

**DAILY FIELD REPORT 115**

Prepared By: LANGAN

<b>WEATHER</b>	Snow		Rain		Overcast		Partly Cloudy		Sunny	x
<b>TEMP.</b>	< 32		32-50		50-70	X	70-85		>85	

<b>BCP Project No:</b>	C224304	<b>Date:</b>	September 23, 2022
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<b>Project Name:</b>	45 Commercial Street	<b>Time:</b>	7:30 am to 10:30 am
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**Consultant:** Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)

**Langan Field Personnel:**  
T.J. Malgieri

**Construction Manager:** Monadnock Construction Inc.  
**Landscaping Contractor:** Let It Grow Inc. (Let It Grow)  
**Building Contractor:** Highbury Concrete, Inc.  
**Soil Broker:** Clean Earth, Inc.

**Work Activities Performed:**

- Let It Grow backfilled two about 150-foot-long by 1-foot-wide areas from about 5 feet below grade surface (bgs) to about grade surface along the eastern site boundary in waste characterization grid COMP K and on the eastern adjoining property on the eastern and western sides of the poured retaining wall. The areas were backfilled with imported New York State Department of Environmental Conservation (NYSDEC)-approved 0.75-inch virgin stone from Hamburg Stone Quarry, located in Hamburg, New Jersey.

**Material Tracking:**

- No soil/fill was exported from the site.
- The following materials were imported to the site:
  - Four loads of 0.75-inch virgin stone from Hamburg Stone Quarry located in Hamburg, New Jersey.

**Samples Collected:**

- No samples were collected.

**Community Air Monitoring**

- Community air monitoring was not conducted due to the absence of any ground-intrusive activities. Odors and dust were not observed migrating off-site.

**Planned Activities:**

- Let It Grow will continue pouring concrete for the retaining wall and backfilling with 0.75-inch stone to return the area to grade.

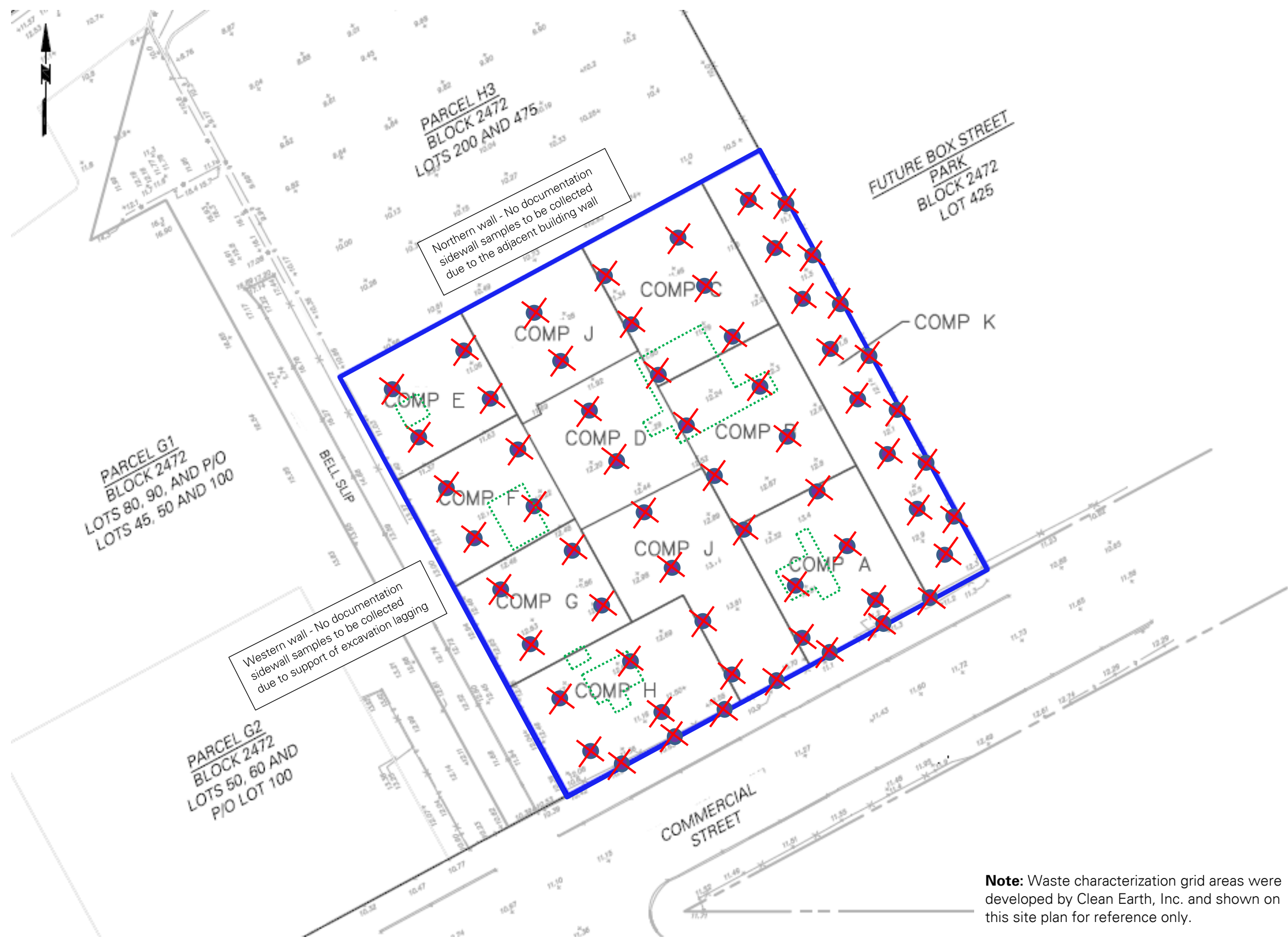
**SITE PLAN**



- Site Boundary**
- Waste Characterization Grid  
COMP I (5-10)**
- Upwind CAMP station**
- Downwind CAMP station**
- Stockpile – Soil**
- Stockpile – Imported Material**
- Stockpile – C&D**
- Approximate Location of  
Excavation**
- Approximate Area of Backfilling**
- Approximate Area of Regrading**
- Approximate Location of  
Concrete Pouring**
- Approximate Area of Installed  
Demarcation Layer**
- 2 Foot Remedial Excavation  
Completed**
- 2 Foot Remedial Excavation  
Completed, Demarcation Layer  
Installed, and 1 Foot of Clean  
Cover Layer Placed**

**Note:** Waste characterization grid areas were developed by Clean Earth, Inc. and shown on this site plan for reference only.

**DOCUMENTATION SAMPLE PLAN**






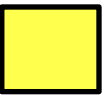



- Site Boundary**
- Waste Characterization Grid  
COMP I (5-10)**
- **Proposed Base Documentation  
Sample Location**
- **Proposed Base Documentation  
Sample Location**
- **Documentation Sample  
Collected Today**
- X **Previously Collected  
Documentation Sample**

**Note:** Waste characterization grid areas were developed by Clean Earth, Inc. and shown on this site plan for reference only.

### WATERPROOFING/VAPOR BARRIER AND SMD INSTALLATION MAP



-  Site Boundary
-  Approximate Location of Sub-Slab Vapor Collection Slotted Pipe Run – Blower A
-  Approximate Location of Sub-Slab Vapor Collection Slotted Pipe Run – Blower B
-  SMD System Installed (Geotextile/Aggregate)
-  SMD System Installed (SMD Piping)
-  SMD System Installed (Waterproofing/Vapor Barrier)
-  Concrete Foundation Slab Poured

**Note:** Base Map Source: Drawing FO-100.00, Foundation (1<sup>st</sup> Floor) Plan, Dated December 20, 2019, Prepared by WSP USA.

## Photo Log

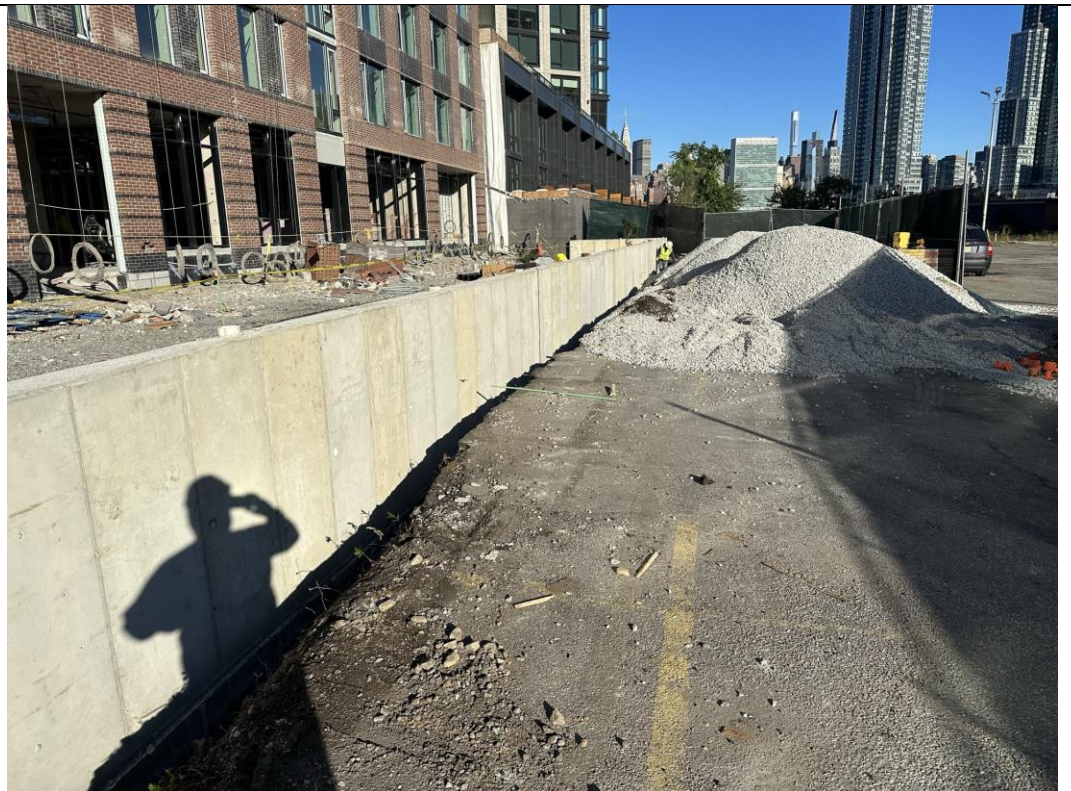
**Photo 1:**

View of imported 0.75-inch stone staged adjacent to the retaining wall excavation (facing north).



**Photo 2:**

View of imported 0.75-inch stone staged adjacent to the retaining wall excavation (facing north).



**Photo 3:**

View of backfilled area just east of the retaining wall (facing north).



**Photo 4:**

View of backfilled area just west of the retaining wall (facing north).



**DAILY FIELD REPORT 116**

Prepared By: LANGAN

<b>WEATHER</b>	Snow		Rain		Overcast		Partly Cloudy	x	Sunny	
<b>TEMP.</b>	< 32		32-50		50-70	X	70-85		>85	

<b>BCP Project No:</b>	C224304	<b>Date:</b>	September 26, 2022
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<b>Project Name:</b>	45 Commercial Street	<b>Time:</b>	2:30 pm to 3:30 pm
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**Consultant:** Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)

**Langan Field Personnel:**  
Padmanabhan Krishnaswamy

**Construction Manager:** Monadnock Construction Inc.  
**Landscaping Contractor:** Let It Grow Inc. (Let It Grow)  
**Building Contractor:** Highbury Concrete, Inc.  
**Soil Broker:** Clean Earth, Inc.

**Work Activities Performed:**

- Let It Grow imported two loads of New York State Department of Environmental Conservation (NYSDEC)-approved 0.75-inch stone from Hamburg Stone Quarry, located in Hamburg, New Jersey. The stone was added to an existing stockpile of the same material located adjoining the retaining wall excavation to the east.

**Material Tracking:**

- No soil/fill was exported from the site.
- The following materials were imported to the site:
  - Two loads of 0.75-inch virgin stone from Hamburg Stone Quarry located in Hamburg, New Jersey.

**Samples Collected:**

- No samples were collected.

**Community Air Monitoring**

- Community air monitoring was not conducted due to the absence of any ground-intrusive activities. Odors and dust were not observed migrating off-site.







**Planned Activities:**

- Let It Grow will continue pouring concrete for the retaining wall and backfilling with 0.75-inch stone to return the area to grade.

**SITE PLAN**

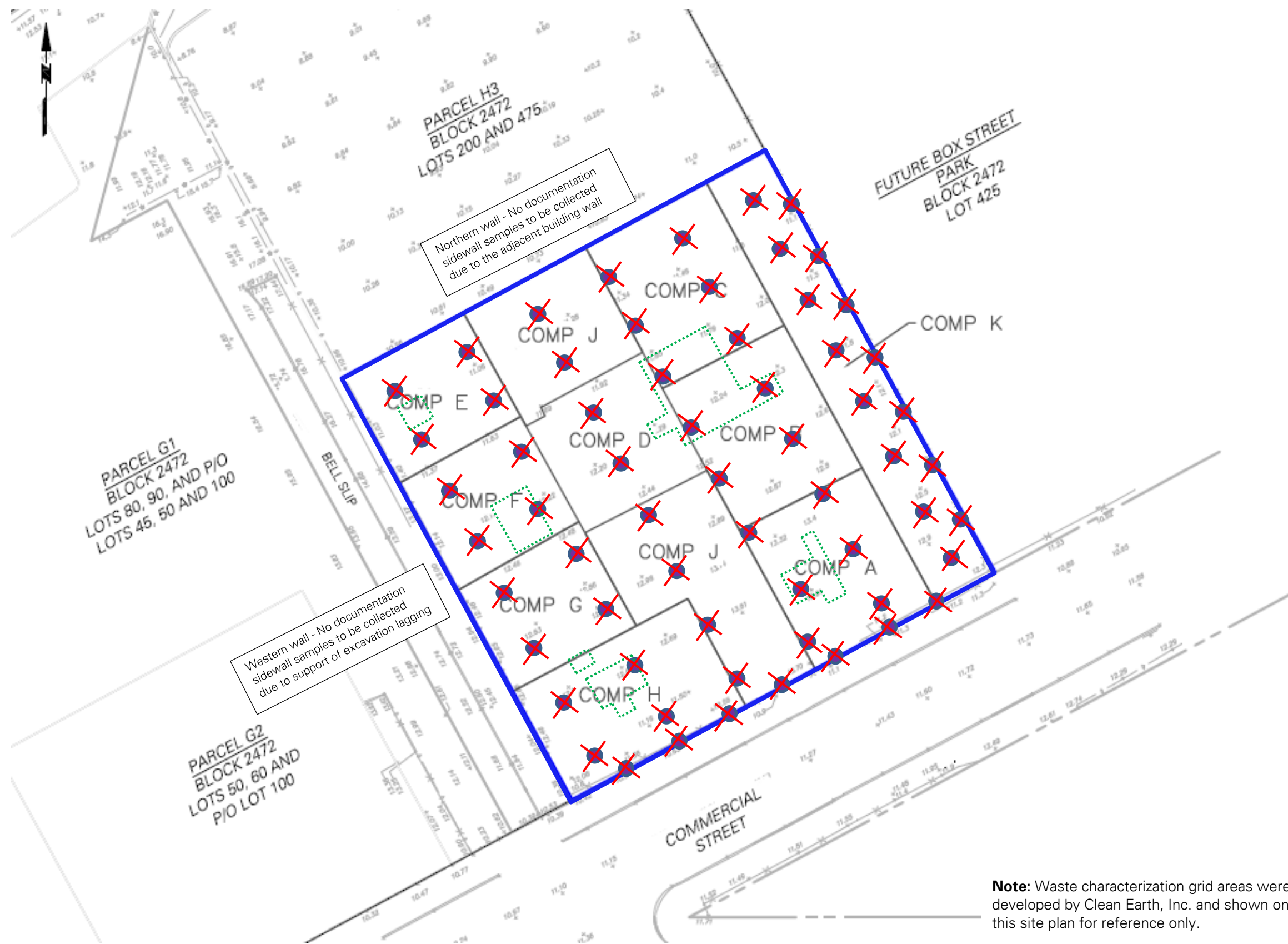








**Note:** Waste characterization grid areas were developed by Clean Earth, Inc. and shown on this site plan for reference only.

-  **Site Boundary**
-  **Waste Characterization Grid  
COMP I (5-10)**
-  **Upwind CAMP station**
-  **Downwind CAMP station**
-  **Stockpile - Soil**
-  **Stockpile - Imported Material**
-  **Stockpile - C&D**
-  **Approximate Location of  
Excavation**
-  **Approximate Area of Backfilling**
-  **Approximate Area of Regrading**
-  **Approximate Location of  
Concrete Pouring**
-  **Approximate Area of Installed  
Demarcation Layer**
-  **2 Foot Remedial Excavation  
Completed**
-  **2 Foot Remedial Excavation  
Completed, Demarcation Layer  
Installed, and 1 Foot of Clean  
Cover Layer Placed**



**DOCUMENTATION SAMPLE PLAN**










-  **Site Boundary**
-  **Waste Characterization Grid  
COMP I (5-10)**
-  **Proposed Base Documentation  
Sample Location**
-  **Proposed Base Documentation  
Sample Location**
-  **Documentation Sample  
Collected Today**
-  **Previously Collected  
Documentation Sample**

**Note:** Waste characterization grid areas were developed by Clean Earth, Inc. and shown on this site plan for reference only.

### WATERPROOFING/VAPOR BARRIER AND SMD INSTALLATION MAP



-  Site Boundary
-  Approximate Location of Sub-Slab Vapor Collection Slotted Pipe Run – Blower A
-  Approximate Location of Sub-Slab Vapor Collection Slotted Pipe Run – Blower B
-  SMD System Installed (Geotextile/Aggregate)
-  SMD System Installed (SMD Piping)
-  SMD System Installed (Waterproofing/Vapor Barrier)
-  Concrete Foundation Slab Poured

**Note:** Base Map Source: Drawing FO-100.00, Foundation (1<sup>st</sup> Floor) Plan, Dated December 20, 2019, Prepared by WSP USA.

### Photo Log

**Photo 1:**

View of imported 0.75-inch stone stockpiled adjacent to the retaining wall excavation (facing north).



**Photo 2:**

View of imported 0.75-inch stone stockpiled adjacent to the retaining wall excavation (facing north).



**DAILY FIELD REPORT 117**

Prepared By: LANGAN

<b>WEATHER</b>	Snow		Rain		Overcast		Partly Cloudy		Sunny	X
<b>TEMP.</b>	< 32		32-50		50-70	X	70-85		>85	

<b>BCP Project No:</b>	C224304	<b>Date:</b>	September 28, 2022
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<b>Project Name:</b>	45 Commercial Street	<b>Time:</b>	6:30 am to 3:00 pm
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**Consultant:** Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)

**Langan Field Personnel:**  
Brian Kenneally

**Construction Manager:** Monadhock Construction Inc.  
**Landscaping Contractor:** Let It Grow Inc. (Let It Grow)  
**Building Contractor:** Highbury Concrete, Inc.  
**Soil Broker:** Clean Earth, Inc.

**Work Activities Performed:**

- Let It Grow excavated an about 12-foot-long by 6-foot-wide area to a maximum depth of about 5 feet below grade surface (bgs) in waste characterization grid COMP K in preparation for the construction of a concrete retaining wall. Excavated material consisted of non-native soil that did not exhibit signs of chemical- or petroleum-like contamination and was live-loaded into a truck for off-site disposal to the Clean Earth of Carteret (CEC) facility, located in Carteret, New Jersey.

**Material Tracking:**

- The following soil/fill was exported from the site:
  - One load of non-native soil was transported to the CEC facility in Carteret, New Jersey.
- No material was imported to the site.

**Samples Collected:**

- No samples were collected.

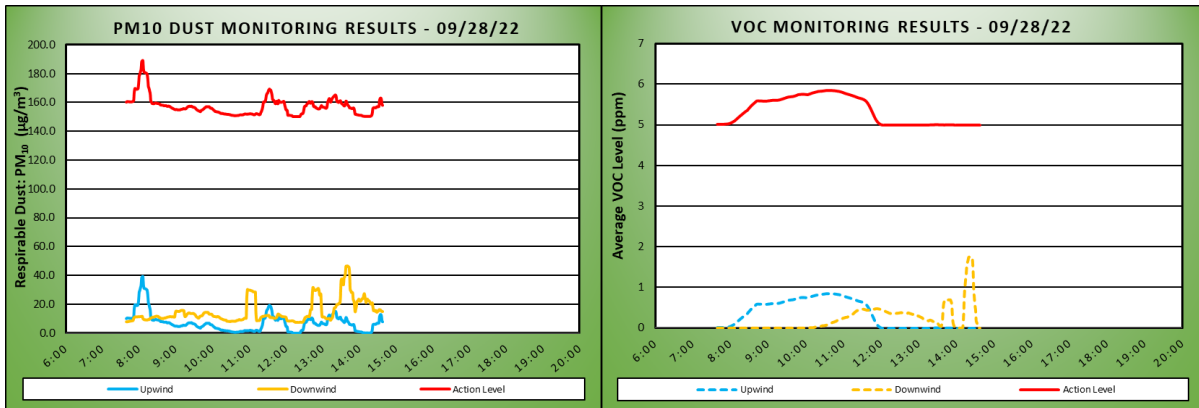
**Community Air Monitoring**

Particulate Monitoring ( $\mu\text{g}/\text{m}^3$ )			Organic Vapor Monitoring (ppm)		
Daily background	10.2		Daily background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	7.4	14.6	Daily Time Weighted Average	0.3	0.2
Maximum 15-min Average	39.3	46.7	Maximum 15-min Average	0.8	1.7
Minimum 1-min Instant Reading	0.0	6.3	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	103.5	231.3	Maximum 1-min Instant Reading	0.9	6.4

$\mu\text{g}/\text{m}^3$ -micrograms per cubic meter.

ppm= parts per million.

No particulate or other organic vapor exceedances at the downwind station were encountered. The daily Community Air Monitoring Program (CAMP) monitoring results are also presented in the following charts:








**Planned Activities:**

- Let it Grow will continue excavating, pouring concrete, and backfilling with 0.75-inch stone for the retaining wall in waste characterization grid COMP K.

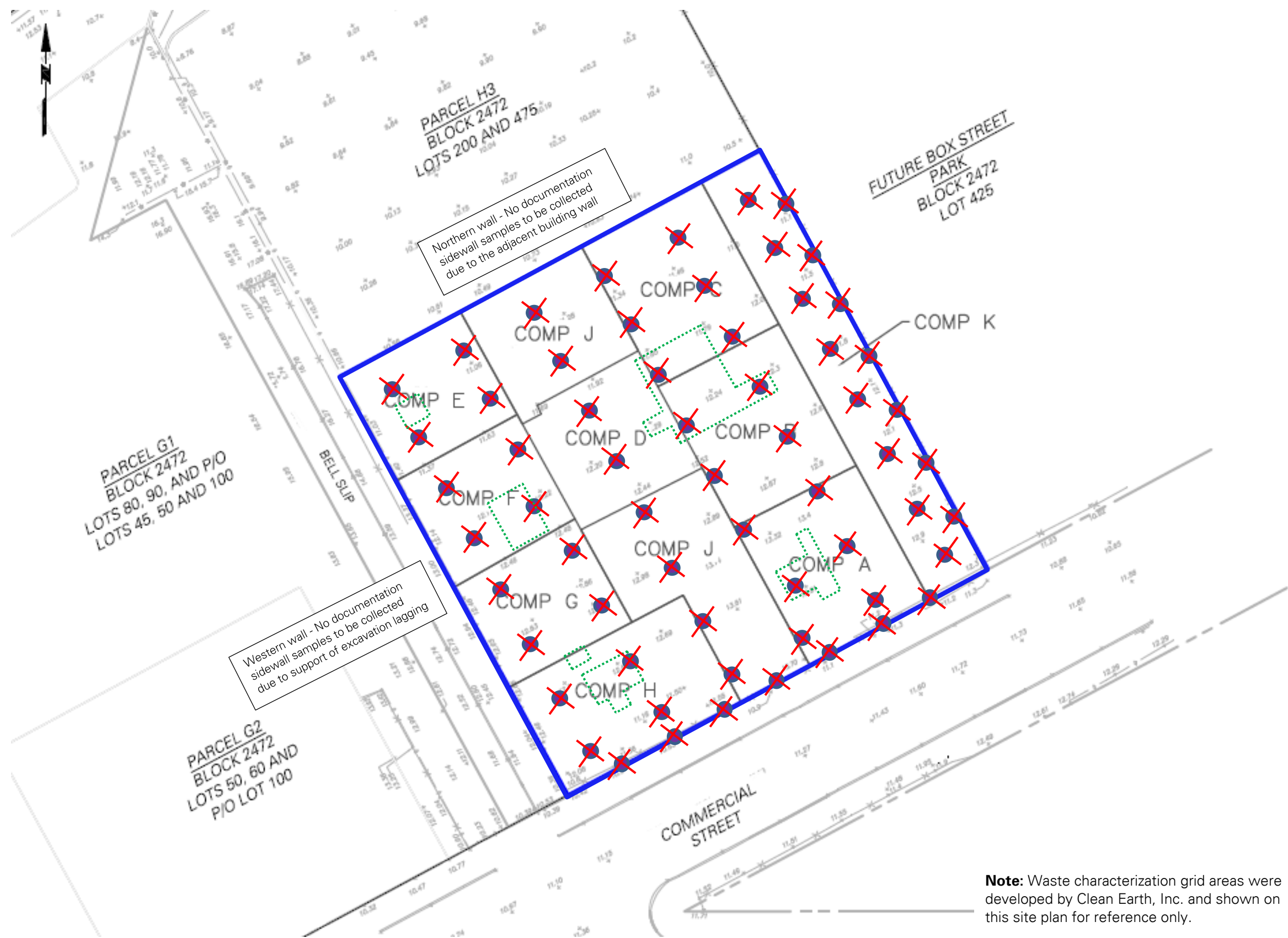
**SITE PLAN**



-  **Site Boundary**
-  **Waste Characterization Grid  
COMP I (5-10)**
-  **Upwind CAMP station**
-  **Downwind CAMP station**
-  **Stockpile - Soil**
-  **Stockpile - Imported Material**
-  **Stockpile - C&D**
-  **Approximate Location of  
Excavation**
-  **Approximate Area of Backfilling**
-  **Approximate Area of Regrading**
-  **Approximate Location of  
Concrete Pouring**
-  **Approximate Area of Installed  
Demarcation Layer**
-  **2 Foot Remedial Excavation  
Completed**
-  **2 Foot Remedial Excavation  
Completed, Demarcation Layer  
Installed, and 1 Foot of Clean  
Cover Layer Placed**

**Note:** Waste characterization grid areas were developed by Clean Earth, Inc. and shown on this site plan for reference only.

**DOCUMENTATION SAMPLE PLAN**




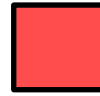

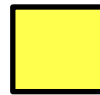



- Site Boundary**
- Waste Characterization Grid  
COMP I (5-10)**
- Proposed Base Documentation  
Sample Location**
- Proposed Base Documentation  
Sample Location**
- Documentation Sample  
Collected Today**
- X **Previously Collected  
Documentation Sample**

**Note:** Waste characterization grid areas were developed by Clean Earth, Inc. and shown on this site plan for reference only.

### WATERPROOFING/VAPOR BARRIER AND SMD INSTALLATION MAP



-  Site Boundary
-  Approximate Location of Sub-Slab Vapor Collection Slotted Pipe Run – Blower A
-  Approximate Location of Sub-Slab Vapor Collection Slotted Pipe Run – Blower B
-  SMD System Installed (Geotextile/Aggregate)
-  SMD System Installed (SMD Piping)
-  SMD System Installed (Waterproofing/Vapor Barrier)
-  Concrete Foundation Slab Poured

**Note:** Base Map Source: Drawing FO-100.00, Foundation (1<sup>st</sup> Floor) Plan, Dated December 20, 2019, Prepared by WSP USA.



### Photo Log

**Photo 1:**  
View of Let It Grow excavating in waste characterization grid COMP K for the retaining wall (facing south).



**Photo 2:**  
View of Let It Grow loading a truck with excavated soil for off-site disposal to the CEC facility (facing north).



**Photo 3:**  
View of the retaining wall  
excavation (facing north).



**Photo 4:**  
View of the retaining wall  
excavation (facing south).



**DAILY FIELD REPORT 118**

Prepared By: LANGAN

<b>WEATHER</b>	Snow		Rain		Overcast		Partly Cloudy		Sunny	X
<b>TEMP.</b>	< 32		32-50		50-70	X	70-85		>85	

<b>BCP Project No:</b>	C224304	<b>Date:</b>	September 29, 2022
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<b>Project Name:</b>	45 Commercial Street	<b>Time:</b>	6:30 am to 2:30 pm
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**Consultant:** Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)

**Langan Field Personnel:**  
Harrison Bluestone

**Construction Manager:** Monadnock Construction Inc.  
**Landscaping Contractor:** Let It Grow Inc. (Let It Grow)  
**Building Contractor:** Highbury Concrete, Inc.  
**Soil Broker:** Clean Earth, Inc.

**Work Activities Performed:**

- Let It Grow excavated an about 10-foot-long by 8-foot-wide area to a maximum depth of about 5 feet below grade surface (bgs) in waste characterization grid COMP K in preparation for the construction of a concrete retaining wall. Excavated material consisted of non-native soil that did not exhibit signs of chemical- or petroleum-like contamination and was live-loaded into trucks for off-site disposal to the Clean Earth of Carteret (CEC) facility, located in Carteret, New Jersey.
  - Prior to backfilling, Let It Grow placed a demarcation layer consisting of orange snow fencing at the base of the retaining wall excavation.
  - Let it Grow backfilled and compacted the about 22-foot-long by 8-foot wide retaining wall area from about 5 to 3 feet bgs with New York State Department of Environmental Conservation (NYSDEC)-approved 0.75-inch virgin stone from Hamburg Stone Quarry, located in Hamburg, New Jersey.

**Material Tracking:**

- The following soil/fill was exported from the site:
  - Two loads of non-native soil were transported to the CEC facility in Carteret, New Jersey.
- The following materials were imported to the site:
  - One load of 0.75-inch virgin stone from Hamburg Stone Quarry located in Hamburg, New Jersey.

**Samples Collected:**

- No samples were collected

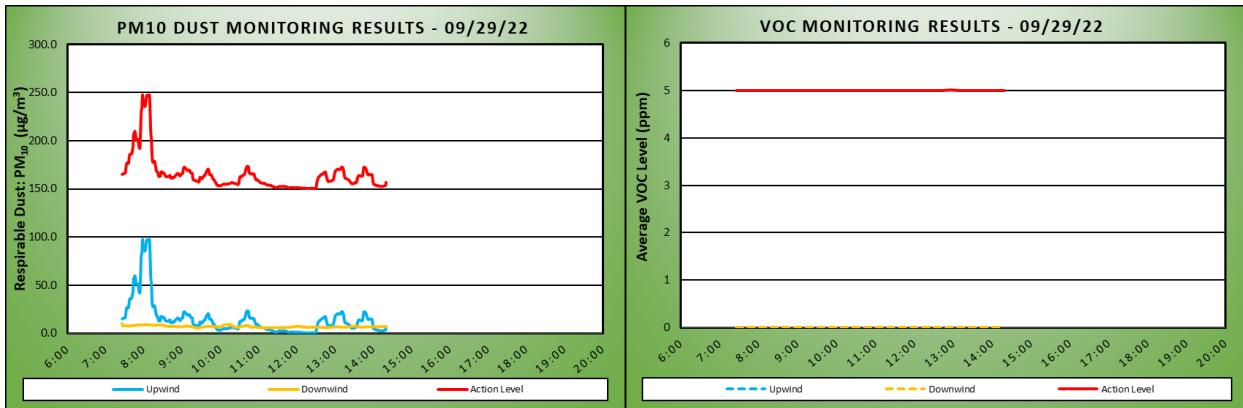
**Community Air Monitoring**

Particulate Monitoring ( $\mu\text{g}/\text{m}^3$ )			Organic Vapor Monitoring (ppm)		
Daily background	14.8		Daily background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	14.6	7.2	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	97.3	10.4	Maximum 15-min Average	0.0	0.0
Minimum 1-min Instant Reading	0.0	6.3	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	310.0	43.8	Maximum 1-min Instant Reading	0.0	0.0

$\mu\text{g}/\text{m}^3$ -micrograms per cubic meter.

ppm= parts per million.

No particulate or other organic vapor exceedances at the downwind station were encountered. The daily Community Air Monitoring Program (CAMP) monitoring results are also presented in the following charts:






**Planned Activities:**

- Let it Grow will continue excavating, pouring concrete, and backfilling with 0.75-inch stone for the retaining wall in waste characterization grid COMP K.

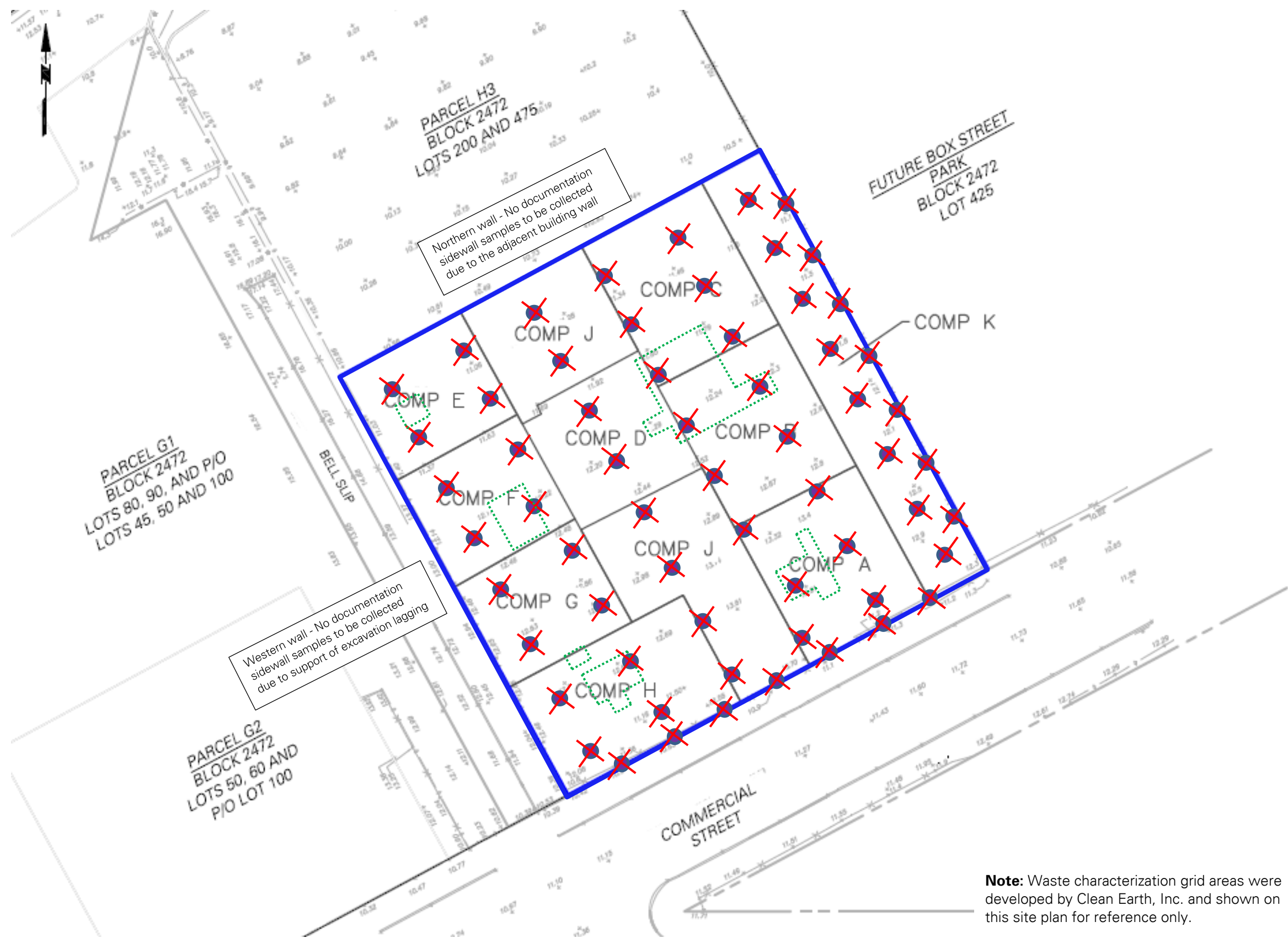
**SITE PLAN**









-  **Site Boundary**
-  **Waste Characterization Grid  
COMP I (5-10)**
-  **Upwind CAMP station**
-  **Downwind CAMP station**
-  **Stockpile - Soil**
-  **Stockpile - Imported Material**
-  **Stockpile - C&D**
-  **Approximate Location of  
Excavation**
-  **Approximate Area of Backfilling**
-  **Approximate Area of Regrading**
-  **Approximate Location of  
Concrete Pouring**
-  **Approximate Area of Installed  
Demarcation Layer**
-  **2 Foot Remedial Excavation  
Completed**
-  **2 Foot Remedial Excavation  
Completed, Demarcation Layer  
Installed, and 1 Foot of Clean  
Cover Layer Placed**

**Note:** Waste characterization grid areas were developed by Clean Earth, Inc. and shown on this site plan for reference only.

**DOCUMENTATION SAMPLE PLAN**










-  **Site Boundary**
-  **Waste Characterization Grid  
COMP I (5-10)**
-  **Proposed Base Documentation  
Sample Location**
-  **Proposed Base Documentation  
Sample Location**
-  **Documentation Sample  
Collected Today**
-  **Previously Collected  
Documentation Sample**

**Note:** Waste characterization grid areas were developed by Clean Earth, Inc. and shown on this site plan for reference only.

### WATERPROOFING/VAPOR BARRIER AND SMD INSTALLATION MAP



-  Site Boundary
-  Approximate Location of Sub-Slab Vapor Collection Slotted Pipe Run – Blower A
-  Approximate Location of Sub-Slab Vapor Collection Slotted Pipe Run – Blower B
-  SMD System Installed (Geotextile/Aggregate)
-  SMD System Installed (SMD Piping)
-  SMD System Installed (Waterproofing/Vapor Barrier)
-  Concrete Foundation Slab Poured

**Note:** Base Map Source: Drawing FO-100.00, Foundation (1<sup>st</sup> Floor) Plan, Dated December 20, 2019, Prepared by WSP USA.

### Photo Log

**Photo 1:**  
View of Let It Grow loading a truck with excavated soil for off-site disposal to the CEC facility (facing west).



**Photo 2:**  
View of Let It Grow excavating in waste characterization grid COMP K for a retaining wall (facing west).





**Photo 3:**

View of Let It Grow placing demarcation layer and backfilling with imported 0.75-inch stone (facing west).



**Photo 4:**

View of Let It Grow backfilling with imported 0.75-inch stone (facing southeast).

