

BATTERY PARK CITY AUTHORITY PHASE 3 PILE REMEDIATION

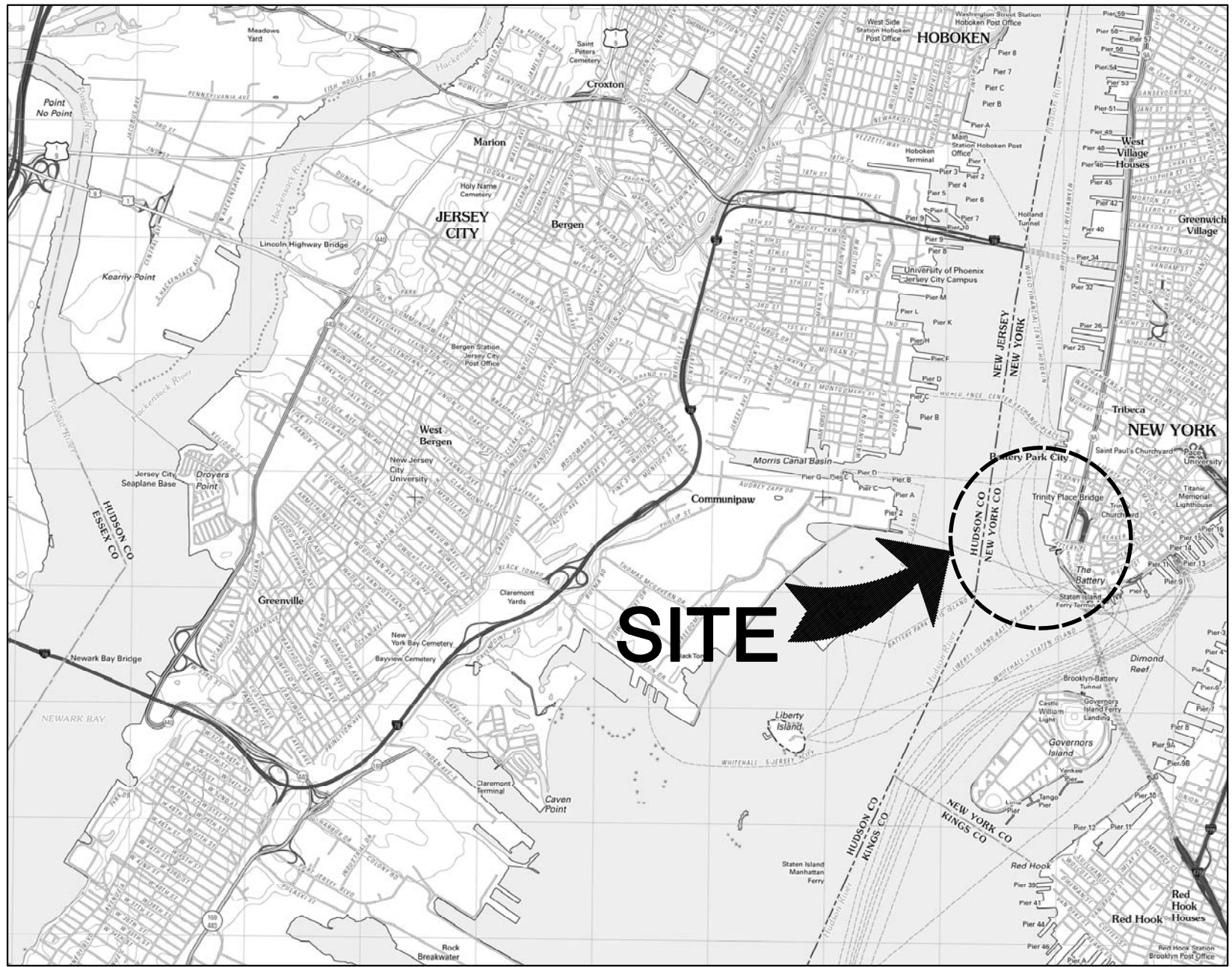
LOCATION 1
BATTERY PARK CITY ESPLANADE
NEW YORK, NEW YORK
MARCH, 2014

PREPARED BY:

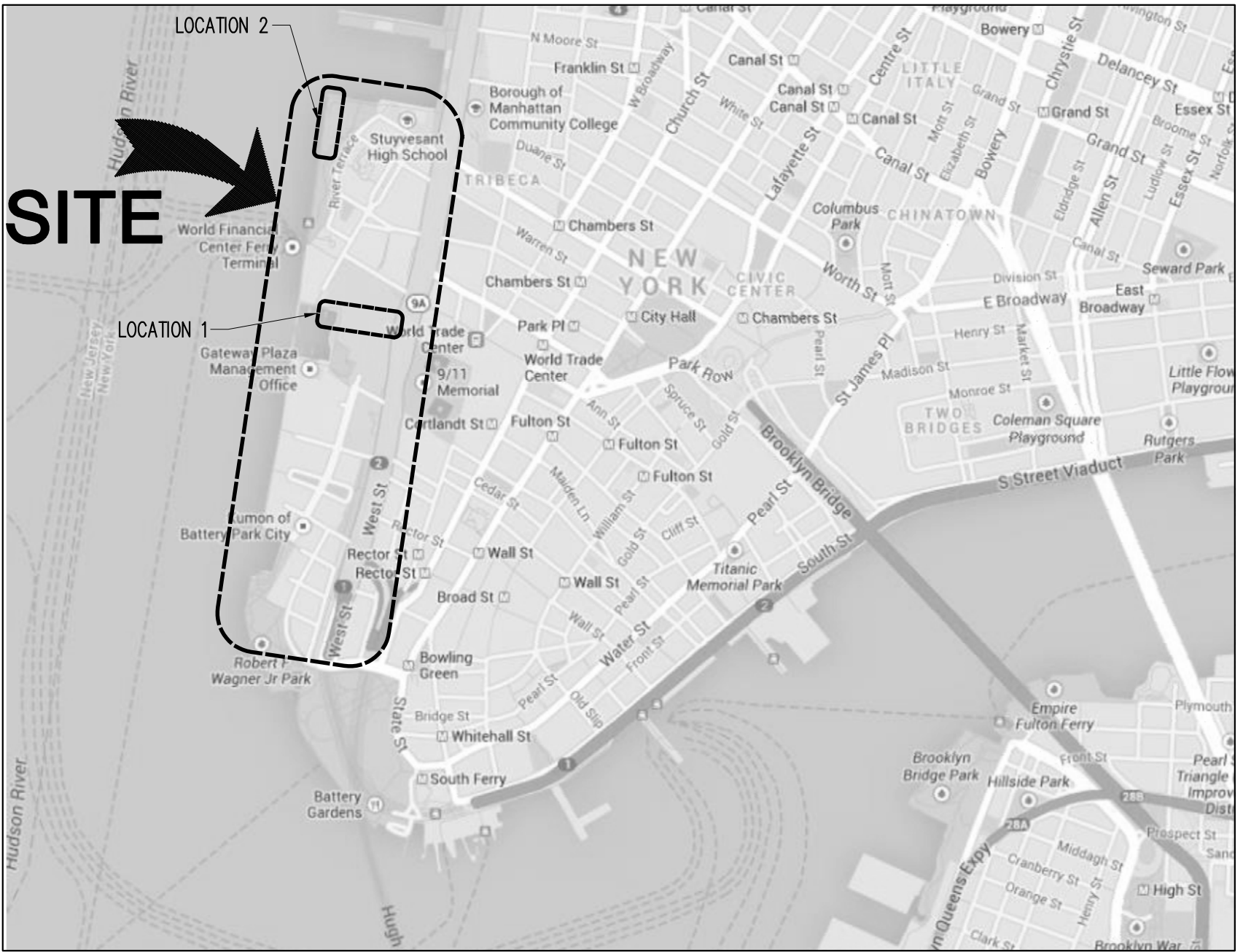


DRAWING LIST:

<u>DRAWING NO.</u>	<u>SHEET TITLE</u>
S-1.0	COVER SHEET
S-2.0	GENERAL NOTES
S-3.0	OVERALL SITE PLAN
S-3.1	FACILITY PLAN
S-3.2	REPAIR PLAN LOCATION 1 (1 OF 2)
S-3.3	REPAIR PLAN LOCATION 1 (2 OF 2)
S-4.0	ESPLANADE TYPICAL SECTIONS
S-5.0	PIER TYPICAL DETAILS



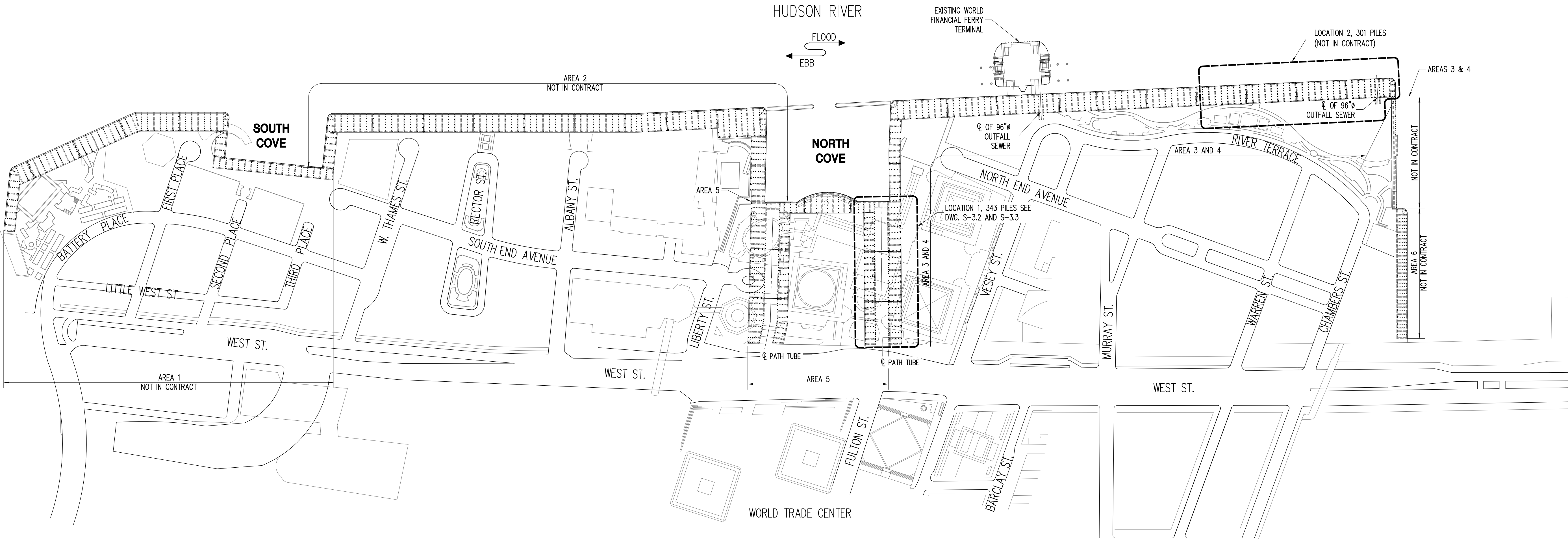
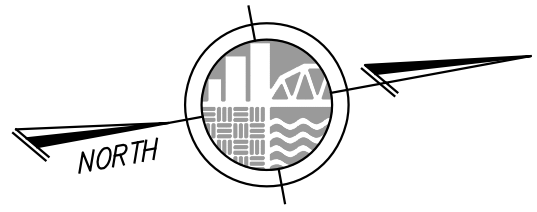
LOCATION PLAN



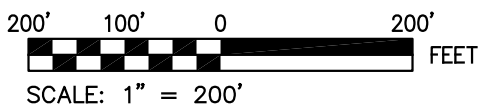
VICINITY MAP

CONSTRUCTION DRAWINGS

FILE NAME: P:\Proj\130\130870\10_Dwg\CAD\10-S-3 Overall Site Plan.dwg PLOT TIME: Mon, 31 Mar 2014 - 3:55pm LAST SAVE: Mon, 31 Mar 2014 - 3:52pm BY: echlu



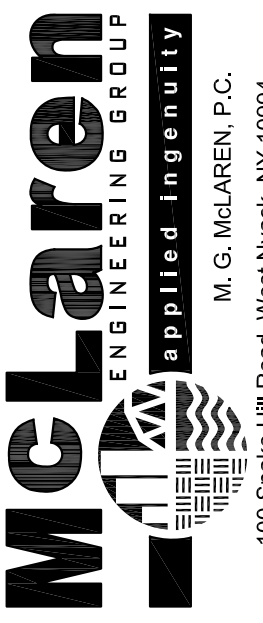
OVERALL SITE PLAN



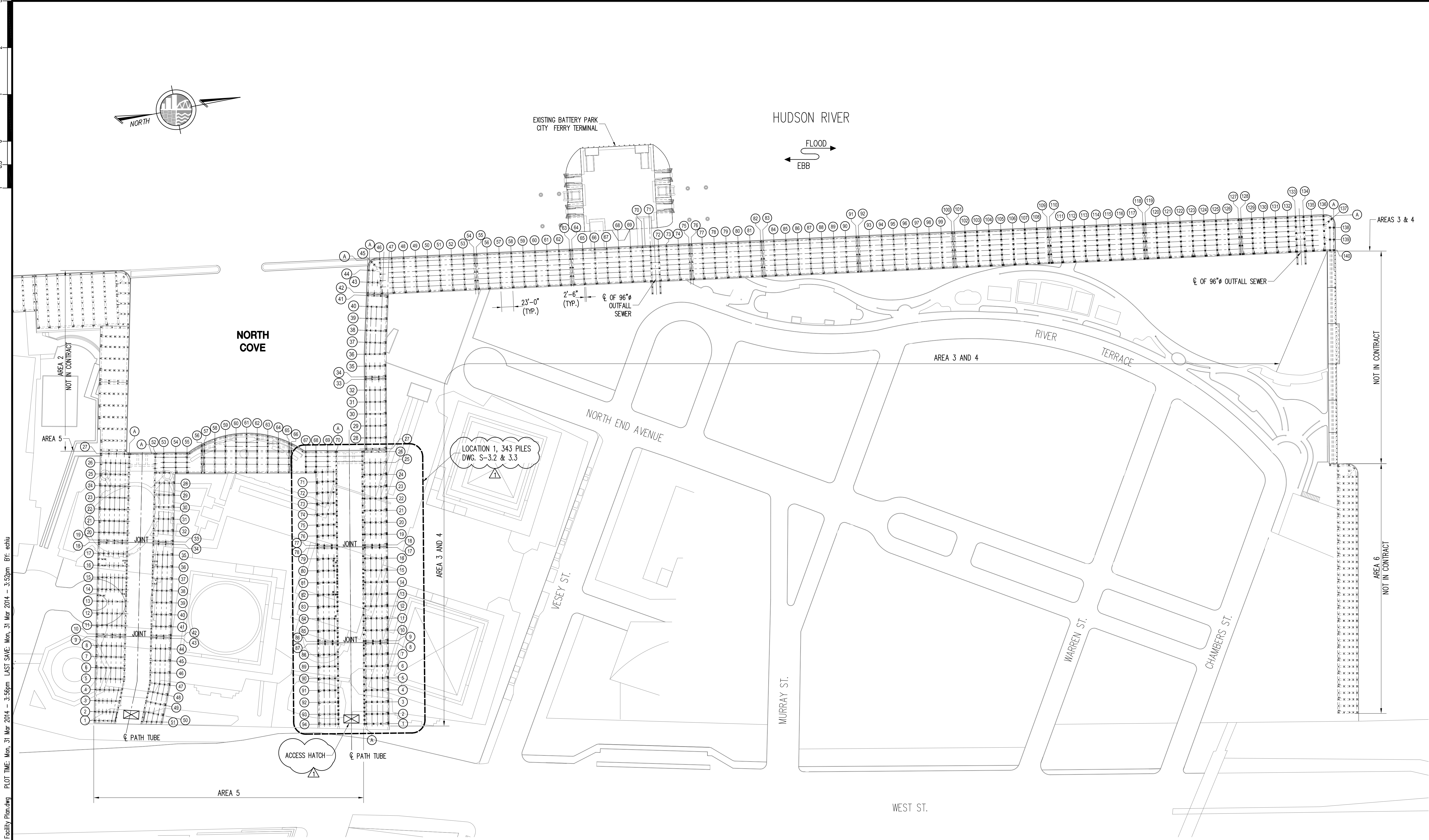
NOTE: AREA DESIGNATIONS TAKEN FROM AS-BUILT "BATTERY PARK CITY"
DRAWINGS DEVELOPED BY MUESER, RUTLEDGE, WENTWORTH, AND JOHNSTON
CONSULTING ENGINEERS, DATED JUNE 17, 1974.

CONSTRUCTION DRAWINGS

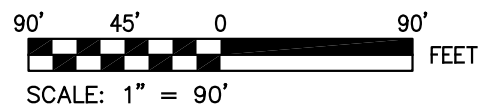
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 M. G. McLAREN, P.C. 100 Shake Hill Road, West Nyack, NY 10994 T: (947) 353-5400 F: (947) 353-5509 www.mgmlaren.com		NO.	DATE	PERSON	BY
PROJECT BATTERY PARK CITY AUTH. PHASE 3 PILE REMEDIATION NEW YORK NEW YORK					
SHEET TITLE LOCATION 1 OVERALL SITE PLAN					
PROJECT NO. 130870		SCALE AS NOTED			
DATE 03/28/2014		DRAWN BY EHC			
CHECKED BY MJD		DRAWING NO.			
S-3.0		3 OF 8 SHTS			

FILE NAME: P:\Proj\130\130870\10_Dwg\CAD\S-3.1 Facility Plan.dwg PLOT TIME: Mon, 31 Mar 2014 - 3:56pm LAST SAVE: Mon, 31 Mar 2014 - 3:52pm BY: estiu



FACILITY PLAN

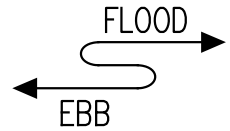


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CONSTRUCTION DRAWINGS

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PROJECT NO. 130870	
SCALE AS NOTED	
DATE 03/28/2014	
DRAWN BY EHC	
CHECKED BY MJD	
DRAWING NO. S-3.1	
PROJECT BATTERY PARK CITY AUTH. PHASE 3 PILE REMEDIATION NEW YORK	
SHEET TITLE LOCATION 1 FACILITY PLAN	
McLaren ENGINEERING GROUP applied ingenuity	
M. G. McLAREN, P.C. 100 Shake Hill Road, West Nyack, NY 10994 T: (949) 353-5400 F: (949) 353-5509 www.mgmclaren.com	
DATE 3/28/14	REVISION 100% CONSTRUCTION DRAWINGS
BY MJD	

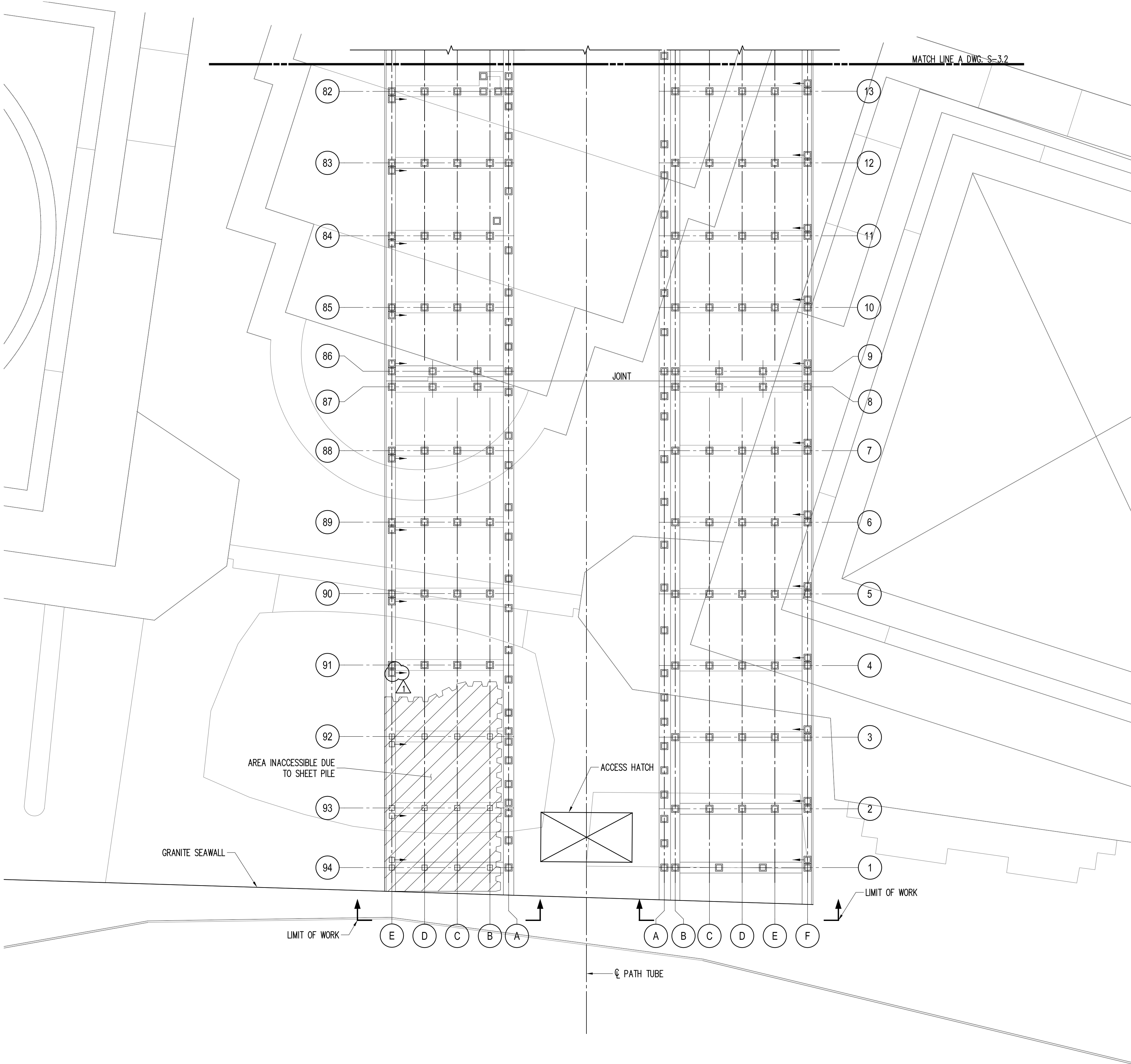


20' 10' 0 20' FEET
SCALE: 1" = 20'

NOTES:

- LEGEND:**

- ## CONSTRUCTION DRAWINGS



20' 10' 0 20' FEET
SCALE: 1" = 20'

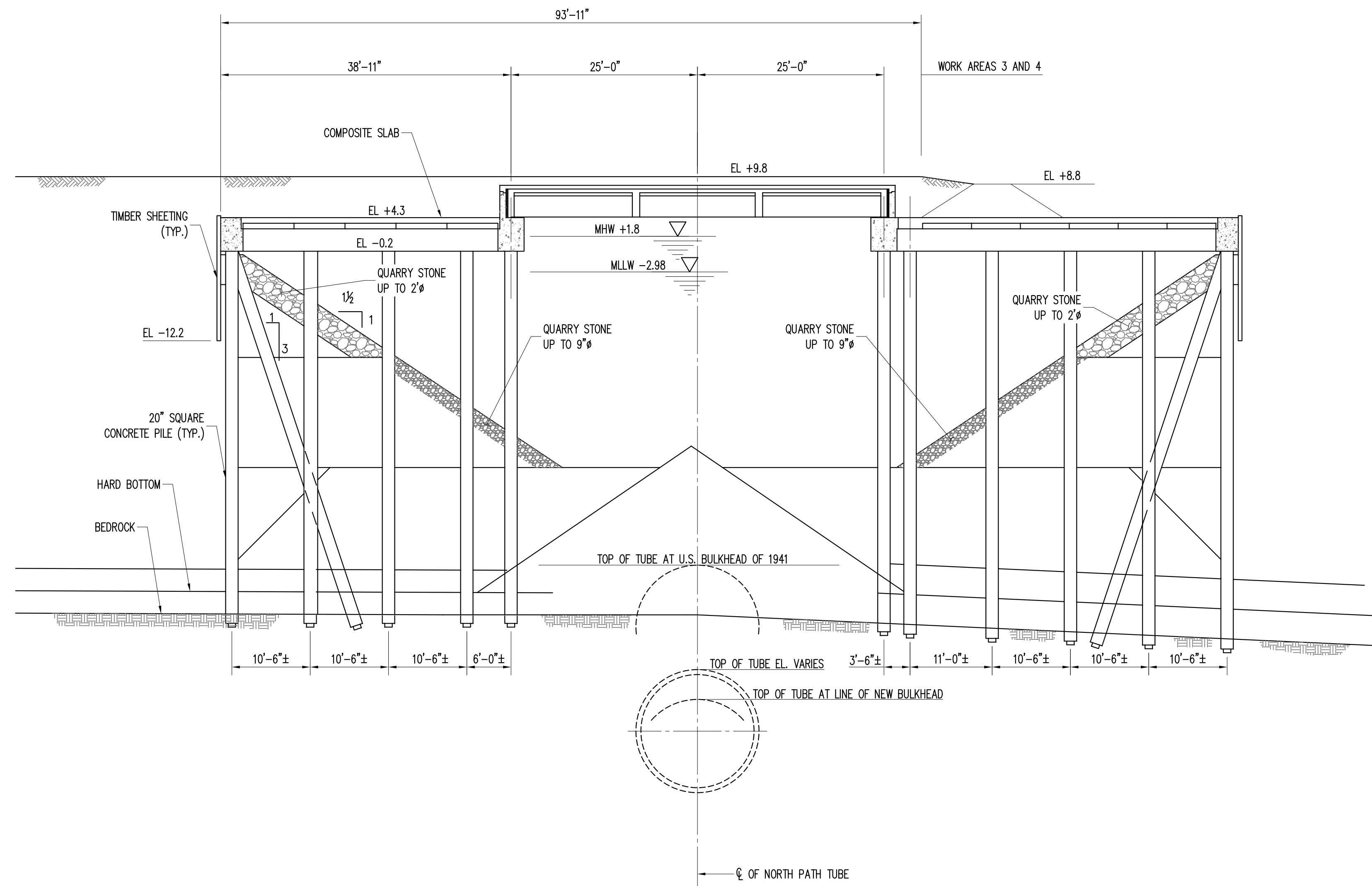
NOTES:

1. MEASUREMENTS BASED ON LIMITED FIELD SURVEY. CONTRACTOR TO VERIFY ACTUAL FIELD CONDITIONS.
2. MINIMUM JACKET SHALL CONSIST OF EXPOSED PILE LENGTH + 2 FT MINIMUM EMBEDMENT INTO MUDLINE.

- 20" x 20" SQUARE PRESTRESSED CONCRETE PILE
- ▣ 20" x 20" SQUARE PRESTRESSED CONCRETE BATTER PILE
- EXISTING JACKET REPAIR
- PROPOSED PROTECTIVE REPAIR (SEE DETAIL A ON DWG. S-5.0)
- ⊕ PROPOSED STRUCTURAL REPAIR (SEE DETAIL B ON DWG. S-5.0)
- ⬡ CORE LOCATION
- ⬡* CORE LOCATION TO BE PLUGGED (SEE DETAIL E ON DWG. S-5.0)

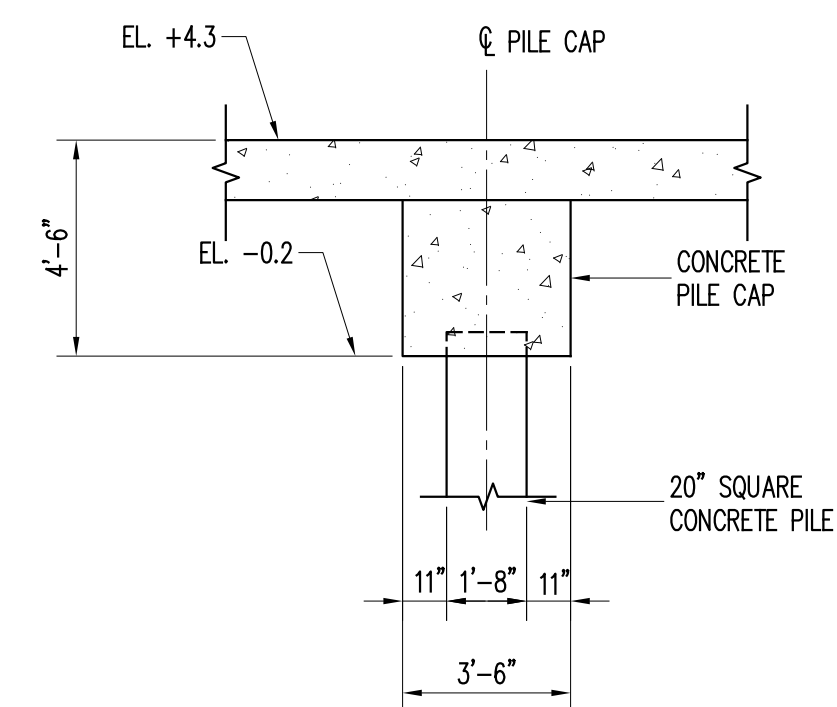
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 McLaren ENGINEERING GROUP applied ingenuity EMERGENCY RESPONSE M. G. McLAREN P.C. 100 Shrine Hill Road, West Nyack, NY 10994 T. (845) 353-4400 F. (845) 353-4559 www.mgmlaren.com		NO.	DATE	REVISION	BY
		△	3/28/14	100% CONSTRUCTION DRAWINGS	MJD
PROJECT					
BATTERY PARK CITY AUTH. PHASE 3 PILE REMEDIATION		NEW YORK NEW YORK			
SHEET TITLE					
LOCATION 1 REPAIR PLAN (2 OF 2)					
PROJECT NO.		130870			
SCALE		AS NOTED			
DATE		03/28/2014			
DRAWN BY		EHC			
CHECKED BY		MJD			
DRAWING NO.		S-3.3			
6	OF	8	SHTS		

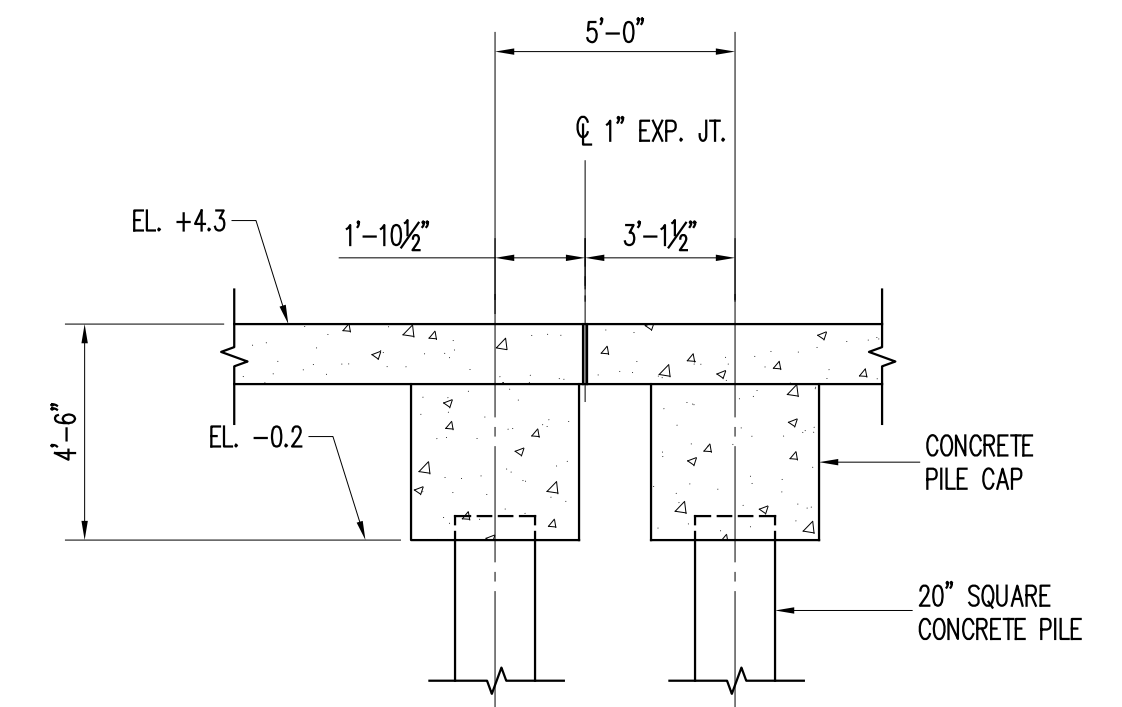


A **SECTION**
S-4.0 3/32"=1'-0"

NOTE:
SUBSURFACE PROFILE TAKEN FROM AS-BUILT "BATTERY PARK CITY"
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TYPICAL SECTION



EXPANSION JOINT SECTION

B PILE CAP SECTION

CONSTRUCTION DRAWINGS

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PROJECT	BATTERY PARK CITY AUTH. PHASE 3 PILE REMEDIATION	NEW YORK NEW YORK
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LOCATION 1
ESPLANADE
TYPICAL SECTIONS

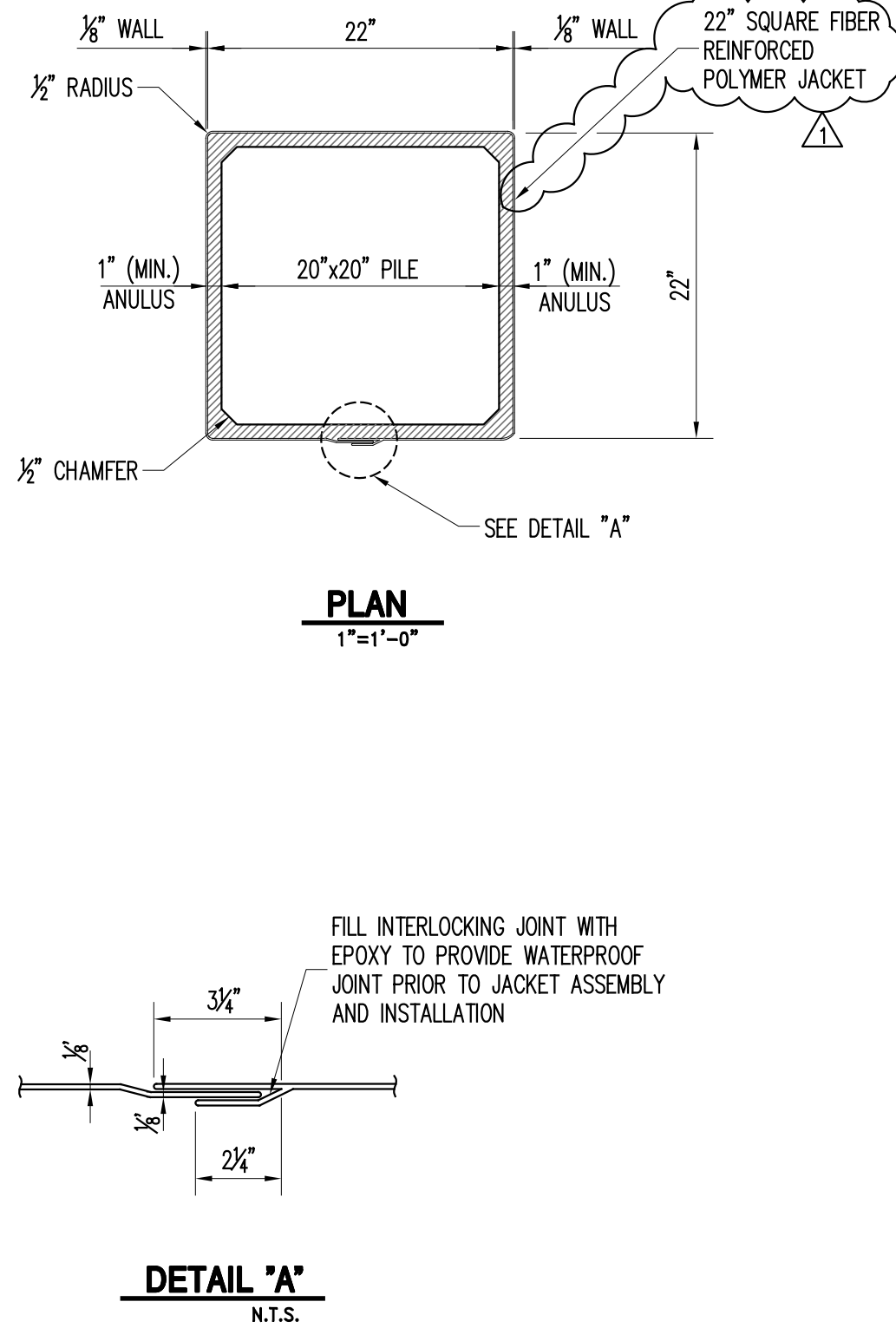
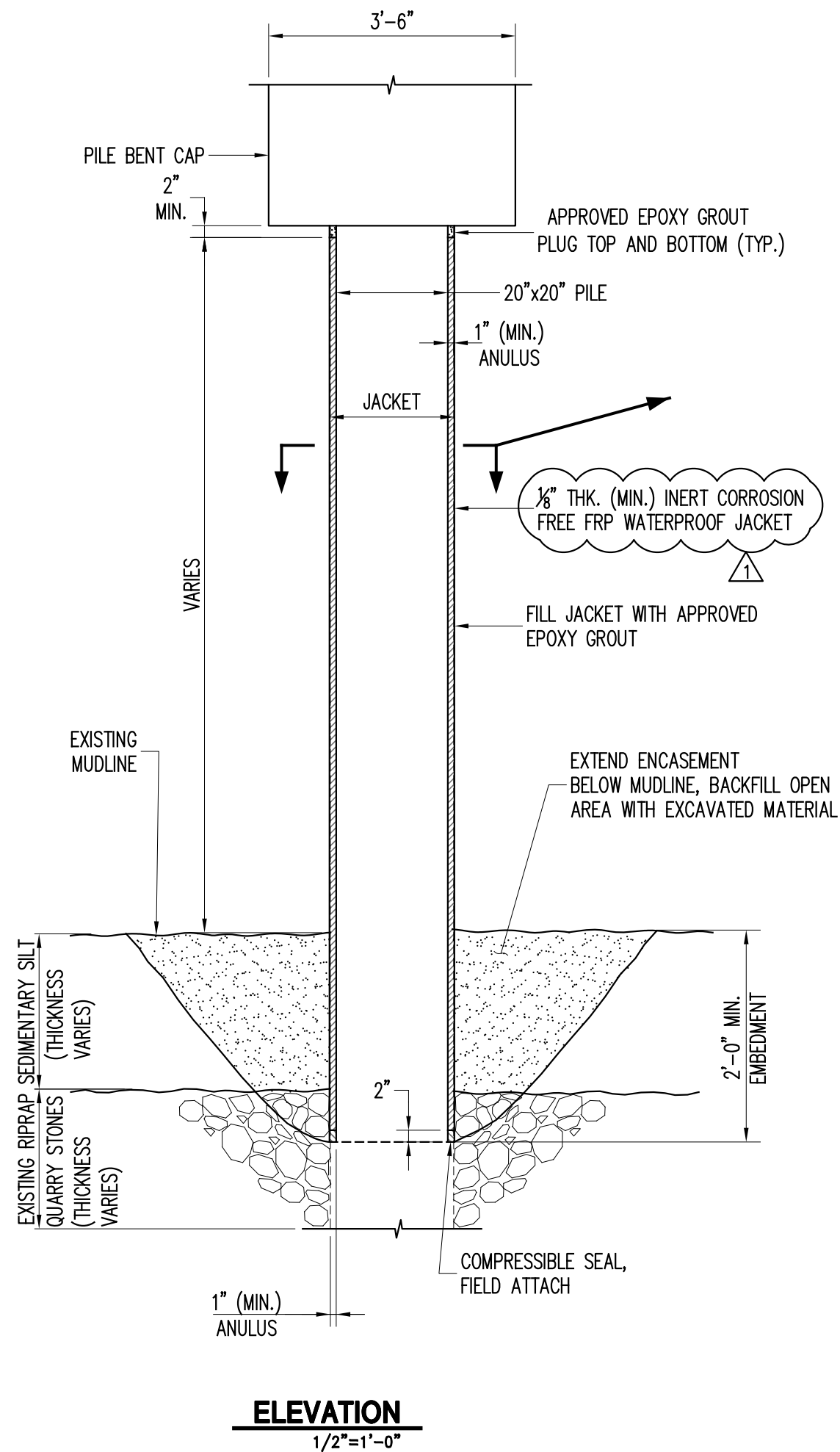
PROJECT NO.	130870
SCALE	AS NOTED
DATE	03/28/2014
DRAWN BY	EHC
CHECKED BY	MJD

DRAWING NO.

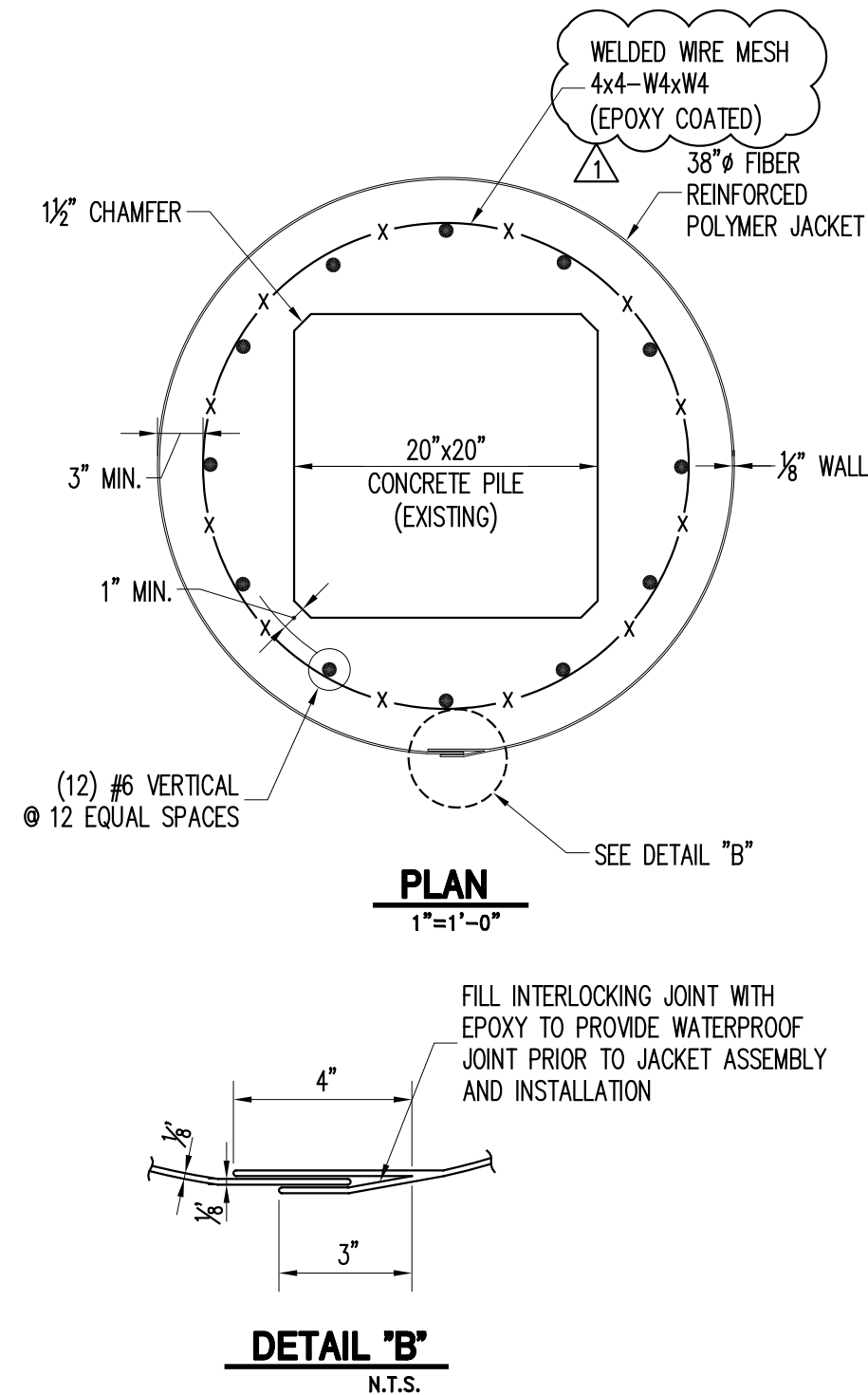
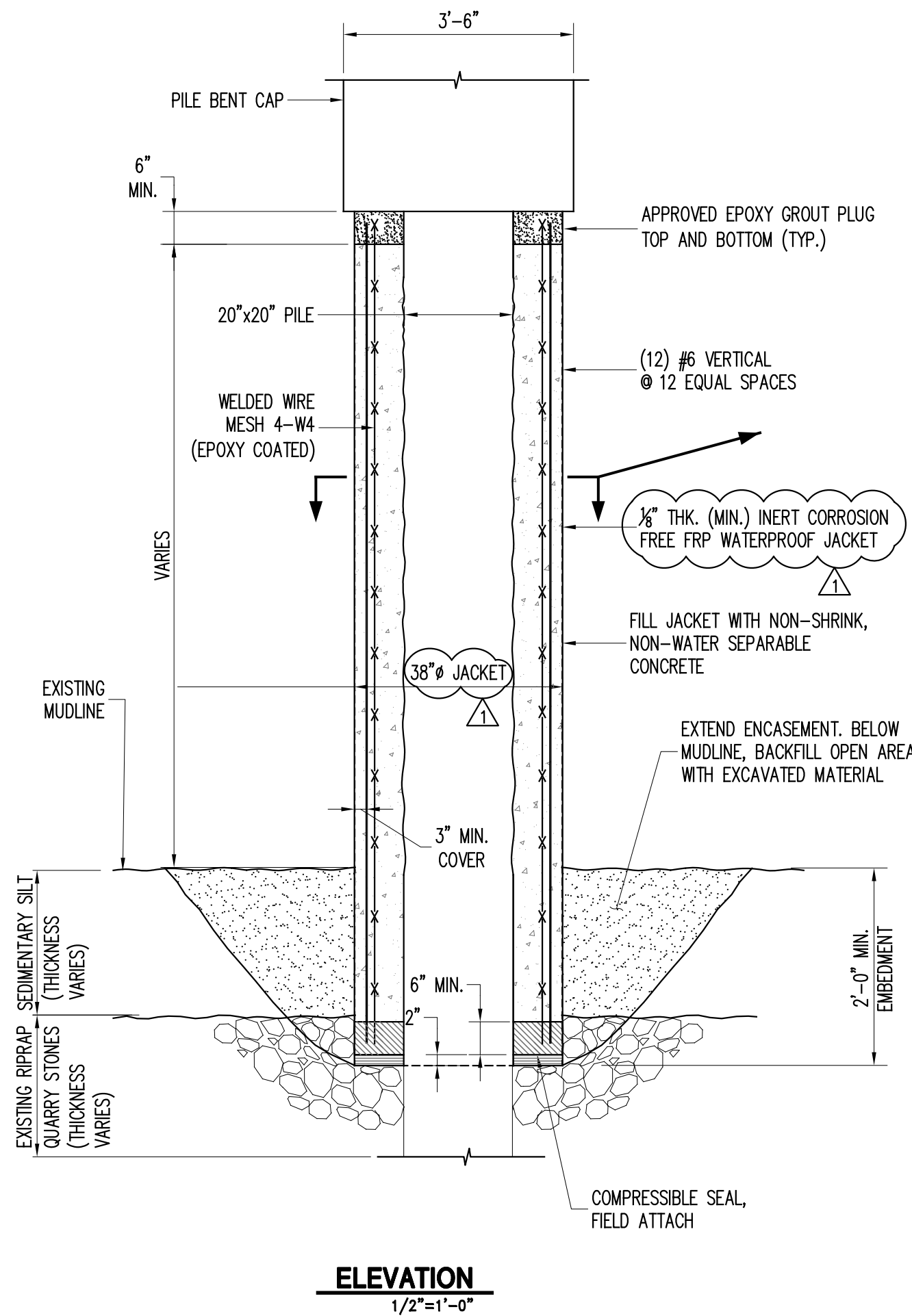
S-4.0

7 OF 8 SHTS

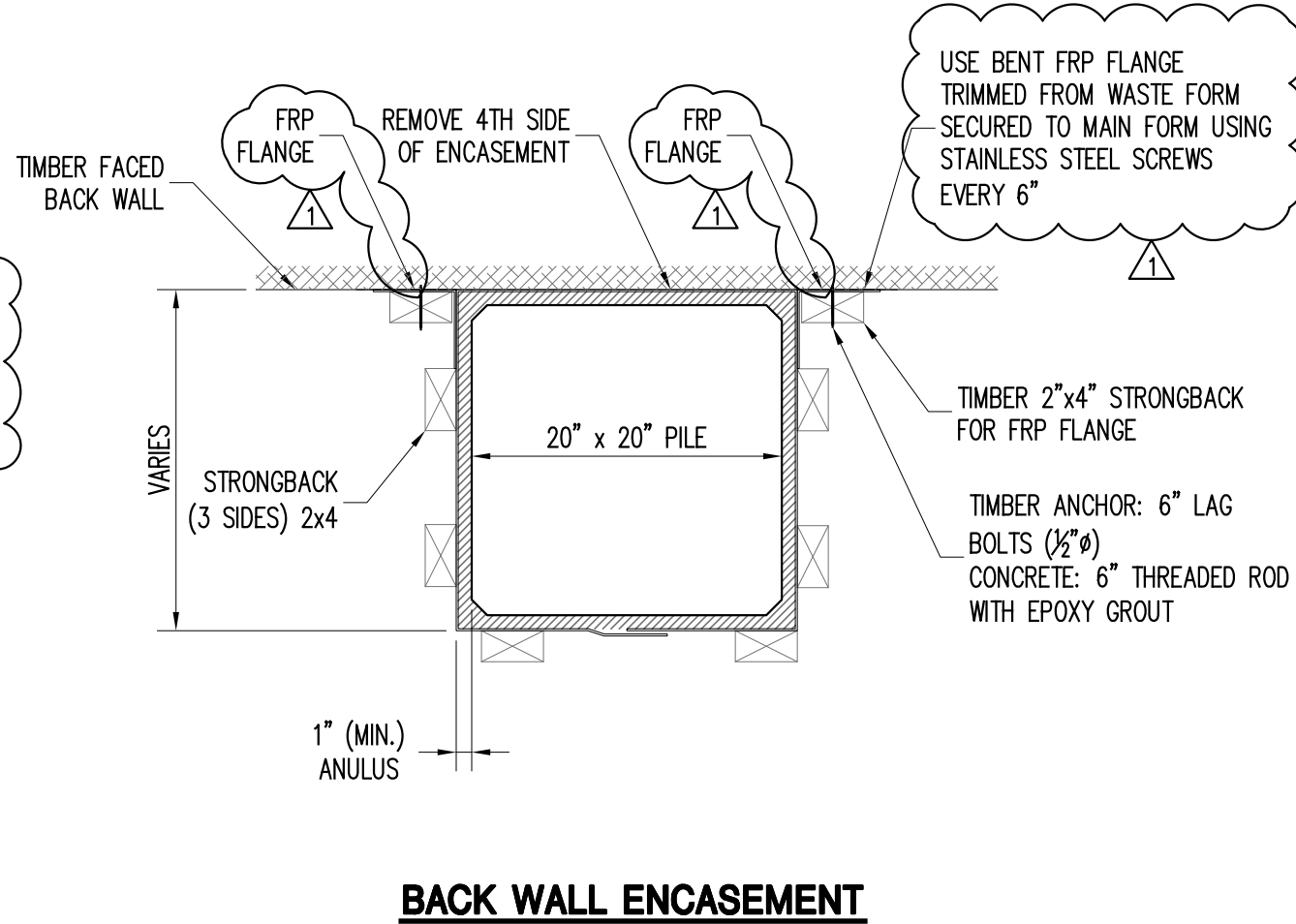
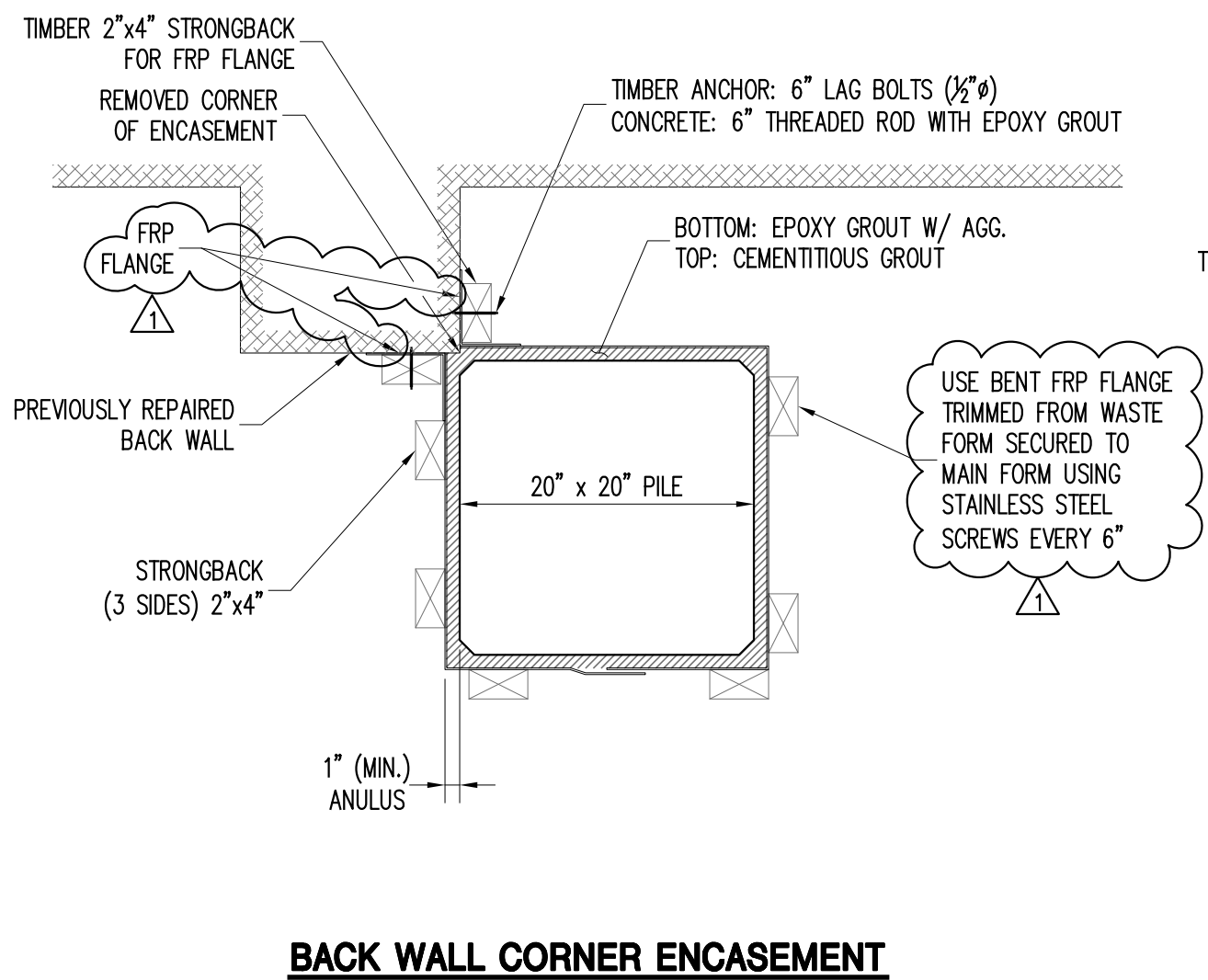
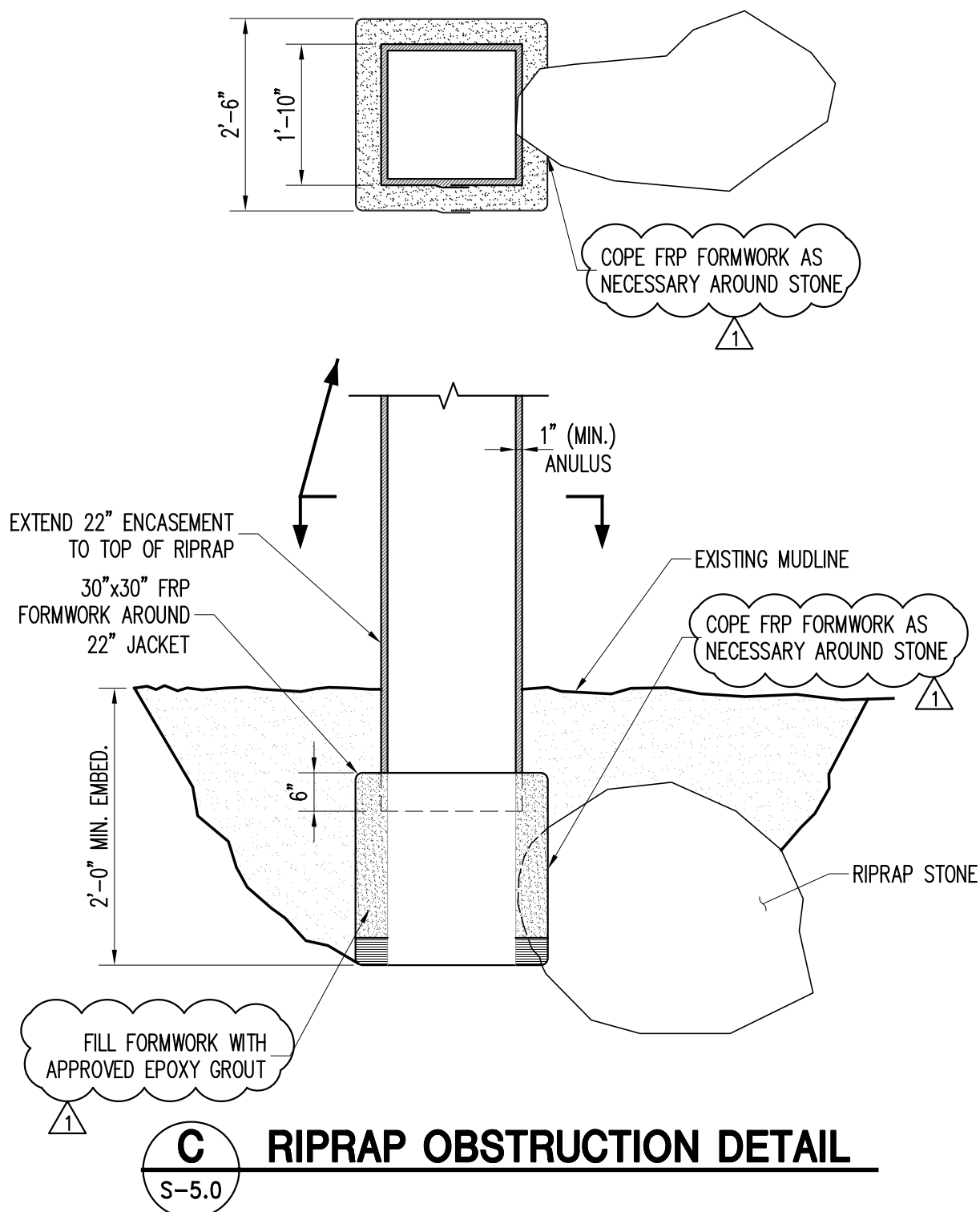
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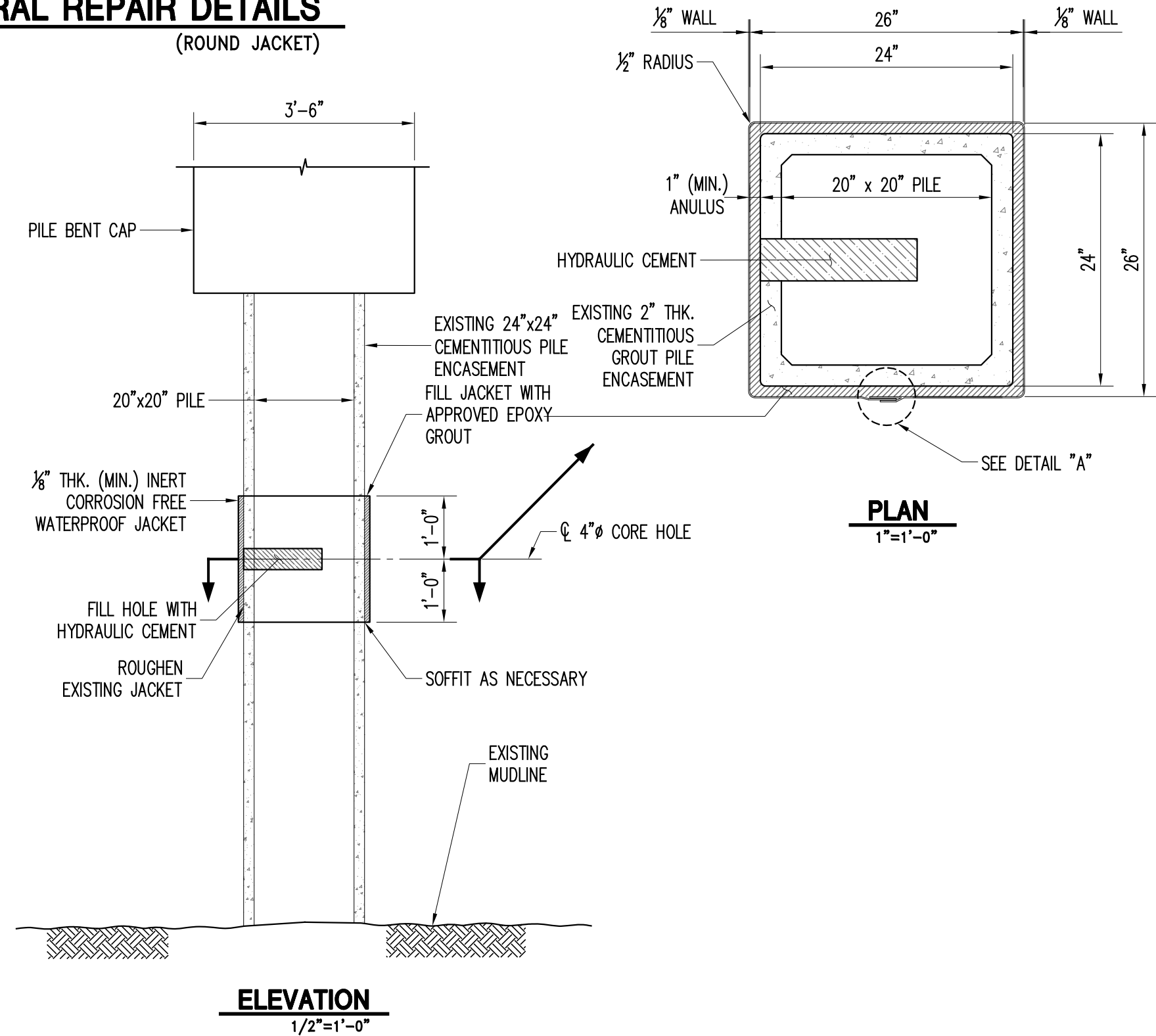
A EXPOXY GROUT PILE PROTECTION DETAILS
S-5.0 MUDLINE CONDITIONS PER SCHEDULE ON REPAIR PLAN (SQUARE JACKET)



B CONCRETE PILE STRUCTURAL REPAIR DETAILS
S-5.0 MUDLINE CONDITIONS PER SCHEDULE ON REPAIR PLAN (ROUND JACKET)



D BACK WALL ENCASEMENT DETAIL
S-5.0



E CONCRETE CORE PLUG DETAIL
S-5.0

CONSTRUCTION DRAWINGS

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PROJECT
BATTERY PARK CITY AUTH.
PHASE 3 PILE REMEDIATION
NEW YORK

SHEET TITLE
LOCATION 1
PIER TYPICAL DETAILS

PROJECT NO. 130870
SCALE AS NOTED
DATE 03/28/2014
DRAWN BY EHC
CHECKED BY MJD
DRAWING NO. **S-5.0**
8 OF 8 SHEETS