

PROJECT No.: 170362702	CLIENT:	DATE: Wednesday, January 4, 2022
PROJECT: 23-15 44 th Road	CP VIII LIC Owner, LLC	WEATHER: Partly Cloudy; 54 - 65 F, Wind: SW 1.8 – 3.3 mph
LOCATION: Long Island City, New York		TIME: 6:45 a.m. – 5:45 p.m.
BCP SITE ID: C241189		MONITOR: Caroline Devin
EQUIPMENT: 2 CAT 355F Excavator 1 CAT 313BC Excavator 1 CAT 304C Excavator 1 Delmag Drill Rig	PRESENT AT SITE: Langan: Caroline Devin, Lakshman Dontha ECD: Justin Brennan Carmel Partners: Craig Goldberg, Angelo Ingrati	

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated July 16, 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane vertically along the foundation wall and pile caps in waste characterization grids (WCG) COMP B and C in the western part of site.
- ECD exported 23 truckloads of soil from the soil stockpile in WCG COMP F to the Middlesex County Utilities Authority (MCUA) Landfill located in East Brunswick, NJ. All material from the stockpile was exported from the site.
- ECD used a CAT355F excavator to excavate an area about 50 feet long by 14 feet wide by 9 feet deep (corresponding to 21 feet below former site grade) in WCGs COMP G, N and O. Excavated material was added to a new stockpile in WCG COMP F.
- ECD used a CAT355F excavator to excavate an area about 30 feet long by 5 feet wide by 9 feet deep (corresponding to 21 feet below former site grade) in WCGs COMP G, N and O. Excavated material was added to the stockpile in WCG COMP F.
- ECD used a CAT 304C excavator to grade an area about 40 feet long by 20 feet wide in WCG N. No excess material was generated from this work.

Material Tracking

- No material was imported to the site.

Import Summary								
Facility/Material	2"– 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ		Wharton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0	0	0
Total	9	221.94	15	364.88	0	0	2	69.30
DEC Approved Amount	480 Tons*		480 Tons*		480 Tons*		1,600 Tons*	

*Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- ECD exported 23 loads (460 CY) of non-hazardous soil/fill to MCUA from the following waste characterization grids:
 - COMP C (12-15)', COMP F (12-15)', COMP G (12-15)', COMP K (10-15)', COMP N (15 - 18)' and COMP O (18-21)'.

Soil/Fill Export Summary			
Facility	Exported	Today	Total
Cycle Chem, Inc. Elizabeth, NJ Hazardous Soil/Fill	No. Loads	0	54
	Quantity (CY)	0	1,080
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	0	215
	Quantity (CY)	0	4,300
Middlesex County Utilities Authority Landfill East Brunswick, NJ Non-Hazardous Soil/Fill	No. Loads	23	1,152
	Quantity (CY)	460	23,040
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	96
	Quantity (CY)	0	1,920

Samples collected

- Langan collected one documentation end-point sample from about 15 feet below former site grade (bfsg) at the base of soil excavation in WCG COMP G. Sample EP19_1 was submitted for analysis to York Analytical Laboratories of Stratford, Connecticut for mercury.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 μm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.
 - CAMP was suspended at 4:01PM due to inclement weather. No fugitive dust or odors were observed.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing pile caps.

SITE PHOTOGRAPHS:



Photo 1: ECD excavating in the central part of the site (facing west).



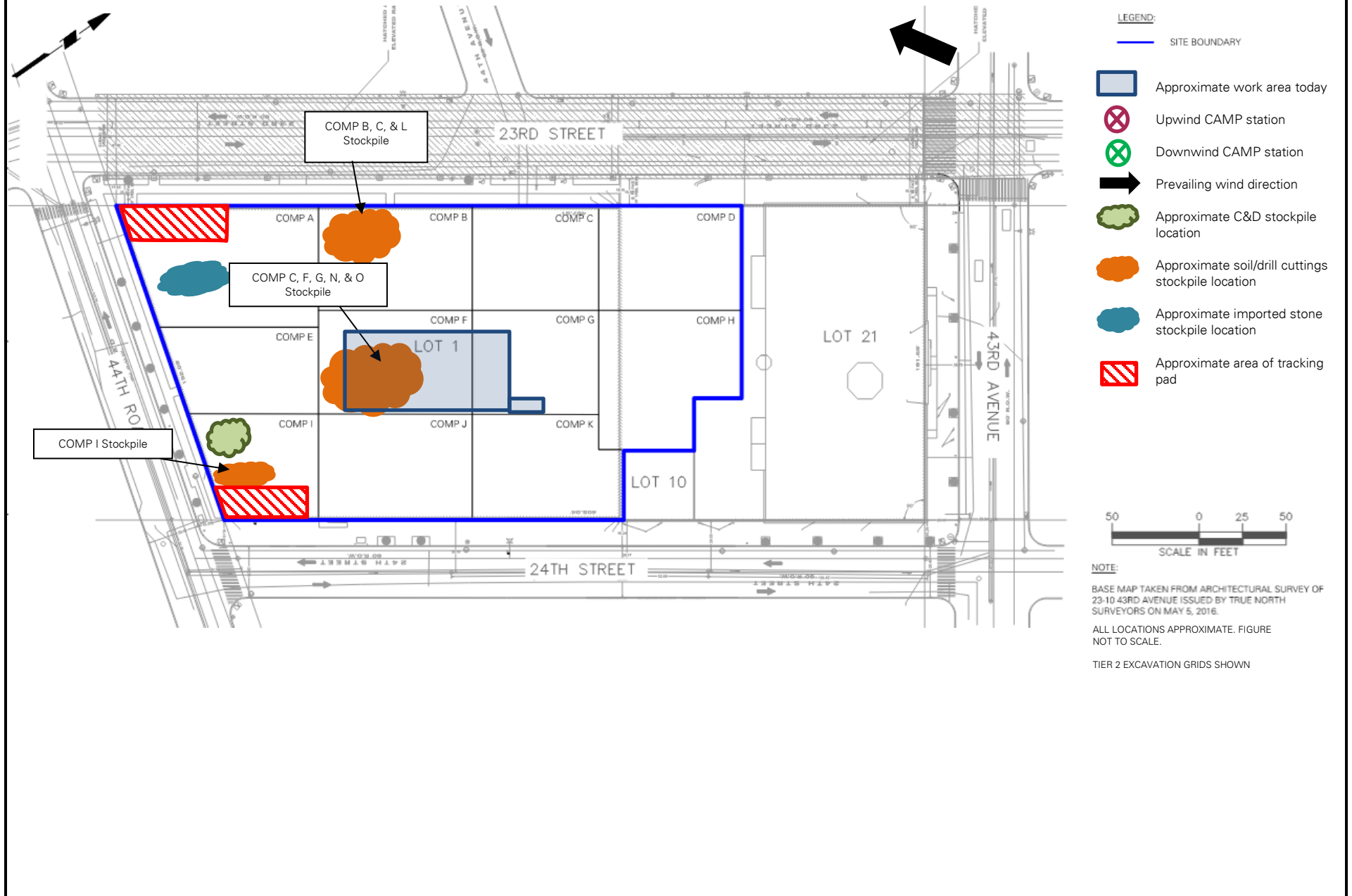
Photo 2: ECD loading non-hazardous soil/fill into trucks for offsite disposal (facing west).

SITE PHOTOGRAPHS CONTINUED:

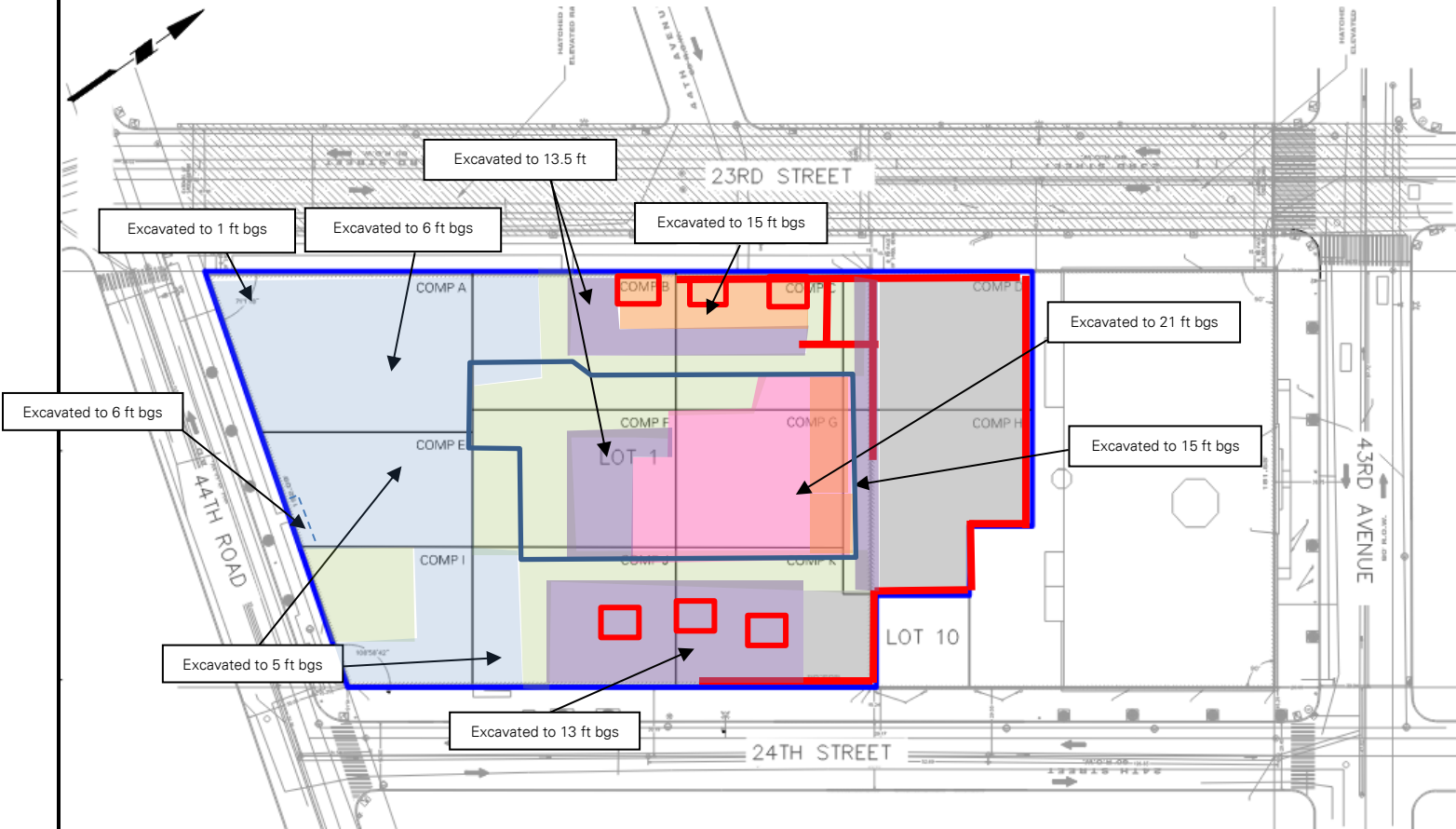


Photo 3: ECD installing waterproofing in pile caps in the western part of the site (facing northeast).

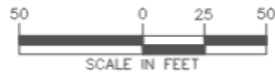
Site Map 1:



Site Map 2:



- LEGEND:**
- SITE BOUNDARY
 - Tier 1 Excavation Progress
 - Tier 2 Excavation Progress
 - Tier 3 Excavation Progress
 - Tier 4 Excavation Progress
 - Concrete Installation Progress
 - Waterproofing Membrane Installation Progress
 - Foundation Slab Installation Progress
 - Soil Mix Wall



NOTE:
 BASE MAP TAKEN FROM ARCHITECTURAL SURVEY OF 23-10 43RD AVENUE ISSUED BY TRUE NORTH SURVEYORS ON MAY 5, 2016.
 ALL LOCATIONS APPROXIMATE. FIGURE NOT TO SCALE.
 TIER 2 EXCAVATION GRIDS SHOWN

PROJECT No.: 170362702	CLIENT:	DATE: Thursday, January 5, 2022
PROJECT: 23-15 44 th Road	CP VIII LIC Owner, LLC	WEATHER: Partly Cloudy; 45 - 50 F, Wind: ENE 1.7 – 3.9 mph
LOCATION: Long Island City, New York		TIME: 6:30 a.m. – 5:00 p.m.
BCP SITE ID: C241189		MONITOR: Caroline Devin
EQUIPMENT: 2 CAT 355F Excavator 1 CAT 313BC Excavator 1 CAT 304C Excavator 1 Hitachi 135US Excavator 1 Delmag Drill Rig	PRESENT AT SITE: Langan: Caroline Devin, Lakshman Dontha ECD: Justin Brennan Carmel Partners: Craig Goldberg, Angelo Ingrati	

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated July 16, 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane vertically along the foundation wall and pile caps in waste characterization grids (WCG) COMP B and C in the western part of site.
- ECD used a CAT355F excavator to excavate two areas about 10 feet long by 6 feet wide by 1.5 feet deep (corresponding to 15 feet below former site grade) in WCG COMP F. Excavated material was temporarily stockpiled adjacent to the work area and replaced upon completion of work.
- ECD used a Hitachi 135US excavator to excavate an area about 25 feet long by 5 feet wide by 1.5 feet deep (corresponding to 15 feet below former site grade) in WCG K. Excavated material was added to the stockpile in WCG COMP F.
- ECD used a CAT 304C excavator to grade an area about 50 feet long by 28 feet wide in WCG N. No excess material was generated from this work.
- ECD used a CAT 304C excavator to grade an area about 15 feet long by 8 feet wide in WCG B. No excess material was generated from this work.

Material Tracking

- No material was imported to the site.

Import Summary								
Facility/Material	2"– 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ		Wharton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0	0	0
Total	9	221.94	15	364.88	0	0	2	69.30
DEC Approved Amount	480 Tons*		480 Tons*		480 Tons*		1,600 Tons*	

*Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- No material was exported from the site.

Soil/Fill Export Summary			
Facility	Exported	Today	Total
Cycle Chem, Inc. Elizabeth, NJ Hazardous Soil/Fill	No. Loads	0	54
	Quantity (CY)	0	1,080
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	0	215
	Quantity (CY)	0	4,300
Middlesex County Utilities Authority Landfill East Brunswick, NJ Non-Hazardous Soil/Fill	No. Loads	0	1,152
	Quantity (CY)	0	23,040
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	96
	Quantity (CY)	0	1,920

Samples collected

- Langan collected three documentation end-point samples from between 15 and 22 feet below former site grade at the base of soil excavation in WCG COMP F. Sample EP18_1.5 was submitted to York Analytical Laboratories of Stratford, Connecticut (York) for SVOCs and metals (including hexavalent chromium and cyanide) analysis. Samples EP12_-5.8 and EP19_-5.8 were submitted to York for PFAS analysis.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 μm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing pile caps.

SITE PHOTOGRAPHS:

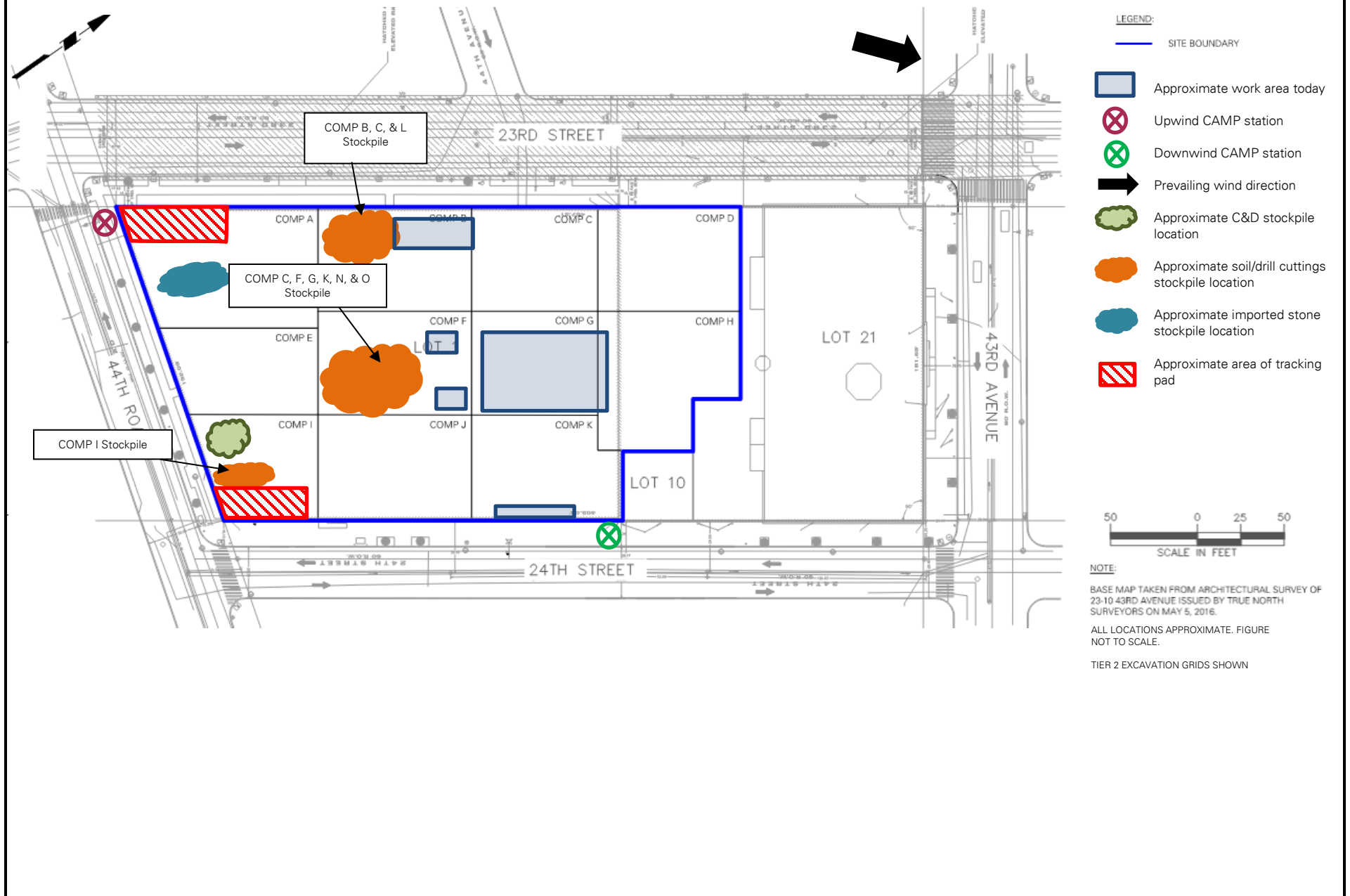


Photo 1: ECD excavating in WCG COMP F (facing north).

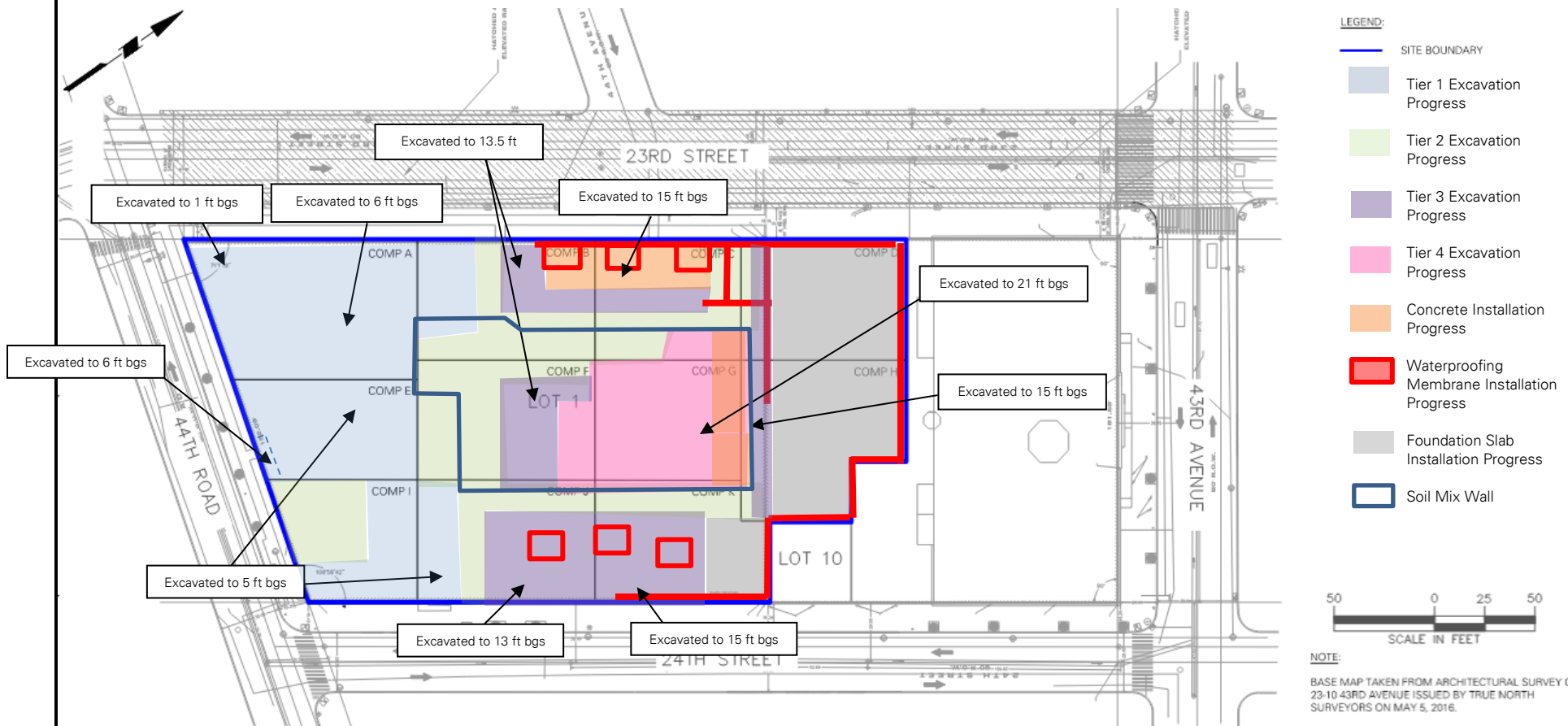


Photo 2: ECD installing waterproofing in WCG COMP B (facing west).

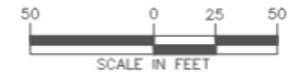
Site Map 1:



Site Map 2:



- LEGEND:**
- SITE BOUNDARY
 - Tier 1 Excavation Progress
 - Tier 2 Excavation Progress
 - Tier 3 Excavation Progress
 - Tier 4 Excavation Progress
 - Concrete Installation Progress
 - Waterproofing Membrane Installation Progress
 - Foundation Slab Installation Progress
 - Soil Mix Wall



NOTE:
 BASE MAP TAKEN FROM ARCHITECTURAL SURVEY OF 23-10 43RD AVENUE ISSUED BY TRUE NORTH SURVEYORS ON MAY 5, 2016.
 ALL LOCATIONS APPROXIMATE. FIGURE NOT TO SCALE.
 TIER 2 EXCAVATION GRIDS SHOWN

PROJECT No.: 170362702	CLIENT:	DATE: Friday, January 6, 2022
PROJECT: 23-15 44 th Road	CP VIII LIC Owner, LLC	WEATHER: Partly Cloudy; 41 - 47 F, Wind: E 1.0 – 2.3 mph
LOCATION: Long Island City, New York		TIME: 6:45 a.m. – 5:30 p.m.
BCP SITE ID: C241189		MONITOR: Ali Reach
EQUIPMENT: 2 CAT 355F Excavator 1 CAT 313BC Excavator 1 CAT 304C Excavator 1 Hitachi 135US Excavator 1 Delmag Drill Rig	PRESENT AT SITE: Langan: Ali Reach, Lakshman Dontha ECD: Justin Brennan Carmel Partners: Craig Goldberg, Angelo Ingrati	
OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.: <p>Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated July 16, 2019, and implemented the Community Air Monitoring Plan (CAMP).</p> <p>Site Activities</p> <ul style="list-style-type: none">• ECD exported 4 loads of previously stockpiled concrete and debris (C&D) to Evergreen Recycling of Corona (ERO) located in Flushing, New York.• ECD used a CAT 304C excavator with a hammer attachment to break up remaining concrete in the C&D stockpile for future export.• ECD used a CAT 304C excavator to grade an area about 5 feet long by 5 feet wide in waste characterization grid (WCG) COMP J. No excess material was generated from this work.• ECD used a CAT 304C excavator to temporarily backfill an about 20-foot-long by 6-foot-wide area in the east-central part of the site to about 10 feet below grade surface to support formwork installation. Material used for backfill was about 10 cubic yards of previously stockpiled soil/fil from the stockpile in WCG COMP F containing material from WCGs COMP C (12-15)', F (10-15)', G (12-15)', K (10-15)', N (15-18)' and O (18-21)'. The material will be removed and disposed off-site when the forms have been poured or the formwork has been otherwise supported.• ECD used a Hitachi 135US excavator to excavate an area about 15 feet long by 3 feet wide by 1 foot deep (corresponding to 14 feet below former site grade) in WCG COMP K for underground electrical conduit pipe installation. Excavated material was placed adjacent to the excavated area and replaced upon completion of work.• ECD used a CAT 304C excavator to separate soil from concrete in the remaining C&D stockpile in the southeastern part of the site. Separated soil generated from this work included material from WCG COMP I (5-10') and COMP K (10-15') and was added to the existing soil stockpile located in WCG COMP F.• ECD installed formwork and rebar in the central and western parts of the site.		

Material Tracking

- No material was imported to the site.

Import Summary								
Facility/Material	2"– 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ		Wharton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0	0	0
Total	9	221.94	15	364.88	0	0	2	69.30
DEC Approved Amount	480 Tons*		480 Tons*		480 Tons*		1,600 Tons*	

*Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- No material was exported from the site.

Soil/Fill Export Summary			
Facility	Exported	Today	Total
Cycle Chem, Inc. Elizabeth, NJ Hazardous Soil/Fill	No. Loads	0	54
	Quantity (CY)	0	1,080
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	0	215
	Quantity (CY)	0	4,300
Middlesex County Utilities Authority Landfill East Brunswick, NJ Non-Hazardous Soil/Fill	No. Loads	0	1,152
	Quantity (CY)	0	23,040
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	96
	Quantity (CY)	0	1,920

Samples collected

- None.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 μm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.
 - CAMP monitoring was suspended at 2:18pm due to inclement weather. No fugitive dust or odors were observed.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing pile caps.

SITE PHOTOGRAPHS:

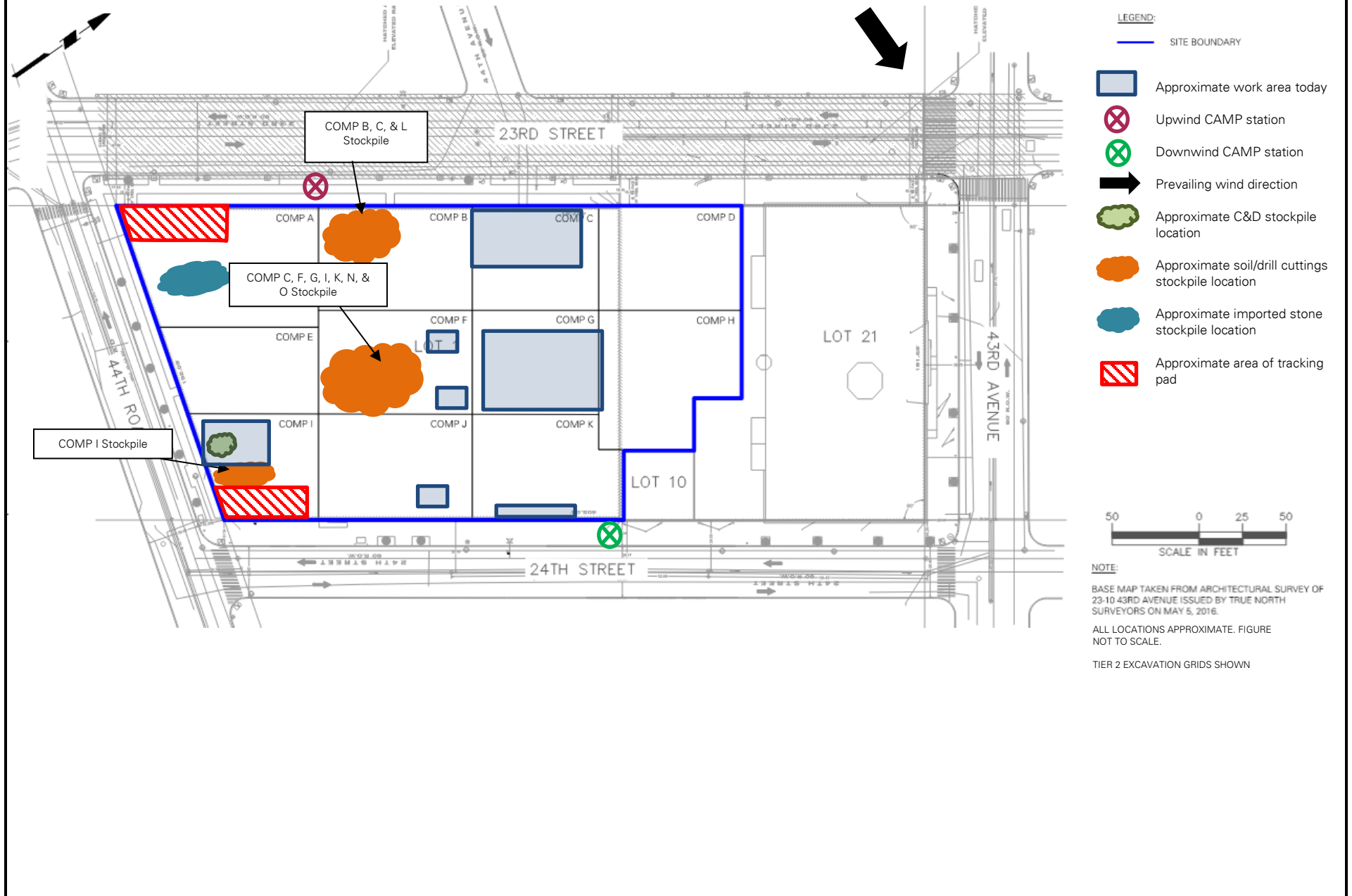


Photo 1: ECD excavating for piping installation in WCG COMP K (facing west).

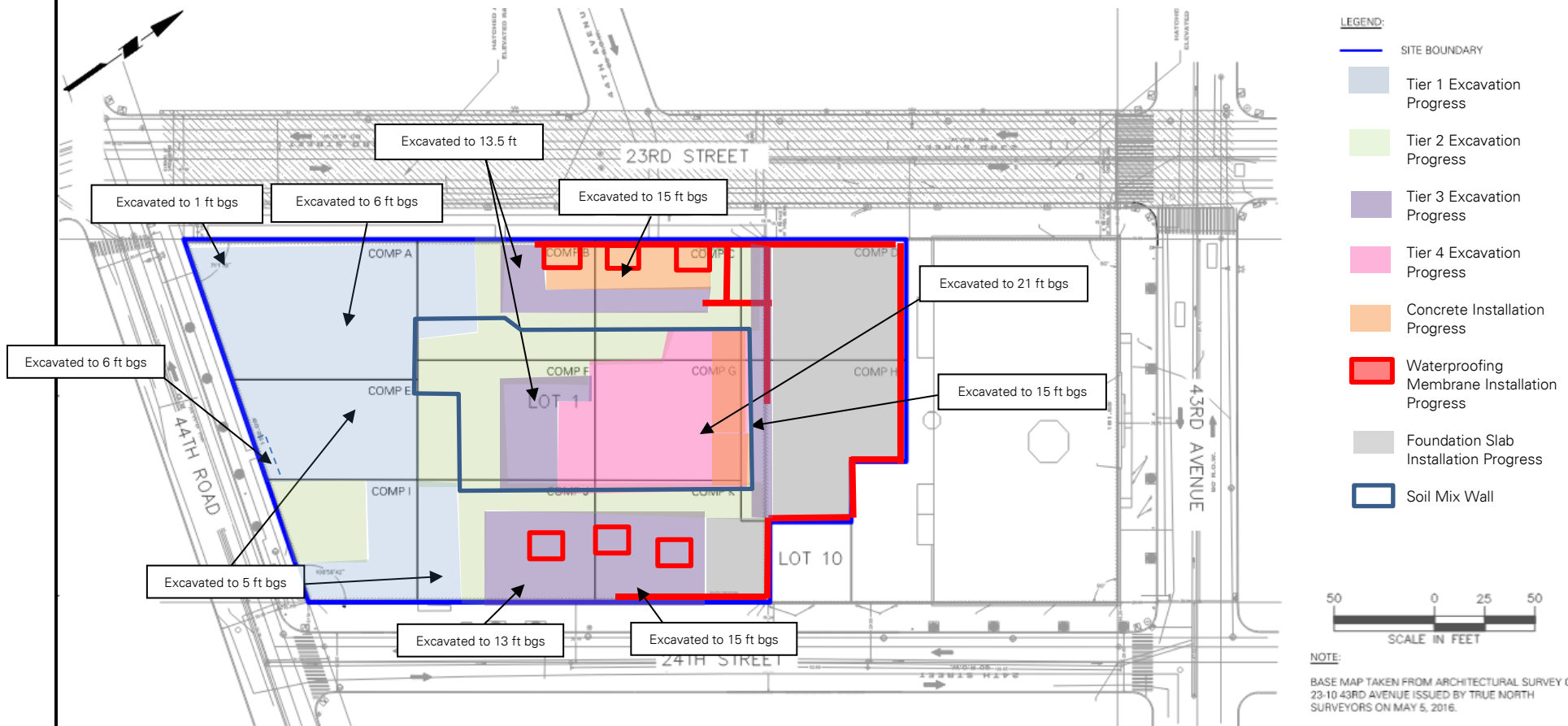


Photo 2: ECD loading previously stockpiled concrete for off-site export (facing northwest).

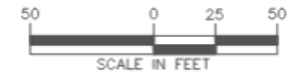
Site Map 1:



Site Map 2:



- LEGEND:**
- SITE BOUNDARY
 - Tier 1 Excavation Progress
 - Tier 2 Excavation Progress
 - Tier 3 Excavation Progress
 - Tier 4 Excavation Progress
 - Concrete Installation Progress
 - Waterproofing Membrane Installation Progress
 - Foundation Slab Installation Progress
 - Soil Mix Wall



NOTE:
 BASE MAP TAKEN FROM ARCHITECTURAL SURVEY OF 23-10 43RD AVENUE ISSUED BY TRUE NORTH SURVEYORS ON MAY 5, 2016.
 ALL LOCATIONS APPROXIMATE. FIGURE NOT TO SCALE.
 TIER 2 EXCAVATION GRIDS SHOWN

LANGAN SITE OBSERVATION REPORT – RAWP Day 182

PROJECT No.: 170362702	CLIENT:	DATE: Saturday, January 7, 2023
PROJECT: 23-15 44 th Road	CP VIII LIC Owner, LLC	WEATHER: Cloudy; 38 - 46 F, Wind: WNW 1.3 – 5.5 mph
LOCATION: Long Island City, New York		TIME: 7:30 a.m. – 3:30 p.m.
BCP SITE ID: C241189		MONITOR: Luis Enriquez-Castro
EQUIPMENT: 2 CAT 355F Excavator 1 CAT 313BC Excavator 1 CAT 304C Excavator 1 Hitachi 135US Excavator 1 Delmag Drill Rig	PRESENT AT SITE: Langan: Luis Enriquez-Castro, Hiral Patel ECD: Justin Brennan Carmel Partners: Craig Goldberg, Angelo Ingrati	
OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.: <p>Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated July 16, 2019, and implemented the Community Air Monitoring Plan (CAMP).</p> <p>Site Activities</p> <ul style="list-style-type: none">• ECD installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane vertically along the soil mix wall in waste characterization grid (WCG) COMP H in the eastern central part of site.• ECD used a Hitachi 135US excavator to excavate an area about 5 feet long by 5 feet wide by 1.5 feet deep (corresponding to 15 feet below former site grade) in WCG COMP H for electrical duct work. Excavated material was temporarily stockpiled adjacent to the work area and replaced upon completion of work.• ECD used a CAT 335 excavator to level caissons in WCGs COMP G and COMP H. Concrete debris material was stockpiled adjacent to the work area.• ECD used a Hitachi 135US excavator to grade an area about 20 feet long by 4 feet wide in WCG COMP C. No excess material was generated from this work.		

Material Tracking

- No material was imported to the site.

Import Summary								
Facility/Material	2"– 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ		Wharton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0	0	0
Total	9	221.94	15	364.88	0	0	2	69.30
DEC Approved Amount	480 Tons*		480 Tons*		480 Tons*		1,600 Tons*	

*Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- No material was exported from the site.

Soil/Fill Export Summary			
Facility	Exported	Today	Total
Cycle Chem, Inc. Elizabeth, NJ Hazardous Soil/Fill	No. Loads	0	54
	Quantity (CY)	0	1,080
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	0	215
	Quantity (CY)	0	4,300
Middlesex County Utilities Authority Landfill East Brunswick, NJ Non-Hazardous Soil/Fill	No. Loads	0	1,152
	Quantity (CY)	0	23,040
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	96
	Quantity (CY)	0	1,920

Samples collected

- None.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 μm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue removing pile caps in the core portion of the site.

SITE PHOTOGRAPHS:



Photo 1: ECD excavating in WCG COMP K (facing south).

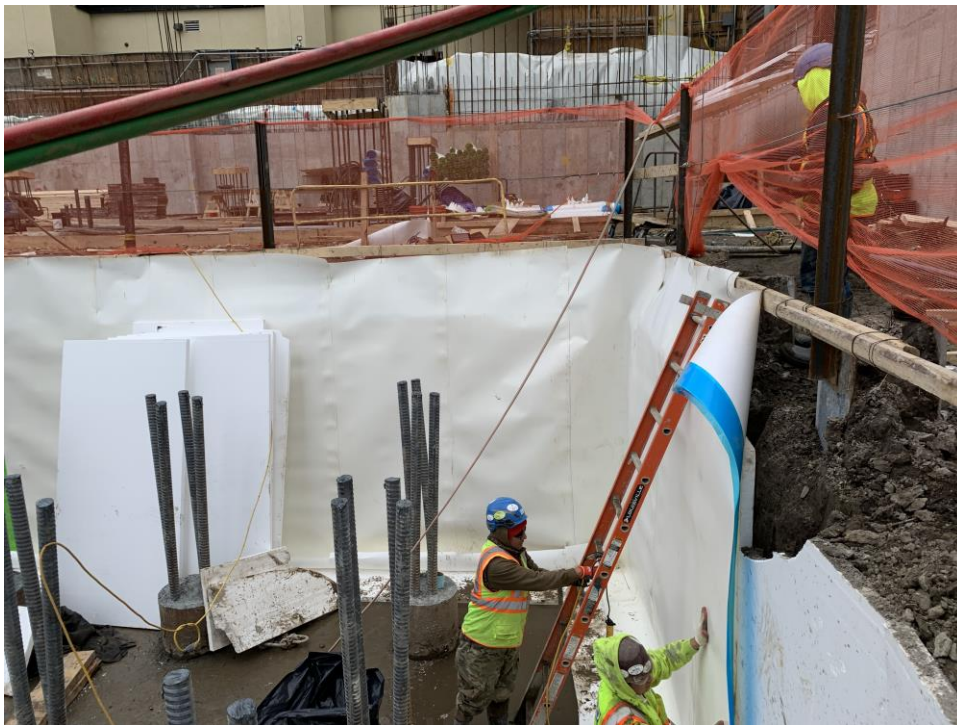
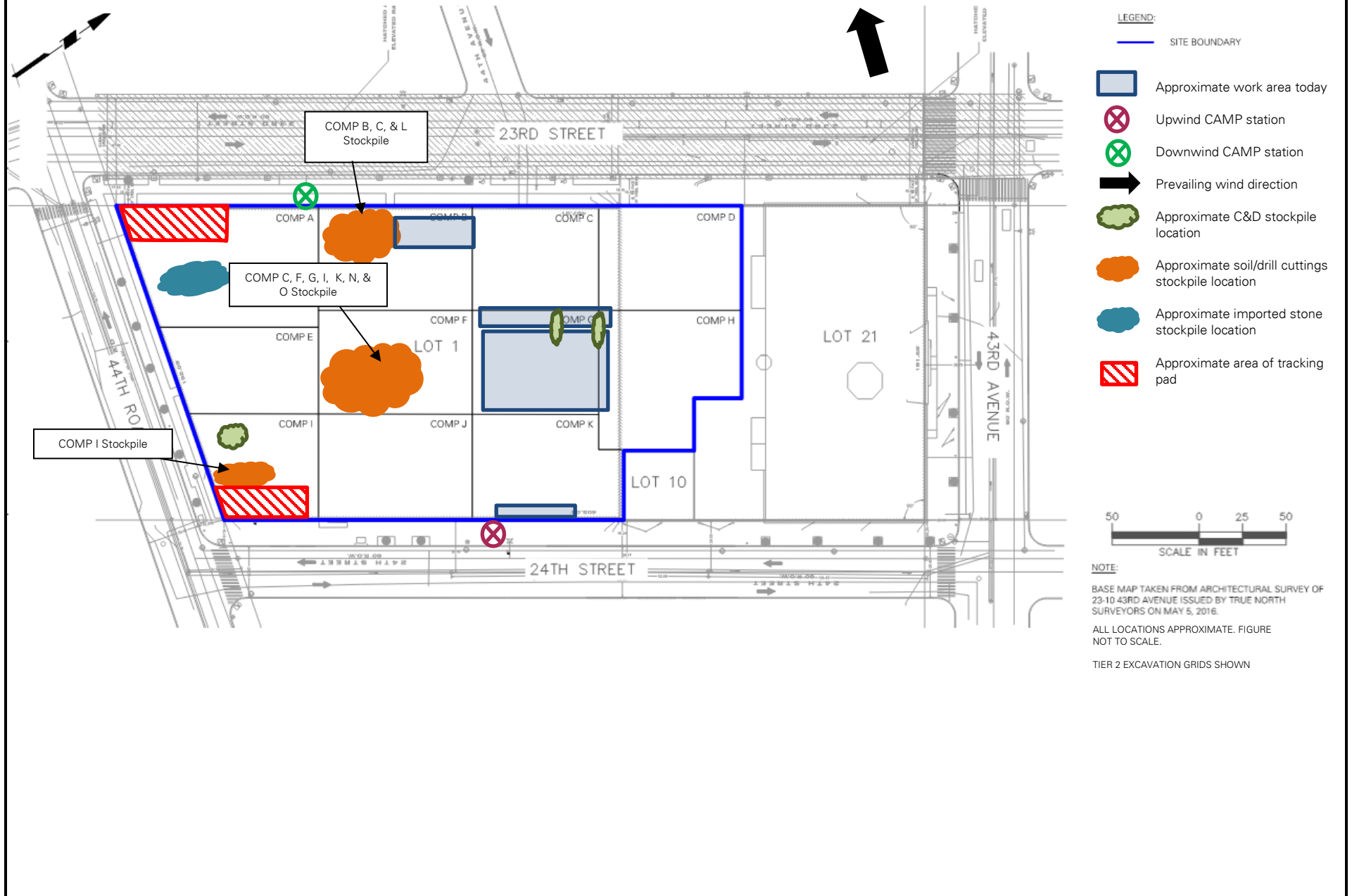
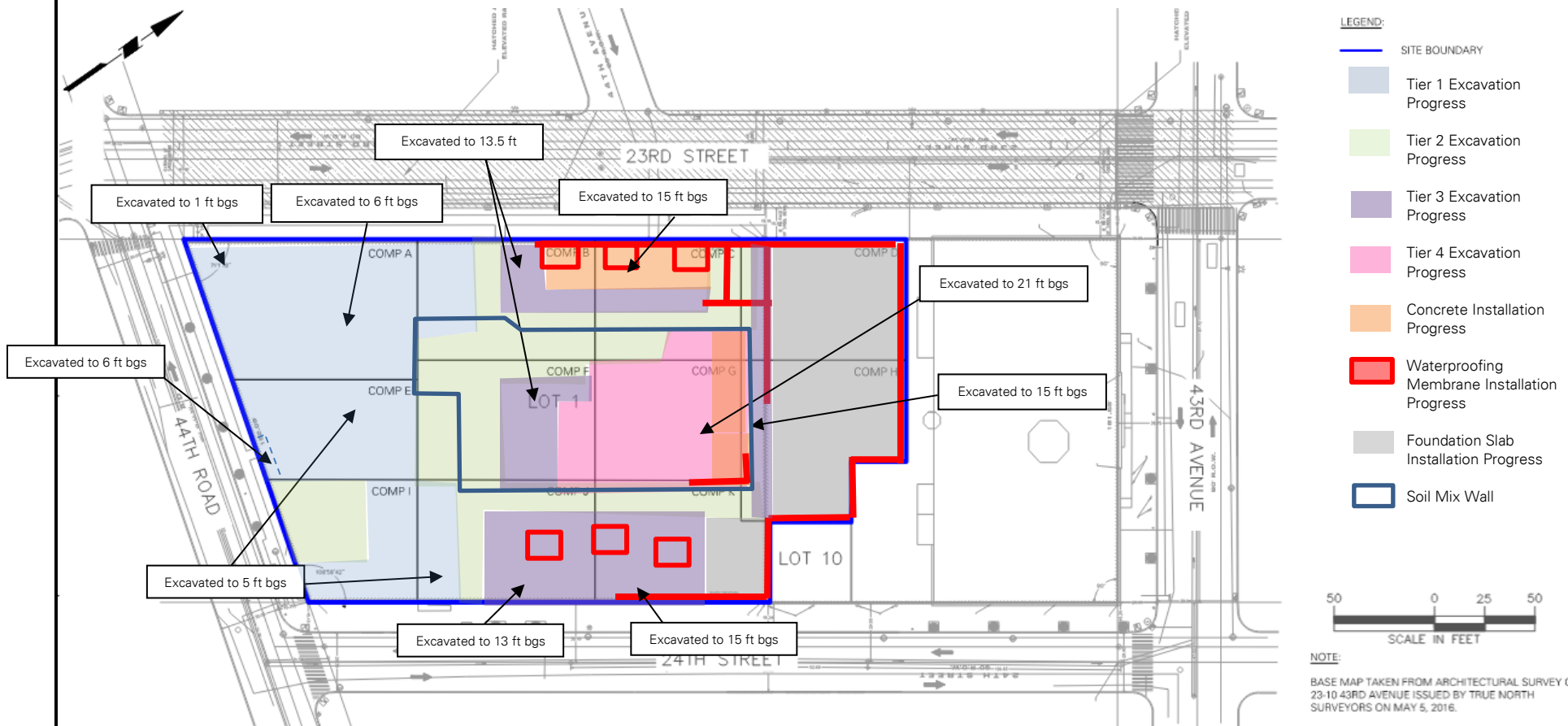


Photo 2: ECD installing waterproofing in WCG COMP H (facing northeast).

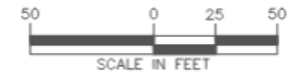
Site Map 1:



Site Map 2:



- LEGEND:**
- SITE BOUNDARY
 - Tier 1 Excavation Progress
 - Tier 2 Excavation Progress
 - Tier 3 Excavation Progress
 - Tier 4 Excavation Progress
 - Concrete Installation Progress
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 - Soil Mix Wall



NOTE:
 BASE MAP TAKEN FROM ARCHITECTURAL SURVEY OF 23-10 43RD AVENUE ISSUED BY TRUE NORTH SURVEYORS ON MAY 5, 2016.
 ALL LOCATIONS APPROXIMATE. FIGURE NOT TO SCALE.
 TIER 2 EXCAVATION GRIDS SHOWN

PROJECT No.: 170362702	CLIENT:	DATE: Monday, January 9, 2023
PROJECT: 23-15 44 th Road	CP VIII LIC Owner, LLC	WEATHER: Partly Cloudy; 37 - 44 F, Wind: NW 0.6 – 6.0 mph
LOCATION: Long Island City, New York		TIME: 6:45 a.m. – 6:30 p.m.
BCP SITE ID: C241189		MONITOR: Ali Reach
EQUIPMENT: 2 CAT 355F Excavator 1 CAT 313BC Excavator 1 CAT 304C Excavator 1 Hitachi 135US Excavator 1 Delmag Drill Rig		PRESENT AT SITE: Langan: Ali Reach, Jared Rogovin ECD: Justin Brennan Carmel Partners: Craig Goldberg, Angelo Ingrati

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated July 16, 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD used a Hitachi 135US excavator to excavate two areas about 7 feet long by 3 feet wide by 1.5 feet deep (corresponding to 16.5 feet below former site grade) in waste characterization grid (WCG) COMP L for utility installation (underground plumbing). Excavated material was temporarily stockpiled adjacent to the work area and replaced upon completion of work.
- ECD used a CAT 335 excavator to grade an area about 20 feet long by 2 feet wide in WCG COMP F. Excess material generated from this work was added to the existing stockpile in WCG F.
- ECD used a Hitachi 135Us excavator to reshape the stockpile in the southwestern part of the site in WCG COMP B.
- ECD used a Hitachi 135Us to grade an area about 50 feet long by 5 feet wide in WCG COMP B and COMP C. Excess material generated from this work was stockpiled in the southeast corner of WCG COMP B.
- ECD used a CAT 335 excavator to grade and reshape the site ramp, an area about 50 feet long by 20 feet wide area in WCG COMP A.
- ECD used a CAT 304C excavator to temporarily backfill an about 20-foot-long by 6-foot-wide area in the southwest-central part of the site to about 12 feet below grade surface (bgs) to support the soil mix wall. Material used for backfill was about 10 cubic yards of previously stockpiled soil/fill from the stockpile in WCG COMP F containing material from WCGs COMP C (12-15)', F (10-15)', G (12-15)', K (10-15)', B(12-15)', N (15-18)' and O (18-21)'. The material will be removed and disposed off-site when the forms have been poured or the formwork has been otherwise supported.
- ECD used a CAT 304C excavator with a hammer attachment to break up remaining concrete in the concrete and debris (C&D) stockpile in WCG COMP I for future export. C&D previously stockpiled in WCG COMP G was relocated to the stockpile in WCG COMP I.
- ECD installed formwork and rebar in the central and western parts of the site.
- ECD poured concrete for formwork and mudslab installation in the northern part of the site.

Material Tracking

- No material was imported to the site.

Import Summary								
Facility/Material	2"– 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ		Wharton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0	0	0
Total	9	221.94	15	364.88	0	0	2	69.30
DEC Approved Amount	480 Tons*		480 Tons*		480 Tons*		1,600 Tons*	

*Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- No material was exported from the site.

Soil/Fill Export Summary			
Facility	Exported	Today	Total
Cycle Chem, Inc. Elizabeth, NJ Hazardous Soil/Fill	No. Loads	0	54
	Quantity (CY)	0	1,080
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	0	215
	Quantity (CY)	0	4,300
Middlesex County Utilities Authority Landfill East Brunswick, NJ Non-Hazardous Soil/Fill	No. Loads	0	1,152
	Quantity (CY)	0	23,040
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	96
	Quantity (CY)	0	1,920

Samples collected

- None.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue levelling caissons in the core portion of the site.
- ECD will import NYSDEC-approved stone for the tracking pad in the southwestern part of the site.

SITE PHOTOGRAPHS:



Photo 1: ECD excavating in WCG COMP L (facing east).



Photo 2: ECD chipping concrete in the C&D stockpile in the southeast part of the site (facing east).

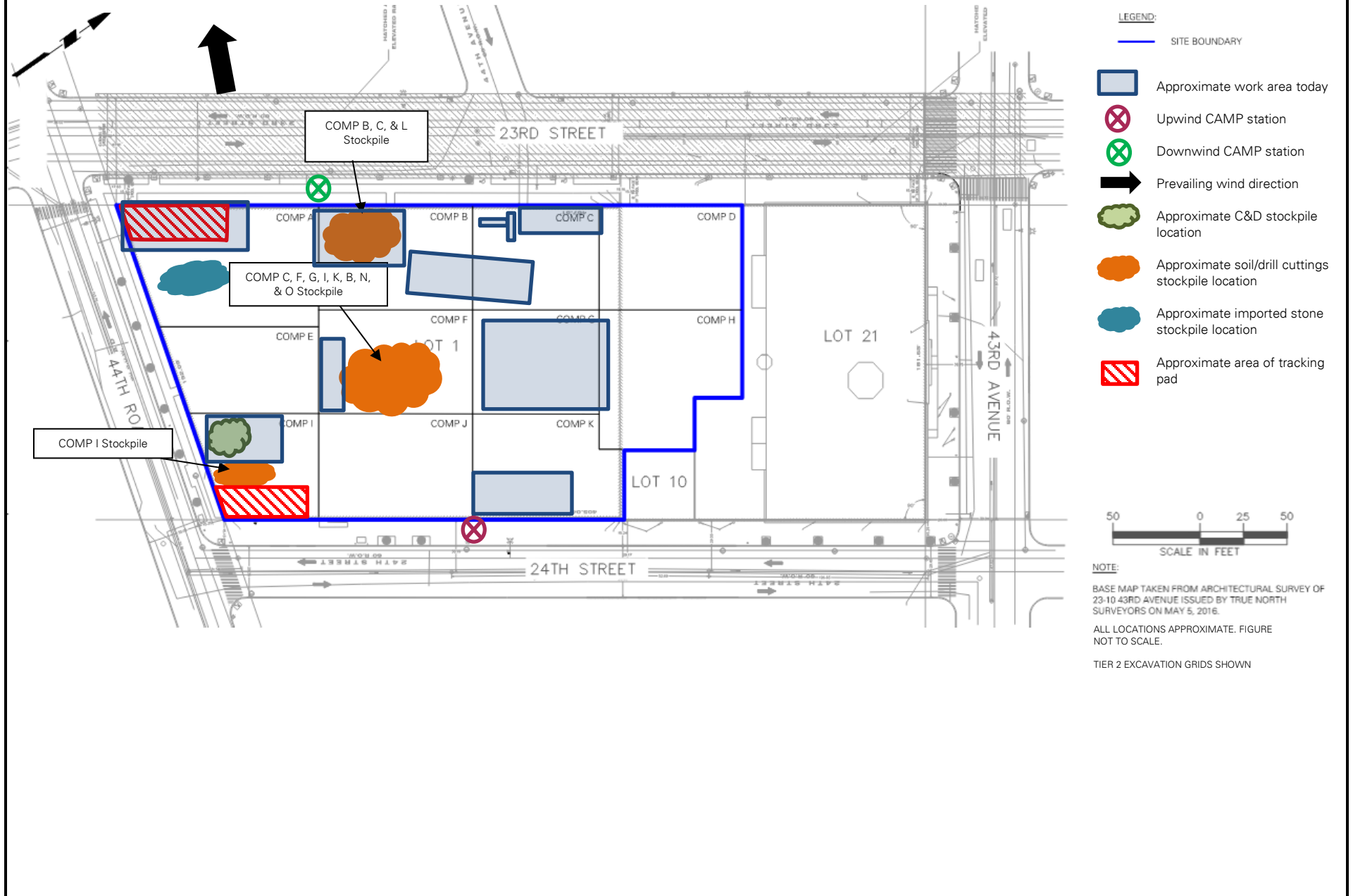


Photo 3: Utility excavation in WCG COMP L (facing north).

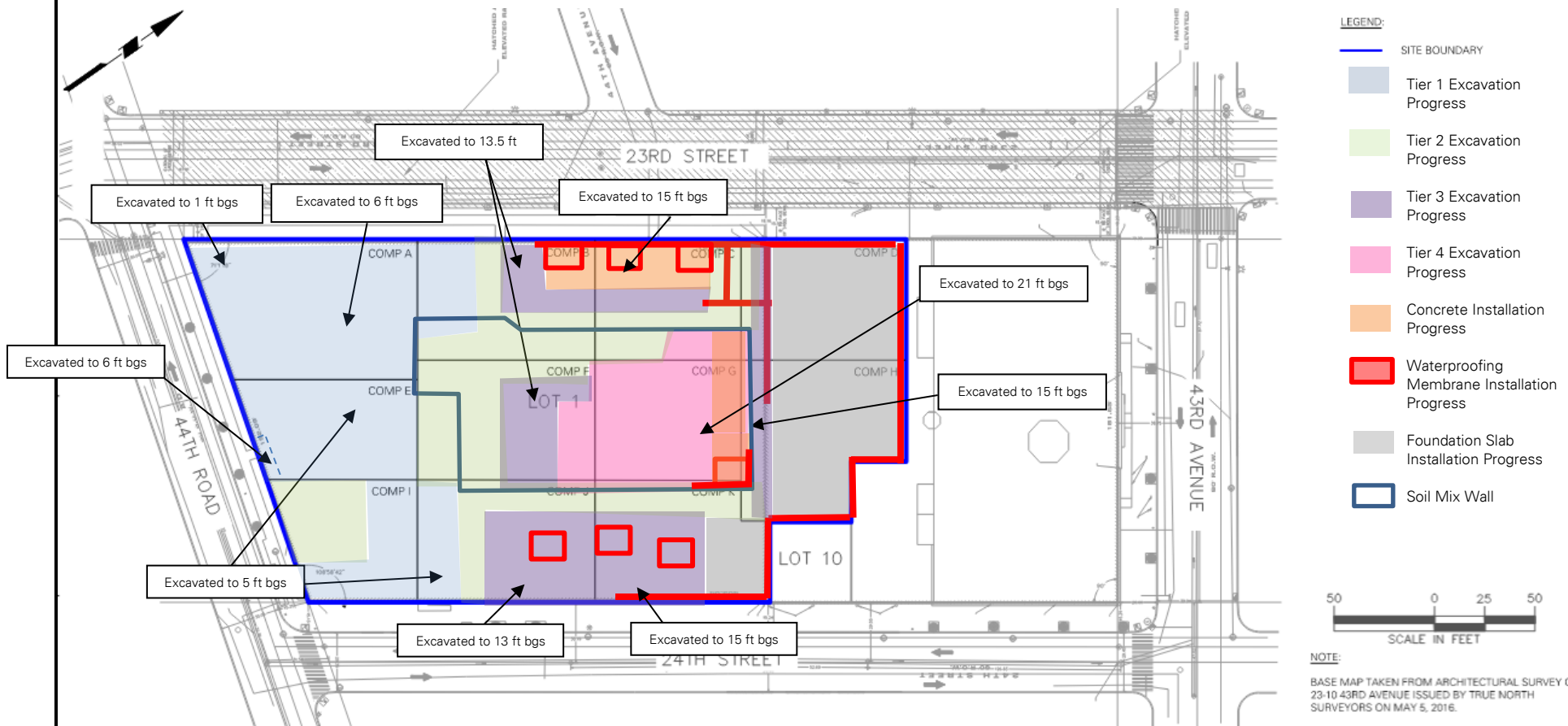


Photo 4: ECD grading in WCGs COMP B and C (facing east).

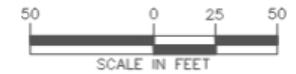
Site Map 1:



Site Map 2:



- LEGEND:**
- SITE BOUNDARY
 - Tier 1 Excavation Progress
 - Tier 2 Excavation Progress
 - Tier 3 Excavation Progress
 - Tier 4 Excavation Progress
 - Concrete Installation Progress
 - Waterproofing Membrane Installation Progress
 - Foundation Slab Installation Progress
 - Soil Mix Wall



NOTE:
 BASE MAP TAKEN FROM ARCHITECTURAL SURVEY OF 23-10 43RD AVENUE ISSUED BY TRUE NORTH SURVEYORS ON MAY 5, 2016.
 ALL LOCATIONS APPROXIMATE. FIGURE NOT TO SCALE.
 TIER 2 EXCAVATION GRIDS SHOWN

LANGAN SITE OBSERVATION REPORT – RAWP Day 184

PROJECT No.: 170362702	CLIENT:	DATE: Tuesday, January 10, 2023
PROJECT: 23-15 44 th Road	CP VIII LIC Owner, LLC	WEATHER: Cloudy; 35 - 43 F, Wind: W 1.6 – 3.9 mph
LOCATION: Long Island City, New York		TIME: 6:30 a.m. – 6:30 p.m.
BCP SITE ID: C241189		MONITOR: Caroline Devin
EQUIPMENT: 2 CAT 355F Excavator 1 CAT 313BC Excavator 1 CAT 304C Excavator 1 Hitachi 135US Excavator 1 Delmag Drill Rig		PRESENT AT SITE: Langan: Caroline Devin, Jared Rogovin ECD: Justin Brennan Carmel Partners: Craig Goldberg, Angelo Ingrati

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated July 16, 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane vertically along the foundation wall in waste characterization grids (WCG) COMP B, C, G and J.
- ECD used a Hitachi 135Us to grade an area about 80 feet long by 25 feet wide in WCGs COMP A and B for the site exit ramp. Excess material generated was added to the existing stockpile in WCG COMP F.
- ECD used a CAT 335 excavator to grade an area about 60 feet long by 30 feet wide area in WCG COMP E and F. No excess material was generated.
- ECD installed formwork and rebar in the central and western parts of the site.
- ECD imported three loads of 2" – 4" Tracking Pad Stone for the site entrance ramp in WCG COMP A.

Material Tracking

- ECD imported three loads (about 75.34 tons) of 2"– 4" Tracking Pad Stone from Braen Stone Aggregates LLC in Franklin, New Jersey.

Import Summary								
Facility/Material	2"– 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ		Wharton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	3	75.34	0	0	0	0
Total	9	221.94	18	440.22	0	0	2	69.30
DEC Approved Amount	480 Tons*		480 Tons*		480 Tons*		1,600 Tons*	

*Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- No material was exported from the site.

Soil/Fill Export Summary			
Facility	Exported	Today	Total
Cycle Chem, Inc. Elizabeth, NJ Hazardous Soil/Fill	No. Loads	0	54
	Quantity (CY)	0	1,080
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	0	215
	Quantity (CY)	0	4,300
Middlesex County Utilities Authority Landfill East Brunswick, NJ Non-Hazardous Soil/Fill	No. Loads	0	1,152
	Quantity (CY)	0	23,040
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	96
	Quantity (CY)	0	1,920

Samples collected

- None.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 μm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue levelling caissons in the core portion of the site.
- ECD will import NYSDEC-approved stone for the tracking pad in the southwestern part of the site.

SITE PHOTOGRAPHS:

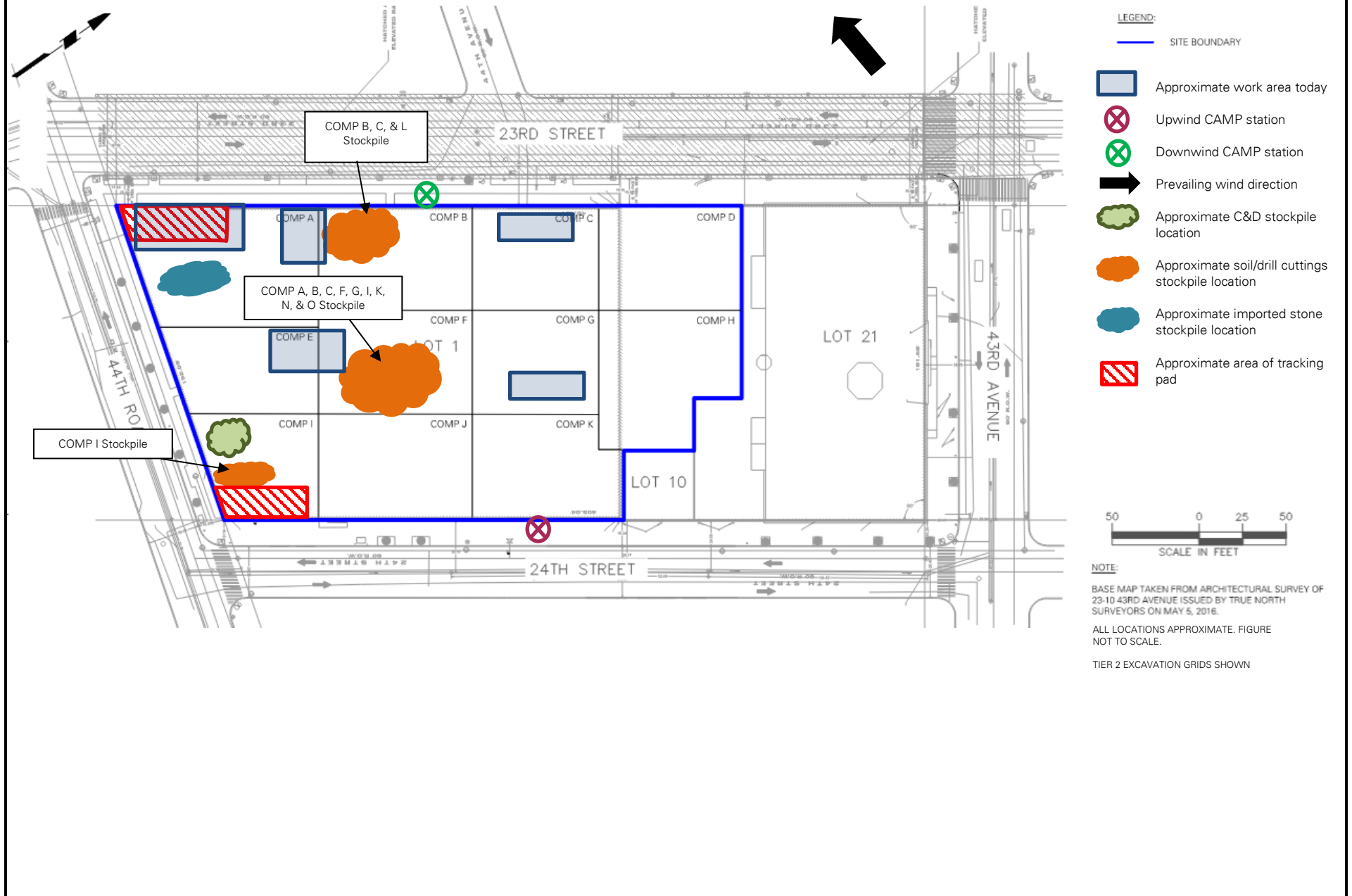


Photo 1: ECD grading in WCG COMP B (facing northeast).

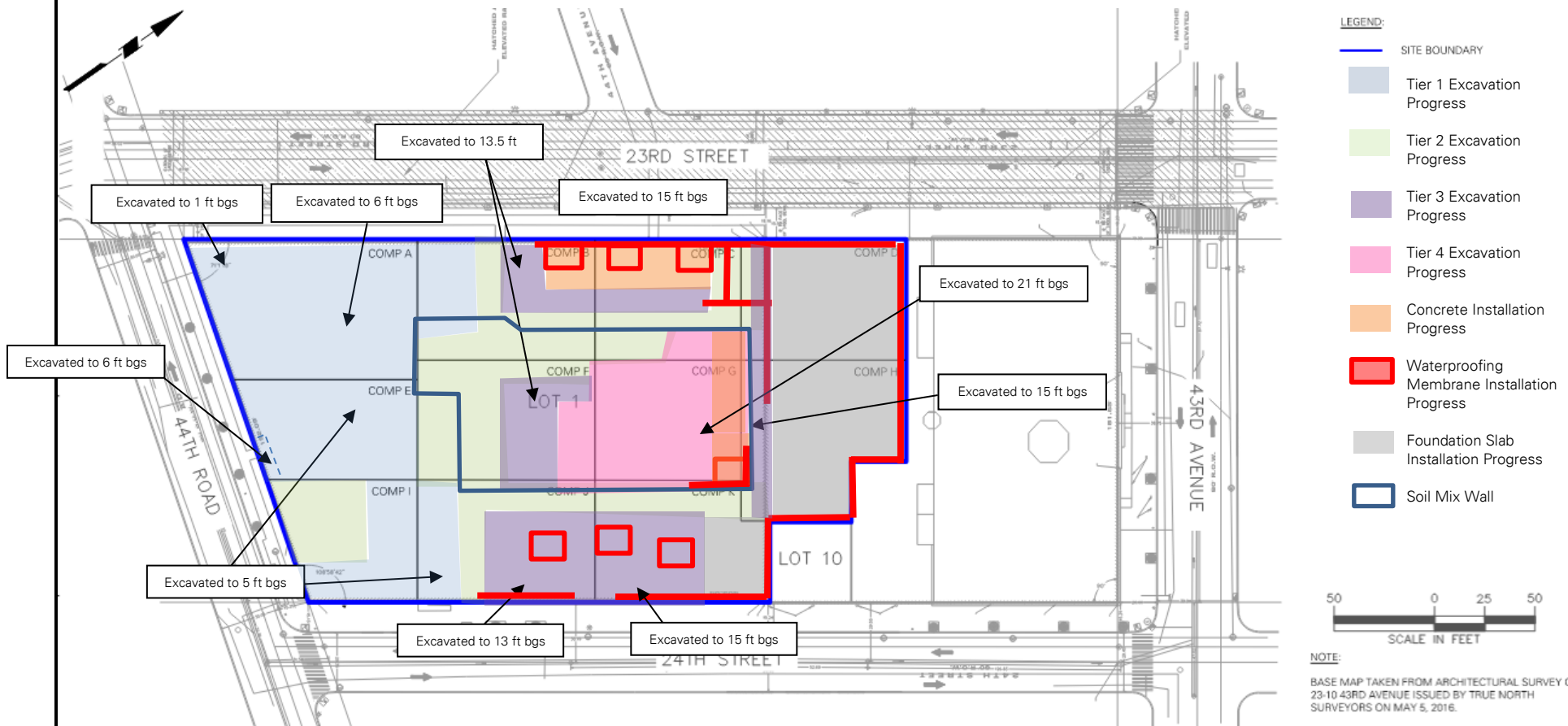


Photo 2: ECD importing stone for backfill on the site exit ramp in WCG COMP A (facing north).

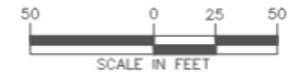
Site Map 1:



Site Map 2:



- LEGEND:**
- SITE BOUNDARY
 - Tier 1 Excavation Progress
 - Tier 2 Excavation Progress
 - Tier 3 Excavation Progress
 - Tier 4 Excavation Progress
 - Concrete Installation Progress
 - Waterproofing Membrane Installation Progress
 - Foundation Slab Installation Progress
 - Soil Mix Wall



NOTE:
 BASE MAP TAKEN FROM ARCHITECTURAL SURVEY OF 23-10 43RD AVENUE ISSUED BY TRUE NORTH SURVEYORS ON MAY 5, 2016.
 ALL LOCATIONS APPROXIMATE. FIGURE NOT TO SCALE.
 TIER 2 EXCAVATION GRIDS SHOWN

PROJECT No.: 170362702	CLIENT:	DATE: Wednesday, January 11, 2023
PROJECT: 23-15 44 th Road	CP VIII LIC Owner, LLC	WEATHER: Partly Cloudy; 32 - 39 F, Wind: NE 2.2 – 3.8 mph
LOCATION: Long Island City, New York		TIME: 6:45 a.m. – 5:45 p.m.
BCP SITE ID: C241189		MONITOR: Ali Reach
EQUIPMENT: 2 CAT 355F Excavator 1 CAT 313BC Excavator 1 CAT 304C Excavator 1 Hitachi 135US Excavator 1 Delmag Drill Rig	PRESENT AT SITE: Langan: Ali Reach, Jared Rogovin ECD: Justin Brennan Carmel Partners: Craig Goldberg, Angelo Ingrati	

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated July 16, 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD used a Hitachi ZX135US to excavate an area about 30 feet long by 2.5 feet wide by 2 feet deep (corresponding to 15 feet below former site grade) in waste characterization grid (WCG) COMP J. Excavated material was added to the existing stockpile on WCG COMP F.
- ECD used a Hitachi ZX135US to excavate an area about 12 feet long by 5 feet wide by 5 feet deep (corresponding to 17 feet below former site grade) in WCG COMP J. Excavated material was added to the existing stockpile on WCG COMP F.
- ECD used a Hitachi ZX135US to excavate an area about 30 feet long by 30 feet wide by 1 feet deep (corresponding to 13 feet below former site grade) in WCG COMP J. Excavated material was added to the existing stockpile on WCG COMP F.
- ECD used a CAT 355F excavator to load trucks with a portion of the previously stockpiled soil/fill in WCGs COMP F for offsite disposal to Middlesex County Utilities Authority Landfill (MCUA), in East Brunswick, NJ. Stockpiled material consisted of soil/fill from WCGs COMP A, B, C, F, G, I, J, K, N, and O.
- ECD imported 7 truckloads of ASTM #57 Stone from Tilcon New York – Mt. Hope.
- ECD used a CAT 355F excavator and Hitachi 135Us excavator to place newly imported ASTM #57 Stone as backfill to support the soil mix wall in the western part of the site.
- ECD leveled caissons and removed debris in the central part of the site.
- ECD installed formwork and rebar in the central and western parts of the site.
- ECD installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane vertically along the soil mix wall in WCGs COMP K and J.
- ECD poured concrete for mudslab installation in the eastern part of the site.

Material Tracking

- ECD imported 7 truckloads (approximately 176.37 tons) of ASTM #57 stone from Tilcon New York – Mt. Hope Quarry located in Wharton, New Jersey.

Import Summary								
Facility/Material	2"– 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ		Wharton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0	7	176.37
Total	9	221.94	18	440.22	0	0	9	245.67
DEC Approved Amount	480 Tons*		480 Tons*		480 Tons*		1,600 Tons*	

*Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- ECD exported 10 loads (200 CY) of non-hazardous soil/fill to MCUA from the following waste characterization grids:
 - COMP A (5-10)', B (12-15)', C (12-15)', F (10-15)', G (12-15)', I (5-10)', J (10-15)', K (10-15)', N (15-18)' and O (18-21)'.

Soil/Fill Export Summary			
Facility	Exported	Today	Total
Cycle Chem, Inc. Elizabeth, NJ Hazardous Soil/Fill	No. Loads	0	54
	Quantity (CY)	0	1,080
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	0	215
	Quantity (CY)	0	4,300
Middlesex County Utilities Authority Landfill East Brunswick, NJ Non-Hazardous Soil/Fill	No. Loads	10	1,162
	Quantity (CY)	200	23,240
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	96
	Quantity (CY)	0	1,920

Samples collected

- None.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP except for the instance noted below. Fugitive dust or odors associated with intrusive activities were not observed.
 - Particulate concentrations from the downwind station exceeded action levels between 8:40am and 8:53am due to sweeping/clean-up activities directly adjacent to the station. The exceedance was not related to ground intrusive activity and levels returned to normal once sweeping ceased.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue levelling caissons in the core portion of the site.
- ECD will drill soldier piles for the Con Edison vault.

SITE PHOTOGRAPHS:

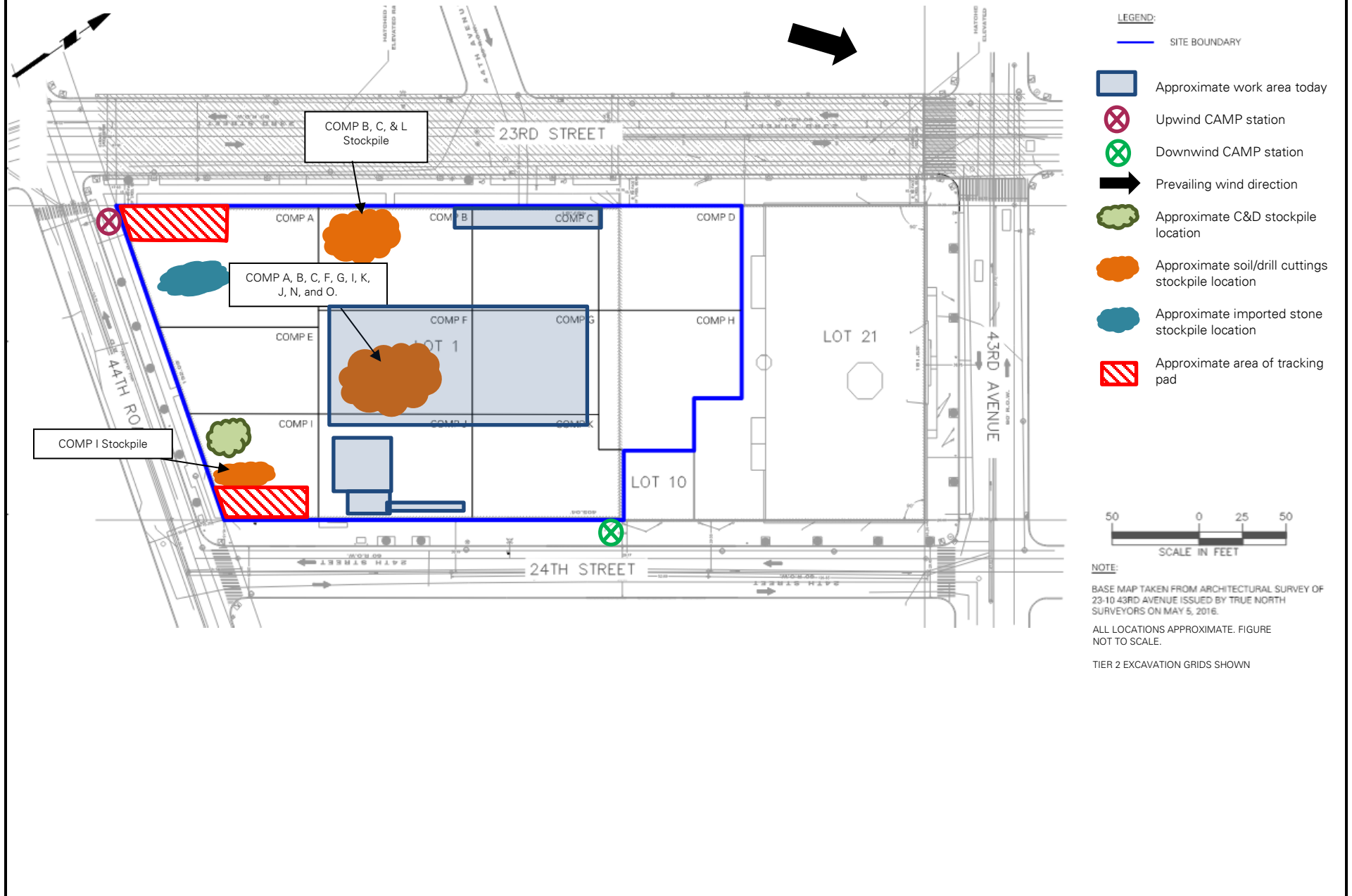


Photo 1: ECD excavating in WCG COMP J (facing south).

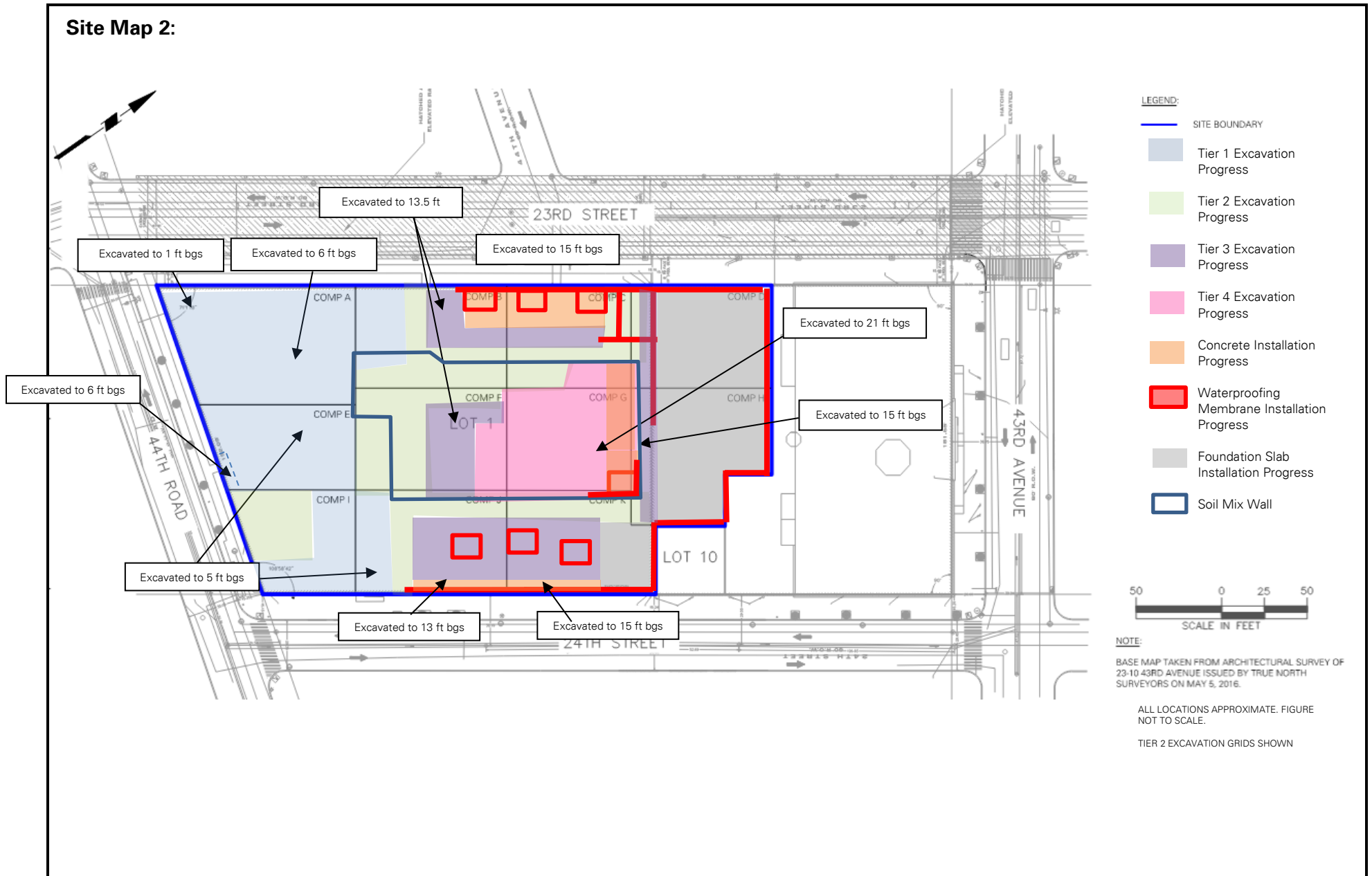


Photo 2: ECD loading trucks with previously stockpiled soil for off-site export (facing northwest).

Site Map 1:



Site Map 2:



PROJECT No.: 170362702	CLIENT:	DATE: Thursday, January 12, 2023
PROJECT: 23-15 44 th Road	CP VIII LIC Owner, LLC	WEATHER: Rain/Cloudy; 43 - 48 F, Wind: E 2.8 – 3.3 mph
LOCATION: Long Island City, New York		TIME: 7:00 a.m. – 4:30 p.m.
BCP SITE ID: C241189		MONITOR: Jared Rogovin
EQUIPMENT: 2 CAT 355F Excavator 1 CAT 313BC Excavator 1 CAT 304C Excavator 1 Hitachi 135US Excavator 1 Delmag Drill Rig	PRESENT AT SITE: Langan: Jared Rogovin ECD: Justin Brennan Carmel Partners: Craig Goldberg, Angelo Ingrati	

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated July 16, 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD leveled caissons and removed debris in the central part of the site.
- ECD installed formwork and rebar in the central and western parts of the site.
- ECD installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane vertically along the soil mix wall in waste characterization grid (WCG) COMP N.
- ECD poured concrete for mudslab installation in the central part of the site and for foundation wall installation in the western part of the site.
- ECD removed concrete sidewalk off-site to the east of the site for Con Edison vault installation.
- ECD imported 4 truckloads of ASTM #57 stone from Tilcon New York – Mt. Hope Quarry located in Wharton, New Jersey. Stone was stockpiled in WCH COMP B.

Material Tracking

- ECD imported 4 truckloads (approximately 100.05 tons) of ASTM #57 stone from Tilcon New York – Mt. Hope Quarry located in Wharton, New Jersey.

Import Summary								
Facility/Material	2" – 4" Tracking Pad Stone		2" – 4" Tracking Pad Stone		2" – 4" Tracking Pad Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ		Wharton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0	4	100.05
Total	9	221.94	18	440.22	0	0	13	345.72
DEC Approved Amount	480 Tons*		480 Tons*		480 Tons*		1,600 Tons*	

*Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- No material was exported from site.

Soil/Fill Export Summary			
Facility	Exported	Today	Total
Cycle Chem, Inc. Elizabeth, NJ Hazardous Soil/Fill	No. Loads	0	54
	Quantity (CY)	0	1,080
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	0	215
	Quantity (CY)	0	4,300
Middlesex County Utilities Authority Landfill East Brunswick, NJ Non-Hazardous Soil/Fill	No. Loads	0	1,162
	Quantity (CY)	0	23,240
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	96
	Quantity (CY)	0	1,920

Samples collected

- None.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 μm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.
 - Air monitoring was started at 11:56am and stopped at 3:56pm due to inclement weather.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue levelling caissons in the core portion of the site.
- ECD will drill soldier piles for the Con Edison vault.

SITE PHOTOGRAPHS:

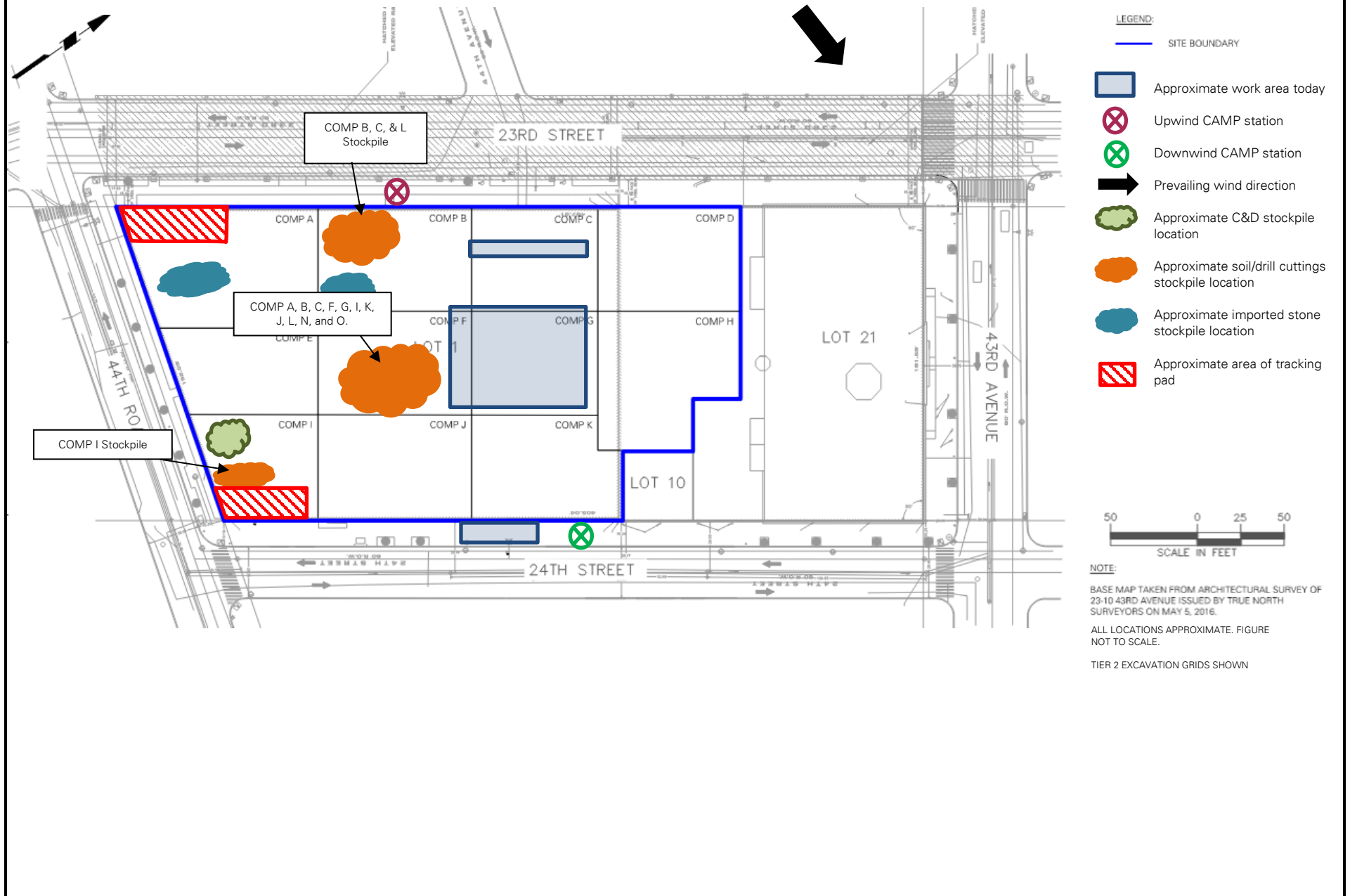


Photo 1: ECD excavating concrete off-site to the east of the site (facing southwest).

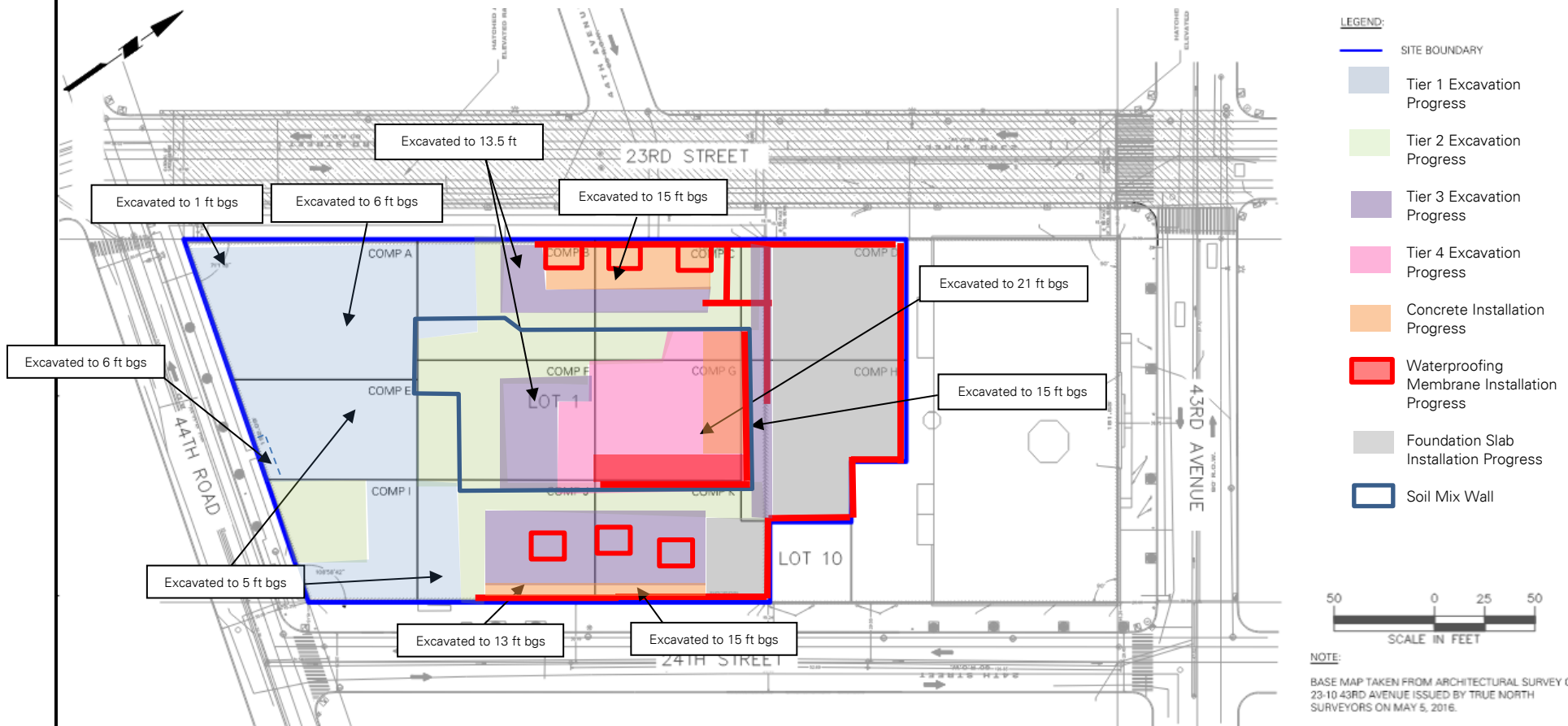


Photo 2: ECD installing waterproofing in the central part of the site (facing northeast).

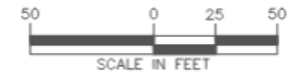
Site Map 1:



Site Map 2:



- LEGEND:**
- SITE BOUNDARY
 - Tier 1 Excavation Progress
 - Tier 2 Excavation Progress
 - Tier 3 Excavation Progress
 - Tier 4 Excavation Progress
 - Concrete Installation Progress
 - Waterproofing Membrane Installation Progress
 - Foundation Slab Installation Progress
 - Soil Mix Wall



NOTE:
 BASE MAP TAKEN FROM ARCHITECTURAL SURVEY OF 23-10 43RD AVENUE ISSUED BY TRUE NORTH SURVEYORS ON MAY 5, 2016.
 ALL LOCATIONS APPROXIMATE. FIGURE NOT TO SCALE.
 TIER 2 EXCAVATION GRIDS SHOWN

PROJECT No.: 170362702	CLIENT: CP VIII LIC Owner, LLC	DATE: Friday, January 13, 2023
PROJECT: 23-15 44 th Road		WEATHER: Rain/Cloudy; 40 - 53 F, Wind: NW 5.0 – 6.0 mph
LOCATION: Long Island City, New York		TIME: 6:30 a.m. – 7:00 p.m.
BCP SITE ID: C241189		MONITOR: Caroline Devin
EQUIPMENT: 2 CAT 355F Excavator 1 CAT 313BC Excavator 1 CAT 304C Excavator 1 Hitachi 135US Excavator		PRESENT AT SITE: Langan: Caroline Devin, Jared Rogovin ECD: Justin Brennan Carmel Partners: Craig Goldberg, Angelo Ingrati

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated July 16, 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane vertically and horizontally along the soil mix wall in waste characterization grid (WCG) COMP N.
- ECD exported 5 truckloads of soil from the soil stockpile in WCG COMP F to the Middlesex County Utilities Authority (MCUA) Landfill located in East Brunswick, NJ. All material from the stockpile was exported from the site.
- ECD mobilized an MC1200P drill rig and drilled one pile to about 40 feet below grade surface (bgs) for support of excavation (SOE) of the off-site Con Edison vault on the eastern perimeter sidewalk.
- ECD used a CAT355F excavator to excavate an area about 22 feet long by 6 feet wide by 5 feet deep (corresponding to 17 feet below former site grade) in WCGs COMP C, D and L. Excavated material was added to a new stockpile in WCG COMP F.
- ECD used a CAT355F excavator to grade an area about 30 feet long by 15 feet wide in WCGs COMP A and B. Generated material was added to the stockpile in WCG COMP F.
- ECD used a CAT355F excavator to backfill an area about 25 feet long by 10 feet wide with previously imported 0.75-inch ASTM #57 stone in WCGs COMP C, G and N.
- ECD leveled caissons and removed debris in the central part of the site.
- ECD installed formwork and rebar in the central and western parts of the site.

Material Tracking

- No material was imported to the site.

Import Summary								
Facility/Material	2"– 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ		Wharton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0	0	0
Total	9	221.94	18	440.22	0	0	13	345.72
DEC Approved Amount	480 Tons*		480 Tons*		480 Tons*		1,600 Tons*	

*Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- ECD exported 5 loads (100 CY) of non-hazardous soil/fill to MCUA from the following waste characterization grids:
 - A (5-10)', COMP B (12-15)', COMP C (12-15)', COMP I (5-10)', COMP F (12-15)', COMP G (12-15)', COMP J (10-15)', COMP K (10-15)', COMP L (15-27)', COMP N (15 - 18)' and COMP O (18-21)'

Soil/Fill Export Summary			
Facility	Exported	Today	Total
Cycle Chem, Inc. Elizabeth, NJ Hazardous Soil/Fill	No. Loads	0	54
	Quantity (CY)	0	1,080
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	0	215
	Quantity (CY)	0	4,300
Middlesex County Utilities Authority Landfill East Brunswick, NJ Non-Hazardous Soil/Fill	No. Loads	5	1,167
	Quantity (CY)	100	23,340
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	96
	Quantity (CY)	0	1,920

Samples collected

- None.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.
 - Air monitoring was not started until 1:15pm due to inclement weather.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue levelling caissons in the core portion of the site.
- ECD will drill soldier piles for the Con Edison vault.

SITE PHOTOGRAPHS:



Photo 1: ECD excavating on the western side of the site (facing southwest).



Photo 2: ECD loading non-hazardous soil/fill into trucks for offsite disposal (facing northwest).

SITE PHOTOGRAPHS CONT.



Photo 3: ECD grading material in the southern part of the site (facing northeast).

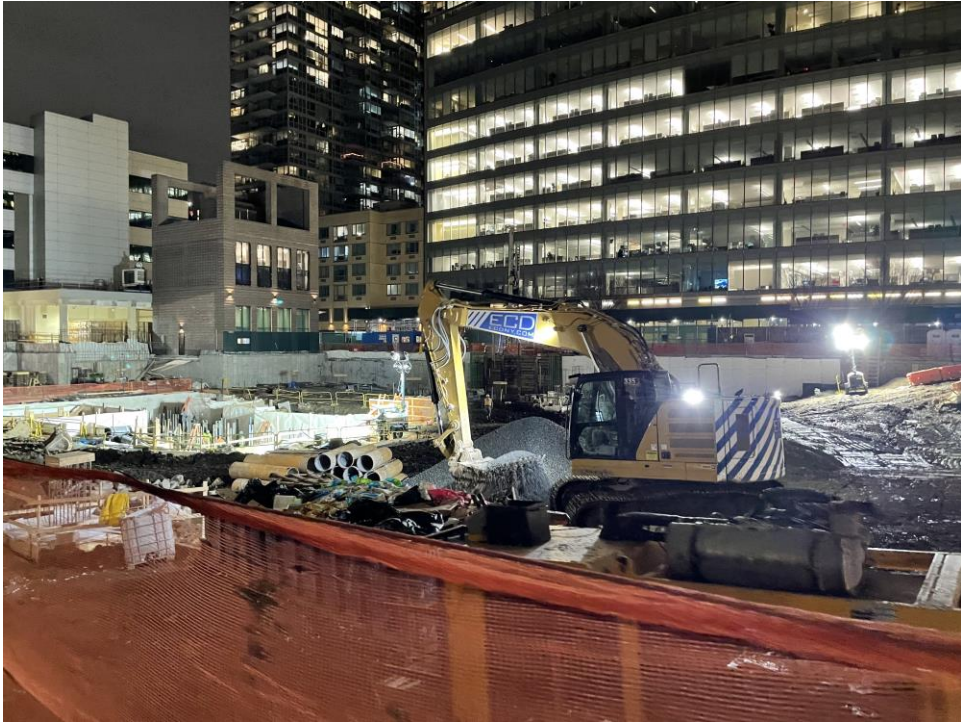
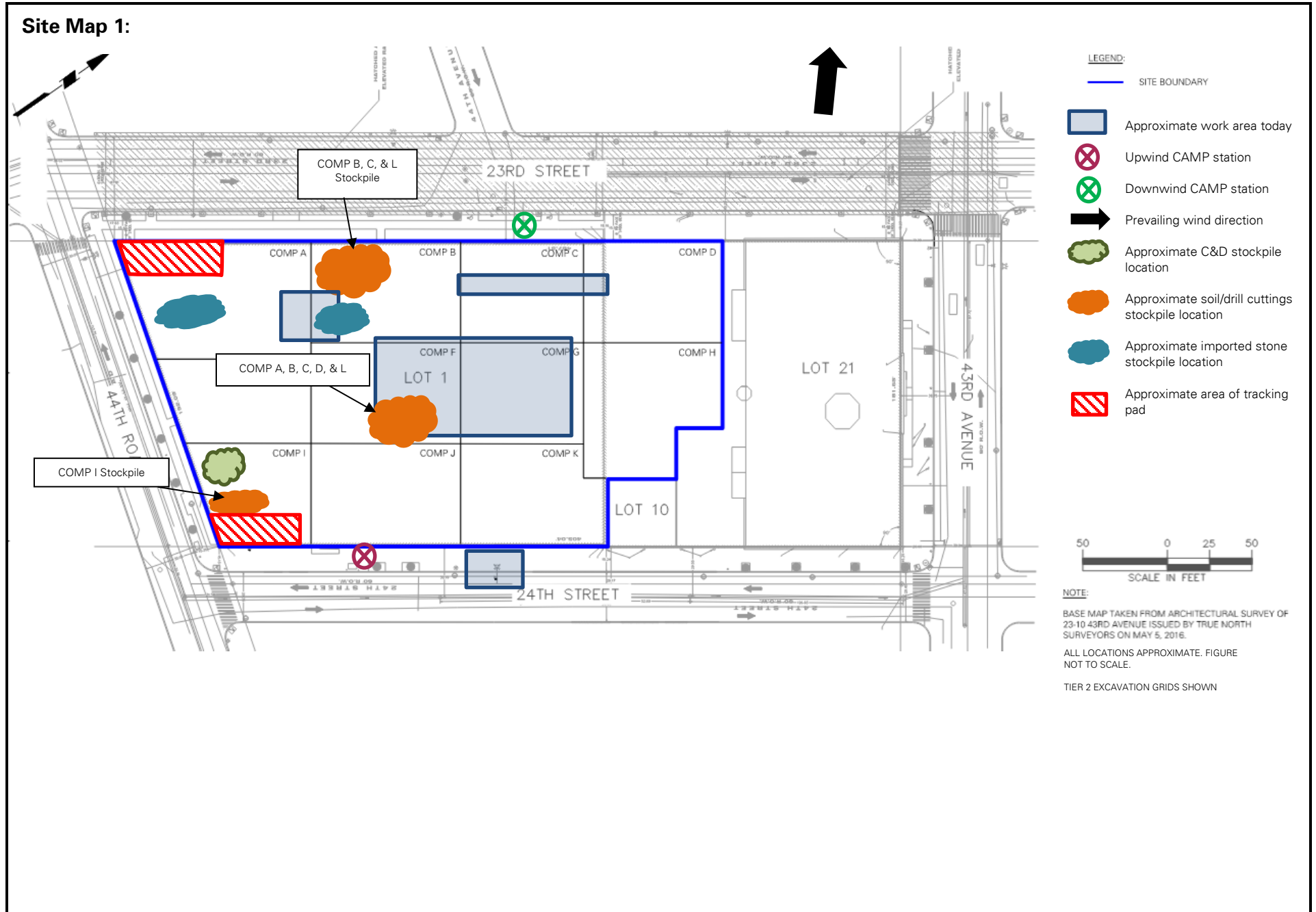
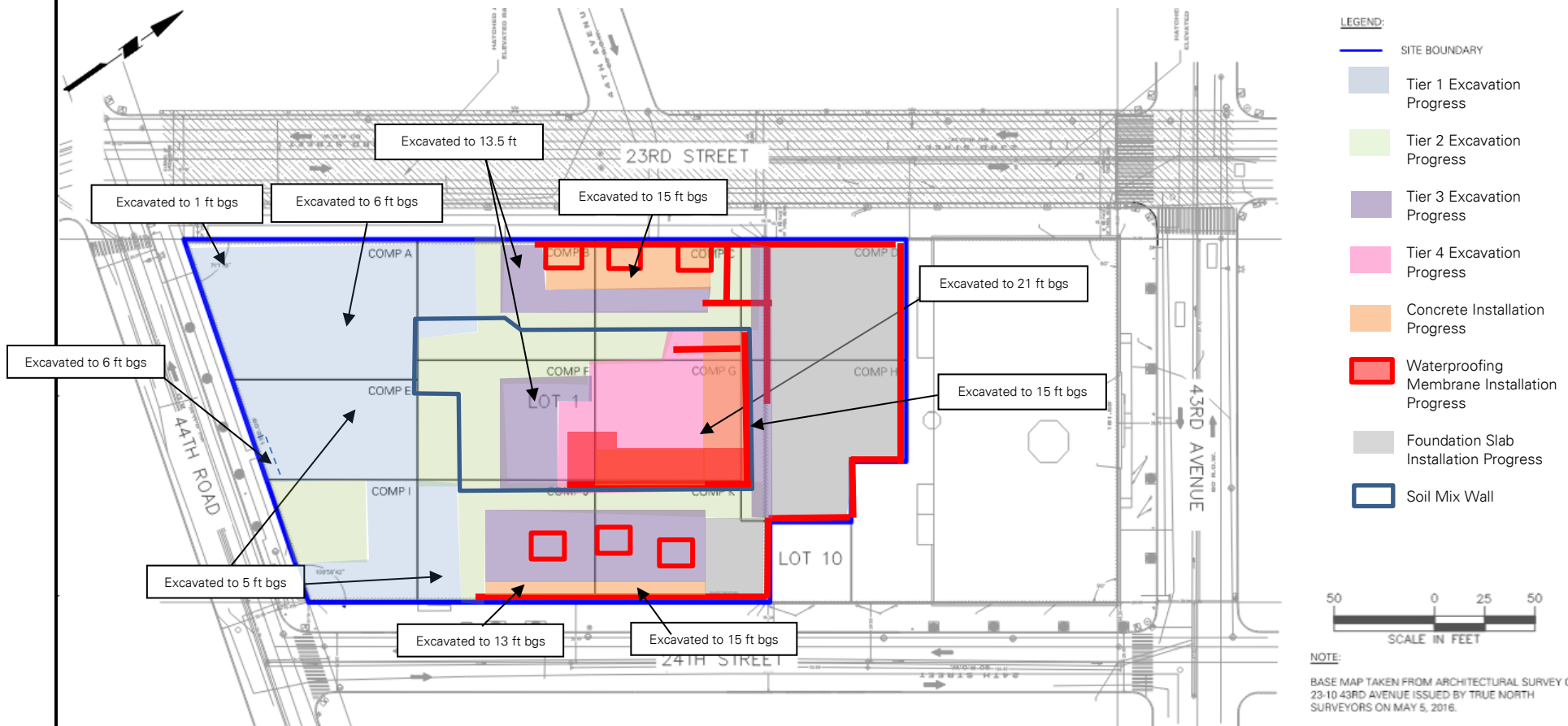


Photo 4: ECD backfilling 0.75-inch stone in the southwestern part of the site (facing northeast).

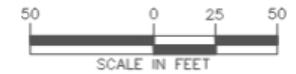
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Site Map 2:



- LEGEND:**
- SITE BOUNDARY
 - Tier 1 Excavation Progress
 - Tier 2 Excavation Progress
 - Tier 3 Excavation Progress
 - Tier 4 Excavation Progress
 - Concrete Installation Progress
 - Waterproofing Membrane Installation Progress
 - Foundation Slab Installation Progress
 - Soil Mix Wall



NOTE:
 BASE MAP TAKEN FROM ARCHITECTURAL SURVEY OF 23-10 43RD AVENUE ISSUED BY TRUE NORTH SURVEYORS ON MAY 5, 2016.
 ALL LOCATIONS APPROXIMATE. FIGURE NOT TO SCALE.
 TIER 2 EXCAVATION GRIDS SHOWN

LANGAN SITE OBSERVATION REPORT – RAWP Day 188

PROJECT No.: 170362702	CLIENT:	DATE: Saturday, January 14, 2023
PROJECT: 23-15 44 th Road	CP VIII LIC Owner, LLC	WEATHER: Overcast; 32 - 36 F, Wind: N 6.0 – 7.2 mph
LOCATION: Long Island City, New York		TIME: 7:30 a.m. – 2:30 p.m.
BCP SITE ID: C241189		MONITOR: Caroline Devin
EQUIPMENT: 2 CAT 355F Excavator 1 CAT 313BC Excavator 1 CAT 304C Excavator 1 Hitachi 135US Excavator	PRESENT AT SITE: Langan: Caroline Devin, Rodrigo Santoyo ECD: Justin Brennan Carmel Partners: Craig Goldberg, Angelo Ingrati	

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated July 16, 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane vertically and horizontally along the soil mix wall in waste characterization grid (WCG) COMP N.
- ECD used a CAT355F excavator to excavate an area about 18 feet long by 6 feet wide by 5 feet deep (corresponding to 17 feet below former site grade) in WCGs COMP C and L for utility installation. Excavated material was added to the existing stockpile in WCG COMP F.
- ECD installed formwork and rebar in the central and western parts of the site.

Material Tracking

- No material was imported to the site.

Import Summary								
Facility/Material	2"– 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ		Wharton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0	0	0
Total	9	221.94	18	440.22	0	0	13	345.72
DEC Approved Amount	480 Tons*		480 Tons*		480 Tons*		1,600 Tons*	

*Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- No material was exported from the site.

Soil/Fill Export Summary			
Facility	Exported	Today	Total
Cycle Chem, Inc. Elizabeth, NJ Hazardous Soil/Fill	No. Loads	0	54
	Quantity (CY)	0	1,080
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	0	215
	Quantity (CY)	0	4,300
Middlesex County Utilities Authority Landfill East Brunswick, NJ Non-Hazardous Soil/Fill	No. Loads	0	1,167
	Quantity (CY)	0	23,340
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	96
	Quantity (CY)	0	1,920

Samples collected

- None.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 μm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will drill soldier piles for the Con Edison vault.

SITE PHOTOGRAPHS:

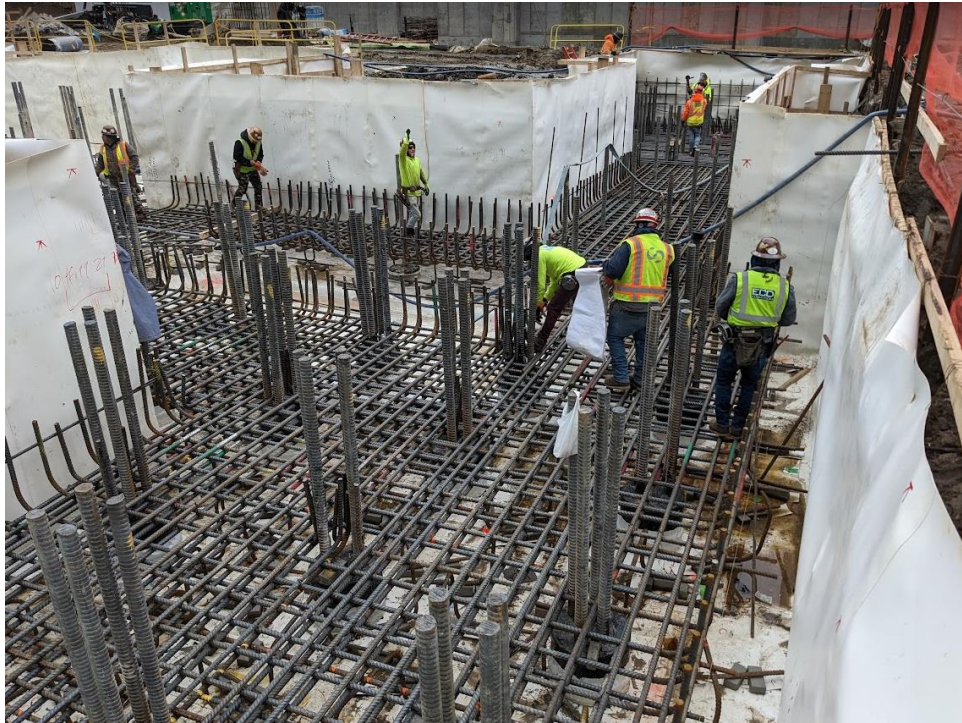


Photo 1: ECD installing rebar in the central part of the site (facing west).

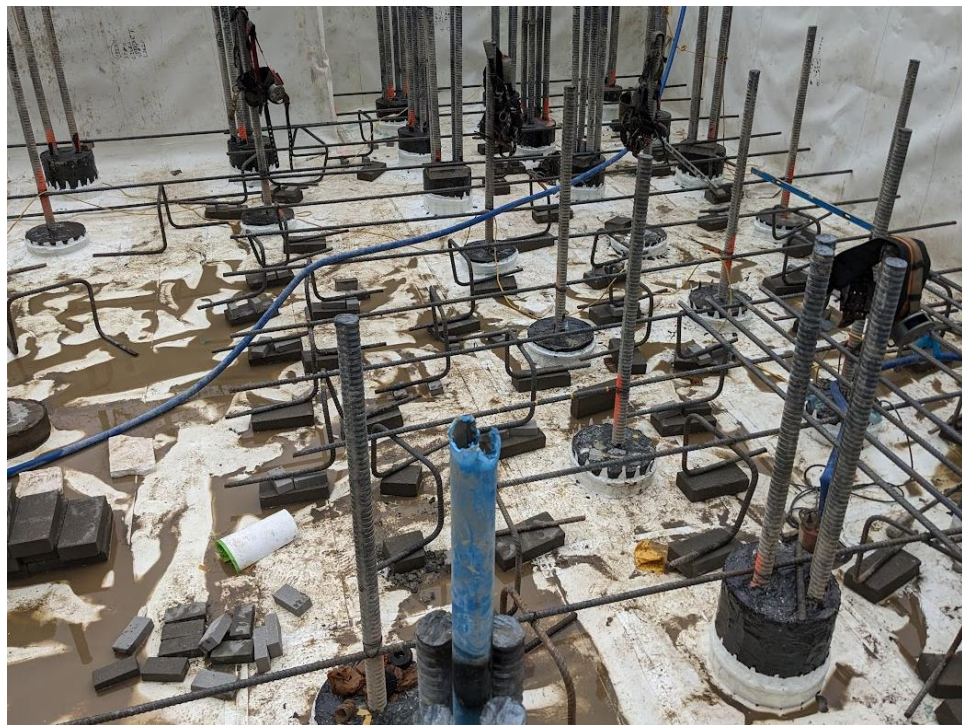
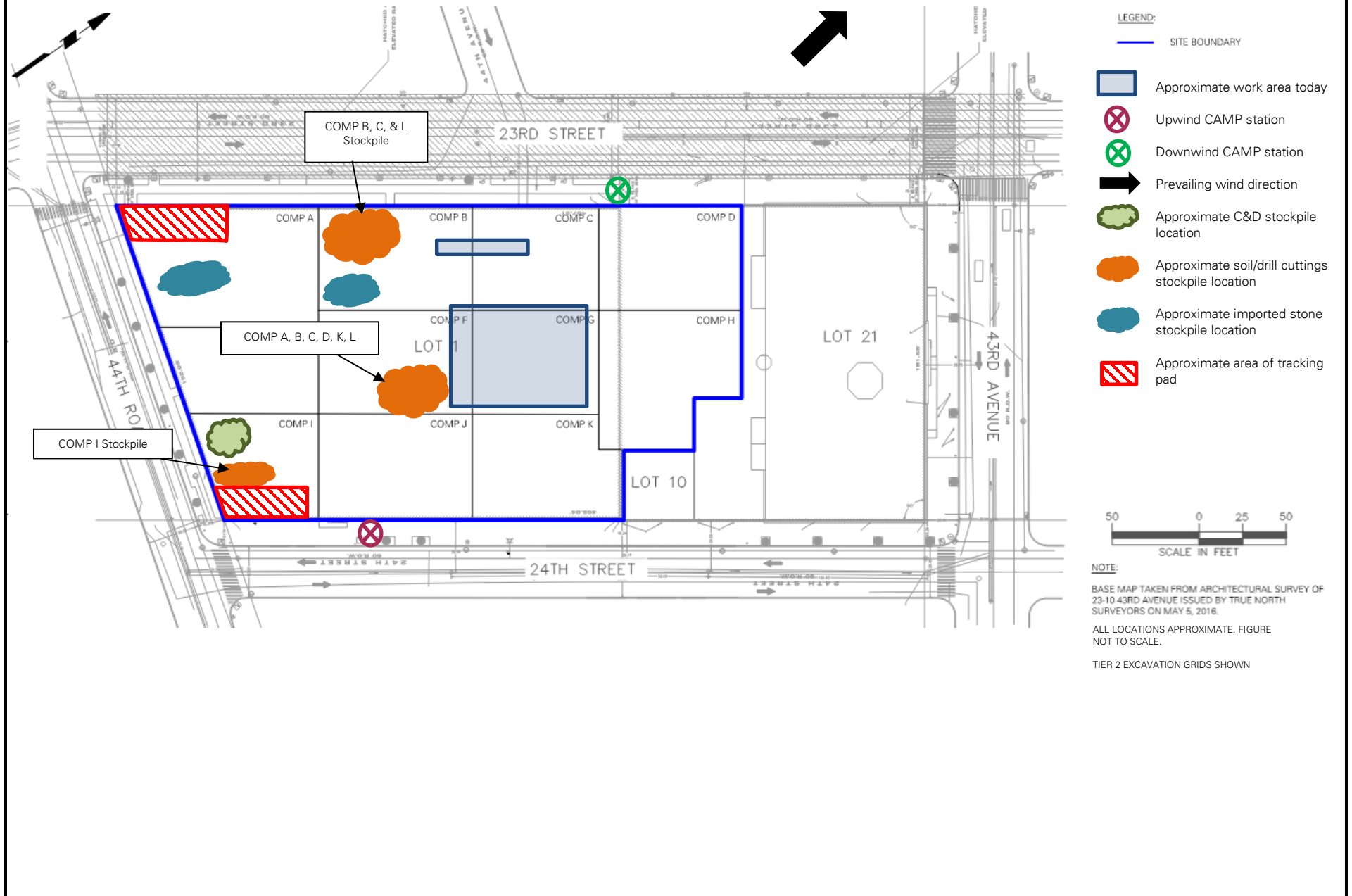
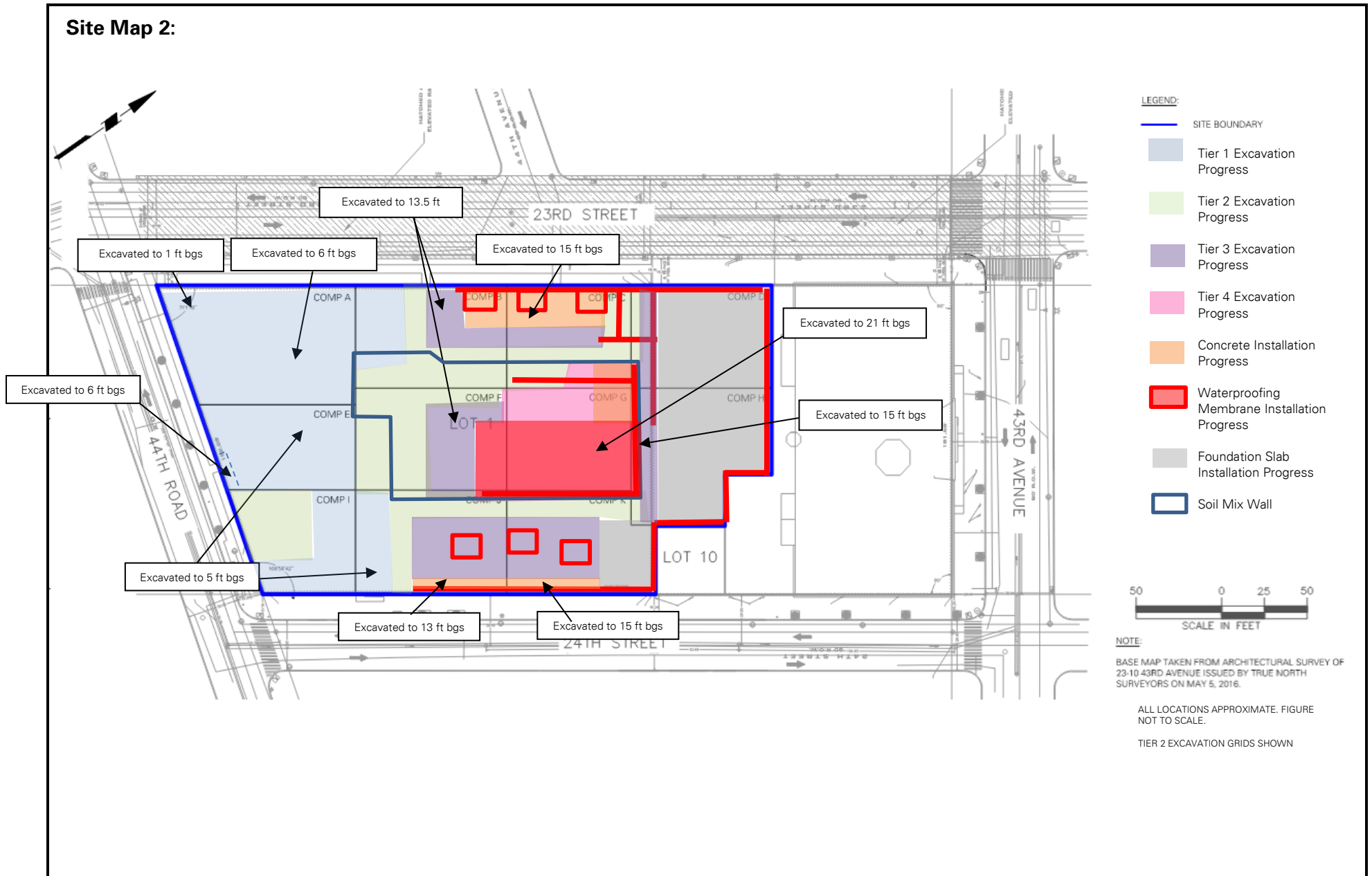


Photo 2: ECD installing waterproofing in the central part of the site (facing west).

Site Map 1:



Site Map 2:



PROJECT No.: 170362702	CLIENT:	DATE: Sunday, January 15, 2023
PROJECT: 23-15 44 th Road	CP VIII LIC Owner, LLC	WEATHER: Overcast; 31 - 39 F, Wind: N 7.2 – 8.4 mph
LOCATION: Long Island City, New York		TIME: 7:30 a.m. – 2:30 p.m.
BCP SITE ID: C241189		MONITOR: Hamed Gholizadeh Touchaei
EQUIPMENT: 2 CAT 355F Excavator 1 CAT 313BC Excavator 1 CAT 304C Excavator 1 Hitachi 135US Excavator	PRESENT AT SITE: Langan: Hamed Gholizadh Touchaei ECD: Justin Brennan Carmel Partners: Craig Goldberg, Angelo Ingrati	

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated July 16, 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane vertically along the soil mix wall in waste characterization grid (WCG) COMP N.
- ECD used a CAT355F excavator to excavate an area about 10 feet long by 7 feet wide by 2.5 feet deep (corresponding to 16 feet below former site grade) in WCG COMP H for tower crane installation. Excavated material was stockpiled on polyethylene sheeting in WCG COMP E and covered at the conclusion of site activities.
- ECD used a CAT304C excavator to excavate an area about 8 feet long by 7 feet wide by 4.5 feet deep (corresponding to 18 feet below former site grade) in WCG COMP K for tower crane installation. Excavated material was added to the existing stockpile in COMP F.
- ECD installed formwork and rebar in the central and western parts of the site.

Material Tracking

- No material was imported to the site.

Import Summary								
Facility/Material	2"– 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ		Wharton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0	0	0
Total	9	221.94	18	440.20	0	0	13	345.72
DEC Approved Amount	480 Tons*		480 Tons*		480 Tons*		1,600 Tons*	

*Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- No material was exported from the site.

Soil/Fill Export Summary			
Facility	Exported	Today	Total
Cycle Chem, Inc. Elizabeth, NJ Hazardous Soil/Fill	No. Loads	0	54
	Quantity (CY)	0	1,080
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	0	215
	Quantity (CY)	0	4,300
Middlesex County Utilities Authority Landfill East Brunswick, NJ Non-Hazardous Soil/Fill	No. Loads	0	1,167
	Quantity (CY)	0	23,340
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	96
	Quantity (CY)	0	1,920

Samples collected

- None.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 μm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will drill soldier piles for the Con Edison vault.

SITE PHOTOGRAPHS:



Photo 1: Excavated area in COMP H in the northeast part of the site (facing northwest).

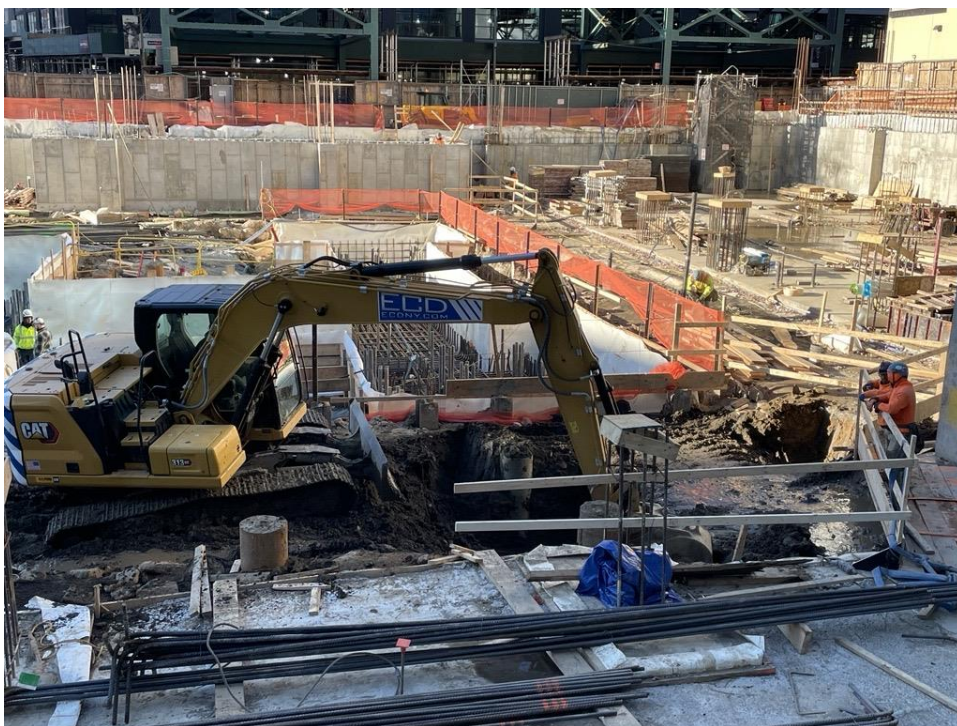
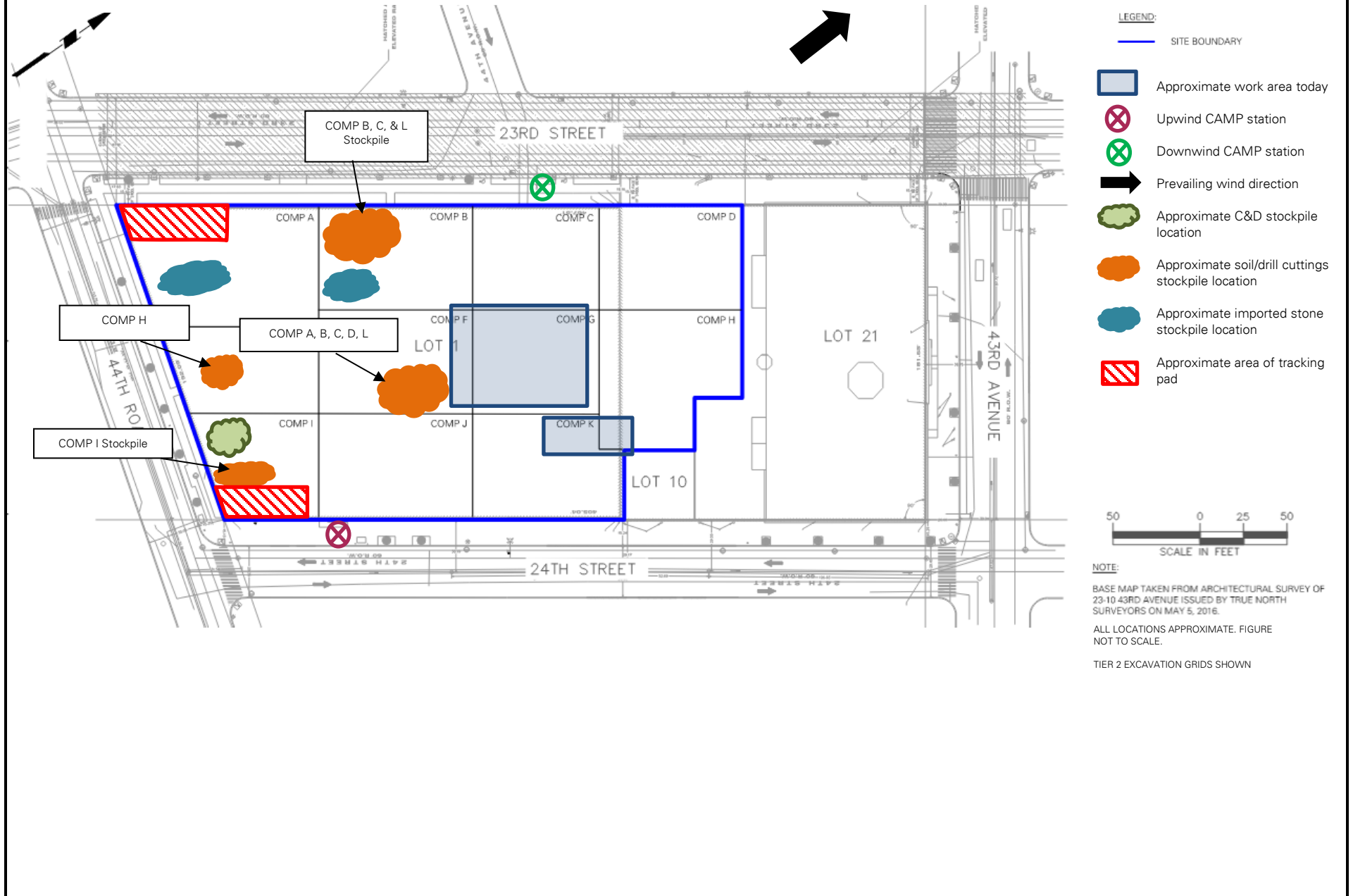
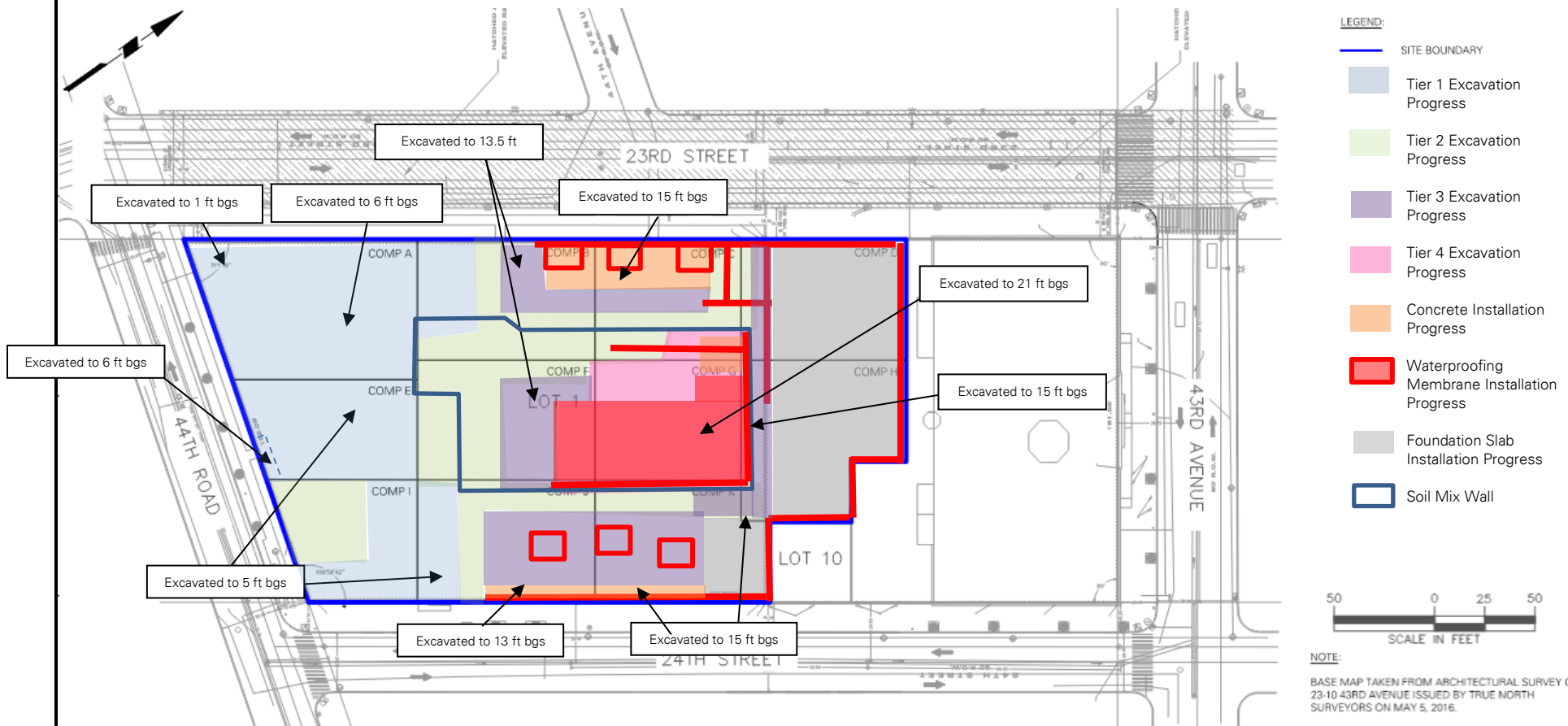


Photo 2: ECD excavating in the northeast part of the site (facing west).

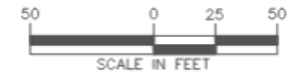
Site Map 1:



Site Map 2:



- LEGEND:**
- SITE BOUNDARY
 - Tier 1 Excavation Progress
 - Tier 2 Excavation Progress
 - Tier 3 Excavation Progress
 - Tier 4 Excavation Progress
 - Concrete Installation Progress
 - Waterproofing Membrane Installation Progress
 - Foundation Slab Installation Progress
 - Soil Mix Wall



NOTE:
 BASE MAP TAKEN FROM ARCHITECTURAL SURVEY OF 23-10 43RD AVENUE ISSUED BY TRUE NORTH SURVEYORS ON MAY 5, 2016.
 ALL LOCATIONS APPROXIMATE. FIGURE NOT TO SCALE.
 TIER 2 EXCAVATION GRIDS SHOWN

PROJECT No.: 170362702	CLIENT:	DATE: Monday, January 16, 2023
PROJECT: 23-15 44 th Road	CP VIII LIC Owner, LLC	WEATHER: Overcast; 28 - 47 F, Wind: NNW 4.0 – 12.3 mph
LOCATION: Long Island City, New York		TIME: 6:30 a.m. – 5:30 p.m.
BCP SITE ID: C241189		MONITOR: Caroline Devin

EQUIPMENT: 2 CAT 355F Excavator 1 CAT 313BC Excavator 1 CAT 304C Excavator 1 Hitachi 135US Excavator	PRESENT AT SITE: Langan: Caroline Devin, Jared Rogovin ECD: Justin Brennan Carmel Partners: Craig Goldberg, Angelo Ingrati
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OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated July 16, 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane horizontally and vertically along the soil mix wall in waste characterization grids (WCG) COMP N and L as well as vertically along pile caps in WCG COMP J.
- ECD used a CAT304C excavator to excavate an area about 24 feet long by 12 feet wide by 5 feet deep (corresponding to 18 feet below former site grade) in WCG COMP K for tower crane installation. Excavated material was added to the existing stockpile in COMP F.
- ECD installed formwork and rebar in the central and western parts of the site.

Material Tracking

- No material was imported to the site.

Import Summary								
Facility/Material	2" – 4" Tracking Pad Stone		2" – 4" Tracking Pad Stone		2" – 4" Tracking Pad Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ		Wharton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0	0	0
Total	9	221.94	18	440.20	0	0	13	345.72
DEC Approved Amount	480 Tons*		480 Tons*		480 Tons*		1,600 Tons*	

*Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- No material was exported from the site.

Soil/Fill Export Summary			
Facility	Exported	Today	Total
Cycle Chem, Inc. Elizabeth, NJ Hazardous Soil/Fill	No. Loads	0	54
	Quantity (CY)	0	1,080
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	0	215
	Quantity (CY)	0	4,300
Middlesex County Utilities Authority Landfill East Brunswick, NJ Non-Hazardous Soil/Fill	No. Loads	0	1,167
	Quantity (CY)	0	23,340
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	96
	Quantity (CY)	0	1,920

Samples collected

- None.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 μm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will drill soldier piles for the Con Edison vault.

SITE PHOTOGRAPHS:

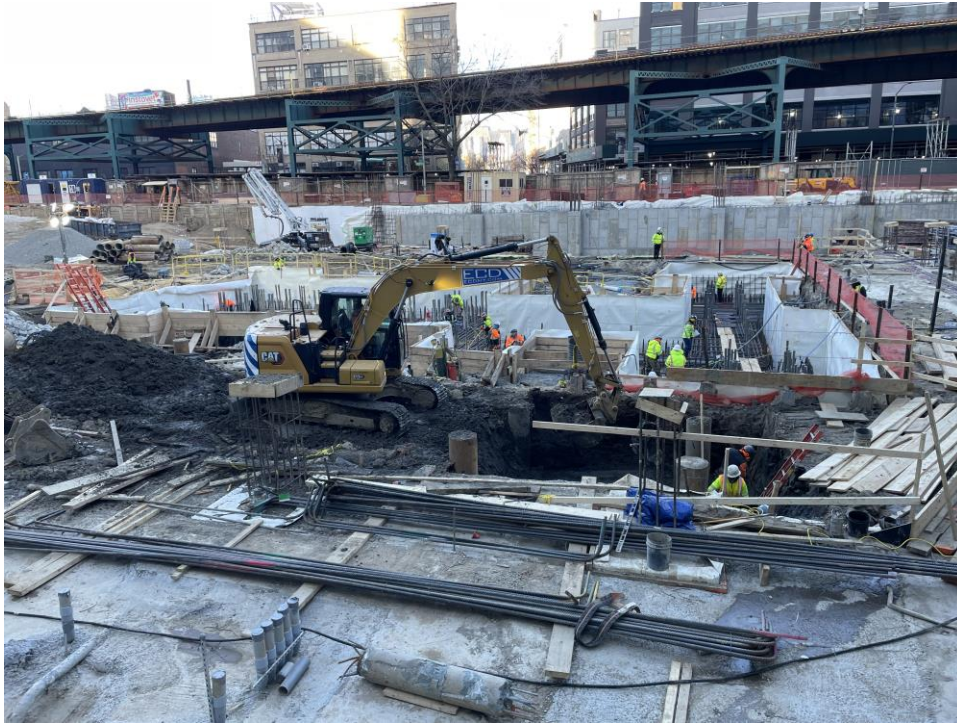


Photo 1: ECD excavating in the northeast part of the site (facing west).

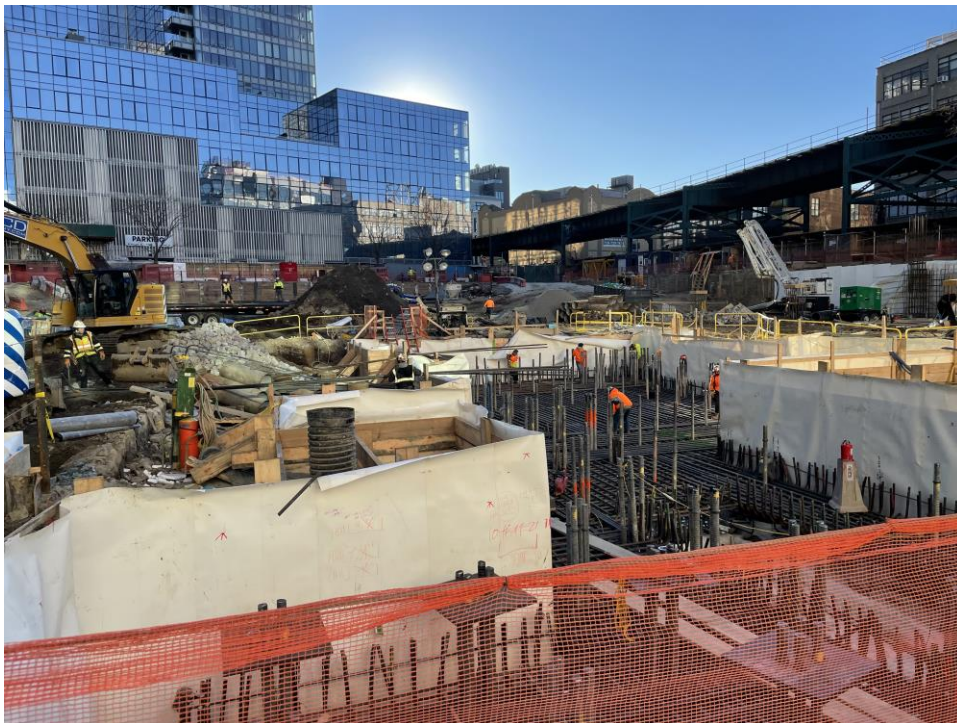
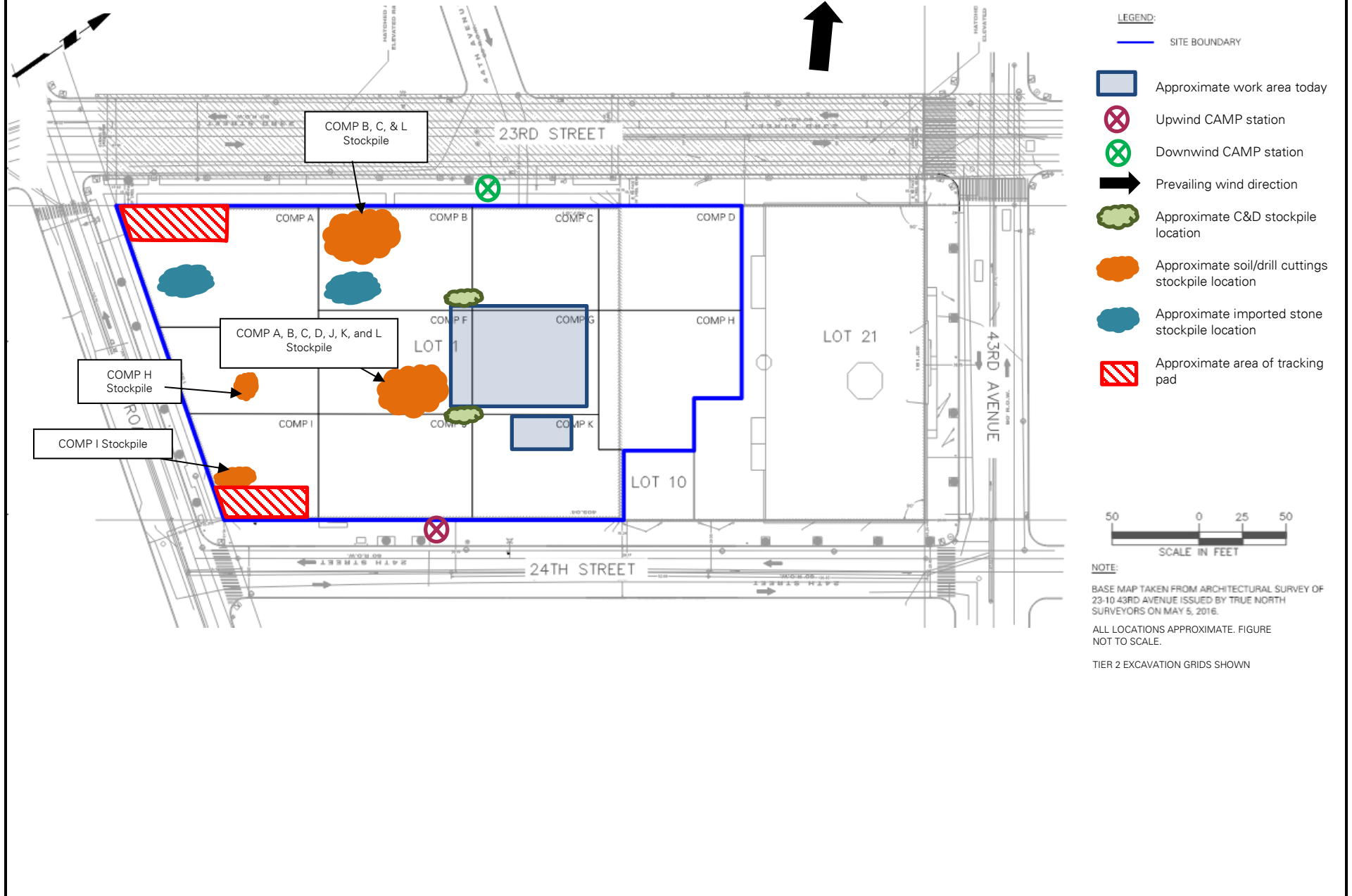
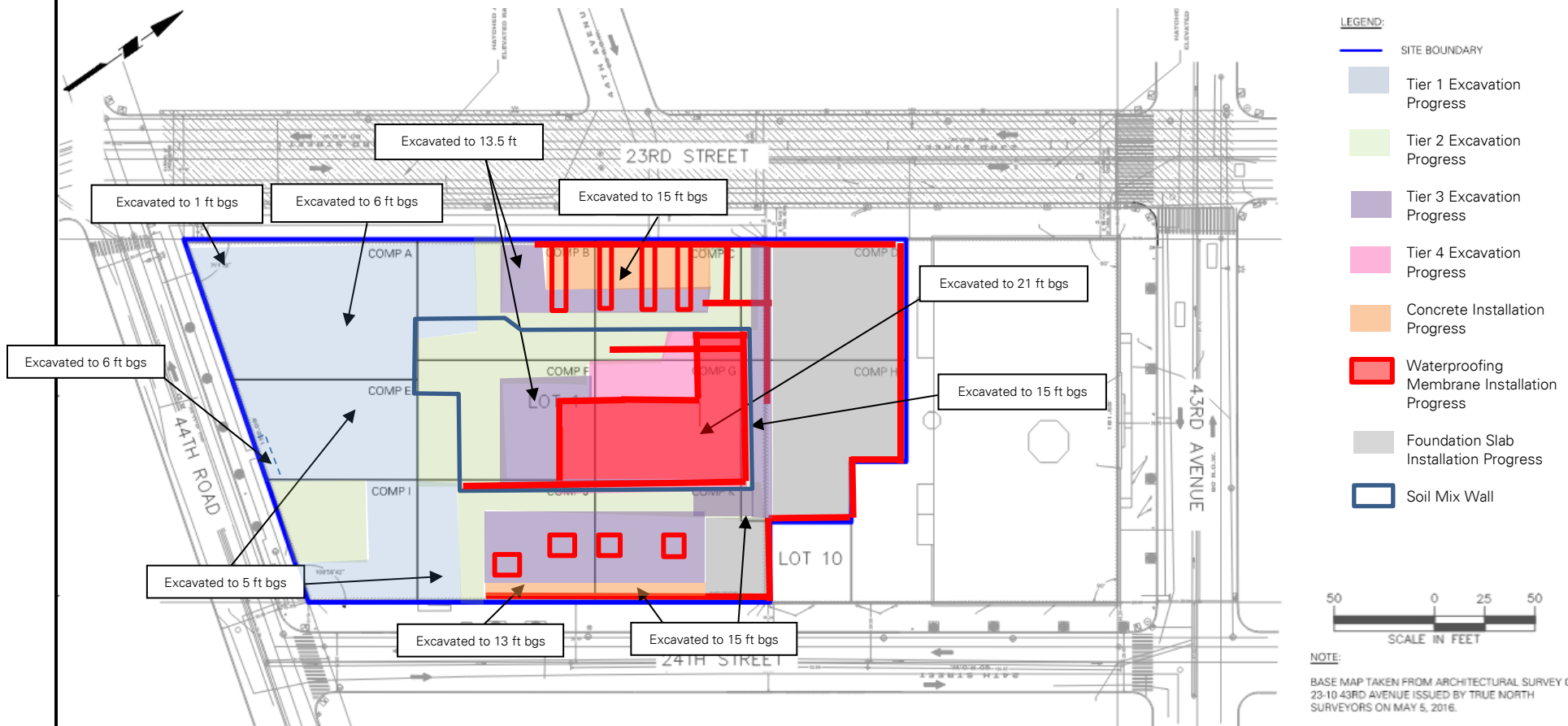


Photo 2: ECD installing waterproofing and rebar in the central part of the site (facing southwest).

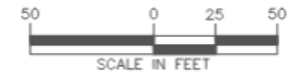
Site Map 1:



Site Map 2:



- LEGEND:**
- SITE BOUNDARY
 - Tier 1 Excavation Progress
 - Tier 2 Excavation Progress
 - Tier 3 Excavation Progress
 - Tier 4 Excavation Progress
 - Concrete Installation Progress
 - Waterproofing Membrane Installation Progress
 - Foundation Slab Installation Progress
 - Soil Mix Wall



NOTE:
 BASE MAP TAKEN FROM ARCHITECTURAL SURVEY OF 23-10 43RD AVENUE ISSUED BY TRUE NORTH SURVEYORS ON MAY 5, 2016.
 ALL LOCATIONS APPROXIMATE. FIGURE NOT TO SCALE.
 TIER 2 EXCAVATION GRIDS SHOWN

PROJECT No.: 170362702	CLIENT:	DATE: Tuesday, January 17, 2023
PROJECT: 23-15 44 th Road	CP VIII LIC Owner, LLC	WEATHER: Overcast; 32 - 47 F, Wind: W 0.6 – 4.2 mph
LOCATION: Long Island City, New York		TIME: 6:30 a.m. – 5:30 p.m.
BCP SITE ID: C241189		MONITOR: Caroline Devin
EQUIPMENT: 1 CAT 355F Excavator 1 CAT 313BC Excavator 1 Hitachi 135US Excavator	PRESENT AT SITE: Langan: Caroline Devin, Jared Rogovin ECD: Justin Brennan Carmel Partners: Craig Goldberg, Angelo Ingrati	

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated July 16, 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD used a CAT 355F excavator to load trucks with the previously stockpiled soil/fill in waste characterization grid (WCG) COMP F for offsite disposal to Middlesex County Utilities Authority Landfill (MCUA), in East Brunswick, NJ. Stockpiled material consisted of soil/fill from WCGs COMP A, B, C, D, J, K, and L.
- ECD imported 5 truckloads of ASTM #57 Stone from Tilcon New York – Mt. Hope. Imported material was stockpiled in WCG COMP B.
- ECD installed formwork and rebar in the central and western parts of the site.
- ECD used a MC1200P drill rig to drill one pile to about 25 feet below grade surface (bgs) for support of excavation (SOE) of the off-site Con Edison vault on the eastern perimeter sidewalk.
- ECD used a Hitachi 135US excavator to excavate an area about 5 feet long by 4 feet wide by 2.5 feet deep (corresponding to 2.5 feet below former site grade) on the eastern sidewalk for the off-site Con Edison vault installation. Excavated material was stockpiled adjacent to the excavated area.
- ECD used a CAT313BC excavator to excavate an area about 15 feet long by 12 feet wide by 5 feet deep (corresponding to 19 feet below former site grade) in COMP K for pile cap installation. Excavated material was stockpiled adjacent to the excavated area.
- ECD used a CAT313BC excavator to grade an area about 60 feet long by 12 feet wide in WCGs COMP J and K. No excess material was generated from grading activities.
- ECD used a CAT313BC excavator to backfill an area about 24 feet long by 1.5 feet wide with ASTM #57 from Tilcon New York – Mt. Hope Quarry in WCG COMP K for pile cap installation.

Material Tracking

- ECD imported 5 truckloads (approximately 125.97 tons) of ASTM #57 stone from Tilcon, New York – Mt. Hope Quarry located in Wharton, New Jersey.

Import Summary								
Facility/Material	2" – 4" Tracking Pad Stone		2" – 4" Tracking Pad Stone		2" – 4" Tracking Pad Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ		Wharton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0	5	125.97
Total	9	221.94	18	440.20	0	0	18	427.26
DEC Approved Amount	480 Tons*		480 Tons*		480 Tons*		1,600 Tons*	

*Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- ECD exported 9 loads (180 CY) of non-hazardous soil/fill to MCUA from the following waste characterization grids:
 - COMP A (5-10)', B (12-15)', C (12-15)', D (8-16)', J (10-15)', K (10-15)' and L (15-27)'.

Soil/Fill Export Summary			
Facility	Exported	Today	Total
Cycle Chem, Inc. Elizabeth, NJ Hazardous Soil/Fill	No. Loads	0	54
	Quantity (CY)	0	1,080
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	0	211
	Quantity (CY)	0	4,220
Middlesex County Utilities Authority Landfill East Brunswick, NJ Non-Hazardous Soil/Fill	No. Loads	9	1,176
	Quantity (CY)	180	23,520
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	96
	Quantity (CY)	0	1,920

Samples collected

- None.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP except for the instance noted below. Fugitive dust or odors associated with intrusive activities were not observed.
 - Particulate concentrations at the downwind station exceeded action levels between 9:52am to 10:03am due to sweeping/housekeeping activities directly adjacent to the station. Activities were stopped and equipment was recalibrated. Exceedances were not related to ground intrusive activity, and levels returned to normal when housekeeping activities ceased.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will drill soldier piles for the Con Edison vault.

SITE PHOTOGRAPHS:

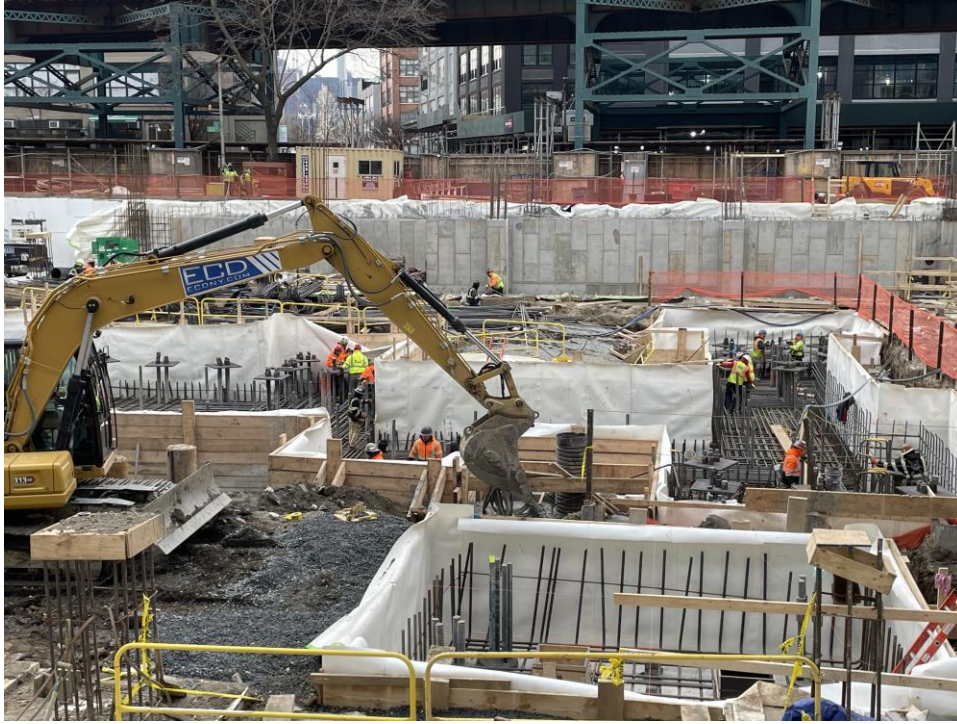


Photo 1: ECD backfilling in the northeast part of the site (facing west).

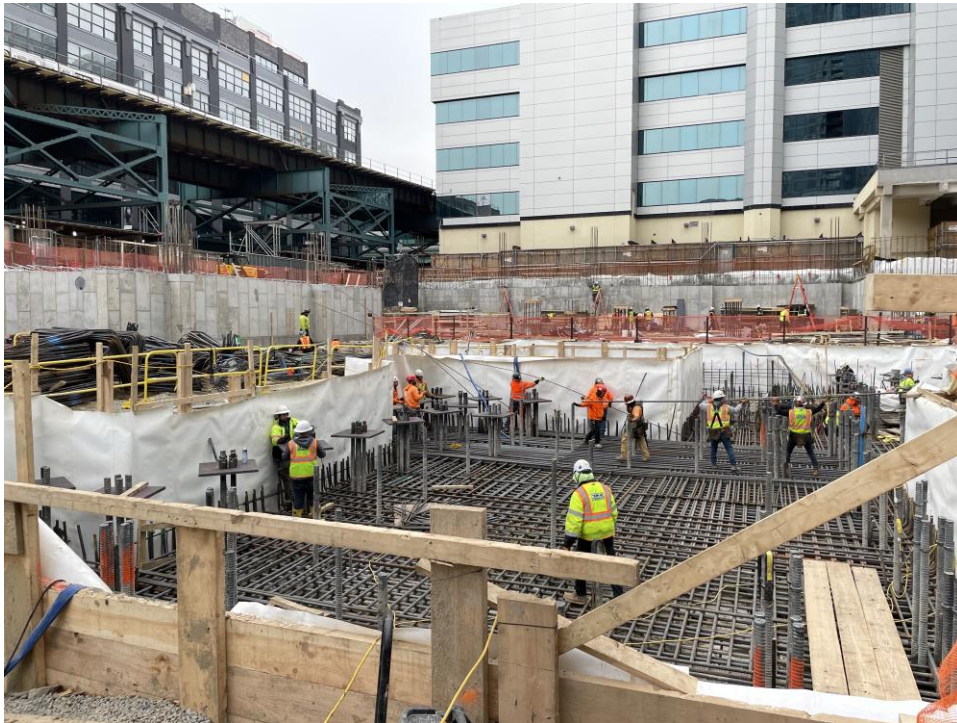


Photo 2: ECD installing rebar in the central part of the site (facing north).

SITE PHOTOGRAPHS CONT:

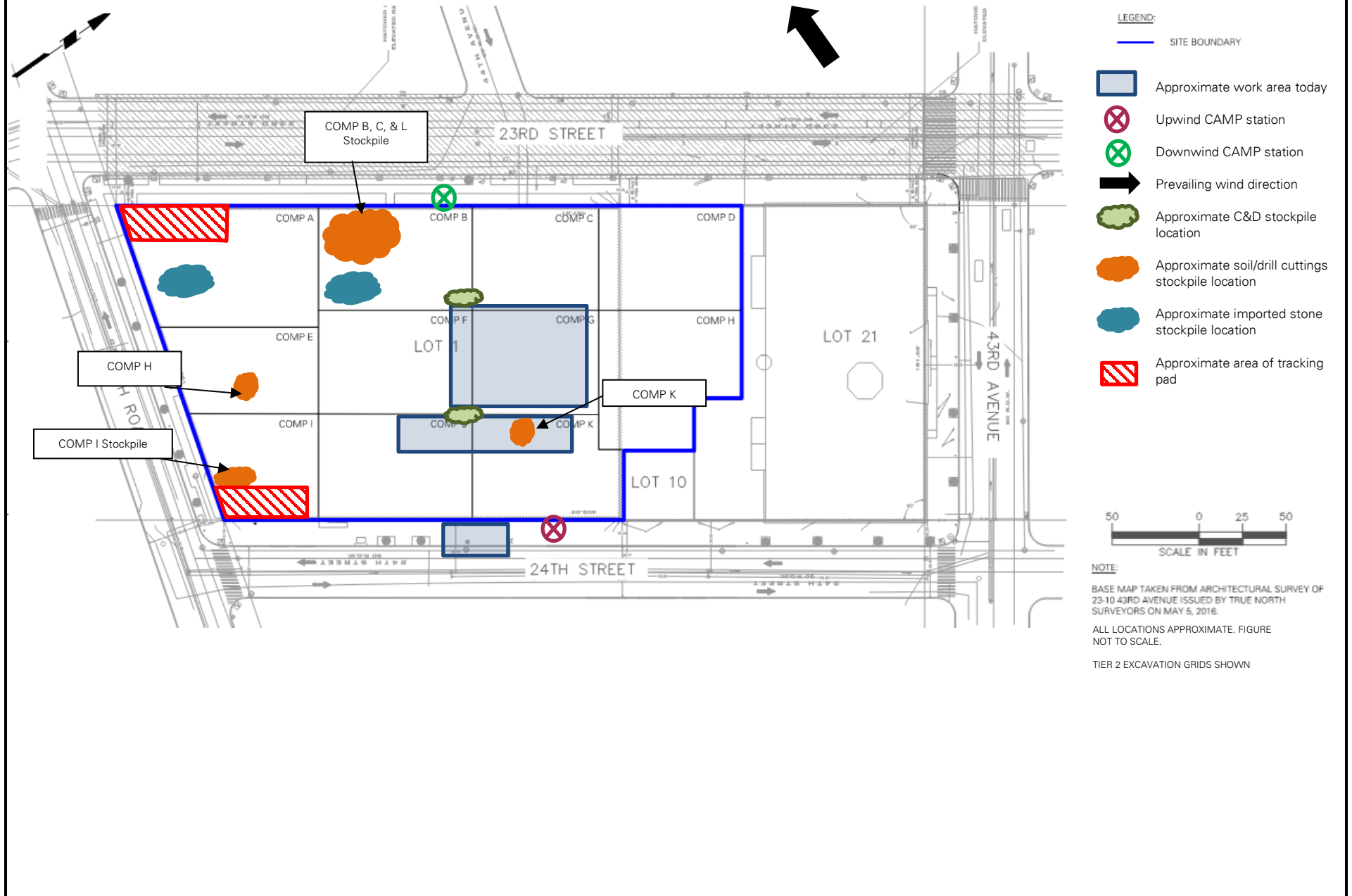


Photo 3: Loading a truck with fill/soil for export off-site (facing south).

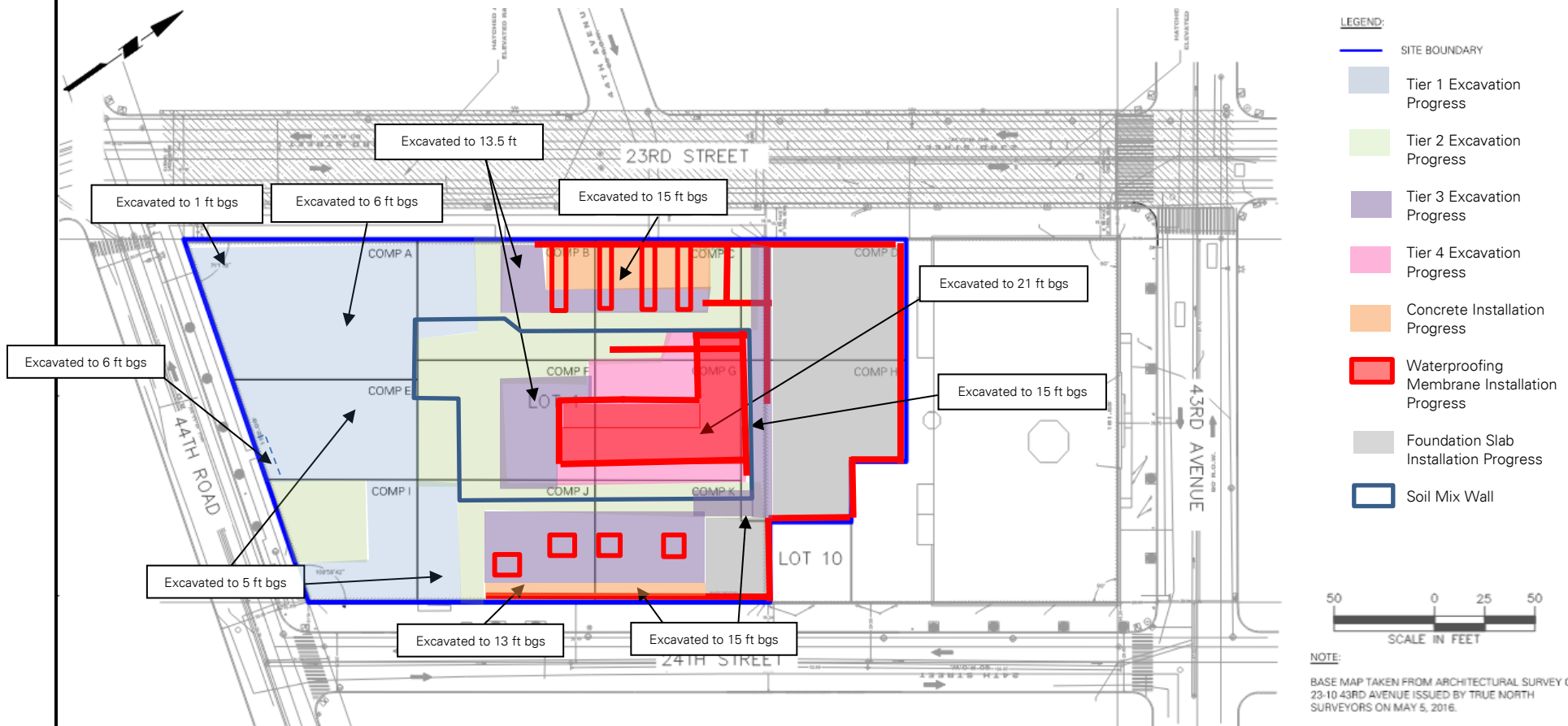


Photo 4: ECD importing a load of ASTM #57 stone (facing northwest).

Site Map 1:



Site Map 2:



PROJECT No.: 170362702	CLIENT:	DATE: Wednesday, January 18, 2023
PROJECT: 23-15 44 th Road	CP VIII LIC Owner, LLC	WEATHER: Partly Cloudy; 45 - 53 F, Wind: WNW 3.0 – 8.3 mph
LOCATION: Long Island City, New York		TIME: 6:30 a.m. – 5:30 p.m.
BCP SITE ID: C241189		MONITOR: Caroline Devin
EQUIPMENT: 1 CAT 355F Excavator 1 CAT 313BC Excavator 1 Hitachi 135US Excavator		PRESENT AT SITE: Langan: Caroline Devin, Jared Rogovin ECD: Justin Brennan Carmel Partners: Craig Goldberg, Angelo Ingrati

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated July 16, 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD vertically and horizontally installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane along pile caps in waste characterization grid (WCG) COMP K in the eastern part of site.
- ECD installed formwork and rebar in the central and western parts of the site.
- ECD used a Hitachi 135US excavator to backfill an area about 5 feet long by 4 feet wide on the eastern sidewalk with previously excavated and stockpiled material from the excavation for the off-site Con Edison vault installation.
- ECD used a CAT313BC excavator to excavate an area about 20 feet long by 12 feet wide by 5 feet deep (corresponding to 19 feet below former site grade) in WCG COMP K for pile cap installation. Excavated soil/fill was stockpiled adjacent to the excavation and about 3 cubic yards (CY) was replaced upon completion of work. The remainder of material was stockpiled adjacent to the excavated area.
- ECD poured concrete for mudslab in the eastern part of the site for pile cap and tower crane installation.
- ECD used a CAT313BC excavator to consolidate and stockpile concrete and demolition debris from the central part of the site in WCG COMP F.

Material Tracking

- No material was imported to the site

Import Summary								
Facility/Material	2" – 4" Tracking Pad Stone		2" – 4" Tracking Pad Stone		2" – 4" Tracking Pad Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ		Wharton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0	0	0
Total	9	221.94	18	440.20	0	0	18	427.26
DEC Approved Amount	480 Tons*		480 Tons*		480 Tons*		1,600 Tons*	

*Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- No material was exported from the site.

Soil/Fill Export Summary			
Facility	Exported	Today	Total
Cycle Chem, Inc. Elizabeth, NJ Hazardous Soil/Fill	No. Loads	0	54
	Quantity (CY)	0	1,080
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	0	211
	Quantity (CY)	0	4,220
Middlesex County Utilities Authority Landfill East Brunswick, NJ Non-Hazardous Soil/Fill	No. Loads	0	1,176
	Quantity (CY)	0	23,520
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	96
	Quantity (CY)	0	1,920

Samples collected

- None.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 μm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing formwork and rebar in the central part of the site.

SITE PHOTOGRAPHS:

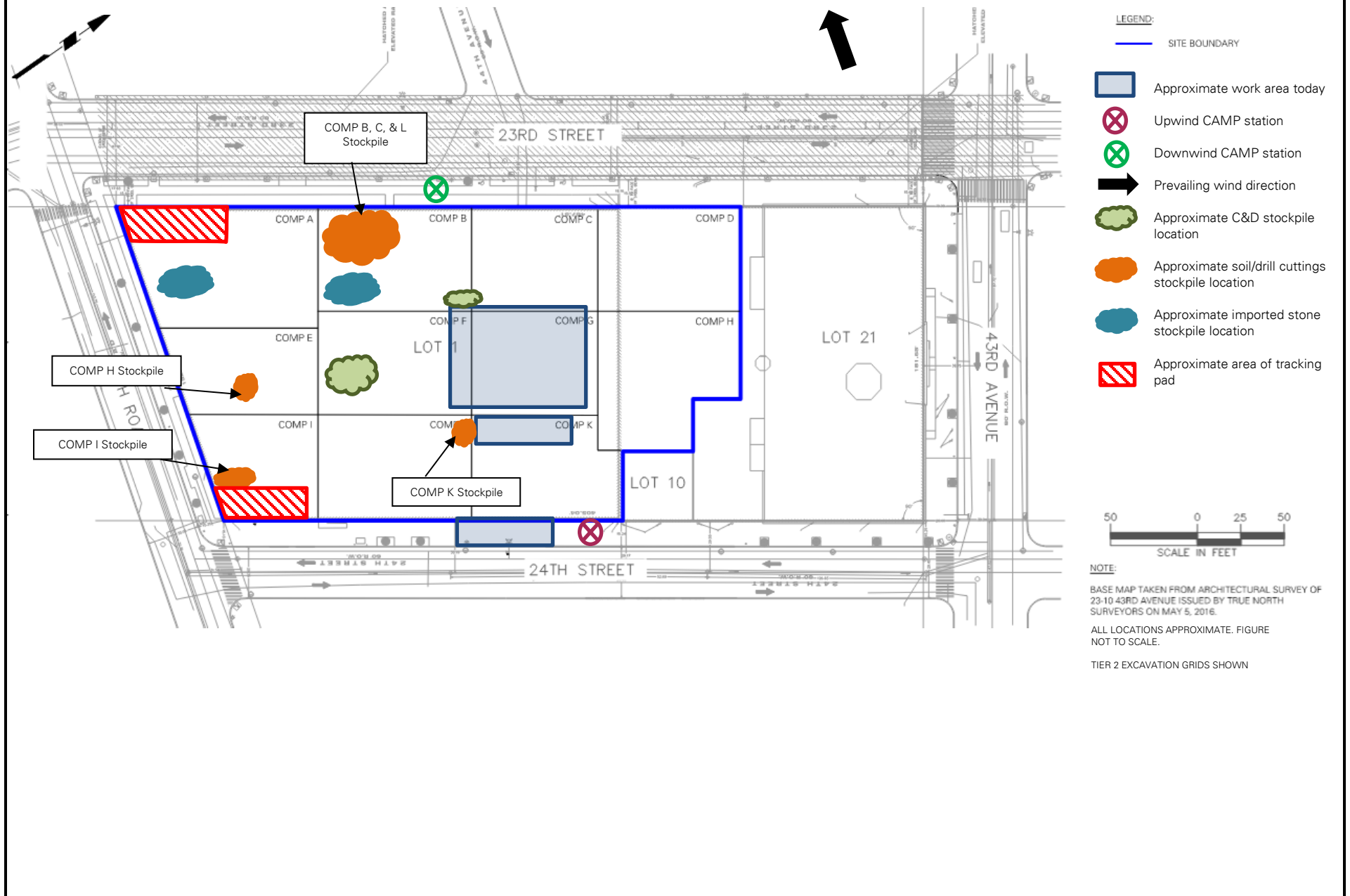


Photo 1: ECD excavating in the northeast part of the site (facing northeast).

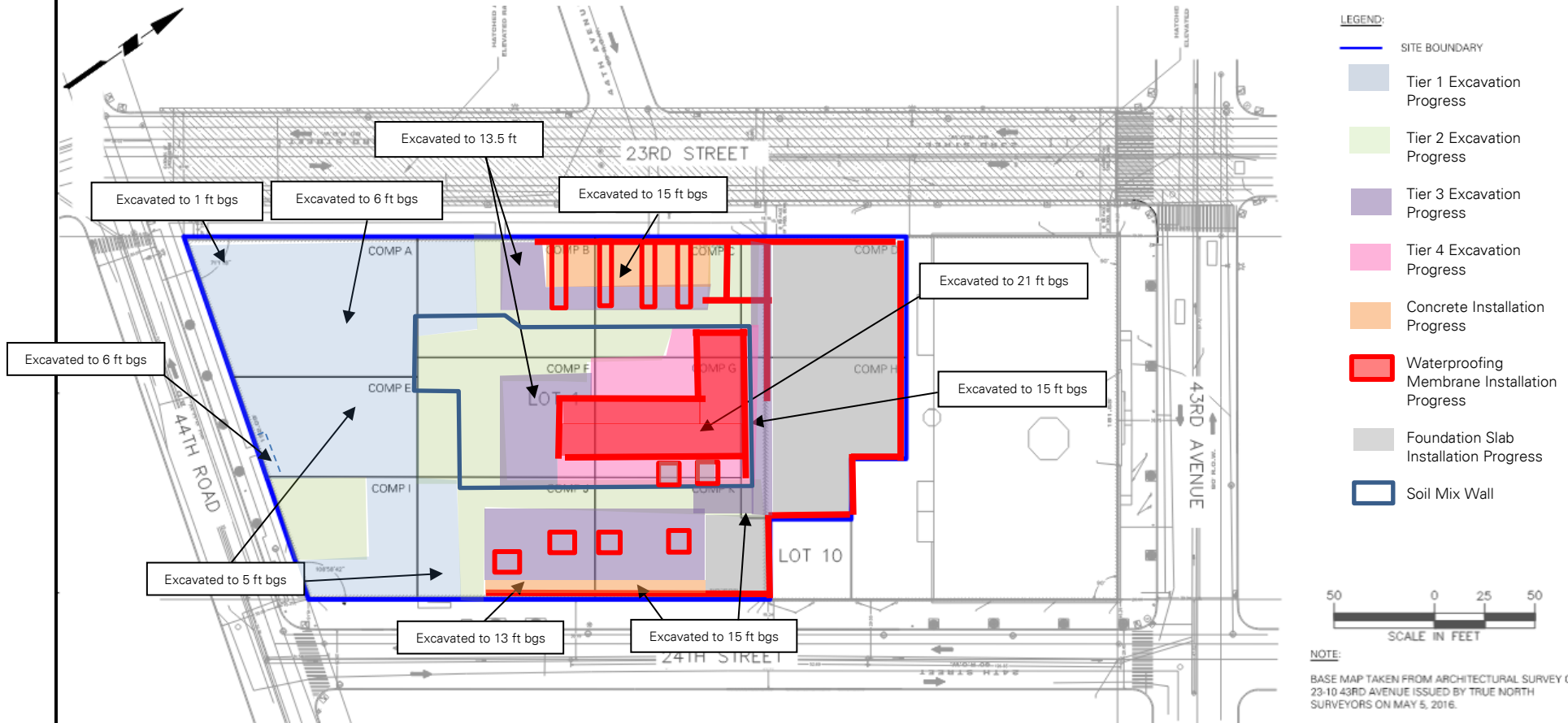


Photo 2: ECD installing rebar in the central part of the site (facing west).

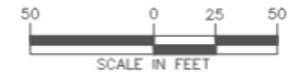
Site Map 1:



Site Map 2:



- LEGEND:**
- SITE BOUNDARY
 - Tier 1 Excavation Progress
 - Tier 2 Excavation Progress
 - Tier 3 Excavation Progress
 - Tier 4 Excavation Progress
 - Concrete Installation Progress
 - Waterproofing Membrane Installation Progress
 - Foundation Slab Installation Progress
 - Soil Mix Wall



NOTE:
 BASE MAP TAKEN FROM ARCHITECTURAL SURVEY OF 23-10 43RD AVENUE ISSUED BY TRUE NORTH SURVEYORS ON MAY 5, 2016.
 ALL LOCATIONS APPROXIMATE. FIGURE NOT TO SCALE.
 TIER 2 EXCAVATION GRIDS SHOWN

LANGAN SITE OBSERVATION REPORT – RAWP Day 193

PROJECT No.: 170362702	CLIENT:	DATE: Thursday, January 19, 2023
PROJECT: 23-15 44 th Road	CP VIII LIC Owner, LLC	WEATHER: Rain; 39 - 44 F, Wind: WNW 5 – 15 mph
LOCATION: Long Island City, New York		TIME: 6:30 a.m. – 2:30 p.m.
BCP SITE ID: C241189		MONITOR: Caroline Devin
EQUIPMENT: 1 CAT 355F Excavator 1 CAT 313BC Excavator 1 Hitachi 135US Excavator	PRESENT AT SITE: Langan: Caroline Devin, Jared Rogovin ECD: Justin Brennan Carmel Partners: Craig Goldberg, Angelo Ingrati	

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated July 16, 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD installed formwork and rebar in the central and western parts of the site.
- ECD imported 4 truckloads of ASTM #57 Stone from Tilcon New York – Mt. Hope. Imported material was stockpiled in waste characterization grid (WCG) COMP B.
- ECD used a CAT313BC excavator to grade an area about 45 feet long by 15 feet wide in WCGs COMP J and K. No excess material was generated from grading activities.
- ECD used a CAT313BC excavator to backfill an area about 35 feet long by 15 feet wide with ASTM #57 from Tilcon, New York – Mt. Hope Quarry in WCG COMP K for tower crane installation.
- ECD used a CAT313BC excavator to backfill two areas about 18 feet long by 4 feet wide with ASTM #57 from Tilcon, New York – Mt. Hope Quarry in WCGs COMP F, G and K for pile cap installation.

Material Tracking

- ECD imported 4 truckloads (approximately 98.22 tons) of ASTM #57 stone from Tilcon, New York – Mt. Hope Quarry located in Wharton, New Jersey.

Import Summary								
Facility/Material	2" – 4" Tracking Pad Stone		2" – 4" Tracking Pad Stone		2" – 4" Tracking Pad Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ		Wharton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0	4	98.22
Total	9	221.94	18	440.20	0	0	22	525.48
DEC Approved Amount	480 Tons*		960 Tons*		480 Tons*		1,600 Tons*	

*Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- No material was exported from the site.

Soil/Fill Export Summary			
Facility	Exported	Today	Total
Cycle Chem, Inc. Elizabeth, NJ Hazardous Soil/Fill	No. Loads	0	54
	Quantity (CY)	0	1,080
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	0	211
	Quantity (CY)	0	4,220
Middlesex County Utilities Authority Landfill East Brunswick, NJ Non-Hazardous Soil/Fill	No. Loads	0	1,176
	Quantity (CY)	0	23,520
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	96
	Quantity (CY)	0	1,920

Samples collected

- None.

Community Air Monitoring Plan (CAMP) Activities

- Community air monitoring was not implanted due to inclement weather.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing formwork and rebar in the central part of the site.

SITE PHOTOGRAPHS:

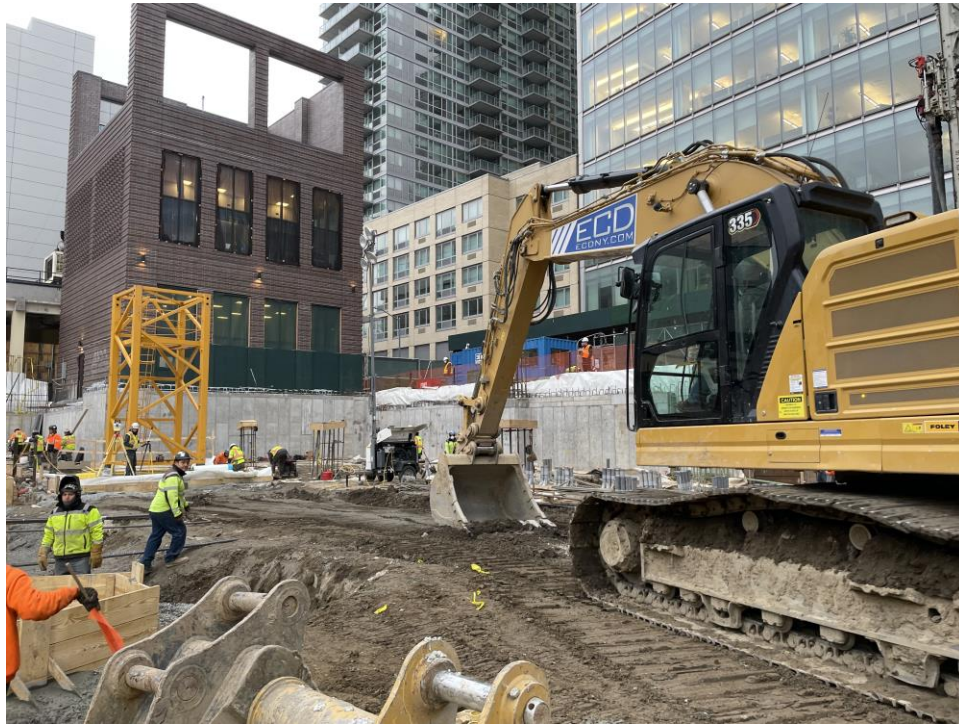


Photo 1: ECD grading in the northeast part of the site (facing northeast).

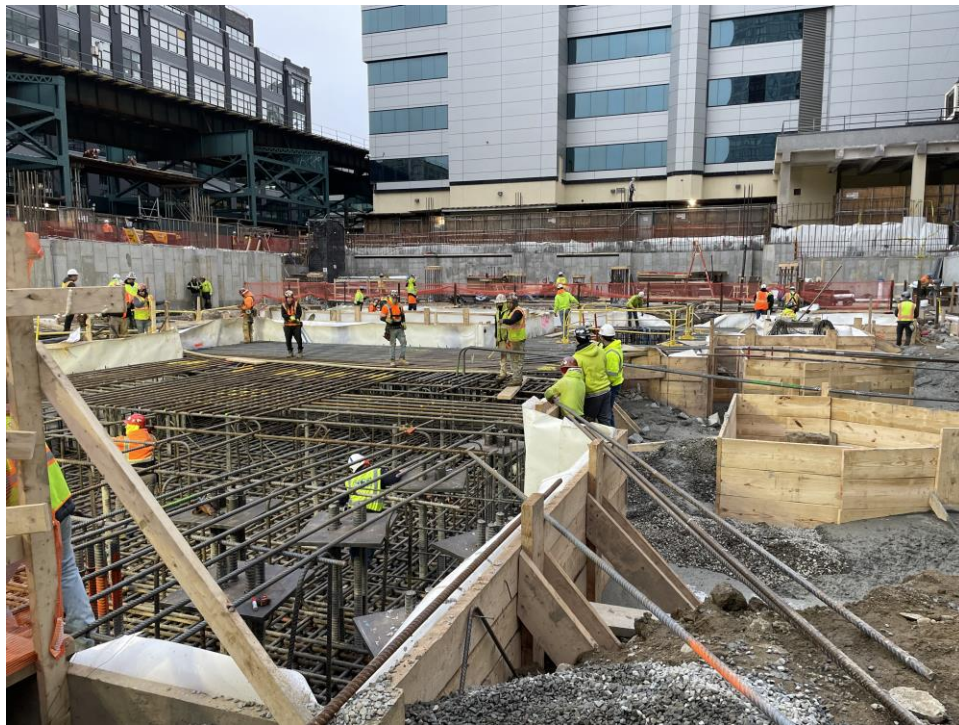


Photo 2: ECD installing rebar in the central part of the site (facing northwest).

SITE PHOTOGRAPHS CONT.

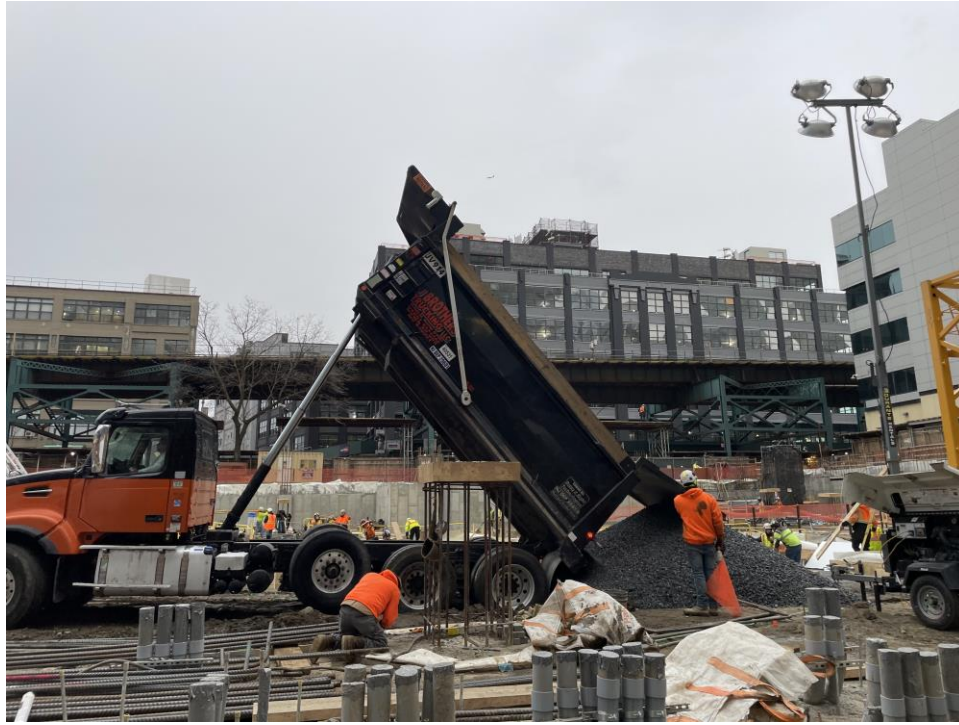
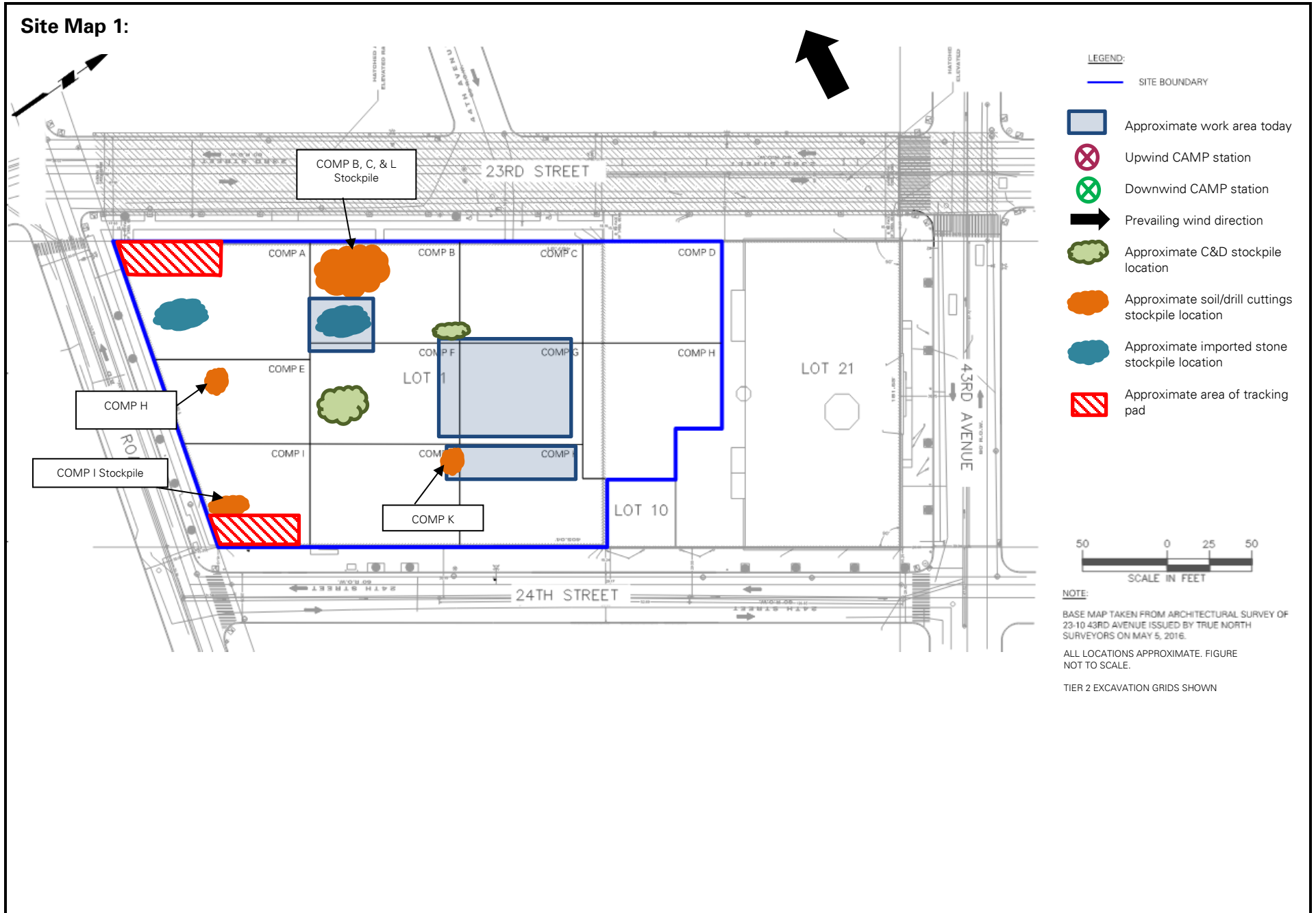
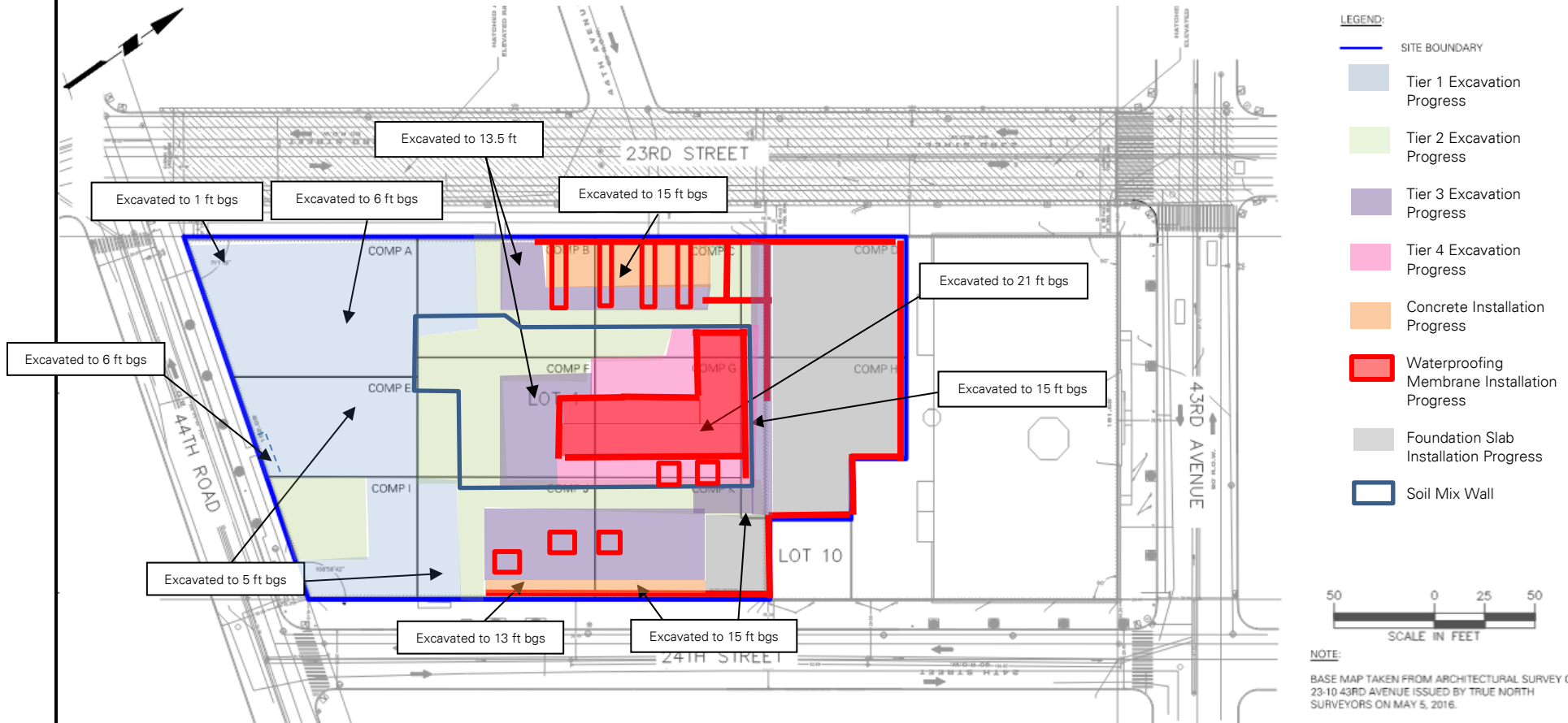


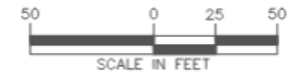
Photo 3: ECD importing ASTM #57 stone in the northeastern part of the site (facing west).



Site Map 2:



- LEGEND:**
- SITE BOUNDARY
 - Tier 1 Excavation Progress
 - Tier 2 Excavation Progress
 - Tier 3 Excavation Progress
 - Tier 4 Excavation Progress
 - Concrete Installation Progress
 - Waterproofing Membrane Installation Progress
 - Foundation Slab Installation Progress
 - Soil Mix Wall



NOTE:
 BASE MAP TAKEN FROM ARCHITECTURAL SURVEY OF 23-10 43RD AVENUE ISSUED BY TRUE NORTH SURVEYORS ON MAY 5, 2016.
 ALL LOCATIONS APPROXIMATE. FIGURE NOT TO SCALE.
 TIER 2 EXCAVATION GRIDS SHOWN

PROJECT No.: 170362702	CLIENT:	DATE: Friday, January 20, 2023
PROJECT: 23-15 44 th Road	CP VIII LIC Owner, LLC	WEATHER: Partly Cloudy; 40 - 49 F, Wind: W 1.8 – 7.7 mph
LOCATION: Long Island City, New York		TIME: 6:30 a.m. – 6:00 p.m.
BCP SITE ID: C241189		MONITOR: Sophia Misiakiewicz
EQUIPMENT: 1 CAT 355F Excavator 1 CAT 313BC Excavator 1 Hitachi 135US Excavator	PRESENT AT SITE: Langan: Sophia Misiakiewicz , Jared Rogovin ECD: Justin Brennan Carmel Partners: Craig Goldberg, Angelo Ingrati	

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated July 16, 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD installed formwork and rebar in the central and western parts of the site.
- ECD imported 18 truckloads of 2.5-inch tracking pad stone from Braen Aggregates, LLC in Franklin, New Jersey. Imported material was stockpiled in waste characterization grid (WCG) COMP A and used to create a tracking pad to the center of the site.
- ECD imported 1 truckload of ASTM #57 stone from Braen Aggregates, LLC in Franklin, New Jersey. Imported material was added to the stone stockpile in WCG COMP A and used to create a tracking pad to the center of the site.
- ECD used a CAT355F excavator to reshape the entrance ramp in WCG COMP I, E2 and J2. Generated material was added to the existing stockpile in WCG COMP I.
- ECD used a CAT313BC excavator to grade an area about 100 feet long by 60 feet wide in WCGs COMP I and E2. Excess material generated was added to the existing stockpile in WCG COMP I.
- ECD used a CAT313BC excavator to excavate an area about 20 feet long by 5 feet wide by 3 feet deep (corresponding to 19 feet below former site grade) in WCGs COMP J and L for plumbing and electrical utility installation. Excavated soil/fill was stockpiled adjacent to the excavation.
- ECD used a CAT313BC excavator to backfill an area about 100 feet long by 60 feet wide in WCGs COMP A, E2, F and I, with 2.5-inch tracking pad stone from Braen Aggregates, LLC in Franklin, New Jersey, for tracking pad installation.
- ECD used a CAT313BC excavator to backfill an area about 60 feet long by 30 feet wide area in WCGs COMP E2 and F, with previously imported 2.5-inch tracking pad stone and ASTM #57 stone from Braen Aggregates, LLC in Franklin, New Jersey, for tracking pad installation.
- ECD used a CAT313BC excavator to relocate the soil stockpile from WCG COMP E (consisting of material from WCG COMP H) to WCG COMP J. The material was stockpiled on and covered with polyethylene sheeting.

ECD used a CAT313BC excavator to relocate concrete and demolition (C&D) debris from WCG COMP F to WCG COMP J.

Material Tracking

- ECD imported 18 truckloads (approximately 452.76 tons) of 2"- 4" Tracking Pad Stone from Braen Aggregates, LLC in Franklin, New Jersey
- ECD imported 1 truckload (approximately 24.30 tons) of ASTM #57 stone from Braen Aggregates, LLC in Franklin, New Jersey

Import Summary								
Facility/Material	2"- 4" Tracking Pad Stone		2"- 4" Tracking Pad Stone		2"- 4" Tracking Pad Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.		Tilcon New York, Inc. - Mt Hope Quarry	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ		Wharton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	18	452.76	0	0	0	24.30
Total	9	221.94	36	892.96	0	0	22	525.48
DEC Approved Amount	480 Tons*		960 Tons*		480 Tons*		1,600 Tons*	

Facility/Material	ASTM #57 Stone		ASTM #57 Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	1	24.30	0	0
Total	0	0	1	24.30	0	0
DEC Approved Amount	1,600 Tons*		1,600 Tons*		1,600 Tons*	

*Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- No material was exported from the site.

Soil/Fill Export Summary			
Facility	Exported	Today	Total
Cycle Chem, Inc. Elizabeth, NJ Hazardous Soil/Fill	No. Loads	0	54
	Quantity (CY)	0	1,080
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	0	211
	Quantity (CY)	0	4,220
Middlesex County Utilities Authority Landfill East Brunswick, NJ Non-Hazardous Soil/Fill	No. Loads	0	1,176
	Quantity (CY)	0	23,520
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	96
	Quantity (CY)	0	1,920

Samples collected

- None.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 μm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing formwork and rebar in the central part of the site.

SITE PHOTOGRAPHS:



Photo 1: ECD grading in the southeast part of the site (WCG E2, facing west).

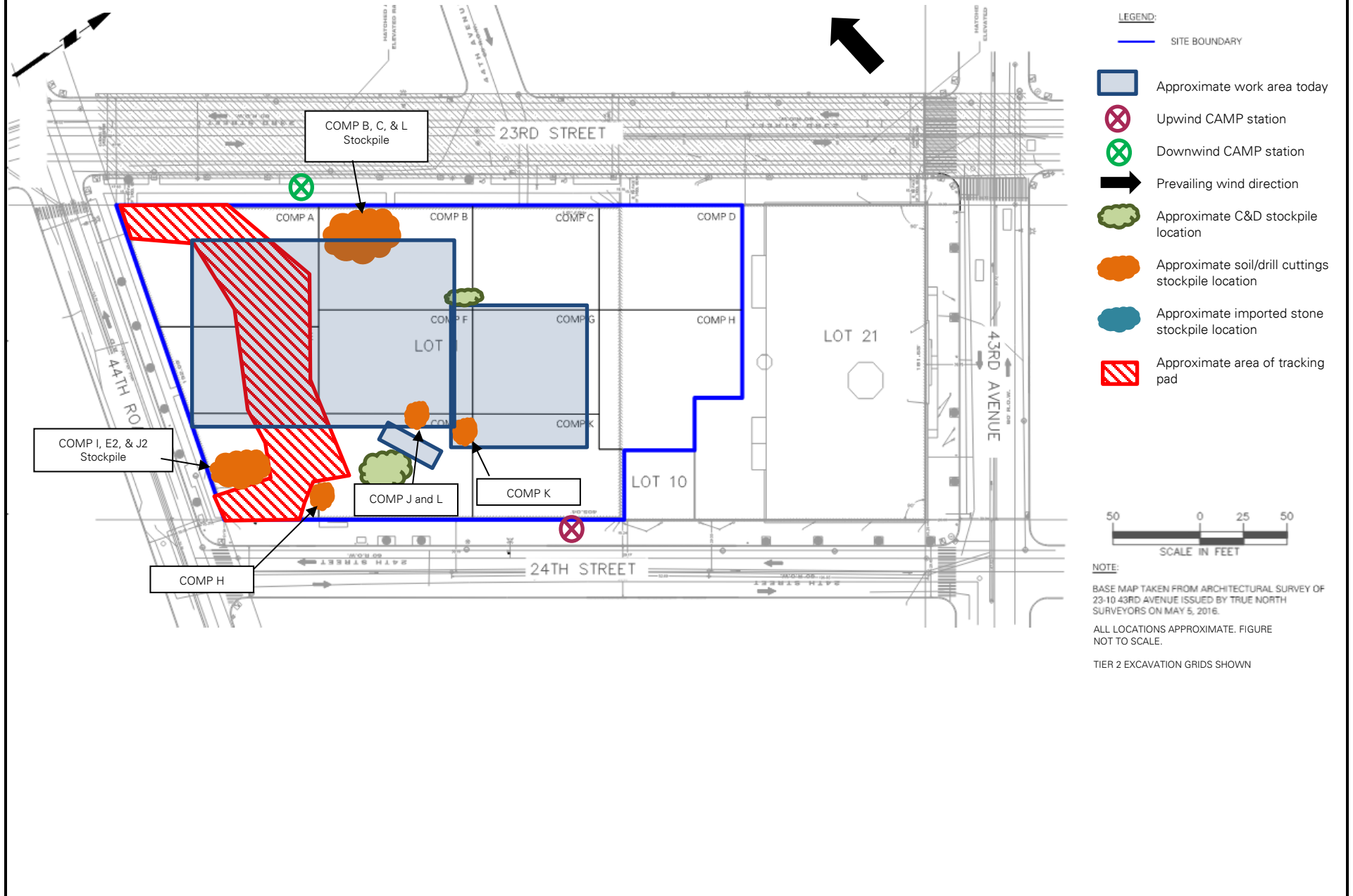


Photo 2: ECD importing 2'- 4'' tracking pad stone in the southwestern part of site (facing northwest).

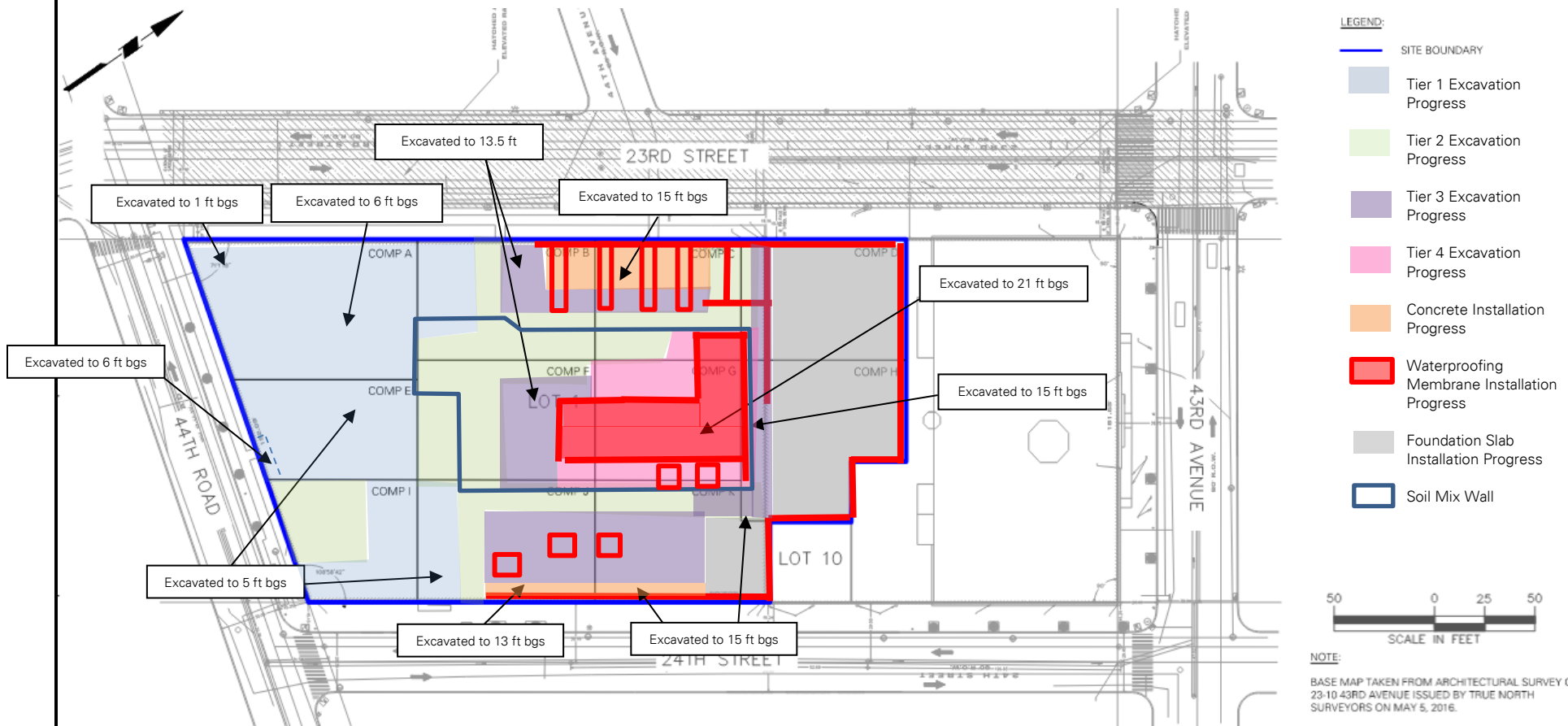


Photo 3: ECD backfilling imported stone in the southern part of the site (facing west).

Site Map 1:



Site Map 2:



NOTE:
 BASE MAP TAKEN FROM ARCHITECTURAL SURVEY OF
 23-10 43RD AVENUE ISSUED BY TRUE NORTH
 SURVEYORS ON MAY 5, 2016.

ALL LOCATIONS APPROXIMATE. FIGURE
 NOT TO SCALE.

TIER 2 EXCAVATION GRIDS SHOWN

PROJECT No.: 170362702	CLIENT:	DATE: Monday, January 23, 2023
PROJECT: 23-15 44 th Road	CP VIII LIC Owner, LLC	WEATHER: Rain; 34 - 41 F, Wind: NW 8 – 13 mph
LOCATION: Long Island City, New York		TIME: 6:30 a.m. – 3:30 p.m.
BCP SITE ID: C241189		MONITOR: Caroline Devin
EQUIPMENT: 1 CAT 355F Excavator 1 CAT 313BC Excavator 1 Hitachi 135US Excavator	PRESENT AT SITE: Langan: Caroline Devin, Jared Rogovin ECD: Justin Brennan Carmel Partners: Craig Goldberg, Angelo Ingrati	

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated July 16, 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD poured concrete for foundation slab within the soil mix wall in the central part of the site on Saturday, January 21.
- ECD installed rebar in the central and western parts of the site.
- ECD used a CAT313BC excavator to grade an area about 20 feet long by 12 feet wide in waste characterization grids (WCGs) COMP E2 and I. Excess material generated was added to the existing stockpile in WCG COMP I.
- ECD used a CAT 355F excavator to load trucks with the previously stockpiled soil/fill in WCG COMP I for offsite disposal to Middlesex County Utilities Authority Landfill (MCUA), in East Brunswick, NJ. Stockpiled material consisted of soil/fill from WCGs COMP E2, I and J2.

Material Tracking

- No material was imported to the site.

Import Summary								
Facility/Material	2"– 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ		Wharton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0	0	0
Total	9	221.94	19	465.37	12	302.46	22	550.11
DEC Approved Amount	480 Tons*		960 Tons*		480 Tons*		1,600 Tons*	

Facility/Material	ASTM #57 Stone		ASTM #57 Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0
Total	0	0	1	24.30	0	0
DEC Approved Amount	1,600 Tons*		1,600 Tons*		1,600 Tons*	

*Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- ECD exported 6 loads (120 CY) of non-hazardous soil/fill to MCUA from the following waste characterization grids:
 - COMP E2 (5-10)', COMP I (5-10)', COMP J2 (5-10)'

Soil/Fill Export Summary			
Facility	Exported	Today	Total
Cycle Chem, Inc. Elizabeth, NJ Hazardous Soil/Fill	No. Loads	0	54
	Quantity (CY)	0	1,080
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	0	211
	Quantity (CY)	0	4,220
Middlesex County Utilities Authority Landfill East Brunswick, NJ Non-Hazardous Soil/Fill	No. Loads	6	1,182
	Quantity (CY)	120	23,640
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	96
	Quantity (CY)	0	1,920

Samples collected

- None.

Community Air Monitoring Plan (CAMP) Activities

- Community air monitoring was not implemented due to inclement weather.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing formwork and rebar in the central part of the site.

SITE PHOTOGRAPHS:



Photo 1: ECD grading in the southern part of the site (WCGs E2 and I, facing west).



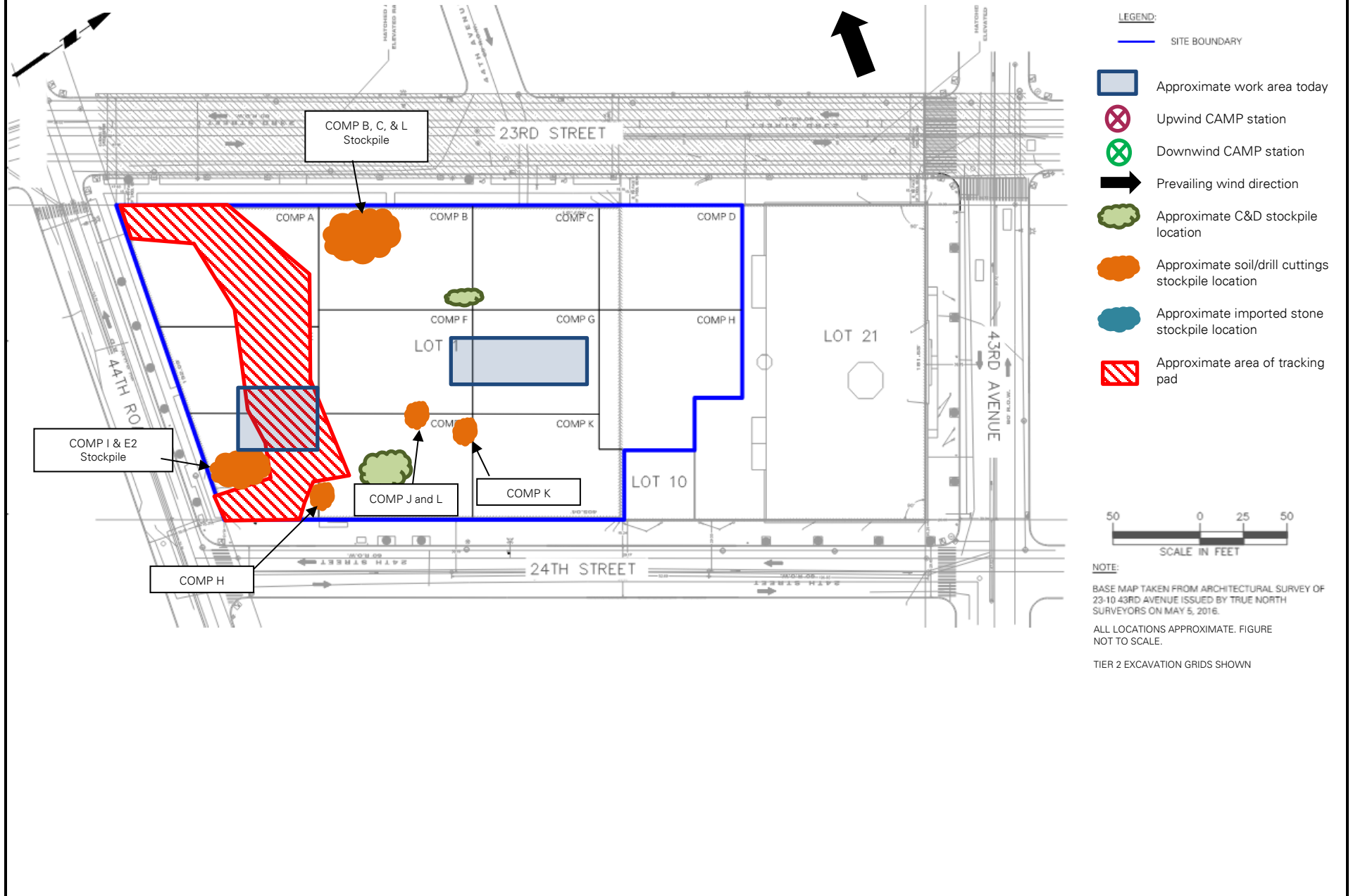
Photo 2: ECD loading a truck with fill/soil for export off-site (facing northwest).

SITE PHOTOGRAPHS CONTINUED:

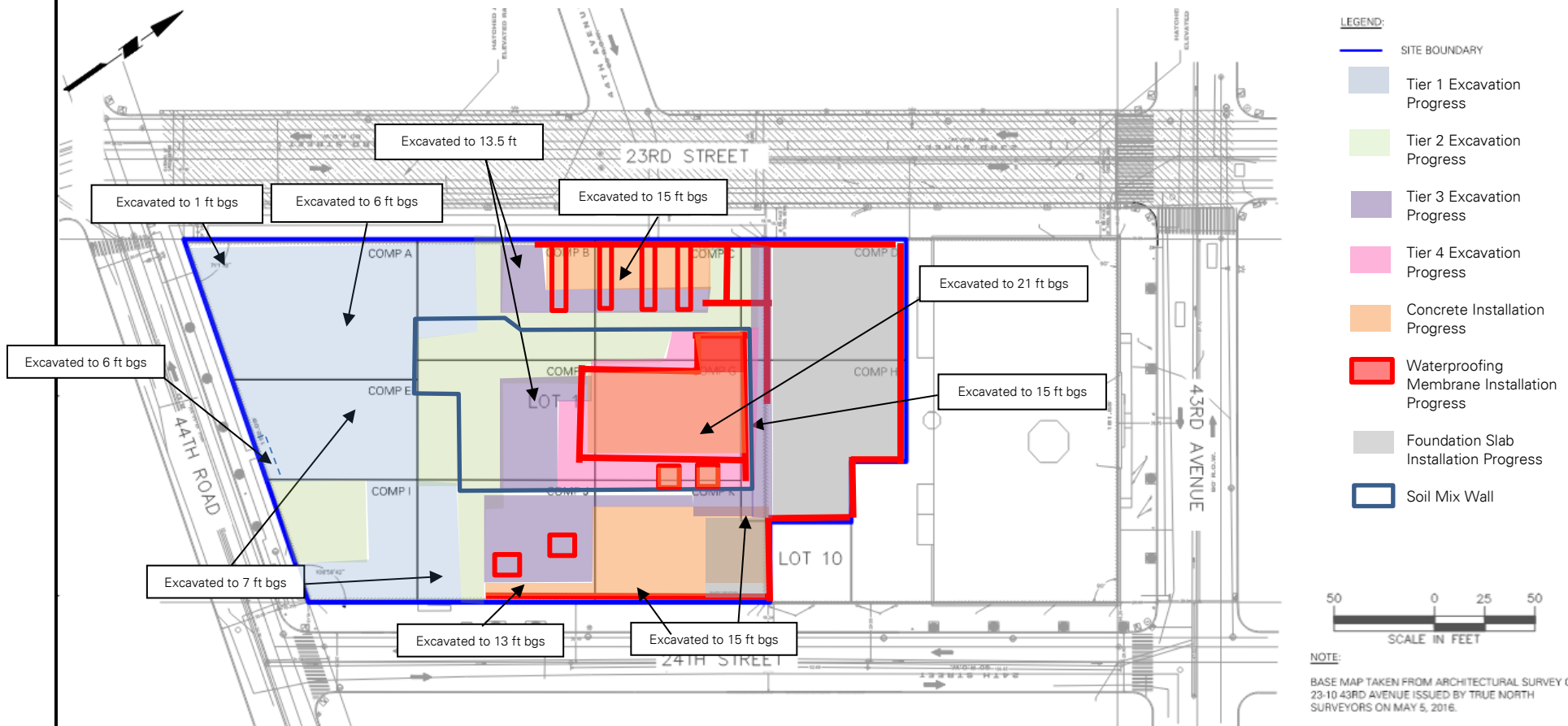


Photo 3: ECD securing truck cover with bungee cords for export off-site (facing southwest).

Site Map 1:



Site Map 2:



PROJECT No.: 170362702	CLIENT:	DATE: Tuesday, January 24, 2023
PROJECT: 23-15 44 th Road	CP VIII LIC Owner, LLC	WEATHER: Partly Cloudy; 36 - 46 F, Wind: W 3.9 – 12.7 mph
LOCATION: Long Island City, New York		TIME: 6:30 a.m. – 5:30 p.m.
BCP SITE ID: C241189		MONITOR: Caroline Devin
EQUIPMENT: 1 CAT 355F Excavator 1 CAT 313BC Excavator 1 Hitachi 135US Excavator	PRESENT AT SITE: Langan: Caroline Devin, Jared Rogovin ECD: Justin Brennan Carmel Partners: Craig Goldberg, Angelo Ingrati	

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated July 16, 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD installed formwork and rebar in the central part of the site.
- ECD installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane horizontally and vertically along the foundation walls, foundation slab and pile caps in waste characterization grids (WCG) COMP J, G and K in the eastern part of site.
- ECD used a CAT355F excavator to grade an area about 35 feet long by 22 feet wide in WCGs COMP E2, F and I. No excess material was generated from grading activities.
- ECD used a CAT 355F excavator to load trucks with the previously stockpiled soil/fill and site ramp material in WCG COMP I for offsite disposal to P Park NJ LLC (P Park), in Prospect Park, NJ. Stockpiled and ramp material consisted of soil/fill from WCGs COMP E2 and I.
- ECD used a CAT355F excavator to excavate an area about 50 feet long by 37 feet wide by 12 feet deep (corresponding to 12 feet below former site grade [bfsg]) in WCGs COMP I and E. About 400 cubic yards of excavated soil/fill was live-loaded for off-site disposal. The remainder of material was stockpiled adjacent to the excavated area pending off-site disposal.
- ECD used a CAT355F excavator to relocate the soil stockpile from WCG COMP E (consisting of material from WCG COMP H) to WCG COMP J. The material was stockpiled on and covered with polyethylene sheeting.
- ECD used a CAT355F excavator to backfill and grade a plumbing trench in WCG COMP J with previously excavated material from the area for mat slab concrete pouring.
- ECD poured concrete for mat slab and foundation slab in WCGs COMP J and K in the eastern part of the site.

Material Tracking

- No material was imported to the site.

Import Summary								
Facility/Material	2"– 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ		Wharton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0	0	0
Total	9	221.94	19	465.37	12	302.46	22	550.11
DEC Approved Amount	480 Tons*		960 Tons*		480 Tons*		1,600 Tons*	

Facility/Material	ASTM #57 Stone		ASTM #57 Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0
Total	0	0	1	24.30	0	0
DEC Approved Amount	1,600 Tons*		1,600 Tons*		1,600 Tons*	

*Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- ECD exported 26 loads (520 CY) of non-hazardous soil/fill to P Park from the following waste characterization grids:
 - COMP E2 (5-10)', COMP I (5-10)' and COMP I (10-15)'.

Soil/Fill Export Summary			
Facility	Exported	Today	Total
Cycle Chem, Inc. Elizabeth, NJ Hazardous Soil/Fill	No. Loads	0	54
	Quantity (CY)	0	1,080
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	0	211
	Quantity (CY)	0	4,220
Middlesex County Utilities Authority Landfill East Brunswick, NJ Non-Hazardous Soil/Fill	No. Loads	0	1,182
	Quantity (CY)	0	23,640
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	96
	Quantity (CY)	0	1,920
P Park NJ LLC Prospect Park NJ NJ Residential/Non-Hazardous Soil/Fill	No. Loads	26	26
	Quantity (CY)	520	520

Samples collected

- Langan collected one confirmation end-point sample from the base of soil excavation in WCG COMP I (about 12 feet bfg). Sample EP24_4 was submitted for analysis to York Analytical Laboratories of Stratford, Connecticut for Part 375 VOCs, SVOCs, Metals, PCBs, PFAS (EPA 1633), 1,4-dioxane, Hexavalent Chromium, Cyanide, and Pesticides/Herbicides.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 μm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing formwork and rebar in the central part of the site.

SITE PHOTOGRAPHS:

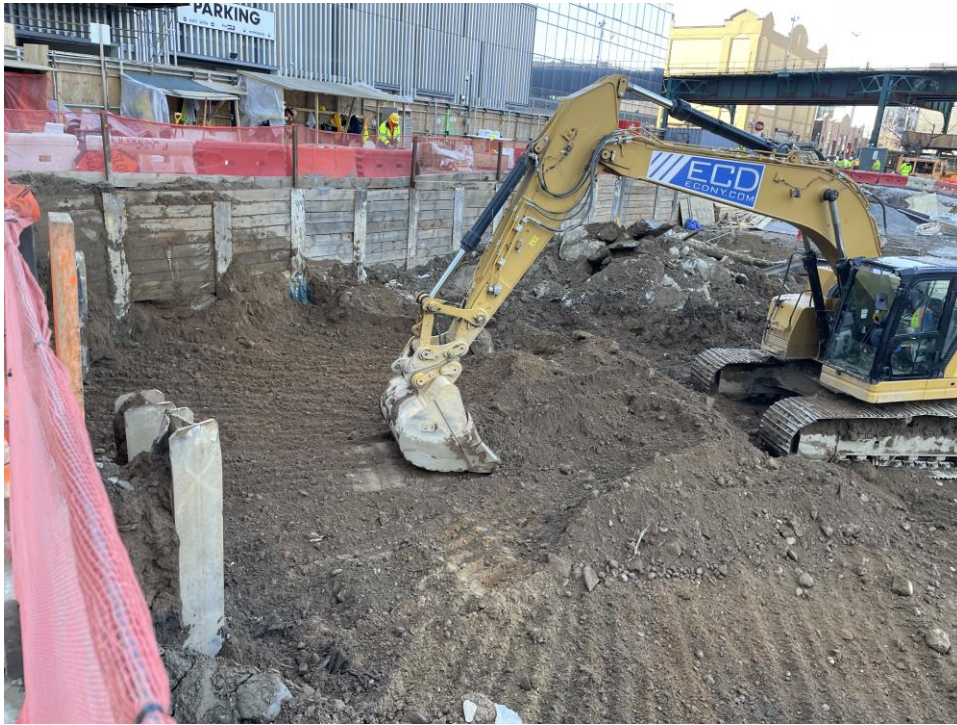


Photo 1: ECD excavating in the southeastern part of the site (WCG I, facing southwest).



Photo 2: ECD loading a truck with fill/soil for export off-site (facing northeast).

SITE PHOTOGRAPHS CONTINUED:

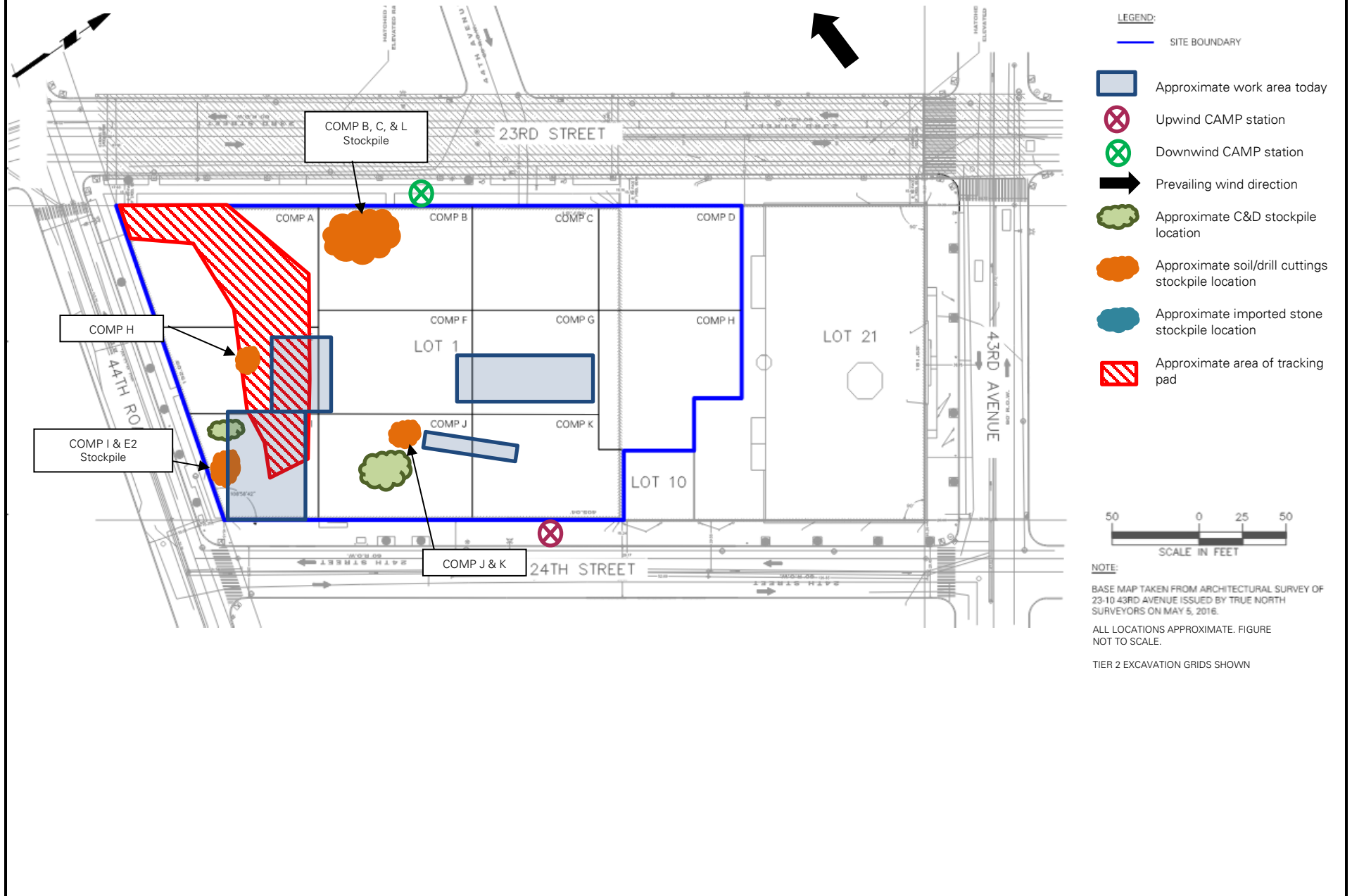


Photo 3: ECD installing waterproofing in the northeastern part of the site (facing northwest).

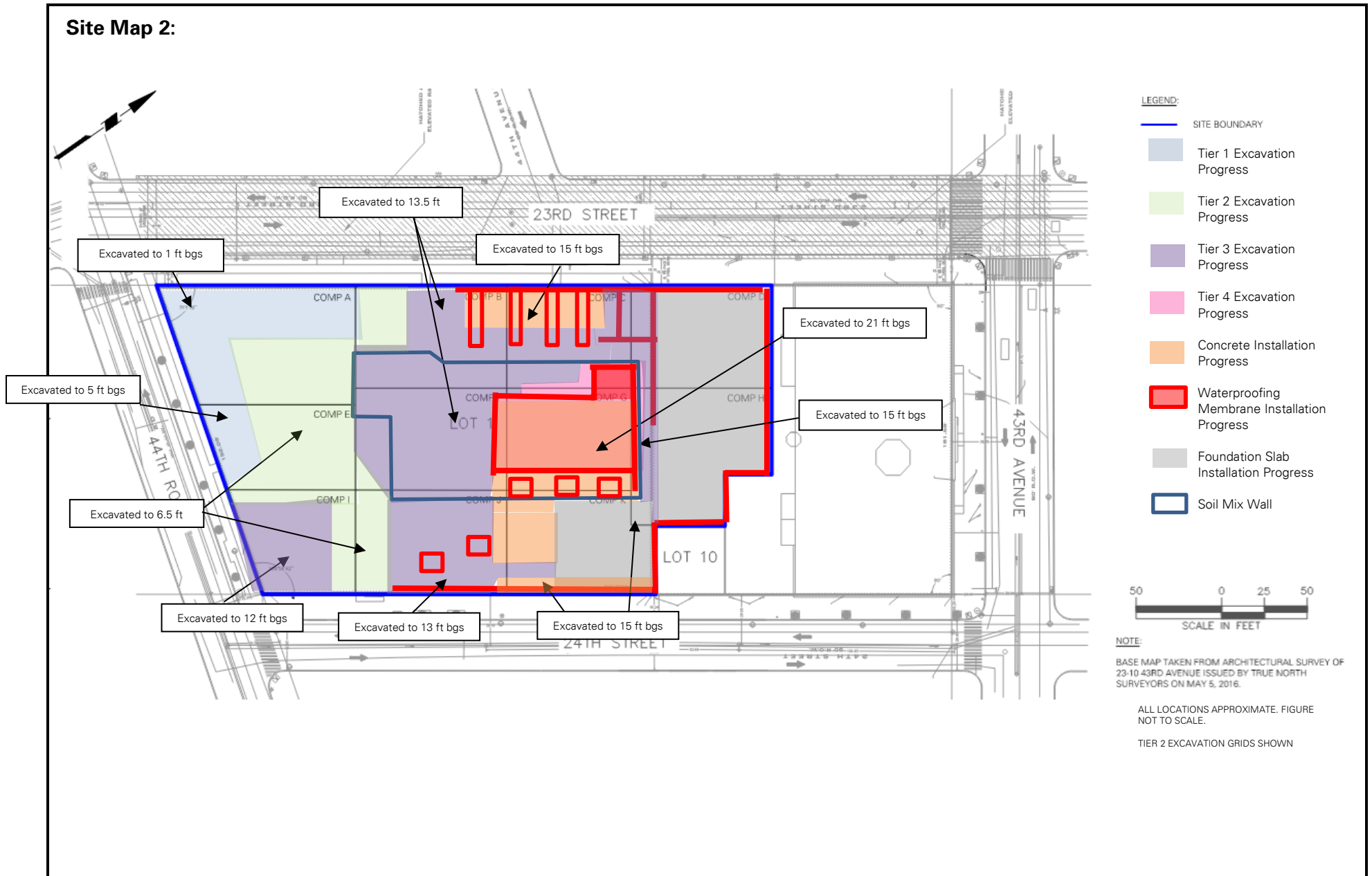


Photo 4: ECD securing truck cover with bungee cords for export off-site (facing south).

Site Map 1:



Site Map 2:



PROJECT No.: 170362702	CLIENT:	DATE: Wednesday, January 25, 2023
PROJECT: 23-15 44 th Road	CP VIII LIC Owner, LLC	WEATHER: Overcast/Rain; 36 - 41 F, Wind: E 0.6 – 4.0 mph
LOCATION: Long Island City, New York		TIME: 6:30 a.m. – 3:30 p.m.
BCP SITE ID: C241189		MONITOR: Caroline Devin
EQUIPMENT: 1 CAT 355F Excavator 1 CAT 313BC Excavator 1 Hitachi 135US Excavator	PRESENT AT SITE: Langan: Caroline Devin, Jared Rogovin ECD: Justin Brennan Carmel Partners: Craig Goldberg, Angelo Ingrati	

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated July 16, 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD installed formwork and rebar in the central part of the site.
- ECD installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane horizontally and vertically along the foundation walls and foundation slab in waste characterization grids (WCG) COMP J, G and K in the eastern part of site.
- ECD used a CAT 355F excavator to load trucks with a portion of the previously stockpiled soil/fill and site ramp material in WCG COMP I for offsite disposal to P Park NJ LLC (P Park), in Prospect Park, NJ. Stockpiled and ramp material consisted of soil/fill from WCGs COMP E2 and I.
- ECD used a CAT355F excavator to excavate an area about 25 feet long by 15 feet wide by 10 feet deep (corresponding to 12 feet below former site grade [bfsg]) in WCGs COMP I and E. Excavated soil/fill was live-loaded for off-site disposal.
- ECD used a Hitachi 135US to remove the sidewalk concrete across an area about 80-feet long by 12-feet wide along the eastern side outside of the site for tower crane installation. Excavated concrete was stockpiled in COMP I pending off-site disposal.

Material Tracking

- No material was imported to the site.

Import Summary								
Facility/Material	2" – 4" Tracking Pad Stone		2" – 4" Tracking Pad Stone		2" – 4" Tracking Pad Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ		Wharton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0	0	0
Total	9	221.94	19	465.37	12	302.46	22	550.11
DEC Approved Amount	480 Tons*		960 Tons*		480 Tons*		1,600 Tons*	

Facility/Material	ASTM #57 Stone		ASTM #57 Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0
Total	0	0	1	24.30	0	0
DEC Approved Amount	1,600 Tons*		1,600 Tons*		1,600 Tons*	

*Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- ECD exported 5 loads (100 CY) of non-hazardous soil/fill to P Park from the following waste characterization grids:
 - COMP E2 (5-10)', COMP I (5-10)' and COMP I (10-15)'.

Soil/Fill Export Summary			
Facility	Exported	Today	Total
Cycle Chem, Inc. Elizabeth, NJ Hazardous Soil/Fill	No. Loads	0	54
	Quantity (CY)	0	1,080
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	0	211
	Quantity (CY)	0	4,220
Middlesex County Utilities Authority Landfill East Brunswick, NJ Non-Hazardous Soil/Fill	No. Loads	0	1,182
	Quantity (CY)	0	23,640
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	96
	Quantity (CY)	0	1,920
P Park NJ LLC Prospect Park NJ NJ Residential/Non-Hazardous Soil/Fill	No. Loads	5	31
	Quantity (CY)	100	620

Samples collected

- None.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP except for the instance noted below. Fugitive dust or odors associated with intrusive activities were not observed.
 - Particulate concentrations at the downwind station exceeded action levels between 9:39 AM to 9:51 AM due to housekeeping activities. Activities were stopped and equipment was recalibrated. Exceedances were not related to ground intrusive activity and levels returned to normal when housekeeping activities ceased.
 - Air monitoring was suspended at 1:00 PM due to inclement weather.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing formwork and rebar in the central part of the site.

SITE PHOTOGRAPHS:



Photo 1: ECD excavating in the southeastern part of the site (WCG I, facing southwest).



Photo 2: ECD loading a truck with fill/soil for export off-site (facing northwest).

SITE PHOTOGRAPHS CONTINUED:

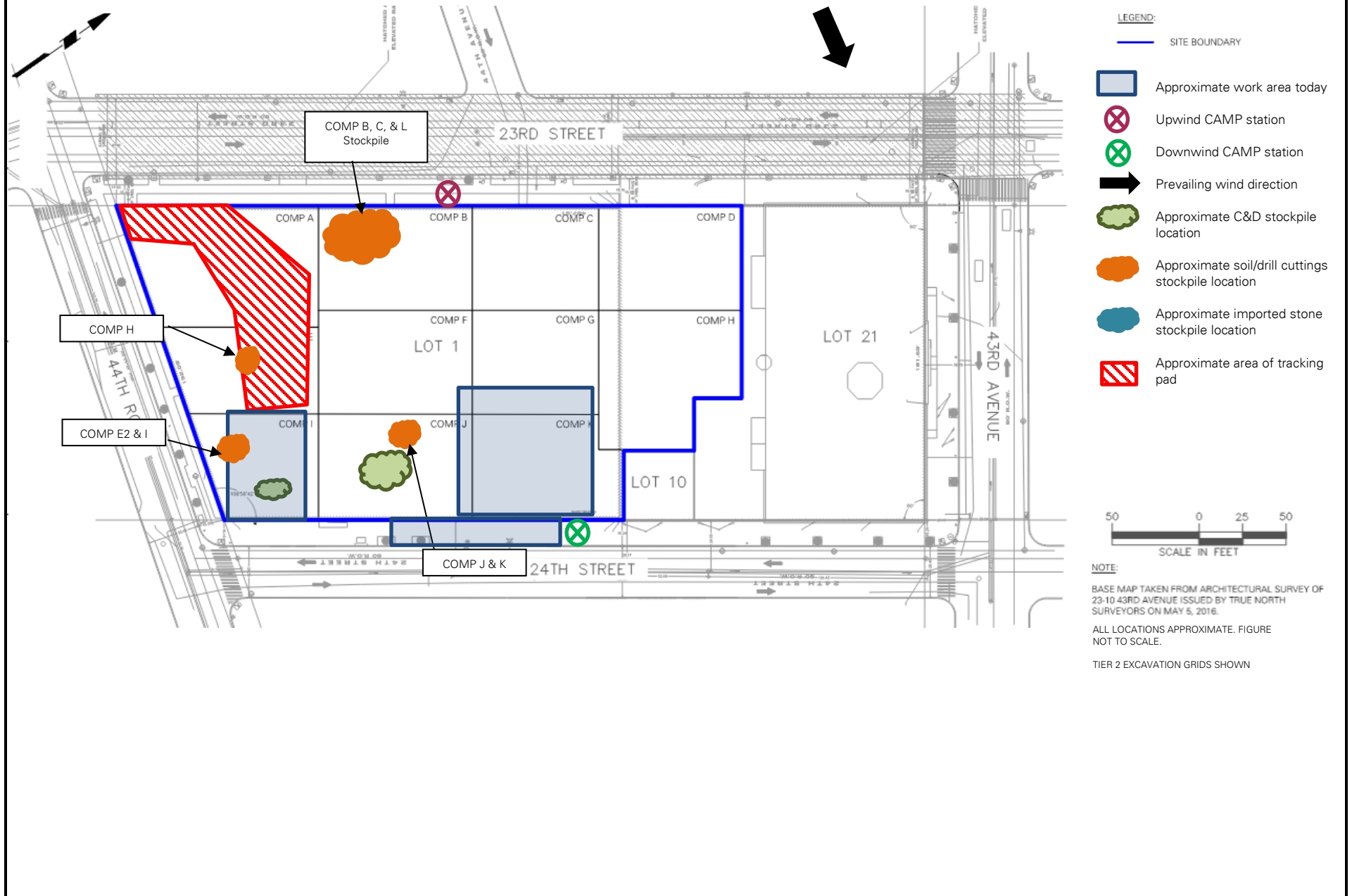


Photo 3: ECD installing waterproofing in the northeastern part of the site (facing west).





Photo 4: Securing a truck cover with bungee cords for export off-site (facing southwest).

Site Map 1:



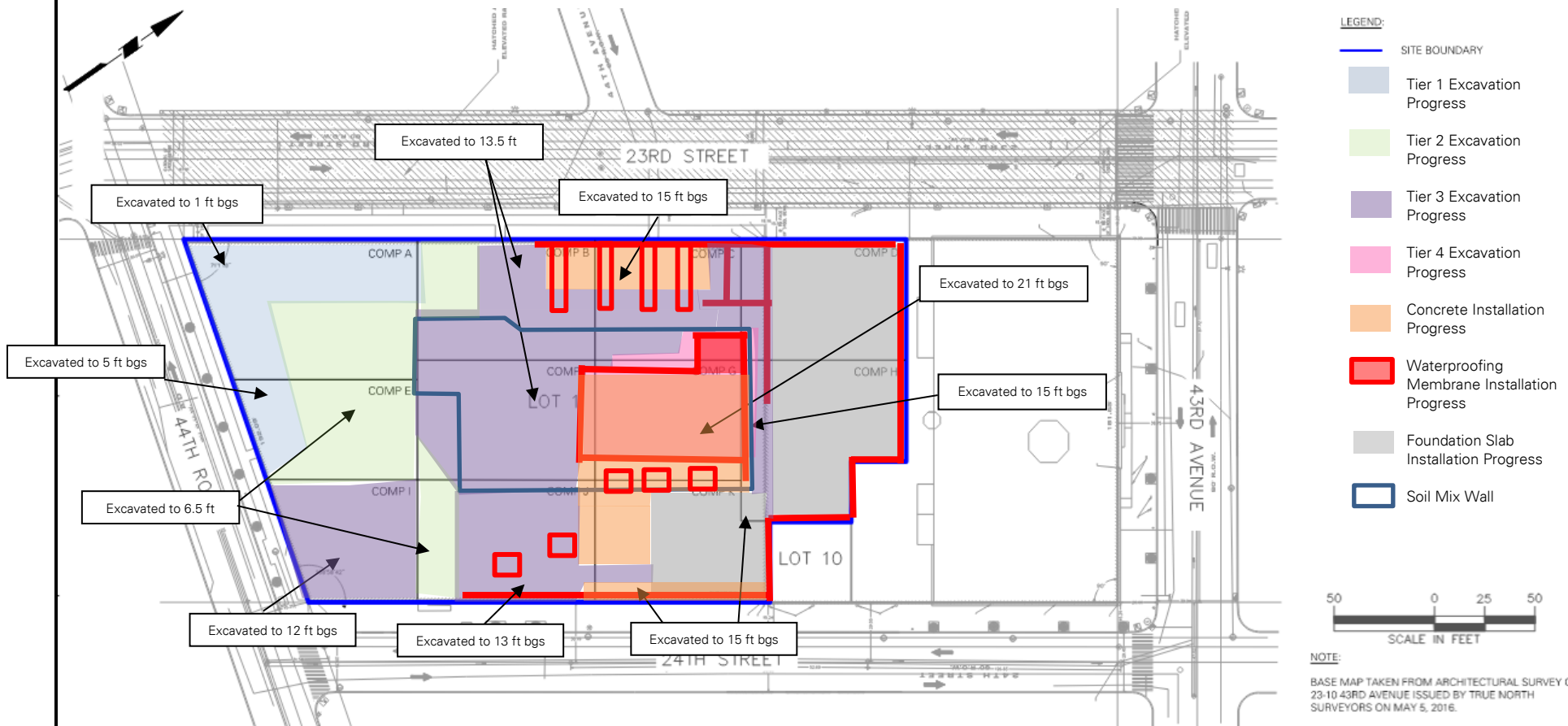
LEGEND:

-  SITE BOUNDARY
-  Approximate work area today
-  Upwind CAMP station
-  Downwind CAMP station
-  Prevailing wind direction
-  Approximate C&D stockpile location
-  Approximate soil/drill cuttings stockpile location
-  Approximate imported stone stockpile location
-  Approximate area of tracking pad



NOTE:
 BASE MAP TAKEN FROM ARCHITECTURAL SURVEY OF 23-10 43RD AVENUE ISSUED BY TRUE NORTH SURVEYORS ON MAY 5, 2016.
 ALL LOCATIONS APPROXIMATE. FIGURE NOT TO SCALE.
 TIER 2 EXCAVATION GRIDS SHOWN

Site Map 2:



PROJECT No.: 170362702	CLIENT:	DATE: Thursday, January 26, 2023
PROJECT: 23-15 44 th Road	CP VIII LIC Owner, LLC	WEATHER: Overcast; 44 - 46 F, Wind: W 6.2 – 9.8 mph
LOCATION: Long Island City, New York		TIME: 6:45 a.m. – 3:45 p.m.
BCP SITE ID: C241189		MONITOR: Caroline Devin
EQUIPMENT: 1 CAT 355F Excavator 1 CAT 313BC Excavator 1 Hitachi 135US Excavator		PRESENT AT SITE: Langan: Caroline Devin, Jared Rogovin ECD: Justin Brennan Carmel Partners: Craig Goldberg, Angelo Ingrati

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated July 16, 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD installed formwork and rebar in the central part of the site.
- ECD installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane horizontally and vertically along the foundation walls and foundation slab in waste characterization grids (WCG) COMP J, G and K in the eastern part of site.
- ECD used a CAT 355F excavator to load a truck with a portion of the previously stockpiled soil/fill and site ramp material in WCG COMP I for offsite disposal to P Park NJ LLC (P Park), in Prospect Park, NJ. Stockpiled and ramp material consisted of soil/fill from WCGs COMP E2 and I.
- ECD imported 2 truckloads of ASTM #57 stone from Mt. Hope Quarry – Tilcon New York Inc. in Wharton, New Jersey. Imported material was stockpiled in WCG COMP A and used to backfill the sidewalk area along the eastern side of the site.
- ECD used a CAT355F excavator to excavate an area about 15 feet long by 10 feet wide by 6 feet deep (corresponding to 12 feet below former site grade [bfsg]) in WCGs COMP I and J. About 20 cubic yards (CY) of excavated soil/fill was live-loaded for off-site disposal. The remaining excavated soil/fill was stockpiled in COMP I for off-site disposal.
- ECD used a CAT313BC excavator to grade an area about 22 feet long by 10 feet wide in WCG COMP C. No excess material was generated.
- ECD backfilled an area about 140 feet long by 12 feet wide on the eastern sidewalk with 0.75-inch ASTM #57 stone.
- ECD poured concrete for the sidewalk on the southwestern and eastern parts of the site.
- ECD poured concrete for mat slab in WCG COMP C in the northwestern part of the site.

Material Tracking

- ECD imported 2 truckloads (approximately 50.65 tons) of ASTM #57 stone from Tilcon Mount Hope Quarry in Wharton, New Jersey.

Import Summary								
Facility/Material	2" – 4" Tracking Pad Stone		2" – 4" Tracking Pad Stone		2" – 4" Tracking Pad Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ		Wharton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0	2	50.65
Total	9	221.94	19	465.37	12	302.46	24	600.76
DEC Approved Amount	480 Tons*		960 Tons*		480 Tons*		1,600 Tons*	

Facility/Material	ASTM #57 Stone		ASTM #57 Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0
Total	0	0	1	24.30	0	0
DEC Approved Amount	1,600 Tons*		1,600 Tons*		1,600 Tons*	

*Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- ECD exported 1 load (20 CY) of non-hazardous soil/fill to P Park from the following waste characterization grids:
 - COMP E2 (5-10)', COMP I (5-10)' and COMP I (10-15)'.

Soil/Fill Export Summary			
Facility	Exported	Today	Total
Cycle Chem, Inc. Elizabeth, NJ Hazardous Soil/Fill	No. Loads	0	54
	Quantity (CY)	0	1,080
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	0	211
	Quantity (CY)	0	4,220
Middlesex County Utilities Authority Landfill East Brunswick, NJ Non-Hazardous Soil/Fill	No. Loads	0	1,182
	Quantity (CY)	0	23,640
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	96
	Quantity (CY)	0	1,920
P Park NJ LLC Prospect Park NJ NJ Residential/Non-Hazardous Soil/Fill	No. Loads	1	32
	Quantity (CY)	20	640

Samples collected

- None.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing formwork and rebar in the central part of the site.

SITE PHOTOGRAPHS:



Photo 1: ECD loading a truck with fill/soil for export off-site (facing north).

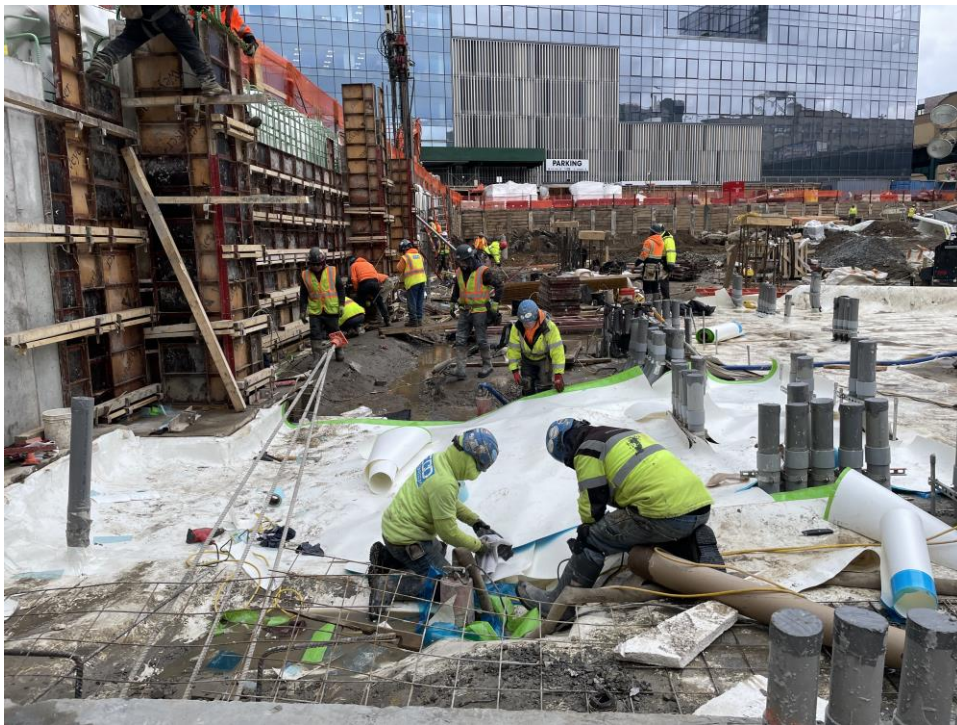


Photo 3: ECD installing waterproofing in the northeastern part of the site (facing south).

SITE PHOTOGRAPHS CONTINUED:

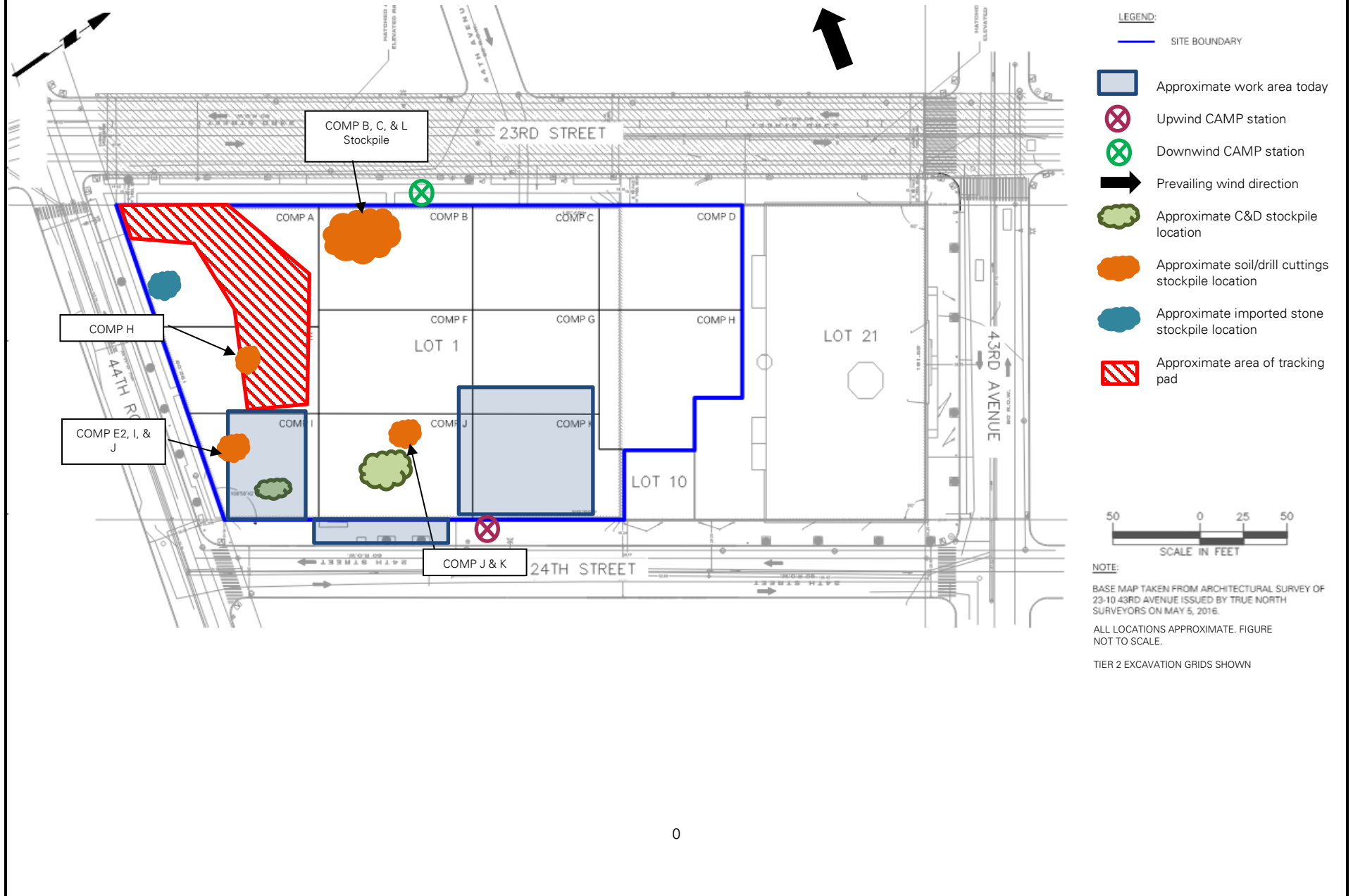


Photo 3: ECD importing 0.75-inch stone in the southwestern part of the site (facing west).

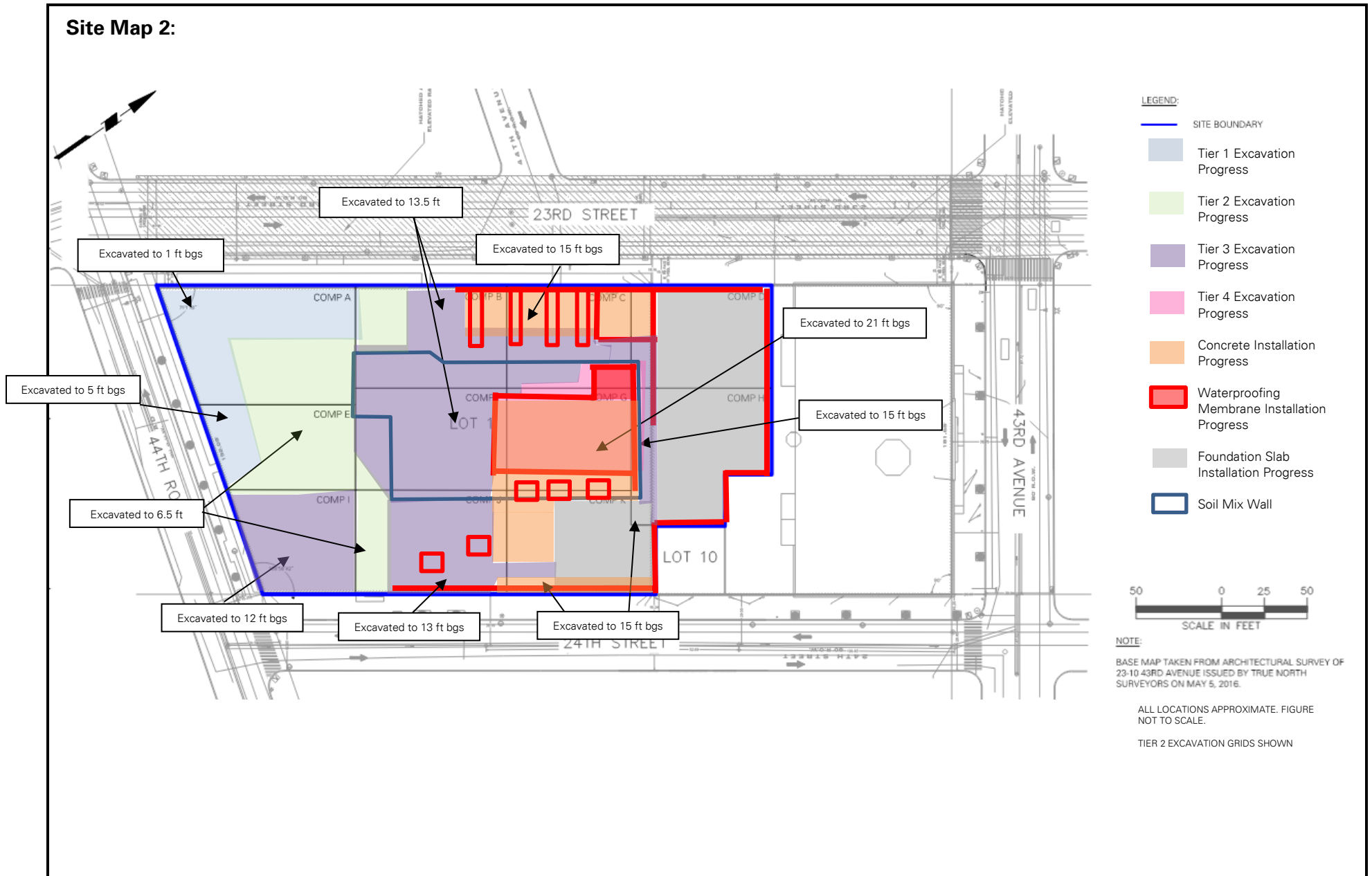


Photo 4: Securing truck cover with bungee cords for export off-site (facing southwest).

Site Map 1:



Site Map 2:



LANGAN SITE OBSERVATION REPORT – RAWP Day 199

PROJECT No.: 170362702 PROJECT: 23-15 44 th Road LOCATION: Long Island City, New York BCP SITE ID: C241189	CLIENT: CP VIII LIC Owner, LLC	DATE: Friday, January 27, 2023 WEATHER: Partly Cloudy; 36 - 43 F, Wind: W 0.6 – 5.4 mph TIME: 6:45 a.m. – 5:15 p.m. MONITOR: Caroline Devin
EQUIPMENT: 1 CAT 355F Excavator 1 CAT 313BC Excavator 1 Hitachi 135US Excavator	PRESENT AT SITE: Langan: Caroline Devin, Hiral Patel ECD: Justin Brennan Carmel Partners: Craig Goldberg, Angelo Ingrati	

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated July 16, 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD installed formwork and rebar in the central part of the site.
- ECD installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane horizontally and vertically along the foundation walls, foundation slab and pile caps in waste characterization grids (WCG) COMP C, K, and G in the eastern and northwestern parts of site.
- ECD used a CAT355F excavator to excavate an area about 22 feet long by 8 feet wide by 2 feet deep (corresponding to 14 feet below former site grade [bfsg]) in WCGs COMP C, D and L for pile cap installation. Excavated material was added to a new stockpile in WCG COMP B.
- ECD used a CAT355F excavator to excavate two areas about 25 feet long by 20 feet wide by 7 feet deep (corresponding to 21 feet bfsg) in WCGs COMP C, G and L for pile cap installation. Excavated material was added to the stockpile in COMP B.
- ECD used a CAT313BC excavator to grade an area about 20 feet long by 15 feet wide in WCG COMP E. No excess material was generated.

Material Tracking

- No material was imported to the site.

Import Summary								
Facility/Material	2" – 4" Tracking Pad Stone		2" – 4" Tracking Pad Stone		2" – 4" Tracking Pad Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ		Wharton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0	0	0
Total	9	221.94	19	465.37	12	302.46	24	600.76
DEC Approved Amount	480 Tons*		960 Tons*		480 Tons*		1,600 Tons*	

Facility/Material	ASTM #57 Stone		ASTM #57 Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0
Total	0	0	1	24.30	0	0
DEC Approved Amount	1,600 Tons*		1,600 Tons*		1,600 Tons*	

*Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- No material was exported from the site.

Soil/Fill Export Summary			
Facility	Exported	Today	Total
Cycle Chem, Inc. Elizabeth, NJ Hazardous Soil/Fill	No. Loads	0	54
	Quantity (CY)	0	1,080
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	0	211
	Quantity (CY)	0	4,220
Middlesex County Utilities Authority Landfill East Brunswick, NJ Non-Hazardous Soil/Fill	No. Loads	0	1,182
	Quantity (CY)	0	23,640
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	96
	Quantity (CY)	0	1,920
P Park NJ LLC Prospect Park NJ NJ Residential/Non-Hazardous Soil/Fill	No. Loads	0	32
	Quantity (CY)	0	640

Samples collected

- None.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 μm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing formwork and rebar in the central part of the site.

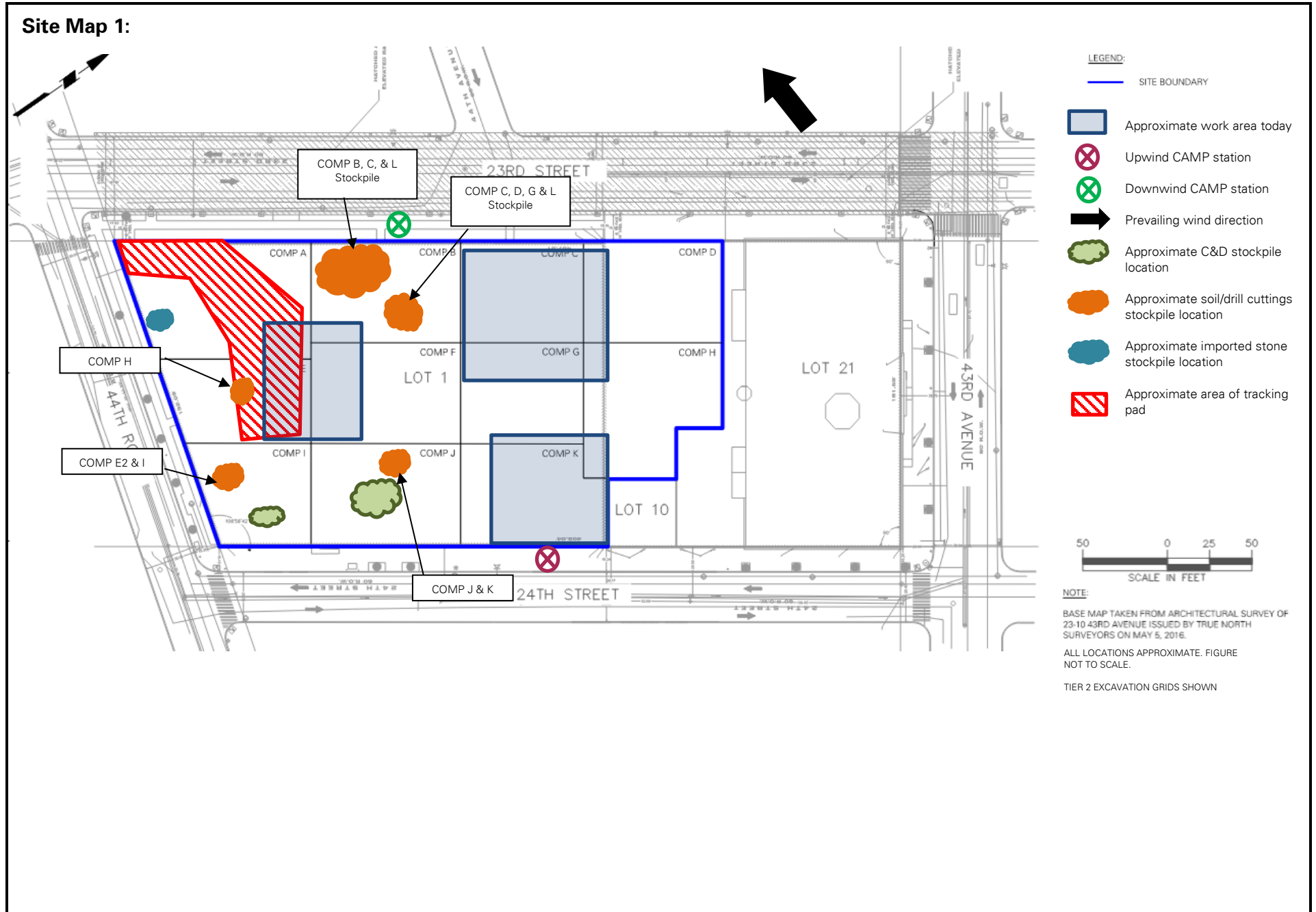
SITE PHOTOGRAPHS:



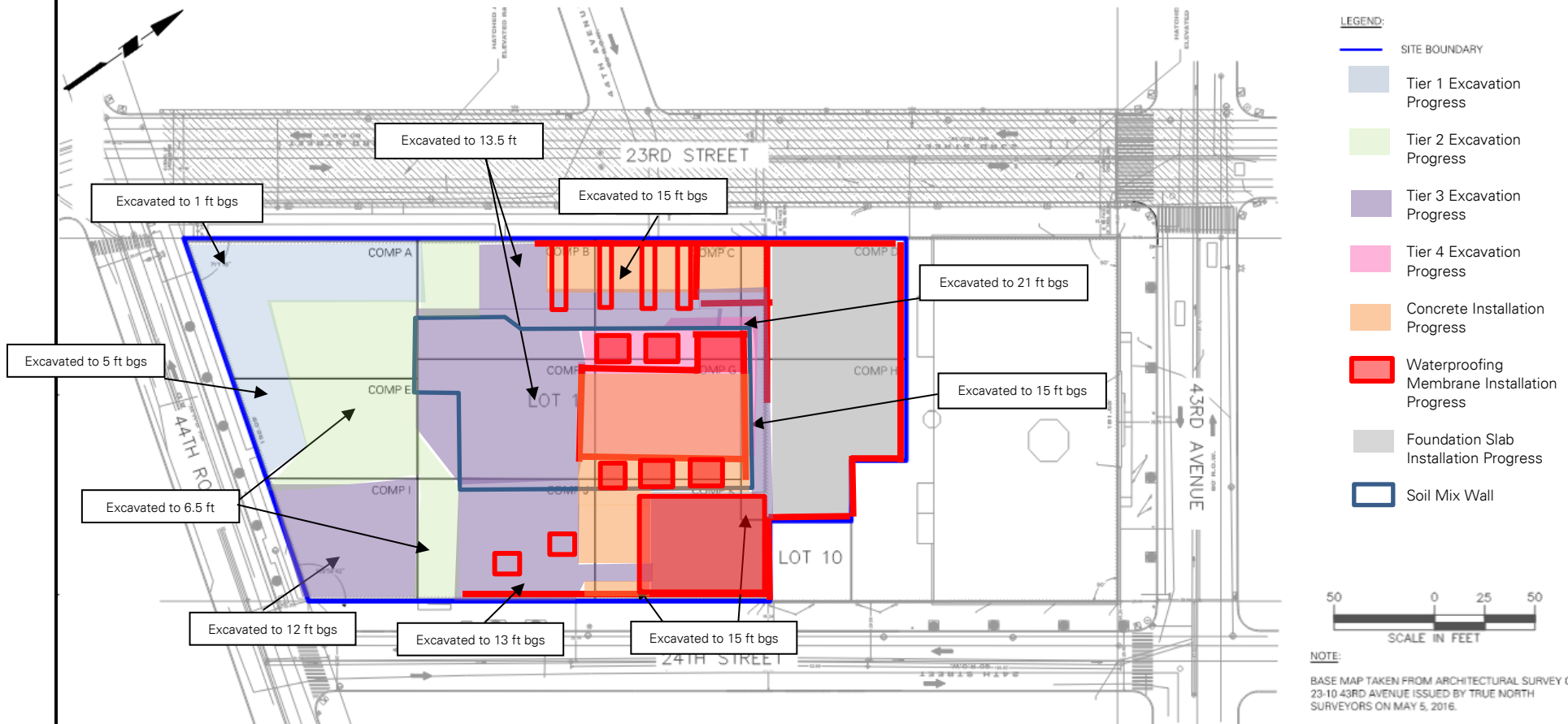
Photo 1: ECD excavating in the northwestern part of the site (WCG C, facing southeast).



Photo 2: ECD installing waterproofing in the northwestern part of the site (facing northeast).



Site Map 2:



PROJECT No.: 170362702	CLIENT:	DATE: Monday, January 30, 2023
PROJECT: 23-15 44 th Road	CP VIII LIC Owner, LLC	WEATHER: Partly Cloudy; 44 - 54 F, Wind: SSW 0.5 – 3.7 mph
LOCATION: Long Island City, New York		TIME: 6:30 a.m. – 6:15 p.m.
BCP SITE ID: C241189		MONITOR: Caroline Devin
EQUIPMENT: 1 CAT 355F Excavator 1 CAT 313BC Excavator 1 Hitachi 135US Excavator		PRESENT AT SITE: Langan: Caroline Devin, Jared Rogovin ECD: Justin Brennan Carmel Partners: Craig Goldberg, Angelo Ingrati

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated July 16, 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD installed formwork and rebar in the central part of the site.
- ECD installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane horizontally and vertically along the foundation slab and pile caps in waste characterization grids (WCG) COMP C, D and G in the northwestern part of site.
- ECD used a CAT313BC excavator to excavate an area about 15 feet long by 10 feet wide by 7 feet deep (corresponding to 21 feet bfg) in WCGs COMP B, F and L for pile cap installation. About 3 cubic yards (CY) of excavated material was temporarily stockpiled adjacent to the area. The remainder of excavated material was added to the stockpile in COMP B.
- ECD used a CAT313BC excavator to excavate an area about 15 feet long by 10 feet wide by 7 feet deep (corresponding to 21 feet bfg) in WCGs COMP C, G and L for pile cap installation. About 4 CY of excavated material was temporarily stockpiled adjacent to the area. The remainder of excavated material was added to the stockpile in COMP B.
- ECD used a CAT355F excavator to excavate an area about 31 feet long by 8 feet wide by 3 feet deep (corresponding to 15 feet bfg) in WCGs COMP J and I for support of excavation (SOE) lagging installation. Excavated material was added to the stockpile in COMP B.
- ECD used a CAT355F excavator to excavate an area about 28 feet long by 8 feet wide by 2 feet deep (corresponding to 15 feet bfg) in WCGs COMP J and K for mat slab concrete pouring. Excavated material was added to the stockpile in COMP B.
- ECD used a CAT355F excavator to relocate the stockpile in COMP J. Material was added to the existing stockpile in COMP B.
- ECD used a CAT313BC excavator to grade an area about 20 feet long by 15 feet wide in WCG COMP I and J. No excess material was generated.
- ECD poured concrete for mat slab in COMP B, C and K in the northwestern and northeastern parts of the site.

Material Tracking

- No material was imported to the site.

Import Summary								
Facility/Material	2" – 4" Tracking Pad Stone		2" – 4" Tracking Pad Stone		2" – 4" Tracking Pad Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ		Wharton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0	0	0
Total	9	221.94	20 ¹	490.34 ¹	12	302.46	24	600.76
DEC Approved Amount	480 Tons*		960 Tons*		480 Tons*		1,600 Tons*	

Facility/Material	ASTM #57 Stone		ASTM #57 Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0
Total	0	0	0 ¹	0 ¹	1 ¹	24.3 ¹
DEC Approved Amount	1,600 Tons*		1,600 Tons*		1,600 Tons*	

*Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

¹Amount updated with clarified import tickets from Earth Efficient

- No material was exported from the site.

Soil/Fill Export Summary			
Facility	Exported	Today	Total
Cycle Chem, Inc. Elizabeth, NJ Hazardous Soil/Fill	No. Loads	0	54
	Quantity (CY)	0	1,080
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	0	211
	Quantity (CY)	0	4,220
Middlesex County Utilities Authority Landfill East Brunswick, NJ Non-Hazardous Soil/Fill	No. Loads	0	1,182
	Quantity (CY)	0	23,640
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	96
	Quantity (CY)	0	1,920
P Park NJ LLC Prospect Park NJ NJ Residential/Non-Hazardous Soil/Fill	No. Loads	0	32
	Quantity (CY)	0	640

Samples collected

- None.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 μm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing formwork and rebar in the central part of the site.

SITE PHOTOGRAPHS:



Photo 1: ECD excavating in the northeastern part of the site (WCG K, facing southwest).

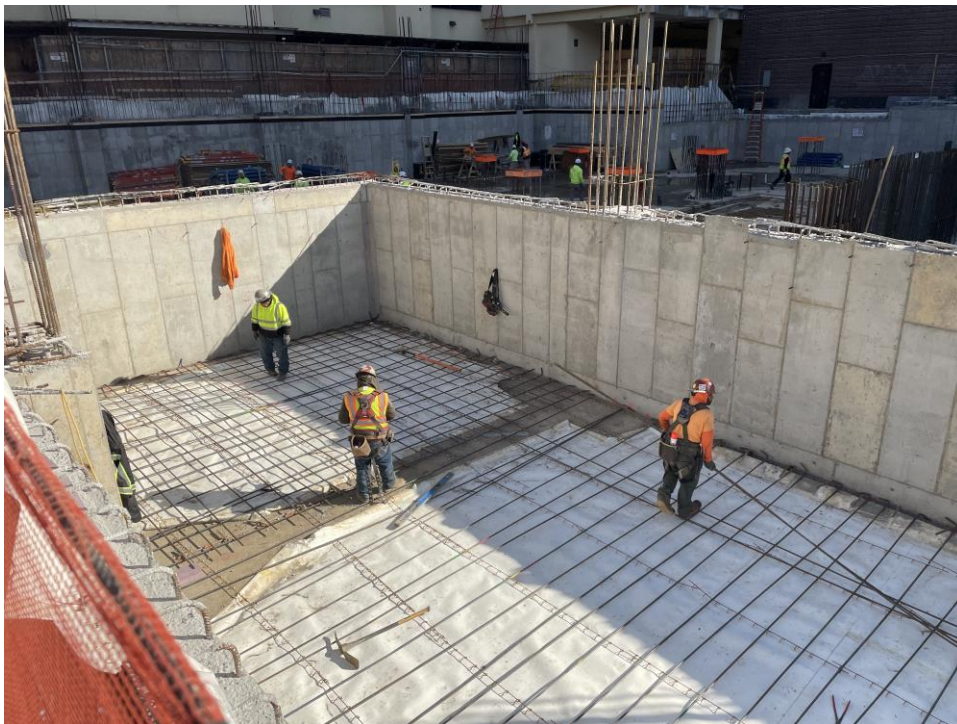


Photo 2: ECD installing rebar in the northwestern part of the site (facing northeast).

SITE PHOTOGRAPHS CONTINUED:

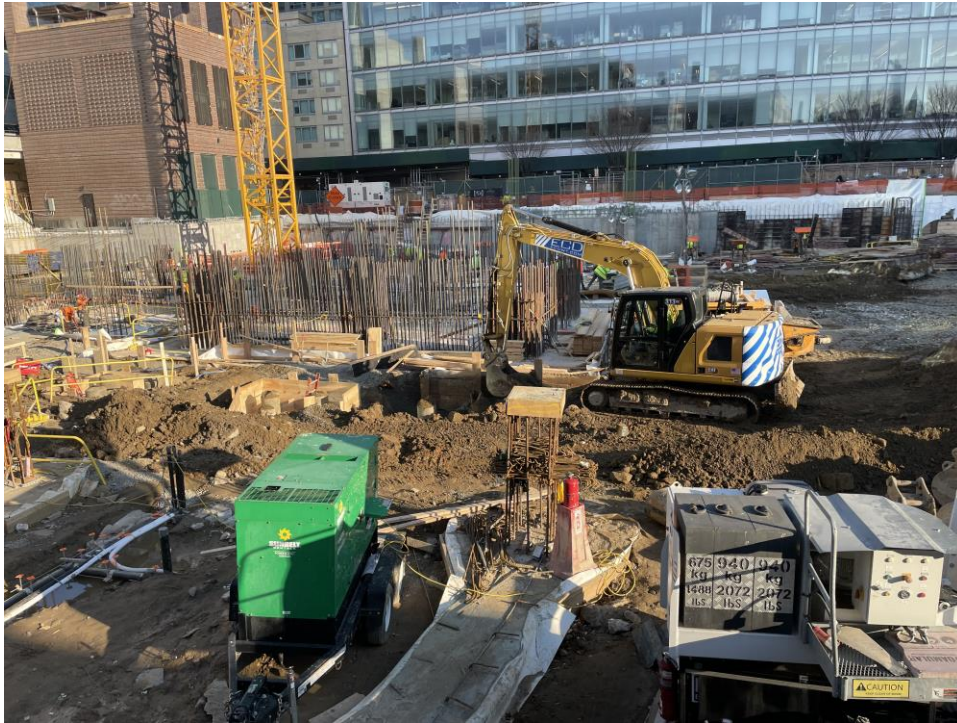


Photo 3: ECD excavating in the western part of the site (WCG B, facing east).

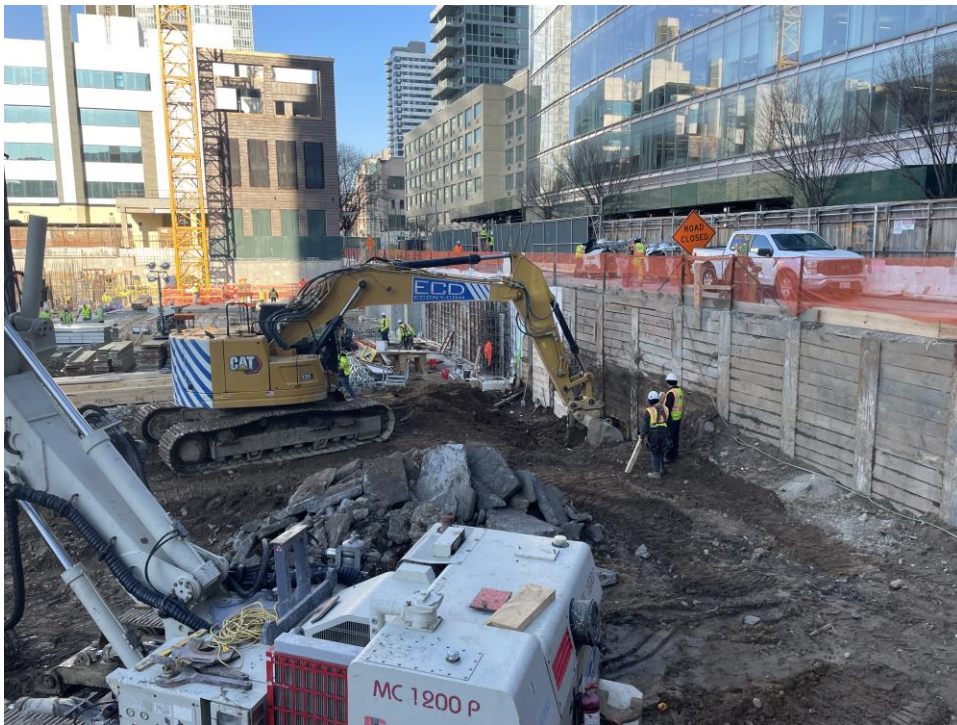
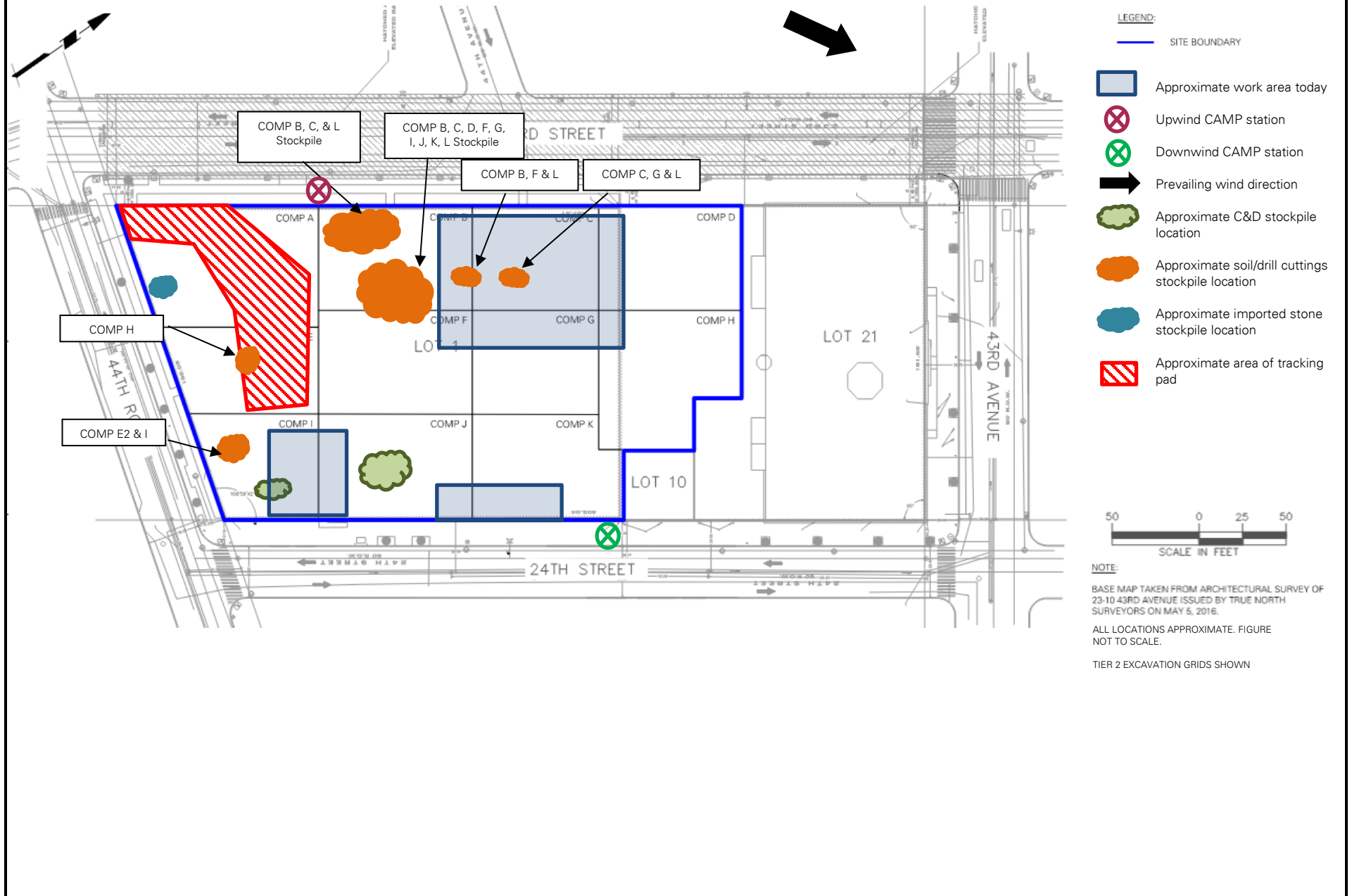
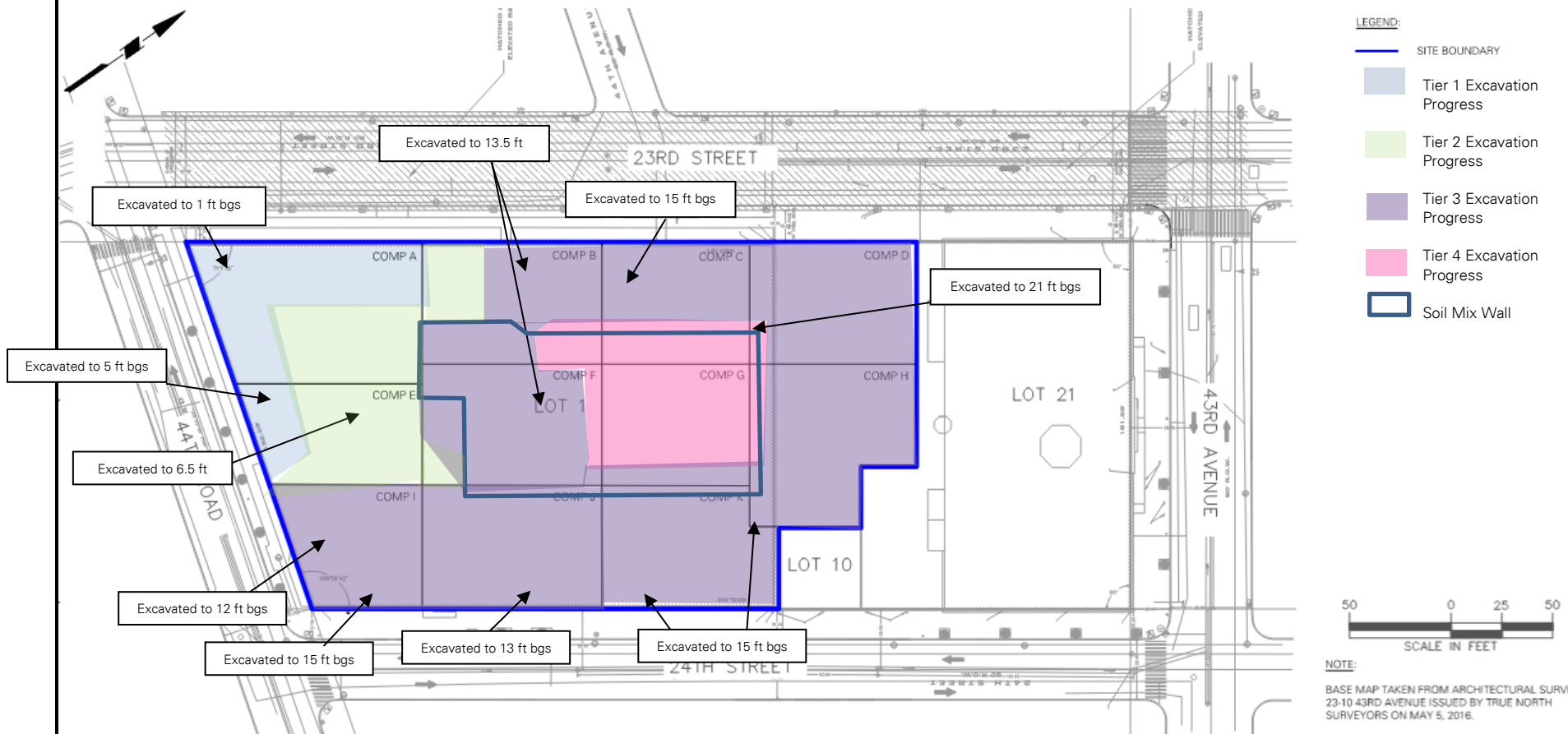


Photo 4: ECD excavating in the southeastern part of the site in (WCG J & I, facing northeast).

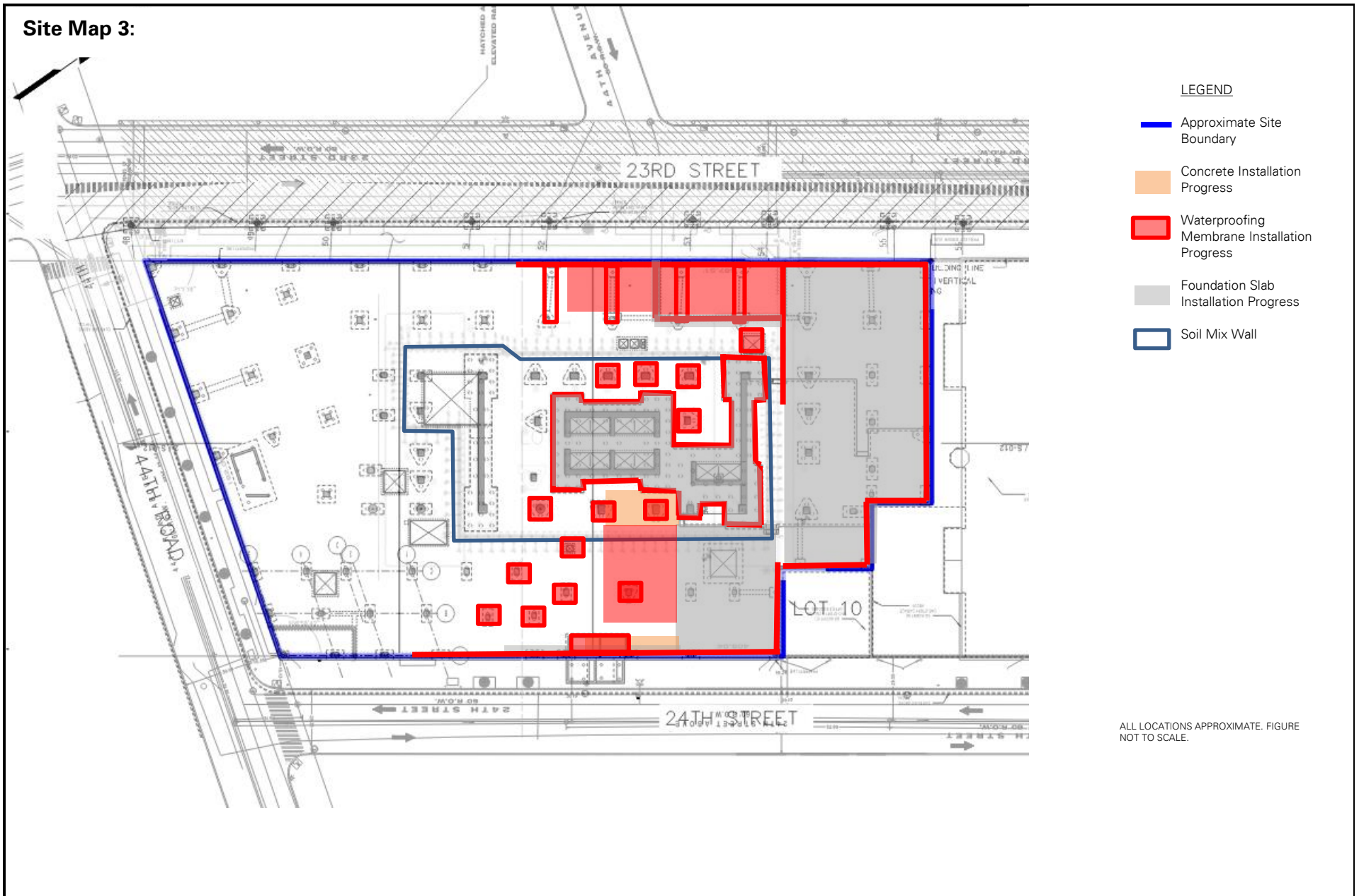
Site Map 1:



Site Map 2:



Site Map 3:



LANGAN SITE OBSERVATION REPORT – RAWP Day 201

PROJECT No.: 170362702 PROJECT: 23-15 44 th Road LOCATION: Long Island City, New York BCP SITE ID: C241189	CLIENT: CP VIII LIC Owner, LLC	DATE: Tuesday, January 31, 2023 WEATHER: Snow/Overcast; 36 - 39 F, Wind: NNW 3.2 – 4.9 mph TIME: 6:45 a.m. – 5:15 p.m. MONITOR: Caroline Devin
EQUIPMENT: 1 CAT 355F Excavator 1 CAT 313BC Excavator 1 Hitachi 135US Excavator	PRESENT AT SITE: Langan: Caroline Devin, Jared Rogovin ECD: Justin Brennan Carmel Partners: Craig Goldberg, Angelo Ingrati	

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated July 16, 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD installed formwork and rebar in the central part of the site.
- ECD installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane horizontally and vertically along the foundation slab and pile caps in waste characterization grids (WCG) COMP C, G, I and K in the northwestern and northeastern parts of site.
- ECD used a CAT 355F excavator to load trucks with the previously stockpiled soil/fill in WCG COMP B and C for offsite disposal to Middlesex County Utilities Authority Landfill (MCUA), in East Brunswick, NJ. Stockpiled material consisted of soil/fill from WCGs COMP B (12-15)', COMP C (12-15)', COMP D (8-16)', COMP F (12-15)', COMP G (12-15)', COMP I (10-15)', COMP J (10-15)', COMP J2 (5-10)', COMP K (10-15)', COMP L (10-15)'.
- ECD imported 4 truckloads of ASTM #57 stone from Mt. Hope Quarry – Tilcon New York Inc. in Wharton, New Jersey. Imported material was stockpiled in WCG COMP F.
- ECD used a CAT313BC excavator to excavate an area about 20 feet long by 10 feet wide by 5 feet deep (corresponding to 19 feet bfg) in WCGs COMP B, F and L for utility conduit installation. About 4 CY of excavated material was temporarily stockpiled adjacent to the area and replaced upon completion of the excavation. The remainder of excavated material was added to the stockpile in WCG COMP B.
- ECD used a CAT313BC excavator to excavate an area about 18 feet long by 10 feet wide by 5 feet deep (corresponding to 17 feet bfg) in WCGs COMP I, J and L for support of excavation (SOE) lagging installation. Excavated material was added to a new stockpile in WCGs COMP I and J.
- ECD used a CAT313BC excavator to grade an area about 15 feet long by 10 feet wide in WCG COMP I and J. No excess material was generated.
- ECD poured concrete for mat and foundation slab in WCG COMP B, C, I and K in the northwestern, southeastern and northeastern parts of the site.

Material Tracking

- ECD imported 4 truckloads (approximately 98.49 tons) of ASTM #57 stone from Tilcon Mount Hope Quarry in Wharton, New Jersey.

Import Summary								
Facility/Material	2"– 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ		Wharton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0	4	98.49
Total	9	221.94	20	490.34	12	302.46	28	699.25
DEC Approved Amount	480 Tons*		960 Tons*		480 Tons*		1,600 Tons*	

Facility/Material	ASTM #57 Stone		ASTM #57 Stone		ASTM #57 Stone	
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0
Total	0	0	0	0	1	24.3
DEC Approved Amount	1,600 Tons*		1,600 Tons*		1,600 Tons*	

*Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- ECD exported 10 loads (about 200 CY) of non-hazardous soil/fill to MCUA from the following waste characterization grids:
 - COMP B (12-15)', COMP C (12-15)', COMP D (8-16)', COMP F (12-15)' COMP G (12-15)', COMP I (10-15)', COMP J (10-15)', COMP J2 (5-10)', COMP K (10-15)', COMP L (10-15)'.

Soil/Fill Export Summary			
Facility	Exported	Today	Total
Cycle Chem, Inc. Elizabeth, NJ Hazardous Soil/Fill	No. Loads	0	54
	Quantity (CY)	0	1,080
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	0	211
	Quantity (CY)	0	4,220
Middlesex County Utilities Authority Landfill East Brunswick, NJ Non-Hazardous Soil/Fill	No. Loads	10	1,192
	Quantity (CY)	200	23,840
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	96
	Quantity (CY)	0	1,920
P Park NJ LLC Prospect Park NJ NJ Residential/Non-Hazardous Soil/Fill	No. Loads	0	32
	Quantity (CY)	0	640

Samples collected

- None.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 μm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.
 - Air monitoring was started at 11:35 AM and stopped at 4:15 PM due to inclement weather.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing formwork and rebar in the central part of the site.

SITE PHOTOGRAPHS:



Photo 1: ECD excavating in the southeastern part of the site (WCG I, facing northeast).



Photo 2: ECD loading a truck for off-site disposal in the southern part of the site (facing east).

SITE PHOTOGRAPHS CONTINUED:



Photo 3: ECD importing ASTM #57 stone in the central part of the site (WCG F, facing east).

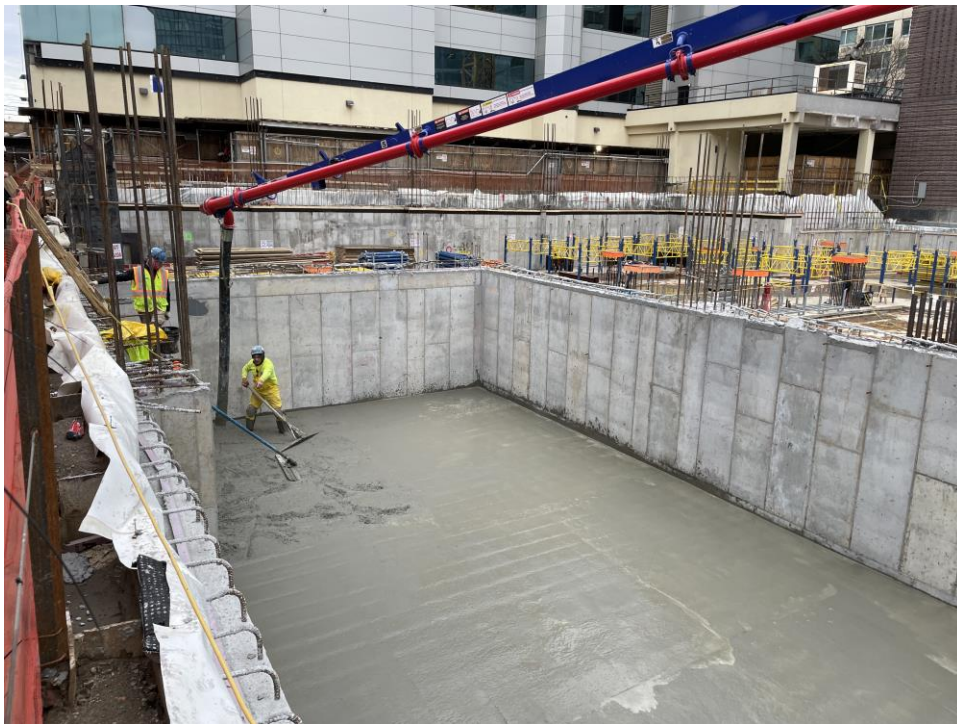
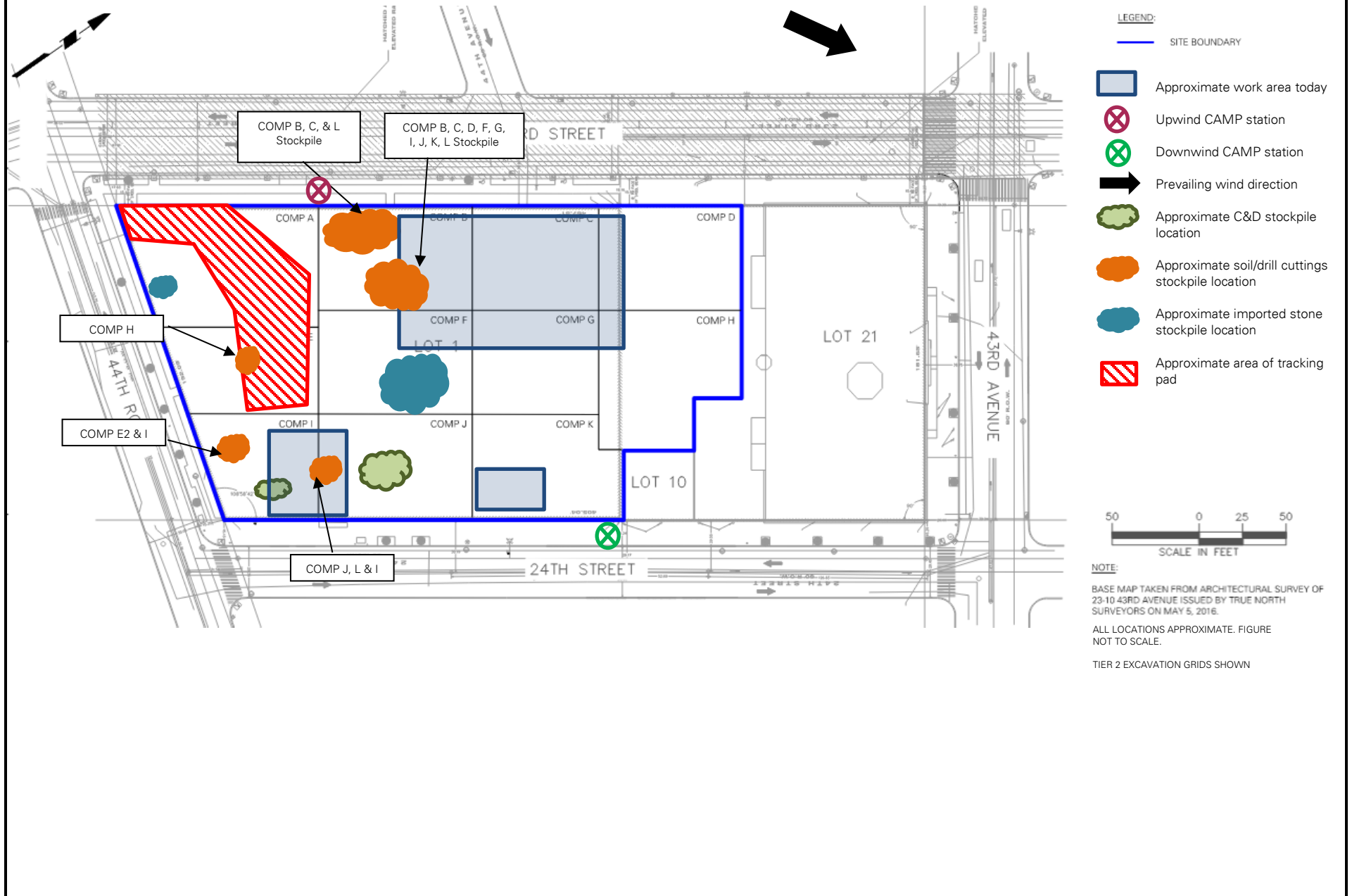
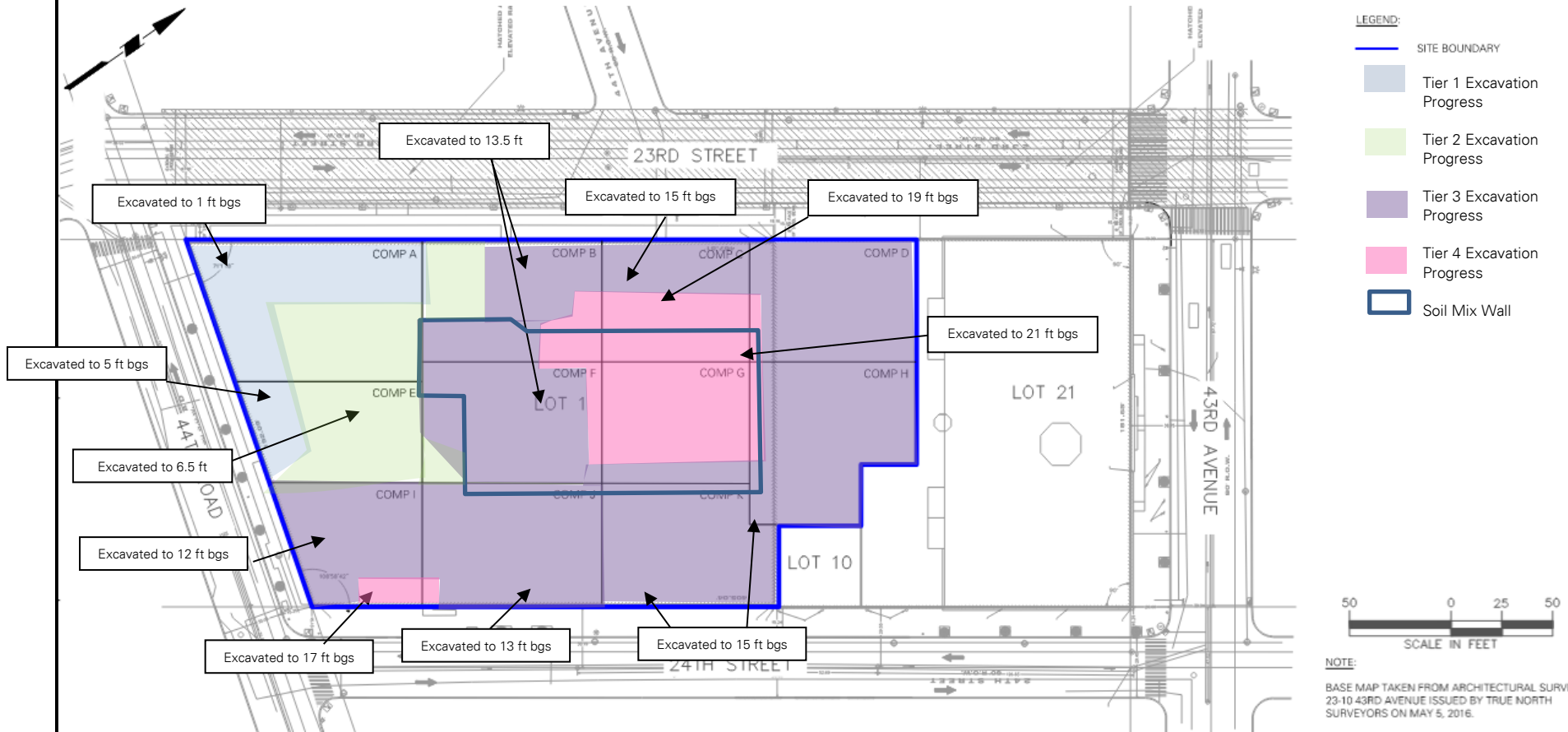


Photo 4: ECD pouring concrete for foundation slab in the northwestern part of the site (WCG C, facing northeast).

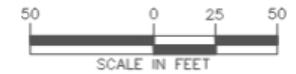
Site Map 1:



Site Map 2:



- LEGEND:**
- SITE BOUNDARY
 - Tier 1 Excavation Progress
 - Tier 2 Excavation Progress
 - Tier 3 Excavation Progress
 - Tier 4 Excavation Progress
 - Soil Mix Wall



NOTE:
 BASE MAP TAKEN FROM ARCHITECTURAL SURVEY OF 23-10 43RD AVENUE ISSUED BY TRUE NORTH SURVEYORS ON MAY 5, 2016.
 ALL LOCATIONS APPROXIMATE. FIGURE NOT TO SCALE.
 TIER 2 EXCAVATION GRIDS SHOWN

Site Map 3:

