

**Project: South Battery Park City Resiliency Project:  
Pier A Plaza / Battery Site Work and Near  
Surface Isolation (“NSI”) Construction Services  
(the “Project”) Request for Proposals (“RFP”)**

**Date: February 3, 2023**

**RE: Addendum #8  
# of Pages: 31**

---

**REVISIONS TO RFP:**

The following new or revised Pier A/Battery and NSI Project Drawings and Specifications are hereby formally incorporated into the RFP’s Exhibit B-1 – Construction Documents (Project Drawings & Specifications). The below-listed revised Drawings replace and supersede all prior versions issued with the RFP. Note that the changes to the below-listed revised Drawings are indicated via a “bubble” that circles the area of the Drawings that is revised.

- **New Maintenance and Protection of Traffic Drawings – Attachment #1:**

*MT401: Battery Park Underpass Closure Detour Plan 1 of 2*

*MT402: Battery Park Underpass Closure Detour Plan 2 of 2*

- **Revised Maintenance and Protection of Traffic Drawings – Attachment #2:**

*MT002: Maintenance and Protection of Traffic Notes 2 of 2*

*MT301: NSI Schematic MPT Location Plan (1 of 2)*

*MT302: NSI Schematic MPT Location Plan (2 of 2)*

*MT311: NSI Schematic MPT Plans 1 of 3*

*MT312: NSI Schematic MPT Plans 2 of 3*

*MT313: NSI Schematic MPT Plans 3 of 3*

- **Revised Structural Drawings – Attachment #3:**

*SF309: Flood Wall Plan 4 of 5*

*SF323: Enlarged Plans - Pier A Plaza*

*SS304: Site Structures Plan 4 of 5*

*SS604: Security Bollard Details*

*SS802: 84-Inch Tide Gate Details (Pier A Plaza) 2 of 2*

*SS806: 54-Inch Tide Gate Details (Rector Place) 2 of 2*

*SM602: Pier A Inlet Platform Concrete Details*

*SM603: Pier A Inlet Platform Framing Details*

- **Revised Landscape Drawings – Attachment #4:**

*L325: Pier A Inlet Soil Plan*

*L332: Pier A Inlet Planting - Shrubs*

*L334: Pier A Inlet Planting - Herbaceous*

*L339: Pier A Master Planting Schedule - 1*

- **Revised Civil Drawing – Attachment #5:**

*C002: General Notes and Notes*

- **New Specification #321000 | Roadway Resurfacing and Restoration (NYCDOT)  
– Attachment #6**

- **Revised Specification #265100 | Architectural Lighting**

**\*NOTE:** Due to the large size of this file, it has been added to Exhibit B-1 via the RFP’s original Exhibit B Dropbox [sub-folder](#), rather than attached to this Addendum.

*[NO FURTHER TEXT ON THIS PAGE]*

---

*By signing the line below, I am acknowledging that all pages of this Addendum #8 have been received, reviewed and understood, and will be incorporated into the Proposal submitted. This document must be attached to the Proposal for consideration.*

---

Print Name (Above)

---

Signature (Above)

---

Date (Above)

Number of pages received: \_\_\_\_\_ <fill in>

*Distributed to: All prospective Proposers*

*[NO FURTHER TEXT ON THIS PAGE]*

**ATTACHMENT #1**

**NEW MAINTENANCE AND PROTECTION OF TRAFFIC DRAWINGS**

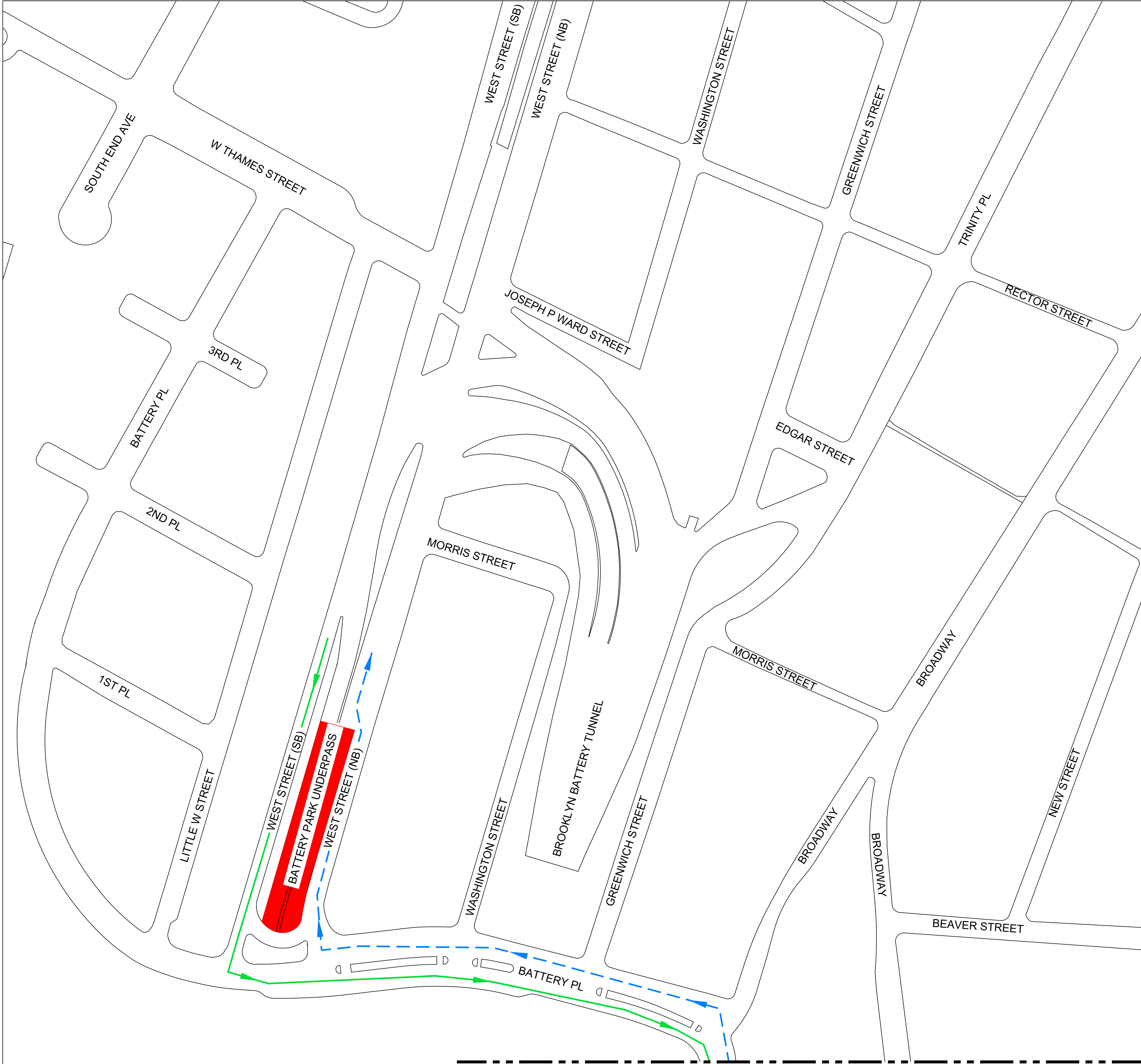
***MT401: Battery Park Underpass Closure Detour Plan 1 of 2***

***MT402: Battery Park Underpass Closure Detour Plan 2 of 2***

***(ATTACHED)***

ANSI D 22" x 34"

Last saved by: KUBOV/CD/2023-01-30  
Filename: C:\P\WORKING\AECOM\CD\2023-01-30\BPCMT401.R00.DWG  
Last Plotted: 2023-01-30  
Filename: C:\P\WORKING\AECOM\CD\2023-01-30\BPCMT401.R00.DWG



DETOUR PLAN  
NOT TO SCALE

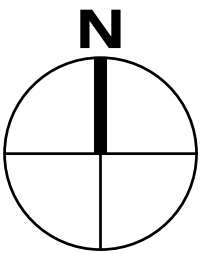
MATCHLINE - SEE SHEET MT402

LEGEND:

- SUGGESTED DETOUR ROUTE SB  
FDR DRIVE TO NB RTE 9A (WEST STREET)
- SUGGESTED DETOUR ROUTE SB  
RTE 9A (WEST STREET) TO NB FDR DRIVE
- CLOSED TUNNEL ENTRANCE/ EXIT

NOTES:

- TEMPORARY CLOSURE OF THE SB ENTRANCE AND THE NB EXIT TO THE BATTERY PARK UNDERPASS IS ANTICIPATED TO BE REQUIRED. PER NYSDOT, CLOSURE OF THE BATTERY PARK UNDERPASS IS TO OCCUR AT NIGHT.
- THE SUGGESTED DETOUR ROUTES SHOWN ARE SCHEMATIC AND HAVE NOT BEEN APPROVED BY NYCDOT/ NYSDOT. THE CONTRACTOR SHALL DEVELOP AND SUBMIT FINAL MPT AND DETOUR PLANS TO NYCDOT AND NYSDOT DETAILING ROAD CLOSURE AND DETOUR ROUTES, INCLUDING REQUIRED BARRIERS AND SIGNAGE, TO OBTAIN NYCDOT OCMC AND NYSDOT APPROVAL AND PERMITS.
- THE CONTRACTOR SHALL FOLLOW ALL NYCDOT AND NYSDOT REQUIREMENTS AND GUIDELINES.



PROJECT

SOUTH BATTERY PARK CITY  
RESILIENCY DESIGN  
SERVICES

CLIENT

HUGH L. CAREY  
BATTERY PARK CITY  
AUTHORITY  
CONSULTANT

AECOM

AECOM USA  
605 3rd Ave, 2nd Floor, New York, NY 10158  
212.973.2900 tel www.aecom.com

SUB-CONSULTANT

MAGNUSSON KLEMENCIC ASSOCIATES  
1301 Fifth Avenue, Suite 3200, Seattle, WA 98101-2899  
206.292.1200 tel 206.292.1201 fax www.mka.com

SITEWORKS

150 West 28th St, Suite 605  
New York, NY 10001 212.255.8350 siteworkscm.com

MILHOUSE

333 South Wabash Ave, Suite 2901,  
Chicago, IL 60604 313.987.0061 milhouseinc.com

TILLOTSON DESIGN ASSOCIATES

40 Worth St, Rm 703, New York, NY 10013  
212.675.7760 tillotsondesign.com

THOMAS PHIFER AND PARTNERS

180 Varick St, New York, NY 10014  
212.337.0334 thomasphifer.com

NAIK CONSULTING GROUP, PC

111 West 33rd St, Suite 605 New York, NY 10120  
212.576.2701 naikgroup.com

OWEIS

100 East Hanover Ave., Suite 101, Cedar Knolls, NJ 07927  
973.539.440 oweisengineering.com

KEY PLAN

REGISTRATION



ISSUE/REVISION

I/R	DATE	DESCRIPTION
I	2023-01-30	ADDENDUM REVISION 1

Designed By: J. SHAW  
Drawn By: J. SHAW  
Checked By: D. KUBOVIC  
Approved By: P. BRUECK

PROJECT/TERM CONTRACT NUMBER

Contract No. 18-2586

SHEET TITLE

BATTERY PARK UNDERPASS  
CLOSURE DETOUR PLAN 1 OF 2

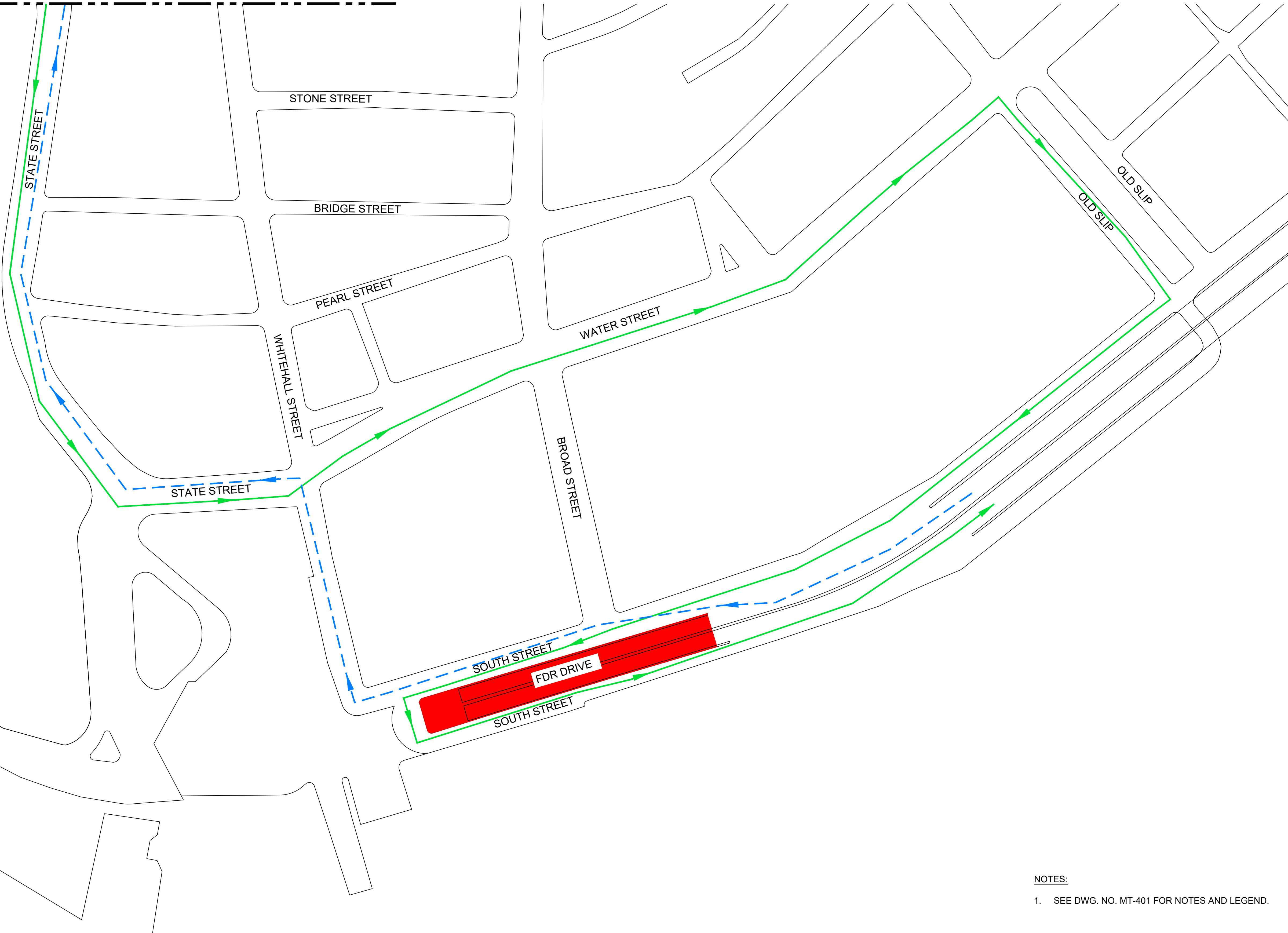
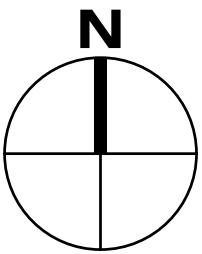
SHEET NUMBER

MT401



ANSI D 22" x 34"

MATCHLINE - SEE SHEET MT401



DETOUR PLAN  
NOT TO SCALE

NOTES:

- SEE DWG. NO. MT-401 FOR NOTES AND LEGEND.



**PROJECT**  
SOUTH BATTERY PARK CITY  
RESILIENCY DESIGN  
SERVICES  
**CLIENT**  
HUGH L. CAREY  
BATTERY PARK CITY  
AUTHORITY  
**CONSULTANT**

**AECOM**  
AECOM USA  
605 3rd Ave, 2nd Floor, New York, NY 10158  
212.973.2900 tel www.aecom.com

**SUB-CONSULTANT**

MAGNUSON KLEMENCIC ASSOCIATES  
1301 Fifth Avenue, Suite 3200, Seattle, WA 98101-2899  
206.292.1200 tel 206.292.1201 fax www.mka.com

SITWORKS  
150 West 28th St, Suite 605  
New York, NY 10001 212.255.8350 siteworkscn.com

MILHOUSE  
333 South Wabash Ave, Suite 2901  
Chicago, IL 60604 313.987.0061 milhouseinc.com

TILLOTSON DESIGN ASSOCIATES  
40 Worth St, Rm 703, New York, NY 10013  
212.675.7760 tillotsondesign.com

THOMAS PHIFER AND PARTNERS  
180 Varick St, New York, NY 10014  
212.337.0334 thomaspghifer.com

NAIK CONSULTING GROUP, PC  
111 West 33rd St, Suite 605 New York, NY 10120  
212.575.2701 naikgroup.com

OWEIS  
100 East Hanover Ave., Suite 101, Cedar Knolls, NJ 07927  
973.539.440 oweisengineering.com

**KEY PLAN**

REGISTRATION



ISSUE/REVISION

I/R	DATE	DESCRIPTION
I	2023-01-30	ADDENDUM REVISION 1
I/R	DATE	DESCRIPTION

Designed By:	J. SHAW
Drawn By:	J. SHAW
Checked By:	D. KUBOVIC
Approved By:	P. BRUECK

PROJECT/TERM CONTRACT NUMBER

Contract No. 18-2586

SHEET TITLE

BATTERY PARK UNDERPASS  
CLOSURE DETOUR PLAN 2 OF 2

SHEET NUMBER

MT402

Last saved by: KUBOVIC/CD/2023-01-30, Last Plotted: 2023-01-30  
Filename: C:\P\WORKING\AECOM\CD\2023-01-30\BPCMT401.R00.DWG

**ATTACHMENT #2**

**REVISED MAINTENANCE AND PROTECTION OF TRAFFIC DRAWINGS**

***MT002: Maintenance and Protection of Traffic Notes 2 of 2***

***MT301: NSI Schematic MPT Location Plan (1 of 2)***

***MT302: NSI Schematic MPT Location Plan (2 of 2)***

***MT311: NSI Schematic MPT Plans 1 of 3***

***MT312: NSI Schematic MPT Plans 2 of 3***

***MT313: NSI Schematic MPT Plans 3 of 3***

***(ATTACHED)***



FDNY-OPERATIONS CONSIDERATIONS

1.

PRIOR TO CONSTRUCTION CONTRACTOR SHALL CONTACT FIRE DEPARTMENT OPERATIONS CENTER (FDOC) TO ARRANGE PRECONSTRUCTION MEETING WITH FDNY DIVISION 11.
2.

AN EMERGENCY ACCESS LANE, WITH A MINIMUM WIDTH OF 10 FEET, SHALL BE PROVIDED TO ENSURE ACCESS FOR FIRE DEPARTMENT VEHICLES ALONG ENTIRE LENGTH OF THE STREET UNLESS OTHERWISE APPROVED IN WRITING BY THE FIRE DEPARTMENT. THE EMERGENCY ACCESS LANE MUST BE ACCESSIBLE FROM BOTH ENDS OF THE STREET.
3.

ACCESS TO ALL HYDRANTS, BUILDING ENTRANCES AND SIAMESE CONNECTIONS MUST BE AVAILABLE AT ALL TIMES.
4.

CONTRACTOR TO PROVIDE REFLECTIVE SIGNAGE ON FENCING TO CLEARLY INDICATE LOCATION OF ALL HYDRANTS AND SIAMESE CONNECTIONS.
5.

WHERE TRENCHING IS TO BE EMPLOYED WITHIN 50 FEET OF A HYDRANT OR SIAMESE CONNECTION, BRIDGING (OR STEEL PLATES OR OTHER APPROVED MEANS) MUST BE EMPLACED TO ENABLE FDNY UNITS TO CROSS THE TRENCH, ADHERING TO THE FOLLOWING:

A.

NOT MORE THAN 200 FEET APART. PROXIMITY TO HYDRANTS IS IMPERATIVE.

B.

MINIMUM OF 4 FEET WIDE AND CAPABLE OF SUPPORTING A MINIMUM WEIGHT OF 1200 LBS.

C.

PRIMARY SUPPORTS SHALL BE NON-COMBUSTIBLE.
6.

NO STREET SHALL BE CLOSED TO EMERGENCY TRAFFIC WITHOUT PRIOR WRITTEN APPROVAL OF THE FIRE DEPARTMENT.
7.

ALL INTERSECTIONS MUST REMAIN OPEN AT ALL TIMES. INTERSECTION MAY BE CLOSED FOR UP TO 1/2 THEIR WIDTH TO ALLOW FOR NECESSARY ROADWORK WHILE STILL ALLOWING FOR EMERGENCY VEHICLE ACCESS.
8.

IN NO CASE SHALL CONTRACTOR BLOCK ACCESS TO SIAMESE CONNECTION.
9.

PERSON(S) RESPONSIBLE FOR STREET/LANE CLOSURES SHALL NOTIFY THE FDOC AT 718-999-7900 AT LEAST 48 HOURS IN ADVANCE OF ANY WORK THAT WOULD RENDER A FIRE HYDRANT OR STANDPIPE/SPRINKLER SYSTEM OUT OF SERVICE OR INACCESSIBLE. THE FDOC WILL NOTIFY THE ADMINISTRATIVE UNITS.
10.

IF ANY CHANGES TO STREET WIDTHS ARE PROPOSED IN FUTURE PLANS, THE FIRE DEPARTMENT NEEDS A MINIMUM STREET WIDTH OF 25 FEET TO COMPLETE A RIGHT HAND TURN WHEN COMING OFF AN EXISTING STREET.
11.

THE PERSON(S) RESPONSIBLE FOR STREET/LANE CLOSURES SHALL NOTIFY THE FIRE DEPARTMENT VIA EMAIL AT PLANING@FDNY.NYC.GOV NOT LESS THAN 3 BUSINESS DAYS PRIOR TO DATE OF CLOSING. THE EMAIL SHALL CONTAIN THE FOLLOWING INFORMATION:

A.

CONSTRUCTION COMPANY NAME AND CONTACT INFORMATION (24 HOUR)

B.

STREET NAME (AND CROSS STREETS IF APPLICABLE)

C.

DATE(S) OF CLOSURE

D.

TIME OF CLOSURE (START/END TIMES)

E.

NYCDOT PERMIT NUMBER

F.

PDF SITE PLAN SHOWING AREA OF CLOSURE AND ACCESS LANE

SPECIAL NOTE:

1.

CONTRACTOR SHALL SUBMIT A PROPOSED STAGING PLAN AND SCHEDULE FOR ALL THE WORK WITHIN BPCA PROPERTY TO BPCA FOR REVIEW AND APPROVAL PRIOR TO THE START OF WORK.

TEMPORARY CONSTRUCTION SIGNS - TEXT  
IN ACCORDANCE WITH NYCDOT STANDARD  
HIGHWAY SPECIFICATION SECTION 6.25

- A - ROAD WORK AHEAD
- B - SIDEWALK CLOSED, CROSS HERE (WITH ARROW)
- C - CROSSWALK CLOSED
- D - LARGE ARROW KEEP RIGHT (OR LEFT)
- E - END ROAD WORK
- F - NO PARKING ANY TIME
- G - ROAD CLOSED TO THRU TRAFFIC  
EXCEPT LOCAL AND EMERGENCY VEHICLES
- H - NO LEFT TURN
- I - NO RIGHT TURN
- J - TWO DIRECTION LARGE ARROW
- K - ROAD CLOSED AHEAD
- L - NO STANDING ANY TIME
- M - (SIAMESE CONNECTION SYMBOL WITH ARROW)
- N - (HYDRANT SYMBOL WITH ARROW)
- O - DETOUR AHEAD
- P - "STREET NAME" DETOUR (WITH LEFT ARROW)
- Q - "STREET NAME" DETOUR (WITH RIGHT ARROW)
- R - "STREET NAME" DETOUR (WITH UP ARROW)
- S - END DETOUR
- T - CONSTRUCTION IN BIKE LANE AHEAD PROCEED WITH CAUTION
- U - CONSTRUCTION IN BIKE LANE PROCEED WITH CAUTION
- V - "RIGHT" OR "LEFT" LANE CLOSED AHEAD
- W - LANE MERGE AHEAD SYMBOL
- X - CENTER LANE CLOSED AHEAD

NOTE:  
NOT ALL SIGN TYPES ABOVE ARE USED ON MPT PLANS.

LEGEND

- WORK AREA
- DIRECTION OF TRAFFIC (EXISTING)
- DIRECTION OF TRAFFIC (MODIFIED DURING MPT ONLY)
- LIGHTED TIMBER BARRICADE [DWG. NO. H-1013 ILLUMINATED TIMBER BARRICADE]
- WATERFILLED BARRIER
- PLASTIC BARREL [DWG. NO. H-1049 PLASTIC BARREL]
- PEDESTRIAN STEEL BARRICADES [H-1014 TEMPORARY PEDESTRIAN STEEL BARRICADE]
- TEMPORARY SIGNS (LISTED ABOVE)
- FLASHING ARROW BOARD
- NOTE:  
DRAWINGS REFERENCED IN LEGEND REFER TO NYCDOT STANDARD DETAILS OF CONSTRUCTION.

PROJECT

SOUTH BATTERY PARK CITY  
RESILIENCY DESIGN  
SERVICES

CLIENT

HUGH L. CAREY  
BATTERY PARK CITY  
AUTHORITY

CONSULTANT

AECOM USA  
605 3rd Ave, 2nd Floor, New York, NY 10158  
212.973.2900 tel www.aecom.com

SUB-CONSULTANT

MAGNUSSON KLEMENCIC ASSOCIATES  
1301 Fifth Avenue, Suite 3200, Seattle, WA 98101-2699  
206.292.1200 tel 206.292.1201 fax www.mka.com

SITeworkKS  
150 West 28th St., Suite 605  
New York, NY 10001 212.255.8350 siteworkscm.com

MILHOUSE  
333 South Wabash Ave, Suite 2901,  
Chicago, IL 60604 313.987.0061 milhouseinc.com

TILLOTSON DESIGN ASSOCIATES  
40 Worth St. Rm 703, New York, NY 10013  
212.675.7760 tillotsondesign.com

THOMAS PHIFER AND PARTNERS  
180 Varick St., New York, NY 10014  
212.337.0334 thomasphifer.com

NAIK CONSULTING GROUP, PC  
111 West 33rd St., Suite 605 New York, NY 10120  
212.575-2701 naikgroup.com

OWEIS  
100 East Hanover Ave., Suite 101, Cedar Knolls, NJ 07927  
973.539.440 oweisengineering.com

REGISTRATION



ISSUE/REVISION

I	2023-01-24	ADDENDUM REVISION 1
	2022-11-02	BID SET
I/R	DATE	DESCRIPTION

Designed By: M. FOSTER

Drawn By: M. FOSTER

Checked By: D. KUBOVIC

Approved By: P. BRUECK

PROJECT/TERM CONTRACT NUMBER

Contract No. 18-2586

SHEET TITLE

MAINTENANCE AND  
PROTECTION OF TRAFFIC  
NOTES 2 OF 2

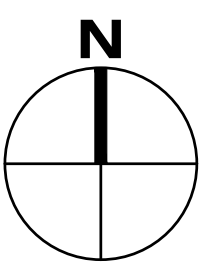
SHEET NUMBER

MT002



NOTES:

1. PROPOSED WORK SHOWN HEREIN IS LIMITED TO THE MODIFICATION OF EXISTING DEP INTERCEPTOR SEWER/ REGULATOR STRUCTURES FOR THE PURPOSE OF FLOOD HARDENING THE EXISTING INTERCEPTOR. FOR ALL OTHER PROPOSED WORK, SEE APPROPRIATE DRAWINGS.
2. REGULATOR M7 IS LOCATED OUTSIDE OF THE TOPOGRAPHIC SURVEY LIMIT AND IS SHOWN SCHEMATICALLY. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS AND LOCATION PRIOR TO START OF WORK. NO ADDITIONAL PAYMENT SHALL BE MADE BASED ON EXISTING FIELD CONDITIONS NOT SHOWN IN DRAWINGS.
3. SEE DWG. NO. NG001, MT001 AND MT002 FOR MAINTENANCE AND PROTECTION OF TRAFFIC NOTES.



PROJECT  
SOUTH BATTERY PARK CITY  
RESILIENCY DESIGN  
SERVICES  
CLIENT

HUGH L. CAREY  
BATTERY PARK CITY  
AUTHORITY  
CONSULTANT

AECOM USA  
605 3rd Ave, 2nd Floor, New York, NY 10158  
212.973.2900 tel www.aecom.com

SUB-CONSULTANT  
MAGNUSSON KLEMMENCIC ASSOCIATES  
1301 Fifth Avenue, Suite 3200, Seattle, WA 98101-2699  
206.292.1200 tel 206.292.1201 fax www.mka.com

SITWORKS  
150 West 28th St, Suite 605  
New York, NY 10001 212.255.8350 siteworkscom.com

MILHOUSE  
333 South Wabash Ave, Suite 2901,  
Chicago, IL 60604 313.987.0061 milhouseinc.com

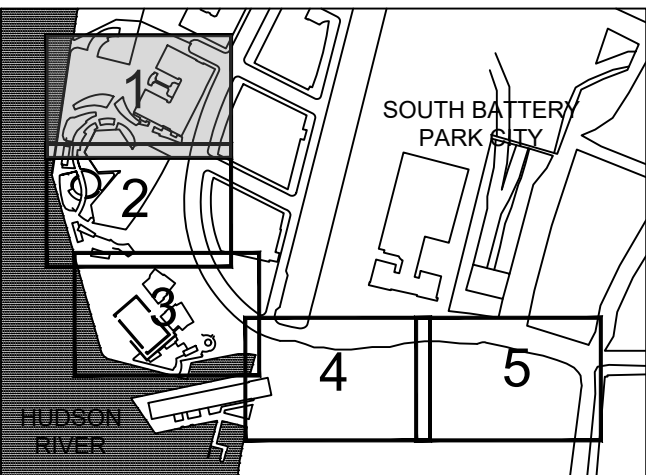
TILLOTSON DESIGN ASSOCIATES  
40 Worth St, Rm 703, New York, NY 10013  
212.675.7760 tillotsondesign.com

THOMAS PHIFER AND PARTNERS  
180 Varick St, New York, NY 10014  
212.337.0334 thomasphifer.com

NAIK CONSULTING GROUP, PC  
111 West 33rd St, Suite 605 New York, NY 10120  
212.576.2701 naikgroup.com

OWEIS  
100 East Hanover Ave., Suite 101, Cedar Knolls, NJ 07927  
973.539.440 oweisengineering.com

KEY PLAN



REGISTRATION



ISSUE/REVISION

I/R	DATE	DESCRIPTION
I	2023-01-24	ADDENDUM REVISION 1
I/R	2022-11-02	BID SET

Designed By: J. SHAW  
Drawn By: J. SHAW  
Checked By: D. KUBOVIC  
Approved By: P. BRUECK

PROJECT/TERM CONTRACT NUMBER

Contract No. 18-2586

SHEET TITLE

NEAR SURFACE ISOLATION  
SCHEMATIC MPT LOCATION  
PLAN (1 of 2)

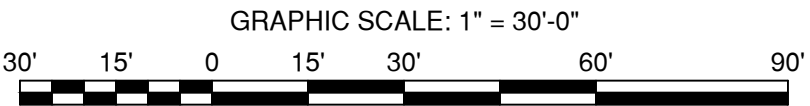
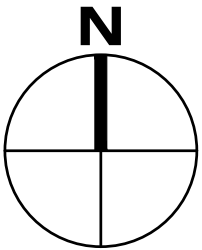
SHEET NUMBER

MT301



NOTES:  
FOR NOTES, SEE DWG. NO. MT301.

MATCHLINE - SEE DWG. NO. MT301



**AECOM**

PROJECT  
SOUTH BATTERY PARK CITY  
RESILIENCY DESIGN  
SERVICES  
CLIENT

HUGH L. CAREY  
BATTERY PARK CITY  
AUTHORITY  
CONSULTANT

**AECOM**  
AECOM USA  
605 3rd Ave, 2nd Floor, New York, NY 10158  
212.973.2900 tel www.aecom.com

**SUB-CONSULTANT**  
MAGNUSSON KLEMENCIC ASSOCIATES  
1301 Fifth Avenue, Suite 3200, Seattle, WA 98101-2699  
206.292.1200 tel 206.292.1201 fax www.mka.com

**SITEWORKS**  
150 West 28th St, Suite 605  
New York, NY 10001 212.255.8350 siteworkscm.com

**MILHOUSE**  
333 South Wabash Ave, Suite 2901,  
Chicago, IL 60604 313.987.0061 milhouseinc.com

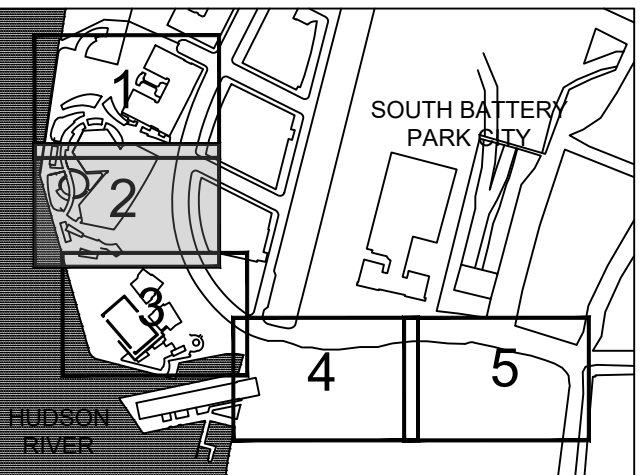
**TILLOTSON DESIGN ASSOCIATES**  
40 Worth St, Rm 703, New York, NY 10013  
212.675.7760 tilloftsondesign.com

**THOMAS PHIFER AND PARTNERS**  
180 Varick St, New York, NY 10014  
212.337.0334 thomasphifer.com

**NAIK CONSULTING GROUP, PC**  
111 West 33rd St, Suite 605 New York, NY 10120  
212.576.2701 naikgroup.com

**OWEIS**  
100 East Hanover Ave., Suite 101, Cedar Knolls, NJ 07927  
973.539.440 oweisengineering.com

**KEY PLAN**



REGISTRATION



ISSUE/REVISION

I/R	DATE	DESCRIPTION
I	2023-01-24	ADDENDUM REVISION 1
	2022-11-02	BID SET

Designed By: J. SHAW  
Drawn By: J. SHAW  
Checked By: D. KUBOVIC  
Approved By: P. BRUECK

PROJECT/TERM CONTRACT NUMBER

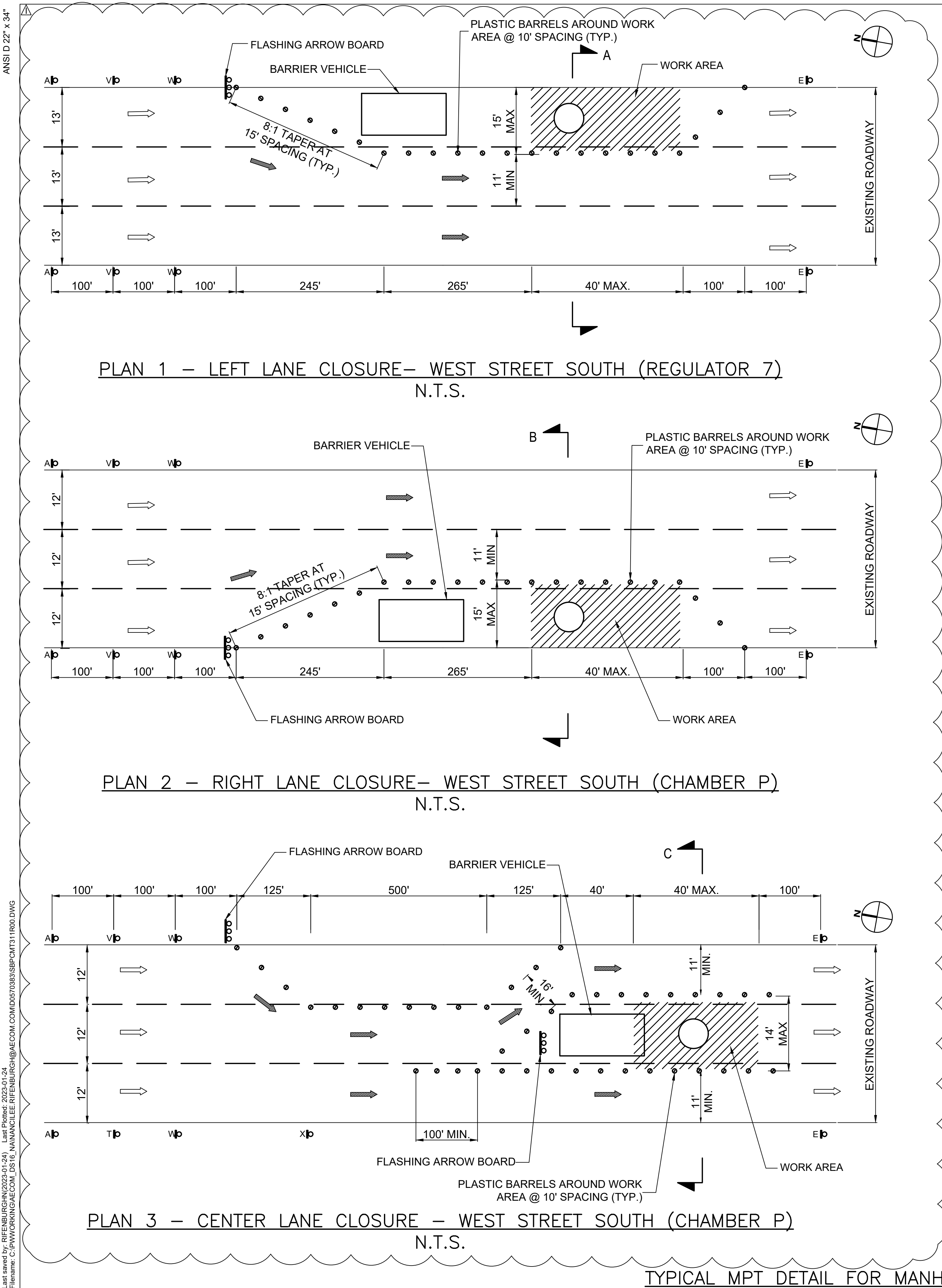
Contract No. 18-2586

SHEET TITLE

NEAR SURFACE ISOLATION  
SCHEMATIC MPT LOCATION  
PLAN (2 of 2)  
SHEET NUMBER

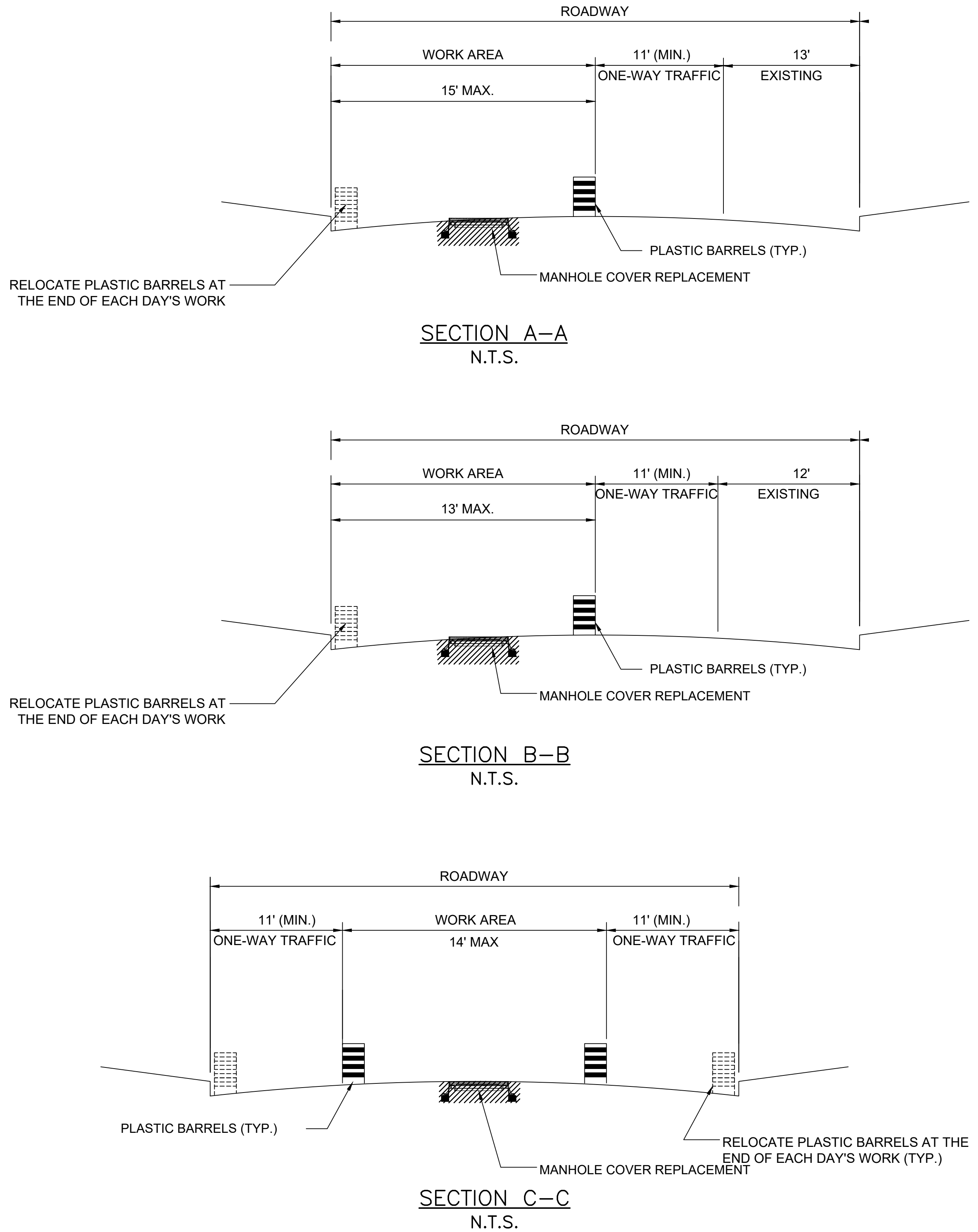
MT302





NOTES:

1. THE DETAILS ON THIS SHEET REFER TO MANHOLE REPLACEMENT THAT REQUIRES PARTIAL CLOSURE OF EXISTING SIDEWALK AND/OR ROADWAY.
2. SEE GENERAL NOTES ON SHEET NO. MT001 AND MT002.
3. REFER TO SHEET NO. MT002 FOR TEMPORARY CONSTRUCTION SIGN TEXT AND LEGEND.
4. AT THE END OF THE WORKING HOURS, CONTRACTOR IS RESPONSIBLE FOR OPENING THE ROADWAY TO NORMAL TRAFFIC.
5. SUGGESTED MPT SCHEMES REPRESENT MINIMUM ANTICIPATED REQUIREMENTS AND ASSUMED ALLOWABLE LANE WIDTHS. NO ADDITIONAL PAYMENT SHALL BE MADE FOR ADDITIONAL REQUIREMENTS NOT SHOWN ON THESE DRAWINGS.



REGISTRATION



ISSUE/REVISION

I/R	DATE	DESCRIPTION
I	2023-01-24	ADDENDUM REVISION 1
I/R	2022-11-02	BID SET

Designed By:	J. SHAW
Drawn By:	J. SHAW
Checked By:	D. KUBOVIC
Approved By:	P. BRUECK

PROJECT/TERM CONTRACT NUMBER

Contract No. 18-2586

SHEET TITLE

NEAR SURFACE ISOLATION  
SCHEMATIC MPT PLANS

1 OF 3

SHEET NUMBER

MT311



- NOTES:

1. THE DETAILS ON THIS SHEET REFER TO MANHOLE REPLACEMENT THAT REQUIRES PARTIAL CLOSURE OF EXISTING SIDEWALK, BICYCLE LANE, AND/OR ROADWAY.
2. SEE GENERAL NOTES ON SHEET NO. MT001 AND MT002.
3. REFER TO SHEET NO. MT002 FOR TEMPORARY CONSTRUCTION SIGN TEXT AND LEGEND.
4. AT THE END OF THE WORKING HOURS, CONTRACTOR IS RESPONSIBLE FOR OPENING THE ROADWAY TO NORMAL TRAFFIC.
5. SUGGESTED MPT SCHEMES REPRESENT MINIMUM ANTICIPATED REQUIREMENTS AND ASSUMED ALLOWABLE LANE WIDTHS. NO ADDITIONAL PAYMENT SHALL BE MADE FOR ADDITIONAL REQUIREMENTS NOT SHOWN ON THESE DRAWINGS.



## ISSUE/REVISION

I	2023-01-24	ADDENDUM REVISION 1
	2022-11-02	BID SET
I/R	DATE	DESCRIPTION

Designed By:	J. SHAW
Drawn By:	J. SHAW
Checked By:	D. KUBOVIC
Approved By:	P. BRUECK

## PROJECT/TERM CONTRACT NUMBER

Contract No. 18-2586

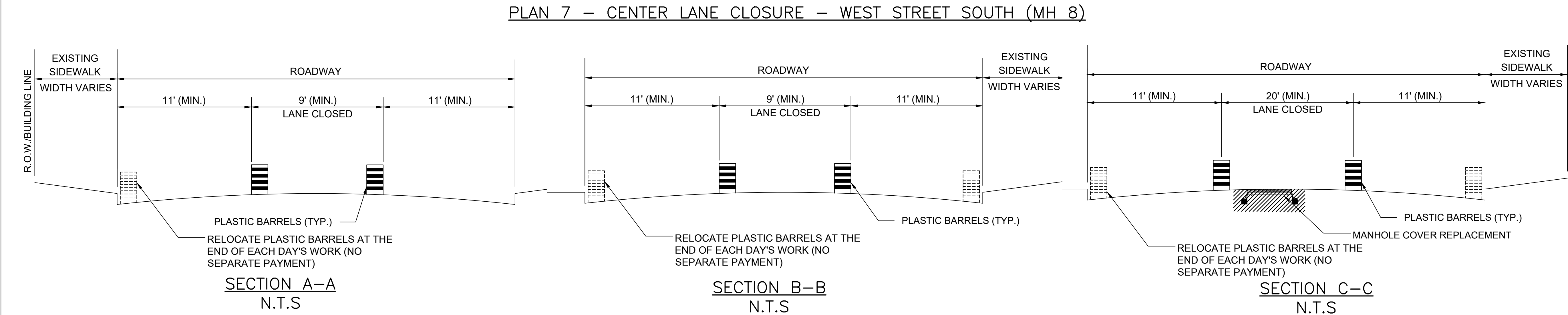
## SHEET TITLE

## NEAR SURFACE ISOLATION SCHEMATIC MPT PLANS

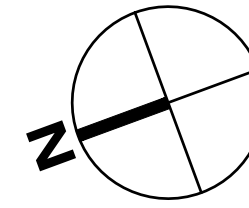
2 OF 3

**SHEET NUMBER** \_\_\_\_\_





1. THE DETAILS ON THIS SHEET REFER TO MANHOLE REPLACEMENT THAT REQUIRES PARTIAL CLOSURE OF EXISTING SIDEWALK AND/OR ROADWAY.
2. REFER TO SHEET NO. MT002 FOR TEMPORARY CONSTRUCTION SIGN TEXT AND LEGEND.
3. AT THE END OF THE WORKING HOURS, CONTRACTOR IS RESPONSIBLE FOR OPENING THE ROADWAY TO NORMAL TRAFFIC.
4. SUGGESTED MPT SCHEMES REPRESENT MINIMUM ANTICIPATED REQUIREMENTS AND ASSUMED ALLOWABLE LANE WIDTHS. NO ADDITIONAL PAYMENT SHALL BE MADE FOR ADDITIONAL REQUIREMENTS NOT SHOWN ON THESE DRAWINGS.



**PROJECT**  
SOUTH BATTERY PARK CITY  
RESILIENCY DESIGN  
SERVICES  
**CLIENT**  
HUGH L. CAREY  
BATTERY PARK CITY  
AUTHORITY  
**CONSULTANT**

**AECOM**  
AECOM USA  
605 3rd Ave., 2nd Floor, New York, NY 10158  
212.973.2900 tel [www.aecom.com](http://www.aecom.com)

**SUB-CONSULTANT**

**MAGNUSSON KLEMENCIC ASSOCIATES**  
1301 Fifth Avenue, Suite 3200, Seattle, WA 98101-2699  
206.292.1200 tel 206.292.1201 fax [www.mka.com](http://www.mka.com)

**SITWORKS**  
150 West 28th St., Suite 605  
New York, NY 10001 212.255.8350 [sitworks.com](http://sitworks.com)

**MILHOUSE**  
333 South Wabash Ave., Suite 2525, Chicago, IL 60604 312.987.0961 [milhouseinc.com](http://milhouseinc.com)

**TILLOTSON DESIGN ASSOCIATES**  
40 Worth Cen 703, New York, NY 10013  
212.675.7760 [tillotsondesign.com](http://tillotsondesign.com)

**THOMAS PHIFER AND PARTNERS**  
180 Varick St. New York, NY 10014  
212.337.0334 [thomasphifer.com](http://thomasphifer.com)

**NAIK CONSULTING GROUP, PC**  
111 West 33rd St., Suite 605 New York, NY 10012  
212.575.2701 [naikgroup.com](http://naikgroup.com)

**OWEIS**  
100 East Hanover Ave., Suite 101, Cedar Knolls, NJ 07927  
973.539.4400 [oweisengineering.com](http://oweisengineering.com)

**SITEWORKS**

**MILHOUSE**

**TILLOTSON DESIGN ASSOCIATES**

**Thomas Phifer and Partners**

**Naik Group**

**Oweis Engineering Inc.**

I	2023-01-24	ADDENDUM REVISION 1
	2022-11-02	BID SET
I/R	DATE	DESCRIPTION

Designed By:	J. SHAW
Drawn By:	J. SHAW
Checked By:	D. KUBOVIC
Approved By:	P. BRUECK

**PROJECT/TERM CONTRACT NUMBER**  
Contract No. 18-2586

**SHEET TITLE**  
NEAR SURFACE ISOLATION  
SCHEMATIC MPT PLANS  
3 OF 3

**SHEET NUMBER**

**ATTACHMENT #3**  
**REVISED STRUCTURAL DRAWINGS**

*SF309: Flood Wall Plan 4 of 5*

*SF323: Enlarged Plans – Pier A Plaza*

*SS304: Site Structures Plan 4 of 5*

*SS604: Security Bollard Details*

*SS802: 84-Inch Tide Gate Details (Pier A Plaza) 2 of 2*

*SS806: 54-Inch Tide Gate Details (Rector Place) 2 of 2*

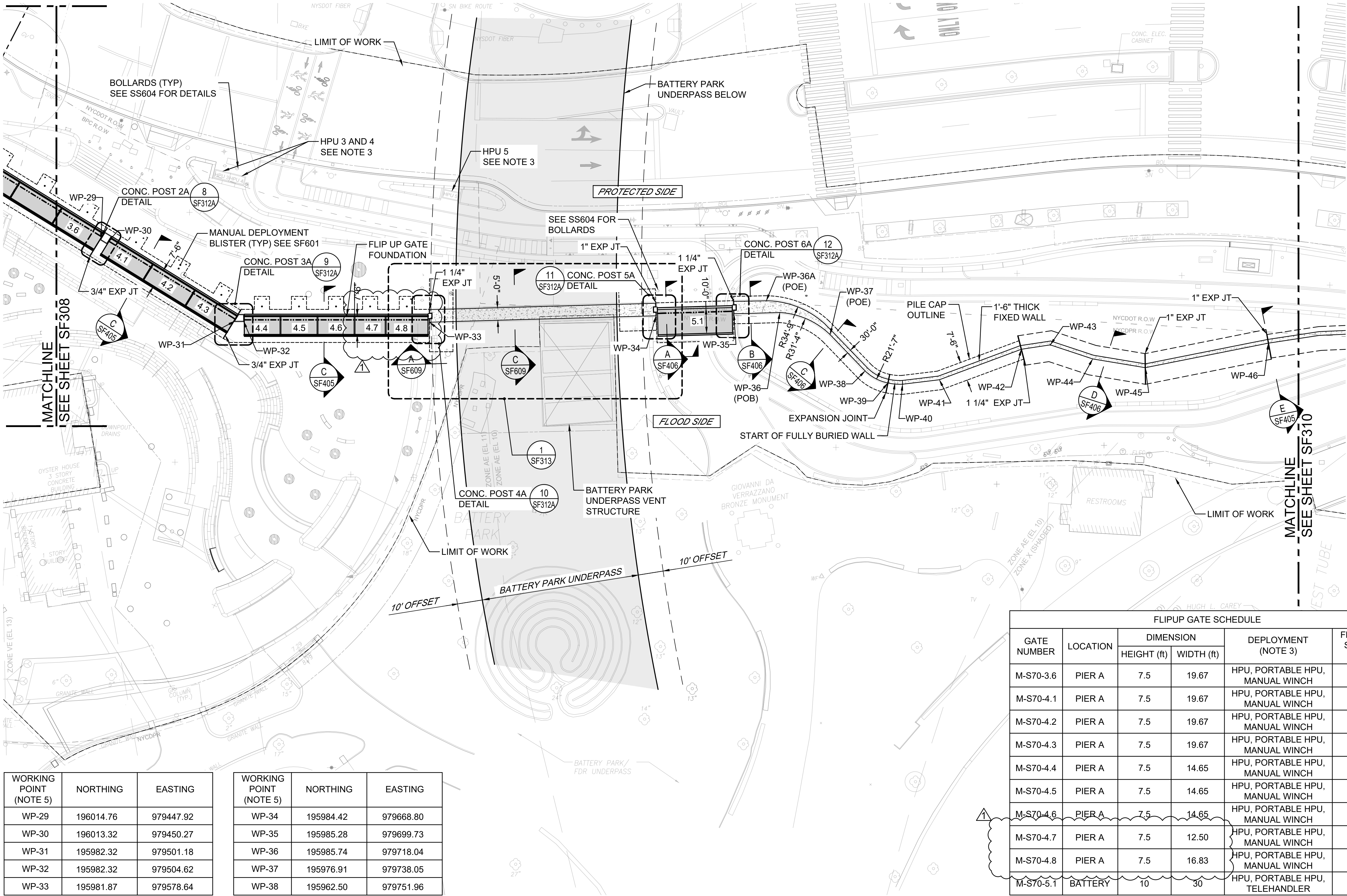
*SM602: Pier A Inlet Platform Concrete Details*

*SM603: Pier A Inlet Platform Framing Details*

(ATTACHED)



ANSI D 22" x 34"



WORKING POINT (NOTE 5)	NORTHING	EASTING
WP-29	196014.76	979447.92
WP-30	196013.32	979450.27
WP-31	195982.32	979501.18
WP-32	195982.32	979504.62
WP-33	195981.87	979578.64

WORKING POINT (NOTE 5)	NORTHING	EASTING
WP-34	195984.42	979668.80
WP-35	195985.28	979699.73
WP-36	195985.74	979718.04
WP-37	195976.91	979738.05
WP-38	195962.50	979751.96

WORKING POINT	NORTHING	EASTING
WP-39	195957.71	979761.00
WP-40	195957.21	979766.87
WP-41	195958.99	979781.50
WP-42	195971.12	979814.12
WP-43	195972.86	979825.64

WORKING POINT	NORTHING	EASTING
WP-44	195967.27	979842.52
WP-45	195963.79	979863.43
WP-46	195973.55	979912.43

NOTES:

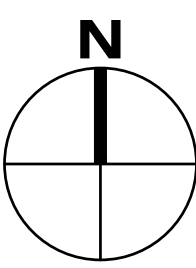
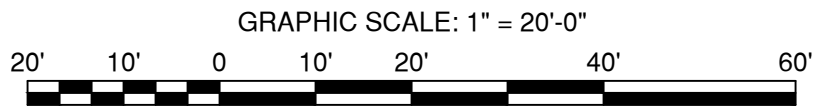
- NORTHINGS AND EASTINGS ARE IN NAD83 NY STATE PLANE LONG ISLAND COORDINATES.
- SEE SS304 FOR SITE STRUCTURES.
- PROVIDE HYDRAULIC LINES AS RECOMMENDED BY THE GATE VENDOR FROM THE HPU TO THE HYDRAULIC ARMS USED TO RAISE THE GATES. THE CONDUITS FOR HYDRAULIC FLUID MUST BE MADE OF CORROSION RESISTANT MATERIALS.
- SEE SHEET NO. SF001 FOR GATE FLOOD LOAD SEGMENTS.
- ALL WORK POINTS ARE ON THE FLOOD SIDE OF THE STRUCTURAL WALL (EXCLUSIVE OF CLADDING OR FINISHES).
- WORK THIS SHEET WITH SHEETS SF304 AND SF402.

LEGEND

X.X FLIPUP GATE NUMBER M-S70-X.X  
SEE FLIPUP GATE SCHEDULE

--- LIMIT OF WORK

FLIPUP GATE SCHEDULE					
GATE NUMBER	LOCATION	DIMENSION		DEPLOYMENT (NOTE 3)	FLOOD LOAD SEGMENTS (NOTE 4)
		HEIGHT (ft)	WIDTH (ft)		
M-S70-3.6	PIER A	7.5	19.67	HPU, PORTABLE HPU, MANUAL WINCH	-1
M-S70-4.1	PIER A	7.5	19.67	HPU, PORTABLE HPU, MANUAL WINCH	-1
M-S70-4.2	PIER A	7.5	19.67	HPU, PORTABLE HPU, MANUAL WINCH	-1
M-S70-4.3	PIER A	7.5	19.67	HPU, PORTABLE HPU, MANUAL WINCH	-1
M-S70-4.4	PIER A	7.5	14.65	HPU, PORTABLE HPU, MANUAL WINCH	-1
M-S70-4.5	PIER A	7.5	14.65	HPU, PORTABLE HPU, MANUAL WINCH	-1
M-S70-4.6	PIER A	7.5	14.65	HPU, PORTABLE HPU, MANUAL WINCH	-1
M-S70-4.7	PIER A	7.5	12.50	HPU, PORTABLE HPU, MANUAL WINCH	-1
M-S70-4.8	PIER A	7.5	16.83	HPU, PORTABLE HPU, MANUAL WINCH	-1
M-S70-5.1	BATTERY	10	30	HPU, PORTABLE HPU, TELEHANDLER	-2



AECOM

PROJECT  
SOUTH BATTERY PARK CITY  
RESILIENCY DESIGN SERVICES  
20 Battery Place  
New York, NY 10280

CLIENT  
HUGH L. CAREY BATTERY  
PARK CITY AUTHORITY  
200 Liberty St, 24th Floor, New York, NY 10281  
212.417.4304

CONSULTANT

AECOM  
AECOM USA  
605 3rd Ave, 2nd Floor, New York, NY 10158  
212.973.2900 www.aecom.com

SUB-CONSULTANT

MAGNUSSON KLEMENCIC ASSOCIATES  
1301 Fifth Avenue, Suite 3200, Seattle, WA 98101-2699  
206.292.1200 tel 206.292.1201 fax www.mka.com

SITEWORKS  
150 West 28th St, Suite 605, New York, NY 10001  
212.256.6350 siteworks.com

MILHOUSE  
333 South Wabash Ave, Suite 2901, Chicago, IL 60604  
313.987.0061 milhouseinc.com

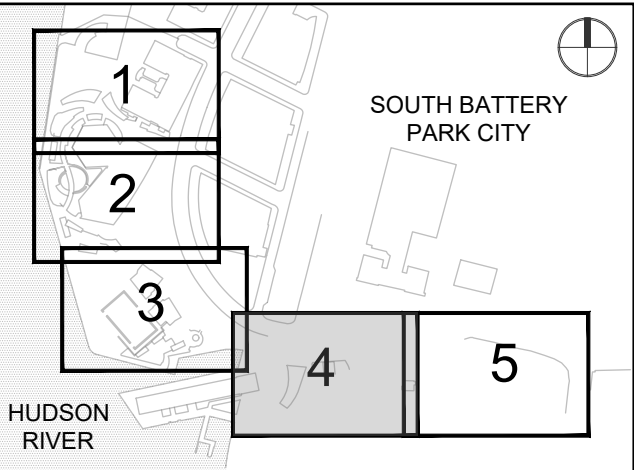
TILLOTSON DESIGN ASSOCIATES  
40 Worth St, Rm 703, New York, NY 10013  
212.675.7760 tilloftsondesign.com

THOMAS PHIFER AND PARTNERS  
180 Varick St, New York, NY 10014  
212.337.0334 thomasphifer.com

NAIK CONSULTING GROUP, PC  
111 West 33rd St, Suite 605 New York, NY 10120  
212.575.2701 naikgroup.com

OWEIS  
100 East Hanover Ave., Suite 101, Cedar Knolls, NJ 07927  
973.539.440 oweisengineering.com

KEY PLAN



REGISTRATION



NYC SBS JOB NUMBER

20220059

ISSUE/REVISION

1	2023-01-24	ADDENDUM REVISION 1
	2022-11-02	BID SET
I/R	DATE	DESCRIPTION

PROJECT/TERM CONTRACT NUMBER

Contract No. 18-2586

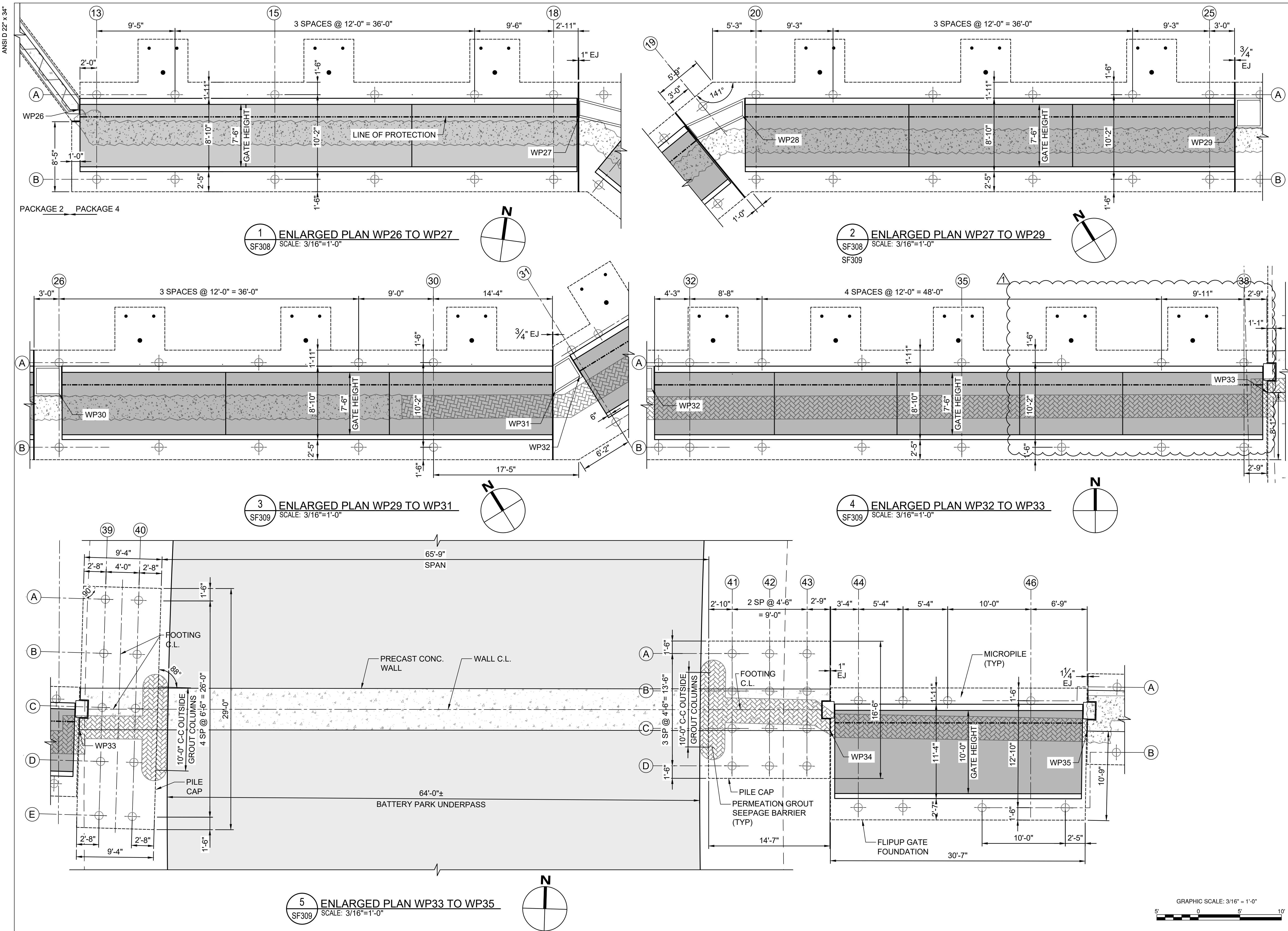
SHEET TITLE

FLOOD WALL PLAN  
4 OF 5

SHEET NUMBER

SF309





**PROJECT**  
SOUTH BATTERY PARK CITY  
RESILIENCY DESIGN SERVICES  
20 Battery Place  
New York, NY 10280

**CLIENT**  
HUGH L. CAREY BATTERY  
PARK CITY AUTHORITY  
200 Liberty St, 24th Floor, New York, NY 10281  
212.417.4304

**CONSULTANT**  
**AECOM**  
AECOM USA  
605 3rd Ave, 2nd Floor, New York, NY 10158  
212.973.2900 www.aecom.com

**SUB-CONSULTANT**  
MAGNUSSON KLEMENCIC ASSOCIATES  
1301 Fifth Avenue, Suite 3200, Seattle, WA 98101-2699  
206.292.1200 tel 206.292.1201 fax www.mka.com

**SITWORKS**  
150 West 28th St, Suite 605, New York, NY 10001  
212.255.6350 siteworkscm.com

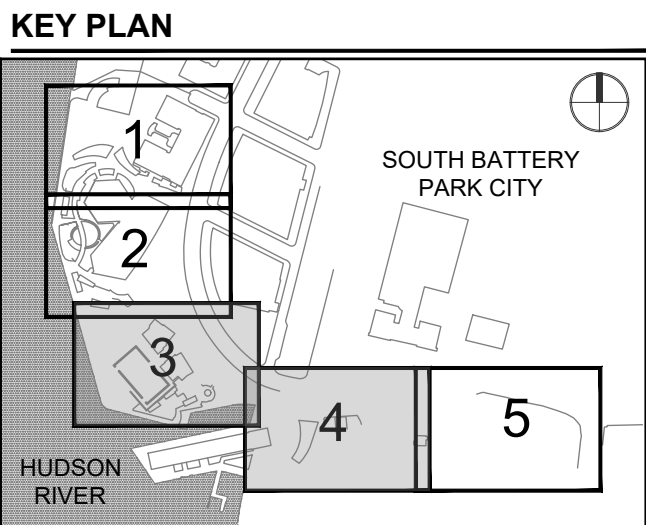
**MILHOUSE**  
333 South Wabash Ave, Suite 2901, Chicago, IL 60604  
313.987.0061 milhouseinc.com

**TILLOTSON DESIGN ASSOCIATES**  
40 Worth St, Rm 703, New York, NY 10013  
212.675.7760 tillotdesign.com

**THOMAS PHIFER AND PARTNERS**  
180 Varick St., New York, NY 10014  
212.337.0334 thomaspghifer.com

**NAIK CONSULTING GROUP, PC**  
111 West 33rd St., Suite 605 New York, NY 10120  
212.575.2701 naikgroup.com

**OWEIS**  
100 East Hanover Ave., Suite 101, Cedar Knolls, NJ 07927  
973.539.440 oweisengineering.com



REGISTRATION



NYC SBS JOB NUMBER

20220059

ISSUE/REVISION

1	2023-01-24	ADDENDUM REVISION 1
1/R	2022-11-02	BID SET
1/R	DATE	DESCRIPTION

PROJECT/TERM CONTRACT NUMBER

Contract No. 18-2586

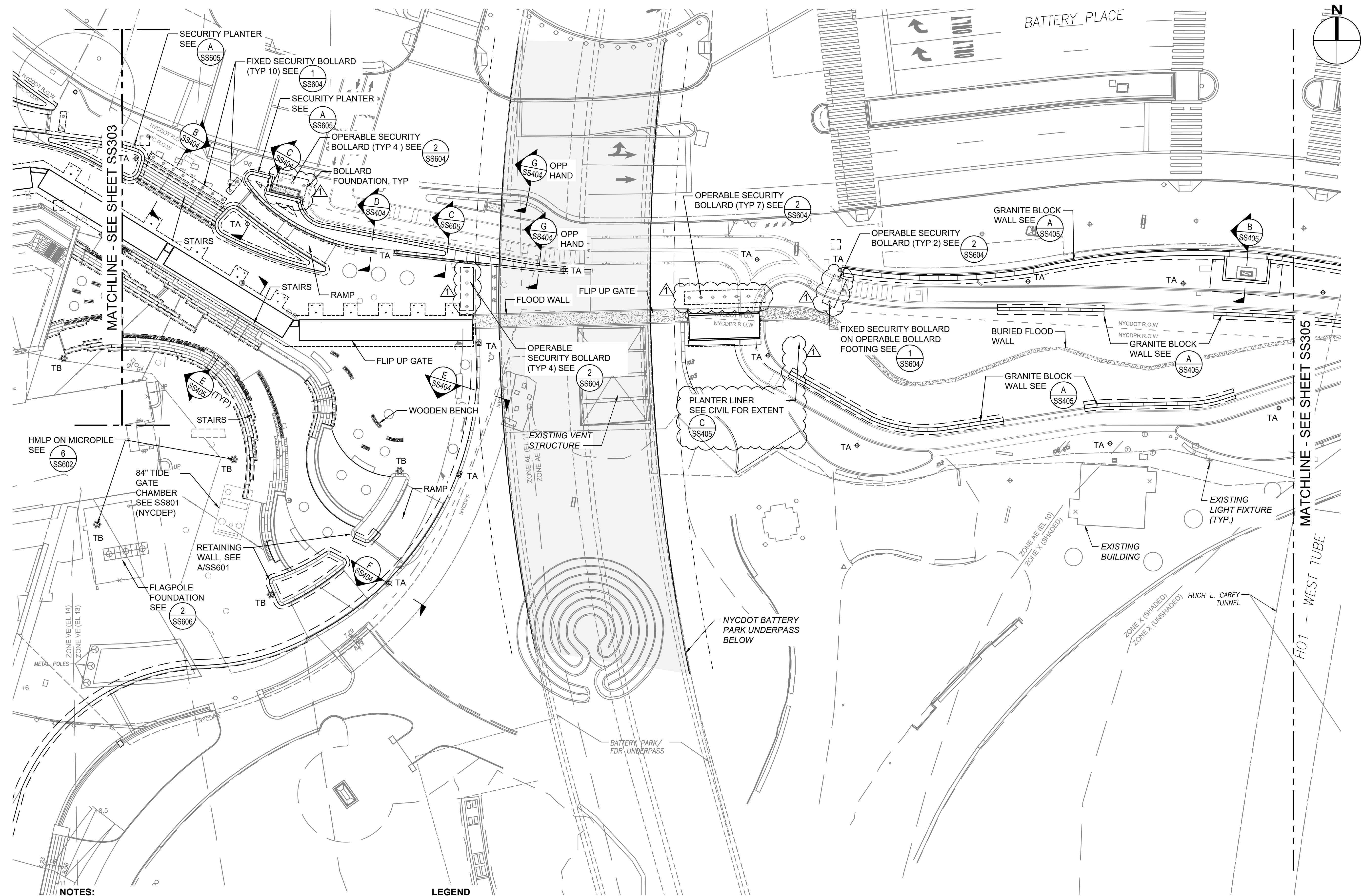
SHEET TITLE

ENLARGED PLANS  
- PIER A PLAZA

SHEET NUMBER

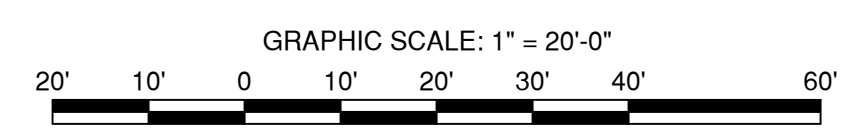
SF323

ANSI D 22" x 34"



- NOTES:**
- SEE LARCH DRAWINGS FOR FINISHES AND ELEVATIONS.
  - SEE CIVIL DRAWINGS FOR GRADING.
  - SEE SF SERIES FOR FLOODWALL ALIGNMENT AND DETAILS.

- LEGEND**
- ✱ TB LIGHTPOLE TYPE TB FOR FOUNDATION SEE 1 SS602
  - ✱ TA LIGHTPOLE TYPE TA FOR FOUNDATION SEE 2 SS602
  - SPF SIGN POST FOOTING SEE 1 SS606



# AECOM

**PROJECT**  
SOUTH BATTERY PARK CITY  
RESILIENCY DESIGN SERVICES  
20 Battery Place  
New York, NY 10280

**CLIENT**  
HUGH L. CAREY BATTERY  
PARK CITY AUTHORITY  
200 Liberty St, 24th Floor, New York, NY 10281  
212.417.4304

**CONSULTANT**  
**AECOM**  
AECOM USA  
605 3rd Ave, 2nd Floor, New York, NY 10158  
212.973.2900 www.aecom.com

**SUB-CONSULTANT**  
MAGNUSON KLEMENCIC ASSOCIATES  
1301 Fifth Avenue, Suite 3200, Seattle, WA 98101-2699  
206.292.1200 tel 206.292.1201 fax www.mka.com

**SITWORKS**  
150 West 28th St, Suite 605, New York, NY 10001  
212.256.6350 siteworksm.com

**MILHOUSE**  
333 South Wabash Ave, Suite 2901, Chicago, IL 60604  
313.987.0061 milhouseinc.com

**TILLOTSON DESIGN ASSOCIATES**  
40 Worth St, Rm 703, New York, NY 10013  
212.675.7760 tillotsondesign.com

**THOMAS PHIFER AND PARTNERS**  
180 Varick St., New York, NY 10014  
212.337.0334 thomasphifer.com

**NAIK CONSULTING GROUP, PC**  
111 West 33rd St., Suite 605 New York, NY 10120  
212.575.2701 naikgroup.com

**OWEIS**  
100 East Hanover Ave., Suite 101, Cedar Knolls, NJ 07927  
973.539.440 oweisengineering.com

**KEY PLAN**

SOUTH BATTERY  
PARK CITY

HUDSON  
RIVER

**REGISTRATION**

**NYC SBS JOB NUMBER**

20220059

**ISSUE/REVISION**

1/R	DATE	DESCRIPTION
1	2023-01-24	ADDENDUM REVISION 1
	2022-11-02	BID SET

**PROJECT/TERM CONTRACT NUMBER**

Contract No. 18-2586

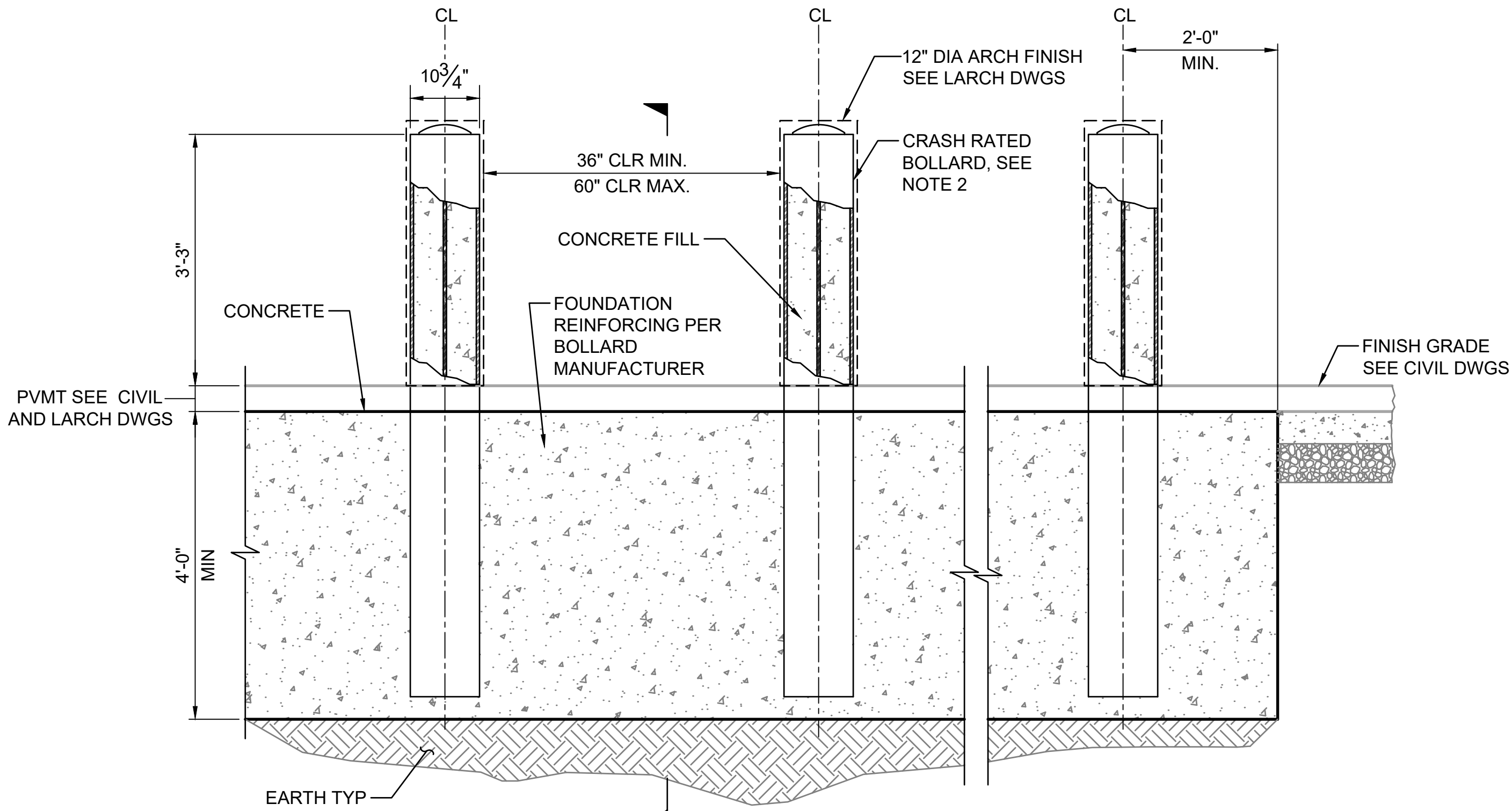
**SHEET TITLE**

SITE STRUCTURES PLAN  
4 OF 5

**SHEET NUMBER**

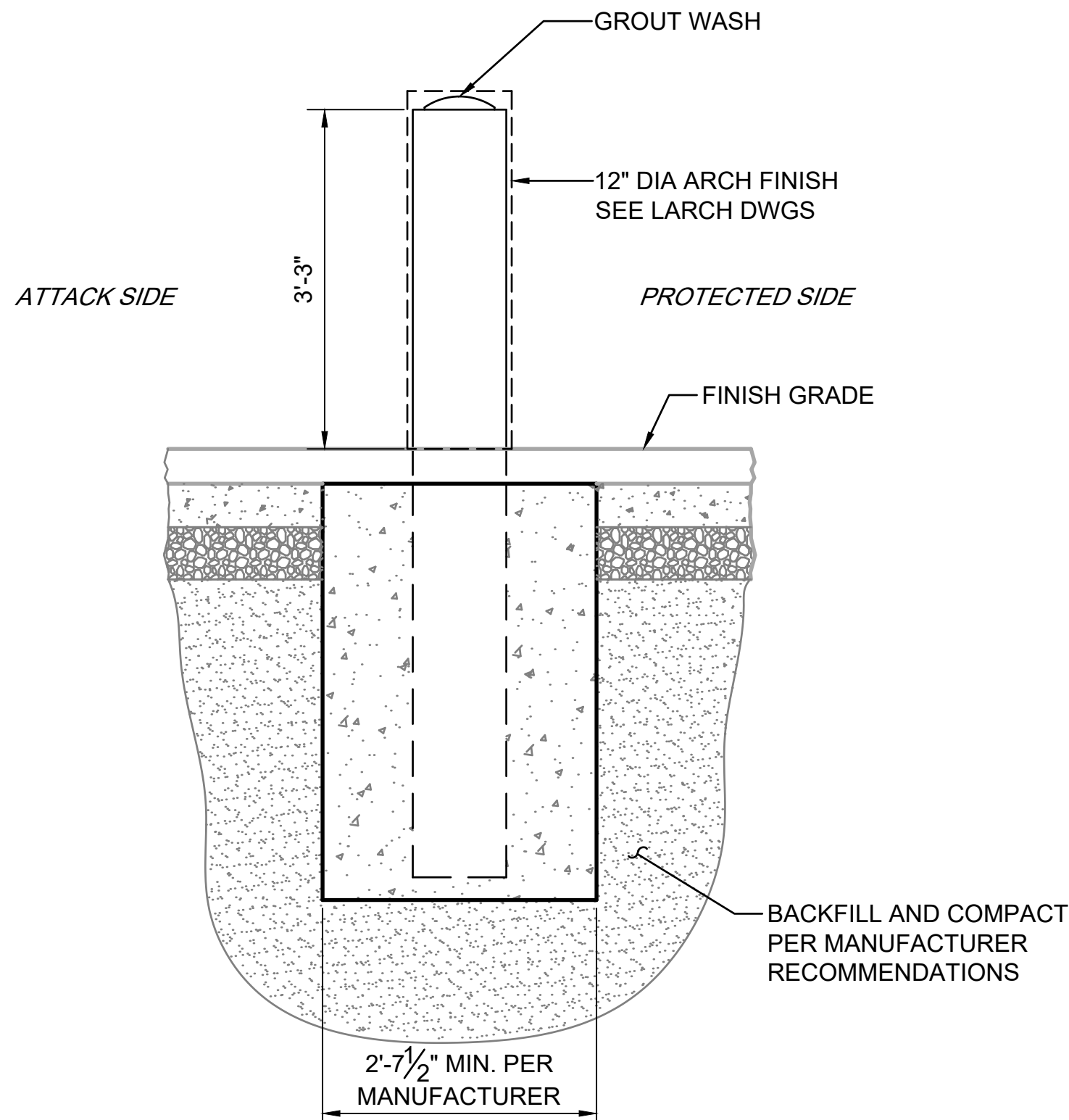
SS304



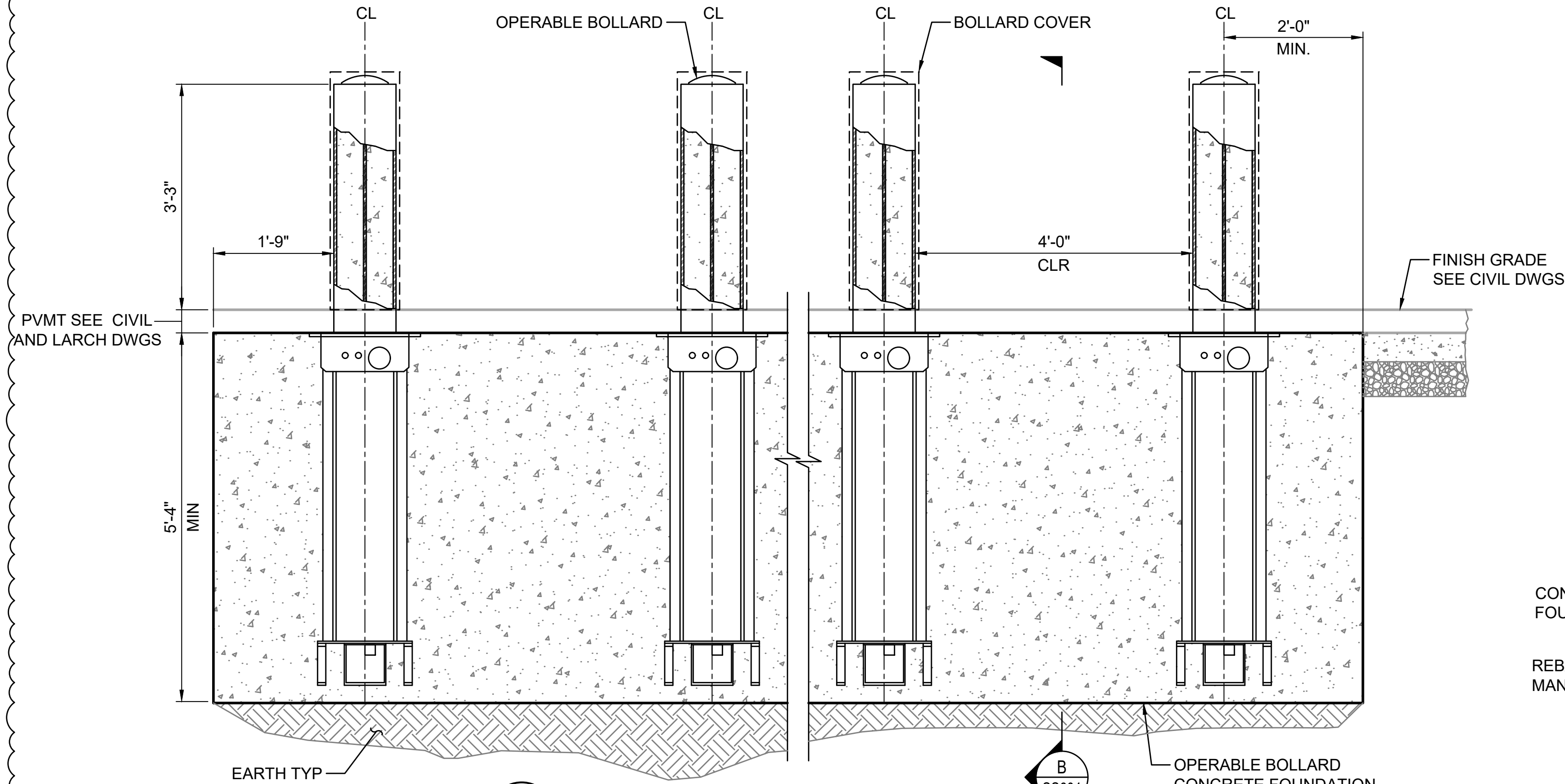


1 TYPICAL FIXED BOLLARD  
SCALE: 3/4"=1'-0"

SS303  
SS304  
SS604

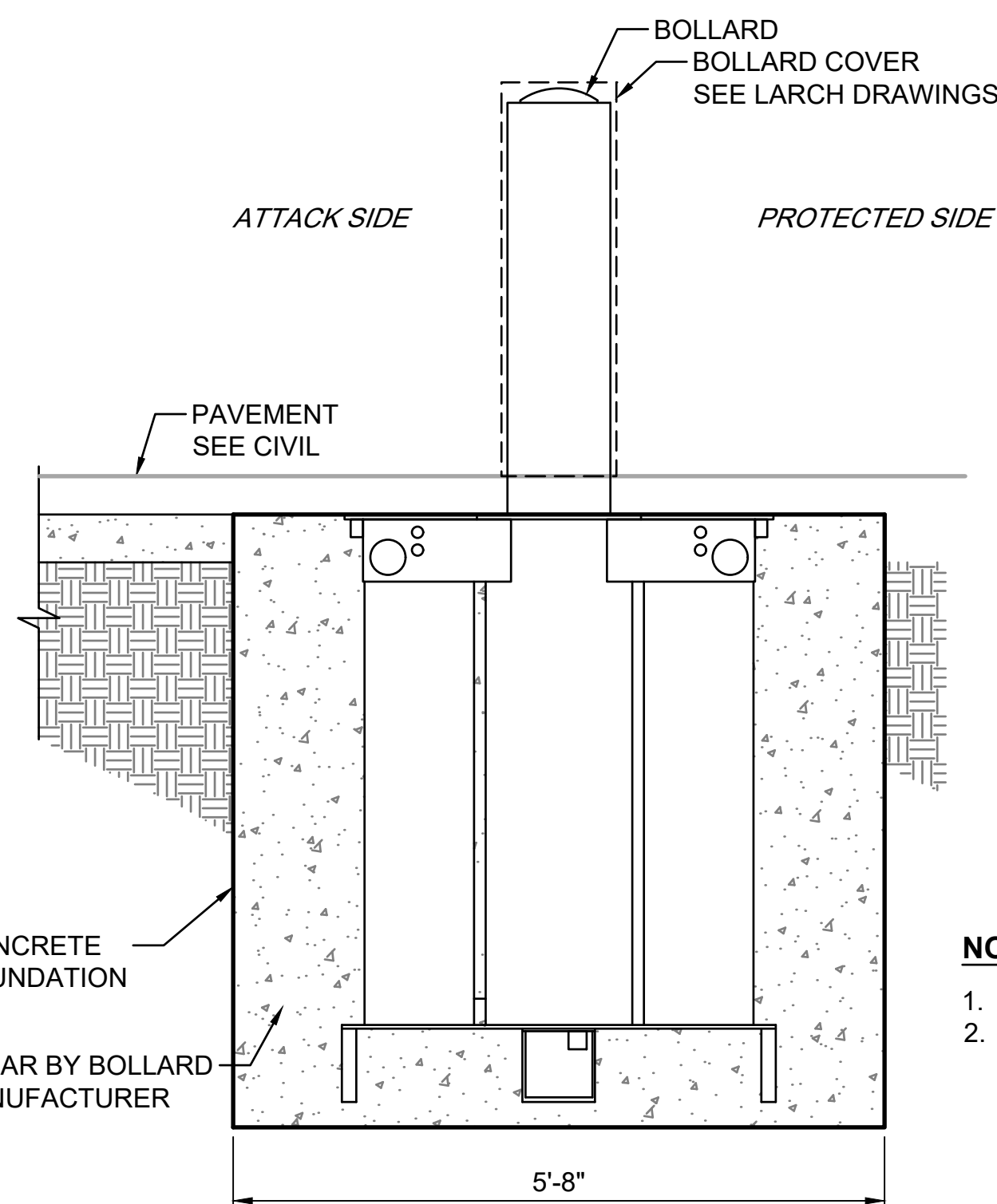


A SECTION  
SS604 SCALE: 3/4"=1'-0"



2 TYPICAL OPERABLE BOLLARD  
SCALE: 3/4"=1'-0"

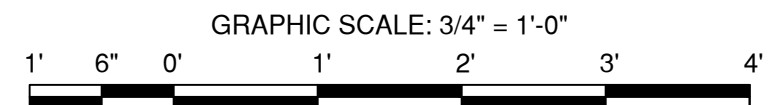
SS303  
SS304



B SECTION  
SS604 SCALE: 3/4"=1'-0"

NOTES:

- SEE SHEETS SS301 TO SS305 FOR BOLLARD LOCATIONS.
- BOLLARD DESIGN (SINGLE BOLLARD) SHALL BE CRASH-TEST-CERTIFIED TO ASTM F2656 IMPACT CONDITION DESIGNATION M30, PENETRATION RATING P1. BOLLARDS MUST BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS TO ACHIEVE THE REQUIRED SECURITY RATING.



PROJECT  
SOUTH BATTERY PARK CITY  
RESILIENCY DESIGN SERVICES  
20 Battery Place  
New York, NY 10280

CLIENT  
HUGH L. CAREY BATTERY  
PARK CITY AUTHORITY  
200 Liberty St, 24th Floor, New York, NY 10281  
212.417.4304

CONSULTANT  
AECOM  
AECOM USA  
605 3rd Ave, 2nd Floor, New York, NY 10158  
212.973.2900 www.aecom.com

SUB-CONSULTANT  
MAGNUSON KLEMENCIC ASSOCIATES  
1301 Fifth Avenue, Suite 3200, Seattle, WA 98101-2699  
206.292.1200 tel 206.292.1201 fax www.mka.com

SITWORKS  
150 West 28th St, Suite 605, New York, NY 10001  
212.255.6350 siteworkscm.com

MILHOUSE  
333 South Wabash Ave, Suite 2901, Chicago, IL 60604  
313.987.0061 milhouseinc.com

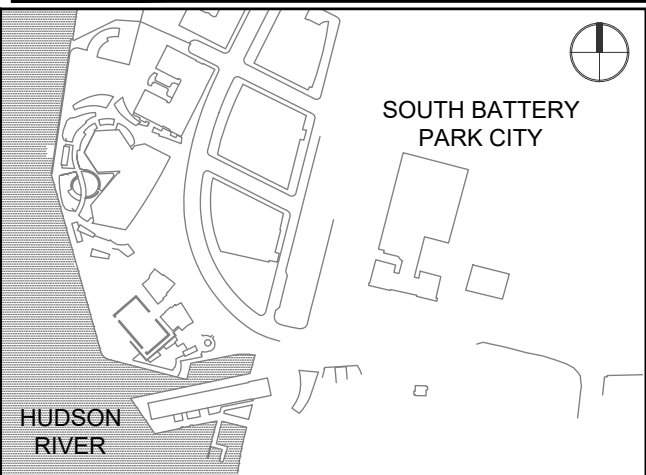
TILLOTSON DESIGN ASSOCIATES  
40 Worth St, Rm 703, New York, NY 10013  
212.675.7760 tillotsondesign.com

THOMAS PHIFER AND PARTNERS  
180 Varick St., New York, NY 10014  
212.337.0334 thomasphifer.com

NAIK CONSULTING GROUP, PC  
111 West 33rd St., Suite 605 New York, NY 10120  
212.575.2701 naikgroup.com

OWEIS  
100 East Hanover Ave., Suite 101, Cedar Knolls, NJ 07927  
973.539.440 oweisengineering.com

KEY PLAN



REGISTRATION



NYC SBS JOB NUMBER

20220059

ISSUE/REVISION

1	2023-01-24	ADDENDUM REVISION 1
2	2022-11-02	BID SET
I/R	DATE	DESCRIPTION

PROJECT/TERM CONTRACT NUMBER

Contract No. 18-2586

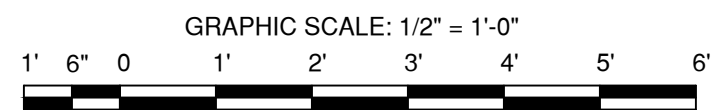
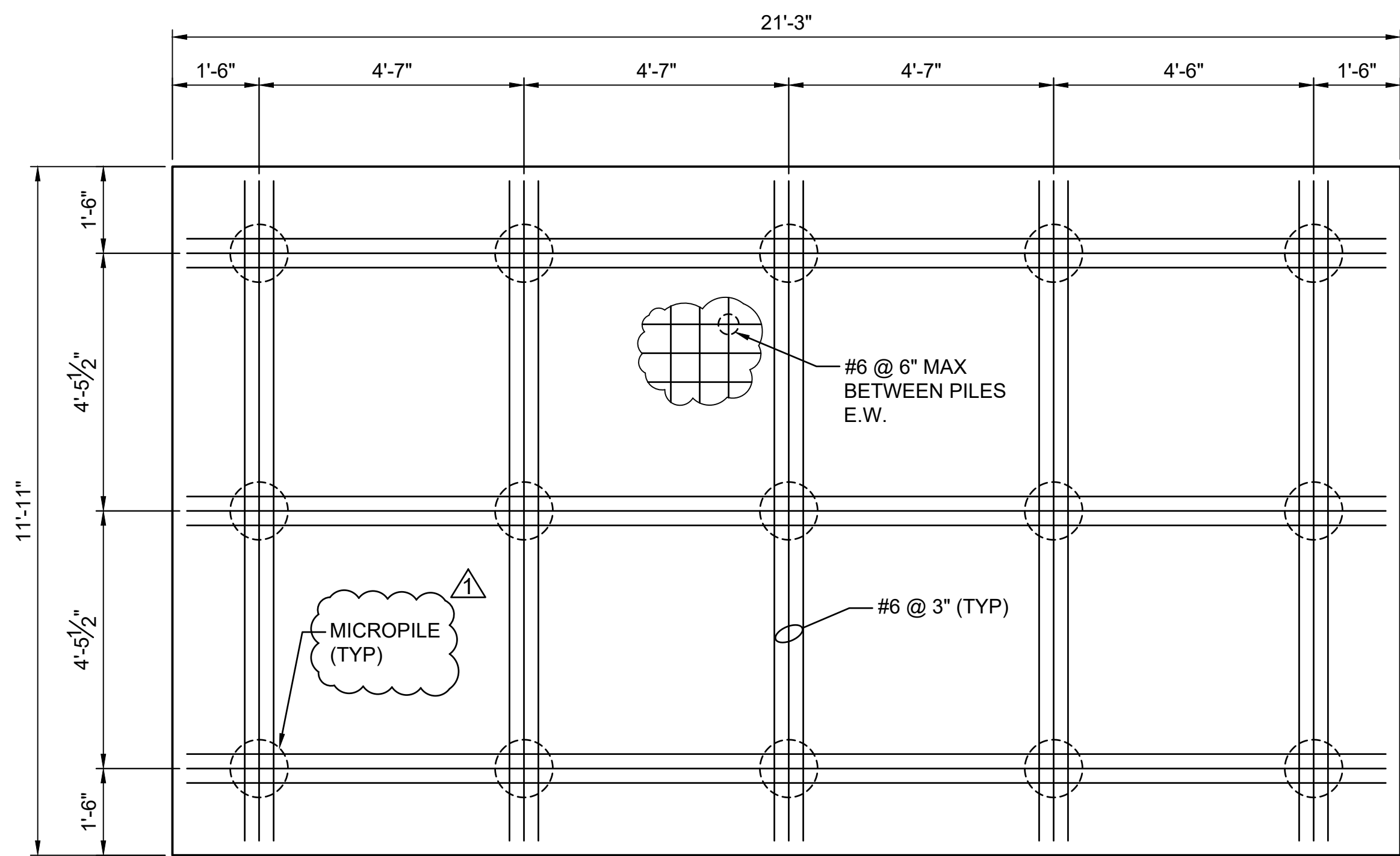
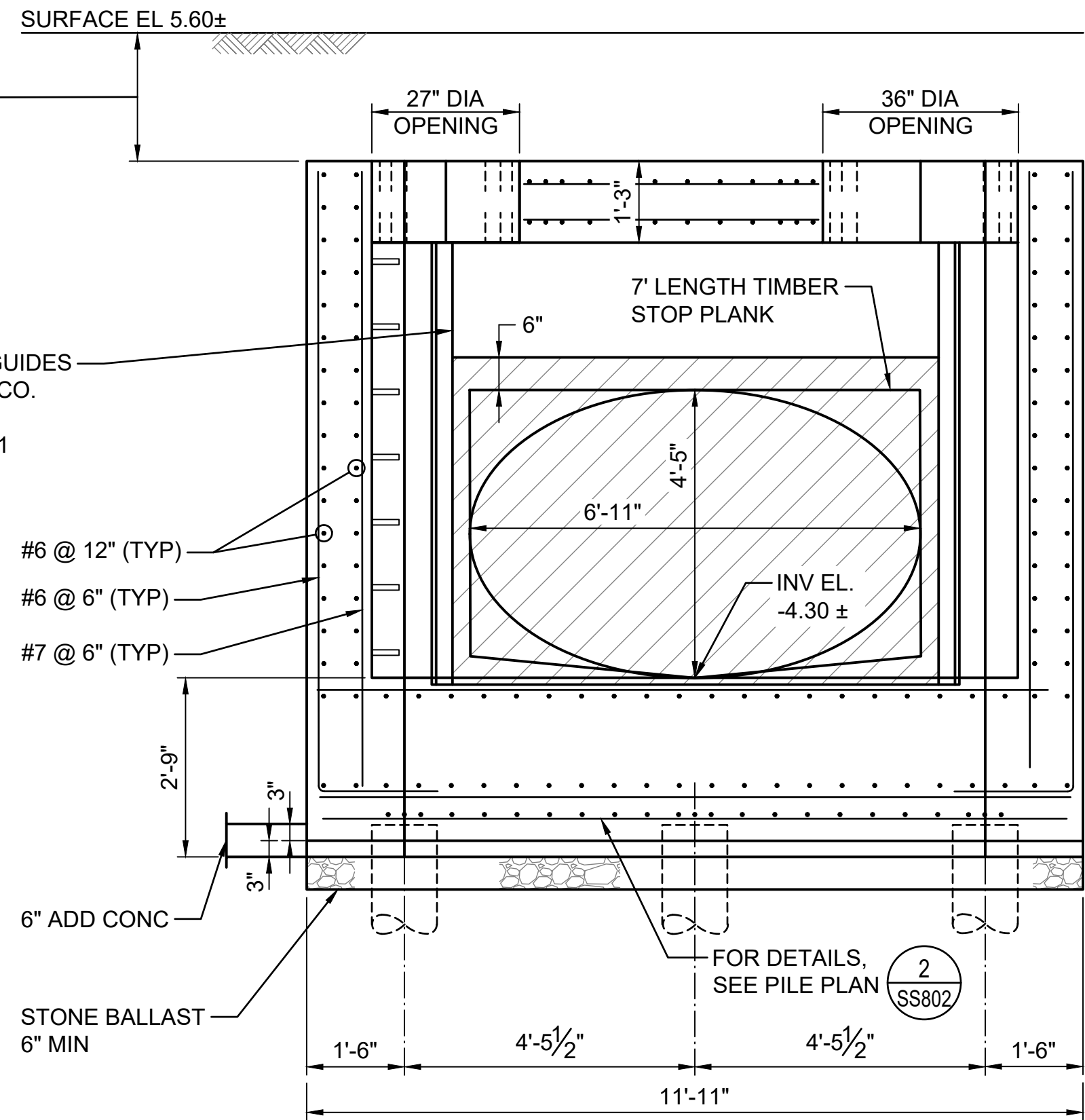
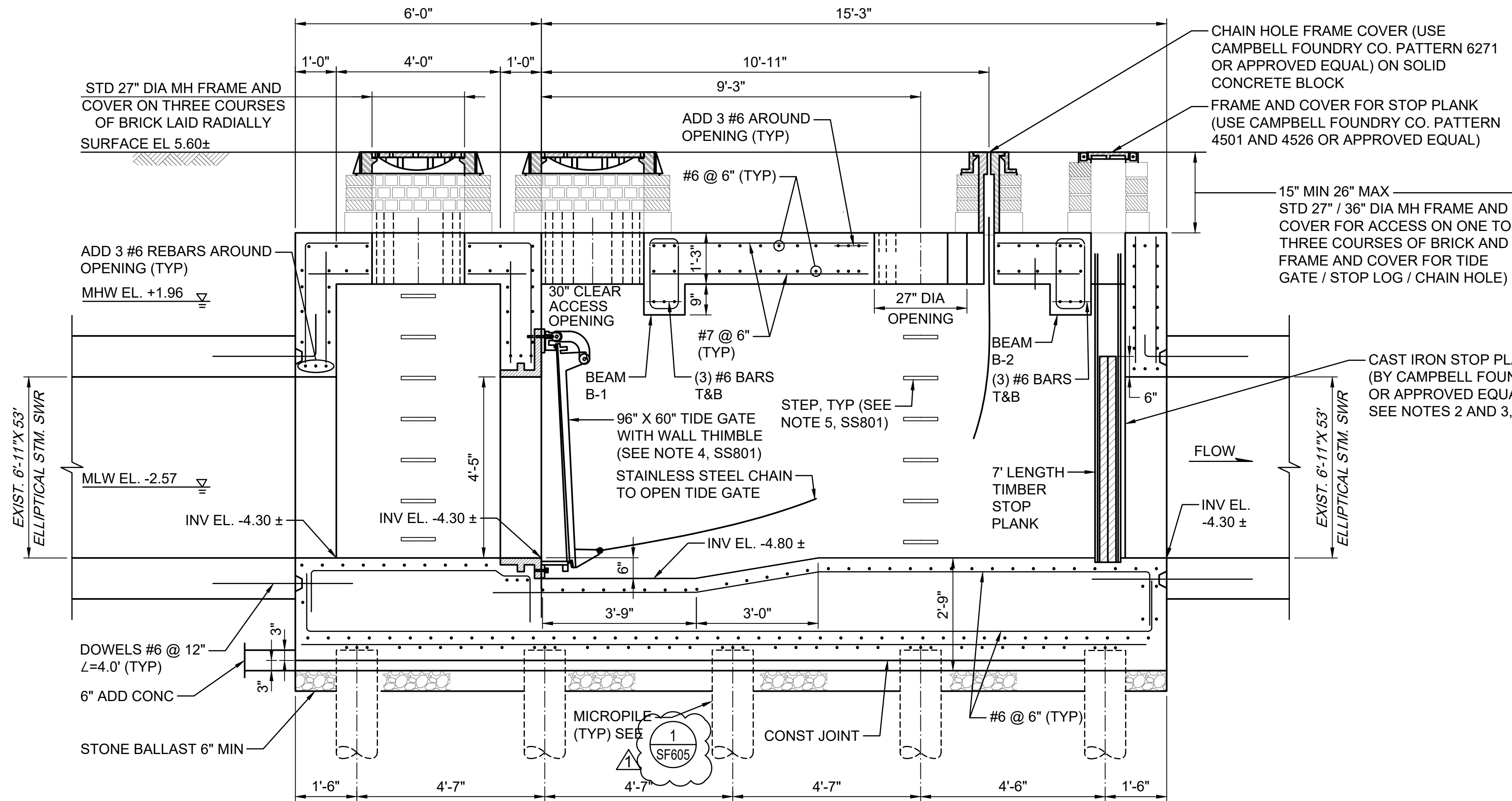
SHEET TITLE

SECURITY BOLLARD  
DETAILS

SHEET NUMBER

SS604

ANSI D 22" x 34"



**AECOM**

**PROJECT**  
SOUTH BATTERY PARK CITY  
RESILIENCY DESIGN SERVICES  
20 Battery Place  
New York, NY 10280

**CLIENT**  
HUGH L. CAREY BATTERY  
PARK CITY AUTHORITY  
200 Liberty St, 24th Floor, New York, NY 10281  
212.417.4304

**CONSULTANT**  
**AECOM**  
AECOM USA  
605 3rd Ave, 2nd Floor, New York, NY 10158  
212.973.2900 www.aecom.com

**SUB-CONSULTANT**  
MAGNUSON KLEMENCIC ASSOCIATES  
1301 Fifth Avenue, Suite 3200, Seattle, WA 98101-2699  
206.292.1200 tel 206.292.1201 fax www.mka.com

**SITWORKS**  
150 West 28th St, Suite 605, New York, NY 10001  
212.255.6350 siteworkscm.com

**MILHOUSE**  
333 South Wabash Ave, Suite 2901, Chicago, IL 60604  
313.987.0061 milhouseinc.com

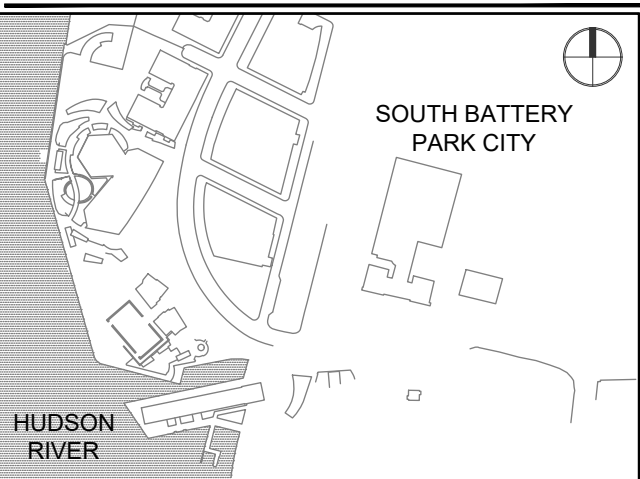
**TILLOTSON DESIGN ASSOCIATES**  
40 Worth St, Rm 703, New York, NY 10013  
212.675.7760 tilloftsondesign.com

**THOMAS PHIFER AND PARTNERS**  
180 Varick St., New York, NY 10014  
212.337.0334 thomasphifer.com

**NAIK CONSULTING GROUP, PC**  
111 West 33rd St., Suite 605 New York, NY 10120  
212.575.2701 naikgroup.com

**OWEIS**  
100 East Hanover Ave., Suite 101, Cedar Knolls, NJ 07927  
973.539.440 oweisengineering.com

**KEY PLAN**



**REGISTRATION**



**NYC SBS JOB NUMBER**

20220059

**ISSUE/REVISION**

1	2023-01-30	ADDENDUM REVISION 1
I	2022-11-02	BID SET
I/R	DATE	DESCRIPTION

**PROJECT/TERM CONTRACT NUMBER**

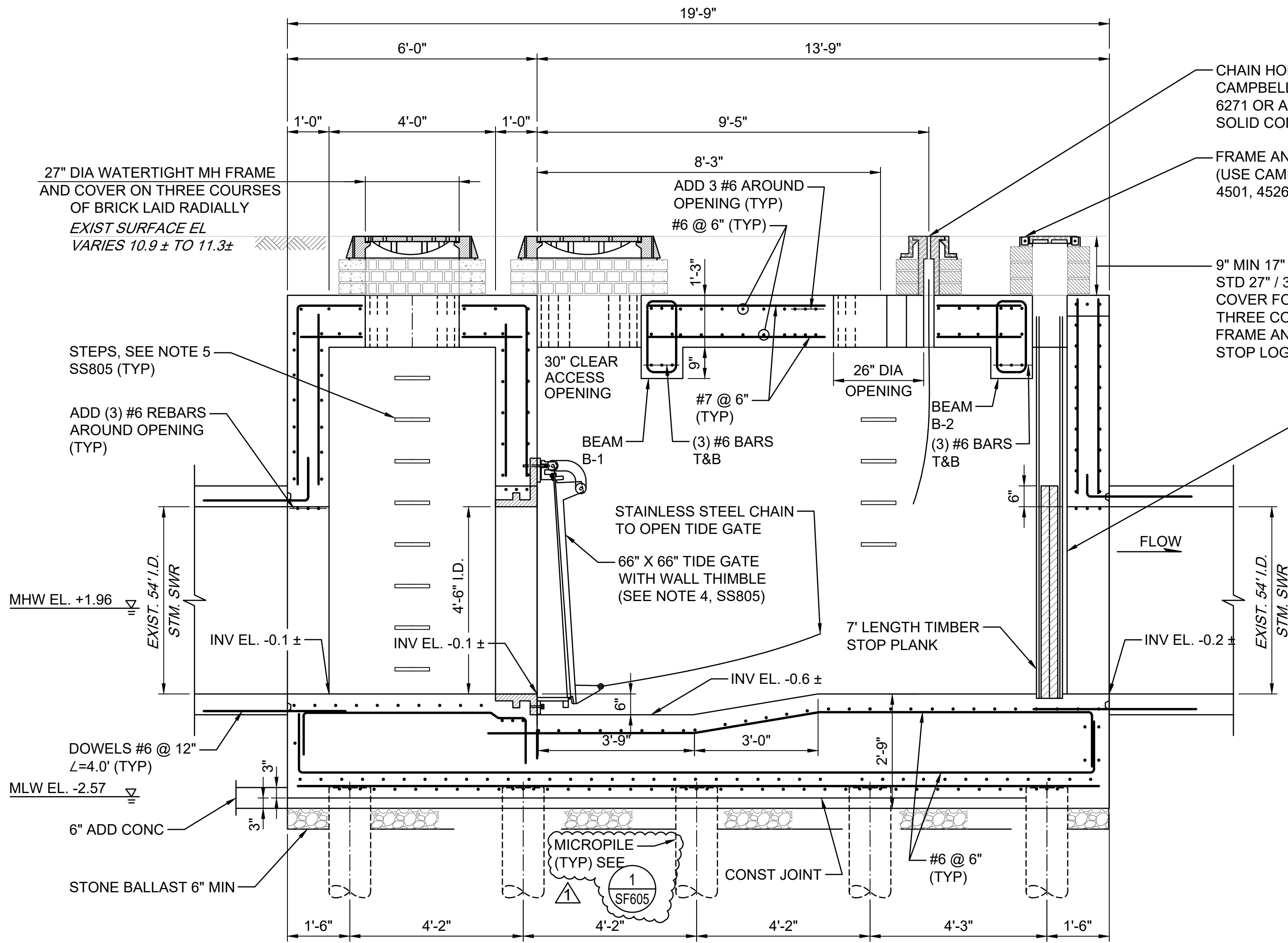
Contract No. 18-2586

**SHEET TITLE**

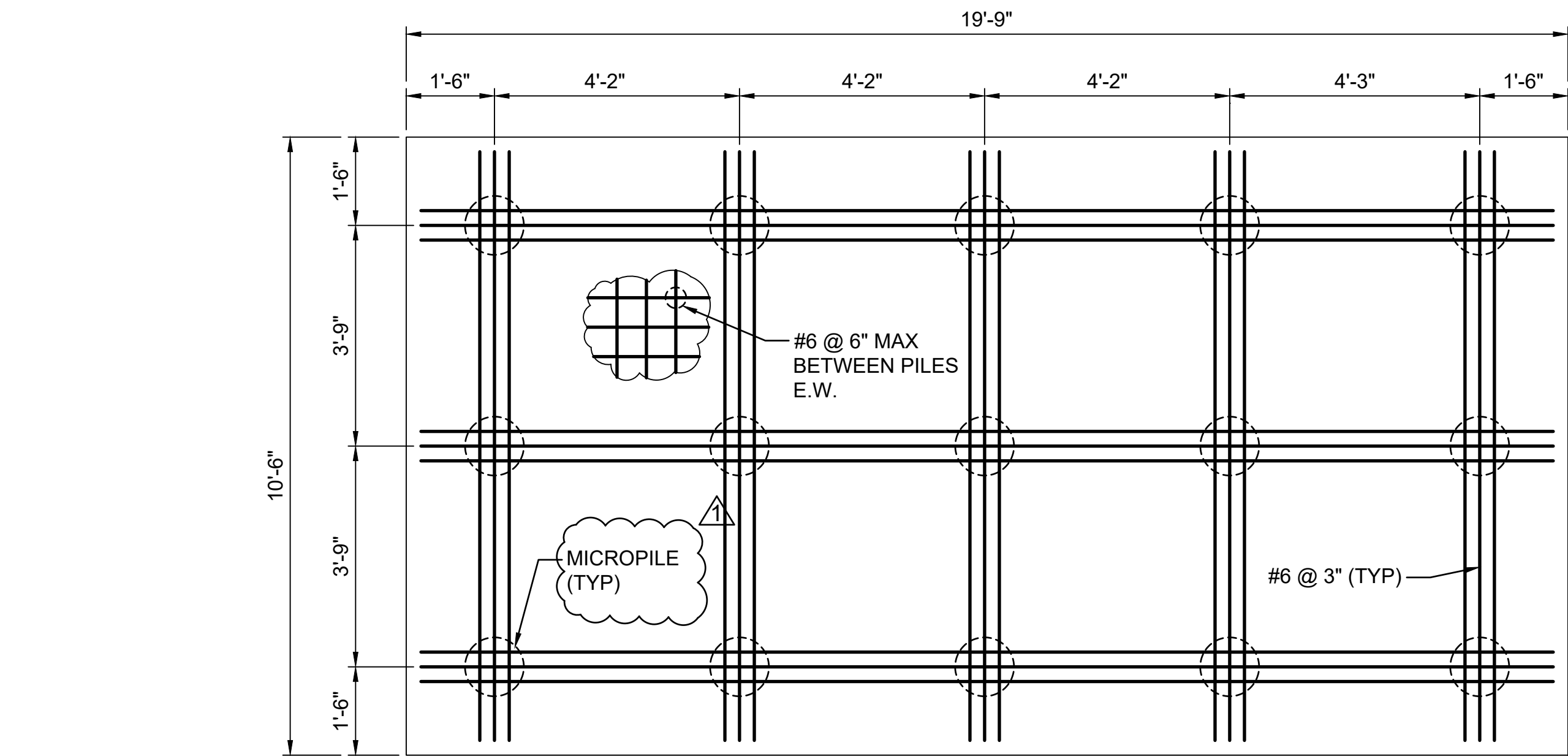
84-INCH TIDE GATE DETAILS  
(PIER A PLAZA) 2 OF 2

**SHEET NUMBER**

SS802



1 CHAMBER SECTION @ CL  
SCALE: 1/2" = 1'-0"



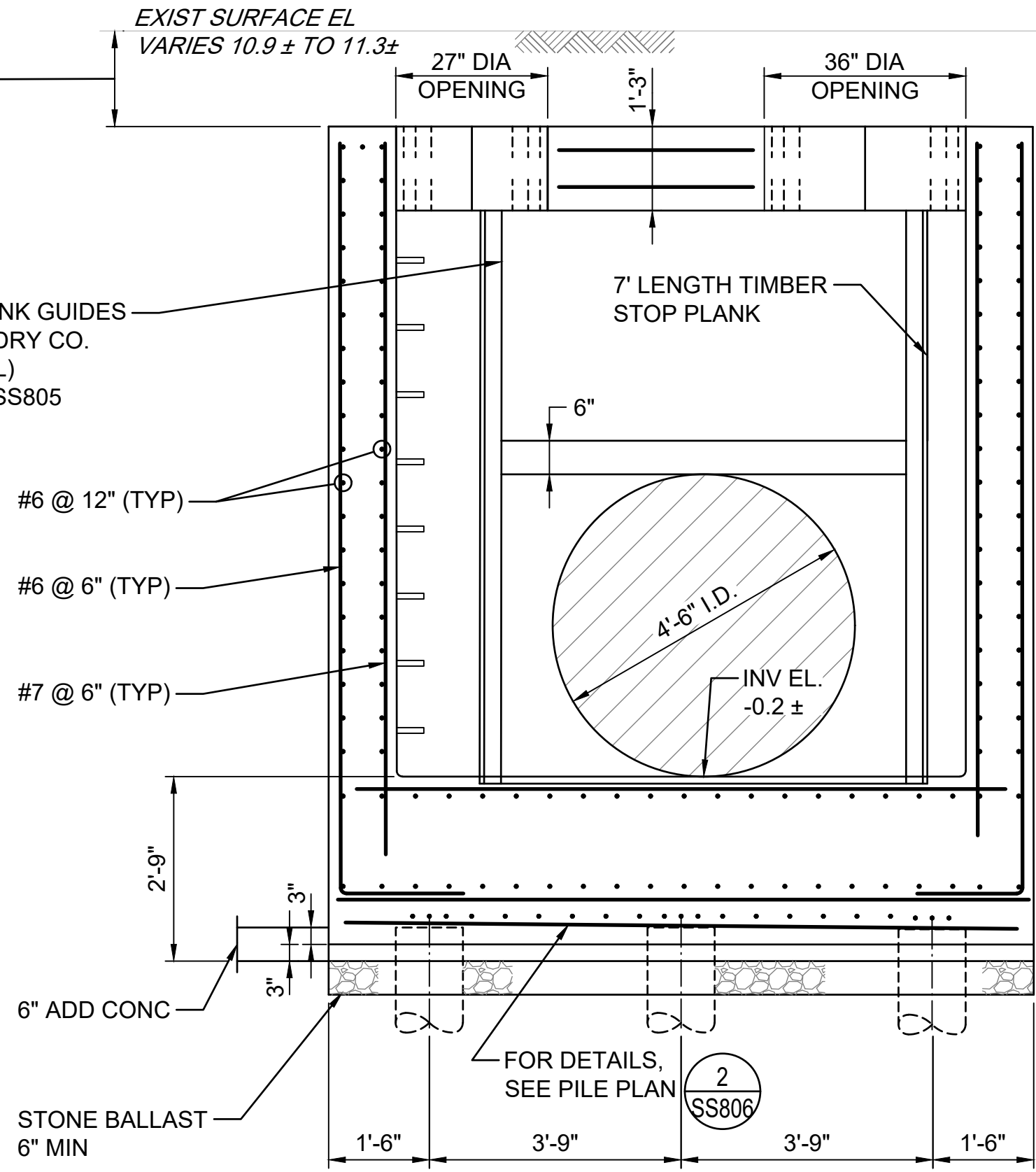
2 PILE PLAN  
SCALE: 1/2" = 1'-0"

CHAIN HOLE FRAME COVER (USE CAMPBELL FOUNDRY CO. PATTERN 6271 OR APPROVED EQUAL) ON SOLID CONCRETE BLOCK

FRAME AND COVER FOR STOP PLANK (USE CAMPBELL FOUNDRY CO. PATTERN 4501, 4526 OR APPROVED EQUAL)

9" MIN 17" MAX STD 27" / 36" DIA MH FRAME AND COVER FOR ACCESS ON ONE TO THREE COURSES OF BRICK AND FRAME AND COVER FOR TIDE GATE / STOP LOG / CHAIN HOLE)

CAST IRON STOP PLANK GUIDES (BY CAMPBELL FOUNDRY CO. OR APPROVED EQUAL) SEE NOTES 2 AND 3, SS805



3 CHAMBER SECTION @ TIDE GATE  
SCALE: 1/2" = 1'-0"

NOTES:

- THE CONTRACTOR IS TO SUBMIT FOR REVIEW AND APPROVAL SHOP DRAWINGS OF THE NEW TIDE GATE CHAMBER.

PROJECT  
SOUTH BATTERY PARK CITY  
RESILIENCY DESIGN SERVICES  
20 Battery Place  
New York, NY 10280

CLIENT  
HUGH L. CAREY BATTERY  
PARK CITY AUTHORITY  
200 Liberty St, 24th Floor, New York, NY 10281  
212.417.4304

CONSULTANT  
AECOM  
AECOM USA  
605 3rd Ave, 2nd Floor, New York, NY 10158  
212.973.2900 www.aecom.com

SUB-CONSULTANT  
MAGNUSON KLEMENIC ASSOCIATES  
1301 Fifth Avenue, Suite 3200, Seattle, WA 98101-2699  
206.292.1200 tel 206.292.1201 fax www.mka.com

SITWORKS  
150 West 28th St, Suite 605, New York, NY 10001  
212.255.6350 siteworkscm.com

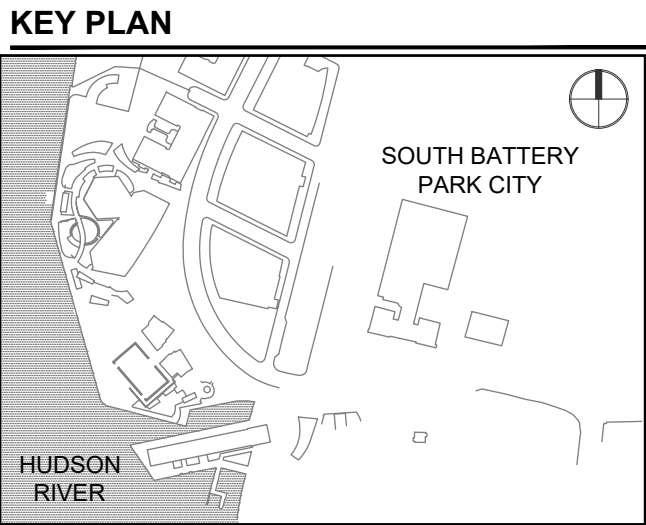
MILHOUSE  
333 South Wabash Ave, Suite 2901, Chicago, IL 60604  
313.987.0061 milhouseinc.com

TILLOTSON DESIGN ASSOCIATES  
40 Worth St, Rm 703, New York, NY 10013  
212.675.7760 tilloftsondesign.com

THOMAS PHIFER AND PARTNERS  
180 Varick St., New York, NY 10014  
212.337.0334 thomasphifer.com

NAIK CONSULTING GROUP, PC  
111 West 33rd St., Suite 605 New York, NY 10120  
212.575.2701 naikgroup.com

OWEIS  
100 East Hanover Ave., Suite 101, Cedar Knolls, NJ 07927  
973.539.440 oweisengineering.com



REGISTRATION



NYC SBS JOB NUMBER

20220059

ISSUE/REVISION

1	2023-01-30	ADDENDUM REVISION 1
I	2022-11-02	BID SET
I/R	DATE	DESCRIPTION

PROJECT/TERM CONTRACT NUMBER

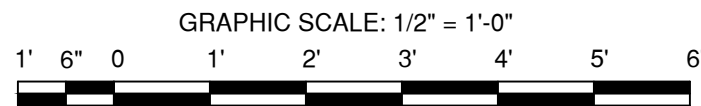
Contract No. 18-2586

SHEET TITLE

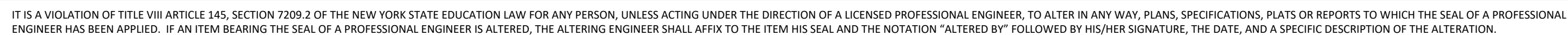
54-INCH TIDE GATE DETAILS  
(RECTOR PLACE) 2 OF 2

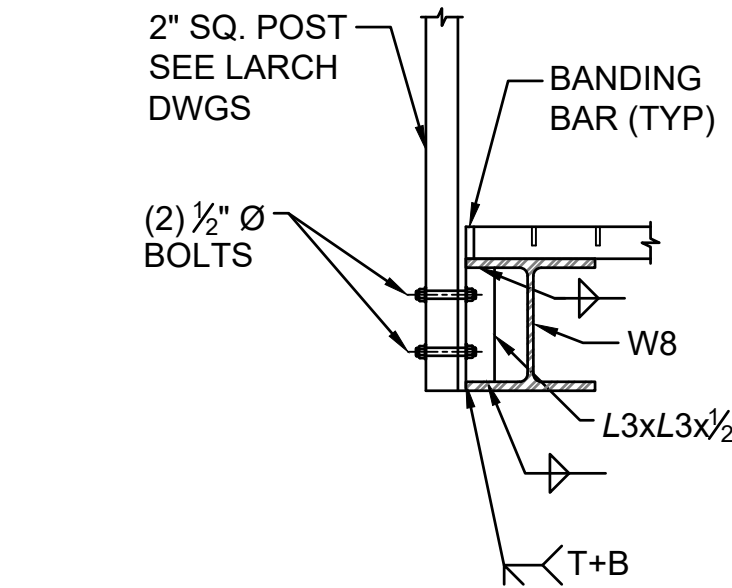
SHEET NUMBER

SS806

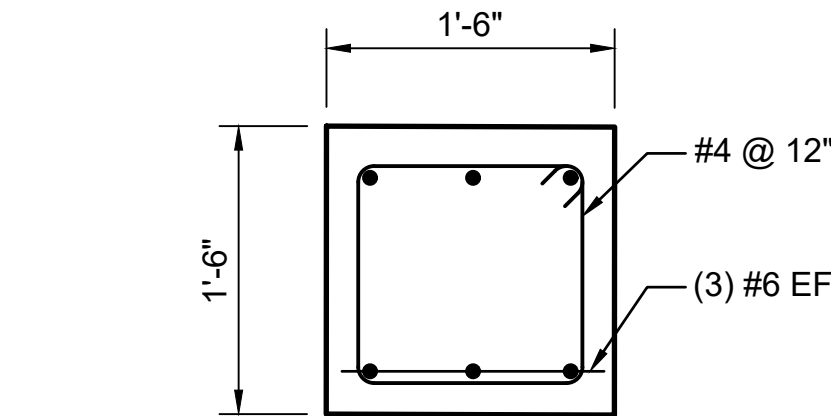




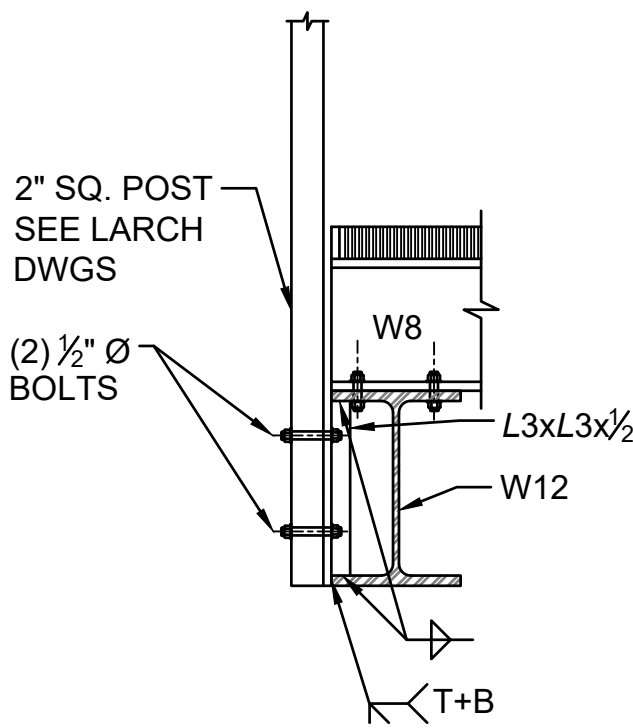




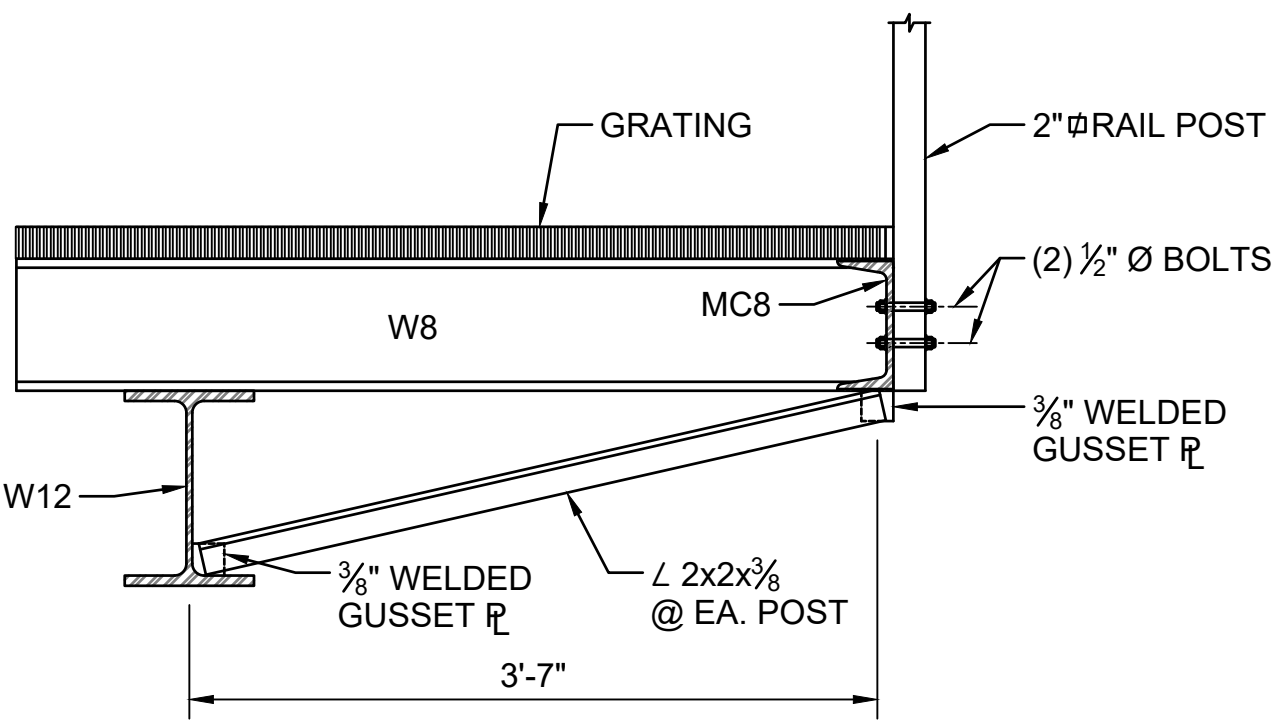
20 RAILING CONNECTION @ W8  
SCALE: 1" = 1'-0"



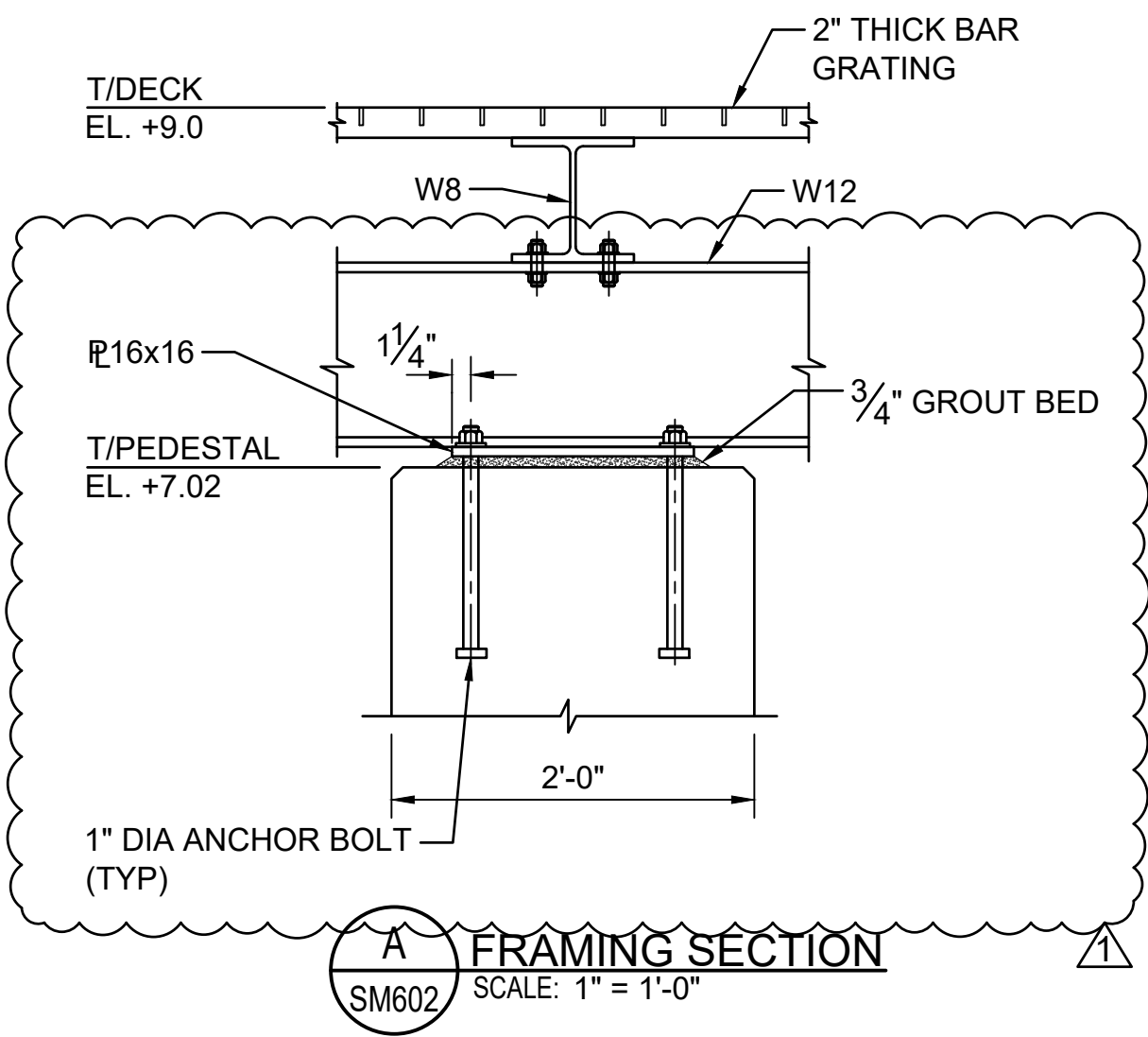
B CONCRETE STRUT DETAIL  
SCALE: 1" = 1'-0"



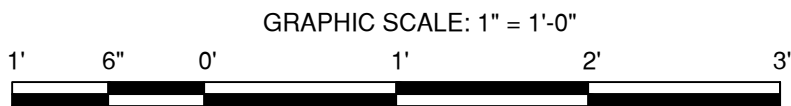
21 RAILING CONNECTION  
SCALE: 1" = 1'-0"



22 SECTION  
SCALE: 1" = 1'-0"



A FRAMING SECTION  
SCALE: 1" = 1'-0"



PROJECT  
SOUTH BATTERY PARK CITY  
RESILIENCY DESIGN SERVICES  
20 Battery Place  
New York, NY 10280

CLIENT  
HUGH L. CAREY BATTERY  
PARK CITY AUTHORITY  
200 Liberty St, 24th Floor, New York, NY 10281  
212.417.4304

CONSULTANT  
AECOM  
AECOM USA  
605 3rd Ave, 2nd Floor, New York, NY 10158  
212.973.2900 www.aecom.com

SUB-CONSULTANT  
MAGNUSON KLEMENCIC ASSOCIATES  
1301 Fifth Avenue, Suite 3200, Seattle, WA 98101-2699  
206.292.1200 tel 206.292.1201 fax www.mka.com

SITEWORKS  
150 West 28th St, Suite 605, New York, NY 10001  
212.255.6350 siteworks.com

MILHOUSE  
333 South Wabash Ave, Suite 2901, Chicago, IL 60604  
313.987.0061 milhouseinc.com

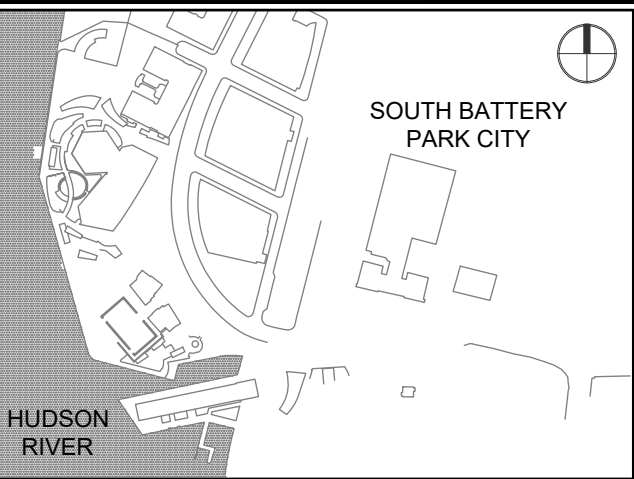
TILLOTSON DESIGN ASSOCIATES  
40 Worth St, Rm 703, New York, NY 10013  
212.675.7760 tillotsondesign.com

THOMAS PHIFER AND PARTNERS  
180 Varick St., New York, NY 10014  
212.337.0334 thomasphifer.com

NAIK CONSULTING GROUP, PC  
111 West 33rd St., Suite 605 New York, NY 10120  
212.375.2701 naikgroup.com

OWEIS  
100 East Hanover Ave., Suite 101, Cedar Knolls, NJ 07927  
973.539.440 oweisengineering.com

KEY PLAN



REGISTRATION



NYC SBS JOB NUMBER

20220059

ISSUE/REVISION

I/R	DATE	DESCRIPTION
1	2023-01-24	ADDENDUM REVISION 1
	2022-11-02	BID SET

PROJECT/TERM CONTRACT NUMBER

Contract No. 18-2586

SHEET TITLE

PIER A INLET PLATFORM  
FRAMING DETAILS

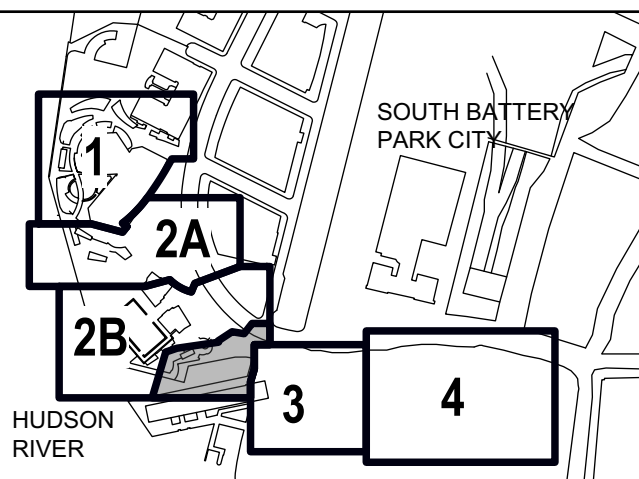
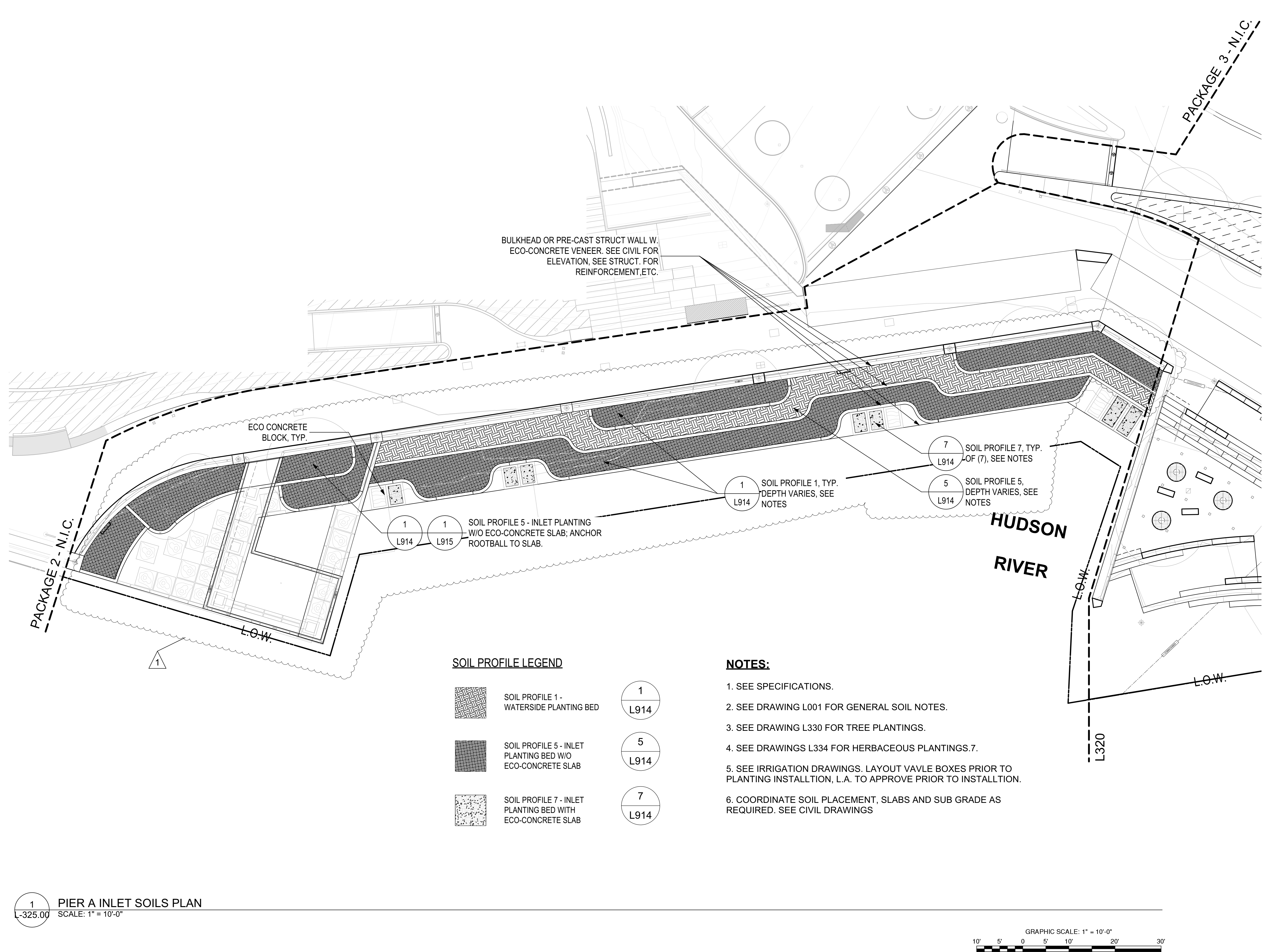
SHEET NUMBER

SM603

**ATTACHMENT #4**  
**REVISED LANDSCAPE DRAWINGS**  
*L325: Pier A Inlet Soil Plan*  
*L332: Pier A Inlet Planting - Shrubs*  
*L334: Pier A Inlet Planting - Herbaceous*  
*L339: Pier A Master Planting Schedule - 1*

(ATTACHED)





NO.	DATE	DESCRIPTION
1	2023-01-25	ADDENDUM REVISION 1
I	2022-11-11	BID SET
I/R	DATE	DESCRIPTION



SHRUB SCHEDULE FOR SHEET L332						
DECIDUOUS SHRUBS						
ID	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	NOTES
BAH	19	BACCHARIS HALIMIFOLIA	GROUNDSEL BUSH	2'-4' HT.	2 GAL.	
CP	8	COMPTONIA PEREGRINA	SWEET FERN	2'-2.5' HT. / SPR.	#2B	
IVA	29	IVA FRUTESCENS	MARSH ELDER	2'-10' HT.		

NOTES:

1. PLANT TREES AND SHRUBS PRIOR TO PLANTING HERBACEOUS PLANTS. PLANT BULBS AFTER COMPLETION. PLANT BULBS AFTER COMPLETION. PLANT IN APPROPRIATE SEASONAL PLANTING WINDOW.
2. STAKE OUT AND LABEL TREE AND SHRUB LOCATIONS FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO THE START OF PLANTING. ALL SHRUB ROOT BALLS TO BE PLACED PER SETBACK FROM FLOOD ALIGNMENT ACCORDING TO MATURE HEIGHT.
3. ADJUST AS DIRECTED BY THE LANDSCAPE ARCHITECT.
4. SEE DRAWING L330 FOR TREE PLANTINGS.
5. SEE DRAWINGS L334 FOR HERBACEOUS PLANTINGS.
6. SEE DRAWINGS L339 AND L339A FOR THE PIER A MASTER PLANT SCHEDULE.
7. SEE DRAWING L001 FOR GENERAL PLANTING NOTES.
8. SEE IRRIGATION DRAWINGS. LAYOUT VAVLE BOXES PRIOR TO PLANTING INSTALLTION, L.A. TO APPROVE PRIOR TO INSTALLTION.

PLANTING LEGEND

- 15' OFFSET FLOOD ALIGNMENT
- LOW (LIMIT OF WORK)
- MATCH LINE
- CONTOURS
- TREE IN PLANTING BED. SEE SOILS PLANS FOR REFERENCE.
- MULTISTEM TREE IN PLANTING BED
- CONIFEROUS TREE IN PLANTING BED. SEE SOILS PLANS FOR REFERENCE.
- SHRUB PLANTING. SEE SOILS PLANS FOR REFERENCE.
- IRRIGATION VAULT

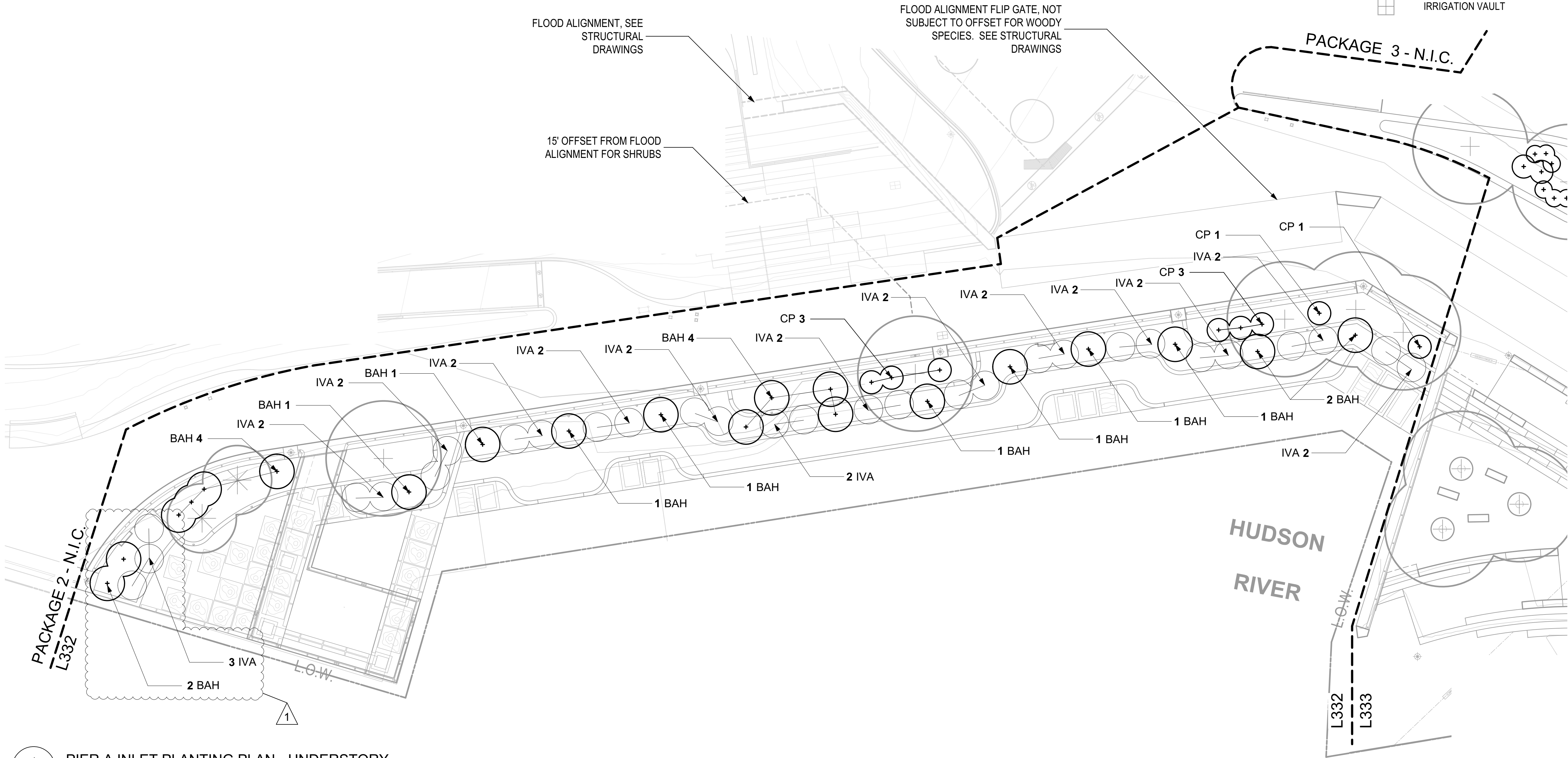
N

1,3,5  
L910

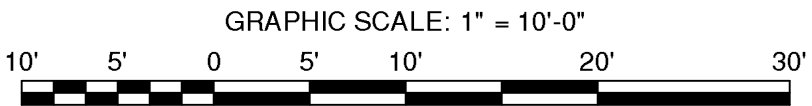
2  
L911

2  
L910

3,4  
L918



1  
L-332.00  
PIER A INLET PLANTING PLAN - UNDERSTORY  
SCALE: 1" = 10'-0"



PROJECT

SOUTH BATTERY PARK CITY  
RESILIENCY DESIGN  
SERVICES

CLIENT

HUGH L. CAREY  
BATTERY PARK CITY AUTHORITY

CONSULTANT

AECOM

AECOM USA  
605 3rd Ave, 2nd Floor, New York, NY 10158  
212.973.2900 tel www.aecom.com

SUB-CONSULTANT

MAGNUSON KLEMENCIC ASSOCIATES  
1301 Fifth Avenue, Suite 3200, Seattle, WA 98101-2699  
206.292.1200 tel 206.292.1201 fax www.mka.com

SITE WORKS  
150 West 28th St., Suite 605  
New York, NY 10001 212.255.8350 siteworkscm.com

MILHOUSE  
333 South Wabash Ave., Suite 2901,  
Chicago, IL 60604 313.987.0061 milhouseinc.com

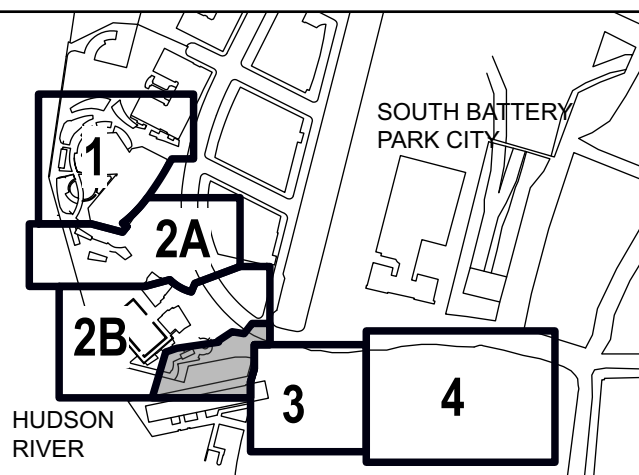
TILLOTSON DESIGN ASSOCIATES  
40 Worth St. Rm 705, New York, NY 10013  
212.675.7760 tilotsondesign.com

THOMAS PHIFER AND PARTNERS  
180 Varick St. New York, NY 10014  
212.337.0334 thomasphifer.com

NAIK CONSULTING GROUP, PC  
111 West 33rd St., Suite 605 New York, NY 10120  
212.576.2701 naikgroup.com

OWEIS  
100 East Hanover Ave., Suite 101, Cedar Knolls, NJ 07927  
973.539.440 oweisengineering.com

KEY PLAN



REGISTRATION



NYC SBS JOB NUMBER

20220059

ISSUE/REVISION

I/R	DATE	DESCRIPTION
1	2023-01-25	ADDENDUM REVISION 1
I	2022-11-11	BID SET

PROJECT/TERM CONTRACT NUMBER

Contract No. 18-2586

SHEET TITLE

PIER A INLET PLANTING  
PLAN - SHRUBS

SHEET NUMBER

L-332.00



HERBACEOUS SCHEDULE FOR SHEET L334						
PERENNIALS						
ID	Quantity	Botanical Name	Common Name	Spacing	Size	Notes
AMM	30	ACHILLEA MILLEFOLIUM 'MOONSHINE'	YARROW	1'0"	1 QT/#SP4	SOIL VOL. 53 MIN - 61 MAX CUBIC INCH; WELL ROOTED IN CONTAINER
AGB	32	ASCLEPIAS TUBEROSA 'GAY BUTTERFLIES	MILKWEED	1'0"	1 QT/#SP4	SOIL VOL. 53 MIN - 61 MAX CUBIC INCH; WELL ROOTED IN CONTAINER
GRASS MATRIX A1/A2 - INLET ECOLOGICAL PLANTING MIX						
ID	Quantity	Botanical Name	Common Name	Spacing	Size	Notes
SHT	48	SPOROBOLUS HETEROLEPSIS 'TARA'	PRAIRIE DROPSEED	2'0"	1 QT/#SP4	SOIL VOL. 53 MIN - 61 MAX CUBIC INCH; WELL ROOTED IN CONTAINER
PAN	48	PANICUM VIRGATUM 'CAPE BREEZE'	SWITCH GRASS	1'6"	1 QT/#SP4	SOIL VOL. 53 MIN - 61 MAX CUBIC INCH; WELL ROOTED IN CONTAINER
GRASS MATRIX B1 - INLET ECOLOGICAL PLANTING MIX						
ID	Quantity	Botanical Name	Common Name	Spacing	Size	Notes
DSS	90	DISTICHLIS SPICATA	DESERT SALTGRASS	1'0"	1 QT/#SP4	SOIL VOL. 53 MIN - 61 MAX CU. IN.; WELL ROOTED IN CONTAINER
GRASS MATRIX B2 - INLET ECOLOGICAL PLANTING MIX						
ID	Quantity	Botanical Name	Common Name	Spacing	Size	Notes
SPP	371	SPARTINA PATENS	SALTMEADOW CORDGRASS	1'6"	1 QT/#SP4	SOIL VOL. 53 MIN - 61 MAX CU. IN.; WELL ROOTED IN CONTAINER

NOTES:

1. PLANT PERENNIALS AND GROUNDCOVERS AFTER THE COMPLETION OF TREE AND SHRUB PLANTING. PLANT BULBS AFTER COMPLETION.
2. COORDINATE HOLES DRILLED INTO ECO-CONCRETE FOR PLANTING ECOLOGICAL PLANTING. INSTALL WIRE BIRD PROTECTION UPON COMPLETION.
3. ADJUST AS DIRECTED BY THE LANDSCAPE ARCHITECT.
4. PLANT GROUNDCOVER MATRIX MIX IN RANDOMIZED PATTERNS IN PLANTING BEDS AS DIRECTED BY THE LANDSCAPE ARCHITECT.
5. SEE DRAWINGS L330 FOR TREE PLANTINGS.
6. SEE DRAWINGS L332 FOR SHRUB PLANTINGS.
7. SEE DRAWINGS L339 AND L339A FOR THE PIER A MASTER PLANT SCHEDULE.
8. SEE PLANT SCHEDULE FOR SPACING.
9. QUANTITIES AND AREAS FOR PLANTING CLUSTERS SHOWN HERE FOR BIDDING PURPOSES. LAYOUT BY PLANT IS AVAILABLE UPON AWARD OF CONTRACT. LANDSCPAE ARCHITECT TO APPROVE PRIOR TO PLANTING.
10. SEE DRAWING L001 FOR GENERAL PLANTING NOTES.
11. LANDSCPAE ARCHITECT TO APPROVE PRIOR TO PLANTING.
12. SEE IRRIGATION DRAWINGS. LAYOUT VAVLE BOXES PRIOR TO PLANTING INSTALLTION, L.A. TO APPROVE PRIOR TO INSTALLTION.

PLANTING LEGEND

15' OFFSET FLOOD ALIGNMENT

LOW (LIMIT OF WORK)

MATCH LINE

CONTOURS

TREE IN PLANTING BED.  
SEE SOILS PLANS FOR  
REFERENCE.

MULTISTEM TREE IN  
PLANTING BED

TREE PLANTING IN  
PAVEMENT

CONIFEROUS TREE IN PLANTING  
BED. SEE SOILS PLANS FOR  
REFERENCE.

1,3,5

L910

2

L911

3

L911

2

L910

GRASS MATRIX  
A1/A2 PLANTING

HERBACEOUS PLANTING /  
PERENNIAL PLANTING

ECOLOGICAL PLANTING

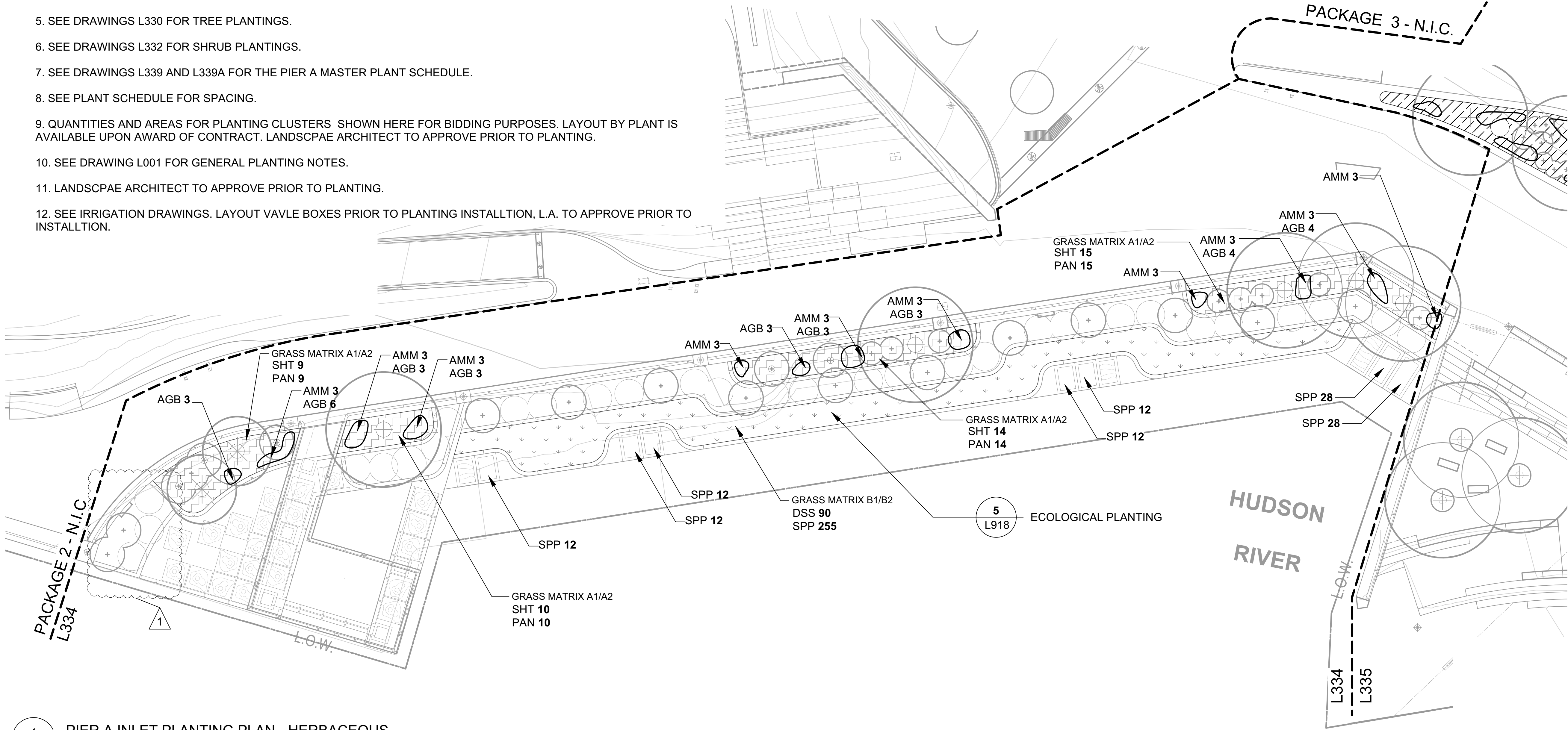
IRRIGATION VAULT

1

L918

5

L918





PIER A PLANTING SCHEDULE						
DECIDUOUS TREES						
ID	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	NOTES
AGF	2	ACER GINNALA 'FLAME'	AMUR MAPLE	8'-10' HT.	B&B	MULTISTEM SPECIMEN, MIN. 3 TRUNKS
CO	5	CELTIS OCCIDENTALIS	HACKBERRY	2 1/2" -3" CAL.	B&B	
CC	1	CERCIS CANADENSIS	EASTERN REDBUD	8'-10' HT.	B&B	MULTISTEM SPECIMEN, MIN. 3 TRUNKS
CR	1	CORNUS X RUTGAM	STELLAR PINK HYBRID DOGWOOD	10'-12' HT.	B&B	UPRIGHT MULTISTEM SPECIMEN, MIN. 3 TRUNKS
GTS	10	GLEDITSIA TRIACANTHOS INERMIS 'DRAVES'	STREET KEEPER HONEY LOCUST	2 1/2"-3" CAL.	B&B	LIMB TO 5' FROM FINISH GRADE
GTI	5	GLEDITSIA TRIACANTHOS INERMIS 'SKYCOLE'	SKYLINE HONEY LOCUST	3"-3 1/2" CAL.	B&B	LIMB TO 7' FROM FINISH GRADE
GD	3	GYMNOCLADUS DIOICUS 'ESPRESSO'	KENTUCKY COFFEE TREE	3"-3-1/2" CAL.	B&B	LIMB TO 7' FROM FINISH GRADE
UF	4	ULMUS X FRONTIER	ELM	3"-3 1/2" CAL.	B&B	LIMB TO 6' FROM FINISH GRADE
CONIFEROUS TREES						
ID	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	NOTES
PR	2	PINUS RIGIDA	PITCH PINE	10'-12' HT.	B&B	
DECIDUOUS SHRUBS						
ID	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	NOTES
AMG	34	ARONIA MELANOCARPA 'GROUND HOG'	BLACK CHOKEBERRY	12"-15" HT. / SPR.	#3	
BAH	19	BACCHARIS HALIMIFOLIA	GROUNDSEL BUSH	2'-4' HT.	2 GAL.	
CP	8	COMPTONIA PEREGRINA	SWEET FERN	2'-2.5' HT. / SPR.	#2B	
CS	2	CORNUS SANGUINEA 'MIDWINTER FIRE'	BLOODTWIG DOGWOOD	5'-6' HT.	B&B	
CSA	16	CORNUS SERICEA ARCTIC FIRE 'RED'	RED TWIG DOGWOOD	18"-24" HT.	#7	
FG	3	FOTHERGILLA GARDENII 'MT. AIRY'	MT. AIRY FOTHERGILLA	30"-36" HT. / SPR.	#7 CONT.	
HQP	6	HYDRANGEA QUERCIFOLIA 'PEE WEE'	PEE WEE OAKLEAF HYDRANGEA	24" HT.	B&B	
IVJ	1	ILEX VERTICILATA 'JIM DANDY'	WINTERBERRY	18"-24" HT.	3 GAL.	
IVA	29	IVA FRUTESCENS	MARSH ELDER	2'-10' HT.	2 GAL.	
IVF	4	ILEX VERTICILATA 'WINTER RED'	WINTER RED WINTERBERRY	5'-6' HT.	B&B	
RA	1	RHUS AROMATICA 'GRO-LO'	GRO-LOW SUMAC	18"-24" WIDE	#3 CONT.	
EVERGREEN SHRUBS						
ID	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	NOTES
IG	6	ILEX GLABRA 'COMPACTA'	COMPACT INKBERRY	30"-36"	#7 CONT.	
PERENNIALS						
ID	QUANTITY	BOTANICAL NAME	COMMON NAME	SPACING	SIZE	NOTES
ACT	27	ASTILBE CHINENSIS VAR. TAQUETII 'PURPURLANZ'	PURPLE LANCE ASTILBE	1'0"	#1 CONT.	WELL ROOTED IN CONTAINER
ADI	56	ASTER DIVARICATUS 'EASTERN STAR'	WHITE WOOD ASTER	1'0"	1 QT/#SP4	SOIL VOL. 53 MIN - 61 MAX CU. IN.; WELL ROOTED IN CONTAINER
AMM	30	ACHILLEA MILLEFOLIUM 'MOONSHINE'	YARROW	1'0"	1 QT/#SP4	SOIL VOL. 53 MIN - 61 MAX CUBIC INCH; WELL ROOTED IN CONTAINER
AGB	32	ASCLEPIAS TUBEROSA 'GAY BUTTERFLIES	MILKWEED	1'0"	1 QT/#SP4	SOIL VOL. 53 MIN - 61 MAX CUBIC INCH; WELL ROOTED IN CONTAINER
AHU	60	AMSONIA HUBRICHTII	ARKANSAS BLUE STAR	1'6"	1 QT/#SP4	SOIL VOL. 53 MIN - 61 MAX CU. IN.; WELL ROOTED IN CONTAINER
ATJ	20	ASTER TARTARICA 'JINDAI'	JINDAI TARTARIAN ASTER	1'0"	1 QT/#SP4	SOIL VOL. 53 MIN - 61 MAX CU. IN.; WELL ROOTED IN CONTAINER
EDL	30	EUPATORIUM DUBIUM 'LITTLE JOE'	LITTLE JOE PYE WEED	1'0"	1 QT/#SP4	SOIL VOL. 53 MIN - 61 MAX CU. IN.; WELL ROOTED IN CONTAINER
GTB	20	GENTIANA 'TRUE BLUE'	BOTTLED GENTIAN	1'0"	1 QT/#SP4	SOIL VOL. 53 MIN - 61 MAX CU. IN.; WELL ROOTED IN CONTAINER
HAD	27	HEUCHARA AMERICANA 'DALE'S STRAIN'	AMERICAN CORAL BELLS	1'0"	1 QT/#SP4	SOIL VOL. 53 MIN - 61 MAX CU. IN.; WELL ROOTED IN CONTAINER
HLO	47	HEUCHARA LONGIFLORA	LONGFLOWER ALUMROOT	1'0"	1 QT/#SP4	SOIL VOL. 53 MIN - 61 MAX CU. IN.; WELL ROOTED IN CONTAINER
HPI	6	HELLEBORUS 'PARIS IN PINK'	LENTEN ROSE	1'0"	1 QT/#SP4	SOIL VOL. 53 MIN - 61 MAX CU. IN.; WELL ROOTED IN CONTAINER
HVA	27	HEUCHERA VILLOSA 'AUTUMN BRIDE'	AUTUMN BRIDE ALUMROOT	1'0"	#1 CONT	WELL ROOTED IN CONTAINER
MCO	27	MEEHANIA CORDATA	CREEPING MINT	1'0"	1 QT/#SP4	SOIL VOL. 53 MIN - 61 MAX CU. IN.; WELL ROOTED IN CONTAINER
NSS	38	NEPETA SIBERICA 'SOUVENIR D'ANDRE'	SOUVENIR D'ANDRE CATMINT	1'0"	1 QT/#SP4	SOIL VOL. 53 MIN - 61 MAX CU. IN.; WELL ROOTED IN CONTAINER
PAM	42	PHLOX AMPIFOLIA 'GOLIATH'	GOLIATH PHLOX	1'0"	1 QT/#SP4	SOIL VOL. 53 MIN - 61 MAX CU. IN.; WELL ROOTED IN CONTAINER
PAP	29	PACHYSANDRA PROCUMBENS	ALLEGHENY SPURGE	8"	1 QT/#SP4	SOIL VOL. 53 MIN - 61 MAX CU. IN.; WELL ROOTED IN CONTAINER
SAN	24	SANGUISORBA TANNA	GREATER BURNET	1'0"	1 QT/#SP4	SOIL VOL. 53 MIN - 61 MAX CU. IN.; WELL ROOTED IN CONTAINER
SAU	47	SESLERIA AUTUMNALIS	AUTUMN MOOR GRASS	1'3"	1 QT/#SP4	SOIL VOL. 53 MIN - 61 MAX CU. IN.; WELL ROOTED IN CONTAINER
SLB	24	SYMPHYOTRICHUM LAEVE 'BLUEBIRD'	SMOOTH ASTER	1'0"	1 QT/#SP4	SOIL VOL. 53 MIN - 61 MAX CU. IN.; WELL ROOTED IN CONTAINER
SOH	22	STACHYS OFFICINALIS 'HUMMELO'	HUMMELO COMMON BETONY	1'0"	#1 CONT.	WELL ROOTED IN CONTAINER
SSI	53	SPODIOPOGON SIBIRICUS	FROST GRASS	1'0"	1 QT/#SP4	SOIL VOL. 53 MIN - 61 MAX CU. IN.; WELL ROOTED IN CONTAINER

NOTES:

1. CONTRACTOR TO CONFIRM PLANTS ARE AVAILABLE AT TIME OF PLANTING IN QUANTITIES REQUIRED, PROVIDE NECESSARY REVIEW MATERIAL AS REQUIRED BY THE SPECS FOR ALL PLANT MATERIAL LISTED.
2. SEE PLANTING PLANS FOR LAYOUT BY AREAS OR PLANTING BED. COORDINATE WITH LANDSCAPE ARHCITECT PRIOR TO INSTALL.



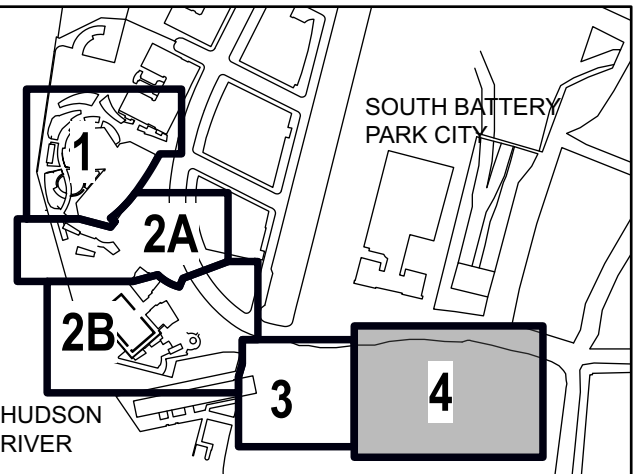
PROJECT  
SOUTH BATTERY PARK CITY  
RESILIENCY DESIGN  
SERVICES

CLIENT  
HUGH L. CAREY  
BATTERY PARK CITY AUTHORITY

CONSULTANT  
**AECOM**  
AECOM USA  
605 3rd Ave, 2nd Floor, New York, NY 10158  
212.973.2900 tel www.aecom.com  
SUB-CONSULTANT  
MAGNUSSON KLEMENCIC ASSOCIATES  
1301 Fifth Avenue, Suite 3200, Seattle, WA 98101-2699  
206.292.1200 tel 206.292.1201 fax www.mka.com

SITE WORKS  
150 West 28th St., Suite 605  
New York, NY 10001 212.255.8350 siteworkscm.com  
MILHOUSE  
333 South Wabash Ave, Suite 2901,  
Chicago, IL 60604 313.987.0061 milhouseinc.com  
TILLOTSON DESIGN ASSOCIATES  
40 Worth St, Rm 705, New York, NY 10013  
212.675.7760 tilotsondesign.com  
THOMAS PHIFER AND PARTNERS  
180 Varick St., New York, NY 10014  
212.337.0334 thomaspifer.com  
NAIK CONSULTING GROUP, PC  
111 West 33rd St., Suite 605 New York, NY 10120  
212.576.2701 naigroup.com  
OWEIS  
100 East Hanover Ave., Suite 101, Cedar Knolls, NJ 07927  
973.539.440 oweisengineering.com

KEY PLAN



REGISTRATION



NYC SBS JOB NUMBER

20220059

ISSUE/REVISION

1	2023-01-25	ADDENDUM REVISION 1
I	2022-11-11	BID SET
I/R	DATE	DESCRIPTION

PROJECT/TERM CONTRACT NUMBER

Contract No. 18-2586

SHEET TITLE

PIER A MASTER PLANTING  
SCHEDULE - 1

SHEET NUMBER

L-339.00



**ATTACHMENT #5**  
**REVISED CIVIL DRAWING**  
*C002: General Notes and Notes*

*(ATTACHED)*





**ATTACHMENT #6**  
**NEW SPECIFICATION #321000**  
**ROADWAY RESURFACING AND RESTORATION (NYCDOT)**

*(ATTACHED)*

## SECTION 321000 – ROADWAY RESURFACING AND RESTORATION (NYCDOT)

### PART 1 - GENERAL

#### 1.01 SECTION INCLUDES

- A. The Contractor shall perform roadway excavation, restoration, grinding and resurfacing of pavement, and all other work affecting City roadway pavements and curbing as shown on the Contract Drawings and as specified in this Section.
- B. All Work under this Section shall be performed in accordance with the applicable standards of the New York City Department of Transportation (NYCDOT).
  - 1. NYCDOT Standard Details of Construction: Pertinent NYCDOT Standard Details of Construction are included in the Contract Drawings; however, the Contractor shall comply with the current version of NYCDOT standards irrespective of whether such standards are included in the Contract Drawings. The Contractor shall obtain a current set of NYCDOT Standard Details of Construction, and coordinate with NYCDOT as may be needed to ensure compliance with such standards.
  - 2. NYCDOT Standard Highway Specifications:
    - a. The Contractor shall comply with the various NYCDOT Standard Highway Specifications that are indicated on the Contract Drawings, and any and all applicable NYCDOT Standard Highway Specifications irrespective as to whether such standards are specifically indicated in the Contract Drawings. The applicable specification sections include, but are not necessarily limited to, the following:

Section	Description
4.02	Asphaltic Conc. Wearing Course
4.04	Concrete Base for Pavement
4.07	Curb, Bluestone and Granite
4.11	Excavation and Filling
6.02	Unclassified Excavation
6.44	White and Yellow Thermoplastic Reflectorized Pavement Markings
6.55	Sawcutting Existing Pavement
6.58	Tack Coat
6.75	Grinding Existing Asphaltic Concrete Wearing Course
6.91	Reflective Cracking Membrane (18" Wide)
    - b. NYCDOT Standard Highway Specifications are modified as follows:
      - 1) References therein to "NYCDDC Infrastructure-Engineering Support", "Resident Engineer", and "Project Manager" shall instead mean "Construction Manager".
      - 2) References to measurement of work and materials for payment are deleted.



1.02 REFERENCE STANDARDS

- A. New York City Department of Transportation Standard Highway Specifications
- B. New York City Department of Transportation Standard Details of Construction

1.03 SUBMITTALS

- A. Submit for approval product data indicating compliance with Contract Documents for the following:
  - 1. Asphaltic Concrete Wearing Course
  - 2. Concrete Base for Pavement
  - 3. Reflective Cracking Membrane

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Materials shall be in accordance with applicable NYCDOT Standard Highway Specifications.

PART 3 - EXECUTION

3.01 EXECUTION

- A. Execute the Work of this Section in accordance with the applicable NYCDOT Standard Highway Specifications.

END OF SECTION 321000