED			75	**COMPLIES** COMPLIES

YARDS

FRONT & SIDE YARD

23-45 R8A NOT REQUIRED- IF OPEN AREA IS PROVIDED THE MINIMUM WIDTH OF 8'-0"
R6A NOT REQUIRED- IF OPEN AREA IS PROVIDED THE MINIMUM WIDTH OF 8'-0"

REAR YARD EQUIVALENTS

23-532 R8A & R6A
ON ANY THROUGH LOT THAT IS 180 FEET OR MORE IN MAXIMUM DEPTH FROM STREET TO STREET, THE FOLLOWING REAR YARD EQUIVALENT MUST BE PROVIDED:

A. AN OPEN AREA WITH A MINIMUM DEPTH OF 60 FEET MIDWAY (OR WITHIN FIVE FEET OF BEING MIDWAY) BETWEEN THE TWO STREET LINES — **COMPLIES SEE DIAGRAM Z-102/2**

ANY SUCH REAR YARD EQUIVALENT SHALL BE UNOBSTRUCTED FROM ITS LOWEST LEVEL TO THE SKY EXCEPT AS PROVIDED IN SECTION 23-44 (PERMITTED OBSTRUCTIONS)

PERMITTED OBSTRUCTIONS IN REQUIRED REAR YARD EQUIVALENTS

23-44 (a) (5) (ii)
IF ACCESSORY TO ANY OTHER KIND OF BUILDING CONTAINING RESIDENCES, THE HEIGHT OF A BUILDING OR PORTION THEREOF, CONTAINING SUCH PARKING SPACES WITHIN THE REAR YARD, SHALL NOT EXCEED FOURTEEN FEET ABOVE CURB LEVEL OR BASE PLANE, AS APPLICABLE, IN R6, R7, R8, R9 OR R10 DISTRICTS.
PROPOSED 8'-0" <14' **COMPLIES**

HEIGHT & SETBACK

SPECIAL HEIGHT AND SETBACK REGULATIONS

97-44 WITHIN THE SPECIAL 125TH STREET DISTRICT, THE UNDERLYING HEIGHT AND SETBACK REGULATIONS SHALL BE MODIFIED IN ACCORDANCE WITH THE PROVISIONS OF THIS SECTION, INCLUSIVE.

THE PROVISIONS OF PARAGRAPH (B) OF SECTION 23-663 (REQUIRED REAR SETBACKS FOR TALL BUILDINGS IN OTHER DISTRICTS) SHALL NOT BE APPLICABLE WITHIN THE SPECIAL DISTRICT.

23-633 SHALL NOT EXCEED THE MAXIMUM HEIGHT SPECIFIED IN TABLE B

ZONE	MIN BASE HT	MAX BASE HT	MAX BUILDING HT	
R8A	60	85	120	
PROPOSED		85	120	**COMPLIES SEE Z-102/4**
R6A	40	60	70	
PROPOSED		58	68	**COMPLIES SEE Z-102/4**

23-633(a)(2) STREET WALL FOR BUILDINGS UNDER 50 FT TO BE LOCATED NO CLOSER TO NOR NO FURTHER FROM THE STREET LINE AND STREET WALL OF ADJACENT EXISTING BUILDING
EXISTING STREET WALL 7'-0" FROM STREET LINE — **COMPLIES SEE Z-102/4**

23-633(b) SETBACK REGULATIONS
WIDE STREET 10'-0" **COMPLIES**
NARROW ST 15'-0" **COMPLIES SEE Z-102/4**

PERMITTED OBSTRUCTIONS

97-441 THE PROVISIONS OF SECTION 33-42 (PERMITTED OBSTRUCTIONS) SHALL APPLY, EXCEPT THAT DORMERS MAY PENETRATE A MAXIMUM BASE HEIGHT IN ACCORDANCE WITH SECTION 23-621c1 (PERMITTED OBSTRUCTIONS IN CERTAIN DISTRICTS).

DORMERS

23-631 c (1)
DORMERS SHALL BE ALLOWED AS A PERMITTED OBSTRUCTION, PROVIDED THAT ON ANY STREET FRONTAGE, THE AGGREGATE WIDTH OF ALL DORMERS AT THE MAXIMUM BASE HEIGHT DOES NOT EXCEED 60 PERCENT OF THE WIDTH OF THE STREET WALL OF THE HIGHEST STORY ENTIRELY BELOW THE MAXIMUM BASE HEIGHT. FOR EACH FOOT ABOVE THE MAXIMUM BASE HEIGHT, THE AGGREGATE WIDTH OF ALL DORMERS SHALL BE DECREASED BY ONE PERCENT OF THE STREET WALL WIDTH OF THE HIGHEST STORY ENTIRELY BELOW THE MAXIMUM BASE HEIGHT. — **COMPLIES SEE Z-102/7**

INNER COURT RECESSES

23-852 WIDTH OF INNER COURT RECESS SHALL BE TWICE THE DEPTH OF THE RECESS
WIDTH 6 FT
DEPTH 3FT **COMPLIES**

PERMITTED OBSTRUCTIONS

33-42 ELEVATOR OR STAIR BULKHEADS (INCLUDING SHAFTS; AND VESTIBULES NOT LARGER THAN 60 SQUARE FEET IN AREA PROVIDING ACCESS TO A ROOF), ROOF WATER TANKS AND #ACCESSORY# MECHANICAL EQUIPMENT (INCLUDING ENCLOSURES), OTHER THAN SOLAR OR WIND ENERGY SYSTEMS, PROVIDED THAT SUCH ELEVATOR OR STAIR BULKHEADS (INCLUDING SHAFTS; AND VESTIBULES), PROVIDED WITH THE AGGREFATE WIDTH OF STREET WALLS OF SUCH BULKHEADS WITHIN 10 FEET OF A STREET WALL, FACING EACH STREET FRONTAGE, TIMES THEIR AVERAGE HEIGHT, IN FEET, DOES NOT EXCEED AN AREA EQUAL TO FOUR TIMES THE WIDTH, IN FEET, OF THE STREET WALL OF THE BUILDING FACING SUCH FRONTAGE.

BALCONIES

33-43 (b) BALCONIES, UNENCLOSED, SUBJECT TO THE PROVISIONS OF SECTION 24-166;

STREET WALL LOCATION

97-443 IN ALL COMMERCIAL DISTRICTS, THE STREET WALL SHALL BE LOCATED ON THE STREET LINE OF 125TH STREET AND EXTEND ALONG THE ENTIRE STREET FRONTAGE OF THE ZONING LOT UP TO AT LEAST THE MINIMUM BASE HEIGHT OF THE UNDERLYING DISTRICT, OR THE HEIGHT OF THE BUILDING WHICHEVER IS LESS. **COMPLIES**

RECESSES, NOT TO EXCEED THREE FEET IN DEPTH FROM THE STREET LINE, SHALL BE PERMITTED ON THE GROUND FLOOR WHERE REQUIRED TO PROVIDE ACCESS TO THE BUILDING. ABOVE A HEIGHT OF THE SECOND STORY AND UP TO THE MAXIMUM BASE HEIGHT, RECESSES ARE PERMITTED FOR OUTER COURTS OR BALCONIES, PROVIDED THAT THE AGGREGATE WIDTH OF SUCH RECESSES DOES NOT EXCEED 30 PERCENT OF THE WIDTH OF THE STREET WALL AT ANY LEVEL, AND THE DEPTH OF SUCH RECESSES DOES NOT EXCEED FIVE FEET. NO RECESSES SHALL BE PERMITTED WITHIN 20 FEET OF AN ADJACENT BUILDING. **COMPLIES**

PARKING

SPECIAL OFF-STREET PARKING AND OFF-STREET LOADING REGULATIONS

	C4-4D/R8A (SOUTH)								R6A (NORTH)					
FLOOR	GROSS FLOOR AREA	RESIDENTIAL FLOOR AREA	COMM FLOOR AREA	QH DEDUCTIONS COR/ LOB/REC	QH DEDUCTIONS REFUSE RM	ENERGY DEDUCTIONS	MECH DEDUCT	ZONING FLOOR AREA	GROSS FLOOR AREA	PARKING	COR/LOB/REC	MECH DEDUCT	ZONING FLOOR AREA	TOTAL ZONING FA C4-4D & R6A
CELLAR	8,734							N/A	1,231				N/A	N/A
1	7,394	1,751	5,643	502		52	31	6,810 SF	1,702	999	195	51	457 SF	7,266 SF
2	5,216	5,381		1,165	12	65	112	3,862 SF	1,334		24	40	1,270 SF	5,132 SF
3	5,101	5,101		177	12	68	126	4,718 SF	1,334		24	40	1,270 SF	5,988 SF
4	5,101	5,101		177	12	68	126	4,718 SF	1,334		24	40	1,270 SF	5,988 SF
5	5,101	5,101		177	12	68	126	4,718 SF	1,334		24	40	1,270 SF	5,988 SF
6	5,101	5,101		177	12	68	126	4,718 SF	1,334		24	40	1,270 SF	5,988 SF
7	5,101	5,101		171	12	68	120	4,730 SF	692			211	481 SF	5,211 SF
8	5,101	5,101		171	12	68	120	4,730 SF						4,730 SF
9	4,674	4,674		156	12	68	147	4,291 SF						4,291 SF
10	4,674	4,674		156	12	68	147	4,291 SF						4,291 SF
11	4,513	4,513		161	12	68	130	4,142 SF						4,142 SF
12	4,513	4,513		161	12	68	130	4,142 SF						4,142 SF
TOTAL	**70,324**	**56,112**	**5,643**	**3,351**	**132**	**797**	**1,442**	**55,869 SF**	**10,295**	**999**	**315**	**462**	**7,287.96**	**63,157 SF**

INCLUDING SUCH SPACES ACCESSORY TO RESIDENCES SHALL BE PERMITTED TO OCCUPY THE GROUND FLOOR PROVIDED THEY ARE LOCATED BEYOND 30 FEET OF THE STREET WALL OF THE BUILDING

REQUIRED ACCESSORY OFF-STREET RESIDENTIAL PARKING

97-51 ACCESSORY OFF-STREET RESIDENTIAL PARKING SHALL BE PROVIDED

REQUIRED ACCESSORY OFF-STREET COMMERCIAL PARKING

97-52 NO ACCESSORY PARKING SHALL BE REQUIRED FOR COMMERCIAL USES IN C4-4D

USES PERMITTED IN BOTH DISTRICTS

77-331 FOR ANY USE WHICH IS PERMITTED IN BOTH SUCH DISTRICTS, THE APPLICABLEREQUIREMENTS FOR ACCESSORY OFF-STREET PARKING AND LOADING OF THAT DISTRICT IN WHICH MORE THAN 50 PERCENT OF THE ZONING LOT IS LOCATED SHALL APPLY TO THE ENTIRE ZONING LOT. THE PARKING SPACES OR LOADING BERTHS MAY BE LOCATED ANYWHERE ON THE ZONING LOT WITHOUT REGARD TO DISTRICT BOUNDARIES, PROVIDED THAT SUCH SPACES OR BERTHS SHALL CONFORM TO ALL OTHER APPLICABLE REGULATIONS OF THIS RESOLUTION

	LOT %	
R6A	31%	
R8A	69%	**R8A APPLICABLE PARKING REGULATIONS**

25-241 FOR ZONING LOTS OF 15,000 SF OR LESS, THE NUMBER OF REQUIRED ACCESSORY OFF-STREET PARKING SPACES IS REDUCED
R8 20% OF DU
PROPOSED DU 75
REQUIRED SPACES 15
PROPOSED SPACES 15 **COMPLIES**

25-261 FOR DEVELOPMENTS IN R8 DISTRICTS, MAXIMUM NUMBER OF ACCESSORY OFF-STREET PARKING SPACES WHICH ARE WAIVED
R8 15 SPACES WAIVED
REQUIRED SPACES 15 PARKING WAIVED **PARKING WAIVED**

25-62 SIZE & LOCSTION OF SOACES
EACH 300 SF OF PARKING OR MANUVERING SPACE SHALL BE EQUALL TO 1 PARKING SPACE
6,900 300 23 SPACES COMPLIES

26-631 (a) CURB CUTS
12 FT MAX WITH SPLAYS
PROPOSED 11 FT COMPLIES

LOADING BERTHS

36-62 REQUIRED ACCESSORY OFF-STREET LOADING BERTHS
USE GROUP 6A,6C: FIRST 25,000 SF
PROPOSED COMMERCAIL FA 5,786 SF ,< 25,000 SF **NONE REQUIRED**

LOCATION OF ACCESS TO THE STREET

97-53 CURB CUTS FOR ENTRANCES AND EXITS TO ACCESSORY OFF-STREET PARKING OR FOR LOADING BERTHS SHALL NOT BE LOCATED ON 125TH STREET, OTHER THAN UNDER THE SPECIFIC CONDITIONS OF SECTIONS 97-55 AND 97-56. SUCH CERTIFICATION OR AUTHORIZATION SHALL NOT BE REQUIRED IF PARKING AND LOADING REQUIREMENTS CAN BE MET THROUGH THE PROVISIONS OF 97-54.

PARKING ACCESS THROUGH ZONING LOTS IN RESIDENCE DISTRICTS

97-54 FOR A ZONING LOT WITHIN A RESIDENCE DISTRICT, WHICH FRONTS UPON 124TH OR 126TH STREET AND THE REAR LOT LINE ABUTS A ZONING LOT THAT FRONTS ONLY ON 125TH STREET, AND SUCH ZONING LOT HAS BEEN VACANT SINCE APRIL 30, 2008, ACCESS FOR PARKING AND LOADING PURPOSES MAY BE PROVIDED THROUGH SUCH ZONING LOT.
PROPOSED ACCESS THROUGH 126TH ST **COMPLIES**

25-811 ENCLOSED BICYCLE PARKING SPACES
RESIDENTIAL UNITS
USE GROUP 2- 1 PER 2 DWELLING UNITS REQUIRED
PROVIDED 75 DU'S
50% OF DU'S
38 BIKES **COMPLIES**

25-83 6 SF OF AREA PER BIKE REQUIRED SF: 225.00
PROVIDED SF: 225 **COMPLIES**

STREET TREE PLANTING AND PLANTING STRIP REQUIREMENTS

33-03 STREET TREES TO BE PLANTED IN ACCORDANCE TO ZR 26-41

26-41 1 TREE PER EVERY 25 FT OF FRONTAGE

	FRONTAGE	REQUIRED	PROVIDED	PROVIDED OFF SITE	
125TH ST	75 FT	3	3		**COMPLIES**
126TH ST	20 FT	1		1	**COMPLIES**

LOCATION AND ACCESS REGULATIONS

97-20 FOR ANY ZONING LOT THAT FRONTS UPON 125TH STREET, THE USE REGULATIONS OF THE UNDERLYING DISTRICTS SHALL BE MODIFIED BY THE LOCATIONAL AND ACCESS REQUIREMENTS OF THIS SECTION. ON THROUGH LOTS WITH FRONTAGE ALONG 125TH STREET SUCH REQUIREMENTS SHALL APPLY WITHING THE FIRST 100 FEET OF THE 125TH STREET LINE

USES NOT PERMITTED ON THE GROUND FLOOR OF BUILDINGS

97-22 THE FOLLOWING USES ARE NOT PERMITTED WITHIN STORIES THAT HAVE A FLOOR LEVEL WITHIN FIVE FEET OF CURB LEVEL IN BUILDINGS DEVELOPED OR ENLARGED AFTER APRIL 30, 2008, WHERE SUCH BUILDING FRONTS UPON 125TH STREET. ENTRANCEWAYS AND LOBBY SPACE FOR ACCESS TO SUCH USES SHALL BE PERMITTED AT THE GROUND FLOOR LEVEL, PURSUANT TO THE PROVISIONS OF SECTION 97-221 (ACCESS TO NON-GROUND FLOOR USES).

USE GROUP 2: ALL USES

USE GROUP 6A, 6B, 6C, 6E:
BANKS (EXCEPT FOR AUTOMATED TELLER MACHINES, PROVIDED THE WIDTH OF STREET FRONTAGE ALLOCATED FOR AUTOMATED TELLER MACHINES SHALL BE NO MORE THAN 25 FEET OR 40 PERCENT OF THE FRONTAGE OF THE ZONING LOT, WHICHEVER IS LESS, MEASURED TO A DEPTH OF 30 FEET FROM 125TH STREET, EXCEPT THAT SUCH FRONTAGE NEED NOT BE LESS THAN 20 FEET), ELECTROLYSIS STUDIOS, FROZEN FOOD LOCKERS, LAUNDRY ESTABLISHMENTS, LOAN OFFICES, OFFICES OR VETERINARY MEDICINE OFFICES.

ACCESS TO NON-GROUND FLOOR USES

97-221 FOR NON-GROUND FLOOR USES LISTED IN 97-22 WITH ACCESS FROM 125TH STREET, THE FOLLOWING REQUIREMENTS APPLY:

(B) THE WIDTH OF THE GROUND FLOOR STREET FRONTAGE ON 125TH STREET ALLOCATED TO AN ENTRANCEWAY OR LOBBY SHALL BE NO MORE THAN 25 LINEAR FEET OR 40 PERCENT OF SUCH STREET FRONTAGE, EXCEPT THAT AN ENTRANCEWAY OR LOBBY SPACE NEED NOT BE LESS THAN 20 FEET.
PROPOSED 23'-9" <25'-0" **COMPLIES**

(C) FOR A DEVELOPMENT WITH MORE THAN ONE ENTRANCEWAY OR LOBBY ON 125TH STREET FOR NONGROUND FLOOR USES, EACH ENTRANCEWAY OR LOBBY FOR USES LISTED IN SECTION 97-22 SHALL BE NO MORE THAN 25 LINEAR FEET AND, IN THE AGGREGATE, SHALL NOT EXCEED 40 PERCENT OF GROUND FLOOR FRONTAGE.

TRANSPARENCY REQUIREMENTS

97-23 FOR ALL USES, OTHER THAN HOUSES OF WORSHIP, LIBRARIES AND PRIMARY REHEARSAL SPACES, LOCATED ON THE GROUND FLOOR OF DEVELOPMENTS THAT FRONT UPON THE PORTION OF 125TH STREET IN THE SPECIAL 125TH STREET DISTRICT, THE GROUND FLOOR STREET WALL SHALL BE GLAZED WITH MATERIALS WHICH MAY INCLUDE SHOW WINDOWS, GLAZED TRANSOMS OR GLAZED PORTIONS OF DOORS. SUCH GLAZED AREA SHALL OCCUPY AT LEAST 70 PERCENT OF THE AREA OF EACH GROUND FLOOR STREET WALL, MEASURED TO A HEIGHT OF 12 FEET ABOVE THE LEVEL OF THE ADJOINING SIDEWALK OR PUBLIC ACCESS AREA. NOT LESS THAN 50 PERCENT OF SUCH AREA SHALL BE GLAZED WITH TRANSPARENT MATERIALS AND UP TO 20 PERCENT OF SUCH AREA MAY BE GLAZED WITH TRANSLUCENT MATERIALS. **COMPLIES SEE Z-102/8**

QUALITY HOUSING

28-21 SIZE OF DWELLING UNITS
ALL UNITS ARE AT LEAST 400 SF
SMALLEST UNIT 438 UNIT 7A 438 SF > 400 SF **COMPLIES**

28-22 WINDOWS
ALL WINDOWS SHALL BE DOUBLE GLAZED **COMPLIES**

28-23 REFUSE STORAGE AND DISPOSAL
REFUSE ROOM AT EACH FLOOR MIN. 12SF
REFUSE ROOM PROPOSED AT EACH FLOOR 36SF **COMPLIES**
12 SF OF REFUSE ROOM SHALL BE EXCLUED
FROM THE DEFINITION OF FLOOR AREA

28-24 LAUNDRY FACILITIES
PROVIDED **COMPLIES**

		PROPOSED	
PROPOSED DU'S	75		
(1) WASHER PER 20 DWELLING UNITS	4	4	**COMPLIES**
(1) DRYERS PER 40 DWELLING UNITS	2	2	**COMPLIES**

28-25 DAYLIGHT IN CORRIDORS
50% OF THE SQUARE FOOTAGE OF A CORRIDOR MAY BE EXCLUDED FROM THE FLOOR AREA IF A WINDOW WITH A CLEAR, NON-TINTED, GLAZED AREA OF AT LEAST 20 SF IS PROVIDED IN SUCH CORRIDOR PROVIDED THAT SUCH WINDOW: **COMPLIES**

(a) SHALL BE DIRECTLY VISIBLE FROM 50% OF THE CORRIDOR OR FROM THE VERTICAL CIRCULATION CORE **COMPLIES**

(b) IS LOCATED AT LEAST 20' FROM A WALL OR SIDE OR REAR LOT LINE
PROVIDED: AT 125TH ST GROUND FLOOR LOBBY **COMPLIES**

28-31 REQUIRED RECREATION SPACE

R8	2.80%	1,406	SF
R6	3.30%	241	SF
TOTAL		1,647	SF
	PROVIDED:	120	SF: REAR YARD
		985	SF: GYM
		873	SF: ROOF
		1,978	SF **COMPLIES**

28-41 DENSITY PER CORRIDOR
50% OF THE SQUARE FEET OF THE CORRIDOR SERVING SUCH DWELLING UNITS ON SUCH STORY MAY BE EXCLUDED FROM THE FLOOR AREA IF0THE NUMBER OF DWELLING UNITS DOES NOT EXCEED:

	ALLOWED	PROVIDED	
R8	10 UNITS	7 UNITS	**COMPLIES**
R6	11 UNITS	2 UNITS	**COMPLIES**

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

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MEP ENGINEER: SHARON ENGINEERING 3427 Steinway Street Long Island City, NY 11101
INTERIOR DESIGN:
LANDSCAPE DESIGN:

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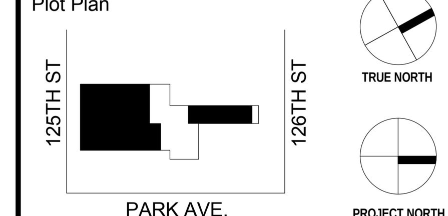
No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

ZONING ANALYSIS

Sign & Seal

Drawing No.

Z-100.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/16" = 1'-0"	Checked by KBA	DOB sheet 2 OF 62

DOB NUMBER

INCLUSIONARY HOUSING MATRICIES

UNIT MIX — **125TH STREET - SOUTH TOWER**

FLOOR	MARKET RATE STUDIO	MARKET RATE 1 BDRM	MARKET RATE 2 BDRM	INCLUSIONARY STUDIO	INCLUSIONARY 1 BDRM	INCLUSIONARY 2 BDRM	**TOTAL**
1							
2	1	3	0			1	5
3	4	1	0		1	1	7
4	4	1	0		1	1	7
5	4	1	0		1	1	7
6	4	2	0			1	7
7	2	2	0			2	6
8	2	2	1			1	6
9	1	3	1		1	0	6
10	1	4	1				6
11		3	2				5
12		3	2				5
TOTAL	23	25	7	0	4	8	67
% MIX	42%	45%	13%	0%	33%	67%	

UNIT MIX — **NORTH TOWER**

FLOOR	MARKET RATE STUDIO	MARKET RATE 1 BDRM	MARKET RATE 2 BDRM	MARKET RATE 3 BDRM	AFD STUDIO	**TOTAL**
1			DUPLEX			
2					1	2
3		1			1	2
4			THRU			1
5			THRU			1
6				DUPLEX	1	2
PH						0
TOTAL	0	1	3	1	3	8
% MIX	0%	25%	75%		100%	

125TH STREET — **SOUTH TOWER**

UNIT MARKET ROOMS

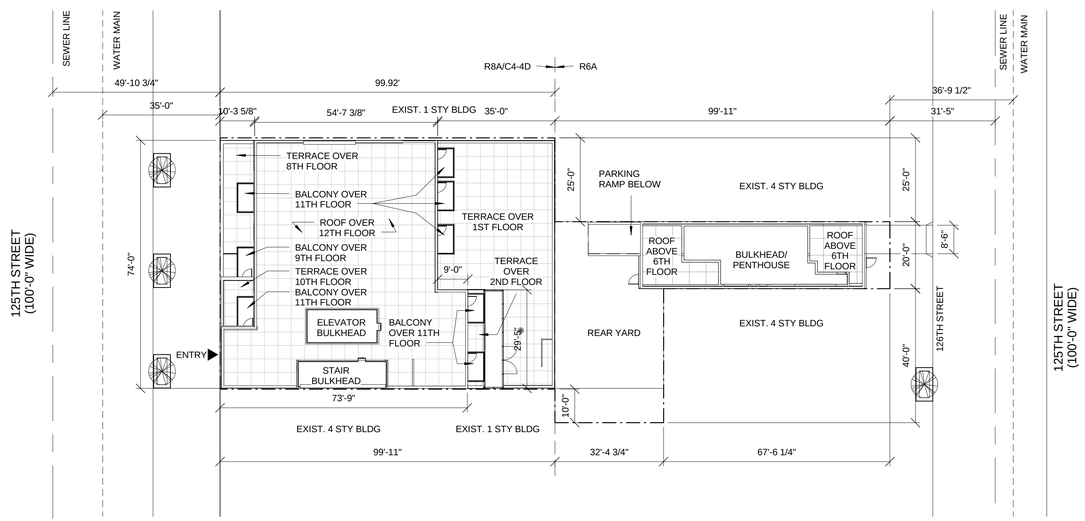
FLOOR	UNIT A	UNIT B	UNIT C	UNIT D	UNIT E	UNIT F	UNIT G	TOTAL STUDIOS	TOTAL IH 1BD	TOT. 1BD	TOT. IH 2BD	TOTAL 2BD	TOTAL
1													
2		STUDIO	2BD/1BA	1BD/1BA/F	1BD/1BA	1BD/1BA		1		3	1		5
3	STUDIO	STUDIO	2BD/1BA	1BD/1BA/F	1BD/1BA *M	STUDIO	STUDIO	4	1	1	1		7
4	STUDIO	STUDIO	2BD/1BA	1BD/1BA/F	1BD/1BA *AV	STUDIO	STUDIO	4	1	1	1		7
5	STUDIO	STUDIO	2BD/1BA	1BD/1BA/F	1BD/1BA	STUDIO	STUDIO	4	1	1	1		7
6	STUDIO	STUDIO	2BD/1BA	1BD/1BA/F	1BD/1BA	STUDIO	STUDIO	4		2	1		7
7	STUDIO	STUDIO	2BD/1BA	1BD/1BA/F	1BD/1BA	2BD/1BA		2		2	2		6
8	STUDIO	STUDIO	2BD/1BA	1BD/1BA/F	1BD/1BA	2BD/1BA		2		2	1	1	6
9	1BD/1BA/F	1BD/1BA	STUDIO	2BD/1BA	1BD/1BA	1BD/1BA		1	1	3		1	6
10	1BD/1BA/F	1BD/1BA	STUDIO	2BD/1BA	1BD/1BA	1BD/1BA		1		4		1	6
11	1BD/1BA/F	2BD/2BA	2BD/2BA	1BD/BA	1BD/1BA					3		2	5
12	1BD/1BA/F	2BD/2BA	2BD/2BA	1BD/BA	1BD/1BA					3		2	5
TOTAL								**23**	**4**	**25**	8	**7**	**67**

*M = UFAS MOBILITY IMPAIRED
*AV = UFAS AUDIO/VISUAL IMPAIRED

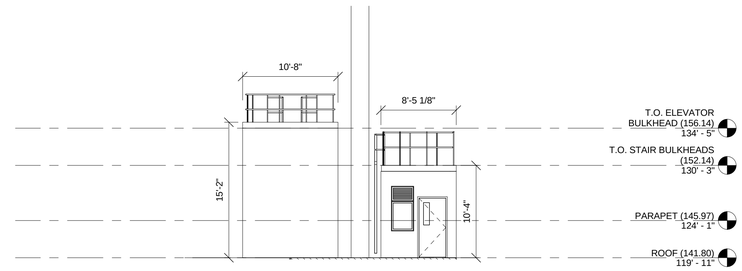
125TH STREET — **NORTH TOWER**

UNIT MARKET ROOMS

FLOOR	UNIT A	UNIT B	TOTAL AFD STUDIOS	TOT. 1BD	TOTAL 2BD	TOTAL 3BD	TOTAL
1							
2	STUDIO	2BD	1		1		2
3	STUDIO	1BD	1	1			2
4	3BD					1	1
5	3BD					1	1
6	STUDIO	3BD	1			1	2
7							
TOTAL			**3**	**1**	1	**3**	**8**



1 PLOT PLAN
3/64" = 1'-0"



BULKHEAD CALCULATIONS

Permitted Obstruction
(SEC. 23-62(g)(3i))

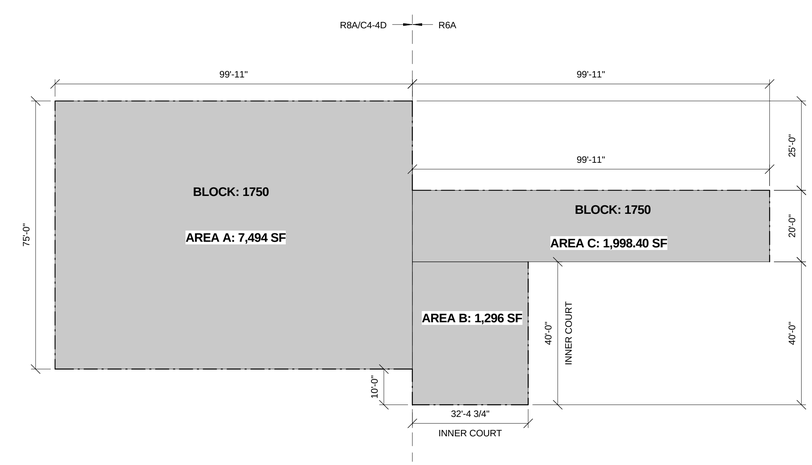
Bulkhead Aggregate Width X Average Height < Street Wall Width X 8

East Facade 74'-0" = Length of street wall
74'-0" x 8 = **592 SF**

Proposed Bulkhead Aggregate Width = 10'-8" + 8'-4 1/2" = 19'-0 1/2"
Proposed Average Height = (15'-2" + 10'-4") / 2 = 12'-1"
19'-0 1/2" x 12'-1" = **230 SF**

230 SF < 592 SF **COMPLIES**

3 BULKHEAD CALCULATION
1/8" = 1'-0"



2 LOT AREA DIAGRAM
1" = 20'-0"

LOTS 28, 29, 30 & 44		
A	99'-11" X 75'-0"	7,494 SF
B	40'-0" X 32'-4 3/4"	1,296 SF
C	99'-11" X 20'-0"	1,998.40 SF
TOTAL		10,788.40 SF

C4-4D = 7,494 SF

R6A = 3,294.40 SF

Project
69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER: CORE/STONE 125 East 125th Street 6th Floor New York, NY 10019

STRUCTURAL ENGINEER: SHARON ENGINEERING 25 Jackson Avenue Long Island City, NY 11101

MEP ENGINEER: SHARON ENGINEERING 25 Jackson Avenue Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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Issuance Schedule

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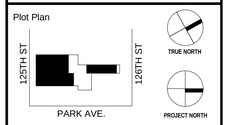
No.	Date	Description

Plot Plan



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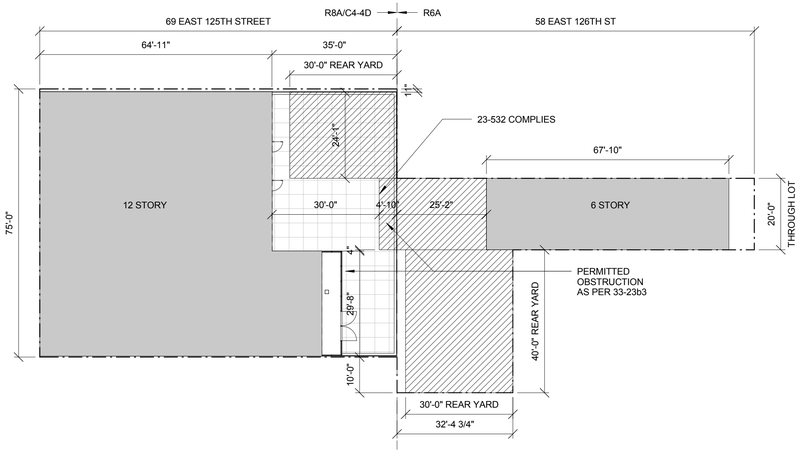


2 REAR YARD DIAGRAM
1" = 20'-0"

125TH STREET

EAST ELEVATION = 21.86
WEST ELEVATION = 21.92

CALCULATION 21.86 + 21.92 = 43.78

43.78/2 = 21.89

BASE PLANE = 21.89

126TH STREET

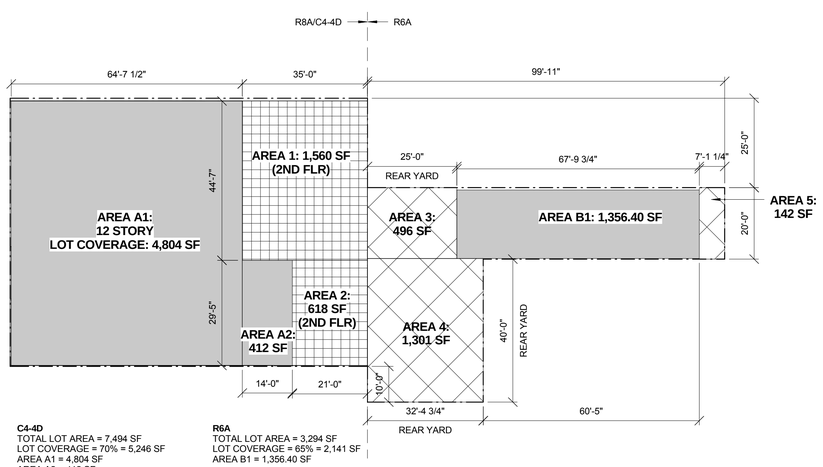
EAST ELEVATION = 22.03
WEST ELEVATION = 22.16

CALCULATION 22.03 + 22.16 = 44.19

44.19/2 = 21.89

BASE PLANE = 22.095

1 BASE PLANE CALCULATION
1/16" = 1'-0"

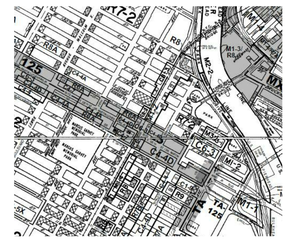


C4-4D
TOTAL LOT AREA = 7,494 SF
LOT COVERAGE = 70% = 5,246 SF
AREA A1 = 4,804 SF
AREA A2 = 412 SF
TOTAL = 5,216 SF < 5,246 SF - COMPLIES

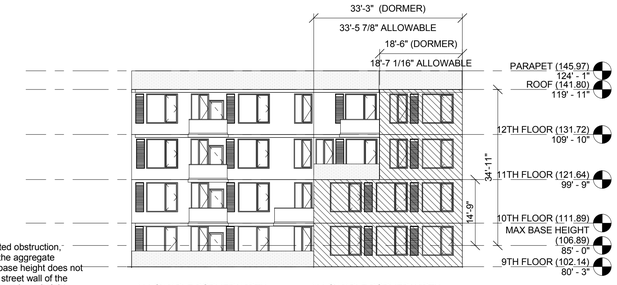
R6A
TOTAL LOT AREA = 3,294 SF
LOT COVERAGE = 65% = 2,141 SF
AREA B1 = 1,356.40 SF
TOTAL = 1,356.40 SF < 2,141 SF - COMPLIES

3 LOT COVERAGE DIAGRAM
1" = 20'-0"

5 FEMA FLOOD MAP
1" = 30'-0"



6 ZONING MAP - 6A
1" = 30'-0"



ZR23-621(c)(1)-
Dormers shall be allowed as a permitted obstruction, provided that on any street frontage, the aggregate width of all dormers at the maximum base height does not exceed 60 percent of the width of the street wall of the highest story entirely below the maximum base height.

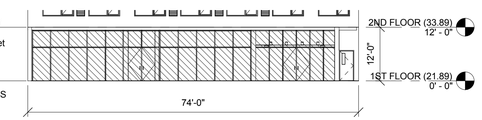
ALLOWABLE DORMER WIDTH
9-10TH FLOORS:
(60%(74'-0")) - (1%(74'-0") X 14'-9")
(44'-4 13/16") - (8 7/8" X 14'-9")
(44'-4 13/16") - (10'-10 7/8")
=33'-5 15/16" ALLOWABLE
33'-3" < 33'-5 15/16"
COMPLIES

ALLOWABLE DORMER WIDTH
11-12TH FLOORS:
(60%(74'-0")) - (1%(74'-0") X 34'-11")
(44'-4 13/16") - (8 7/8" X 34'-11")
(44'-4 13/16") - (25'-9 7/8")
=18'-7 1/16" ALLOWABLE
18'-7" < 18'-7 1/16"
COMPLIES

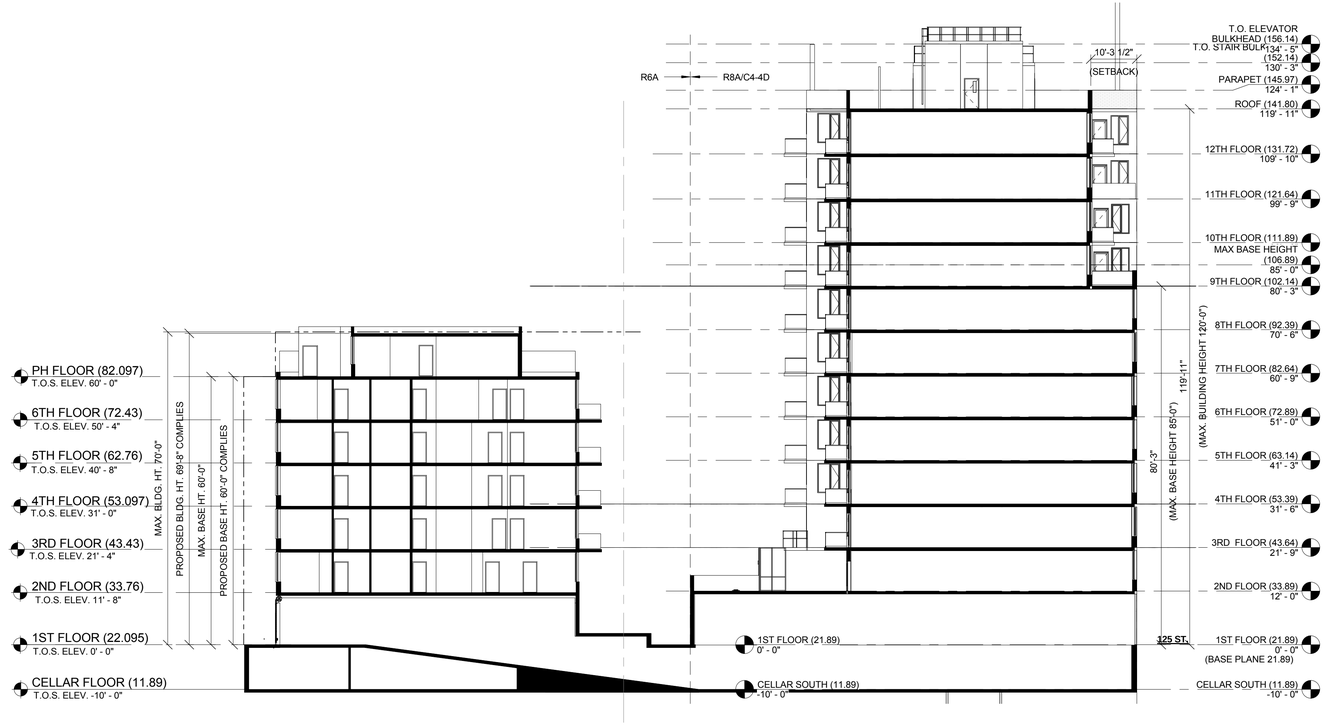
7 DORMER CALCULATION
1/16" = 1'-0"

ZR97-23
The ground floor street wall shall be glazed with materials which may include show windows, glazed transoms or glazed portions of doors. Such glazed area shall occupy at least 70 percent of the area of each ground floor street wall, measure to a height of 12 feet above the level of the adjoining sidewalk or public access area.

TOTAL GF STREET WALL: 74' X 12' = 888 SF
888 SF X 70% = 621.6 SF
PROPOSED TRANSPARENCY: 754.35 SF > 621.6 SF COMPLIES



8 TRANSPARENCY DIAGRAM_SOUTH ELEVATION
1/16" = 1'-0"



BASE PLANE CALCULATION :
(22.16 + 22.03) / 2 = **22.095**

BASE PLANE CALCULATION :
(21.86 + 21.92) / 2 = **21.89**

4 HEIGHT & SETBACK DIAGRAM 02
1/16" = 1'-0"

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER: CORE CITY STONE, 69 East 125th Street 60th Floor New York, NY 10019

STRUCTURAL ENGINEER: SHARON ENGINEERING 36 Cherry Hill Drive Long Island City, NY 11101

MEP ENGINEER: SHARON ENGINEERING 36 Cherry Hill Drive Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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Issuance Schedule

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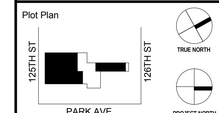
Revision Schedule

No.	Date	Description

Plot Plan



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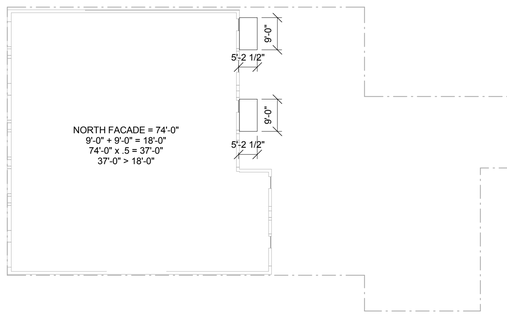
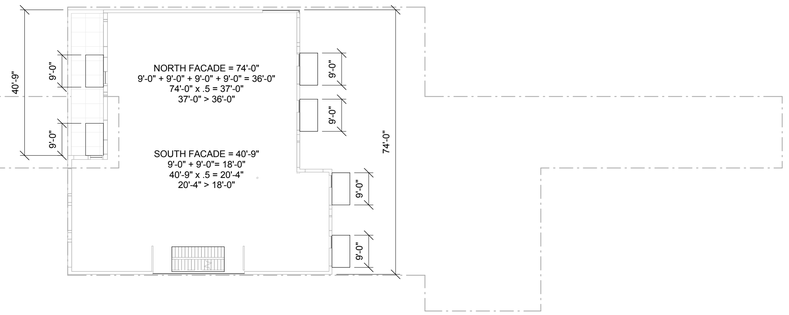
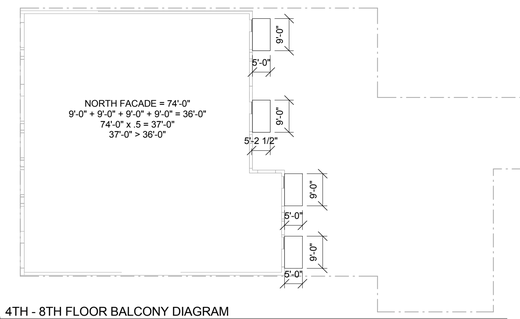


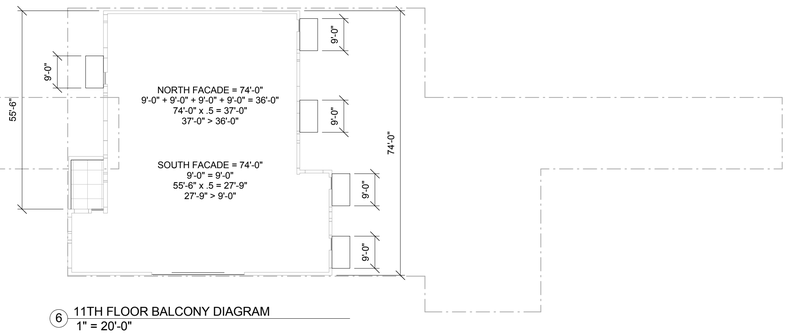
1 3RD FLOOR BALCONY DIAGRAM
1" = 20'-0"



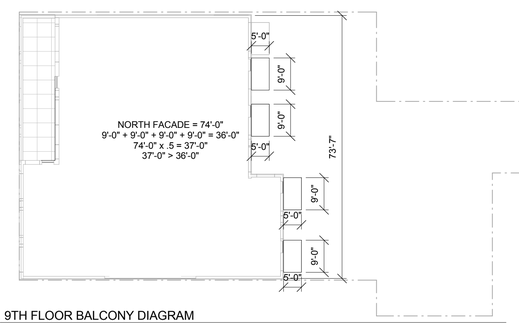
5 10TH FLOOR BALCONY DIAGRAM
1" = 20'-0"



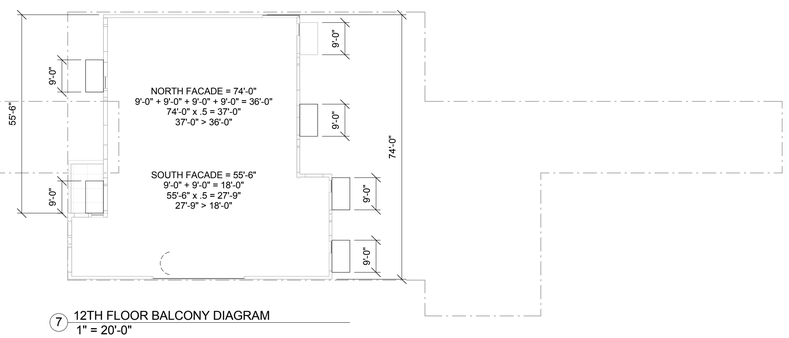
2 4TH - 8TH FLOOR BALCONY DIAGRAM
1" = 20'-0"



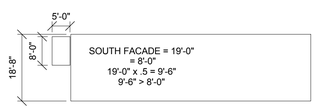
6 11TH FLOOR BALCONY DIAGRAM
1" = 20'-0"



3 9TH FLOOR BALCONY DIAGRAM
1" = 20'-0"



7 12TH FLOOR BALCONY DIAGRAM
1" = 20'-0"



4 3RD -5TH FLOOR BALCONY DIAGRAM_58 E 126TH
1" = 20'-0"

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER:
CORE/STONE
125 East 125th Street
6th Floor
New York, NY 10019

STRUCTURAL ENGINEER:
SHARON ENGINEERING
2 Park Avenue, Suite 1
Long Island City, NY 11101

MEP ENGINEER:
SHARON ENGINEERING
2 Park Avenue, Suite 1
Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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Issuance Schedule

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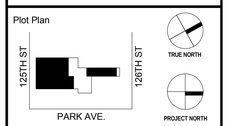
Revision Schedule

No.	Date	Description

Plot Plan



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DOB NUMBER

BUILDING CODE REQUIREMENTS

APPLICABLE CODE:
NOTE: All numbers noted after listings refer to section numbers from this document.

Building code of the City of New York - 2014 - Latest Edition
Energy Conservation Construction Code of New York State.
Cabo/ ANSI A117.1- 1986.

FIRE DISTRICT: The property is located within a fire district (BC D101.2)

MOTOR-VEHICLE-RELATED OCCUPANCIES:
(BC-406)

406.2.2 CLEAR HEIGHT
SHALL NOT BE LESS THAN 7' IN HEIGHT
PROVIDED: **16'-0"**

406.2.3 GUARDS
PROVIDE IN ACCORDANCE WITH SECTION 1013.
PROVIDED: SEE DWG **A-100.00**

406.2.4 VEHICLE BARRIERS
VEHICLE BARRIER SYSTEMS NOT LESS THAN 2FT 9IN HIGH SHALL BE PLACED AT THE END OF DRIVE LANES AND AT THE END OF PARKING SPACES WHERE THE VERTICAL DISTANCE TO THE GROUND OR SURFACE DIRECTLY BELOW IS GREATER THAN 1 FT. VEHICLE BARRIER SYSTEMS SHALL COMPLY WITH THE LOADING REQUIREMENTS OF SECTION 1607.7.3
COMPLIES: NO DROP EXCEEDS 1'

406.2.5 RAMPS
RAMPS HALL HAVE A GRADIENT NOT EXCEEDING 1 IN 7, WITH NON-SLIP SURFACES. A LEVEL LANDING HAVING A MINIMUM DIMENSION OF 20' SHALL BE PROVIDED AT THE DISCHARGE POINT OF ALL RAMPS AT THE STREET LEVEL.
PROVIDED: SEE DWG **A-110.00**

406.2.6 FLOOR SURFACE
PARKING SURFACES SHALL BE OF CONCRETE OR SIMILAR NONCOMBUSTIBLE AND NONABSORBENT MATERIALS. FLOOR SURFACE TO BE SLOPED.
PROVIDED: CONCRETE FLOOR WITH SLOPE

406.2.7 SEPARATION
PARKING GARAGES SHALL BE SEPARATED FROM OTHER OCCUPANCIES IN ACCORDANCE WITH SECTION 510.

406.2.8 SPECIAL HAZARDS
OPENINGS FROM A PARKING GARAGE TO ANY ROOM IN WHICH THERE IS A FUEL-FIRED APPLIANCE SHALL BE BY MEANS OF A VESTIBULE PROVIDING A TWO-DOORWAY SEPARATION. SUCH VESTIBULE AND DOORWAY SHALL BE MINIMUM 1-HR RATED CONSTRUCTION

406.2.9 OPENINGS PROHIBITED
OPENINGS FROM A PARKING GARAGE INTO A ROOM USED FOR SLEEPING PURPOSES IS PROHIBITTED.
COMPLIES: NO OPENINGS TO GARAGE FROM A SLEEPING ROOM

406.2.10 FIRE-FIGHTER AISLES
ONE OR MORE AISLES AT LEAST 24" IN WIDTH SHALL BE PROVIDED TO PERMIT ACCESS. NO MORE THAN THREE ROWS OF PARKED MOTOR VEHICLES BETWEEN AISLES.
PROVIDED: SEE DWG. **A-100.00**

406.4.1 HEIGHTS AND AREAS
SHALL BE LIMITED TO THE HEIGHTS AND AREAS SPECIFIED IN TABLE 503.

406.4.2 VENTILATION
A MECHANICAL VENTILATION SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH THE NEW YORK CITY MECHANICAL CODE.
COMPLIES: SEE MECHANICAL DRAWINGS

SEPARATION OF OCCUPANCIES:
(CHAPTER 5)

INCIDENTAL USE AREAS
(TABLE 508.2)

ROOM OR AREA	SEPARATION REQ.	MIN. PROVIDED	
FURNACE ROOM-EQ OVER 350,000 BTUS/HR INPUT	2 HR; OR 1 HR AND PROVIDE AUTO SPRINKLER SYSTEM	2 HOUR	COMPLIES
FURNACE RM-EQ OVER 350K BTUS/HR INPUT OR LESS	1 HR OR AUTOMATIC SPRINKLER SYSTEM	2 HOUR	COMPLIES
MECHANICAL AND / OR ELECTRICAL ROOMS	1 HR OR AUTOMATIC SPRINKLER SYSTEM	1 HOUR	COMPLIES
PARKING GARAGE	2 HOURS	2 HOUR	COMPLIES
LAUNDRY ROOMS	1 HOUR	1 HOUR	COMPLIES
STORAGE ROOMS	1 HOUR	1 HOUR	COMPLIES
WASTE ROOMS	1 HOUR	1 HOUR	COMPLIES

SPECIAL PROVISIONS: (BC 510.10) SPACES OR DWELLING UNITS OCCUPIED BY DIFFERENT TENANTS SHALL BE SEPARATED BY FIRE BARRIERS HAVING AT LEAST 1-HOUR FIRE RESISTANT RATING.

SPECIAL PROVISIONS: (BC 510.4) Parking beneath Group R.Where a maximum one-story above grade plane Group S-2 parking garage, enclosed or open, or combination thereof, of Type I construction or open of Type IV construction, with grade entrance, is provided under a building of Group R, the number of stories to be used in determining the minimum type of construction shall be measured from the floor above such a parking area. The horizontal floor assembly between the parking garage and the Group R above shall comply with the type of construction required for the parking garage and shall also provide a fire-resistance rating not less than the mixed occupancy separa-tion required in Section 508.4

TYPE OF CONSTRUCTION: (CHAPTER 6)
IB (Table 601)
Table 503 allows for unlimited stories, and unlimited floor area.

	ELEMENT:	HOURS REQUIRED:	PROVIDED/HOURS:	
TABLE 601	STRUCTURAL FRAME	2 hour(s)	2 hour(s) CONCRETE	COMPLIES
	BEARING WALLS	EXTERIOR : 2 hour(s) INTERIOR : 2 hour(s)	2 hour(s) min. 2 hour(s) min.	COMPLIES
	NON-BEARING INT WALLS		CONCRETE	
	FLOOR CONSTRUCTION & SEC MEMBERS	2 hour(s)	2 hour(s) CONCRETE	COMPLIES
	ROOF CONSTRUCTION & SEC MEMBERS	1 hour(s)	2 hour(s) CONCRETE	COMPLIES
	NON-BEARING EXTERIOR WALLS:			
TABLE 602	SEPARATION DISTANCE: <5'	1 hour(s)	1 hour(s) METAL STUD	COMPLIES
	SEPARATION DISTANCE: 5 to <10'	1 hour(s)	1 hour(s) METAL STUD	COMPLIES
	SEPARATION DISTANCE: 10 to < 30'	1 hour(s)	1 hour(s) METAL STUD	COMPLIES
	SEPARATION DISTANCE: >30'	0 hour(s)	0 hour(s)	COMPLIES

INTERIOR FINISHES:
(CHAPTER 8)

FLAME SPREAD RATING: (803.1.1.1)

INTERIOR FINISH CLASS	FLAME SPREAD RATING	LOCATION	SMOKE DEVELOPED RATING
A	0 TO 25	EXIT & CORRIDORS	25 OR LESS
B	26 TO 75		
C	76 TO 200		

INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY: (TABLE 803.1)

	OCCUPANCY GROUP
SPRINKLERED AREAS	R-2
EXIT ENCLOSURES AND EXIT PASSAGEWAYS	B
CORRIDORS	B
ROOMS & ENCLOSED SPACES	C

FIRE PROTECTION SYSTEM:
(CHAPTER 9)
THIS BUILDING CONTAINS A SPRINKLER SYSTEM THROUGHOUT THE ENTIRE BUILDING FILED UNDER A SEPARATE APPLICATION # **XXXXXXXXXXXX**

EXIT AND ACCESS REQUIREMENTS: Sprinklered Building - IB Construction Class
(CHAPTER 10)

Occupancy loads (Table 1004.1.2):
Residential: 200 SF Gross(within dwelling unit) /Occ.
Accessory Storage/ Mech. Rooms/Retail/Gym: 300 SF Gross /Occ

C4-4D

OCCUPANCY	SQ.FT.	FACTOR (SF/OCC.)	OCCUPANTS
CELLAR			
Parking	5,638	200 GROSS	28
Accessory	2,570	300 GROSS	9
			37
FIRST FLOOR			
Lobby/Accessory	1,517	200 GROSS	8
Retail	5,753	300 GROSS	29
			37
2nd FLOOR			
Residential	3,130	200 GROSS	16
Exercise Room	889	200 GROSS	5
			21
3rd FLOOR			
Residential	3,750	200 GROSS	19
			19
4th - 8th FLOOR (TYP)			
Residential	3,750	200 GROSS	19
			19
9th - 10th FLOOR(TYP)			
Residential	3,201	200 GROSS	16
			16
11th - 12th FLOOR (TYP)			
Residential	2,900	200 GROSS	15
			15

R6A

OCCUPANCY	SQ.FT.	FACTOR (SF/OCC.)	OCCUPANTS
CELLAR			
Accessory	998	300 GROSS	3
			3
FIRST FLOOR			
Residential	196	200 GROSS	1
Lobby	361	200 GROSS	2
			3
2nd			
Residential	1,015	200 GROSS	5
			5
3rd - 5th FLOOR(TYP)			
Residential	1,017	200 GROSS	5
			5
6th			
Residential	997	200 GROSS	5
			5
7th			
Residential	453	200 GROSS	2
			2

Egress Width per Occupancy Occupant Served: (Table 1005.1)	Stairways	Other Components
	0.3" / Occ.	0.2" / Occ.

EXIT CAPACITY PER 1005.1(SEE PLANS FOR EGRESS CALC/FLOOR):

EXIT TYPE	WIDTH	FACTOR	MAX CAPACITY
Stair A	38"	.3" / Occ.	127 Occ / Stair
Stair B	38"	.3" / Occ.	127 Occ / Stair
Stair A Door	36"	.2" / Occ.	180 Occ / Stair Door
Stair B Door	36"	.2 / Occ	180 Occ / Stair Door
Corridor	60"	.2" / Occ.	300 Occ.

ILLUMINATION REQ'D: (BC 1006.1) Exits, exit discharges and public corridors shall be illuminated at all times by either daylight or electric lighting fixtures. Exit access components shall be illuminated by either daylight or electric lighting fixtures at all times that the space served by the exit access component is occupied.

SECURITY REQ'S: (BC 1008.4) The provisions of Sections 1008.4.1 through 1008.4.4 shall apply to Group R-2 occupancies.

STAIRWAY WIDTH:
(BC 1009.1.2) Stairway width shall not be less than 44".
(BC 1009.1.1.2) **EXCEPTION:**
A width of not less than 36" shall be permitted for a stairway that provides exit discharge soley for the use of Group R-2 occupancies, provided the building it serves is 125' or less in height and such stairway serves not more than 30 occ. per floor

STAIR TREADS & RISERS: (BC 1009.4.2) Stair riser heights shall be 7" maximum and 4" minmum. Stair tread depths shall be 11" min.
(BC 1009.5) **EXCEPTION:**
R-2 Occupancies
(BC 1009.5.1) Sum of treads and risers. The sum of two risers plus one tread exclusive of nosing shall be not less than 24" nor more than 25 1/2"
(BC 1009.5.2) Dimensions of treads and risers. The maximum riser height shall be 7 3/4" and the minimum tread depth shall be 9 1/2" plus nosing.
See Stair Section & Details drawing A-600.00 COMPLIES

NOTE: MULTIPLE MEANS OF EGRESS SHALL BE SIZED SUCH THAT THE LOSS OF ANY ONE MEANS OF EGRESS SHALL NOT REDUCE THE AVAILABLE CAPACITY TO LESS THAN 50% AS PER 1005.1
- MIN 44" AT ALL STAIRS AND CORRIDORS *See Floor Plans For Calculations

(Table 1016.1)	REQUIRED:	PROVIDED:	
Maximum travel distance R-2 Occ.:	200'-0" max.	*LESS THAN 200'-0"	COMPLIES
Maximum Dead end corridor I-1 Occ.:	80'-0" max.	*LESS THAN 80'-0"	COMPLIES
(BC 1018.4 EXCEPTION 4)		* See Floor Plans For Calculations	

PUBLIC CORRIDOR FIRE RESISTANCE RATING (Table 1016.1.2): OCCUPANCY R-2 (NONCOMBUSTIBLE) - 1-HOUR
PROVIDED 2HRS COMPLIES

PROJECT COMPLIES WITH BUILDING CODE 2014 CHAPTER 11 ACCESSIBILITY

INTERIOR ENVIRONMENT:
(CHAPTER 12)

AIRBORNE SOUND: (BC 1207.2) Walls, partitions and floor/ceiling assemblies separating dwelling units from each other, from adjacent occupancies, from public or service areas, from stairs or from mechanical equipment spaces, including boiler rooms, or elevator or other shafts shall have a sound transmission class (STC) for air-borne noise of not less than 50 based upon laboratory measurements madein accordance with ASTM E 90, or not less than 45 if field tested in accordance with ASTM E 336. Dwelling unit entrance doors shall be installed of assemblies having an STC of not less than 30 based upon laboratory measurements made in accordance with ASTM E 90. Penetrations or openings in construction assemblies for piping; electrical devices; recessed cabinets; bathtubs; soffits; or heating, ventilating or exhaust ducts shall be sealed, lined, insulated or otherwise treated to maintain the required ratings

ELEMENT:	REQUIRED:	PROVIDED:
Between Dwelling Units	NOT LESS THAN STC 50	3" Themafiber SAB between metal studs with 5/8" F.C. "type X" gypsum board both sides - STC 52
Between Dwelling Units and Public Hall (walls)	NOT LESS THAN STC 50	3" Thermafiber SAB btw metal studs with 5/8" F.C. "type X" gypsum board two layers one side and one layer on the other STC 50
Between Dwelling Units and Public Hall (doors):	NOT LESS THAN STC 30	1-3/4" thick 3'-0" x 6'-8" F.P.S.C. hollow metal door with core - STC 37
Elevator Shafts, etc.:	NOT LESS THAN STC 50	3" Themafiber SAB btw. metal studs w/ double layer of 1/2" F.C. "type X" gypsum board on one side and 1" shaft wall liner on the other side. STC 50

REFUSE & RECYCLABLE STORAGE (1213)

1213.2 COMPACTOR
SUCH SYSTEM SHALL BE LOCATED IN A REFUSE CHUTE TERMINATION ROOM CONSTRUCTED IN ACCORDANCE WITH SECTION 707.13.4. THE FLOOR SHALL BE CONSTRUCTED OF CONCRETE.
PROVIDED: CONCRETE FLOOR

707.13.4 TERMINATION ROOM
REFUSE CHUTES SHALL TERMINATE IN AN ENCLOSED ROOM SEPARATED FROM THE BUILDING WITH A FIRE RATING OF AT LEAST 3 HOURS.
PROVIDED: 3 HOUR SEPARATION

1213.3 REFUSE CHUTE
REFUSE CHUTE ACCESS ROOMS SHALL SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 707.13

707.13.1 REFUSE CHUTE ENCLOSURE
SHALL HAVE A FIRE RATING OF 2 HOURS
PROVIDED: 2 HOURS

SECTION BC 1301 GENERAL

1301.1.1 BUILDINGS SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE NEW YORK CITY ENERGY CONSERVATION CODE.

SECTION BC 1613 EARTHQUAKE LOADS-GENERAL

1614.1 EVERY STRUCTURE AND PORTION THEREOF, SHALL AT A MINIMUM, BE DESIGNED AND CONTRACTED TO RESIST THE EFFECTS OF EARTHQUAKE MOTIONS AND ASSIGNED A SEISMIC DESIGN CATEGORY AS SET IN SECTION 1616.3.

SECTION BC 1814 UNDERPINNING AND SUPPORT OF ADJACENT PROPERTY

1814.1 GENERAL. WHERE THE PROTECTION AND/OR SUPPORT OF ADJACENT STRUCTURES IS REQUIRED, AN ENGINEER SHALL PREPARE A PRECONSTRUCTION REPORT SUMMARIZING THE CONDITION OF THE STRUCTURE AS DETERMINED FROM EXAMINATION OF THE STRUCTURE, THE REVIEW OF AVAILABLE DESIGN DOCUMENTS AND IF NECESSARY, THE EXCAVATION OF TEST PITS. THE ENGINEER SHALL DETERMINE THE REQUIREMENTS FOR UNDERPINNING AND PROTECTION AND PREPARE SITE-SPECIFIC PLANS, DETAILS, AND SEQUENCE OF WORK FOR SUBMISSION TO THE COMMISSIONER. SUCH SUPPORT MAY BE PROVIDED BY UNDERPINNING, SHEETING, AND BRACING, OR BY OTHER MEANS ACCEPTABLE TO THE COMMISSIONER. UNDERPINNING PIERS, WALLS, PILES AND FOOTINGS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH PROVISIONS OF THIS CHAPTER AND CHAPTER 33 AND SHALL BE INSPECTED IN ACCORDANCE WITH PROVISIONS OF CHAPTER 17.

MULTIPLE DWELLING LAW

1. BUILDING SHALL CONFORM TO ARTICLE 7 MULTIPLE DWELLING LAW AND DEPARTMENT RULES AND REGULATIONS AND HOUSING MAINTENANCE CODE
2. EXTERIOR LIGHT OR LIGHTS SHALL BE OF AT LEAST 50 WATTS SHALL BE LOCATED AT A HEIGHT OF BETWEEN 8' 0" AND 10'-0" ABOVE GROUND LEVEL AND SHALL BE LOCATED SO AS TO ADEQUATELY LIGHT ALL PORTIONS OF REAR YARD AS PER SECTION 26 MULTIPLE DWELLING LAW AND SECTION 27-2040 HOUSING MAINTENANCE CODE.
3. OWNER SHALL PROVIDE LIGHTING OF AT LEAST 50 WATTS FOR EVERY VESTIBULE, ENTRANCE HALL, PUBLIC STAIR, AND PUBLIC HALL. LIGHTS SHALL BE SO LOCATED THAT EVERY PART THEREOF SHALL BE LIGHTED AS PER SECTION 37.1 MULTIPLE DWELLING LAW.
4. OWNER SHALL PROVIDE LIGHTS FROM SUNSET TO SUNRISE OF THE FOLLOWING DAY AS PER SECTION 37.2 MULTIPLE DWELLING LAW.
5. OWNER SHALL PROVIDE APPROVED-TYPE GOVERNMENT MAILBOXES AS APPROVED BY THE POST OFFICE AS PER SECTION 57 MULTIPLE DWELLING LAW AND 27-2041 HOUSING MAINTENANCE CODE.
6. OWNER SHALL INSTALL INTERCOM SYSTEM, FOR EACH APARTMENT, IN VESTIBULE OF BUILDING AS PER SECTION 57 MULTIPLE DWELLING LAW.
7. CELLAR CEILINGS SHALL BE FIRE-RETARDED WITH 5/8" FIRECODE 60 AS PER SECTION 185 MULTIPLE DWELLING LAW.
8. PARAPETS AND GUARDRAILS TO BE 3'-6" HIGH AS PER SECTION 62 MULTIPLE DWELLING LAW.
9. AS PER SECTION 64.2 MULTIPLE DWELLING LAW NO GAS METER SHALL BE PLACED IN A BOILER ROOM, STAIR OR PUBLIC HALL.
10. ALL LIQUID OR WATER-BORNE WASTE FROM PLUMBING FIXTURES SHALL BE CONVEYED BY A HOUSE DRAIN AND HOUSE SEWER TO A STREET SEWER AS PER SECTION 77.1 MULTIPLE DWELLING LAW.
11. THE OWNER OF EVERY MULTIPLE DWELLING OR PART THERE OF SHALL THOROUGHLY CLEANSE AND KEEP CLEAN AT ALL TIMES, AND IN GOOD REPAIR, THE ENTIRE PLUMBING AND DRAINAGE SYSTEM AS PER SECTION 77.4 MULTIPLE DWELLING LAW.
12. A REAR YARD SHALL BE PROVIDED, 13'-0" OR MORE IN DEPTH ACROSS THE ENTIRE LOT AS PER SECTION 31.2 MULTIPLE DWELLING LAW.
13. SKYLIGHT OVER PUBLIC HALL ON TOP STORY SHALL HAVE AT LEAST 20 SQUARE FEET GLAZED AREA (PLAIN GLASS) MINIMUM 40 SQUARE INCH RIDGE VENT WITH SUITABLE WIRE SCREENS ABOVE AND BELOW AS PER SECTION 178 MULTIPLE DWELLING LAW.
14. ROOF SCUTTLES SHALL BE AT LEAST 22" IN WIDTH AND 26" IN LENGTH COVERED ON THE EXTERIOR WITH METAL AND PROVIDED WITH A STATIONARY METAL LADDER AS PER SECTION 188 MULTIPLE DWELLING LAW.
15. STAIRS LEADING FROM A CELLAR TO THE FLOOR ABOVE SHALL BE CONSTRUCTED OF INCOMBUSTIBLE MATERIALS AS PER SECTION 190 MULTIPLE DWELLING LAW.
16. REMOVE ALL WAINSCOTING ON ANY PUBLIC HALL OR STAIR AS PER SECTION 191 MULTIPLE DWELLING LAW.
17. A CELLAR ENTRANCE FROM OUTSIDE THE DWELLING SHALL BE PROVIDED WITH A METAL FIRE LADDER OR A FIRE PROOF STAIR LEADING TO AN EXTERIOR OPENING 2'-6" IN WIDTH AND 6'-0" IN HEIGHT AS PER SECTION 192 MULTIPLE DWELLING LAW.
18. CEILING OF KITCHENETTES AND BATHROOMS SHALL BE FURRED DOWN AS REQUIRED; KITCHENETTE ARCH TO BE FURRED DOWN TO A MINIMUM OF 1'-0" FROM CEILING.
19. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF AND SHALL BE SUBJECT TO THE APPROVAL OF THE DEPARTMENT OF WATER SUPPLY, GAS, AND ELECTRICITY OR CON EDISON.
20. GAS RANGES SHALL BE OF TYPE APPROVED BY AMERICAN GAS ASSOCIATION AND UNDERWRITERS LABORATORIES
21. OWNER SHALL PROVIDE AND MAINTAIN A PEEPHOLE IN THE ENTRANCE DOOR OF EACH DWELLING UNIT; SUCH PEEPHOLE SHALL BE LOCATED AND CONFORM IN ALL RESPECTS TO THE REQUIREMENTS OF SECTION 27-2041 HOUSING MAINTENANCE CODE.
22. THE CEILINGS AND WALLS OF ALL KITCHENETTES AND PUBLIC HALLS SHALL BE FIRE-RETARDED WITH 5/8" NATIONAL GOLD BOND "FIRE-SHIELD" (NYC BSA CAL.NO. 439-52-SM) OR APPROVED EQUAL.
23. OWNER SHALL INSTALL AND MAINTAIN LIGHTS ON EXTERIOR OF BUILDING; WHICH LIGHTS SHALL BE PROTECTED BY METAL GUARD OR SHATTERPROOF GLOBE; LIGHTS SHALL BE OF AT LEAST 50 WATTS ILLUMINATION AND PLACED ON EACH SIDE OF FRONT ENTRANCE AT A HEIGHT OF BETWEEN 8'-0" AND 10'-0" ABOVE FLOOR LEVEL ADJACENT TO THE ENTRANCEWAY AS PER SECTION 26 MULTIPLE DWELLING LAW AND SECTION 27-2040 HOUSING MAINTENANCE CODE.
24. ALL WINDOW SIZES SHOWN ARE BETWEEN STOP BEADS.ALL ENTRANCE AND VESTIBULE DOORS TO CONTAIN NOT LESS THAN 5 SQUARE FEET OF GLAZED AREA.
25. OWNER SHALL PROVIDE A KEY LOCK, DEAD BOLT LOCK AND CHAIN GUARD ON EACH DWELLING UNIT DOOR AS PER SECTION 27-2043 HOUSING MAINTENANCE CODE.
26. ALL APARTMENT ENTRANCE DOORS AND DOORS TO PUBLIC HALL STAIRS TO BE ONE-HOUR APPROVED, FIREPROOF, SELF-CLOSING INCLUDING DOOR ASSEMBLY.
27. OWNER SHALL REGISTER BUILDING AT HOUSING DIVISION AS PER SECTION 27-2097 HOUSING MAINTENANCE CODE.
28. OWNER SHALL PROVIDE A SIGN IN VESTIBULE IDENTIFYING OWNER, MANAGER, AND SUPERINTENDENT AS PER SECTION 27-2104 HOUSING MAINTENANCE CODE.
29. ALL LIVING ROOMS WILL HAVE A MINIMUM CEILING HEIGHT OF 8'-0" AND A MINIMUM ROOM SIZE OF 132 SQUARE FEET FOR BUILDING ERECTED AFTER APRIL 18. 1929, AS PER SECTION 27-2074 HOUSING MAINTENANCE CODE.
30. THE MAXIMUM NUMBER OF PERSONS FOR ANY APARTMENT SHALL BE THE TOTAL LIVABLE FLOOR AREA DIVIDED BY 80 SQUARE FEET AS PER SECTION 27-2075 HOUSING MAINTENANCE CODE.
31. NO NEW ROOMING UNITS SHALL BE CREATED AS PER SECTION 27-2077 HOUSING MAINTENANCE CODE.
32. OWNER SHALL FILE FIRE REGISTRATION STATEMENT WITH HOUSING DIVISION AS PER SECTION 27-2098 HOUSING MAINTENANCE CODE.
33. REGISTRATION SHALL CONTAIN THE FOLLOWING INFORMATION: BLOCK AND LOT, STREET NUMBER, NAME OF OWNER INCLUDING HOME AND OFFICE ADDRESS, NAME AND ADDRESS OF MANAGING AGENT, TELEPHONE NUMBER OF OWNER, AND PAY REQUIRED FEE AS PER SECTION 27-2098 HOUSING MAINTENANCE CODE.
34. CHANGE OF OWNERSHIP OF A BUILDING REQUIRES CHANGE OF REGISTRATION STATEMENT AS PER SECTION 27-2099 HOUSING MAINTENANCE CODE.
35. CHANGE OF MANAGING AGENT SHALL REQUIRE FILING AS PER SECTION 27-2101 HOUSING MAINTENANCE CODE.
36. ASHES OR WASTE MATTER SHALL NOT BE ALLOWED TO ACCUMULATE OTHER THAN IN PROPER RECEPTACLES; A SUFFICIENT NUMBER OF RECEPTACLES SHALL BE PROVIDED FOR WASTE DISPOSAL AS PER SECTION 27-2021 HOUSING MAINTENANCE CODE.
37. EVERY MULTIPLE DWELLING SHALL BE PROVIDED WITH HEAT FROM A CENTRAL HEATING SYSTEM AS PER SECTION 27-2028 HOUSING MAINTENANCE CODE.
38. A MINIMUM TEMPERATURE SHALL BE SUPPLIED FROM A CENTRAL HEATING SYSTEM. SUCH SYSTEM SHALL KEEP THE INSIDE TEMPERATURE AT 68 WHEN THE OUTSIDE TEMPERATURE FALLS BELOW 55 DURING THE HOURS OF 6:00 A.M. AND 10:00 P.M., AND AT AN INSIDE TEMPERATURE OF 55 WHEN THE OUTSIDE TEMPERATURE FALLS BELOW 40 BETWEEN THE HOURS OF 10:00 P.M. AND 6:00 A.M., ALL DURING THE MONTHS OF OCTOBER 1 THROUGH MAY 31 AS PER SECTION 27-2029 HOUSING MAINTENANCE CODE.
39. THE OWNER SHALL HAVE THE CENTRAL HEATING SYSTEM INSPECTED BY A QUALIFIED PERSON AS PER SECTION 27-2030 HOUSING MAINTENANCE CODE.
40. FLOOR SIGNS DESIGNATING FLOORS SHALL BE PROVIDED WITHIN STAIR ENCLOSURES AND IN PUBLIC HALLS NEAR STAIRS AS PER SECTION 27-2048 HOUSING MAINTENANCE CODE.
41. OWNER SHALL PROVIDE A STREET NUMBER ON THE FRONT OF THE BUILDING VISIBLE FROM THE SIDEWALK AS PER SECTION 27-2049 HOUSING MAINTENANCE CODE.

GENERAL NOTES

1. ALL WORK SHALL BE PERFORMED IN COMPLIANCE WITH THE RULES AND REGULATIONS OF LOCAL CODES AND ORDINANCES AND OTHER AUTHORITIES HAVING JURISDICTION. ALL REQUIRED PERMITS SHALL BE OBTAINED AND PAID FOR BY THE CONTRACTOR.
2. DRAWINGS ARE NOT TO BE SCALED. USE DIMENSIONS ONLY. CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE COMMENCING WORK.
3. ALL DIMENSIONS ARE GIVEN FINISHED FACE TO FINISHED FACE, UNLESS OTHERWISE NOTED.
4. CONTRACTOR SHALL PATCH AND REPAIR ALL HOLES WHICH OCCUR AS A RESULT OF DRILLING AND/OR CUTTING IN EXISTING MASONRY WALLS TO MATCH EXISTING.
5. ALL EXITS SHALL BE KEPT READILY ACCESSIBLE AND UNOBSTRUCTED AT ALL TIMES.
6. ILLUMINATION OF AT LEAST 10 FOOT CANDLES MEASURED AT FLOOR LEVEL SHALL BE MAINTAINED CONTINUOUSLY DURING OCCUPANCY IN EXITS AND THEIR ACCESS FACILITIES.
7. EXIT LIGHTING SHALL BE ON CIRCUITS THAT ARE SEPARATE FROM ANY OTHER CIRCUITS, TAKE OFFS AHEAD OF MAIN SWITCH.
8. LOCATION OF EVERY EXIT ON FLOOR SHALL BE CLEARLY INDICATED BY EXIT SIGNS. PLACE-IF REQUIRED- AT ANGLE WITH EXIT OPENING. INSTALL DIRECTIONAL SIGNS TO SERVE AS GUIDE FROM ALL PORTIONS OF THE CORRIDOR OPENING OF FLOOR.
9. CORRIDORS AND EXIT PASSAGEWAYS SHALL HAVE A CLEAR HEIGHT OF 7'-6" FOR AT LEAST 75% OF THE FLOOR AREA WITH NO POINT LESS THAN 7'-0" IN HEIGHT. PROJECTION BELOW THE CEILING SHALL NOT OBSTRUCT FULL VIEW OF EXIT SIGNS.
10. EXIT DOORS SHALL BE READILY OPEN-ABLE AT ALL TIMES FROM THE SIDE FROM WHICH EGRESS IS TO BE MADE. DOORS OPENING INTO INTERIOR-ENCLOSED STAIRS SHALL NOT BE LOCKED FROM EITHER SIDE.
11. EXHAUST SYSTEM DUCTS SHALL BE FIRE PROTECTED WITH CONSTRUCTION HAVING A FIRE RATING OF ONE OR TWO HOURS AS PER THE BUILDING CODE. REFER TO DETAILS.
12. DUCTS, PIPES, AND CONDUITS PASSING THROUGH FIRE-RATED CONSTRUCTION SHALL HAVE SPACES NOT EXCEEDING 1/2" PACKED WITH MINERAL WOOL, OR CLOSED OFF WITH CLOSE FITTING METAL ESCUTCHEONS. AGGREGATE NET AREA OF SUCH OPENING SHALL NOT EXCEED 25 SQUARE INCHES IN ANY 100 SQUARE FOOT WALL OR FLOOR AREA UNLESS PROTECTED BY RATED SELF- CLOSING DEVICES.
13. ENTIRE ALTERATION, INCLUDING INSULATION OF NEW PLUMBING PIPES AND VENT DUCTS, TO COMPLY WITH THE NEW YORK STATE ENERGY CODE.
14. CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY AND ALL DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THAT PORTION OF THE WORK. FAILURE TO NOTIFY THE ARCHITECT WILL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO PERFORM THE WORK AS INTENDED BY THE CONTRACT DOCUMENTS.
15. CONTRACTOR TO OBTAIN FENCE PERMIT PRIOR TO THE START OF CONSTRUCTION AND TO INFORM ADJOINING NEIGHBORS BY LETTER AT LEAST 5 DAYS PRIOR TO THE START OF CONSTRUCTION
16. FLOOR TILES SHALL BE THIN SET CERAMIC, UNLESS OTHERWISE NOTED.
17. CONTRACTOR ASSUMES RESPONSIBILITY FOR ALL CONCRETE TESTING UNLESS OTHERWISE NOTED IN THE DRAWINGS.
18. WHERE EXISTING BEARING WALLS, BEAMS OR ANY OTHER STURCTURAL SUPPORT OF THE EXISTING BUILDING IS BEING REMOVED, CONTRACTOR SHALL DO ALL NECESSARY SHORING, NEEDLING, UNDERPINNING, ETC. AS REQUIRED TO MAINTAIN THE SAFETY OF THE STRUCTURE, THE WORKERS, AND THE GENERAL PUBLIC.
19. COMPLY WITH LOCAL LAW 17/95 FOR EARTHQUAKES

CONTROLLED INSPECTIONS

CONCRETE CAST- CAST-IN-PLACE	BC 1704.4
MASONRY	BC 1704.5
SOILS - SITE PREPARATION	BC 1704.7.1
SOILS - INVENSTIGATIONS (BORINGS/TEST PITS)	BC 1704.7.4 (TR4)
UNDERPINNING	BC 1704.9.1
WALL PANELS, CURTAIN WALLS, AND VENEERS	BC 1704.10
EXTERIOR INSULATION FINISH SYSTEMS (EIFS)	BC 1704.12
MECHANICAL SYSTEMS	BC 1704.15
EXCAVATION - SHEETING, SHORING, AND BRACING	BC 1704.19, BC 3304.4.1
SITE STORM DRAINAGE DISPOSAL AND DETENTION SYSTEM INSTALLATION	BC 1704.20
SPRINKLER SYSTEMS	BC 1704.21
STANDPIPE SYSTEMS	BC 1704.22
HEATING SYSTEMS	BC 1704.23
CHIMNEYS	BC 1704.24
FIRESTOP, DRAFTSTOP, AND FIREBLOCK SYSTEMS	BC 1704.25
SEISMIC ISOLATION SYSTEMS	BC 1707.8
CONCRETE TEST CYLINDERS	BC 1905.6 (TR2)
CONCRETE DESIGN MIX	BC 1905.3 (TR3)
FOOTING AND FOUNDATION	BC 109.3.1
FRAME INSPECTION	BC 109.3.3
ENERGY CODE COMPLIANCE INSPECTIONS	BC109.3.5 (TR8)
FIRE-RESISTANCE RATED CONSTRUCTION	BC 109.3.4
SPRAYED FIRE-RESISTANT MATERIALS	BC 1704.11

1. ALL OTHER CONTROLLED INSPECTIONS AS LISTED ON RELEVANT DRAWINGS.
2. CONTROLLED INSPECTIONS ARE TO BE PERFORMED BY A LICENSED PROFESSIONAL ENGINEER OR A REGISTERED ARCHITECT, RETAINED BY THE OWNER AND ACCEPTABLE TO THE ARCHITECT OF RECORD. THE BUILDER OR CONTRACTOR SHALL BE RESPONSIBLE FOR RETAINING, COORDINATING, AND SCHEUDLING ALL INSPECTIONS. ALL INSPECTIONS TO BE MADE PRIOR TO PROCEEDING FURTHER WITH THE WORK. IF WORK OR MATERIALS SUBJECT TO CONTROLLED INSPECTION ARE COVERED UP BEFORE THE CONTROLLED INSPECTION OCCURS, SUCH WORK SHALL BE ENTIRELY UNCOVERED UNDER THE SUPERVISION OF THE ENGINEER, ARCHITECT OR HIS/HER REPRESENTATIVE. THE ARCHITECT OR ENGINEER SHALL SEE THAT ALL WORK UNDER THEIR INSPECTION COMPLIES WITH THE APPROVED PLANS.
3. A LOG OR OTHER DOCUMENTATION SHALL BE MAINTAINED AT THE JOB SITE STATING WHEN ALL CONTROLLED INSPECTIONS WERE PERFORMED, THE IDENTITY OF THE INSPECTOR, AND THE SCOPE OF THE WORK WHICH WAS PERFORMED.
4. WHEN A "TR-1, 2, 3, OR 4" CONTROLLED INSPECTION FORM IS FILED WITH THE BUILDING DEPARTMENT, SUCH FORM SHALL BE ACCOMPANIED BY A REPORT WHICH SHALL INCLUDE THE DATES OF INSPECTIONS, THE IDENTITY OF THE INSPECTOR, AND THE SCOPE OF THE WORK WHICH WAS OBSERVED. REPORTS SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW AND RECORD.
5. WHEN A TRADE INSTALLING MECHANICAL WORK CAUSES STRUCTURAL MEMBERS OR RATED ASSEMBLIES TO LOSE THEIR INTEGRITY, REPAIRS SHALL BE PERFORMED UNDER THE SUPERVISION OF A DESIGNATED PERSON.
6. BUILDING DEPARTMENT INSPECTORS SHALL REVIEW RECORDS AT JOB SITES TO MAKE CERTAIN THAT THERE IS ADEQUATE SELF-INSPECTION.

Project
69 EAST 125TH ST.
NEW YORK, NY 10035

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MEP ENGINEER: SHARON ENGINEERING, 3427 Steinway Street, Long Island City, NY 11101
INTERIOR DESIGN:
LANDSCAPE DESIGN:

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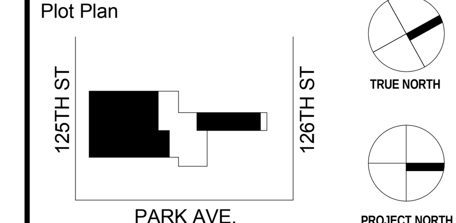
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title
GENERAL NOTES

Sign & Seal
REGISTERED ARCHITECT
DANIEL KENNETH BERNSTEIN
16854
STATE OF NEW YORK

Drawing No.
G-100.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/16" = 1'-0"	Checked by KBA	DOB sheet 6 OF 62

DOB NUMBER

SMOKE / CO2 DETECTORS

1. ALL SMOKE AND CARBON MONOXIDE DETECTORS TO COMPLY WITH NEW YORK CITY LOCAL LAW 7/2004.
2. EACH DWELLING UNIT SHALL BE EQUIPPED WITH AN APPROVED TYPE SMOKE DETECTION DEVICE AND A SEPARATE OR COMBINED CARBON MONOXIDE DEVICE RECEIVING ITS PRIMARY POWER FROM BUILDING WIRING WITH NO SWITCH IN CIRCUIT OTHER THAN THE OVERCIRCUIT PROTECTING THE BRANCH CIRCUIT AS PER APPLICABLE BUILDING CODES.
3. SMOKE DETECTOR SHALL BE EITHER THE IONIZATION CHAMBER TYPE OR THE PHOTOELECTRIC TYPE AS PER APPLICABLE BUILDING CODES.
4. ALL SMOKE & CO□ DETECTORS MUST BE INSTALLED WITHIN 15 FEET OF ENTRANCE OF ANY SLEEPING ROOM WALL OR CEILING MOUNTED AND INDICATED ON PLANS AS PER NYC BUILDING CODE, APPENDIX Q, FIRE CODE AND ELECTRICAL CODE.
5. A CERTIFICATE OF SATISFACTORY INSTALLATION SHALL BE FILED WITH THE DIVISION OF CODE ENFORCEMENT 10 DAYS AFTER THE INSTALLATION IS COMPLETE.

NYS ENERGY NOTES

1. TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE LATEST EDITION OF THE ENERGY CONSERVATION CONSTRUCTION CODE OF THE STATE OF NEW YORK. SEE ENERGY CALCULATION SHEETS.

HANDICAP COMPLIANCE NOTES

NYC BUIDING CODE, APPENDIX P, ANSI ICC 117.1-2003

1. ALL HALLS, CORRIDORS, AISLES AND OTHER SPACES THAT ARE A PART OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH ANSI A 117.1-2003.
2. ALL DWELLING UNIT BATHROOMS SHALL COMPLY WITH NYC BUILDING CODE, APPENDIX P, ANSI ICC 117.1-2003.
3. SPACE ALLOWANCE AND REACH RANGES AT ALL ROOMS AND SPACES SHALL COMPLY WITH ANSI 308.2. REACH RANGES TO BE:
   FORWARD REACH HEIGHT: MIN. 15 IN.
   (308.2) MAX. 48 IN. (UNOBSTRUCTED) MAX. 44 IN. (OBSTRUCTED)
   SIDE REACH HEIGHT: MIN. 15 IN.
   (308.3) MAX. 48 IN. (UNOBSTRUCTED) MAX. 34" - 48" (OBSTRUCTED)
4. GROUND AND FLOOR SURFACES ALONG ACCESSIBLE ROUTES AND IN ROOMS AND SPACES INCLUDING FLOORS, WALLS, AND STAIRS SHALL BE STABLE, FIRM AND SLIP RESISTANT AND COMPLY WITH 302.
5. ALL THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 1/2" AND SHALL COMPLY WITH THE REQUIREMENTS OF 303.
6. ALL DOORS TO ACCESSIBLE SPACES SHALL COMPLY WITH 404.
7. ALL HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES AT ENTRANCE DOORS AND AT PUBLIC SPACES SHALL COMPLY WITH 404.2.6. IF A DOOR CLOSER IS REQUIRED IT SHALL COMPLY WITH 404.2.7.
8. ALL ACCESSIBLE STORAGE FACILITIES SUCH AS CABINETS, SHELVES, CLOSETS AND DRAWERS SHALL COMPLY WITH 905.
9. ALL CONTROLS AND OPERATING MECHANISMS FOR LIGHT SWITCHES, DISPENSERS AND ALARMS SHALL BE ACCESSIBLE AND COMPLY WITH 309.
10. ALL EMERGENCY WARNING SYSTEMS SHALL COMPLY WITH 702.
11. ALL SIGNAGE THAT PROVIDES INFORMATION OR GENERAL CIRCULATION DIRECTION OR IDENTIFIES ROOMS OR SPACES SHALL COMPLY WITH 703. SYMBOLS OF ACCESSIBILITY SHALL BE PROVIDED AT PUBLIC TOILETS.
12. ALL TOILET ROOMS PROVIDED FOR COMMON USE SHALL COMPLY WITH THE REQUIREMENTS SET FORTH IN NYC BUILDING CODE AND ANSI 117.1-2003.

LIGHT & AIR CALCULATIONS

58 EAST 126TH STREET

UNIT NO.	RM. NO.	RM. SF.	REQ. LIGHT SF.	PROPOSED LIGHT SF.	REQ. AIR SF	PROPOSED AIR SF.
2B	1B-01	104	10.4	27.22	5.2	31.08
	2B-01 & 2B-02	255	25.5	28.55	12.75	13.22
	2B-03	86	8.6	45.94	4.3	24.55
2A	2A-01 & 2A-02	322	32.2	62.83	16.1	26.44
3B	3B-01 & 3B-02	274	27.4	34.26	13.7	33.83
	3B-03	102	10.2	45.94	5.1	24.55
3A	3A-01 & 3A-02	340	34	62.83	17	26.44
4A-5A	4A-5A-01 & 4A-4A-02	300	30	34.16	15	15.11
	4A-5A-03	108	10.8	28.55	5.4	13.22
	4A-5A-04	114	11.4	45.94	5.7	24.55
	4A-5A-05	92	9.2	34.28	4.6	24.55
6B	6B-01 & 6B-02	277	27.7	34.26	13.85	33.83
	6B-03	103	10.3	45.94	5.15	24.55
	7B-01	92	9.2	27.22	4.6	31.08
	7B-02	102	10.2	28.55	5.1	13.22
6A	6A-01 & 6A-02	339	33.9	62.83	16.95	26.44

69 EAST 125TH STREET

UNIT NO.	RM. NO.	RM. SF.	REQ. LIGHT SF.	PROPOSED LIGHT SF.	REQ. AIR SF	PROPOSED AIR SF.
2ND FLOOR						
2B	2B-01	384	38.4	75.58	19.2	32.3
2C	2C-01 & 2C-02	298	29.8	37.79	14.9	16.15
	2C-04	144	14.4	37.79	7.2	16.15
	2C-05	148	14.8	37.79	7.4	16.15
2D	2D-01 & 2D-02	255	25.5	37.79	12.75	16.15
	2D-04	122	12.2	37.79	6.1	16.15
2E	2E-01 & 2E-02	257	25.7	35.07	12.85	34.92
	2E-05	123	12.3	37.79	6.15	16.15
2F	2F-01 & 2F-02	334	33.4	35.37	16.7	34.92
	2F-04	163	16.3	37.79	8.15	16.15
3RD FLOOR						
3A	3A-01 & 3A-02	290	29.0	58.81	14.5	46.25
3B	3B-01 & 3B-02	386	38.6	75.58	19.3	32.3
3C	3C-01 & 3C-02	307	30.7	37.79	15.85	16.15
	3C-04	142	14.2	37.79	7.1	16.15
	3C-05	148	14.8	37.79	7.4	16.15
3D	3D-01 & 3D-02	294	29.4	37.79	14.7	16.15
	3D-04	139	13.9	37.79	6.95	16.15
3E	3E-01 & 3E-02	296	29.6	42.37	14.8	34.92
	3E-04	181	18.1	37.79	9.05	16.15
3F	3F-01 & 3F-02	275	27.5	42.37	13.75	34.92
	3F-05	92	9.2	37.79	4.6	16.15
4TH FLOOR - 8TH FLOOR						
4A	4A-01 & 4A-02	299	29.9	58.81	14.95	46.25
4B	4B-01 & 4B-02	365	36.5	75.58	18.25	32.3
4C	4C-01 & 4C-02	310	31.0	37.79	15.5	16.15
	4C-04	142	14.2	37.79	7.1	16.15
	4C-05	148	14.8	37.79	7.4	16.15
4D	4D-01 & 4D-02	294	29.4	37.79	14.7	16.15
	4D-04	139	13.9	37.79	6.95	16.15
4E	4E-01 & 4E-02	296	29.6	42.37	14.8	34.92
	4E-04	116	11.6	37.79	5.8	16.15
4F	4F-01 & 4F-02	312	31.2	42.37	15.6	34.92
4G	4G-01 & 4G-02	406	40.6	103.64	20.3	63.65
9TH - 10TH FLOOR						
9A	9A-01 & 9A-02	344	34.4	57.8	17.2	46.33
	9A-04	155	15.5	41.36	7.75	35
9B	9B-01 & 9B-02	246	24.6	37.79	12.3	16.15
	9B-04	113	11.3	37.79	5.65	16.15
9C	9C-01 & 9C-02	304	30.4	83.1	15.2	63.65
9D	9D-01 & 9D-02	276	27.6	31.09	13.8	35
	9D-04	112	11.2	37.79	5.6	16.15
	9D-05	166	16.6	37.79	8.3	16.15
9E	9E-01 & 9E-02	318	31.8	41.36	15.9	35
	9E-04	122	12.2	37.79	6.1	16.15
9F	9F-01 & 9F-02	271	27.1	41.36	13.55	35
	9F-04	133	13.3	37.79	6.65	16.15
11TH - 12TH FLOOR						
11A	11A-01 & 11A-02	327	32.7	57.8	16.35	46.33
	11A-04	169	16.9	41.36	8.45	35
11B	11B-01 & 11B-02	285	28.5	83.1	14.25	63.65
	11B-04	145	14.5	37.79	7.25	16.15
	11B-05	104	10.4	28.44	5.2	25
11C	11C-01 & 11C-02	269	26.9	31.09	13.45	35
	11C-04	179	17.9	37.79	8.95	16.15
	11C-05	115	11.5	37.79	5.75	16.15
11D	11D-01 & 11D-02	263	26.3	41.36	13.15	35
	11D-04	129	12.9	37.79	6.45	16.15
11E	11E-01 & 11E-02	266	26.6	41.36	13.3	35
	11D-04	145	14.5	37.79	7.25	16.15

ENERGY CODE PROGRESS INSPECTION

PROTECTION OF FOUNDATION INSULATION	(IA1), (IIA1)
INSULATION PLACEMENT AND R VALUES	(IA2), (IIA2)
FENESTRATION THERMAL VALUES AND RATINGS	(IA3), (IIA3)
FENESTRATION RATINGS FOR AIR LEAKAGE	(IA4), (IIA4)
FENESTRATION AREAS	(IA5), (IIA5)
AIR SEALING AND INSULATION - VISUAL	(IA6), (IIA6)
VESTIBULES	(IIA9)
DAMPERS INTEGRAL TO BUILDING ENVELOPE	(IB2), (IIB2)
HVAC AND SERVICE WATER HEATING EQUIPMENT	(IB3), (IIB3)
HVAC AND SERVICE WATER HEATING SYSTEM CONTROLS	(IB4), (IIB4)
DUCT PLENUM AND PIPING INSULATION AND SEALING	(IB5), (IIB5)
DUCT LEAKAGE TESTING	(IB6), (IIB6)
ELECTRICAL METERING	(IC1), (IIC1)
LIGHT IN DWELLING UNITS	(IC2), (IIC2)
INTERIOR LIGHTING POWER	(IIC3)
EXTERIOR LIGHTING POWER	(IIC4)
EXIT SIGNS	(IIC6)
ELECTRICAL MOTORS	(IIC8)
MAINTENANCE INFORMATION	(ID1), (IID2)

ABBREVIATIONS

AFF	above finished floor
ACT	acoustical tile
ADJ	adjacent
A/C	air conditioning
ALT	alternate
AL	aluminum
AS	aluninum saddle
ANOD	anodized
APX	approximate
ARCH	architect
AD	area drain
ASPH	asphalt
BIT	bituminous
BLK	block
BLKG	blocking
BOT	bottom
BOS	bottom of steel
BRK	brick
BLDG	building
BL	building line
CAB	cabinet
CPT	carpet
CIPC	cast-in-place concrete
CST	cast stone
CB	catch basin
CK	calk (ing), caulk (ing)
CLG	ceiling
CH	ceiling height
CEM	cement
CT	ceramic tile
CLR	clear (ance)
COL	column
CONC	concrete
CMU	concrete masonry unit
CONST	construction
CONTR	contract (or)
CJ	control joint
CPG	coping
CORR	corridor
CFL	counterflashing
CRS	course (s)
CY	cubic yard
DEM	demolish, demolition
DET	detail
DIAM	diameter
DIM	dimension
DN	down
DS	downspout
D	drain
DWG	drawing
DF	drinking fountian
E	east
ELEC	electric (al)
EP	electrical panelboard
EL	elevation
ELEV	elevator
EMER	emergency
EQ	equal
EXIST	existing
EJ	expansion joint
FB	face brick
FOC	face of concrete
FOF	faxe of finish
FOM	face of masonry
FOS	face of studs
FF	finish face
FIN	finish (ed)
FFE	finished floor elevation
FFL	finished floor line
FE	fire extinguisher
FPSC	fire proof self-closing
FL	floor
FD	floor drain
FTG	footing
FND	foundation
FBO	furnished by others
GA	gage, gauge
GALV	galvanized
GC	general contract (or)
GL	glass, glazing
GT	glazed tile
GB	grab bar
GD	grade, grading
GWB	gypsum wall board
HDW	hardware
HDR	header
HVAC	heating/ ventilation/ air conditioning
HT	height
HP	high point
H/C	handicapped
HM	hollow metal
HB	hose bibb
HWH	hot water heater
INCL	include (d), (ing)
ID	inside diameter
INT	interior
INV	invert
JC	janitor's closet
JT	joint
KIT	kitchen
KO	knockout
LC	linen closet
MH	manhole
MFR	manufacturer
MS	marble saddle
MAS	masonry
MO	masonry opening
MTL	metal
MAX	maxium
MECH	mechanic (al)
MIN	minimum
MISC	miscellaneous
MT	mount (ed), (ing)
NRC	noise reduction coefficient
NOM	nominal
N	north
NIC	not in contract
NTS	not to scale
OC	on center (s)
OPG	opening
OPP	opposite
OD	outside diameter
PTD	paint (ed)
PNL	panel
PVMT	pavement
PLAM	plastic laminate
PL	plate
PWD	plywood
PT	point
PSF	pounds per square foot
PSI	pounds per square inch
PC	precast concrete
PL	property line
RAD	radius
REG	register
RE	reinforce (d), (ing)
REQ	required
RES	resistant
RET	retum
REV	revision (s), revised
RH	right hand
R	riser
RD	roof drain
RM	room
RO	rough opening
SCH	schedule
SEC	section
SHT	sheet
SIM	similar
S	south
SPEC	specification (s)
SQ	square
SST	stainless steel
STD	standard
ST	steel
TEL	telephone
THK	thick (ness)
TOP	top of parapet
TYP	typical
UON	unless otherwise noted
VERT	vertical
VCT	vinyl composition tile
VB	vinyl base
VIF	verify in field
WSCT	wainscot
WC	water closet
WP	waterproofing
WR	water resistant
WS	weather strip (ing)
WWF	welded wire fabric
W	west
W/	with
WO	without
WD	wood

SYMBOLS

- SMOKE DETECTOR
- CARBON MONOXIDE/SMOKE DETECTOR
- EXIT LIGHT & SIGN
- GRADE ELEVATION
- BUILDING ELEVATION
- WALL ELEVATION / SECTION
- DETAIL NO. SHEET NO.
- PARTITION TYPE
- DOOR TYPE
- WINDOW TYPE

TO BE FILED SEPARATELY

01) PLUMBING
02) MECHANICAL
03) BOILER
04) STANDPIPE
05) SPRINKLER
06) FIRE ALARM
07) SHED
08) DEMOLITION
09) BUILDERS PAVEMENT PLAN
10) ELEVATOR

Project
69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER: GREYSTONE 152 West 57th Street 60th Floor New York NY 10019
STRUCTURAL ENGINEER: SHARON ENGINEERING 3427 Steinway Street Long Island City, NY 11101
MEP ENGINEER: SHARON ENGINEERING 3427 Steinway Street Long Island City, NY 11101
INTERIOR DESIGN:
LANDSCAPE DESIGN:

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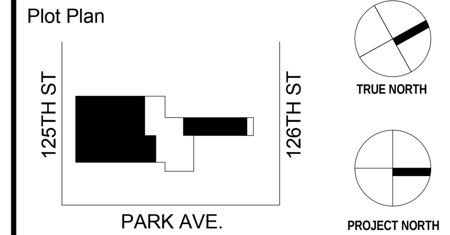
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

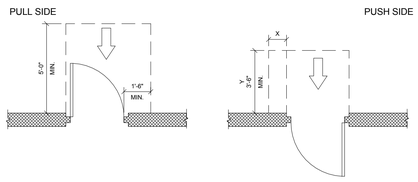
Drawing Title
BUILDING CODE ANALYSIS

Sign & Seal: REGISTERED ARCHITECT DANIEL KENNETH BERNSTEIN 16854 STATE OF NEW YORK

Drawing No. G-101.00

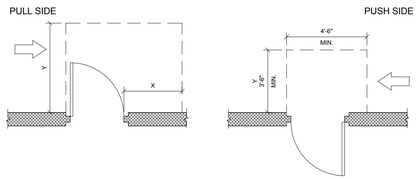
01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/16" = 1'-0"	Checked by KBA	DOB sheet 7 OF 62

DOB NUMBER



NOTE: X = 12 IN. MIN. IF DOOR HAS BOTH A LATCH AND A CLOSER

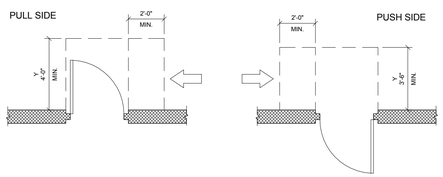
FRONT APPROACHES - SWINGING DOORS
N.T.S



NOTE: X = 36 IN. MIN. IF Y = 60 IN.; X = 42 IN. MIN. IF Y = 54 IN.

NOTE: X = 48 IN. MIN. IF DOOR HAS BOTH A LATCH AND A CLOSER

HINGE SIDE APPROACHES - SWINGING DOORS
N.T.S

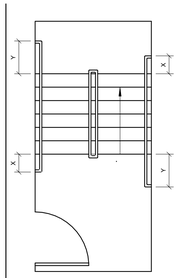


NOTE: Y = 54 IN. (1220 MM) MIN. IF THE DOOR HAS A CLOSER

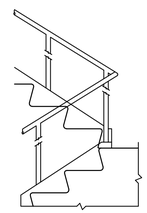
NOTE: Y = 48 IN. (1220 MM) MIN. IF THE DOOR HAS A CLOSER

LATCH SIDE APPROACHES - SWINGING DOORS
N.T.S

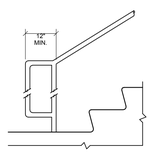
SADDLE
N.T.S



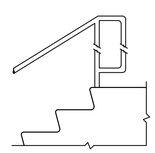
PLAN



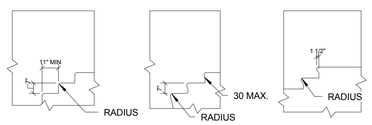
ELEVATION OF CENTER HANDRAIL



EXTENSION AT BOTTOM OF RUN

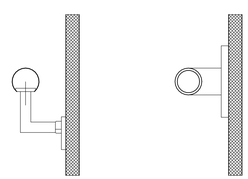


EXTENSION AT TOP OF RUN



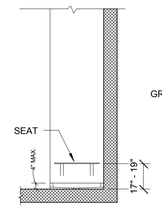
(A) FLUSH RISER (B) ANGLED NOSING (C) BEVELED NOSING

USABLE TREAD WIDTH AND EXAMPLES OF ACCEPTABLE NOSING
N.T.S

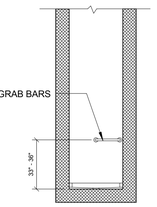


HANDRAIL
N.T.S

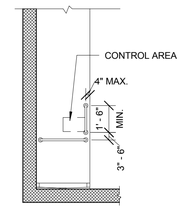
GRAB BAR
N.T.S



SEAT WALL

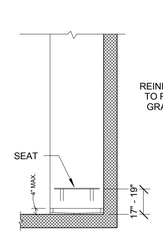


BACK WALL



CONTROL WALL

ACCESSIBLE SHOWERS
N.T.S



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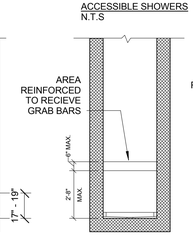

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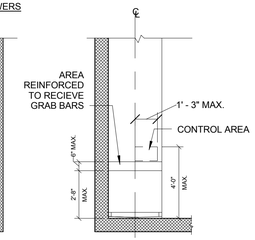
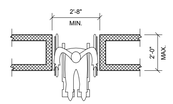


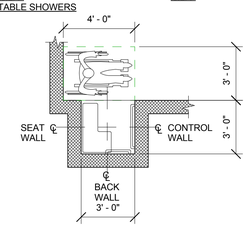
CONTROL WALL

ADAPTABLE SHOWERS
N.T.S

60-IN DIAMETER SPACE
N.T.S



CLEAR DOORWAY WIDTH AND DEPTH
N.T.S



TRANSFER TYPE SHOWER COMPARTMENT SIZE AND CLEARANCE
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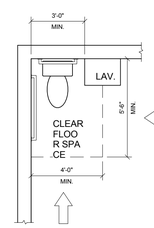

CLEAR FLOOR SPACE AT WATER CLOSETS
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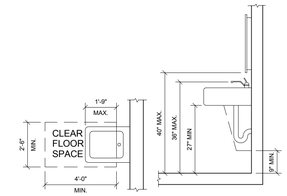
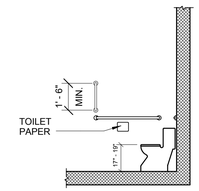
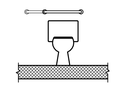


CLEAR ANCE AT LAVATORIES
N.T.S

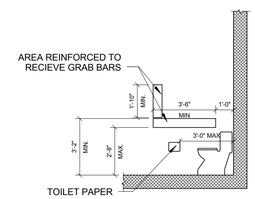


SIDE WALL



BACK WALL

ACCESSIBLE WATER CLOSETS
N.T.S



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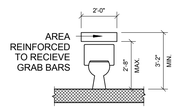

BACK WALL

ADAPTABLE WATER CLOSETS
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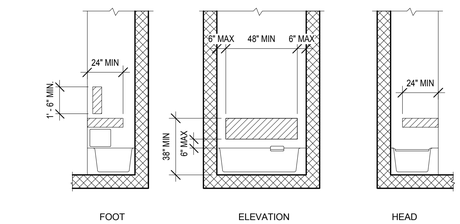
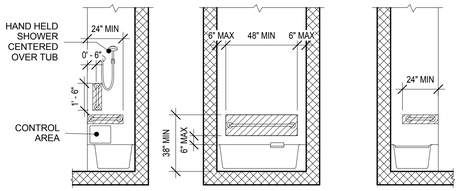


FOOT ELEVATION HEAD

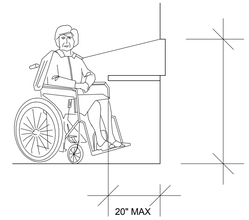


FOOT ELEVATION HEAD

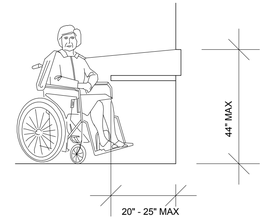
NOTE: Y = 54 IN. (1220 MM) MIN. IF THE DOOR HAS A CLOSER

NOTE: Y = 48 IN. (1220 MM) MIN. IF THE DOOR HAS A CLOSER

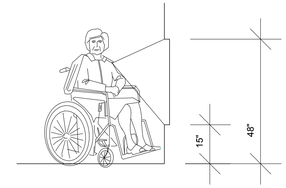
LATCH SIDE APPROACHES - SWINGING DOORS
N.T.S

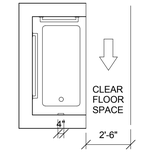


OBSTRUCTED HIGH FORWARD REACH

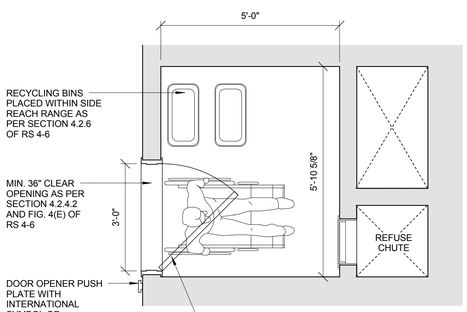


UNOBSTRUCTED FORWARD + SIDE REACH

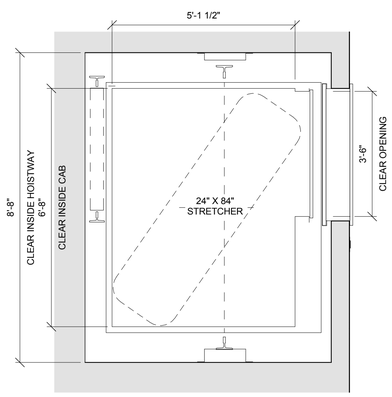




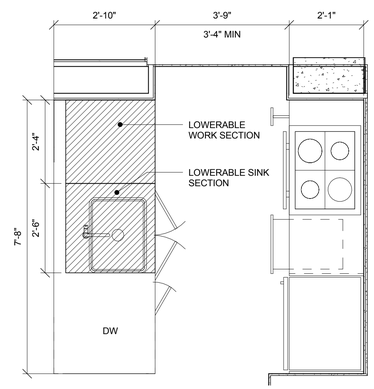
CLEAR FLOOR SPACE AT BATHTUB WITH SEAT IN TUB
N.T.S



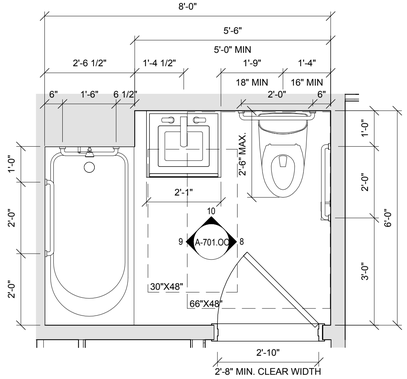
1 TYP. REFUSE DISPOSAL/STORAGE RM
1/2" = 1'-0"



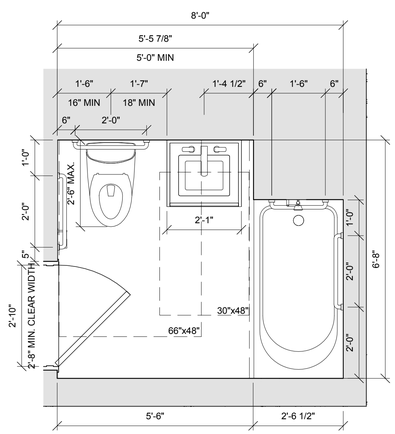
2 ELEVATOR FLOOR PLAN
1/2" = 1'-0"



3 ADAPTABLE KITCHEN TYP.
1/2" = 1'-0"



4 ADAPTABLE BATHROOM TYP.
1/2" = 1'-0"



5 ADAPTABLE BATHOOM TYP.
1/2" = 1'-0"

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

LANDSCAPE DESIGN:

INTERIOR DESIGN:

MEP ENGINEER: SHARON ENGINEERING 35 Pine Hollow Road Long Island City, NY 11101

STRUCTURAL ENGINEER: SHARON ENGINEERING 35 Pine Hollow Road Long Island City, NY 11101

OWNER: CORETSTONE 125 East 125th Street 6th Floor New York, NY 10019

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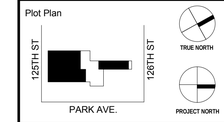
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

ADA NOTES

Sign & Seal

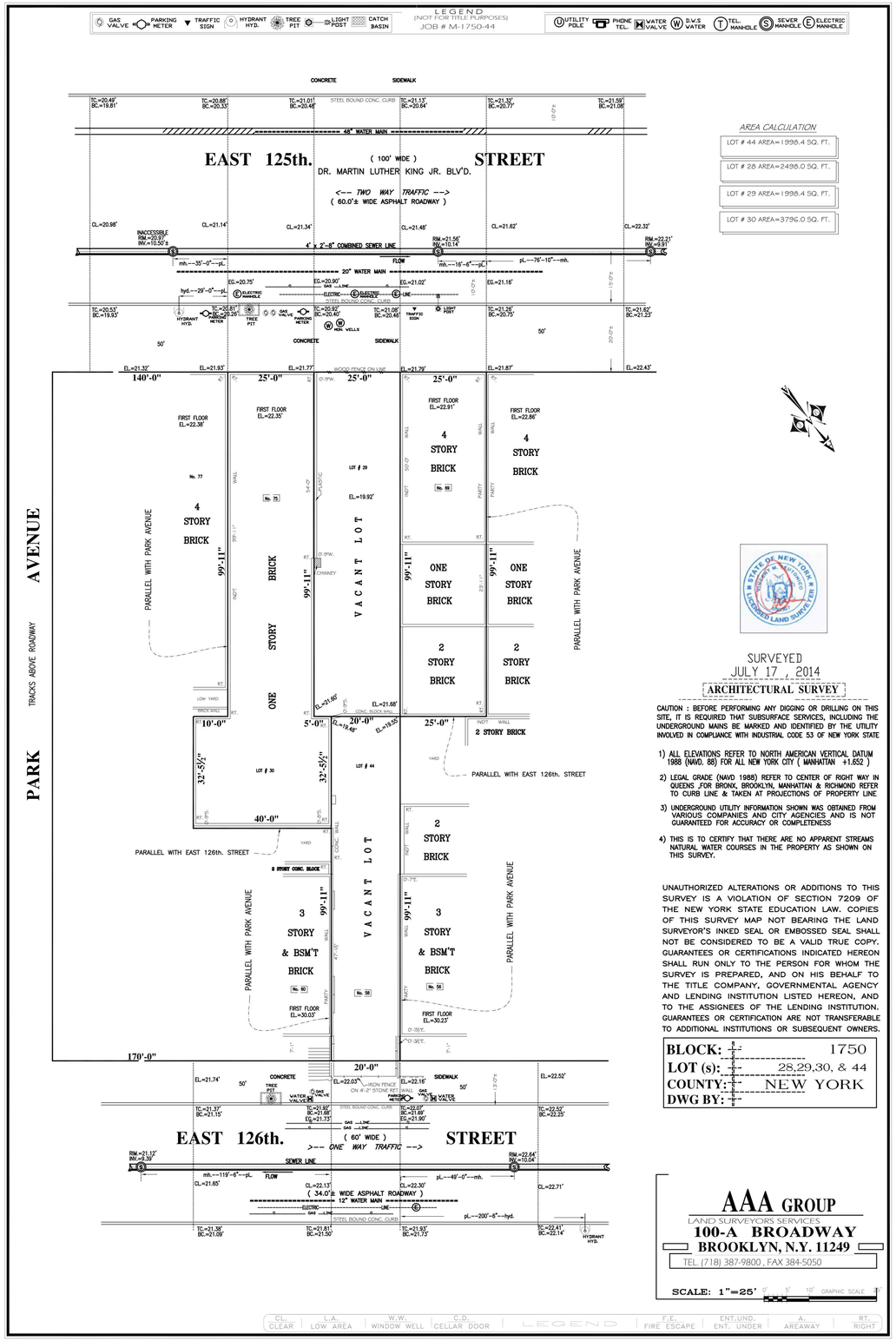
REGISTERED ARCHITECT KUTNICKI BERNSTEIN 18654 STATE OF NEW YORK

Drawing No.

G-102.00

Date	Drawn by	Job No.
01/29/15	KBA	2014-079
Sheet scale	Checked by	DOB sheet
As indicated	KBA	8 OF 62

DOB NUMBER



AREA CALCULATION

LOT # 44 AREA=1998.4 SQ. FT.
LOT # 28 AREA=2498.0 SQ. FT.
LOT # 29 AREA=1998.4 SQ. FT.
LOT # 30 AREA=3796.0 SQ. FT.

SURVEYED
JULY 17 , 2014

ARCHITECTURAL SURVEY

CAUTION : BEFORE PERFORMING ANY DIGGING OR DRILLING ON THIS SITE, IT IS REQUIRED THAT SUBSURFACE SERVICES, INCLUDING THE UNDERGROUND MAINS BE MARKED AND IDENTIFIED BY THE UTILITY INVOLVED IN COMPLIANCE WITH INDUSTRIAL CODE 53 OF NEW YORK STATE

1) ALL ELEVATIONS REFER TO NORTH AMERICAN VERTICAL DATUM 1988 (NAVD. 88) FOR ALL NEW YORK CITY (MANHATTAN +1.652)

2) LEGAL GRADE (NAVD 1988) REFER TO CENTER OF RIGHT WAY IN QUEENS ,FOR BRONX, BROOKLYN, MANHATTAN & RICHMOND REFER TO CURB LINE & TAKEN AT PROJECTIONS OF PROPERTY LINE

3) UNDERGROUND UTILITY INFORMATION SHOWN WAS OBTAINED FROM VARIOUS COMPANIES AND CITY AGENCIES AND IS NOT GUARANTEED FOR ACCURACY OR COMPLETENESS

4) THIS IS TO CERTIFY THAT THERE ARE NO APPARENT STREAMS NATURAL WATER COURSES IN THE PROPERTY AS SHOWN ON THIS SURVEY.

UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS SURVEY IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW. COPIES OF THIS SURVEY MAP NOT BEARING THE LAND SURVEYOR'S INKED SEAL OR EMBOSSED SEAL SHALL NOT BE CONSIDERED TO BE A VALID TRUE COPY. GUARANTEES OR CERTIFICATIONS INDICATED HEREON SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED, AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON, AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. GUARANTEES OR CERTIFICATION ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.

BLOCK:	1750
LOT (s):	28,29,30, & 44
COUNTY:	NEW YORK
DWG BY:	

AAA GROUP
LAND SURVEYORS SERVICES
100-A BROADWAY
BROOKLYN, N.Y. 11249
TEL (718) 387-9800 , FAX 384-5050

SCALE: 1"=25' 0' 5' 10' GRAPHIC SCALE 25'

CL. CLEAR | L.A. LOW AREA | W.W. WINDOW WELL | C.D. CELLAR DOOR | LEGEND | F.E. FIRE ESCAPE | ENT.UND. ENT. UNDER | A. AREAWAY | RT. RIGHT

1 SURVEY
N.T.S.

Project
69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER: FORTESTONE 125 EAST 125th Street 6th Floor New York, NY 10019

STRUCTURAL ENGINEER: SHARON ENGINEERING 35-07 Ditmars Street Long Island City, NY 11101

MEP ENGINEER: SHARON ENGINEERING 35-07 Ditmars Street Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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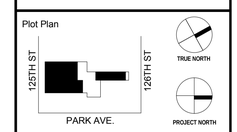
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

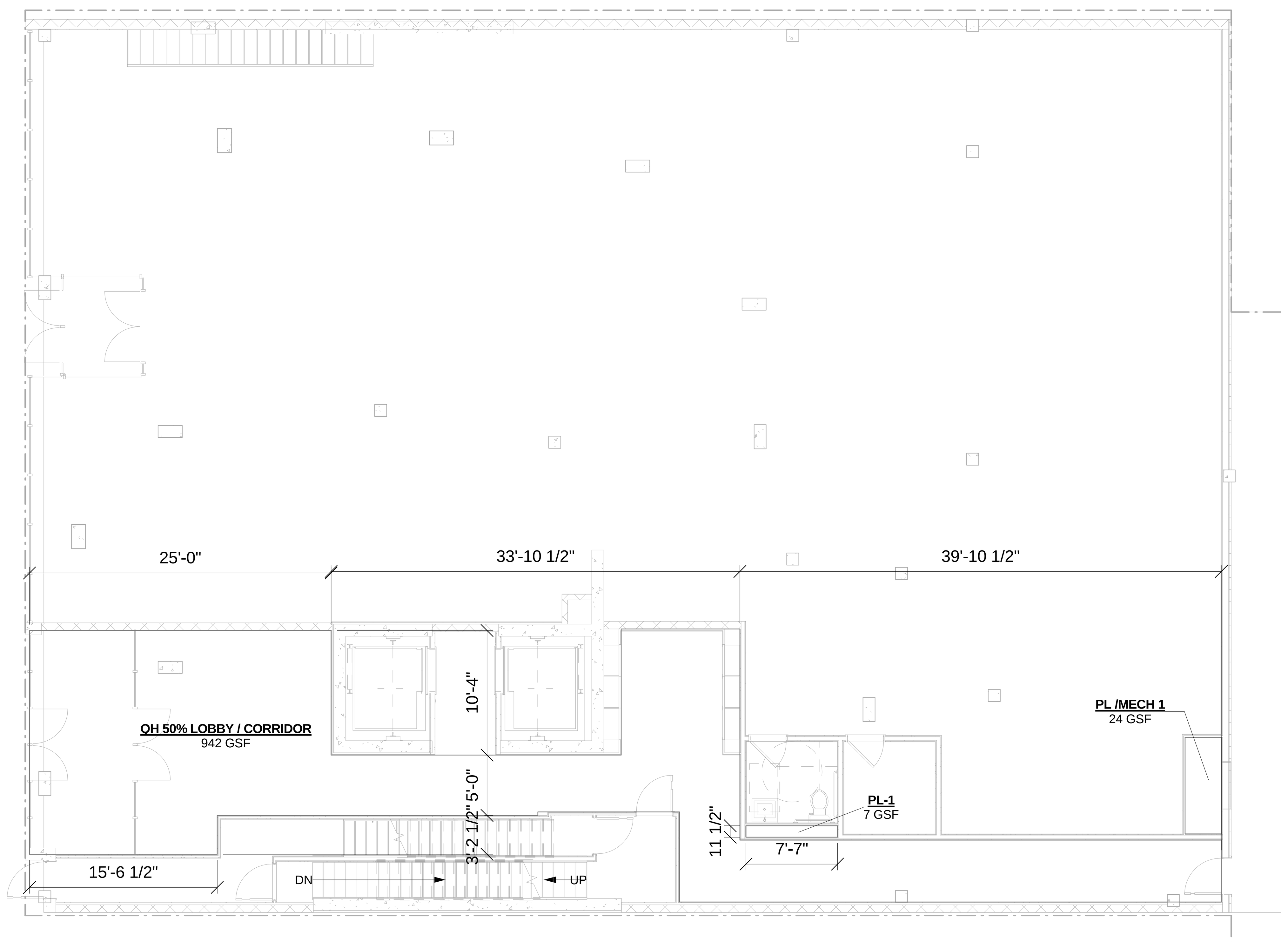
Drawing Title
SURVEY

Sign & Seal

Drawing No.
G-200.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1" = 20'-0"	Checked by KBA	DOB sheet 9 OF 62

DOB NUMBER



1 1ST FLOOR AREA DEDUCTIONS
1/8" = 1'-0"

QUALITY HOUSING DEDUCTIONS

Level	Name	Area
1ST FLOOR (21.89)	QH 50% LOBBY / CORRIDOR	942.00 SF
1ST FLOOR (21.89): 1		942.00 SF
2ND FLOOR (33.89)	QH 12SF DEDUCTION - TRASH CHUTE	12.00 SF
2ND FLOOR (33.89)	QH 50% DEDUCTION - CORRIDOR	361.00 SF
2ND FLOOR (33.89)	QH DEDUCTION - RECREATION	984.50 SF
2ND FLOOR (33.89): 3		1357.75 SF
3RD FLOOR (43.64)	QH 12SF DEDUCTION - TRASH CHUTE	12.00 SF
3RD FLOOR (43.64)	QH 50% DEDUCTION - CORRIDOR	356.50 SF
3RD FLOOR (43.64): 2		368.50 SF
4TH FLOOR (53.39)	QH 12SF DEDUCTION - TRASH CHUTE	12.00 SF
4TH FLOOR (53.39)	QH 50% DEDUCTION - CORRIDOR	356.50 SF
4TH FLOOR (53.39): 2		368.50 SF
5TH FLOOR (63.14)	QH 12SF DEDUCTION - TRASH CHUTE	12.00 SF
5TH FLOOR (63.14)	QH 50% DEDUCTION - CORRIDOR	356.50 SF
5TH FLOOR (63.14): 2		368.50 SF
6TH FLOOR (72.89)	QH 12SF DEDUCTION - TRASH CHUTE	12.00 SF
6TH FLOOR (72.89)	QH 50% DEDUCTION - CORRIDOR	356.50 SF
6TH FLOOR (72.89): 2		368.50 SF

QUALITY HOUSING DEDUCTIONS

Level	Name	Area
7TH FLOOR (82.64)	QH 12SF DEDUCTION - TRASH CHUTE	12.00 SF
7TH FLOOR (82.64)	QH 50% DEDUCTION - CORRIDOR	342.50 SF
7TH FLOOR (82.64): 2		354.50 SF
8TH FLOOR (92.39)	QH 12SF DEDUCTION - TRASH CHUTE	12.00 SF
8TH FLOOR (92.39)	QH 50% DEDUCTION - CORRIDOR	342.50 SF
8TH FLOOR (92.39): 2		354.50 SF
9TH FLOOR (102.14)	QH 12SF DEDUCTION - TRASH CHUTE	12.00 SF
9TH FLOOR (102.14)	QH 50% DEDUCTION - CORRIDOR	305.75 SF
9TH FLOOR (102.14): 2		317.75 SF
10TH FLOOR (111.89)	QH 12SF DEDUCTION - TRASH CHUTE	12.00 SF
10TH FLOOR (111.89)	QH 50% DEDUCTION - CORRIDOR	305.75 SF
10TH FLOOR (111.89): 2		317.75 SF
11TH FLOOR (121.64)	QH 12SF DEDUCTION - TRASH CHUTE	11.75 SF
11TH FLOOR (121.64)	QH 50% DEDUCTION - CORRIDOR	322.00 SF
11TH FLOOR (121.64): 2		333.75 SF
12TH FLOOR (131.72)	QH 12SF DEDUCTION - TRASH CHUTE	11.75 SF
12TH FLOOR (131.72)	QH 50% DEDUCTION - CORRIDOR	322.00 SF
12TH FLOOR (131.72): 2		333.75 SF

PLUMBING & MECHANICAL DEDUCTIONS

Level	Name	Area
1ST FLOOR (21.89)	PL /MECH 1	24.00 SF
1ST FLOOR (21.89)	PL-1	7.25 SF
1ST FLOOR (21.89): 2		31.25 SF
2ND FLOOR (33.89)	PL-1	11.25 SF
2ND FLOOR (33.89)	PL-2	9.50 SF
2ND FLOOR (33.89)	PL-3	11.00 SF
2ND FLOOR (33.89)	PL-4	8.75 SF
2ND FLOOR (33.89)	PL-5	10.00 SF
2ND FLOOR (33.89)	PL-7	3.50 SF
2ND FLOOR (33.89)	PL-8	1.00 SF
2ND FLOOR (33.89)	PL-9	1.25 SF
2ND FLOOR (33.89)	PL-10	1.25 SF
2ND FLOOR (33.89)	PL-11	1.00 SF
2ND FLOOR (33.89)	PL-12	1.00 SF
2ND FLOOR (33.89)	PL-13	3.75 SF
2ND FLOOR (33.89)	PL-14	1.00 SF
2ND FLOOR (33.89)	PL-15	3.75 SF
2ND FLOOR (33.89)	PL-16	4.00 SF
2ND FLOOR (33.89)	PL/MECH-1	6.25 SF
2ND FLOOR (33.89)	PL/MECH-2	6.25 SF
2ND FLOOR (33.89)	PL/MECH-3	6.25 SF
2ND FLOOR (33.89)	PL/MECH-4	6.75 SF
2ND FLOOR (33.89)	PL/MECH-5	7.00 SF
2ND FLOOR (33.89)	PL/MECH-6	6.75 SF
2ND FLOOR (33.89): 21		111.50 SF
3RD FLOOR (43.64)	PL-1	9.00 SF
3RD FLOOR (43.64)	PL-2	9.50 SF
3RD FLOOR (43.64)	PL-3	14.00 SF
3RD FLOOR (43.64)	PL-4	8.25 SF
3RD FLOOR (43.64)	PL-5	11.75 SF
3RD FLOOR (43.64)	PL-6	3.50 SF
3RD FLOOR (43.64)	PL-7	8.25 SF
3RD FLOOR (43.64)	PL-8	12.00 SF
3RD FLOOR (43.64)	PL-9	2.25 SF
3RD FLOOR (43.64)	PL-10	1.50 SF
3RD FLOOR (43.64)	PL/MECH-14	6.25 SF
3RD FLOOR (43.64)	PL/MECH-15	6.50 SF
3RD FLOOR (43.64)	PL/MECH-16	6.25 SF
3RD FLOOR (43.64)	PL/MECH-17	6.75 SF
3RD FLOOR (43.64)	PL/MECH-18	6.75 SF
3RD FLOOR (43.64)	PL/MECH-19	7.00 SF
3RD FLOOR (43.64)	PL/MECH-20	7.25 SF
3RD FLOOR (43.64): 17		126.25 SF
4TH FLOOR (53.39)	PL-1	9.00 SF
4TH FLOOR (53.39)	PL-2	9.50 SF
4TH FLOOR (53.39)	PL-3	14.00 SF
4TH FLOOR (53.39)	PL-4	8.25 SF
4TH FLOOR (53.39)	PL-5	11.75 SF
4TH FLOOR (53.39)	PL-6	3.50 SF
4TH FLOOR (53.39)	PL-7	8.25 SF
4TH FLOOR (53.39)	PL-8	12.00 SF
4TH FLOOR (53.39)	PL-9	2.25 SF
4TH FLOOR (53.39)	PL-10	1.50 SF
4TH FLOOR (53.39)	PL/MECH-14	6.25 SF
4TH FLOOR (53.39)	PL/MECH-15	6.50 SF
4TH FLOOR (53.39)	PL/MECH-16	6.25 SF
4TH FLOOR (53.39)	PL/MECH-17	6.75 SF
4TH FLOOR (53.39)	PL/MECH-18	6.75 SF
4TH FLOOR (53.39)	PL/MECH-19	7.00 SF
4TH FLOOR (53.39)	PL/MECH-20	7.25 SF
4TH FLOOR (53.39): 17		126.25 SF
5TH FLOOR (63.14)	PL-1	9.00 SF
5TH FLOOR (63.14)	PL-2	9.50 SF
5TH FLOOR (63.14)	PL-3	14.00 SF
5TH FLOOR (63.14)	PL-4	8.25 SF
5TH FLOOR (63.14)	PL-5	11.75 SF
5TH FLOOR (63.14)	PL-6	3.50 SF
5TH FLOOR (63.14)	PL-7	8.25 SF
5TH FLOOR (63.14)	PL-8	12.00 SF
5TH FLOOR (63.14)	PL-9	2.25 SF
5TH FLOOR (63.14)	PL-10	1.50 SF
5TH FLOOR (63.14)	PL/MECH-14	6.25 SF
5TH FLOOR (63.14)	PL/MECH-15	6.50 SF

PLUMBING & MECHANICAL DEDUCTIONS

Level	Name	Area
5TH FLOOR (63.14)	PL/MECH-16	6.25 SF
5TH FLOOR (63.14)	PL/MECH-17	6.75 SF
5TH FLOOR (63.14)	PL/MECH-18	6.75 SF
5TH FLOOR (63.14)	PL/MECH-19	7.00 SF
5TH FLOOR (63.14)	PL/MECH-20	7.25 SF
5TH FLOOR (63.14): 17		126.25 SF
6TH FLOOR (72.89)	PL-1	9.00 SF
6TH FLOOR (72.89)	PL-2	9.50 SF
6TH FLOOR (72.89)	PL-3	14.00 SF
6TH FLOOR (72.89)	PL-4	8.25 SF
6TH FLOOR (72.89)	PL-5	11.75 SF
6TH FLOOR (72.89)	PL-6	3.50 SF
6TH FLOOR (72.89)	PL-7	8.25 SF
6TH FLOOR (72.89)	PL-8	12.00 SF
6TH FLOOR (72.89)	PL-9	2.25 SF
6TH FLOOR (72.89)	PL-10	1.50 SF
6TH FLOOR (72.89)	PL/MECH-14	6.25 SF
6TH FLOOR (72.89)	PL/MECH-15	6.50 SF
6TH FLOOR (72.89)	PL/MECH-16	6.25 SF
6TH FLOOR (72.89)	PL/MECH-17	6.75 SF
6TH FLOOR (72.89)	PL/MECH-18	6.75 SF
6TH FLOOR (72.89)	PL/MECH-19	7.00 SF
6TH FLOOR (72.89)	PL/MECH-20	7.25 SF
6TH FLOOR (72.89): 17		126.25 SF
7TH FLOOR (82.64)	PL-1	11.25 SF
7TH FLOOR (82.64)	PL-2	9.50 SF
7TH FLOOR (82.64)	PL-3	14.00 SF
7TH FLOOR (82.64)	PL-4	8.25 SF
7TH FLOOR (82.64)	PL-5	9.25 SF
7TH FLOOR (82.64)	PL-6	9.00 SF
7TH FLOOR (82.64)	PL-7	3.50 SF
7TH FLOOR (82.64)	PL-8	1.25 SF
7TH FLOOR (82.64)	PL-9	4.50 SF
7TH FLOOR (82.64)	PL-10	1.00 SF
7TH FLOOR (82.64)	PL-11	1.25 SF
7TH FLOOR (82.64)	PL-12	1.00 SF
7TH FLOOR (82.64)	PL-13	0.75 SF
7TH FLOOR (82.64)	PL/MECH-7	6.00 SF
7TH FLOOR (82.64)	PL/MECH-8	6.25 SF
7TH FLOOR (82.64)	PL/MECH-9	6.25 SF
7TH FLOOR (82.64)	PL/MECH-10	6.75 SF
7TH FLOOR (82.64)	PL/MECH-11	6.75 SF
7TH FLOOR (82.64)	PL/MECH-12	6.75 SF
7TH FLOOR (82.64)	PL/MECH-13	7.00 SF
7TH FLOOR (82.64): 20		120.25 SF
8TH FLOOR (92.39)	PL-1	11.25 SF
8TH FLOOR (92.39)	PL-2	9.50 SF
8TH FLOOR (92.39)	PL-3	14.00 SF
8TH FLOOR (92.39)	PL-4	8.25 SF
8TH FLOOR (92.39)	PL-5	9.25 SF
8TH FLOOR (92.39)	PL-6	9.00 SF
8TH FLOOR (92.39)	PL-7	3.50 SF
8TH FLOOR (92.39)	PL-8	1.25 SF
8TH FLOOR (92.39)	PL-9	4.50 SF
8TH FLOOR (92.39)	PL-10	1.00 SF
8TH FLOOR (92.39)	PL-11	1.25 SF
8TH FLOOR (92.39)	PL-12	1.00 SF
8TH FLOOR (92.39)	PL-13	0.75 SF
8TH FLOOR (92.39)	PL/MECH-7	6.00 SF
8TH FLOOR (92.39)	PL/MECH-8	6.25 SF
8TH FLOOR (92.39)	PL/MECH-9	6.25 SF
8TH FLOOR (92.39)	PL/MECH-10	6.75 SF
8TH FLOOR (92.39)	PL/MECH-11	6.75 SF
8TH FLOOR (92.39)	PL/MECH-12	6.75 SF
8TH FLOOR (92.39)	PL/MECH-13	7.00 SF
8TH FLOOR (92.39): 20		120.25 SF
9TH FLOOR (102.14)	PL-1	20.00 SF
9TH FLOOR (102.14)	PL-2	11.00 SF
9TH FLOOR (102.14)	PL-3	8.00 SF
9TH FLOOR (102.14)	PL-4	10.25 SF
9TH FLOOR (102.14)	PL-5	7.75 SF
9TH FLOOR (102.14)	PL-6	11.25 SF
9TH FLOOR (102.14)	PL-7	13.75 SF

PLUMBING & MECHANICAL DEDUCTIONS

Level	Name	Area
9TH FLOOR (102.14)	PL-8	4.25 SF
9TH FLOOR (102.14)	PL-9	3.50 SF
9TH FLOOR (102.14)	PL-10	4.25 SF
9TH FLOOR (102.14)	PL-11	1.75 SF
9TH FLOOR (102.14)	PL-12	2.00 SF
9TH FLOOR (102.14)	PL-13	1.00 SF
9TH FLOOR (102.14)	PL-14	0.75 SF
9TH FLOOR (102.14)	PL-15	1.25 SF
9TH FLOOR (102.14)	PL/MECH-21	5.50 SF
9TH FLOOR (102.14)	PL/MECH-22	6.25 SF
9TH FLOOR (102.14)	PL/MECH-23	7.25 SF
9TH FLOOR (102.14)	PL/MECH-24	6.50 SF
9TH FLOOR (102.14)	PL/MECH-25	6.75 SF
9TH FLOOR (102.14)	PL/MECH-26	6.75 SF
9TH FLOOR (102.14)	PL/MECH-27	7.25 SF
9TH FLOOR (102.14): 22		147.25 SF
10TH FLOOR (111.89)	PL-1	20.00 SF
10TH FLOOR (111.89)	PL-2	11.00 SF
10TH FLOOR (111.89)	PL-3	8.00 SF
10TH FLOOR (111.89)	PL-4	10.25 SF
10TH FLOOR (111.89)	PL-5	7.75 SF
10TH FLOOR (111.89)	PL-6	11.25 SF
10TH FLOOR (111.89)	PL-7	13.75 SF
10TH FLOOR (111.89)	PL-8	4.25 SF
10TH FLOOR (111.89)	PL-9	3.50 SF
10TH FLOOR (111.89)	PL-10	4.25 SF
10TH FLOOR (111.89)	PL-11	1.75 SF
10TH FLOOR (111.89)	PL-12	2.00 SF
10TH FLOOR (111.89)	PL-13	1.00 SF
10TH FLOOR (111.89)	PL-14	0.75 SF
10TH FLOOR (111.89)	PL-15	1.25 SF
10TH FLOOR (111.89)	PL/MECH-21	5.50 SF
10TH FLOOR (111.89)	PL/MECH-22	6.25 SF
10TH FLOOR (111.89)	PL/MECH-23	7.25 SF
10TH FLOOR (111.89)	PL/MECH-24	6.50 SF
10TH FLOOR (111.89)	PL/MECH-25	6.75 SF
10TH FLOOR (111.89)	PL/MECH-26	6.75 SF
10TH FLOOR (111.89)	PL/MECH-27	7.25 SF
10TH FLOOR (111.89): 22		147.25 SF
11TH FLOOR (121.64)	PL-1	18.00 SF
11TH FLOOR (121.64)	PL-2	11.00 SF
11TH FLOOR (121.64)	PL-3	9.25 SF
11TH FLOOR (121.64)	PL-4	10.50 SF
11TH FLOOR (121.64)	PL-5	7.50 SF
11TH FLOOR (121.64)	PL-6	13.50 SF
11TH FLOOR (121.64)	PL-7	2.25 SF
11TH FLOOR (121.64)	PL-8	1.00 SF
11TH FLOOR (121.64)	PL-9	0.75 SF
11TH FLOOR (121.64)	PL-10	1.75 SF
11TH FLOOR (121.64)	PL-11	4.50 SF
11TH FLOOR (121.64)	PL-12	1.00 SF
11TH FLOOR (121.64)	PL-13	3.75 SF
11TH FLOOR (121.64)	PL/MECH-28	6.00 SF
11TH FLOOR (121.64)	PL/MECH-29	6.25 SF
11TH FLOOR (121.64)	PL/MECH-30	6.25 SF
11TH FLOOR (121.64)	PL/MECH-31	6.75 SF
11TH FLOOR (121.64)	PL/MECH-32	6.75 SF
11TH FLOOR (121.64)	PL/MECH-33	6.75 SF
11TH FLOOR (121.64)	PL/MECH-34	6.75 SF
11TH FLOOR (121.64): 20		130.50 SF
12TH FLOOR (131.72)	PL-1	18.00 SF
12TH FLOOR (131.72)	PL-2	11.00 SF
12TH FLOOR (131.72)	PL-3	9.25 SF
12TH FLOOR (131.72)	PL-4	10.50 SF
12TH FLOOR (131.72)	PL-5	7.50 SF
12TH FLOOR (131.72)	PL-6	13.50 SF
12TH FLOOR (131.72)	PL-7	2.25 SF
12TH FLOOR (131.72)	PL-8	1.00 SF
12TH FLOOR (131.72)	PL-9	0.75 SF
12TH FLOOR (131.72)	PL-10	1.75 SF
12TH FLOOR (131.72)	PL-11	4.50 SF
12TH FLOOR (131.72)	PL-12	1.00 SF
12TH FLOOR (131.72)	PL-13	3.75 SF
12TH FLOOR (131.72)	PL/MECH-28	6.00 SF
12TH FLOOR (131.72)	PL/MECH-29	6.25 SF
12TH FLOOR (131.72)	PL/MECH-30	6.25 SF
12TH FLOOR (131.72)	PL/MECH-31	6.75 SF
12TH FLOOR (131.72)	PL/MECH-32	6.75 SF
12TH FLOOR (131.72)	PL/MECH-33	6.75 SF
12TH FLOOR (131.72)	PL/MECH-34	6.75 SF
12TH FLOOR (131.72): 20		130.50 SF

Project
69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER: GREYSTONE, 152 West 57th Street, 60th Floor, New York NY 10019
STRUCTURAL ENGINEER: SHARON ENGINEERING, 3427 Steinway Street, Long Island City, NY 11101
MEP ENGINEER: SHARON ENGINEERING, 3427 Steinway Street, Long Island City, NY 11101
INTERIOR DESIGN:
LANDSCAPE DESIGN:

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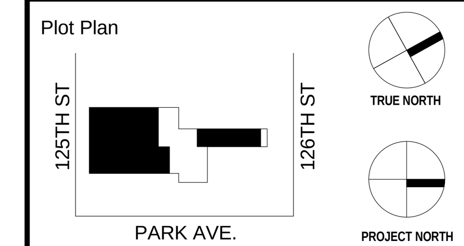
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

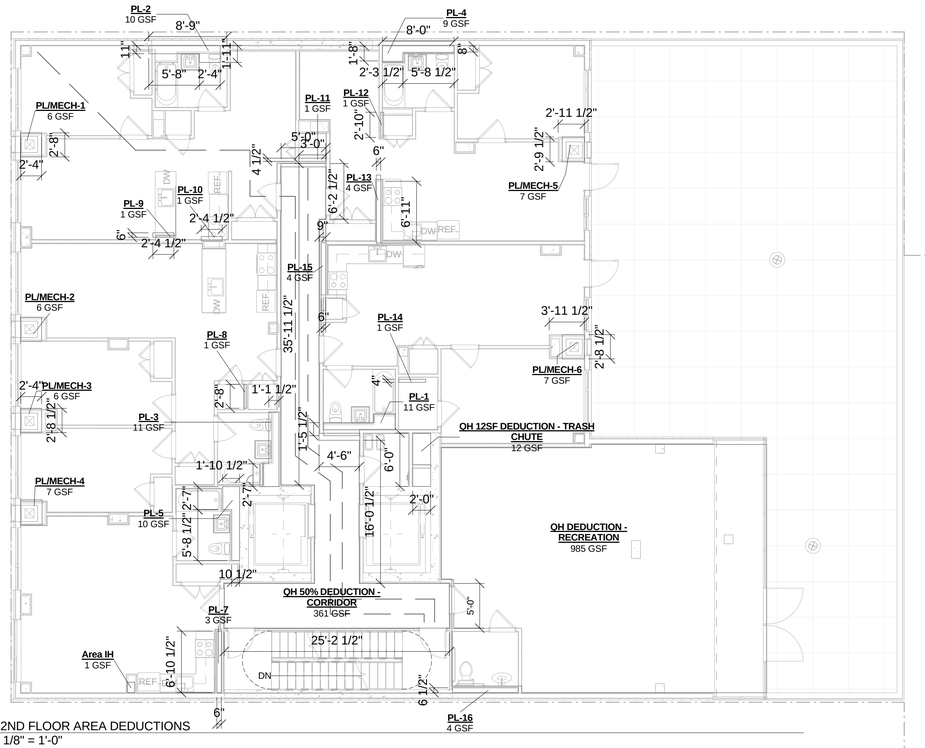
Drawing Title
AREA DEDUCTIONS SOUTH TOWER

Sign & Seal: REGISTERED ARCHITECT, DANIEL KENNETH BERNSTEIN, 16854, STATE OF NEW YORK

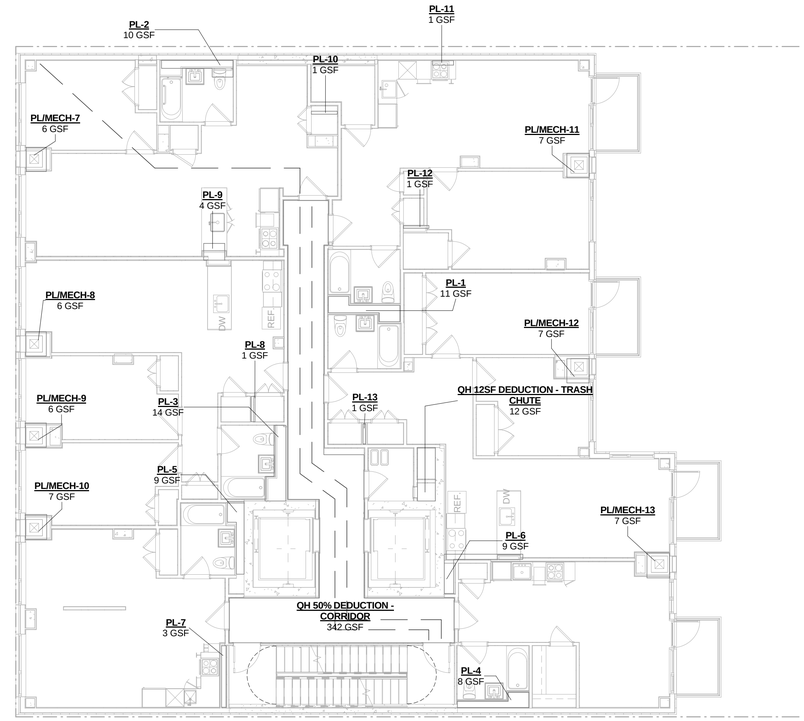
Drawing No. G-300.00

01/29/15 | Drawn by: KBA | Job No.: 2014-079
Sheet scale: 1/8" = 1'-0" | Checked by: KBA | DOB sheet: 10 OF 62

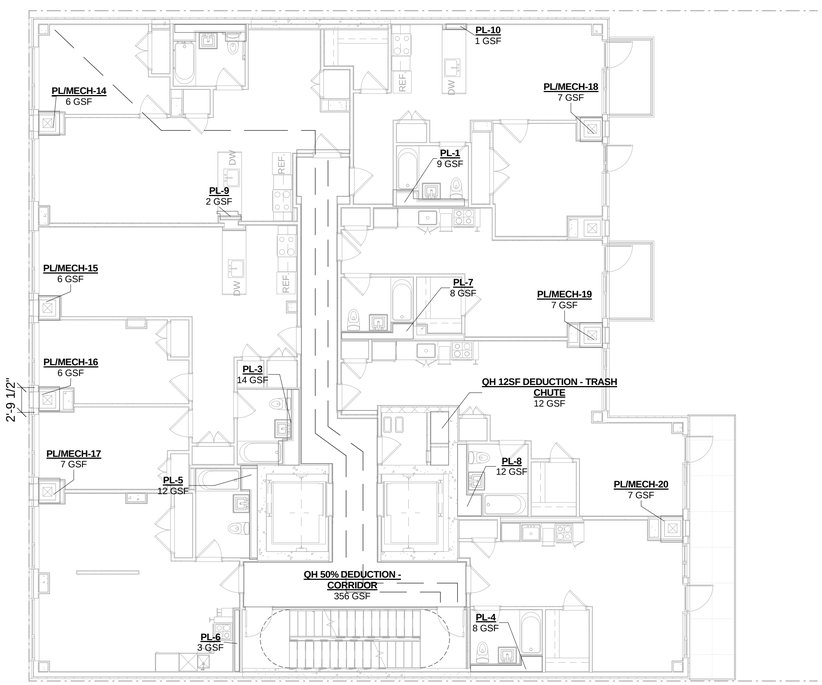
DOB NUMBER



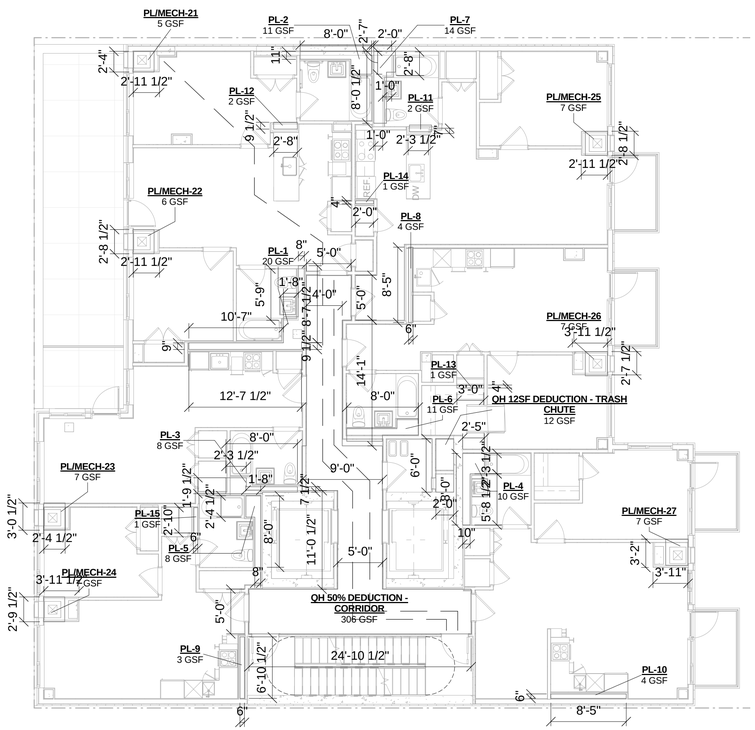
4 2ND FLOOR AREA DEDUCTIONS
1/8" = 1'-0"
GSF = 5,216 SF



3 7TH FLOOR (82.64)
1/8" = 1'-0"
GSF = 5,101 SF



1 3RD - 6TH FLOOR AREA DEDUCTIONS
1/8" = 1'-0"
GSF = 5,101 SF



2 9TH - 10TH FLOOR AREA DEDUCTIONS
1/8" = 1'-0"
GSF = 4,674 SF

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER:
GSES SYSTCHE
125 Maiden Lane, Sixteenth Floor
New York, NY 10019

STRUCTURAL ENGINEER:
SHARON ENGINEERING
2225 Jericho Turnpike, Suite 300
Long Island City, NY 11101

MEP ENGINEER:
SHARON ENGINEERING
2225 Jericho Turnpike, Suite 300
Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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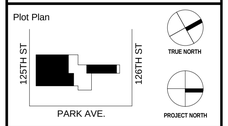
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

AREA DEDUCTIONS
SOUTH TOWER

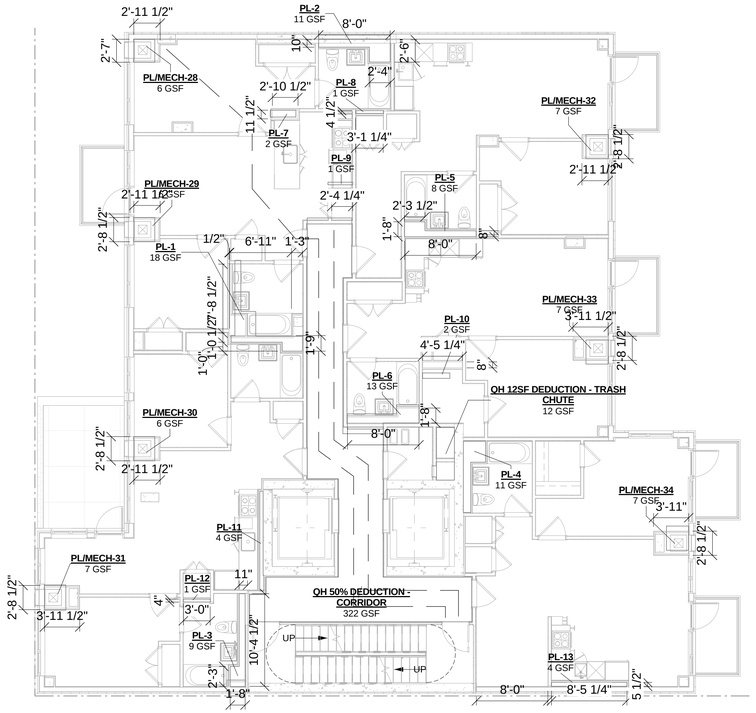
Sign & Seal

REGISTERED ARCHITECT
RAFAEL KUTNICKI
16854
STATE OF NEW YORK

Drawing No.
G-301.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/8" = 1'-0"	Checked by KBA	DOB sheet 11 OF 62

DOB NUMBER



1 11TH - 12TH FLOOR AREA DEDUCTIONS
1/8" = 1'-0"

GSF = 4,513 SF

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER:
CORE CITY ZONE
125 East 125th Street
6th Floor
New York, NY 10019

STRUCTURAL ENGINEER:
SHARON ENGINEERING
PO Box 1111
Long Island City, NY 11101

MEP ENGINEER:
SHARON ENGINEERING
PO Box 1111
Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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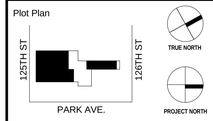
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

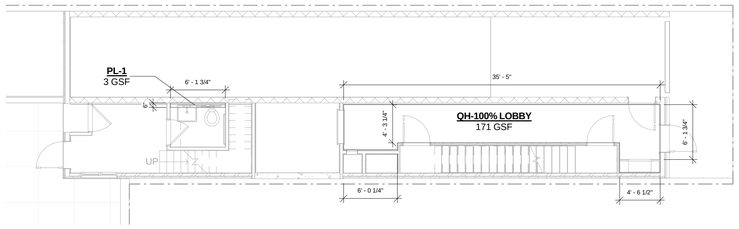
AREA DEDUCTIONS
SOUTH TOWER

Sign & Seal

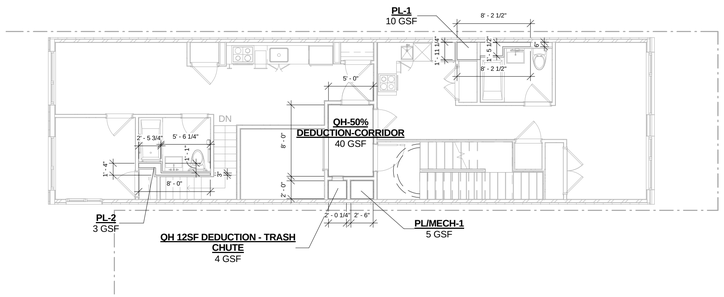
Drawing No.
G-302.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/8" = 1'-0"	Checked by KBA	DOB sheet 12 OF 62

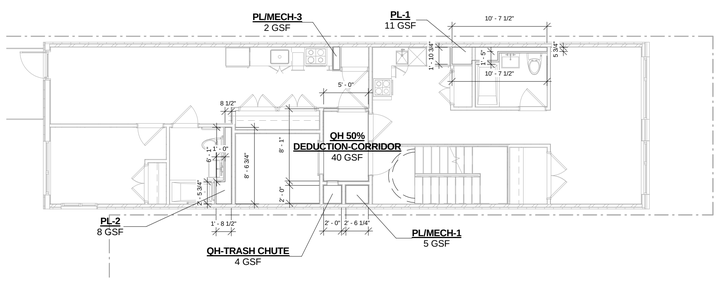
DOB NUMBER



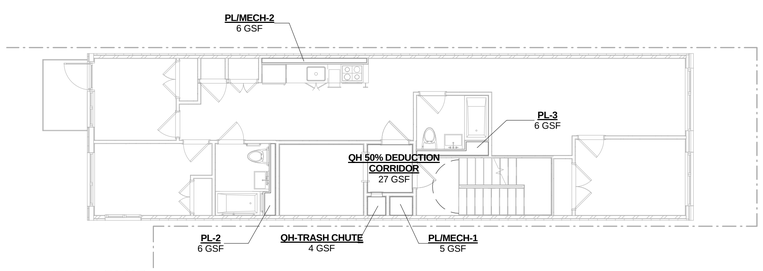
1 1ST FLOOR (22.095)
1/8" = 1'-0"



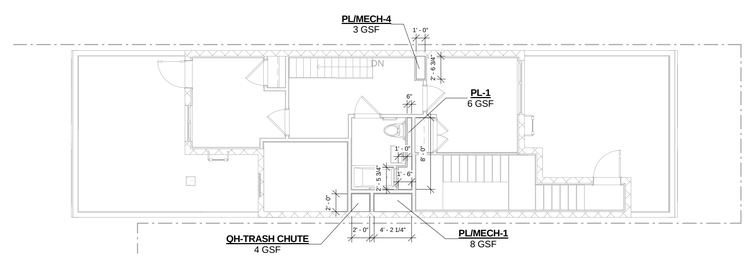
2 2ND FLOOR (33.76)
1/8" = 1'-0"



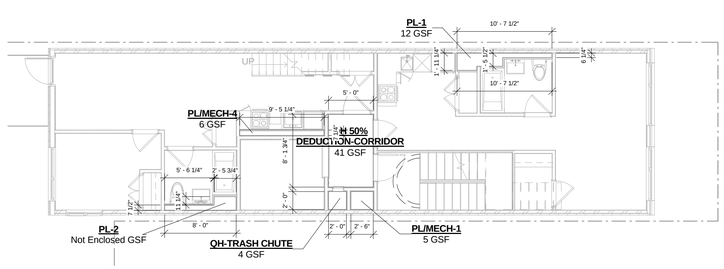
3 3RD FLOOR (43.43)
1/8" = 1'-0"



6 4TH FLOOR (53.097)
1/8" = 1'-0"



5 PH (82.097)
1/8" = 1'-0"



4 6TH FLOOR (72.43)
1/8" = 1'-0"

PLUMBING & MECHANICAL DEDUCTIONS		
Level	Name	Area
Not Placed	PL/MECH-2	Not Placed
Not Placed	PL/MECH-3	Not Placed
Not Placed	PL/MECH-3	Not Placed
Not Placed	PL/MECH-3	Not Placed
Not Placed: 4		0.00 SF
1ST FLOOR (22.095)	PL-1	3.00 SF
1ST FLOOR (22.095): 1		3.00 SF
2ND FLOOR (33.76)	PL-1	6.25 SF
2ND FLOOR (33.76)	PL-2	6.50 SF
2ND FLOOR (33.76)	PL/MECH-1	5.00 SF
2ND FLOOR (33.76)	PL/MECH-2	6.75 SF
2ND FLOOR (33.76): 4		24.25 SF
3RD FLR (43.43)	PL-1	7.00 SF
3RD FLR (43.43)	PL-2	7.00 SF
3RD FLR (43.43)	PL/MECH-1	5.00 SF
3RD FLR (43.43)	PL/MECH-2	6.75 SF
3RD FLR (43.43)	PL/MECH-3	2.00 SF
3RD FLR (43.43): 5		27.75 SF
6TH FLR (72.43)	PL-1	7.50 SF
6TH FLR (72.43)	PL-2	7.50 SF
6TH FLR (72.43)	PL/MECH-1	5.00 SF
6TH FLR (72.43)	PL/MECH-2	6.75 SF
6TH FLR (72.43)	PL/MECH-4	2.00 SF
6TH FLR (72.43): 5		28.50 SF
PH (82.097)	PL-1	6.50 SF
PH (82.097)	PL/MECH-1	8.50 SF
PH (82.097)	PL/MECH-3	1.75 SF
PH (82.097)	PL/MECH-4	2.50 SF
PH (82.097): 4		19.25 SF

PLUMBING & MECHANICAL DEDUCTIONS		
Level	Name	Area

QUALITY HOUSING DEDUCTIONS		
Level	Name	Area
1ST FLOOR (22.095)	QH-100% LOBBY	192.00 SF
1ST FLOOR (22.095): 1		192.00 SF
2ND FLOOR (33.76)	QH 12SF DEDUCTION - TRASH CHUTE	4.00 SF
2ND FLOOR (33.76)	QH-50% DEDUCTION-CORRIDOR	40.00 SF
2ND FLOOR (33.76): 2		44.00 SF
3RD FLR (43.43)	QH 50% DEDUCTION-CORRIDOR	40.50 SF
3RD FLR (43.43)	QH-TRASH CHUTE	4.00 SF
3RD FLR (43.43): 2		44.50 SF
6TH FLR (72.43)	QH 50% DEDUCTION-CORRIDOR	41.75 SF
6TH FLR (72.43)	QH-TRASH CHUTE	4.00 SF
6TH FLR (72.43): 2		45.75 SF
PH (82.097)	QH-TRASH CHUTE	4.00 SF
PH (82.097): 1		4.00 SF

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER: CORE CITY STONE 69 East 125th Street 600 Fifth Floor New York, NY 10019

STRUCTURAL ENGINEER: SHARON ENGINEERING 2 Park Avenue, Suite 1 Long Island City, NY 11101

MEP ENGINEER: SHARON ENGINEERING 2 Park Avenue, Suite 1 Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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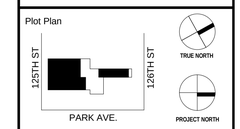
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

AREA DEDUCTIONS

Sign & Seal

Drawing No.

G-310.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/8" = 1'-0"	Checked by KBA	DOB sheet 13 OF 62

DOB NUMBER

COMcheck Software Version 3.9.4

Envelope Compliance Certificate

2010 New York Energy Conservation Construction Code

Section 1: Project Information

Project Type: **New Construction**
Project Title : 69 EAST 125TH ST

Construction Site:	Owner/Agent:	Designer/Contractor:
69 EAST 125TH ST New York, NY 10035	Greystone 152 West 57th Street 60th Floor New York, NY 10019	Kutnicki Bernstein Architects 434 Broadway 4th Floor New York, NY 10013

Section 2: General Information

Building Location (for weather data): **New York, New York**
Climate Zone: **4a**
Building Space Conditioning Type(s): **Nonresidential, Residential**
Vertical Glazing / Wall Area Pct.: **20%**
Skylight Glazing / Roof Area Pct.: **0%**

Activity Type(s)	Floor Area
12 Story Residential (Multifamily)	50867
Ground Floor Retail (Retail)	5795
7 Story Residential (Multifamily)	7338

Section 3: Requirements Checklist

Envelope PASSES: Design 10% better than code.

Climate-Specific Requirements:

Component Name/Description	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
125 - North Wall - EIFS: Steel-Framed, 16" o.c., Residential	4793	21.0	15.6	0.040	0.064
Windows: Metal Frame with Thermal Break, Perf. Type: Other testing/cert. Product ID: AND-N-84-00519-00001, SHGC 0.28, Residential (c)	1723	---	---	0.280	0.550
Balcony/Terrace Doors: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Type: Other testing/cert. Product ID: AND-N-84-00519-00001, SHGC 0.28, Residential (c)	557	---	---	0.280	0.850
125 - North Wall Setback - EIFS: Steel-Framed, 16" o.c., Residential	2888	21.0	15.6	0.040	0.064
Windows: Metal Frame with Thermal Break, Perf. Type: Other testing/cert. Product ID: AND-N-84-00519-00001, SHGC 0.28, Residential (c)	888	---	---	0.280	0.550
Balcony/Terrace Doors: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Type: Other testing/cert. Product ID: AND-N-84-00519-00001, SHGC 0.28, Residential (c)	511	---	---	0.280	0.850
125 - North Wall - Terrace Bump: Steel-Framed, 16" o.c., Residential	284	21.0	15.6	0.040	0.064
Window 15: Metal Frame Curtain Wall/Storefront, Perf. Type: Other testing/cert. Product ID: AND-N-84-00519-00001, SHGC 0.28, Residential (c)	194	---	---	0.280	0.500
Terrace Door: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Type: Other testing/cert. Product ID: AND-N-84-00519-00001, SHGC 0.28, Residential (c)	23	---	---	0.280	0.850
125 - North Wall - Fire Exit: Steel-Framed, 16" o.c., Residential	75	21.0	15.6	0.040	0.064

Component Name/Description	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Rear Fire Exit: Insulated Metal, Swinging, Residential	23	---	---	0.200	0.700
125 - North Wall - Commercial: Steel-Framed, 16" o.c., Nonresidential	813	21.0	14.8	0.041	0.064
125 - North Elevator Bulkhead: Solid Concrete:12" Thickness,Normal Density , Furring: None, Residential	155	---	14.8	0.059	0.090
125 - North Stair Bulkhead: Solid Concrete:12" Thickness,Normal Density , Furring: None, Residential	79	---	14.8	0.059	0.090
Window: Metal Frame with Thermal Break, Perf. Type: Other testing/cert. Product ID: AND-N-84-00519-00001, SHGC 0.28, Residential (c)	8	---	---	0.280	0.550
N. Stair Bulkhead Exit Door: Insulated Metal, Swinging, Residential	23	---	---	0.200	0.700
125 - South Wall - Brick: Steel-Framed, 16" o.c., Residential	6075	21.0	3.8	0.076	0.064
Window 4: Metal Frame with Thermal Break, Perf. Type: Other testing/cert. Product ID: AND-N-84-00519-00001, SHGC 0.28, Residential (c)	2679	---	---	0.280	0.550
125 - South Wall Setback - Brick: Steel-Framed, 16" o.c., Residential	1911	21.0	3.8	0.076	0.064
Window 5: Metal Frame with Thermal Break, Perf. Type: Other testing/cert. Product ID: AND-N-84-00519-00001, SHGC 0.28, Residential (c)	672	---	---	0.280	0.550
Door 6: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Type: Other testing/cert. Product ID: AND-N-84-00519-00001, SHGC 0.28, Residential (c)	102	---	---	0.280	0.850
125 - South Elevator Bulkhead - EIFS: Solid Concrete:12" Thickness,Normal Density , Furring: None, Residential	155	---	7.9	0.101	0.090
125 - South Stair Bulkhead: Solid Concrete:12" Thickness,Normal Density , Furring: None, Residential	79	---	7.9	0.101	0.090
Window copy 1: Metal Frame with Thermal Break, Perf. Type: Other testing/cert. Product ID: AND-N-84-00519-00001, SHGC 0.28, Residential (c)	8	---	---	0.280	0.550
S. Stair Bulkhead Exit Door: Insulated Metal, Swinging, Residential	23	---	---	0.200	0.700
125 - South Lobby: Solid Concrete:12" Thickness,Medium Density , Furring: Metal, Residential	282	0.0	6.6	0.099	0.090
Lobby Storefront Windows: Metal Frame Curtain Wall/Storefront, Perf. Type: Other testing/cert. Product ID: AND-N-84-00519-00001, SHGC 0.28, Residential (c)	156	---	---	0.280	0.500
Lobby Entry Doors: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Type: Other testing/cert. Product ID: AND-N-84-00519-00001, SHGC 0.28, Residential (c)	44	---	---	0.280	0.850
South Fire Door: Insulated Metal, Swinging, Residential	23	---	---	0.200	0.700
125 - South Commercial Space: Solid Concrete:12" Thickness,Medium Density , Furring: Metal, Nonresidential	606	5.0	14.8	0.050	0.104
Retail Storefront Windows: Metal Frame Curtain Wall/Storefront, Perf. Type: Other testing/cert. Product ID: AND-N-84-00519-00001, SHGC 0.28, Nonresidential (c)	496	---	---	0.280	0.500
Retail Entry Doors: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Type: Other testing/cert. Product ID: AND-N-84-00519-00001, SHGC 0.28, Nonresidential (c)	60	---	---	0.280	0.850
125 - West EIFS Wall: Steel-Framed, 16" o.c., Residential	5640	21.0	15.6	0.040	0.064
125 - West Concrete Shear Wall: Solid Concrete:12" Thickness,Normal Density , Furring: Metal, Residential	1107	5.0	14.8	0.051	0.090
125 - West Concrete Shear Wall - Retail: Solid Concrete:12" Thickness,Normal Density , Furring: Metal, Nonresidential	123	5.0	14.8	0.051	0.104
125 - West Wall Setback - Brick: Steel-Framed, 16" o.c., Residential	397	21.0	3.8	0.076	0.064
Window 5 copy 1: Metal Frame with Thermal Break, Perf. Type: Other testing/cert. Product ID: AND-N-84-00519-00001, SHGC 0.28, Residential (c)	105	---	---	0.280	0.550
Door 6 copy 1: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Type: Other testing/cert. Product ID: AND-N-84-00519-00001, SHGC 0.28, Residential (c)	90	---	---	0.280	0.850
125 - West Wall Setback - EIFS: Steel-Framed, 16" o.c., Residential	884	21.0	15.6	0.040	0.064
Window 5 copy 2: Metal Frame with Thermal Break, Perf. Type: Other testing/cert. Product ID: AND-N-84-00519-00001, SHGC 0.28, Residential (c)	296	---	---	0.280	0.550
125 - West Retail EIFS Wall: Steel-Framed, 16" o.c., Nonresidential	1076	21.0	15.6	0.040	0.064
125 - West Elevator Bulkhead: Solid Concrete:12" Thickness,Normal Density , Furring: None, Residential	317	---	7.9	0.101	0.090

Component Name/Description	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
West Elevator Roof Lobby Door: Insulated Metal, Swinging, Residential	23	---	---	0.200	0.700
125 - West Stair Bulkhead: Concrete Block:8", Partially Grouted, Cells Empty,Normal Density , Furring: None, Residential	263	---	17.1	0.052	0.090
125 - East Wall EIFS: Steel-Framed, 16" o.c., Residential	5094	21.0	15.6	0.040	0.064
125 - East Shear Concrete Wall: Solid Concrete:12" Thickness,Normal Density , Furring: Metal, Residential	3258	0.0	8.2	0.090	0.090
125 - East Ground Floor CMU Wall: Concrete Block:10", Partially Grouted, Cells Insulated,Normal Density , Furring: Metal, Residential	925	0.0	8.2	0.082	0.090
125 - East Elevator Bulkhead: Solid Concrete:12" Thickness,Normal Density , Furring: None, Residential	317	---	8.2	0.098	0.090
125 - East Stair Bulkhead: Solid Concrete:12" Thickness,Normal Density , Furring: None, Residential	263	---	8.2	0.098	0.090
125 - Floor Above Garage: Concrete Floor (over unconditioned space), Residential	4663	---	30.0	0.030	0.074
125 - Terrace above Commercial: Insulation Entirely Above Deck, Residential	1979	---	30.0	0.032	0.048
125 - Basement Wall: Solid Concrete:12" Thickness, Normal Density, Furring: Metal, Wall Ht 10.0, Depth B.G. 10.0, Residential	2796	0.0	19.0	0.047	0.108
125 - Roof: Insulation Entirely Above Deck, Residential	4459	---	30.0	0.032	0.048
126 - Basement Slab: Slab-On-Grade:Heated, Horizontal with vertical >= 4 ft., Residential	164	---	10.0	---	---
126 - Basement Wall: Concrete Block:8", Solid Grouted, Normal Density, Furring: Metal, Wall Ht 10.0, Depth B.G. 10.0, Residential	1109	0.0	19.0	0.047	0.108
126 - Roof: Insulation Entirely Above Deck, Residential	1266	---	30.0	0.032	0.048
Skylight 1: Metal Frame with Thermal Break:Glass, With Curb, Perf. Type: Energy code default, Single Pane, Tinted , SHGC 0.70, Residential	24	---	---	1.900	0.600
126 - North Brick Wall: Steel-Framed, 16" o.c., Residential	1139	15.0	3.8	0.082	0.064
Window 11: Metal Frame with Thermal Break, Perf. Type: Other testing/cert. Product ID: AND-N-84-00519-00001, SHGC 0.28, Residential (c)	357	---	---	0.280	0.550
Entry Doors: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Type: Other testing/cert. Product ID: AND-N-84-00519-00001, SHGC 0.28, Residential (c)	45	---	---	0.280	0.850
Garage Door: Other Door, Non-Swinging, Residential	98	---	---	0.900	0.500
126 - South EIFS Wall: Steel-Framed, 16" o.c., Residential	1120	15.0	15.2	0.042	0.064
Window 12: Metal Frame with Thermal Break, Perf. Type: Other testing/cert. Product ID: AND-N-84-00519-00001, SHGC 0.28, Residential (c)	371	---	---	0.280	0.550
Door 15: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Type: Other testing/cert. Product ID: AND-N-84-00519-00001, SHGC 0.28, Residential (c)	125	---	---	0.280	0.850
126 - North CMU Setback: Concrete Block:6", Solid Grouted,Normal Density , Furring: None, Residential	190	---	17.2	0.053	0.090
126 - South EIFS Wall: Steel-Framed, 16" o.c., Residential	180	15.0	15.2	0.042	0.064
Window 13: Metal Frame with Thermal Break, Perf. Type: Other testing/cert. Product ID: AND-N-84-00519-00001, SHGC 0.28, Residential (c)	25	---	---	0.280	0.550
Door 16: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Type: Other testing/cert. Product ID: AND-N-84-00519-00001, SHGC 0.28, Residential (c)	23	---	---	0.280	0.850
126 - West EIFS Wall: Steel-Framed, 16" o.c., Residential	4650	15.0	15.2	0.042	0.064
Door 17: Insulated Metal, Swinging, Residential	23	---	---	0.900	0.700
126 - East CMU Wall: Steel-Framed, 16" o.c., Residential	4538	15.0	15.2	0.042	0.064
Window 14: Metal Frame with Thermal Break, Perf. Type: Other testing/cert. Product ID: AND-N-84-00519-00001, SHGC 0.28, Residential (c)	151	---	---	0.280	0.550

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) 'Other' components require supporting documentation for proposed U-factors.
(c) Fenestrations product performance must be certfied in accordance with NFRC and requires supporting documentation.

Air Leakage, Component Certification, and Vapor Retarder Requirements:

- ☑ 1. All joints and penetrations are caulked, gasketed or covered with a moisture vapor-permeable wrapping material installed in accordance with the manufacturer's installation instructions.
- ☑ 2. Windows, doors, and skylights certified as meeting leakage requirements.
- ☑ 3. Component R-values & U-factors labeled as certified.
- ☑ 4. No roof insulation is installed on a suspended ceiling with removable ceiling panels.
- ☑ 5. 'Other' components have supporting documentation for proposed U-Factors.
- ☑ 6. Insulation installed according to manufacturer's instructions, in substantial contact with the surface being insulated, and in a manner that achieves the rated R-value without compressing the insulation.
- ☑ 7. Stair, elevator shaft vents, and other outdoor air intake and exhaust openings in the building envelope are equipped with motorized dampers.
- ☑ 8. Cargo doors and loading dock doors are weather sealed.
- ☑ 9. Recessed lighting fixtures installed in the building envelope are Type IC rated as meeting ASTM E283, are sealed with gasket or caulk.
- ☑ 10. Building entrance doors have a vestibule equipped with self-closing devices.
  Exceptions:
  - ☐ Building entrances with revolving doors.
  - ☐ Doors not intended to be used as a building entrance.
  - ☐ Doors that open directly from a space less than 3000 sq. ft. in area.
  - ☐ Doors used primarily to facilitate vehicular movement or materials handling and adjacent personnel doors.
  - ☐ Doors opening directly from a sleeping/dwelling unit.

Section 4: Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed envelope system has been designed to meet the 2010 New York Energy Conservation Construction Code requirements in COM*check* Version 3.9.4 and to comply with the mandatory requirements in the Requirements Checklist.

When a Registered Design Professional has stamped and signed this page, they are attesting that to the best of his/her knowledge, belief, and professional judgment, such plans or specifications are in compliance with this code.

Daniel Bernstein — [signature] — 1/29/2015
Name - Title — Signature — Date

COMcheck Software Version 3.9.4

Interior Lighting Compliance Certificate

2010 New York Energy Conservation Construction Code

Section 1: Project Information

Project Type: **New Construction**
Project Title : 69 EAST 125TH ST

Construction Site:	Owner/Agent:	Designer/Contractor:
69 EAST 125TH ST New York, NY 10035	Greystone 152 West 57th Street 60th Floor New York, NY 10019	Kutnicki Bernstein Architects 434 Broadway 4th Floor New York, NY 10013

Section 2: Interior Lighting and Power Calculation

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B x C)
12 Story Residential (Multifamily)	50867	0.7	35607
Ground Floor Retail (Retail)	5795	1.5	8693
7 Story Residential (Multifamily)	7338	0.7	5137
		Total Allowed Watts =	49436

Section 3: Interior Lighting Fixture Schedule

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
12 Story Residential (Multifamily 50867 sq.ft.)				
Recessed LED: LED A Lamp 11W:	1	665	11	7315
Recessed LED: LED A Lamp 13W:	1	143	13	1859
BATHROOM SCONCE LED: LED A Lamp 11W:	1	32	11	352
CEILING LAMP: LED A Lamp 13W:	1	27	13	351
Ground Floor Retail (Retail 5795 sq.ft.)				
7 Story Residential (Multifamily 7338 sq.ft.)				
Recessed LED copy 1: LED A Lamp 11W:	1	65	11	715
Recessed LED copy 1: LED A Lamp 13W:	1	16	13	208
BATHROOM SCONCE LED copy 1: LED A Lamp 11W:	1	12	11	132
			Total Proposed Watts =	10932

Section 4: Requirements Checklist

Interior Lighting PASSES: Design 78% better than code.

Lighting Wattage:

- ☑ 1. Total proposed watts must be less than or equal to total allowed watts.

Allowed Watts	Proposed Watts	Complies
49436	10932	YES

Controls, Switching, and Wiring:

- ☑ 2. Daylight zones under skylights more than 15 feet from the perimeter have lighting controls separate from daylight zones adjacent to vertical fenestration.

- ☑ 3. Daylight zones have individual lighting controls independent from that of the general area lighting.
  Exceptions:
  - ☐ Contiguous daylight zones spanning no more than two orientations are allowed to be controlled by a single controlling device.
  - ☐ Daylight spaces enclosed by walls or ceiling height partitions and containing two or fewer light fixtures are not required to have a separate switch for general area lighting.
- ☑ 4. Independent controls for each space (switch/occupancy sensor).
  Exceptions:
  - ☐ Areas designated as security or emergency areas that must be continuously illuminated.
  - ☐ Lighting in stairways or corridors that are elements of the means of egress.
- ☑ 5. Master switch at entry to hotel/motel guest room.
- ☑ 6. Individual dwelling units separately metered.
- ☑ 7. Medical task lighting or art/history display lighting claimed to be exempt from compliance has a control device independent of the control of the nonexempt lighting.
- ☑ 8. Each space required to have a manual control also allows for reducing the connected lighting load by at least 50 percent by either controlling all luminaires, dual switching of alternate rows of luminaires, alternate luminaires, or alternate lamps, switching the middle lamp luminaires independently of other lamps, or switching each luminaire or each lamp.
  Exceptions:
  - ☑ Only one luminaire in space.
  - ☑ An occupant-sensing device controls the area.
  - ☑ The area is a corridor, storeroom, restroom, public lobby or sleeping unit.
  - ☑ Areas that use less than 0.6 Watts/sq.ft.
- ☑ 9. Automatic lighting shutoff control in buildings larger than 5,000 sq.ft.
  Exceptions:
  - ☐ Sleeping units, patient care areas; and spaces where automatic shutoff would endanger safety or security.
- ☑ 10. Photocell/astronomical time switch on exterior lights.
  Exceptions:
  - ☐ Lighting intended for 24 hour use.
- ☑ 11. Tandem wired one-lamp and three-lamp ballasted luminaires (No single-lamp ballasts).
  Exceptions:
  - ☐ Electronic high-frequency ballasts; Luminaires on emergency circuits or with no available pair.

Section 5: Compliance Statement

Compliance Statement: The proposed lighting design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed lighting system has been designed to meet the 2010 New York Energy Conservation Construction Code requirements in COM*check* Version 3.9.4 and to comply with the mandatory requirements in the Requirements Checklist.

Daniel Bernstein — [signature] — 1/29/2015
Name - Title — Signature — Date

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER: GREYSTONE, 152 West 57th Street, 60th Floor, New York NY 10019
STRUCTURAL ENGINEER: SHARON ENGINEERING, 3427 Steinway Street, Long Island City, NY 11101
MEP ENGINEER: SHARON ENGINEERING, 3427 Steinway Street, Long Island City, NY 11101
INTERIOR DESIGN:
LANDSCAPE DESIGN:

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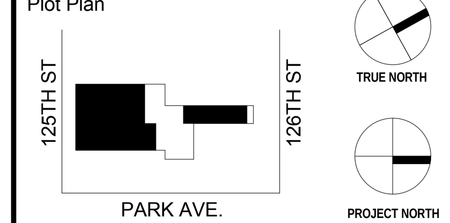
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



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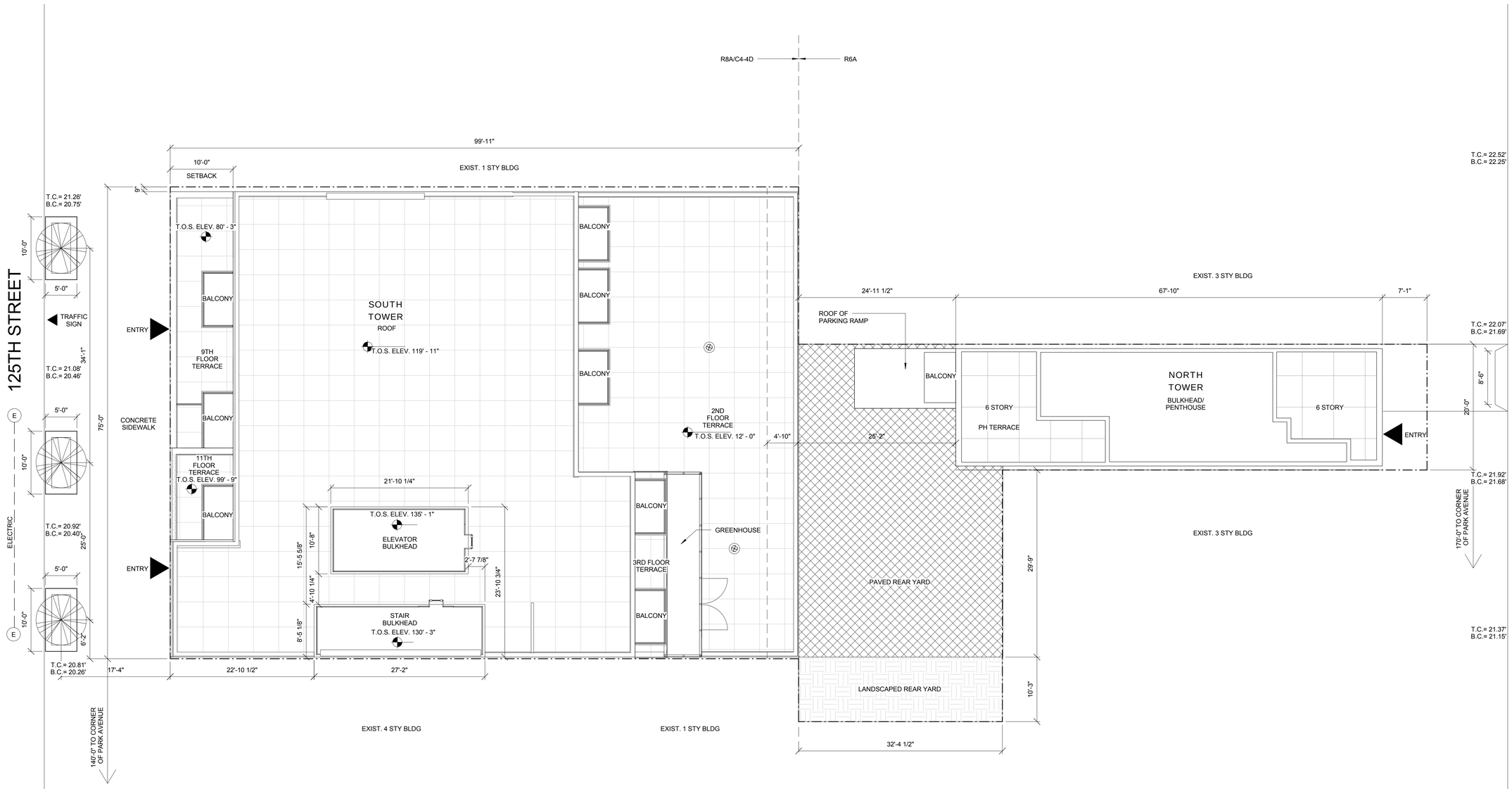
Drawing Title: ENERGY ANALYSIS

Sign & Seal: REGISTERED ARCHITECT — DANIEL KENNETH BERNSTEIN — 16854 — STATE OF NEW YORK

Drawing No.: EN-100.00

01/29/15	Drawn by: KBA	Job No.: 2014-079
Sheet scale	Checked by: KBA	DOB sheet: 14 OF 62

DOB NUMBER



1 SITE PLAN
1/8" = 1'-0"

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER:
CORE SYSTEMS
125 East 125th Street
60th Floor
New York, NY 10019

STRUCTURAL ENGINEER:
SHARON ENGINEERING
P.O. Box 1000
Long Island City, NY 11101

MEP ENGINEER:
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P.O. Box 1000
Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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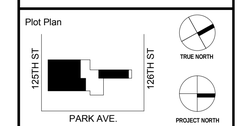
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

SITE PLAN

Sign & Seal

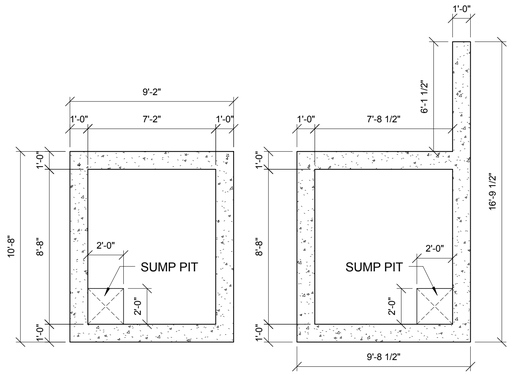
REGISTERED ARCHITECT
KUTNICKI BERNSTEIN
16854
STATE OF NEW YORK

Drawing No.

A-010.00

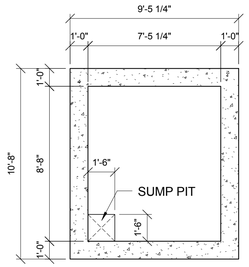
01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/8" = 1'-0"	Checked by KBA	DOB sheet 15 OF 62

DOB NUMBER



1 ELEV. PIT PLAN_125TH
1/4" = 1'-0"

NOTE: SEE STRUCTURAL DWGS. FOR ADDITIONAL ELEV. PIT INFORMATION.



2 ELEV. PIT PLAN_126TH
1/4" = 1'-0"

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER:
CORE/STONE
125 East 125th Street
6th Floor
New York, NY 10019

STRUCTURAL ENGINEER:
SHARON ENGINEERING
P.O. Box 1000 Street
Long Island City, NY 11101

MEP ENGINEER:
SHARON ENGINEERING
P.O. Box 1000 Street
Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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Issuance Schedule

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Revision Schedule

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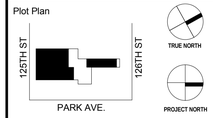
Plot Plan



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Drawing Title

ELEVATOR PIT & CELLAR SLAB PLAN

Sign & Seal

Drawing No.

A-030.00

01/29/15	Drawn by KBA	Job No. 2014-079
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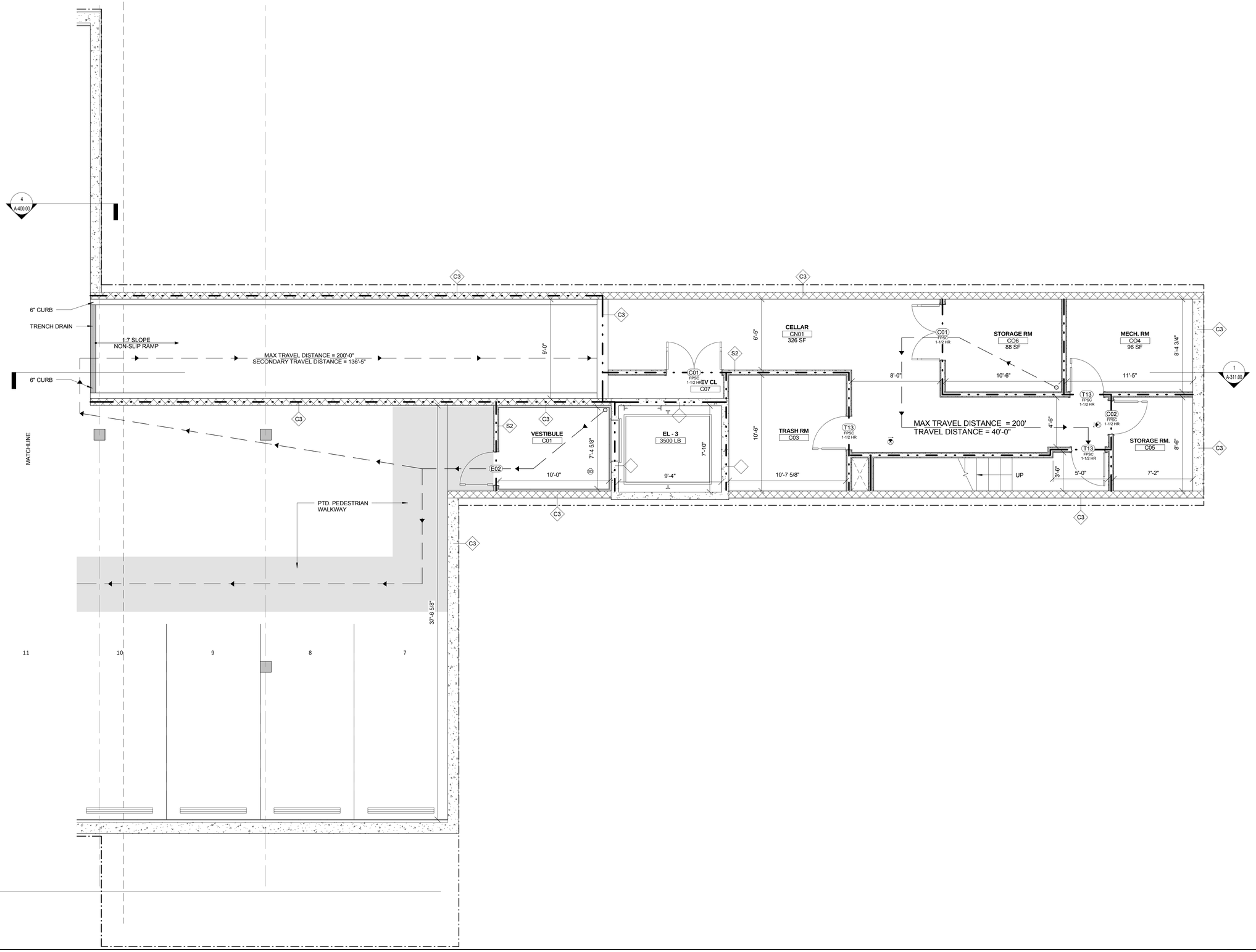
DOB NUMBER



1 CELLAR PLAN NORTH
1/4" = 1'-0"

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER:
FORTSTONE
125 East 125th Street
6th Floor
New York, NY 10019

STRUCTURAL ENGINEER:
SHARON ENGINEERING
29-27 Hoyt Avenue
Long Island City, NY 11101

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29-27 Hoyt Avenue
Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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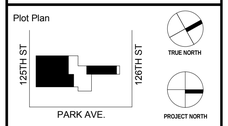
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



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Drawing Title

CELLAR PLAN NORTH

Sign & Seal

Drawing No.

A-100.00N

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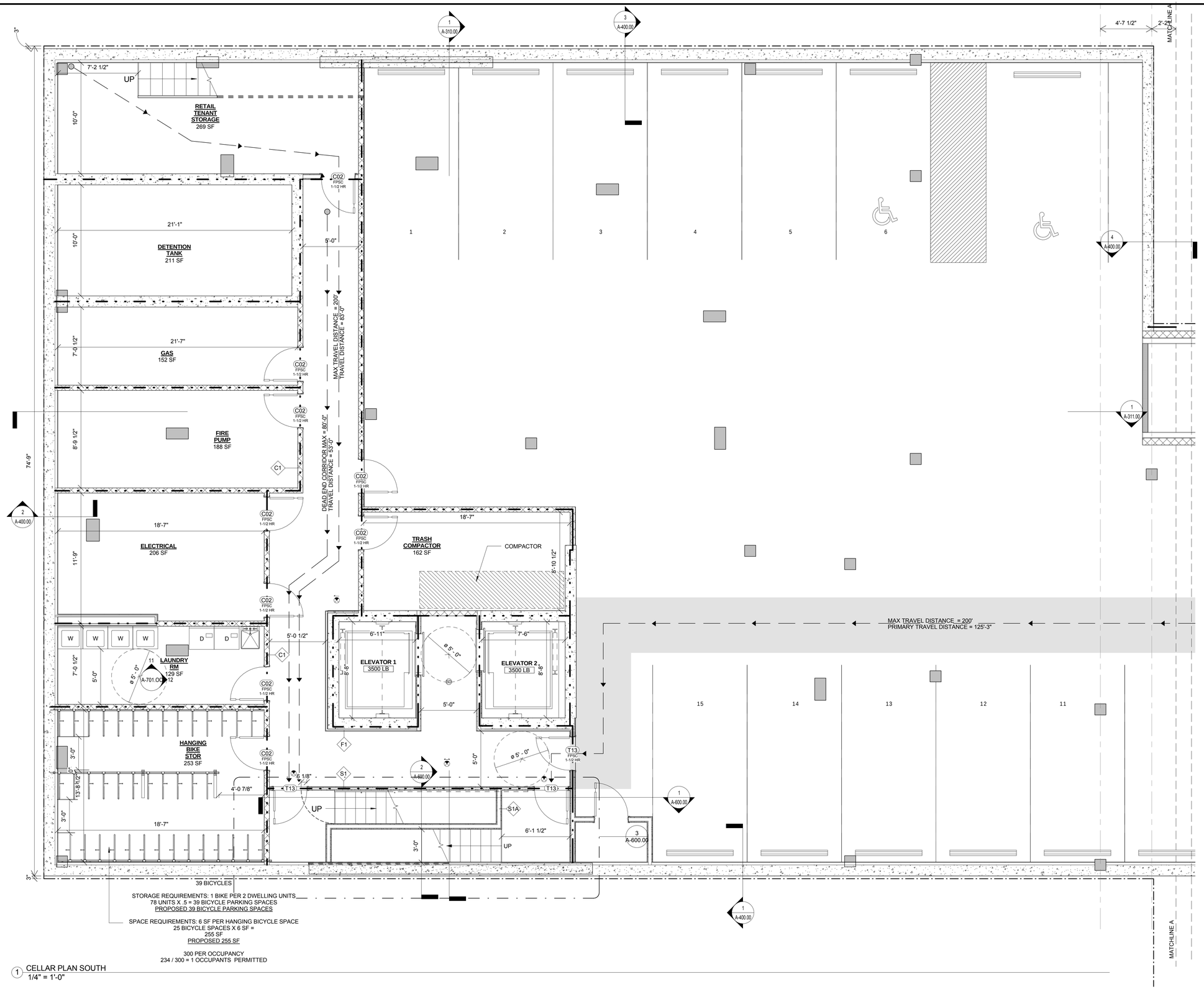

1 CELLAR PLAN SOUTH
1/4" = 1'-0"

LEGEND

1 HR RATED PARTITION
2 HR RATED PARTITION
3 HR RATED PARTITION
TRAVEL DISTANCE
DEAD END CORRIDOR

SYMBOL	DESCRIPTION
	WALL TAG
SD	SMOKE DETECTOR
SC	CARBON MONOXIDE/ SMOKE DETECTOR
H	HEAT DETECTOR
	EMERGENCY EXIT
	SECURITY CAMERA
1'-0"	ELEVATION CHANGE

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER:
CORE SYSTEMS
125 EAST 125TH Street
6th Floor
New York, NY 10019

STRUCTURAL ENGINEER:
SHARON ENGINEERING
2 Park Avenue, 17th Floor
Long Island City, NY 11101

MEP ENGINEER:
SHARON ENGINEERING
2 Park Avenue, 17th Floor
Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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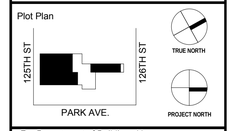
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



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Drawing Title

CELLAR PLAN SOUTH

Sign & Seal

Drawing No.

A-100.00S

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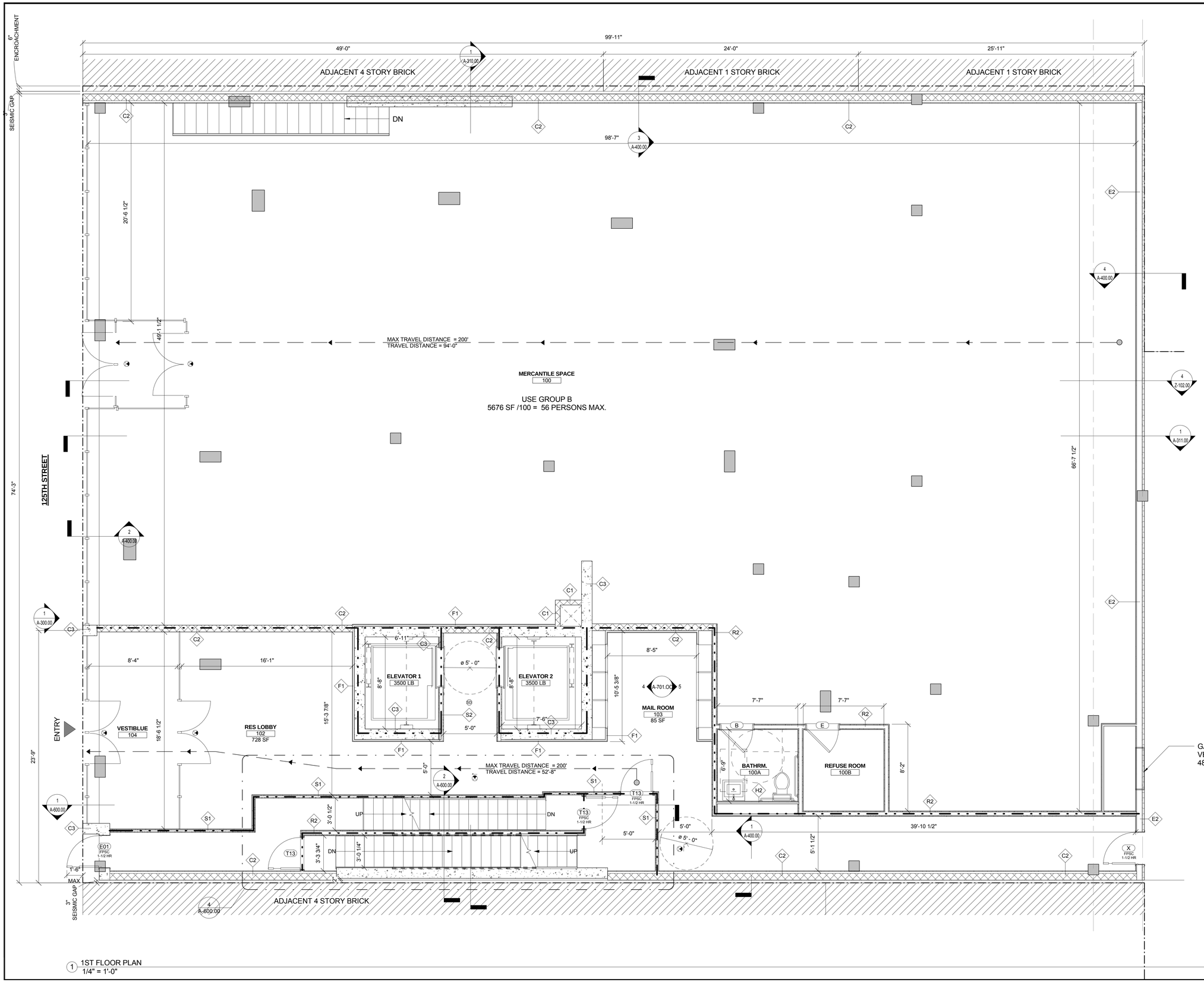
Sheet scale 1/4" = 1'-0"	Checked by KBA	DOB sheet 18 OF 62

DOB NUMBER



1 1ST FLOOR PLAN
1/4" = 1'-0"

LEGEND

- 1 HR RATED PARTITION
- 2 HR RATED PARTITION
- 3 HR RATED PARTITION
- TRAVEL DISTANCE
- DEAD END CORRIDOR

SYMBOL	DESCRIPTION
	WALL TAG
SD	SMOKE DETECTOR
SD	CARBON MONOXIDE/ SMOKE DETECTOR
H	HEAT DETECTOR
	EMERGENCY EXIT
	SECURITY CAMERA
1'-0"	ELEVATION CHANGE

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

LANDSCAPE DESIGN:

INTERIOR DESIGN:

MEP ENGINEER:
SHARON ENGINEERING
P.O. BOX 1000 Street
Long Island City, NY 11101

STRUCTURAL ENGINEER:
SHARON ENGINEERING
P.O. BOX 1000 Street
Long Island City, NY 11101

OWNER:
CORE SYSTOME
125 Broad Street
60th Floor
New York, NY 10019

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Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan

125TH ST
125TH ST
PARK AVE.
TRUE NORTH
PROJECT NORTH

For Department of Buildings Use

Drawing Title

FIRST FLOOR PLAN
SOUTH TOWER

Sign & Seal

REGISTERED ARCHITECT
STATE OF NEW YORK

Drawing No.
A-101.00

01/29/15	Drawn by KBA	Job No. 2014-079
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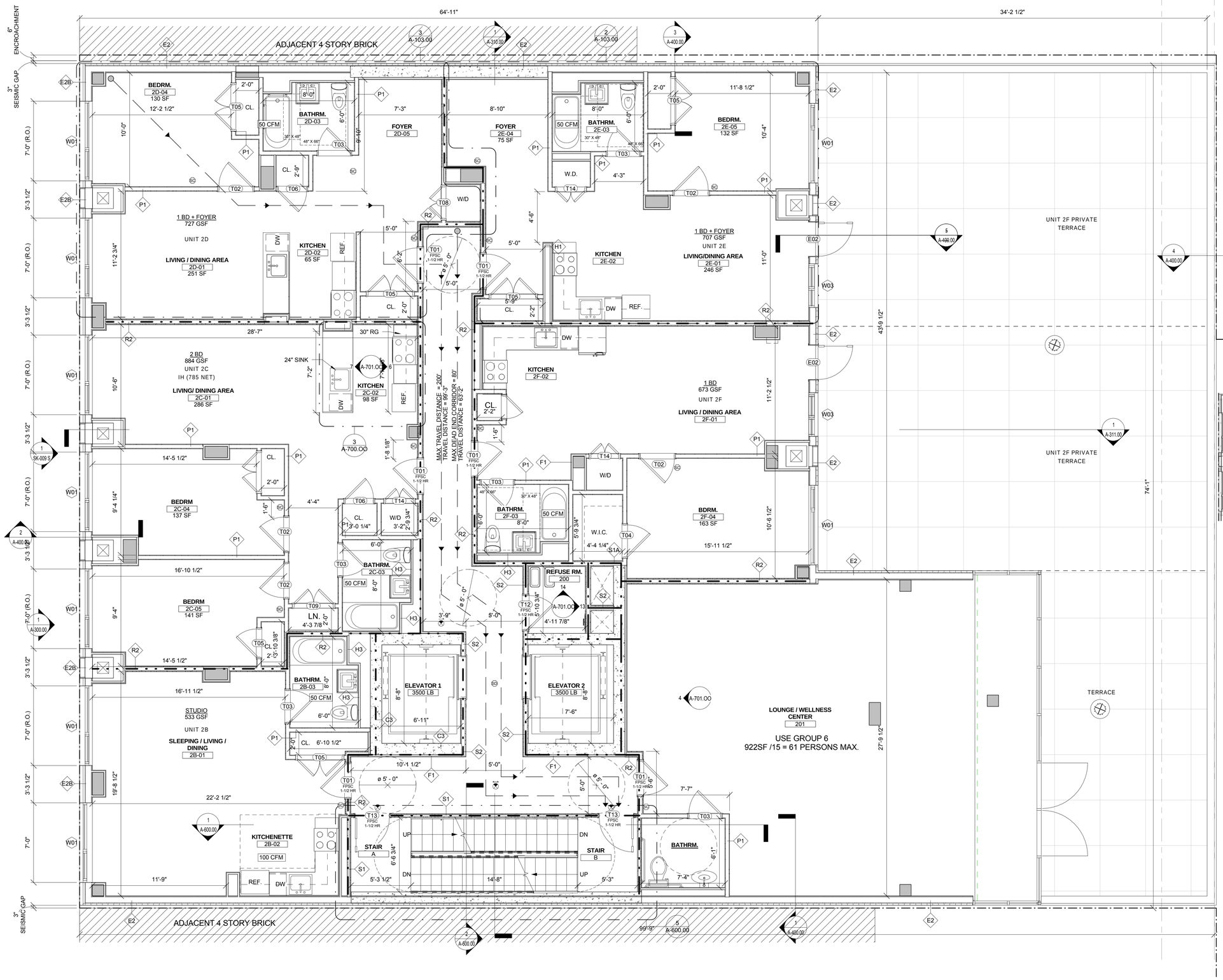
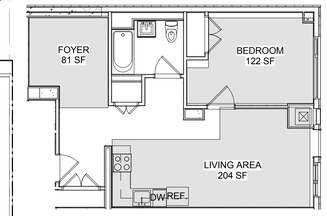


1 2ND - 8TH FLOORS
1/4" = 1'-0"



FOYER CALCULATION
UNIT 2E
As per Multiple Dwelling Law
Section 31.(5)

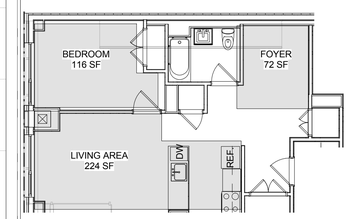
Proposed Living Room = 204 sf
Min Living room area= 132 x 20%=26
132+26 = 158
158 < 204 sf Complies
Proposed Bedroom = 122 sf
Min. Bedroom = 80 x 20% = 16
80+16 =96
96 < 122 sf Complies

Apartment Total sf = 626 SF

626 x 20 %= 126 sf

Proposed Foyer = 81 sf < 126 sf Complies

2 2E FOYER CALCULATION
1/8" = 1'-0"



FOYER CALCULATION
UNIT 2D
As per Multiple Dwelling Law
Section 31.(5)

Proposed Living Room = 224 sf
Min Living room area= 132 x 20%=26
132+26 = 158
158 < 224 sf Complies
Proposed Bedroom = 116 sf
Min. Bedroom = 80 x 20% = 16
80+16 =96
96 < 116 sf Complies

Apartment Total sf = 650 SF

650 x 20 %= 130 sf

Proposed Foyer = 72 sf < 130 sf Complies

3 2D FOYER CALCULATION
1/8" = 1'-0"

LEGEND

1 HR RATED PARTITION
2 HR RATED PARTITION
3 HR RATED PARTITION
TRAVEL DISTANCE
DEAD END CORRIDOR

SYMBOL	DESCRIPTION
	WALL TAG
SD	SMOKE DETECTOR
SD	CARBON MONOXIDE/ SMOKE DETECTOR
H	HEAT DETECTOR
	EMERGENCY EXIT
	SECURITY CAMERA
1'-0"	ELEVATION CHANGE

Project
69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

INTERIOR DESIGN:
LANDSCAPE DESIGN:
MEP ENGINEER: SHARON ENGINEERING 25 Jericho Turnpike Suite 204 Long Island City, NY 11101
STRUCTURAL ENGINEER: SHARON ENGINEERING 25 Jericho Turnpike Suite 204 Long Island City, NY 11101
OWNER: CORE SYSTOME 125 East 125th Street 6th Floor New York, NY 10019

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Issuance Schedule

No.	Date	Description
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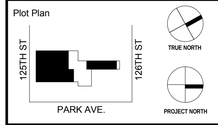
Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

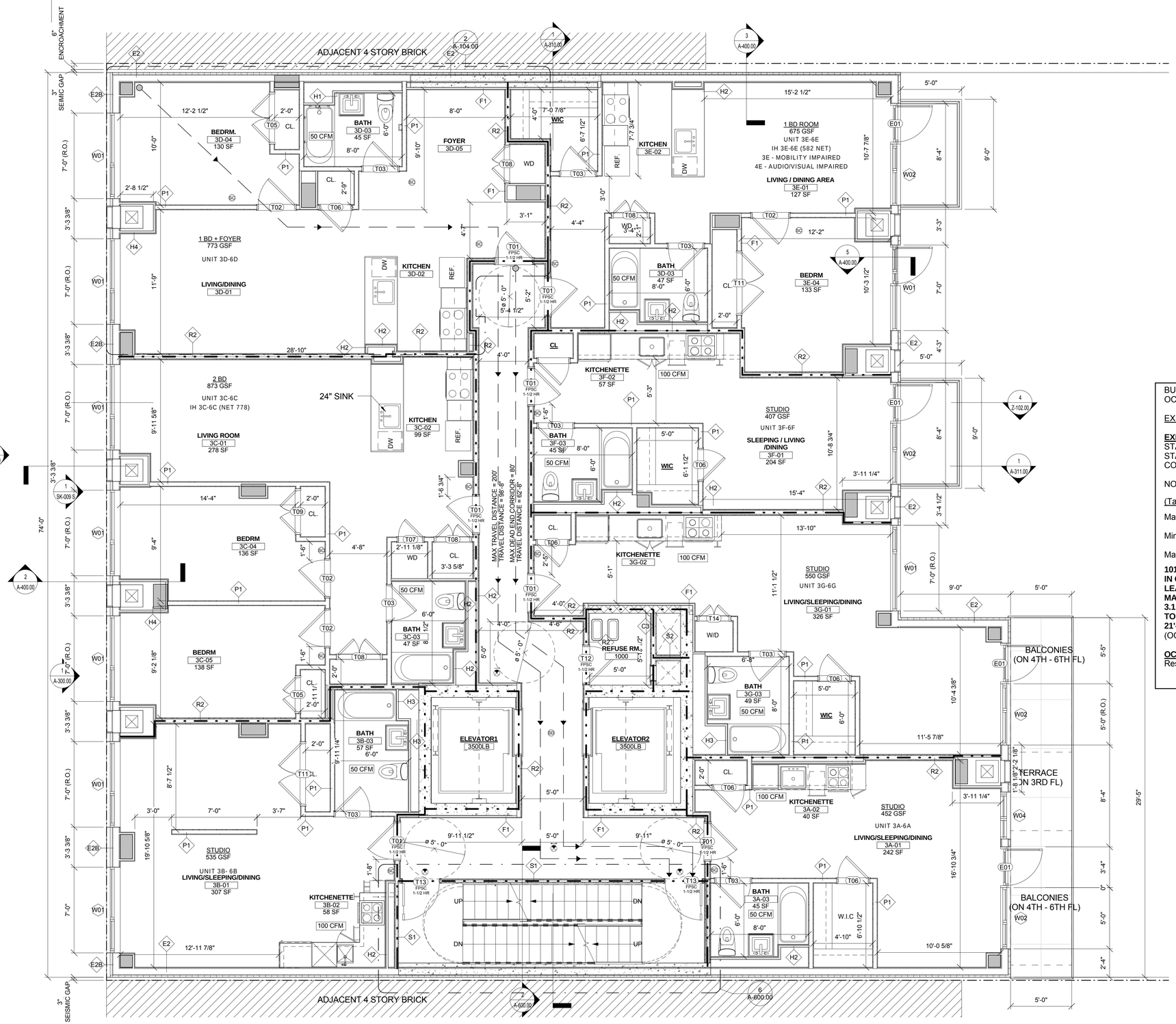
Drawing Title
2ND FLOOR PLAN SOUTH TOWER

Sign & Seal
REGISTERED ARCHITECT KENNETH A. BERNSTEIN 16854 STATE OF NEW YORK

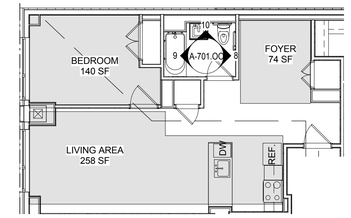
Drawing No.
A-103.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale As indicated	Checked by KBA	DOB sheet 20 OF 62

DOB NUMBER



1 3RD-6TH FLOOR
1/4" = 1'-0"



FOYER CALCULATION
UNIT 3D
As per Multiple Dwelling Law
Section 31.(5)

Proposed Living Room = 258 sf
Min Living room area= 132 x 20%=26
132+26 = 158
158 < 258 sf Complies
Proposed Bedroom = 140 sf
Min. Bedroom = 80 x 20% = 16
80+16 =96
96 < 140 sf Complies

Apartment Total sf = 655 SF

655 x 20 %= 131 sf

Proposed Foyer = 74 sf < 131 sf Complies

2 3D FOYER CALCULATIONS
1/8" = 1'-0"

BUILDING CODE ANALYSIS:
OCCUPANCY GROUP: R-2

EXIT CAPACITY PER TABLE 1005.1

EXIT TYPE	WIDTH	FACTOR	MAX CAPACITY
STAIR A & B	36"	.3" /OCC.	120 OCC/STAIR
STAIR DOORS	36"	.2" / OCC.	180 OCC/STAIR DOOR
CORRIDOR	60"	.2"/OCC.	300 OCC

NOTE: 2 EXITS PROVIDED AT GRADE FOR LESS THAN 500 OCCUPANTS PER BC 1018

(Table 1015.1 and BC 1016.3	REQUIRED	PROVIDED	
Maximum travel distance:	200'-0" max.	SEE PLAN	COMPLIES
Min. corridor width:	5'-0" min.	5'-0"	COMPLIES
Maximum Dead end corridor:	80'-0" max.	SEE PLAN	COMPLIES

1014.2.1 (EXCEPTION 3.1)
IN GROUP R-2 OCCUPANCIES, WHERE STAIRS ARE ENCLOSED IN WALLS HAVING AT LEAST A 2-HOUR FIRE RESISTANCE RATING AND CONSTRUCTED OF MASONRY OR MASONRY EQUIVALENT IN ACCORDANCE WITH DEPARTMENT RULES:
3.1 THE EXIT DOORS TO SUCH STAIRS SHALL BE PLACED A DISTANCE APART EQUAL TO NO LESS THAN 15 FEET
21'-3" > 15'-0" COMPLIES
(OCCUPANCY LOADS PER TABLE 1004.1.1

OCCUPANCY	SQ. FT. PER OCCUPANT	
Residential	200 GROSS	2ND FLR.= 5216/200 = 26 OCCUPANTS MAX
		3RD FLR.= 5216/200 = 26 OCCUPANTS MAX

LEGEND

1 HR RATED PARTITION
2 HR RATED PARTITION
3 HR RATED PARTITION
TRAVEL DISTANCE
DEAD END CORRIDOR

SYMBOL	DESCRIPTION
	WALL TAG
SD	SMOKE DETECTOR
CO	CARBON MONOXIDE/ SMOKE DETECTOR
H	HEAT DETECTOR
	EMERGENCY EXIT
	SECURITY CAMERA
1'-0"	ELEVATION CHANGE

Project
69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER: CORE CITY STONE 69 East 125th Street 60th Floor New York, NY 10019

STRUCTURAL ENGINEER: SHARON ENGINEERING 2 Park Place Suite 1A Long Island City, NY 11101

MEP ENGINEER: SHARON ENGINEERING 2 Park Place Suite 1A Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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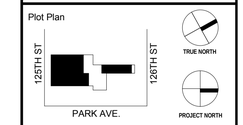
Issuance Schedule

No.	Date	Description
	12/31/2013	ISSUE FOR FILING
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

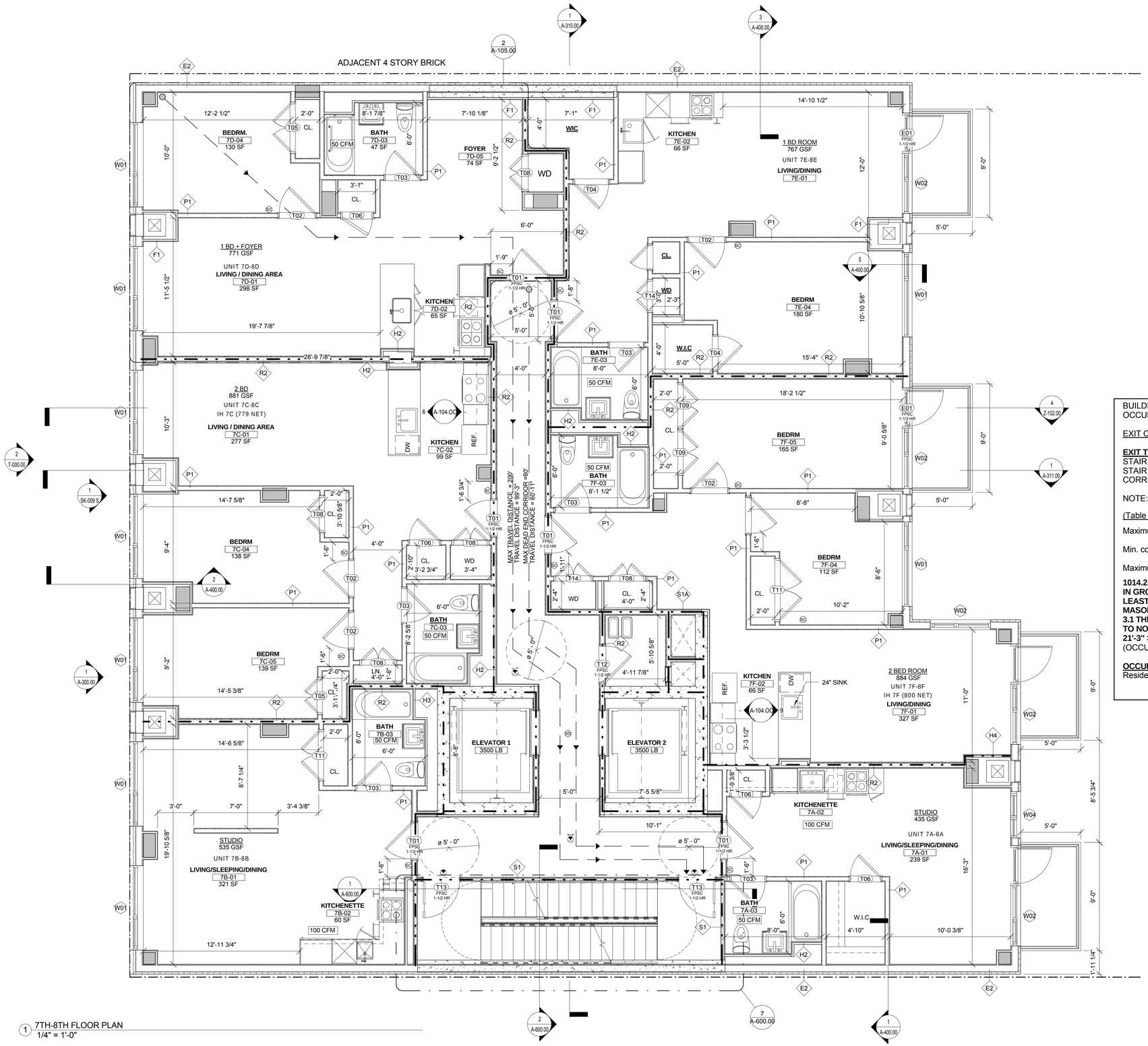
Drawing Title
3RD - 6TH FLOOR PLAN SOUTH TOWER

Sign & Seal
REGISTERED ARCHITECT KUTNICKI BERNSTEIN 16854 STATE OF NEW YORK

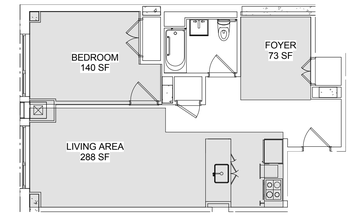
Drawing No.
A-104.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale As indicated	Checked by KBA	DOB sheet 21 OF 62

DOB NUMBER



1 7TH-8TH FLOOR PLAN
1/4" = 1'-0"



FOYER CALCULATION
UNIT 7TH-8TH
As per Multiple Dwelling Law
Section 31.(5)

Proposed Living Room = 288 sf
Min Living room area= 132 x 20%=26
132+26 = 158
158 < 288 sf Complies
Proposed Bedroom = 140 sf
Min. Bedroom = 80 x 20% = 16
80+16 =96
96 < 140 sf Complies

Apartment Total sf = 655 SF

655 x 20 %= 131 sf

Proposed Foyer = 73 sf < 131 sf Complies

2 Callout of 7TH-8TH FLOOR PLAN
1/8" = 1'-0"

BUILDING CODE ANALYSIS:
OCCUPANCY GROUP: R-2

EXIT CAPACITY PER TABLE 1005.1

EXIT TYPE	WIDTH	FACTOR	MAX CAPACITY
STAIR A & B	36"	.3" /OCC.	120 OCC/STAIR
STAIR DOORS	36"	.2" / OCC.	180 OCC/STAIR DOOR
CORRIDOR	60"	.2"/OCC.	300 OCC

NOTE: 2 EXITS PROVIDED AT GRADE FOR LESS THAN 500 OCCUPANTS PER BC 1018

(Table 1015.1 and BC 1016.3	REQUIRED	PROVIDED	
Maximum travel distance:	200'-0" max.	SEE PLAN	COMPLIES
Min. corridor width:	5'-0" min.	5'-0"	COMPLIES
Maximum Dead end corridor:	80'-0" max.	SEE PLAN	COMPLIES

1014.2.1 (EXCEPTION 3.1)
IN GROUP R-2 OCCUPANCIES, WHERE STAIRS ARE ENCLOSED IN WALLS HAVING AT LEAST A 2-HOUR FIRE RESISTANCE RATING AND CONSTRUCTED OF MASONRY OR MASONRY EQUIVALENT IN ACCORDANCE WITH DEPARTMENT RULES:
3.1 THE EXIT DOORS TO SUCH STAIRS SHALL BE PLACED A DISTANCE APART EQUAL TO NO LESS THAN 15 FEET
21'-3" > 15'-0" COMPLIES
(OCCUPANCY LOADS PER TABLE 1004.1.1

OCCUPANCY	SQ. FT. PER OCCUPANT	
Residential	200 GROSS	5101/200 = 25 OCCUPANTS MAX

LEGEND

1 HR RATED PARTITION
2 HR RATED PARTITION
3 HR RATED PARTITION
TRAVEL DISTANCE
DEAD END CORRIDOR

SYMBOL	DESCRIPTION
	WALL TAG
SD	SMOKE DETECTOR
SC	CARBON MONOXIDE/ SMOKE DETECTOR
H	HEAT DETECTOR
	EMERGENCY EXIT
	SECURITY CAMERA
	ELEVATION CHANGE

Project
69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

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MEP ENGINEER: SHARON ENGINEERING 2 Park Avenue, Suite 1 Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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Issuance Schedule

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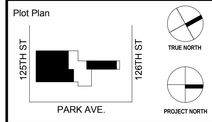
Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

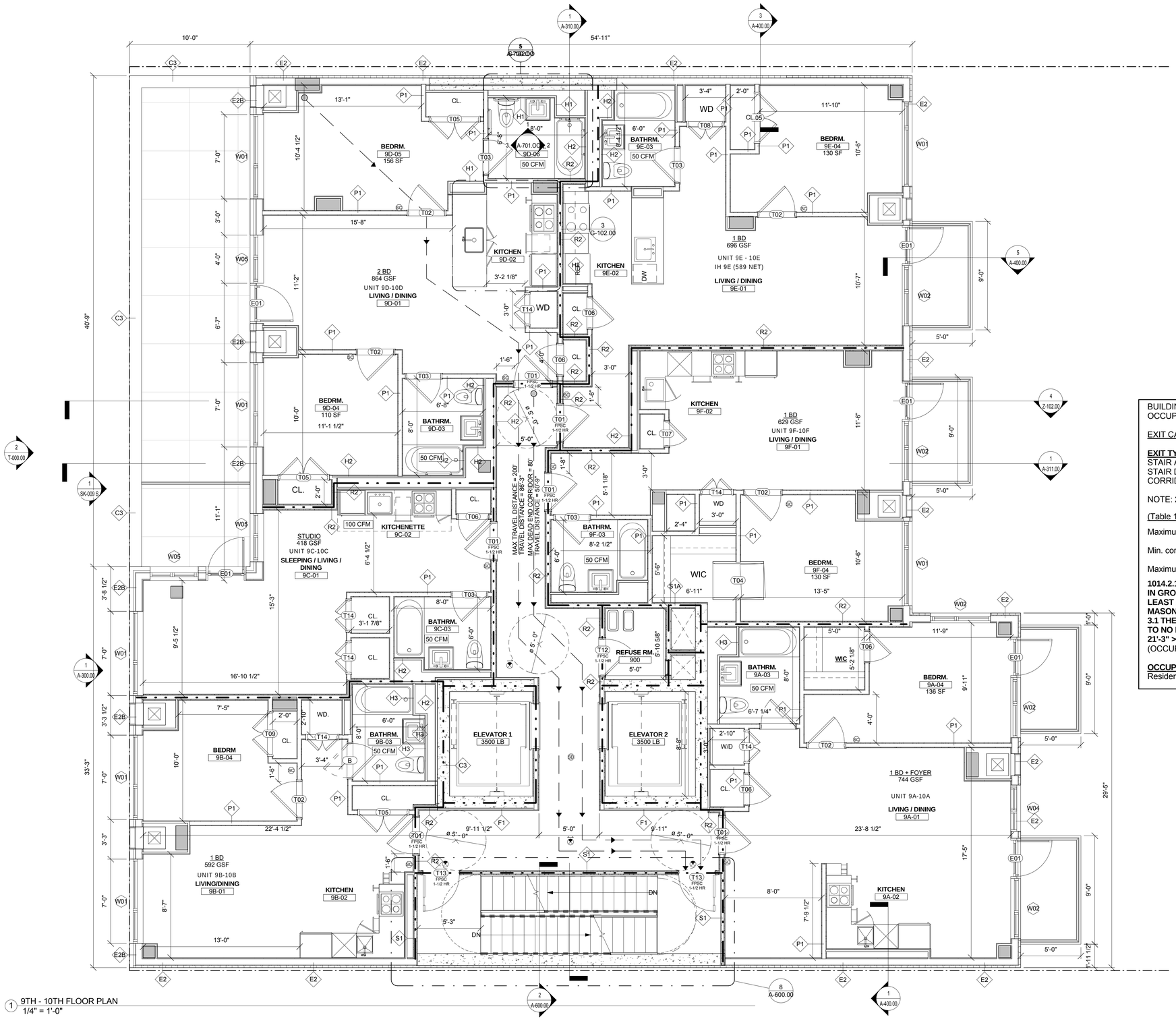
Drawing Title
7TH-8TH FLOOR TYPICAL SOUTH TOWER

Sign & Seal
REGISTERED ARCHITECT JOHN KUTNICKI STATE OF NEW YORK 18654

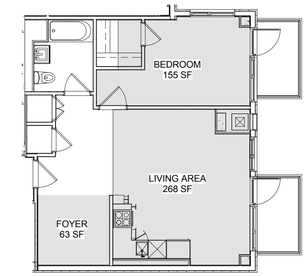
Drawing No.
A-105.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale As indicated	Checked by KBA	DOB sheet 22 OF 62

DOB NUMBER



1 9TH - 10TH FLOOR PLAN
1/4" = 1'-0"



FOYER CALCULATION
UNIT 9A-10A
As per Multiple Dwelling Law
Section 31.(5)

Proposed Living Room = 268 sf
Min Living room area= 132 x 20%=26
132+26 = 158
158 < 268 sf Complies
Proposed Bedroom = 155 sf
Min. Bedroom = 80 x 20% = 16
80+16 =96
96 < 155 sf Complies

Apartment Total sf = 744 SF

744 x 20 %= 149 sf

Proposed Foyer = 63 sf < 149 sf Complies

2 9A-10A FOYER CALCULATIONS
1/8" = 1'-0"

BUILDING CODE ANALYSIS:
OCCUPANCY GROUP: R-2

EXIT CAPACITY PER TABLE 1005.1

EXIT TYPE	WIDTH	FACTOR	MAX CAPACITY
STAIR A & B	36"	.3" /OCC.	120 OCC/STAIR
STAIR DOORS	36"	.2" / OCC.	180 OCC/STAIR DOOR
CORRIDOR	60"	.2"/OCC.	300 OCC

NOTE: 2 EXITS PROVIDED AT GRADE FOR LESS THAN 500 OCCUPANTS PER BC 1018

(Table 1015.1 and BC 1016.3	REQUIRED	PROVIDED	
Maximum travel distance:	200'-0" max.	SEE PLAN	COMPLIES
Min. corridor width:	5'-0" min.	5'-0"	COMPLIES
Maximum Dead end corridor:	80'-0" max.	SEE PLAN	COMPLIES

1014.2.1 (EXCEPTION 3.1)
IN GROUP R-2 OCCUPANCIES, WHERE STAIRS ARE ENCLOSED IN WALLS HAVING AT LEAST A 2-HOUR FIRE RESISTANCE RATING AND CONSTRUCTED OF MASONRY OR MASONRY EQUIVALENT IN ACCORDANCE WITH DEPARTMENT RULES:
3.1 THE EXIT DOORS TO SUCH STAIRS SHALL BE PLACED A DISTANCE APART EQUAL TO NO LESS THAN 15 FEET
21'-3" > 15'-0" COMPLIES
(OCCUPANCY LOADS PER TABLE 1004.1.1

OCCUPANCY	SQ. FT. PER OCCUPANT	
Residential	200 GROSS	4661/200 = 23 OCCUPANTS MAX

LEGEND

1 HR RATED PARTITION
2 HR RATED PARTITION
3 HR RATED PARTITION
TRAVEL DISTANCE
DEAD END CORRIDOR

SYMBOL	DESCRIPTION
	WALL TAG
SD	SMOKE DETECTOR
SC	CARBON MONOXIDE/ SMOKE DETECTOR
H	HEAT DETECTOR
	EMERGENCY EXIT
	SECURITY CAMERA
1'-0"	ELEVATION CHANGE

Project
69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER: CORE SYSTOME 69 East 125th Street 60th Floor New York, NY 10019

STRUCTURAL ENGINEER: SHARON ENGINEERING 21-41 44th Drive Long Island City, NY 11101

MEP ENGINEER: SHARON ENGINEERING 21-41 44th Drive Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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Issuance Schedule

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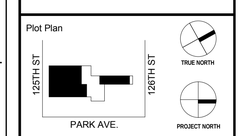
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

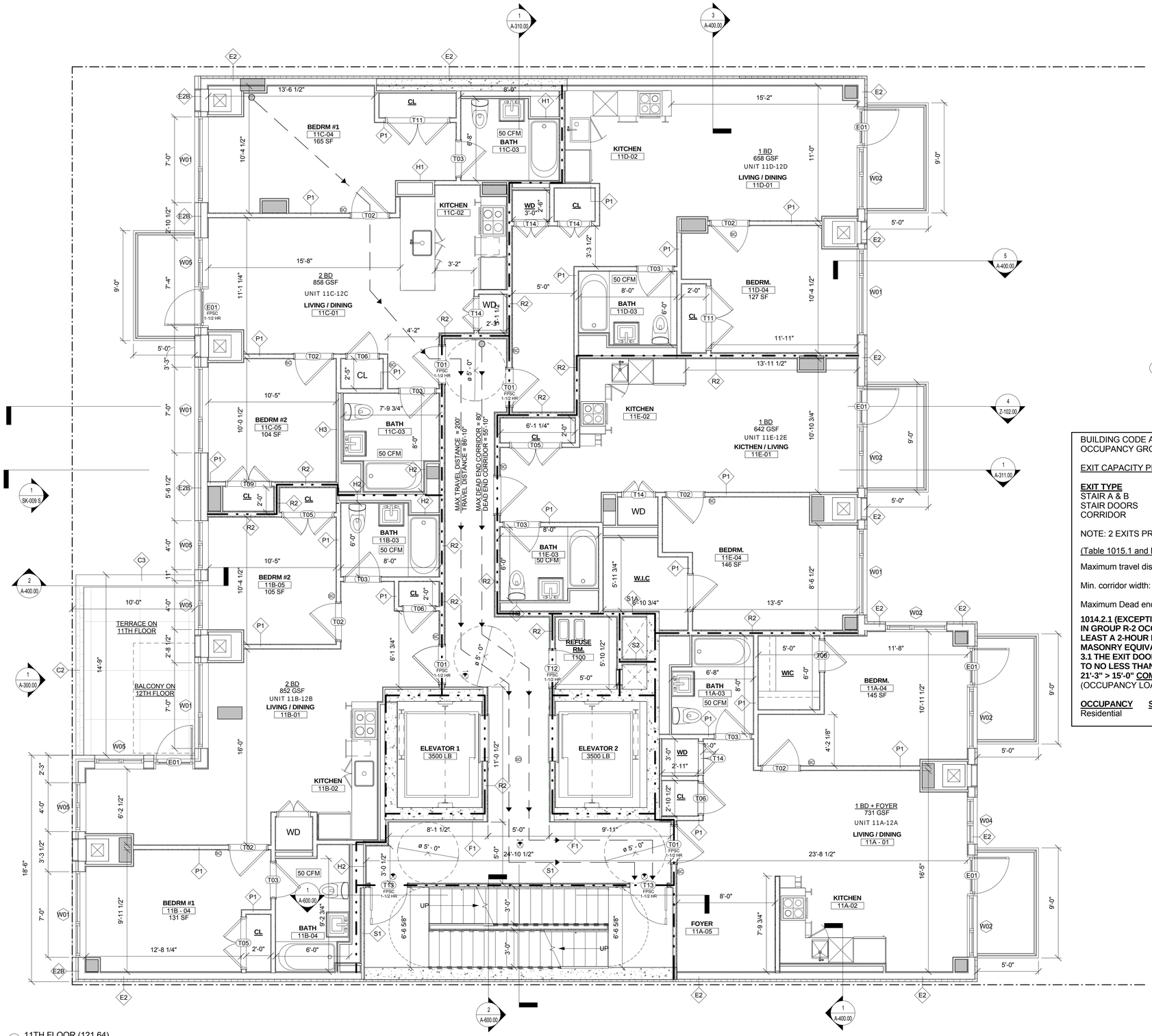
Drawing Title
9TH - 10TH FLOOR PLAN
SOUTH TOWER

Sign & Seal
REGISTERED ARCHITECT
JOHN KUTNICKI
STATE OF NEW YORK

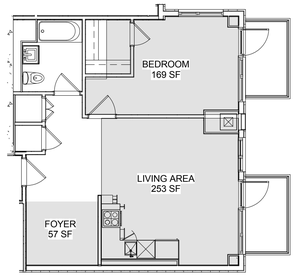
Drawing No.
A-106.00

Date	Drawn by	Job No.
01/29/15	KBA	2014-079
Sheet scale: As indicated	Checked by: KBA	DOB sheet: 23 OF 62

DOB NUMBER



1 11TH FLOOR (121.64)
1/4" = 1'-0"



FOYER CALCULATION
UNIT 11A-12A
As per Multiple Dwelling Law
Section 31.(5)

Proposed Living Room = 253 sf
Min Living room area= 132 x 20%=26
132+26 = 158
158 < 253 sf Complies
Proposed Bedroom = 169 sf
Min. Bedroom = 80 x 20% = 16
80+16 =96
96 < 169 sf Complies

Apartment Total sf = 731 SF

731 x 20 %= 146 sf

Proposed Foyer = 57 sf < 146 sf Complies

2 11A-12A FOYER CALCULATIONS
1/8" = 1'-0"

BUILDING CODE ANALYSIS:
OCCUPANCY GROUP: R-2

EXIT CAPACITY PER TABLE 1005.1

EXIT TYPE	WIDTH	FACTOR	MAX CAPACITY
STAIR A & B	36"	.3" /OCC.	120 OCC/STAIR
STAIR DOORS	36"	.2" / OCC.	180 OCC/STAIR DOOR
CORRIDOR	60"	.2"/OCC.	300 OCC

NOTE: 2 EXITS PROVIDED AT GRADE FOR LESS THAN 500 OCCUPANTS PER BC 1018

(Table 1015.1 and BC 1016.3	REQUIRED	PROVIDED	
Maximum travel distance:	200'-0" max.	SEE PLAN	COMPLIES
Min. corridor width:	5'-0" min.	5'-0"	COMPLIES
Maximum Dead end corridor:	80'-0" max.	SEE PLAN	COMPLIES

1014.2.1 (EXCEPTION 3.1)
IN GROUP R-2 OCCUPANCIES, WHERE STAIRS ARE ENCLOSED IN WALLS HAVING AT LEAST A 2-HOUR FIRE RESISTANCE RATING AND CONSTRUCTED OF MASONRY OR MASONRY EQUIVALENT IN ACCORDANCE WITH DEPARTMENT RULES:
3.1 THE EXIT DOORS TO SUCH STAIRS SHALL BE PLACED A DISTANCE APART EQUAL TO NO LESS THAN 15 FEET
21'-3" > 15'-0" COMPLIES
(OCCUPANCY LOADS PER TABLE 1004.1.1

OCCUPANCY	SQ. FT. PER OCCUPANT	
Residential	200 GROSS	4516/200 = 22 OCCUPANTS MAX

LEGEND

1 HR RATED PARTITION
2 HR RATED PARTITION
3 HR RATED PARTITION
TRAVEL DISTANCE
DEAD END CORRIDOR

SYMBOL	DESCRIPTION
	WALL TAG
SD	SMOKE DETECTOR
CO	CARBON MONOXIDE/ SMOKE DETECTOR
H	HEAT DETECTOR
	EMERGENCY EXIT
	SECURITY CAMERA
1'-0"	ELEVATION CHANGE

Project
69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

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MEP ENGINEER: SHARON ENGINEERING 2 Park Place Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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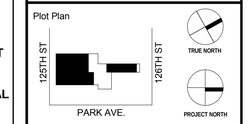
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

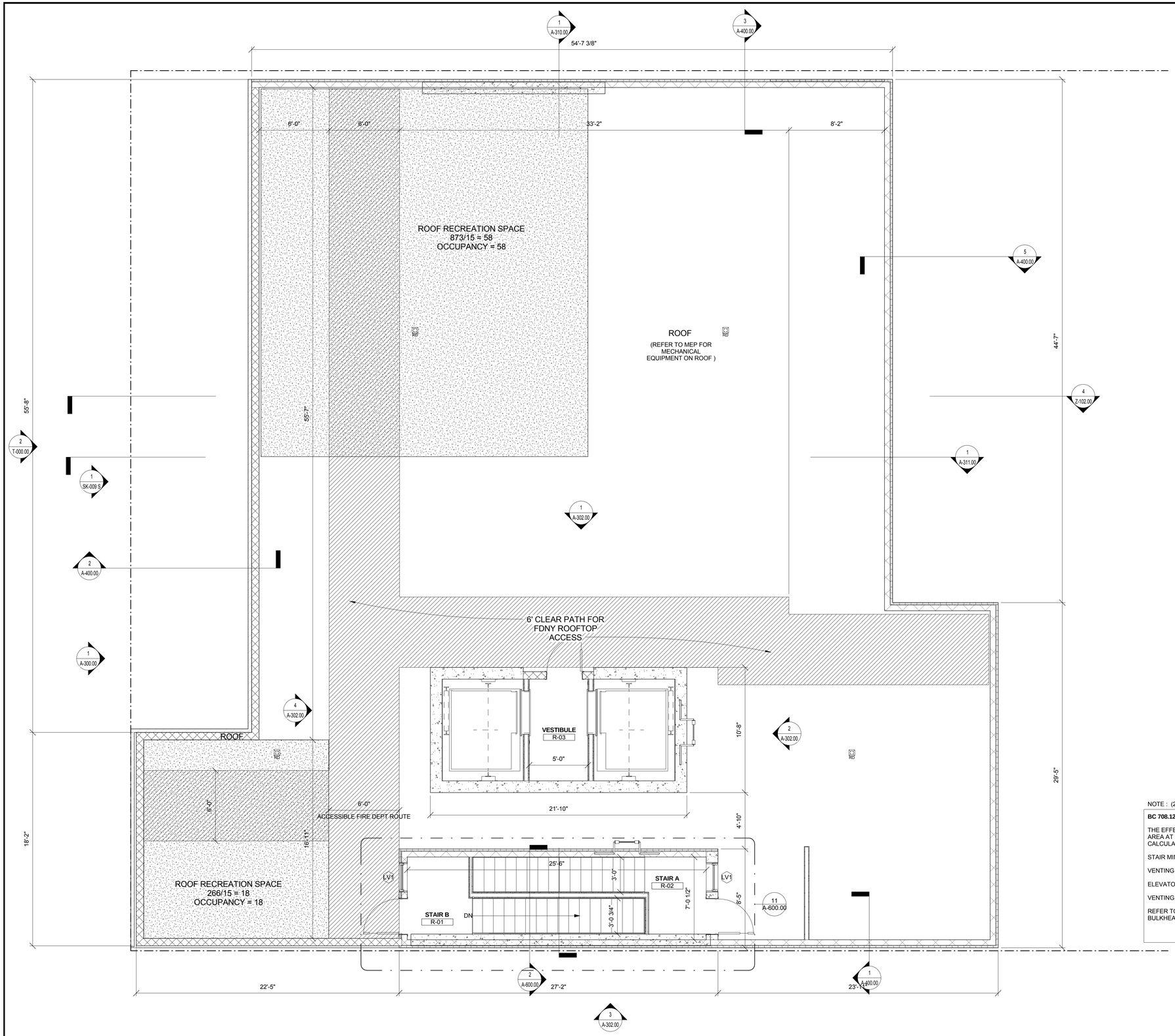
Drawing Title
11TH - 12TH FLOOR PLAN
SOUTH TOWER

Sign & Seal
REGISTERED ARCHITECT
ROBERT J. KUTNICKI
16854
STATE OF NEW YORK

Drawing No.
A-107.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale As indicated	Checked by KBA	DOB sheet 24 OF 62

DOB NUMBER



1 ROOF PLAN
1/4" = 1'-0"

LEGEND

1 HR RATED PARTITION

2 HR RATED PARTITION

3 HR RATED PARTITION

TRAVEL DISTANCE

DEAD END CORRIDOR

SYMBOL	DESCRIPTION
	WALL TAG
SD	SMOKE DETECTOR
SCD	CARBON MONOXIDE/ SMOKE DETECTOR
H	HEAT DETECTOR
	EMERGENCY EXIT
	SECURITY CAMERA
8'-0"	ELEVATION CHANGE

NOTE : (2014 BUILDING CODE)

BC 708.12.1.2 - SMOKE VENT DIMENSION

THE EFFECTIVE VENTING AREA SHALL NOT BE LESS THAN 3 1/2 PERCENT OF THE MAXIMUM SHAFT AREA AT ANY FLOOR, BUT IN NO EVENT LESS THAN 72 SQUARE INCHES SMOKE VENT DIMENSION CALCULATION:

STAIR MIN. REQUIRED VENTING AREA: (25'2" x 6'6") x 3.5% = 6 SF

VENTING AREA PROVIDED: 10 SF > 6 SF COMPLIES

ELEVATOR MIN REQUIRED VENTING AREA : (6'11" X 8'8") X 3.5% =2 SF

VENTING AREA PROVIDED: 4 SF COMPLIES

REFER TO WINDOW SCHEDULE FOR SIZES OF WINDOWS AND LOUVER AT STAIRS AND ELEVATOR BULKHEADS

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER: CORE 69 STONE
CORE 69 STONE Street
69th Floor
New York, NY 10019

STRUCTURAL ENGINEER: SHARON ENGINEERING
SHARON ENGINEERING
Long Island City, NY 11101

MEP ENGINEER: SHARON ENGINEERING
SHARON ENGINEERING
Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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Issuance Schedule

No.	Date	Description
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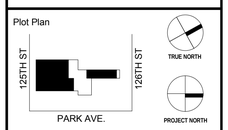
Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

ROOF PLAN SOUTH TOWER

Sign & Seal

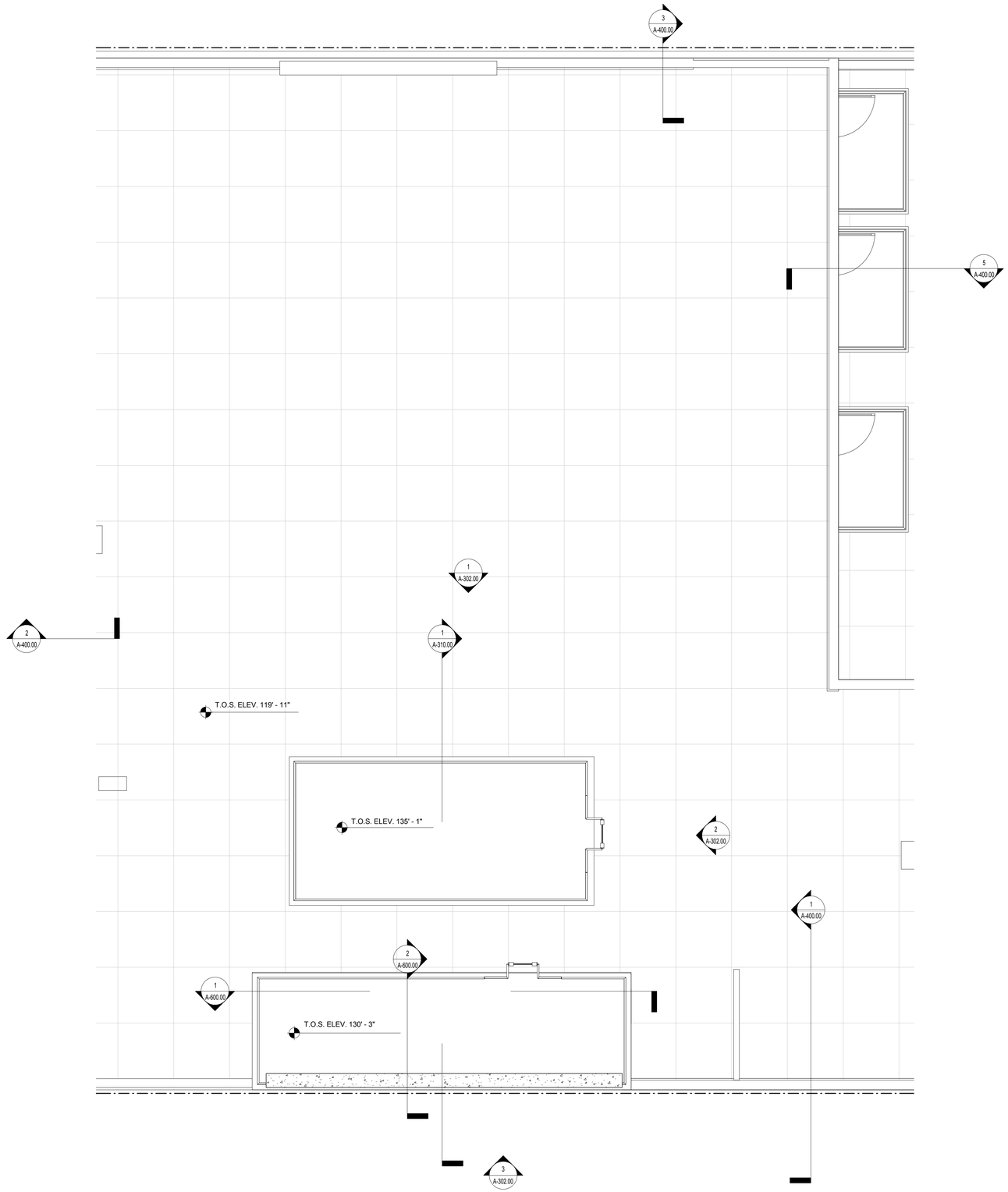
REGISTERED ARCHITECT KUTNICKI BERNSTEIN 16854 STATE OF NEW YORK

Drawing No.

A-108.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/4" = 1'-0"	Checked by KBA	DOB sheet 25 OF 62

DOB NUMBER



1 T.O. ELEVATOR BULKHEAD SOUTH
1/4" = 1'-0"

LEGEND

1 HR RATED PARTITION

2 HR RATED PARTITION

3 HR RATED PARTITION

TRAVEL DISTANCE

DEAD END CORRIDOR

SYMBOL	DESCRIPTION
	WALL TAG
SD	SMOKE DETECTOR
SC	CARBON MONOXIDE/ SMOKE DETECTOR
H	HEAT DETECTOR
	EMERGENCY EXIT
	SECURITY CAMERA
1'-0"	ELEVATION CHANGE

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER:
FORT STYTONE
125 East 125th Street
6th Floor
New York, NY 10019

STRUCTURAL ENGINEER:
SHARON ENGINEERING
P.O. Box 1000
Long Island City, NY 11101

MEP ENGINEER:
SHARON ENGINEERING
P.O. Box 1000
Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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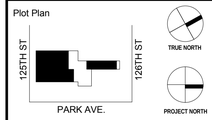
Issuance Schedule

No.	Date	Description
	12/31/2013	ISSUE FOR FILING
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

BULKHEAD PLAN SOUTH TOWER

Sign & Seal

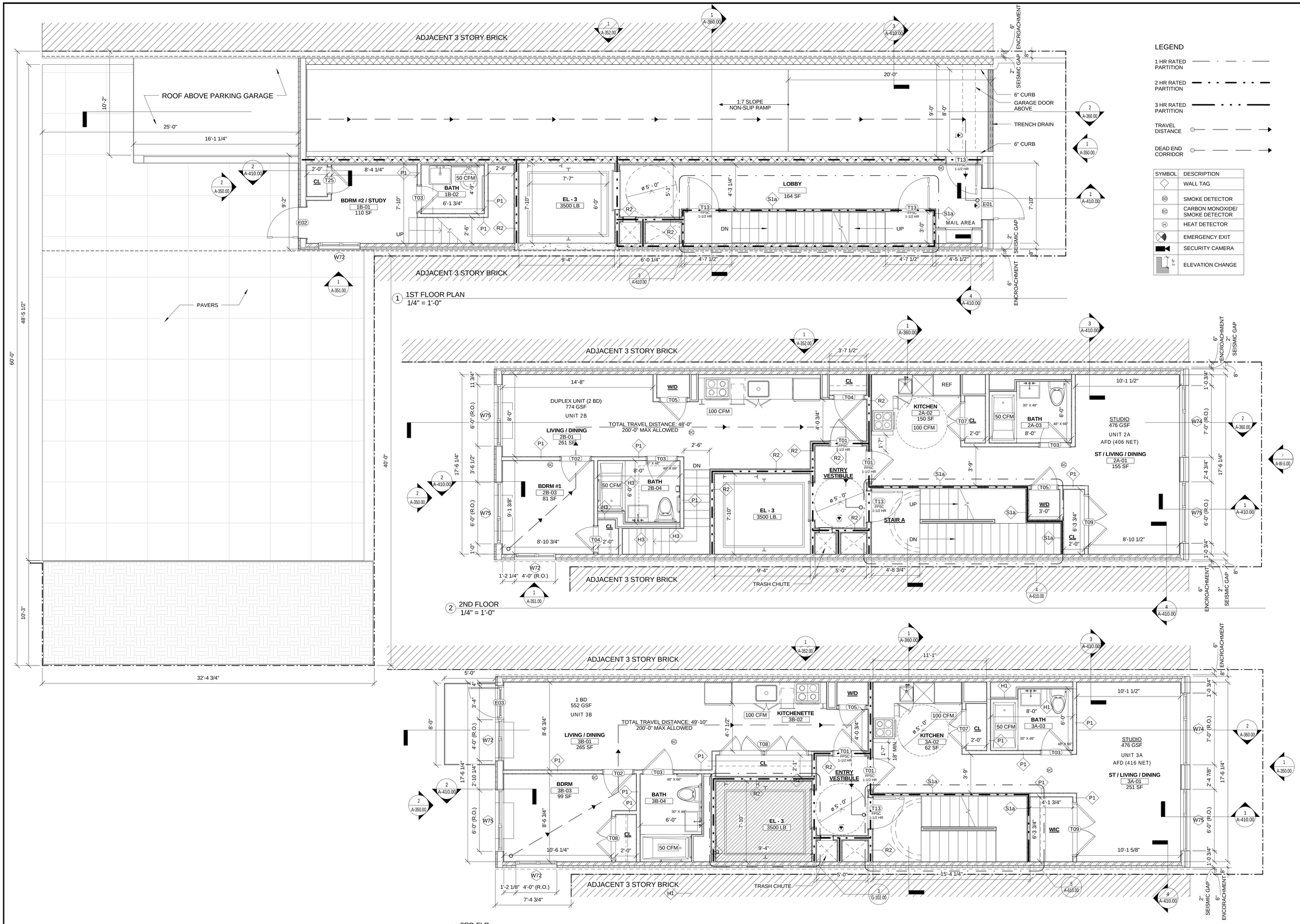
REGISTERED ARCHITECT
JOHN KUTNICKI
STATE OF NEW YORK
18854

Drawing No.

A-109.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/4" = 1'-0"	Checked by KBA	DOB sheet 26 OF 62

DOB NUMBER



LEGEND

1 HR RATED PARTITION
2 HR RATED PARTITION
3 HR RATED PARTITION
TRAVEL DISTANCE
DEAD END CORRIDOR

SYMBOL	DESCRIPTION
	WALL TAG
SD	SMOKE DETECTOR
SC	CARBON MONOXIDE/ SMOKE DETECTOR
H	HEAT DETECTOR
	EMERGENCY EXIT
	SECURITY CAMERA
1'-0"	ELEVATION CHANGE

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER: CORE CITY STORE 625 Fifth Avenue, 6th Floor New York, NY 10019

STRUCTURAL ENGINEER: SHARON ENGINEERING 2 Park Avenue, 20th Floor New York, NY 10016

MEP ENGINEER: SHARON ENGINEERING 2 Park Avenue, 20th Floor New York, NY 10016

INTERIOR DESIGN: Long Island City, NY 11101

LANDSCAPE DESIGN: Long Island City, NY 11101

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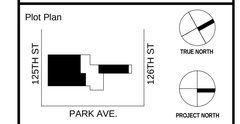
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

1ST FLOOR - 3RD FLOOR PLANS

Sign & Seal

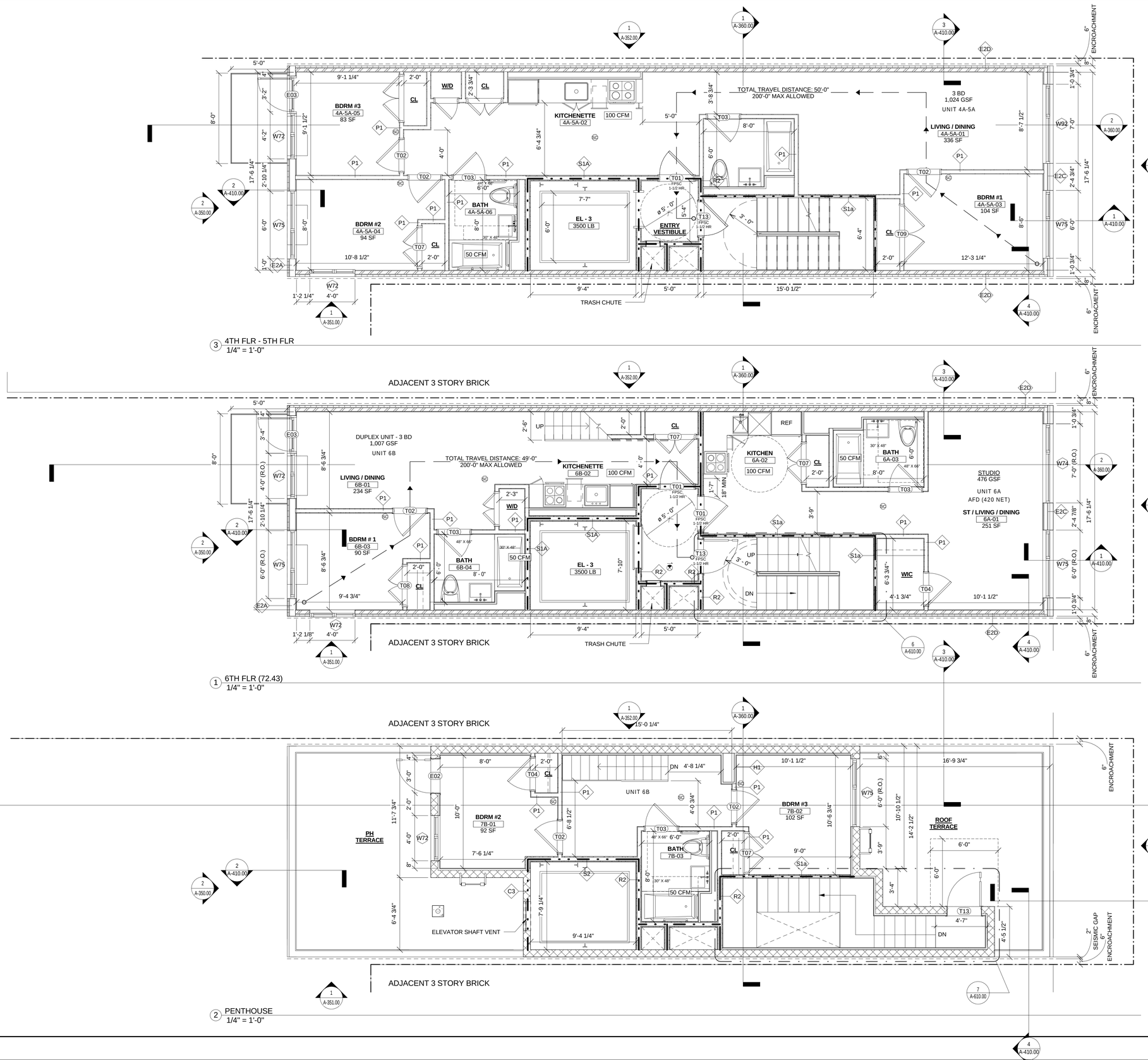
REGISTERED ARCHITECT KUTNICKI BERNSTEIN 16854 STATE OF NEW YORK

Drawing No.

A-110.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/4" = 1'-0"	Checked by KBA	DOB sheet 27 OF 62

DOB NUMBER



3 4TH FLR - 5TH FLR
1/4" = 1'-0"

1 6TH FLR (72.43)
1/4" = 1'-0"

2 PENTHOUSE
1/4" = 1'-0"

LEGEND

1 HR RATED PARTITION

2 HR RATED PARTITION

3 HR RATED PARTITION

TRAVEL DISTANCE

DEAD END CORRIDOR

SYMBOL	DESCRIPTION
	WALL TAG
SD	SMOKE DETECTOR
CO	CARBON MONOXIDE/ SMOKE DETECTOR
H	HEAT DETECTOR
	EMERGENCY EXIT
	SECURITY CAMERA
1'-0"	ELEVATION CHANGE

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER: GSRS SYSTORE 69 East 125th Street 60th Floor New York, NY 10019

STRUCTURAL ENGINEER: SHARON ENGINEERING 2 Park Avenue, 20th Floor Long Island City, NY 11101

MEP ENGINEER: SHARON ENGINEERING 2 Park Avenue, 20th Floor Long Island City, NY 11101

INTERIOR DESIGN: KUTNICKI BERNSTEIN ARCHITECTS

LANDSCAPE DESIGN:

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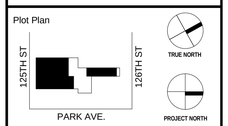
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

4TH - PENTHOUSE
FLOOR PLANS

Sign & Seal

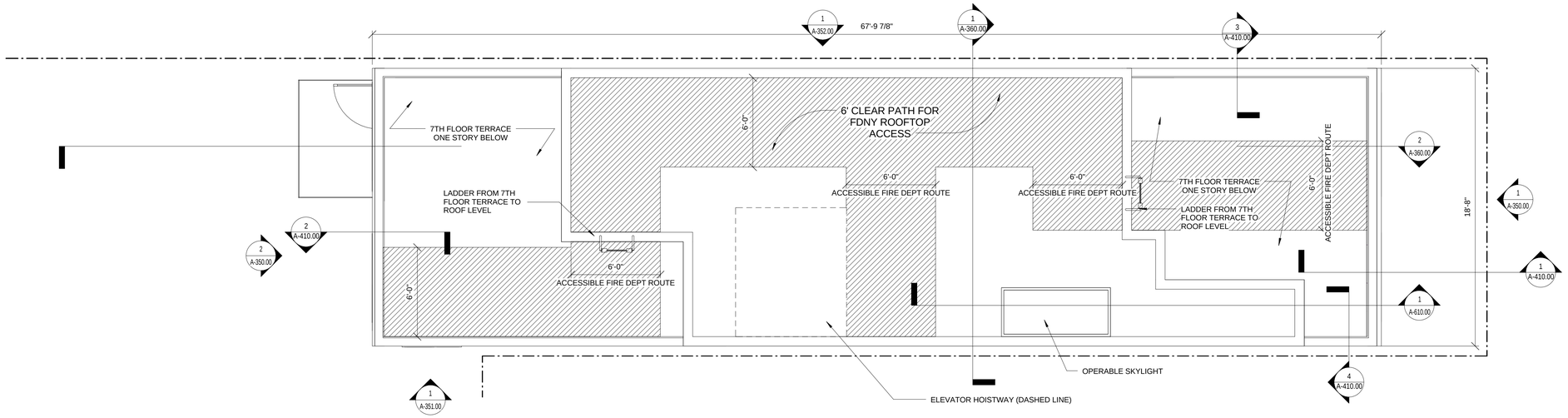
REGISTERED ARCHITECT
RUDOLF KUTNICKI
16854
STATE OF NEW YORK

Drawing No.

A-111.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/4" = 1'-0"	Checked by KBA	DOB sheet 28 OF 62

DOB NUMBER



1 ROOF PLAN
1/4" = 1'-0"

LEGEND

1 HR RATED PARTITION

2 HR RATED PARTITION

3 HR RATED PARTITION

TRAVEL DISTANCE

DEAD END CORRIDOR

SYMBOL	DESCRIPTION
	WALL TAG
SD	SMOKE DETECTOR
CO SD	CARBON MONOXIDE/ SMOKE DETECTOR
H	HEAT DETECTOR
	EMERGENCY EXIT
	SECURITY CAMERA
-0" 1	ELEVATION CHANGE

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

LANDSCAPE DESIGN:

INTERIOR DESIGN:

MEP ENGINEER:
SHARON ENGINEERING
25 Jericho Turnpike, Suite 107
Long Island City, NY 11101

STRUCTURAL ENGINEER:
SHARON ENGINEERING
25 Jericho Turnpike, Suite 107
Long Island City, NY 11101

OWNER:
CORETYSTONE
69 East 125th Street
60th Floor
New York, NY 10019

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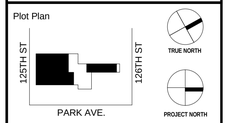
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

ROOF PLAN

Sign & Seal

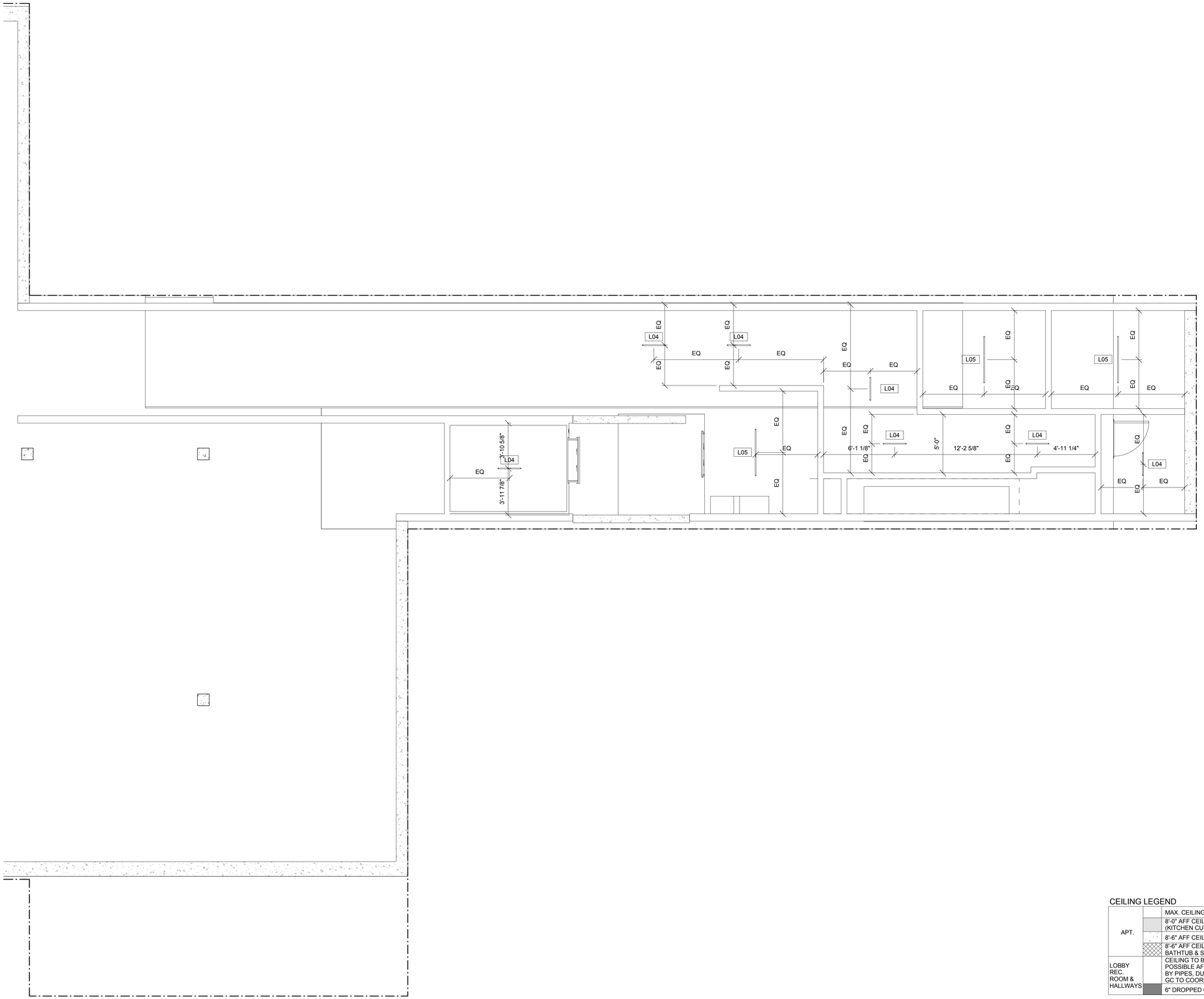
REGISTERED ARCHITECT
KUTNICKI, BERNSTEIN
18854
STATE OF NEW YORK

Drawing No.

A-112.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/4" = 1'-0"	Checked by KBA	DOB sheet 29 OF 62

DOB NUMBER



1 CELLAR NORTH (1)
1/4" = 1'-0"

CEILING LEGEND

APT.		MAX. CEILING HEIGHT (9'-1")
		8'-0" AFF CEILING HEIGHT (KITCHEN CUTOUT)
		8'-6" AFF CEILING HEIGHT
		8'-6" AFF CEILING HEIGHT (@ BATHTUB & SHOWER)
LOBBY REC. ROOM & HALLWAYS		CEILING TO BE AS HIGH AS POSSIBLE AFF, MAX. DROP TBD BY PIPES, DUCTS, AND LIGHTING. GC TO COORDINATE.
		6" DROPPED CEILING

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER:
CORE CITY ZONE
125 East 125th Street
6th Floor
New York, NY 10019

STRUCTURAL ENGINEER:
SHARON ENGINEERING
2-17 Jackson Avenue
Long Island City, NY 11101

MEP ENGINEER:
SHARON ENGINEERING
2-17 Jackson Avenue
Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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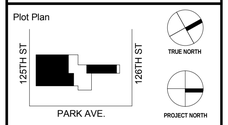
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

CELLAR NORTH RCP

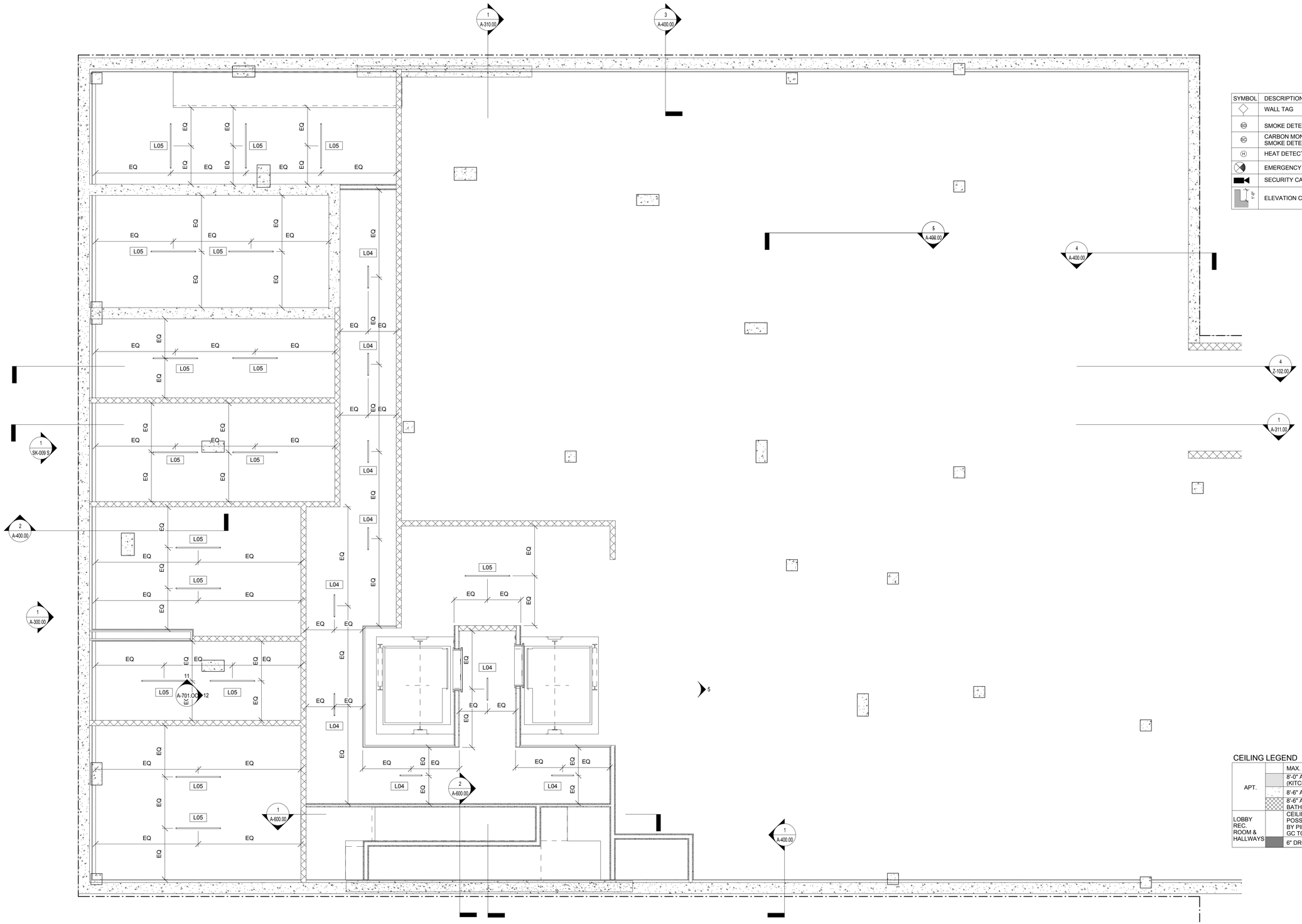
Sign & Seal

Drawing No.

A-200.00-N

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/4" = 1'-0"	Checked by KBA	DOB sheet 30 OF 62

DOB NUMBER



SYMBOL	DESCRIPTION
	WALL TAG
SD	SMOKE DETECTOR
SC	CARBON MONOXIDE/ SMOKE DETECTOR
H	HEAT DETECTOR
	EMERGENCY EXIT
	SECURITY CAMERA
1'-0"	ELEVATION CHANGE

CEILING LEGEND

APT.		MAX. CEILING HEIGHT (9'-1")
		8'-0" AFF CEILING HEIGHT (KITCHEN CUTOUT)
		8'-6" AFF CEILING HEIGHT
		8'-6" AFF CEILING HEIGHT (@ BATHTUB & SHOWER)
LOBBY REC. ROOM & HALLWAYS		CEILING TO BE AS HIGH AS POSSIBLE AFF. MAX. DROP TBD BY PIPES, DUCTS, AND LIGHTING. GC TO COORDINATE.
		6" DROPPED CEILING

1 CELLAR SOUTH (11.89)
1/4" = 1'-0"

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER:
CORE SYSTOME
125 East 125th Street
6th Floor
New York, NY 10019

STRUCTURAL ENGINEER:
SHARON ENGINEERING
P.O. Box 1000 Street
Long Island City, NY 11101

MEP ENGINEER:
SHARON ENGINEERING
P.O. Box 1000 Street
Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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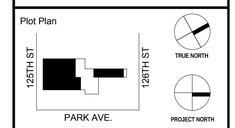
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

CELLAR SOUTH RCP

Sign & Seal

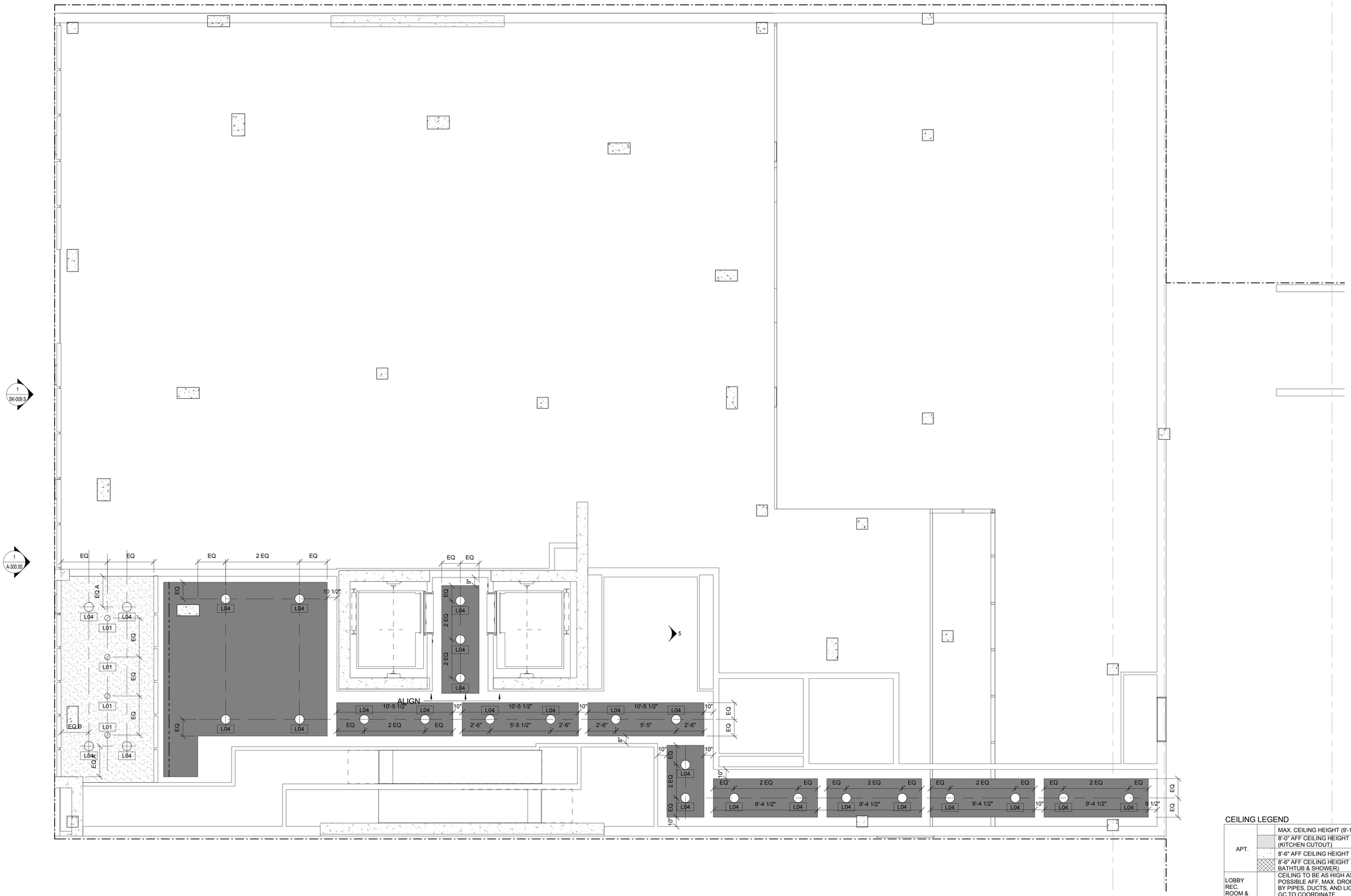
Drawing No.

A-200.00-S

Date	Drawn by	Job No.
01/29/15	KBA	2014-079

Sheet scale	Checked by	DOB sheet
1/4" = 1'-0"	KBA	31 OF 62

DOB NUMBER



1 1ST FLOOR (21.89)
1/4" = 1'-0"

CEILING LEGEND

APT.		MAX. CEILING HEIGHT (9'-1")
		8'-0" AFF CEILING HEIGHT (KITCHEN CUTOUT)
		8'-6" AFF CEILING HEIGHT
		8'-6" AFF CEILING HEIGHT (@ BATHTUB & SHOWER)
LOBBY REC. ROOM & HALLWAYS		CEILING TO BE AS HIGH AS POSSIBLE AFF, MAX. DROP TBD BY PIPES, DUCTS, AND LIGHTING. GC TO COORDINATE.
		6" DROPPED CEILING

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER:
CORE/STONE
125 East 125th Street
6th Floor
New York, NY 10019

STRUCTURAL ENGINEER:
SHARON ENGINEERING
P.C. 27-01 Jackson Ave.
Long Island City, NY 11101

MEP ENGINEER:
SHARON ENGINEERING
P.C. 27-01 Jackson Ave.
Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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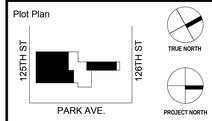
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

1ST FLOOR SOUTH RCP

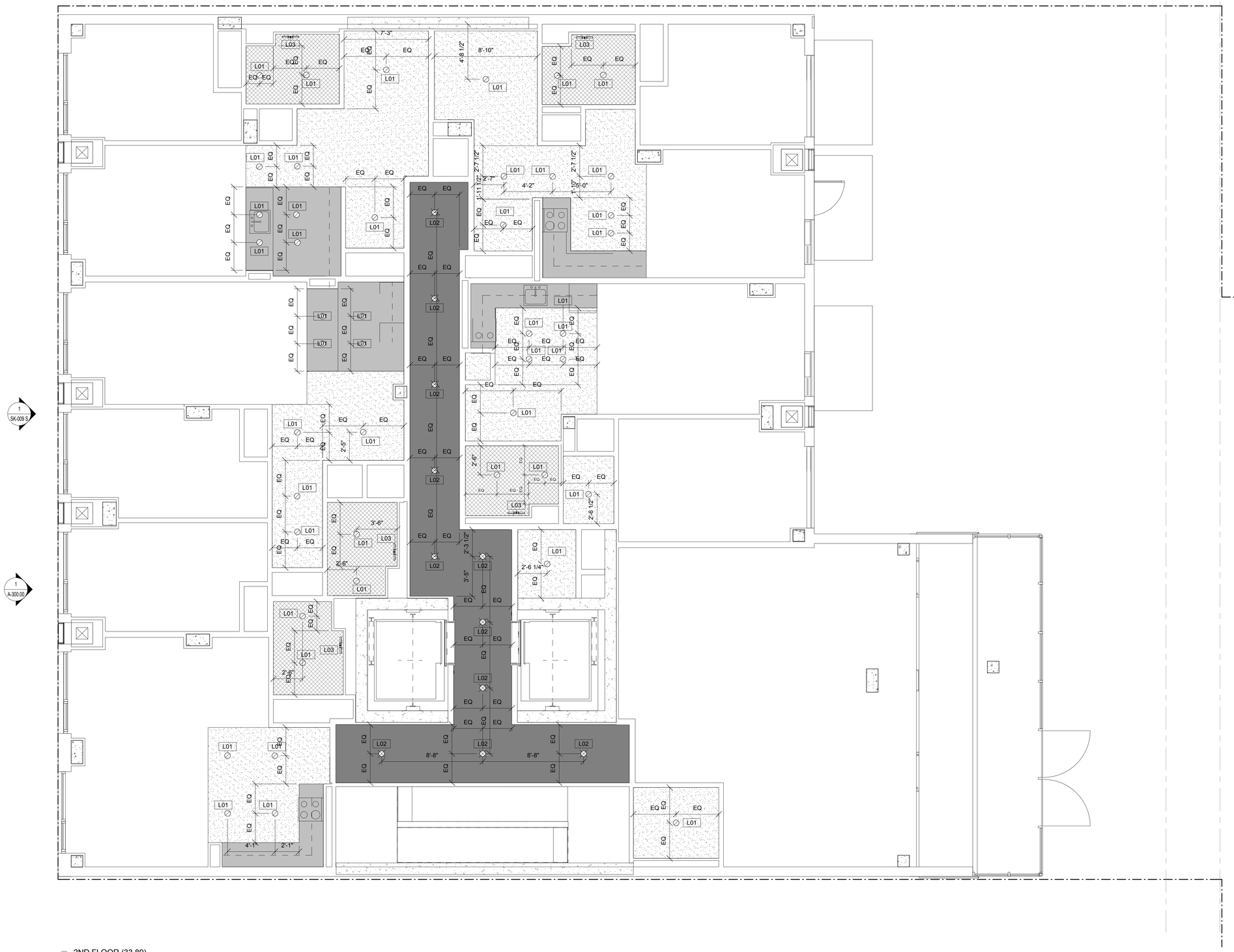
Sign & Seal

Drawing No.

A-202.00

Date	Drawn by	Job No.
01/29/15	KBA	2014-079
Sheet scale	**Checked by**	**DOB sheet**
1/4" = 1'-0"	KBA	32 OF 62

DOB NUMBER



1 2ND FLOOR (33.89)
1/4" = 1'-0"

CEILING LEGEND

APT.		MAX. CEILING HEIGHT (9'-1")
		8'-0" AFF CEILING HEIGHT (KITCHEN CUTOUT)
		8'-6" AFF CEILING HEIGHT
		8'-6" AFF CEILING HEIGHT (@ BATHTUB & SHOWER)
LOBBY REC. ROOM & HALLWAYS		CEILING TO BE AS HIGH AS POSSIBLE AFF, MAX. DROP TBD BY PIPES, DUCTS, AND LIGHTING. GC TO COORDINATE.
		6" DROPPED CEILING

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER:
CORE SYSTOME
125 East 125th Street
60th Floor
New York, NY 10019

STRUCTURAL ENGINEER:
SHARON ENGINEERING
2-17 Jackson Avenue
Long Island City, NY 11101

MEP ENGINEER:
SHARON ENGINEERING
2-17 Jackson Avenue
Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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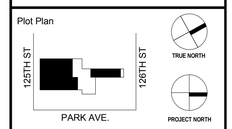
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

2ND FLOOR SOUTH RCP

Sign & Seal

REGISTERED ARCHITECT KENNETH A. BERNSTEIN 16854 STATE OF NEW YORK

Drawing No.

A-203.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/4" = 1'-0"	Checked by KBA	DOB sheet 33 OF 62

DOB NUMBER

1 SK-009.5

1 3RD - 6TH FLOOR
1/4" = 1'-0"

CEILING LEGEND

APT.		MAX. CEILING HEIGHT (9'-1")
		8'-0" AFF CEILING HEIGHT (KITCHEN CUTOUT)
		8'-6" AFF CEILING HEIGHT
		8'-6" AFF CEILING HEIGHT (@ BATHTUB & SHOWER)
LOBBY REC. ROOM & HALLWAYS		CEILING TO BE AS HIGH AS POSSIBLE AFF. MAX. DROP TBD BY PIPES, DUCTS, AND LIGHTING. GC TO COORDINATE.
		6" DROPPED CEILING

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER:
CORE SYSTEMS
125 East 125th Street
60th Floor
New York, NY 10019

STRUCTURAL ENGINEER:
SHARON ENGINEERING
P.O. Box 1007
Long Island City, NY 11101

MEP ENGINEER:
SHARON ENGINEERING
P.O. Box 1007
Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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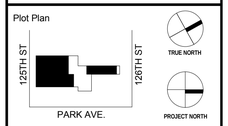
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

3RD - 6TH FLOOR SOUTH RCP

Sign & Seal

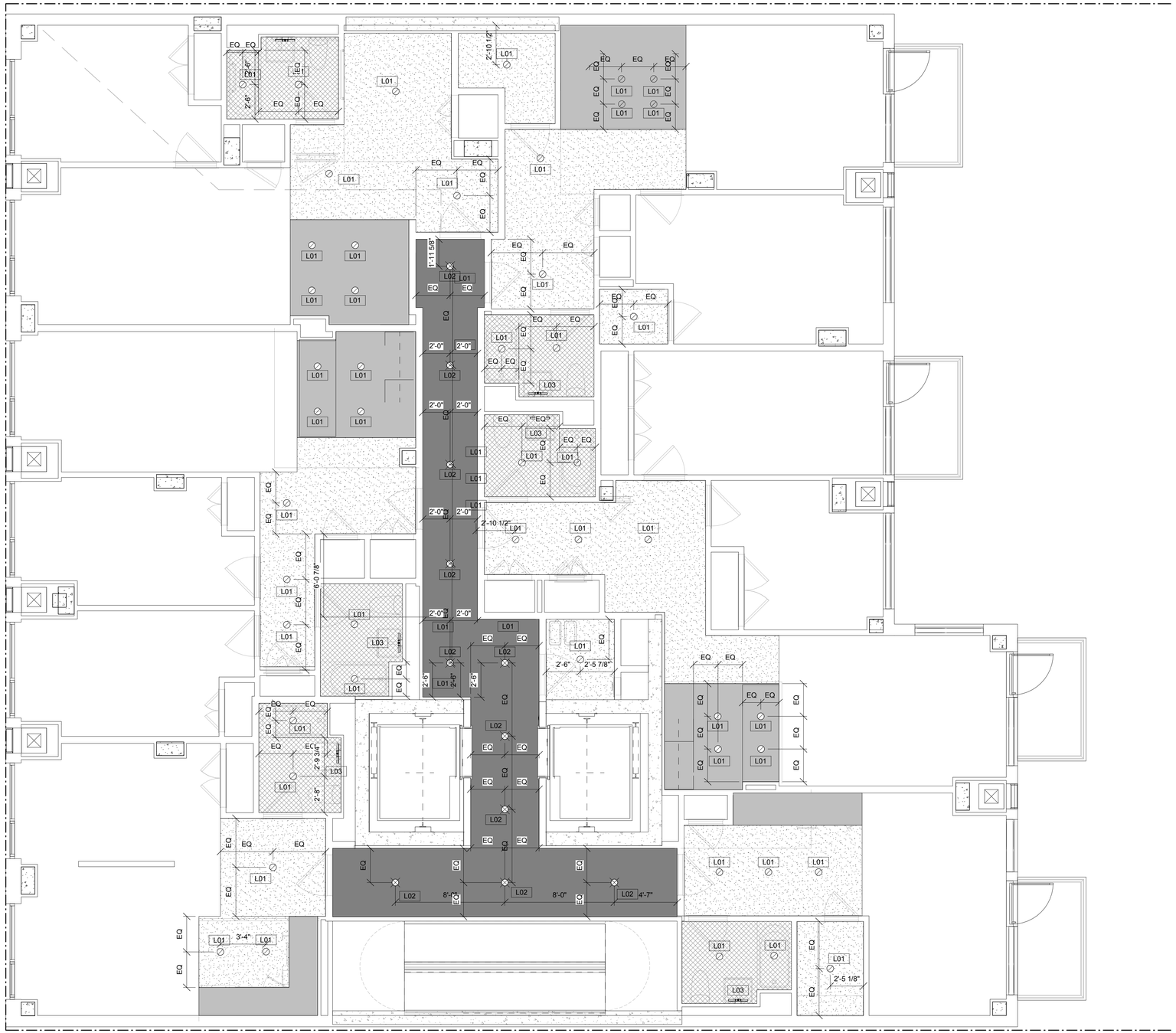
REGISTERED ARCHITECT
KENNETH J. BERNSTEIN
16854
STATE OF NEW YORK

Drawing No.

A-204.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/4" = 1'-0"	Checked by KBA	DOB sheet 34 OF 62

DOB NUMBER



1 7TH FLOOR (82.64)
1/4" = 1'-0"

CEILING LEGEND

APT.		MAX. CEILING HEIGHT (9'-1")
		8'-0" AFF CEILING HEIGHT (KITCHEN CUTOUT)
		8'-6" AFF CEILING HEIGHT
		8'-6" AFF CEILING HEIGHT (@ BATHTUB & SHOWER)
LOBBY REC. ROOM & HALLWAYS		CEILING TO BE AS HIGH AS POSSIBLE AFF, MAX. DROP TBD BY PIPES, DUCTS, AND LIGHTING. GC TO COORDINATE.
		6" DROPPED CEILING

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER:
CORE/STONE
125 East 125th Street
6th Floor
New York, NY 10019

STRUCTURAL ENGINEER:
SHARON ENGINEERING
P.O. Box 1000, Station 1
Long Island City, NY 11101

MEP ENGINEER:
SHARON ENGINEERING
P.O. Box 1000, Station 1
Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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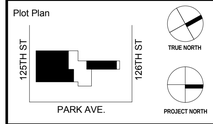
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

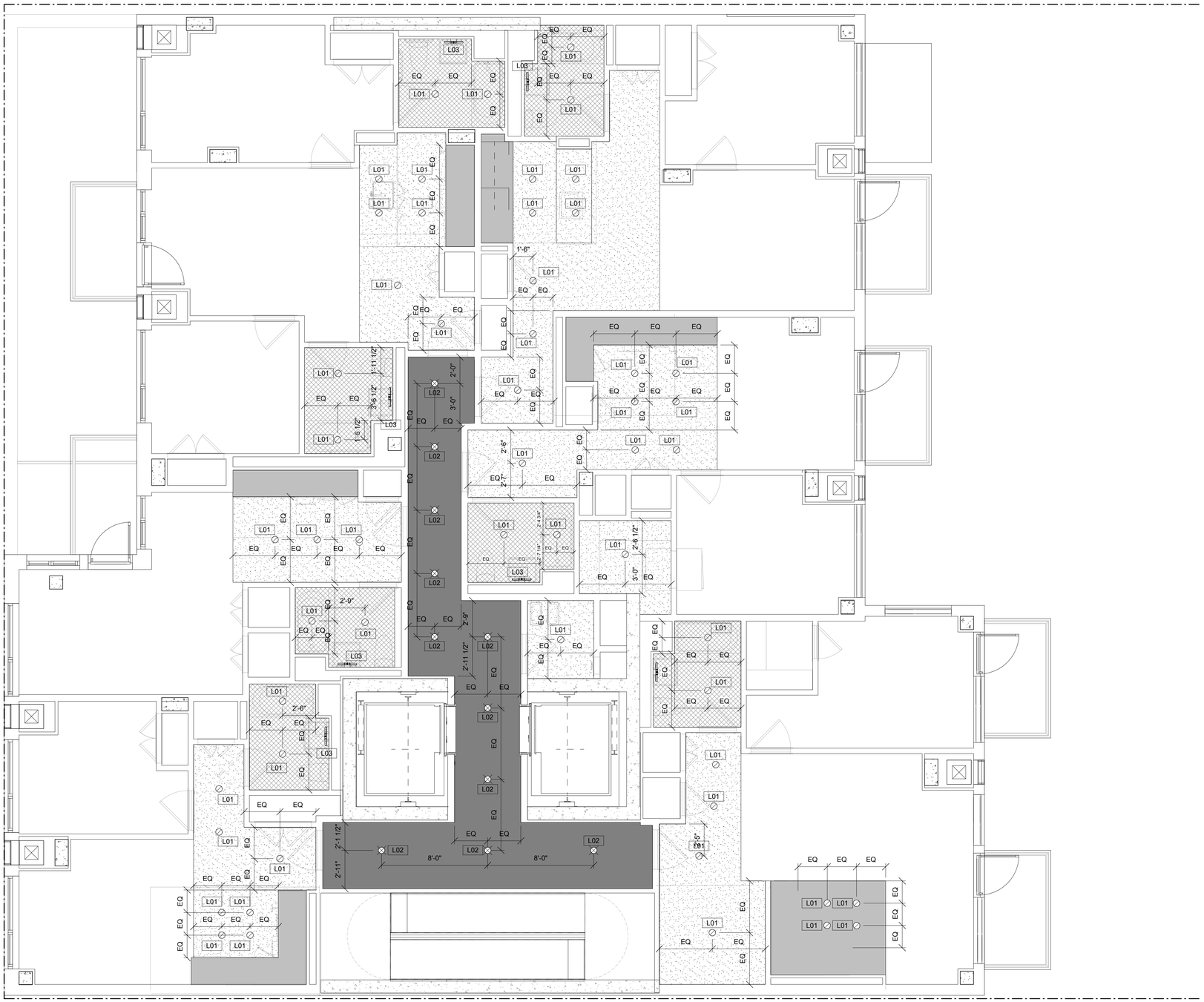
7TH - 8TH FLOOR SOUTH RCP

Sign & Seal

Drawing No.
A-205.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/4" = 1'-0"	Checked by KBA	DOB sheet 35 OF 62

DOB NUMBER



1 9TH -10TH FLOOR
1/4" = 1'-0"

CEILING LEGEND

APT.		MAX. CEILING HEIGHT (9'-1")
		8'-0" AFF CEILING HEIGHT (KITCHEN CUTOUT)
		8'-6" AFF CEILING HEIGHT
		8'-6" AFF CEILING HEIGHT (@ BATHTUB & SHOWER)
LOBBY REC. ROOM & HALLWAYS		CEILING TO BE AS HIGH AS POSSIBLE AFF, MAX. DROP TBD BY PIPES, DUCTS, AND LIGHTING. GC TO COORDINATE.
		6" DROPPED CEILING

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER:
CORE SYSTCHE
125 East 125th Street
60th Floor
New York, NY 10019

STRUCTURAL ENGINEER:
SHARON ENGINEERING
2-17 Jackson Avenue
Long Island City, NY 11101

MEP ENGINEER:
SHARON ENGINEERING
2-17 Jackson Avenue
Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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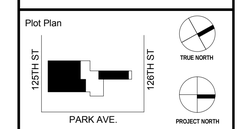
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

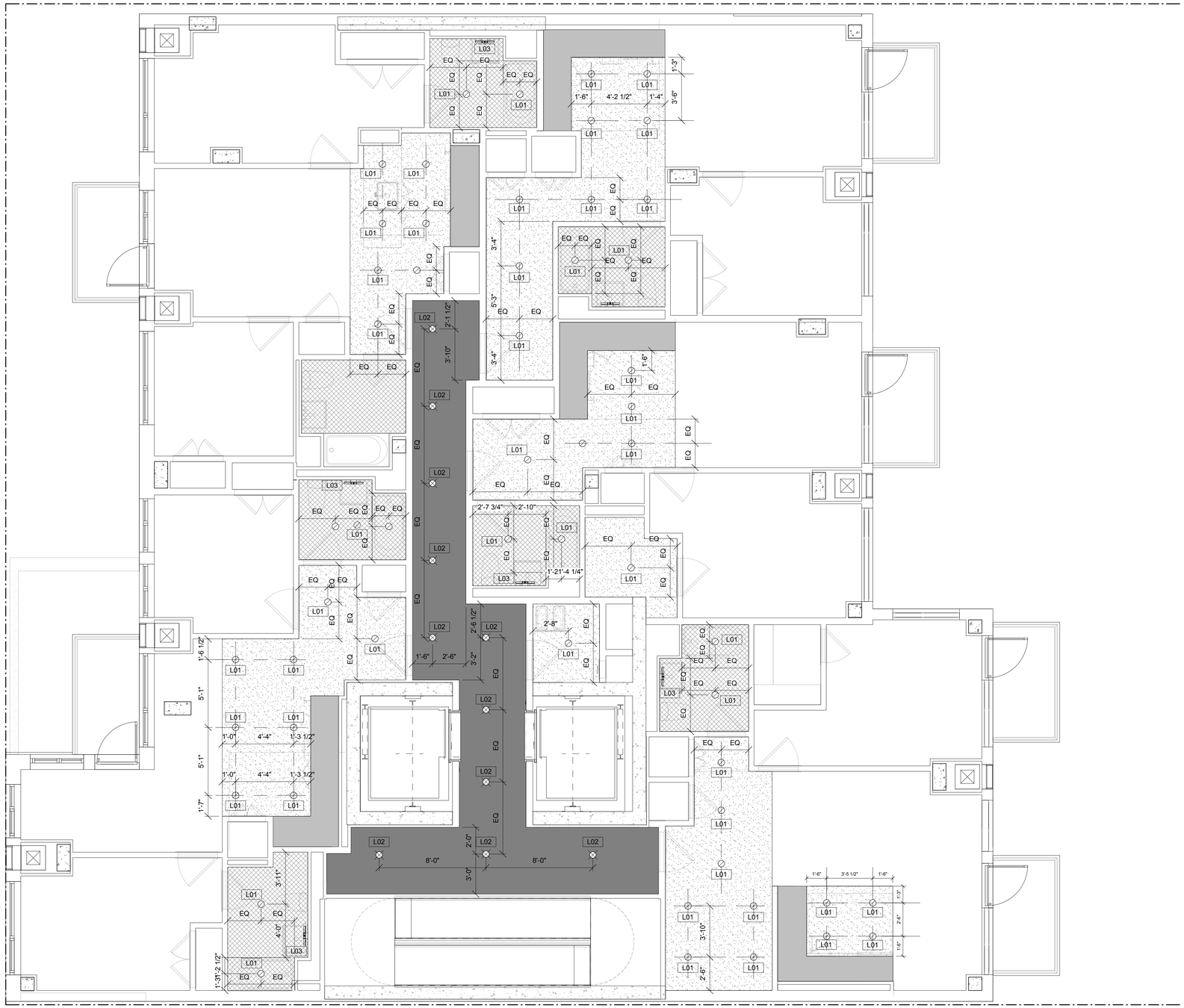
9TH - 10TH FLOOR
SOUTH RCP

Sign & Seal

Drawing No.
A-206.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/4" = 1'-0"	Checked by KBA	DOB sheet 36 OF 62

DOB NUMBER



2 T-000.00

1 SK-009.S

1 A-300.00

1 11TH FLOOR (121.64)
1/4" = 1'-0"

CEILING LEGEND

APT.		MAX. CEILING HEIGHT (9'-1")
		8'-0" AFF CEILING HEIGHT (KITCHEN CUTOUT)
		8'-6" AFF CEILING HEIGHT
		8'-6" AFF CEILING HEIGHT (@ BATHTUB & SHOWER)
LOBBY REC. ROOM & HALLWAYS		CEILING TO BE AS HIGH AS POSSIBLE AFF. MAX. DROP TBD BY PIPES, DUCTS, AND LIGHTING. GC TO COORDINATE.
		6" DROPPED CEILING

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER:
CORE CITY CORE
125 East 125th Street
60th Floor
New York, NY 10019

STRUCTURAL ENGINEER:
SHARON ENGINEERING
2 Park Avenue, 20th Floor
Long Island City, NY 11101

MEP ENGINEER:
SHARON ENGINEERING
2 Park Avenue, 20th Floor
Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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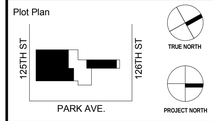
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

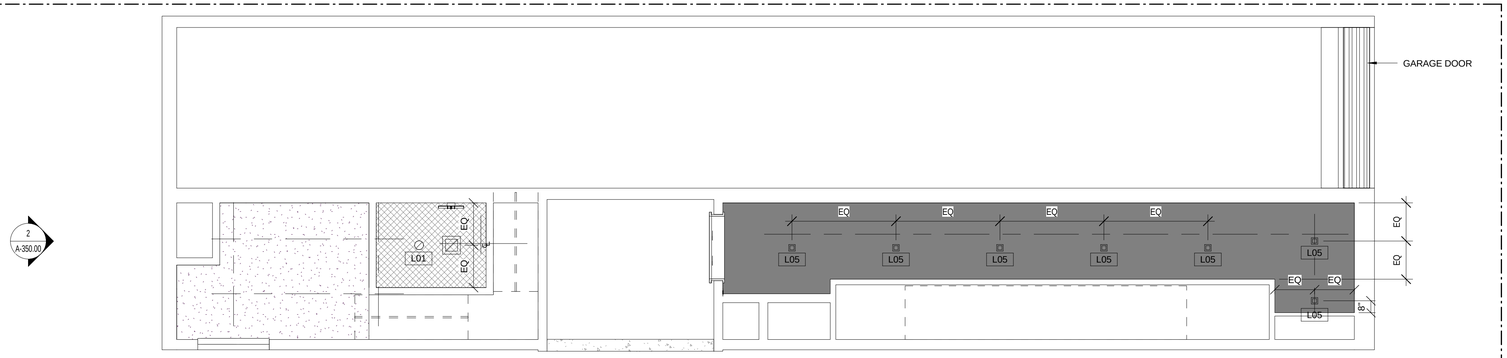
11TH - 12TH FLOOR
SOUTH RCP

Sign & Seal

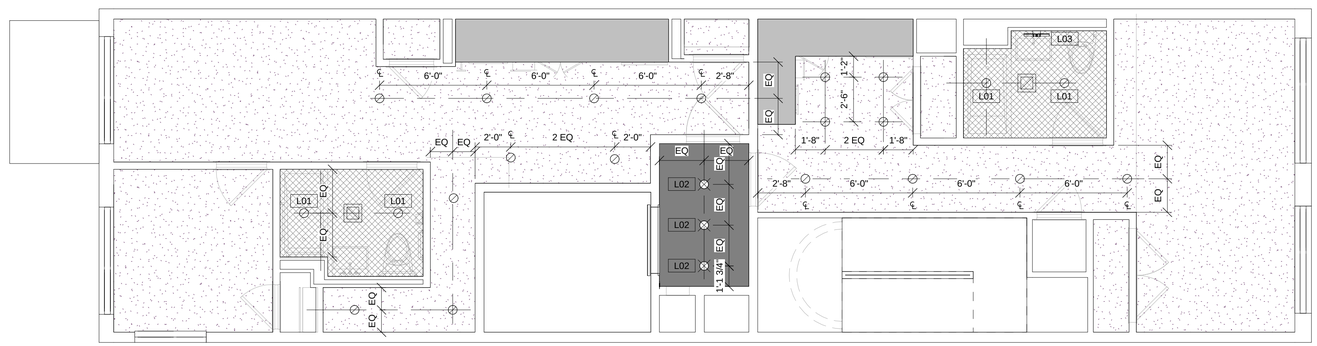
Drawing No.
A-207.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/4" = 1'-0"	Checked by KBA	DOB sheet 37 OF 62

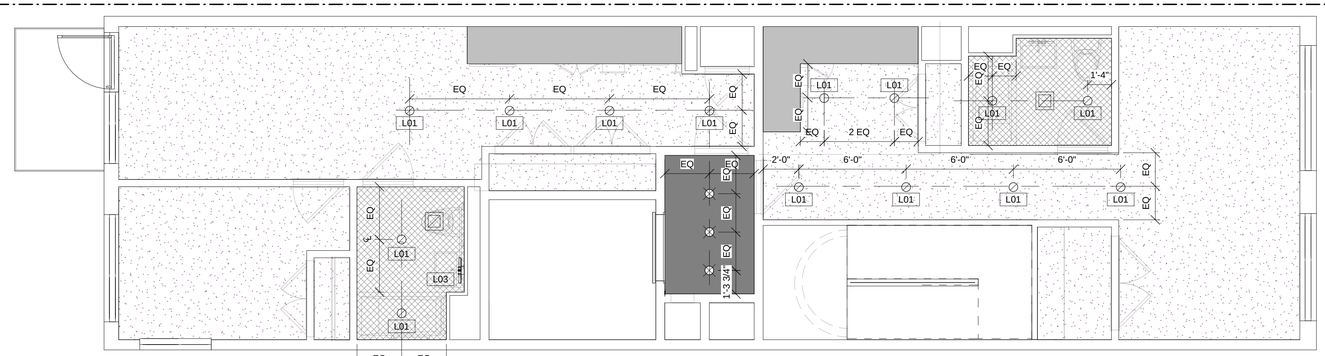
DOB NUMBER



1 1ST FLOOR (22.095)
1/4" = 1'-0"



2 2ND FLOOR (33.76)
1/4" = 1'-0"



3 3RD FLR (43.43)
1/4" = 1'-0"

CEILING LEGEND @ 1ST FLOOR

APT.		MAX. CEILING HEIGHT (10'-4")
		10'-0" AFF CEILING HEIGHT (KITCHEN CUTOUT)
		9'-8" AFF CEILING HEIGHT
		9'-2" AFF CEILING HEIGHT (@ BATHTUB & SHOWER)
LOBBY REC. ROOM & HALLWAYS		CEILING TO BE AS HIGH AS POSSIBLE AFF, MAX. DROP TBD BY PIPES, DUCTS, AND LIGHTING. GC TO COORDINATE.
		6" DROPPED CEILING
		6" DROPPED CEILING @ WOOD PANELING

CEILING LEGEND @ TYP FLOOR

APT.		MAX. CEILING HEIGHT (9'-0")
		8'-10" AFF CEILING HEIGHT (KITCHEN CUTOUT)
		8'-6" AFF CEILING HEIGHT
		8'-0" AFF CEILING HEIGHT (@ BATHTUB & SHOWER)
HALLWAYS		CEILING TO BE AS HIGH AS POSSIBLE AFF, MAX. DROP TBD BY PIPES, DUCTS, AND LIGHTING. GC TO COORDINATE.
		4" DROPPED CEILING

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER: CORE SYSTOME 69 EAST 125TH Street 60th Floor New York, NY 10019

STRUCTURAL ENGINEER: SHARON ENGINEERING 35 Pine Hollow Road Long Island City, NY 11101

MEP ENGINEER: SHARON ENGINEERING 35 Pine Hollow Road Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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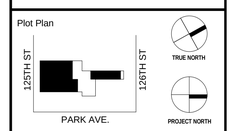
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

1ST - 3RD FLOOR RCP NORTH

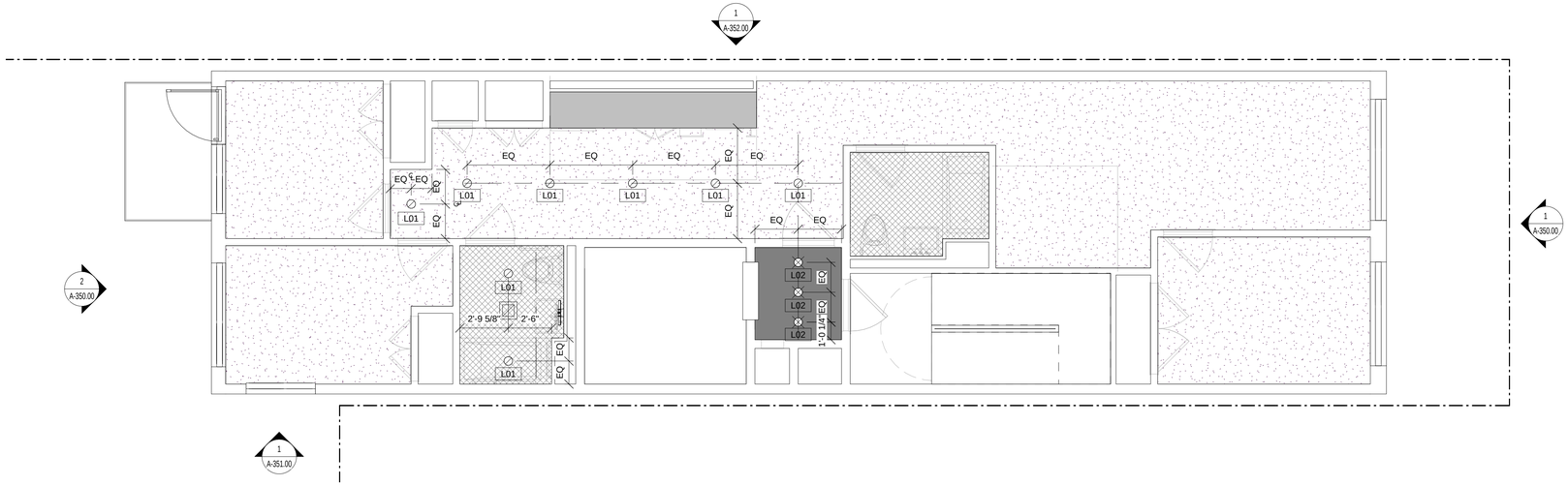
Sign & Seal

Drawing No.

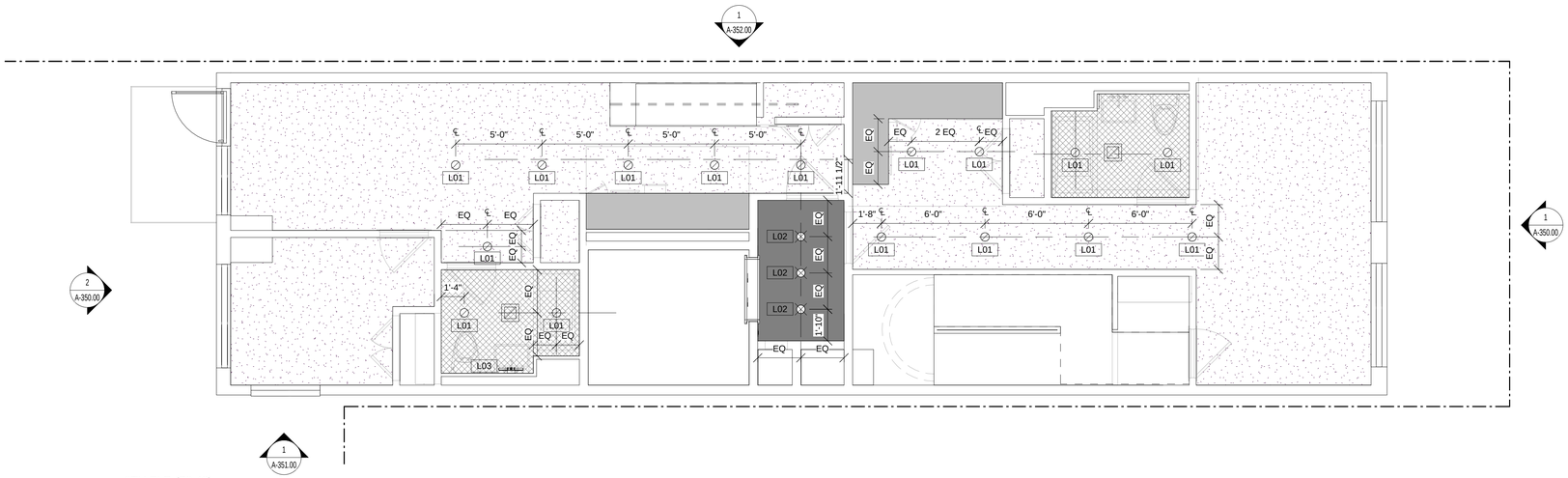
A-210.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/4" = 1'-0"	Checked by KBA	DOB sheet 38 OF 62

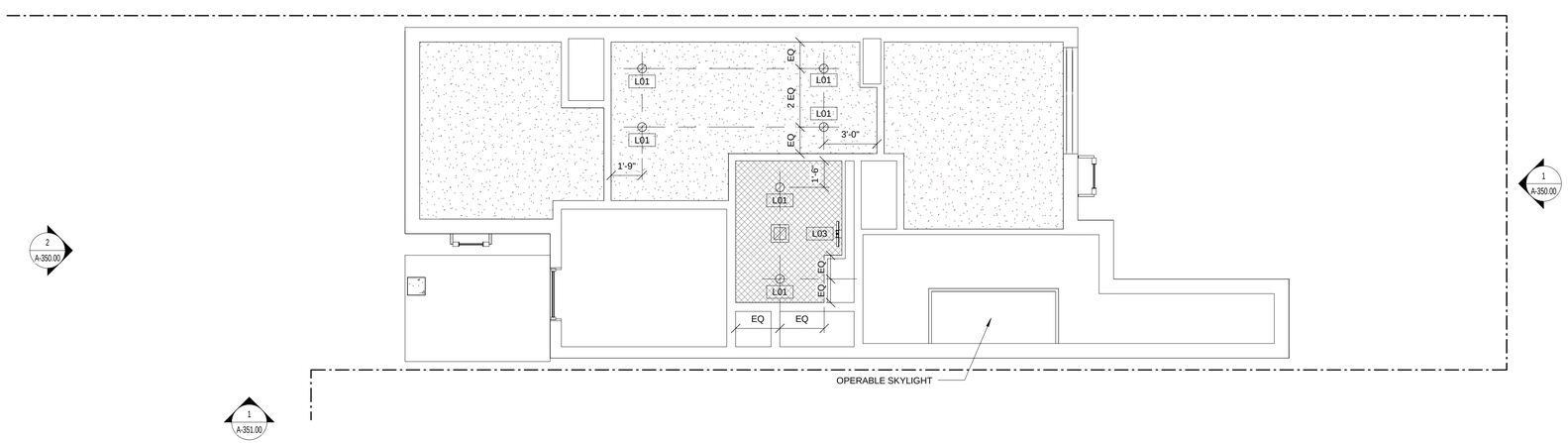
DOB NUMBER



3 4TH FLR (53.097)
1/4" = 1'-0"



1 6TH FLR (72.43)
1/4" = 1'-0"



2 PH (82.097)
1/4" = 1'-0"

CEILING LEGEND @ 1ST FLOOR

APT.		MAX. CEILING HEIGHT (10'-4")
		10'-0" AFF CEILING HEIGHT (KITCHEN CUTOUT)
		9'-8" AFF CEILING HEIGHT
		9'-2" AFF CEILING HEIGHT (@ BATHTUB & SHOWER)
LOBBY REC. ROOM & HALLWAYS		CEILING TO BE AS HIGH AS POSSIBLE AFF, MAX. DROP TBD BY PIPES, DUCTS, AND LIGHTING. GC TO COORDINATE.
		6" DROPPED CEILING
		6" DROPPED CEILING @ WOOD PANELING

CEILING LEGEND @ TYP FLOOR

APT.		MAX. CEILING HEIGHT (9'-0")
		8'-10" AFF CEILING HEIGHT (KITCHEN CUTOUT)
		8'-6" AFF CEILING HEIGHT
		8'-0" AFF CEILING HEIGHT (@ BATHTUB & SHOWER)
HALLWAYS		CEILING TO BE AS HIGH AS POSSIBLE AFF, MAX. DROP TBD BY PIPES, DUCTS, AND LIGHTING. GC TO COORDINATE.
		4" DROPPED CEILING

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER:
GSRY SYTHONE
1385 Broadway, Street
60th Floor
New York, NY 10019

STRUCTURAL ENGINEER:
SHARON ENGINEERING
1 Hillside Avenue, Suite 3
Long Island City, NY 11101

MEP ENGINEER:
SHARON ENGINEERING
1 Hillside Avenue, Suite 3
Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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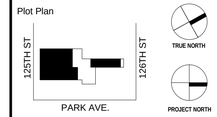
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

4TH - PENTHOUSE
FLOOR RCP NORTH

Sign & Seal

REGISTERED ARCHITECT
RICHARD KUTNICKI
16854
STATE OF NEW YORK

Drawing No.

A-211.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/4" = 1'-0"	Checked by KBA	DOB sheet 39 OF 62

DOB NUMBER

1 SOUTH ELEVATION
1/8" = 1'-0"

2 NORTH ELEVATION
1/8" = 1'-0"

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER: CORE CITY STONE, 1 Penn Plaza, 19th Floor, New York, NY 10019

STRUCTURAL ENGINEER: SHARON ENGINEERING 36-01 43rd Street Long Island City, NY 11101

MEP ENGINEER: SHARON ENGINEERING 36-01 43rd Street Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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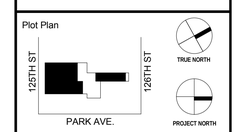
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

SOUTH & NORTH ELEVATION SOUTH TOWER

Sign & Seal

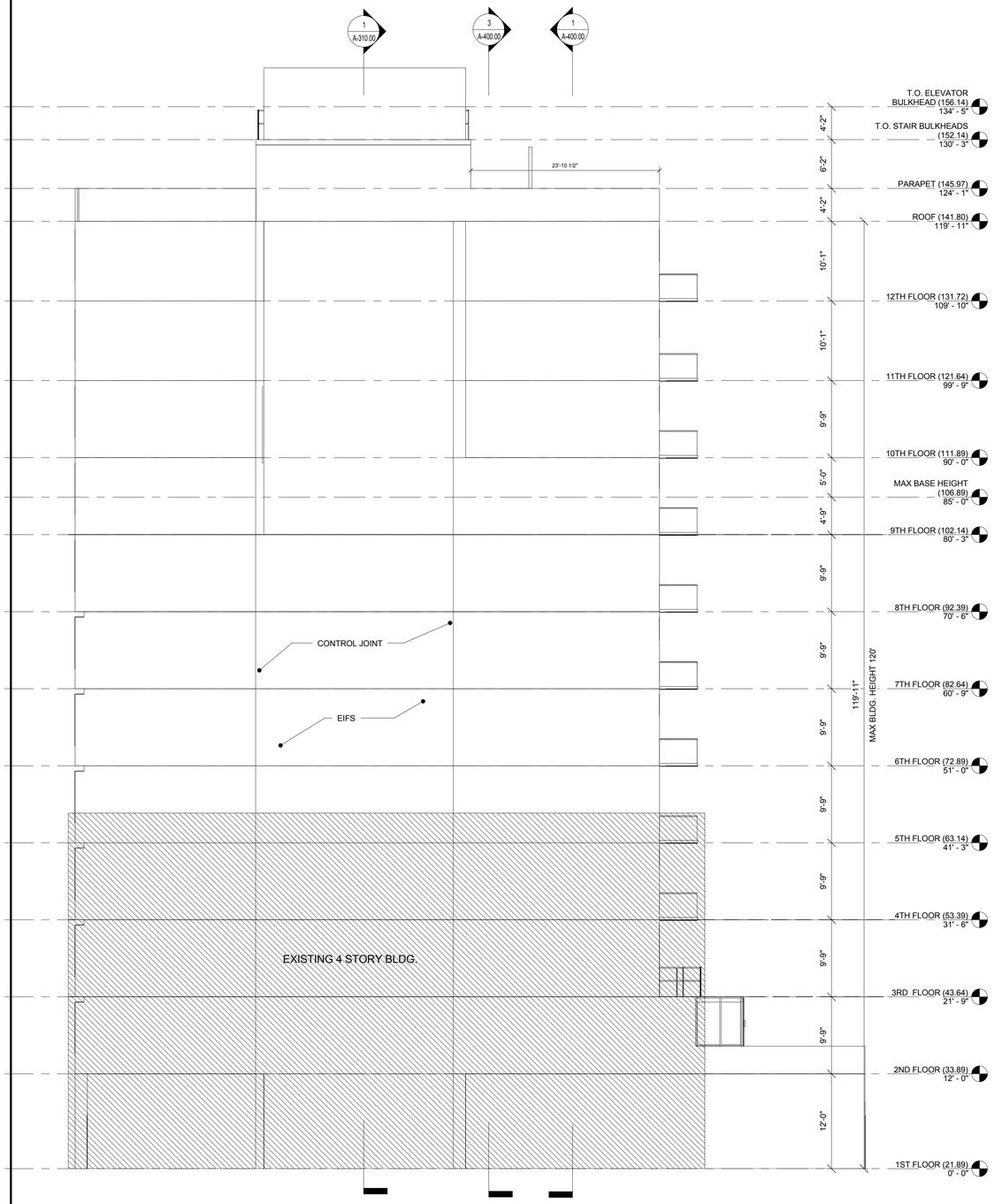
REGISTERED ARCHITECT KENNETH BERNSTEIN 16854 STATE OF NEW YORK

Drawing No.

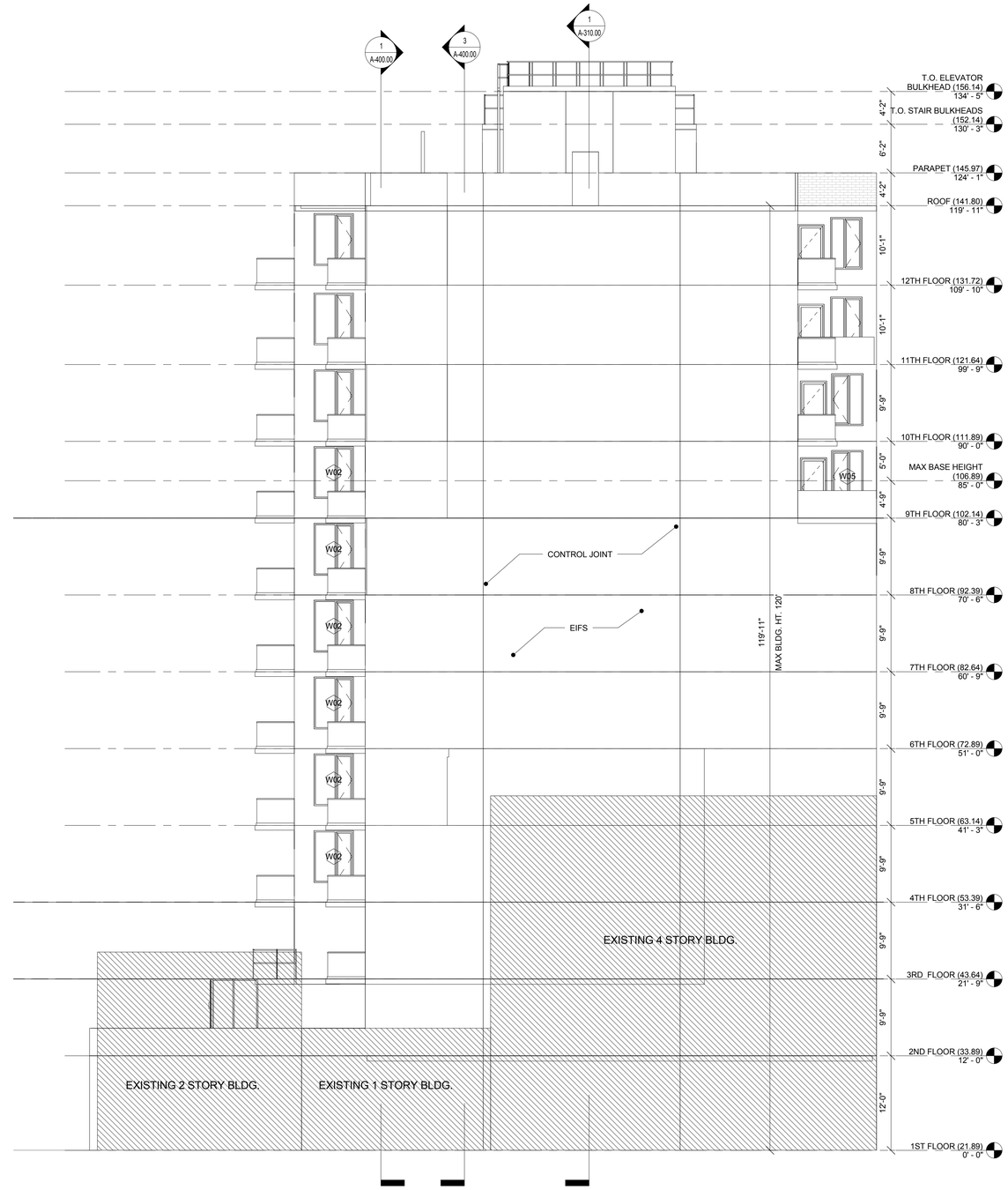
A-300.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/8" = 1'-0"	Checked by KBA	DOB sheet 40 OF 62

DOB NUMBER



1 EAST ELEVATION
1/8" = 1'-0"



2 WEST ELEVATION
1/8" = 1'-0"

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER: CORE/STONE 125 East 125th Street 6th Floor New York, NY 10019

STRUCTURAL ENGINEER: SHARON ENGINEERING 29-01 Borden Avenue Long Island City, NY 11101

MEP ENGINEER: SHARON ENGINEERING 29-01 Borden Avenue Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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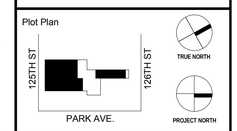
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

EAST & WEST ELEVATION SOUTH TOWER

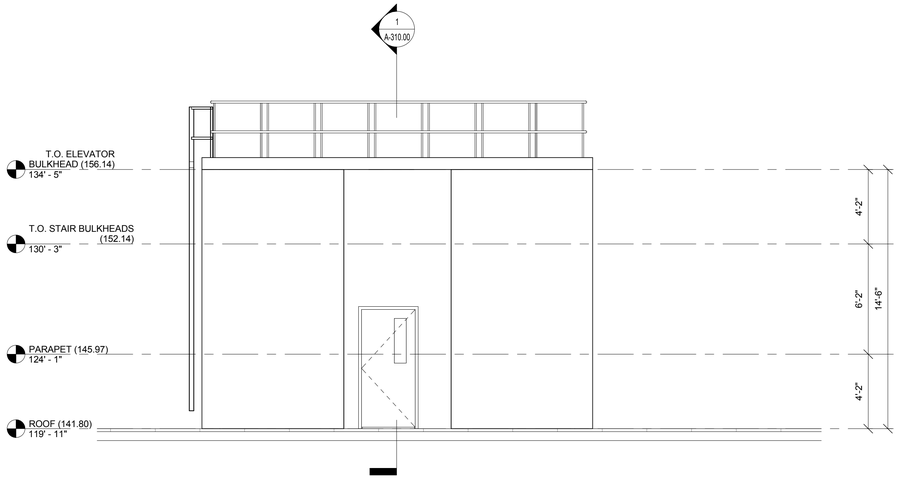
Sign & Seal

REGISTERED ARCHITECT JOSEPH P. KUTNICKI 18554 STATE OF NEW YORK

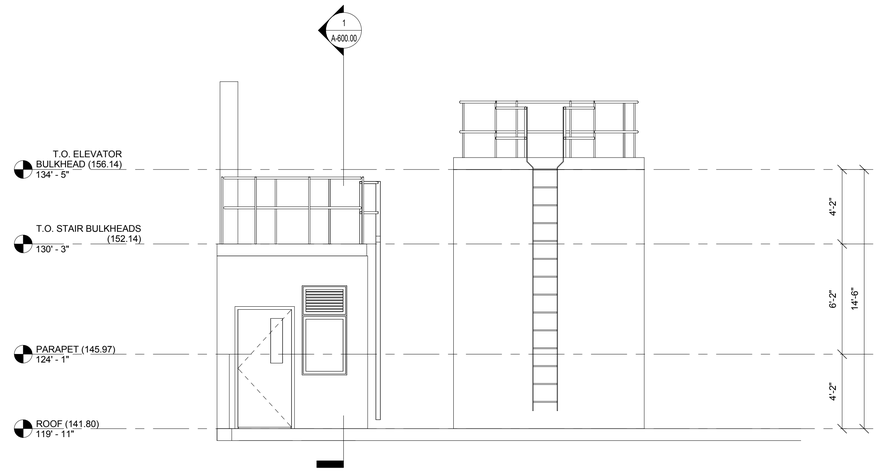
Drawing No. A-301.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/8" = 1'-0"	Checked by KBA	DOB sheet 41 OF 62

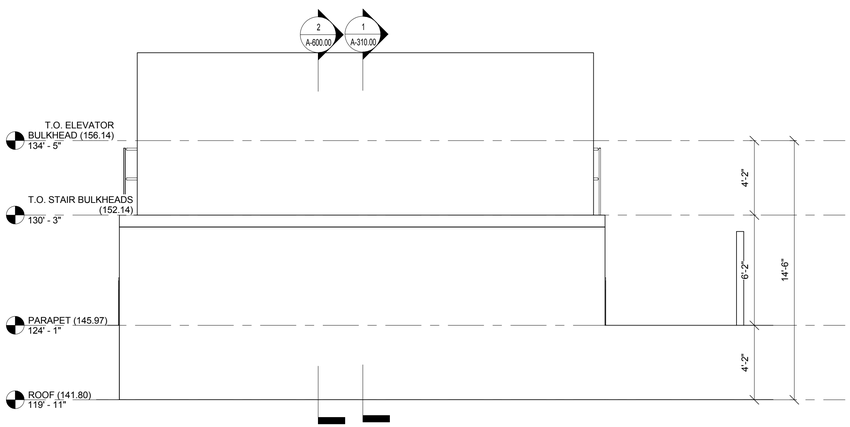
DOB NUMBER



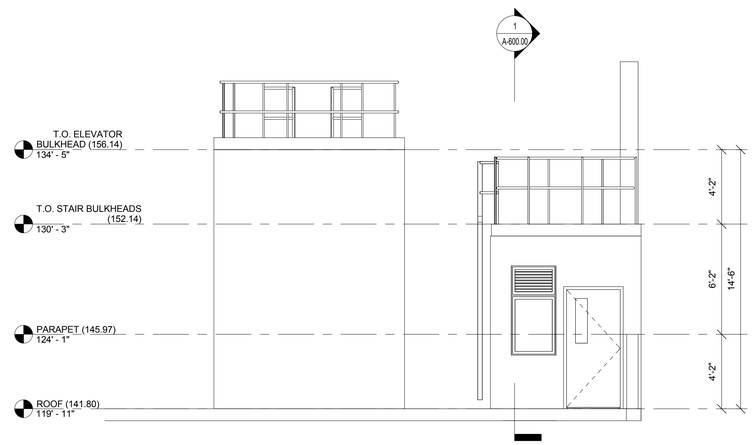
1 WEST BULKHEAD ELEVATION
1/4" = 1'-0"



2 NORTH BULKHEAD ELEVATION
1/4" = 1'-0"



3 EAST BULKHEAD ELEVATION
1/4" = 1'-0"



4 SOUTH BULKHEAD ELEVATION
1/4" = 1'-0"

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER:
CORE/STONE
125 East 125th Street
60th Floor
New York, NY 10019

STRUCTURAL ENGINEER:
SHARON ENGINEERING
2147 Jericho Turnpike
Long Island City, NY 11101

MEP ENGINEER:
SHARON ENGINEERING
2147 Jericho Turnpike
Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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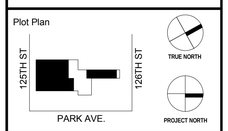
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

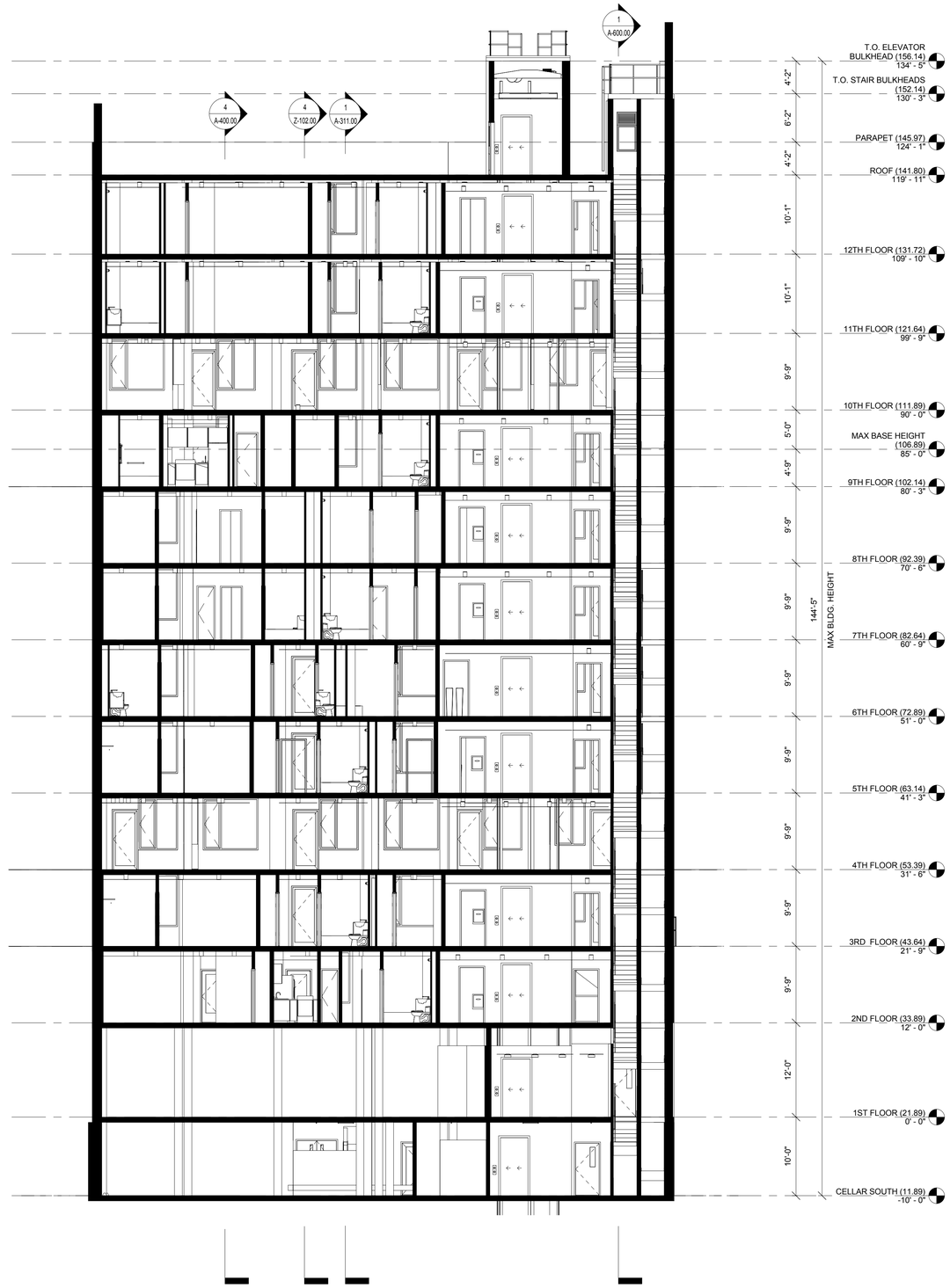
BULKHEAD ELEVATIONS
SOUTH TOWER

Sign & Seal

Drawing No.
A-302.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/4" = 1'-0"	Checked by KBA	DOB sheet 42 OF 62

DOB NUMBER



1 EAST/WEST SECTION
1/8" = 1'-0"

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER:
CORE/STONE
Attn: Jeffrey Street
60th Floor
New York, NY 10019

STRUCTURAL ENGINEER:
SHARON ENGINEERING
Attn: Jeffrey Sharon
Long Island City, NY 11101

MEP ENGINEER:
SHARON ENGINEERING
Attn: Jeffrey Sharon
Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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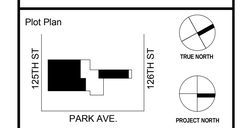
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

LONGITUDINAL BUILDING SECTION SOUTH TOWER

Sign & Seal

Drawing No.

A-310.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/8" = 1'-0"	Checked by KBA	DOB sheet 43 OF 62

DOB NUMBER

1 NORTH/SOUTH BUILDING SECTION
1/8" = 1'-0"

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER:
CORE/STONE
125 East 125th Street
6th Floor
New York, NY 10019

STRUCTURAL ENGINEER:
SHARON ENGINEERING
P.O. Box 1000
Long Island City, NY 11101

MEP ENGINEER:
SHARON ENGINEERING
P.O. Box 1000
Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan

125TH ST
126TH ST
PARK AVE.
TRUE NORTH
PROJECT NORTH

For Department of Buildings Use

Drawing Title

TRANSVERSE BUILDING SECTION SOUTH TOWER

Sign & Seal

REGISTERED ARCHITECT
OWEN BERNSTEIN
18854
STATE OF NEW YORK

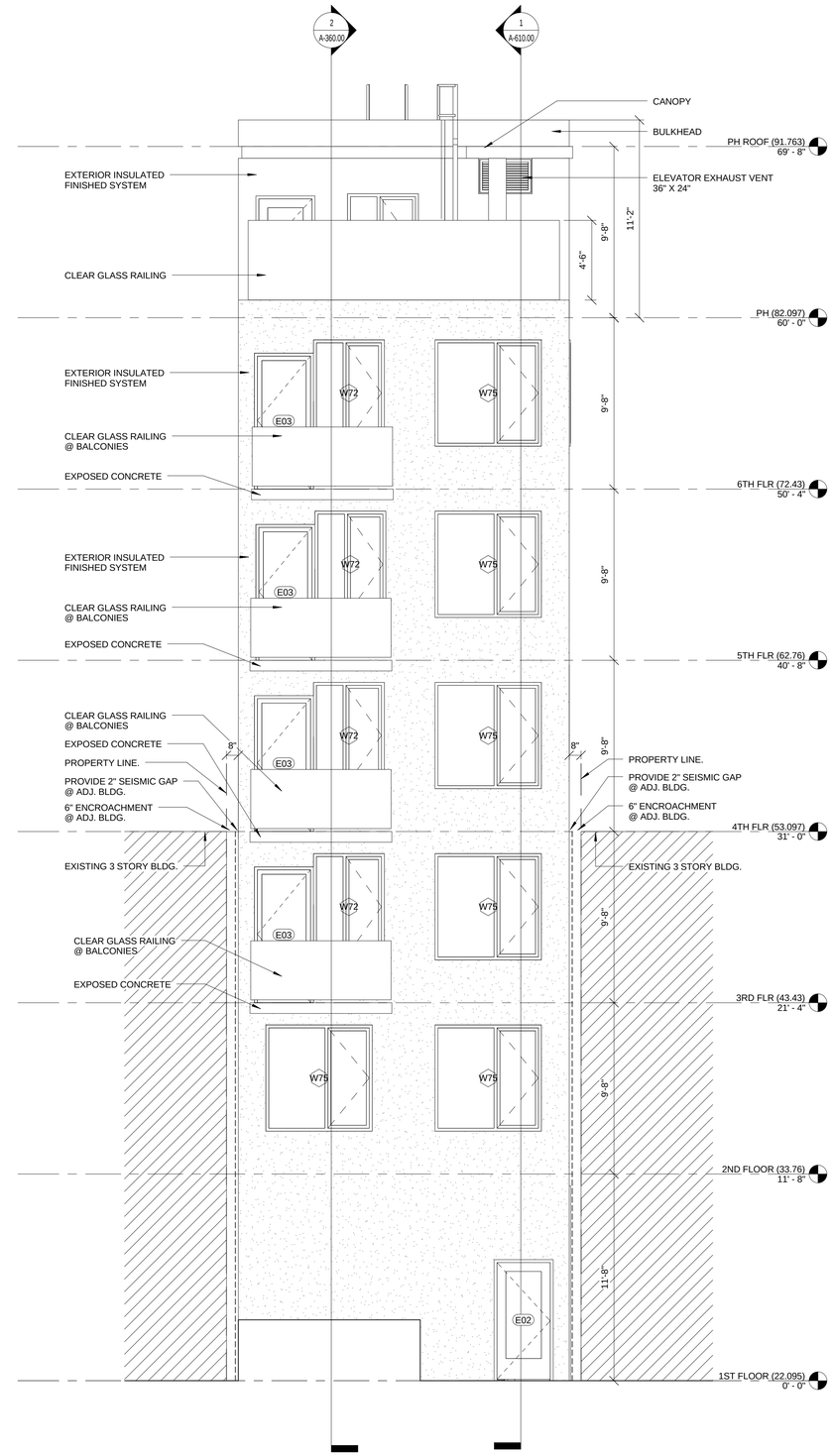
Drawing No.

A-311.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/8" = 1'-0"	Checked by KBA	DOB sheet 44 OF 62

DOB NUMBER

1 NORTH ELEVATION
1/4" = 1'-0"



2 SOUTH ELEVATION
1/4" = 1'-0"

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER:
GSES SYSTOME
625 Fifth Avenue, Street
60th Floor
New York, NY 10019

STRUCTURAL ENGINEER:
SHARON ENGINEERING
P.O. Box 1000, Street
Long Island City, NY 11101

MEP ENGINEER:
SHARON ENGINEERING
P.O. Box 1000, Street
Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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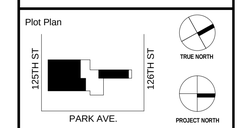
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

NORTH & SOUTH ELEVATION NORTH TOWER

Sign & Seal

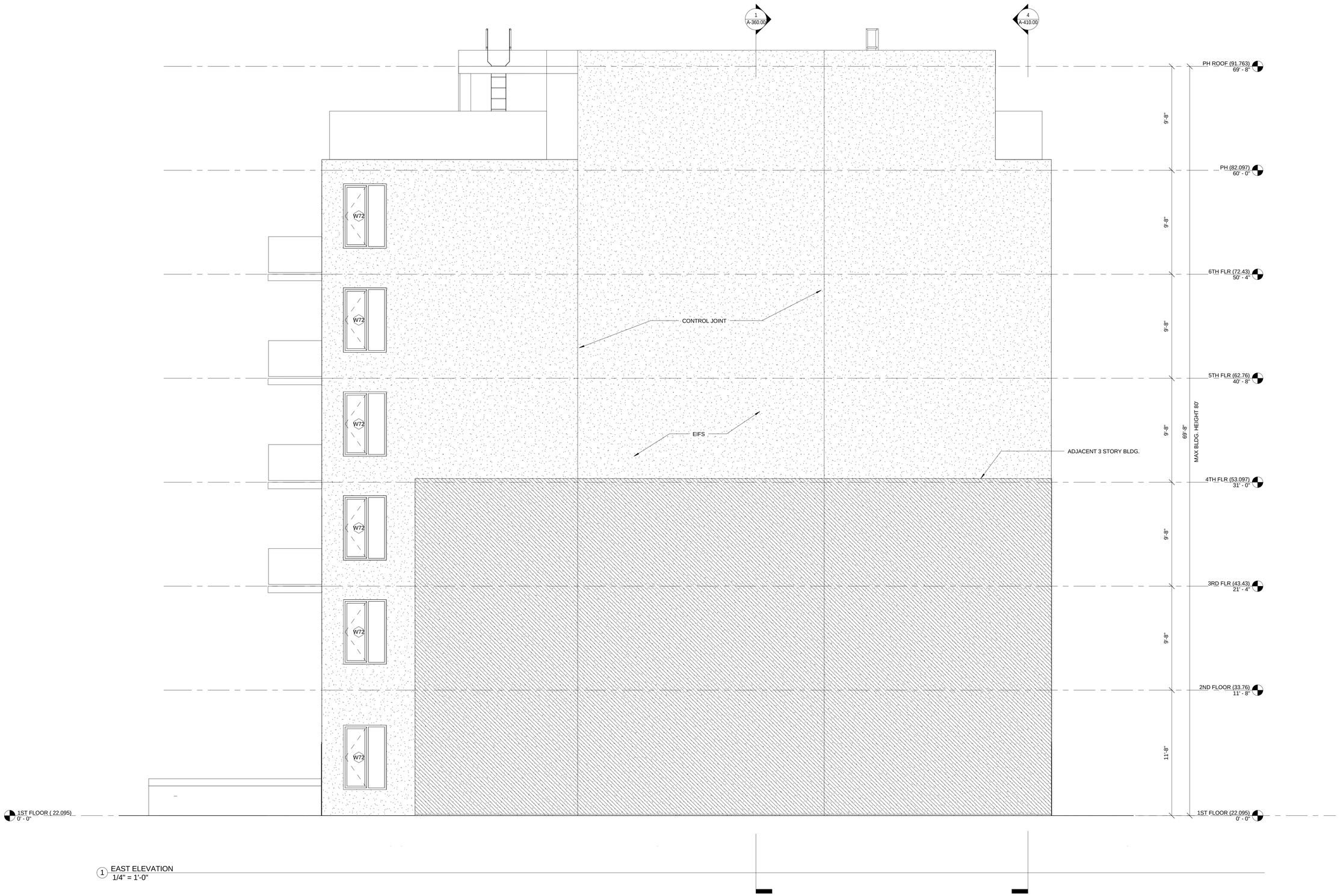
REGISTERED ARCHITECT
KUBA KUTNICKI BERNSTEIN
16854
STATE OF NEW YORK

Drawing No.

A-350.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/4" = 1'-0"	Checked by KBA	DOB sheet 45 OF 62

DOB NUMBER



1 EAST ELEVATION
1/4" = 1'-0"

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER:
CORE/STONE
125 East 125th Street
6th Floor
New York, NY 10029

STRUCTURAL ENGINEER:
SHARON ENGINEERING
25-01 Bridge Plaza North
Long Island City, NY 11101

MEP ENGINEER:
SHARON ENGINEERING
25-01 Bridge Plaza North
Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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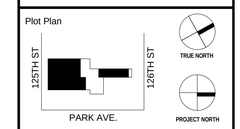
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

EAST ELEVATION NORTH TOWER

Sign & Seal

Drawing No.

A-351.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/4" = 1'-0"	Checked by KBA	DOB sheet 46 OF 62

DOB NUMBER

1 WEST ELEVATION
1/4" = 1'-0"

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER:
CORE/STONE
125 East 125th Street
6th Floor
New York, NY 10035

STRUCTURAL ENGINEER:
SHARON ENGINEERING
29-01 Borden Avenue
Long Island City, NY 11101

MEP ENGINEER:
SHARON ENGINEERING
29-01 Borden Avenue
Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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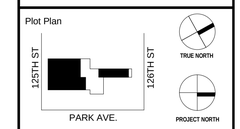
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

WEST ELEVATION NORTH TOWER

Sign & Seal

Drawing No.

A-352.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/4" = 1'-0"	Checked by KBA	DOB sheet 47 OF 62

DOB NUMBER

1 EAST / WEST BUILDING SECTION
1/8" = 1'-0"

2 NORTH SOUTH SECTION 2
1/8" = 1'-0"

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER:
GSES SYSTOME
625 Madison Avenue Street
60th Floor
New York, NY 10019

STRUCTURAL ENGINEER:
SHARON ENGINEERING
2021 Jericho Turnpike
Long Island City, NY 11101

MEP ENGINEER:
SHARON ENGINEERING
2021 Jericho Turnpike
Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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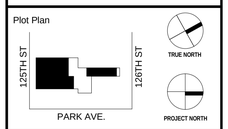
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

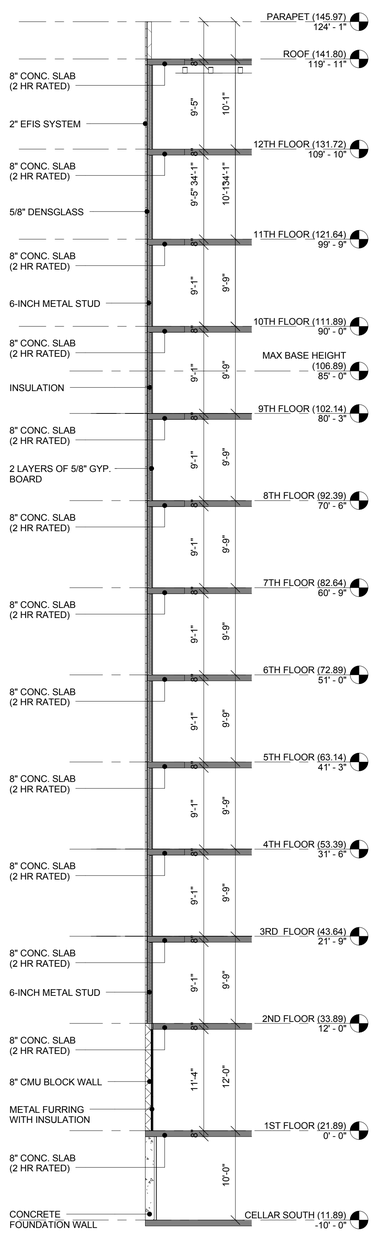
BUILDING SECTIONS
NORTH TOWER

Sign & Seal

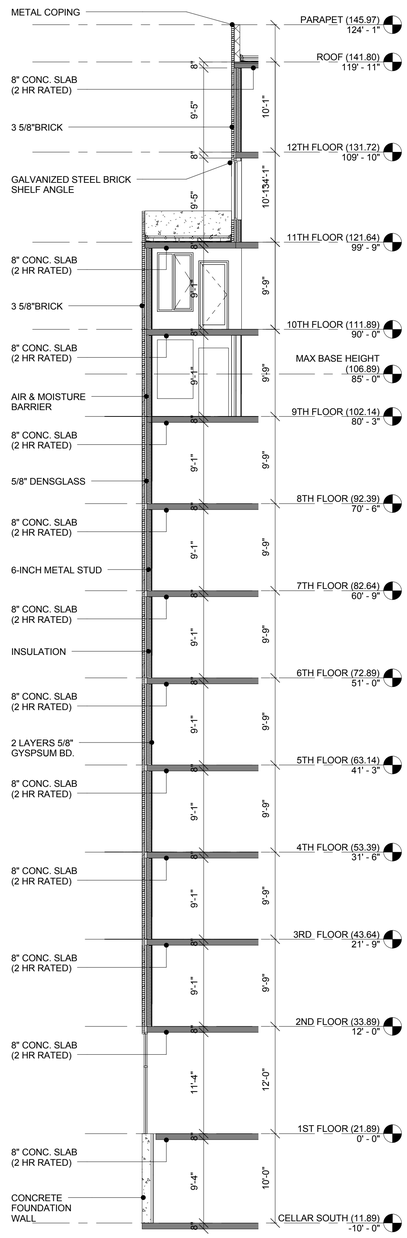
Drawing No.
A-360.00

	Drawn by	Job No.
01/29/15	KBA	2014-079
Sheet scale 1/8" = 1'-0"	Checked by KBA	DOB sheet 48 OF 62

DOB NUMBER



1 EAST WALL SECTION
1/8" = 1'-0"



2 SOUTH WALL SECTION
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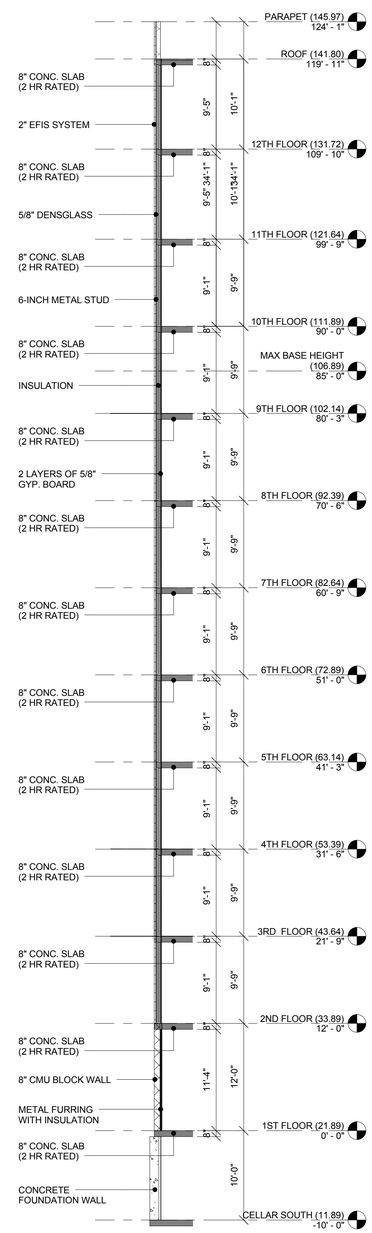
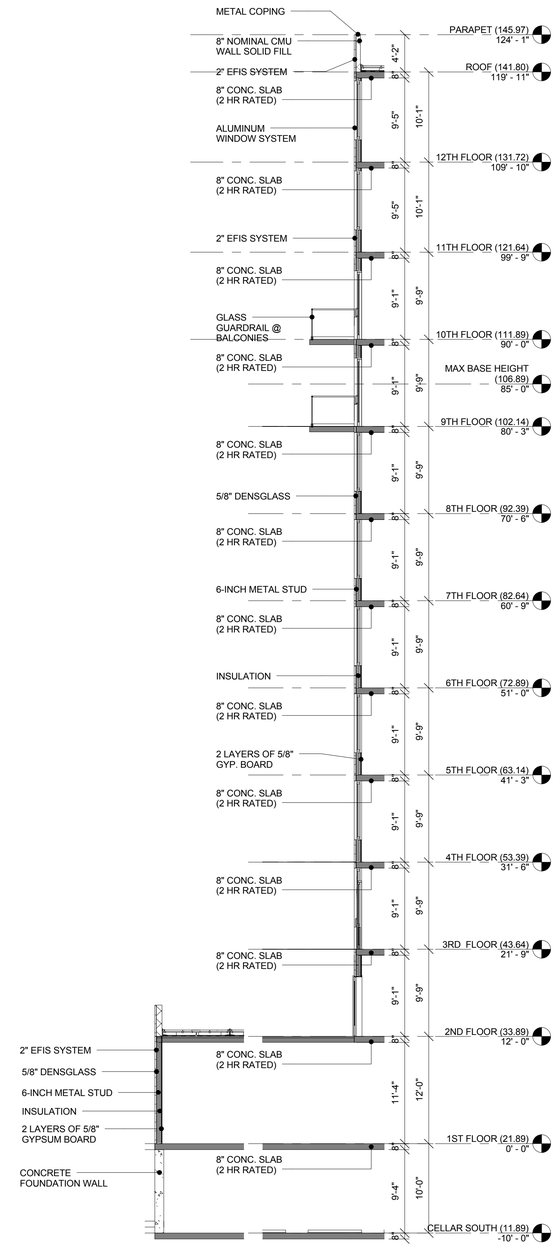


3 WEST WALL SECTION
1/8" = 1'-0"



4 NORTH WALL SECTION 1
1/8" = 1'-0"

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER:
CORE SYSTOME
125 East 125th Street
60th Floor
New York, NY 10019

STRUCTURAL ENGINEER:
SHARON ENGINEERING
P.O. BOX 1207
Long Island City, NY 11101

MEP ENGINEER:
SHARON ENGINEERING
P.O. BOX 1207
Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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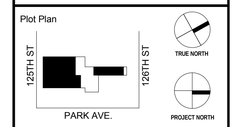
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

WALL SECTIONS SOUTH TOWER

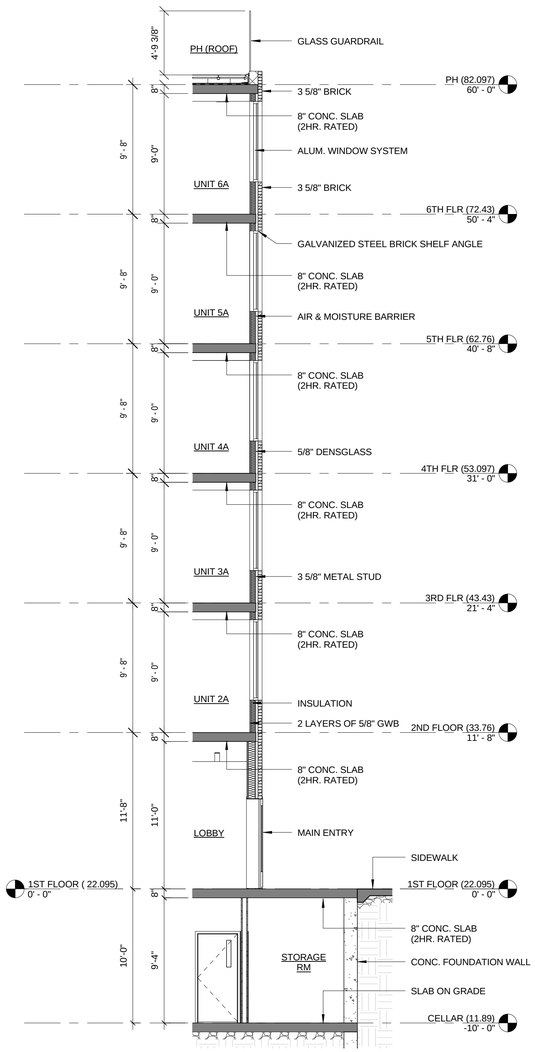
Sign & Seal

Drawing No.

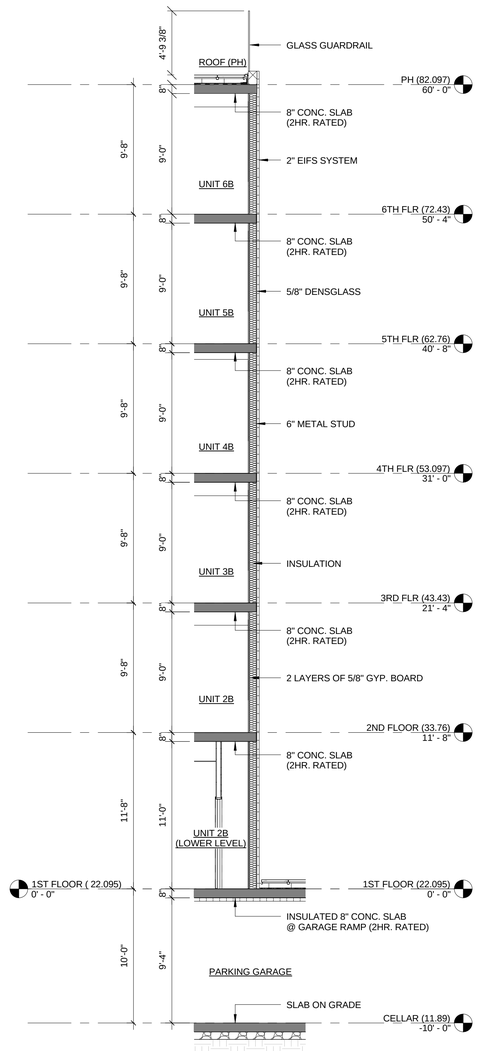
A-400.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/8" = 1'-0"	Checked by KBA	DOB sheet 49 OF 62

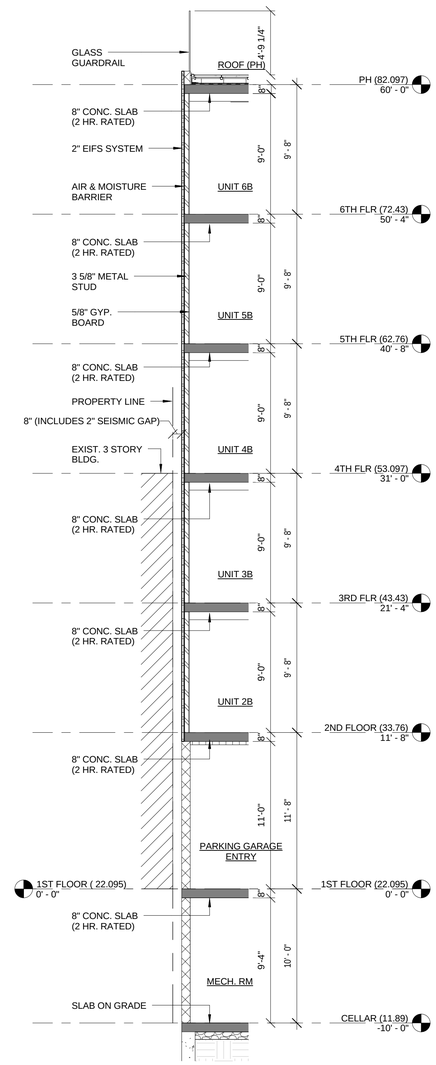
DOB NUMBER



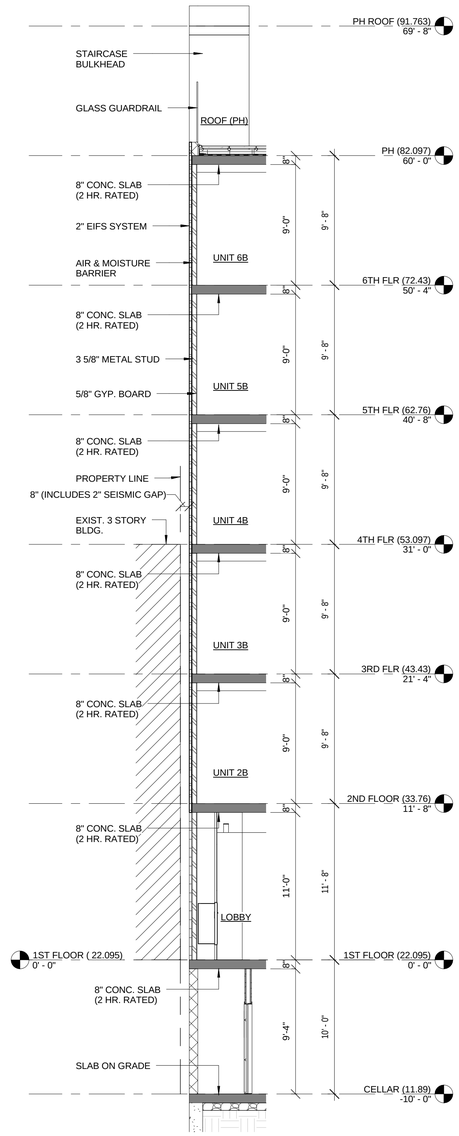
1 WALL SECTION N-1
3/16" = 1'-0"



2 WALL SECTION S-1
3/16" = 1'-0"



3 WALL SECTION W-1
3/16" = 1'-0"



4 WALL SECTION E-1
3/16" = 1'-0"

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER:
CORE SYSTOME
420 Lexington Avenue, Sixth Floor
New York, NY 10003

STRUCTURAL ENGINEER:
SHARON ENGINEERING
2 Park Avenue, Suite 1000
Long Island City, NY 11101

MEP ENGINEER:
SHARON ENGINEERING
2 Park Avenue, Suite 1000
Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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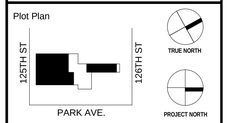
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

WALL SECTIONS

Sign & Seal

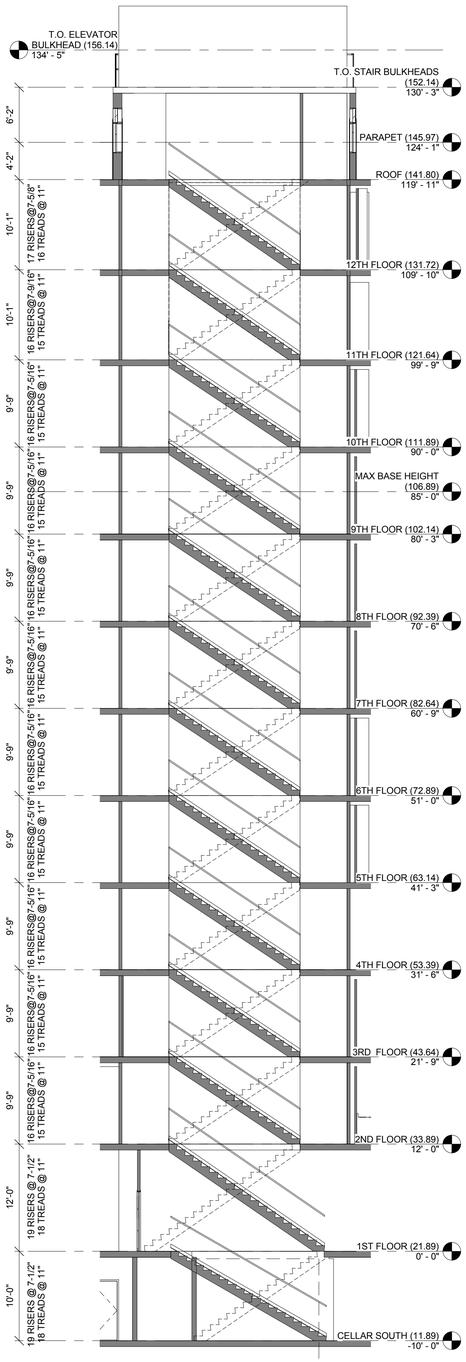
REGISTERED ARCHITECT
RICHARD KUTNICKI
16854
STATE OF NEW YORK

Drawing No.

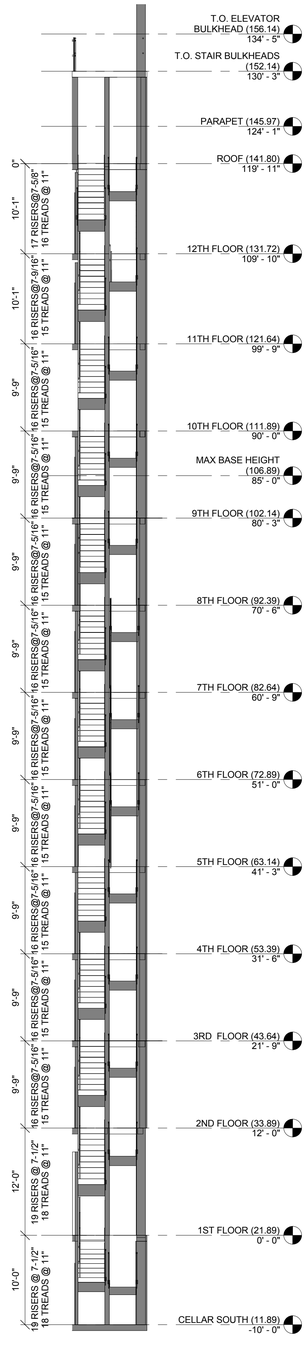
A-410.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 3/16" = 1'-0"	Checked by KBA	DOB sheet 50 OF 62

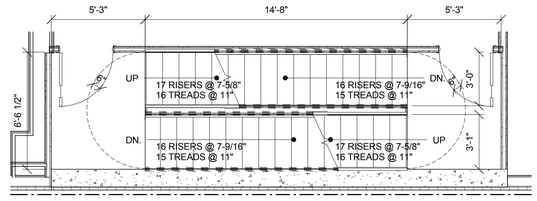
DOB NUMBER



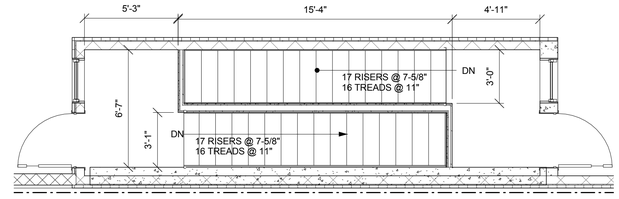
1 STAIR SECTION 1
1/8" = 1'-0"



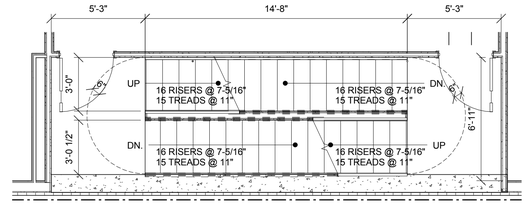
2 STAIR SECTION 2
1/8" = 1'-0"



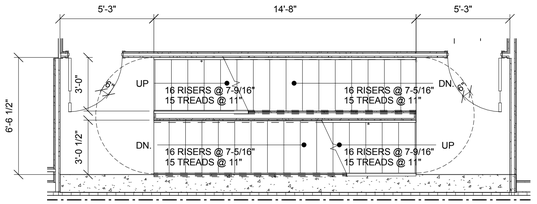
10 12TH FLOOR - STAIR PLAN
1/4" = 1'-0"



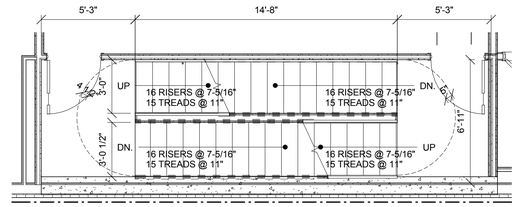
11 ROOF - STAIR PLAN
1/4" = 1'-0"



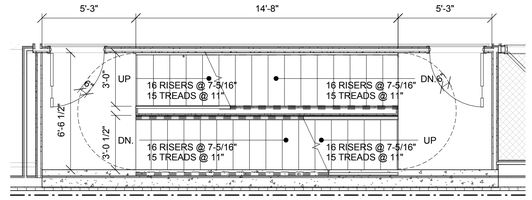
8 9TH-10TH FLOOR - STAIR PLAN
1/4" = 1'-0"



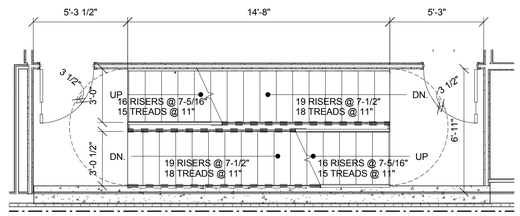
9 11TH FLOOR - STAIR PLAN
1/4" = 1'-0"



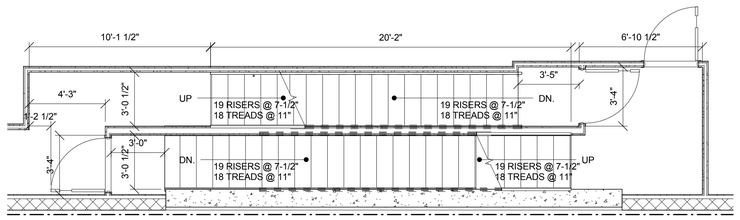
6 3RD - 6TH FLOOR - STAIR PLAN
1/4" = 1'-0"



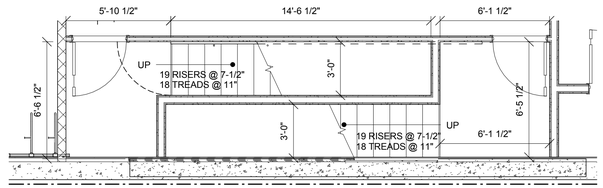
7 7TH-8TH FLOOR - STAIR PLAN
1/4" = 1'-0"



5 2ND FLOOR -STAIR PLAN
1/4" = 1'-0"



4 1ST FLOOR - STAIR PLAN
1/4" = 1'-0"



3 CELLAR - STAIR PLAN
1/4" = 1'-0"

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

STRUCTURAL ENGINEER: SHARON ENGINEERING 2 Park Avenue, 10th Floor New York, NY 10019

MEP ENGINEER: SHARON ENGINEERING 2 Park Avenue, 10th Floor New York, NY 10019

INTERIOR DESIGN:

LANDSCAPE DESIGN:

OWNER: CORETSTONE 69 East 125th Street 60th Floor New York, NY 10019

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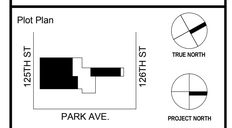
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

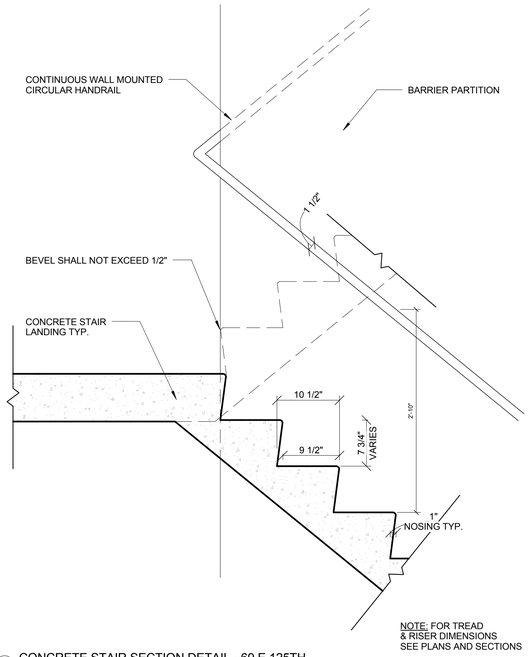
STAIR PLANS & SECTIONS SOUTH TOWER

Sign & Seal

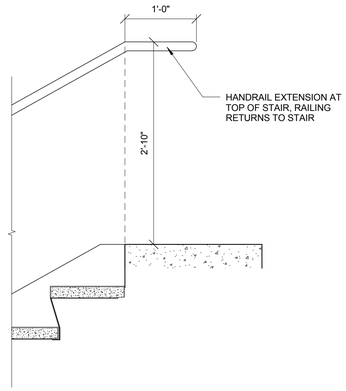
Drawing No.
A-600.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale As indicated	Checked by KBA	DOB sheet 51 OF 62

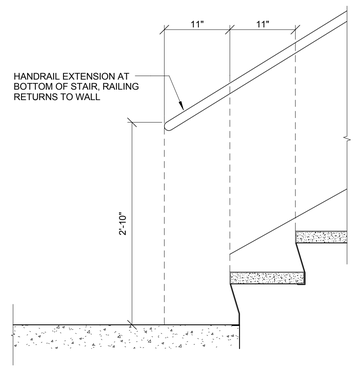
DOB NUMBER



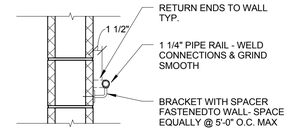
3 CONCRETE STAIR SECTION DETAIL - 69 E.125TH
1" = 1'-0"



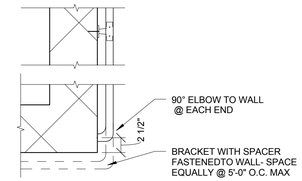
8 TYPICAL HANDRAIL EXTENSION @ TOP OF STAIR
1" = 1'-0"



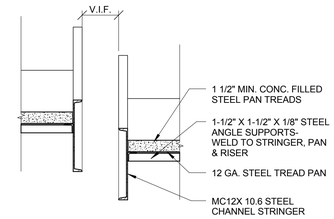
7 TYPICAL HANDRAIL EXTENSION @ BOTTOM OF STAIR
1" = 1'-0"



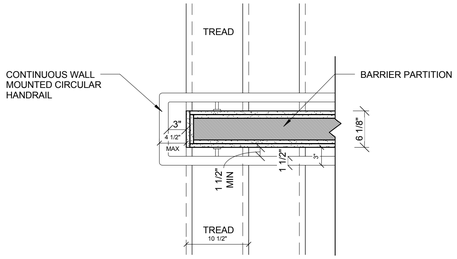
5 WALL HANDRAIL DETAIL SECTION



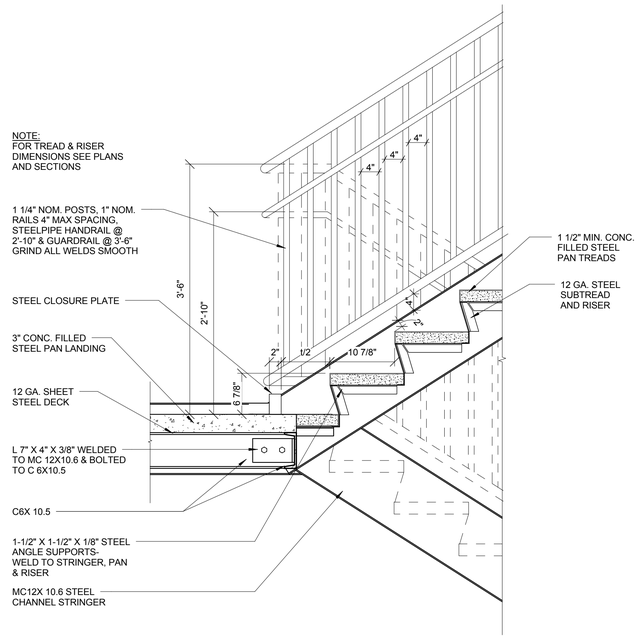
4 WALL HANDRAIL DETAIL PLAN



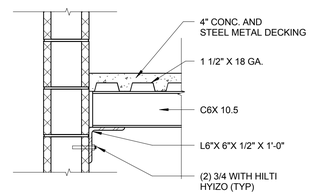
3 STRINGER SECTION



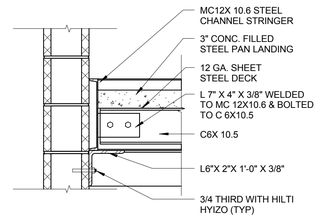
2 CONCRETE STAIR PLAN DETAIL
1" = 1'-0"



6 STEEL PAN STAIR/ LANDING CONNECTION DETAIL - 58 E. 126TH
1" = 1'-0"



2 INTERMEDIATE LANDING DETAIL



1 FLOOR LEVEL LANDING DETAIL

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER: CORE/STONE 125 East 125th Street 6th Floor New York, NY 10019

STRUCTURAL ENGINEER: SHARON ENGINEERING 2 Park Avenue, 10th Floor Long Island City, NY 11101

MEP ENGINEER: SHARON ENGINEERING 2 Park Avenue, 10th Floor Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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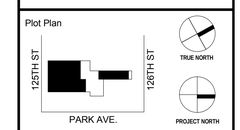
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

STAIR DETAILS SOUTH TOWER

Sign & Seal

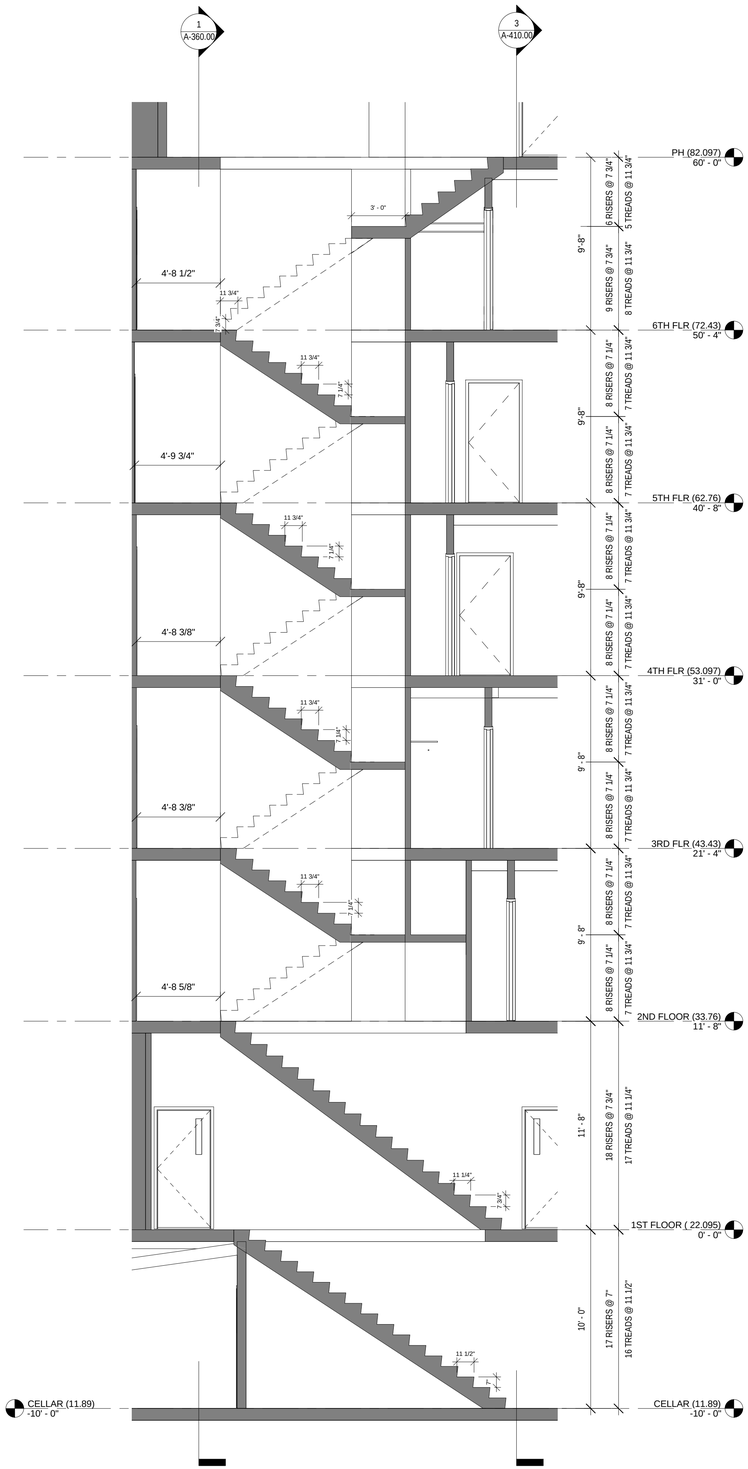
REGISTERED ARCHITECT KUTNICKI BERNSTEIN 16854 STATE OF NEW YORK

Drawing No.

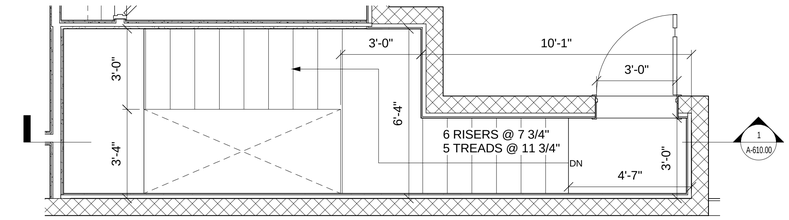
A-601.00

Date	Drawn by	Job No.
01/29/15	KBA	2014-079
Sheet scale	**Checked by**	**DOB sheet**
1" = 1'-0"	KBA	52 OF 62

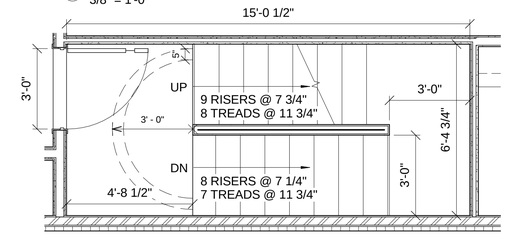
DOB NUMBER



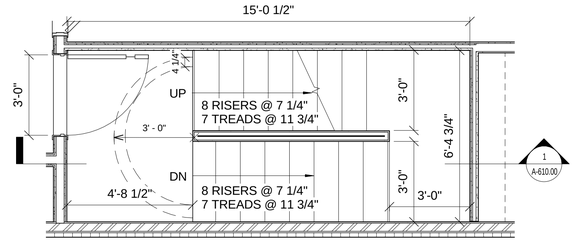
1 STAIR SECTION A
1/4" = 1'-0"



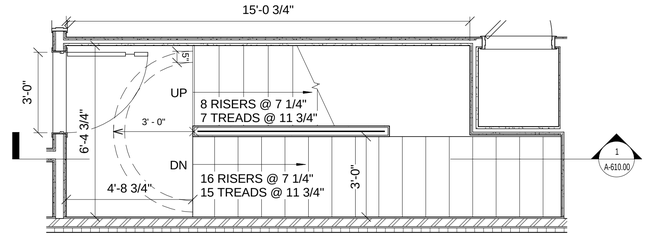
7 STAIR @ 7TH
3/8" = 1'-0"



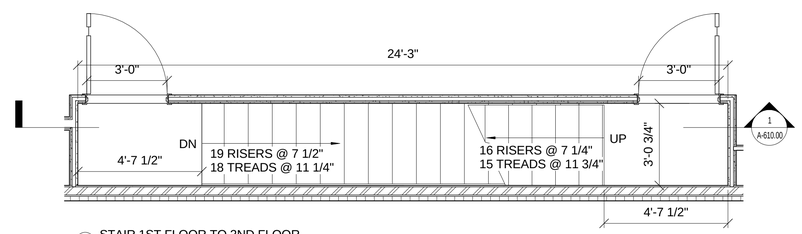
6 STAIR 6TH
3/8" = 1'-0"



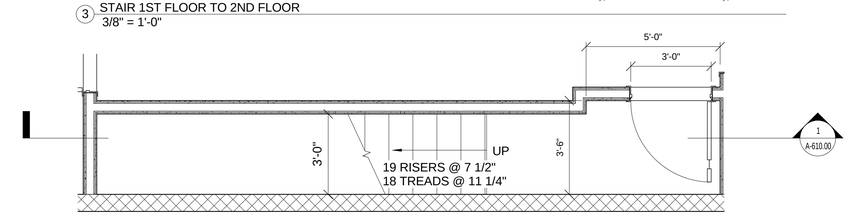
5 TYP. STAIR 3RD FLR TO 6TH FLR
3/8" = 1'-0"



4 STAIR 2ND FLR TO 3RD FLR
3/8" = 1'-0"



3 STAIR 1ST FLOOR TO 2ND FLOOR
3/8" = 1'-0"



2 STAIR CELLAR TO 1ST FLOOR
3/8" = 1'-0"

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER:
CORE/STONE
125 East 125th Street
6th Floor
New York, NY 10035

STRUCTURAL ENGINEER:
SHARON ENGINEERING
2175 Jericho Turnpike
Long Island City, NY 11101

MEP ENGINEER:
SHARON ENGINEERING
2175 Jericho Turnpike
Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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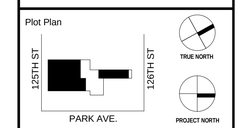
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

STAIR PLANS & SECTIONS NORTH TOWER

Sign & Seal

Drawing No.
A-610.00

Date	Drawn by	Job No.
01/29/15	KBA	2014-079
Sheet scale	**Checked by**	**DOB sheet**
As indicated	KBA	53 OF 62

DOB NUMBER

SHEET NOTES

SCHEDULED WALL DETAILS ARE BASIC MATERIAL AND COMPONENTS OF TYPICAL SCHEDULED WALLS, REFER TO DETAIL SHEETS AND SPECIFICATION FOR FURTHER DETAILS FOR SPECIFIC AREAS SUCH AS TRIMS, TERMINATION, PENETRATIONS AND APPLICATIONS.

1. PROVIDED 5/8" THICK MOISTURE RESISTANT GYP.. BD. AT ALL BATHROOMS, KITCHENS, WINDOW RETURN WALLS, ETC. AS SHOWN IN DETAILS, FIRECODE MR. BOARD REQUIRED AT RATED PARTITIONS. 5/8" CEMENTITIOUS BACKER BOARD REQUIRED AT FULL WALL OF TUB SURROUND, AND OTHER "WET AREAS"

2. REFER TO FINISH DETAILS FOR CEILING DETAILS.

3. ALL LOAD BEARING WALLS TO BE RATED AS PER CONSTRUCTION CLASSIFICATION. REFER TO STRUCTURAL DWGS FOR LOAD BEARING WALLS.

4. USE 1" TYPE S DRYWALL SCREWS 8" O.C. AT VERTICAL JOINTS AND 12" O.C. AT FLOOR AND CEILING RUNNERS AND INTERMEDIATE STUDS.

5. STAGGER GYP. BD. JOINTS AT 24" ON EACH SIDE AND ON OPPOSITE SIDES.

6. PROVIDE FIRE STOPPING AT ALL OPENINGS AND UNDERSIDE OF JOISTS.

7. LIMITING HEIGHT SCHEDULE.

U.S.C. METAL STUD SIZE	MAX. PARTITION HEIGHT
1-5/8"	9'
2-1/2"	12'
3-5/8"	18'

8. ALL SPECIFIED MATERIALS TO HAVE U.L. CLASSIFICATION MARKING.

9. METAL FRAMING TO BE STEEL NOT ALUMINUM.

10. ALL INTERIOR WALL STUDS AND FURRING MEMBERS TO BE 24-35 GA. GALV. STEEL UNLESS OTHERWISE NOTED IN DETAILS OR SPECIFICATIONS.

11. ALL STUDS AND FURRING MEMBERS AT 16" O.C. UNLESS OTHERWISE NOTED OR REQUIRED TO MEET DEFLECTION RATING.

12. USE 5/8" THICK GYP. BD. (TYPE X IN AREA INDICATED AS RATED IN PARTITION TYPES) AT ALL WALLS, CEILINGS, FOYERS, CLOSETS, ARCHWAY TO KITCHEN, IN ALL ROOMS OF APARTMENTS, PUBLIC SPACES AND COMMERCIAL SPACES.

13. FIRE OR SMOKE RATED PARTITIONS TO BE CONTINUOUS FROM FLOOR TO UNDERSIDE OF STRUCTURE ABOVE ALL OPENINGS (DOORS), PENETRATIONS (DUCTS, PIPES) CONNECTIONS AND JOINTS (CAULKING AND INSULATION) SHALL BE RATED TO MAINTAIN PARTITIONS'S RATING.

14. FIRE OR SMOKE RATED PARTITIONS SHALL BE UL LABELED AND SHALL CONFORM TO THE CODE REQUIREMENTS.

15. PROVIDE 3" THERMAFIBER SAFB (SOUND ATTENUATION FIRE BLANKET) INSULATION AT ALL DEMISING WALLS, PLUMBING RISERS, MECHANICAL RISERS, BEARING METAL/WOOD STUD WALLS, AND BATHROOM WALLS (MEA 208-82-M).

16. PROVIDE FIRE RATING AS NOTED ON PLANS.

17. CMU BLOCK SHALL HAVE THE FOLLOWING MIN. EQUIVALENT THICKNESS TO ACHIEVE THE REQUIRED FIRE RATING

FIRE RATING			
1 HR.	2 HR.	3 HR.	4 HR.
2.52	3.80	4.78	5.60

PROVIDE SOLID OR SOLID FILL BLOCK WHERE REQUIRED TO ACHIEVE FIRE RATING

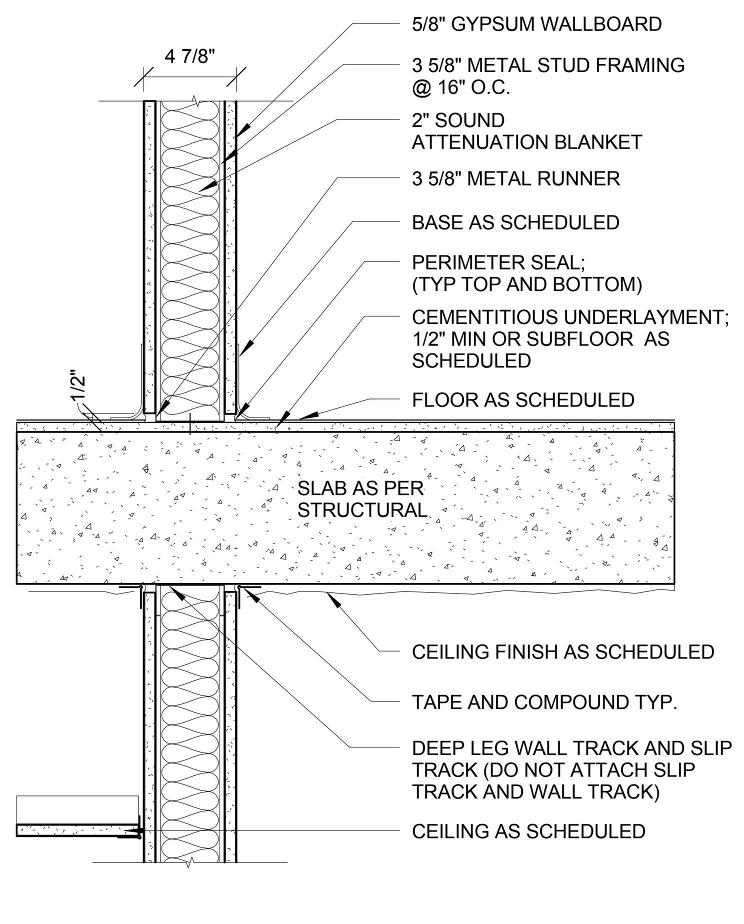
18. MEMBRANE PENETRATION AND THROUGH PENETRATION OF FIRE-RESISTANCE- RATED WALLS , INCLUDING RECESSED RECEPTACLE BOXES, ETC. SHALL BE PROTECTED IN ACCORDANCE WITH NYC BUILDING CODE 712.3

MASONRY EQUIVALENT & IMPACT RESISTANT NOTES

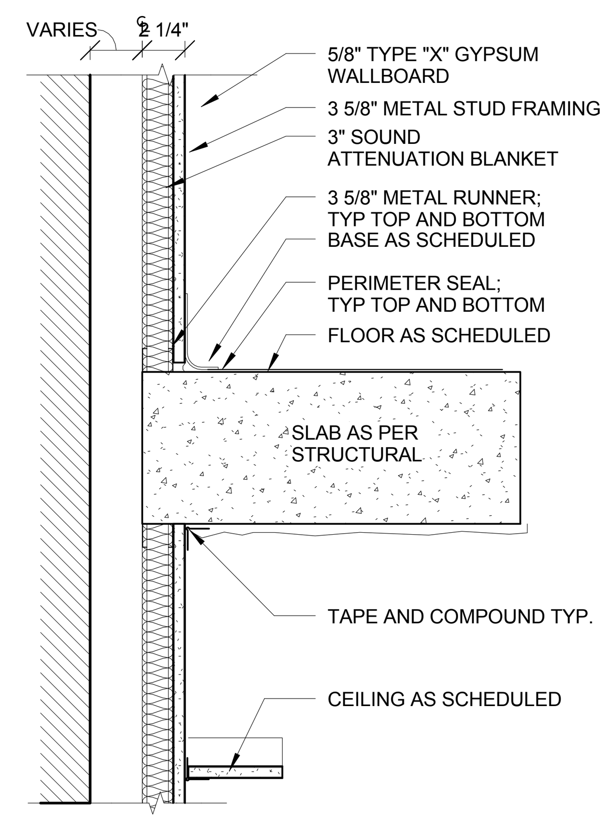
THE FOLLOWING SHALL APPLY TO PARTITION TYPES USED AT STAIR & ELEVATOR ENCLOSURES LOCATIONS:

ASSEMBLY SHALL COMPLY WITH RULES OF THE CITY OF NEW YORK, TITLE 1 DEPT. OF BUILDINGS SEC. 1014-01 MASINRY EQUIVALENT EXIT ENCLOSURES AND SEC. 403-01 IMPACT RESISTANT STAIR AND ELEVATOR SHAFT ENCLOSURES:

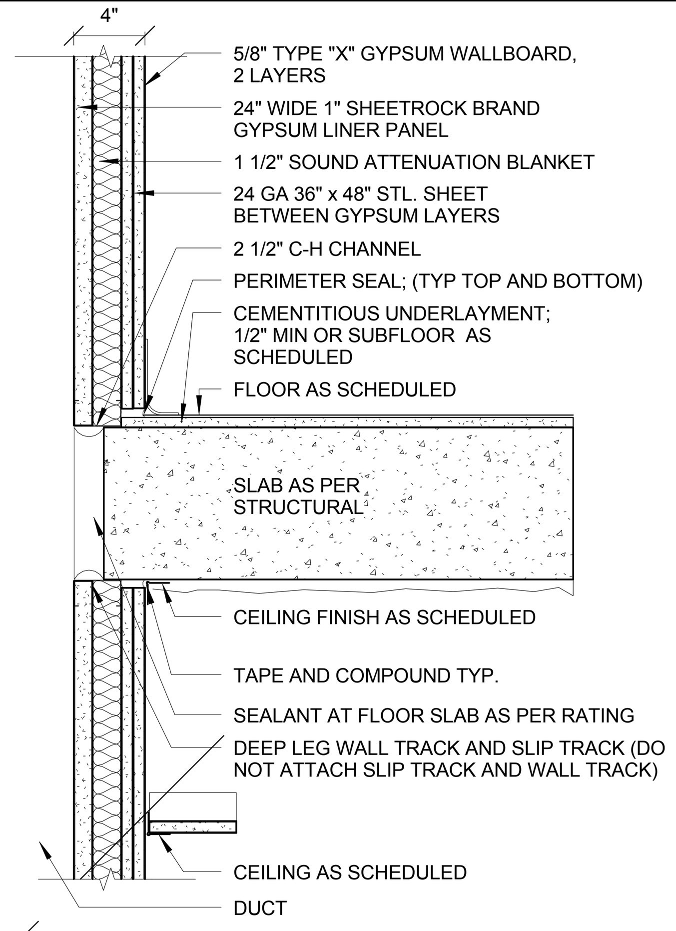
1. MATERIALS: GWB SHALL BE IMPACT RESISTANT TYPE, ASTM C 1629-06 STANDARD CLASSIFICATION FOR ABUSE-RESISTANT NON-DECORATED INTERIOR GYPSUM PANEL PRODUCTS & FIBER REINFORCED CEMENT PANELS,
HARD BODY IMPACT CLASSIFICATION LEVEL 2, AND BOTH BASE AND FINISH LAYERS SHALL BE MIN. 5/8" GWB.
2.ASSEMBLY: 2-HOUR MIN. FIRE RESISTANT RATED ASSEMBLY REQ'D.
3.INSTALLATION:
A.STUDS SHALL BE 3-1/2" MIN. 20 GA
B.VERTICAL STUDS TO BE SPACED AT 24" O.C. MAX
C.RUNNERS TO BE SECURELY ATTACHED TO FLOOR & CEILING STRUCTURE & SHALL COMPLY W/ STRUCTURAL REQUIREMENTS OF THE BUILDING CODE.
D. WALLBOARDS SHALL BE ATTACHED WITH NO. 8 SELF DRILLING BUGLE-HEAD
SCREWS, 12" O.C. M,AX. W/ A MIN. DEPTH OF 5/8" PENETRATION INTO THE WALL
CAVITY.
4.CMU ASSEMBLIES: SAHLL SATISFY IMPACT & FIRE RESISTANCE RQATINGS ABOVE.



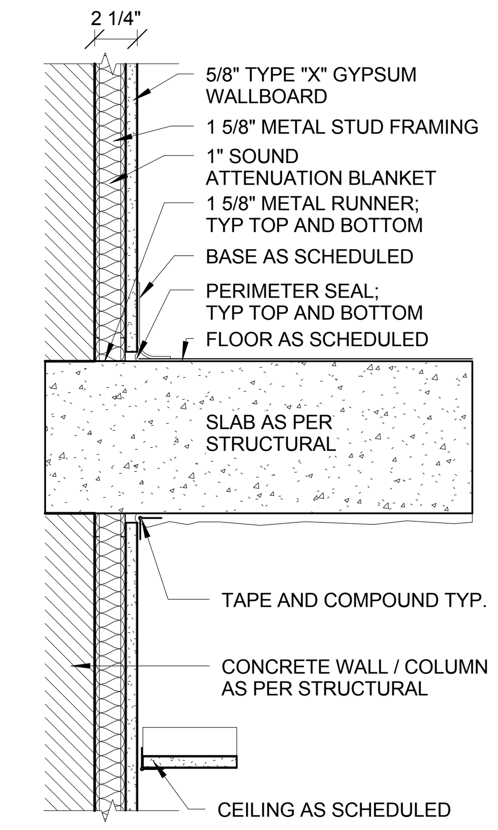
P1 NON-LOAD BEARING STUD WALL
1 HR RATED UL #419; STC 52 1-1/2"= 1'-0"



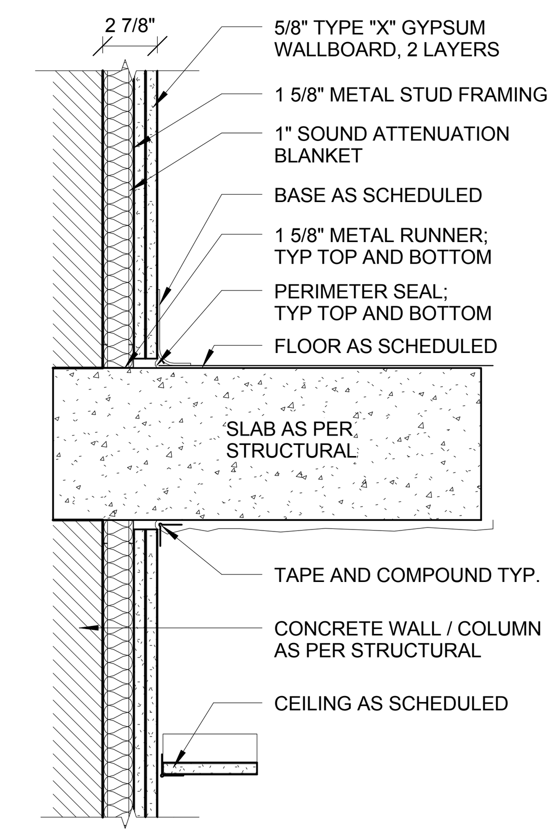
H3 CHASE WALL 1-1/2"= 1'-0"



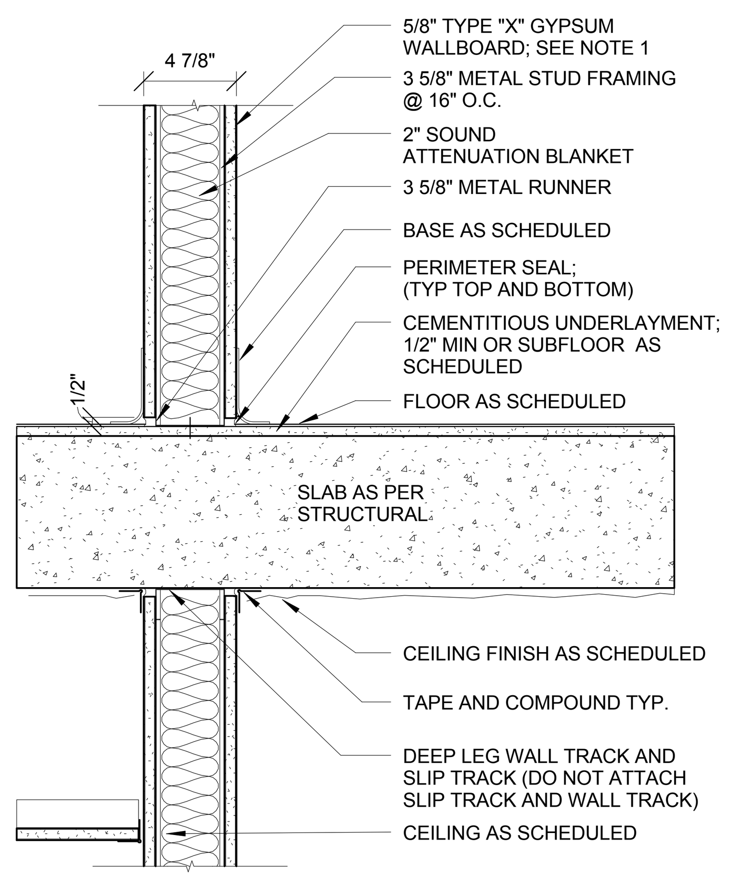
S1 SHAFT ENCLOSURE
2 HR RATED UL #438; STC 52 1-1/2"= 1'-0"



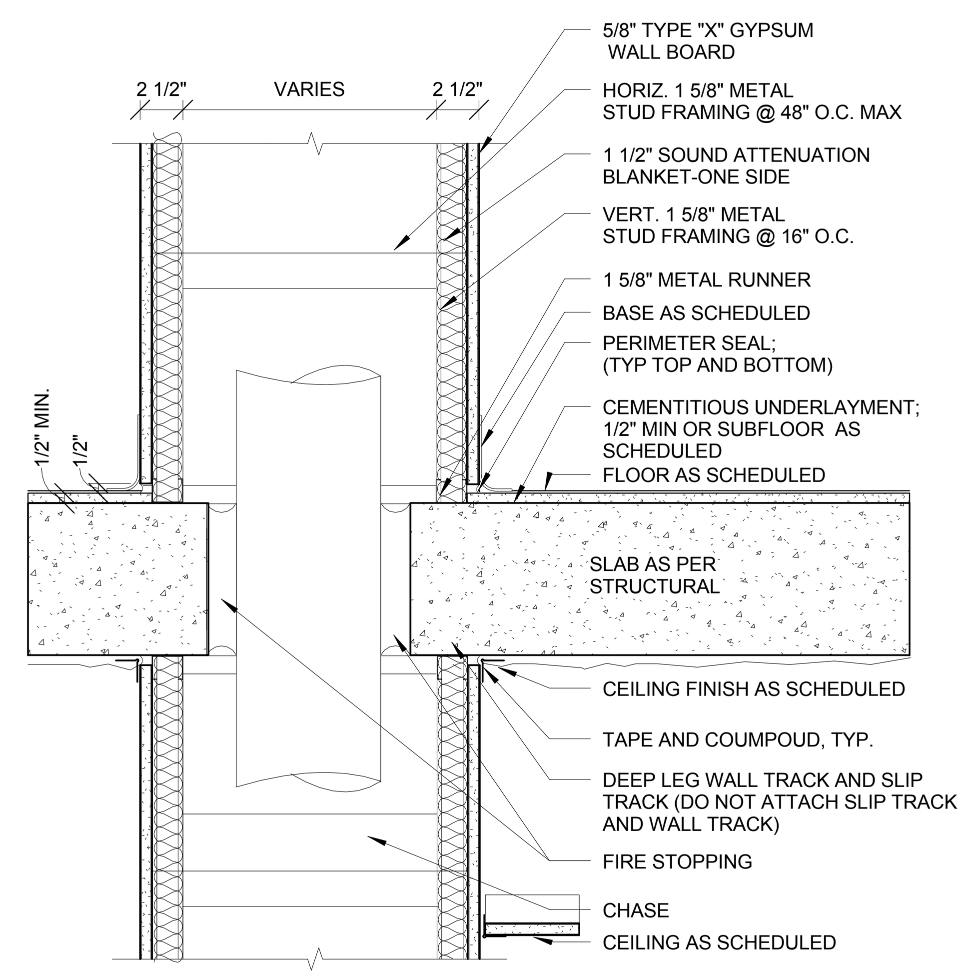
F1 FURRING WALL 1-1/2"= 1'-0"



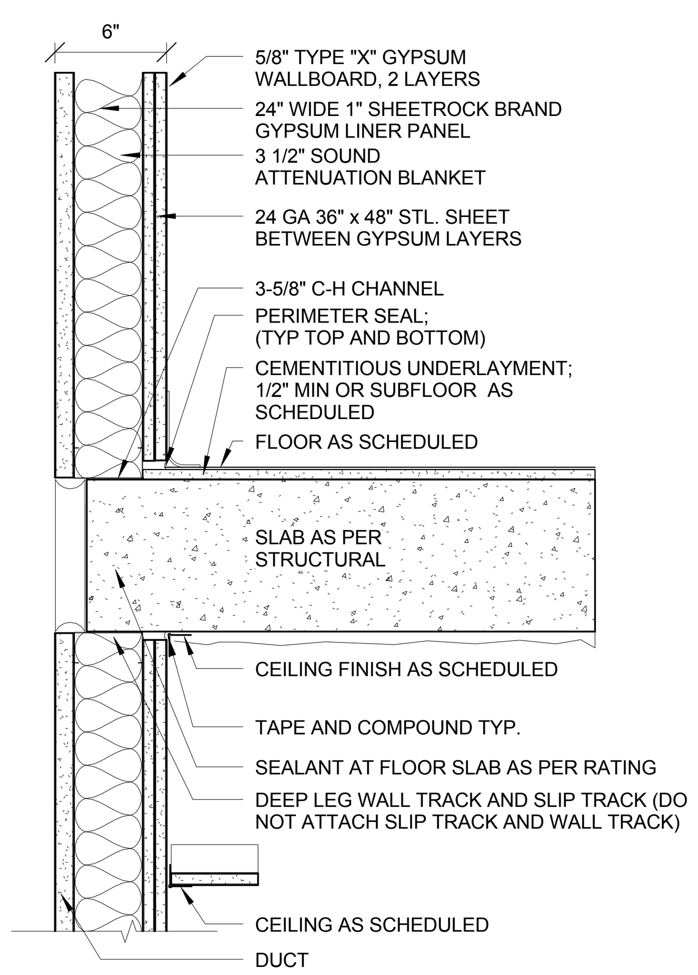
F2 FURRING WALL 1-1/2"= 1'-0"



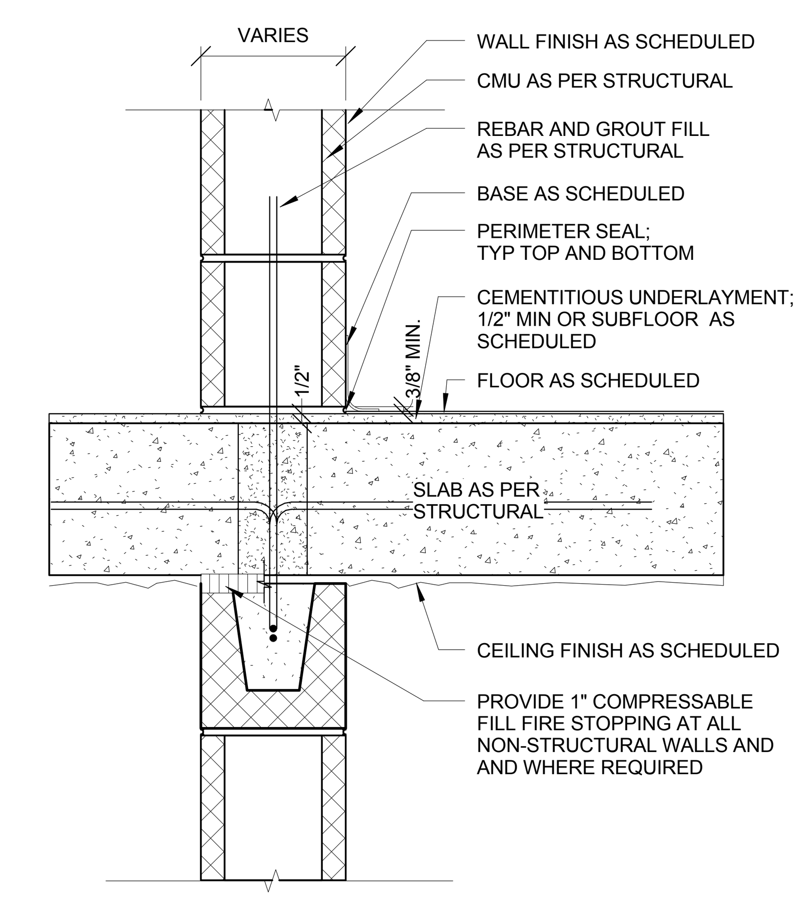
R1 NON-LOAD BEARING STUD WALL
1 HR RATED UL #419; STC 52 1-1/2"= 1'-0"



H1 CHASE ENCLOSURE
1 HR RATED UL #420; STC 52 1"= 1'-0"



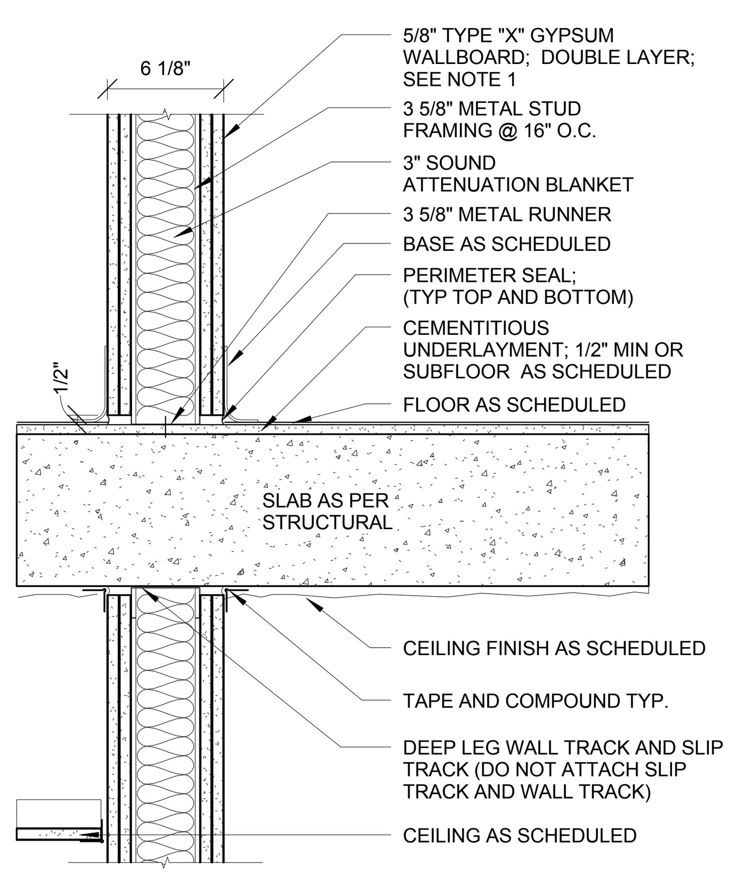
S2 SHAFT ENCLOSURE @ STAIR & ELEVATOR SHAFT
2 HR RATED UL #438; STC 52 1-1/2"= 1'-0"
(MASONRY EQUIVALENT & IMPACT RESISTANT)



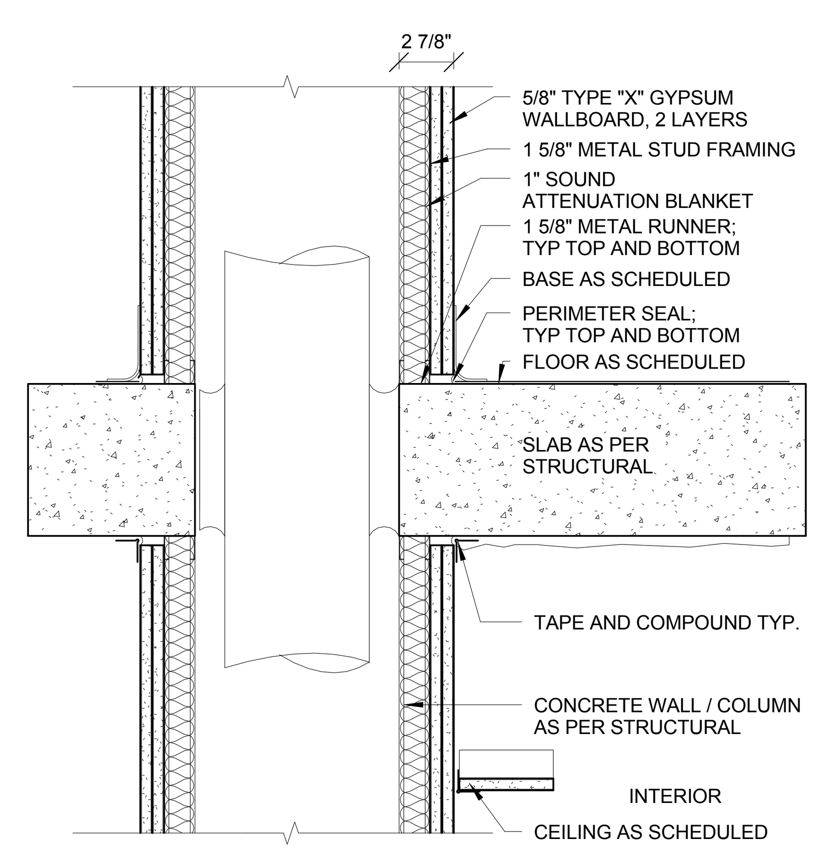
C1 MASONRY WALL 6" CMU
2 HR FIRE RATING 1-1/2"= 1'-0"

C2 MASONRY WALL 8" CMU
2 HR FIRE RATING 1-1/2"= 1'-0"

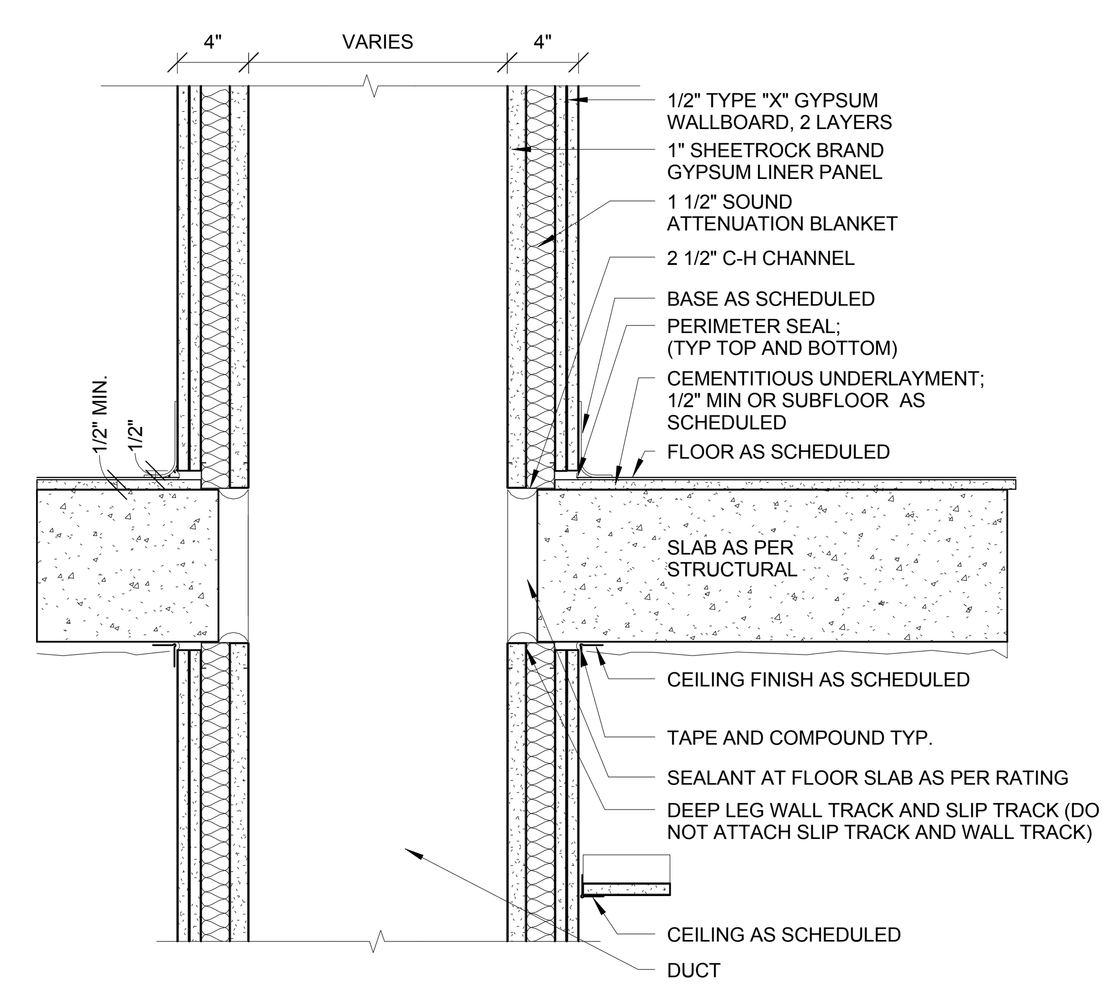
C3 MASONRY WALL FILLED 8" CMU
3 HR FIRE RATING 1-1/2"= 1'-0"



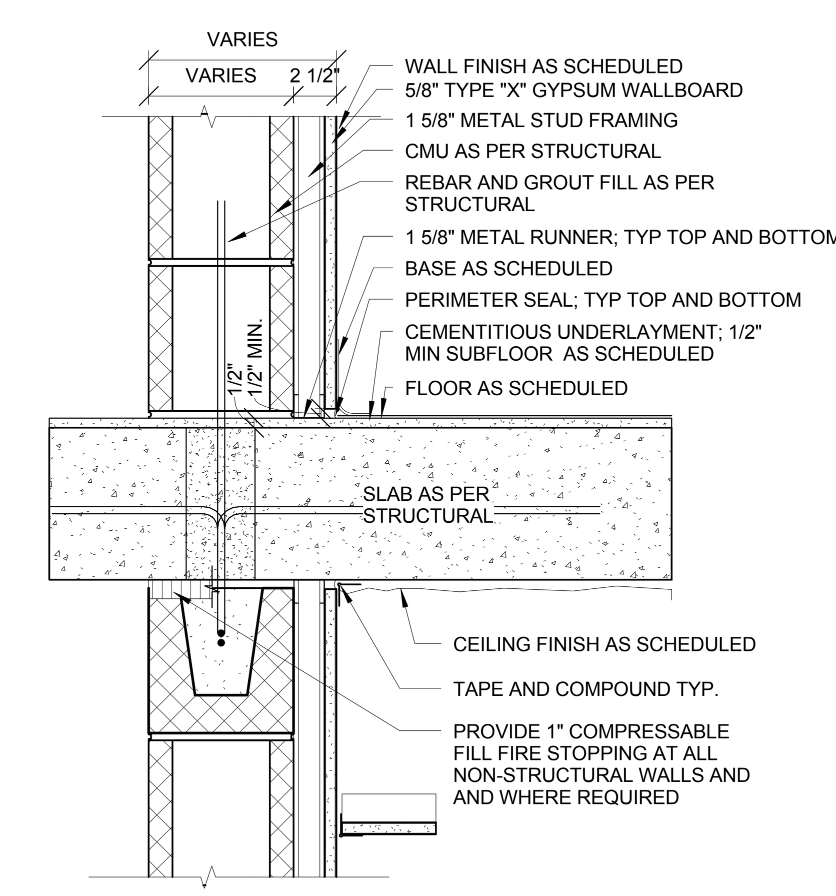
R2 NON-LOAD BEARING STUD WALL
2 HR RATED UL #411; STC 52 1-1/2"= 1'-0"



H2 CHASE ENCLOSURE
2 HR RATED UL #411; STC 52 1-1/2"= 1'-0"



S3 DUCT ENCLOSURE
2 HR RATED UL #438; STC 52 1-1/2"= 1'-0"



C1A MASONRY WALL 6" CMU- (W/ GWB FINISH ONE SIDE)
2 HR FIRE RATING 1-1/2"= 1'-0"

C2A MASONRY WALL 8" CMU- (W/ GWB FINISH ONE SIDE)
2 HR FIRE RATING 1-1/2"= 1'-0"

Project
69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER: GREYSTONE 152 West 57th Street 60th Floor New York NY 10019
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MEP ENGINEER: SHARON ENGINEERING 3427 Steinway Street Long Island City, NY 11101
INTERIOR DESIGN:
LANDSCAPE DESIGN:

kba

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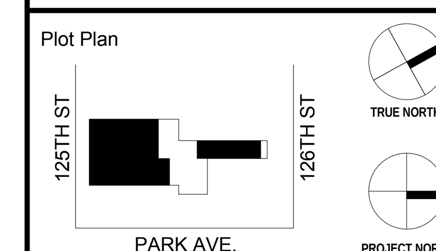
Issuance Schedule

No.	Date	Description
	12/31/2013	ISSUE FOR FILING
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title
INTERIOR PARTITION TYPES SOUTH TOWER

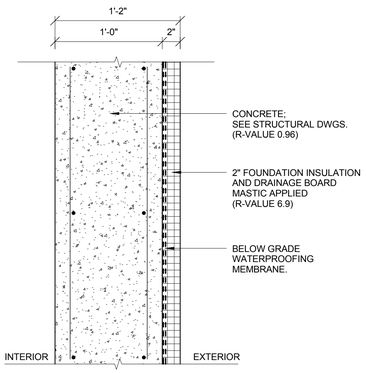
Sign & Seal
REGISTERED ARCHITECT DANIEL KENNETH BERNSTEIN 16854 STATE OF NEW YORK

Drawing No.
A-800.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale As indicated	Checked by KBA	DOB sheet 54 OF 62

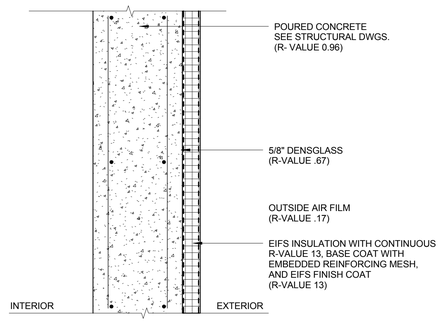
DOB NUMBER

EXTERIOR WALL TYPES

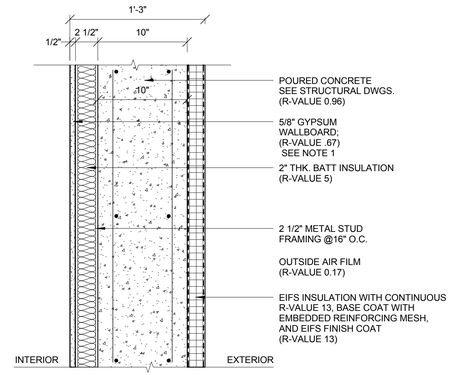


E1A CONCRETE FOUNDATION WALL COMBINED R-VALUE 7.86
1-1/2"= 1'-0"

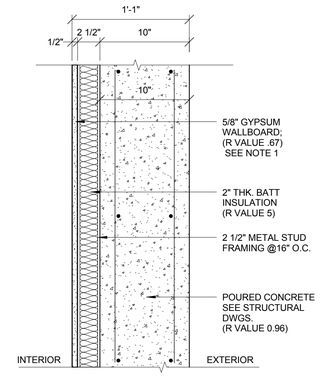
NOTE: USE BLIND SIDE WATERPROOFING AT NEIGHBORING BUILDINGS AND WHERE ACCESS IS LIMITED



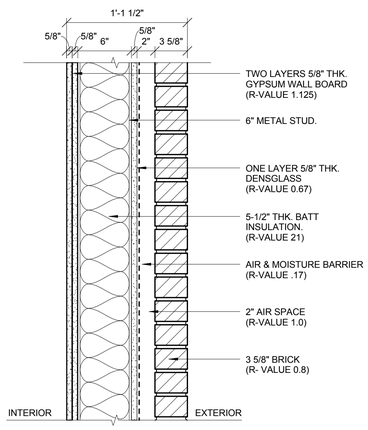
E1B CONCRETE WALL - EIFS EXTERIOR COMBINED R-VALUE 14.8
1-1/2"= 1'-0"



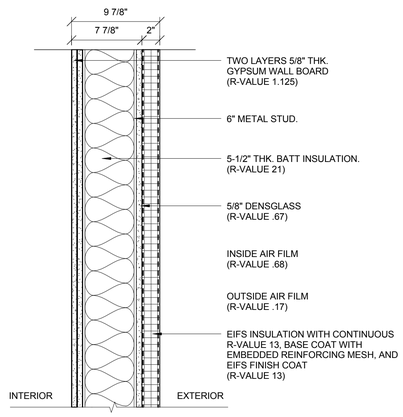
E1C CONCRETE WALL - EIFS EXTERIOR, GYP. INTERIOR COMBINED R-VALUE 19.80
1-1/2"= 1'-0"



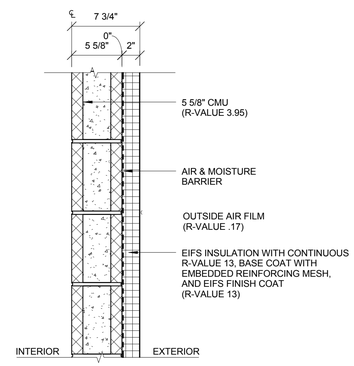
E1D CONCRETE WALL - GYP. INTERIOR COMBINED R-VALUE 6.63
1-1/2"= 1'-0"



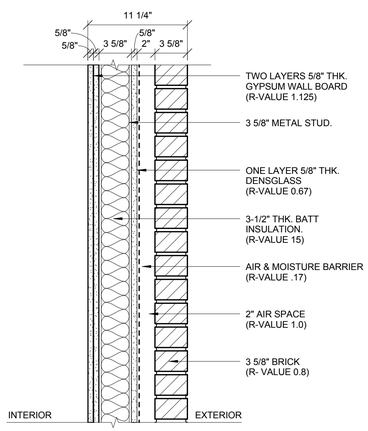
E2B TYPICAL BRICK METAL STUD WALL COMBINED R-VALUE 24.765
2 HR RATED 1-1/2"= 1'-0"



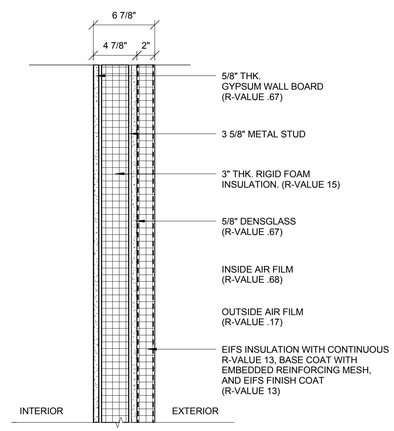
E2A TYPICAL EIFS METAL STUD WALL COMBINED R-VALUE 36.645
2 HR RATED 1-1/2"= 1'-0"



10A MASONRY WALL 6" CMU-(W/ GWB FINISH ONE SIDE) COMBINED R-VALUE 17.12
2 HR FIRE RATING 1-1/2"= 1'-0"



E2C TYPICAL BRICK METAL STUD WALL COMBINED R-VALUE 18.765
2 HR RATED 1-1/2"= 1'-0"



E2D TYPICAL EIFS METAL STUD WALL COMBINED R-VALUE 30.19
2 HR RATED 1-1/2"= 1'-0"

1 EXTERIOR PARTITION TYPES
1 1/2" = 1'-0"

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER: CORY STONE 69 East 125th Street 600 Fifth Floor New York, NY 10019

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MEP ENGINEER: SHARON ENGINEERING 2 Park Avenue, 10th Floor Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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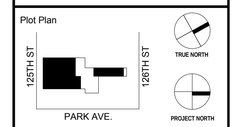
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

EXTERIOR PARTITION TYPES SOUTH TOWER

Sign & Seal

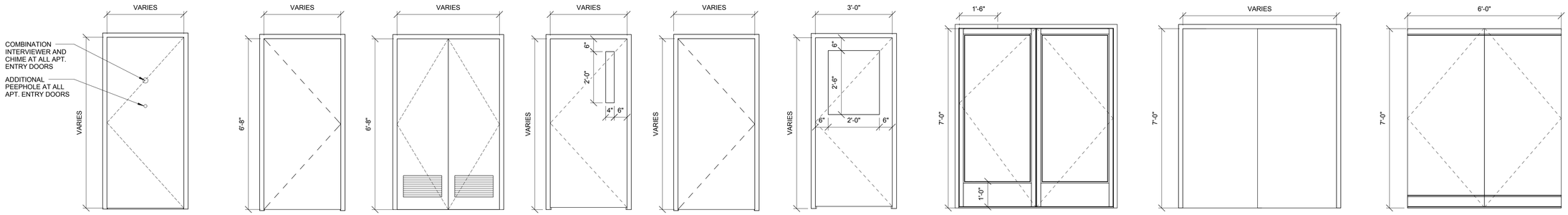
Drawing No.

A-801.00

Date	Drawn by	Job No.
01/29/15	KBA	2014-079
Sheet scale	**Checked by**	**DOB sheet**
1 1/2" = 1'-0"	KBA	55 OF 62

DOB NUMBER

DOOR TYPES



TYPE A
FLUSH HOLLOW METAL DOOR
@ APARTMENT ENTRY (W/ PEEP HOLE & CHIME)
@ UTILITY AREAS (W/OUT PEEP HOLE & CHIME)

TYPE B
FLUSH SOLID WOOD DOOR
@ BDRM & CLOSET W/OUT SADDLE
@ BATH & W/D W/ SADDLE
@ CLOSET

TYPE C
PAIR FLUSH SOLID WOOD DOORS
@ W/D DOORS W/ LOUVER
@ CLOSETS W/OUT LOUVER

TYPE D
DOOR W/ NARROW LIGHT
@ STAIR & TRASH ROOM

TYPE E
FLUSH HOLLOW METAL DOOR
@ BOILER ROOM, MECH ROOMS

TYPE F
DOOR W/ HALF LIGHT

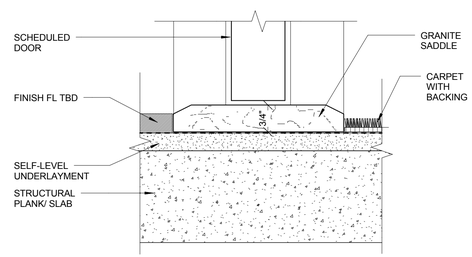
TYPE K
PAIR ALUMINUM ENTRY DOOR

TYPE L
2 PANEL SLIDING DOORS
@ CLOSET W/O SADDLE

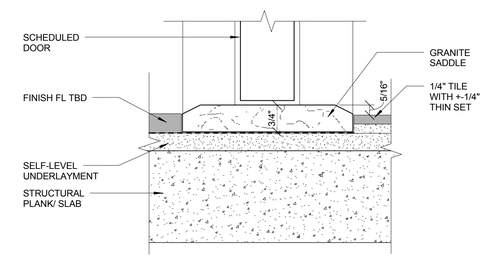
TYPE M
PAIR GLASS SWINGING DOORS
@ 1ST FLOOR RECREATION SPACE

DOOR SCHEDULE

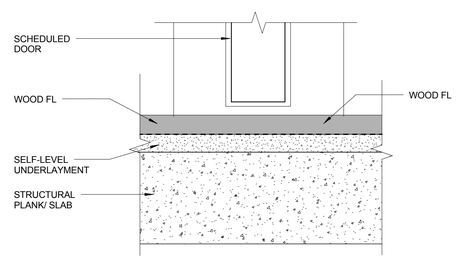
WT	TYPE	LOCATION	DOOR WIDTH	DOOR HEIGHT	DOOR THICKNESS	DOOR MATL.	FRAME TYPE	FRAME TYPE	FIRE RATING	STC
B				6' - 8"	0' - 1 3/4"					
C01			5' - 0"	7' - 0"	0' - 1 3/4"	HM	HMW		1.5 HR	52
C02			3' - 0"	6' - 8"	0' - 1 3/4"	HM	HMW		1.5 HR.	52
E		APARTMENT BATHROOM	3' - 0"	7' - 0"	0' - 1 3/4"	HM	HMW		--	52
E01		FIRE EXIT								
E02			3' - 0"	6' - 8"	0' - 1 3/4"	HM	HMW			52
G			4' - 0"	6' - 8"	0' - 1 3/4"	WD	HMKD		--	52
T01	TYPE A	APT ENTRY	3' - 0"	6' - 8"	0' - 1 3/4"	HM	HMW		1.5 HR.	52
T02	TYPE B		3' - 0"	6' - 8"	0' - 1 3/4"	WD	HMKD		--	52
T03	TYPE B		2' - 10"	6' - 8"	0' - 1 3/4"	WD	HMKD		--	52
T04	TYPE B		2' - 10"	6' - 8"	0' - 1 3/4"	WD	HMKD		--	52
T05	TYPE C		4' - 0"	6' - 8"	0' - 1 3/4"	WD	HMKD		--	52
T06	TYPE B		2' - 6"	6' - 8"	0' - 1 3/4"	WD	HMKD		--	52
T07	TYPE B		2' - 0"	6' - 8"	0' - 1 3/4"	WD	HMKD		--	52
T08			2' - 10"	6' - 8"	0' - 1 3/4"	WD	HMKD			
T09	TYPE C		3' - 6"	6' - 8"	0' - 1 3/4"	WD	HMKD		--	52
T11			5' - 0"	6' - 8"	0' - 1 3/4"	WD	HMKD		--	52
T12	TYPE D		3' - 0"	7' - 0"	0' - 1 3/4"	HM	HMW		--	52
T13		FIRE EXIT STAIR	3' - 0"	6' - 8"	0' - 1 3/4"	HM	HMW		1.5 HR	52
T14	TYPE C		2' - 6"	6' - 8"	0' - 1 3/4"	WD	HMKD		--	52
VT			2' - 6"	7' - 3"	0' - 1 3/4"	HM	HMW			52
X			3' - 0"		0' - 1 3/4"	HM	HMW			52



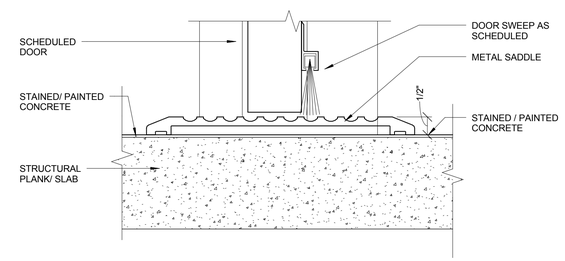
9 SADDLE DETAIL @ WOOD FL TO CARPET
6" = 1'-0"



9 SADDLE DETAIL @ TILE FLOORING TO TILE FLOORING
6" = 1'-0"



9 SADDLE DETAIL @ CONT. WOOD FL
6" = 1'-0"



5 SADDLE DETAIL @ STAINED CONC. TO STAINED CONC.
6" = 1'-0"

2 DOOR SADDLE DETAILS
6" = 1'-0"

Project
69 EAST 125TH ST.
NEW YORK, NY 10035

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LANDSCAPE DESIGN:

OWNER: CORE/STONE 125 East 125th Street 600h Floor New York, NY 10019

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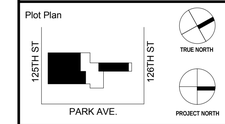
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

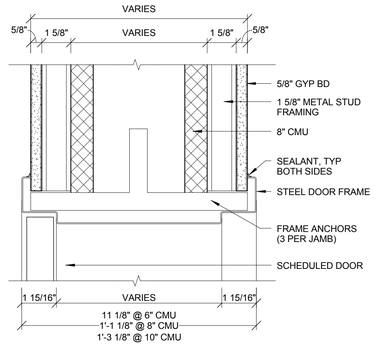
Drawing Title
DOOR SCHEDULE,DOOR HEAD & JAMB DETAILS SOUTH TOWER

Sign & Seal
REGISTERED ARCHITECT
12/31/2013 ISSUE FOR FILING

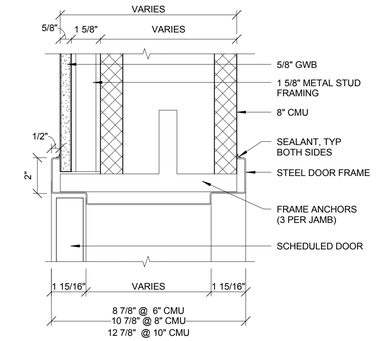
Drawing No.
A-802.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale As indicated	Checked by KBA	DOB sheet 56 OF 62

DOB NUMBER



12 JAMB, HEAD SIM.
3" = 1'-0"



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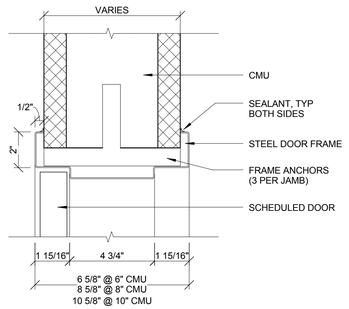

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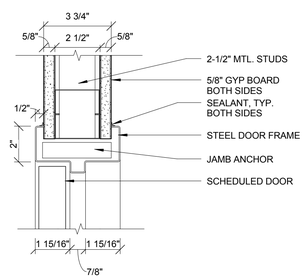
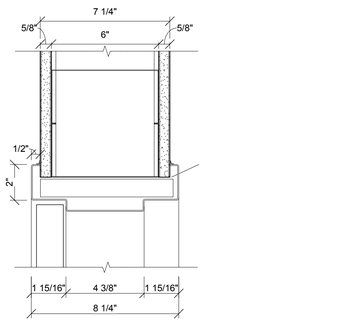


4 JAMB, HEAD SIM.
3" = 1'-0"



3B JAMB, HEAD SIM.
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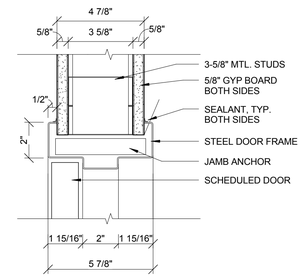
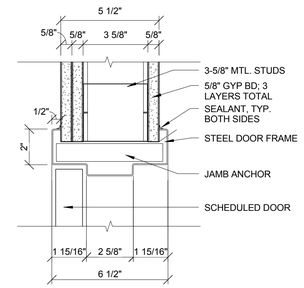
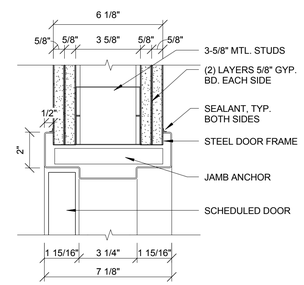


3A JAMB, HEAD SIM.
3" = 1'-0"



2 JAMB, HEAD SIM.
3" = 1'-0"



1 JAMB, HEAD SIM.
3" = 1'-0"

1 DOOR HEAD & JAMB DETAILS
3" = 1'-0"

Project

69 EAST 125TH ST.
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KUTNICKI BERNSTEIN ARCHITECTS
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INTERIOR DESIGN:

LANDSCAPE DESIGN:

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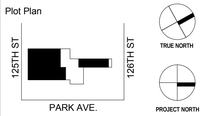
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

TYP. DOOR DETAILS
SOUTH TOWER

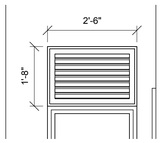
Sign & Seal

Drawing No.
A-803.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 3" = 1'-0"	Checked by KBA	DOB sheet 57 OF 62

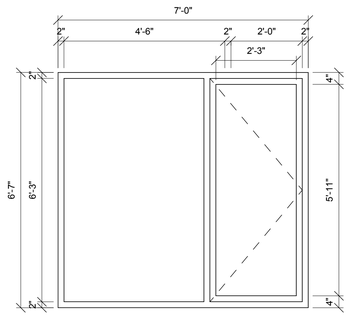
DOB NUMBER

WINDOW SCHEDULE								
TYPE	DESCRIPTION	Height	Width	Manufacturer	Model	Count	SHGC	U-FACTOR (HTC)
LV1	LOUVERED OPENING	1' - 8"	2' - 6"	RAYNAERS	CS68	2		
W01	CASEMENT	6' - 7"	7' - 0"	RAYNAERS	CS68	89	0.28	0.28
W02	CASEMENT	6' - 7"	5' - 0"	RAYNAERS	CS68	49	0.28	0.28
W03	CASEMENT	6' - 7"	3' - 10"	RAYNAERS	CS68	2	0.28	0.28
W04	CASEMENT	6' - 0"	3' - 10"	RAYNAERS	CS68	10	0.28	0.28
W05	CASEMENT	6' - 7"	4' - 0"	RAYNAERS	CS68	15	0.28	0.28
W06	FIXED	3' - 4"	2' - 6"	RAYNAERS	CS68	2	0.28	0.28
W61	CASEMENT W/LOUVERED OPENING	7' - 6"	2' - 11"	RAYNAERS	CS 68 AP Without Glass Protection TS	2		



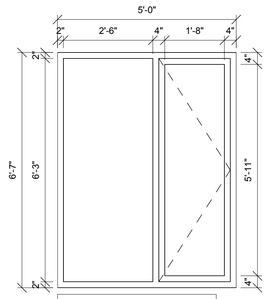
NATURAL LIGHT: 0 SF
NATURAL VENTILATION: 2.6 SF

1 WINDOW L01
1/2" = 1'-0"



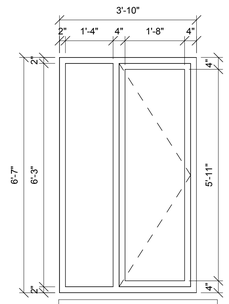
NATURAL LIGHT: 37.79 SF
NATURAL VENTILATION: 16.15 SF

2 WINDOW W01
1/2" = 1'-0"



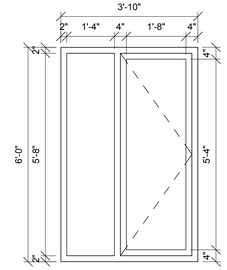
NATURAL LIGHT: 25.49 SF
NATURAL VENTILATION: 12.50 SF

3 WINDOW W02
1/2" = 1'-0"

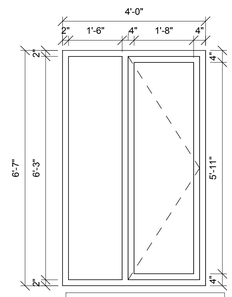


NATURAL LIGHT: 18.19 SF
NATURAL VENTILATION: 12.50 SF

4 WINDOW W03
1/2" = 1'-0"

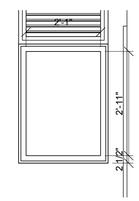


5 WINDOW W04
1/2" = 1'-0"



NATURAL LIGHT: 14.22 SF
NATURAL VENTILATION: 12.50 SF

6 WINDOW W05
1/2" = 1'-0"



NATURAL LIGHT: 6.07 SF
NATURAL VENTILATION: 0 SF

7 WINDOW W06
1/2" = 1'-0"

Project

69 EAST 125TH ST.
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INTERIOR DESIGN:

LANDSCAPE DESIGN:

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Issuance Schedule

No.	Date	Description
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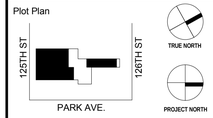
No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

WINDOW SCHEDULE &
DETAILS SOUTH TOWER

Sign & Seal

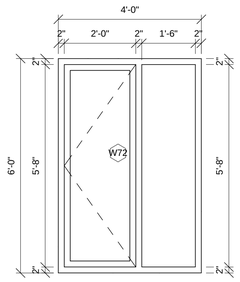
Drawing No.

A-804.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/2" = 1'-0"	Checked by KBA	DOB sheet 58 OF 62

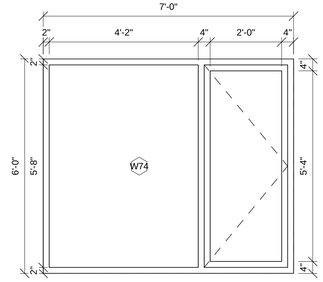
DOB NUMBER

WINDOW SCHEDULE								
TYPE	Description	Height	Width	Manufacturer	Model	Count	SHGC	U-FACTOR (HTC)
W72	CASEMENT	6' - 0"	4' - 0"	Reynaers	CS68	11	0.28	0.28
W74	CASEMENT	6' - 0"	7' - 0"	Reynaers	CS68	3	0.28	0.28
W75	CASEMENT	6' - 0"	6' - 0"	Reynaers	CS68	12	0.28	0.28
W92	CASEMENT	6' - 0"	7' - 0"	Reynaers	CS68	2	0.28	0.28



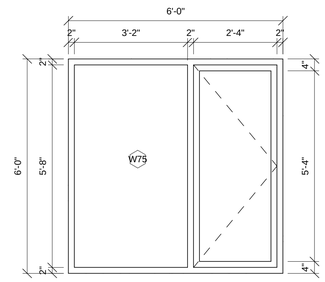
NATURAL LIGHT: 17.39 SF
NATURAL VENTILATION: 11.33 SF

1 WINDOW W72
1/2" = 1'-0"



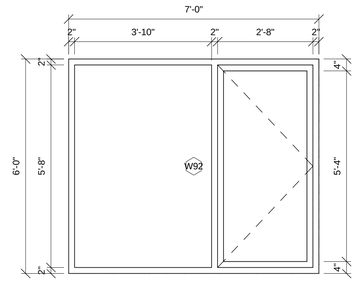
NATURAL LIGHT: 34.28 SF
NATURAL VENTILATION: 13.22 SF

2 WINDOW W74
1/2" = 1'-0"



NATURAL LIGHT: 28.55 SF
NATURAL VENTILATION: 11.33 SF

3 WINDOW W75
1/2" = 1'-0"



NATURAL LIGHT: 34.16 SF
NATURAL VENTILATION: 15.11 SF

4 WINDOW 92
1/2" = 1'-0"

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

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INTERIOR DESIGN:

LANDSCAPE DESIGN:

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Issuance Schedule

No.	Date	Description
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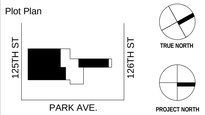
Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

WINDOW SCHEDULE & DETAILS NORTH TOWER

Sign & Seal

Drawing No.

A-806.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1/2" = 1'-0"	Checked by KBA	DOB sheet 59 OF 62

DOB NUMBER

SHEET NOTES

SCHEDULED WALL DETAILS ARE BASIC MATERIAL AND COMPONENTS OF TYPICAL SCHEDULED WALLS, REFER TO DETAIL SHEETS AND SPECIFICATION FOR FURTHER DETAILS FOR SPECIFIC AREAS SUCH AS TRIMS, TERMINATION, PENETRATIONS AND APPLICATIONS.

1. PROVIDED 5/8" THICK MOISTURE RESISTANT GYP.. BD. AT ALL BATHROOMS, KITCHENS, WINDOW RETURN WALLS, ETC. AS SHOWN IN DETAILS, FIRECODE MR. BOARD REQUIRED AT RATED PARTITIONS. 5/8" CEMENTITIOUS BACKER BOARD REQUIRED AT FULL WALL OF TUB SURROUND, AND OTHER "WET AREAS"

2. REFER TO FINISH DETAILS FOR CEILING DETAILS.

3. ALL LOAD BEARING WALLS TO BE RATED AS PER CONSTRUCTION CLASSIFICATION. REFER TO STRUCTURAL DWGS FOR LOAD BEARING WALLS.

4. USE 1" TYPE S DRYWALL SCREWS 8" O.C. AT VERTICAL JOINTS AND 12" O.C. AT FLOOR AND CEILING RUNNERS AND INTERMEDIATE STUDS.

5. STAGGER GYP. BD. JOINTS AT 24" ON EACH SIDE AND ON OPPOSITE SIDES.

6. PROVIDE FIRE STOPPING AT ALL OPENINGS AND UNDERSIDE OF JOISTS.

7. LIMITING HEIGHT SCHEDULE.

U.S.C. METAL STUD SIZE	MAX. PARTITION HEIGHT
1-5/8"	9'
2-1/2"	12'
3-5/8"	18'

8. ALL SPECIFIED MATERIALS TO HAVE U.L. CLASSIFICATION MARKING.

9. METAL FRAMING TO BE STEEL NOT ALUMINUM.

10. ALL INTERIOR WALL STUDS AND FURRING MEMBERS TO BE 24-35 GA. GALV. STEEL UNLESS OTHERWISE NOTED IN DETAILS OR SPECIFICATIONS.

11. ALL STUDS AND FURRING MEMBERS AT 16" O.C. UNLESS OTHERWISE NOTED OR REQUIRED TO MEET DEFLECTION RATING.

12. USE 5/8" THICK GYP. BD. (TYPE X IN AREA INDICATED AS RATED IN PARTITION TYPES) AT ALL WALLS, CEILINGS, FOYERS, CLOSETS, ARCHWAY TO KITCHEN, IN ALL ROOMS OF APARTMENTS, PUBLIC SPACES AND COMMERCIAL SPACES.

13. FIRE OR SMOKE RATED PARTITIONS TO BE CONTINUOUS FROM FLOOR TO UNDERSIDE OF STRUCTURE ABOVE ALL OPENINGS (DOORS), PENETRATIONS (DUCTS, PIPES) CONNECTIONS AND JOINTS (CAULKING AND INSULATION) SHALL BE RATED TO MAINTAIN PARTITIONS'S RATING.

14. FIRE OR SMOKE RATED PARTITIONS SHALL BE UL LABELED AND SHALL CONFORM TO THE CODE REQUIREMENTS.

15. PROVIDE 3" THERMAFIBER SAFB (SOUND ATTENUATION FIRE BLANKET) INSULATION AT ALL DEMISING WALLS, PLUMBING RISERS, MECHANICAL RISERS, BEARING METAL/WOOD STUD WALLS, AND BATHROOM WALLS (MEA 208-82-M).

16. PROVIDE FIRE RATING AS NOTED ON PLANS.

17. CMU BLOCK SHALL HAVE THE FOLLOWING MIN. EQUIVALENT THICKNESS TO ACHIEVE THE REQUIRED FIRE RATING

FIRE RATING			
1 HR.	2 HR.	3 HR.	4 HR.
2.52	3.80	4.78	5.60

PROVIDE SOLID OR SOLID FILL BLOCK WHERE REQUIRED TO ACHIEVE FIRE RATING

18. MEMBRANE PENETRATION AND THROUGH PENETRATION OF FIRE-RESISTANCE- RATED WALLS , INCLUDING RECESSED RECEPTACLE BOXES, ETC. SHALL BE PROTECTED IN ACCORDANCE WITH NYC BUILDING CODE 712.3

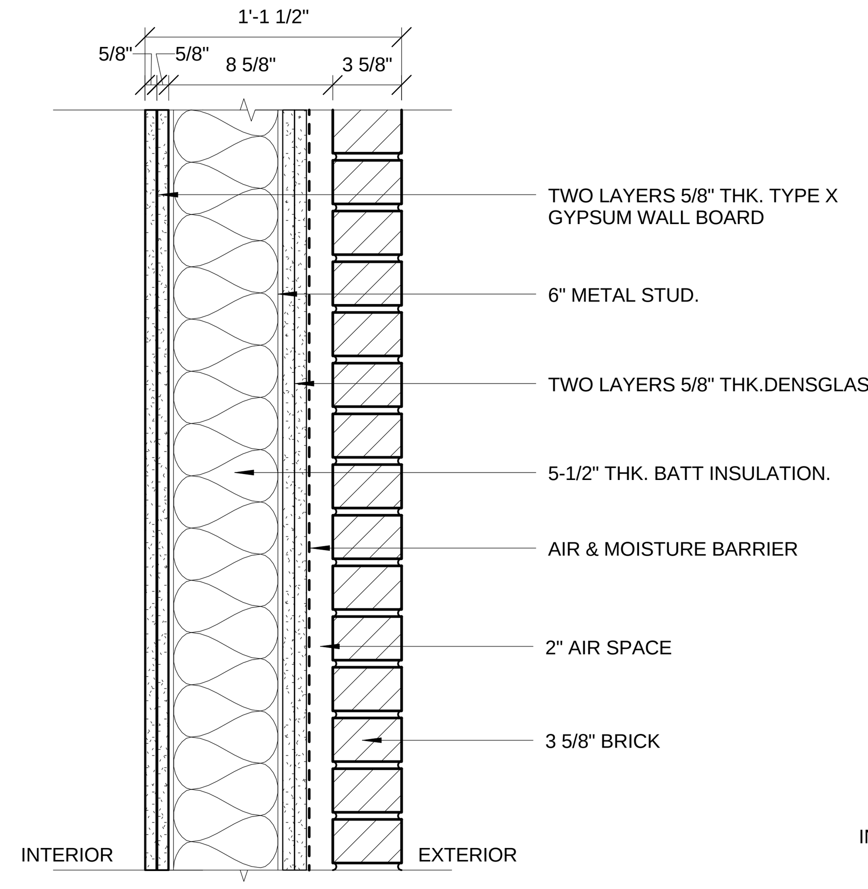
MASONRY EQUIVALENT & IMPACT RESISTANT NOTES

THE FOLLOWING SHALL APPLY TO PARTITION TYPES USED AT STAIR & ELEVATOR ENCLOSURES LOCATIONS:

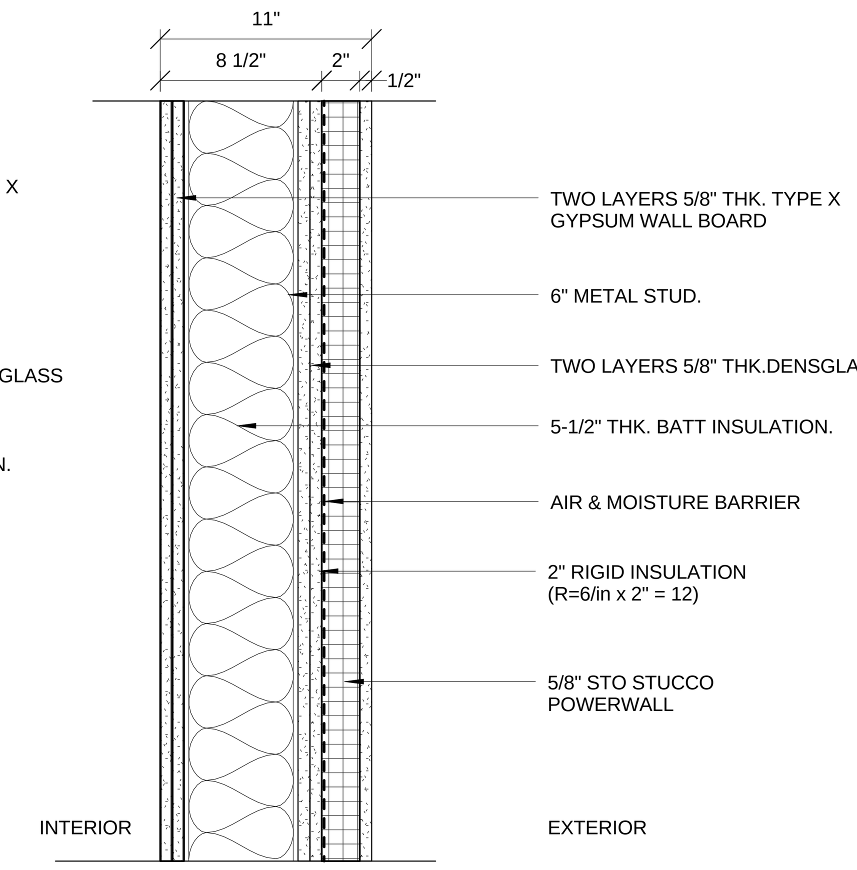
ASSEMBLY SHALL COMPLY WITH RULES OF THE CITY OF NEW YORK, TITLE 1 DEPT. OF BUILDINGS SEC. 1014-01 MASINRY EQUIVALENT EXIT ENCLOSURES AND SEC. 403-01 IMPACT RESISTANT STAIR AND ELEVATOR SHAFT ENCLOSURES:

1. MATERIALS: GWB SHALL BE IMPACT RESISTANT TYPE, ASTM C 1629-06 STANDARD CLASSIFICATION FOR ABUSE-RESISTANT NON-DECORATED INTERIOR GYPSUM PANEL PRODUCTS & FIBER REINFORCED CEMENT PANELS, HARD BODY IMPACT CLASSIFICATION LEVEL 2, AND BOTH BASE AND FINISH LAYERS SHALL BE MIN. 5/8" GWB.
2.ASSEMBLY: 2-HOUR MIN. FIRE RESISTANT RATED ASSEMBLY REQ'D.
3.INSTALLATION:
A.STUDS SHALL BE 3-1/2" MIN. 20 GA
B.VERTICAL STUDS TO BE SPACED AT 24" O.C. MAX
C.RUNNERS TO BE SECURELY ATTACHED TO FLOOR & CEILING STRUCTURE & SHALL COMPLY W/ STRUCTURAL REQUIREMENTS OF THE BUILDING CODE.
D. WALLBOARDS SHALL BE ATTACHED WITH NO. 8 SELF DRILLING BUGLE-HEAD SCREWS, 12" O.C. M,AX. W/ A MIN. DEPTH OF 5/8" PENETRATION INTO THE WALL CAVITY.
4.CMU ASSEMBLIES: SAHLL SATISFY IMPACT & FIRE RESISTANCE RQATINGS ABOVE.

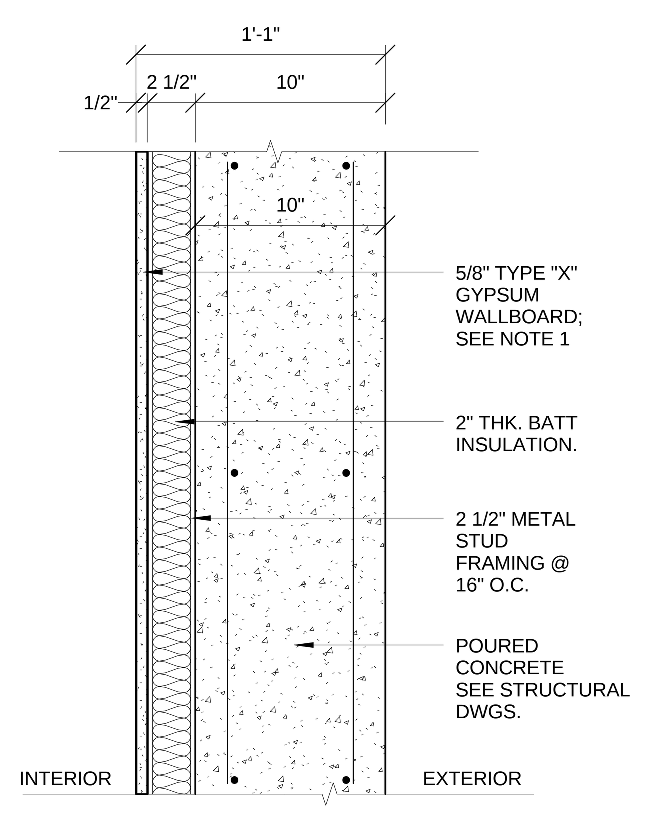
EXTERIOR WALL TYPES



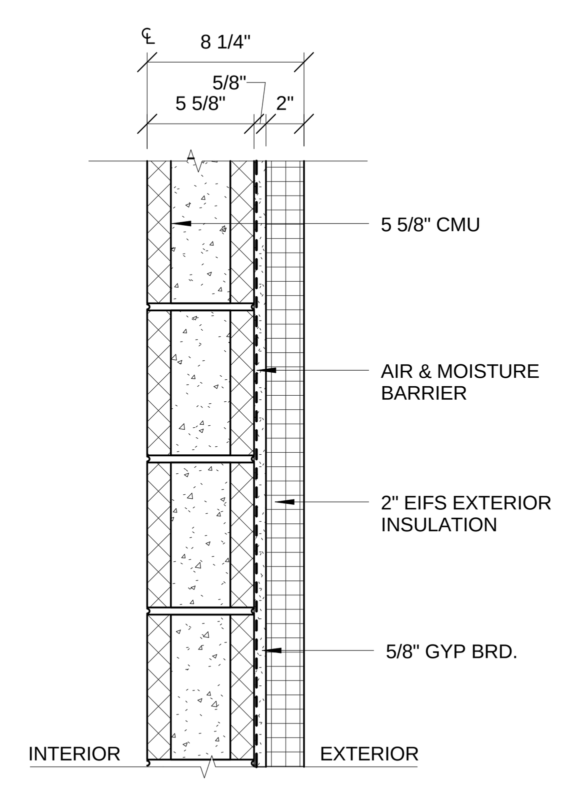
E2B TYPICAL BRICK METAL STUD WALL
2 HR RATED 1-1/2"= 1'-0"



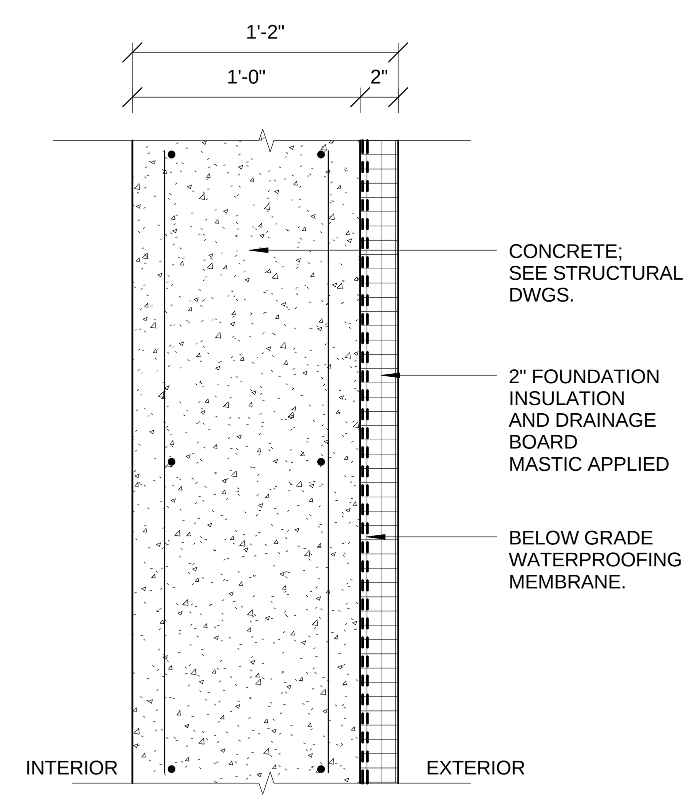
E2A TYPICAL EIFS METAL STUD WALL
2 HR RATED 1-1/2"= 1'-0"



E1B CONCRETE WALL
1-1/2"= 1'-0"



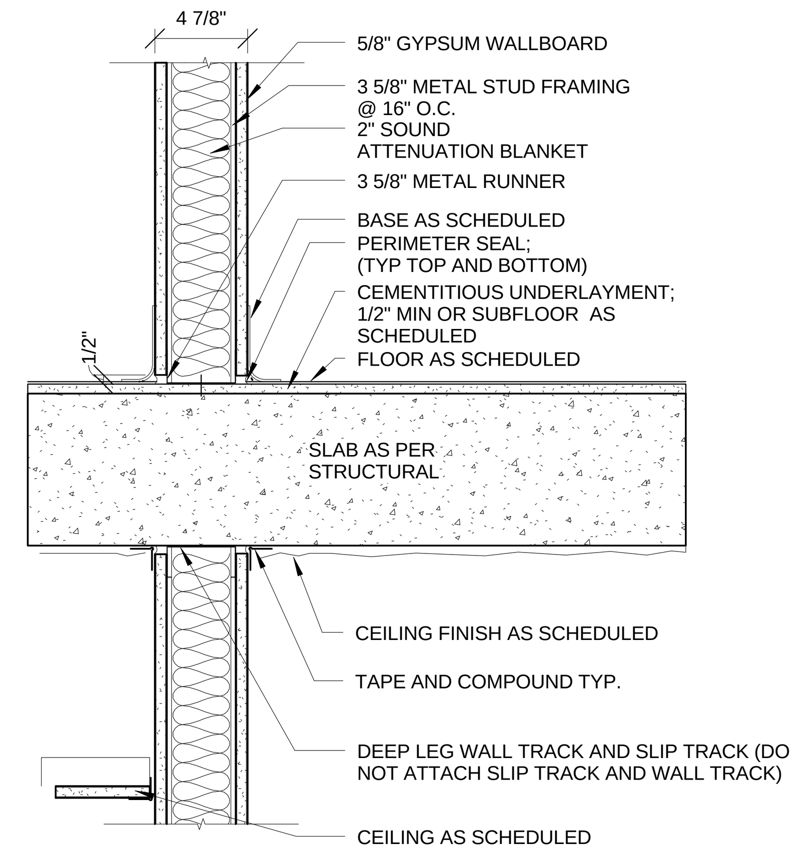
10A MASONRY WALL 6" CMU-(W/ GWB FINISH ONE SIDE)
2 HR FIRE RATING 1-1/2"= 1'-0"



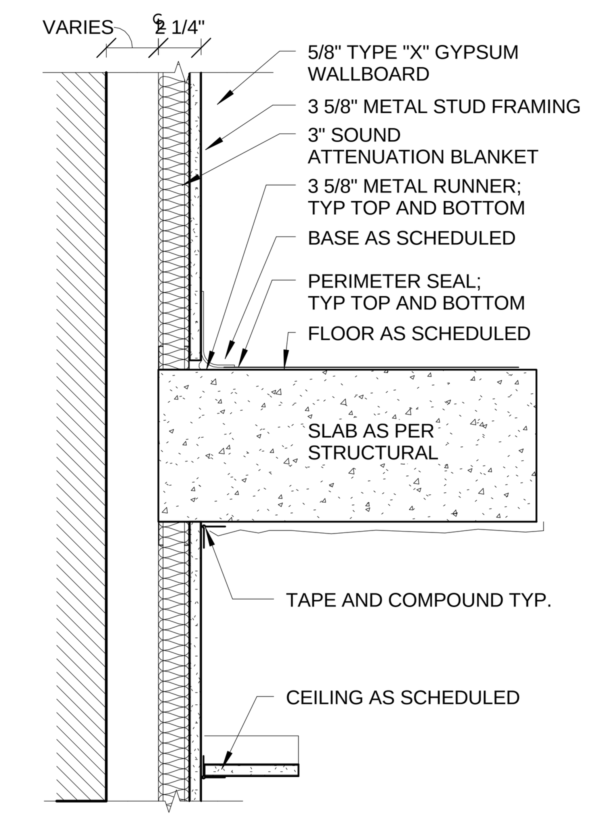
E1A CONCRETE FOUNDATION WALL
1-1/2"= 1'-0"

NOTE: USE BLIND SIDE WATERPROOFING AT NEIGHBORING BUILDINGS AND WHERE ACCESS IS LIMITED

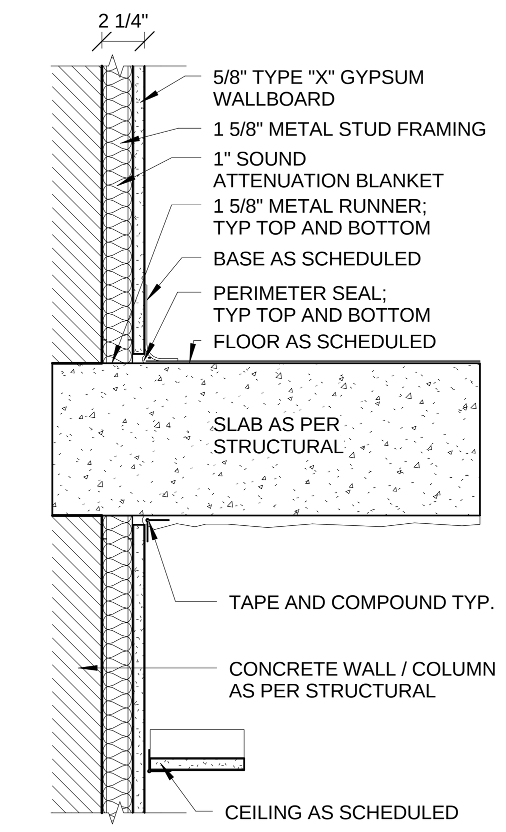
INTERIOR WALL TYPES



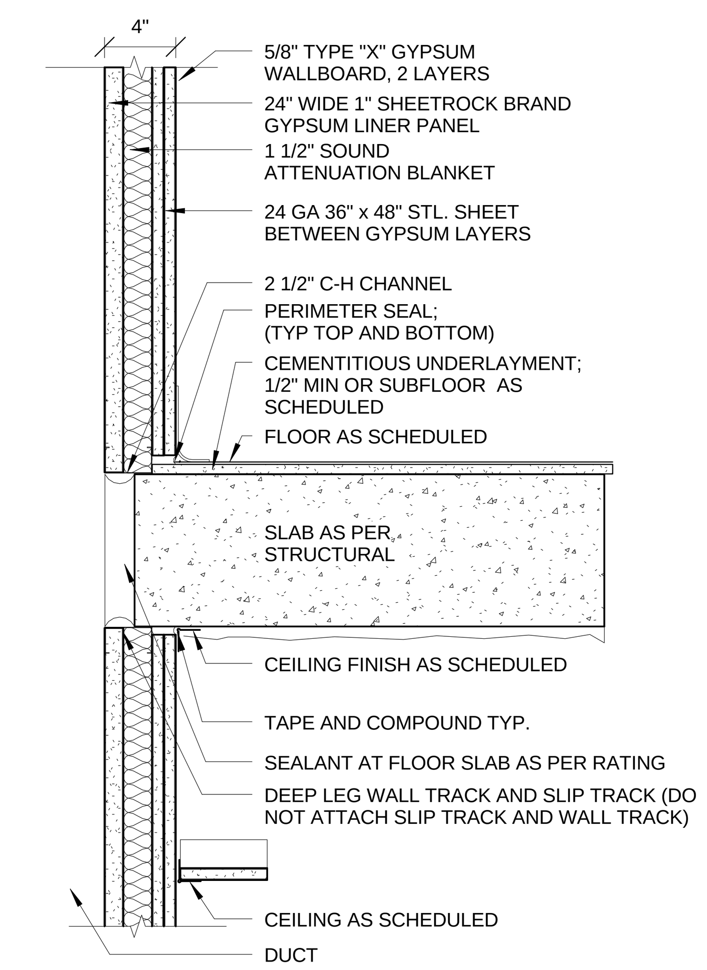
P1 NON-LOAD BEARING STUD WALL
1 HR RATED UL #419; STC 52 1-1/2"= 1'-0"



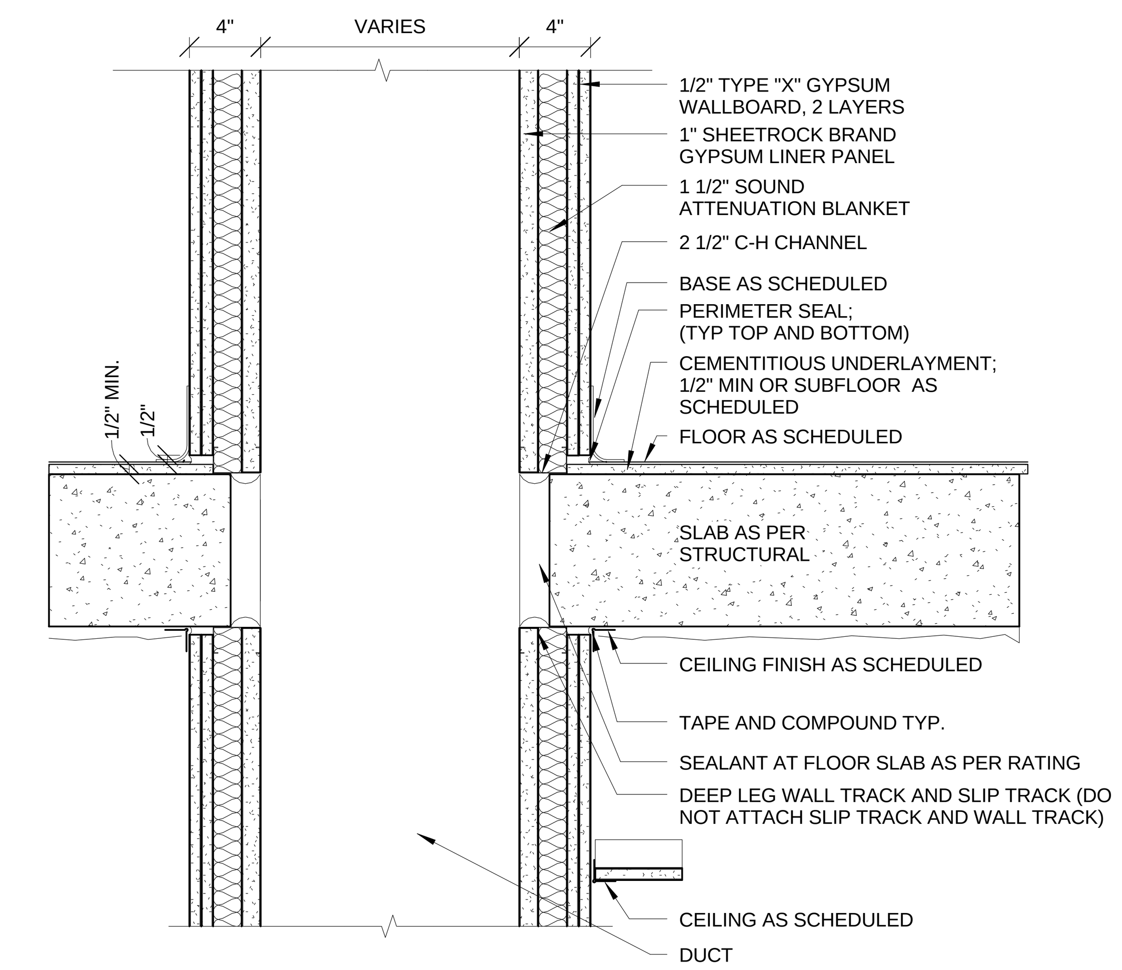
H3 PLUMBING WALL
1-1/2"= 1'-0"



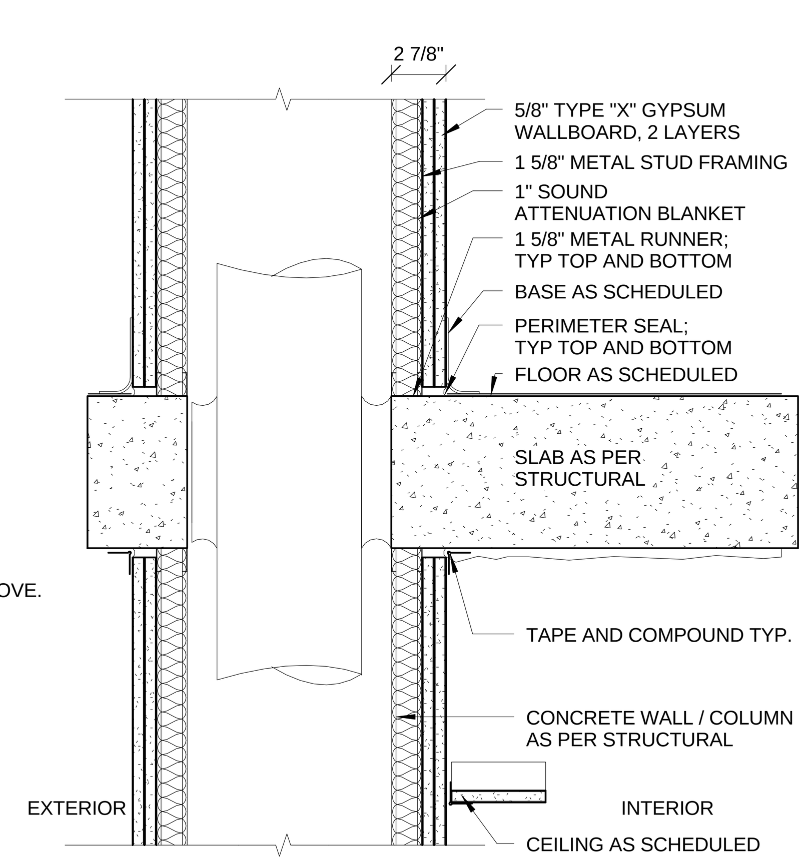
F1 FURRING WALL
1-1/2"= 1'-0"



S1 SHAFT ENCLOSURE
2 HR RATED UL #438; STC 52 1-1/2"= 1'-0"



S2 DUCT ENCLOSURE
2 HR RATED UL #438; STC 52 1-1/2"= 1'-0"



H2 CHASE ENCLOSURE
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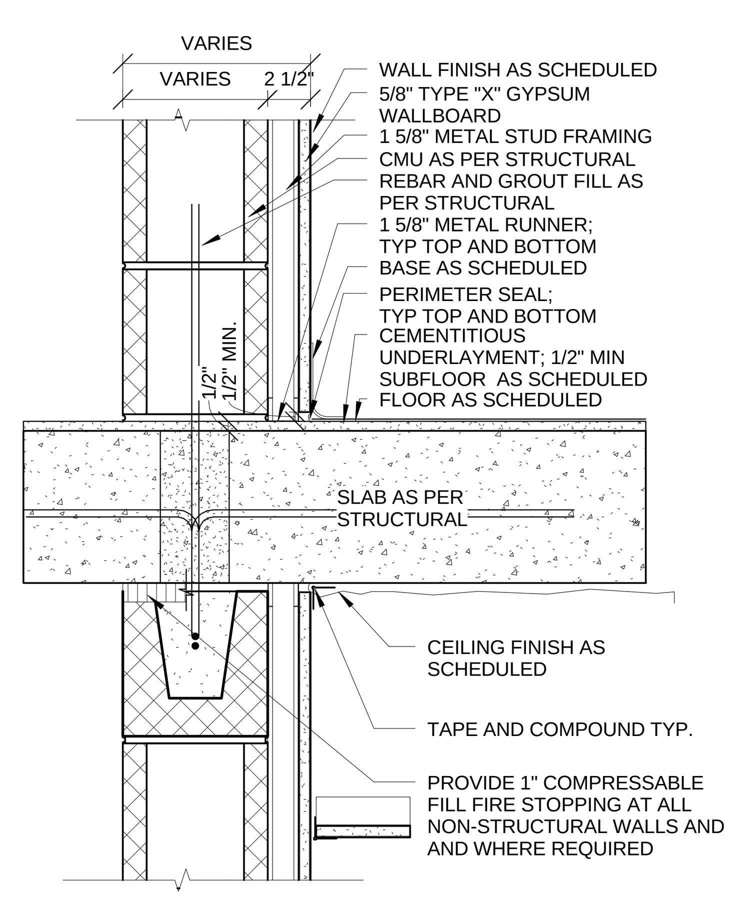
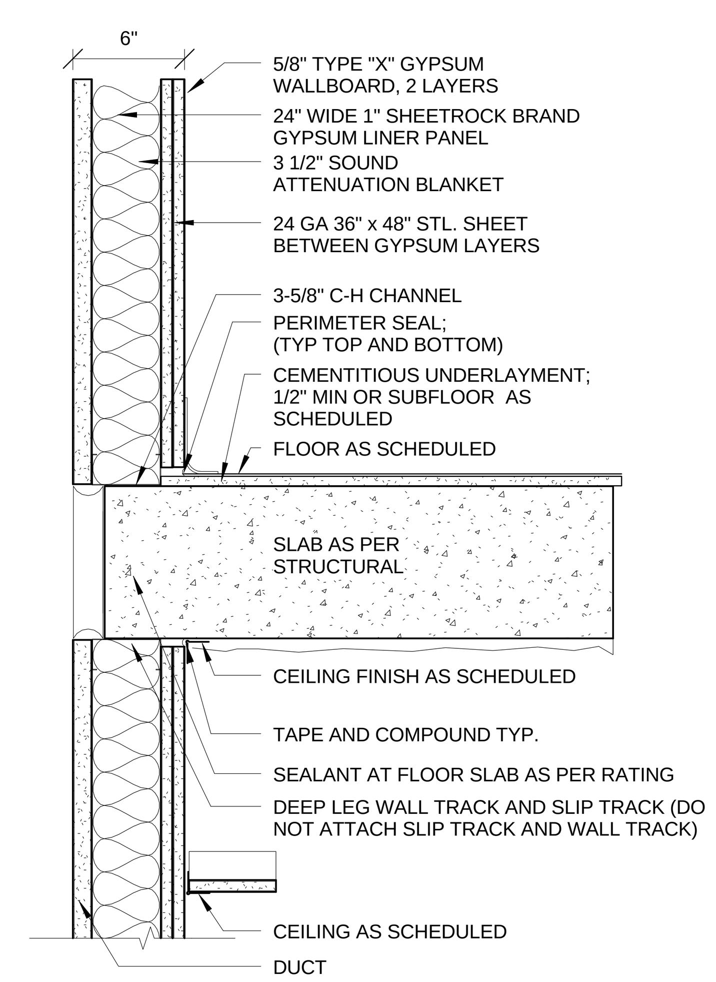
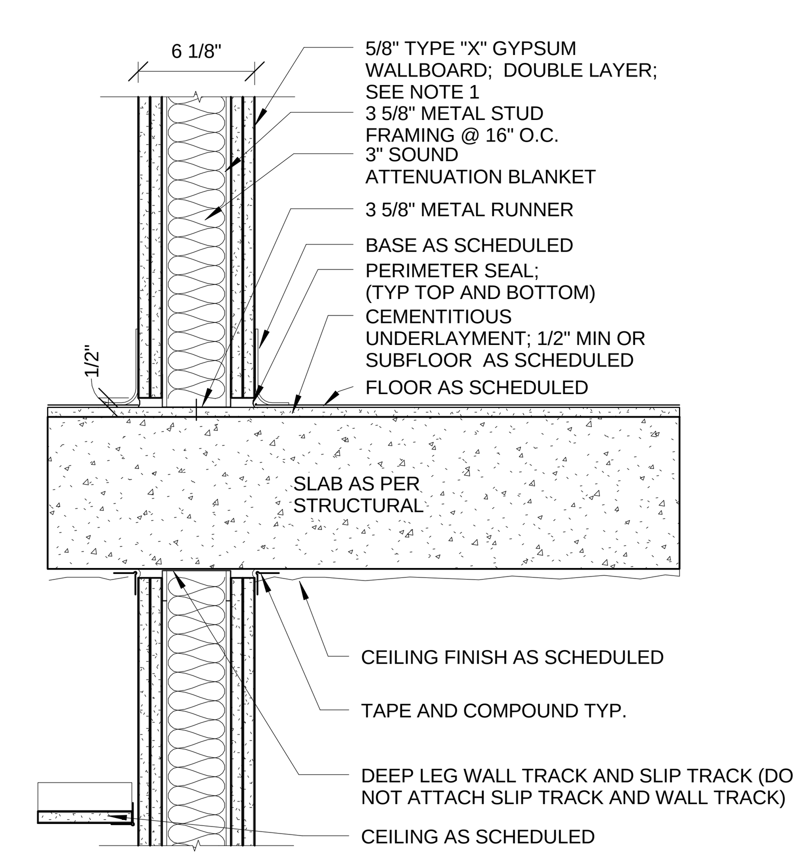


C1A MASONRY WALL 6" CMU- (W/ GWB FINISH ONE SIDE)
2 HR FIRE RATING 1-1/2"= 1'-0"

C2A MASONRY WALL 8" CMU- (W/ GWB FINISH ONE SIDE)
2 HR FIRE RATING 1-1/2"= 1'-0"



S2 SHAFT ENCLOSURE @ STAIR
2 HR RATED UL #438; STC 52 1-1/2"= 1'-0"
(MASONRY EQUIVALENT & IMPACT RESISTANT)



R2 NON-LOAD BEARING STUD WALL (@ STAIR & ELEVATOR SHAFT)
2 HR RATED UL #411; STC 52 1-1/2"= 1'-0"

Project
69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER: GREYSTONE 152 West 57th Street 60th Floor New York NY 10019
STRUCTURAL ENGINEER: SHARON ENGINEERING 3427 Steinway Street Long Island City, NY 11101
MEP ENGINEER: SHARON ENGINEERING 3427 Steinway Street Long Island City, NY 11101
INTERIOR DESIGN:
LANDSCAPE DESIGN:

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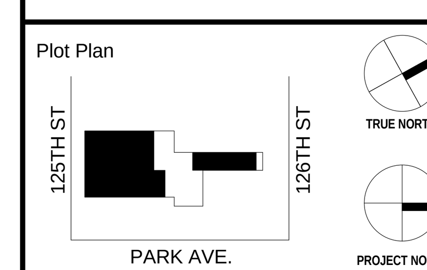
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

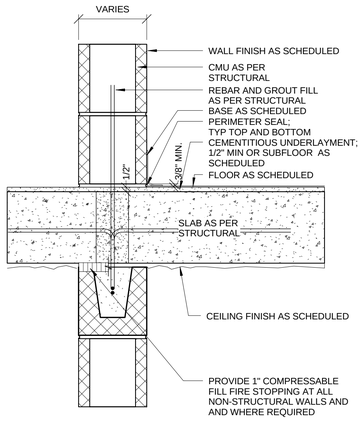
Drawing Title
INTERIOR PARTITION TYPES NORTH TOWER

Sign & Seal: REGISTERED ARCHITECT DANIEL KENNETH BERNSTEIN 16854 STATE OF NEW YORK

Drawing No. A-810.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale As indicated	Checked by KBA	DOB sheet 60 OF 62

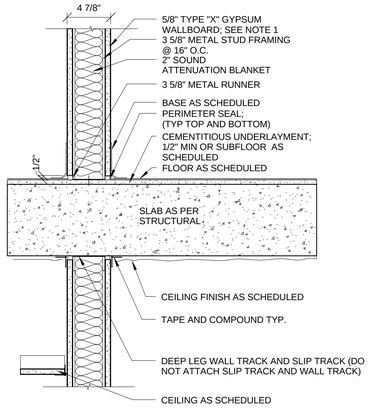
DOB NUMBER



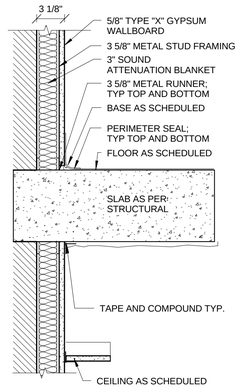
C1 MASONRY WALL 6" CMU
2 HR FIRE RATING 1-1/2"= 1'-0"

C2 MASONRY WALL 8" CMU
2 HR FIRE RATING 1-1/2"= 1'-0"

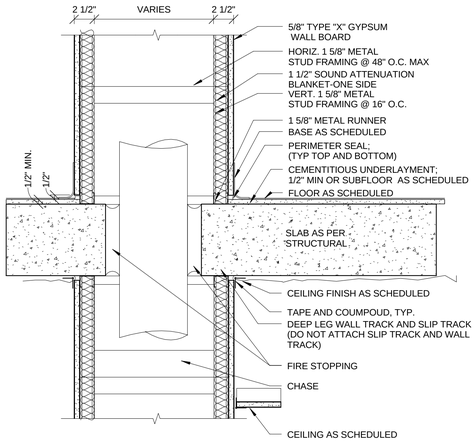
C3 MASONRY WALL FILLED 8" CMU
3 HR FIRE RATING 1-1/2"= 1'-0"



R1 NON-LOAD BEARING STUD WALL
1 HR RATED UL #419; STC 52 1-1/2"= 1'-0"



F2 FURRING WALL
1-1/2"= 1'-0"



H1 CHASE ENCLOSURE
1 HR RATED UL #420; STC 52 1-1/2"= 1'-0"

Project

69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

OWNER:
CORE/STONE
625 Fifth Avenue, Street
60th Floor
New York, NY 10019

STRUCTURAL ENGINEER:
SHARON ENGINEERING
2 Park Avenue, Suite 1
Long Island City, NY 11101

MEP ENGINEER:
SHARON ENGINEERING
2 Park Avenue, Suite 1
Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

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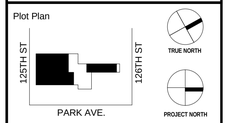
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title

INTERIOR PARITION TYPES NORTH TOWER

Sign & Seal

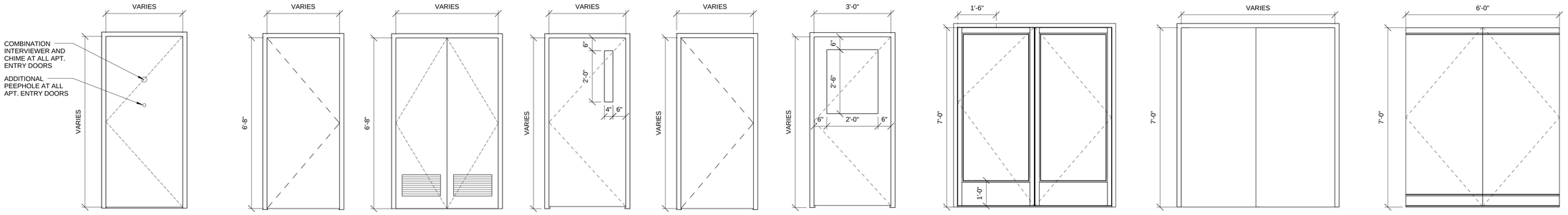
Drawing No.

A-811.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale 1 1/2" = 1'-0"	Checked by KBA	DOB sheet 61 OF 62

DOB NUMBER

DOOR TYPES



TYPE A
FLUSH HOLLOW METAL DOOR
@ APARTMENT ENTRY (W/ PEEP HOLE & CHIME)
@ UTILITY AREAS (W/OUT PEEP HOLE & CHIME)

TYPE B
FLUSH SOLID WOOD DOOR
@ BDRM & CLOSET W/OUT SADDLE
@ BATH & W/D W/ SADDLE
@ CLOSET

TYPE C
PAIR FLUSH SOLID WOOD DOORS
@ W/D DOORS W/ LOUVER
@ CLOSETS W/OUT LOUVER

TYPE D
DOOR W/ NARROW LIGHT
@ STAIR & TRASH ROOM

TYPE E
FLUSH HOLLOW METAL DOOR
@ BOILER ROOM, MECH ROOMS

TYPE F
DOOR W/ HALF LIGHT

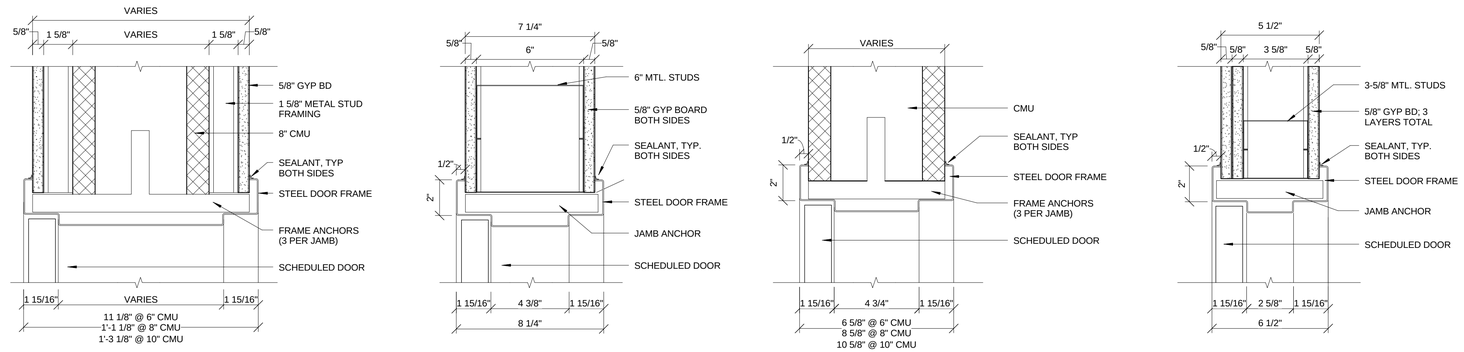
TYPE K
PAIR ALUMINUM ENTRY DOOR

TYPE L
2 PANEL SLIDING DOORS
@ CLOSET W/O SADDLE

TYPE M
PAIR GLASS SWINGING DOORS
@ 1ST FLOOR RECREATION SPACE

DOOR SCHEDULE

DOOR NUMBER	TYPE	ROOM NAME	DOOR WIDTH	DOOR HEIGHT	DOOR THICKNESS	DOOR MATL.	FRAME TYPE	FIRE RATING	FRSC	STC	COMMENTS
C01	D	EGRESS STAIR	3' - 0"	6' - 8"	0' - 1 3/4"	HM	HMW				
C02	E	STORAGE ROOM	3' - 0"	6' - 8"	0' - 1 3/4"	HM	HMW				
C03	E	TRASH ROOM	3' - 0"	6' - 8"	0' - 1 3/4"	HM	HMW				
C04	E	MECH. ROOM	3' - 0"	6' - 8"	0' - 1 3/4"	HM	HMW				
C05	C	ELEVATOR CLOSET	5' - 0"	6' - 8"	0' - 1 3/4"	WD	HMKD	--			
C06	G	VESTIBULE	3' - 0"	6' - 8"	0' - 1 3/4"	HM	HMW				
E01	G	BULDING ENTRY	3' - 0"	6' - 8"	0' - 1 3/4"	HM	HMW				
E02	G	BALCONY	3' - 0"	6' - 8"	0' - 1 3/4"	HM	HMW				
E03	G	BALCONY	3' - 4"	7' - 8"							
T01	A	APARTMENT ENTRY	3' - 0"	6' - 8"	0' - 1 3/4"	HM	HMW				
T02	B	BEDROOM	2' - 10"	6' - 8"	0' - 1 3/4"	WD	HMKD	--			
T03	B	BATHROOM	2' - 10"	6' - 8"	0' - 1 3/4"	WD	HMKD	--			
T04	B	CLOSET	2' - 10"	6' - 8"	0' - 1 3/4"	WD	HMKD	--			
T05	B	CLOSET	2' - 10"	6' - 8"	0' - 1 3/4"	WD	HMKD	--			
T06	C	CLOSET - DOUBLE DOORS	3' - 0"	6' - 8"	0' - 1 3/4"	WD	HMKD	--			
T07	C	CLOSET - DOUBLE DOORS	3' - 6"	6' - 8"	0' - 1 3/4"	WD	HMKD	--			
T08	C	CLOSET - DOUBLE DOORS	3' - 0"	6' - 8"	0' - 1 3/4"	WD	HMKD	--			
T09	C	CLOSET - DOUBLE DOORS	5' - 0"	6' - 8"	0' - 1 3/4"	WD	HMKD	--			
T10	C	CLOSET - DOUBLE DOORS	3' - 0"	6' - 8"	0' - 1 3/4"	WD	HMKD	--			
T13	D	EGRESS STAIR	3' - 0"	6' - 8"	0' - 1 3/4"	HM	HMW				

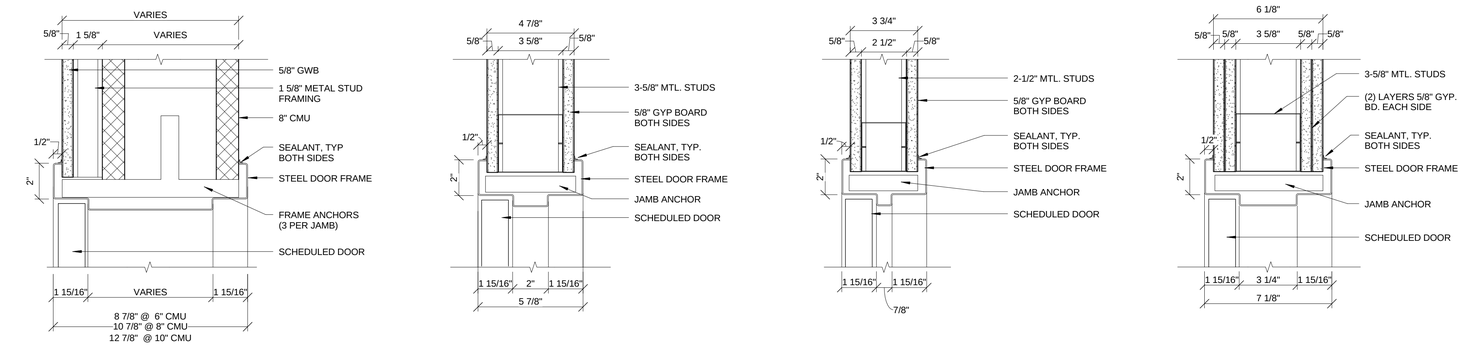


12 JAMB, HEAD SIM.
3" = 1'-0"

3B JAMB, HEAD SIM.
3" = 1'-0"

10 JAMB, HEAD SIM.
3" = 1'-0"

2 JAMB, HEAD SIM.
3" = 1'-0"



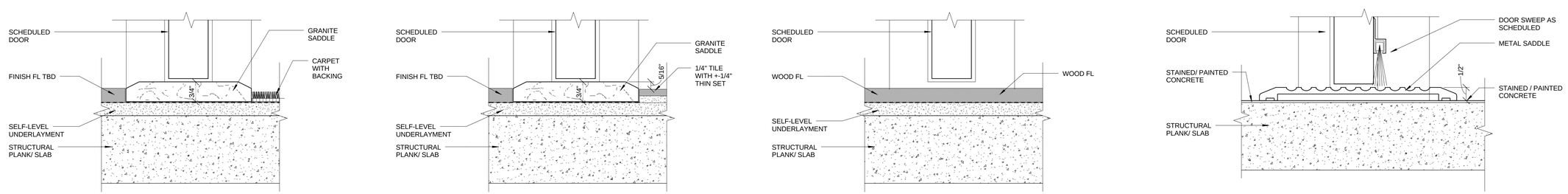
11 JAMB, HEAD SIM.
3" = 1'-0"

3A JAMB, HEAD SIM.
3" = 1'-0"

4 JAMB, HEAD SIM.
3" = 1'-0"

1 JAMB, HEAD SIM.
3" = 1'-0"

1 DOOR HEAD & JAMB DETAILS
3" = 1'-0"



9 SADDLE DETAIL @ WOOD FL TO CARPET
6" = 1'-0"

9 SADDLE DETAIL @ TILE FLOORING TO TILE FLOORING
6" = 1'-0"

9 SADDLE DETAIL @ CONT. WOOD FL
6" = 1'-0"

5 SADDLE DETAIL @ STAINED CONC. TO STAINED CONC.
6" = 1'-0"

2 DOOR SADDLE DETAILS
6" = 1'-0"

Project
69 EAST 125TH ST.
NEW YORK, NY 10035

KUTNICKI BERNSTEIN ARCHITECTS
434 BROADWAY NEW YORK CITY 10013 P.212.431.5552 F.212.431.5663

STRUCTURAL ENGINEER: SHARON ENGINEERING 20 Jericho Turnpike Long Island City, NY 11101

MEP ENGINEER: SHARON ENGINEERING 20 Jericho Turnpike Long Island City, NY 11101

INTERIOR DESIGN:

LANDSCAPE DESIGN:

OWNER: GREYSTONE 2 East 125th Street 100 Pine Street New York, NY 10019

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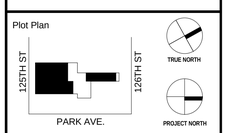
Issuance Schedule

No.	Date	Description
1	1.29.2015	DOB FILING

Revision Schedule

No.	Date	Description

Plot Plan



For Department of Buildings Use

Drawing Title
DOOR SCHEDULE,DOOR HEAD & JAMB DETAILS, DOOR SADDLE DETAILS

Sign & Seal

Drawing No.
A-812.00

01/29/15	Drawn by KBA	Job No. 2014-079
Sheet scale As indicated	Checked by KBA	DOB sheet 62 OF 62

DOB NUMBER

APPENDIX B
CITIZEN PARTICIPATION PLAN

The NYC Office of Environmental Remediation and 69 East 125 Street Owner LLC have established this Citizen Participation Plan because the opportunity for citizen participation is an important component of the NYC Voluntary Cleanup Program. This Citizen Participation Plan describes how information about the project will be disseminated to the Community during the remedial process. As part of its obligations under the NYC VCP, 69 East 125 Street Owner LLC will maintain a repository for project documents and provide public notice at specified times throughout the remedial program. This Plan also takes into account potential environmental justice concerns in the community that surrounds the project Site. Under this Citizen Participation Plan, project documents and work plans are made available to the public in a timely manner. Public comment on work plans is strongly encouraged during public comment periods. Work plans are not approved by the NYC Office of Environmental Remediation (OER) until public comment periods have expired and all comments are formally reviewed. An explanation of cleanup plans in the form of a public meeting or informational session is available upon request to OER's project manager assigned to this Site, Katherine Glass, who can be contacted about these issues or any others questions, comments or concerns that arise during the remedial process at (212) 788-8841

Project Contact List. OER has established a Site Contact List for this project to provide public notices in the form of fact sheets to interested members of the Community. Communications will include updates on important information relating to the progress of the cleanup program at the Site as well as to request public comments on the cleanup plan. The Project Contact List includes owners and occupants of adjacent buildings and homes, principal administrators of nearby schools, hospitals and day care centers, the public water supplier that serves the area, established document repositories, the representative Community Board, City Council members, other elected representatives and any local Brownfield Opportunity Area (BOA) grantee organizations. Any member of the public or organization will be added to the Site Contact List on request. A copy of the Site Contact List is maintained by OER's project

manager. If you would like to be added to the Project Contact List, contact NYC OER at (212) 788-8841 or by email at brownfields@cityhall.nyc.gov.

Repositories. A document repository is maintained in the nearest public library that maintains evening and weekend hours. This document repository is intended to house, for community review, all principal documents generated during the cleanup program including Remedial Investigation plans and reports, Remedial Action work plans and reports, and all public notices and fact sheets produced during the lifetime of the remedial project. 69 East 125 Street Owner LLCwill inspect the repositories to ensure that they are fully populated with project information. The repository for this project is:

Address: Harlem Library

9 West 124th Street

New York, New York 10027

Phone: 212.348.5620

Hours of Operation: Sunday – Closed

Monday and Wednesday – 11 a.m. to 6 p.m.

Tuesday and Thursday – 12 p.m. to 7 p.m.

Friday and Saturday – 10 a.m. to 7 p.m.

Digital Documentation. NYC OER strongly encourages the use of digital documents in repositories as a means of minimizing paper use while also increasing convenience in access and ease of use.

Identify Issues of Public Concern.

There are no issues of public concern.

Public Notice and Public Comment. Public notice to all members of the Project Contact List is required at three major steps during the performance of the cleanup program (listed below) and at other points that may be required by OER. Notices will include Fact Sheets with descriptive project summaries, updates on recent and upcoming project activities, repository

information, and important phone and email contact information. All notices will be prepared by 69 East 125 Street Owner LLC, reviewed and approved by OER prior to distribution and mailed by 69 East 125 Street Owner LLC Public comment is solicited in public notices for all work plans developed under the NYC Voluntary Cleanup Program. Final review of all work plans by OER will consider all public comments. Approval will not be granted until the public comment period has been completed.

Citizen Participation Milestones. Public notice and public comment activities occur at several steps during a typical NYC VCP project. See flow chart on the following page, which identifies when during the NYC VCP public notices are issued: These steps include:

- **Public Notice of the availability of the Remedial Investigation Report and Remedial Action Work Plan and a 30-day public comment period on the Remedial Action Work Plan.**

  Public notice in the form of a Fact Sheet is sent to all parties listed on the Site Contact List announcing the availability of the Remedial Investigation Report and Remedial Action Work Plan and the initiation of a 30-day public comment period on the Remedial Action Work Plan. The Fact Sheet summarizes the findings of the RIR and provides details of the RAWP. The public comment period will be extended an additional 15 days upon public request. A public meeting or informational session will be conducted by OER upon request.

- **Public Notice announcing the approval of the RAWP and the start of remediation**

  Public notice in the form of a Fact Sheet is sent to all parties listed on the Site Contact List announcing the approval of the RAWP and the start of remediation.

- **Public Notice announcing the completion of remediation, designation of Institutional and Engineering Controls and issuance of the Notice of Completion**

  Public notice in the form of a Fact Sheet is sent to all parties listed on the Site Contact List announcing the completion of remediation, providing a list of all Institutional and Engineering Controls implemented for to the Site and announcing the issuance of the Notice of Completion.

APPENDIX C

SOIL/MATERIALS MANAGEMENT PLAN

1.1 SOIL SCREENING METHODS

Visual, olfactory and PID soil screening and assessment will be performed under the supervision of a Qualified Environmental Professional and will be reported in the RAR. Soil screening will be performed during invasive work performed during the remedy and development phases prior to issuance of the Notice of Completion.

1.2 STOCKPILE METHODS

Excavated soil from suspected areas of contamination (e.g., hot spots, USTs, drains, etc.) will be stockpiled separately and will be segregated from clean soil and construction materials. Stockpiles will be used only when necessary and will be removed as soon as practicable. While stockpiles are in place, they will be inspected daily, and before and after every storm event. Results of inspections will be recorded in a logbook and maintained at the Site and available for inspection by OER. Excavated soils will be stockpiled on, at minimum, double layers of 8-mil minimum sheeting, will be kept covered at all times with appropriately anchored plastic tarps, and will be routinely inspected. Broken or ripped tarps will be promptly replaced.

All stockpile activities will be compliant with applicable laws and regulations. Soil stockpile areas will be appropriately graded to control run-off in accordance with applicable laws and regulations. Stockpiles of excavated soils and other materials shall be located at least of 50 feet from the property boundaries, where possible. Hay bales or equivalent will surround soil stockpiles except for areas where access by equipment is required. Silt fencing and hay bales will be used as needed near catch basins, surface waters and other discharge points.

1.3 CHARACTERIZATION OF EXCAVATED MATERIALS

Soil/fill or other excavated media that is transported off-Site for disposal will be sampled in a manner required by the receiving facility, and in compliance with applicable laws and regulations. Soils proposed for reuse on-Site will be managed as defined in this plan.

1.4 MATERIALS EXCAVATION, LOAD-OUT AND DEPARTURE

The PE/QEP overseeing the remedial action will:

- oversee remedial work and the excavation and load-out of excavated material;
- ensure that there is a party responsible for the safe execution of invasive and other work performed under this work plan;
- ensure that Site development activities and development-related grading cuts will not interfere with, or otherwise impair or compromise the remedial activities proposed in this RAWP;
- ensure that the presence of utilities and easements on the Site has been investigated and that any identified risks from work proposed under this plan are properly addressed by appropriate parties;
- ensure that all loaded outbound trucks are inspected and cleaned if necessary before leaving the Site;
- ensure that all egress points for truck and equipment transport from the Site will be kept clean of Site-derived materials during Site remediation.

Locations where vehicles exit the Site shall be inspected daily for evidence of soil tracking off premises. Cleaning of the adjacent streets will be performed as needed to maintain a clean condition with respect to Site-derived materials.

Open and uncontrolled mechanical processing of historical fill and contaminated soil on-Site will not be performed without prior OER approval.

1.5 OFF-SITE MATERIALS TRANSPORT

Loaded vehicles leaving the Site will comply with all applicable materials transportation requirements (including appropriate covering, manifests, and placards) in accordance with applicable laws and regulations, including use of licensed haulers in accordance with 6 NYCRR Part 364. If loads contain wet material capable of causing leakage from trucks, truck liners will be used. Queuing of trucks will be performed on-Site, when possible in order to minimize off Site disturbance. Off-Site queuing will be minimized.

Outbound truck transport routes are being developed and will be submitted to the OER upon completion. This routing takes into account the following factors: (a) limiting transport through residential areas and past sensitive sites; (b) use of mapped truck routes; (c) minimizing off-Site queuing of trucks entering the facility; (d) limiting total distance to major highways; (e) promoting safety in access to highways; and (f) overall safety in transport. To the extent possible, all trucks loaded with Site materials will travel from the Site using these truck routes. Trucks will not stop or idle in the neighborhood after leaving the project Site.

1.6 MATERIALS DISPOSAL OFF-SITE

The following documentation will be established and reported by the PE/QEP for each disposal destination used in this project to document that the disposal of regulated material exported from the Site conforms with applicable laws and regulations: (1) a letter from the PE/QEP or Enrollee to each disposal facility describing the material to be disposed and requesting written acceptance of the material. This letter will state that material to be disposed is regulated material generated at an environmental remediation Site in Manhattan, New York under a governmental remediation program. The letter will provide the project identity and the name and phone number of the PE/QEP or Enrollee. The letter will include as an attachment a summary of all chemical data for the material being transported; and (2) a letter from each disposal facility stating it is in receipt of the correspondence (1, above) and is approved to accept the material. These documents will be included in the RAR.

The Remedial Action Report will include an itemized account of the destination of all material removed from the Site during this remedial action. Documentation associated with disposal of all material will include records and approvals for receipt of the material. This information will be presented in the RAR.

All impacted soil/fill or other waste excavated and removed from the Site will be managed as regulated material and will be disposed in accordance with applicable laws and regulations. Historic fill and contaminated soils taken off-Site will be handled as solid waste and will not be disposed at a Part 360-16 Registration Facility (also known as a Soil Recycling Facility).

Waste characterization will be performed for off-Site disposal in a manner required by the receiving facility and in conformance with its applicable permits. Waste characterization

sampling and analytical methods, sampling frequency, analytical results and QA/QC will be reported in the RAR. A manifest system for off-Site transportation of exported materials will be employed. Manifest information will be reported in the RAR. Hazardous wastes derived from on-Site will be stored, transported, and disposed of in compliance with applicable laws and regulations.

1.7 MATERIALS REUSE ON-SITE

Soil and fill that is derived from the property that meets the soil cleanup objectives established in this plan may be reused on-Site. The soil cleanup objectives for on-Site reuse are listed in Table 1. 'Reuse on-Site' means material that is excavated during the remedy or development, does not leave the property, and is relocated within the same property and on comparable soil/fill material, and addressed pursuant to the NYC VCP agreement subject to Engineering and Institutional Controls. The PE/QEP will ensure that reused materials are segregated from other materials to be exported from the Site and that procedures defined for material reuse in this RAWP are followed. Organic matter (wood, roots, stumps, etc.) or other waste derived from clearing and grubbing of the Site will not be buried on-Site. Soil or fill excavated from the site for grading or other purposes will not be reused within a cover soil layer or within landscaping berms.

1.8 DEMARCATION

After completion of hotspot removal and any other invasive remedial activities, and prior to backfilling, the top of the residual soil/fill will be defined by one of three methods: (1) placement of a demarcation layer. The demarcation layer will consist of geosynthetic fencing or equivalent material to be placed on the surface of residual soil/fill to provide an observable reference layer. A description or map of the approximate depth of the demarcation layer will be provided in the SMP; or (2) a land survey of the top elevation of residual soil/fill before the placement of cover soils, pavement and associated sub-soils, or other materials or structures or, (3) all materials beneath the approved cover will be considered impacted and subject to site management after the remedy is complete. Demarcation may be established by one or any combination of these three methods. As appropriate, a map showing the method of demarcation for the Site and all associated documentation will be presented in the RAR.

This demarcation will constitute the top of the site management horizon. Materials within this horizon require adherence to special conditions during future invasive activities as defined in the Site Management Plan.

1.9 IMPORT OF BACKFILL SOIL FROM OFF-SITE SOURCES

This Section presents the requirements for imported fill materials to be used below the cover layer and within the clean soil cover layer. All imported soils will meet OER-approved backfill and cover soil quality objectives for this Site. The backfill and cover soil quality objectives are listed in Table 2.

A process will be established to evaluate sources of backfill and cover soil to be imported to the Site, and will include an examination of source location, current and historical use(s), and any applicable documentation. Material from industrial sites, spill sites, environmental remediation sites or other potentially contaminated sites will not be imported to the Site.

The following potential sources may be used pending attainment of backfill and cover soil quality objectives:

- Clean soil from construction projects at non-industrial sites in compliance with applicable laws and regulations;
- Clean soil from roadway or other transportation-related projects in compliance with applicable laws and regulations;
- Clean recycled concrete aggregate (RCA) from facilities permitted or registered by the regulations of NYS DEC.

All materials received for import to the Site will be approved by a PE/QEP and will be in compliance with provisions in this RAWP. The RAR will report the source of the fill, evidence that an inspection was performed on the source, chemical sampling results, frequency of testing, and a Site map indicating the locations where backfill or soil cover was placed.

Source Screening and Testing

Inspection of imported fill material will include visual, olfactory and PID screening for evidence of contamination. Materials imported to the Site will be subject to inspection, as follows:

- Trucks with imported fill material will be in compliance with applicable laws and regulations and will enter the Site at designated locations;
- The PE/QEP is responsible to ensure that every truck load of imported material is inspected for evidence of contamination; and
- Fill material will be free of solid waste including pavement materials, debris, stumps, roots, and other organic matter, as well as ashes, oil, perishables or foreign matter.

Composite samples of imported material will be taken at a minimum frequency of one sample for every 500 cubic yards of material. Once it is determined that the fill material meets imported backfill or cover soil chemical requirements and is non-hazardous, and lacks petroleum contamination, the material will be loaded onto trucks for delivery to the Site.

Recycled concrete aggregate (RCA) will be imported from facilities permitted or registered by NYSDEC. Facilities will be identified in the RAR. A PE/QEP is responsible to ensure that the facility is compliant with 6NYCRR Part 360 registration and permitting requirements for the period of acquisition of RCA. RCA imported from compliant facilities will not require additional testing, unless required by NYSDEC under its terms for operation of the facility. RCA imported to the Site must be derived from recognizable and uncontaminated concrete. RCA material is not acceptable for, and will not be used as cover material.

1.10 FLUIDS MANAGEMENT

All liquids to be removed from the Site, including dewatering fluids, will be handled, transported and disposed in accordance with applicable laws and regulations. Liquids discharged into the New York City sewer system will receive prior approval by New York City Department of Environmental Protection (NYC DEP). The NYC DEP regulates discharges to the New York City sewers under Title 15, Rules of the City of New York Chapter 19. Discharge to the New York City sewer system will require an authorization and sampling data demonstrating that the

groundwater meets the City's discharge criteria. The dewatering fluid will be pretreated as necessary to meet the NYC DEP discharge criteria. If discharge to the City sewer system is not appropriate, the dewatering fluids will be managed by transportation and disposal at an off-Site treatment facility.

Discharge of water generated during remedial construction to surface waters (i.e. a stream or river) is prohibited without a SPDES permit issued by New York State Department of Environmental Conservation.

1.11 STORM-WATER POLLUTION PREVENTION

Applicable laws and regulations pertaining to storm-water pollution prevention will be addressed during the remedial program. Erosion and sediment control measures identified in this RAWP (silt fences and barriers, and hay bale checks) will be installed around the entire perimeter of the remedial construction area and inspected once a week and after every storm event to ensure that they are operating appropriately. Discharge locations will be inspected to determine whether erosion control measures are effective in preventing significant impacts to receptors. Results of inspections will be recorded in a logbook and maintained at the Site and available for inspection by OER. All necessary repairs shall be made immediately. Accumulated sediments will be removed as required to keep the barrier and hay bale check functional. Undercutting or erosion of the silt fence toe anchor will be repaired immediately with appropriate backfill materials. Manufacturer's recommendations will be followed for replacing silt fencing damaged due to weathering.

1.12 CONTINGENCY PLAN

This contingency plan is developed for the remedial construction to address the discovery of unknown structures or contaminated media during excavation. Identification of unknown contamination source areas during invasive Site work will be promptly communicated to OER's Project Manager. Petroleum spills will be reported to the NYS DEC Spill Hotline. These findings will be included in the daily report. If previously unidentified contaminant sources are found during on-Site remedial excavation or development-related excavation, sampling will be performed on contaminated source material and surrounding soils and reported to OER.

Chemical analytical testing will be performed for TAL metals, TCL volatiles and semi-volatiles, TCL pesticides and PCBs, as appropriate.

1.13 ODOR, DUST AND NUISANCE CONTROL

Odor Control

All necessary means will be employed to prevent on- and off-Site odor nuisances. At a minimum, procedures will include: (a) limiting the area of open excavations; (b) shrouding open excavations with tarps and other covers; and (c) use of foams to cover exposed odorous soils. If odors develop and cannot otherwise be controlled, additional means to eliminate odor nuisances will include: (d) direct load-out of soils to trucks for off-Site disposal; and (e) use of chemical odorants in spray or misting systems.

This odor control plan is capable of controlling emissions of nuisance odors. If nuisance odors are identified, work will be halted and the source of odors will be identified and corrected. Work will not resume until all nuisance odors have been abated. OER will be notified of all odor complaint events. Implementation of all odor controls, including halt of work, will be the responsibility of the PE/QEP's certifying the Remedial Action Report.

Dust Control

Dust management during invasive on-Site work will include, at a minimum:

- Use of a dedicated water spray methodology for roads, excavation areas and stockpiles.
- Use of properly anchored tarps to cover stockpiles.
- Exercise extra care during dry and high-wind periods.
- Use of gravel or recycled concrete aggregate on egress and other roadways to provide a clean and dust-free road surface.

This dust control plan is capable of controlling emissions of dust. If nuisance dust emissions are identified, work will be halted and the source of dusts will be identified and

corrected. Work will not resume until all nuisance dust emissions have been abated. OER will be notified of all dust complaint events. Implementation of all dust controls, including halt of work, will be the responsibility of the PE/QEP's responsible for certifying the Remedial Action Report.

Other Nuisances

Noise control will be exercised during the remedial program. All remedial work will conform, at a minimum, to NYC noise control standards.

Rodent control will be provided, during Site clearing and grubbing, and during the remedial program, as necessary, to prevent nuisances.

APPENDIX D

HEALTH AND SAFETY PLAN

Health and Safety Plan

69 East 125th Street
New York, New York

January 15, 2015
PSG Project Number: 801612100000

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1. HOSPITAL ROUTE MAP

APPENDIX

A. MATERIAL SAFETY DATA SHEETS (MSDS)

1.0 INTRODUCTION

This Site-specific Health and Safety Plan ("HASP") has been prepared to address activities to be performed during the implementation of a sampling scope of work ("Scope of Work") at 69 East 125th Street, New York, New York (the "Site"). Relevant portions of Occupational Safety and Health Administration ("OSHA") 29 CFR 1910.120 and 1926.62 were used as guidance while preparing this HASP.

The designated Site Health and Safety Officer ("SHSO") will be responsible for implementing the HASP. Compliance with this HASP is required of all workers who may potentially encounter fill at the Site (hereinafter referred to as "Site Workers"), including any Contractor's employees, subcontractors to the Contractor, subcontractors to the Owner's representative, and onsite workers for the PSG Engineering, DPC. In the event that a Site Worker does not follow these procedures, he or she will be required to leave the Site immediately. The content of this HASP may change or undergo revisions based upon changes in the technical scope of work, the results of monitoring, and/or additional information made available to health and safety personnel. Any proposed changes must be reviewed and approved by the Corporate Safety Supervisor, and the SHSO implementing the changes to the HASP. As of the date of this HASP PSG will be conducting all work at the Site.

Upon entering the Site, all visitors will be required to sign in and read and comply with the provisions of this HASP. In the event that a visitor does not follow these procedures, he or she will be required to leave the Site immediately.

1.1 Scope of Work

The planned Scope of Work includes advancement of six soil borings to a maximum of 150 feet bgs in order to collect soil samples.

1.2 Emergency and Project Management Contact Information

Provided below is a list of telephone numbers for use in the event of an emergency onsite.

Emergency Medical Service 911
Police: New York City Police Department (NYPD) 911
Hospital: NY Presbyterian Hospital ....(212) 996-1285
National Response Center .....(800) 424-8802
Poison Control Center .....(800) 222-1222
Chemtrec .....(800) 262-8200
Fire: New York City Fire Department (FDNY) 911
New York City Office of Emergency Management 911
Center for Disease Control .....(800) 311-3435
USEPA (Region II) .....(212) 637-5000
NYSDEC Emergency Spill Response .....(800) 457-7362

The following table includes the contact information for Site management and health and safety personnel:

Title	Contact	Company	Cellular Phone
Project Manager	Carrie Berry	PSG	732-320-0462
Site Health and Safety Officer	Ally Hassler	PSG	848-223-3428
Owner's Onsite Representative			

1.3 Address of Hospital

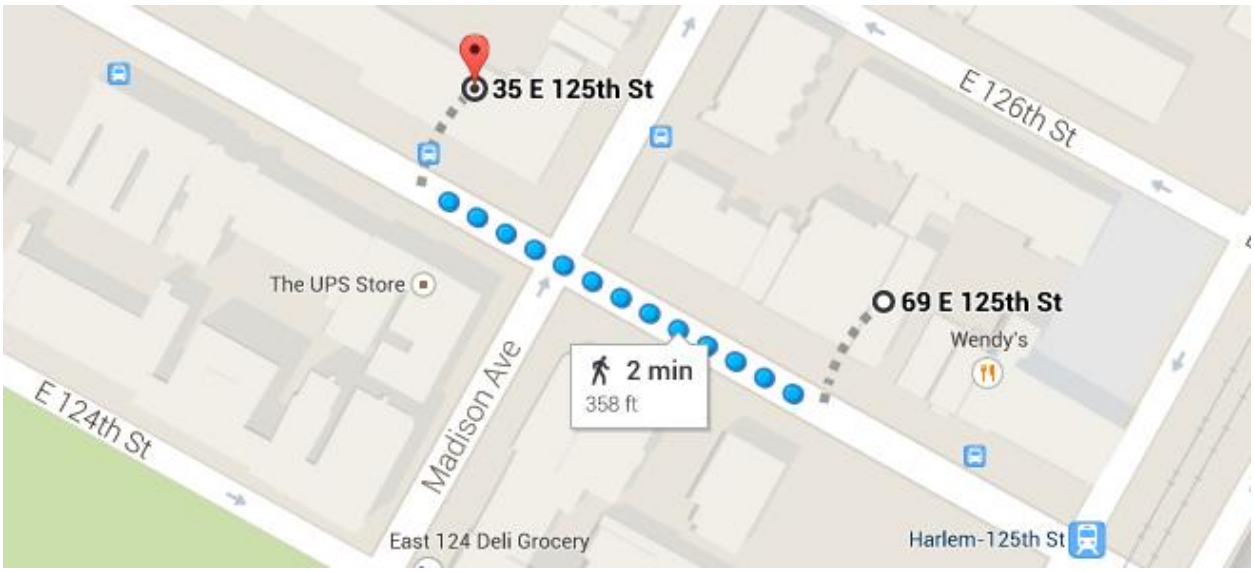
35 East 125th Street
New York, New York 10035

(212) 996-1285

Directions from the Site to the Hospital

Head northwest on East 125th Street toward Madison Ave (358 ft)

Hospital should be on the right.



1.4 Emergency Equipment

The following is a list of emergency equipment to be kept onsite at all times:

- First Aid Kit
- ABC Fire Extinguisher
- Absorbent Pads
- Oil DryEye Wash

1.5 Spills

Spills associated with Site activities may be attributed to project-specific heavy equipment and include gasoline, diesel and hydraulic oil. In the event of a leak or a release, Site personnel will inform their supervisor immediately, locate the source of spillage and stop the flow if it can be done safely. A spill containment kit including absorbent pads, booms and/or granulated speedy dry absorbent material will be available to Site personnel to facilitate the immediate recovery of the spilled material. Daily inspections of Site equipment components including hydraulic lines, fuel tanks, etc. will be performed by their respective operators as a preventative measure for equipment leaks and to ensure that equipment is functioning properly. In the event of a spill, Site personnel will immediately notify the NYSDEC (1-800-457-7362) and a spill number will be generated.

2.0 HEALTH AND SAFETY STAFF

This section briefly describes the health and safety responsibilities for the excavation work to be implemented at the Site. The following staff is responsible for ensuring compliance with the HASP.

2.1 General/Site Superintendent

- Has the overall responsibility for the health and safety of Site Workers.
- Ensures that adequate resources are provided to the field health and safety staff to carry out their responsibilities as outlined below.

2.2 Site Health and Safety Officer (SHSO)

- Directs and coordinates health and safety monitoring activities.
- Ensures that field teams utilize proper personal protective equipment ("PPE").
- Conducts initial onsite specific training prior to Site Workers commencing work.
- Conducts and documents daily and periodic safety briefings.
- Ensures that field team members comply with this HASP.
- Immediately notifies the GSS and CSS of all accident/incidents.
- At the end of each day, communicates the tasks completed to the designated representatives, the next day's planned activities, any third party issues, changes of work plans, and/or changes in level of PPE.
- Determines upgrading or downgrading of PPE based on Site conditions and/or real time monitoring results. Ensures that monitoring instruments are calibrated daily or as the manufacturer's instructions determine.
- Reports to the Project Manager to provide summaries of field operations and progress.
- Submits and maintains all documentation required in this HASP and any other pertinent health and safety documentation.

2.3 Site Workers

- Reports any unsafe or potentially hazardous conditions to the SHSO.
- Maintains knowledge of the information, instructions, and emergency response actions contained in the HASP.
- Complies with rules, regulations, and procedures as set forth in this HASP, including any revisions that are instituted.
- Prevents admittance to work Site by unauthorized personnel.

3.0 SITE DESCRIPTION AND BACKGROUND

The Site is located in the Harlem section of the Borough of Manhattan, City of New York.

3.1 Summary of Environmental Conditions

The Site is currently vacant.

4.0 POTENTIAL HAZARDS RELATED TO FILL/SOIL

This section provides a brief summary of the potential Compounds of Concern and related hazards at the Site.

4.1 General

The following information is presented in order to identify the types of materials that may be encountered at the Site.

4.2 Compounds of Concern

No compounds of concern have been identified at the time.

4.3 Hazard Assessment

The potential to encounter hazards related to surficial soil and groundwater is dependent upon the type of work activity performed and the duration and location of the work activity. Soil and groundwater will be during the sample collection process in small quantities; therefore potential environmental hazards at the Site include ingestion and/or skin contact of soil and groundwater.

Prior to the beginning of each new phase of work, an activity hazard analysis will be prepared by the SHSO with the assistance of the Project Manager. The analysis will address the hazards for each activity performed in the phase and will present the procedures and safeguards necessary to eliminate the hazards or reduce the risk.

There is no real potential for Site Workers to be exposed to chemical hazards during the Scope of Work.

4.4 Exposure Pathways and Assessment

Exposure to these compounds during ongoing activities may occur through inhalation of dust particles and by way of dermal absorption and accidental ingestion by either direct or indirect cross-contamination activities. For groundwater, the most common exposure may occur via accidental ingestion or dermal absorption.

Inhalation of dust particles can occur during adverse weather conditions (high or changing wind directions). Due to the sampling quantities involved in this Scope of Work and as all work will be conducted indoors, there is little chance for generation or migration of dust. Should dust become an issue, dust control measures such as applying water to work areas will be implemented if visible dust is generated, in accordance with this HASP.

4.5 Additional Precautions

Dermal absorption or skin contact with Site soils is possible during intrusive activities at the Site. The use of PPE and proper vehicle and Site Worker cleaning procedures should significantly reduce the risk of skin contact. The potential for accidental ingestion of Site soils/groundwater is expected to be remote when good hygiene practices are used.

4.6 Hazard Assessment and Mitigation

Task	Hazards	Risk of Exposure	Action Taken
Mobilization/Demobilization	Inhalation/Skin Contact	Low	Proper PPE will be worn. No eating or drinking will be permitted in active work areas.
Soil, Groundwater, and Soil Vapor Sampling	Inhalation/Skin Contact	Low	Proper PPE will be worn. No eating or drinking will be permitted in active work areas.

5.0 TRAINING

This section details the training requirement for Site Workers.

5.1 Site-Specific Training

Prior to the commencement of field activities, the SHSO will provide Site-specific training to all Site Workers. Site Workers will receive training that will specifically address the activities, procedures, monitoring, and equipment for Site operations. It will include Site layout, hazards, fire prevention and response, first aid equipment locations and emergency services at the Site, and will highlight all provisions contained within this HASP. This training will also allow field workers to clarify anything they do not understand and to reinforce their responsibilities regarding safety and operations for their particular activity. This training may be conducted in conjunction with other Site training or meetings.

5.2 Onsite Safety Meetings

Safety meetings will take place to discuss potential safety concerns for the upcoming activities. At a minimum, the appropriate field supervisors or foremen for all workers will conduct at least one formal daily safety meeting in the morning; however, additional meetings or briefings may be necessary as a result of changing conditions or modifying tasks. Copies of the daily safety meeting sign in sheet and a description of items discussed will be kept at the Site.

The meetings will also provide a forum to facilitate conformance with safety requirements and to identify performance deficiencies related to safety during daily activities or as a result of safety audits by the Contractor or other involved parties. These meetings may be conducted in conjunction with other Site training or meetings.

Visitors onsite must be made aware of the hazards onsite in a Site-specific safety briefing and sign a statement indicating that they will comply with the applicable requirements of this HASP.

5.3 First Aid and CPR

The SHSO will identify those individuals having first aid and CPR training to assist with emergency medical treatment during field activities, if necessary. The training will be consistent with the requirements of the American Red Cross. Certification and appropriate training documentation will be kept with the Site Workers' records by the SHSO.

6.0 SITE CONTROL AND PERSONAL PROTECTIVE EQUIPMENT

This section provides a detailed description of the Site control measures and personal PPE procedures to be implemented at the Site. It is important to note that this HASP has been drafted to apply to work in Level D or modified Level D only. If the monitoring results require Level C protection or higher, all Site work will immediately cease until activities can be completed with workers trained in accordance with 29 CFR 1910.120.

6.1 Site Control

The Site, from land surface down to the native soil, will be considered the work area with respect to this HASP.

6.2 Personal Protective Equipment

The level of protection worn by Site Workers will be enforced by the SHSO. The level of protection may be upgraded at the discretion of the SHSO. All decisions on the level of protection will be based upon a conservative interpretation by the SHSO of the information provided by air monitoring results and/or other appropriate information. Any changes in the level of protection shall be recorded in the health and safety field logbook. If the level of respiratory protection needs to be upgraded, the Contractor will immediately contact the Project Manager and Owner's Representative.

The level of PPE for work on the Site is Level D PPE, which includes the following:

- Work uniform (long pants, sleeved shirt)
- Hard hat (all Geoprobe operations)
- Steel-toed, steel-shanked work boots
- Safety glasses
- Boot covers (as needed)
- Hearing protection (as needed)
- Reflective safety vest

If required by the SHSO, modified Level D PPE may also be used at the Site during specific activities, consisting of the following:

- Regular Tyvek coveralls (Poly-coated Tyvek as required)
- Outer gloves: leather, cotton, neoprene or nitrile (as required)
- Inner gloves: latex or nitrile (doubled) as required
- Chemical resistant boots over work boots (as required)
- Steel-toed, steel-shanked work boots
- Hard hat
- Safety glasses
- Hearing protection, as needed
- Reflective safety vest

6.3 Site Control for Unexpected Conditions

Although unexpected for this Scope of Work, in the event that unexpected conditions or hazardous waste is encountered, thereby requiring workers trained in accordance with 29 CFR 1910.120, the following four-zone approach will be employed in order to prevent the spread of the contamination from the area containing the unexpected condition and to protect Site Workers. The four-zones include the Exclusion Zone, the Contamination Reduction Zone, the Remediated Zone, and the Support Zone. A stepped

remedial approach will be managed and the zones modified as the work progresses. Each of the areas will be defined through the use of control barricades and/or construction/hazard fencing. A clearly marked delineation between the zones will be maintained. Signage will be posted to further identify and delineate these areas.

The following subsections describe the four zones that will be utilized in the event that unexpected conditions or contamination is discovered at the Site.

6.3.1 Exclusion Zone

The area where the unexpected condition is discovered would be considered the Exclusion Zone (EZ). All excavation and handling of contaminated materials generated as a result of the discovery of an unexpected condition would take place within the EZ. This zone will be clearly delineated by hay bales, jersey barriers, and/or similar methods. Safety tape may be used as secondary delineation within the EZ. The zone delineation markings may be opened in areas for varying lengths of time to accommodate equipment operation or specific construction activities. The SHSO may establish more than one EZ where different levels of protection may be employed or where different hazards exist. Site Workers will not be allowed in the EZ without:

- A buddy (co-worker)
- Appropriate PPE
- Medical authorization
- Training certification

6.3.2 Contamination Reduction Zone

A Contamination Reduction Zone (CRZ) will be established between the EZ and the property limits. The CRZ contains the Contamination Reduction Corridor (CRC) and provides an area for decontamination of Site Workers and equipment. The CRZ will be used for general Site entry and egress, in addition to access for heavy equipment and emergency support services. Site Workers will not be allowed in the CRZ without:

- A buddy (co-worker)
- Appropriate PPE
- Medical authorization
- Training certification

6.3.3 Remediated Zone

A Remediated Zone (RZ) will be established in portions of the Site where the remediation has been completed and only general construction work will be performed. Setup of the RZ will consist of implementing several measures designed to reduce the risk of workers' exposure and prevent non-trained workers from entering the non-remediated zone. Non-trained workers will work only in areas where the potential for exposure has been minimized by removal of all hazardous materials. The remediated zone will then be separated from the non-remediated zone by installing and maintaining temporary plywood or other construction fences along the boundary between the two zones. If potentially impacted material is uncovered in the RZ, all non-trained workers will be removed and the SHSO will assess the potential risks. If, at any other time, the risk of exposure increases while non-trained workers are present in the RZ, the non-trained workers will be removed. At all times, when non-trained workers are present in the RZ, air monitoring for the presence of VOCs will be conducted in the RZ, as well as at the fence line of the non-remediated zone.

6.3.4 Support Zone

The Support Zone (SZ) will be an uncontaminated area that will be the field support area for the Site operations. The SZ will contain the temporary project trailers and provides for field team communications and staging for emergency response. Appropriate sanitary facilities and safety equipment will be located in this zone. Potentially contaminated Site Workers or materials are not allowed in this zone. The only exception will be appropriately packaged/decontaminated and labeled samples. Meteorological conditions will be observed and noted from this zone, as well as those factors pertinent to heat and cold stress.

7.0 COMMUNITY AIR MONITORING PLAN

A Community Air Monitoring Plan ("CAMP") will be implemented onsite, in which VOCs will be monitored in the work area during ground intrusive activities. VOCs will be monitored as a precautionary measure. The design of the CAMP is intended to provide a measure of protection for the onsite workers not directly involved with the subject work activities from potential airborne contaminant releases as a direct result of remedial work activities. Monitoring will be performed to verify the adequacy of the Level D respiratory protection, to aid in Site layout, and to document monitoring results. If air monitoring in the work areas indicates the presence of potentially hazardous materials, control measures will be implemented. All monitoring instruments shall be operated by qualified personnel only and will be calibrated prior to use daily or more often, as necessary. The SHSO is responsible for ensuring that appropriate monitoring, levels of protection, and safety procedures are followed.

7.1 Instrumentation

The following monitoring instruments supplied by the Contractor will be available for use during field operations, as necessary:

- Photoionization Detector (PID) with 10.6 EV probe or equivalent.

A PID organic vapor meter shall be used to monitor VOCs in active work areas during the soil intrusive activities. All instruments shall be calibrated daily prior to use in accordance with the manufacturer's procedures. Calibration records shall be documented and recorded daily. The frequency of monitoring should be determined by the SHSO after consultation with the Project Manager. The rationale for any modification must be documented and maintained by the SHSO in the onsite health and safety files.

7.2 Action Levels

Action levels for the upgrading of PPE requirements in the HASP will apply to all Site work. These action levels are for known contaminants measured using direct reading instruments in the Breathing Zone ("BZ") for VOCs. The BZ will be determined by the SHSO, but is typically 4 to 5 feet above the work area surface or elevation. If the level of respiratory protection needs to be upgraded, the Contractor will immediately contact the Construction Manager and Owner's Representative.

8.0 VEHICLE/SITE WORKER CLEANING AREAS AND DISPOSAL PROCEDURES

This section details the specific vehicle/Site Worker cleaning and waste disposal procedures to be implemented at the Site during the Scope of Work activities.

8.1 Contamination Prevention

Contamination prevention should minimize worker exposure and help to avoid spreading Site derived soil onto the public roadways. Procedures for prevention include:

Site Workers

- Do not walk through areas of soil.
- Do not directly handle or touch soil.
- No eating or drinking in the soil areas.
- Particular care should be taken to protect any skin injuries.
- Stay upwind of dust – not expected as all work is indoors.
- Do not use cigarettes, cosmetics, gum, etc., in areas of soil.

Heavy Equipment

- Care should be taken to limit the amount of soil that comes in contact with heavy equipment (tires, Geoprobe tracks).
- If tools used in soil are to be placed on equipment for transport to an area where all soil has been removed or to be cleaned, plastic should be used to keep the equipment clean.

8.2 Site Worker Cleaning Procedures

It is not expected that any Site Worker will need to employ a cleaning procedure when exiting the active work areas due to the limited amount of potential for soil exposure. There will be no designated Site Worker Cleaning Area for this Scope of Work.

8.3 Vehicle Cleaning Area/Stabilized Construction Entrances

It is not expected for any vehicle to require a cleaning area due to the limited amount of potential for soil exposure. No vehicle cleaning area or construction entrance will be constructed. Regardless, no soil will be spread or tracked onto the public roadway. No equipment will be allowed to leave the Site prior to the SHSO or Site Superintendent's inspection and verification that the equipment is clean.

8.4 Disposal Procedures

A system of segregating all waste will be developed by the SHSO. All discarded materials, waste materials, or other objects shall be handled in such a way as to preclude the potential for spreading Fill, creating a sanitary hazard, or causing litter to be left onsite. If any potentially contaminated materials (e.g., clothing, gloves, etc.) are generated, they will be bagged or drummed, as necessary, labeled, and segregated for disposal. All non-contaminated materials shall be collected and bagged for appropriate disposal as domestic waste.

9.0 HANDLING OF POTENTIAL HAZARDOUS MATERIALS

Hazardous materials are not expected to be encountered.

10.0 EMERGENCY PLAN

The emergency plan outlined in this section will be understood by all Site Workers prior to the start of work so that, should an emergency occur, all parties will know how to respond. During an emergency, the SHSO will perform air monitoring as needed and will assist responding emergency personnel with health and safety information related to the Site. Site Workers will endeavor to keep non-essential personnel away from the incident until the appropriate emergency personnel arrive. At that time, the emergency personnel will take control of the Site. Site Workers may be asked to lend assistance to emergency personnel such as during evacuations, help with the injured, etc.

10.1 Emergency Response Numbers

The following sections provide emergency response and project management phone numbers. Emergencies encountered on this Site will be responded to via offsite emergency services personnel and Site Workers.

- Emergency Medical Service 911
- Police: New York City Police Department (NYPD) 911
- Hospital: NY Presbyterian Hospital ....(212) 996-1285
- National Response Center .....(800) 424-8802
- Poison Control Center .....(800) 222-1222
- Chemtrec .....(800) 262-8200
- Fire: New York City Fire Department (FDNY) 911
- New York City Office of Emergency Management 911
- Center for Disease Control .....(800) 311-3435
- USEPA (Region II) .....(212) 637-5000
- NYSDEC Emergency Spill Response .....(800) 457-7362

10.2 Emergency Evacuation

Evacuation procedures will be discussed prior to the start of work and periodically during safety meetings. In the event of an emergency situation such as fire or an explosion the area will be evacuated. All Site Workers will assemble outside of the active work areas and away from the area of danger and the fire department and other emergency response personnel will be notified by telephone of the emergency.

10.3 Injury to Site Workers

Emergency first aid shall be applied onsite as appropriate. In the event that additional medical attention is necessary, the injured worker should be brought to the emergency room at the hospital. If the Site worker is unable to be brought to the hospital, 911 should be called and an ambulance sent to the Site.

10.4 Site Worker Exposure

Skin Contact: Use copious amounts of soap and water. Wash/rinse affected area thoroughly, then clean or remove PPE and provide appropriate medical attention, if necessary. Eyes should be rinsed for 15 minutes upon chemical contamination.
Inhalation: Move to fresh air and/or, if necessary, clean or remove PPE and transport to emergency medical facility.
Ingestion: Clean or remove PPE and transport to emergency medical facility, if necessary.
Puncture Wound/Laceration: Clean or remove PPE and transport to emergency medical facility, if necessary.

11.0 FIELD TEAM REVIEW

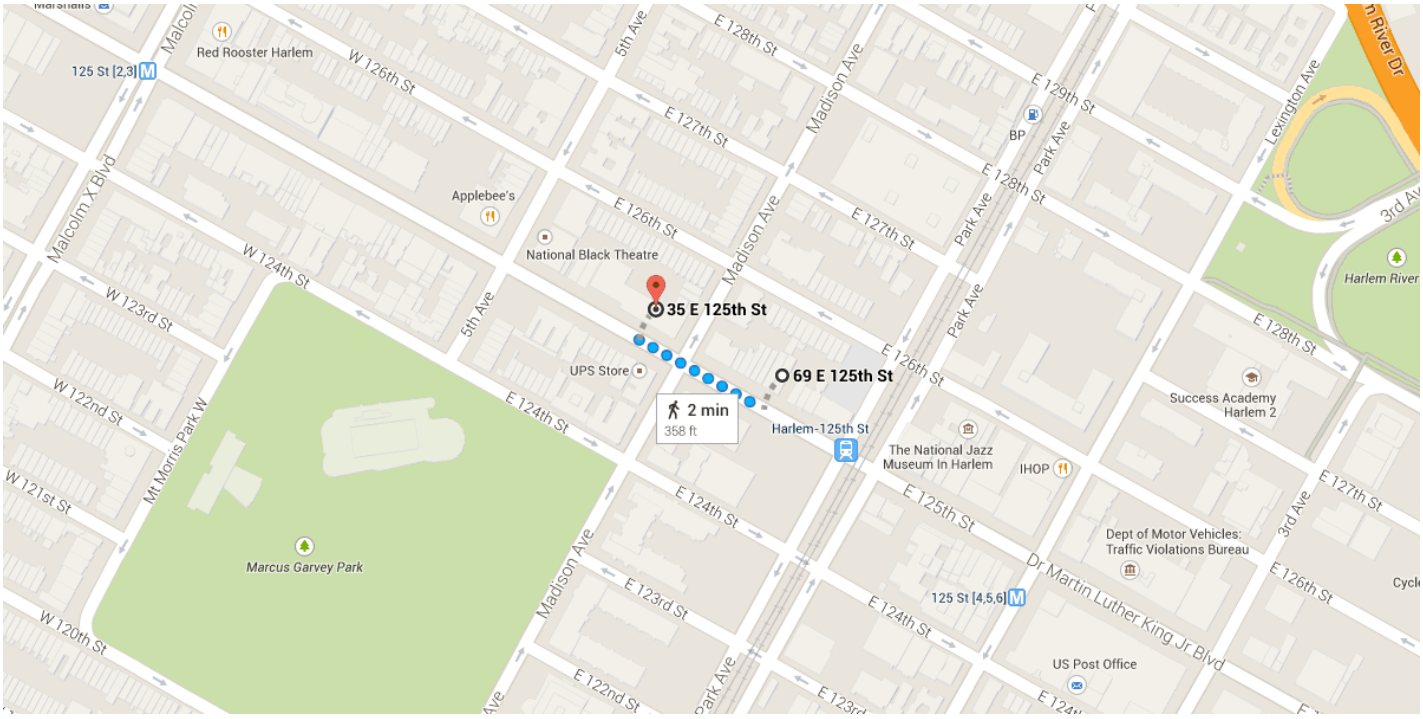
Each Site Worker shall sign this section after Site-specific training is completed and before being permitted to work at the Site.

Date	Name	Signature	Company

Google

Walk 358 ft, 2 min

Directions from **69 E 125th St** to **35 E 125th St**



69 E 125th St

New York, NY 10035

Use caution - may involve errors or sections not suited for walking

1. Head **northwest** on **E 125th St/Dr Martin Luther King Jr Blvd** toward **Madison Ave**

   Destination will be on the right

358 ft

35 E 125th St

New York, NY 10035

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.

APPENDIX E

VAPOR BARRIER SPECIFICATIONS

Florprufe® 120

With Grace's Advanced Bond Technology™, Florprufe® is the industry's first integrally bonded vapour barrier. Florprufe® forms a unique seal to the underside of concrete slabs-on-grade, creating a permanent barrier that minimises the risk of water vapour from the ground reaching moisture-sensitive floor finishes. Florprufe® stops excess water vapour that can result in warping, loss of adhesion, staining, mold and other major defects that require costly repairs or replacement. It complies with the latest American Concrete Institute (ACI) recommendations that slabs with vapour-sensitive coverings should always have the vapour barrier in direct contact with the slab. Comprised of a highly durable polyolefin sheet and a specially developed non-tacky adhesive coating, Florprufe® develops an integral seal with the liquid concrete as it is poured. Once the concrete is poured, an integral seal develops between the liquid concrete and the membrane. The Bond Makes the Difference!

Product Documents

Document Name	Document Type	Download
Florprufe 120 Data Sheet	Data Sheet	PDF
072616 Integrally-Bonded Underslab Vapor Retarder_Florprufe 120	Guide Specifications	DOC
Florprufe 120 MSDS	MSDS	PDF

Brochures

Grace Weather Protection System

From the foundation to the walls and roofs, Grace weather Protection Systems have you covered

Download Brochure

RELATED PRODUCTS

Bituthene® Liquid Membrane

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SECTION 072616

INTEGRALLY-BONDED UNDERSLAB VAPOR RETARDER

GRACE FLORPRUFE® 120 MEMBRANE

PART 1 — GENERAL

1.01 SUMMARY

A. The Work of this Section includes, but is not limited to, underslab vapor retarder/barrier membrane that forms an integral bond to poured concrete for use below slabs on grade.

B. Related sections include, but are not limited to, the following:

1. Section 031000 – Concrete Formwork
2. Section 033000 – Cast-In-Place Concrete

1.02 SUBMITTALS

A. Submit manufacturer's product data, installation instructions and membrane samples for approval.

1.03 REFERENCE STANDARDS

A. The following standards and publications are applicable to the extent referenced in the text.

B. American Society for Testing and Materials (ASTM):

D 412 Standard Test Methods for Rubber Properties in Tension

D 903 Standard Test Method for Peel or Stripping Strength of Adhesive Bonds

D 3767 Standard Practice for Rubber - Measurements of Dimensions

E 96 Standard Test Methods for Water Vapor Transmission of Materials

E 154 Standard Test Methods for Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs, on Walls, or as Ground Cover

E 1643 Standard Practice for Installation of Water Vapor Retarders Used in Contact with Earth or Granular Fill Under Concrete Slabs

E 1745 Plastic Vapor Retarders Used in Contact with Soil or Granular fill under Concrete Slabs

C. American Concrete Institute (ACI)
ACI 302.1R-96 Addendum Vapor Retarder Location: For slabs with vapor-sensitive floor coverings, locate retarder in direct contact with the slab (not beneath a layer of granular fill).

1.04 QUALITY ASSURANCE

A. Materials: For each type of material required for the work of this section, provide primary materials that are the products of one manufacturer.

B. Schedule Coordination: Schedule work such that membrane will not be left exposed to weather for longer than that recommended by the manufacturer.

1.05 DELIVERY, STORAGE AND HANDLING

A. Deliver materials in labeled packages. Store and handle in strict compliance with manufacturer's instructions. Protect from damage from weather, excessive temperature and construction operations. Remove and dispose of damaged material in accordance with applicable regulations.

PART 2 — PRODUCTS

2.01 MATERIALS

A. Integrally Bonded Vapor Protection: Florprufe® 120 Membrane by Grace Construction Products, a 0.5mm (0.021 in) nominal thickness composite sheet membrane comprising 0.4 mm (0.016 in.) of polyolefin film, and layers of specially formulated synthetic adhesive layers. The membrane shall form an integral and permanent bond to poured concrete to prevent vapor migration at the interface of the membrane and structural concrete. Provide membrane with the following physical properties:

PHYSICAL PROPERTIES FOR FLORPRUFE® 120 MEMBRANE:

Florprufe 120 is a Class A vapor barrier and exceeds the requirements as defined by ASTM E 1745

Property	Typical Value	Test Method
Thickness (nominal)	0.5mm (0.021 in)	ASTM D3767 Method A
Water Vapor Permeance	0.03 perms	ASTM E96 Method B *
Tensile Strength	65 lb./in	ASTM E154 *
Elongation	300%	ASTM D412
Puncture Resistance	3300 grams	ASTM D1709 *
Peel Adhesion to Concrete	>4 lb./in	ASTM D903

* ASTM E 1745 Requirements.

PART 3 — EXECUTION

3.01 EXECUTION

A. The installer shall examine conditions of substrates and other conditions under which this work is to be performed and notify the Contractor, in writing, of circumstances detrimental to the proper completion of the work. Do not proceed with work until unsatisfactory conditions are corrected.

3.02 INSTALLATION

A. Earth and stone substrates shall be well compacted to produce an even, solid substrate. Remove loose aggregate or sharp protrusions. Concrete substrates shall be smooth or broom finished and monolithic. Remove standing water prior to membrane applications.

B. Installation shall be in accordance with manufacturer's instructions and ASTM E 1643–98, including but not limited to, the following:

1. Apply membrane with the HDPE film facing the prepared substrate. Remove the release liner during application.
2. Apply succeeding sheets by overlapping the previous sheet 50-mm (2 in.) along the marked lap line. End Laps should be staggered to avoid a build up of layers.

   Mechanical Fastening Method - To prevent the membrane from moving and gaps opening, the laps should be fastened together at 1.0m (39 in) maximum centers. Fix through the center of the lap area using 12mm (0.5 in) long washer-head self-tapping galvanized screws or similar allowing the head of the screw to bed into the adhesive compound to self-seal. *Ensure the membrane lays flat and no openings occur*. Additional fastening may be required at corners, details etc.

   OR

   Taped Lap Method - For additional security use Grace Preprufe® Tape to secure and seal the overlaps. Overband the lap with the 100mm (4in) wide Preprufe® Tape using the lap line for alignment. Remove plastic release liner to ensure bond to concrete.

3. Mix and apply Grace liquid detailing compound to seal around penetrations such as drainage pipes, etc.

3.04 CONCRETE PLACEMENT

A. Place concrete within 30 days. Inspect membrane and repair any damage with patches of Preprufe Tape. Ensure all liner is removed from membrane and tape before concrete placement.

END OF SECTION

For Technical Assistance call toll free at 866-333-3SBM (3726).

Visit our web site at www.graceconstruction.com

W.R. Grace & Co.-Conn. 62 Whittemore Avenue Cambridge, MA 02140

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