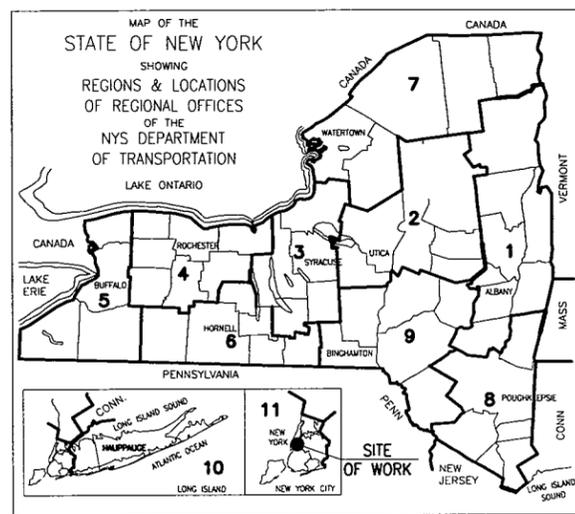


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 USER = V.A.

DESIGN SUPERVISOR \_\_\_\_\_ JOB MANAGER \_\_\_\_\_ CHECKED BY \_\_\_\_\_ ESTIMATED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_

THIS SHEET SUPPLEMENTS SHEET 1



RESTRICTED HIGHWAY

**PROJECT LOCATION:**  
 THIS PROJECT IS LOCATED ALONG NEW YORK STATE ROUTE 9A FROM BATTERY PLACE TO CHAMBERS STREET IN NEW YORK COUNTY. THE PROJECT LENGTH IS APPROXIMATELY 4800FT (0.9MI).



STATE OF NEW YORK  
 DEPARTMENT OF TRANSPORTATION  
 OFFICE OF ENGINEERING

ROUTE 9A - WEST STREET PROMENADE PROJECT  
 RECONSTRUCTION OF RT. 9A-WEST ST. (BATTERY PLACE TO CHAMBERS ST.)  
 MANHATTAN, NEW YORK COUNTY

17 SHEETS F.A. PROJECT CONTRACT D260298

FIELD CHANGE SHEETS (JUNE 6, 2012)

BATTERY PARK UNDERPASS APPROACH WALLS MODIFICATIONS

U.S. CUSTOMARY UNIT PLANS

NOTES

1. CONTRACT PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH NYS DOT POLICIES AND GUIDELINES AND THE FINAL DESIGN REPORT APPROVED ON 07/13/05.
2. IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

THESE SIGNATURES APPROVE SHEETS  
 1F9, 898A1F1, 899A1F1, 900A1F1, 901A1F1, 902A1F1, 903A1F1, 904A1F1, 905A1F1, 906A1F1, 907A1F1, 908A1F1, 909A1F1, 910A1F1, 911A1F1, 912A1F1 AND 913A1F1.



APPROVED BY *Alexander Murphy* DATE 6/6/12  
 ALEXANDER MURPHY, P.E.  
 AECOM  
 NYS P.E., LIC. NO. 063850

APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 SHILPAN PATEL, P.E.  
 ACTING ROUTE 9A PROJECT DIRECTOR

APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 J.R. TYNAN, P.E.  
 DIRECTOR OF CONSTRUCTION DIVISION

ROUTE 9A - WEST ST. PROMENADE PROJECT			
RECONSTRUCTION OF RT. 9A-WEST ST. (BATTERY PLACE TO CHAMBERS ST.)			
NEW YORK COUNTY, NEW YORK			
FED. ROAD REG. NO.	STATE	SHEET NO.	TOTAL SHEETS
1	N.Y.	1F9	17
FEDERAL AID PROJECT NO.	F.A. PROJECT		
CAPITAL PROJECT IDENTIFICATION NO.	X759.84		



**NOTES FOR NORTH APPROACH WALLS:**

- DESIGN SPECIFICATIONS: NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES WITH ALL PROVISIONS IN EFFECT AS OF JULY, 2003 WITH CURRENT AMENDMENTS. FOR DESIGN PURPOSES, COMPRESSIVE STRENGTH OF PRECAST CONCRETE FOR VENEER PANELS AT 28 DAYS:  $f'c = 28 \text{ MPa}$ .
- CONSTRUCTION AND MATERIALS SPECIFICATIONS: STANDARD SPECIFICATIONS, CONSTRUCTION AND MATERIALS, NEW YORK STATE DEPARTMENT OF TRANSPORTATION, OFFICE OF ENGINEERING, DATED JANUARY 2, 2002 WITH CURRENT ADDITIONS AND MODIFICATIONS.
- THE CONTRACTOR IS NOT ALLOWED TO PROPOSE SUBSTITUTIONS, ALTERNATE DESIGNS, OR DEVIATIONS FROM THE PRECAST STONE VENEER PANELS AS SHOWN ON CONTRACT PLANS UNLESS THEY ARE REVIEWED AND APPROVED BY THE (NYS DOT MATERIALS BUREAU) OR UNDER THE VALUE ENGINEERING PROVISION. IF THE CONTRACTOR ELECTS TO DO SO, HE MUST SUBMIT HIS PROPOSED DESIGN TO THE (NYS DOT MATERIALS BUREAU) FOR REVIEW AND APPROVAL. THE PROPOSED DESIGN SHALL BE PERFORMED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK, AND IN STRICT ACCORDANCE WITH THE SAME DESIGN CRITERIA USED IN THE ORIGINAL DESIGN SHOWN ON PLANS AND SPECIFIED IN THESE CONTRACT DOCUMENTS. PRECAST STONE VENEER PANELS OF UNEQUAL QUALITY, OR USING DIFFERENT DESIGN CRITERIA WILL NOT BE ACCEPTED.
- PRECAST STONE VENEER PANELS DESIGN CRITERIA:
  - STEEL BAR REINFORCEMENT SHALL CONFORM TO ASTM A615M GRADE 420 WITH MINIMUM YIELD STRENGTH  $F_y=420 \text{ MPA}$ . PAYMENT FOR REINFORCEMENT SHALL BE INCLUDED IN THE PRICE BID FOR THE PRECAST STONE VENEER PANELS.
  - THE PRECAST STONE VENEER PANELS SHALL BE DESIGNED TO SUSTAIN THE DEAD LOAD OF THE PANELS. NO LIVE LOAD OR IMPACT LOAD SHALL BE APPLIED TO THE PANELS. SHOP DRAWINGS WITH COMPUTATIONS SHALL BE SUBMITTED FOR APPROVAL.
  - THE STONE PATTERN AND FINISH SHALL BE AS APPROVED BY THE ARCHITECT.
  - THE CONTRACT DRAWINGS INDICATE A METHOD OF ATTACHING THE PANELS TO THE EXISTING WALLS. THE CONTRACTOR HAS THE OPTION OF UTILIZING OTHER METHODS FOR ATTACHMENT, PROVIDED THAT ALL HARDWARE IS GALVANIZED OR STAINLESS STEEL UNLESS OTHERWISE NOTED. SHOP DRAWINGS FOR ATTACHMENT SHALL BE SUBMITTED FOR APPROVAL.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT, DUE TO THE NATURE OF RECONSTRUCTION PROJECTS, THE EXACT EXTENT OF RECONSTRUCTION WORK CANNOT ALWAYS BE ACCURATELY DETERMINED PRIOR TO THE COMMENCEMENT OF WORK. THESE CONTRACT DOCUMENTS HAVE BEEN PREPARED BASED ON FIELD INSPECTION AND OTHER INFORMATION AVAILABLE AT THE TIME. ACTUAL FIELD CONDITIONS MAY REQUIRE MODIFICATIONS TO CONSTRUCTION DETAILS AND WORK QUANTITIES. THE CONTRACTOR SHALL PERFORM THE WORK IN ACCORDANCE WITH FIELD CONDITIONS.
- THE CONTRACTOR SHALL PERFORM ALL WORK WITH CARE SO THAT ANY MATERIALS WHICH ARE TO REMAIN IN PLACE, OR WHICH ARE TO REMAIN THE PROPERTY OF THE STATE, WILL NOT BE DAMAGED. IF THE CONTRACTOR DAMAGES ANY MATERIALS WHICH ARE TO REMAIN IN PLACE, OR WHICH ARE TO REMAIN THE PROPERTY OF THE STATE, THE DAMAGED MATERIALS SHALL BE REPAIRED OR REPLACED IN A MANNER SATISFACTORY TO THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
- WHENEVER ITEMS IN THE CONTRACT REQUIRE MATERIALS TO BE REMOVED AND DISPOSED OF, THE COST OF SUPPLYING A DISPOSAL AREA AND TRANSPORTATION TO THAT AREA SHALL BE INCLUDED IN THE UNIT PRICES BID FOR THOSE ITEMS.
- ALL SHOP DRAWINGS SUBMITTED FOR THIS PROJECT SHALL BE IN SI UNITS. ERECTION DRAWINGS ARE TO BE PREPARED IN DUAL UNITS.
- THE COST OF ALL JOINT MATERIAL SHALL BE INCLUDED IN THE UNIT PRICES BID FOR THE VARIOUS ITEMS OF THE CONTRACT, UNLESS OTHERWISE SPECIFIED ON THE PLANS.
- ALL CONCRETE SURFACES RECEIVING NEW MORTAR SHALL BE SANDBLASTED. AIR CLEAN THE SURFACE, AFTER SANDBLASTING, WITH OIL-FREE AIR. THE SURFACE PREPARATION SHALL BE INSPECTED AND ACCEPTED BY THE ENGINEER. THOROUGHLY WET THE CONCRETE SURFACE FOR 12 HOURS CONTINUOUSLY PRIOR TO NEW MORTAR PLACEMENT. THE SURFACE SHALL BE WETTED BY MEANS ACCEPTABLE TO THE ENGINEER. THE CONTRACTOR SHALL REMOVE ANY PUDDLES OF FREE STANDING WATER WITH OIL-FREE COMPRESSED AIR. PROTECT THE SURFACE FROM DRYING SO THAT THE EXISTING CONCRETE REMAINS IN CLEAN, SATURATED, SURFACE DRY CONDITION UNTIL PLACEMENT OF NEW MORTAR. THERE SHALL BE NO SEPARATE PAYMENT FOR THIS WORK. THE COST SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE PRECAST STONE VENEER PANELS.

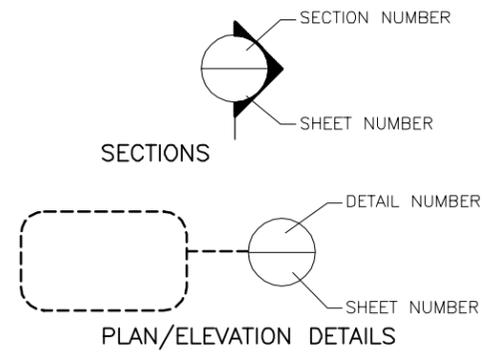
**ARCHITECTURAL GENERAL NOTES**

- ALL WORK OF THIS CONTRACT SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE NEW YORK CITY BUILDING CODE AND REGULATIONS OF OTHER AGENCIES HAVING JURISDICTION ON THE WORK OF THIS CONTRACT.
- DRAWINGS ARE NOT TO BE SCALED. USE DIMENSIONS ONLY. ALL DIMENSIONS AND CONDITIONS SHOWN AND ASSUMED ON THE DRAWINGS MUST BE VERIFIED AT THE SITE BY THE CONTRACTOR BEFORE ORDERING ANY MATERIAL OR DOING ANY WORK. ANY DISCREPANCIES IN THE DRAWINGS AND SPECIFICATIONS SHALL BE REPORTED TO THE ENGINEER. NO CHANGE IN DRAWINGS OR SPECIFICATIONS IS PERMISSIBLE WITHOUT THE WRITTEN CONSENT OF THE ENGINEER. NO WORK SHALL PROCEED UNTIL SUCH DISCREPANCY HAS BEEN RECTIFIED.
- ALL WORK ON THESE DRAWINGS SHALL BE CONSIDERED NEW WORK WHETHER STATED OR NOT EXCEPT WHERE SPECIFICALLY NOTED AS "EXISTING TO REMAIN".
- THE CONTRACTOR SHALL DISCONNECT AND/OR REMOVE ANY EXISTING PLUMBING, ELECTRICAL FIXTURES, WIRE CONDUITS, OR OTHER WORK WHICH MIGHT INTERFERE WITH THE WORK OF THIS CONTRACT. AFTER NEW WORK IS COMPLETED, THE DISCONNECTED OR REMOVED ITEMS SHALL BE REINSTALLED BY THE CONTRACTOR AT THE SAME LOCATION OR AT NEW LOCATION AS DIRECTED. FURNISH ALL NECESSARY NEW MATERIALS/HARDWARE FOR COMPLETION OF WORK.
- THE CONTRACTOR SHALL PERFORM ALL COORDINATION, CUTTING AND PATCHING REQUIRED TO COMPLETE THE WORK OR TO MAKE ITS PARTS FIT TOGETHER PROPERLY WITHOUT COMPROMISING THE QUALITY OF THE WORK.
- THE CONTRACTOR SHALL FURNISH AND INSTALL NEW MATERIALS AT NO ADDITIONAL COST TO THE CLIENT FOR ANY EXISTING WORK THAT HAS BEEN REMOVED OR DAMAGED IN ORDER TO PERFORM THE CONTRACT WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE, DISTORTIONS AND OFF ALIGNMENTS ACCORDING TO CODES AND STANDARDS OF GOOD PRACTICE.
- WHERE MANUFACTURER'S NAMES AND PRODUCT NUMBERS ARE INDICATED ON DRAWINGS, IT SHALL BE CONSTRUCTED TO MEAN THE ESTABLISHMENT OF QUALITY AND PERFORMANCE STANDARDS OF SUCH ITEMS. ALL OTHER PRODUCTS MUST BE SUBMITTED TO THE ARCHITECT FOR APPROVAL BEFORE THEY SHALL BE DEEMED EQUAL.
- THE CONTRACTOR SHALL, UNLESS OTHERWISE PROVIDED IN THE CONTRACT DOCUMENTS, SECURE AND PAY FOR REQUIRED PERMIT(S), FEES, LICENSES AND INSPECTIONS NECESSARY FOR THE PROPER EXECUTION OF THE WORK.
- ADDITIONAL NOTES WHICH ARE APPLICABLE TO THIS PROJECT MAY BE FOUND THROUGHOUT THE CONTRACT DOCUMENTS.

11. REFER TO THE LANDSCAPE NOTES ON DWG. NO. LSN-01 REGARDING TREE/VEGETATION PROTECTION AND STOCKPILE/STAGING/STORAGE AREAS WHEN ACCESSING THE WEST WALL FROM THE PLANTER AREA.

12. THE FULL-SIZE SAMPLE WALL PANEL SHALL NOT BE SHIPPED UNTIL ALL PANELS ARE FABRICATED AND ACCEPTED BY THE NYS DOT-9A LANDSCAPE ARCHITECT. PROCUREMENT OF MATERIALS THAT COMPLY WITH SPECIFICATION REQUIREMENTS MAY PROCEED IN ADVANCE OF ACCEPTANCE OF SAMPLE WALL PANEL.

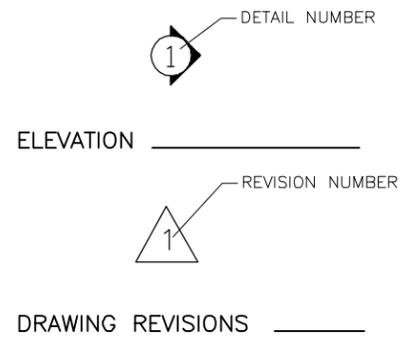
**SYMBOLS**



FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D260298	898A1F1	913
ROUTE 9A - WEST ST. PROMENADE PROJECT				
RECONSTRUCTION OF RT. 9A-WEST ST. (BATTERY PL. TO CHAMBERS ST.)				
NEW YORK COUNTY				
P.I.N. X759.84			B.I.N.	

THIS SHEET SUPERSEDES SHEET 898A1

FIELD CHANGE SHEET



**ESTIMATE OF QUANTITIES**

ITEM NUMBER	DESCRIPTION	AS BID		REVISED	
		UNITS	QUANTITY	UNITS	QUANTITY
560.3112--11 M	PRECAST CONCRETE WALL WITH INTEGRALLY CAST STONE	SM	1060	SM	0
560.3112--40 M	PRECAST CONCRETE WALL PANELS WITH INTEGRALLY CAST STONE VENEER AND CAST-IN-PLACE STONE VENEER, PILASTER STEMS, COPING STONE AND FIELD-INSTALLED STONE	SM	0	SM	694
560.36--40 M	PILASTER CAPS	EA	0	EA	2
656.01--40 M	STAINLESS STEEL ACCESS PANELS	M	0	M	390
555.7294--40 M	ARCHITECTURAL TREATMENT OF VERTICAL CONCRETE SURFACES	CM	0	SM	22

1	ADDED AND MODIFIED NOTES AND ADDED TABLE	05/08/2012
NO.	DESCRIPTIONS	DATE
REVISIONS		



AS BUILT REVISIONS

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

**BATTERY PARK UNDERPASS APPROACH WALLS GENERAL NOTES**

STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION

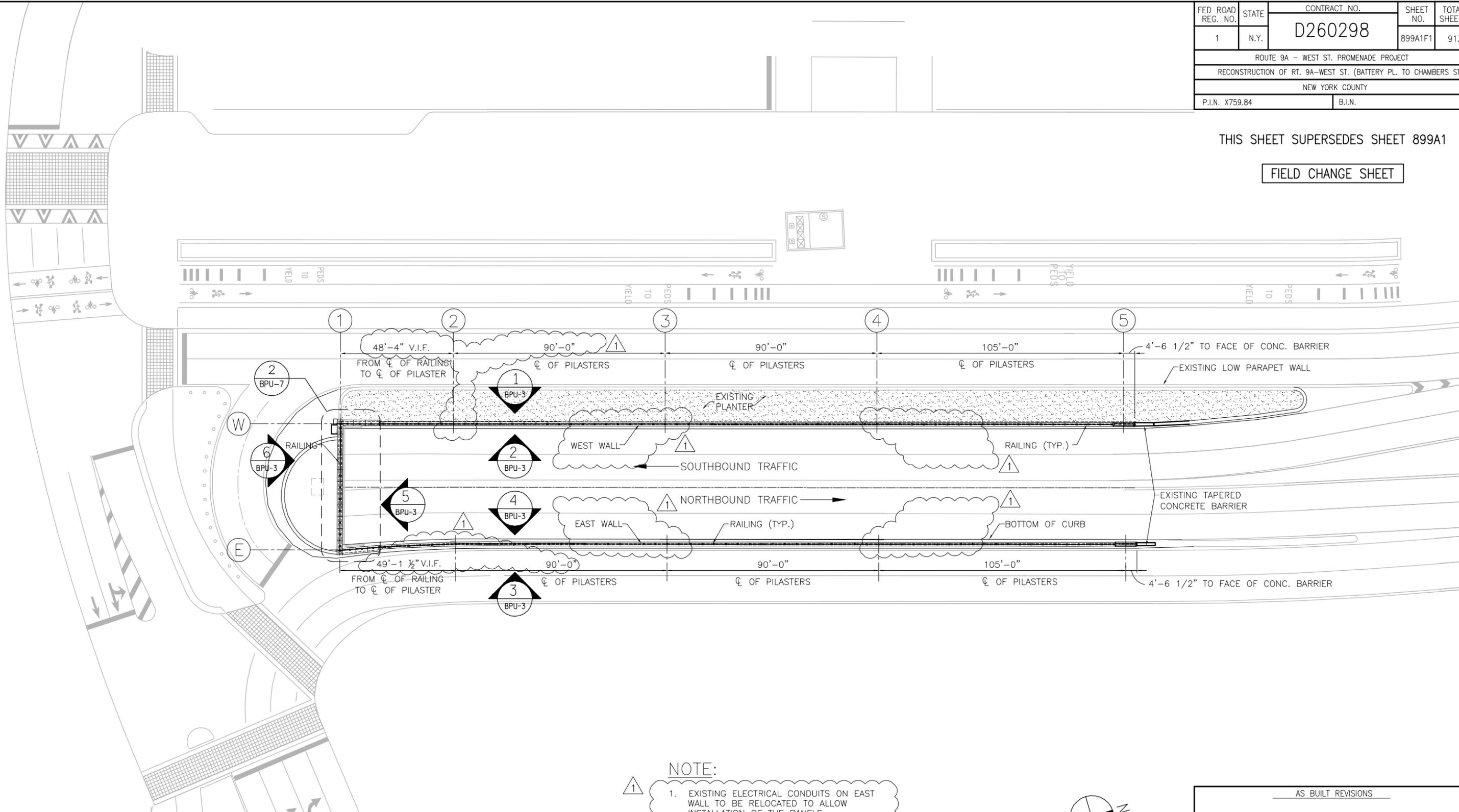
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FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
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ROUTE 9A - WEST ST. PROMENADE PROJECT				
RECONSTRUCTION OF RT. 9A-WEST ST. (BATTERY PL. TO CHAMBERS ST.)				
NEW YORK COUNTY				
P.I.N. X759.84			B.I.N.	

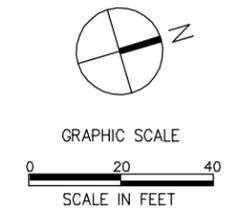
THIS SHEET SUPERSEDES SHEET 899A1

FIELD CHANGE SHEET

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 BR/MS/PK CHECKED BY  
 WH DRAFTED BY  
 AM ESTIMATED BY  
 BR/JM CHECKED BY  
 AM DESIGNED BY  
 NS JOB MANAGER  
 NS DESIGN SUPERVISOR



**NOTE:**  
 1. EXISTING ELECTRICAL CONDUITS ON EAST WALL TO BE RELOCATED TO ALLOW INSTALLATION OF THE PANELS.



AS BUILT REVISIONS	
SIGNATURE	DATE
BATTERY PARK UNDERPASS APPROACH WALLS SITE PLAN	

STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION			
FILENAME	REGION	DATE	DRAWING NO.
x01322bpu-2_plt	11	03/26/2012	BPU-2

1 GROUND LEVEL PLAN AT B.P.U. PORTAL EXTENSION AND APPROACH WALLS

NO.	DESCRIPTIONS REVISIONS	DATE
1	REVISED NOTE AND PLAN, DELETED PILASTER HEADS	05/08/2012



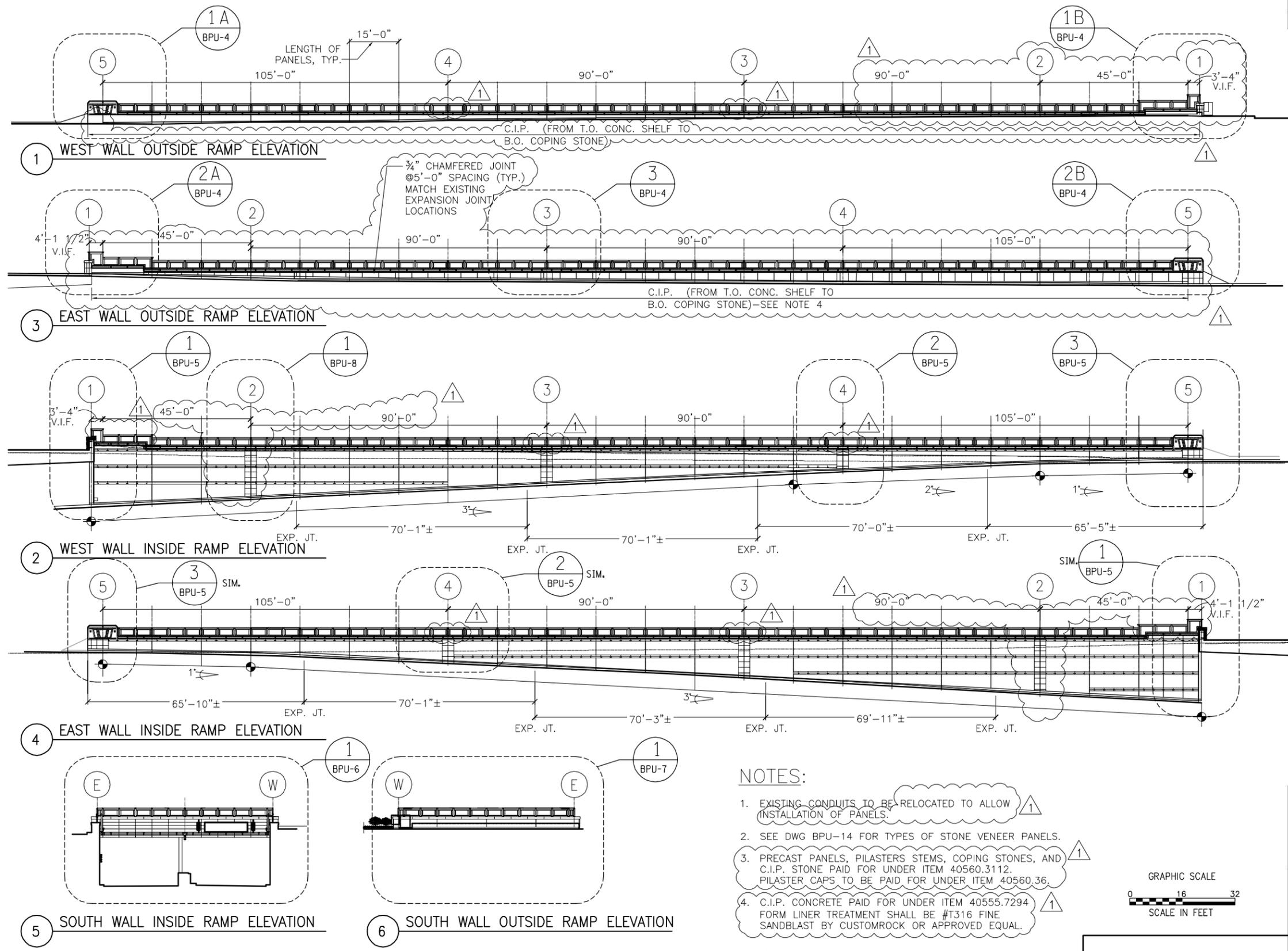
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ROUTE 9A - WEST ST. PROMENADE PROJECT				
RECONSTRUCTION OF RT. 9A-WEST ST. (BATTERY PL. TO CHAMBERS ST.)				
NEW YORK COUNTY				
P.I.N. X759.84		B.I.N.		

THIS SHEET SUPERSEDES SHEET 900A1

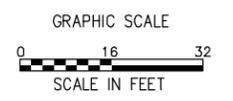
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 WH DRAFTED BY  
 AM ESTIMATED BY  
 BR/JM CHECKED BY  
 AM DESIGNED BY  
 NS JOB MANAGER  
 DESIGN SUPERVISOR



NOTES:

- EXISTING CONDUITS TO BE RELOCATED TO ALLOW INSTALLATION OF PANELS.
- SEE DWG BPU-14 FOR TYPES OF STONE VENEER PANELS.
- PRECAST PANELS, PILASTER STEMS, COPING STONES, AND C.I.P. STONE PAID FOR UNDER ITEM 40560.3112. PILASTER CAPS TO BE PAID FOR UNDER ITEM 40560.36.
- C.I.P. CONCRETE PAID FOR UNDER ITEM 40555.7294. FORM LINER TREATMENT SHALL BE #T316 FINE SANDBLAST BY CUSTOMROCK OR APPROVED EQUAL.



NO.	DESCRIPTIONS	DATE
1	ADDED NOTE, CHANGED TO C.I.P. CONCRETE, DELETED PILASTER HEADS	05/08/2012
	REVISIONS	



AS BUILT REVISIONS

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

**BATTERY PARK UNDERPASS  
APPROACH WALLS  
WALL ELEVATIONS**

STATE OF NEW YORK  
DEPARTMENT OF TRANSPORTATION

FILENAME: x01322bpu-3\_plt REGION: 11 DATE: 03/26/2012 DRAWING NO.: BPU-3

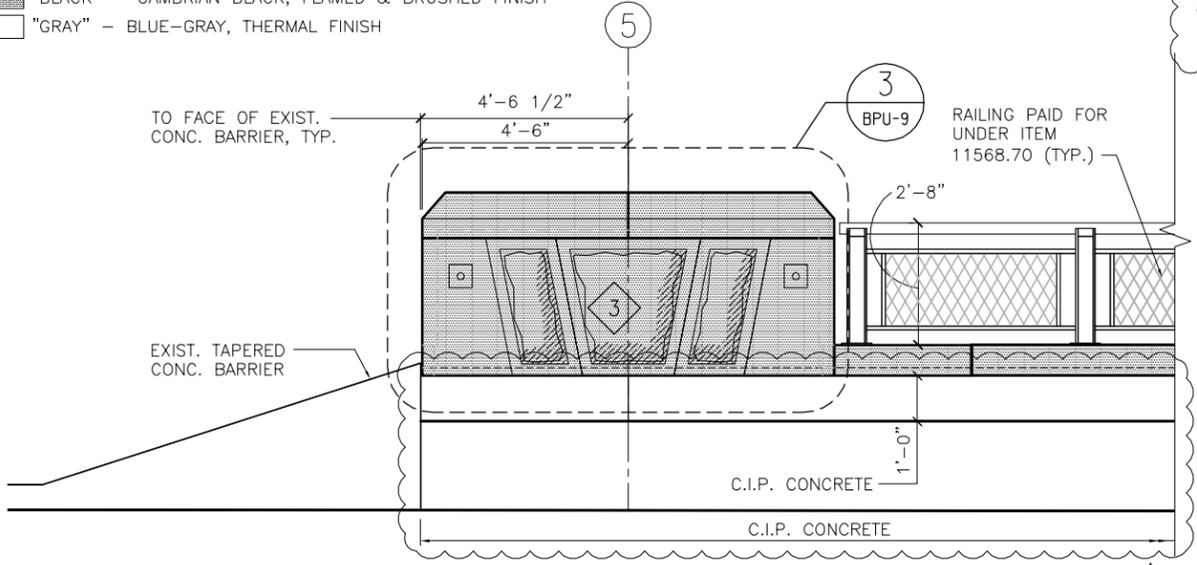
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Date/Time: Jun 06, 2012, 4:02pm

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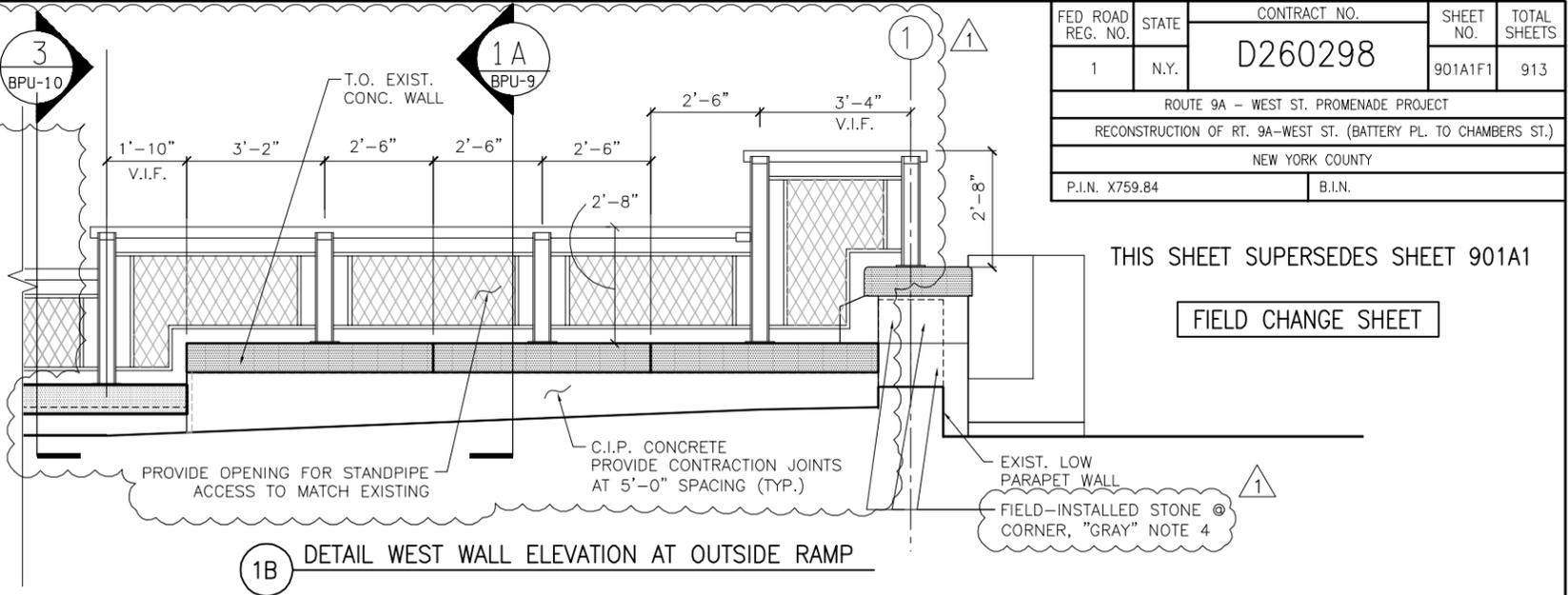
**STONE TYPE LEGEND:**  
 "BLACK" - CAMBRIAN BLACK, FLAMED & BRUSHED FINISH  
 "GRAY" - BLUE-GRAY, THERMAL FINISH

FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D260298	901A1F1	913
ROUTE 9A - WEST ST. PROMENADE PROJECT				
RECONSTRUCTION OF RT. 9A-WEST ST. (BATTERY PL. TO CHAMBERS ST.)				
NEW YORK COUNTY				
P.I.N. X759.84		B.I.N.		

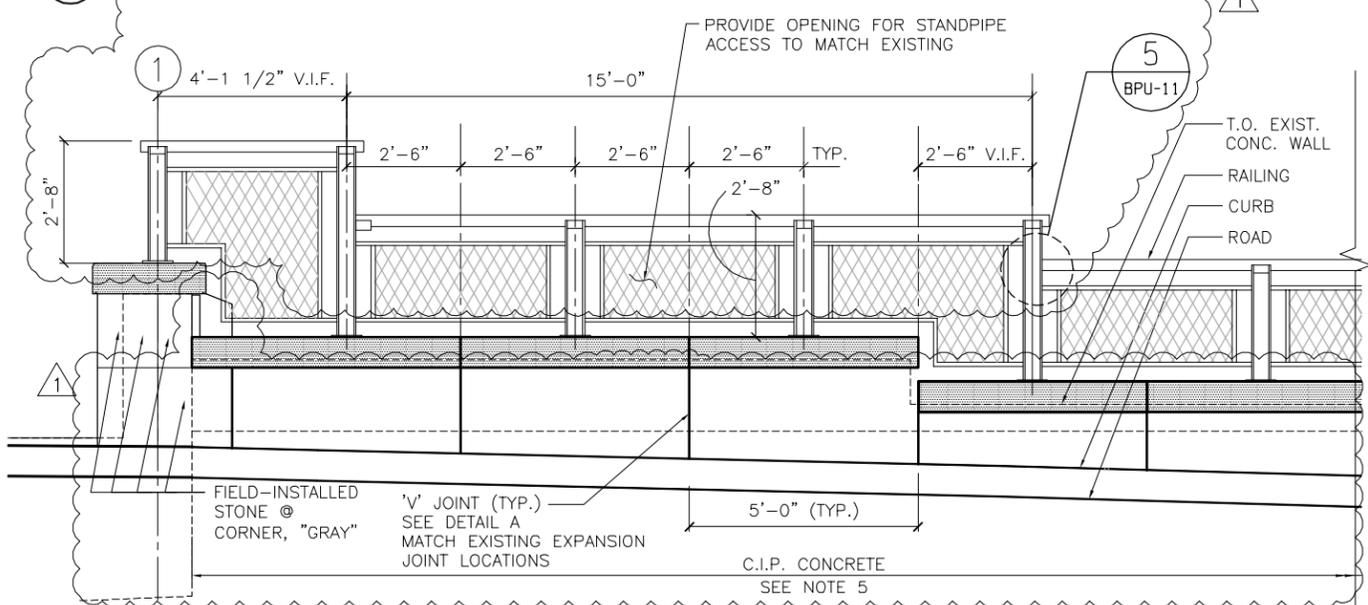
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 FIELD CHANGE SHEET



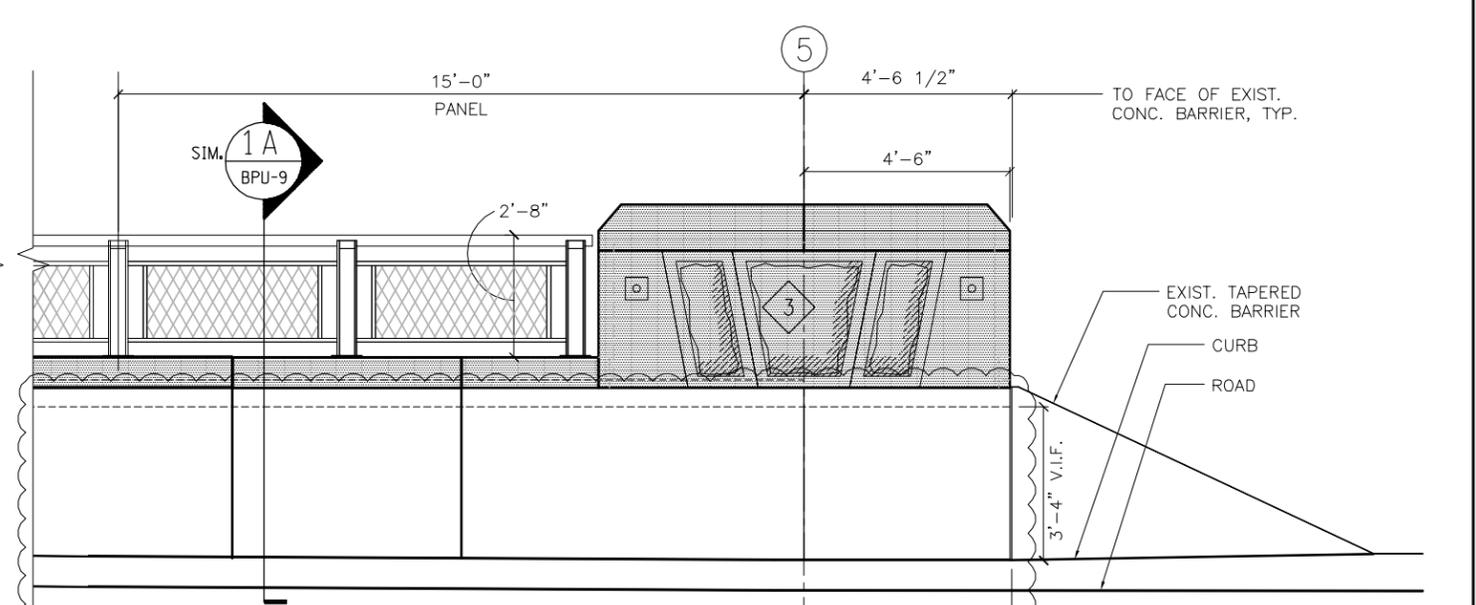
1A DETAIL WEST WALL ELEVATION AT OUTSIDE RAMP



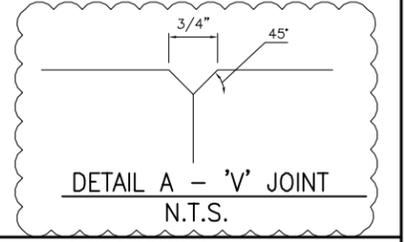
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2A DETAIL EAST WALL ELEVATION AT OUTSIDE RAMP

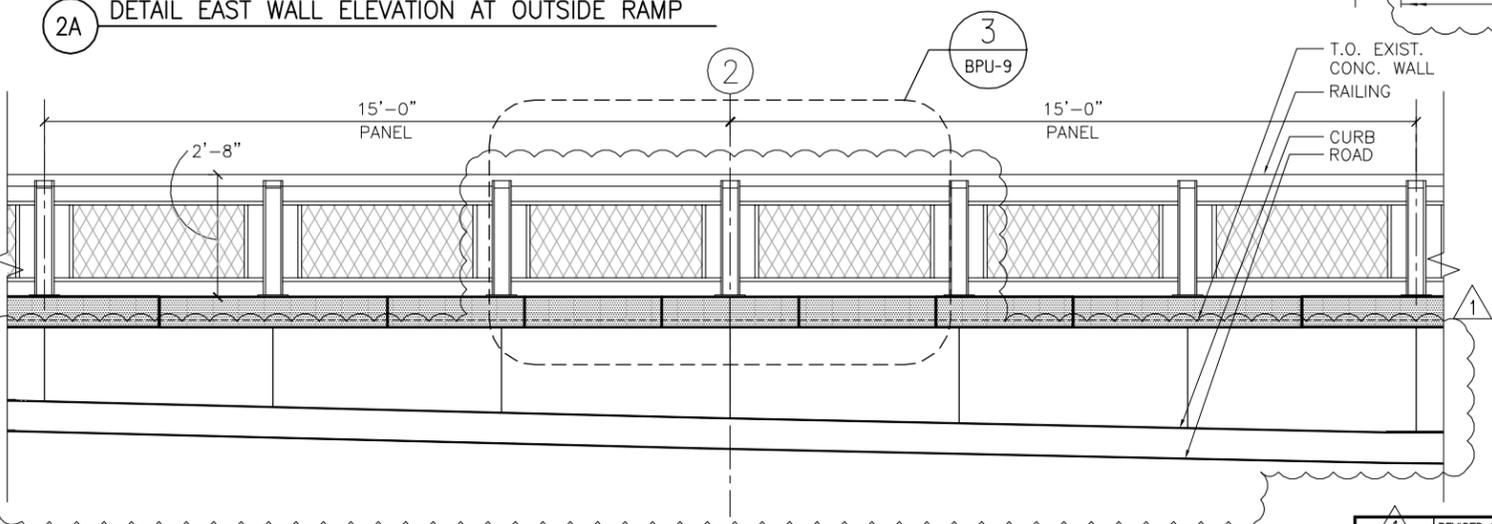
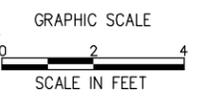


2B DETAIL EAST WALL ELEVATION AT OUTSIDE RAMP



DETAIL A - 'V' JOINT  
N.T.S.

- NOTES:**
- EXISTING CONDUITS TO BE TEMPORARILY SUPPORTED TO ALLOW INSTALLATION OF PANELS.
  - SEE DWG BPU-14 FOR TYPES OF STONE VENEER PANELS.
  - PRECAST PANELS, PILASTERS STEMS, COPING STONES, AND C.I.P. STONE PAID FOR UNDER ITEM 40560.3112. PILASTER CAPS TO BE PAID FOR UNDER ITEM 40560.36.
  - USE ST. STL. DOWELS @ BOTTOM (2 PER STONE) & ST. STL. STRAP/WIRE HOOK /ROD CLAMP @ TOP (2 PER STONE), TYP.
  - C.I.P. CONCRETE PAID FOR UNDER ITEM 40555.7294. FORM LINER TREATMENT SHALL BE #T316 FINE SANDBLAST BY CUSTOMROCK OR APPROVED EQUAL.



3 DETAIL OF PILASTER HEAD TYPICAL ELEVATION AT OUTSIDE RAMP

1	REVISED NOTE, CHANGED TO C.I.P. CONCRETE, ADDED DETAIL A, DELETED PILASTER HEADS	05/08/2012
NO.	DESCRIPTIONS	DATE
	REVISIONS	



STATE OF NEW YORK  
 DEPARTMENT OF TRANSPORTATION

FILENAME: x01322bpu-4\_plt REGION: 11 DATE: 03/26/2012 DRAWING NO.: BPU-4

BATTERY PARK UNDERPASS  
 APPROACH WALLS  
 DETAIL ELEVATIONS - 1

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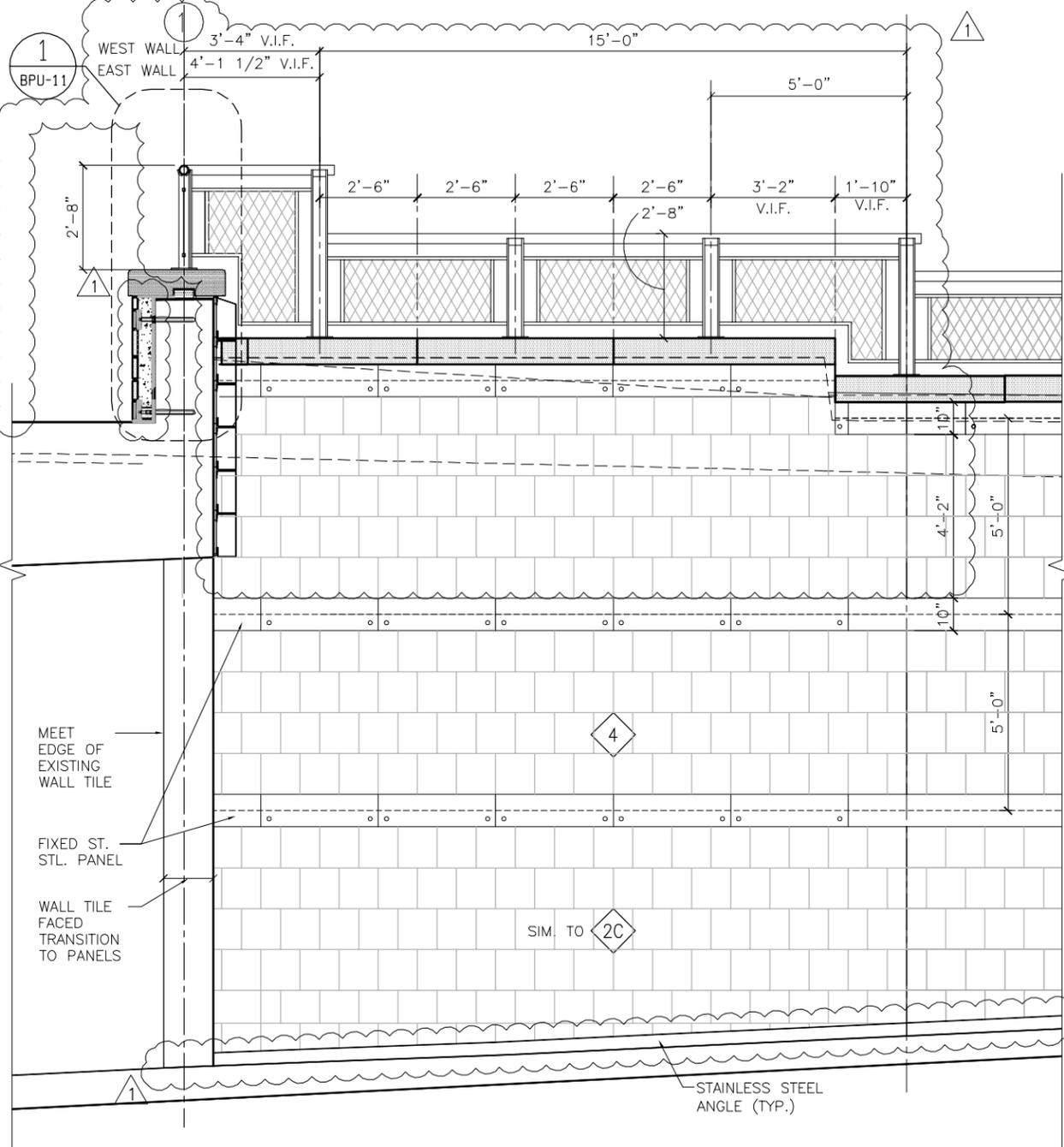
DESIGN SUPERVISOR NS JOB MANAGER AM  
 DESIGNED BY AM CHECKED BY BR/JIM  
 ESTIMATED BY AM CHECKED BY WH  
 DRAFTED BY BR/MS/PK CHECKED BY BR

STONE TYPE LEGEND:  
 "BLACK" - CAMBRIAN BLACK, FLAMED & BRUSHED FINISH  
 "GRAY" - BLUE-GRAY, THERMAL FINISH

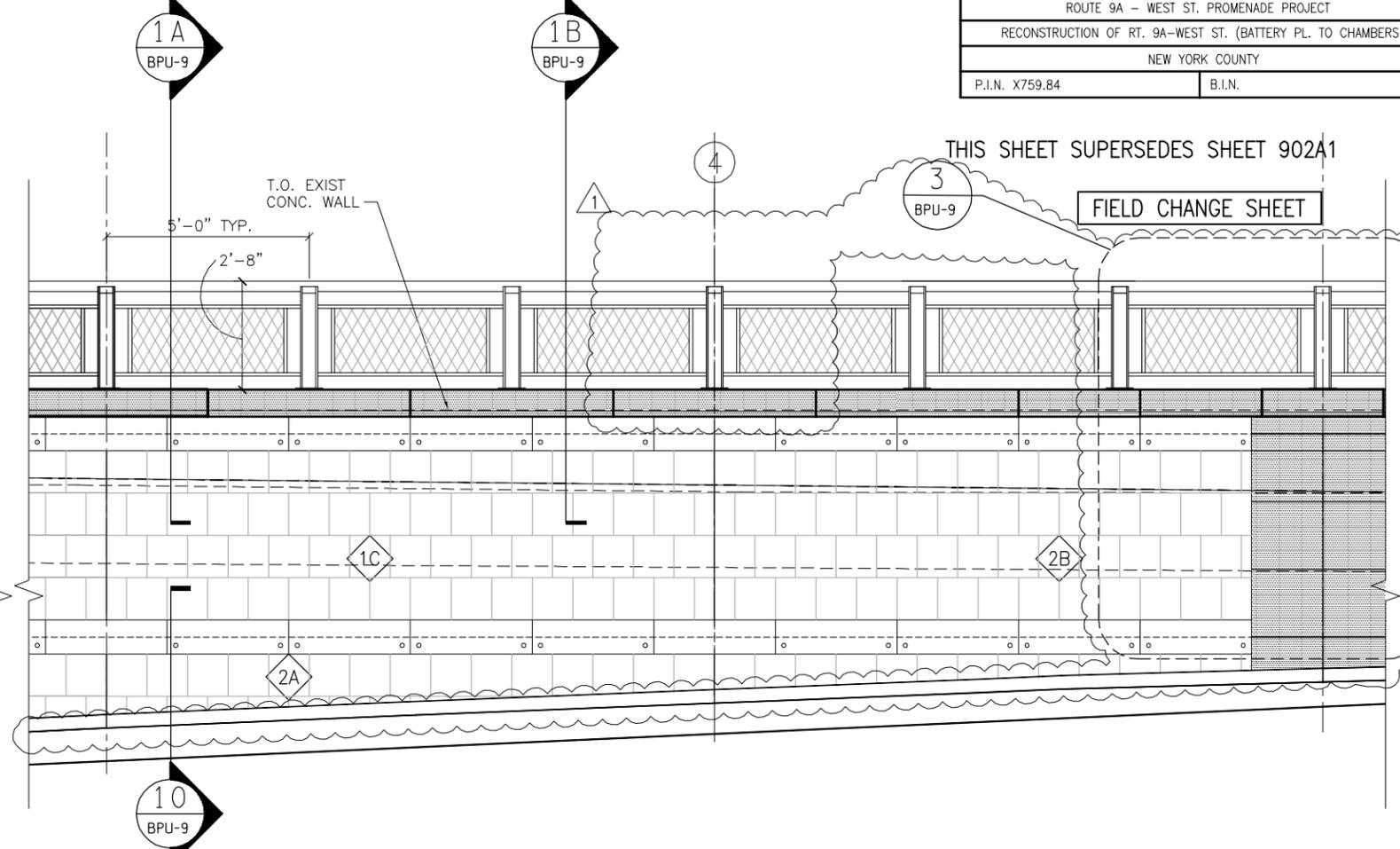
FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D260298	902A1F1	913
ROUTE 9A - WEST ST. PROMENADE PROJECT				
RECONSTRUCTION OF RT. 9A-WEST ST. (BATTERY PL. TO CHAMBERS ST.)				
NEW YORK COUNTY				
P.I.N. X759.84		B.I.N.		

THIS SHEET SUPERSEDES SHEET 902A1

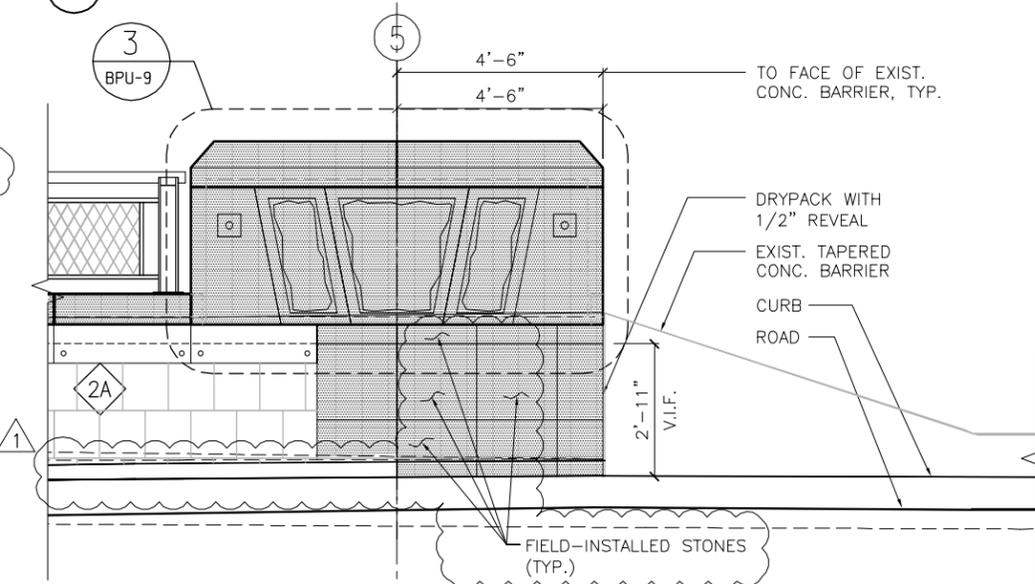
FIELD CHANGE SHEET



1 WEST WALL INSIDE RAMP ELEVATION

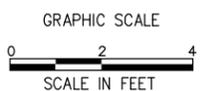


2 DETAIL OF PILASTER HEAD TYPICAL ELEVATION AT INSIDE RAMP



3 DETAIL OF PILASTER HEAD TYPICAL ELEVATION AT INSIDE RAMP

- NOTES:
- SEE DWG BPU-14 FOR TYPES OF STONE VENEER PANELS.
  - PRECAST PANELS, PILASTERS STEMS, COPING STONES, AND C.I.P. STONE PAID FOR UNDER ITEM 40560.3112. PILASTER CAPS TO BE PAID FOR UNDER ITEM 40560.36.



AS BUILT REVISIONS

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

BATTERY PARK UNDERPASS  
 APPROACH WALLS  
 DETAIL ELEVATIONS - 2

STATE OF NEW YORK  
 DEPARTMENT OF TRANSPORTATION

FILENAME: x01322bpu-5\_plt REGION: 11 DATE: 03/26/2012 DRAWING NO.: BPU-5

NO.	DESCRIPTIONS	DATE
1	CHANGED TO S.S. ANGLE AND WALL ELEVATION, DELETED PILASTER HEADS	05/08/2012
	REVISIONS	



STONE TYPE LEGEND:

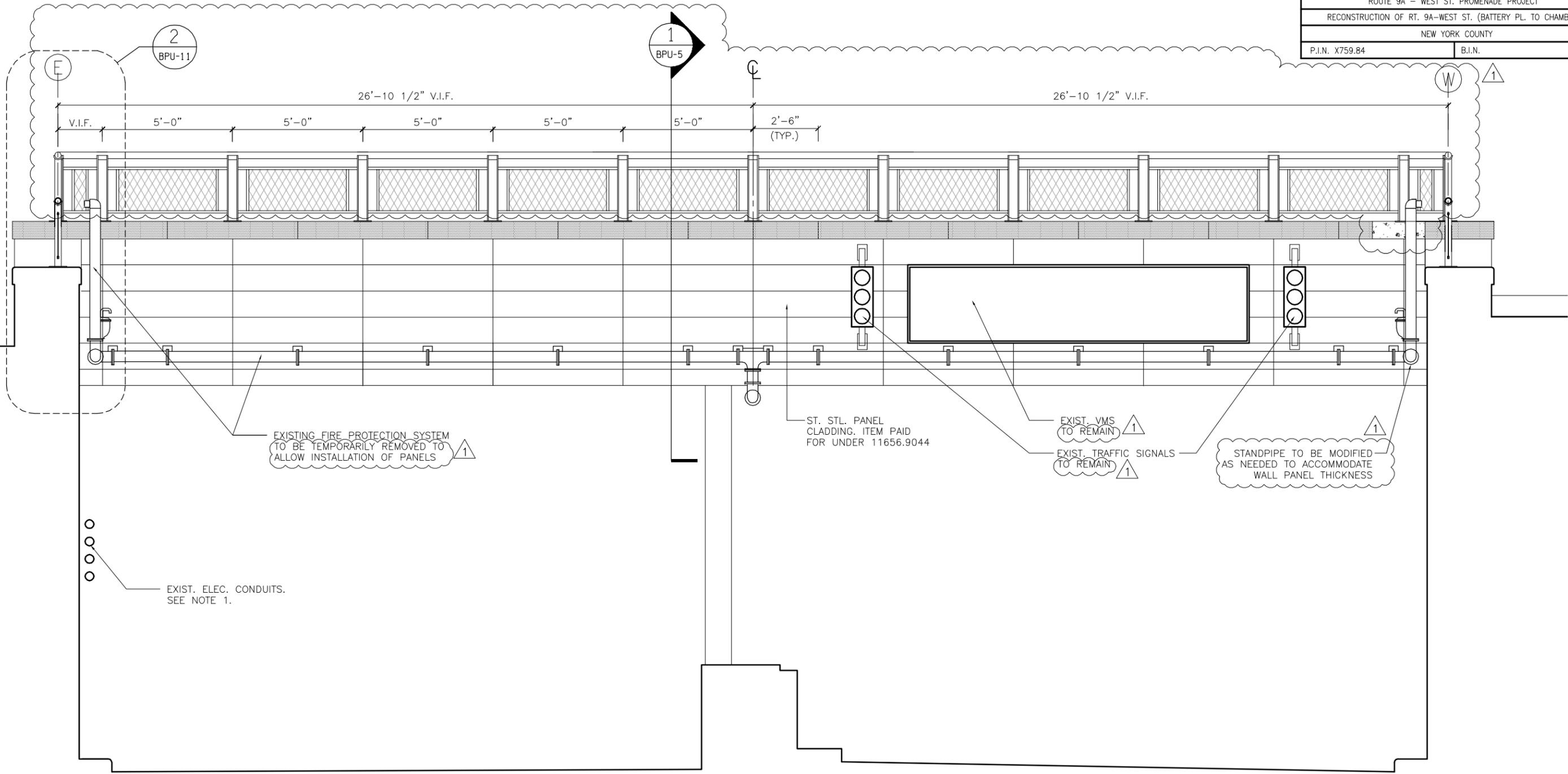
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-  "GRAY" - BLUE-GRAY, THERMAL FINISH

THIS SHEET SUPERSEDES SHEET 903A1

FIELD CHANGE SHEET

FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D260298	903A1F1	913
ROUTE 9A - WEST ST. PROMENADE PROJECT				
RECONSTRUCTION OF RT. 9A-WEST ST. (BATTERY PL. TO CHAMBERS ST.)				
NEW YORK COUNTY				
P.I.N. X759.84			B.I.N.	

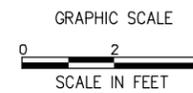
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 DRAFTED BY  
 WH  
 ESTIMATED BY  
 AM  
 CHECKED BY  
 BR/JM  
 DESIGNED BY  
 AM  
 JOB MANAGER  
 NS  
 SUPERVISOR



1 DETAIL PORTAL ELEVATION AT INSIDE RAMP

NOTES:

1. EXISTING CONDUITS TO BE RELOCATED.



NO.	DESCRIPTIONS REVISIONS	DATE
1	CHANGED NOTE AND PANELS	05/08/2012



AS BUILT REVISIONS

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

BATTERY PARK UNDERPASS  
APPROACH WALLS  
DETAIL ELEVATIONS - 3

STATE OF NEW YORK  
DEPARTMENT OF TRANSPORTATION

FILENAME x01322bpu-6_plt	REGION 11	DATE 03/26/2012	DRAWING NO. BPU-6
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Sheet File: L:\work\100769\Cadd\1.400-Task\Ar\01322bpu-6\_plt REV1\_5-8-12.dwg  
 Date/Time: May 10, 2012, 12:31pm

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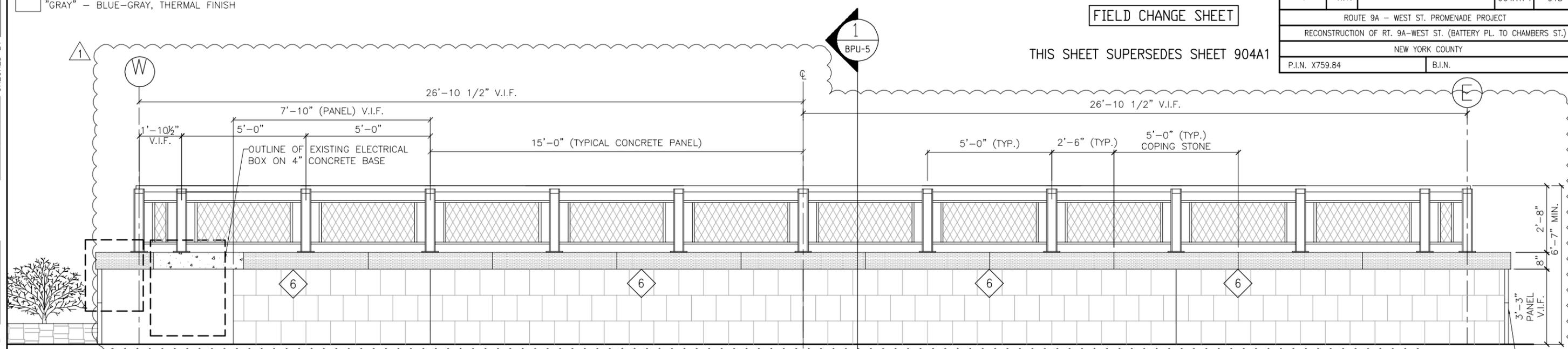
-  "BLACK" - CAMBRIAN BLACK, FLAMED & BRUSHED FINISH
-  "GRAY" - BLUE-GRAY, THERMAL FINISH

FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D260298	904A1F1	913
ROUTE 9A - WEST ST. PROMENADE PROJECT				
RECONSTRUCTION OF RT. 9A-WEST ST. (BATTERY PL. TO CHAMBERS ST.)				
NEW YORK COUNTY				
P.I.N. X759.84			B.I.N.	

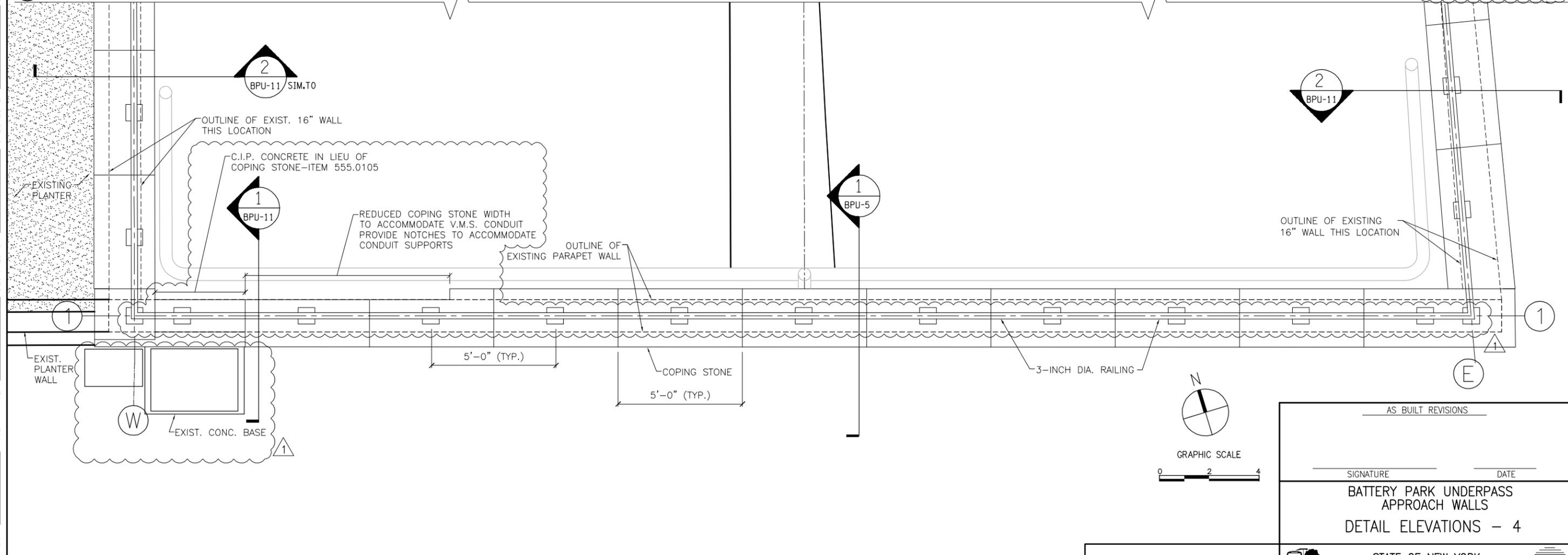
FIELD CHANGE SHEET

THIS SHEET SUPERSEDES SHEET 904A1

BR/MS/PK CHECKED BY  
 BR/JM DESIGNED BY  
 AM JOB MANAGER  
 NS DESIGN SUPERVISOR  
 WH DRAFTED BY  
 AM ESTIMATED BY  
 BR/MS/PK CHECKED BY  
 BR/JM DESIGNED BY  
 AM JOB MANAGER  
 NS DESIGN SUPERVISOR



1 TUNNEL PORTAL WALL ELEVATION AT OUTSIDE RAMP



2 TUNNEL PORTAL (ABOVE TUNNEL ENTRANCE) PARTIAL PLAN

NO.	DESCRIPTIONS REVISIONS	DATE
1	CHANGED PARTIAL ELEVATION-REMOVED BASE FILLER STONES, ADDED NOTE	05/08/2012



AS BUILT REVISIONS			
SIGNATURE		DATE	
BATTERY PARK UNDERPASS APPROACH WALLS			
DETAIL ELEVATIONS - 4			
STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION			
FILENAME	REGION	DATE	DRAWING NO.
x01322bpu-7_plt	11	03/26/2012	BPU-7

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Date/Time: Jun 06, 2012, 4:06pm

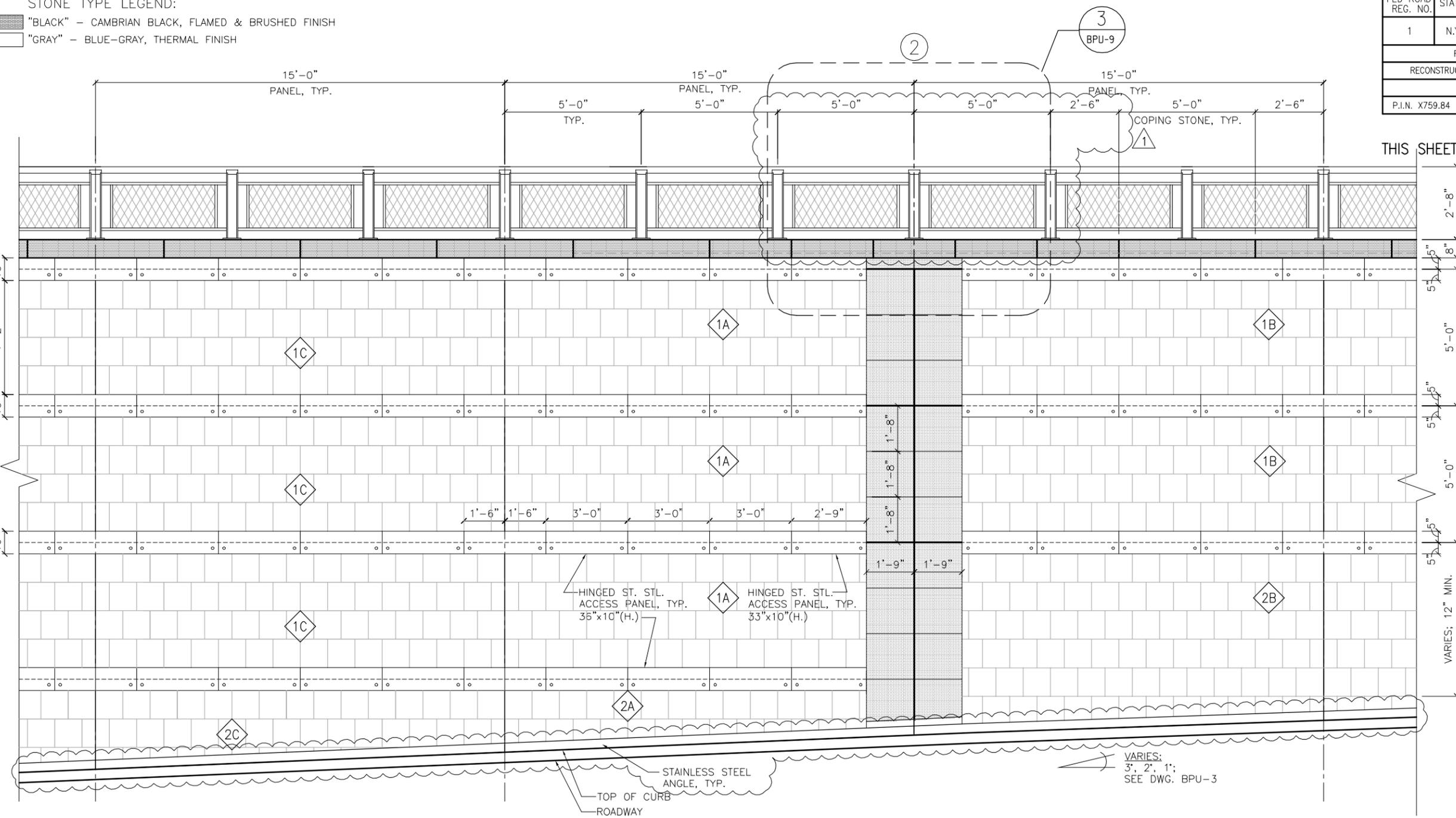
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 "BLACK" - CAMBRIAN BLACK, FLAMED & BRUSHED FINISH  
 "GRAY" - BLUE-GRAY, THERMAL FINISH

FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D260298	905A1F1	913
ROUTE 9A - WEST ST. PROMENADE PROJECT				
RECONSTRUCTION OF RT. 9A-WEST ST. (BATTERY PL. TO CHAMBERS ST.)				
NEW YORK COUNTY				
P.I.N. X759.84		B.I.N.		

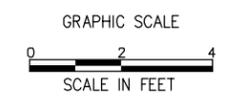
THIS SHEET SUPERSEDES SHEET 905A1

FIELD CHANGE SHEET



1 TYPICAL STONE VENEER PANEL ELEVATION (ITEM NO. 40560.3112)

- NOTES:
- EXISTING CONDUITS TO BE RELOCATED TO ALLOW INSTALLATION OF PANELS.
  - SEE DWG BPU-14 FOR TYPES OF STONE VENEER PANELS.
  - PRECAST PANELS, PILASTERS STEMS, COPING STONES, AND C.I.P. STONE PAID FOR UNDER ITEM 40560.3112. PILASTER CAPS TO BE PAID FOR UNDER ITEM 40560.36.
  - HINGED STAINLESS STEEL PANELS PAID FOR UNDER ITEM 40656.01



NO.	DESCRIPTIONS	DATE
1	CHANGED TO S.S. ANGLE, DELETED PILASTER HEADS	05/08/2012



AS BUILT REVISIONS	
SIGNATURE	DATE
BATTERY PARK UNDERPASS APPROACH WALLS DETAIL ELEVATIONS - 5	
STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION	
FILENAME x01322bpu-8_pt	REGION 11
DATE 03/26/2012	DRAWING NO. BPU-8

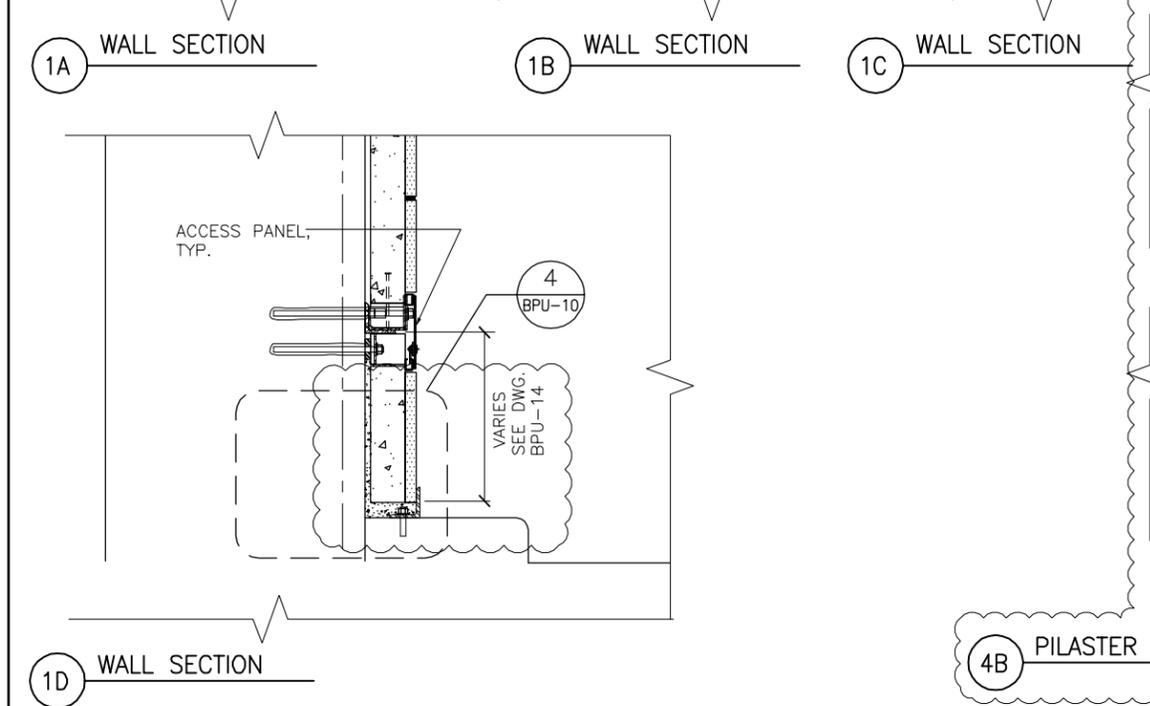
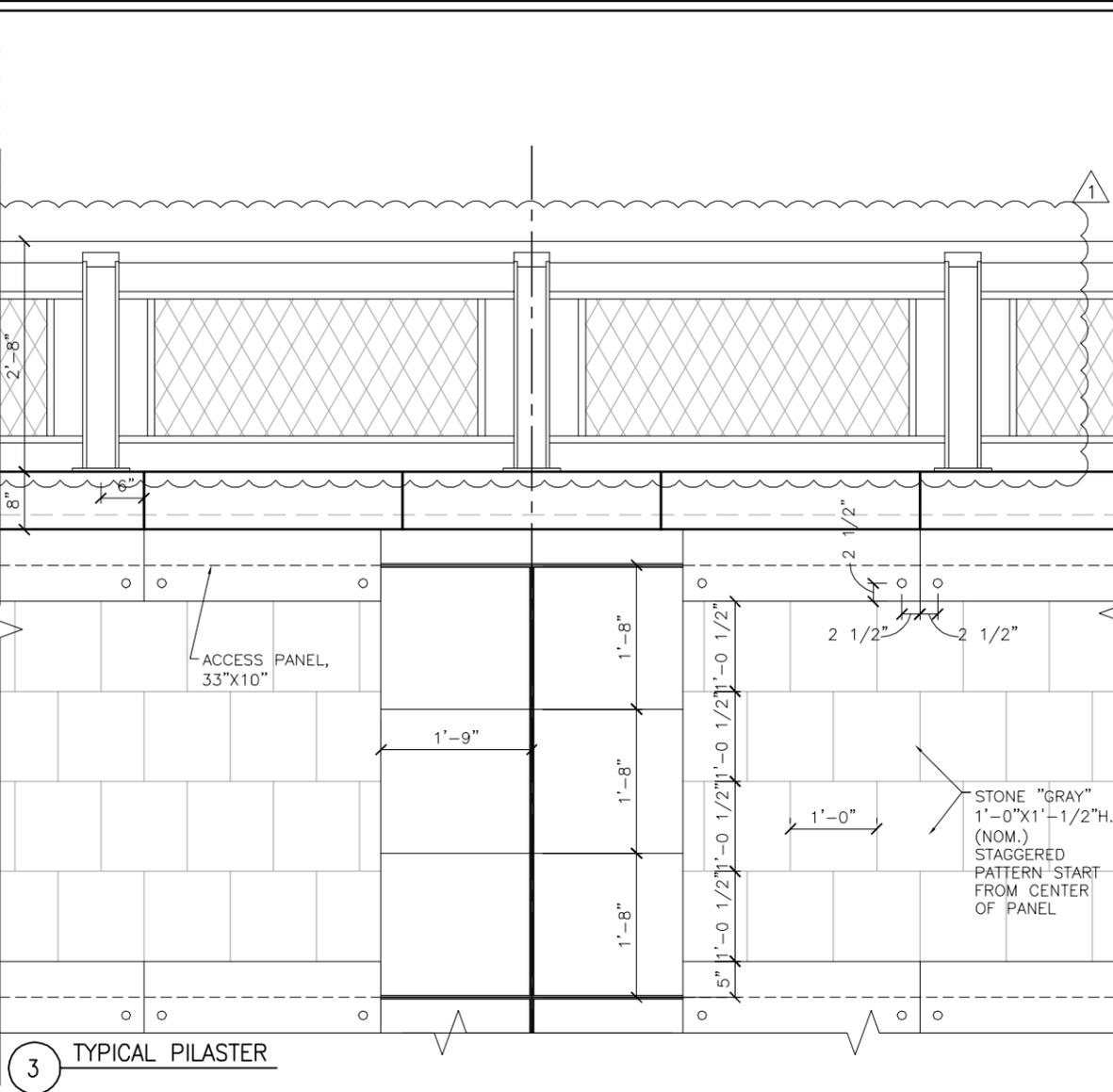
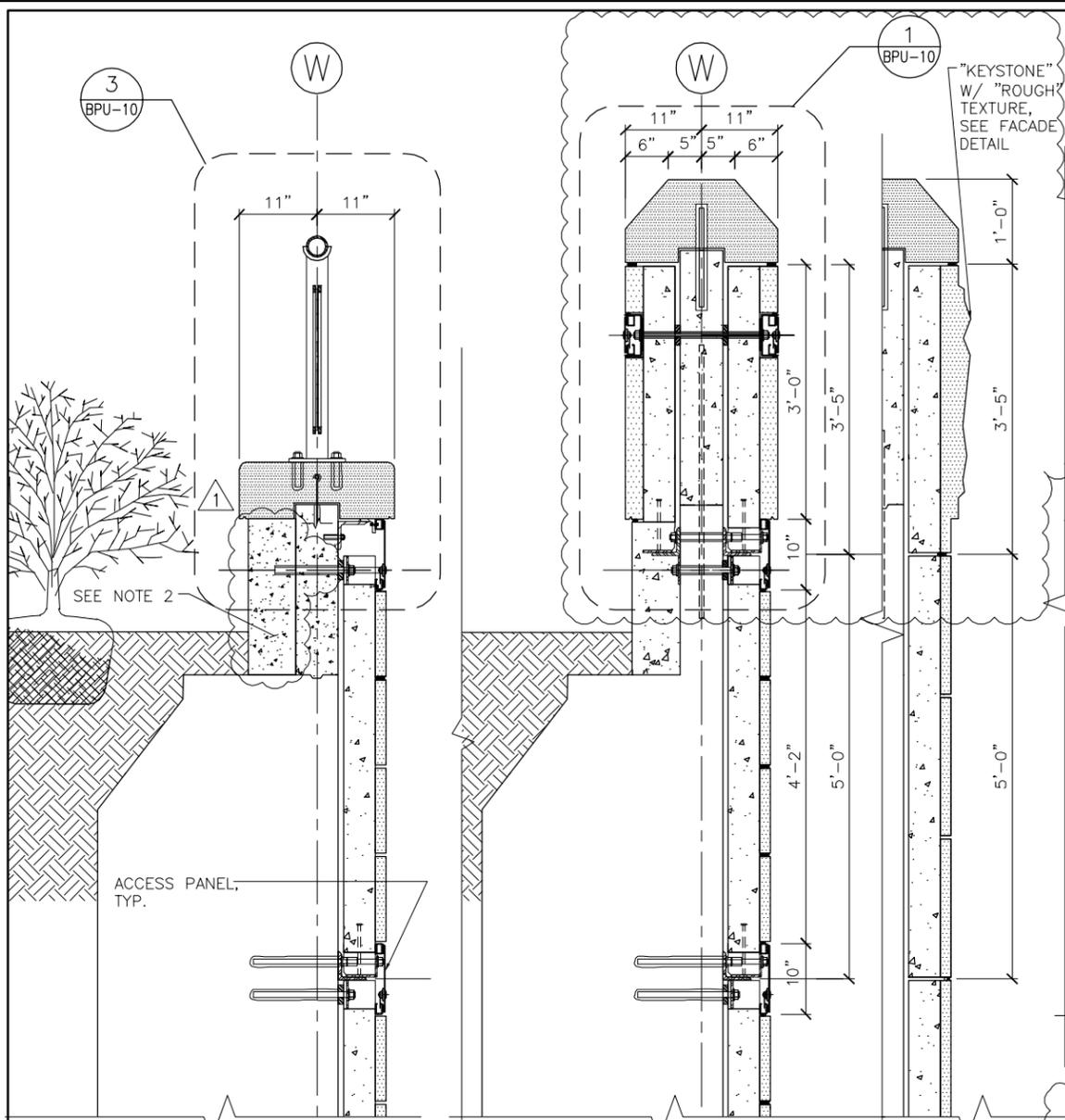
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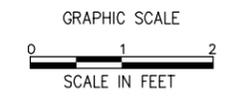
FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D260298	906A1F1	913
ROUTE 9A - WEST ST. PROMENADE PROJECT				
RECONSTRUCTION OF RT. 9A-WEST ST. (BATTERY PL. TO CHAMBERS ST.)				
NEW YORK COUNTY				
P.I.N. X759.84		B.I.N.		

THIS SHEET SUPERSEDES SHEET 906A1

FIELD CHANGE SHEET



NOTE:  
 1. ALL DIMS ARE NOMINAL TO  $\phi$  OF JOINTS  
 2. C.I.P. CONC. PAID FOR UNDER ITEM NO. 40555.7294.



AS BUILT REVISIONS

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

BATTERY PARK UNDERPASS  
 APPROACH WALLS  
 DETAILS & SECTIONS - 1

STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION		DRAWING NO. BPU-9	
FILENAME x01322bpu-9_pt	REGION 11	DATE 03/26/2012	

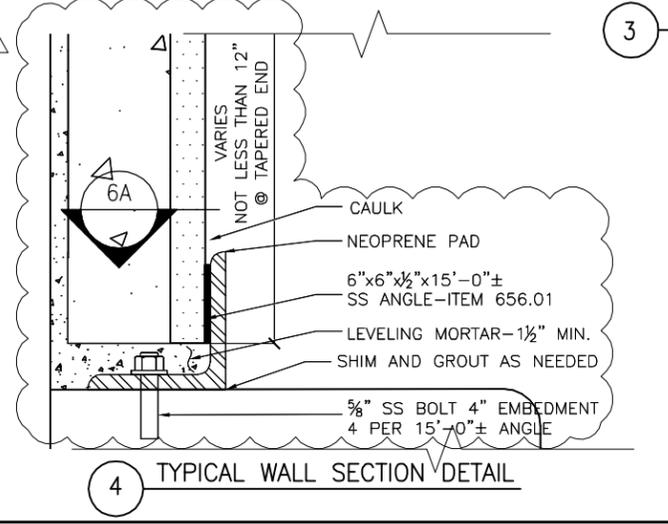
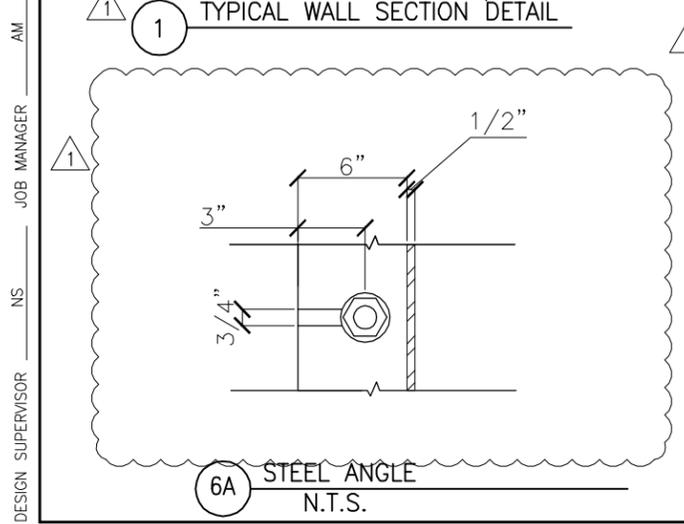
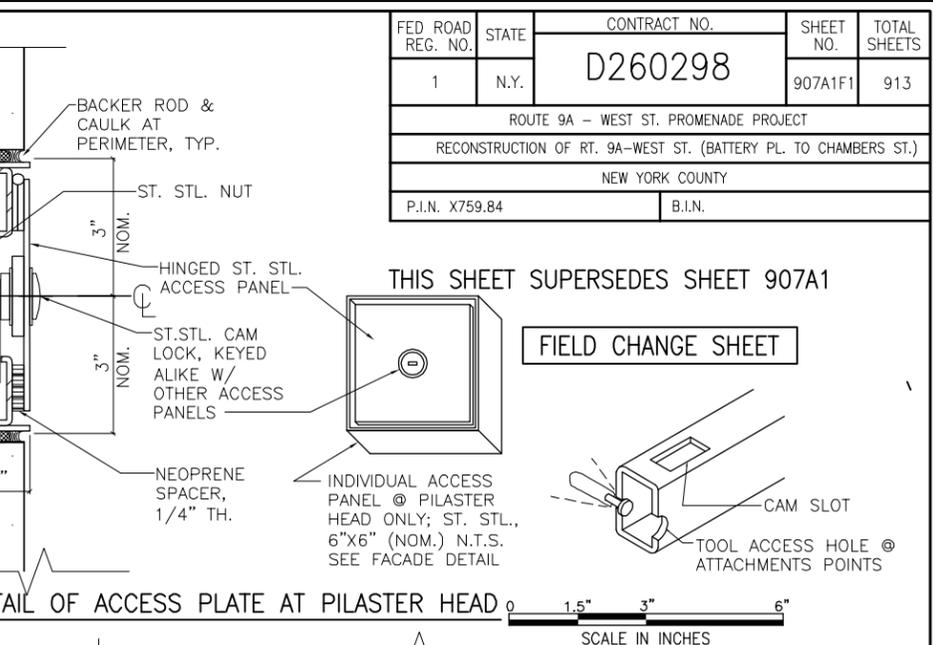
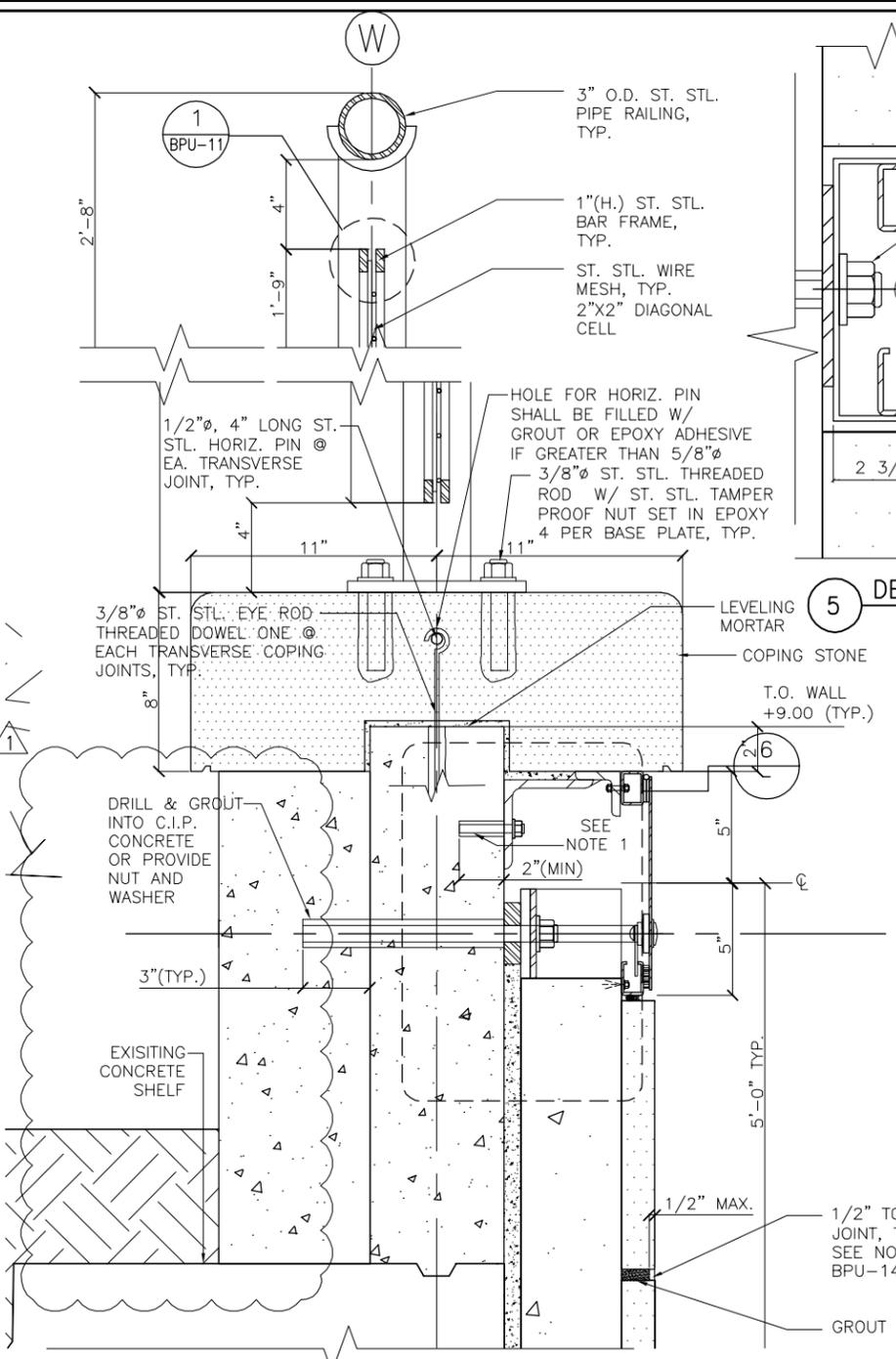
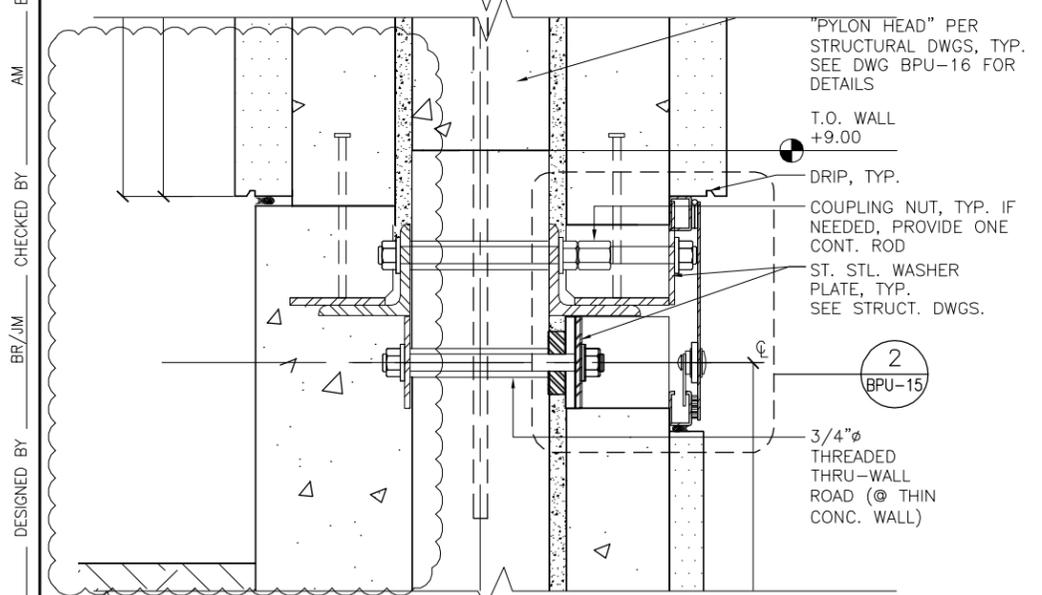
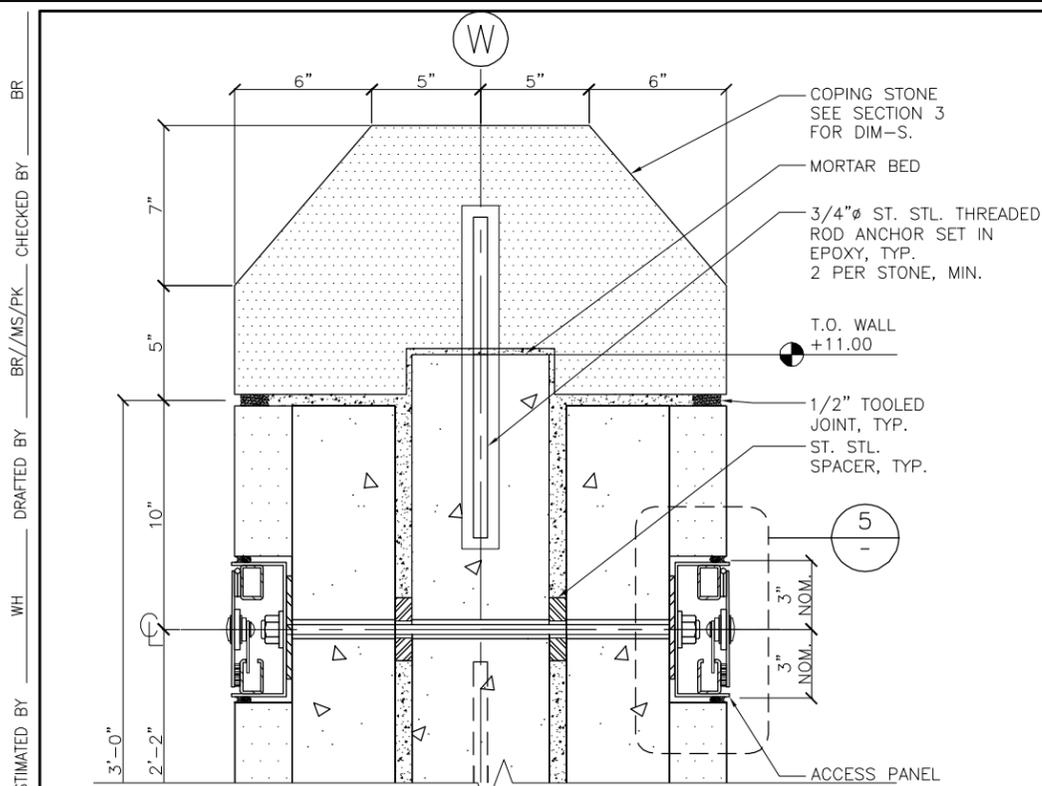
NO.	DESCRIPTIONS	DATE
1	REVISED NOTE, CHANGED TO C.I.P. CONCRETE	05/08/2012



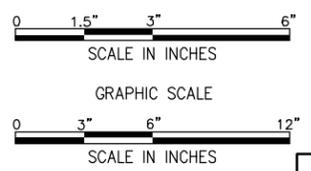
FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D260298	907A1F1	913
ROUTE 9A - WEST ST. PROMENADE PROJECT				
RECONSTRUCTION OF RT. 9A-WEST ST. (BATTERY PL. TO CHAMBERS ST.)				
NEW YORK COUNTY				
P.I.N. X759.84		B.I.N.		

THIS SHEET SUPERSEDES SHEET 907A1

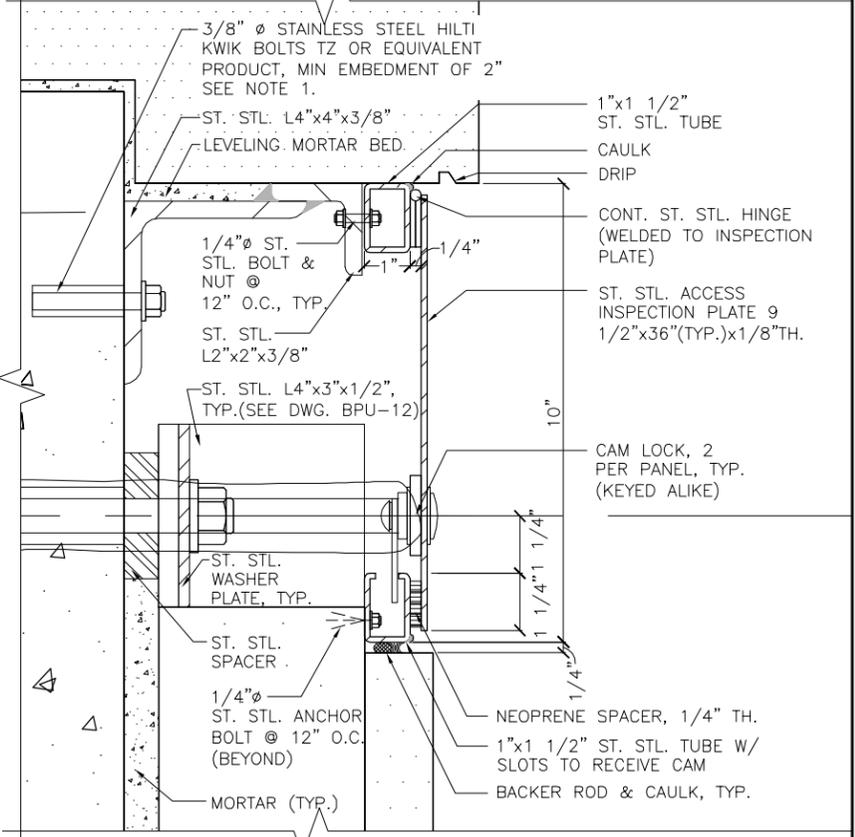
FIELD CHANGE SHEET



- NOTES:
- PROVIDE 3 BOLTS PER 33" OR 36" ACCESS PANEL, 2 PER 18" ACCESS PANEL
  - FOR C.I.P. STONE, SEE DETAIL ON DWG. NO. BPU-16



NO.	DESCRIPTIONS	DATE
1	CHANGED TO TYPICAL WALL SECTION DETAIL, ADDED DETAIL 6A	05/08/2012



AS BUILT REVISIONS

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

BATTERY PARK UNDERPASS APPROACH WALLS  
DETAILS & SECTIONS - 2

STATE OF NEW YORK  
DEPARTMENT OF TRANSPORTATION

FILENAME	REGION	DATE	DRAWING NO.
	11	03/26/2012	BPU-10



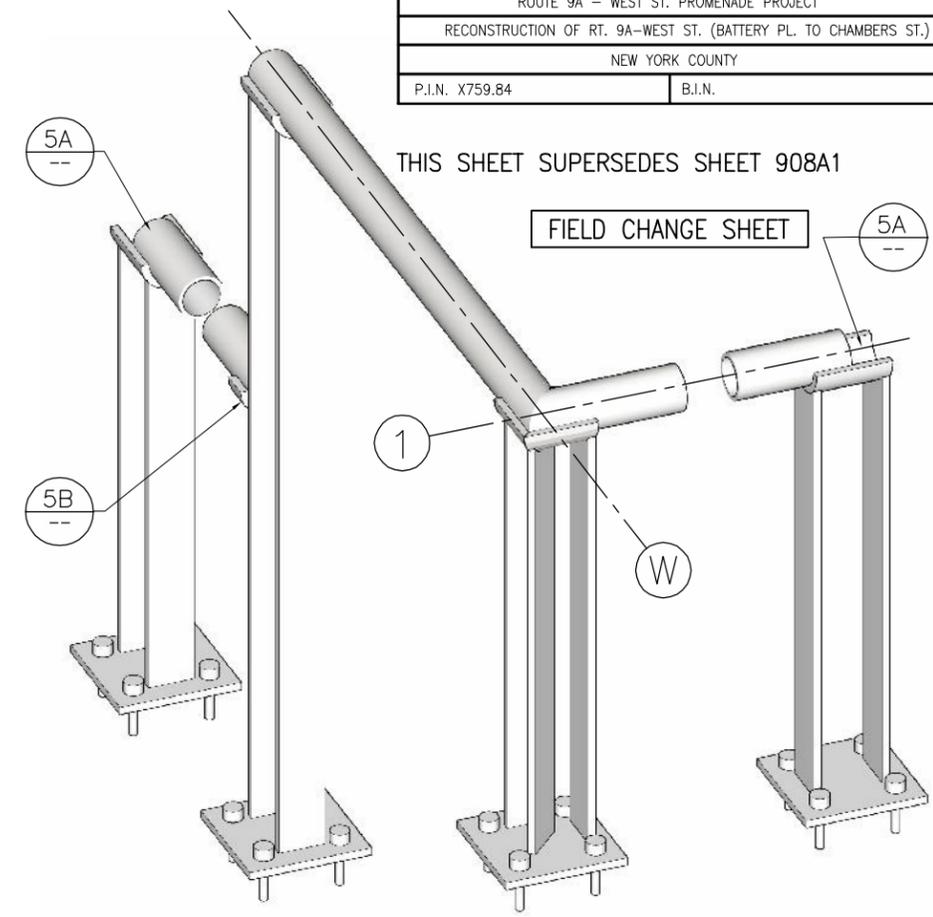
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Date/Time: May 15, 2012, 1:28pm

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FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D260298	908A1F1	913
ROUTE 9A - WEST ST. PROMENADE PROJECT				
RECONSTRUCTION OF RT. 9A-WEST ST. (BATTERY PL. TO CHAMBERS ST.)				
NEW YORK COUNTY				
P.I.N. X759.84			B.I.N.	

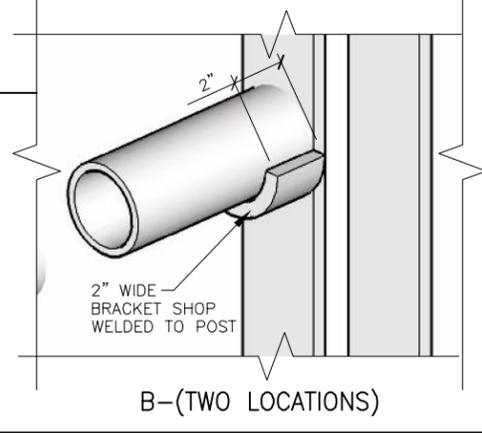
THIS SHEET SUPERSEDES SHEET 908A1

FIELD CHANGE SHEET

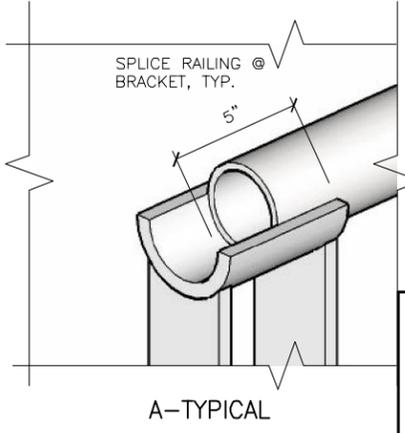


4 RAILING POSTS @ W-1 (SIMILAR @ E-1, SYMMETRICAL)  
AXONOMETRIC VIEW, N.T.S.

5 BRACKET DETAIL  
AXONOMETRIC VIEW, N.T.S.



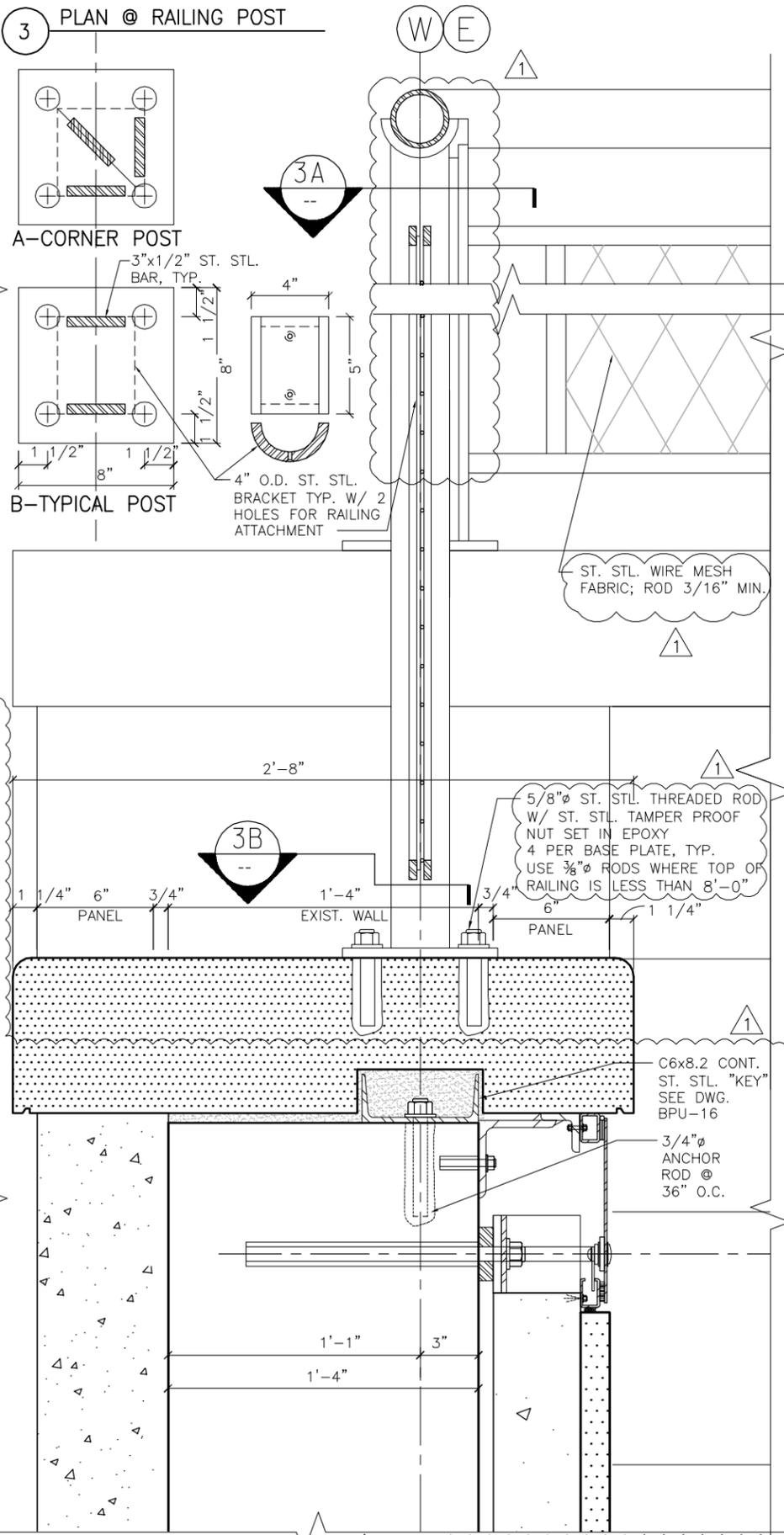
B-(TWO LOCATIONS)



A-TYPICAL



STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION			
FILENAME x01322bpu-11_plt	REGION 11	DATE 03/26/2012	DRAWING NO. BPU-11

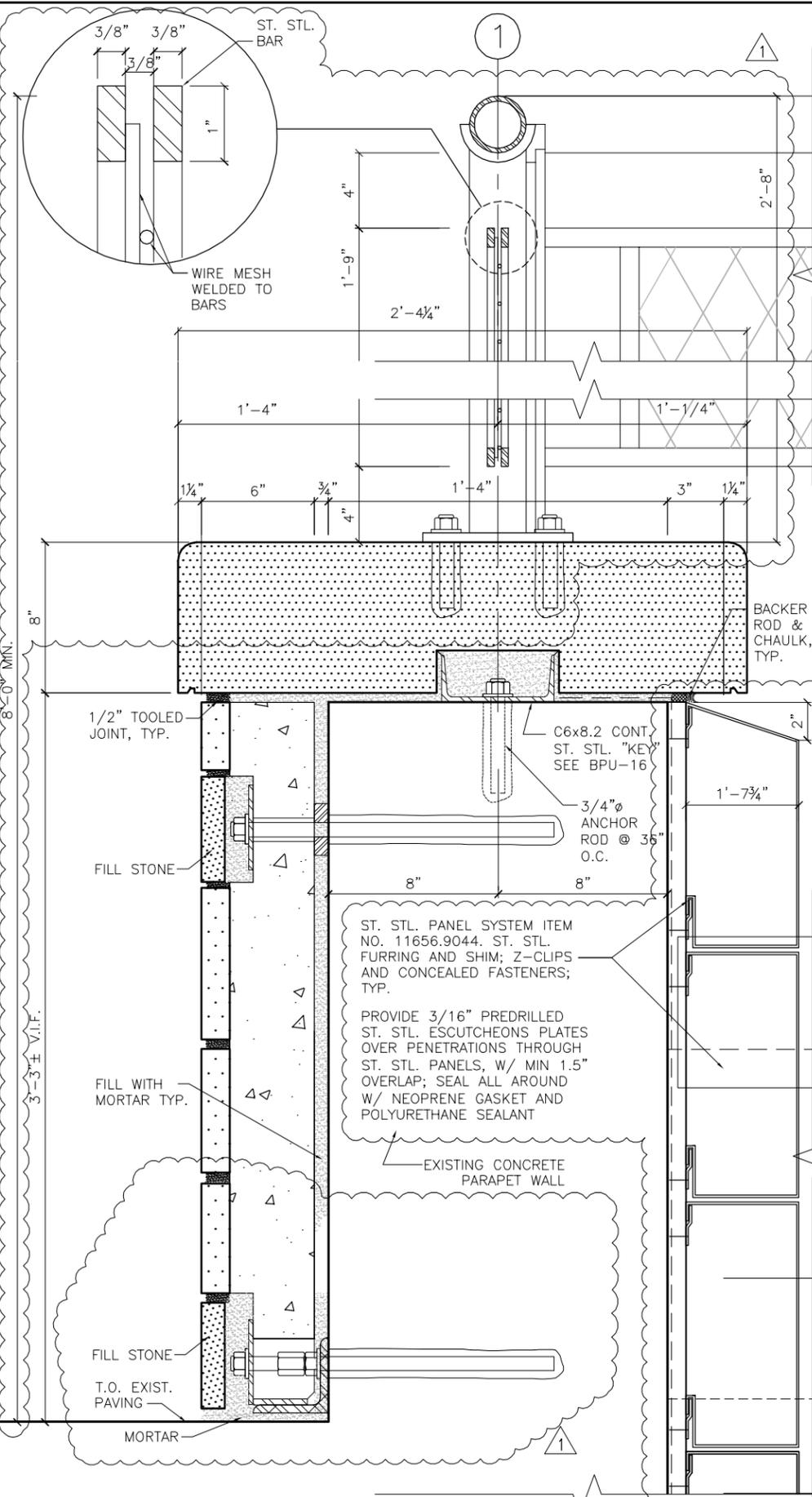


A-CORNER POST

B-TYPICAL POST

3A

3B



1 TYPICAL DETAIL (ITEM NO. 40560.3112)  
N.T.S.

2 TYPICAL DETAIL (ITEM NO. 40560.3112)  
N.T.S.

CHANGES IN TYPICAL DETAILS		
NO.	DESCRIPTIONS	DATE
1		05/08/2012

Sheet File: L:\work\100769\Cadd\A\01322bpu-11\_plt\_REV1\_5-8-12.dwg  
 Date/Time: May 10, 2012, 12:36pm  
 DESIGN SUPERVISOR NS  
 JOB MANAGER AM  
 DESIGNED BY BR/JM  
 CHECKED BY BR/JM  
 ESTIMATED BY AM  
 DRAFTED BY WH  
 CHECKED BY BR/MS/PK  
 BR/MS/PK  
 CHECKED BY BR/MS/PK

Sheet File: L:\work\100769\Cadd\A\1.400-Task\A\X01322bpu-12\_plt\_5-8-12.dwg  
Date/Time: May 10, 2012, 12:37pm

DESIGN SUPERVISOR NS JOB MANAGER AM DESIGNED BY BR/JM CHECKED BY AM ESTIMATED BY WH DRAFTED BY BR/MS/PK CHECKED BY BR

**STONE TYPE LEGEND:**

- "BLACK" - CAMBRIAN BLACK, FLAMED & BRUSHED FINISH
- "GRAY" - BLUE-GRAY, THERMAL FINISH

NEW CONC. WALL EXTENSION, SEE DWG. BPU-16 FOR DETAILS

PANEL TYPE 3, "BLACK" SEE DWG. BPU-9

ATTACHMENT TYPE 3

C.I.P. SIDE STONE, "BLACK" ATTACH TO CONC. WALL W/ ST. STL. DOWELS @ BOTTOM (2 PER STONE) & ST. STL. STRAP/WIRE HOOK /ROD CLAMP @ TOP (2 PER STONE), TYP.

COPING STONE TYPE 2, "BLACK" 2

STRUCT. REBAR SEE DWG. BPU-16 FOR DETAILS

COPING STONE TYPE 1, 5'-0" LONG, TYP.

ATTACHMENT TYPE 1 1

PANEL TYPE 1A

SUPPORT ANGLE, TYP. SEE DWG. BPU-15

COPING STONE, "BLACK"

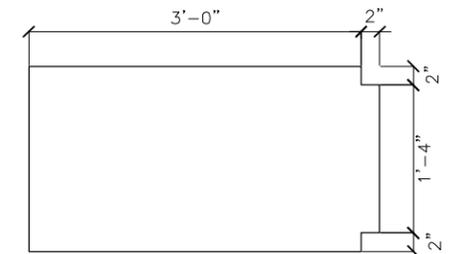
C.I.P. SIDE STONE, "BLACK" ATTACH TO CONC. WALL W/ ST. STL. DOWELS @ BOTTOM (2 PER STONE) & ST. STL. STRAP/WIRE HOOK /ROD CLAMP @ TOP (2 PER STONE), TYP.

ATTACHMENT TYPE

ATTACHMENT TYPE 3

COPING STONE TYPE 1, 5'-0" LONG, TYP. "BLACK" 2

COPING STONE TYPE 2; "BLACK" @ PILASTER HEAD ONLY



2 COPING STONE TYPE 2 - PLAN

PANEL TYPE 1B

ACCESS PANEL 36"x10" (H.) TYP.

ACCESS PANEL 33"x10" (H.) (@ PILASTER ONLY)

1 PANEL SYSTEM COMPONENTS "EXPLODED" AXON VIEW FROM ABOVE, N.T.S.

**NOTE:**

1. FOR PANEL TYPES, SEE DWG. BPU-14
2. FOR ATTACHMENT TYPES DETAILS, SEE DWG. BPU-15 & BPU-16
3. STEEL EMBEDDED IN LONG PANELS FOR DWG. CLARITY. SEE DWG. BPU-15 & BPU-16 FOR DETAILS

NO.	DESCRIPTIONS	DATE
1	DELETED PRECAST PANEL ON OUTSIDE AND PILASTER HEAD	05/08/2012



FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D260298	909A1F1	913
ROUTE 9A - WEST ST. PROMENADE PROJECT				
RECONSTRUCTION OF RT. 9A-WEST ST. (BATTERY PL. TO CHAMBERS ST.)				
NEW YORK COUNTY				
P.I.N. X759.84			B.I.N.	

THIS SHEET SUPERSEDES SHEET 909A1

FIELD CHANGE SHEET

AS BUILT REVISIONS			
SIGNATURE		DATE	
BATTERY PARK UNDERPASS APPROACH WALLS			
PANEL SYSTEM COMPONENTS - 1			
STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION			
FILENAME	REGION	DATE	DRAWING NO.
x01322bpu-12_plt	11	03/26/2012	BPU-12

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STONE TYPE LEGEND:

-  "BLACK" - CAMBRIAN BLACK, FLAMED & BRUSHED FINISH
-  "GRAY" - BLUE-GRAY, THERMAL FINISH

C.I.P. SIDE STONE, "BLACK"  
 ATTACH TO CONC. WALL W/ ST.  
 STL. DOWELS @ BOTTOM (2  
 PER STONE) & ST. STL.  
 STRAP/WIRE HOOK /ROD CLAMP  
 @ TOP (2 PER STONE), TYP.

ATTACHMENT TYPE 3

COPING STONE TYPE  
 "BLACK"

COPING STONE TYPE 1,  
 5'-0" LONG, TYP.

PANEL TYPE 1A

SHELF ANGLE,  
 SEE DWG. BPU-15

EXIST. CONC. WALL

COPING STONE, "BLACK" W/  
 CONCEALED GROOVE FOR KEYWAY.  
 SEE DWG. BPU-10 FOR DETAILS

PANEL TYPE 3 SEE DWG. BPU-9

ATTACHMENT TYPE 3

C.I.P. SIDE STONE, "BLACK" ATTACH  
 TO CONC. WALL W/ ST. STL.  
 DOWELS @ BOTTOM (2 PER STONE)  
 & ST. STL. STRAP/WIRE HOOK /ROD  
 CLAMP @ TOP (2 PER STONE), TYP.

FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D260298	910A1F1	913
ROUTE 9A - WEST ST. PROMENADE PROJECT				
RECONSTRUCTION OF RT. 9A-WEST ST. (BATTERY PL. TO CHAMBERS ST.)				
NEW YORK COUNTY				
P.I.N. X759.84		B.I.N.		

THIS SHEET SUPERSEDES SHEET 910A1

FIELD CHANGE SHEET

COPING STONE TYPE 2, 3'-2"  
 LONG, SEE DWG. BPU-12 DET. 2

COPING STONE TYPE 1, 5'-0" LONG

ACCESS PANEL 33"x10"  
 (@ PILASTER ONLY)

ACCESS PANEL 36"x10"  
 (TYP.)

NOTES:

1. FOR PANEL TYPES, SEE DWG. BPU-14
2. FOR ATTACHMENT TYPES DETAILS, SEE DWG. BPU-15 & BPU-16
3. STEEL EMBEDDED IN LONG PANELS FOR DWG. CLARITY. SEE DWG. BPU-15 & BPU-16 FOR DETAILS

1 PANEL SYSTEM COMPONENTS  
 "EXPLODED" AXON VIEW FROM BELOW, N.T.S.

NO.	DESCRIPTIONS	DATE
1	DELETED PRECAST PANEL ON OUTSIDE AND PILASTER HEAD	05/08/2012



AS BUILT REVISIONS			
SIGNATURE		DATE	
BATTERY PARK UNDERPASS APPROACH WALLS			
PANEL SYSTEM COMPONENTS - 2			
STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION			
FILENAME	REGION	DATE	DRAWING NO.
x01322bpu-12_plt	11	03/26/2012	BPU-13

Sheet File: L:\work\100769\Cadd\1400-Task\Ar\01322bpu-14\_plt REV\_6-6-12.dwg  
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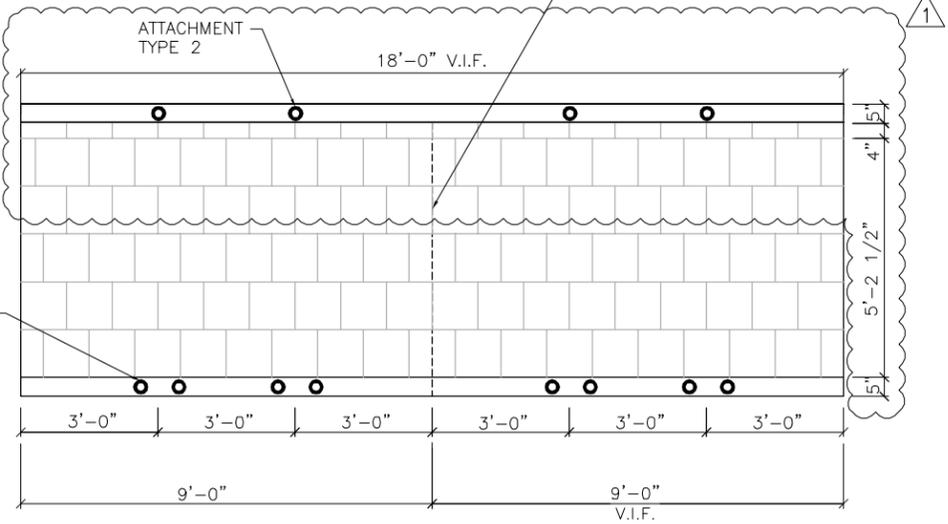
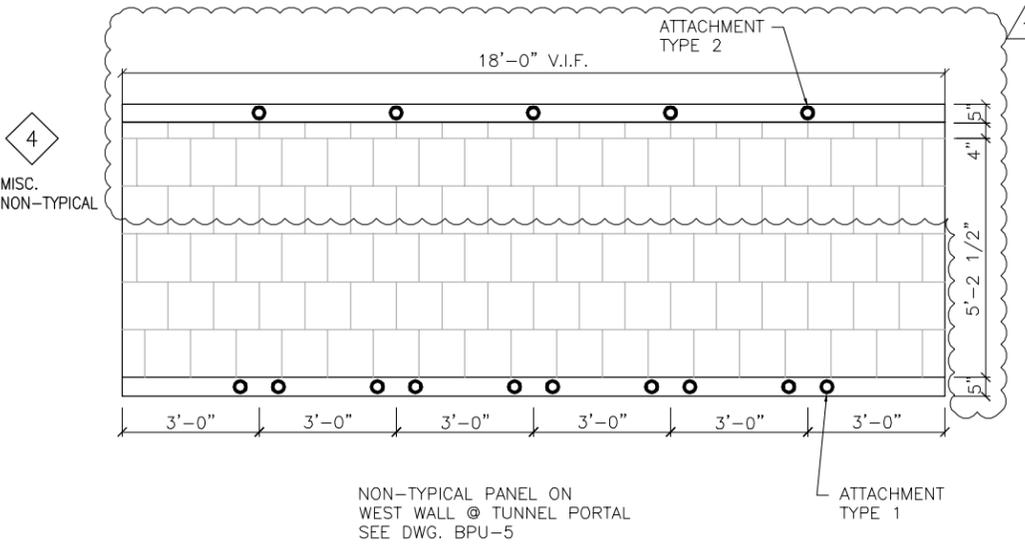
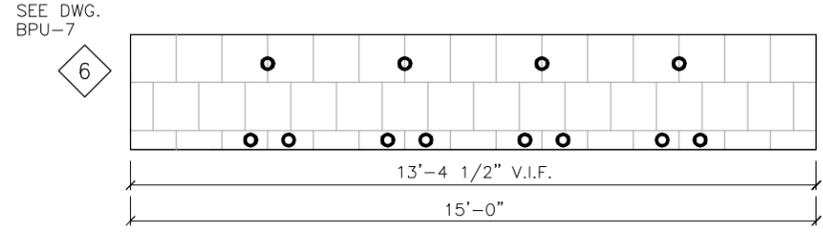
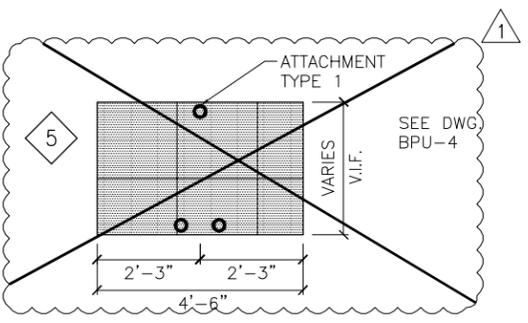
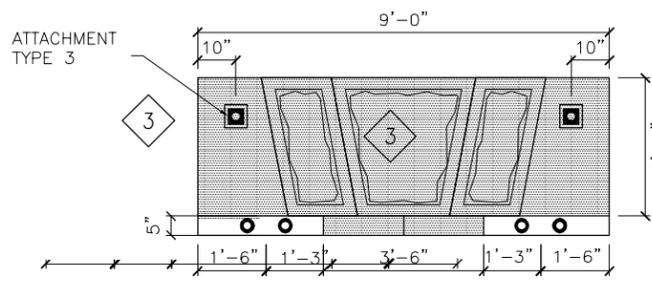
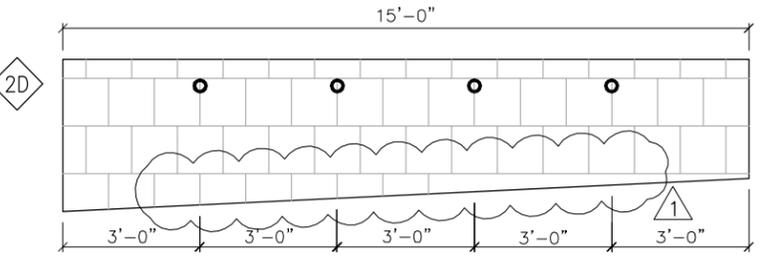
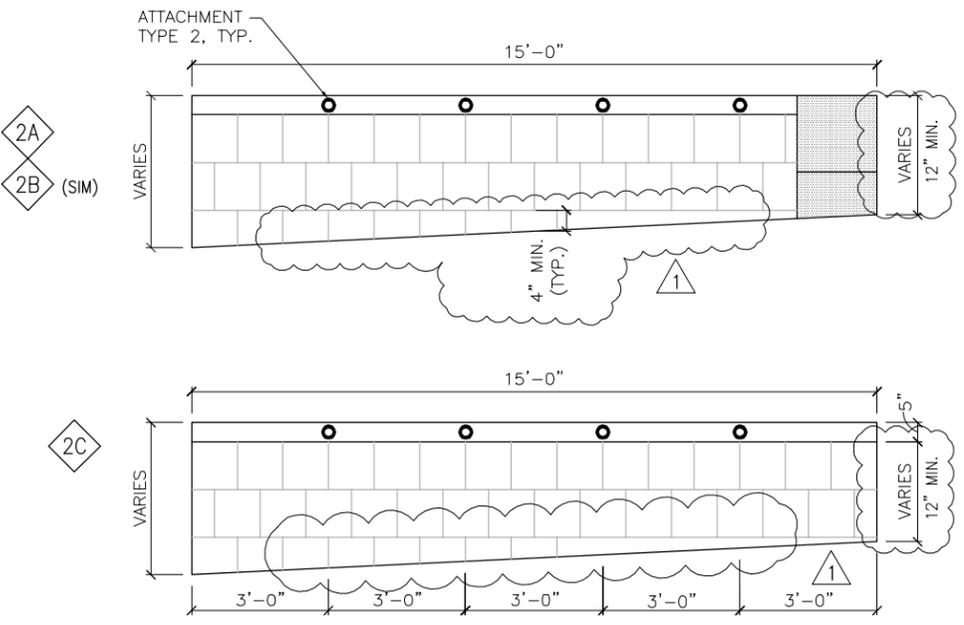
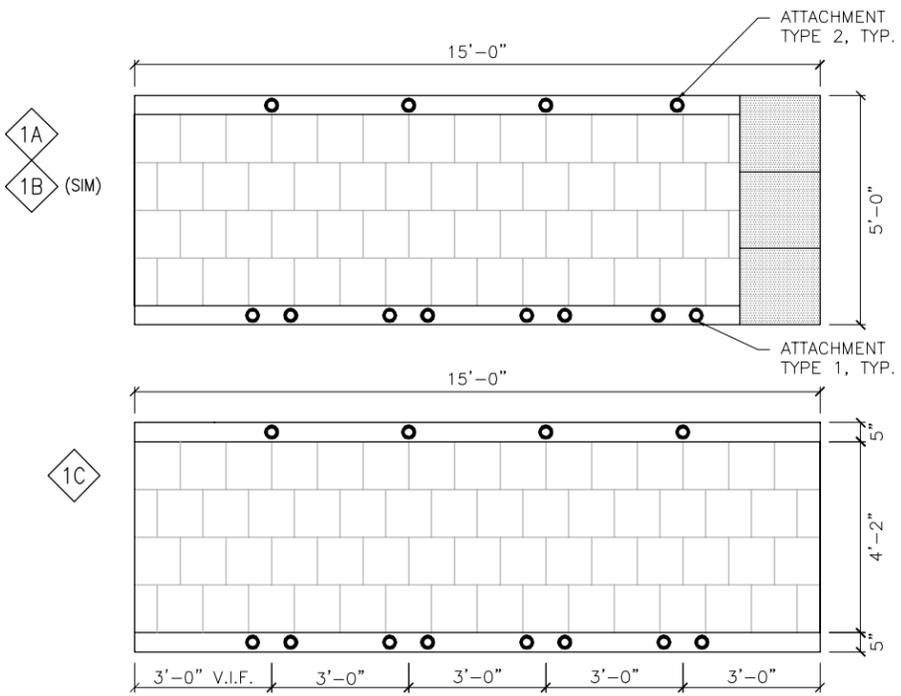
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FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D260298	911A1F1	913
ROUTE 9A - WEST ST. PROMENADE PROJECT				
RECONSTRUCTION OF RT. 9A-WEST ST. (BATTERY PL. TO CHAMBERS ST.)				
NEW YORK COUNTY				
P.I.N. X759.84		B.I.N.		

THIS SHEET SUPERSEDES SHEET 911A1

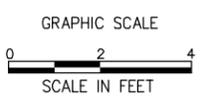
FIELD CHANGE SHEET

TRAPEZOIDAL PANELS W/O ACCESS PANEL PROVISION-ON EXTERIOR (NOT TUNNEL) SIDE OF PARAPET, TYP.



STONE TYPE LEGEND:  
 "BLACK" - CAMBRIAN BLACK, FLAMED & BRUSHED FINISH  
 "GRAY" - BLUE-GRAY, THERMAL FINISH

- NOTES:
- JOINTS BETWEEN STONE VENEER (IN PRECAST CONC. PANEL) SHALL BE 1/2"
  - JOINTS BETWEEN PRECAST CONC. PANELS SHALL NOT EXCEED 3/4", TYP.



2 TYPES OF STONE VENEER PANELS (ITEM NO. 40560.3112)

NO.	DESCRIPTIONS	DATE
1	CHANGED DETAILS	05/08/2012



AS BUILT REVISIONS

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

**BATTERY PARK UNDERPASS APPROACH WALLS PANEL TYPES**

STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION

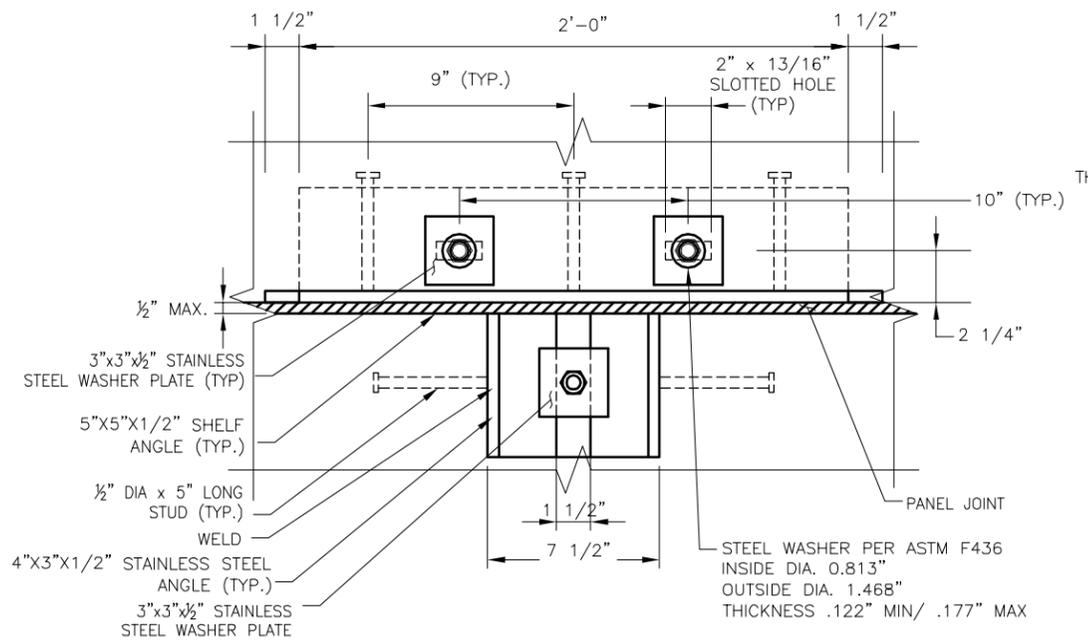
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Date/Time: Mar 26, 2012, 4:50pm

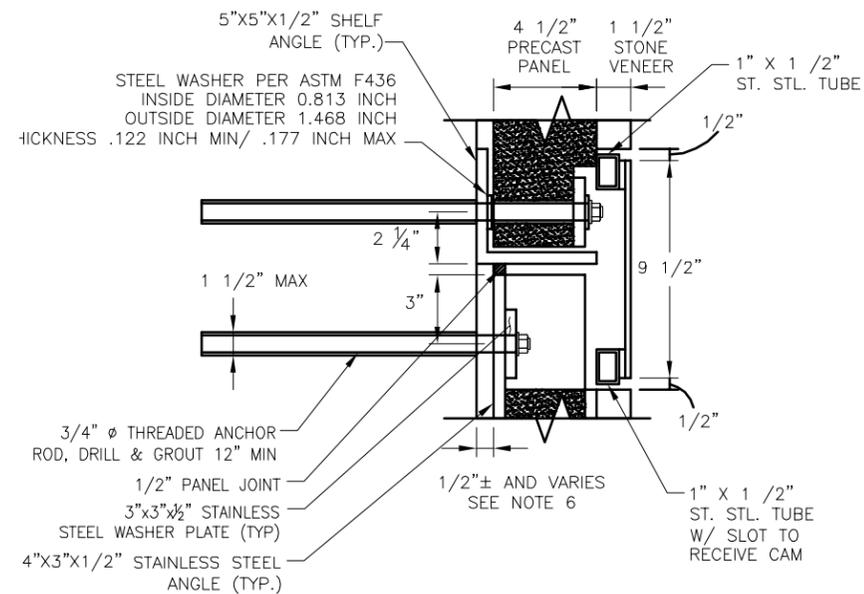
DESIGN SUPERVISOR NS JOB MANAGER AM DESIGNED BY BR/JM CHECKED BY AM ESTIMATED BY WH DRAFTER BY BR/MS/PK CHECKED BY BR

THIS SHEET SUPERSEDES SHEET 912A1  
**FIELD CHANGE SHEET**

FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D260298	912A1F1	913
ROUTE 9A - WEST ST. PROMENADE PROJECT				
RECONSTRUCTION OF RT. 9A-WEST ST. (BATTERY PL. TO CHAMBERS ST.)				
NEW YORK COUNTY				
P.I.N. X759.84		B.I.N.		



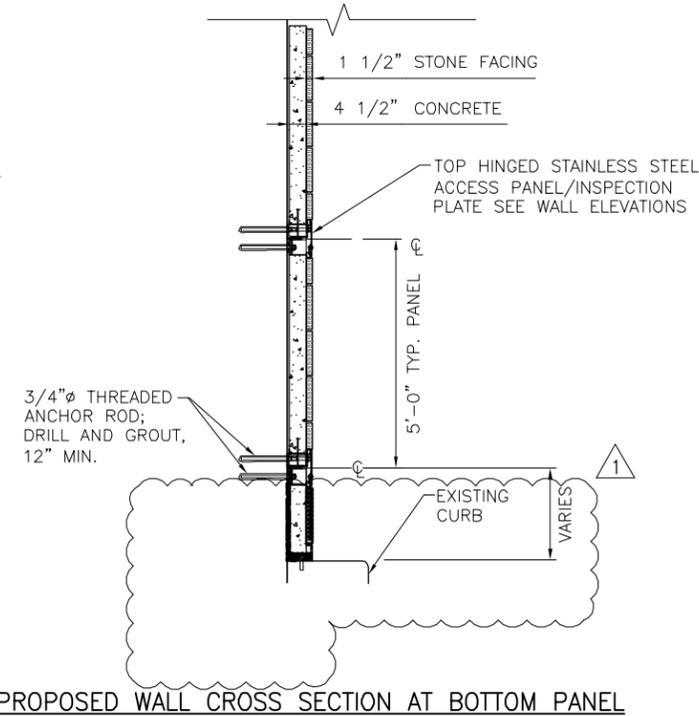
**1 TYPE 1 & TYPE 2 ATTACHMENT DETAILS - ELEVATION**  
SCALE: 3" = 1'-0"



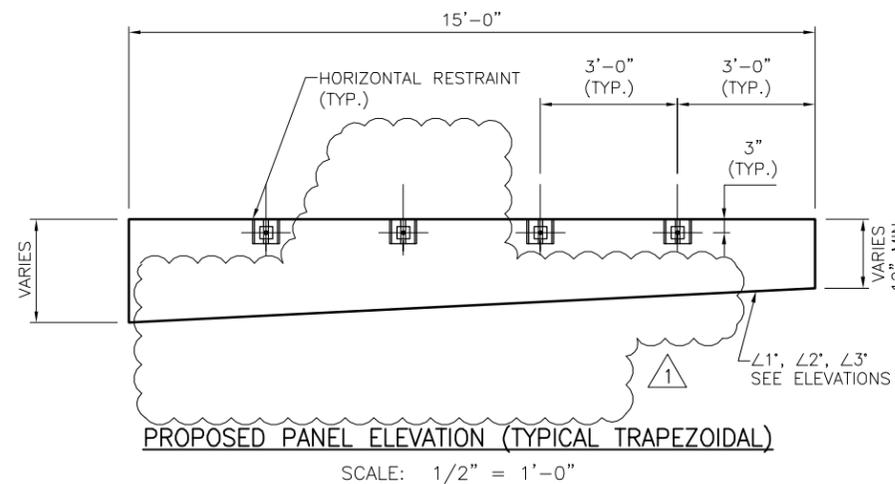
**2 TYPE 1 & TYPE 2 ATTACHMENT DETAILS - SECTION**  
SCALE: 3" = 1'-0"

**NOTES:**

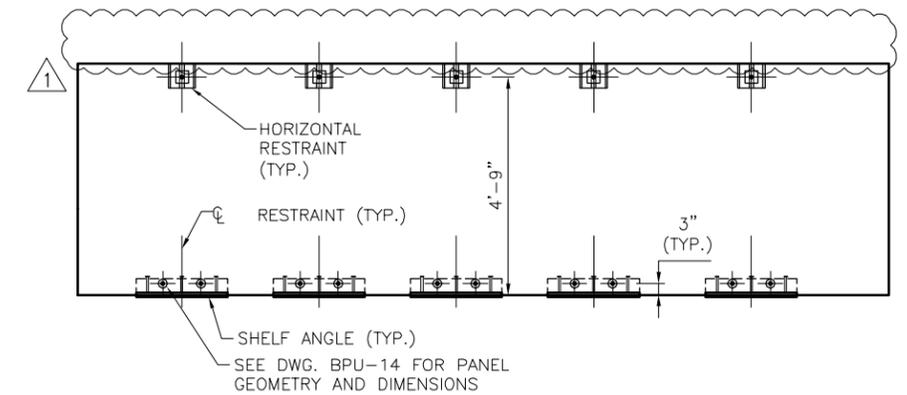
- INSTALL ANCHOR BOLT AND SHELF ANGLE PRIOR TO PANEL INSTALLATION.
- ANCHORING SYSTEM SHALL BE HILTI HIT HY 150 OR APPROVED EQUAL.
- STAINLESS STEEL ANCHORING SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.
- ALL STRUCTURAL STEEL SHALL BE STAINLESS STEEL.
- FOR ARCHITECTURAL DETAILS, SEE DRAWING NOS. BPU-2 THROUGH BUP-14.
- ABERRATIONS IN THE EXISTING WALL SURFACE MAY REQUIRE A GAP LARGER THAN 1/2" TO PROVIDE A CONSISTENTLY VERTICAL FACE OF WALL. THE CONTRACTOR SHALL PROVIDE SHIMS AS NECESSARY BEHIND THE 5x5x1/2" SHELF ANGLES AND SHALL PROVIDE SUFFICIENT BOLT LENGTH TO ENSURE 12" EMBEDMENT.



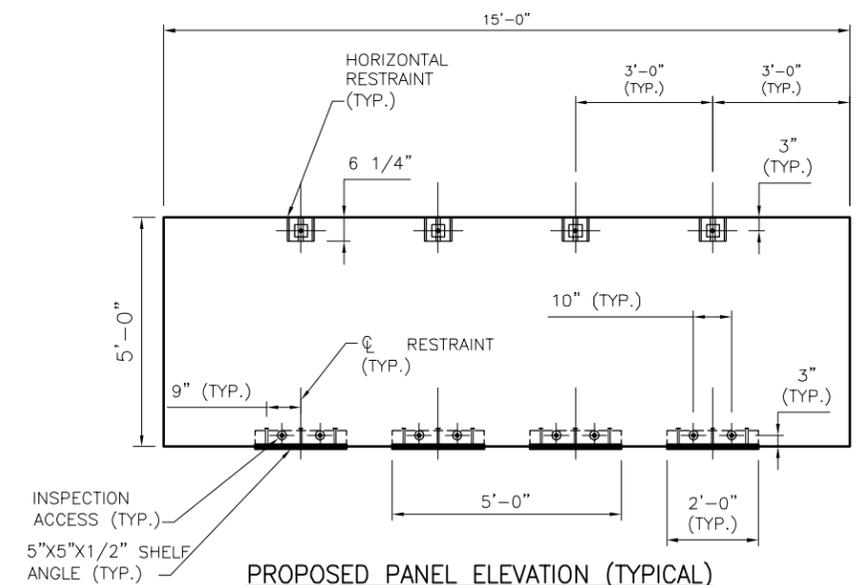
**PROPOSED WALL CROSS SECTION AT BOTTOM PANEL**  
SCALE: 1/2" = 1'-0"



**PROPOSED PANEL ELEVATION (TYPICAL TRAPEZOIDAL)**  
SCALE: 1/2" = 1'-0"



**PROPOSED NON-TYPICAL PANELS AT TUNNEL ENTRY**  
SCALE: 1/2" = 1'-0"



**PROPOSED PANEL ELEVATION (TYPICAL)**  
SCALE: 1/2" = 1'-0"

NO.	DESCRIPTIONS	DATE
1	MODIFIED PROPOSED PANEL ELEVATIONS	01/27/2012
	REVISIONS	

**AECOM**



STATE OF NEW YORK  
DEPARTMENT OF TRANSPORTATION

FILENAME	REGION	DATE	DRAWING NO.
x01322bpu-12_plt	11	03/26/2012	BPU-15

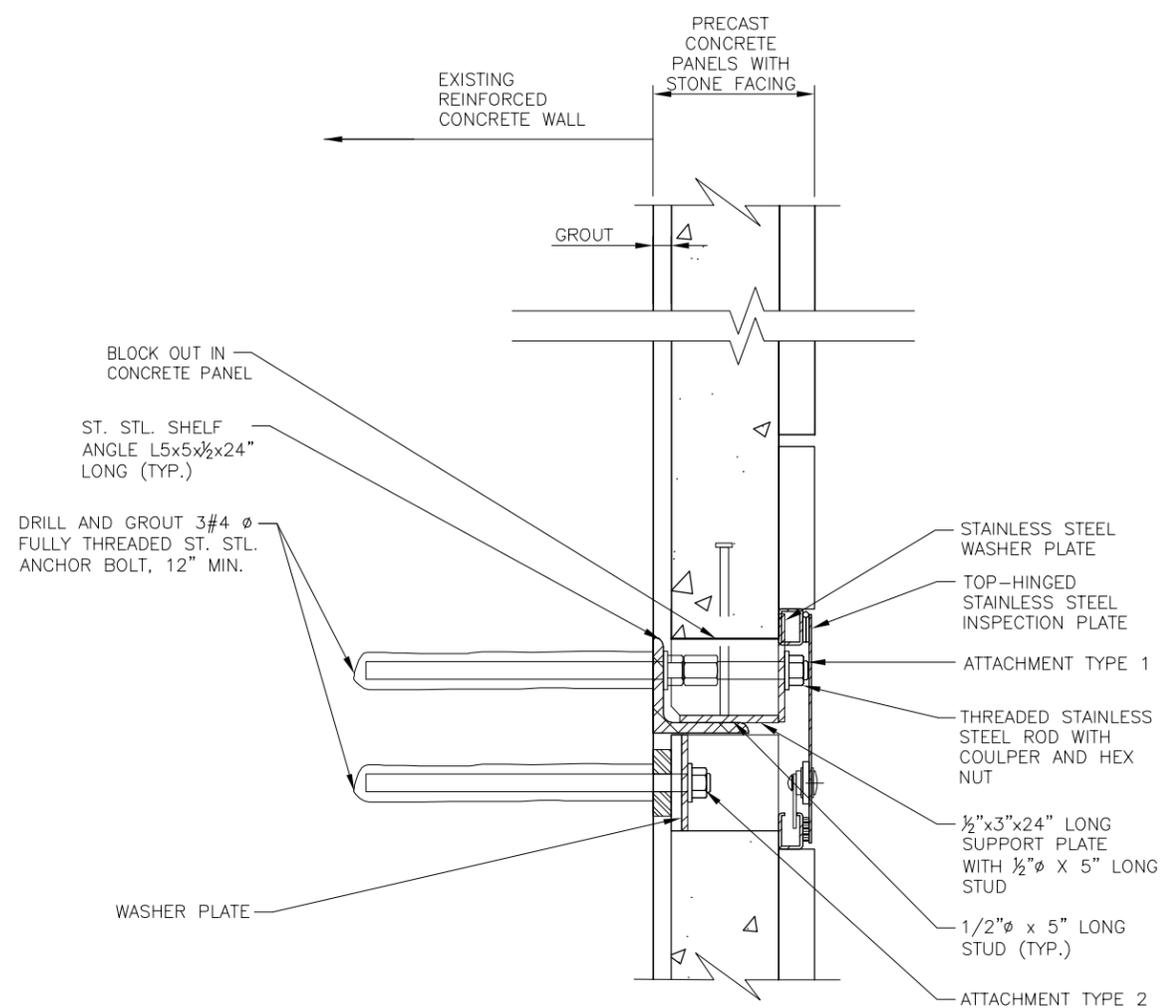
AS BUILT REVISIONS	
SIGNATURE	DATE
<b>BATTERY PARK UNDERPASS APPROACH WALLS STRUCTURAL DETAILS - 1</b>	

FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D260298	913A1F1	913
ROUTE 9A - WEST ST. PROMENADE PROJECT				
RECONSTRUCTION OF RT. 9A-WEST ST. (BATTERY PL. TO CHAMBERS ST.)				
NEW YORK COUNTY				
P.I.N. X759.84		B.I.N.		

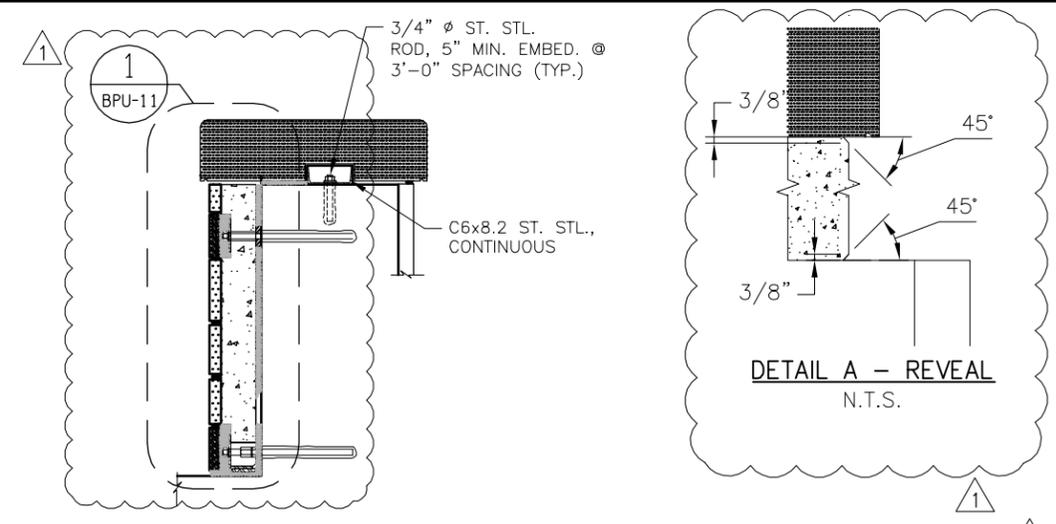
THIS SHEET SUPERSEDES SHEET 913A1

FIELD CHANGE SHEET

BR / MS / PK CHECKED BY  
 BR / JIM CHECKED BY  
 AM ESTIMATED BY  
 AM DESIGNED BY  
 NS JOB MANAGER  
 DESIGN SUPERVISOR

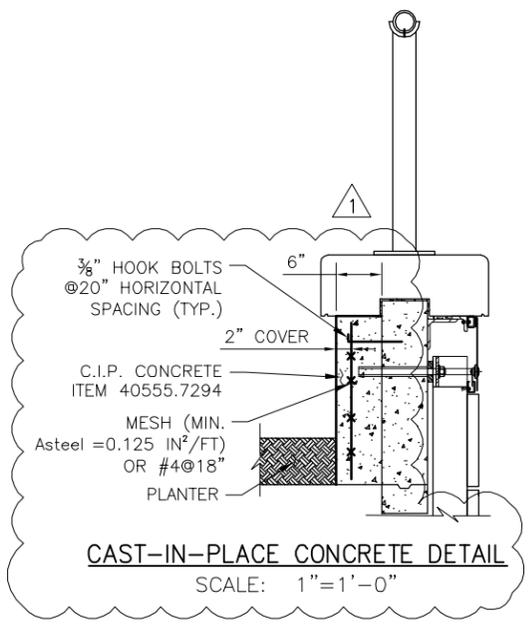


**TYPE 1 & TYPE 2 ATTACHMENT**  
**DETAIL - SECTION**  
 SCALE: 3" = 1'-0"

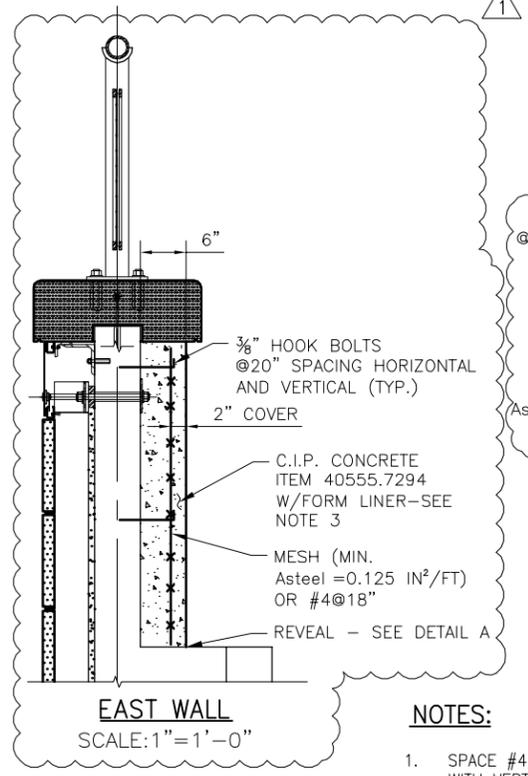


**SOUTH (PORTAL) WALL SECTION**  
 SCALE: 1" = 1'-0"

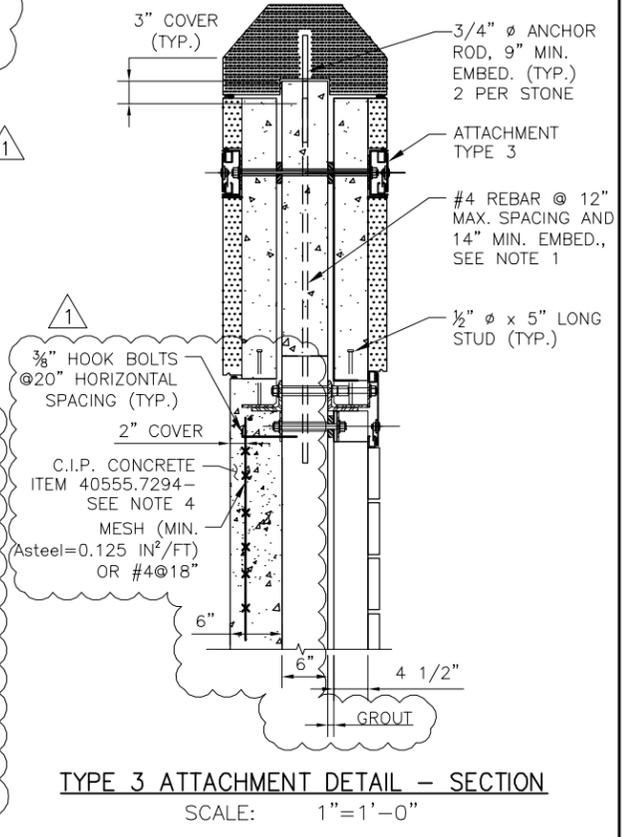
**DETAIL A - REVEAL**  
 N.T.S.



**CAST-IN-PLACE CONCRETE DETAIL**  
 SCALE: 1" = 1'-0"

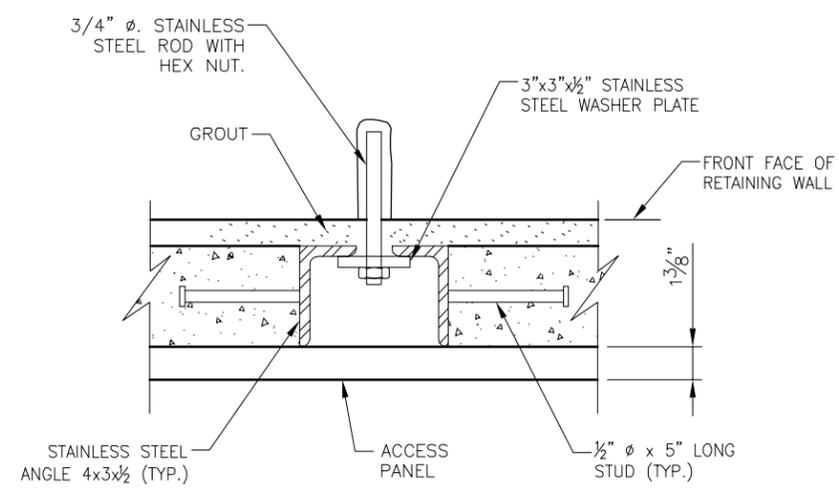


**EAST WALL**  
 SCALE: 1" = 1'-0"

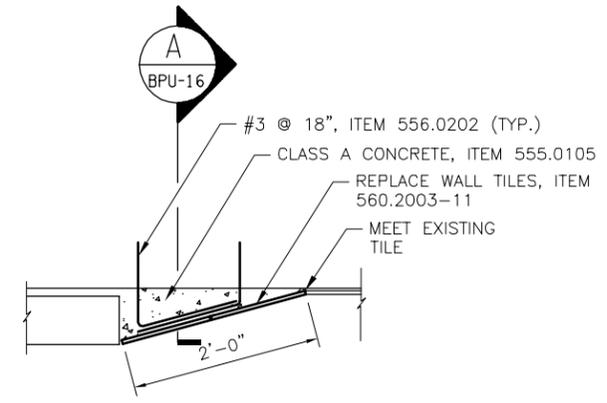


**TYPE 3 ATTACHMENT DETAIL - SECTION**  
 SCALE: 1" = 1'-0"

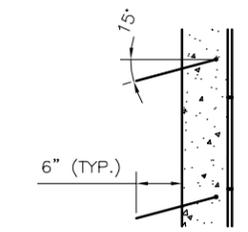
- NOTES:**
- SPACE #4 VERTICAL REINFORCING BARS TO AVOID INTERFERENCE WITH VERTICAL COPING STONE ANCHORS AND HORIZONTAL ANCHOR RODS. PROVIDE MIN. 2" EDGE DISTANCE TO HOLES OF HORIZONTAL ANCHOR RODS.
  - FOR PANEL DESCRIPTIONS, SEE DWG. BPU-12 AND BPU-13.
  - FORM LINER TREATMENT SHALL BE #T316 FINE SANDBLAST BY CUSTOMROCK OR APPROVED EQUAL.
  - CAST-IN-PLACE CONCRETE SHALL EXTEND 1'-0" BELOW BOTTOM OF COPING STONE ELEVATION ON WEST WALL.



**TYPE 2 ATTACHMENT DETAIL - PLAN**  
 SCALE: 3" = 1'-0"



**TRANSITION TO TILE AT PORTAL**  
 SCALE: 1" = 1'-0"



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

NO.	DESCRIPTIONS	DATE
1	CHANGED TO TYPICAL WALL SECTION DETAILS	05/08/2012

**AECOM**

STATE OF NEW YORK  
 DEPARTMENT OF TRANSPORTATION

FILENAME: x01322bpu-12\_plt REGION: 11 DATE: 03/26/2012 DRAWING NO.: BPU-16

Sheet File: L:\work\100769\Cadd\#1\_400-Task\Ar\X01322bpu-16\_plt REV\_6-6-12.dwg  
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