



**CORRODED CONDUIT
DETAIL: PHOTO**
A
A11E-100 SCALE: NOT TO SCALE



**CORRODED CONDUIT
DETAIL: PHOTO**
B
A11E-100 SCALE: NOT TO SCALE



**CORRODED CONDUIT
DETAIL: PHOTO**
C
A11E-100 SCALE: NOT TO SCALE



**CORRODED CONDUIT
DETAIL: PHOTO**
D
A11E-100 SCALE: NOT TO SCALE



**CORRODED CONDUIT
DETAIL: PHOTO**
E
A11E-100 SCALE: NOT TO SCALE



**CORRODED PULL BOX
DETAIL: PHOTO**
F
A11E-100 SCALE: NOT TO SCALE

SHEET NOTES

- COORDINATE REPLACEMENT OF CORRODED OR BROKEN CONDUITS AND JUNCTION BOXES WITH WMATA AR.

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 43224, EXPIRATION DATE 04-14-2015.

FINAL CONTRACT NO. FQ15093

DESIGNED	K. IBRAHIM	01/30/15	REFERENCE DRAWINGS		REVISIONS	
			NUMBER	DESCRIPTION	DATE	BY
DRAWN	V. BAHALLA	01/30/15				
CHECKED	A. FISHEL	01/30/15				
APPROVED	J. PURDY	01/30/15				



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DEPARTMENT OF TRANSIT INFRASTRUCTURE AND ENGINEERING SERVICES
OFFICE OF INFRASTRUCTURE RENEWAL PROGRAM



APPROVED _____

SUBMITTED Brad Mason, P.E.
PROJECT MANAGER

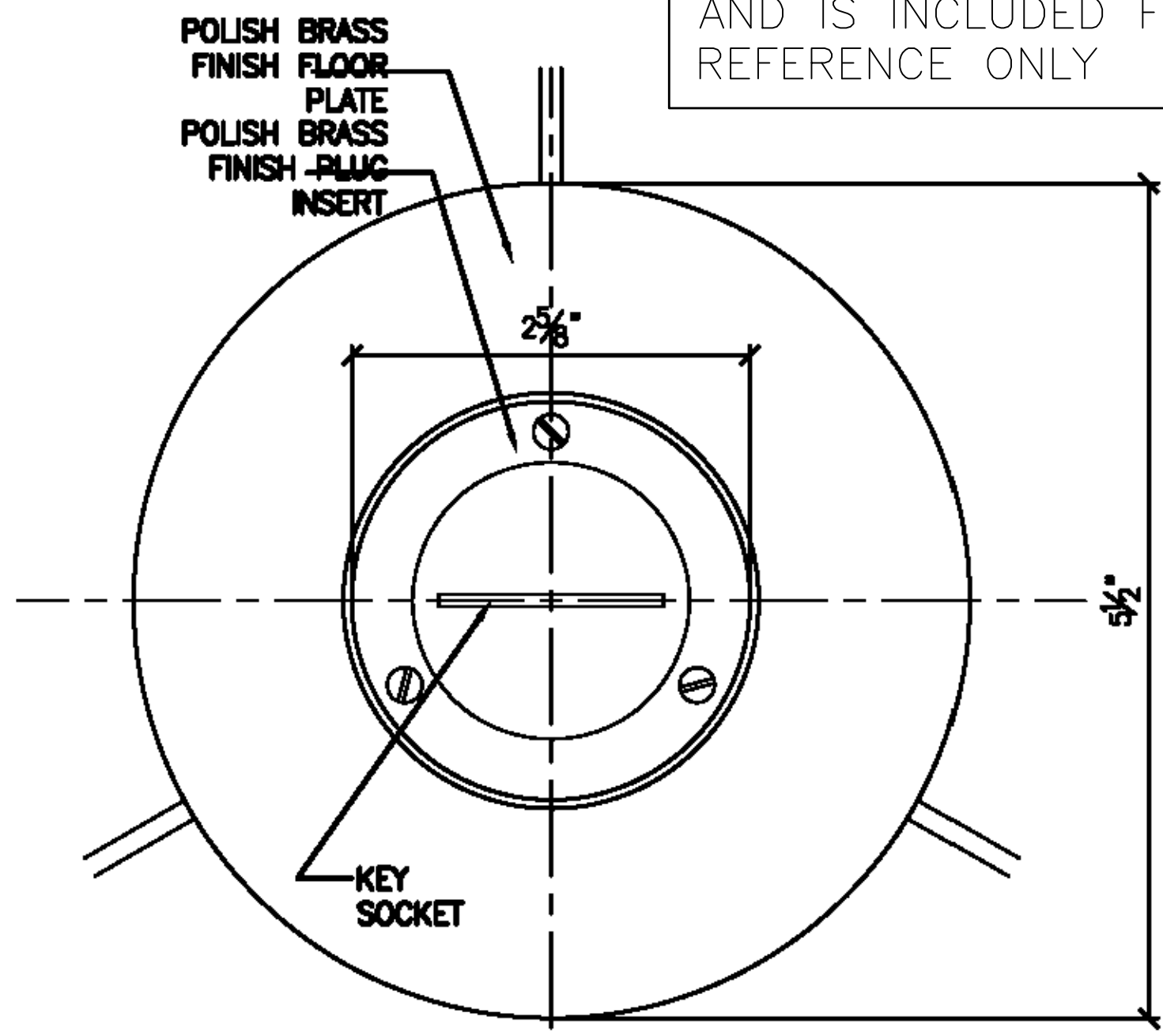
RED LINE REHAB.-FRIENDSHIP HEIGHTS TO GROSVENOR - PART 4
GROSVENOR STATION - PLATFORM REMOVAL ELECTRICAL REPRESENTATIVE PICTURES

SCALE: 1/8"=1'-0" 2 1 0 2 4 6 8 10

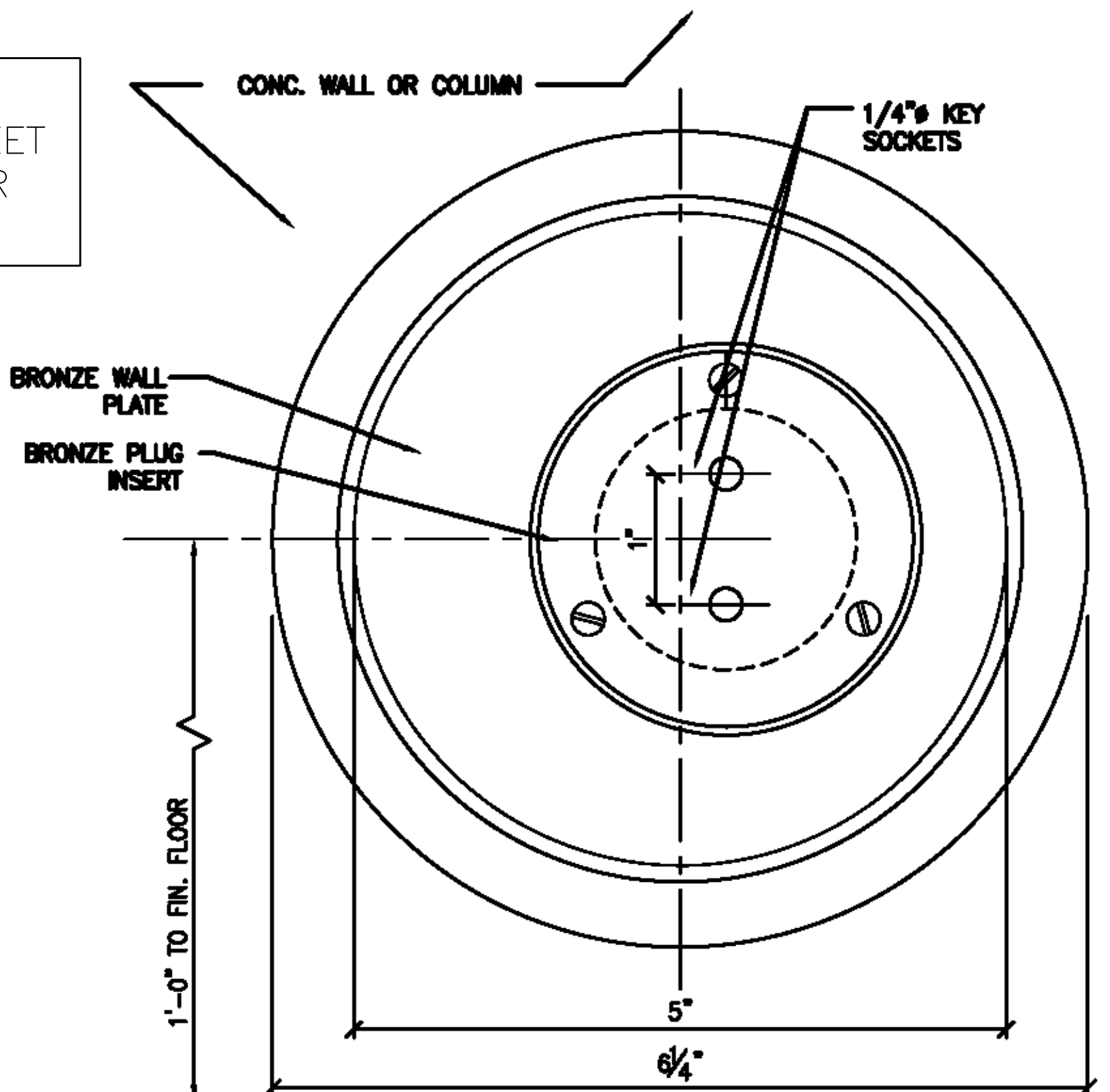
DRAWING NO. A11-E-703

SHEET NO. M1272-179

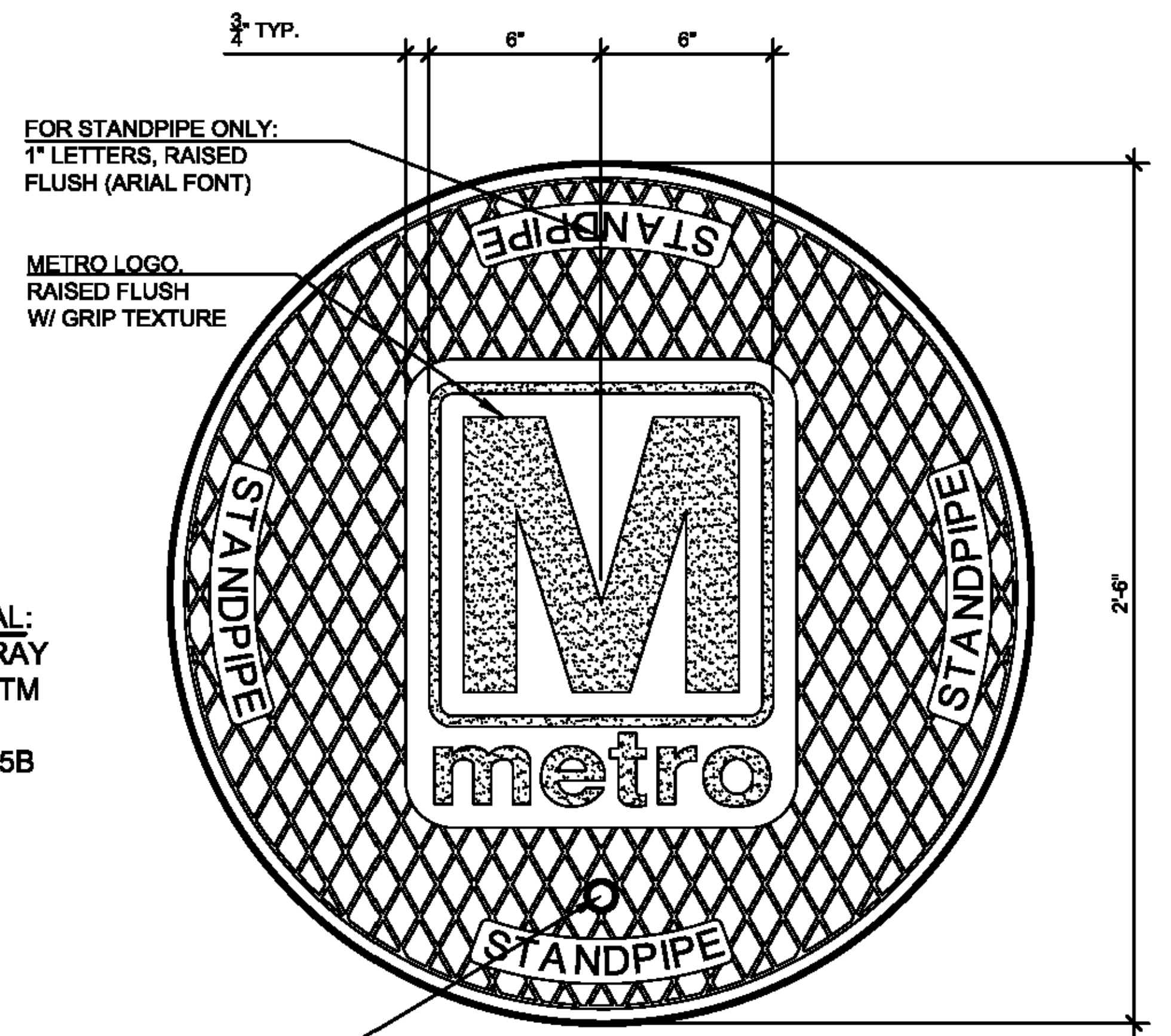
THIS SHEET IS A STANDARD WMATA SHEET AND IS INCLUDED FOR REFERENCE ONLY



1 ELEVATION WALL MOUNTED OUTLET
SCALE: 1'-0" = 1'-0"

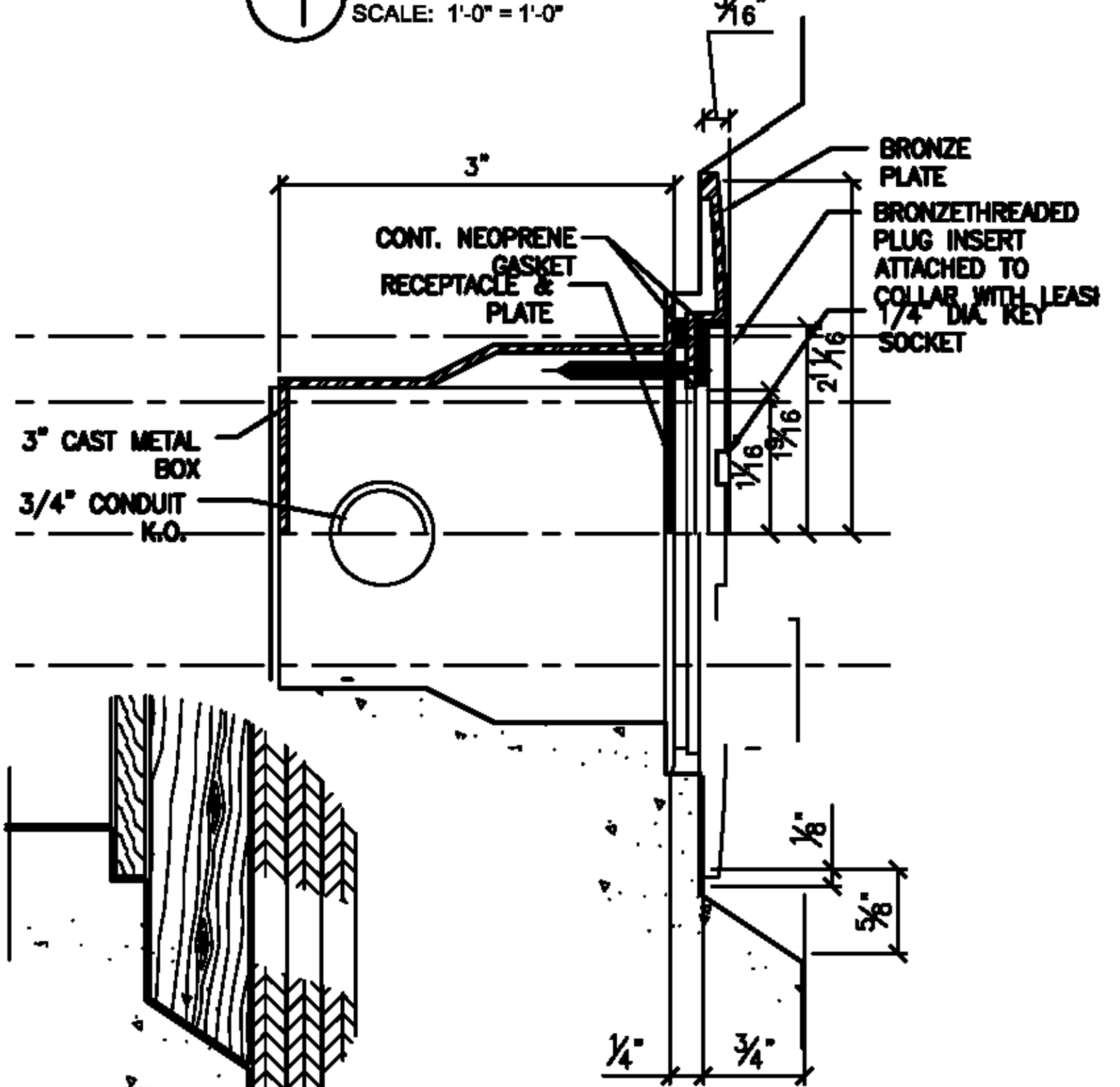


3 ELEVATION FLOOR MOUNTED OUTLET
SCALE: 1'-0" = 1'-0"

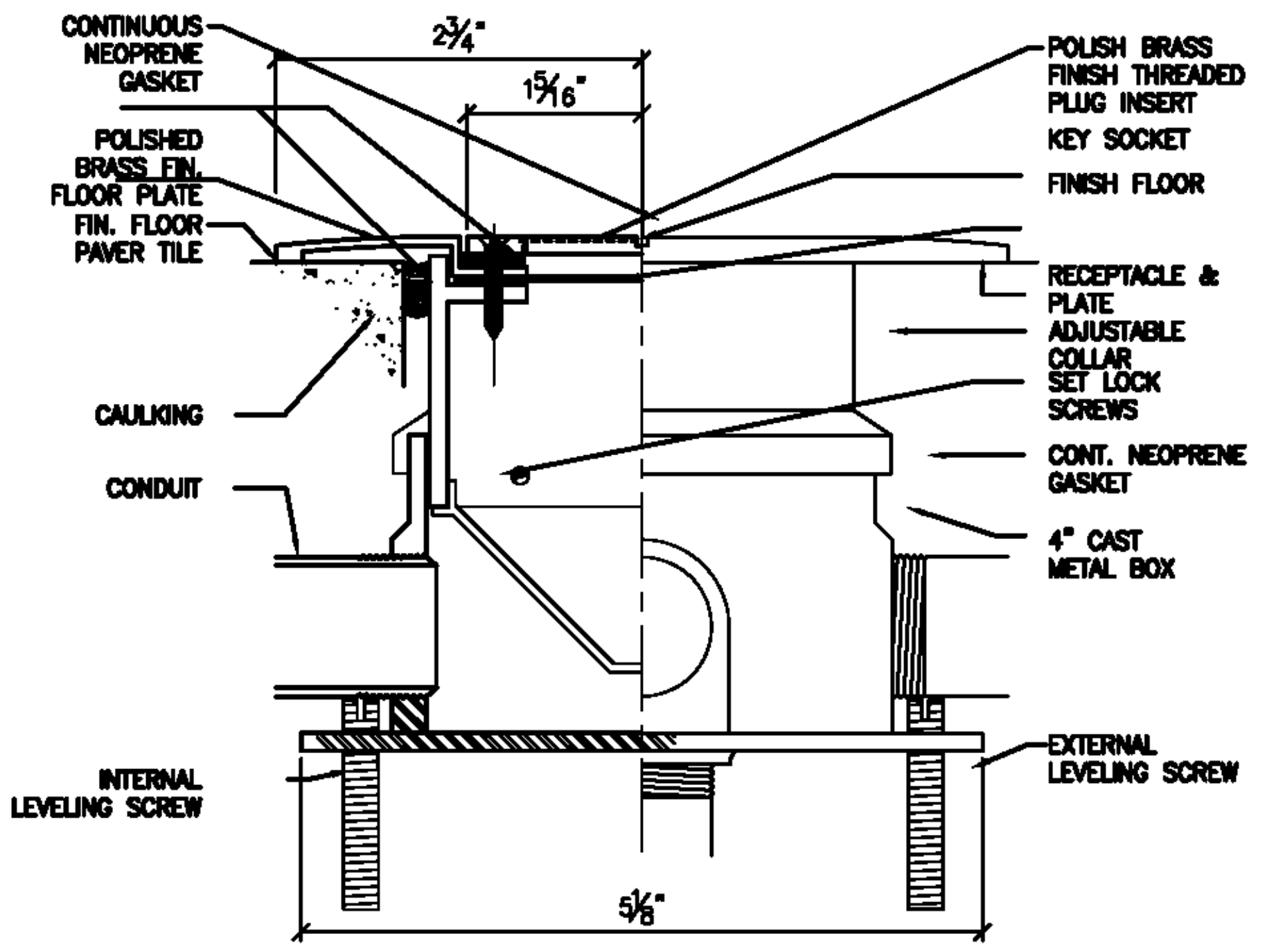


MATERIAL:
CAST GRAY
IRON ASTM
A-48,
CLASS 35B
FINISH:
NONE

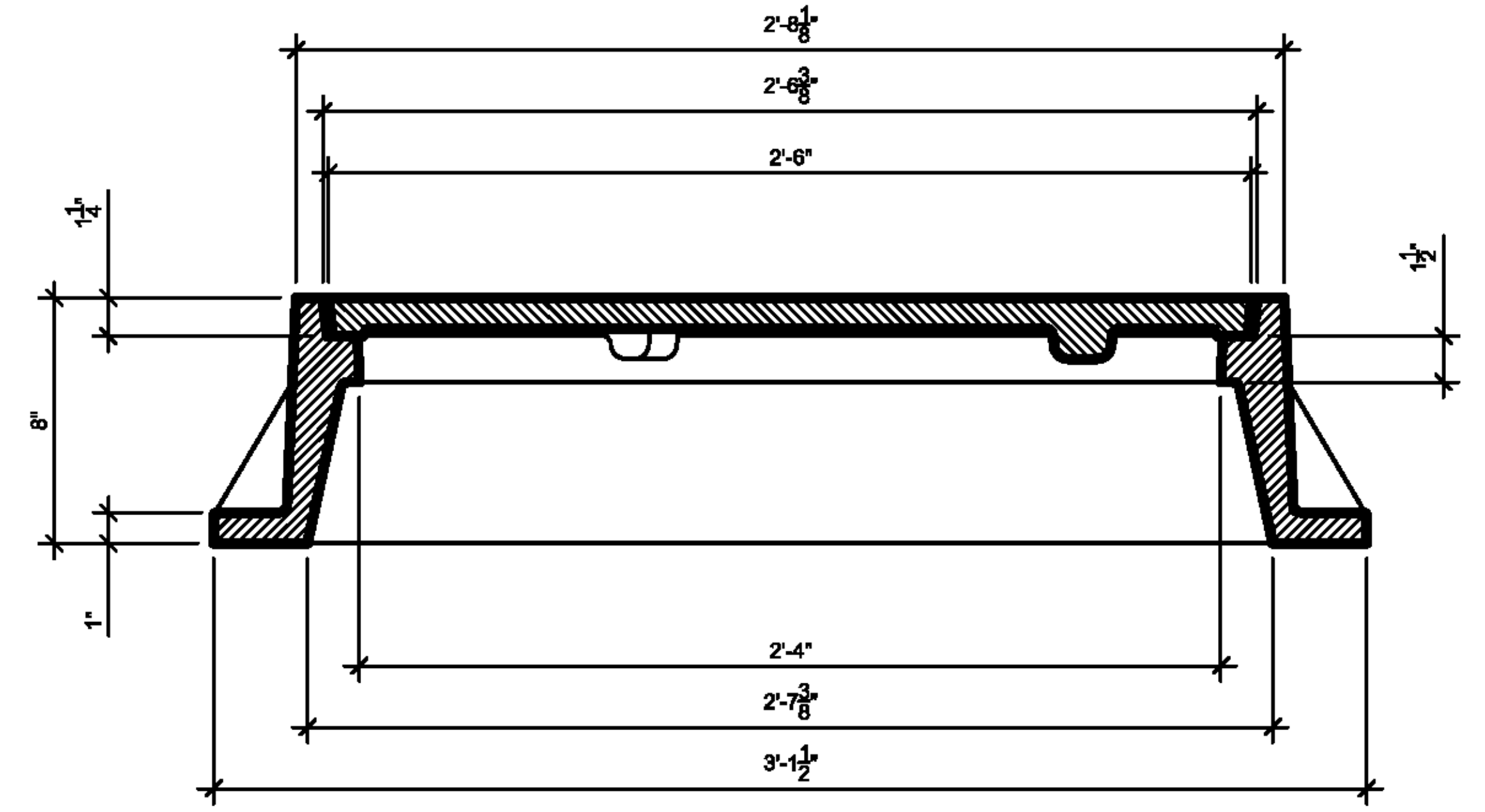
5 PLAN TYPICAL MANHOLE COVER
SCALE: 3" = 1'-0"



2 SECTION WALL MOUNTED OUTLET
SCALE: 6" = 1'-0"



4 SECTION FLOOR MTD ELEC. OUTLET
SCALE: 1'-0" = 1'-0"



6 SECTION TYPICAL MANHOLE COVER
SCALE: 3" = 1'-0"

METHOD OF FORMING

DESIGNED **TMK** 10/12
DATE
DRAWN **TMK** 10/12
DATE
CHECKED **IK** 01/13
DATE
APPROVED **CAM**
DATE

REFERENCE DRAWINGS		REVISIONS	
NUMBER	DESCRIPTION	DATE	BY

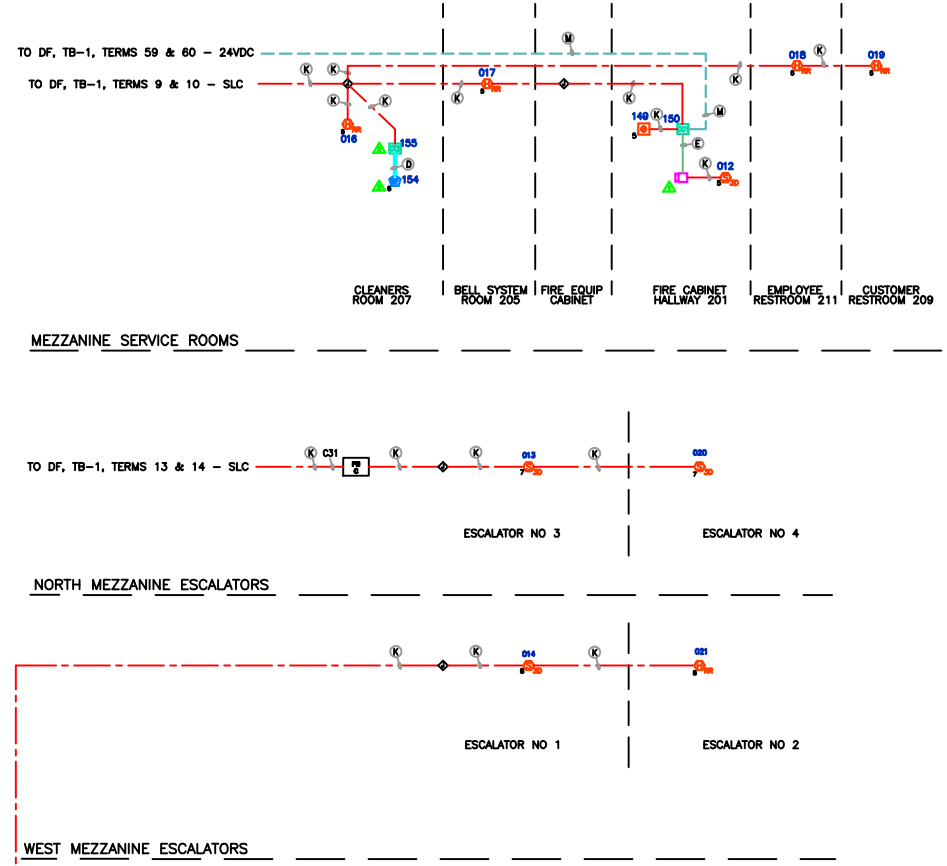
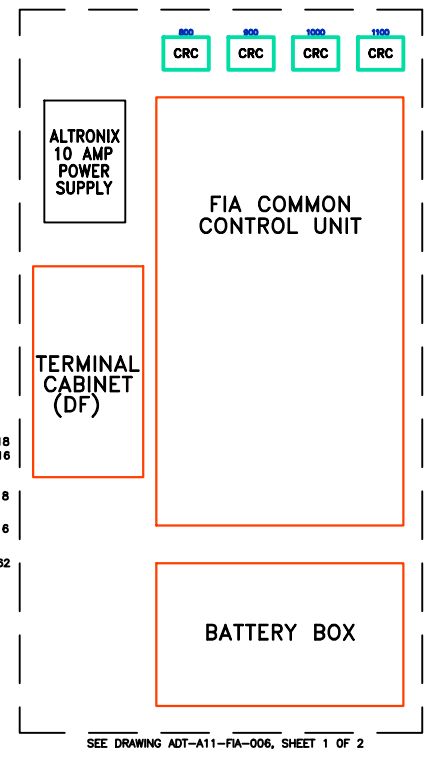
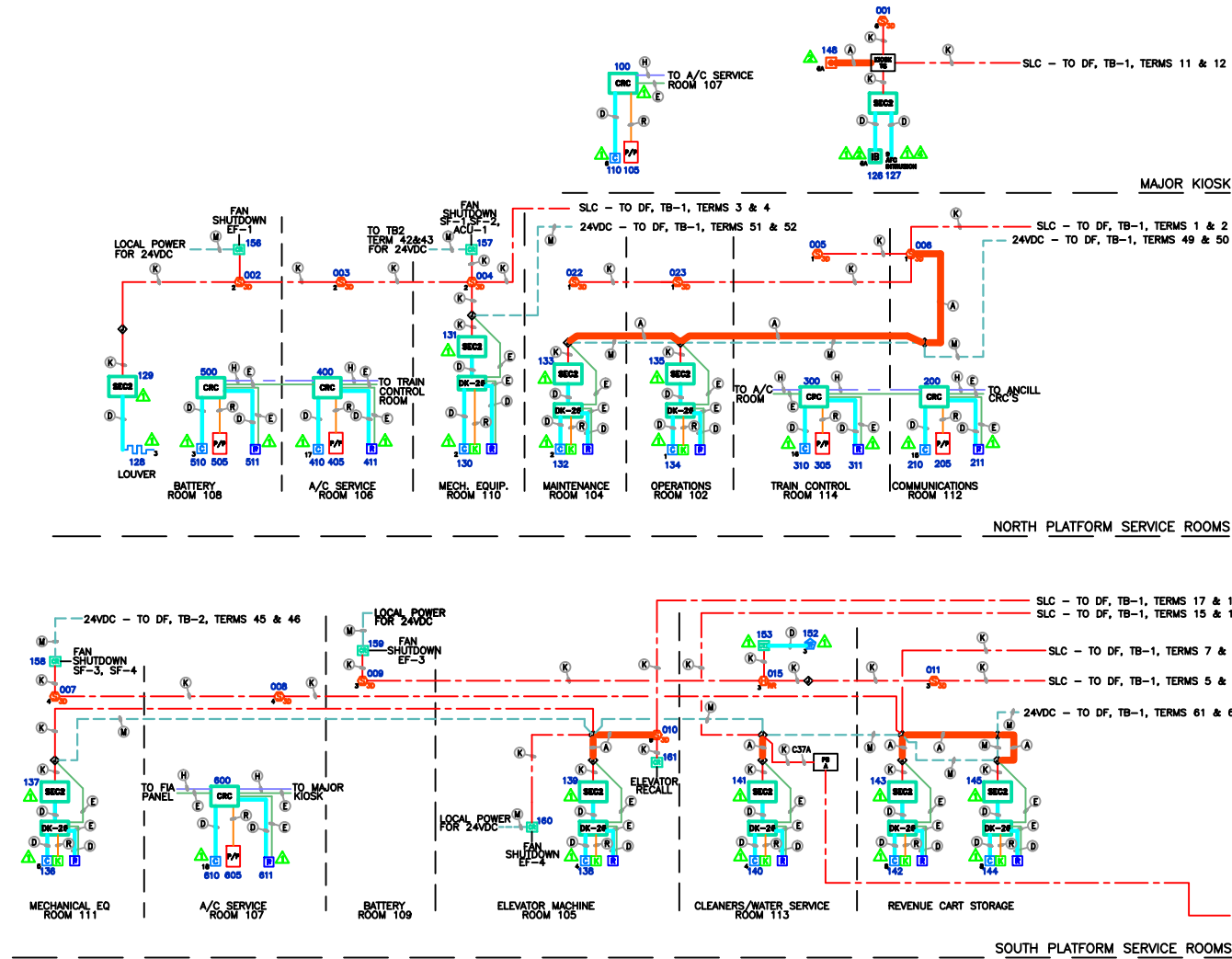
REFERENCE DRAWINGS		REVISIONS	
NUMBER	DESCRIPTION	DATE	BY

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
CHIEF ENGINEER OF INFRASTRUCTURE
TRACK STRUCTURES & FACILITIES
APPROVED **05/2010**
DATE

METRORAIL REHAB. - DUPONT CIR. TO SILVER SPRING
Outlets, Plaque & Manhole
SCALE: As Shown
DRAWING NO. ST-A-SW-004
SHEET NO. FC8143

- WIRE LEGEND**
- (A) SLC ADDRESSABLE LOOP - 16/2 TWISTED - WEST PENN 60991
 - (C) AUDIO INPUT WIRE - 18/2 - WEST PENN 60980
 - (D) DEVICE WIRE - 18/2 - WEST PENN 60980
 - (E) LOW VOLTAGE - 12/24VDC - 14/2 - WEST PENN 60993
 - (F) DATA WIRE, ANCILLARY BUILDING - 16/2 TWISTED - WEST PENN 60991
 - (G) ANNUNCIATOR NETWORK CABLE MID. CAP. - 16/2 TWISTED - WEST PENN D990
 - (H) 485 NETWORK - 16/2 TWISTED - WEST PENN D990
 - (K) EXISTING 2/C-18 GAUGE FOR SLC
 - (L) EXISTING 18/2 FOR DEVICE WIRE
 - (M) EXISTING 18/2 FOR 24Vdc POWER
 - (N) 120 VAC
 - (P) EXISTING CABLE TO ANCILLARY BUILDING
 - (R) READER CABLE
 - (S) MULTIPLE WIRES IN SAME RUN

- MARKER NOTES:**
- △ END-OF-LINE RESISTOR LOCATION
 - △ NEW DETECTOR INSTALLED
 - △ EXISTING DETECTOR RELOCATED
 - △ REUSED DEVICE
 - △ SEE ADT-TYP-FIA-003, SHEET 3, DETAIL 15, 16, & 17
 - △ SEE ADT-TYP-FIA-003, SHEET 3, DETAIL 14
 - △ TYPE 1 WIRING (SEE ADT-TYP-FIA-008, SHEET 3, DETAIL 9)
 - △ TYPE 2 WIRING (SEE ADT-TYP-FIA-008, SHEET 4, DETAIL 12)



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Designed:	JBG	10/22/06	REFERENCE DRAWINGS		
			Reg. File Name	Title	Description:
Drawn:	GN	10/24/06	No.	Date	
Checked:	JBG	10/26/06	A		
Approved:	MCM	10/28/06	B		
			C		
			D		
			E		

Stamp Area:

Washington Metropolitan Area Transit Authority
Infrastructure Renewal Program
Contract No. FM8205

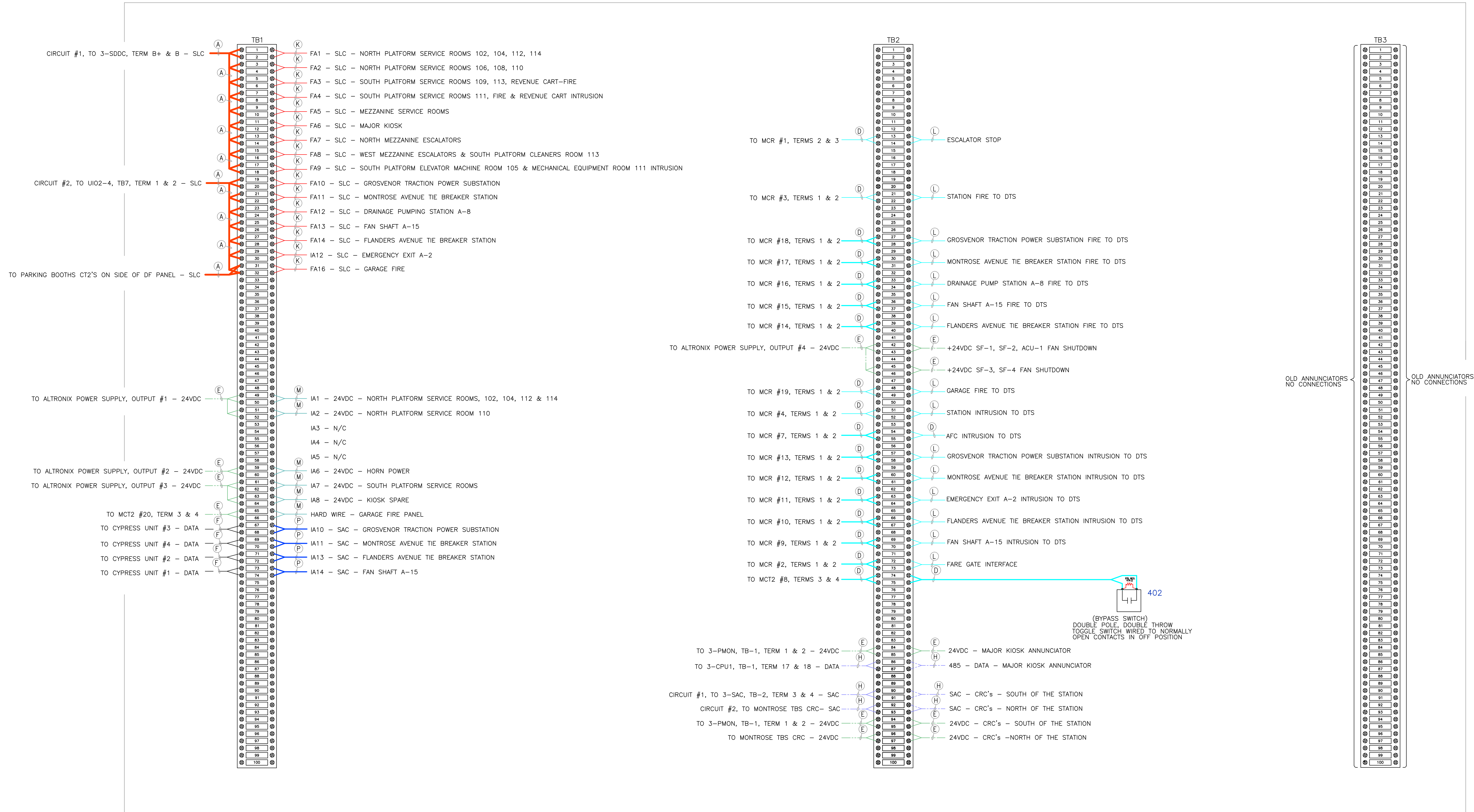
tyco Fire & Security

ADT
ADT Security Services, Systems Sales & Engineering
602 Office Center Drive
Fort Washington, PA 19073
(215) - 654 - 7450 ext 111

WMATA\GROSVENOR STRATHMORE
Main Device-Terminal Panel
Station No.: A11
Rev: AS-BUILT

Created: 10/22/06
Scale: NTS
Sheet: 2 of 3

GROSVENOR STRATHMORE
Main Device to Terminal Panel Wiring



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Designed:	JBG	10/22/06	REFERENCE DRAWINGS		
Drawn:	GN	10/24/06	Dwg. File Name	Title	No.
Checked:	JBG	10/26/06	A	02/28/07	CHANGES MADE PER WMATA REVIEW
Approved:	MCM	10/28/06	B		
			C		
			D		
			E		

Stamp Area:

Washington Metropolitan Area Transit Authority
 Infrastructure Renewal Program
 Contract No. FM8205

tyco / Fire & Security

ADT Security Services, Systems Sales & Engineering
 602 Office Center Drive
 Fort Washington, PA 19073
 (215) - 654 - 7450 ext 402

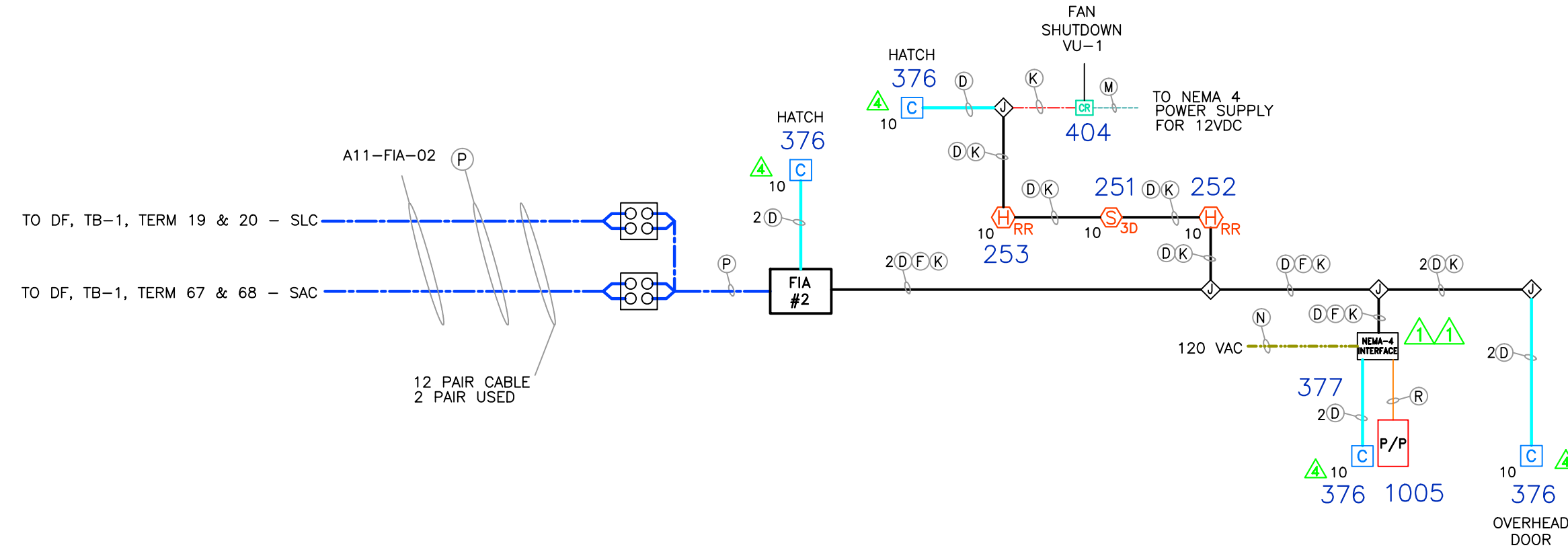
Directory: **WMATA/GROSVENOR STRATHMORE**
 Filename: **DF Terminal Panel**
 Station: **GROSVENOR STRATHMORE**
 DWG No: **ADT-A11-FIA-006**

Created: **10/22/06**
 Scale: **NTS**
 Sheet: **2 of 2**
 Rev: **A**
AS-BUILT

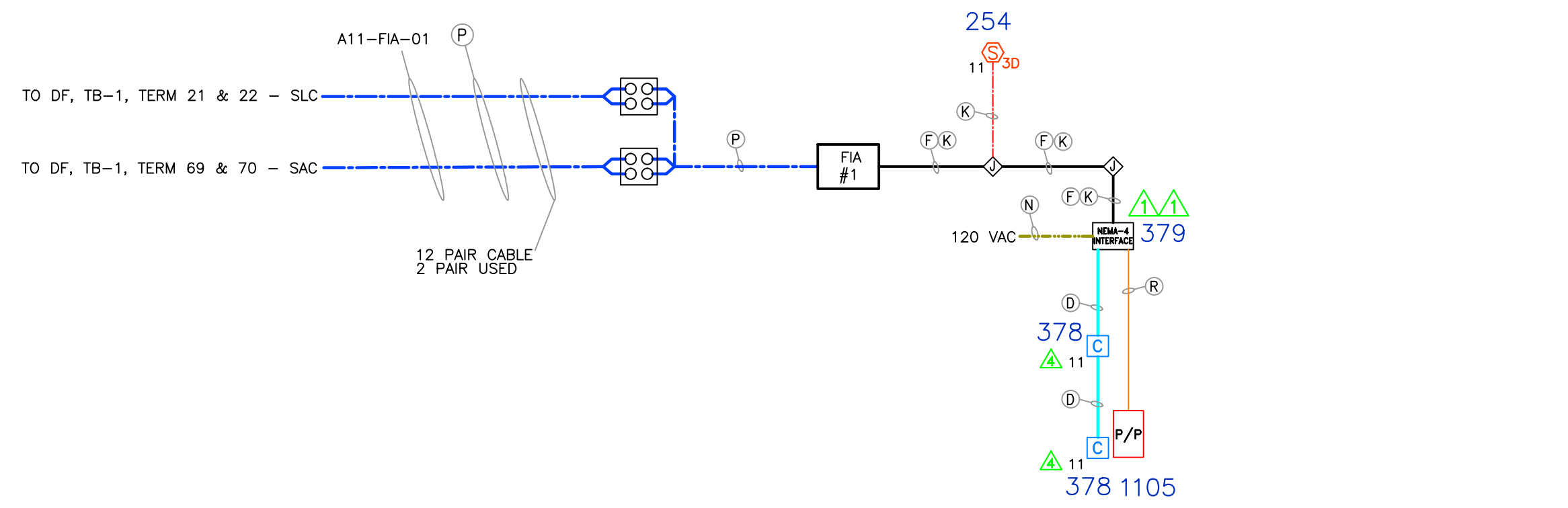
Title: **GROSVENOR STRATHMORE DF Terminal Panel Connections**

- WIRE LEGEND**
- (A) SLC ADDRESSABLE LOOP - 16/2 TWISTED - WEST PENN 60991
 - (C) AUDIO INPUT WIRE - 18/2 - WEST PENN 60980
 - (D) DEVICE WIRE - 18/2 - WEST PENN 60980
 - (E) LOW VOLTAGE - 12/24VDC - 14/2 - WEST PENN 60993
 - (F) DATA WIRE, ANCILLARY BUILDING - 16/2 TWISTED - WEST PENN 60991
 - (G) ANNUNCIATOR NETWORK CABLE MID. CAP. - 16/2 TWISTED - WEST PENN D990
 - (H) 485 NETWORK - 16/2 TWISTED - WEST PENN D990
 - (K) EXISTING 2/C-18 GAUGE FOR SLC
 - (L) EXISTING 18/2 FOR DEVICE WIRE
 - (M) EXISTING 18/2 FOR 24Vdc POWER
 - (N) 120 VAC
 - (P) EXISTING CABLE TO ANCILLARY BUILDING
 - (R) READER CABLE
 - (Y/Z) MULTIPLE WIRES IN SAME RUN

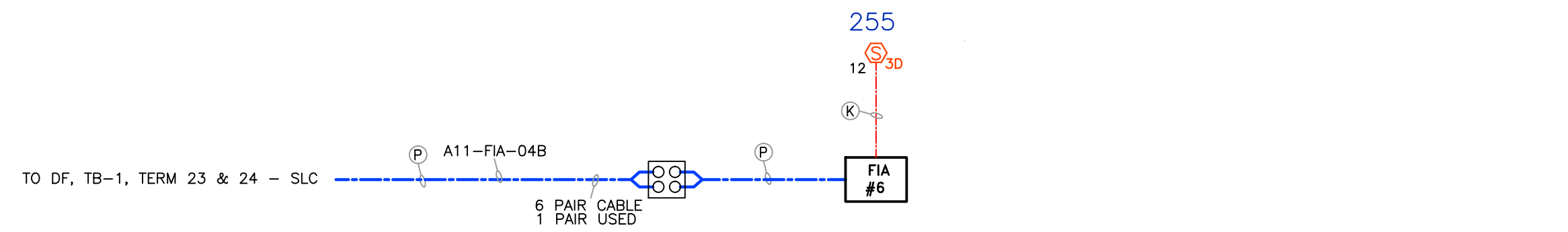
- MARKER NOTES:**
- 1 END-OF-LINE RESISTOR LOCATION
 - 2 NEW DETECTOR INSTALLED
 - 3 EXISTING DETECTOR RELOCATED
 - 4 REUSED DEVICE
 - 5 SEE ADT-TYP-FIA-003, SHEET 3, DETAIL 15, 16, & 17
 - 6 SEE ADT-TYP-FIA-003, SHEET 3, DETAIL 14
 - 7 TYPE 1 WIRING (SEE ADT-TYP-FIA-008, SHEET 3, DETAIL 9)
 - 8 TYPE 2 WIRING (SEE ADT-TYP-FIA-008, SHEET 4, DETAIL 12)



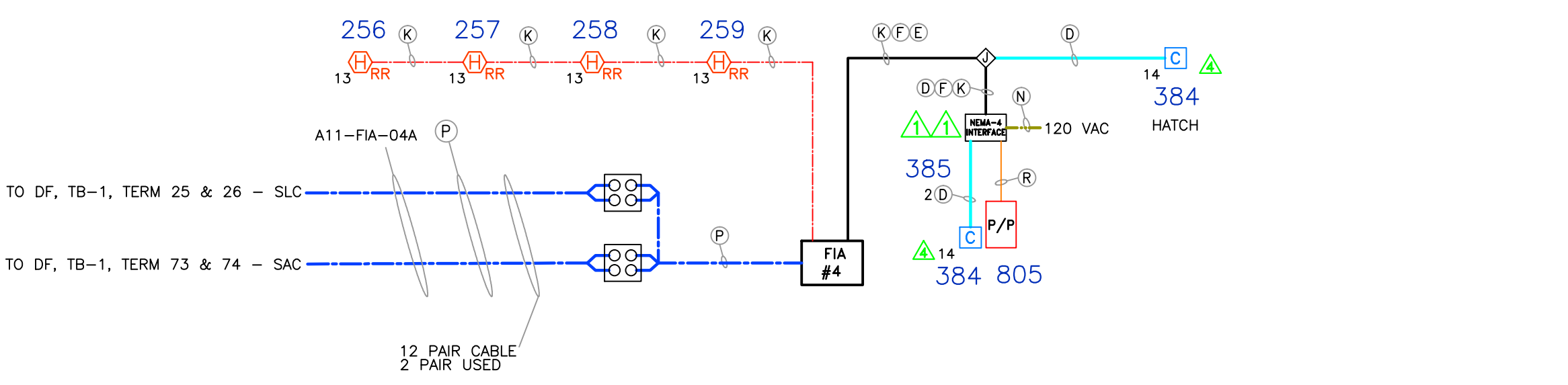
GROSVENOR TRACTION POWER SUBSTATION (571+75)



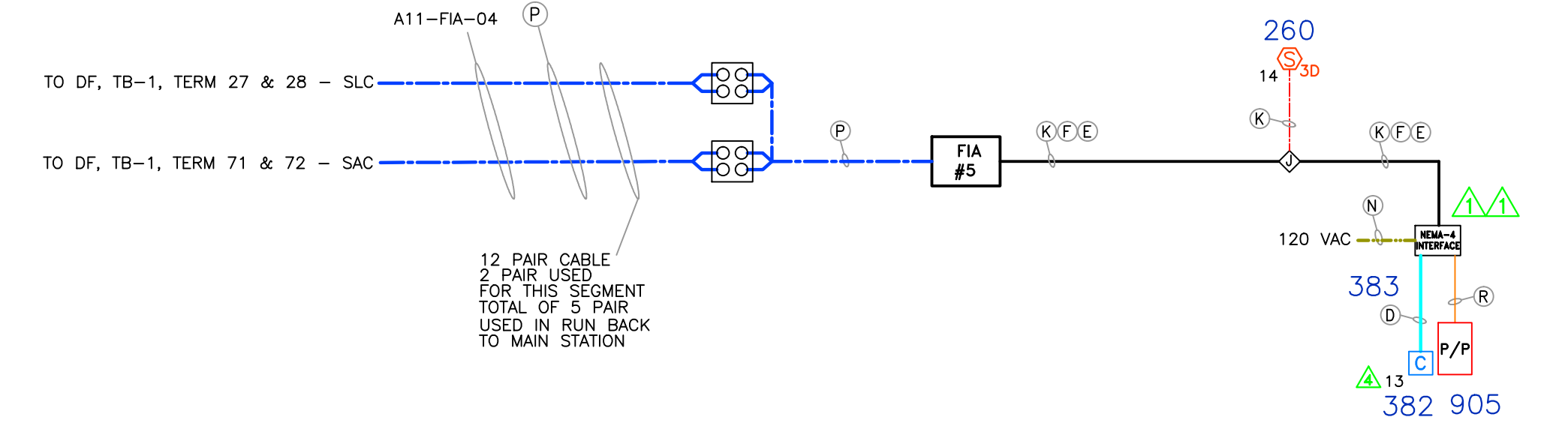
MONTROSE AVENUE TIE BREAKER STATION (546+10)



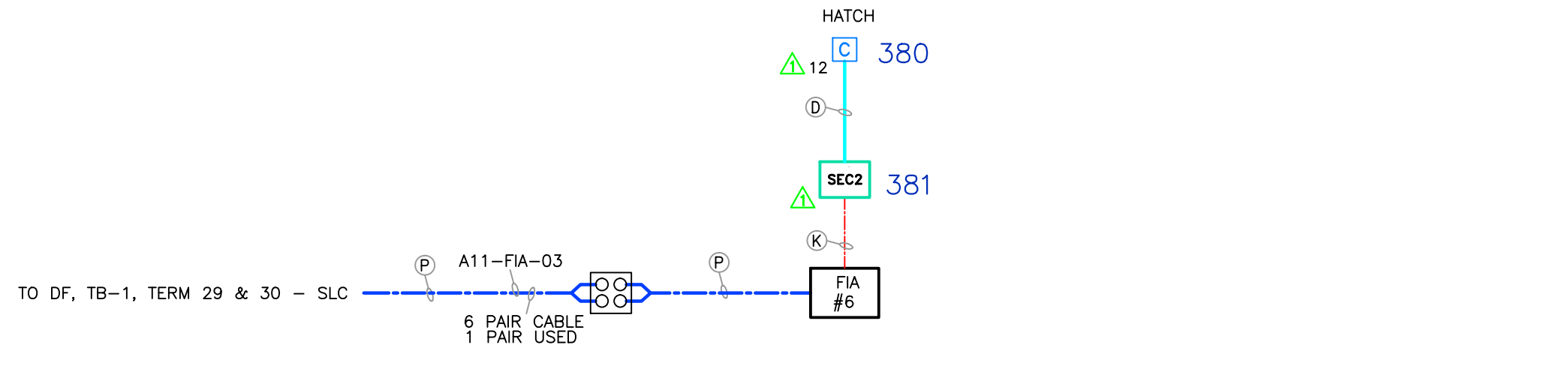
DRAINAGE PUMPING STATION A-8 (604+78)



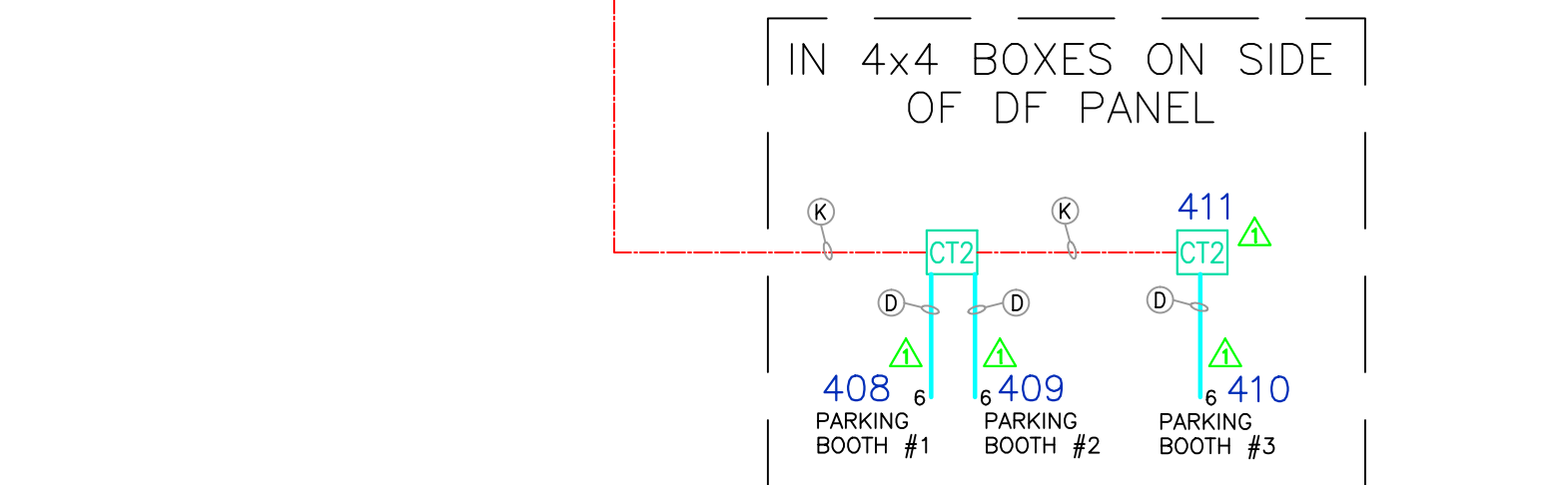
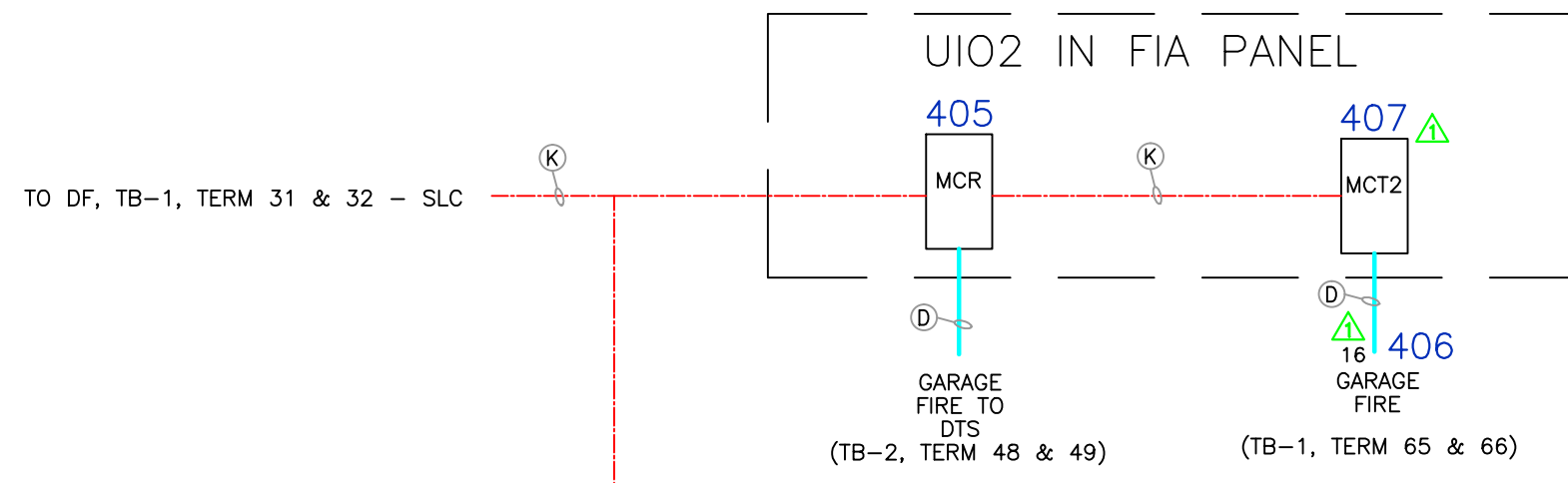
FAN SHAFT A15 (600+64)



FLANDERS AVENUE TIE BREAKER STATION (600+65)



EMERGENCY EXIT A-2 (583+05)



GARAGE & PARKING BOOTHS

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	Drawn:	GN	10/24/06	Dwg. File Name	Title	No.				Date	Description:	Format:	Ancillary Device-Terminal Panel		Scale:	NTS
	Checked:	JBG	10/26/06			A				02/28/07	CHANGES MADE PER WMATA REVIEW	Station:	GROSVENOR STRATHMORE		Sheet:	3 of 3
	Approved:	MCM	10/28/06			B						Station No.:	A11		Rev:	A
						C						DWG No.:	ADT-A11-FIA-005			
						D										

INTERCOM STATION DETAIL



1 - CENTRAL EXCHANGE (CE)

INSTALLATION HOOK-UPS

IISA115600A	WMATA INTER-COMMUNICATION	1-CE CONFIGURATION COVER SHEET / INDEX
IISA115601A	WMATA INTER-COMMUNICATION	SYSTEM BLOCK DIAGRAM, MAJOR EQUIPMENT LIST & CHART ID
IISA115602A	WMATA INTER-COMMUNICATION	PRIMARY KIOSK CABLE ROUTING
IISA115603A	WMATA INTER-COMMUNICATION	CE INTERCONNECTION
IISA115604A	WMATA INTER-COMMUNICATION	PERS INTERCOM WIRING INTERCONNECTIONS
IISA115605A	WMATA INTER-COMMUNICATION	ELEVATOR INTERCOM WIRING INTERCONNECTIONS
IISA115606A	WMATA INTER-COMMUNICATION	IDF INTERCONNECTIONS
IISA115607A	WMATA INTER-COMMUNICATION	CE TO IDF WIRING
IISA115608A	WMATA INTER-COMMUNICATION	CENTRAL EXCHANGE UNIT LAYOUT
IISA115609A	WMATA INTER-COMMUNICATION	KIOSK MASTER STATION TO CE UNIT WIRING DETAILS
IISA115610A	WMATA INTER-COMMUNICATION	KIOSK PAID / UNPAID ENTRY CALL STATION TO CE UNIT WIRING DETAIL
IISA115611A	WMATA INTER-COMMUNICATION	STROBE AND SONALERT TO CE UNIT WIRING DETAIL
IISA115612A-1	WMATA INTER-COMMUNICATION	ELEVATOR CALL STATION WIRING DETAILS (PLAT 1 LEVEL)
IISA115612A-2	WMATA INTER-COMMUNICATION	ELEVATOR CALL STATION WIRING DETAILS (STREET 1 LEVEL)
IISA115612A-3	WMATA INTER-COMMUNICATION	ELEVATOR CALL STATION WIRING DETAILS (CAR PANEL & TOC JACK)
IISA115612A-4	WMATA INTER-COMMUNICATION	ELEVATOR CALL STATION WIRING DETAILS (MACHINE ROOM MASTER STATION)
IISA115613A-1	WMATA INTER-COMMUNICATION	PASSENGER EMERGENCY PERS STATION WIRING DETAILS
IISA115613A-2	WMATA INTER-COMMUNICATION	PASSENGER EMERGENCY PERS STATION WIRING DETAILS

SCHEMATICS

IISA115650A	GE100-16 DC	CENTRAL EXCHANGE (CE #1)
IISA115651A	GEZ100-32 DC	CENTRAL EXCHANGE (CE #2)
IISA115652A	GETA100	SUNSCRIBER CARD
IISA115653A	EE411-DC	MASTER STATION
IISA115654A	EE420-DC	MASTER STATION
IISA115655A	EE442-DC	MASTER STATION
IISA115656A	ET508-DC	CALL UNIT
IISA115657A	LFM-1	FILTER MODULE 1-PORT
IISA115658A	2LM	2-LED MODULE

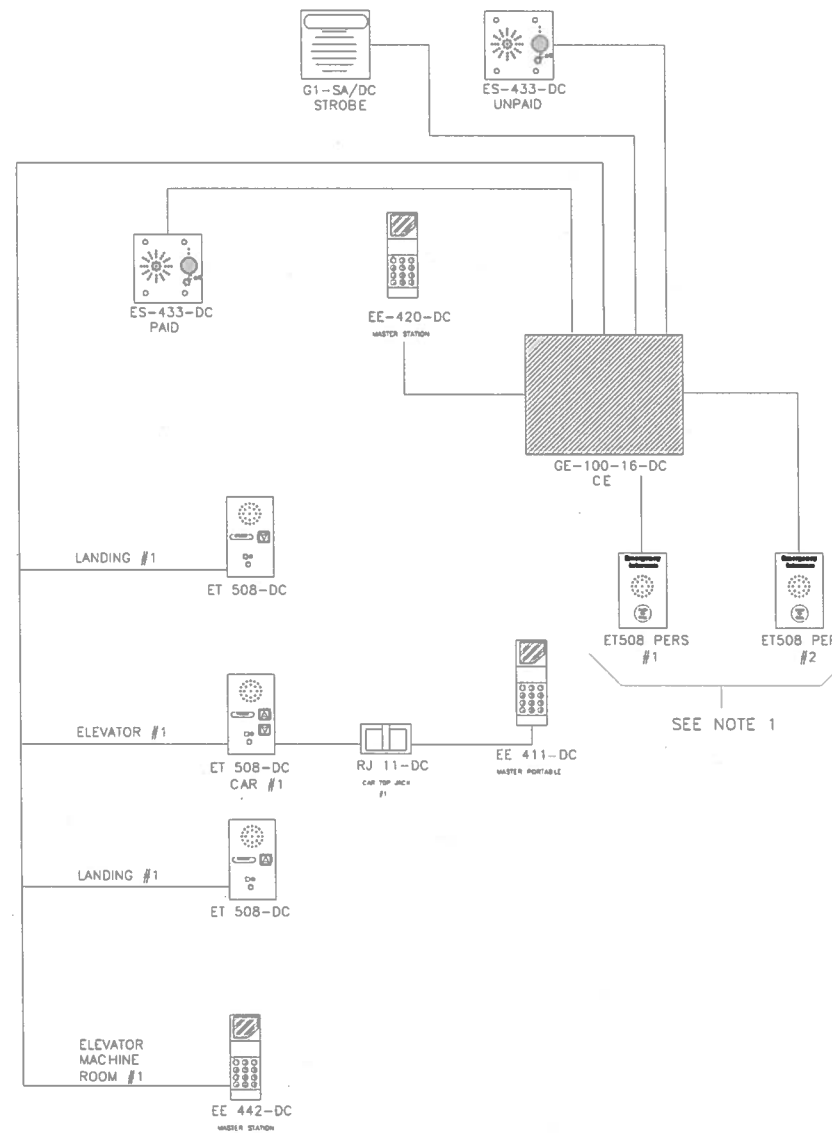
DRAWN: J. LoPIER 11/3/05 CHECKED: _____ DATE APPROVED: _____ DATE APPROVED: _____ DATE	REFERENCE DRAWINGS <small>NUMBER DESCRIPTION</small>	REVISIONS <small>NO. DESCRIPTION BY APP. DATE</small>	CONTRACT NO. FN3020 NEXT ASSY.	WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY 	A11 GROSVENOR WMATA INTER-COMMUNICATION 1-CE CONFIGURATION COVER SHEET / INDEX										
				FILE: _____	 18-30 129 th STREET COLLEGE POINT NY 11356 DRAWING NO. 23534A11A001	<table border="1" style="font-size: 8px;"> <tr> <td>SIZE</td> <td>SCALE</td> <td>WMATA DRAWING NO.</td> <td>SHEET</td> <td>REV.</td> </tr> <tr> <td>D</td> <td>NONE</td> <td>IISA115600A</td> <td>1 OF 1</td> <td>-</td> </tr> </table>	SIZE	SCALE	WMATA DRAWING NO.	SHEET	REV.	D	NONE	IISA115600A	1 OF 1
SIZE	SCALE	WMATA DRAWING NO.	SHEET	REV.											
D	NONE	IISA115600A	1 OF 1	-											

MAJOR EQUIPMENT LIST

RAMEX PART #	DESCRIPTION
GE100-16DC	CENTRAL EXCHANGE EQUIPPED FOR 16 STATIONS
GEZI-100-32DC	EXPANSION EXCHANGE EQUIPPED FOR ADD'L 16 STATIONS
G1-SA-DC	CALL PLACEMENT STROBE WITH SONALERT
EE420-DC	KIOSK MASTER STATION, WALL UNIT
EE442-DC	MACHINE ROOM MASTER STATION, WALL UNIT
EE411-DC	PORTABLE TOP OF CAR MASTER STATION
R22030-DC	WALL ENCLOSURE, TOP OF CAR MASTER STATION
ES433-DC	KIOSK, PAID / UNPAID CALL STATION
ET508-DC	ELEVATOR CAR, LANDING, CALL STATION
ET508-PERS	PASSENGER EMERGENCY STATION, PERS
RJ11-DC	TOP OF CAR RECEPTACLE FOR EE411-DC
ENC100K-DC	ENCLOSURE WITH INTERCONNECTING PCB ASSEMBLY
ADA BRAILLE DECALS	BRAILLE DECAL ON ELEV CAR PANEL, MEZZ, STREET, PLAT
ADA BRAILLE EMER DECALS	BRAILLE DECAL ON ELEVATOR CAR PANEL
CALL BUTTONS	CALL BUTTON, ELEVATOR PANEL, MEZZANINE, STREET, PLAT
R18096	IDF #1 USED FOR INTERCONNECTING IN KIOSK
R18097	IDF #2 USED FOR INTERCONNECTING IN KIOSK
R10024	SHELF WITH POWER SUPPLY & AC POWER STRIP

CHART ID

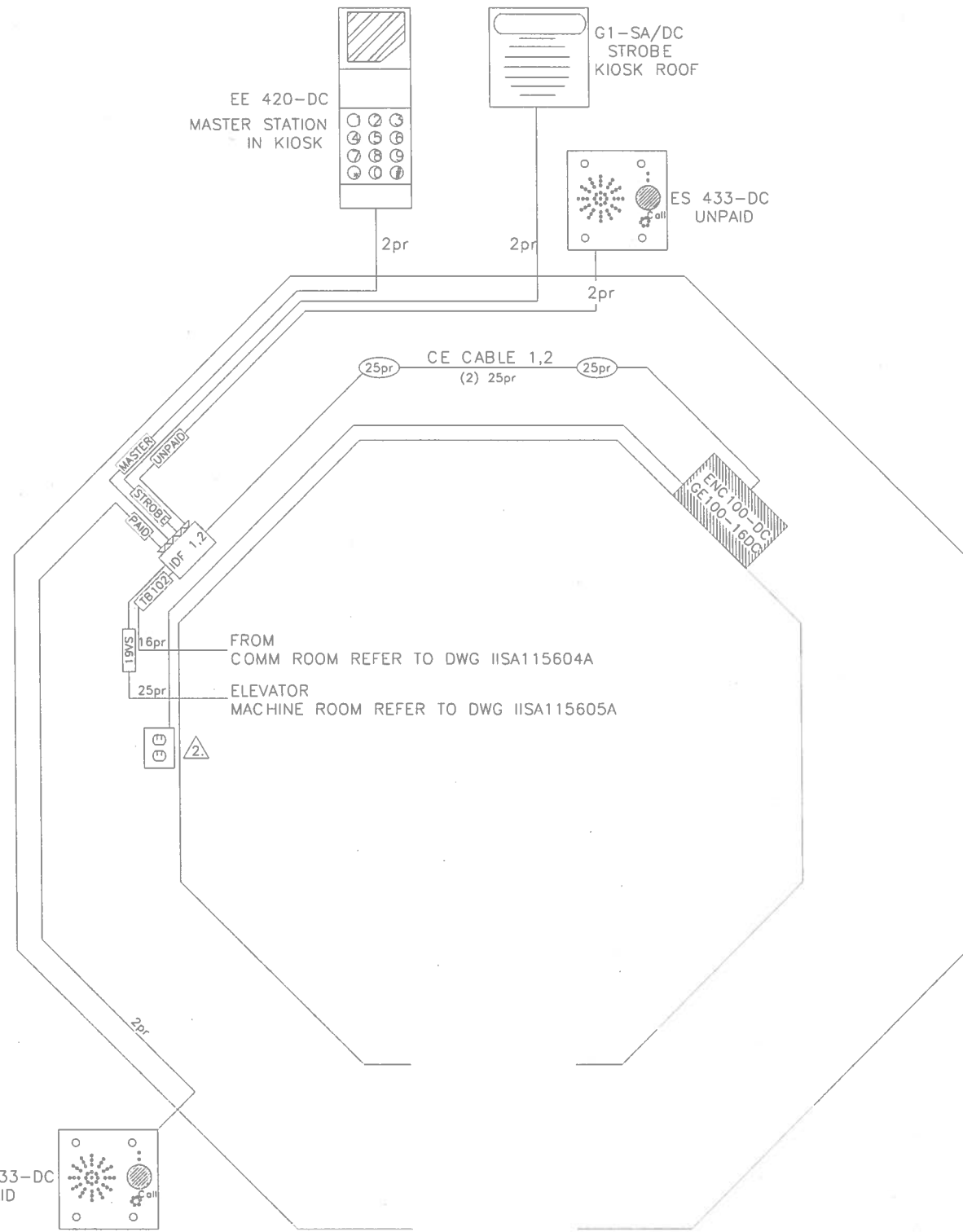
LOCATION	UNIT DISPLAY ID	INTERCOM EXTENSION
MASTER/CALL STATION	UP TO 6 CHARACTERS	2-DIGITS
KIOSK	KIOSK1	10
PAID PASSENGER	PAID 1	12
UNPAID PASSENGER	UNPD 1	11
PERS #1	PERS 1	41
PERS #2	PERS 2	42
PERS #3	PERS 3	43
PERS #4	PERS 4	44
MACHINE ROOM #1	M/R 1	20
TOP OF CAR #1	CAR 1	22
MASTER CALL STATION	CAR 1	22
CAR INTERCOM #1	CAR 1	22
MEZZANINE LANDING #1	MEZZ 1	23
PLATFORM LANDING #1	PLAT 1	21
STREET LANDING #1	STRET 1	24
MACHINE ROOM #2	M/R 2	30
TOP OF CAR #2	CAR 2	32
MASTER CALL STATION	CAR 2	32
CAR INTERCOM #2	CAR 2	32
MEZZANINE LANDING #2	MEZZ 2	33
PLATFORM LANDING #2	PLAT 2	31
STREET LANDING #2	STRET 2	34
GROUP CALLS		
ALL STATION GROUP PAGE		010
MASTER STATION GROUP PAGE		011
ELEVATOR STATION GROUP PAGE		012
PERS STATION GROUP PAGE		013
UNPAID/PAID GROUP PAGE		014



NOTES:

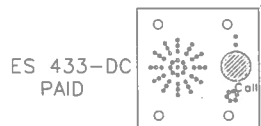
1. TYPICAL PERS LAYOUT. MAX 4 PERS PER 1-CE CONFIGURATION
2. TYPICAL ELEV LAYOUT. MAX 2 ELEV & ASSOCIATED CALL UNITS PER 1-CE CONFIG.
3. ADA DECALS & CALL BUTTON PART #'S ARE XXXX ON STATION DWG'S
4. TYPICAL ELEV LAYOUT. MAX 2 ELEV & ASSOCIATED CALL UNITS PER 1-CE CONFIG.



DRAWN: J. LaPIER 11/3/05 CHECKED: _____ APPROVED: _____ APPROVED: _____	REFERENCE DRAWINGS	REVISIONS				CONTRACT NO. FN3020	WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY		 18-30 129 th STREET COLLEGE POINT NY 11356	WMATA INTER-COMMUNICATION SYSTEM BLOCK DIAGRAM, MAJOR EQUIPMENT LIST & CHART ID			
	NUMBER	DESCRIPTION	NO.	DESCRIPTION	BY	APP.	DATE	FILE:		DRAWING NO. 24534A11A002	SIZE D	SCALE NONE	WMATA DRAWING NO. IISA115601A



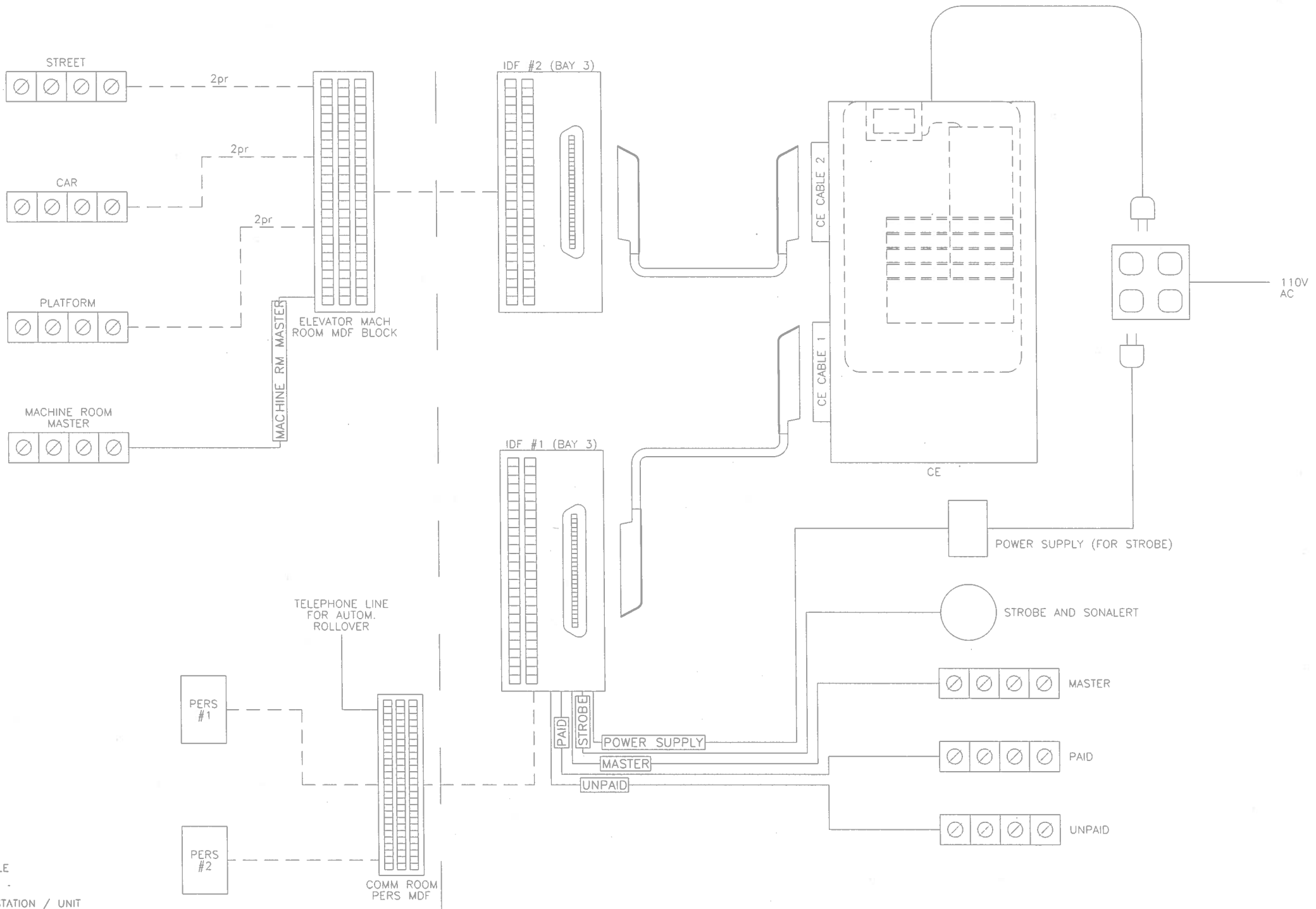
NOTES:

- 1. PAID UNIT LOCATION VARIES.
- △ AC POWER OUTLET SHOWN REPRESENTS POWER STRIP ON CE SHELF AND AC OUTLET AT REAR OF VIDEO MONITORS.



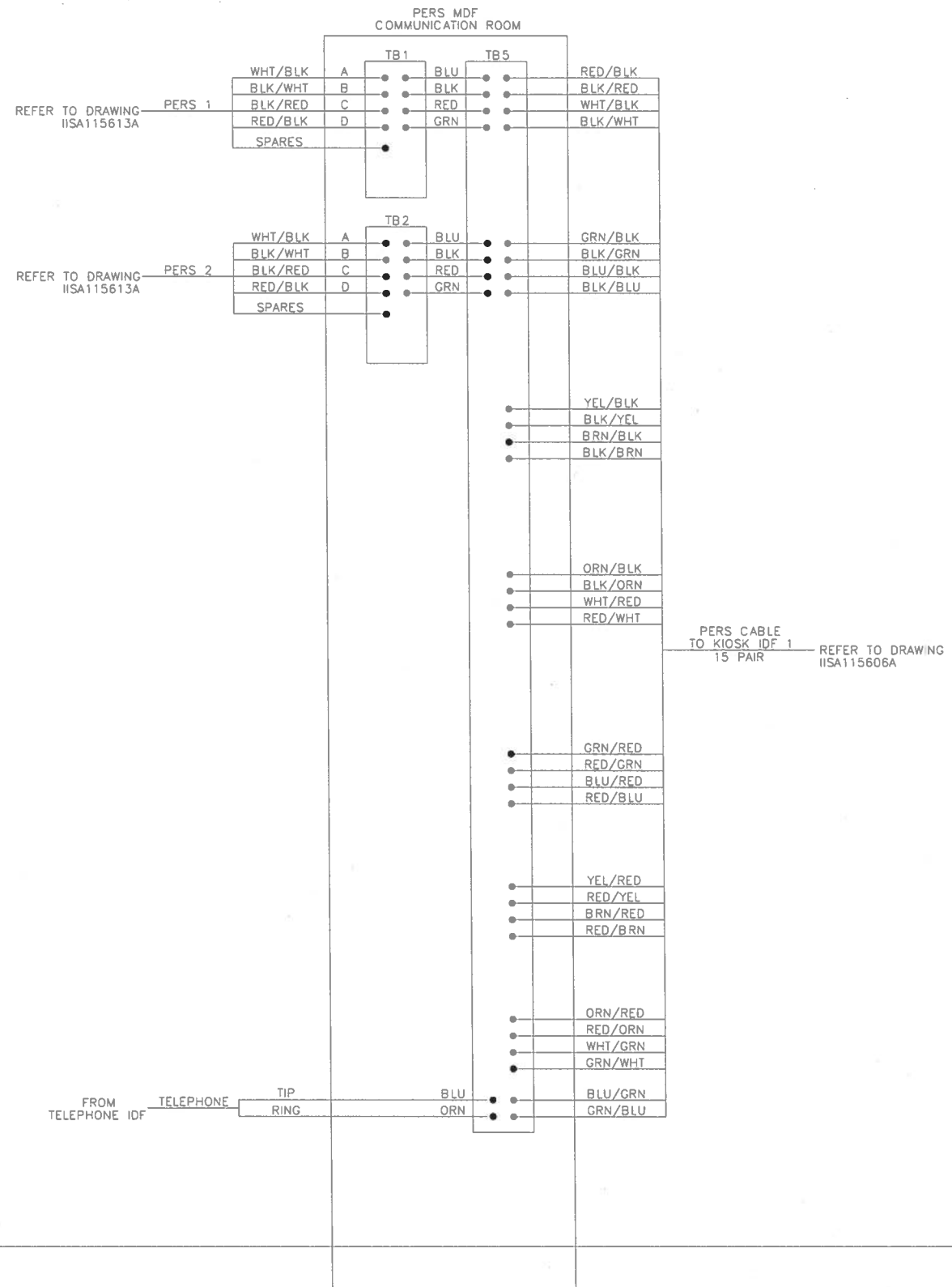
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			INITIAL RELEASE			NEXT ASSY.	  18-30 129 th STREET COLLEGE POINT NY 11356				
						DRAWING NO. 24534A11A003	SIZE D	SCALE NONE	WMATA DRAWING NO. IISA115602A	SHEET 1 OF 1	REV. -

KIOSK



- NOTES:
1. EXISTING CABLE
 NEW CABLE
 2. REFER TO EACH INDIVIDUAL STATION / UNIT FOR CABLE DETAIL
 3. TYPICAL PERS LAYOUT.
MAX 2 ELEV & ASSOCIATED CALL UNITS PER 1-CE CONFIG.

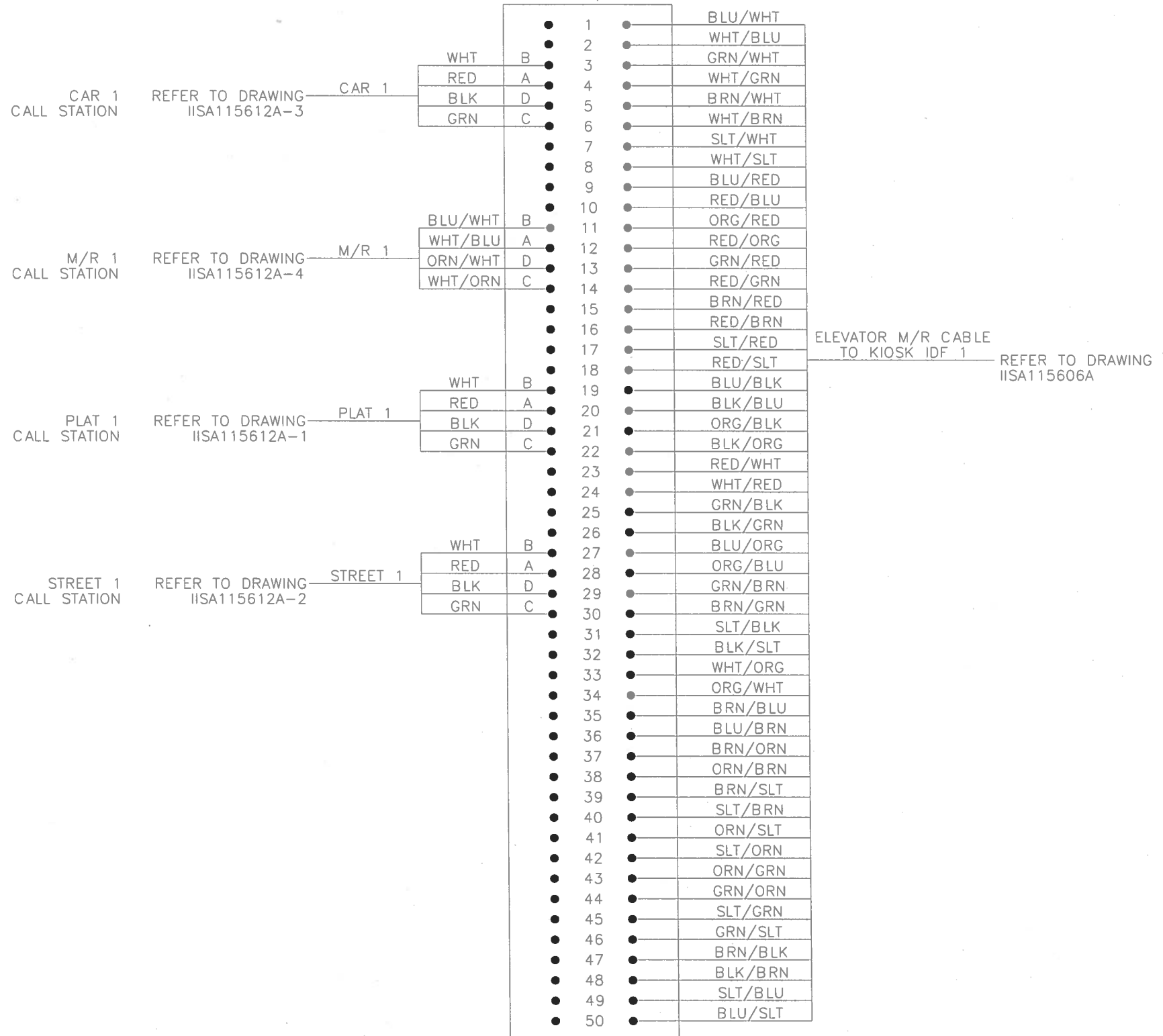
DRAWN: J. LOPIER 11/3/05 CHECKED: _____ APPROVED: _____ APPROVED: _____	REFERENCE DRAWINGS		REVISIONS				CONTRACT NO. FN3020	WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY		 18-30 129th STREET COLLEGE POINT NY 11356 DRAWING NO. 24534A11A004	WMATA INTER-COMMUNICATION CE INTERCONNECTION	SIZE: D SCALE: NONE WMATA DRAWING NO.: IISA115603A SHEET: 1 OF 1 REV: -
	NUMBER	DESCRIPTION	NO.	DESCRIPTION	BY	APP.	DATE	NEXT ASSY.	FILE:			
			-	INITIAL RELEASE								







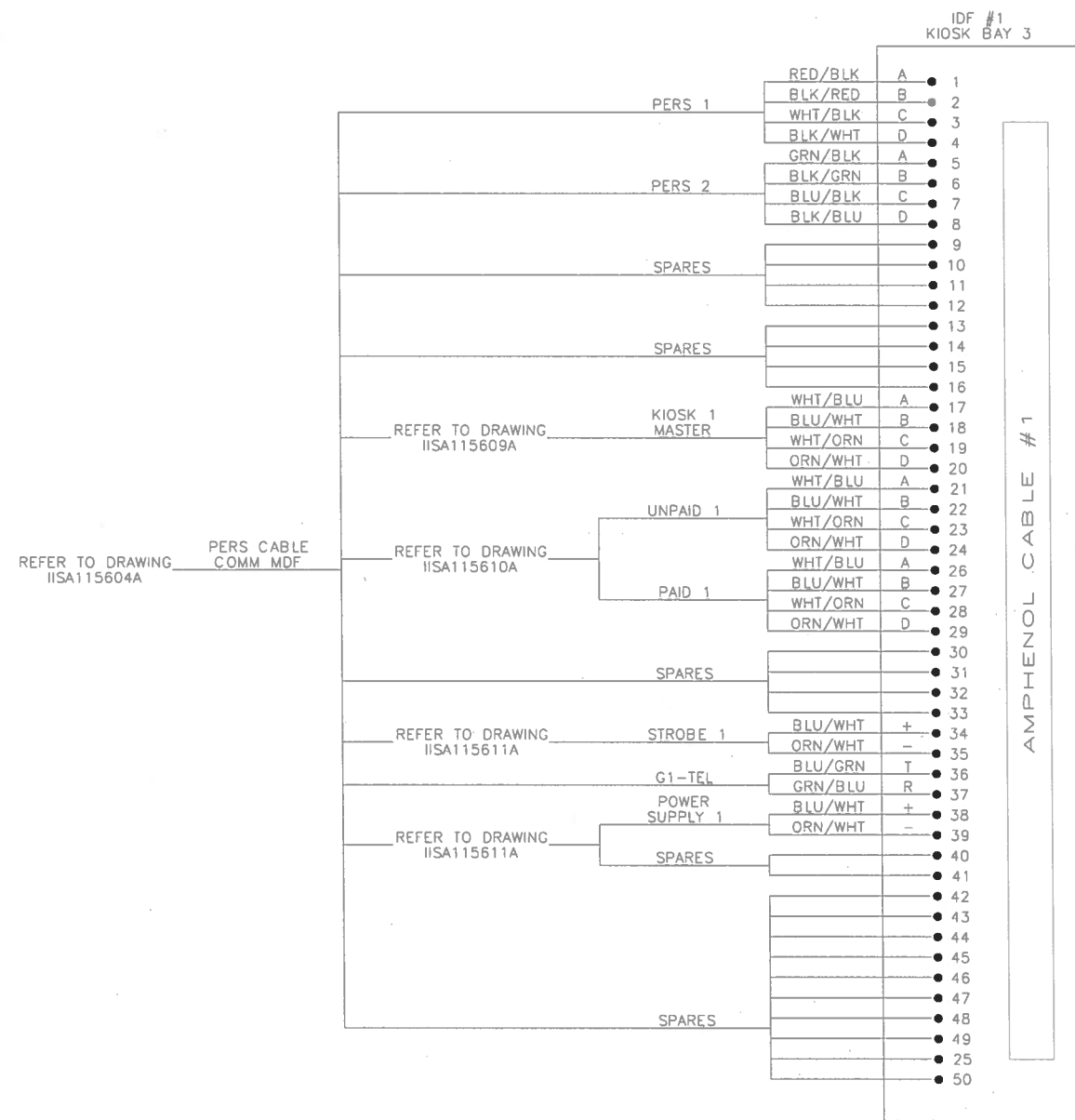
Notes:
1. In a 2 PERS Configuration, only PERS 1 & PERS 2 are connected

DRAWN: J. LaPIER 11/3/05 CHECKED: _____ DATE APPROVED: _____ DATE APPROVED: _____ DATE	REFERENCE DRAWINGS NUMBER DESCRIPTION NO. DESCRIPTION BY APP. DATE	REVISIONS - INITIAL RELEASE	CONTRACT NO. FN3020	WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY	WMATA INTER-COMMUNICATION PERS INTERCOM WIRING INTERCONNECTIONS
	NEXT ASSY.			18-30 129 th STREET COLLEGE POINT NY 11356	
FILE:	DRAWING NO. 24534A11A005	SIZE SCALE WMATA DRAWING NO. SHEET REV. D NONE IISA115604A 1 OF 1 -			

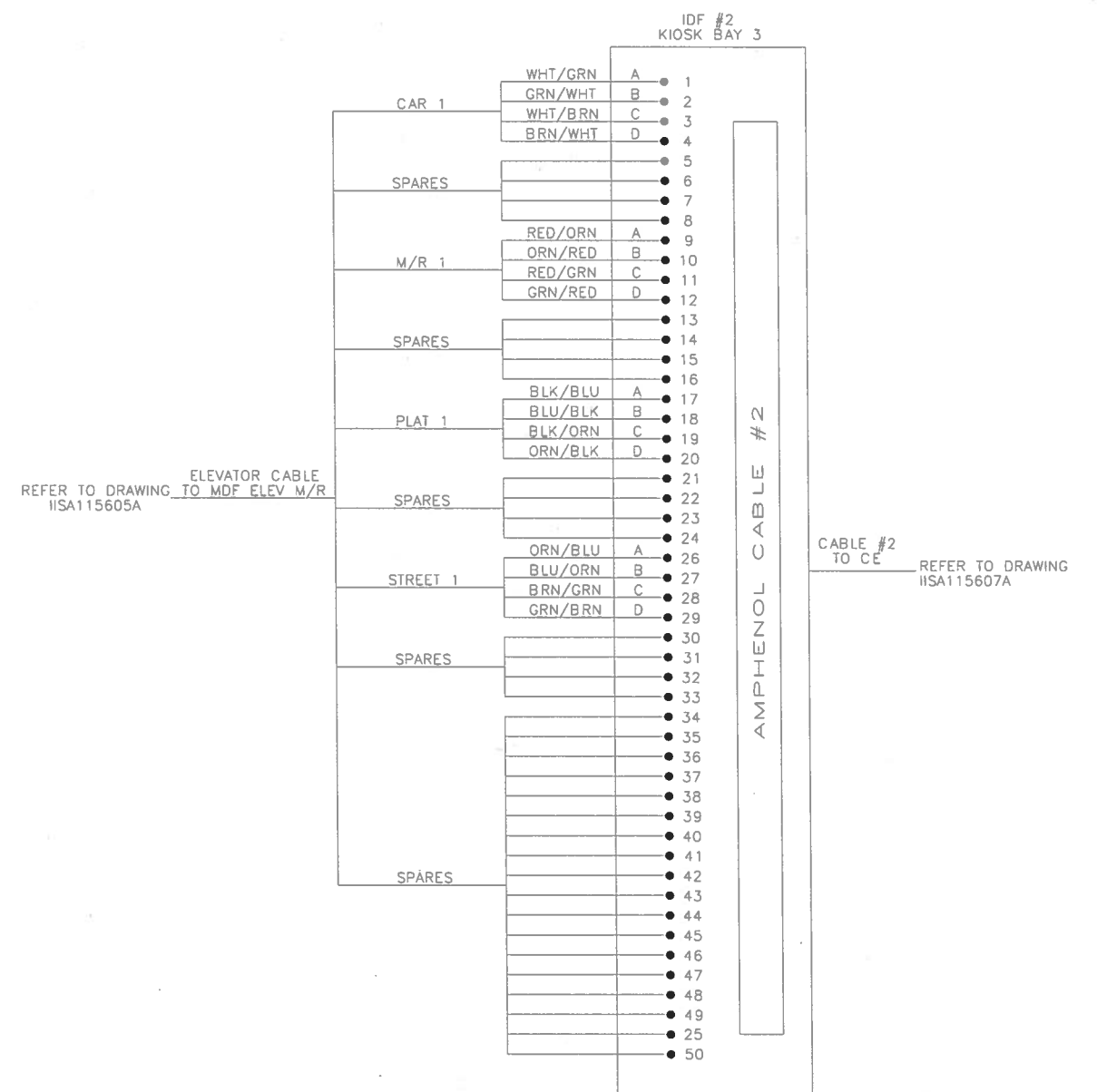
ELEVATOR MACHINE ROOM MDF





DRAWN: J. LaPIER 11/3/05 CHECKED: _____ APPROVED: _____ APPROVED: _____	REFERENCE DRAWINGS			REVISIONS				CONTRACT NO. FN3020	WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY		WMATA INTER-COMMUNICATION ELEVATOR INTERCOM WIRING INTERCONNECTIONS	
	NUMBER	DESCRIPTION	NO.	DESCRIPTION	BY	APP.	DATE	NEXT ASSY.	  18-30 129 th STREET COLLEGE POINT NY 11356			
			-	INITIAL RELEASE								
								FILE:	  18-30 129 th STREET COLLEGE POINT NY 11356	DRAWING NO. 24534A11A006	SIZE: D SCALE: NONE WMATA DRAWING NO. IISA115605A	SHEET: 1 OF 1 REV: -



CABLE #1 TO CE REFER TO DRAWING IISA115607A





DRAWN: J. LoPIER 11/3/05 CHECKED: _____ DATE APPROVED: _____ DATE APPROVED: _____ DATE	REFERENCE DRAWINGS NUMBER DESCRIPTION		REVISIONS NO. DESCRIPTION BY APP DATE				CONTRACT NO. FN3020	WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY		WMATA INTER-COMMUNICATION IDF INTERCONNECTIONS			
			- INITIAL RELEASE				NEXT ASSY.	  18-30 129 th STREET COLLEGE POINT NY 11356					
								DRAWING NO. 24534A11A007	SIZE D	SCALE NONE	WMATA DRAWING NO. IISA115606A	SHEET 1 OF 1	REV. -

MAIN UNIT
CE #1

one> one> one> one> one>
one> one> one> one> one>
one> one> one> one> one>
one> one> one> one> one>

A
B
C
D

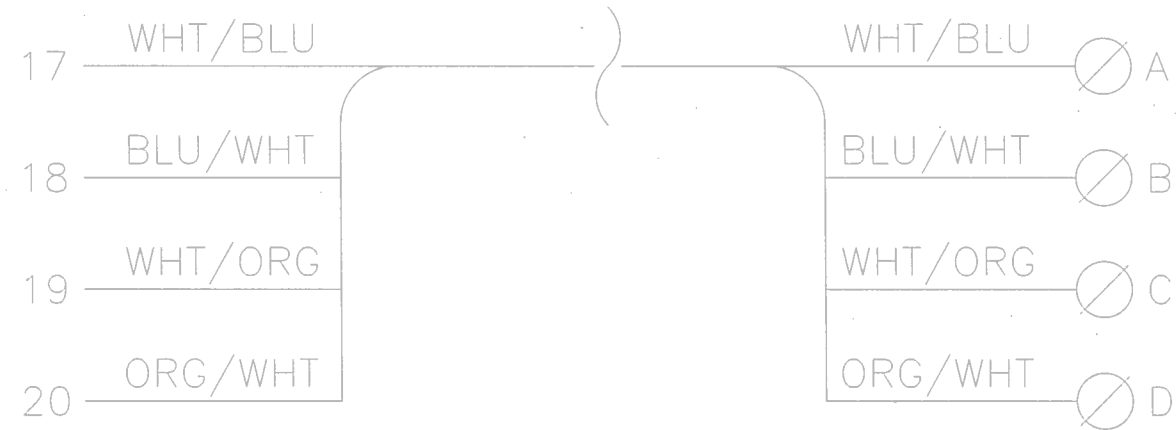
DRAWN: J. LoPIER 11/3/05 CHECKED: _____ DATE APPROVED: _____ DATE APPROVED: _____ DATE	REFERENCE DRAWINGS NUMBER DESCRIPTION NO. DESCRIPTION		REVISIONS NO. BY APP. DATE DESCRIPTION				CONTRACT NO. FN3020	WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY		WMATA INTER-COMMUNICATION CENTRAL EXCHANGE UNIT LAYOUT				
	- INITIAL RELEASE						NEXT ASSY. -	  18-30 129 th STREET COLLEGE POINT NY 11356						DRAWING NO. 24534A11B009

KIOSK

KIOSK MASTER STATION




IDF #1

EE420-DC



NOTES:



DRAWN: J. LoPIER 11/3/05 CHECKED: _____ DATE _____ APPROVED: _____ DATE _____ APPROVED: _____ DATE _____	REFERENCE DRAWINGS		REVISIONS				CONTRACT NO. FN3020	WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY		WMATA INTER-COMMUNICATION KIOSK MASTER STATION TO CE UNIT WIRING DETAILS					
	NUMBER	DESCRIPTION	NO.	DESCRIPTION	BY	APP.	DATE	NEXT ASSY.			 18-30 129 th STREET COLLEGE POINT NY 11356				
			1	INITIAL RELEASE						DRAWING NO. 24534A11C009	SIZE D	SCALE NONE	WMATA DRAWING NO. IISA115609A	SHEET 1 OF 1	REV. -

KIOSK

UNPAID ENTRY

KIOSK

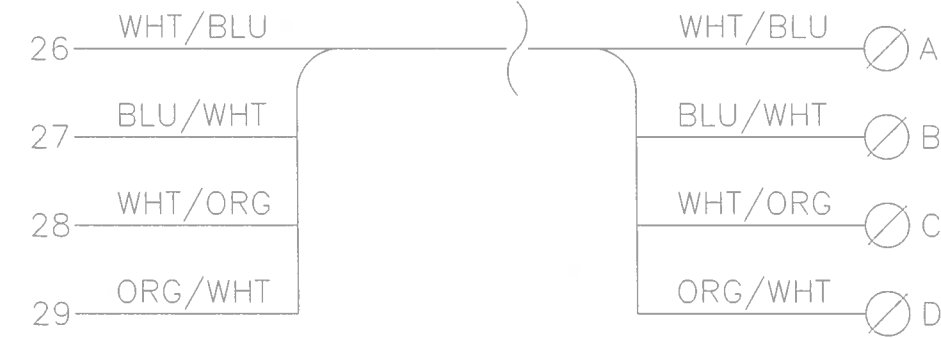
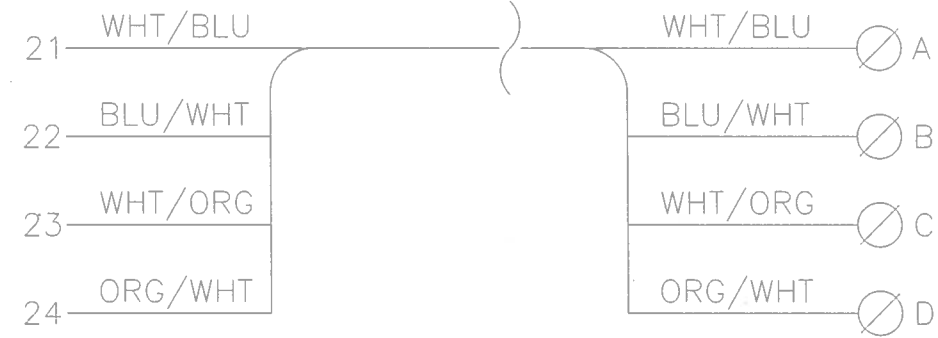
PAID ENTRY

IDF #1

ES433-DC

IDF #1



ES433-DC



NOTES:



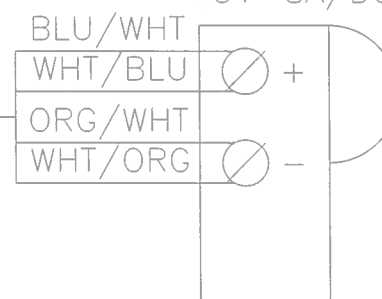
26 — POSITION ON IDF #1

DRAWN: J. LOPIER 11/3/95 CHECKED: _____ DATE _____ APPROVED: _____ DATE _____ APPROVED: _____ DATE _____	REFERENCE DRAWINGS NUMBER DESCRIPTION NO. DESCRIPTION BY APP DATE		REVISIONS NO. DESCRIPTION BY APP DATE		CONTRACT NO. FN3020	WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY		WMATA INTER-COMMUNICATION KIOSK PAID / UNPAID ENTRY CALL STATION TO CE UNIT WIRING DETAIL	
			- INITIAL RELEASE		NEXT ASSY.	  18-30 129 th STREET COLLEGE POINT NY 11356			

IDF #1



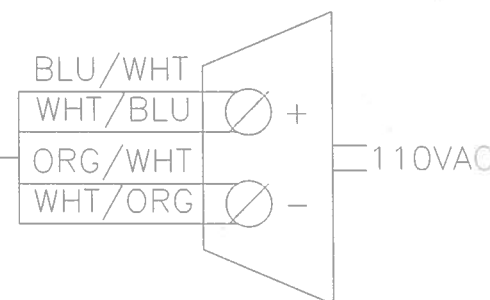
G1-SA/DC STROBE



IDF #1





POWER SUPPLY RF24A



NOTES:



38 POSITION ON IDF #1

DRAWN: J. LoPIER 11/3/05 CHECKED: _____ DATE _____ APPROVED: _____ DATE _____ APPROVED: _____ DATE _____	REFERENCE DRAWINGS NUMBER DESCRIPTION NO. DESCRIPTION BY APP. DATE		REVISIONS NO. DESCRIPTION BY APP. DATE		CONTRACT NO. FN3020	WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY		WMATA INTER-COMMUNICATION STROBE AND SONALERT TO CE UNIT WIRING DETAIL				
					NEXT ASSY.	  18-30 129 th STREET COLLEGE POINT NY 11356				DRAWING NO. 24534A11C011	SIZE D	SCALE NONE

KIOSK

ELEV.
M/R

PLAT 1 LEVEL
CALL STATION

IDF #2

19VS M/R
BLOCK

ET508-DC (#1)

17 BLK/BLU
18 BLU/BLK
19 BLK/ORG
20 ORG/BLK

BLK/BLU 20 RED
BLU/BLK 19 WHT
BLK/ORG 22 GRN
ORG/BLK 21 BLK
RED N/C SHLD

EXISTING
CABLE

RED A
WHT B
GRN C
BLK D
SHLD N/C



NOTES:

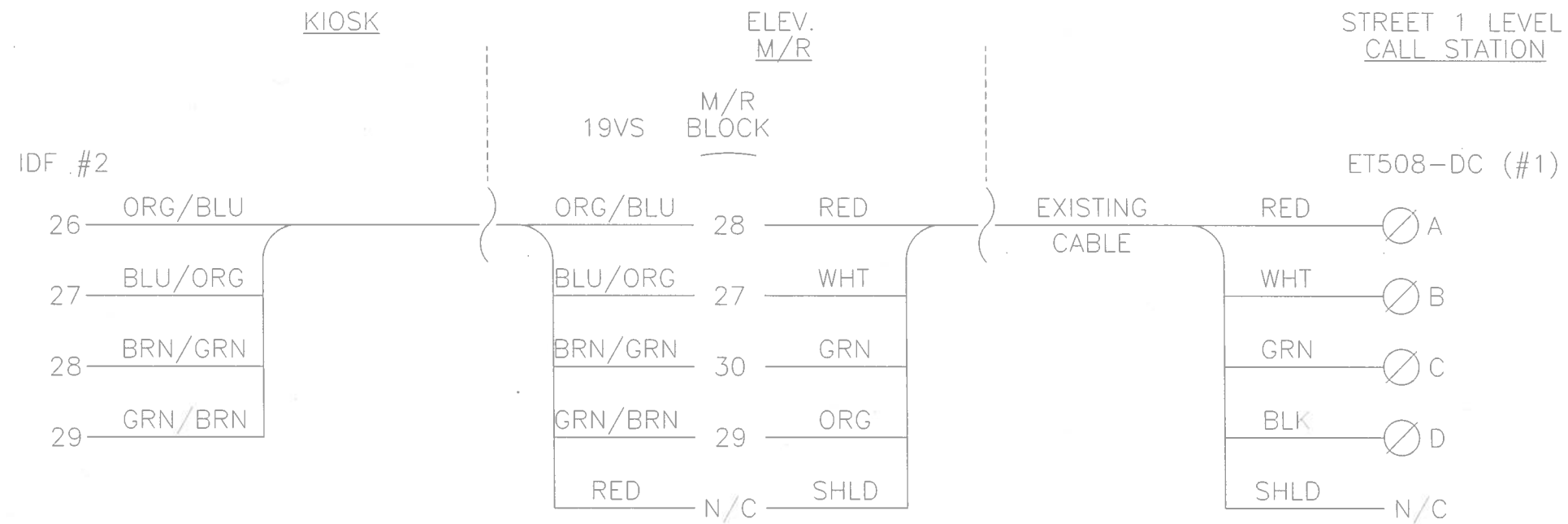


POSITION ON IDF #2
(CE)




POSITION ON PUNCH BLOCK TERMINAL
(M/R)



DRAWN: J. LoPIER 11/3/05 CHECKED: _____ DATE _____ APPROVED: _____ DATE _____ APPROVED: _____ DATE _____	REFERENCE DRAWINGS NUMBER DESCRIPTION		REVISIONS NO. DESCRIPTION BY APP. DATE				CONTRACT NO. FN3020	WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY		WMATA INTER-COMMUNICATION ELEVATOR CALL STATION WIRING DETAILS (PLAT 1 LEVEL)	
			INITIAL RELEASE				NEXT ASSY.	  18-30 129 th STREET COLLEGE POINT NY 11356			
						DRAWING NO. 24534A11C012-1	SIZE D	SCALE NONE	WMATA DRAWING NO. IISA115612A-1	SHEET 1 OF 4	REV -



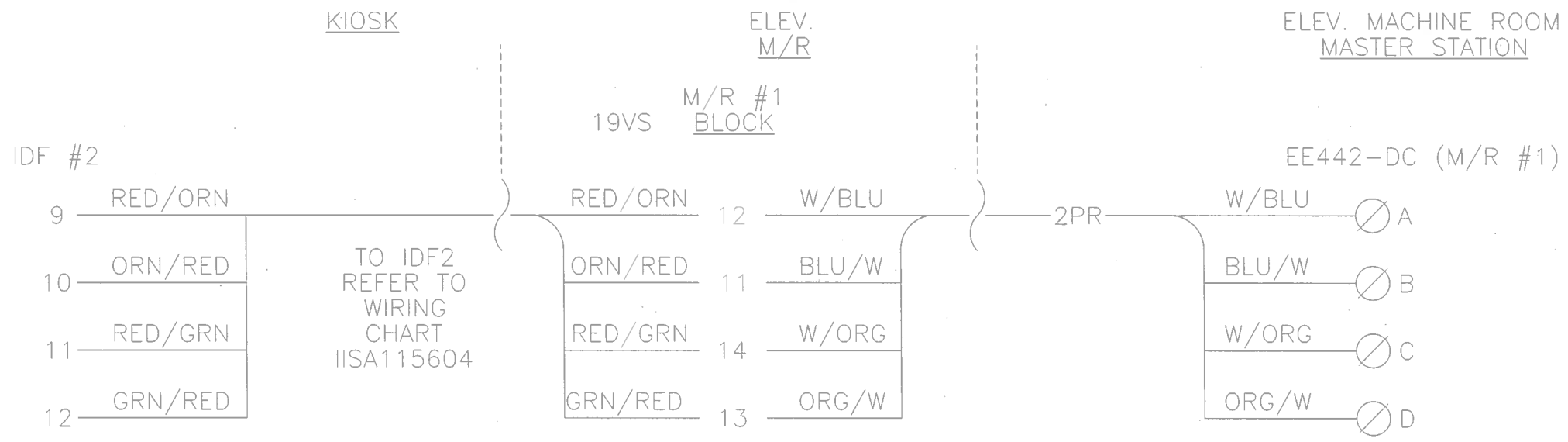
NOTES:
 SCREW TERMINAL

 POSITION ON IDF #2 (CE)

 POSITION ON PUNCH BLOCK TERMINAL (M/R)

DRAWN: J. LoPIER 11/3/05 DATE	REFERENCE DRAWINGS		REVISIONS				CONTRACT NO. FN3020	WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY		  18-30 129 th STREET COLLEGE POINT NY 11356 DRAWING NO. 24534A11C012-2	SIZE	SCALE	WMATA DRAWING NO.	SHEET	REV.
	CHECKED: _____ DATE	NUMBER	DESCRIPTION	NO.	DESCRIPTION	BY	APP.	DATE	D		NONE	IISA115612A-2	2 OF 4	-	
APPROVED: _____ DATE				INITIAL RELEASE											
APPROVED: _____ DATE															

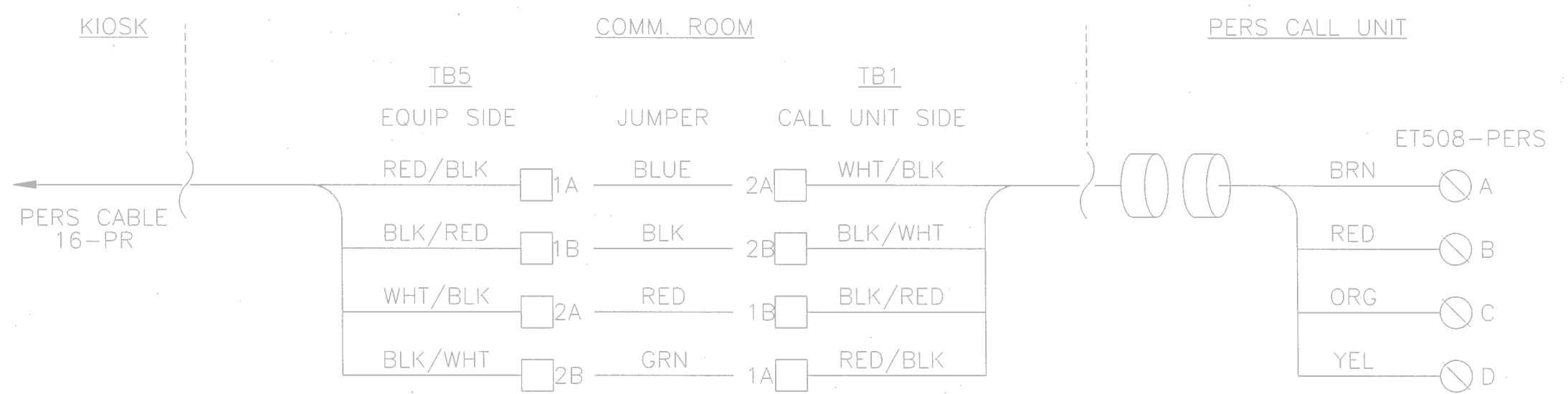
WMATA INTER-COMMUNICATION
 ELEVATOR CALL STATION WIRING
 DETAIL (STREET 1 LEVEL)



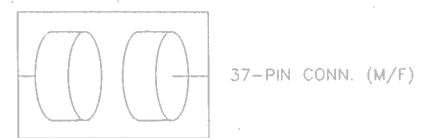
NOTES:



- SCREW TERMINAL
- POSITION ON IDF #2 (CE)
- POSITION ON PUNCH BLOCK TERMINAL (M/R)

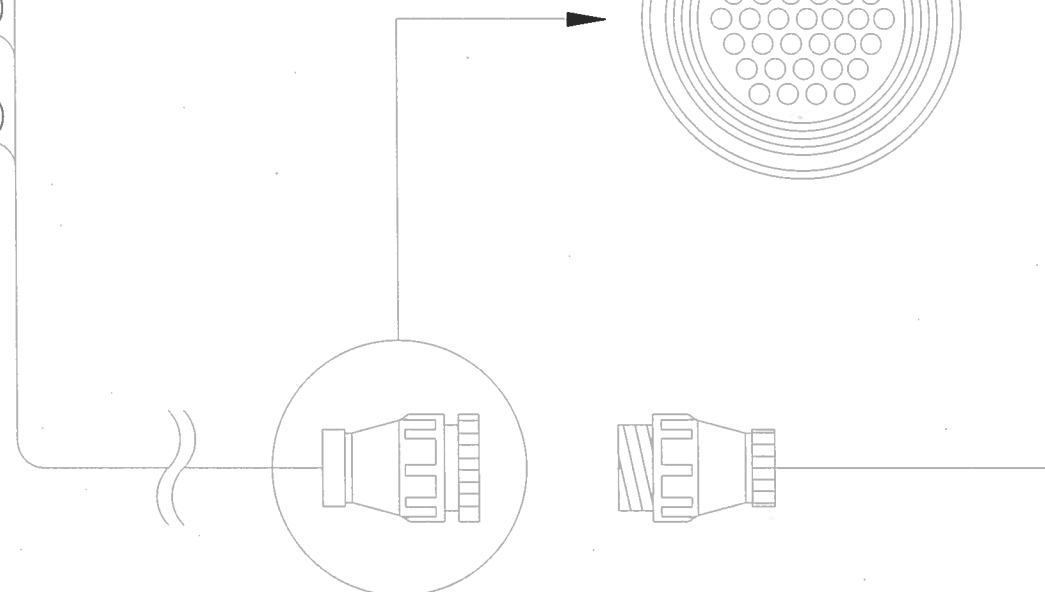
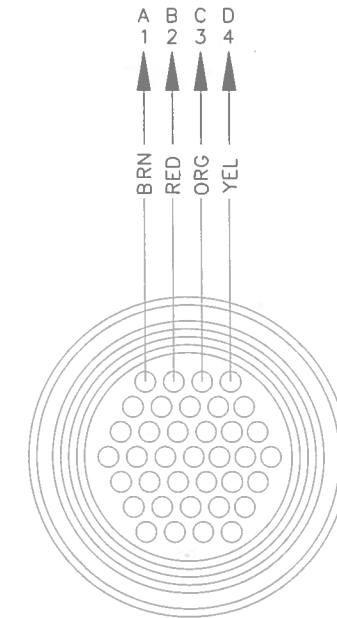
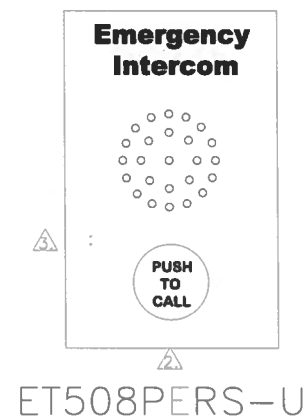
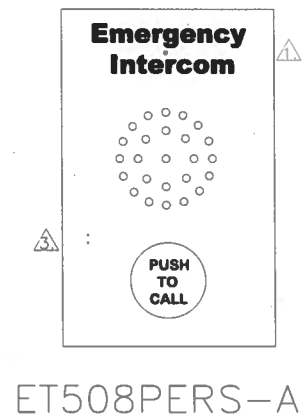
DRAWN: J. LAPIER 11/3/05 CHECKED: _____ DATE _____ APPROVED: _____ DATE _____ APPROVED: _____ DATE _____	REFERENCE DRAWINGS NUMBER DESCRIPTION NO. DESCRIPTION BY APP. DATE		REVISIONS NO. DESCRIPTION BY APP. DATE		CONTRACT NO. FN3020 NEXT ASSY. _____ FILE: _____	WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY 		Ramex 18-30 129 th STREET COLLEGE POINT NY 11356 DRAWING NO. 24534A11C012-4		SIZE D SCALE NONE	WMATA DRAWING NO. IISA115612A-4	SHEET 4 OF 4	REV. -
	INITIAL RELEASE		INITIAL RELEASE		WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY 		WMATA INTER-COMMUNICATION ELEVATOR CALL STATION WIRING DET. (MACHINE RM MASTER STATION)		WMATA DRAWING NO. IISA115612A-4		SHEET 4 OF 4	REV. -	



NOTES:



DRAWN: J. LoPIER 11/3/05 CHECKED: _____ DATE APPROVED: _____ DATE APPROVED: _____ DATE	REFERENCE DRAWINGS		REVISIONS				CONTRACT NO. FN3020	WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY		WMATA INTER-COMMUNICATION PASSENGER EMERGENCY PERS STATION WIRING DETAILS	SIZE: D SCALE: NONE WMATA DRAWING NO.: IISA115613A-1 SHEET: 1 OF 2 REV: -
	NUMBER	DESCRIPTION	NO.	DESCRIPTION	BY	APP.	DATE	NEXT ASSY.	  18-30 129th STREET COLLEGE POINT NY 11356 DRAWING NO.: 24534A11C013-1		
			-	INITIAL RELEASE							



REFER TO IISA115604A

NOTES:

SCREW TERMINAL

37-PIN CONN. (M/F)

NOTES:

PART # ET508PERS-A REFERS TO UNIT ABOVE GROUND (MIC ON BASE)

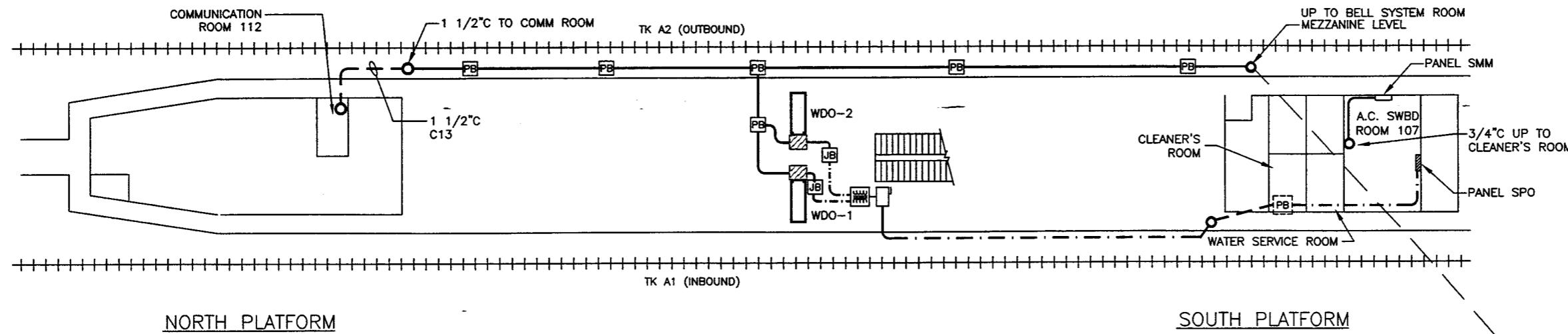
PART # ET508PERS-U REFERS TO UNIT BELOW GROUND (MIC ON FRONT)

CALL PLACEMENT / CALL CONNECTION LED

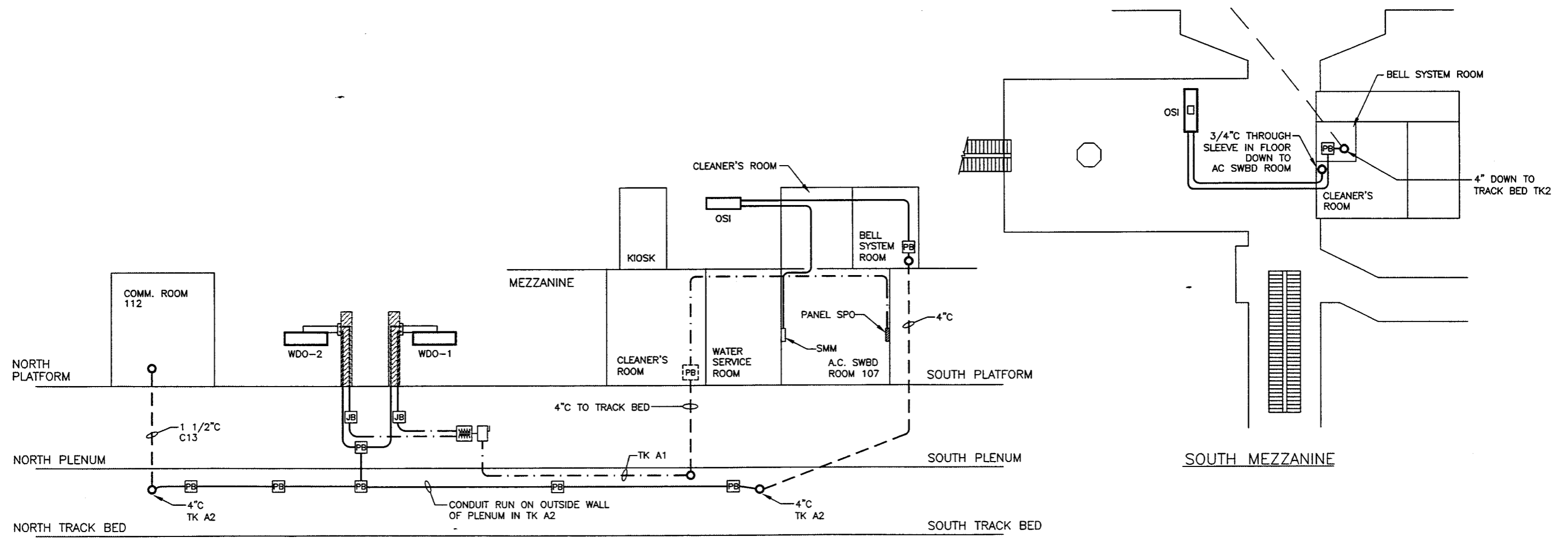
DRAWN: J. LOPIER 11/3/05 CHECKED: _____ DATE APPROVED: _____ DATE APPROVED: _____ DATE	REFERENCE DRAWINGS NUMBER DESCRIPTION NO. DESCRIPTION		REVISIONS NO. DESCRIPTION BY APP. DATE				CONTRACT NO. FN3020	WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY		WMATA INTER-COMMUNICATION PASSENGER EMERGENCY PERS STATION WIRING DETAILS					
			- INITIAL RELEASE				NEXT ASSY. -							 18-30 129 th STREET COLLEGE POINT NY 11356 DRAWING NO. 24534A11C013-2	

WASHINGTON METRO REA TRANSIT AUTHORITY
PASSENGER INFORMATION DISPLAY SYSTEM (PIDS)
ELECTRICAL POWER PANELS

	A	B	C	D	E	F	G
1	STATION	SIGN LOCATION	ROOM NO.	PANEL NO.	VOLTAGE	CIRCUIT NO.	REMARKS
2	A01 METRO CENTER	MEZZANINE EAST (11TH & G)	E200	EF	120	20	WALKWAY EQUIP ROOM
3	A01 METRO CENTER	MEZZANINE WEST (13TH & G) R	W200	WF	120	20	WALKWAY EQUIP ROOM
4	A01 METRO CENTER	PLATFORM (TRACK A1)	E103	EPO	480	12	AC SWITCHBOARD ROOM
5	A01 METRO CENTER	PLATFORM (TRACK A2)	W207	WHB	480	8	MECHANICAL EQUIPMENT ROOM
6							
7	A02 FARRAGUT NORTH	MEZZANINE NORTH	256	FARE VEND #1	120	36	AC SWITCHBOARD ROOM (NORTH MEZZANINE)
8	A02 FARRAGUT NORTH	MEZZANINE CENTER	206	FARE VEND #3	120	35	CLEANERS ROOM
9	A02 FARRAGUT NORTH	MEZZANINE SOUTH	209	SM	120	35	AC SERVICE ROOM
10	A02 FARRAGUT NORTH	PLATFORM	256	NPO	480	47	AC SWITCHBOARD ROOM (NORTH MEZZANINE)
11							
12	A03 DUPONT CIRCLE	MEZZANINE NORTH	214	F1	120	24	AC SWITCHBOARD ROOM
13	A03 DUPONT CIRCLE	MEZZANINE SOUTH	215	F2	120	26	AC SWITCHBOARD ROOM
14	A03 DUPONT CIRCLE	PLATFORM (TRACK A1)	214	T3	480	31, 33, 35	AC SWITCHBOARD ROOM
15	A03 DUPONT CIRCLE	PLATFORM (TRACK A2)	214	T3	480	32, 34, 36	AC SWITCHBOARD ROOM
16							
17	A04 WOODLEY PARK	PLATFORM	205	SPO3	480	6	AC SWITCHBOARD ROOM
18	A04 WOODLEY PARK	MEZZANINE	C207	F	120	26	MECHANICAL EQUIPMENT ROOM
19							
20	A05 CLEVELAND PARK	PLATFORM	216	NPO4	480	21	AC SWITCHBOARD ROOM
21	A05 CLEVELAND PARK	MEZZANINE	216	F	120	26	AC SWITCHBOARD ROOM
22							
23	A06 VAN NESS	PLATFORM	203	SPO3	480	5	AC SWITCHBOARD ROOM
24	A06 VAN NESS	MEZZANINE	216	F	120	26	AC SWITCHBOARD ROOM
25							
26	A07 TENLEYTOWN	PLATFORM	109	SPB	480	19, 21, 23	MAINTENANCE ROOM
27	A07 TENLEYTOWN	MEZZANINE	C206	MDD	120	28	
28							
29	A08 FRIENDSHIP HTS	PLATFORM	202	MNA	480	1	ELECTRICAL EQUIPMENT ROOM
30	A08 FRIENDSHIP HTS	MEZZANINE NORTH	202	MNCC	120	16	ELECTRICAL EQUIPMENT ROOM
31	A08 FRIENDSHIP HTS	MEZZANINE SOUTH	201	MSAA	120	17	MECHANICAL EQUIPMENT ROOM
32							
33	A09 BETHESDA	PLATFORM	209	SM	480	7	MECHANICAL EQUIPMENT ROOM
34	A09 BETHESDA	MEZZANINE	C203	F	120	29	CLEANERS ROOM
35							
36	A10 MEDICAL CENTER	PLATFORM	207	SM	480	13	MECHANICAL EQUIPMENT ROOM
37	A10 MEDICAL CENTER	MEZZANINE	212	F	120	31	MECHANICAL EQUIPMENT ROOM
38							
39	A11 GROSVENOR	PLATFORM	107	SPO	480	22	AC SWITCHBOARD ROOM
40	A11 GROSVENOR	MEZZANINE	107	SF	120	16	AC SWITCHBOARD ROOM
41							
42	A12 WHITE FLINT	PLATFORM	107	SPO2	480	20, 22, 24	AC SWITCHBOARD ROOM
43	A12 WHITE FLINT	MEZZANINE	107	SPP	120	20	AC SWITCHBOARD ROOM
44							
45	A13 TWINBROOK	PLATFORM	C104	M-1	120	19, 21	ELECTRICAL EQUIPMENT ROOM
46	A13 TWINBROOK	MEZZANINE	101	F-1	120	24	AC SWITCHBOARD ROOM
47							
48	A14 ROCKVILLE	PLATFORM	C112	M2	480	8, 10, 12	ELECTRICAL EQUIPMENT ROOM
49	A14 ROCKVILLE	MEZZANINE	C112	M1	120	32	ELECTRICAL EQUIPMENT ROOM
50							
51	A15 SHADY GROVE	PLATFORM (TRACK A1)	C103	M	120	19	ELECTRICAL ROOM
52	A15 SHADY GROVE	PLATFORM (TRACK A2)	C103	M	120	21	ELECTRICAL ROOM
53	A15 SHADY GROVE	MEZZANINE	C103	M	120	20	ELECTRICAL ROOM
54							
55	B01 GALLERY PLACE	MEZZANINE EAST (UPPER LEVEL)	E206	AFCE	120	35	ELECTRICAL ROOM
56	B01 GALLERY PLACE	MEZZANINE EAST (LOWER LEVEL)	E206	AFCW	120	37	ELECTRICAL ROOM
57	B01 GALLERY PLACE	MEZZANINE WEST	W106	NWPP	120	12	MECHANICAL EQUIPMENT ROOM
58	B01 GALLERY PLACE	PLATFORM (TRACK B1)	W106	NWPA	480	1, 3, 5	MECHANICAL EQUIPMENT ROOM
59	B01 GALLERY PLACE	PLATFORM (TRACK B2)	W106	NWPA	480	7, 9, 11	MECHANICAL EQUIPMENT ROOM
60							
61	B02 JUDICIARY SQUARE	MEZZANINE EAST	204	AFCE	120	23	MECHANICAL EQUIPMENT ROOM
62	B02 JUDICIARY SQUARE	MEZZANINE WEST	205	AFCW	120	23	MECHANICAL EQUIPMENT ROOM
63	B02 JUDICIARY SQUARE	PLATFORM (TRACK B1)	103	SWBP	480	7, 9, 11	MECHANICAL EQUIPMENT ROOM
64	B02 JUDICIARY SQUARE	PLATFORM (TRACK B2)	113	NWPA	480	8, 10, 12	MECHANICAL EQUIPMENT ROOM
65							
66	B03 UNION STATION	PLATFORM (TDI SIGN)	109	SPO1	480	1	AC SWITCHBOARD ROOM
67	B03 UNION STATION	PLATFORM (TSI SIGN)	109	SPO1	480	9	AC SWITCHBOARD ROOM
68	B03 UNION STATION	MEZZANINE NORTH	214	NMF-2	120	31	MECH EQUIP (COMM, PARTS OFFICE)
69	B03 UNION STATION	MEZZANINE CENTER	C200	F-2	120	43	WALKWAY EQUIPMENT ROOM
70							
71	B04 RHODE ISLAND	PLATFORM	101	PO	480	37, 39, 41	AC SWITCHBOARD ROOM
72	B04 RHODE ISLAND	MEZZANINE	101	PP	120	33	AC SWITCHBOARD ROOM
73							
74	B05 BROOKLAND	PLATFORM	C106	LP-MH	480	7, 9, 11	ELECTRICAL EQUIPMENT ROOM
75	B05 BROOKLAND	MEZZANINE	C106	LP-F	120	28	ELECTRICAL EQUIPMENT ROOM
76							
77	B06 FORT TOTTEN	PLATFORM (TRACK B1)	C100	LP-FF	120	4	ELECTRICAL EQUIPMENT ROOM
78	B06 FORT TOTTEN	PLATFORM (TRACK B2)	C100	LP-FF	120	6	ELECTRICAL EQUIPMENT ROOM
79	B06 FORT TOTTEN	MEZZANINE	C100	LP-FF	120	8	ELECTRICAL EQUIPMENT ROOM
80							
81	B07 TAKOMA	PLATFORM	C100	LP-M	480	7, 9, 11	WALKWAY EQUIP ROOM
82	B07 TAKOMA	MEZZANINE	C100	LP-F	120	24	WALKWAY EQUIP ROOM
83							
84	B08 SILVER SPRING	PLATFORM (TRACK B1)	119	DP-MZS	120	22	ELECTRICAL EQUIPMENT ROOM
85	B08 SILVER SPRING	PLATFORM (TRACK B2)	119	DP-MZS	120	24	ELECTRICAL EQUIPMENT ROOM
86	B08 SILVER SPRING	MEZZANINE NORTH	108	LP-FN	120	35	ELECTRICAL EQUIPMENT ROOM

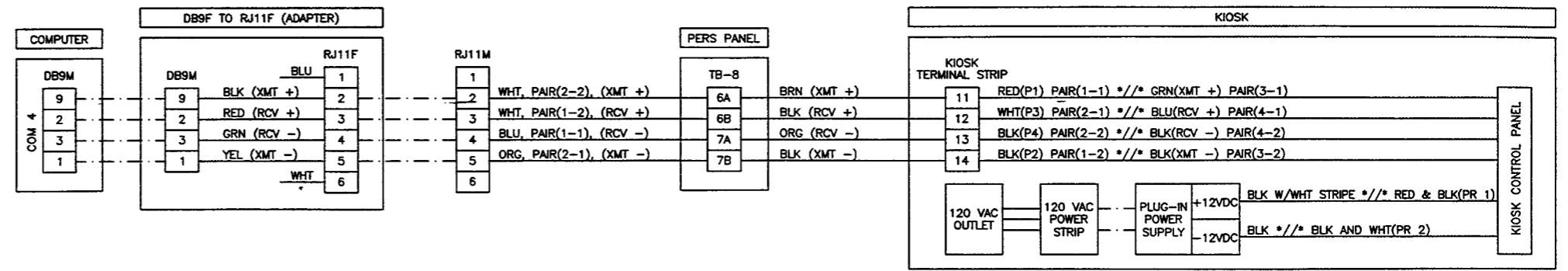


- NOTES:**
- 1. MEZZANINE SIGN (OSI)**
BACKPLATE #7515, ADDRESS NO. 05
PANEL: SMM, CKT: 16
FED FROM ROOM 107
 - 2. PLATFORM SIGN (WDO-1)**
BACKPLATE #11271, ADDRESS NO. 01
BACKPLATE #11276, ADDRESS NO. 02
PANEL: SPO, CKT: 22
FED FROM ROOM 107
 - 3. PLATFORM SIGN (WDO-2)**
BACKPLATE #7524, ADDRESS NO. 03
BACKPLATE #7525, ADDRESS NO. 04
PANEL: SPO, CKT: 22
FED FROM ROOM 107
 - 4. REFER TO GENERAL INSTALLATION DRAWING PIDS-001 FOR NOTES AND SYMBOLS.**

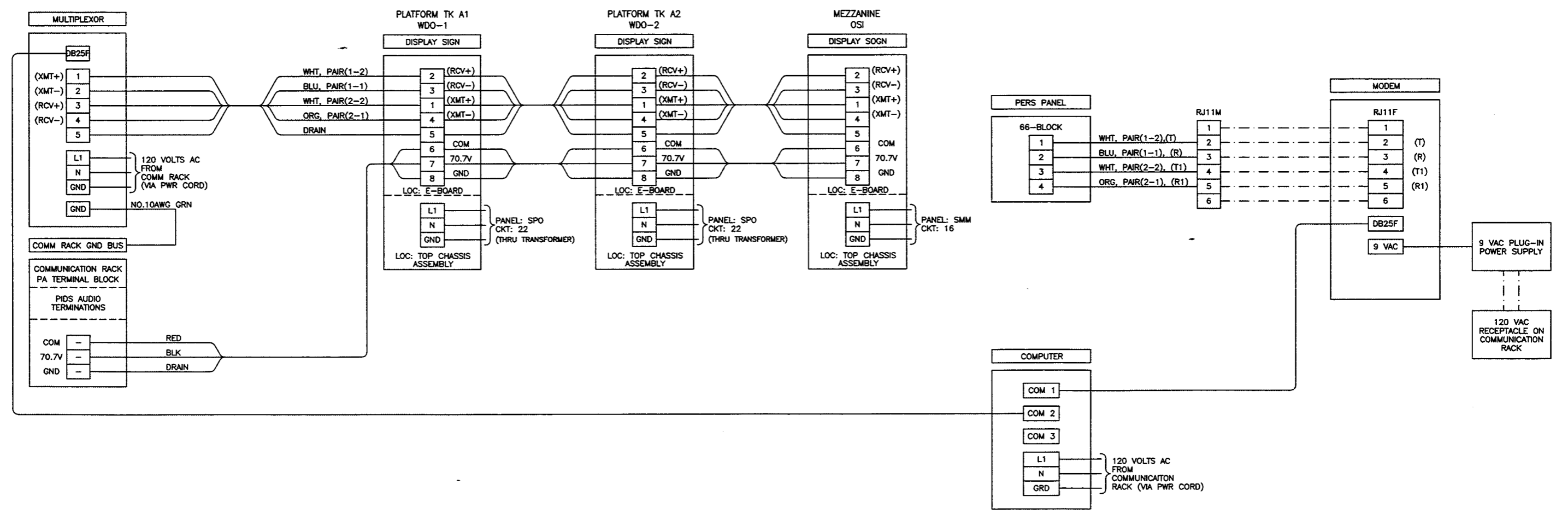


RISER DIAGRAM

DRAWN <u>CHM</u> 6/00 CHECKED <u>H. CRAFT</u> 6/00 APPROVED <u>T. WATSON</u> 6/00 APPROVED <u>J. ROGERS</u> 6/00 Walker Seal Companies, Inc.	REFERENCE DRAWINGS NUMBER DESCRIPTION NO. DESCRIPTION BY APP. DATE		REVISIONS 1 AS BUILT TW JR 1/01			CONTRACT NO. IFB FF-170/TGB	WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY TR AE OM OTHER	INOVA	GROSVENOR STATION (A11) PIDS STATION LAYOUT & RISER DIAGRAM (PASSENGER INFORMATION DISPLAY SYSTEM)		SIZE D SCALE NONE DRAWING NO. PIDS-A11 SH. 1 OF 2 REV. 1
	NEXT ASSY.		FILE: PID-A11			NEXT ASSY.					



NOTE: *//* = CABLE CONNECTOR



DRAWN			MFR			1/01			DATE			REFERENCE DRAWINGS			REVISIONS			CONTRACT NO.			WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY			GROSVENOR (A11)		
NUMBER	DESCRIPTION	NO.	DESCRIPTION	BY	APP.	DATE	DESCRIPTION	BY	APP.	DATE	IFB FF-170/TGB	PIDS			STATION WIRING TERMINATION DIAGRAM			PIDS- A11								
CHECKED	T. WATSON	1/01	DATE																							
APPROVED	T. WATSON	1/01	DATE																							
APPROVED	J. ROGERS	1/01	DATE																							
Walker Seal Companies, Inc.											NEXT ASSY.			INOVA			REV. 2									
											FILE: PID-A11b			OTHER			SIZE D SCALE NONE DRAWING NO. PIDS-A11 SH. 2 OF 2 REV. 2									

ARCHITECTURAL ABBREVIATIONS

AFF	ABOVE FINISH FLOOR
AGGR	AGGREGATE
AL	ALUMINUM
A.R.	AUTHORITY REPRESENTATIVE
ARCH	ARCHITECTURAL
ASSY	ASSEMBLY
BD	BOARD
BLDG	BUILDING
BLKG	BLOCKING
BP	BASE PLATE
CJ	CONTROL JOINT
CL	CENTERLINE
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
COL	COLUMN
CONC	CONCRETE
CONSTR	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
COMM	COMMUNICATION
D	DEPTH
DEPT	DEPARTMENT
DET	DETAIL
DIA	DIAMETER
DIM	DIMENSION
DWG	DRAWING
E	EAST
EA	EACH
EL/ELEV	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EQ	EQUAL
EQUIP	EQUIPMENT
ETR	EXISTING TO REMAIN
EJ	EXPANSION JOINT
EX	EXISTING
EXIST	EXISTING
EXT	EXTERIOR
FIN	FINISH
FL	FLASHING
FLEX	FLEXIBLE
FLG	FLANGE
FLR	FLOOR
FT	FOOT
GOVT	GOVERNMENT
GR	GRADE
GRD	GROUND
H	HIGH
HT	HEIGHT
HVAC	HEATING, VENTILATING, & AIR CONDITIONING
IE	THAT IS
INSUL	INSULATION
INTR	INTERIOR
JST	JOIST
JT	JOINT
L	LENGTH
LT	LIGHT
MAINT	MAINTENANCE
MAS	MASONRY
MAX	MAXIMUM
MECH	MECHANICAL
MEZZ	MEZZANINE
MFR	MANUFACTURER
MGR	MANAGER
MH	MANHOLE
MIN	MINIMUM
MIN	MINUTES
MISC	MISCELLANEOUS
MET	METAL
MTL	METAL
N	NORTH
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO	NUMBER

NTS	NOT TO SCALE
OC	ON CENTER
OFF	OFFICE
P/L	PROPERTY LINE
PASS	PASSENGER
PEB	PRE-ENGINEERED BUILDING
PL	PLATE
PLYWD	PLYWOOD
PNL	PANEL
PNT	PAINT
PORC	PORCELAIN
PREFAB	PREFABRICATED
PROJ	PROJECT
PTN	PARTITION
R	RADIUS
RD	ROOF DRAIN
REINF	REINFORCE
REQD	REQUIRED
REV	REVISION
REG	REGISTER
RFG	ROOFING
RM	ROOM
S	SOUTH
SCHED	SCHEDULE
SEC	SECTION
SF	SQUARE FOOT
SHT	SHEET
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURE/STRUCTURAL
SYS	SYSTEM
TEL	TELEPHONE
TOP	TOP OF PLATFORM
TOTS	TOP OF TOPPING SLAB
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VIF	VERIFY IN FIELD
W	WEST
W	WIDE
W/	WITH
W/O	WITHOUT
WTRPRF	WATERPROOFING

BUILDING MATERIALS

	CMU
	CONCRETE
	STEEL
	ALUMINUM
	PLYWOOD
	EARTH
	CONCRETE PAVERS
	SETTING BED
	TOPPING SLAB
	GRANITE

LEGEND

SYMBOLS

	KEY NOTE
	SPOT ELEVATION
	COLUMN LINE INDICATOR
	DETAIL INDICATOR
	ELEVATION-VIEW INDICATOR
	DRAWING TITLE
	SECTION INDICATOR
	EXISTING DOORS

- #### GENERAL NOTES:
- ALL DIMENSIONS ARE NOMINAL UNLESS OTHERWISE NOTED. VERIFY ALL DIMENSIONS IN THE FIELD.
 - VERIFY AND PROPERLY DOCUMENT ALL EXISTING FIELD CONDITIONS.
 - ALL WORK IS DESIGNED AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH WMATA DESIGN CRITERIA, VERSION 9.
 - DO NOT SCALE DRAWINGS FOR PURPOSES OF CONSTRUCTION.
 - ANY DEVIATION FROM, OR IN FIELD ALTERATION TO THESE DRAWINGS, AND SPECIFICATIONS IS STRICTLY PROHIBITED WITHOUT PRIOR APPROVAL OF AUTHORITY'S REPRESENTATIVE (A.R.). ANY SUCH ALTERATIONS SHALL BE CORRECTED AT ONCE, WITH NO EXPENSE TO THE OWNER.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE WORK OF ALL TRADES REGARDLESS OF DISCREPANCIES IN THE CONTRACT DOCUMENTS. NO ADDITIONAL COSTS WILL BE PAID BY THE OWNER TO RECTIFY WORK TO BE RELOCATED DUE TO LACK OF JOBSITE COORDINATION.
 - DEMOLITION, CUTTING, AND PATCHING OF ANY MATERIALS OR FIXTURES REQUIRED TO CONSTRUCT THE PROJECT IS HEREIN MADE A PART OF THESE CONTRACT DOCUMENTS.
 - THE CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS.
 - ALL WORK INDICATED OR SHOWN GRAPHICALLY AS "EXISTING TO REMAIN" WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND WORK AROUND WITHOUT DISTURBING. IF DAMAGED, THE CONTRACTOR WILL REPLACE OR REPAIR AT THE AUTHORITY'S DIRECTION AT NO ADDITIONAL COST TO THE OWNER.

FINAL CONTRACT NO. FQ15093

DESIGNED	DATE	REFERENCE DRAWINGS		REVISIONS		
		NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
JRS	4/30/14					
AD/CLR	7/16/14					
RES	7/22/14					
JP	7/28/14					

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DEPARTMENT OF TRANSIT INFRASTRUCTURE AND ENGINEERING SERVICES
OFFICE OF INFRASTRUCTURE RENEWAL PROGRAM

APPROVED _____

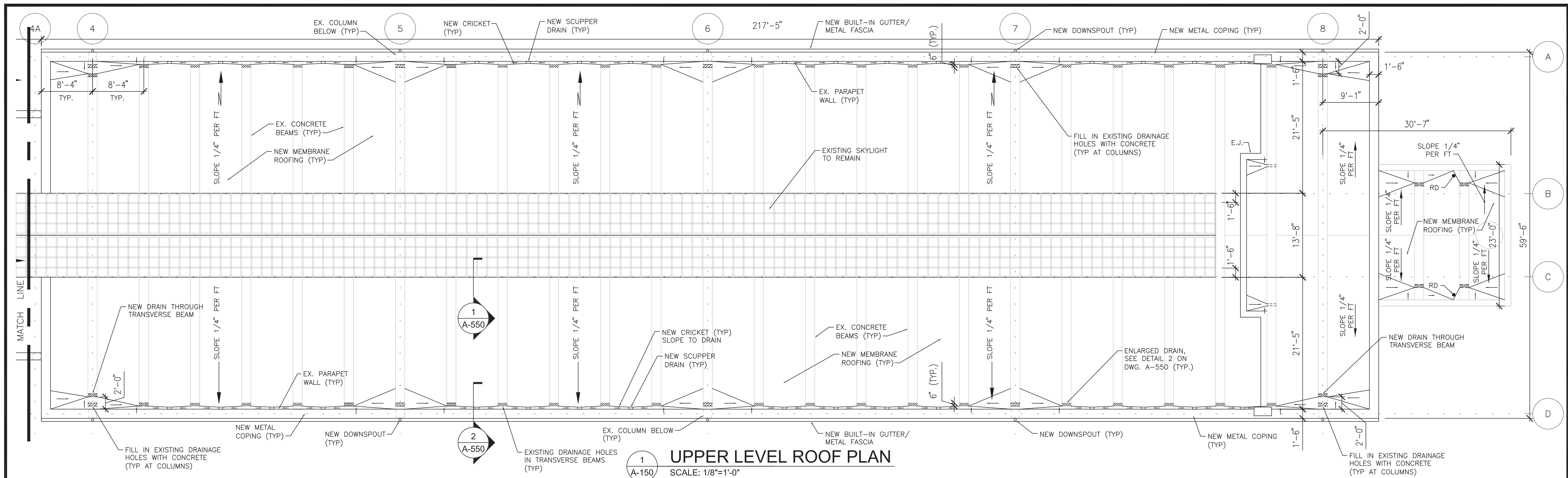
GFP A Gannett Fleming/Parsons JOINT VENTURE

SUBMITTED Brad Mason, P.E.
PROJECT MANAGER

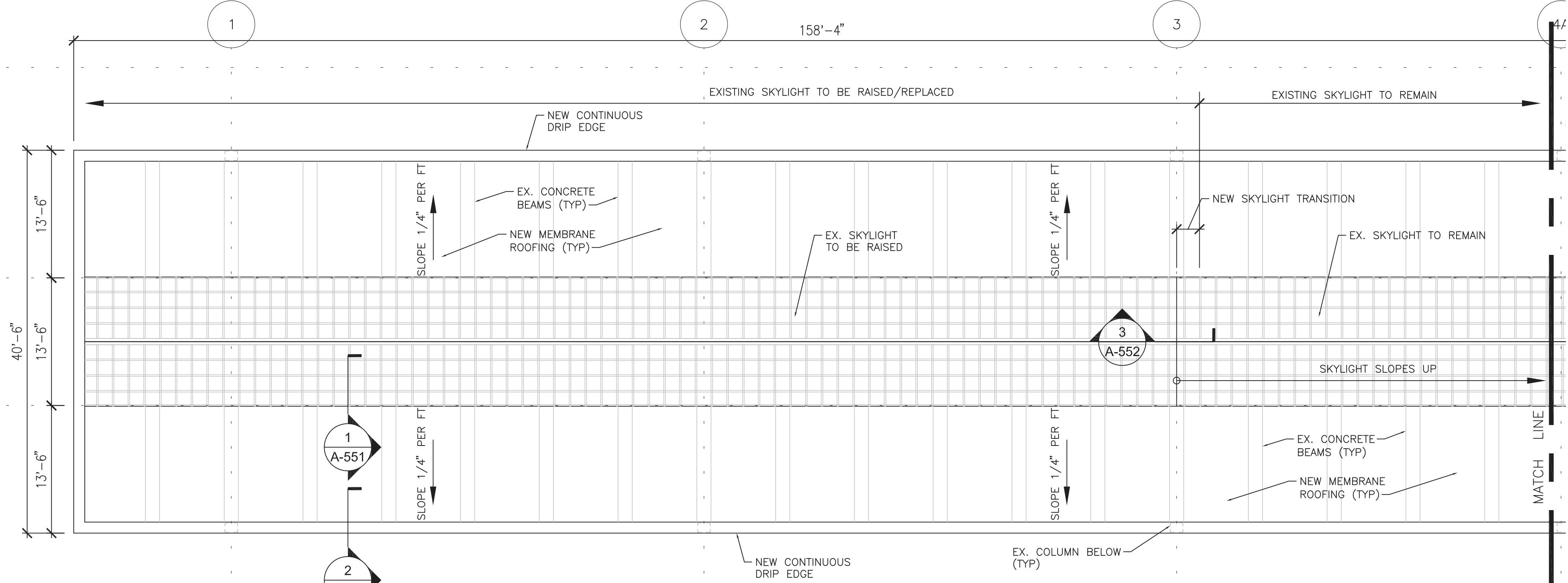
RED LINE REHAB.-FRIENDSHIP HEIGHTS TO GROSVENOR - PART 5

ARCHITECTURAL GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS

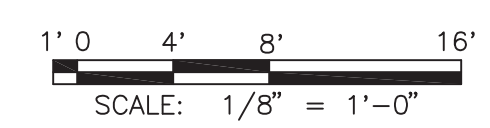
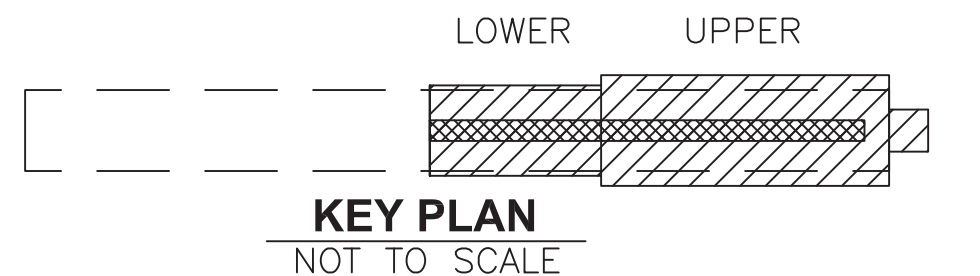
SCALE AS SHOWN DRAWING NO. A11-A-050 SHEET NO. M1272-180



UPPER LEVEL ROOF PLAN
SCALE: 1/8"=1'-0"



LOWER LEVEL ROOF PLAN
SCALE: 1/8"=1'-0"



FINAL CONTRACT NO. **FQ15093**

DESIGNED	JRS	4/30/14
DRAWN	AD	7/16/14
CHECKED	RES	7/22/14
APPROVED	JP	7/28/14

REFERENCE DRAWINGS	
NUMBER	DESCRIPTION

REVISIONS		
DATE	BY	DESCRIPTION

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DEPARTMENT OF TRANSIT INFRASTRUCTURE AND ENGINEERING SERVICES
OFFICE OF INFRASTRUCTURE RENEWAL PROGRAM

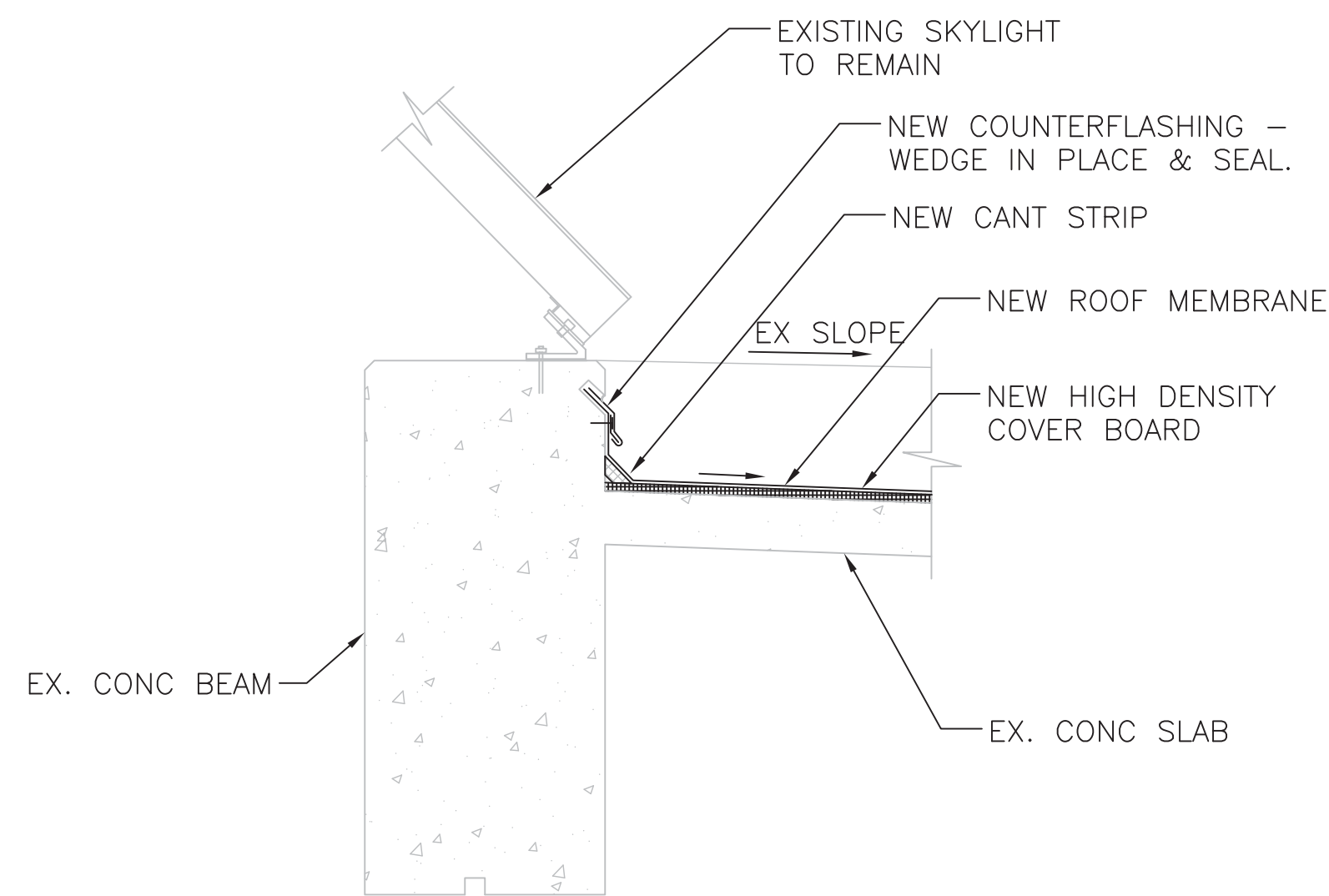
GFP A Gannett Fleming/Parsons JOINT VENTURE

APPROVED _____ SUBMITTED _____
PROJECT MANAGER

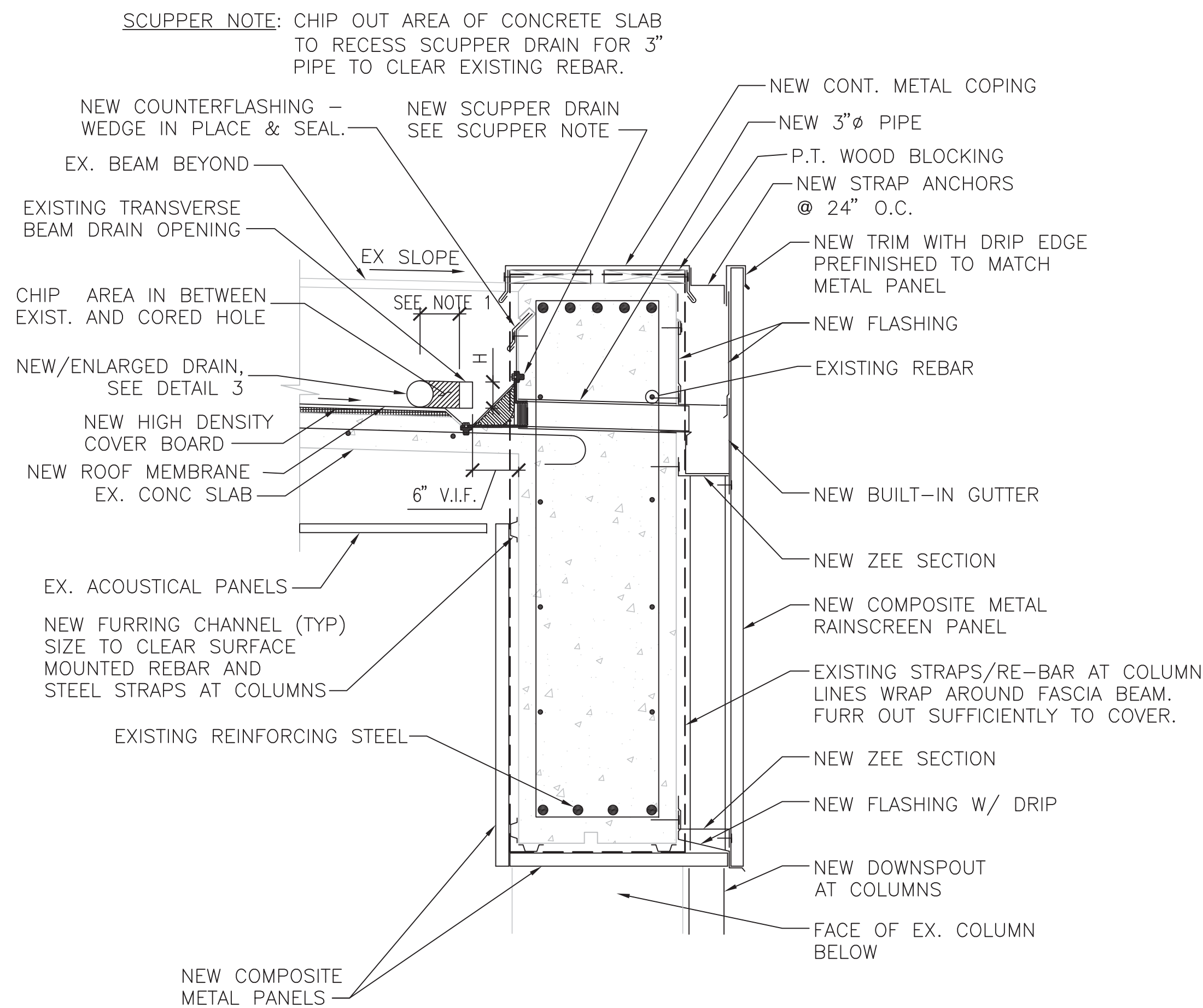
RED LINE REHAB.-FRIENDSHIP HEIGHTS TO GROSVENOR - PART 5

ARCHITECTURAL ROOF PLAN

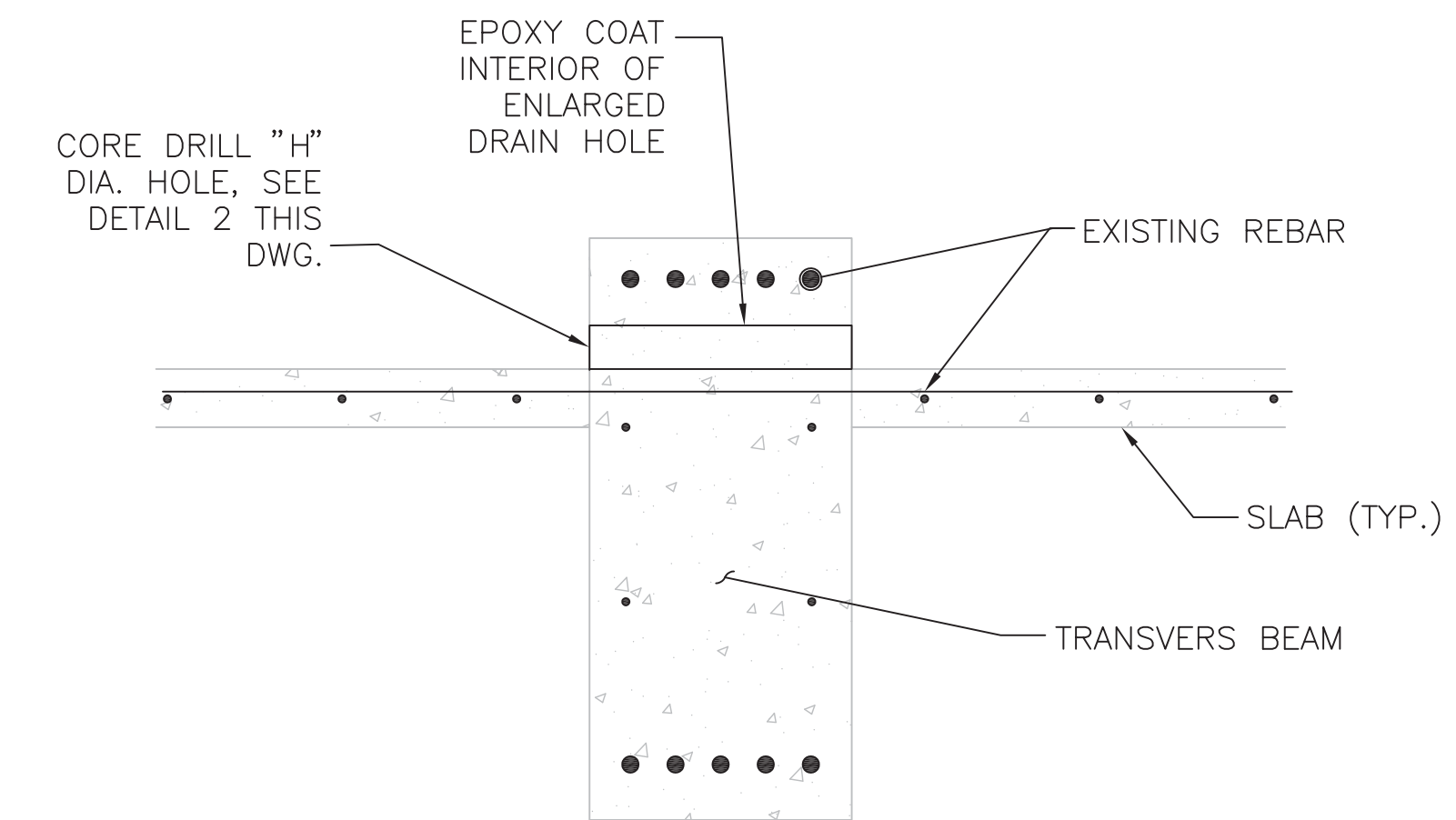
SCALE AS SHOWN DRAWING NO. **A11-A-150** SHEET NO. **M1272-181**



1 UPPER ROOF - DETAIL AT SKYLIGHT
SCALE: 1"=1'-0"



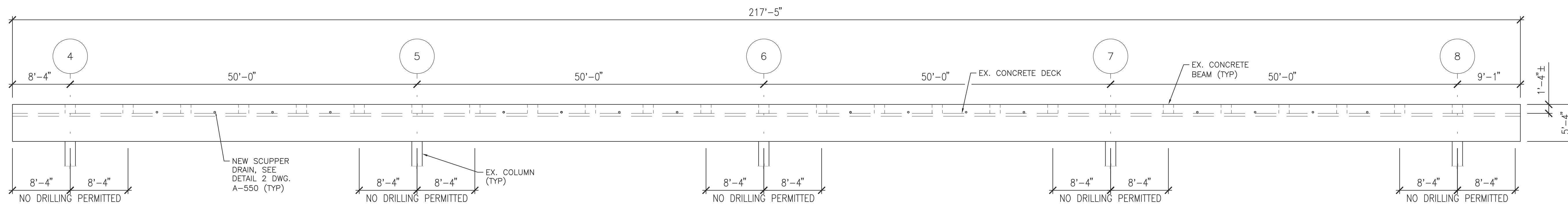
2 UPPER ROOF - DETAIL AT SCUPPER DRAIN
SCALE: 1"=1'-0"



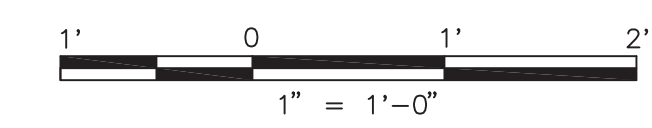
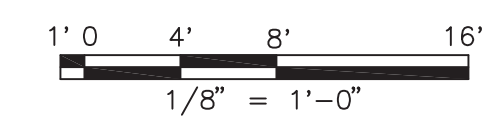
3 TRANSVERSE BEAM DRAIN HOLE DETAIL
SCALE: 1"=1'-0"

- NOTES:**
1. THE CROSS SECTION AREA OF NEW AND ENLARGED DRAIN HOLES ARE TO BE NO LESS THAN 18 SQ. INCHES.
 2. HEIGHT OF NEW AND ENLARGED DRAIN OPENINGS IS TO MATCH THE HEIGHT OF EXISTING DRAINS.
 3. CONTRACTOR IS TO FIELD VERIFY THE HEIGHT OF EXISTING DRAINS IN TRANSVERSE BEAMS,

- GENERAL NOTES:**
1. WHEN ANCHORING, SHOOTING, DRILLING, CHIPPING, OR CORING INTO CONCRETE, THE AREA SHALL BE X-RAYED, FERRO SCANNED, OR SCANNED USING GROUND PENETRATION RADAR (GPR) PRIOR TO START OF WORK. DO NOT CUT OR NICK EXISTING REINFORCING
 2. CONTRACTOR IS TO VERIFY THE LOCATIONS OF EXISTING REBARS, AND IS NOT TO DISTURB OR DAMAGE THE REBAR.



4 ELEVATION OF UPPER LEVEL ROOF BEAM
SCALE: 1/8"=1'-0"



FINAL CONTRACT NO. FQ15093

DESIGNED	DATE	REFERENCE DRAWINGS		REVISIONS	
		NUMBER	DESCRIPTION	DATE	DESCRIPTION
JRS	4/30/14				
AD	7/16/14				
RES	7/22/14				
JP	7/28/14				

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DEPARTMENT OF TRANSIT INFRASTRUCTURE AND ENGINEERING SERVICES
OFFICE OF INFRASTRUCTURE RENEWAL PROGRAM

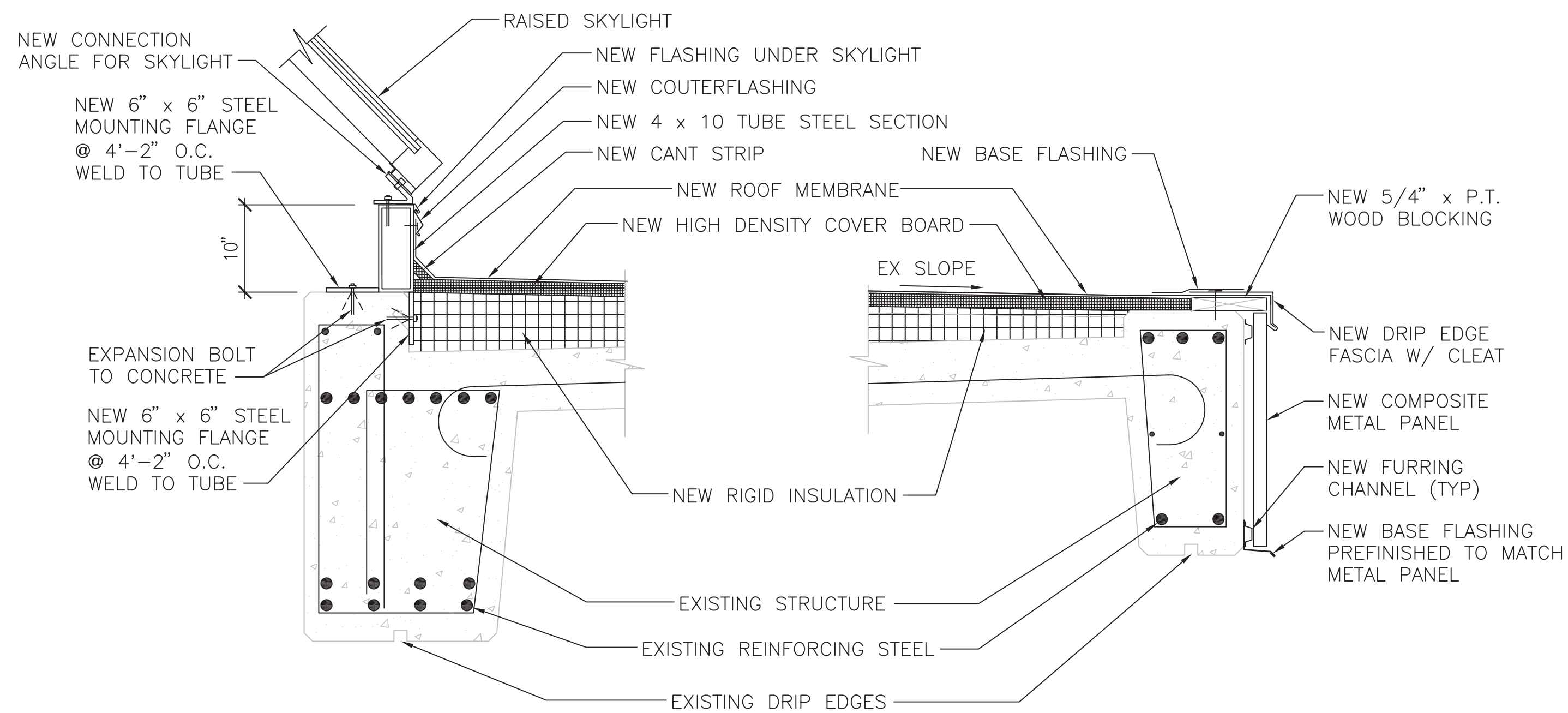
GFP A Gannett Fleming/Parsons JOINT VENTURE

APPROVED _____ SUBMITTED Brad Mason, P.E. PROJECT MANAGER

RED LINE REHAB.-FRIENDSHIP HEIGHTS TO GROSVENOR - PART 5

ARCHITECTURAL UPPER ROOF DETAILS

SCALE AS SHOWN DRAWING NO. A11-A-550 SHEET NO. M1272-182

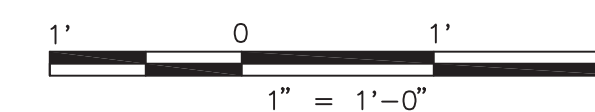


1 LOWER ROOF - DETAIL AT SKYLIGHT
SCALE: 1"=1'-0"

2 LOWER ROOF - DETAIL AT EDGE
SCALE: 1"=1'-0"

GENERAL NOTES:

1. WHEN ANCHORING, SHOOTING, DRILLING, CHIPPING, OR CORING INTO CONCRETE, THE AREA SHALL BE X-RAYED, FERRO SCANNED, OR SCANNED USING GROUND PENETRATION RADAR (GPR) PRIOR TO START OF WORK. DO NOT CUT OR NICK EXISTING REINFORCING
2. CONTRACTOR IS TO VERIFY THE LOCATIONS OF EXISTING REBARS, AND IS NOT TO DISTURB OR DAMAGE THE REBAR.



FINAL

CONTRACT NO.

FQ15093

DESIGNED	DATE	REFERENCE DRAWINGS		REVISIONS		
		NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
JRS	4/30/14					
AD	7/16/14					
RES	7/22/14					
JP	7/28/14					

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DEPARTMENT OF TRANSIT INFRASTRUCTURE
AND ENGINEERING SERVICES
OFFICE OF INFRASTRUCTURE RENEWAL PROGRAM



APPROVED _____

SUBMITTED Brad Mason, P.E.
PROJECT MANAGER

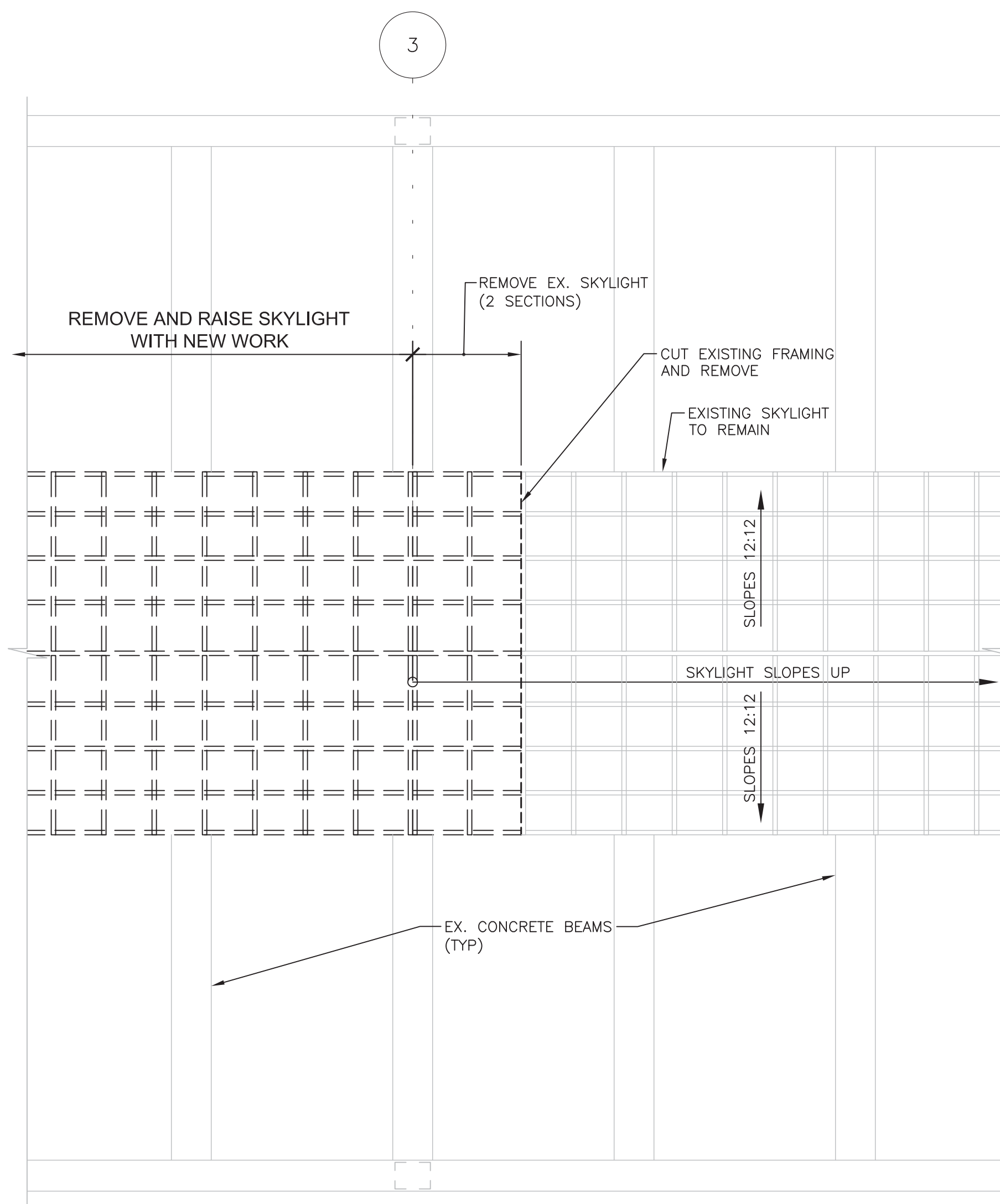
RED LINE REHAB.-FRIENDSHIP HEIGHTS TO
GROSVENOR - PART 5

ARCHITECTURAL
LOWER ROOF DETAILS

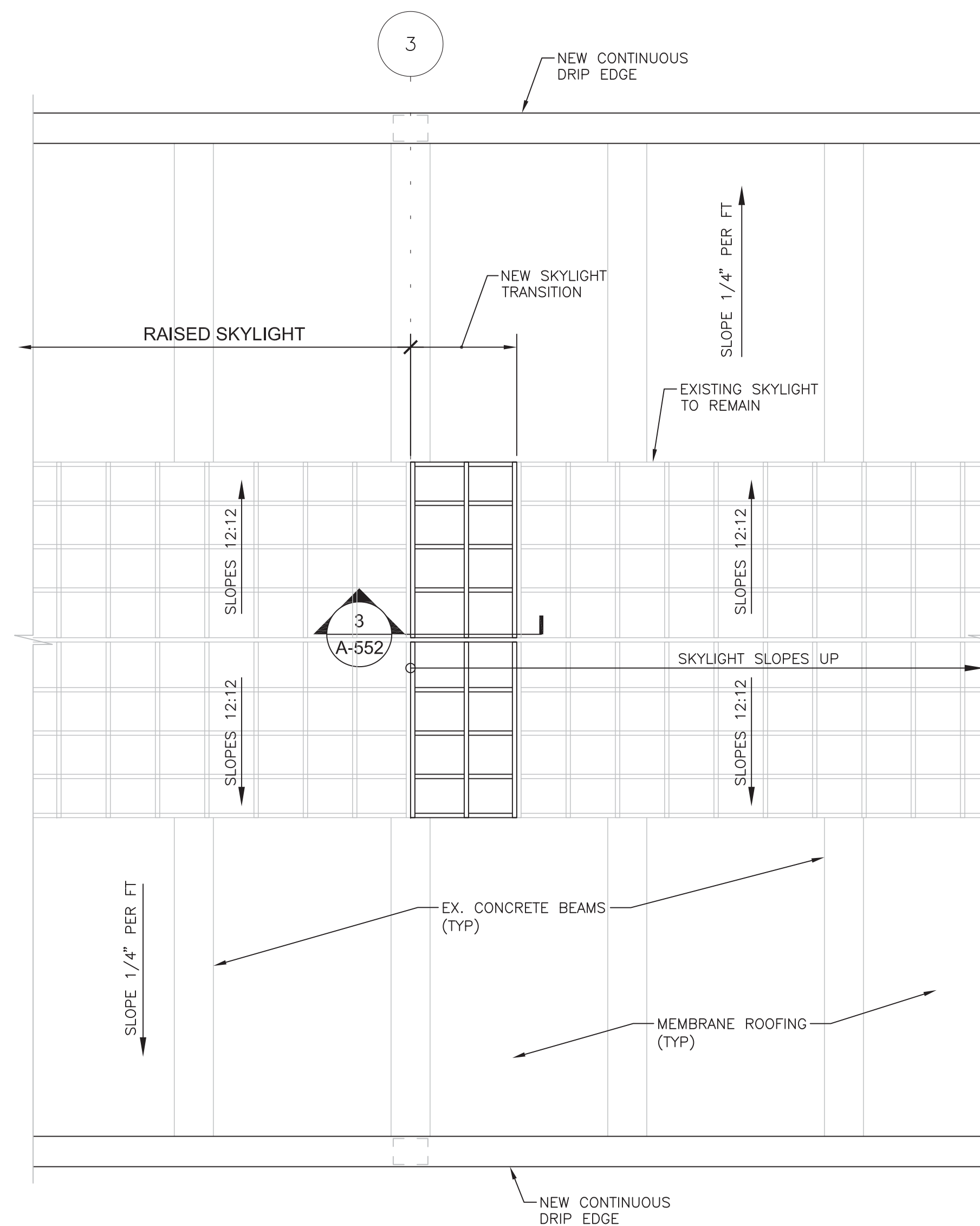
SCALE
AS SHOWN

DRAWING NO.
A11-A-551

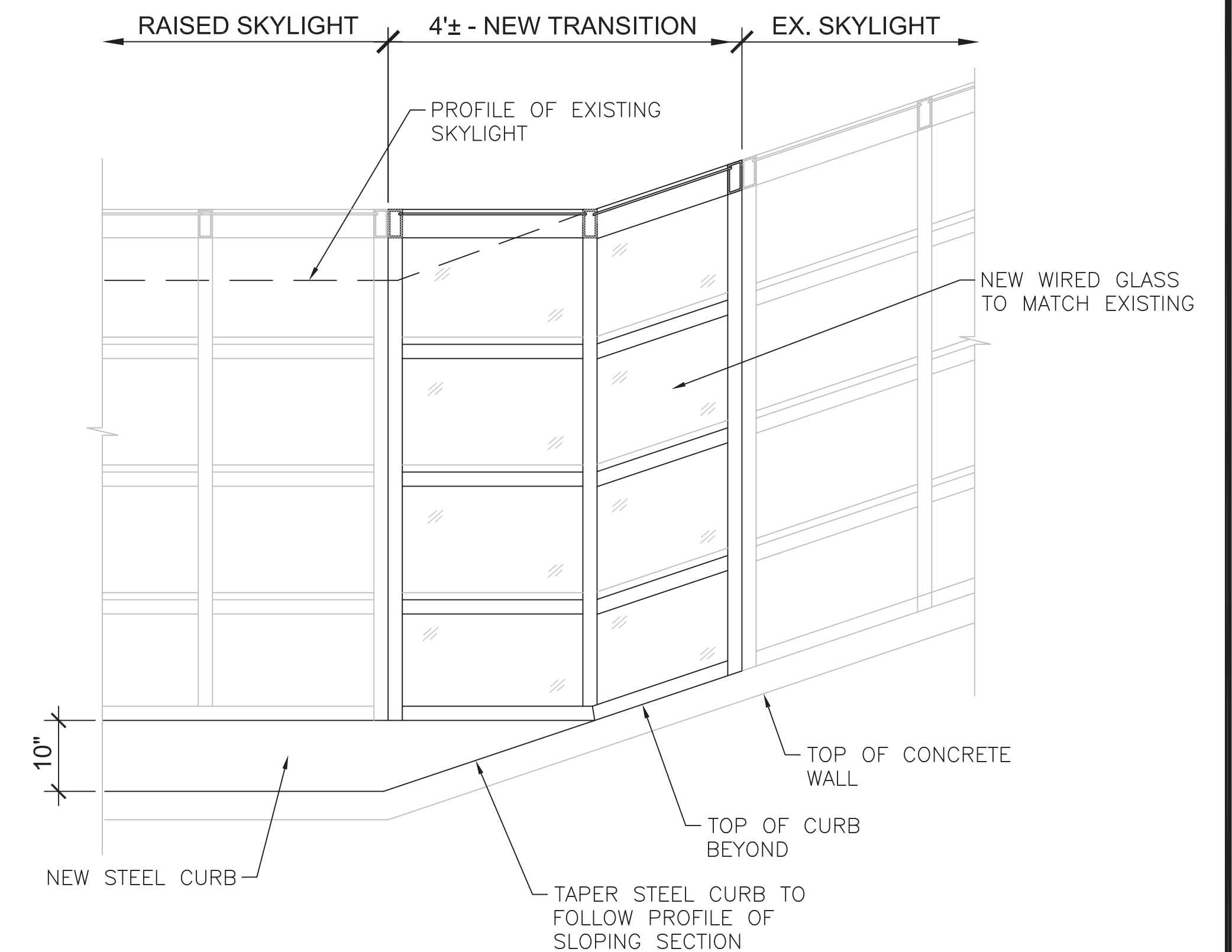
SHEET NO.
M1272-183



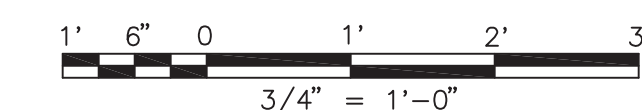
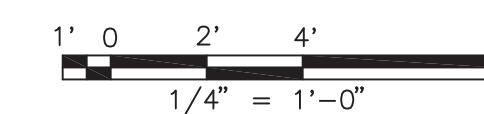
1 SKYLIGHT TRANSITION DEMOLITION PLAN
SCALE: 1/4"=1'-0"



2 SKYLIGHT TRANSITION NEW WORK PLAN
SCALE: 1/4"=1'-0"



3 SECTION AT RIDGE OF SKYLIGHT TRANSITION
SCALE: 3/4"=1'-0"



FINAL CONTRACT NO. FQ15093

DESIGNED	DATE	REFERENCE DRAWINGS		REVISIONS	
		NUMBER	DESCRIPTION	DATE	DESCRIPTION
JRS	4/30/14				
AD	7/16/14				
RES	7/22/14				
JP	7/28/14				

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DEPARTMENT OF TRANSIT INFRASTRUCTURE
AND ENGINEERING SERVICES
OFFICE OF INFRASTRUCTURE RENEWAL PROGRAM



APPROVED _____

SUBMITTED Brad Mason, P.E.
PROJECT MANAGER

RED LINE REHAB.-FRIENDSHIP HEIGHTS TO
GROSVENOR - PART 5

ARCHITECTURAL
SKYLIGHT PLANS AND DETAILS

SCALE
AS SHOWN

DRAWING NO.
A11-A-552

SHEET NO.
M1272-184










MECHANICAL GENERAL NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS IN THE FIELD.
2. COORDINATE ALL MECHANICAL WORK WITH STRUCTURAL, ARCHITECTURAL, AND ANY OTHER TRADES PRIOR TO BEGINNING WORK.
3. THE PROPOSED CONCEPTS INCLUDED IN THIS SET ARE CONCEPTUAL DRAWINGS ONLY. THEY SHALL NOT BE USED FOR CONSTRUCTION.
4. PERFORM ALL DRAINAGE PIPING WORK IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
 - 4.1. 15075 – IDENTIFICATION OF MECHANICAL EQUIPMENT AND PIPING
 - 4.2. 15205 – PIPING SYSTEMS
5. ALL NEW WORK SHALL COMPLY WITH NATIONAL, STATE, AND LOCAL CODE REQUIREMENTS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING (SEE SPECIFICATIONS FOR LISTING OF APPLICABLE CODES AND STANDARDS):
 - 5.a. 2012 INTERNATIONAL BUILDING CODE
 - 5.b. 2012 INTERNATIONAL PLUMBING CODE

MECHANICAL ABBREVIATIONS:

- RD ROOF DRAIN
SD SCUPPER DRAIN

MECHANICAL SYMBOLS

-  ITEMS TO BE DEMOLISHED
-  PROPOSED GUTTER (PLAN)
-  PROPOSED GUTTER (SECTION)
-  PROPOSED PIPING
-  PROPOSED PIPING (HIDDEN)
-  ROOF DRAIN (PLAN)
-  ROOF DRAIN (SECTION)
-  SCUPPER DRAIN (PLAN)
-  SCUPPER DRAIN (SECTION)

SCOPE OF MECHANICAL WORK

THE EXISTING ROOF DRAINAGE SYSTEM FOR THE GROSVENOR CANOPY IS INADEQUATE AND RESULTS IN STANDING WATER ON THE ROOF. THE SCOPE OF THIS PROJECT IS TO REDIRECT THE DRAINAGE FROM WITHIN THE EXISTING PLATFORM COLUMNS TO THE OUTER EDGE OF THE CANOPY.

CONCEPT NOTES:

THE UPPER ROOF LEVEL OF THE GROSVENOR CANOPY SHALL BE MODIFIED AS FOLLOWS:

- ROOF SHALL BE RE-SURFACED (SEE ARCHITECTURAL PLANS).
- EXISTING DRAINS SHALL BE FILLED AND ABANDONED IN PLACE.
- NEW SCUPPER DRAINS SHALL BE INSTALLED, WITH LEADERS THAT PENETRATE THE PARAPET WALL AND ASSOCIATED METAL PANEL TO TIE INTO A PROPOSED GUTTER.
- THE PROPOSED GUTTER SHALL HAVE DRAIN LEADERS AT EACH STRUCTURAL COLUMN THAT DISCHARGE TO GRADE LEVEL.

THE LOWER ROOF LEVEL OF THE GROSVENOR CANOPY SHALL BE MODIFIED AS FOLLOWS:

- ROOF SHALL BE RE-SURFACED TO REVERSE THE SLOPE DIRECTION FROM TOWARDS THE MIDDLE OF THE STATION TO TOWARDS THE EDGE OF THE CANOPY.
- EXISTING DRAINS SHALL BE FILLED AND ABANDONED IN PLACE.
- DRAINAGE SHALL DRIP OFF OF THE CANOPY EDGE ONTO THE TRACKBED.

FINAL

CONTRACT NO. FQ15093

	REFERENCE DRAWINGS		REVISIONS		
	NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
DESIGNED DPR	01/2015				
	DATE				
DRAWN DPR	01/2015				
	DATE				
CHECKED CMR	01/2015				
	DATE				
APPROVED JP	01/2015				
	DATE				

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DEPARTMENT OF TRANSIT INFRASTRUCTURE AND ENGINEERING SERVICES
OFFICE OF INFRASTRUCTURE RENEWAL PROGRAM



APPROVED _____

SUBMITTED _____
PROJECT MANAGER

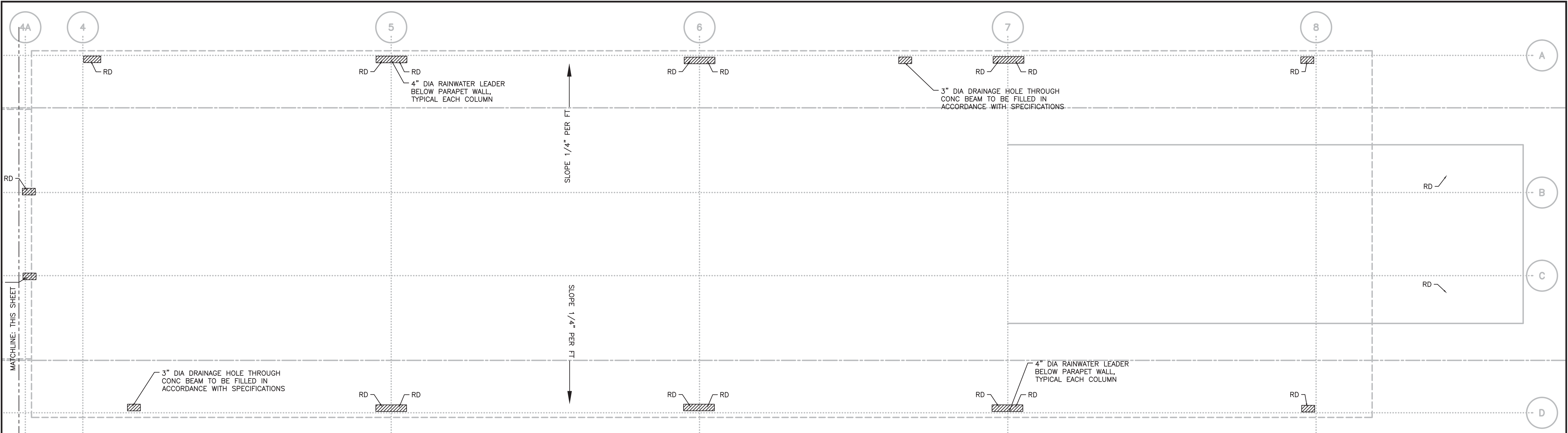
RED LINE REHAB.-FRIENDSHIP HEIGHTS TO GROSVENOR - PART 5

MECHANICAL GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS

SCALE NONE

DRAWING NO. A11-M-050

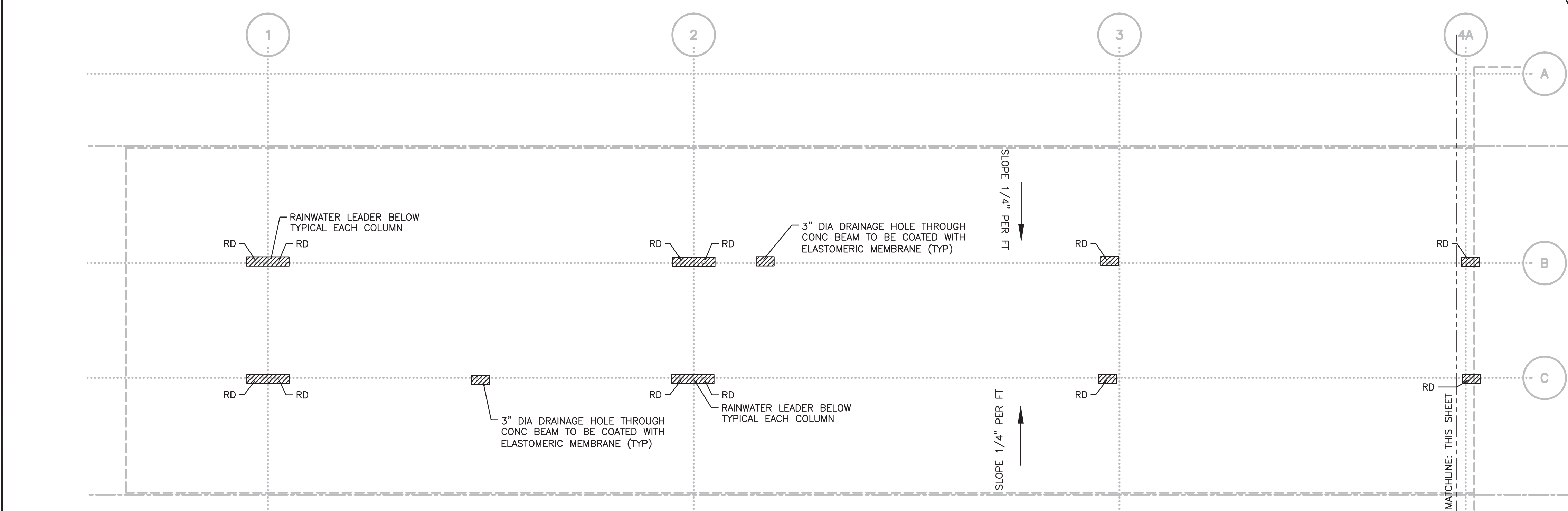
SHEET NO. M1272-185



**UPPER LEVEL ROOF PLAN
(EXISTING CONDITIONS)**

1
M-150

SCALE: 1/8"=1'-0"



LOWER LEVEL ROOF PLAN (EXISTING CONDITIONS)

1
M-150

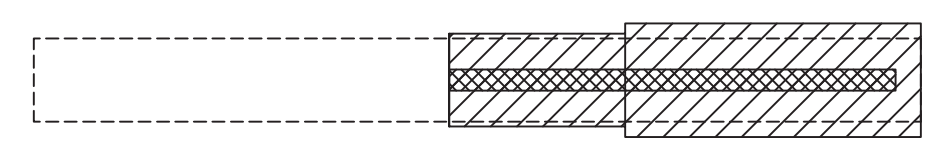
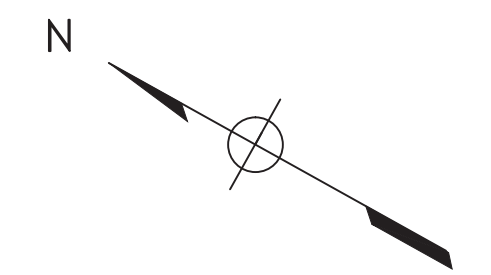
SCALE: 1/8"=1'-0"

DEMOLITION NOTES:

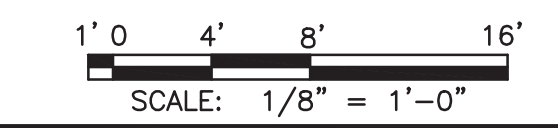
1. ALL ROOF DRAINS SHALL BE FILLED IN ACCORDANCE WITH SPECIFICATIONS AND ABANDONED IN PLACE.
2. ALL DOWNSPOUTS WITHIN STRUCTURAL COLUMNS SHALL BE ABANDONED IN PLACE.

LEGEND:

TO BE FILLED AND ABANDONED IN PLACE



KEY PLAN
NOT TO SCALE



FINAL

CONTRACT NO. **FQ15093**

DESIGNED	DPR	01/2015
DATE		
DRAWN	DPR	01/2015
DATE		
CHECKED	CMR	01/2015
DATE		
APPROVED	JP	01/2015
DATE		

REFERENCE DRAWINGS	
NUMBER	DESCRIPTION

REVISIONS		
DATE	BY	DESCRIPTION

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DEPARTMENT OF TRANSIT INFRASTRUCTURE
AND ENGINEERING SERVICES
OFFICE OF INFRASTRUCTURE RENEWAL PROGRAM

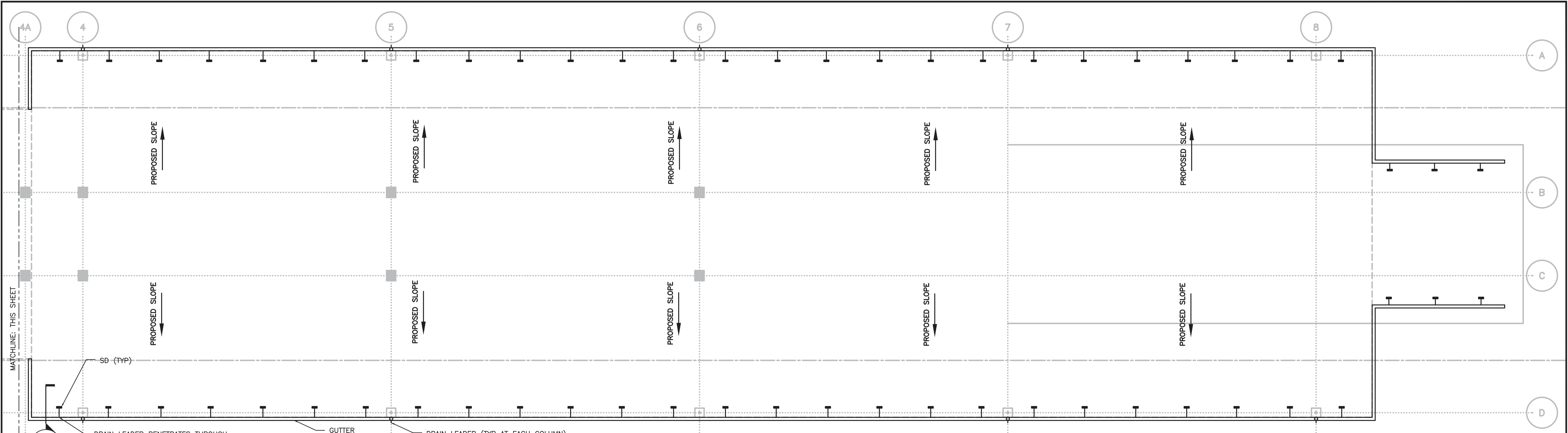
GFP A Gannett Fleming/Parsons
JOINT VENTURE
Brad Mason, P.E.

APPROVED _____ SUBMITTED _____
PROJECT MANAGER

**RED LINE REHAB.-FRIENDSHIP HEIGHTS TO
GROSVENOR - PART 5
MECHANICAL ROOF DEMOLITION PLAN**

SCALE AS SHOWN

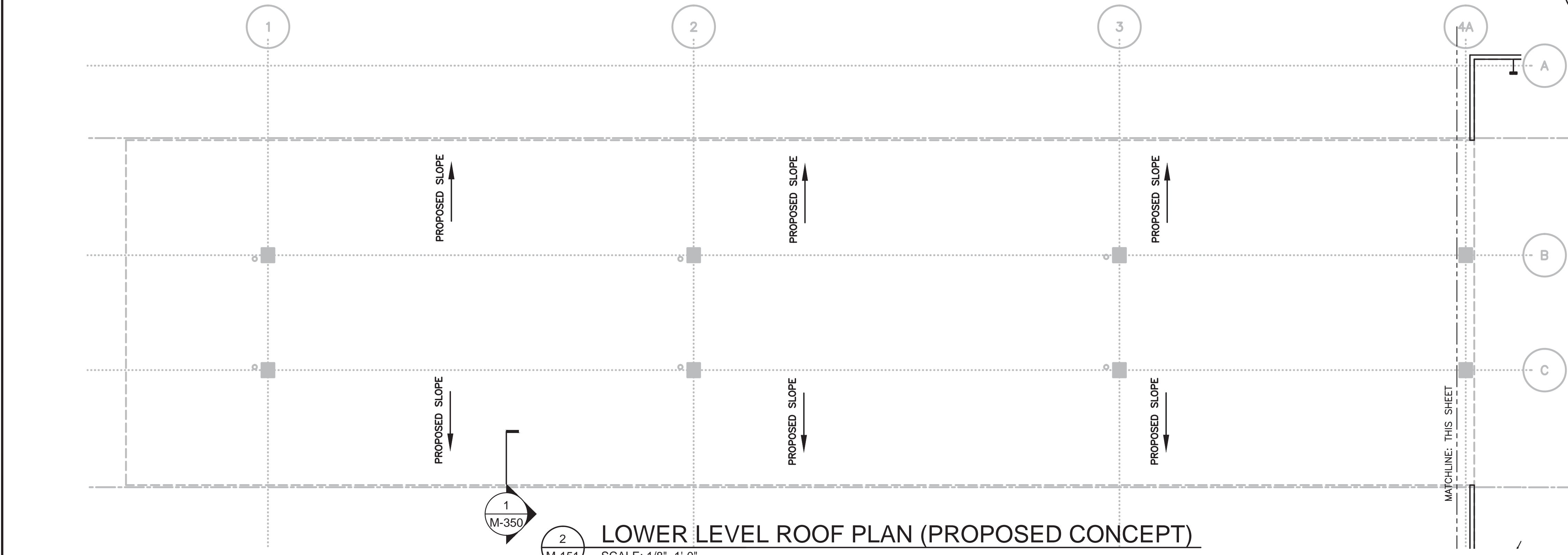
DRAWING NO. **A11-M-150** SHEET NO. **M1272-186**



**UPPER LEVEL ROOF PLAN
(PROPOSED CONCEPT)**

1
M-151

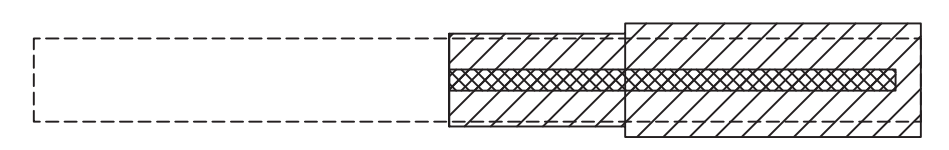
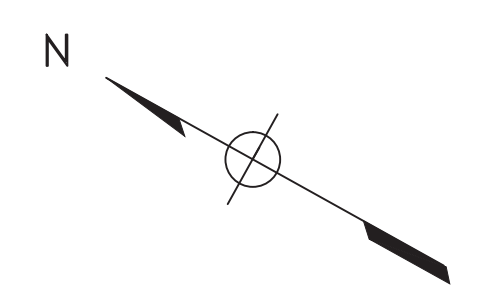
SCALE: 1/8"=1'-0"



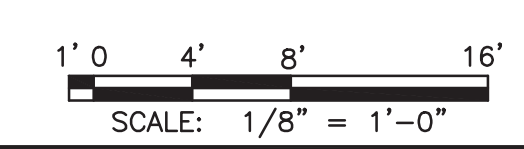
LOWER LEVEL ROOF PLAN (PROPOSED CONCEPT)

2
M-151

SCALE: 1/8"=1'-0"



KEY PLAN
NOT TO SCALE



FINAL

CONTRACT NO.
FQ15093

DESIGNED	DPR	01/2015
DATE		
DRAWN	DPR	01/2015
DATE		
CHECKED	CMR	01/2015
DATE		
APPROVED	JP	01/2015
DATE		

REFERENCE DRAWINGS	
NUMBER	DESCRIPTION

REVISIONS		
NUMBER	DATE	DESCRIPTION

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DEPARTMENT OF TRANSIT INFRASTRUCTURE
AND ENGINEERING SERVICES
OFFICE OF INFRASTRUCTURE RENEWAL PROGRAM

GFP A Gannett Fleming/Parsons
JOINT VENTURE
Brad Mason, P.E.

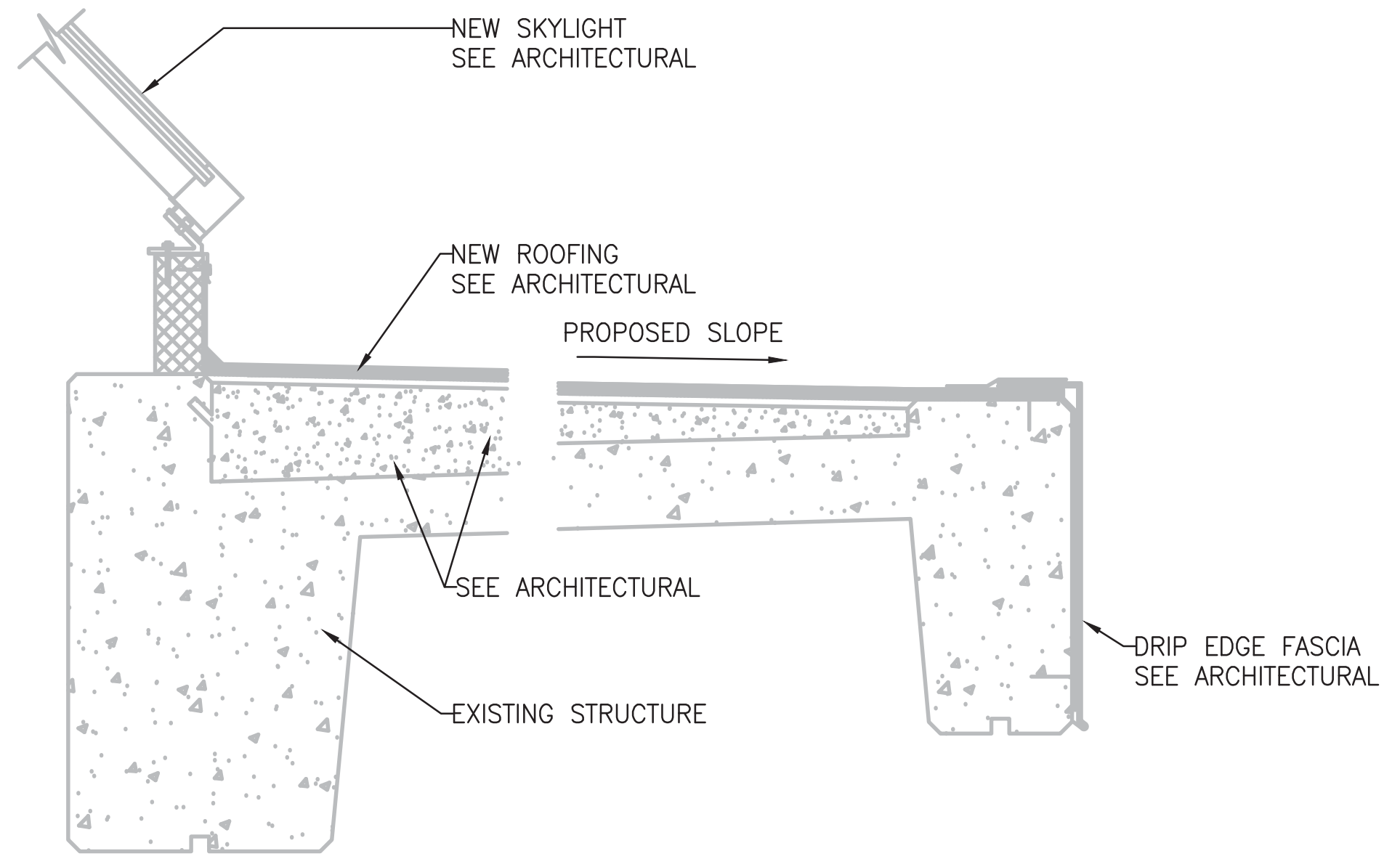
APPROVED _____ SUBMITTED _____
PROJECT MANAGER

**RED LINE REHAB.-FRIENDSHIP HEIGHTS TO
GROSVENOR - PART 5**

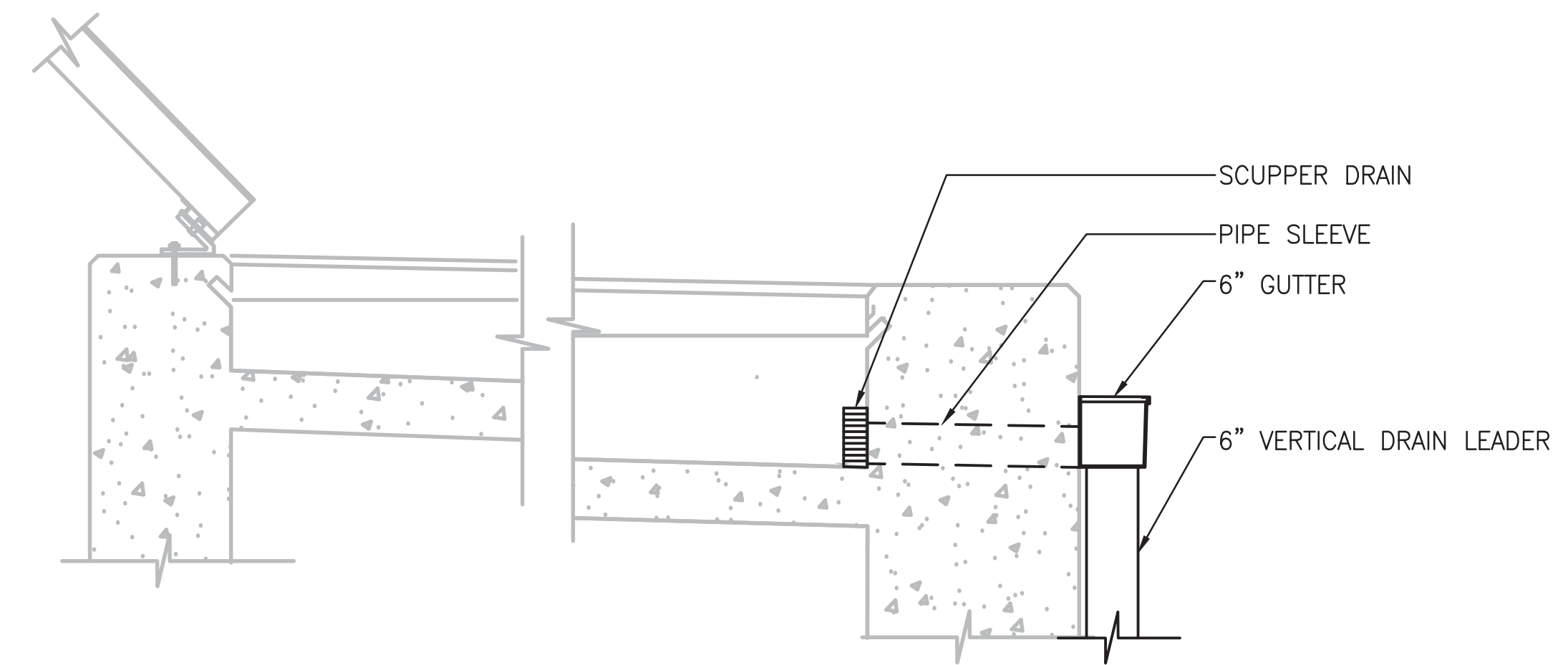
MECHANICAL ROOF PROPOSED PLAN

SCALE: AS SHOWN

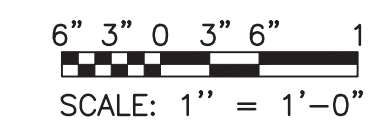
DRAWING NO. **A11-M-151** SHEET NO. **M1272-187**



1 TYPICAL SECTION AT LOWER ROOF
SCALE: 1"=1'-0"



2 TYPICAL SECTION AT SCUPPER DRAIN
SCALE: 1"=1'-0"



FINAL CONTRACT NO. FQ15093

DESIGNED	DPR	01/2015
		DATE
DRAWN	DPR	01/2015
		DATE
CHECKED	CMR	01/2015
		DATE
APPROVED	JP	01/2015
		DATE

REFERENCE DRAWINGS	
NUMBER	DESCRIPTION

REVISIONS		
DATE	BY	DESCRIPTION

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DEPARTMENT OF TRANSIT INFRASTRUCTURE AND ENGINEERING SERVICES
OFFICE OF INFRASTRUCTURE RENEWAL PROGRAM

APPROVED _____

GFP A Gannett Fleming/Parsons JOINT VENTURE
Brad Mason, P.E.

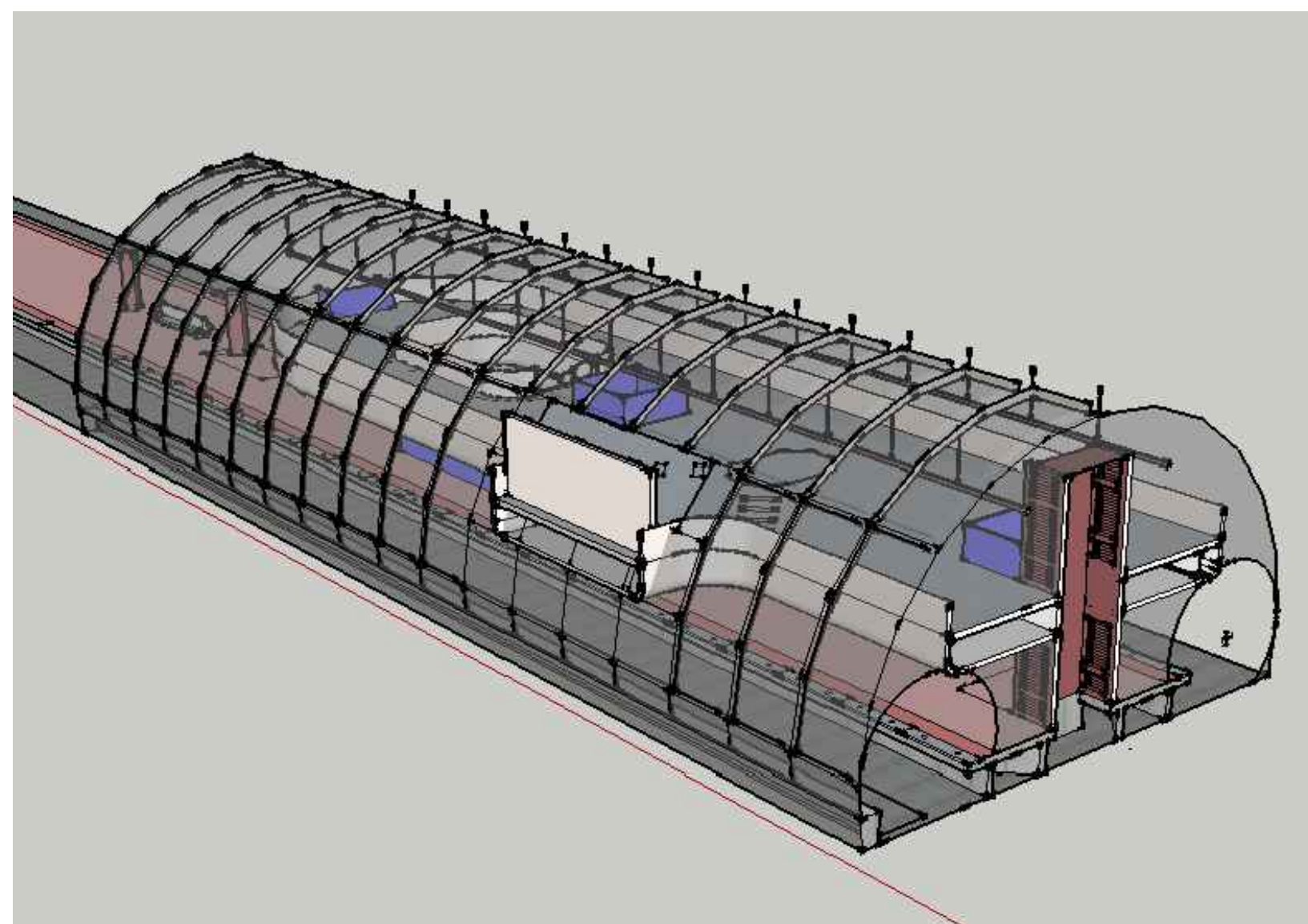
SUBMITTED _____
PROJECT MANAGER

RED LINE REHAB.-FRIENDSHIP HEIGHTS TO GROSVENOR - PART 5

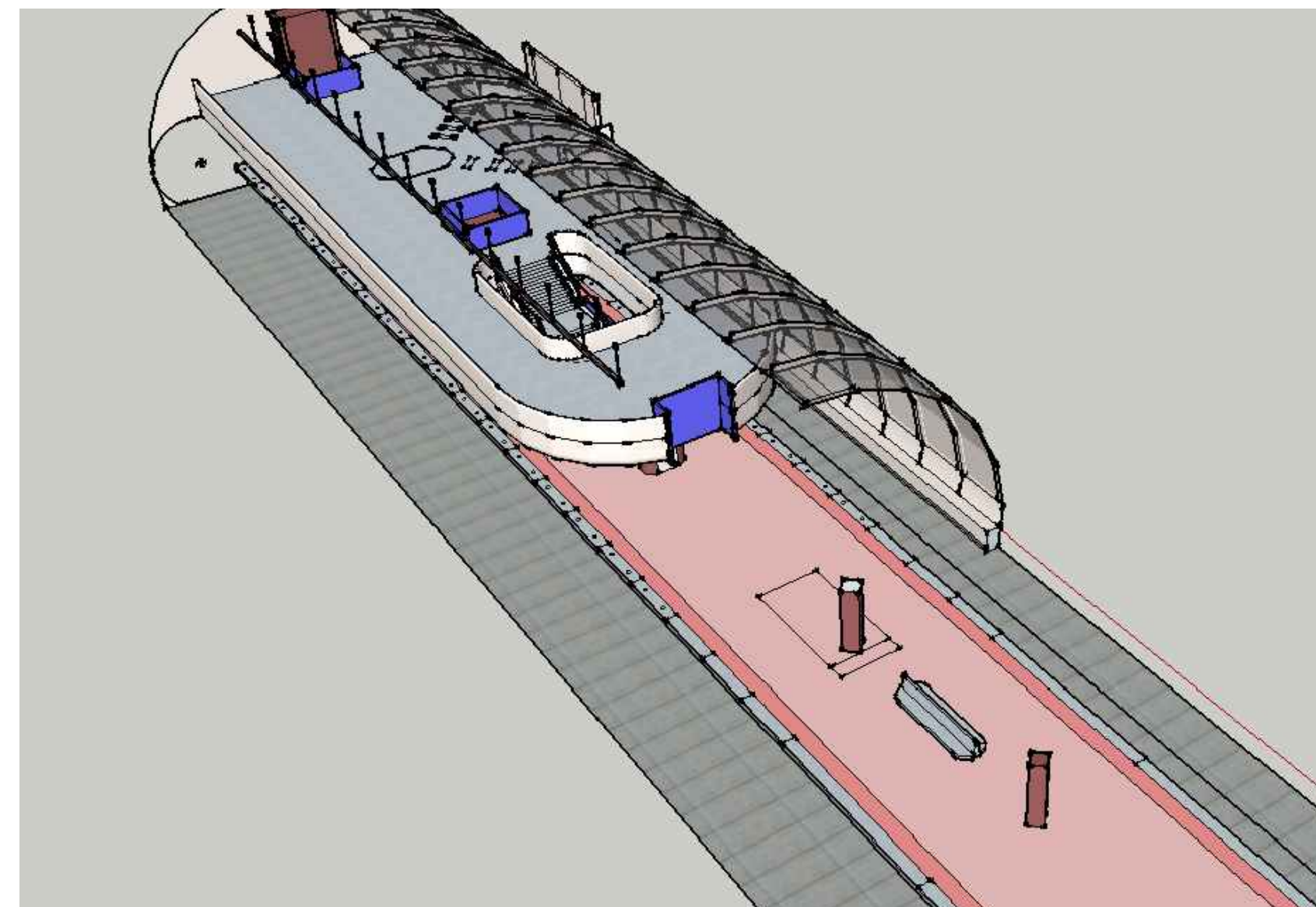
MECHANICAL ROOF PROPOSED SECTIONS

SCALE AS SHOWN

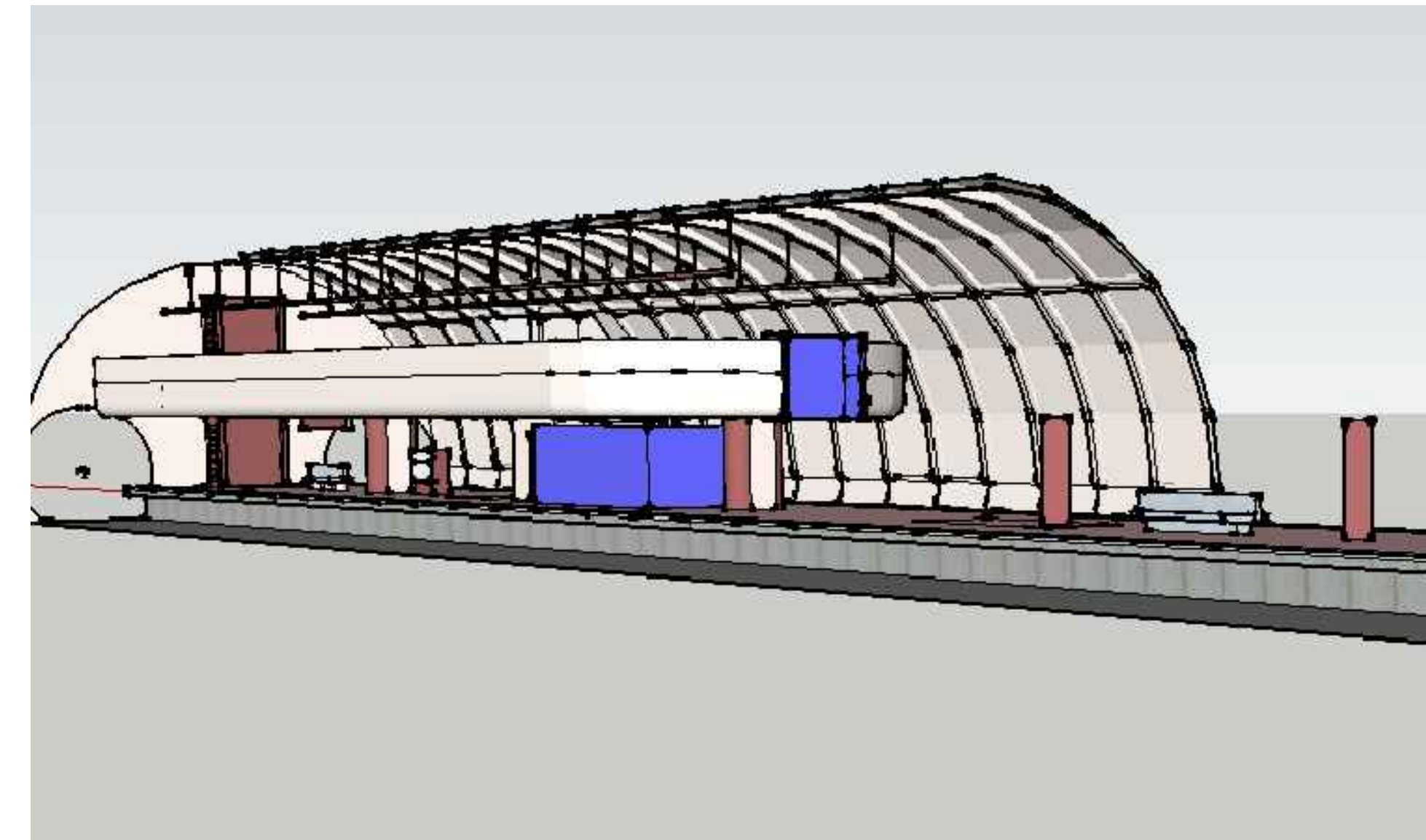
DRAWING NO. A11-M-350 SHEET NO. M1272-188



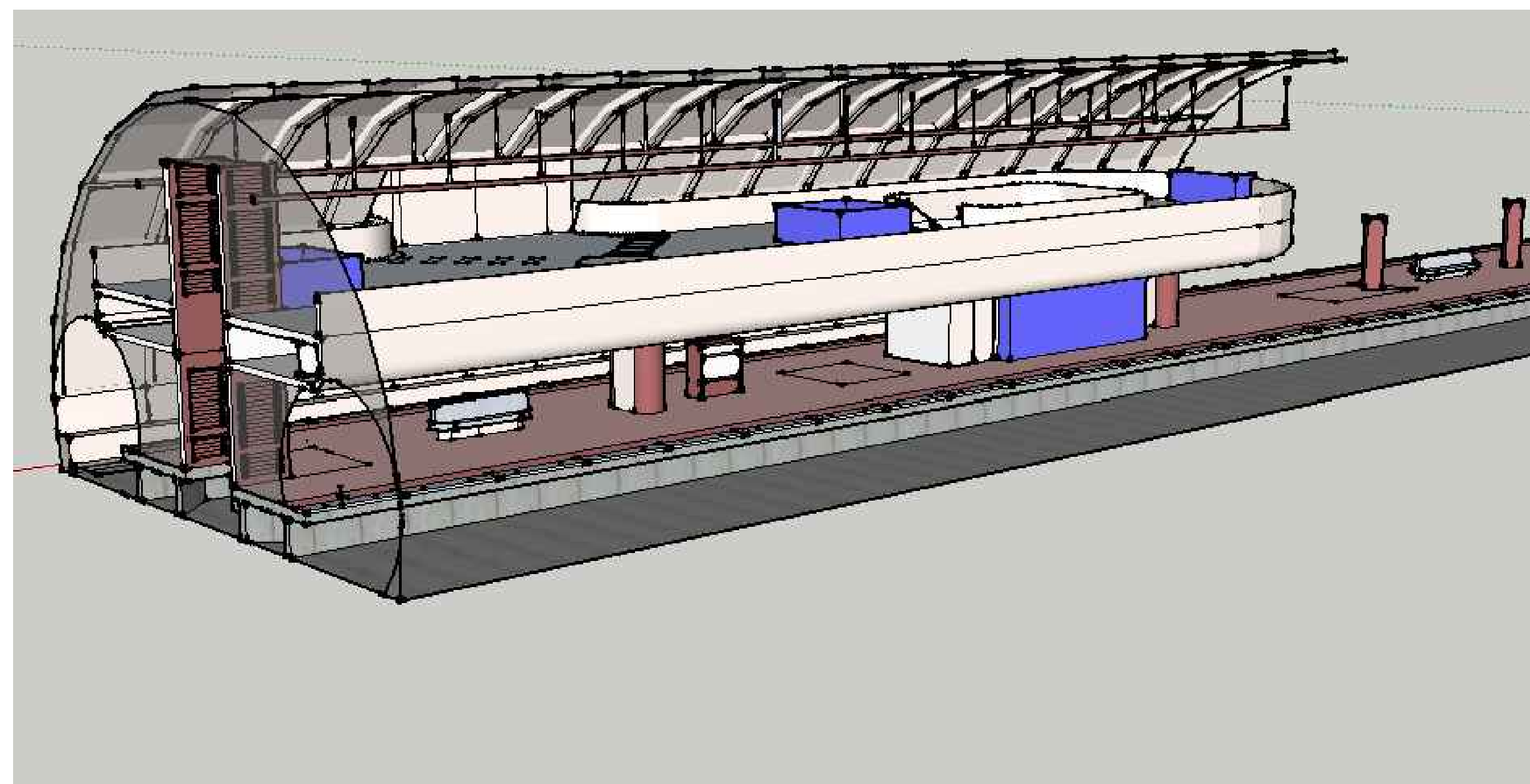
1 VIEW 1 - 1B
A-000 SCALE: NTS



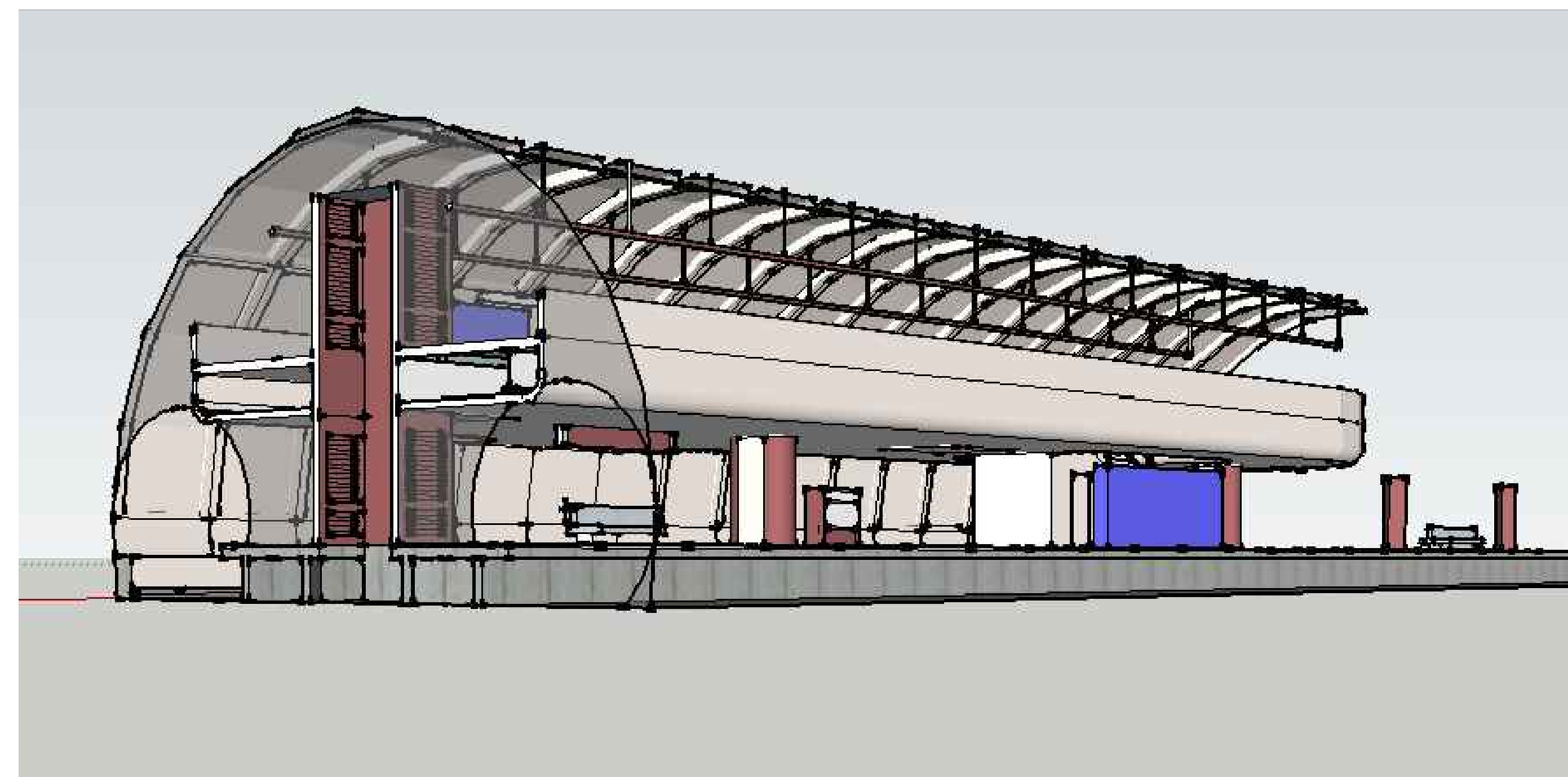
2 VIEW 2 - 1B
A-000 SCALE: NTS



3 VIEW 3 - 1B
A-000 SCALE: NTS



4 VIEW 4 - 1B
A-000 SCALE: NTS



5 VIEW 5 - 1B
A-000 SCALE: NTS

FINAL CONTRACT NO. FQ15093

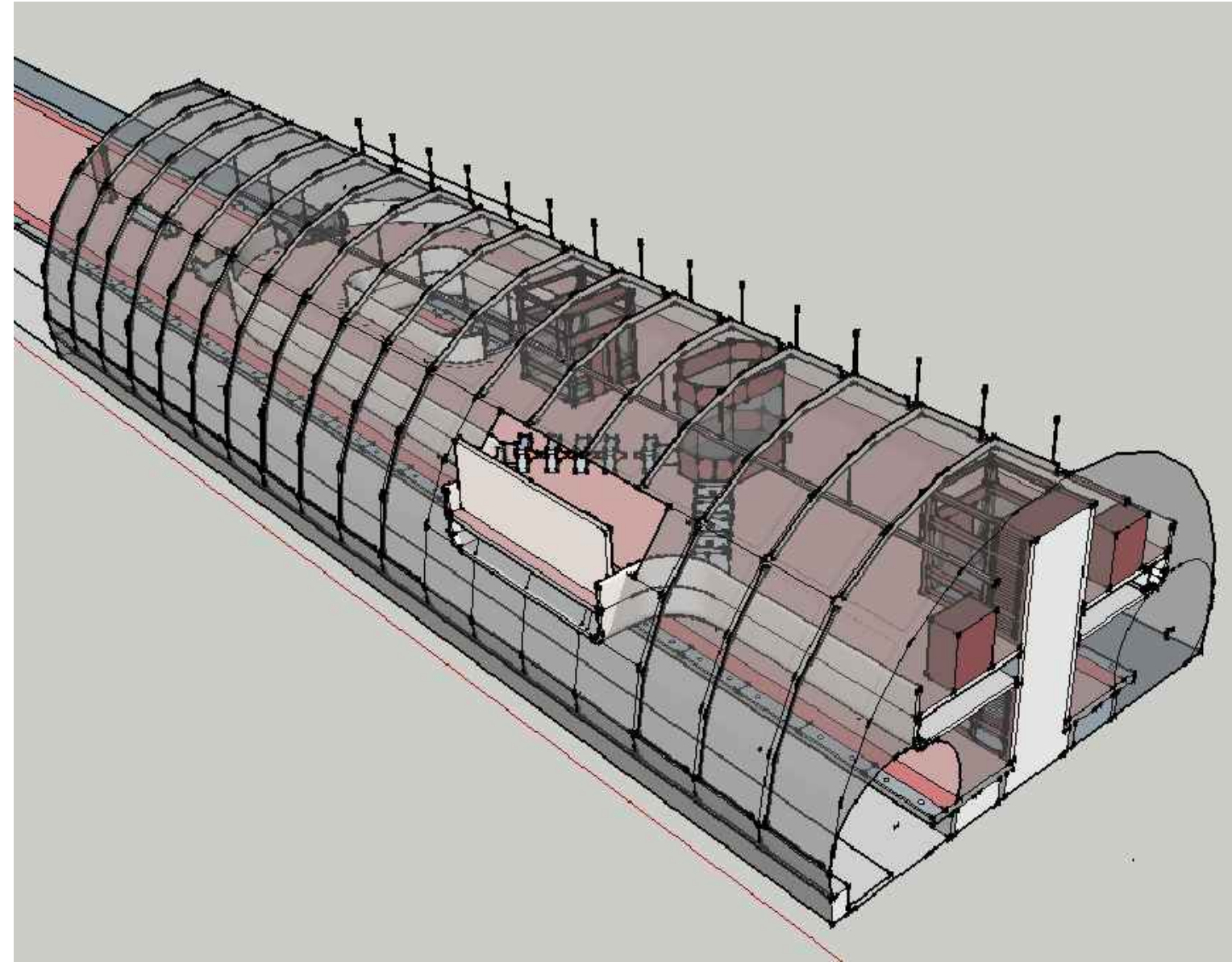
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RES	2/20/15	RES	2/20/15	RES	2/20/15	JP	2/20/15
	DATE		DATE		DATE		DATE

REFERENCE DRAWINGS		REVISIONS	
NUMBER	DESCRIPTION	DATE	DESCRIPTION

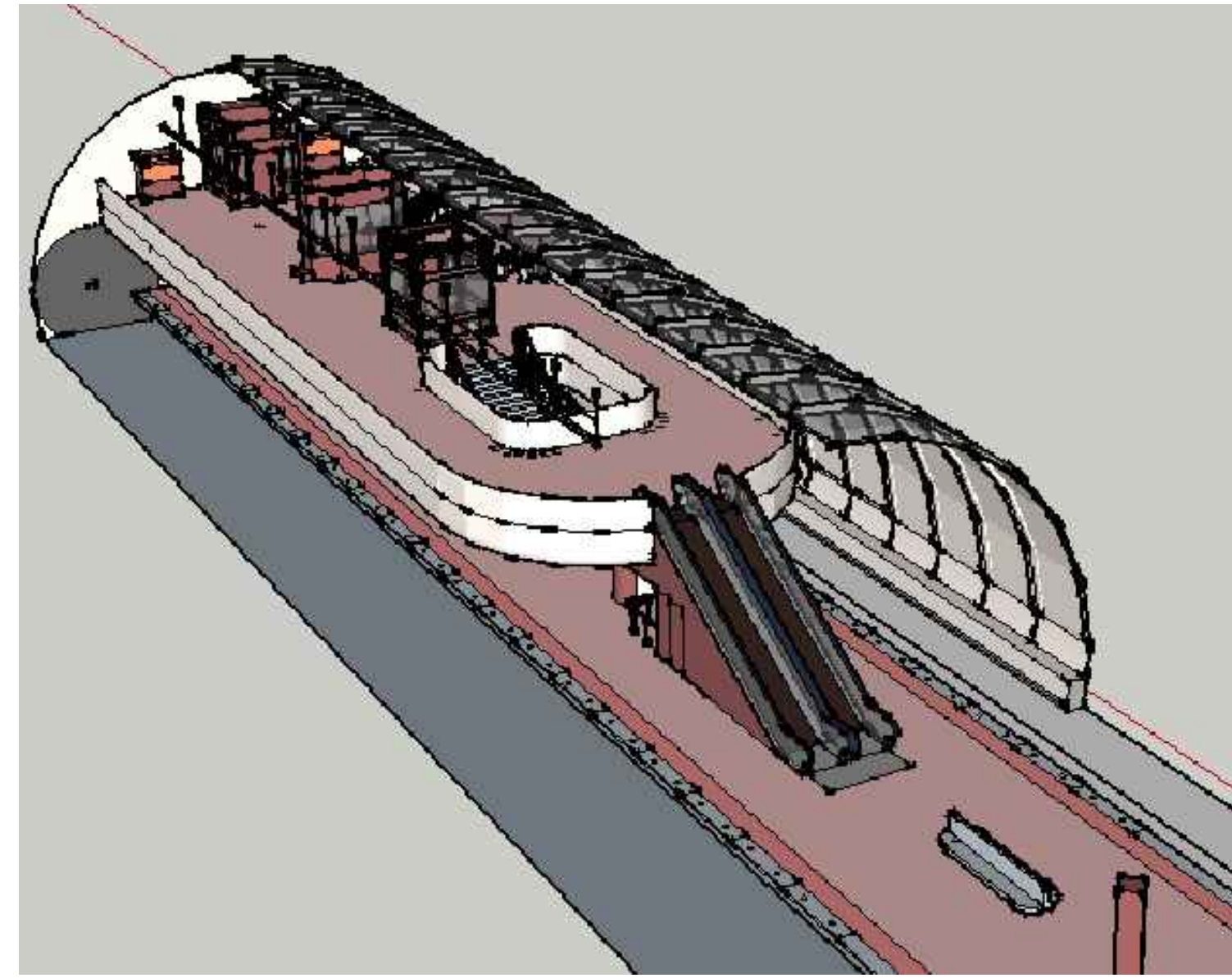
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
 DEPARTMENT OF TRANSIT INFRASTRUCTURE AND ENGINEERING SERVICES
 OFFICE OF INFRASTRUCTURE RENEWAL PROGRAM
 APPROVED _____

GFP A Gannett Fleming/Parsons JOINT VENTURE
 SUBMITTED _____
 PROJECT MANAGER

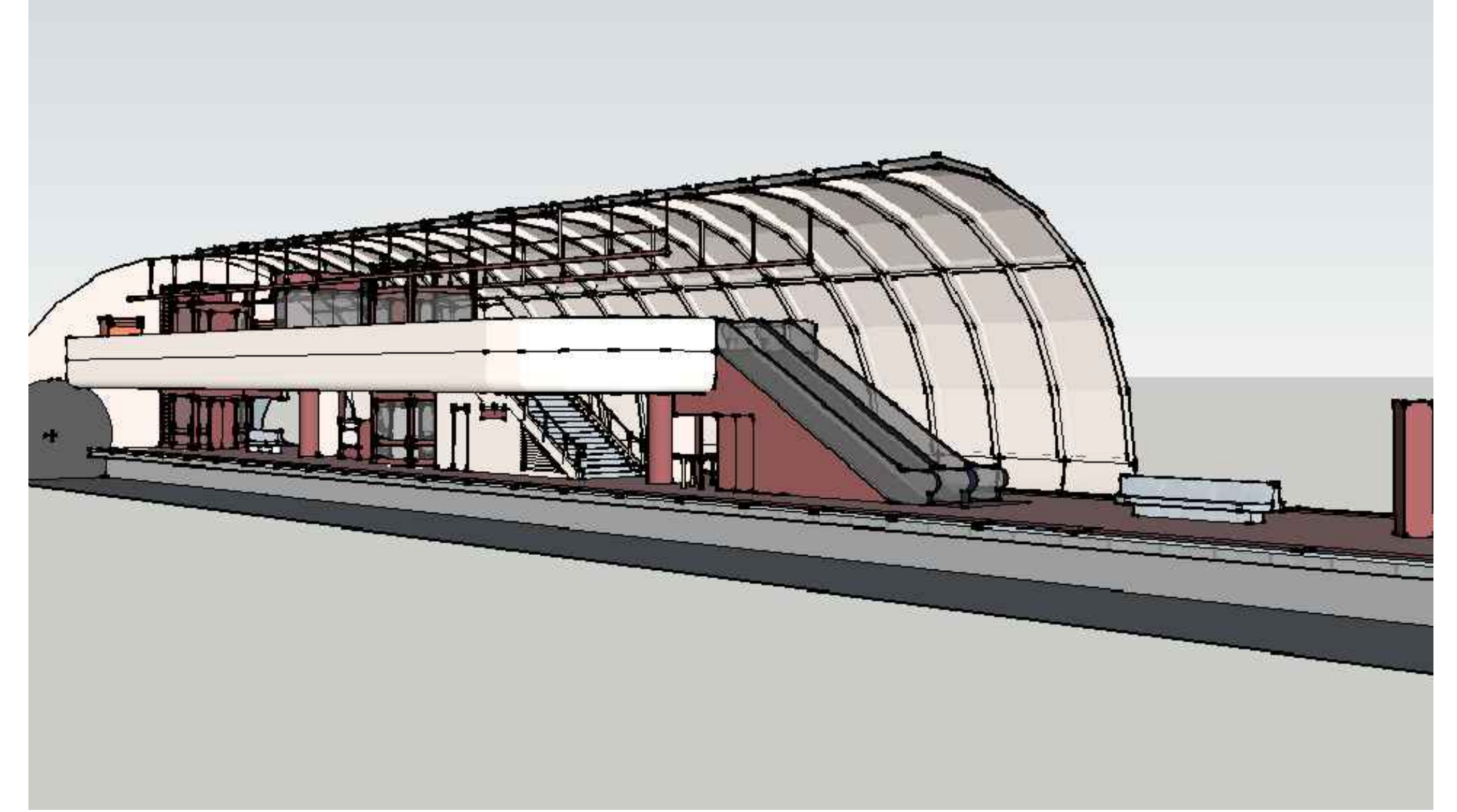
RED LINE REHAB.-FRIENDSHIP HEIGHTS TO GROSVENOR - PART 6
 PHASE 1B PERSPECTIVE VIEWS
 SCALE AS SHOWN
 DRAWING NO. A09-A-000
 SHEET NO. M1272-189



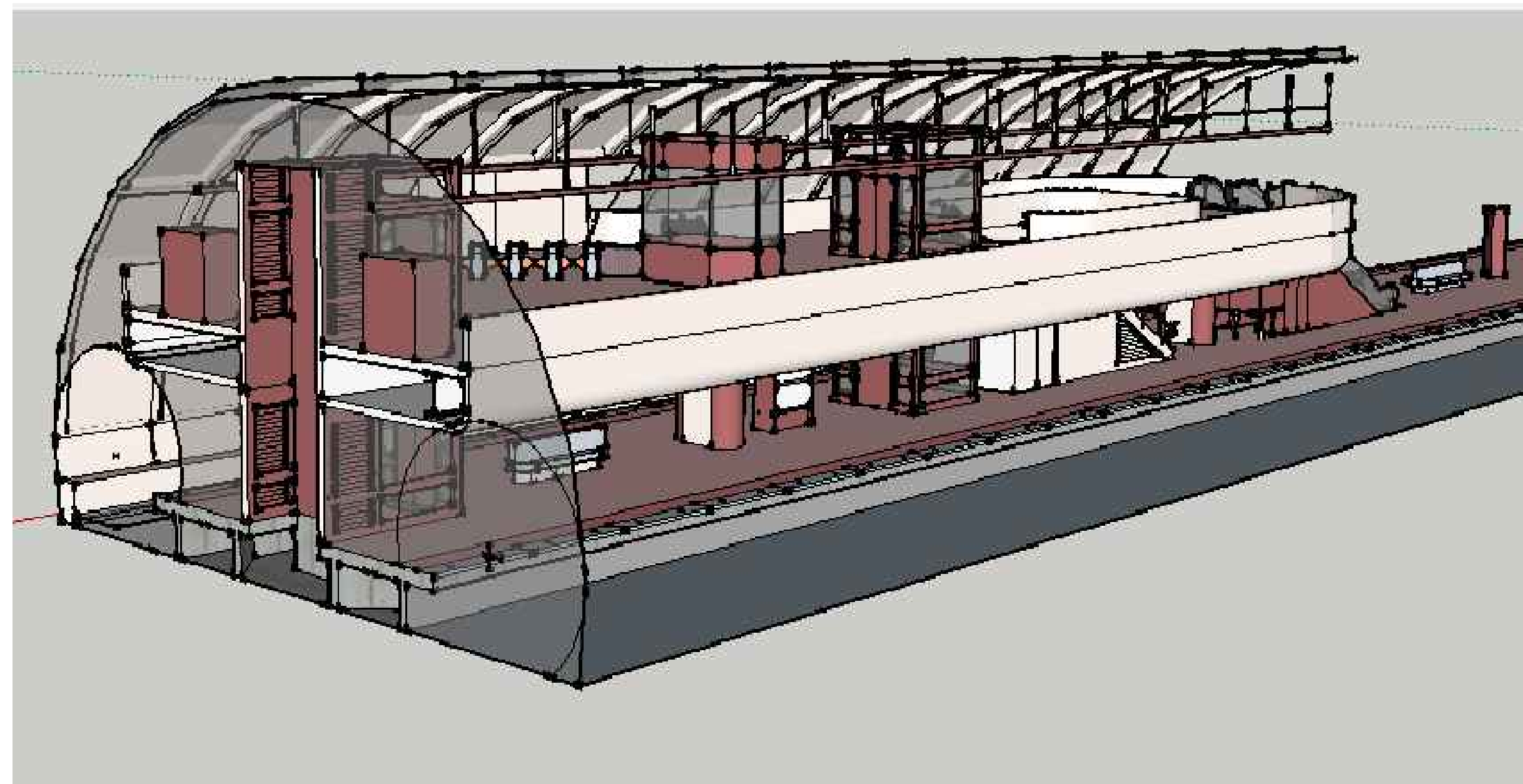
1 VIEW 1 - FUTURE WORK (NIC)
A-001 SCALE: NTS



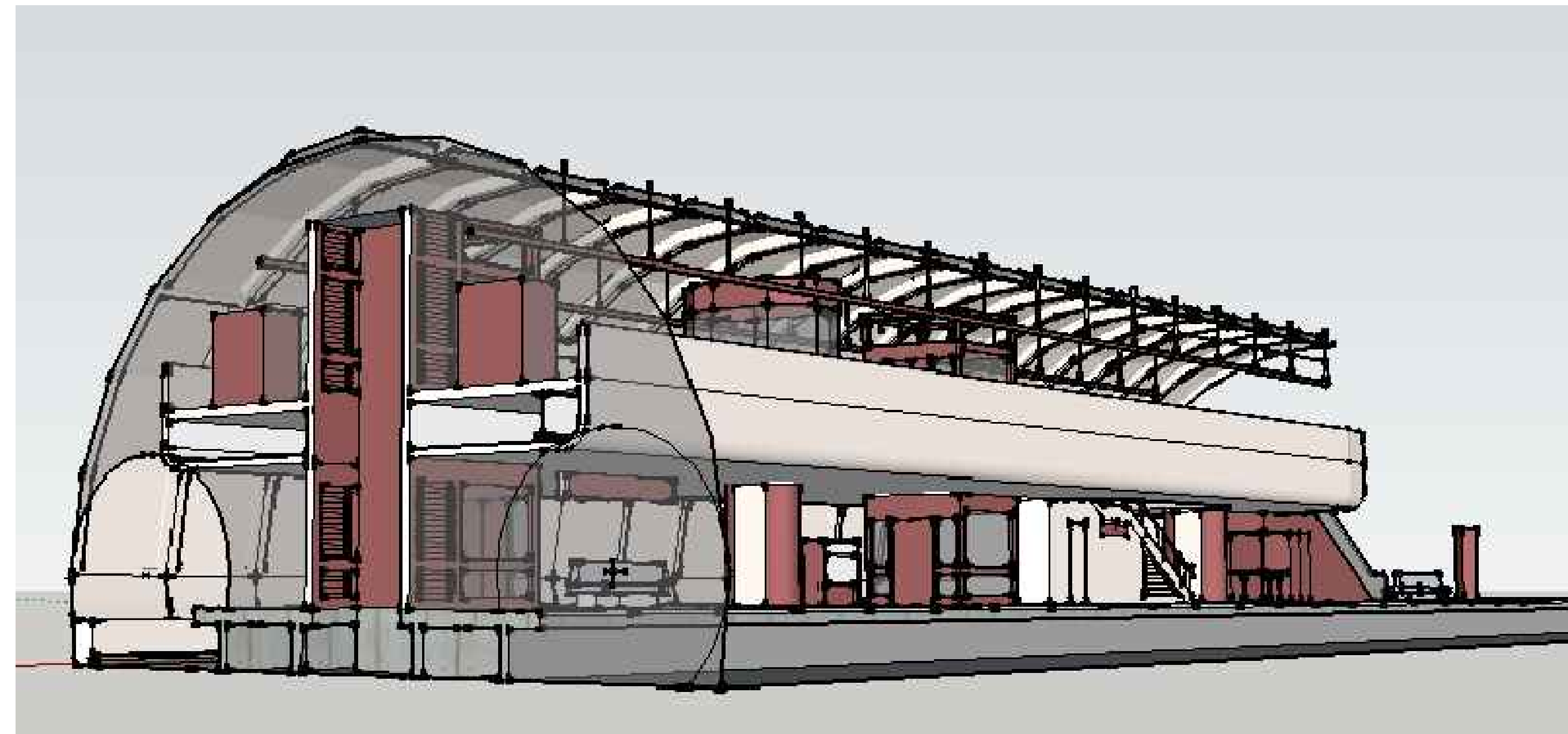
2 VIEW 2 - FUTURE WORK (NIC)
A-001 SCALE: NTS



3 VIEW 3 - FUTURE WORK (NIC)
A-001 SCALE: NTS



4 VIEW 4 - FUTURE WORK (NIC)
A-001 SCALE: NTS



5 VIEW 5 - FUTURE WORK (NIC)
A-001 SCALE: NTS

FINAL CONTRACT NO. FQ15093

		REFERENCE DRAWINGS		REVISIONS		
DESIGNED	RES	NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
	2/20/15					
	DATE					
DRAWN	RES					
	2/20/15					
	DATE					
CHECKED	RES					
	2/20/15					
	DATE					
APPROVED	JP					
	2/20/15					
	DATE					

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DEPARTMENT OF TRANSIT INFRASTRUCTURE
AND ENGINEERING SERVICES
OFFICE OF INFRASTRUCTURE RENEWAL PROGRAM

APPROVED _____

GFP A Gannett Fleming/Parsons
JOINT VENTURE

SUBMITTED _____
PROJECT MANAGER

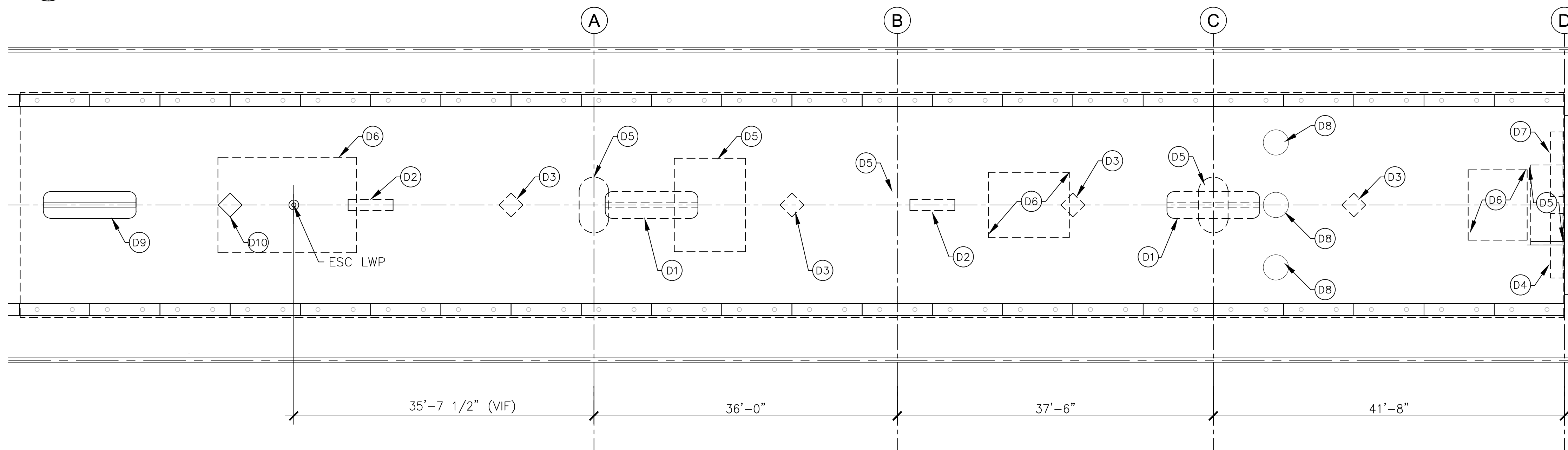
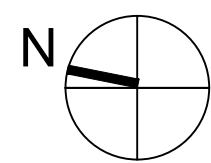
RED LINE REHAB.-FRIENDSHIP HEIGHTS TO
GROSVENOR - PART 6

FUTURE WORK (NIC)
PERSPECTIVE VIEWS

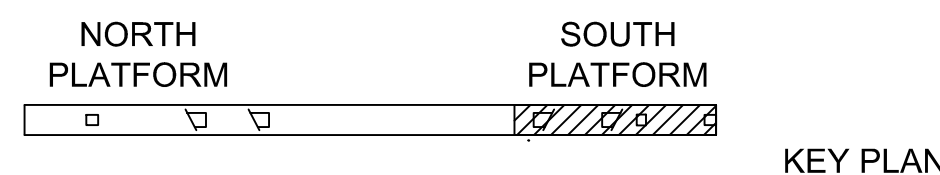
SCALE
AS SHOWN

DRAWING NO.
A09-A-001

SHEET NO.
M1272-190



1 PARTIAL PLATFORM PLAN - DEMOLITION - 1B
A-100 SCALE: 1/8" = 1'-0"



DEMOLITION NOTES FOR 1B

- D1 REMOVE AND STORE EXISTING BENCH FOR SALVAGE OR RE-USE.
- D2 REMOVE AND STORE EXISTING DIORAMA FOR SALVAGE OR RE-USE
- D3 REMOVE PYLONS.
- D4 REMOVE AND RELOCATE ETEC CABINETS TO TEMPORARY AND FINAL LOCATIONS AS DIRECTED BY THE AUTHORITY.
- D5 REMOVE EXISTING SLAB AS REQUIRED TO FACILITATE INSTALLATION OF PROPOSED COLUMNS, STAIRS AND MECH SHAFT. SEE STRUCT, MECH AND ELECT WORK.
- D6 REMOVE EXISTING SLAB AS REQUIRED TO FACILITATE INSTALLATION OF KNOCK-OUT PANEL FOR PROPOSED ESCALATOR AND ELEVATORS. SEE ELECT & STRUCT WORK.
- D7 REMOVE & RELOCATE CWS CABINET TO TEMPORARY AND FINAL LOCATION AS DIRECTED BY THE AUTHORITY.
- D8 EXIST MANHOLE COVER TO REMAIN
- D9 EXIST BENCH TO REMAIN
- D10 EXIST PYLON TO REMAIN

WORK ZONE NOTES

1. DESIGN BUILDER SHALL PERFORM THEIR WORK IN A MANNER THAT ALLOWS FOR FULL USE OF THE STATION DURING PERIODS OTHER THAN AGREED TO STATION CLOSURES AS SCHEDULED.

ABBREVIATIONS

EXIST	EXISTING
W/	WITH
STRUCT	STRUCTURAL
ARCH	ARCHITECTURAL
ELECT	ELECTRICAL
MECH	MECHANICAL
DWGS	DRAWINGS
CONC	CONCRETE
SYS	SYSTEM
TYP	TYPICAL
MEZZ	MEZZANINE
ELEV	ELEVATOR
ESC	ESCALATOR
COORD	COORDINATE
LWP	LOWER WORKING POINT
UWP	UPPER WORKING POINT
VIF	VERIFY IN FIELD

GENERAL DEMOLITION NOTES

1. DIMENSIONS BASED ON RECORD DWGS. DESIGN BUILDER SHALL VERIFY EXISTING FIELD CONDITIONS.
2. PRIOR TO DEMOLITION, VERIFY MATERIALS AND EQUIPMENT TO BE SALVAGED. STORE WHERE DIRECTED BY WMATA (OWNER). SOME ITEMS MAY BE INCORPORATED INTO NEW WORK.
3. VERIFY AND MARK ALL UNDER SLAB UTILITIES PRIOR TO THE START OF WORK.
4. REMOVE ALL RUBBISH AND DEMOLITION DEBRIS FROM THE SITE AND DISPOSE OF IN A LAWFUL MANNER.
5. COORDINATE GENERAL CONSTRUCTION DEMOLITION W/ THE WORK OF OTHER TRADES.
6. REPAIR ALL EXIST STRUCTURES, UTILITIES, AND EQUIPMENT, SCHEDULED TO REMAIN, WHICH ARE DAMAGED DURING DEMOLITION OPERATIONS. ALL WORK SCHEDULED TO BE DEMOLISHED, WILL BE REMOVED COMPLETELY INCLUDING ALL FASTENERS, ATTACHMENTS, ACCESSORIES, OR ANY RELATED WORK.

7. DEMOLITION OF CONC SLABS IS SHOWN ON THE DEMOLITION PLAN AS IT RELATES TO DEMOLITION FOR OTHER TRADES SUCH AS STRUCT FOUNDATIONS. SEE ELECT AND STRUCT DOCUMENTS FOR RELATED DEMOLITION WORK.
8. DEMOLITION INCLUDES ALL ITEMS WHETHER OR NOT SHOWN ON THE DWGS, THAT ARE REQUIRED TO BE REMOVED IN ORDER TO INSTALL THE NEW WORK SHOWN ON DRAWING A-102, A-103 AND OTHER PORTIONS OF THE CONTRACT DOCUMENTS.
9. ALL SURFACES TO REMAIN SHALL BE REFINISHED TO REPAIR ALL HOLES, SCRATCHES, DENTS, MARKS, PITTING, ADHESIVE, BAD JOINTS, DEFECTIVE CMU, ETC. TO BE ACCEPTABLE IN EVERY WAY TO RECEIVE NEW FINISHES.
10. DESIGN BUILDER WILL COORDINATE LOCATIONS OF ALL UTILITIES IN PLENUM AREA BELOW PLATFORM AND VERIFY THAT ALL WORK IS COORDINATED.
11. DESIGN BUILDER IS RESPONSIBLE FOR ALL EQUIPMENT, FURNISHING AND SIGNAGE WHETHER SHOWN OR NOT. DESIGN BUILDER SHALL COORDINATE, REMOVE, PROTECT AND REINSTALL ALL EQUIPMENT, FURNISHING AND SIGNAGE AS REQUIRED TO PROVIDE FOR FUNCTIONAL OPERATIONS BY WMATA.

FINAL

CONTRACT NO. FQ15093

DESIGNED	AD	2/20/15	REFERENCE DRAWINGS		REVISIONS		
			NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
DRAWN	AD	2/20/15					
CHECKED	RES	2/20/15					
APPROVED	JP	2/20/15					

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DEPARTMENT OF TRANSIT INFRASTRUCTURE
AND ENGINEERING SERVICES
OFFICE OF INFRASTRUCTURE RENEWAL PROGRAM

APPROVED _____

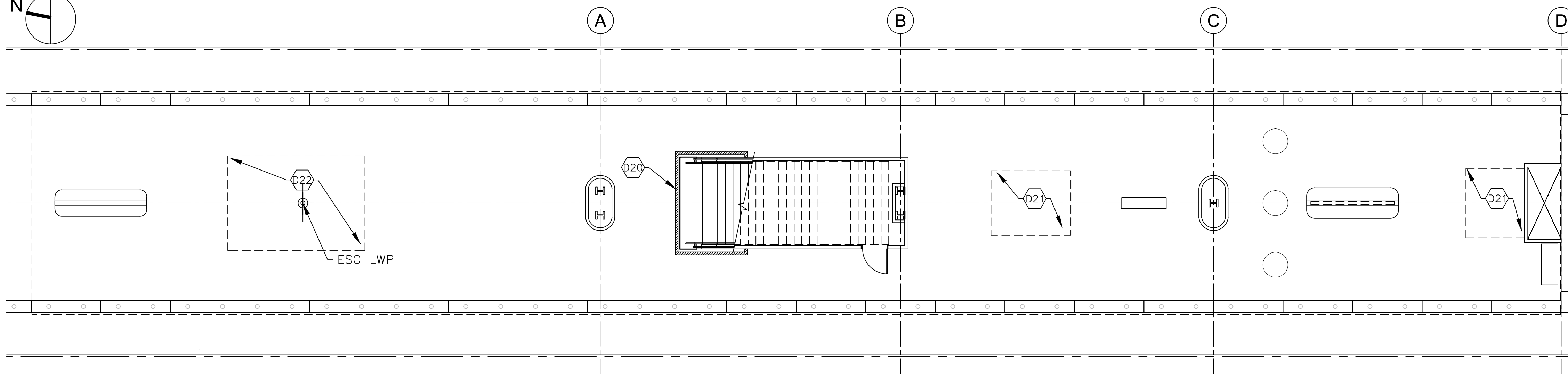
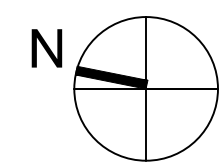


SUBMITTED _____
PROJECT MANAGER

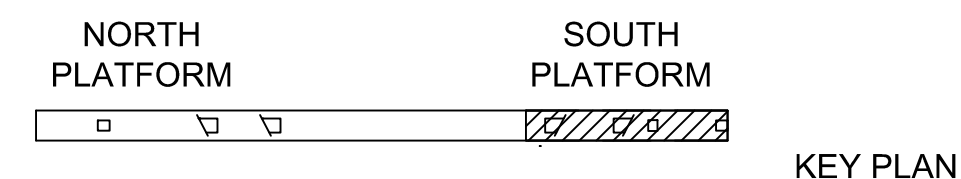
RED LINE REHAB.-FRIENDSHIP HEIGHTS TO GROSVENOR - PART 6

PHASE 1B
PLATFORM DEMOLITION PLAN

SCALE AS SHOWN DRAWING NO. A09-A-100 SHEET NO. M1272-191



1
A-100 PARTIAL PLATFORM PLAN - FUTURE WORK (NIC)
SCALE: 1/8" = 1'-0"

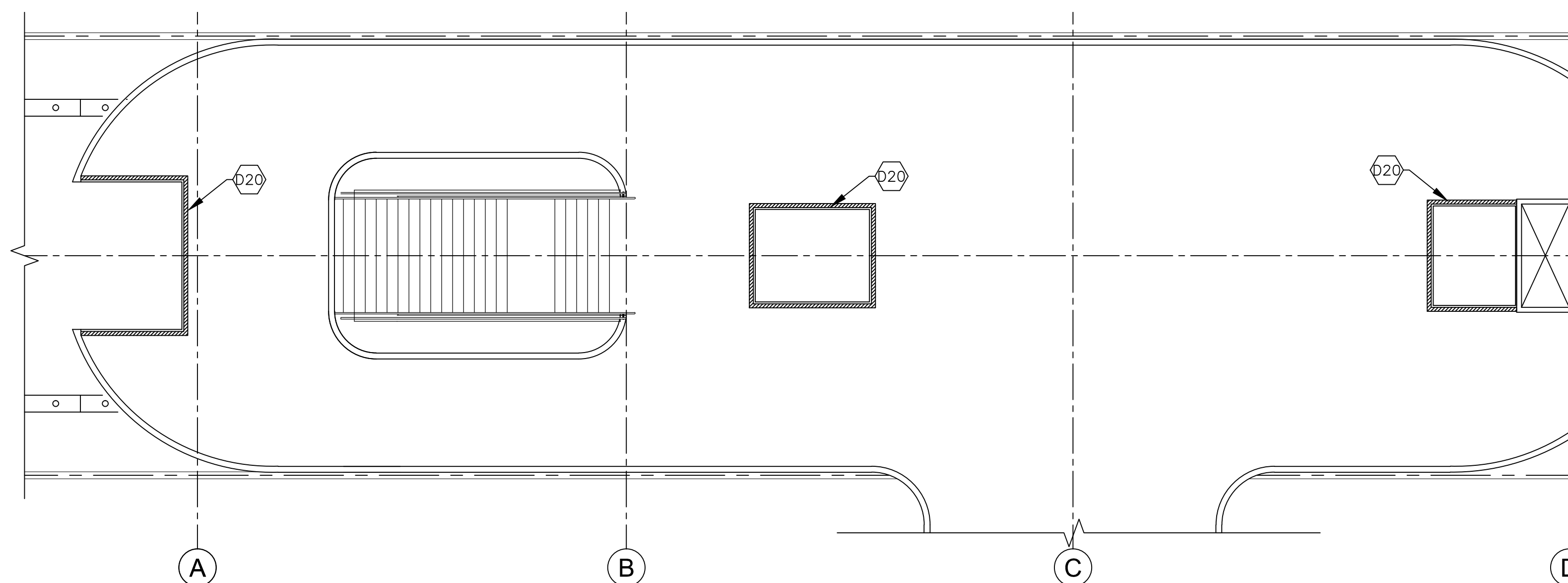


DEMOLITION NOTES FOR 2

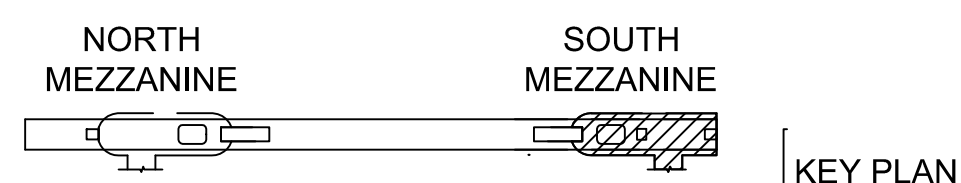
- D20 REMOVE PROTECTION BARRIERS FOR INITIATION OF REVENUE SERVICE
- D21 REMOVE KNOCKOUT PANEL AND PREPARE SURFACE FOR ELEVATOR
- D22 REMOVE KNOCKOUT PANEL AND PREPARE SURFACE FOR ESCALATOR

WORK ZONE NOTES

1. DESIGN BUILDER SHALL PERFORM THEIR WORK IN A MANNER THAT ALLOWS FOR FULL USE OF THE STATION DURING PERIODS OTHER THAN AGREED TO STATION CLOSURES AS SCHEDULED.



1
A-100 MEZZANINE PLAN - FUTURE WORK (NIC)
SCALE: 1/8" = 1'-0"



ABBREVIATIONS

EXIST	EXISTING
W/	WITH
STRUCT	STRUCTURAL
ARCH	ARCHITECTURAL
ELECT	ELECTRICAL
MECH	MECHANICAL
DWGS	DRAWINGS
CONC	CONCRETE
SYS	SYSTEM
TYP	TYPICAL
MEZZ	MEZZANINE
ELEV	ELEVATOR
ESC	ESCALATOR
COORD	COORDINATE
LWP	LOWER WORKING POINT
UWP	UPPER WORKING POINT
VIF	VERIFY IN FIELD

GENERAL DEMOLITION NOTES

1. DIMENSIONS BASED ON RECORD DWGS. DESIGN BUILDER SHALL VERIFY EXISTING FIELD CONDITIONS.
2. PRIOR TO DEMOLITION, VERIFY MATERIALS AND EQUIPMENT TO BE SALVAGED. STORE WHERE DIRECTED BY WMATA (OWNER). SOME ITEMS MAY BE INCORPORATED INTO NEW WORK.
3. VERIFY AND MARK ALL UNDER SLAB UTILITIES PRIOR TO THE START OF WORK.
4. REMOVE ALL RUBBISH AND DEMOLITION DEBRIS FROM THE SITE AND DISPOSE OF IN A LAWFUL MANNER.

5. COORDINATE GENERAL CONSTRUCTION DEMOLITION W/ THE WORK OF OTHER TRADES.
6. REPAIR ALL EXIST STRUCTURES, UTILITIES, AND EQUIPMENT, SCHEDULED TO REMAIN, WHICH ARE DAMAGED DURING DEMOLITION OPERATIONS. ALL WORK SCHEDULED TO BE DEMOLISHED, WILL BE REMOVED COMPLETELY INCLUDING ALL FASTENERS, ATTACHMENTS, ACCESSORIES, OR ANY RELATED WORK.
7. DEMOLITION OF CONC SLABS IS SHOWN ON THE DEMOLITION PLAN AS IT RELATES TO DEMOLITION FOR OTHER TRADES SUCH AS STRUCT FOUNDATIONS. SEE ELECT AND STRUCT DOCUMENTS FOR RELATED DEMOLITION WORK.
8. DEMOLITION INCLUDES ALL ITEMS WHETHER OR NOT SHOWN ON THE DWGS, THAT ARE REQUIRED TO BE REMOVED IN ORDER TO INSTALL THE NEW WORK SHOWN ON DRAWING A-102, A-103 AND OTHER PORTIONS OF THE CONTRACT DOCUMENTS.
9. ALL SURFACES TO REMAIN SHALL BE REFINISHED TO REPAIR ALL HOLES, SCRATCHES, DENTS, MARKS, PITTING, ADHESIVE, BAD JOINTS, DEFECTIVE CMU, ETC. TO BE ACCEPTABLE IN EVERY WAY TO RECEIVE NEW FINISHES.
10. DESIGN BUILDER WILL COORDINATE LOCATIONS OF ALL UTILITIES IN PLENUM AREA BELOW PLATFORM AND VERIFY THAT ALL WORK IS COORDINATED.
11. DESIGN BUILDER IS RESPONSIBLE FOR ALL EQUIPMENT, FURNISHING AND SIGNAGE WHETHER SHOWN OR NOT. DESIGN BUILDER SHALL COORDINATE, REMOVE, PROTECT AND REINSTALL ALL EQUIPMENT, FURNISHING AND SIGNAGE AS REQUIRED TO PROVIDE FOR FUNCTIONAL OPERATIONS BY WMATA.

FINAL CONTRACT NO. FQ15093

DESIGNED AD	2/20/15	REFERENCE DRAWINGS		REVISIONS	
		NUMBER	DESCRIPTION	DATE	DESCRIPTION
DRAWN AD	2/20/15				
CHECKED RES	2/20/15				
APPROVED JP	2/20/15				

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DEPARTMENT OF TRANSIT INFRASTRUCTURE AND ENGINEERING SERVICES
OFFICE OF INFRASTRUCTURE RENEWAL PROGRAM

APPROVED _____

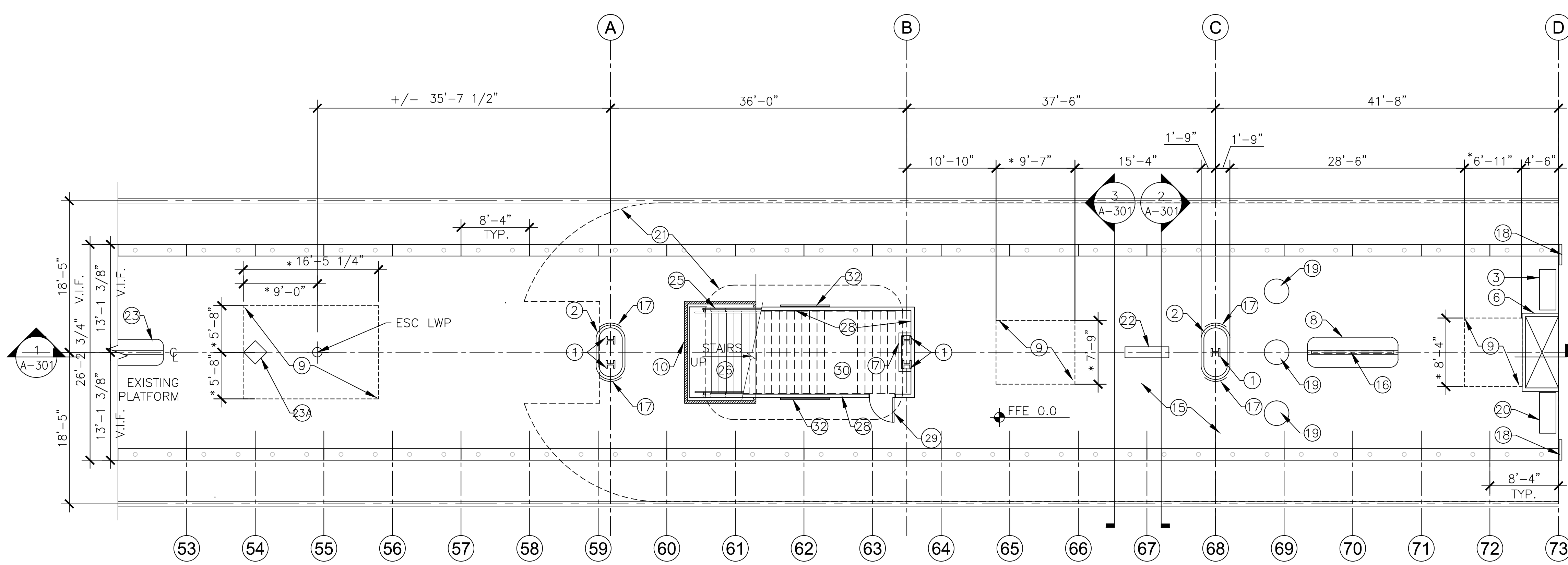
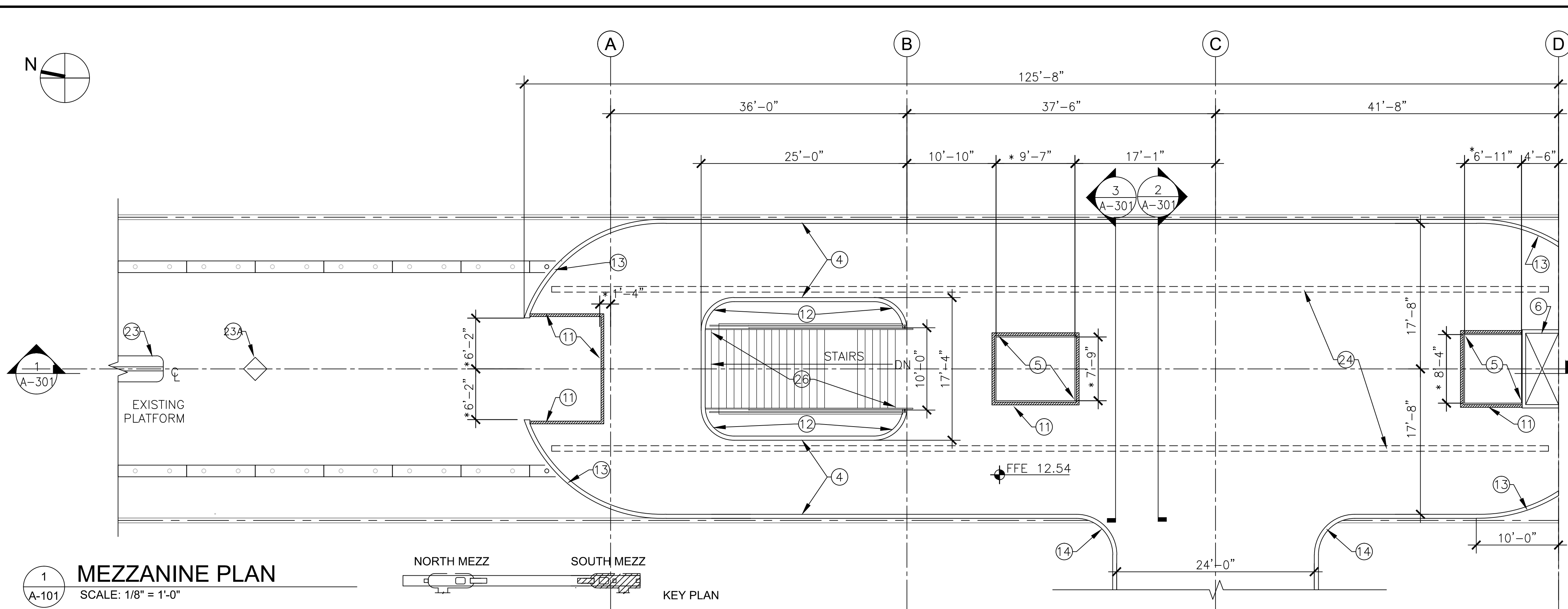


SUBMITTED _____
PROJECT MANAGER

RED LINE REHAB.-FRIENDSHIP HEIGHTS TO GROSVENOR - PART 6

FUTURE WORK (NIC)
PLATFORM DEMOLITION PLAN

SCALE AS SHOWN	DRAWING NO. A09-A-101	SHEET NO. M1272-192
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GENERAL NOTES

- SEE A-301 FOR GENERAL NOTES
- SHEET NOTES FOR PHASE 1B**
- NEW STEEL COLUMNS. SEE STRUCT DOCUMENTS. FIREPROOF AS REQUIRED.
 - PRECAST CONCRETE OR GFRC COLUMN SURROUNDS.
 - CWS CABINET FURNISHED BY AR INSTALLED BY DESGN BUILDER.
 - PRECAST CONC MEZZANINE PARAPET WALLS W/ BRONZE RAIL. SEE BETHESDA STATION RECORD DWGS FOR SIZE AND CONFIGURATION.
 - FLOOR OPENING FOR ELEVATOR HOISTWAY.
 - MECH SHAFT WITH LOUVERS ON SIDE WALLS. COORD W/MECH DOCUMENTS.
 - 8'-0" HIGH WALL AROUND THE COLUMNS. USE FIRE-RESISTANT MATERIALS.
 - GRANITE BENCH W/RETURN AIR TO MATCH EXIST. SEE RECORD ARCH DWGS.
 - KNOCK OUT PANEL WITH HEXAGON FLOOR TILES TO MATCH EXISTING ON THE FLOOR. FIRE RATED "X" TYPE GYPSUM BOARD CEILING ABOVE TO COVER THE MEZZANINE OPENING FOR ELEVATOR
 - TEMPORARY 8'-0" HIGH WALL AROUND THE STAIRS. USE FIRE RESISTANT MATERIALS.
 - TEMPORARY GUARD RAIL & WALL TO ENCLOSE PARAPET OPENING
 - RADIUS FOR STAIR WELLWAY CORNERS SHALL MATCH EXIST AT THE NORTH MEZZANINE. TYP FOR (4) CORNERS.
 - RADIUS FOR MEZZANINE PARAPET WALL CORNER BY ESCALATOR SHALL MATCH EXIST AT THE NORTH MEZZANINE.
 - RADIUS FOR WALL CORNERS BETWEEN MEZZANINE AND PASSAGEWAY SHALL MATCH EXIST AT THE NORTH MEZZANINE. TYP FOR (2) CORNERS.
 - INFILL THE FLOOR TO MATCH EXIST HEXAGON FLOOR TILES IN AREAS WHERE PYLONS, BENCHES AND DIORAMAS ARE REMOVED
 - CEILING MOUNTED STATION NAME SIGN W/ REQUIRED ADA DIRECTIONAL SYMBOLS SIMILAR TO SIGN TYPE INCLUDED IN CURRENT WMATA SIGNAGE MANUAL
 - PORCELAIN ENAMEL ON ALUMINUM VERTICAL STATION NAME SIGNAGE.
 - EXIST GATES TO REMAIN
 - EXIST MANHOLE COVER TO REMAIN
 - ETEC CABINET FURNISH BY AR INSTALLED BY DESIGN BUILDER.
 - MEZZANINE PARAPET WALL OUTLINE ABOVE
 - DIORAMA W/ STATION AHEAD LIST, SYS MAP, AREAS MAP AND RETURN AIR BELOW. NEW WORK OR MODIFIED EXIST DIORAMA.
 - EX BENCH TO REMAIN. EX PYLON TO REMAIN
 - NEW FLOURESCENT LIGHT FIXTURES 9'-0" AFF SIMILAR TO THOSE USED ON THE NORTH MEZZANINE. LIGHTING LEVELS SHALL COMPLY W/WMATA CRITERIA.
 - NEW BRONZE AND GLASS BALUSTRADE SYS TO MATCH STAIR AT NORTH MEZZANINE.
 - STAIR MATERIAL AND CONSTRUCTION TO MATCH STAIR AT NORTH MEZZANINE, EXCEPT WIDTH. DESIGN INCLUDES PRECAST CONC STRINGERS AND GRANITE TREADS. STRUCT LOADING SHALL COMPLY W/MONTGOMERY COUNTY REQUIREMENTS.
 - NEW METAL PANEL CEILING TO COMPLY W/ CURRENT WMATA STANDARD. COORDINATE LIGHTING, PUBLIC ADDRESS AND DIFFUSER LOCATIONS.
 - PRECAST CONCRETE WALL PANELS TO MATCH THOSE AT THE NORTH MEZZANINE. FORM LINER SHALL MATCH EXIST.
 - 3'x7' DOOR TO MATCH EXIST AT NORTH MEZZANINE STAIRS.
 - ELEVATOR EQUIPMENT ROOM.
 - RETURN AIR LOUVERS TO MATCH THOSE AT NORTH MEZZANINE STAIRS. ONE REQUIRED ON EACH SIDE.
 - PORCELAIN ENAMEL ON ALUMINUM HORIZONTAL STATION AHEAD LIST SHALL COMPLY W/ WMATA SIGNAGE MANUAL.

NOTE:
SHEET NOTES FOR PHASE 1B ALSO APPLIES TO SHEET (A-301)W/SECTIONS.
* COORDINATE THE DIMENSION W/ EQUIPMENT MANUFACTURER

FINAL CONTRACT NO. **FQ15093**

DESIGNED		DATE		NUMBER		DESCRIPTION		DATE		BY		DESCRIPTION	
AD		2/20/15											
DRAWN	AD	2/20/15											
CHECKED	RES	2/20/15											
APPROVED	JP	2/20/15											

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DEPARTMENT OF TRANSIT INFRASTRUCTURE AND ENGINEERING SERVICES
OFFICE OF INFRASTRUCTURE RENEWAL PROGRAM

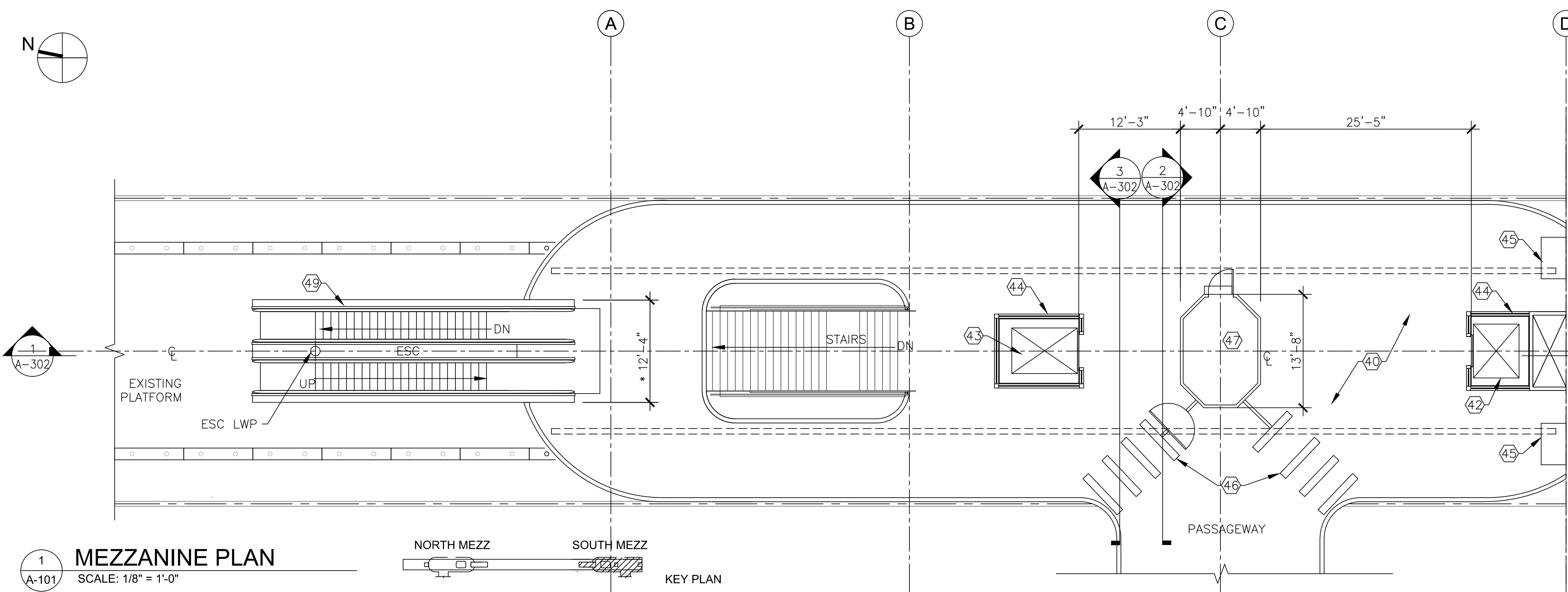
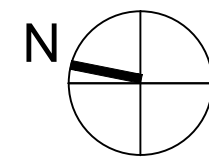
GFP A Gannett Fleming/Parsons JOINT VENTURE

APPROVED _____ SUBMITTED _____ PROJECT MANAGER

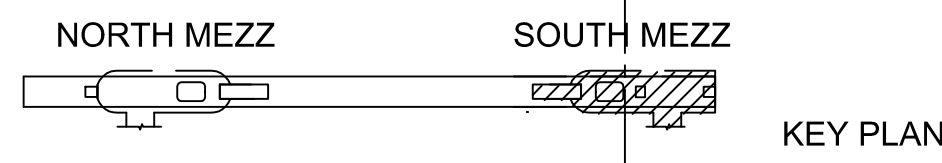
RED LINE REHAB.-FRIENDSHIP HEIGHTS TO GROSVENOR - PART 6

PHASE 1B
PLATFORM & MEZZANINE NEW WORK PLANS

SCALE AS SHOWN DRAWING NO. A09-A-102 SHEET NO. M1272-193



1 MEZZANINE PLAN
SCALE: 1/8" = 1'-0"



GENERAL NOTES

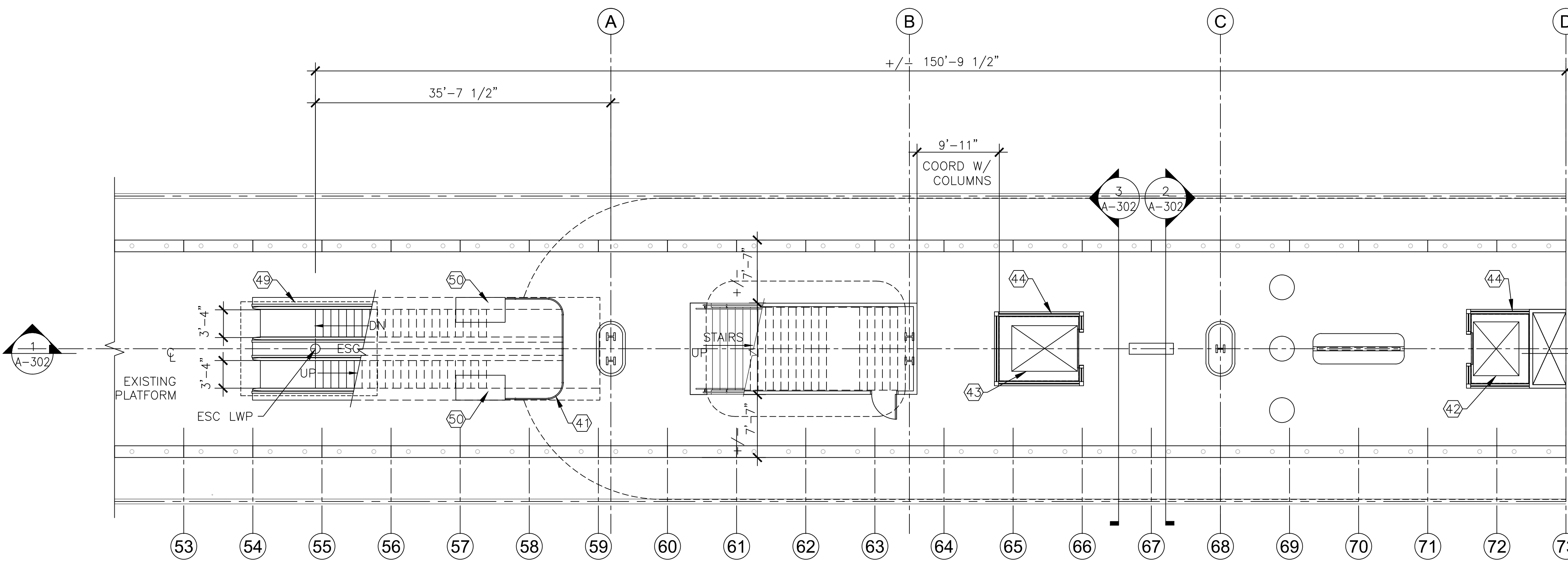
SEE A-301 FOR GENERAL NOTES

SHEET NOTES FOR FUTURE WORK(NIC)

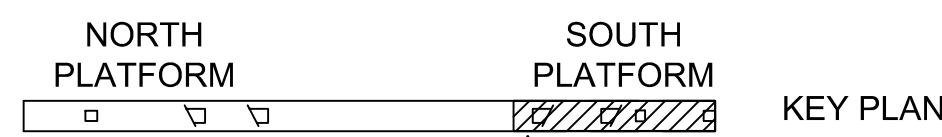
- 40 MEZZANINE FLOOR. HEXAGON QUARRY TILE TO MATCH EXIST.
- 41 BRASS RAIL SYS TO MATCH SIMILAR RAIL UNDER NORTH MEZZANINE
- 42 3500 LBS HANDICAPPED JACKLESS ELEVATOR.
- 43 4500 LBS JACKLESS ELEVATOR.
- 44 ALUMINUM STOREFRONT SYS AROUND ELEVATOR HOISTWAYS. SEE WMATA STANDARDS AND MATCH EXIST AT NORTH END OF STATION.
- 45 EXIT FARE MACHINE TO MATCH EXIST. FURNISH & INSTALL BY WMATA.
- 46 TURNSTILES TO MATCH EXIST. FURNISH & INSTALL BY WMATA.
- 47 STATION MANAGER KIOSK.
- 48 ELEVATOR SIGN AS REQUIRED COMPLY W/ WMATA SIGNAGE MANUAL.
- 49 ESCALATOR FINISHES AND BALUSTRADE TO MATCH EXISTING ESCALATORS AT THE NORTH MEZZANINE. WALL FINISH MATERIALS TO MATCH METAL PANELS. BALUSTRADE TO MATCH EXIST GLASS BALUSTRADE.
- 50 ESCALATOR EQUIPMENT CABINETS TO MATCH EXISTING CABINETS AT OTHER METRO CENTER. MATERIALS TO MATCH ADJACENT ESCALATOR FINISHES. FINAL LOCATIONS SHALL BE DETERMINED W/ WMATA.

NOTE:
SHEET NOTES FOR FUTURE WORK (NIC) ALSO APPLIES TO SHEET (A-302) W/ SECTIONS.

* COORDINATE THE DIMENSION W/ EQUIPMENT MANUFACTURER



2 PARTIAL PLATFORM PLAN
SCALE: 1/8" = 1'-0"



FINAL CONTRACT NO. FQ15093

DESIGNED	AD	2/20/15
DRAWN	AD	2/20/15
CHECKED	RES	2/20/15
APPROVED	JP	2/20/15

REFERENCE DRAWINGS	
NUMBER	DESCRIPTION

REVISIONS		
DATE	BY	DESCRIPTION

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DEPARTMENT OF TRANSIT INFRASTRUCTURE AND ENGINEERING SERVICES
OFFICE OF INFRASTRUCTURE RENEWAL PROGRAM

APPROVED _____

GFP A Gannett Fleming/Parsons JOINT VENTURE

SUBMITTED _____
PROJECT MANAGER

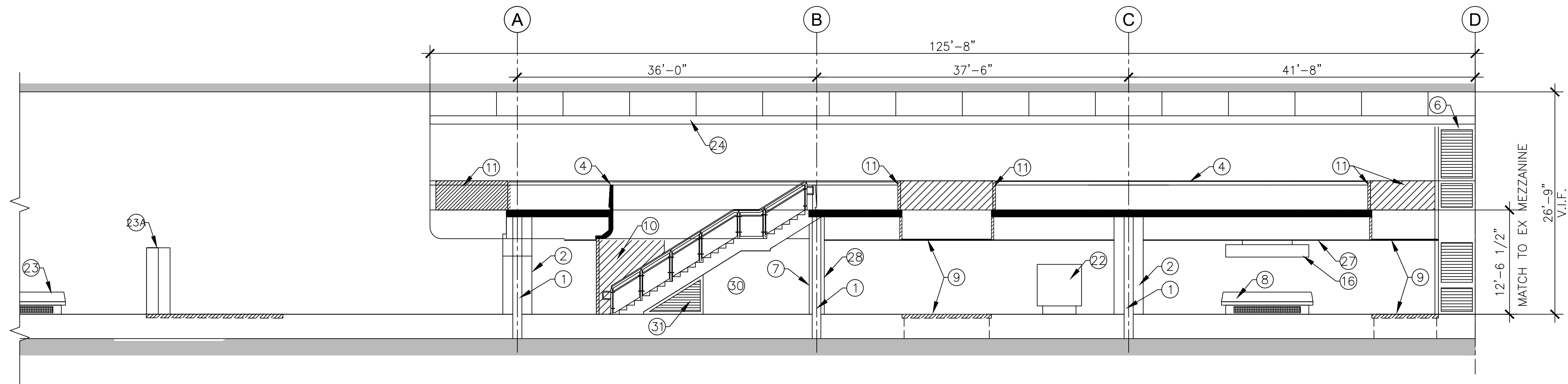
RED LINE REHAB.-FRIENDSHIP HEIGHTS TO GROSVENOR - PART 6

FUTURE WORK (NIC)
PLATFORM & MEZZANINE NEW WORK PLANS

SCALE AS SHOWN

DRAWING NO. A09-A-103

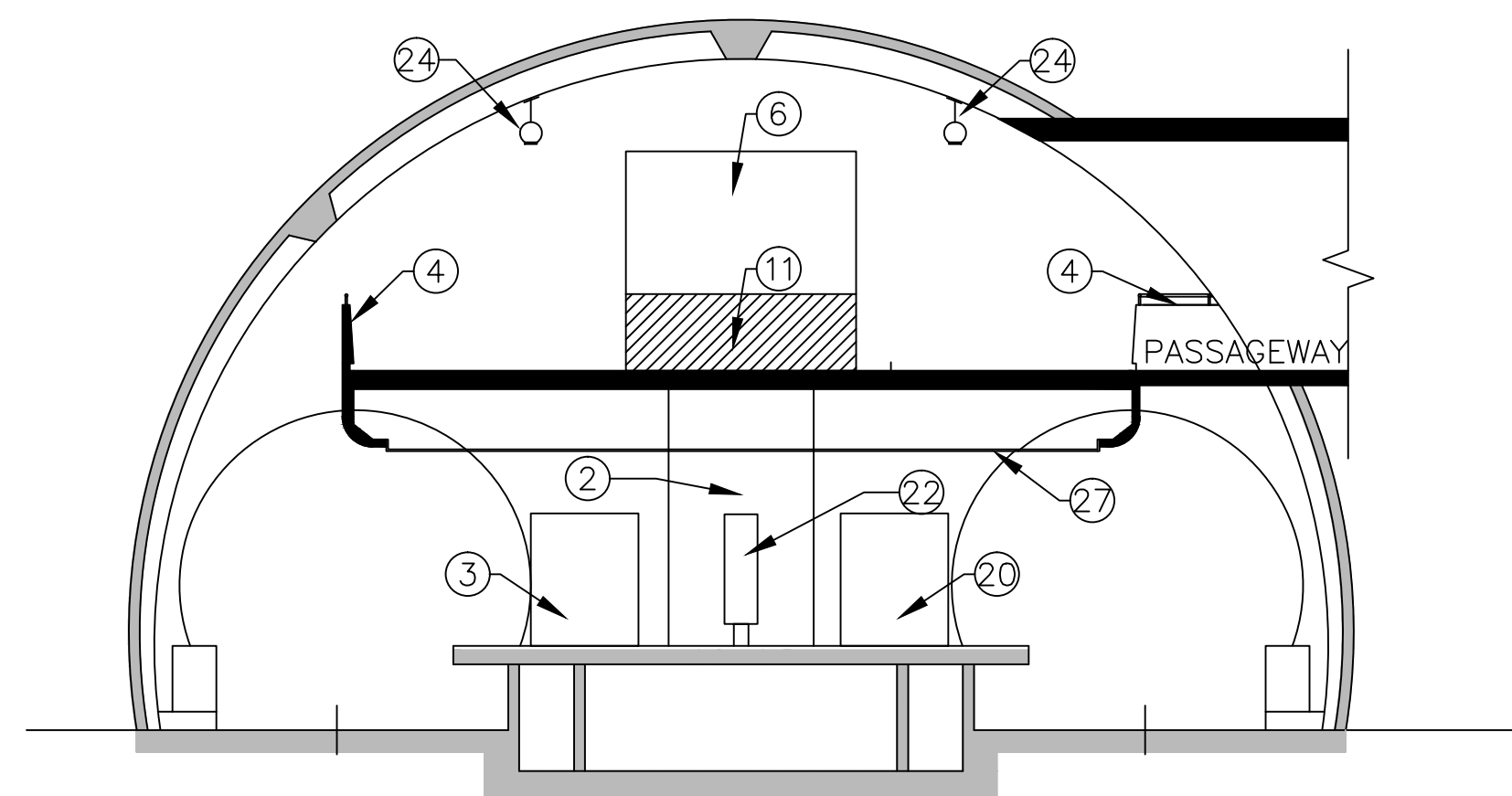
SHEET NO. M1272-194



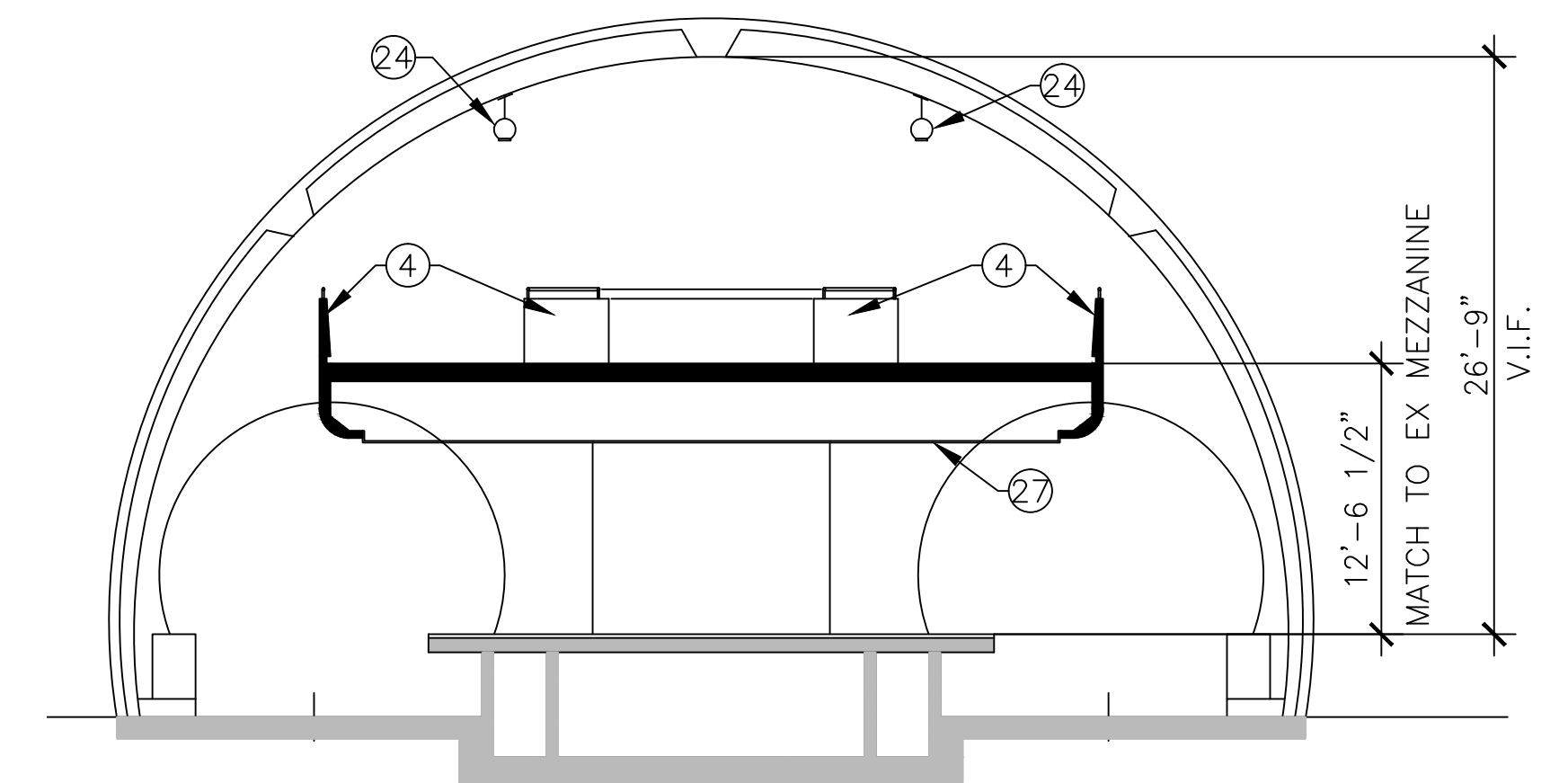
1 LONGITUDINAL SECTION - PHASE 1B
 A-301 SCALE: 1/8" = 1'-0"

GENERAL NOTES

1. VERIFY ALL DIMENSIONS IN THE FIELD.
2. VERIFY ALL FIELD CONDITIONS.
3. ALL DIMENSIONS ARE NOMINAL UNLESS NOTED OTHERWISE.
4. ALL WORK WILL BE COMPLETED IN ACCORDANCE WITH THE LATEST VERSIONS OF I.B.C. AND LIFE SAFETY CODES. ALL WORK IS DESIGNED AND SHALL BE CONSTRUCTED IN ACCORDANCE W/ WMATA DESIGN CRITERIA, VERSION 9.
5. DO NOT SCALE DWGS FOR PURPOSES OF FINAL DESIGN
6. DEMOLITION, CUTTING, AND PATCHING OF ANY MATERIALS OR FIXTURES REQUIRED TO CONSTRUCT THE PROJECT IS HEREIN MADE A PART OF THESE DOCUMENTS.
7. THE CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS AS REQUIRED.
8. THE IMAGES ON THE CONSTRUCTION DOCUMENT FLOOR PLANS REFLECT THE INFORMATION FROM THE ORIGINAL CONSTRUCTION DOCUMENTS FOR THE PROJECT, IT IS NOT AN INDICATION OF NEW WORK, IT IS SHOWN IN GRAY LINE COLOR. THE NEW WORK AND REQUIRED DEMOLITION OR REMOVALS ARE SHOWN IN BLACK LINE COLOR. IF THE DIFFERENCE IS NOT OBVIOUS, REPORT TO THE A.R. IMMEDIATELY.
9. ALL WORK INDICATED OR SHOWN GRAPHICALLY AS "EXIST (EXISTING) TO REMAIN" WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND WORK AROUND WITHOUT DISTURBING. IF DAMAGED, THE CONTRACTOR WILL REPLACE AT NO ADDITIONAL COST TO THE OWNER.
10. FIREPROOF ALL NEW STRUCT STEEL, INCLUDING, BUT NOT LIMITED TO COLUMNS, BEAMS, METAL DECK, AND MISCELLANEOUS METALS - SEE SPECIFICATION SECTION 07.81.00.
11. FORMWORK FOR PRECAST CONCRETE TO MATCH FORMWORK USED AT THE NORTH MEZZANINE STAIR.



2 TRANSVERSE SECTION - PHASE 1B
 A-301 SCALE: 1/8" = 1'-0"



3 TRANSVERSE SECTION - PHASE 1B
 A-301 SCALE: 1/8" = 1'-0"

SHEET NOTES

SEE A-102 FOR "SHEET NOTES FOR PHASE 1B" (X)

FINAL

CONTRACT NO. FQ15093

DESIGNED AD	2/20/15 DATE	REFERENCE DRAWINGS		REVISIONS		
		NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
DRAWN AD	2/20/15 DATE					
CHECKED RES	2/20/15 DATE					
APPROVED JP	2/20/15 DATE					

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DEPARTMENT OF TRANSIT INFRASTRUCTURE
 AND ENGINEERING SERVICES
 OFFICE OF INFRASTRUCTURE RENEWAL PROGRAM

APPROVED _____

GFP A Gannett Fleming/Parsons
 JOINT VENTURE

SUBMITTED _____
 PROJECT MANAGER

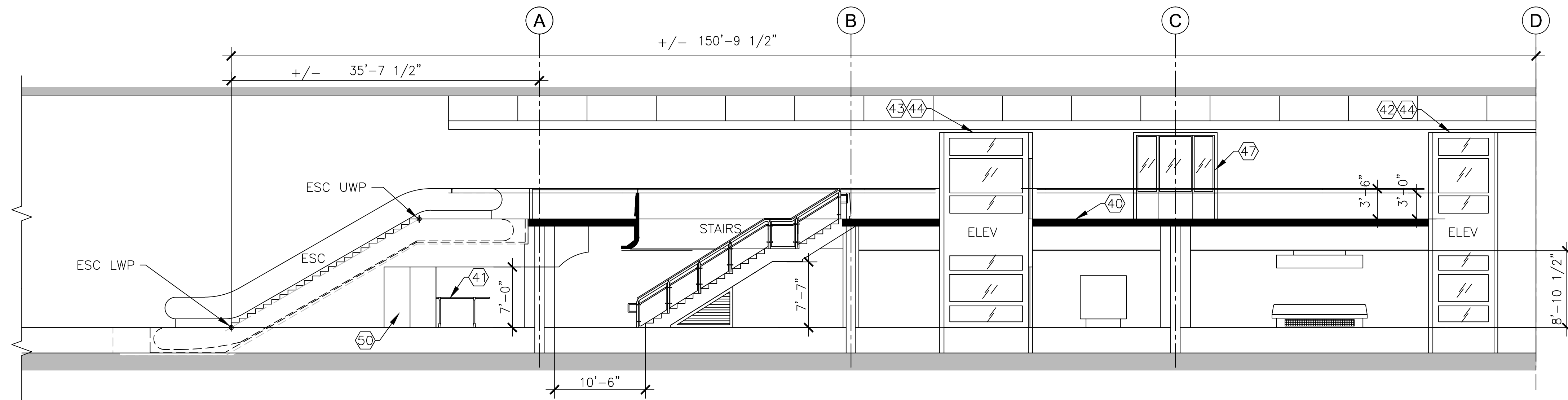
RED LINE REHAB.-FRIENDSHIP HEIGHTS TO
 GROSVENOR - PART 6

PHASE 1B
 SECTIONS

SCALE
 AS SHOWN

DRAWING NO.
 A09-A-301

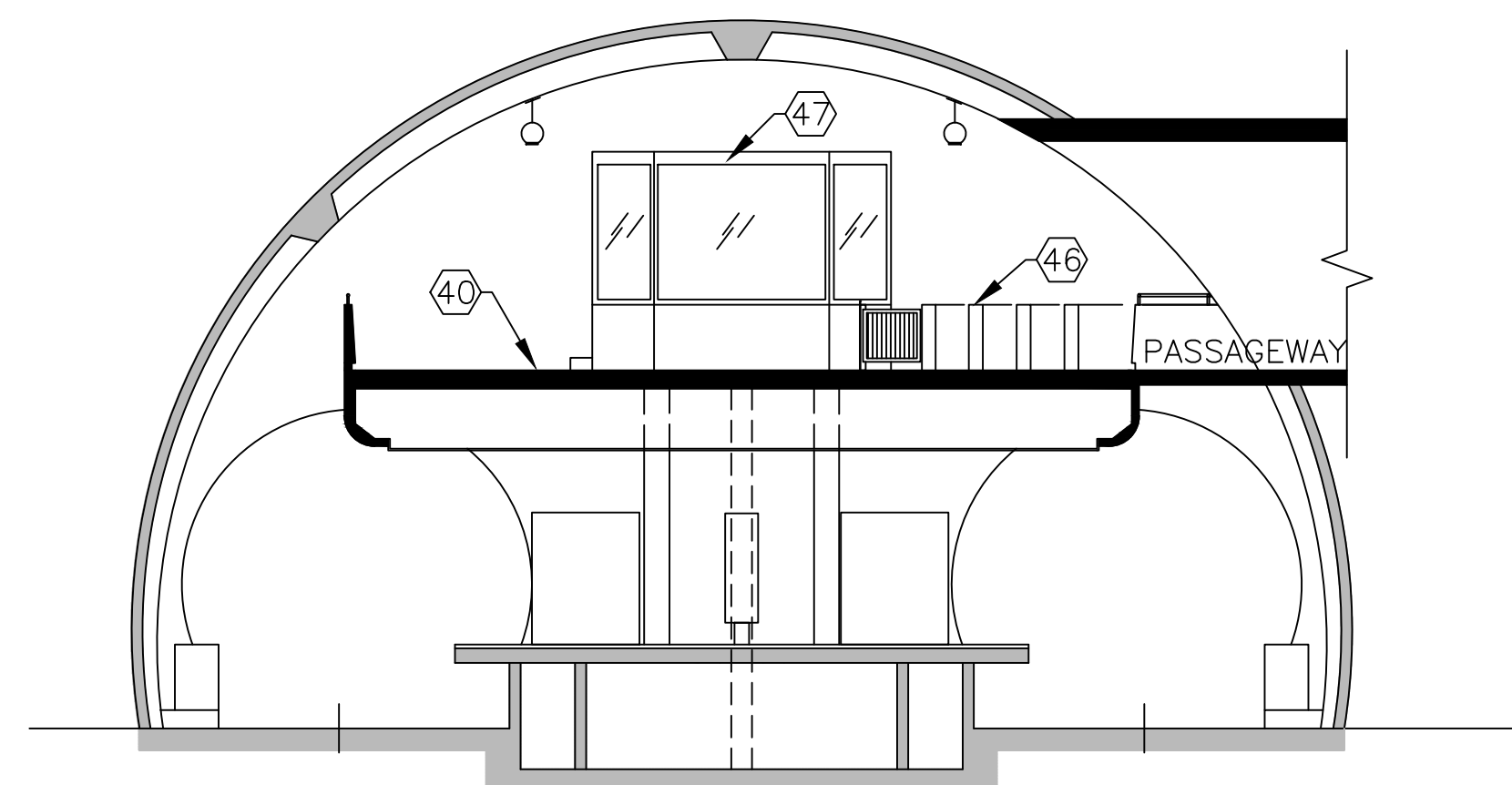
SHEET NO.
 M1272-195



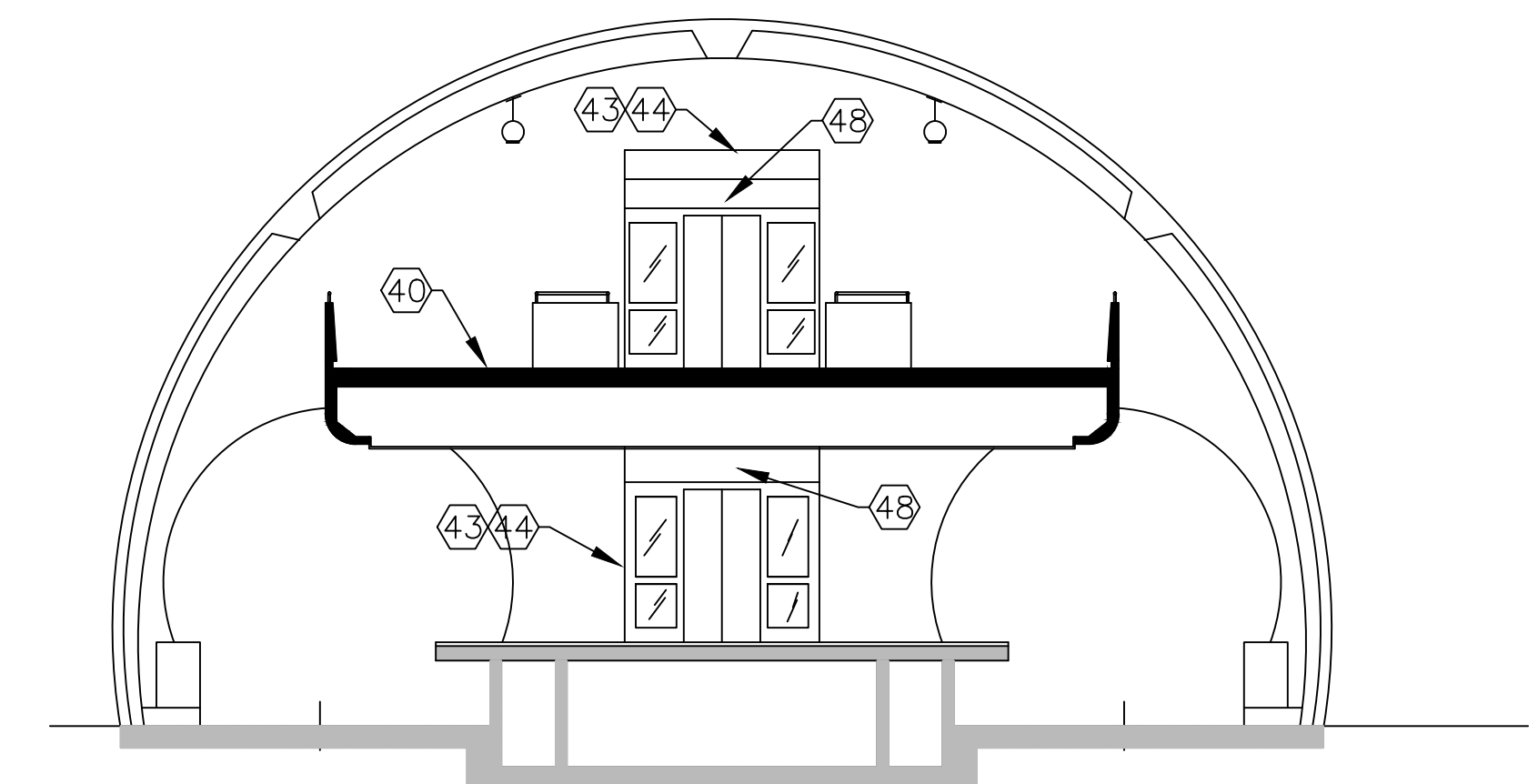
1 LONGITUDINAL SECTION - FUTURE WORK (NIC)
A-302 SCALE: 1/8" = 1'-0"

GENERAL NOTES

1. VERIFY ALL DIMENSIONS IN THE FIELD.
2. VERIFY ALL FIELD CONDITIONS.
3. ALL DIMENSIONS ARE NOMINAL UNLESS NOTED OTHERWISE.
4. ALL WORK WILL BE COMPLETED IN ACCORDANCE WITH THE LATEST VERSIONS OF I.B.C. AND LIFE SAFETY CODES. ALL WORK IS DESIGNED AND SHALL BE CONSTRUCTED IN ACCORDANCE W/ WMATA DESIGN CRITERIA, VERSION 9.
5. DO NOT SCALE DWGS FOR PURPOSES OF FINAL DESIGN
6. DEMOLITION, CUTTING, AND PATCHING OF ANY MATERIALS OR FIXTURES REQUIRED TO CONSTRUCT THE PROJECT IS HEREIN MADE A PART OF THESE DOCUMENTS.
7. THE CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS AS REQUIRED.
8. THE IMAGES ON THE CONSTRUCTION DOCUMENT FLOOR PLANS REFLECT THE INFORMATION FROM THE ORIGINAL CONSTRUCTION DOCUMENTS FOR THE PROJECT, IT IS NOT AN INDICATION OF NEW WORK, IT IS SHOWN IN GRAY LINE COLOR. THE NEW WORK AND REQUIRED DEMOLITION OR REMOVALS ARE SHOWN IN BLACK LINE COLOR. IF THE DIFFERENCE IS NOT OBVIOUS, REPORT TO THE A.R. IMMEDIATELY.
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10. FIREPROOF ALL NEW STRUCT STEEL, INCLUDING, BUT NOT LIMITED TO COLUMNS, BEAMS, METAL DECK, AND MISCELLANEOUS METALS - SEE SPECIFICATION SECTION 07.81.00.
11. FORMWORK FOR PRECAST CONCRETE TO MATCH FORMWORK USED AT THE NORTH MEZZANINE STAIR.



2 TRANSVERSE SECTION - FUTURE WORK (NIC)
A-302 SCALE: 1/8" = 1'-0"



2 TRANSVERSE SECTION - FUTURE WORK (NIC)
A-302 SCALE: 1/8" = 1'-0"

SHEET NOTES

SEE A-103 FOR "SHEET NOTES FOR FUTURE WORK (NIC)" (X)

FINAL CONTRACT NO. FQ15093

DESIGNED AD	2/20/15 DATE	REFERENCE DRAWINGS		REVISIONS	
		NUMBER	DESCRIPTION	DATE	DESCRIPTION
DRAWN AD	2/20/15 DATE				
CHECKED RES	2/20/15 DATE				
APPROVED JP	2/20/15 DATE				

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DEPARTMENT OF TRANSIT INFRASTRUCTURE
AND ENGINEERING SERVICES
OFFICE OF INFRASTRUCTURE RENEWAL PROGRAM

APPROVED _____

GFP A Gannett Fleming/Parsons
JOINT VENTURE

SUBMITTED _____
PROJECT MANAGER

RED LINE REHAB.-FRIENDSHIP HEIGHTS TO
GROSVENOR - PART 6

FUTURE WORK (NIC)
SECTIONS

SCALE
AS SHOWN

DRAWING NO.
A09-A-302

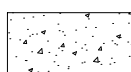
SHEET NO.
M1272-196

ABBREVIATIONS







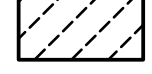

- L APPROX.
- ⊙ AT
- Ⓡ. BOT.
- BRG. BEARING
- C.I.P. CAST-IN-PLACE
- Ⓒ CENTERLINE
- C CHANNEL
- CL. CLEAR, CLEARANCE
- CONSTR. CONSTRUCTION
- CONTR. CONTRACTION
- ∅ DIAMETER
- D.O. DOOR OPENING
- DWG. DRAWING
- EA. EACH
- EF. EACH FACE
- EW. EACH WAY
- EL. ELEVATION
- EQ. EQUAL
- EXP. EXPANSION
- EXT. EXTERIOR
- FIN. FINISHED
- FT. FEET
- FTG. FOOTING
- GALV. GALVANIZED
- HPR. HYDROSTATIC PRESSURE RELIEF
- I.B. INBOUND
- I.F. INSIDE FACE
- INT. INTERIOR
- JT. JOINT
- K.O. KNOCK-OUT
- LG. LONG
- LBS. POUNDS
- MAX. MAXIMUM
- MEZZ. MEZZANINE
- MIN. MINIMUM
- NO. NUMBER
- # NUMBER (REINFORCING)
- N.T.S. NOT TO SCALE
- O.B. OUTBOUND
- O.F. OUTSIDE FACE
- OPNG. OPENING
- PL. PLATE
- P.S.F. POUNDS PER SQUARE FOOT
- P.S.I. POUNDS PER SQUARE INCH
- R. RADIUS
- SCH. SCHEDULE
- STA. STATION
- STRUCT. STRUCTURAL
- SVC. SERVICE WEIGHT CAST IRON
- SYMM. SYMMETRICAL
- THK. THICK
- T. TOP OF
- T/R. TOP OF RAIL
- TYP. TYPICAL
- UNO. UNLESS NOTED OTHERWISE
- W. WIDE FLANGE
- W.P. WORKING POINT

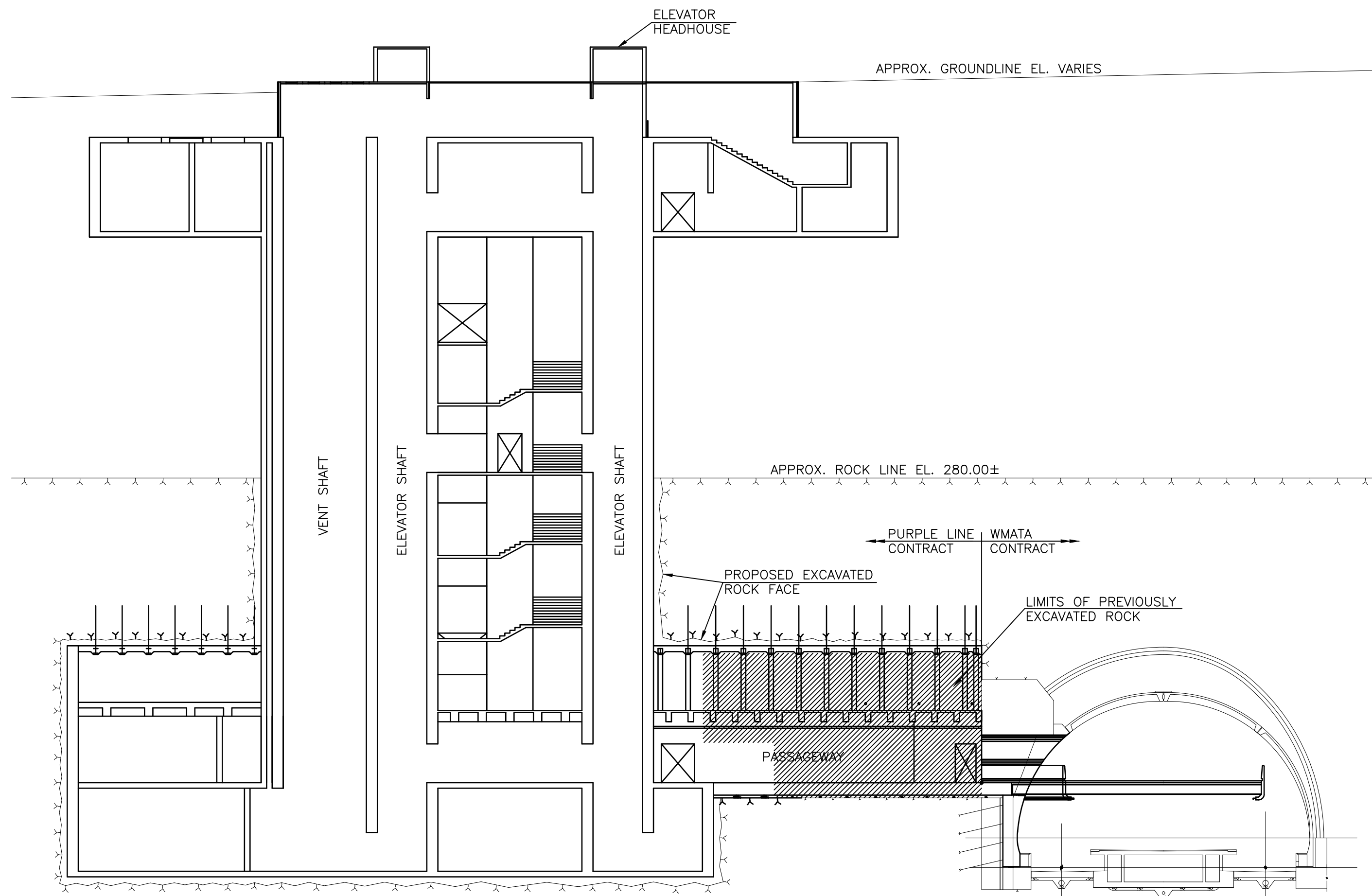
STRUCTURAL LEGEND

EXISTING

- CONTOUR ————
- INDEX CONTOUR ————
- CENTERLINE ————
- CONCRETE, CONCRETE FILL 

PROPOSED

- WATERSTOP 
- REINFORCING STEEL 
- W OR I SHAPE 
- ANGLE SHAPE 
- OPENING 
- CENTERLINE ————
- CONCRETE, CONCRETE FILL 
- PLATFORM SLAB REMOVAL 
- PRECAST VAULT PANELS REMOVAL 



NOTES:

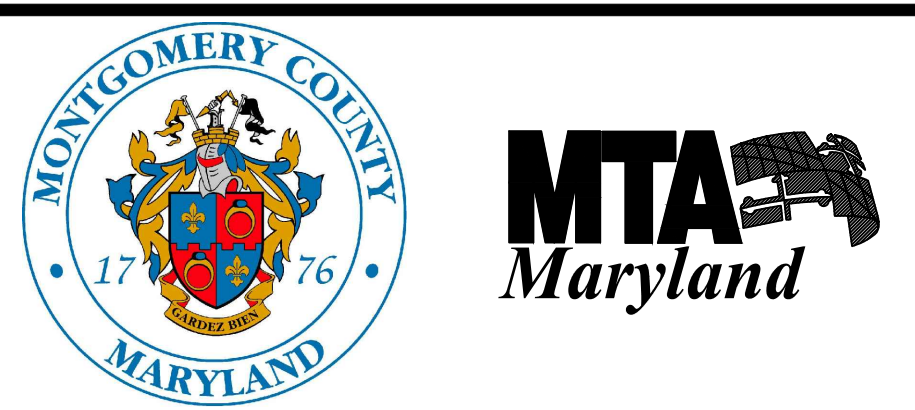
1. THE ACTUAL CONSTRUCTION SEQUENCE AND SUPPORT OF EXCAVATION SYSTEM SHALL NOT RESULT IN LATERAL PRESSURES TO THE SHAFT AND PASSAGEWAY ARCH RIBS HIGHER THAN THOSE SHOWN IN THE GEOTECHNICAL REPORT.
2. SEE GEOTECHNICAL DRAWINGS FOR SUPPORT OF EXCAVATION DETAILS BELOW EL. 280.00 ±. DESIGN OF SUPPORT OF EXCAVATION SYSTEM ABOVE EL. 280.00 ± SHALL BE BY CONTRACTOR. SYSTEM SHALL PROVIDE SUFFICIENT CLEARANCE FOR CONSTRUCTION EXCAVATION, DELIVERY OF EQUIPMENT AND MATERIALS AND WORKER ACCESS.
3. WATERPROOFING
 - A. WATERPROOFING MEMBRANE AND GEOTEXTILE SHALL SATISFY THE REQUIREMENTS OF THE SPECIFICATIONS.
 - B. WATERPROOFING ABOVE THE APPROXIMATE ROCK LINE SHALL SATISFY THE FOLLOWING REQUIREMENTS:
 - APPLY WATERPROOFING MEMBRANE AND GEOTEXTILE TO ALL EXTERIOR CONCRETE SURFACES. FOR WATERPROOFING TERMINATION NEAR GROUND SURFACE, SEE DETAIL 3/S-25.
 - PROVIDE PROTECTIVE CONCRETE OVER WATERPROOFING ON ROOF SLABS, SEE DETAIL 1/S-25.
 - WATERPROOFING SHALL BE SPICED AT APPROXIMATE ROCK LINE, SEE DETAIL 6/S-23.
 - BACKFILL VOID BETWEEN WATERPROOFING AND SUPPORT OF EXCAVATION WITH SELECT FILL.
 - C. WATERPROOFING DETAILS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

AS DIRECTED BY WMATA, ALL STRUCTURAL DRAWINGS IN THIS PACKAGE HAVE BEEN ANNOTATED BY GANNETT FLEMING PARSONS JOINT VENTURE WITH MODIFICATION. ALL MODIFICATIONS ARE HIGHLIGHTED WITH CLOUDS.

NOTE: DIMENSIONS SHOWN ARE APPROXIMATE AND BASED ON INITIAL COORDINATION WITH WMATA. FINAL DIMENSIONS SHALL BE COORDINATED WITH WMATA AND EQUIPMENT SUPPLIER. FOR MINIMUM DIMENSIONS, SEE TECHNICAL PROVISIONS.

CONTRACT NO.
XXXXXX

	REVISIONS			
	DATE	DATE	BY	DESCRIPTION
DESIGNED				
DRAWN	E.M. THOMPSON			
CHECKED	D.S. TUSING			
APPROVED				

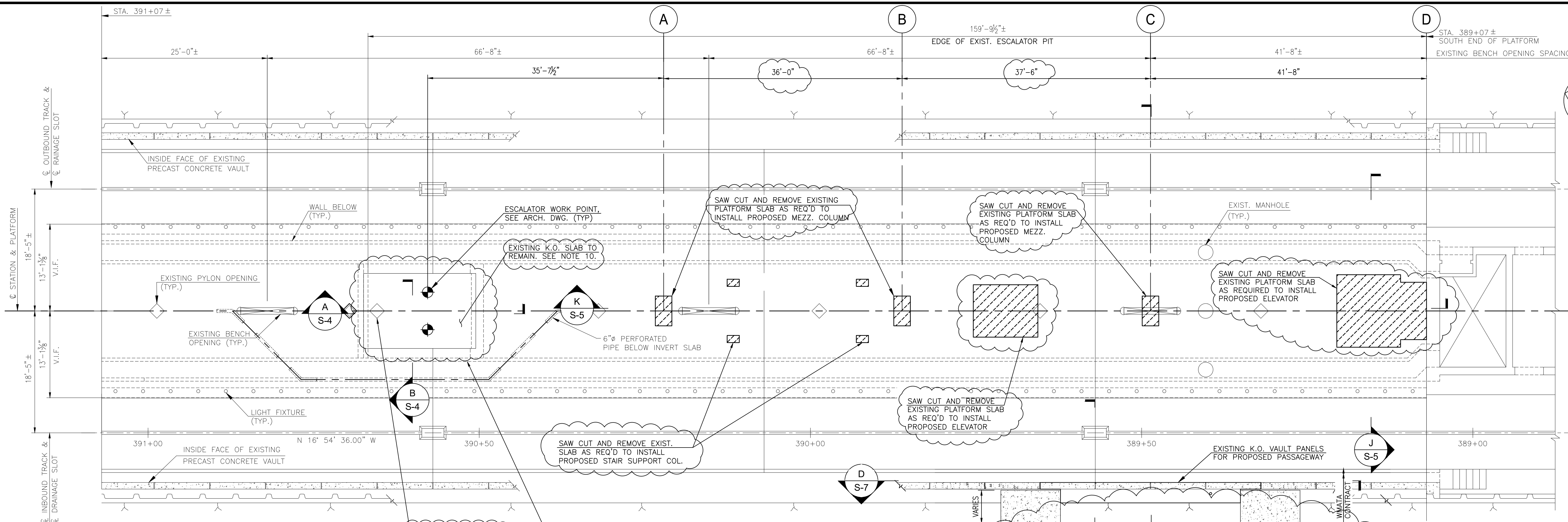


WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
 DEPARTMENT OF OPERATIONS SERVICES
 OFFICE OF ENGINEERING SERVICE
 SUBMITTED BY _____

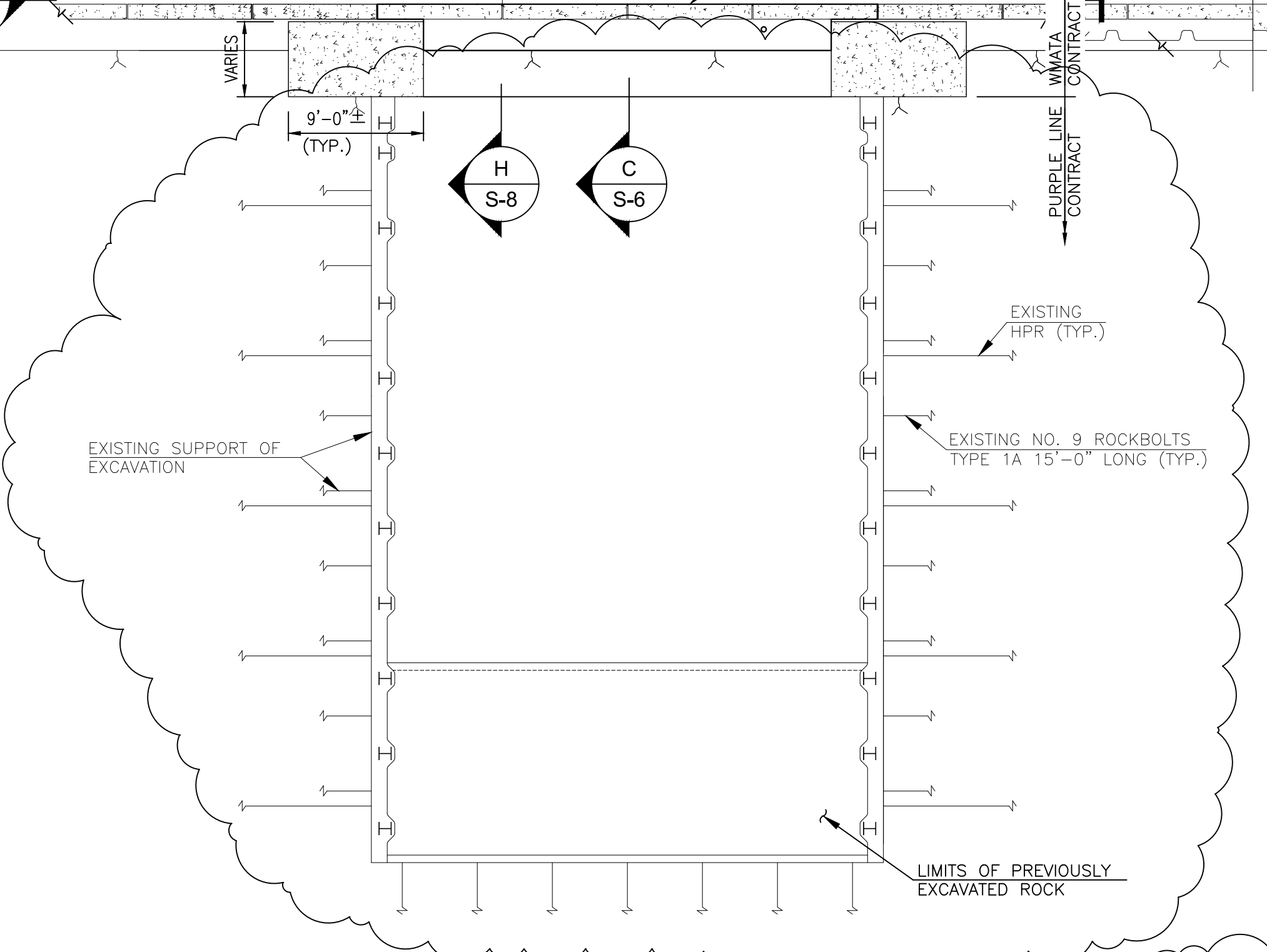


BETHESDA STATION - SOUTH ENTRANCE
 STRUCTURAL ABBREVIATION AND LEGEND
 SCALE: AS NOTED
 DRAWING NO. S-2

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- GENERAL NOTES:**
- FOR GENERAL NOTES, REFER TO DRAWING S-1. FOR ADDITIONAL DEMOLITION NOTES, REFER TO ARCHITECTURAL DRAWING A-100.
 - DESIGN BUILDER TO VERIFY ALL DIMENSIONS IN THE FIELD.
 - DESIGN BUILDER TO VERIFY ALL FIELD CONDITIONS.
 - ALL DIMENSIONS ARE NOMINAL, UNLESS NOTED OTHERWISE.
 - DO NOT SCALE DRAWINGS FOR THE PURPOSE OF FINAL DESIGN.
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 - FOR DEMOLITION AND RECONSTRUCTION PHASING RELATED TO NEW SOUTH MEZZANINE, REFER TO ARCHITECTURAL DRAWINGS. FOR FUTURE WORK WHICH IS NOT UNDER THIS CONTRACT, REFER TO ARCHITECTURAL DRAWINGS.
 - EXISTING KNOCKOUT SLAB AND AND PYLON TO REMAIN DURING PHASE 1B DEMOLITION AND RECONSTRUCTION. EXISTING PYLON AND KNOCKOUT SLAB PANEL SHALL BE REMOVED AS PART OF FUTURE WORK. REFER TO ARCHITECTURAL DRAWINGS FOR LIMITS OF FUTURE WORK.



LEGEND:

PLATFORM SLAB REMOVAL LIMIT AS REQUIRED

PARTIAL PLATFORM DEMOLITION PLAN
 SCALE: 1/8" = 1'-0"

AS DIRECTED BY WMATA, ALL STRUCTURAL DRAWINGS IN THIS PACKAGE HAVE BEEN ANNOTATED BY GANNETT FLEMING PARSONS JOINT VENTURE WITH MODIFICATION. ALL MODIFICATIONS ARE HIGHLIGHTED WITH CLOUDS.

NOTE: DIMENSIONS SHOWN ARE APPROXIMATE AND BASED ON INITIAL COORDINATION WITH WMATA. FINAL DIMENSIONS SHALL BE COORDINATED WITH WMATA AND EQUIPMENT SUPPLIED. FOR MINIMUM DIMENSIONS, SEE TECHNICAL PROVISIONS.

CONTRACT NO. XXXXXX

REVISIONS			
DESIGNED	DATE	DATE	DESCRIPTION
E.M. THOMPSON			
D.S. TUSING			

MONTGOMERY COUNTY MARYLAND

MTA Maryland

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DEPARTMENT OF OPERATIONS SERVICES
 OFFICE OF ENGINEERING SERVICE

Rummel, Klepper & Kahl, LLP
 51 MOSHIER STREET | BALTIMORE, MD 21217
 PH: (410) 728-2900 FAX: (410) 728-3160

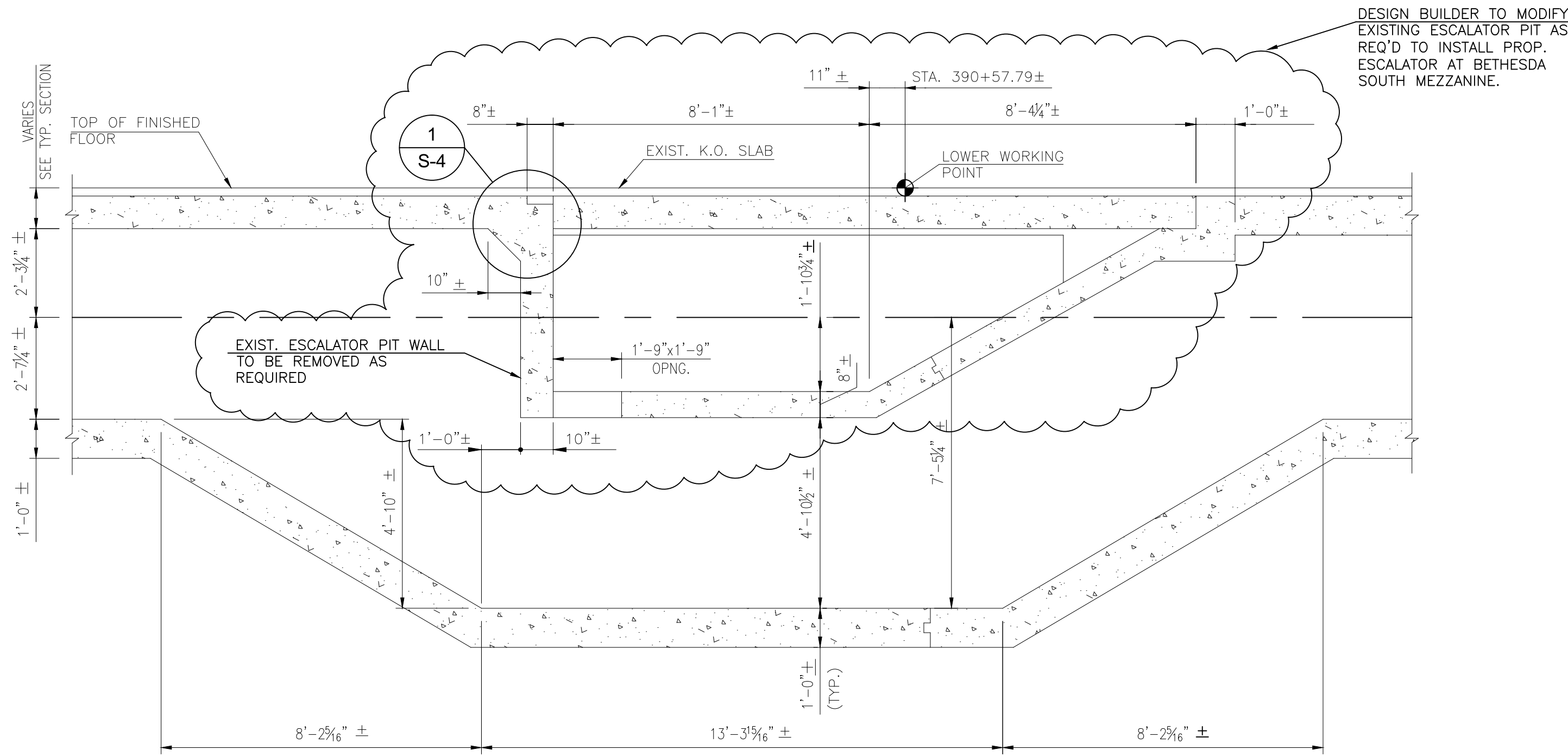
WHITMAN, REQUARDT & ASSOCIATES, LLP
 801 SOUTH CAROLINE STREET, BALTIMORE, MARYLAND 21201

SUBMITTED BY: _____ APPROVED: _____

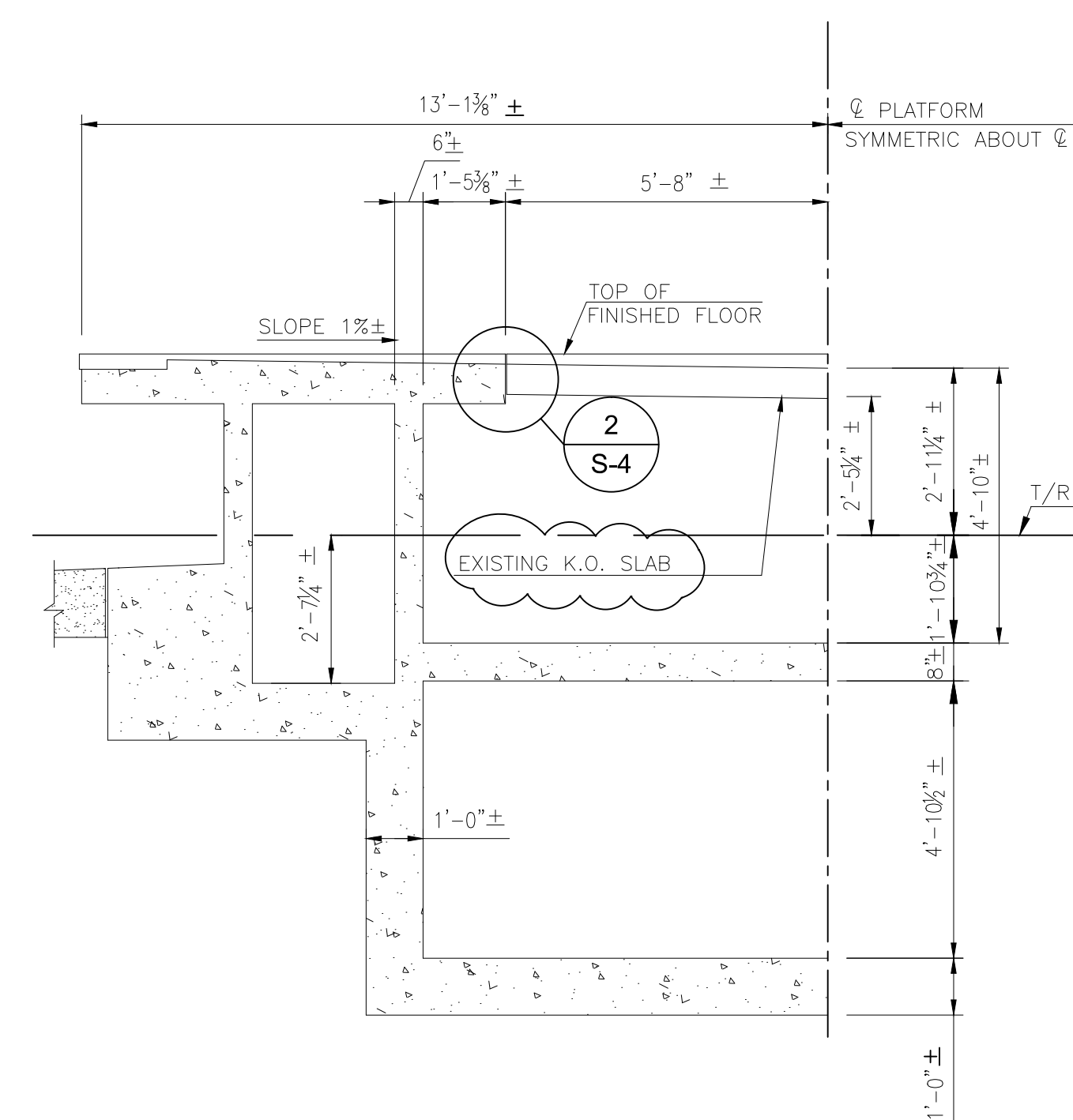
BETHESDA STATION - SOUTH ENTRANCE
 BETHESDA STATION PLATFORM DEMOLITION
 PLAN AND SECTIONS
 STA. 391+07 TO STA. 389+07

SCALE: AS NOTED

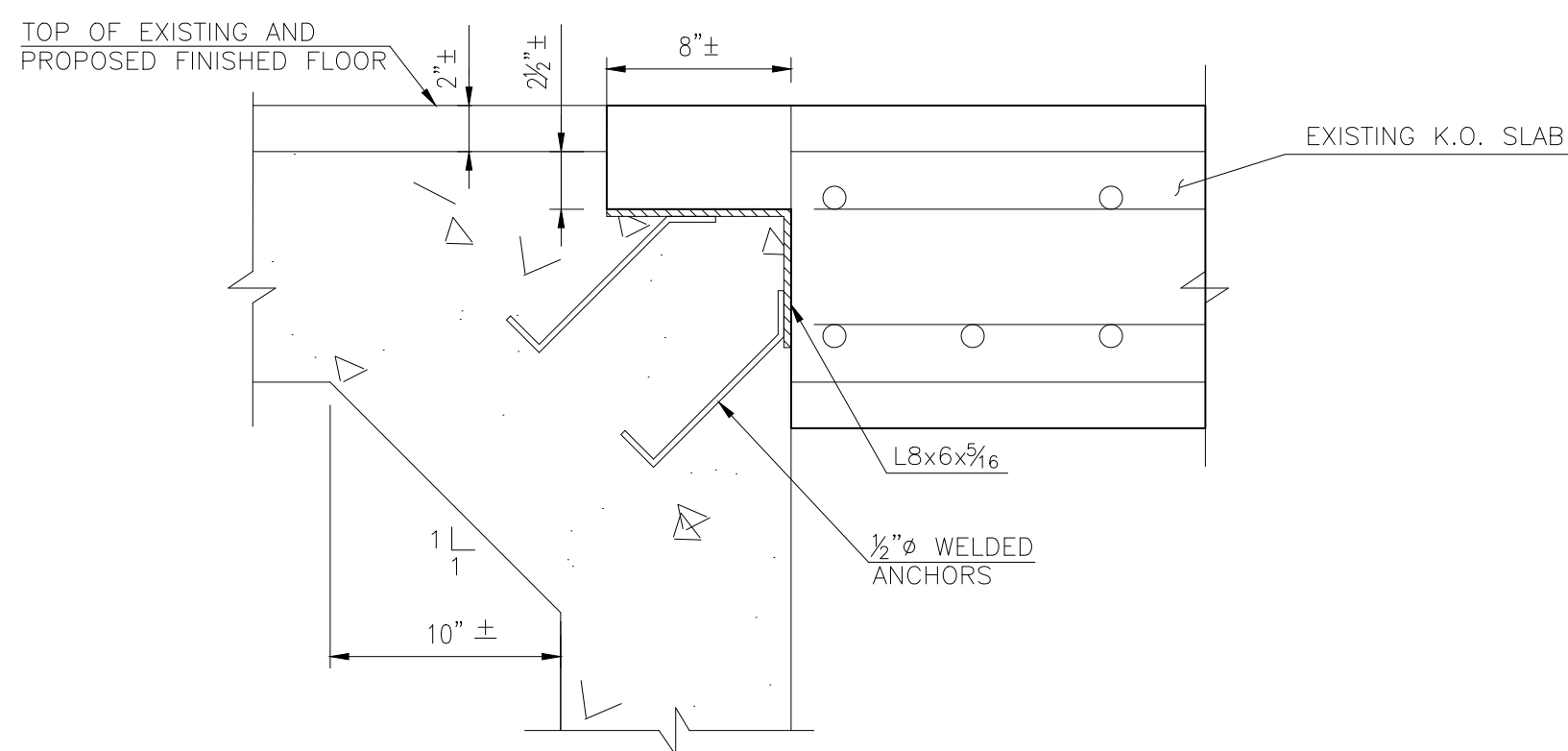
DRAWING NO. S-3



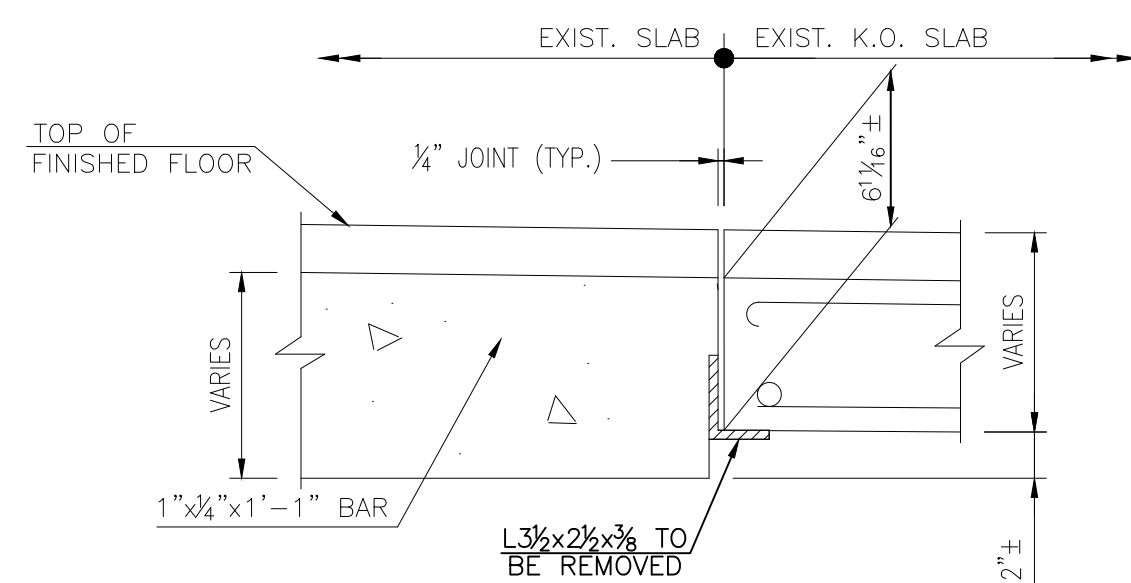
A SECTION THRU EXISTING PIT
SCALE: 3/8"=1'-0"



B SECTION THRU EXISTING PIT
SCALE: 3/8"=1'-0"



1 KNOCK OUT SLAB DETAIL
SCALE: NTS



2 KNOCK OUT SLAB DETAIL
SCALE: NTS

AS DIRECTED BY WMATA, ALL STRUCTURAL DRAWINGS IN THIS PACKAGE HAVE BEEN ANNOTATED BY GANNETT FLEMING PARSONS JOINT VENTURE WITH MODIFICATION. ALL MODIFICATIONS ARE HIGHLIGHTED WITH CLOUDS.

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CONTRACT NO. XXXXXX

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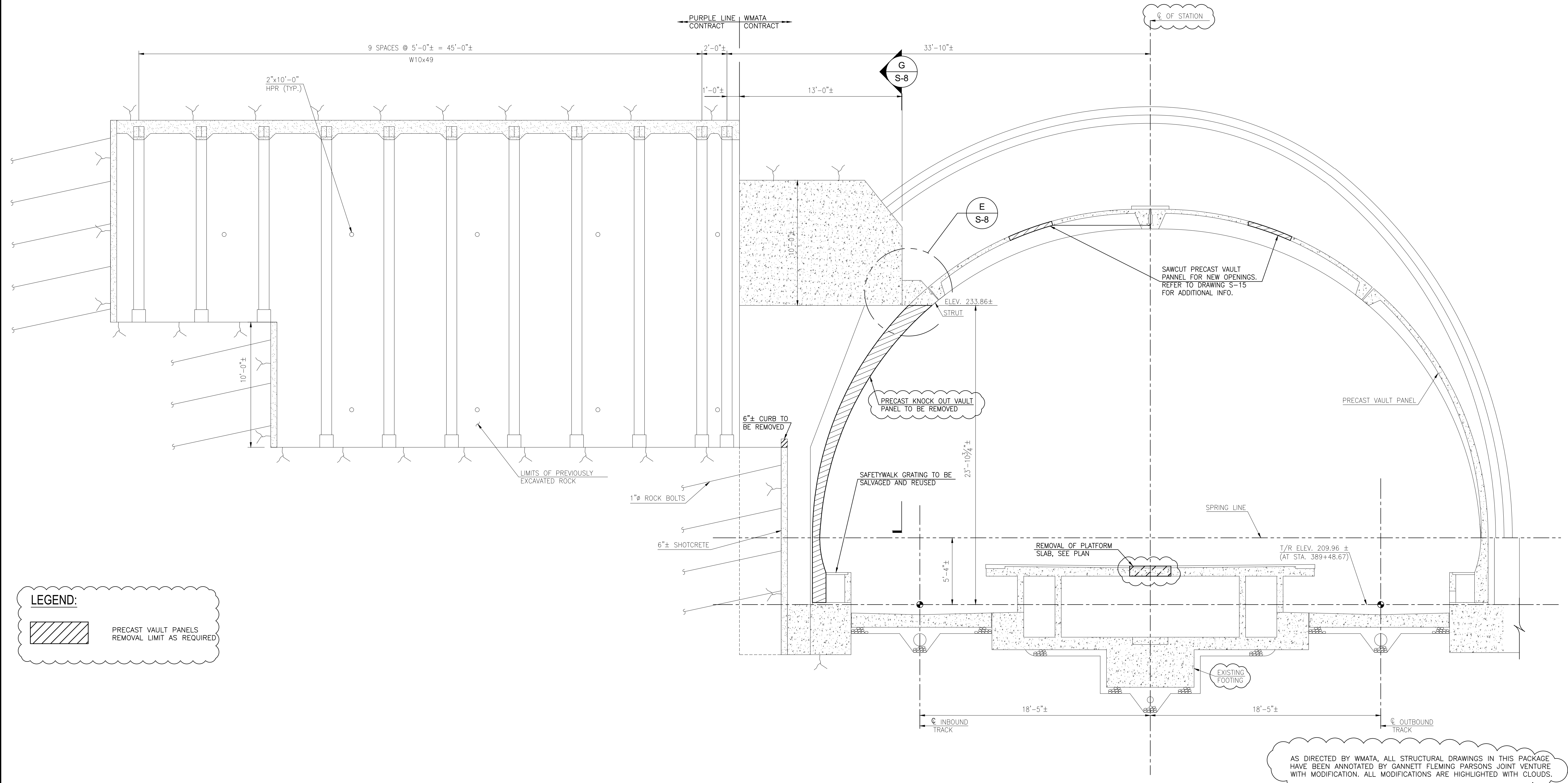
DESIGNED		REVISIONS			
DATE	DATE	BY	DESCRIPTION		
_____	_____	_____	_____	_____	_____
DRAWN E.M. THOMPSON	DATE				
CHECKED D.S. TUSING	DATE				
APPROVED _____	DATE				



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
 DEPARTMENT OF OPERATIONS SERVICES
 OFFICE OF ENGINEERING SERVICE
 SUBMITTED BY _____ APPROVED _____

BETHESDA STATION - SOUTH ENTRANCE
 BETHESDA STATION PLATFORM DEMOLITION
 PLAN AND SECTIONS
 STA. 391+07 TO STA. 389+07
 SCALE AS NOTED DRAWING NO. S-4

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LEGEND:
 PRECAST VAULT PANELS
REMOVAL LIMIT AS REQUIRED

C
S-3,7 **SECTION**
SCALE: 1/4"=1'-0"

NOTE: DIMENSIONS SHOWN ARE APPROXIMATE AND BASED ON INITIAL COORDINATION WITH WMATA. FINAL DIMENSIONS SHALL BE COORDINATED WITH WMATA AND EQUIPMENT SUPPLIED. FOR MINIMUM DIMENSIONS, SEE TECHNICAL PROVISIONS.

CONTRACT NO. **XXXXXX**

DESIGNED	DATE	REVISIONS		
		DATE	BY	DESCRIPTION
DRAWN <u>E.M. THOMPSON</u>	DATE			
CHECKED <u>D.S. TUSING</u>	DATE			
APPROVED _____	DATE			

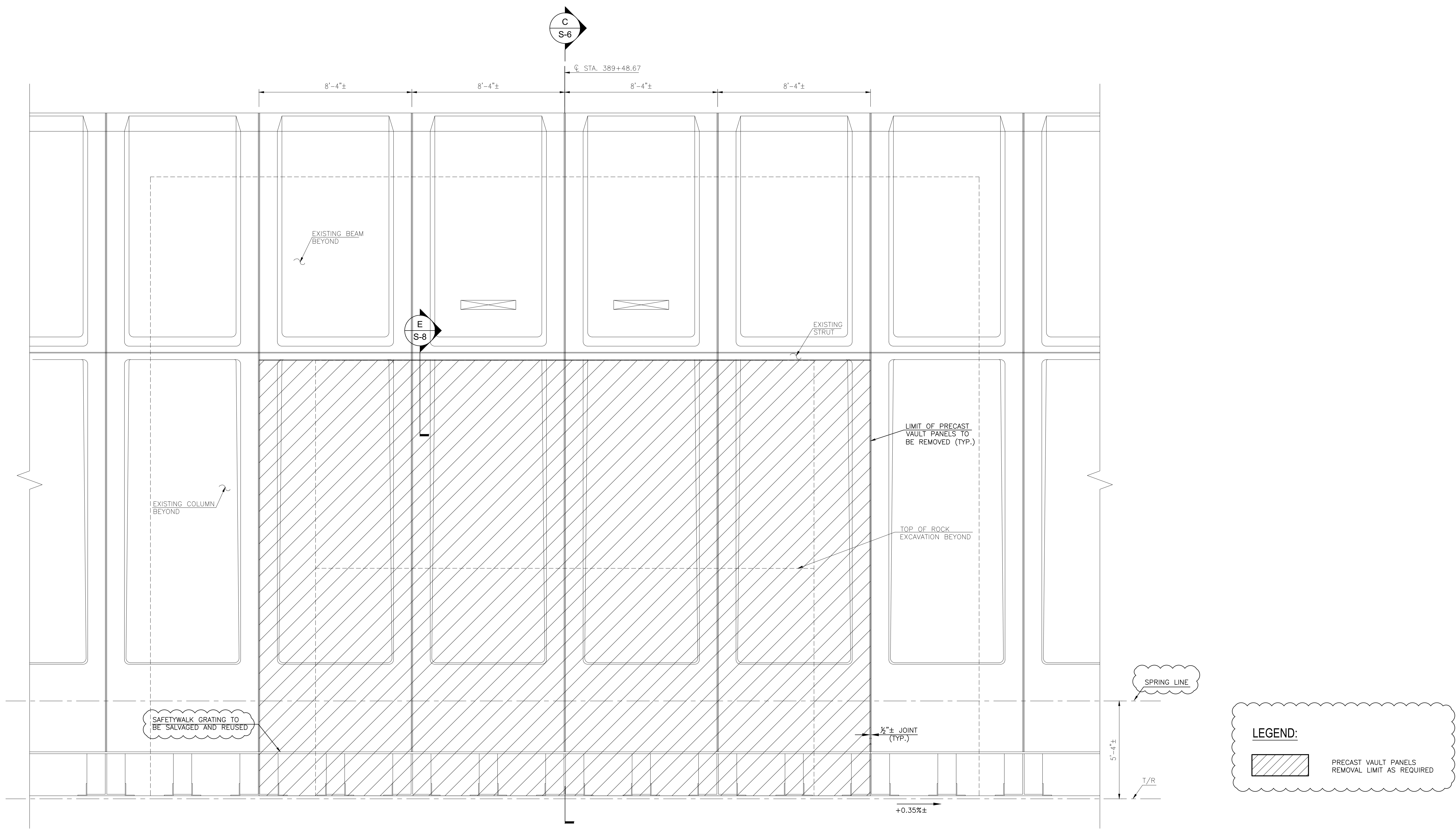


WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
DEPARTMENT OF OPERATIONS SERVICES
OFFICE OF ENGINEERING SERVICE

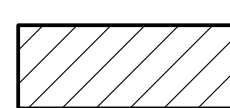
BETHESDA STATION - SOUTH ENTRANCE
PRECAST VAULT DEMOLITION
DETAILS AT SOUTH PASSAGEWAY

SCALE: AS NOTED DRAWING NO. **S-6**

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D
S-3
SECTION
SCALE: 3/8"=1-0"

LEGEND:
 PRECAST VAULT PANELS
REMOVAL LIMIT AS REQUIRED

AS DIRECTED BY WMATA, ALL STRUCTURAL DRAWINGS IN THIS PACKAGE HAVE BEEN ANNOTATED BY GANNETT FLEMING PARSONS JOINT VENTURE WITH MODIFICATION. ALL MODIFICATIONS ARE HIGHLIGHTED WITH CLOUDS.

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CONTRACT NO. XXXXXX

DESIGNED		DATE		REVISIONS	
DATE	BY	DATE	BY	DESCRIPTION	
DATE	BY	DATE	BY	DESCRIPTION	
DATE	BY	DATE	BY	DESCRIPTION	
DATE	BY	DATE	BY	DESCRIPTION	
DATE	BY	DATE	BY	DESCRIPTION	



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
DEPARTMENT OF OPERATIONS SERVICES
OFFICE OF ENGINEERING SERVICE

RK&K
Rummel, Klepper & Kahl, LLP
81 MOSHER STREET | BALTIMORE, MD 21217
PH: (410) 728-2900 FAX: (410) 728-3160

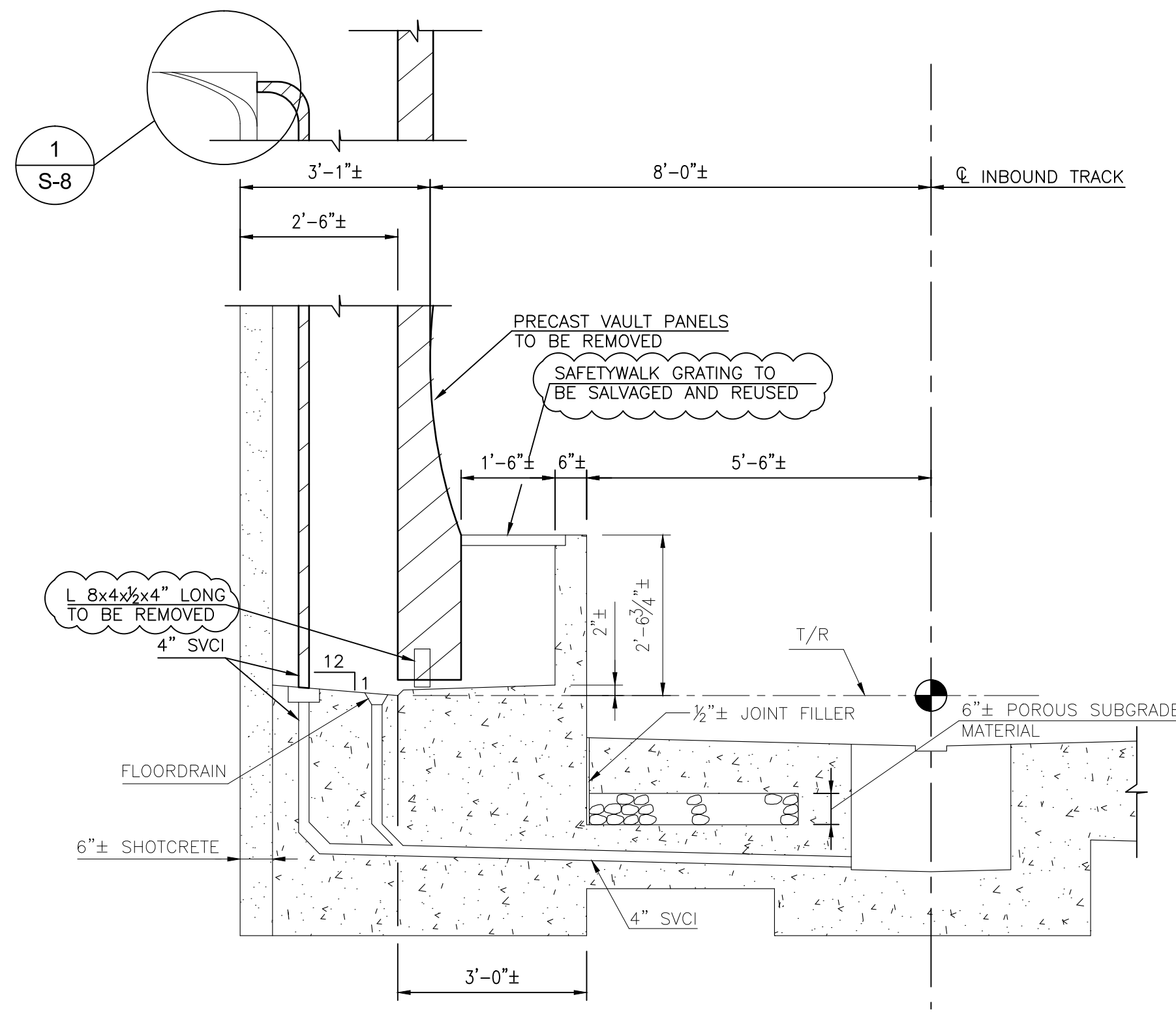
WR&A
WHITMAN, REQUARDT & ASSOCIATES, LLP
801 South Caroline Street, Baltimore, Maryland 21201

SUBMITTED BY _____ APPROVED _____

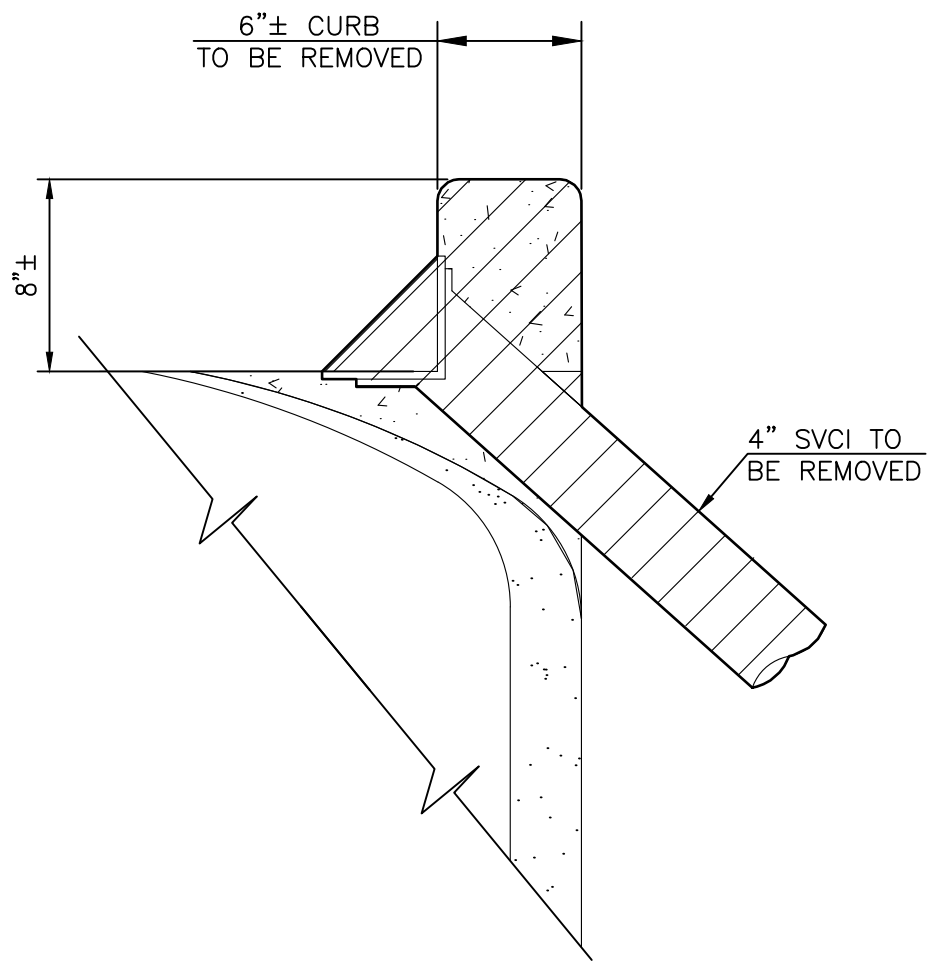
BETHESDA STATION - SOUTH ENTRANCE
PRECAST VAULT DEMOLITION
DETAILS AT SOUTH PASSAGEWAY

SCALE AS NOTED

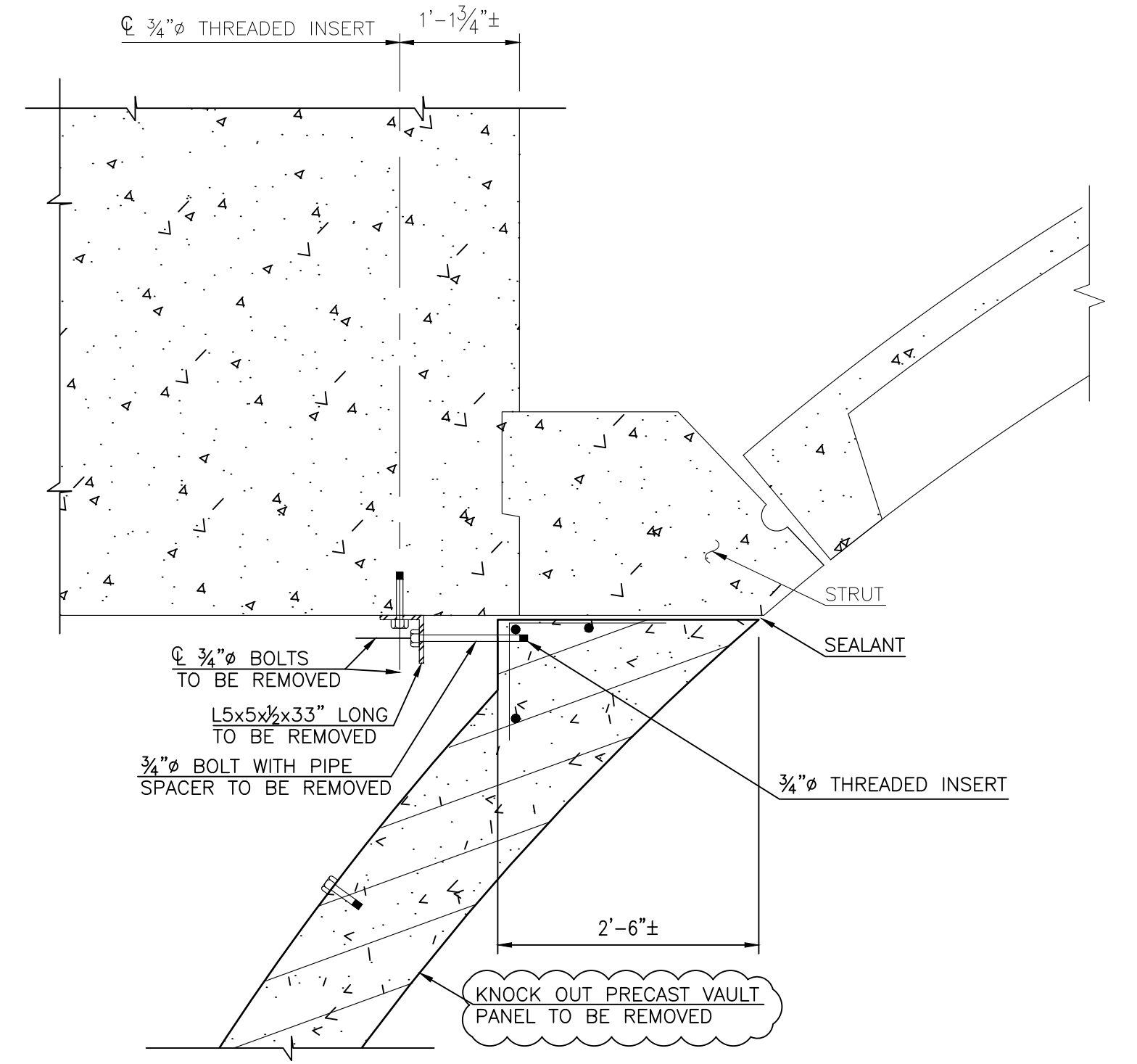
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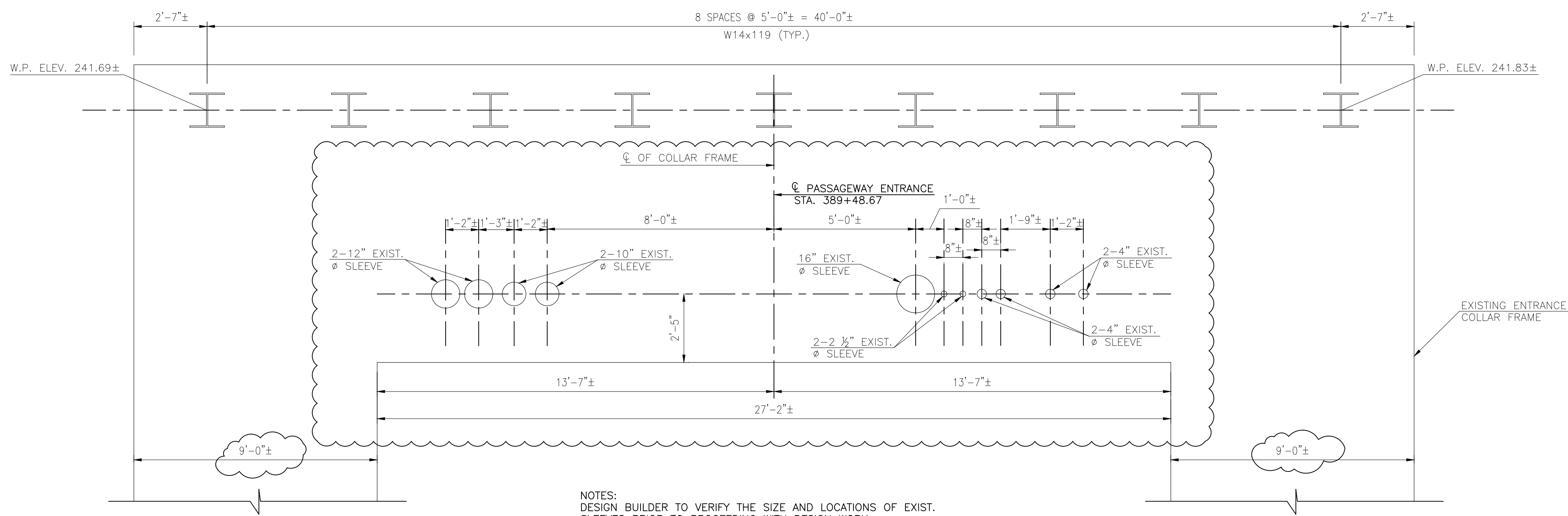
H
S-3
SECTION
SCALE: 1/2"=1'-0"



1
S-8
DETAIL
SCALE: 1 1/2"=1'-0"



E
S-7
SECTION
SCALE: 3/4"=1'-0"



G
S-6
ELEVATION VIEW OF COLLAR FRAME
SCALE: 3/8"=1'-0"

LEGEND:

PRECAST VAULT PANELS
REMOVAL LIMIT AS REQUIRED

AS DIRECTED BY WMATA, ALL STRUCTURAL DRAWINGS IN THIS PACKAGE HAVE BEEN ANNOTATED BY GANNETT FLEMING PARSONS JOINT VENTURE WITH MODIFICATION. ALL MODIFICATIONS ARE HIGHLIGHTED WITH CLOUDS.

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CONTRACT NO.
XXXXXX

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DESIGNED		REVISIONS			
DATE	DATE	BY	DESCRIPTION	DATE	DATE
E.M. THOMPSON					
D.S. TUSING					



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
DEPARTMENT OF OPERATIONS SERVICES
OFFICE OF ENGINEERING SERVICE

RK&K
Rummel, Klepper & Kahl, LLP
81 MOSHER STREET | BALTIMORE, MD 21217
PH: (410) 728-2900 FAX: (410) 728-3160

WR&A
WHITMAN, REQUARDT & ASSOCIATES, LLP
801 SOUTH CAROLINE STREET, BALTIMORE, MARYLAND 21201

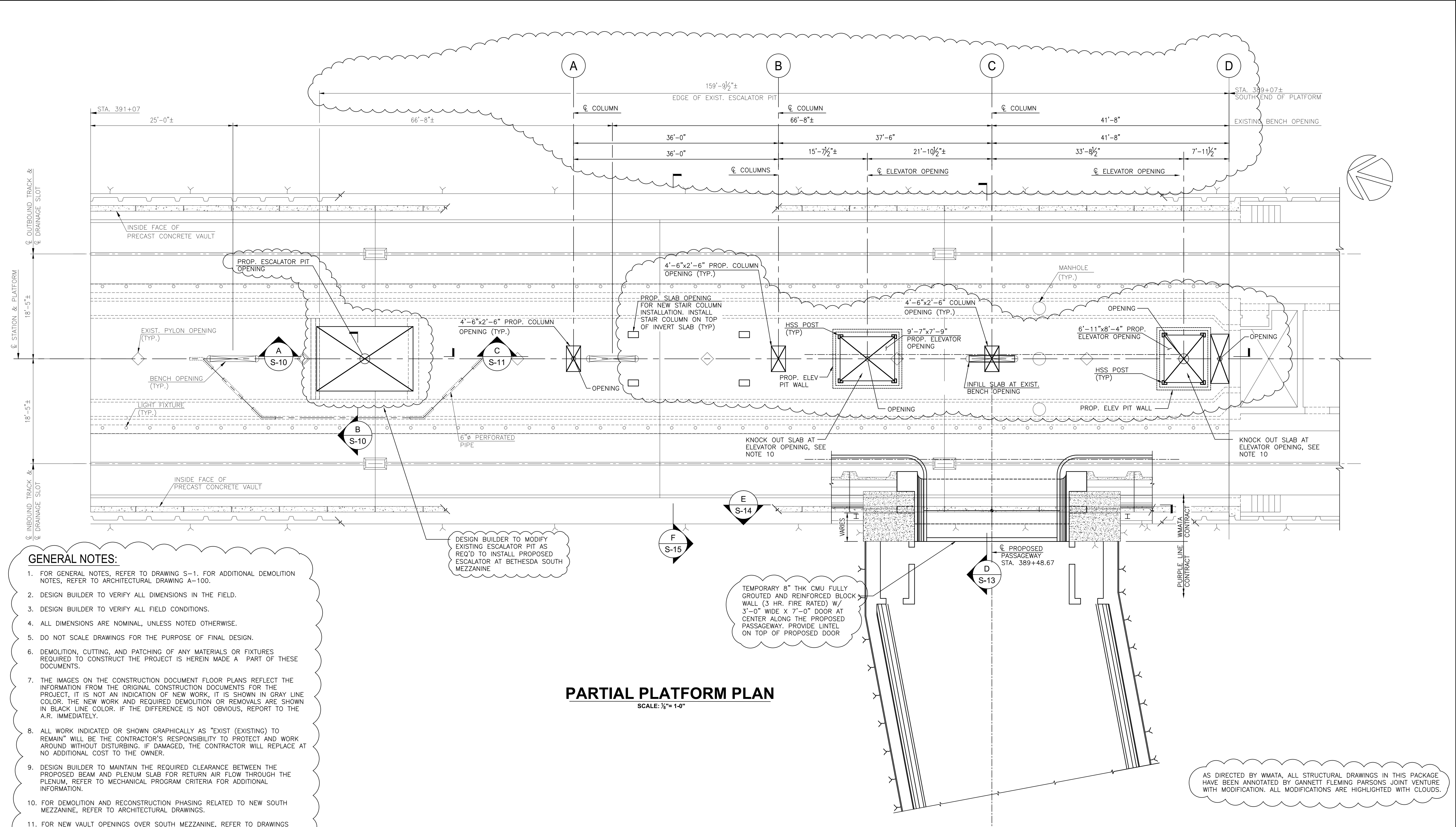
SUBMITTED BY _____ APPROVED _____

BETHESDA STATION - SOUTH ENTRANCE
PRECAST VAULT DEMOLITION DETAILS AT SOUTH PASSAGEWAY

SCALE: AS NOTED

DRAWING NO. S-8

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- GENERAL NOTES:**
- FOR GENERAL NOTES, REFER TO DRAWING S-1. FOR ADDITIONAL DEMOLITION NOTES, REFER TO ARCHITECTURAL DRAWING A-100.
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 - DESIGN BUILDER TO VERIFY ALL FIELD CONDITIONS.
 - ALL DIMENSIONS ARE NOMINAL, UNLESS NOTED OTHERWISE.
 - DO NOT SCALE DRAWINGS FOR THE PURPOSE OF FINAL DESIGN.
 - DEMOLITION, CUTTING, AND PATCHING OF ANY MATERIALS OR FIXTURES REQUIRED TO CONSTRUCT THE PROJECT IS HEREIN MADE A PART OF THESE DOCUMENTS.
 - THE IMAGES ON THE CONSTRUCTION DOCUMENT FLOOR PLANS REFLECT THE INFORMATION FROM THE ORIGINAL CONSTRUCTION DOCUMENTS FOR THE PROJECT. IT IS NOT AN INDICATION OF NEW WORK, IT IS SHOWN IN GRAY LINE COLOR. THE NEW WORK AND REQUIRED DEMOLITION OR REMOVALS ARE SHOWN IN BLACK LINE COLOR. IF THE DIFFERENCE IS NOT OBVIOUS, REPORT TO THE A.R. IMMEDIATELY.
 - ALL WORK INDICATED OR SHOWN GRAPHICALLY AS "EXIST (EXISTING) TO REMAIN" WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND WORK AROUND WITHOUT DISTURBING. IF DAMAGED, THE CONTRACTOR WILL REPLACE AT NO ADDITIONAL COST TO THE OWNER.
 - DESIGN BUILDER TO MAINTAIN THE REQUIRED CLEARANCE BETWEEN THE PROPOSED BEAM AND PLENUM SLAB FOR RETURN AIR FLOW THROUGH THE PLENUM. REFER TO MECHANICAL PROGRAM CRITERIA FOR ADDITIONAL INFORMATION.
 - FOR DEMOLITION AND RECONSTRUCTION PHASING RELATED TO NEW SOUTH MEZZANINE, REFER TO ARCHITECTURAL DRAWINGS.
 - FOR NEW VAULT OPENINGS OVER SOUTH MEZZANINE, REFER TO DRAWINGS S-6, S-13 AND S-15.

DESIGN BUILDER TO MODIFY EXISTING ESCALATOR PIT AS REQ'D TO INSTALL PROPOSED ESCALATOR AT BETHESDA SOUTH MEZZANINE

TEMPORARY 8" THK CMU FULLY GROUTED AND REINFORCED BLOCK WALL (3 HR. FIRE RATED) W/ 3'-0" WIDE X 7'-0" DOOR AT CENTER ALONG THE PROPOSED PASSAGEWAY. PROVIDE LINTEL ON TOP OF PROPOSED DOOR

PARTIAL PLATFORM PLAN
SCALE: 1/8" = 1'-0"

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		DATE	BY	DESCRIPTION
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CHECKED D.S. TUSING	DATE			
APPROVED	DATE			



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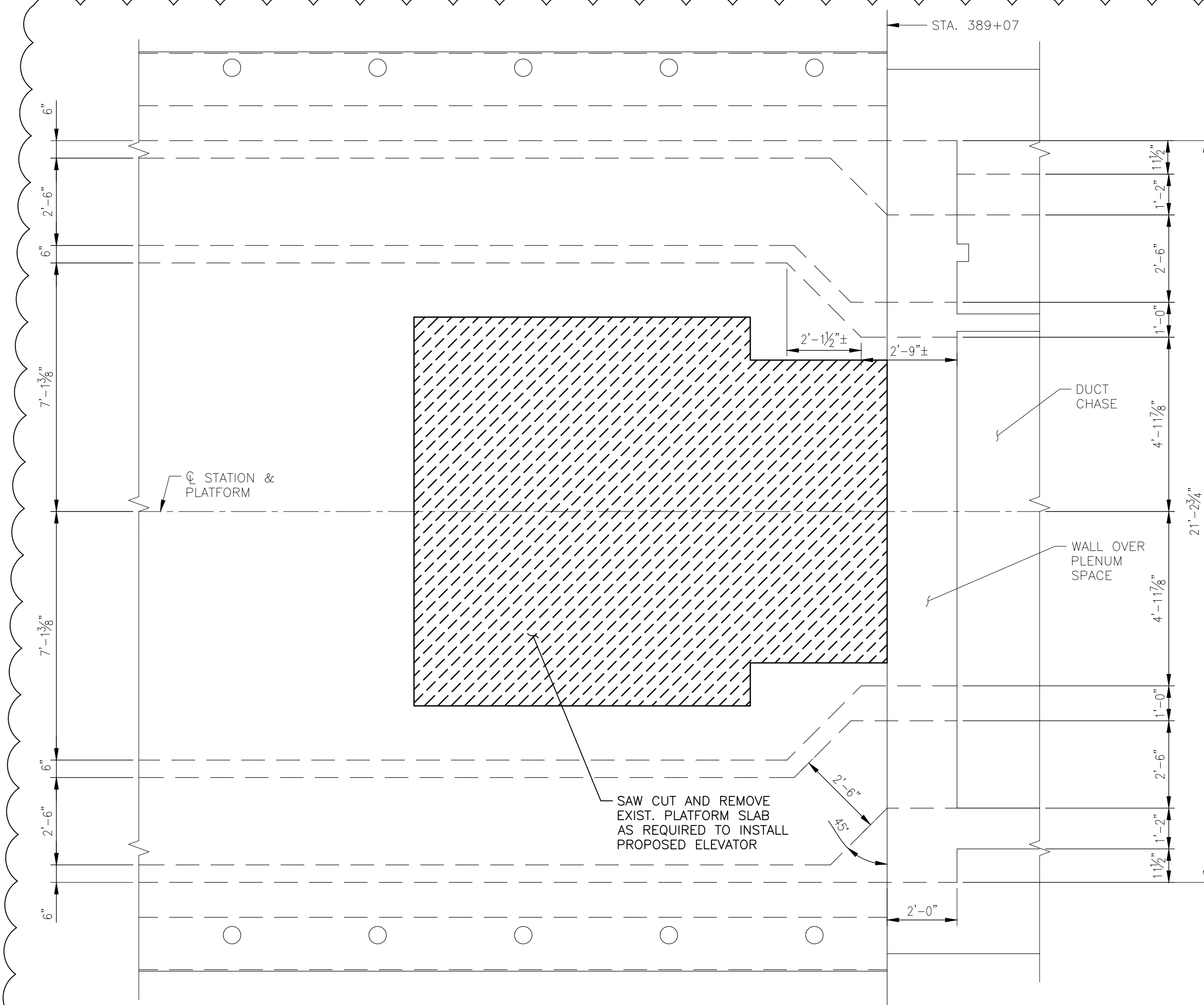
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BETHESDA STATION - SOUTH ENTRANCE
BETHESDA STATION PLATFORM PLAN AND SECTIONS
STA. 391+07 TO STA. 389+07

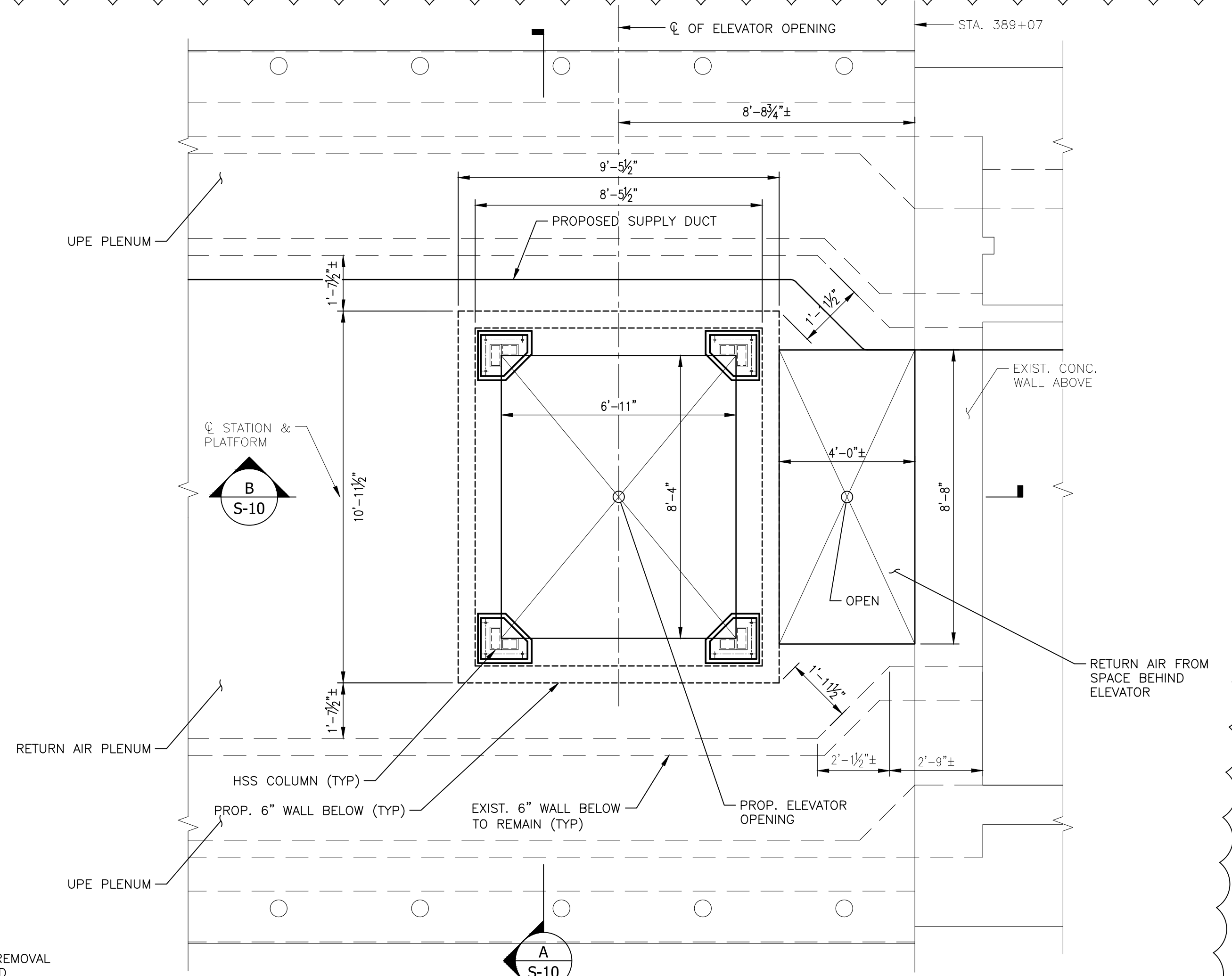
SCALE AS NOTED DRAWING NO. S-9

R:\2015\2015-10-14\15_10.dwg Apr 06 2015 10:48am manchroha.ctb Plot Scale 1=1 Plot By: Itanguyen Tab: Layout1

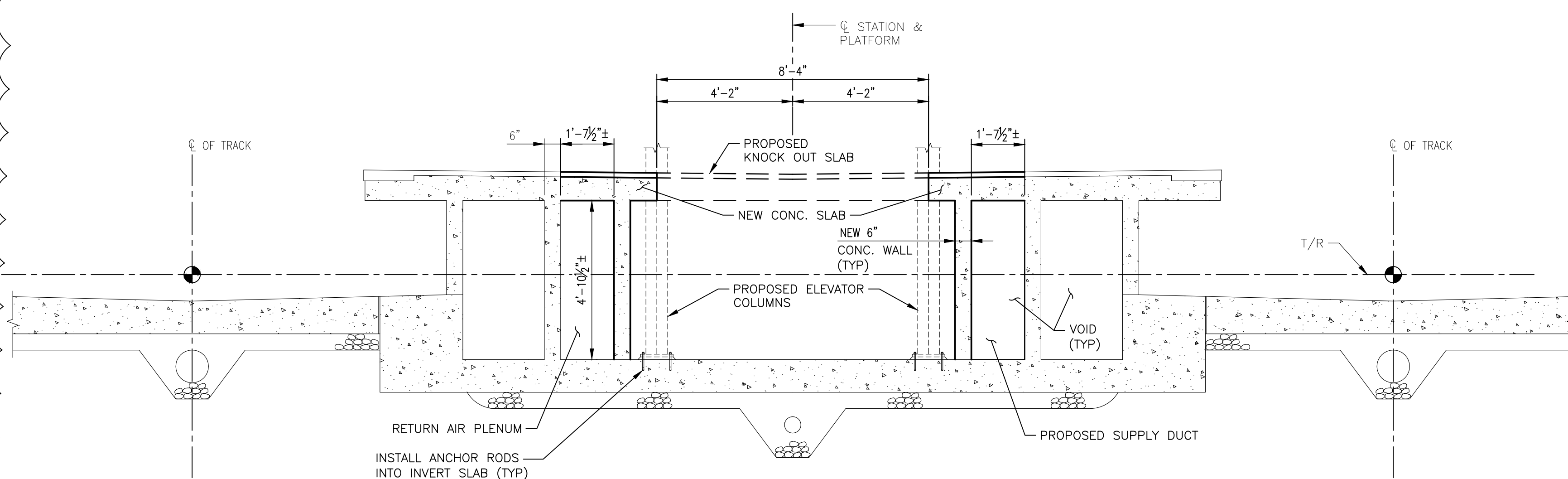


1 PARTIAL PLATFORM DEMOLITION PLAN
SCALE: 3/8" = 1'-0"

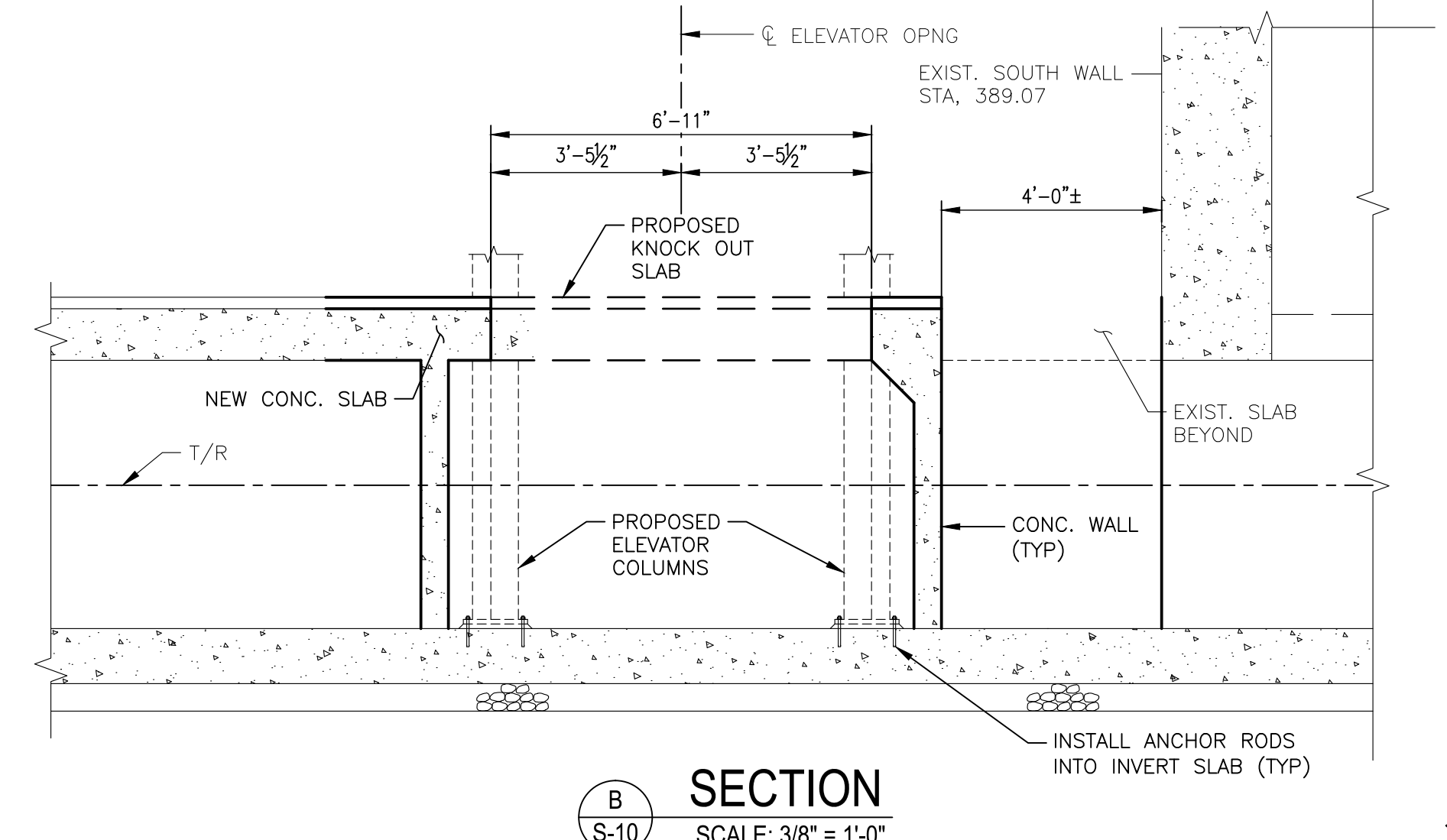
LEGEND:
[Hatched Box] PLATFORM SLAB REMOVAL LIMIT AS REQUIRED



2 PARTIAL PLATFORM PROPOSED PLAN
SCALE: 3/8" = 1'-0"



A SECTION
SCALE: 3/8" = 1'-0"



B SECTION
SCALE: 3/8" = 1'-0"

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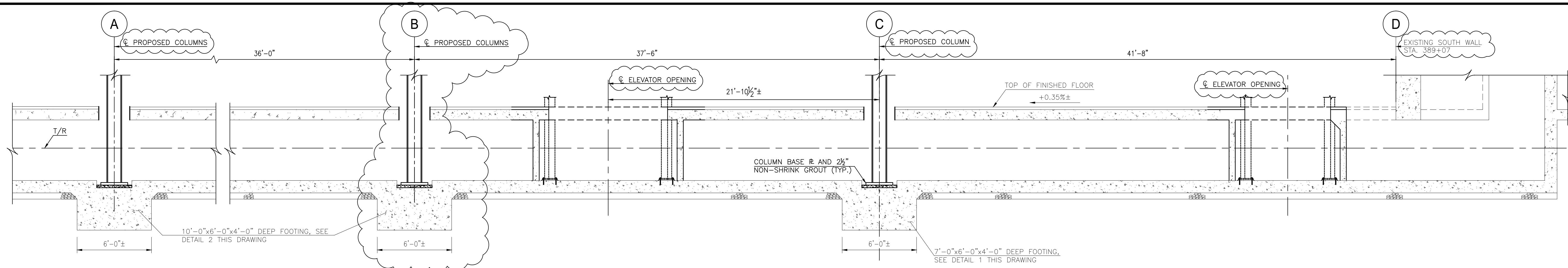
WR&A WHITMAN, REQUARDT & ASSOCIATES, LLP
801 SOUTH CAROLINE STREET, BALTIMORE, MARYLAND 21201

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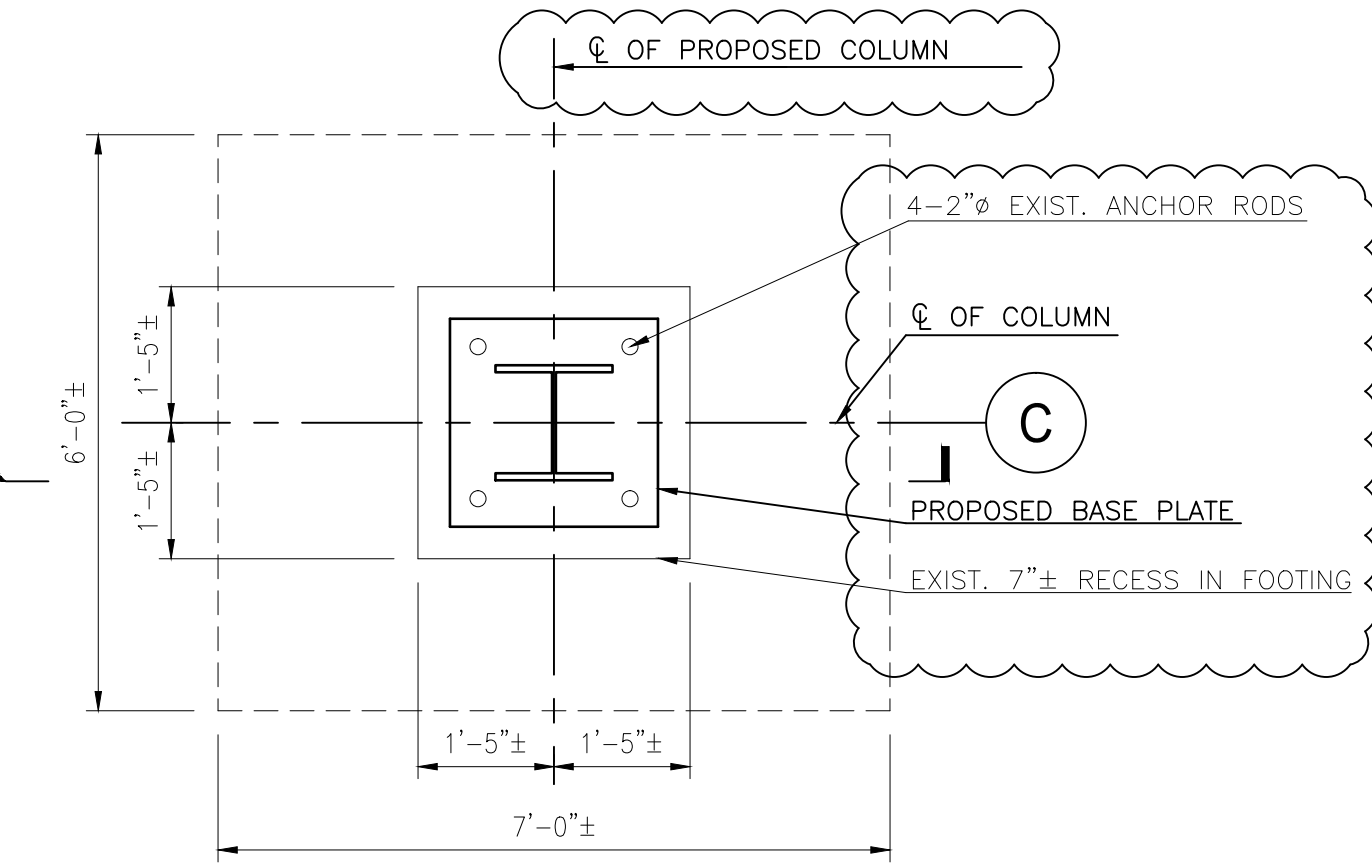
BETHESDA STATION - SOUTH ENTRANCE
BETHESDA STATION PLATFORM PLANS AND SECTIONS

SCALE: AS NOTED

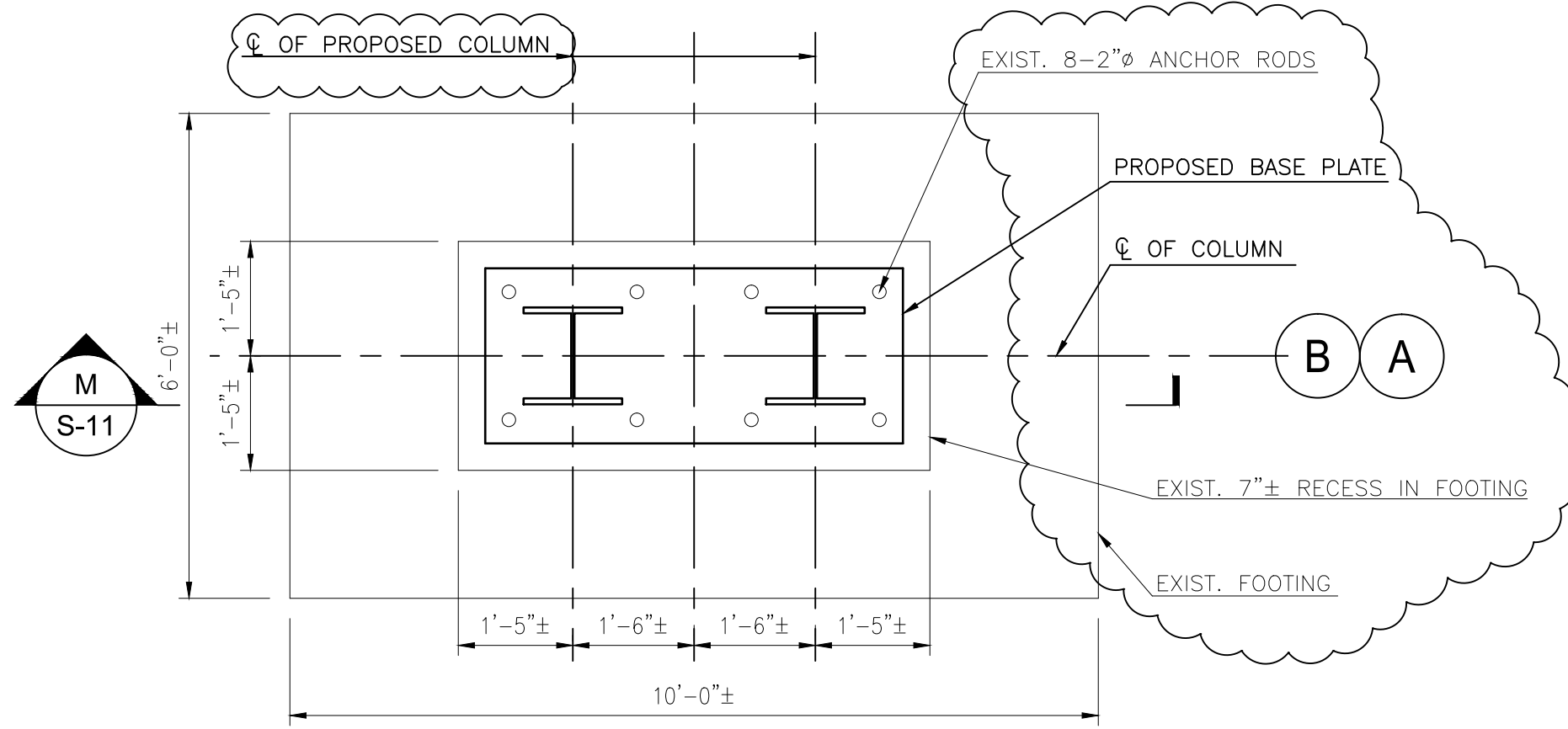
DRAWING NO. S-10



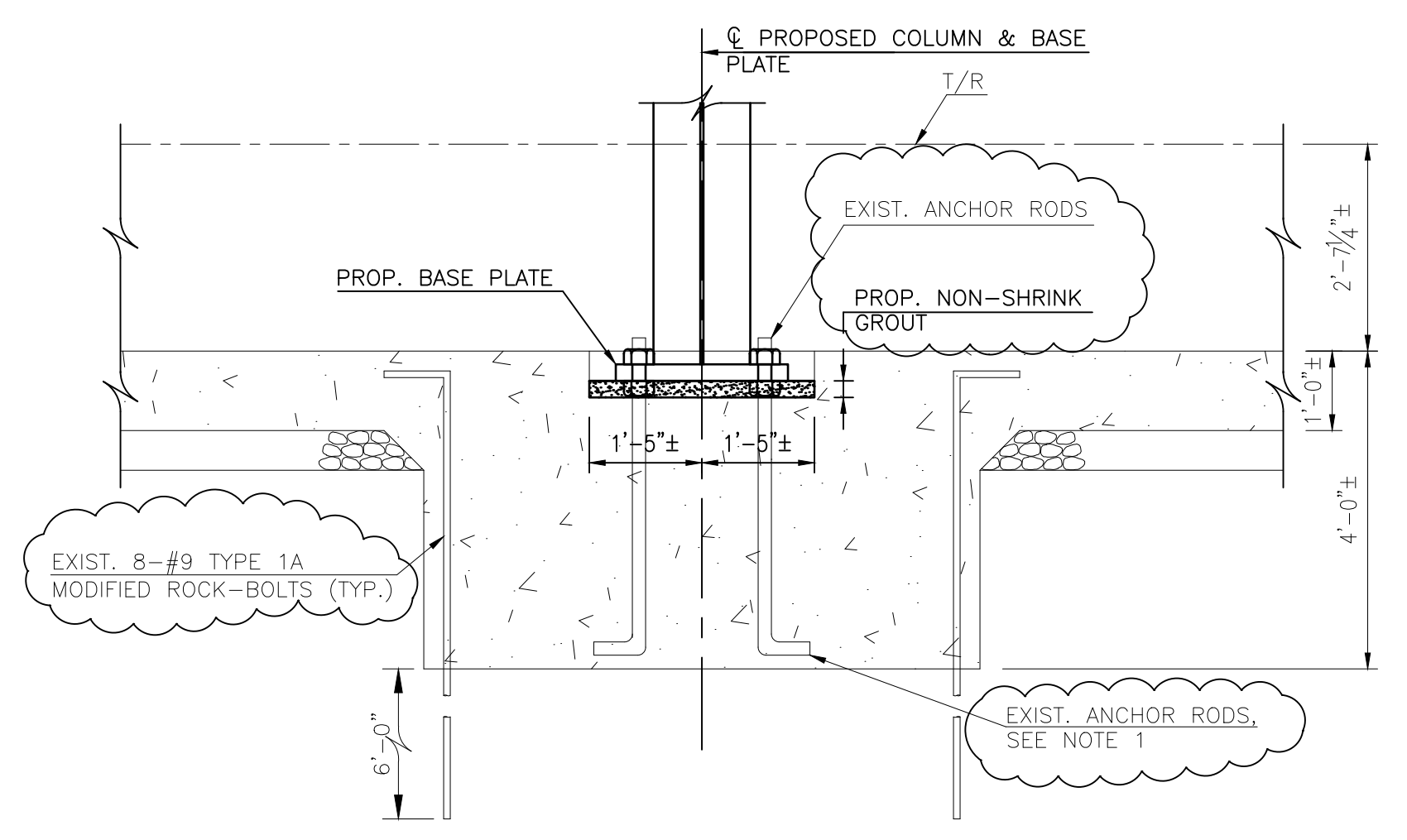
C
S-9
SCALE: 1/2"=1'-0"



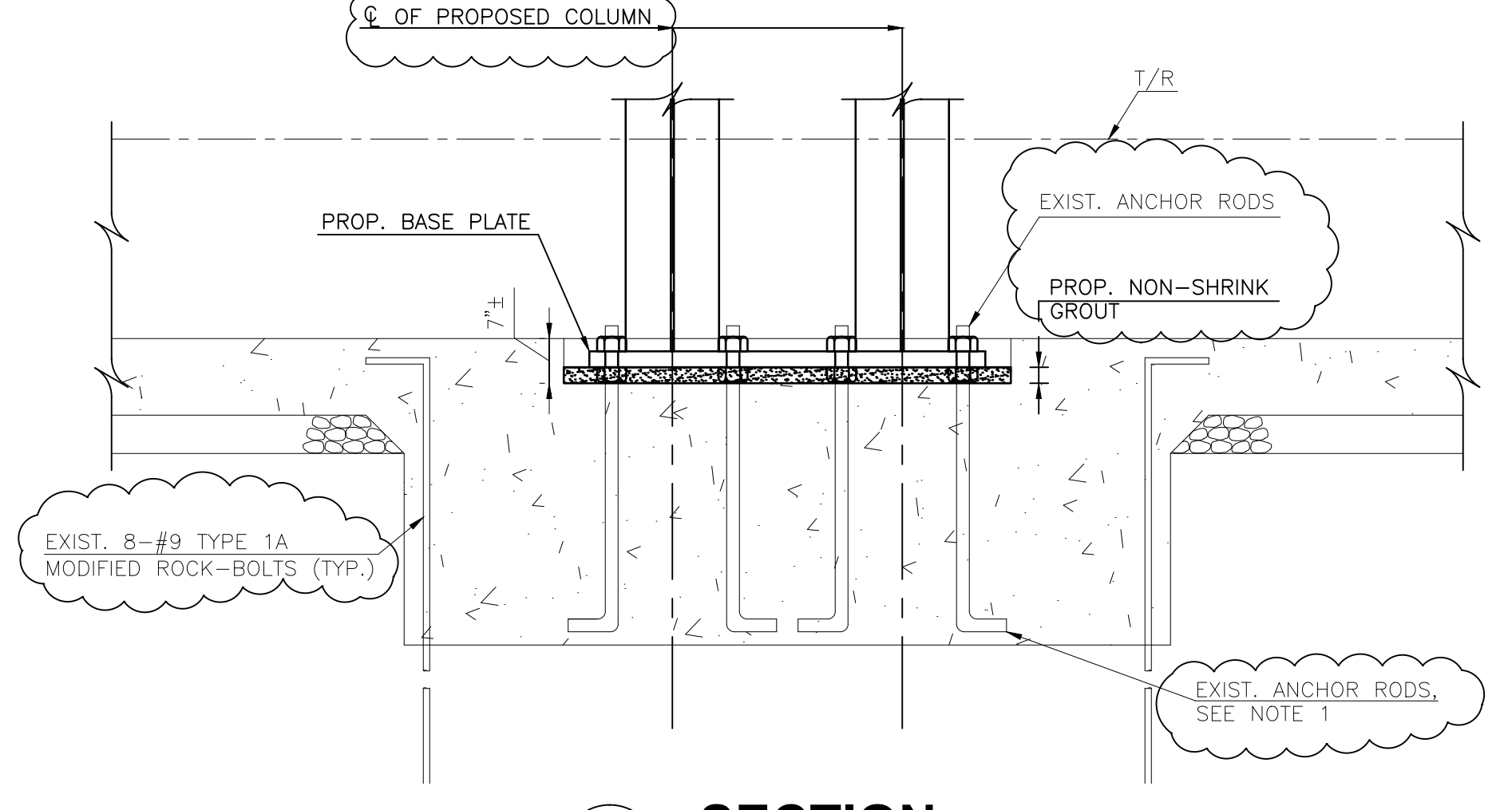
1
S-11
SCALE: 1/2"=1'-0"



2
S-11
SCALE: 1/2"=1'-0"



L
S-11
SCALE: 1/2"=1'-0"



M
S-11
SCALE: 1/2"=1'-0"

NOTES:

1. ALL EXISTING FOOTINGS FOR FUTURE COLUMNS CONSTRUCTED AROUND 1977 HAVE PRE-INSTALLED J TYPE ANCHOR RODS. CORROSION OF ANCHOR RODS AND SECTION LOSS WERE OBSERVED PER 2011 WMATA ROUTINE INSPECTION. DESIGN BUILDER TO REMOVE ALL ANCHOR RODS FROM EXISTING FOOTINGS AND INSTALL NEW ANCHOR RODS AS REQUIRED. AT ANY INSTANCE, REBAR IN THE EXISTING FOOTINGS AND WATER PROOFING MEMBRANE UNDERNEATH THE FOOTING SHALL NOT BE DAMAGED. NEW ANCHOR ROD SHALL BE PLACED AT A MINIMUM OF 12 INCH CLEAR FROM BOTTOM OF THE EXISTING FOOTINGS.

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D.S. TUSING						



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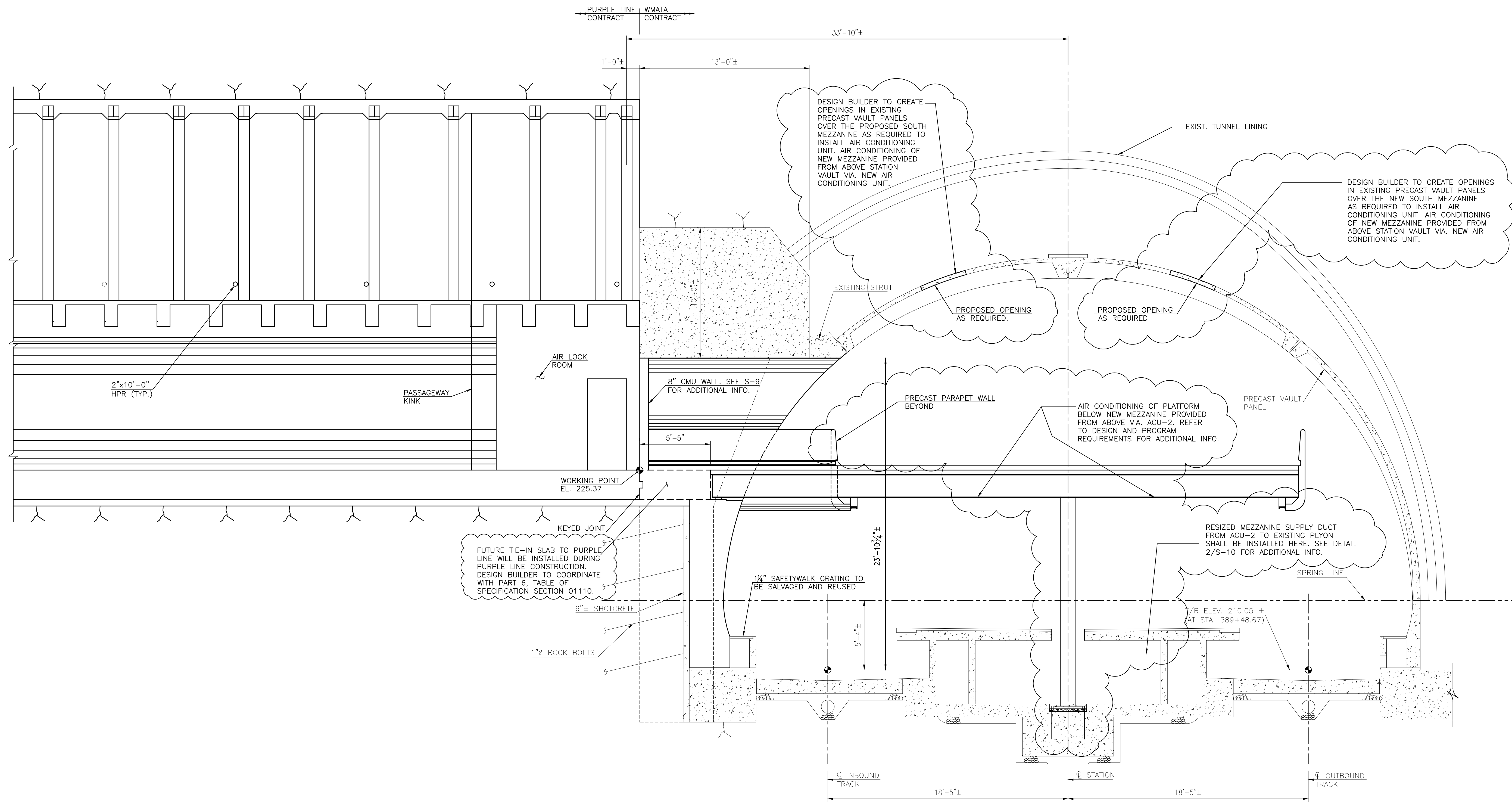
BETHESDA STATION - SOUTH ENTRANCE
PLATFORM SECTIONS AND DETAILS

SCALE: AS NOTED

DRAWING NO.
S-11

R:\k22\SYS - C:\proj_sections\wgannett\wgannett\wgannett\0051415\0159045\S-11.dwg Apr. 06. 2015 10:52am monocthrna.ctb Plot Scale 1=1 Plot By: litnguyen Tab: Layout1

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D
S-9
SECTION
SCALE: 1/4"=1'-0"

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CHECKED D.S. TUSING	DATE			
APPROVED	DATE			



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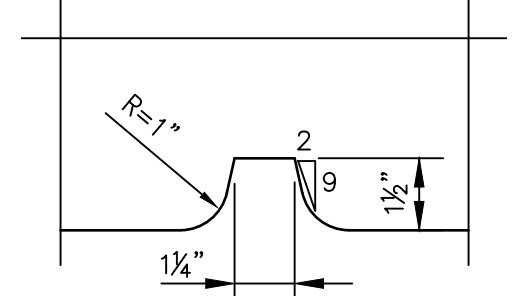
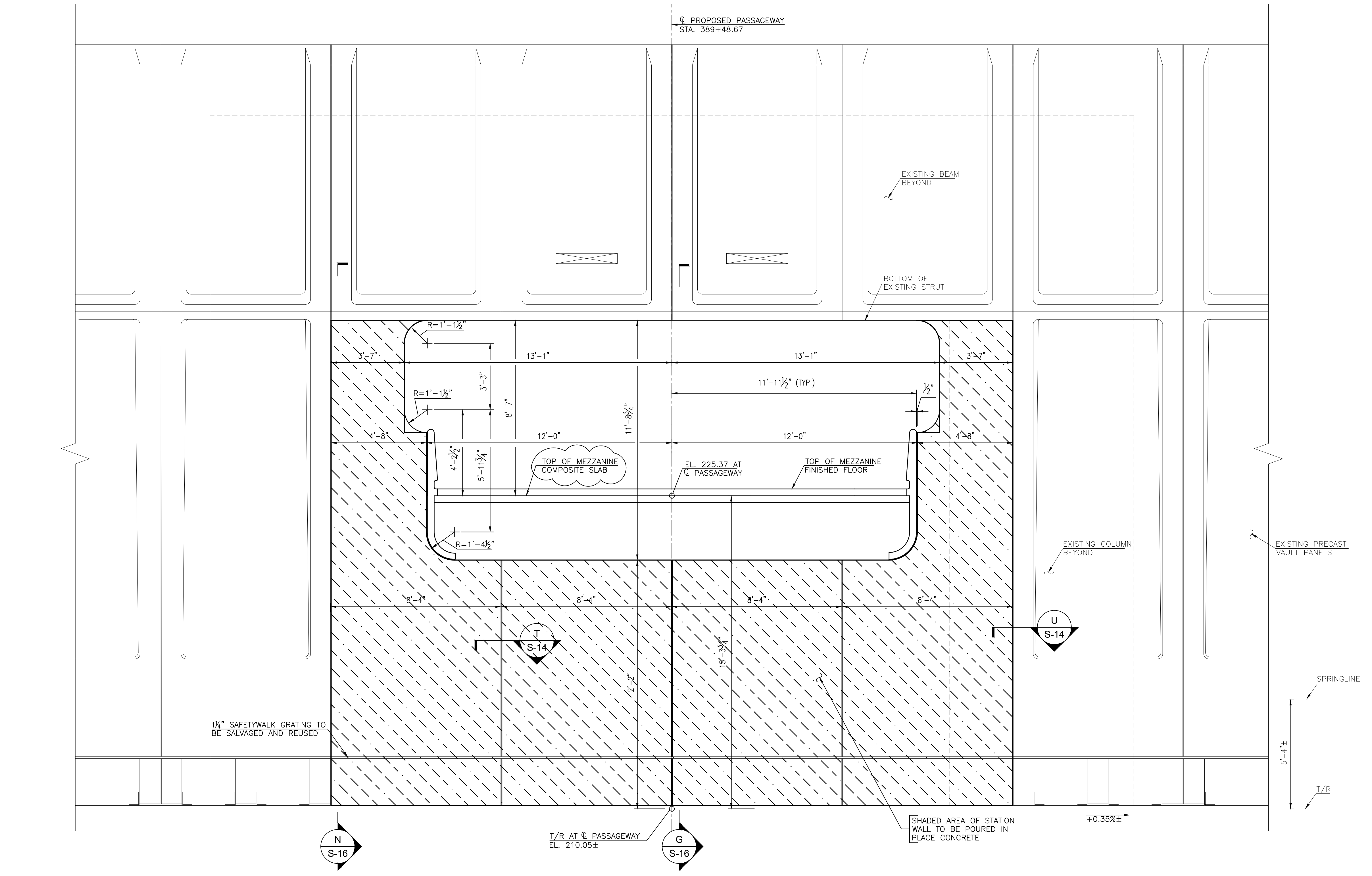
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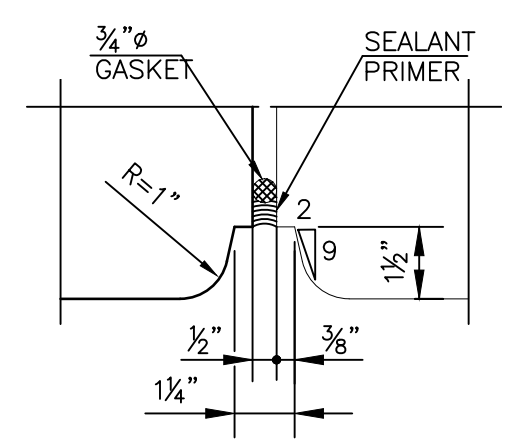
BETHESDA STATION - SOUTH ENTRANCE
SECTION AT SOUTH PASSAGEWAY

SCALE: AS NOTED
DRAWING NO.: S-13

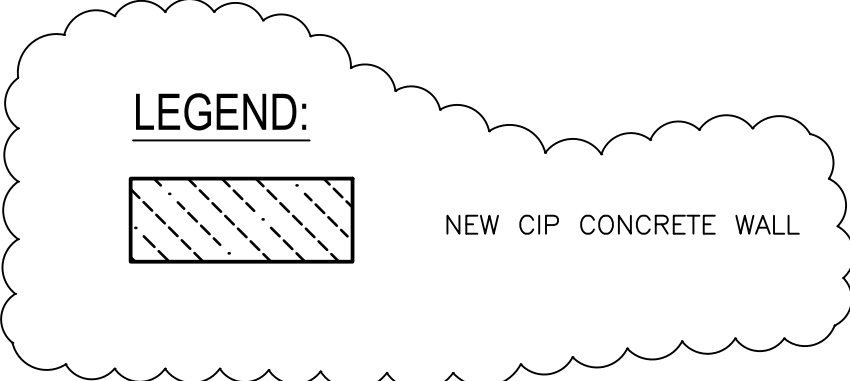
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T SECTION
 (TYPICAL 3 LOCATIONS)
 SCALE: 1/2"=1'-0"



U SECTION
 (TYPICAL 2 LOCATIONS)
 SCALE: 1/2"=1'-0"



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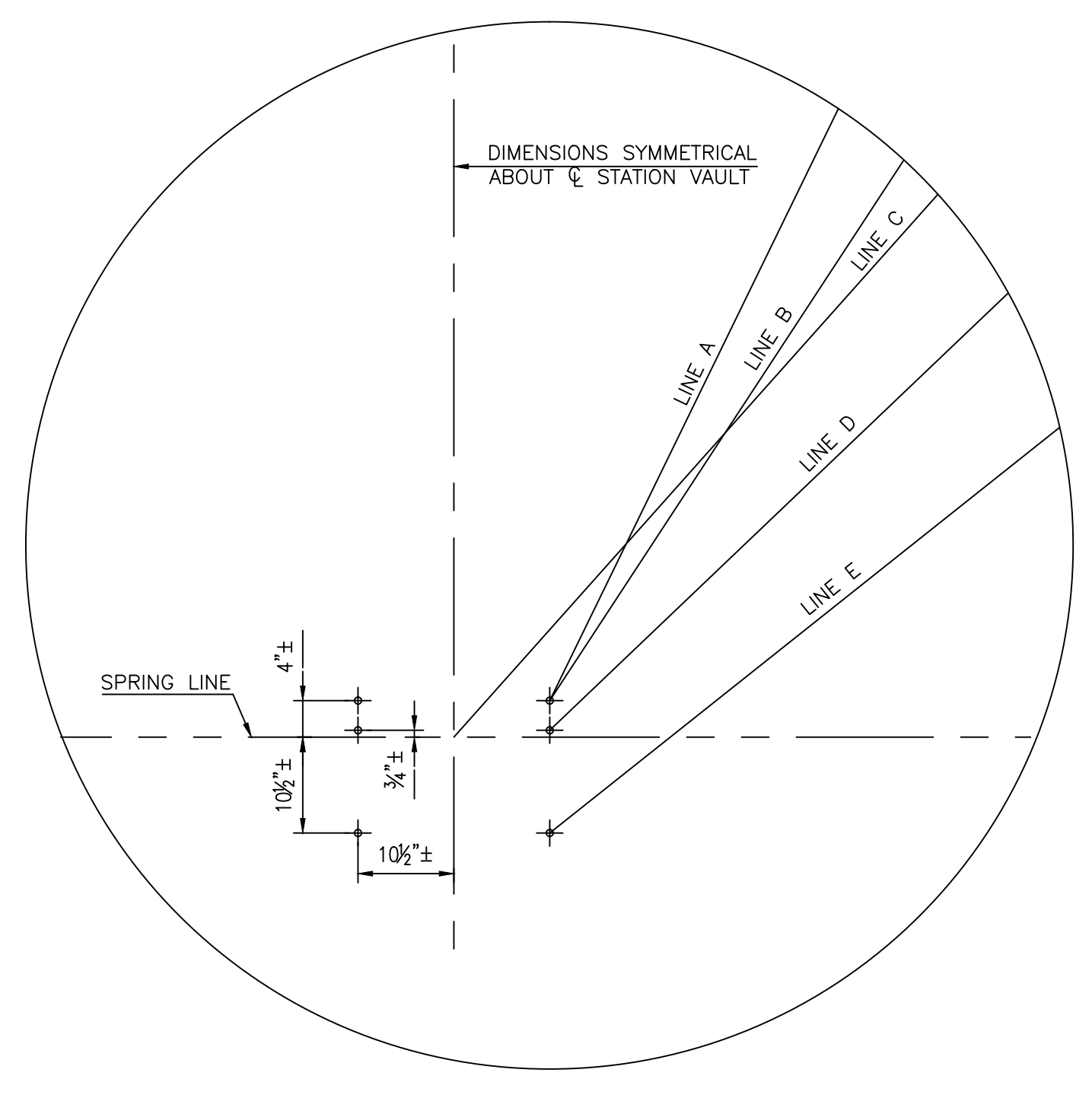
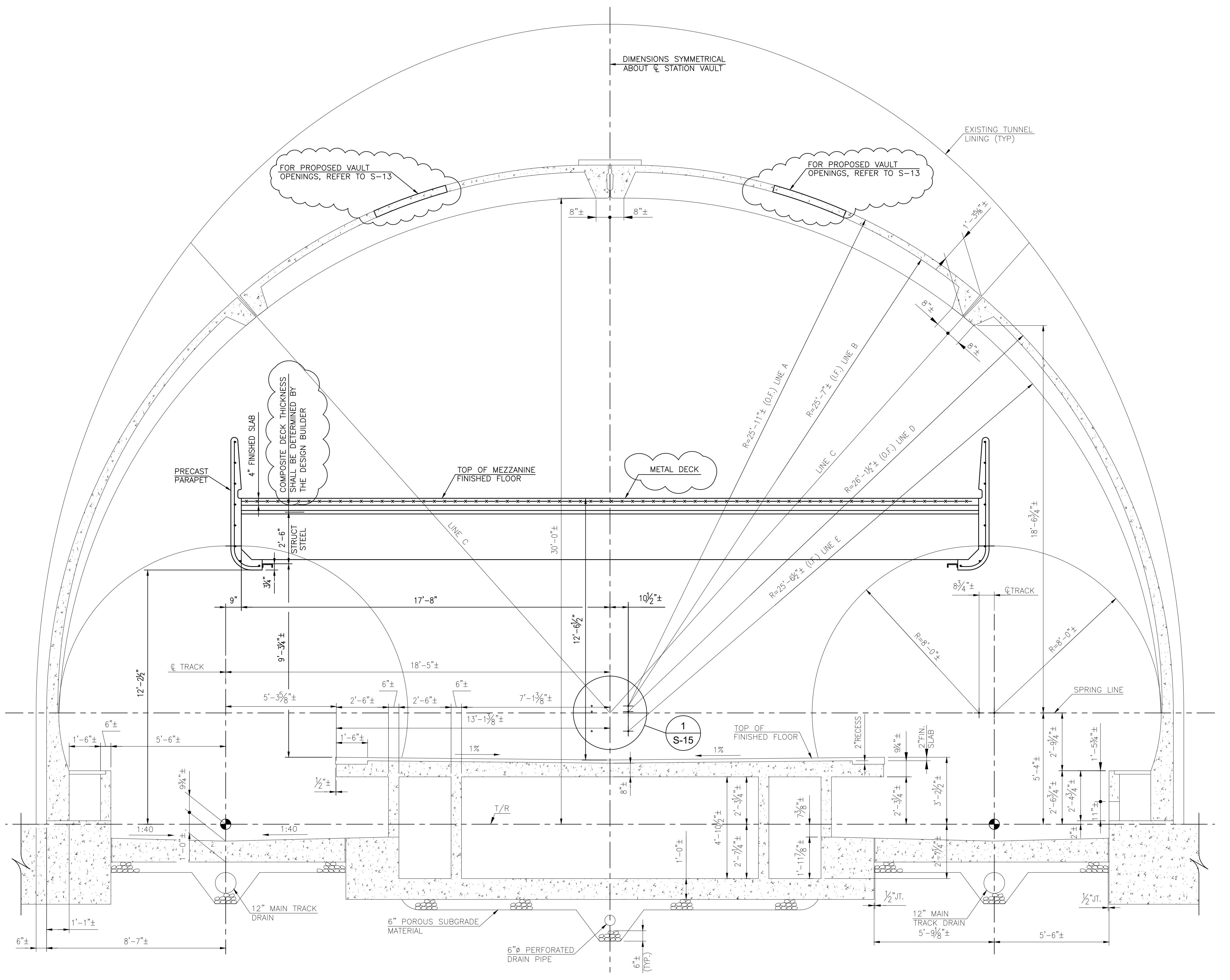
DESIGNED		DATE		REVISIONS	
DATE	BY	DATE	BY	DESCRIPTION	



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BETHESDA STATION - SOUTH ENTRANCE
 VAULT DETAILS
 AT SOUTH PASSAGEWAY
 SCALE: AS NOTED
 DRAWING NO. S-14

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F
S-9
TYPICAL SECTION THROUGH STATION
SCALE: 3/8" = 1'-0"

1
S-15
DETAIL
SCALE: 3/4" = 1'-0"

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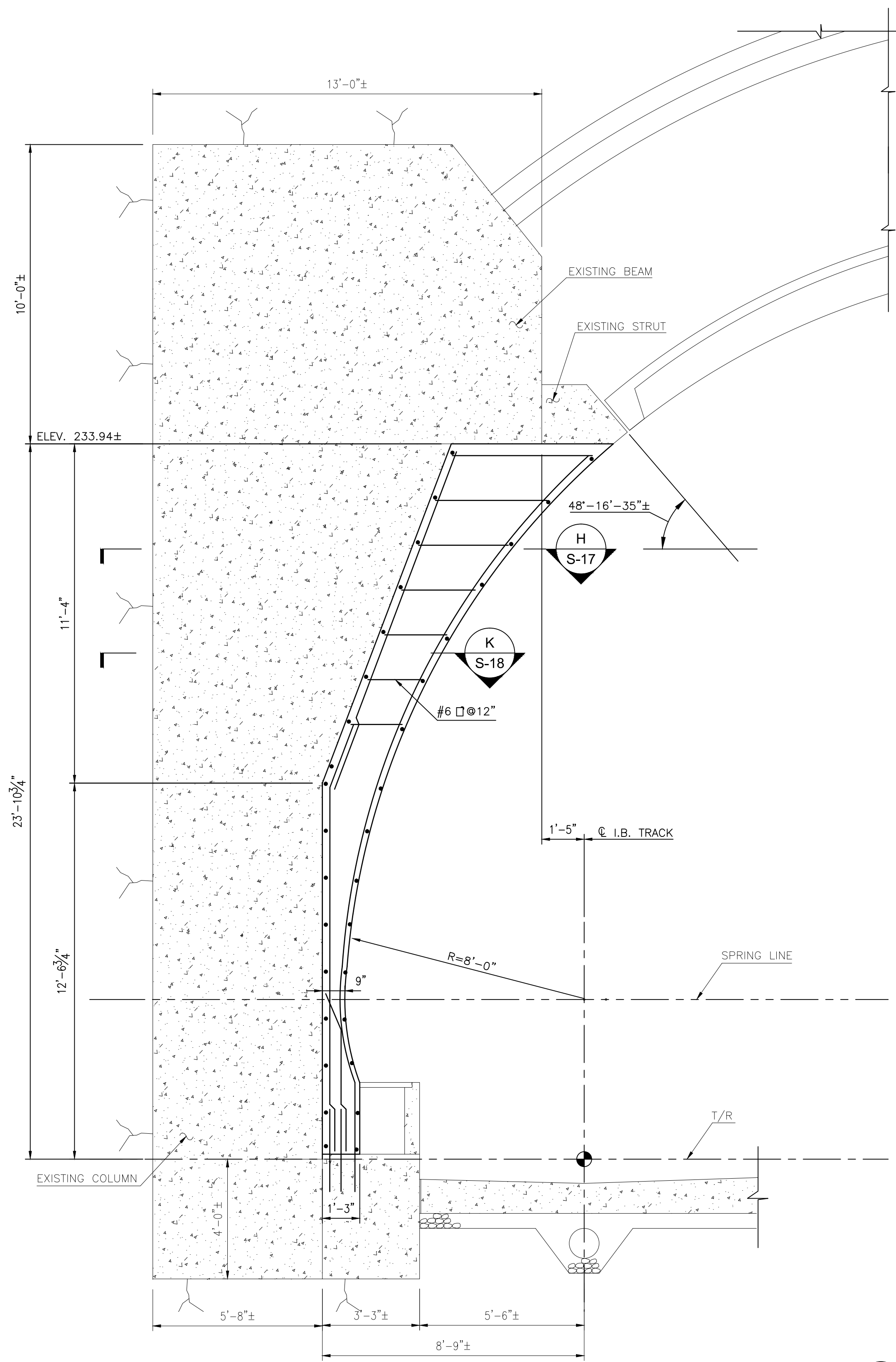
WR&A
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SUBMITTED BY: _____ APPROVED: _____

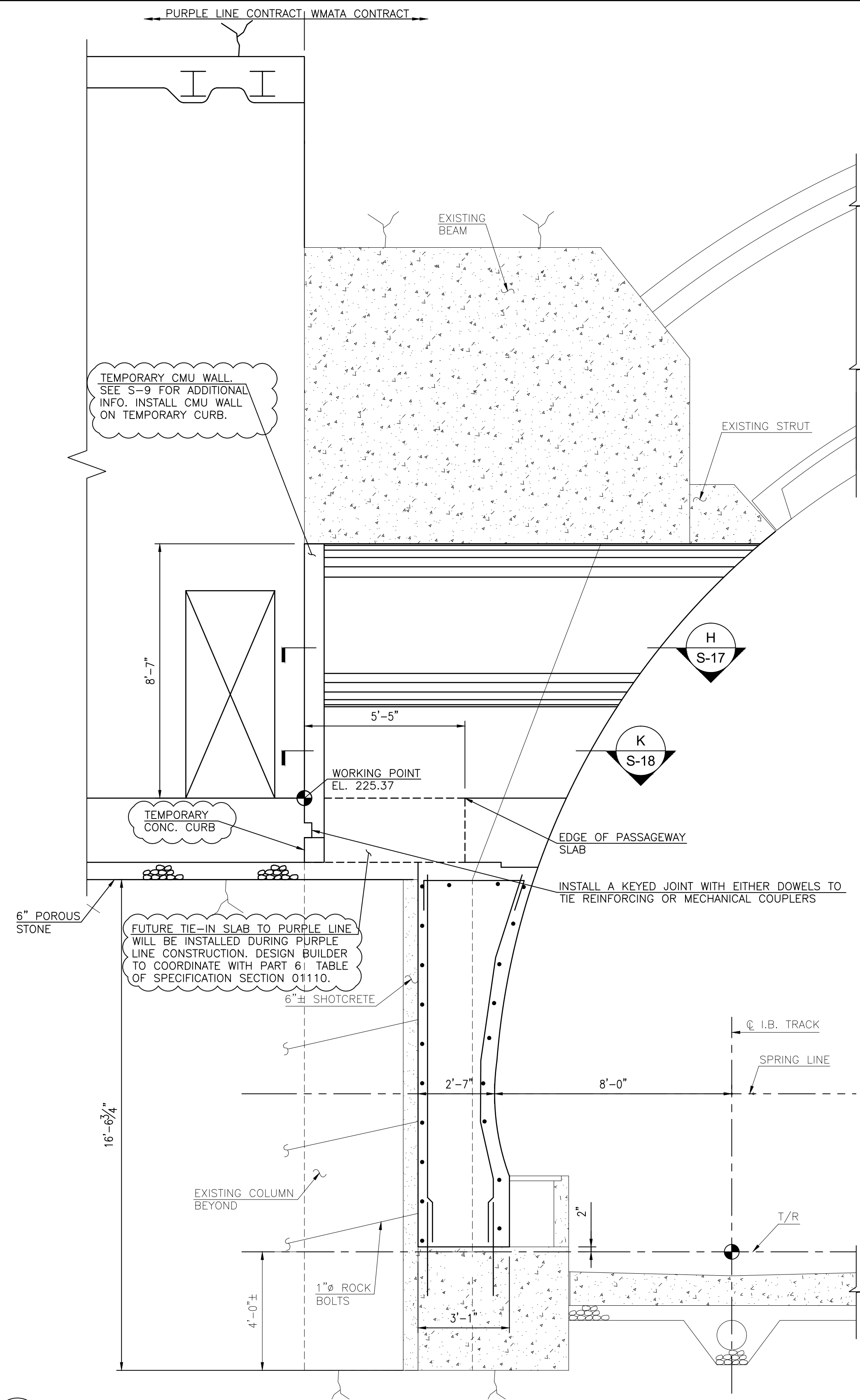
BETHESDA STATION - SOUTH ENTRANCE
PRECAST VAULT AND
PLATFORM DETAILS

SCALE: AS NOTED

DRAWING NO.
S-15



N
S-14
SCALE: 3/8" = 1'-0"



G
S-14
SCALE: 3/8" = 1'-0"

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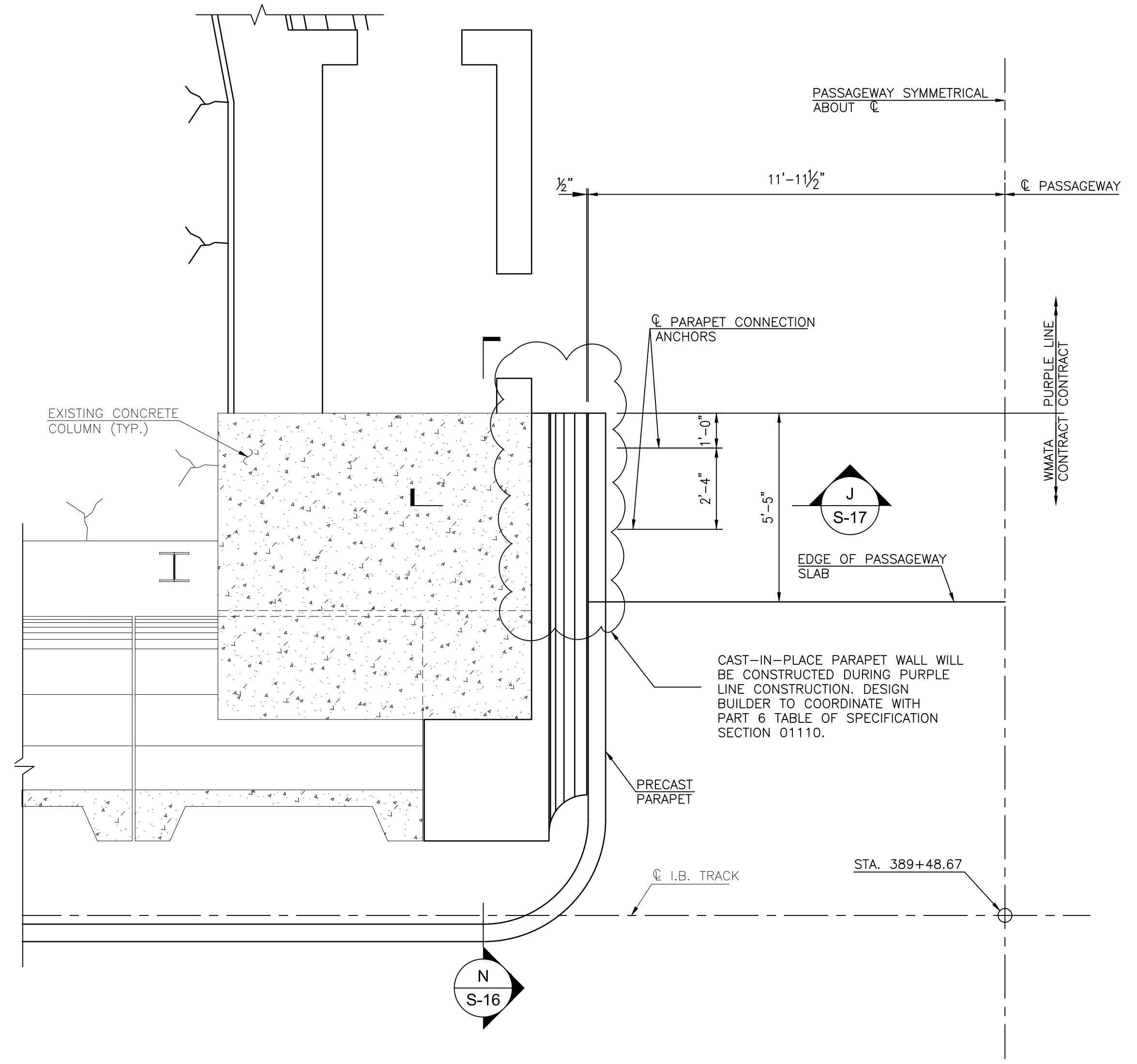
BETHESDA STATION - SOUTH ENTRANCE
 DETAILS AT SOUTH PASSAGEWAY

SCALE AS NOTED

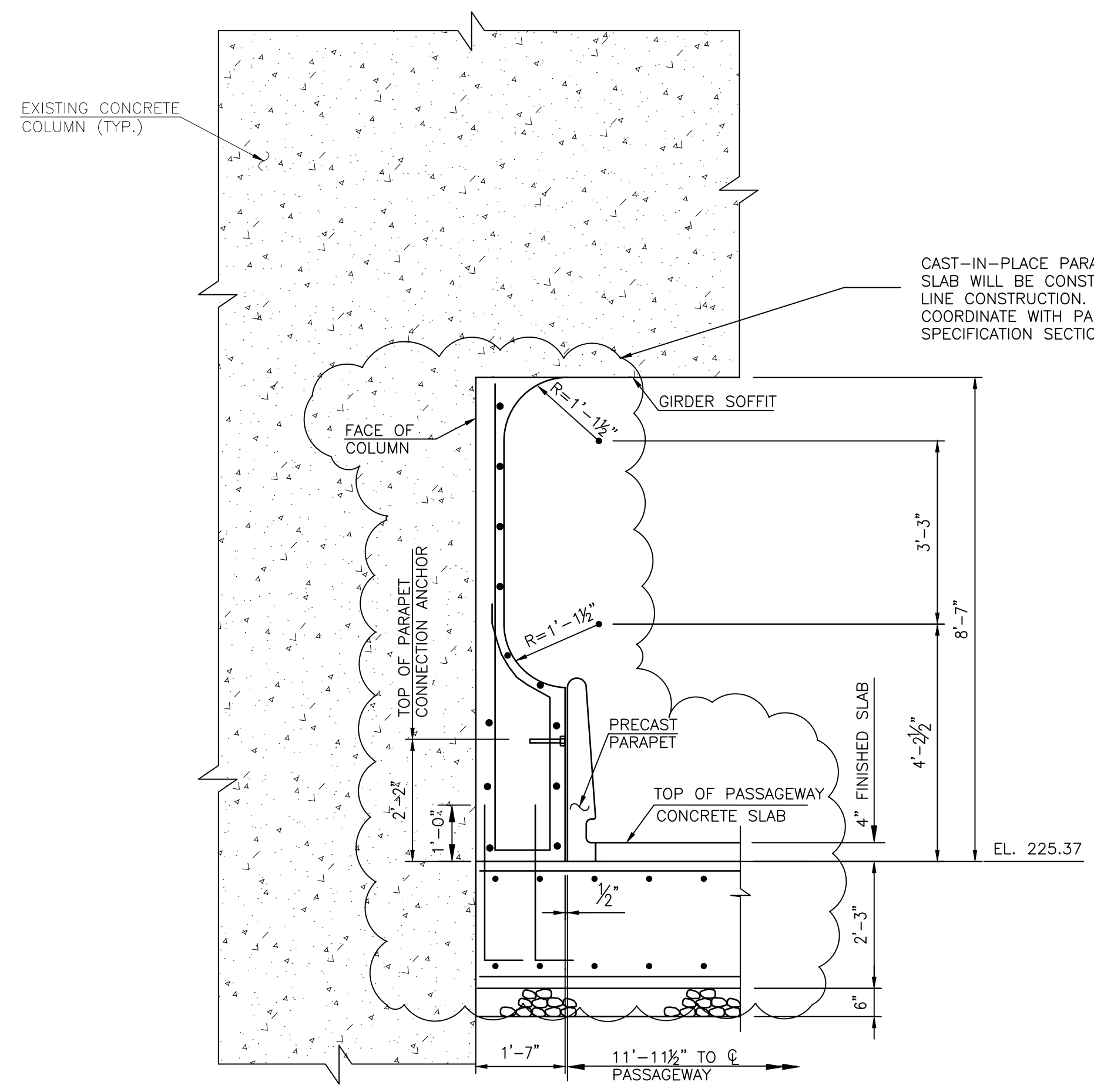
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H SECTION
SCALE: 3/8" = 1'-0"



J SECTION
SCALE: 1/2" = 1'-0"

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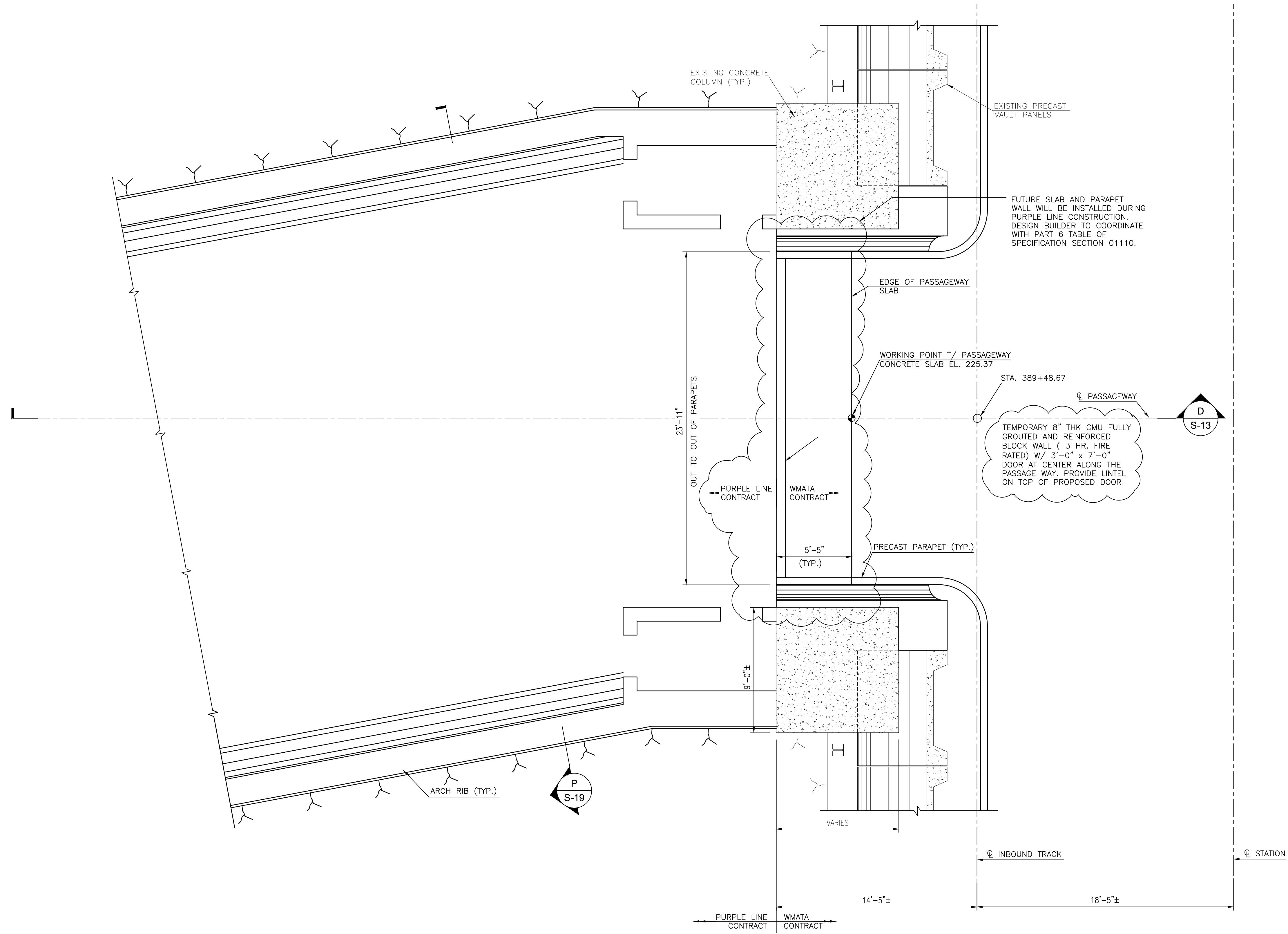
BETHESDA STATION - SOUTH ENTRANCE
 DETAILS AT SOUTH PASSAGEWAY

SCALE: AS NOTED
 DRAWING NO. S-17

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K
S-14,16

SECTION - PROPOSED PASSAGEWAY PLAN

SCALE: 1/4"=1'-0"

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CHECKED D.S. TUSING	DATE			
APPROVED	DATE			



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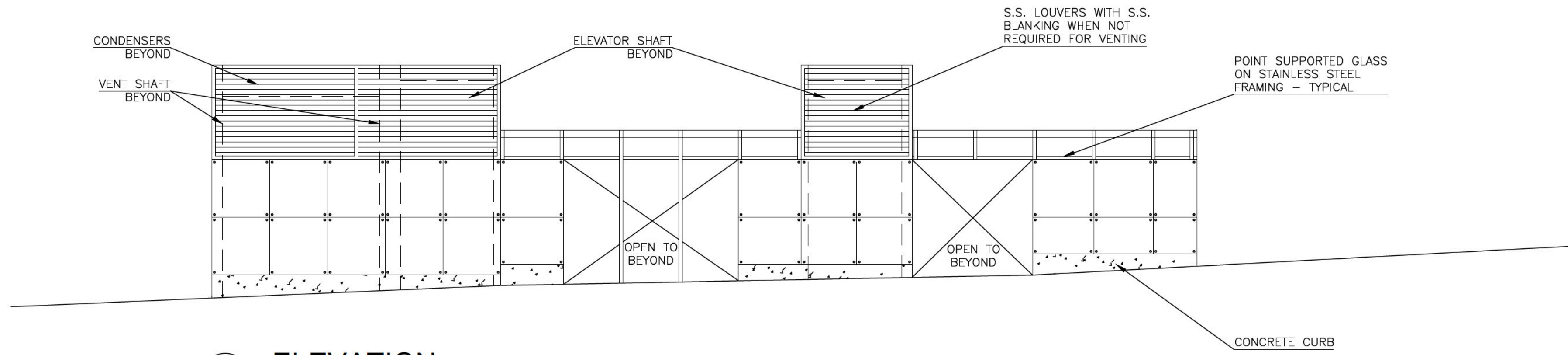
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BETHESDA STATION - SOUTH ENTRANCE

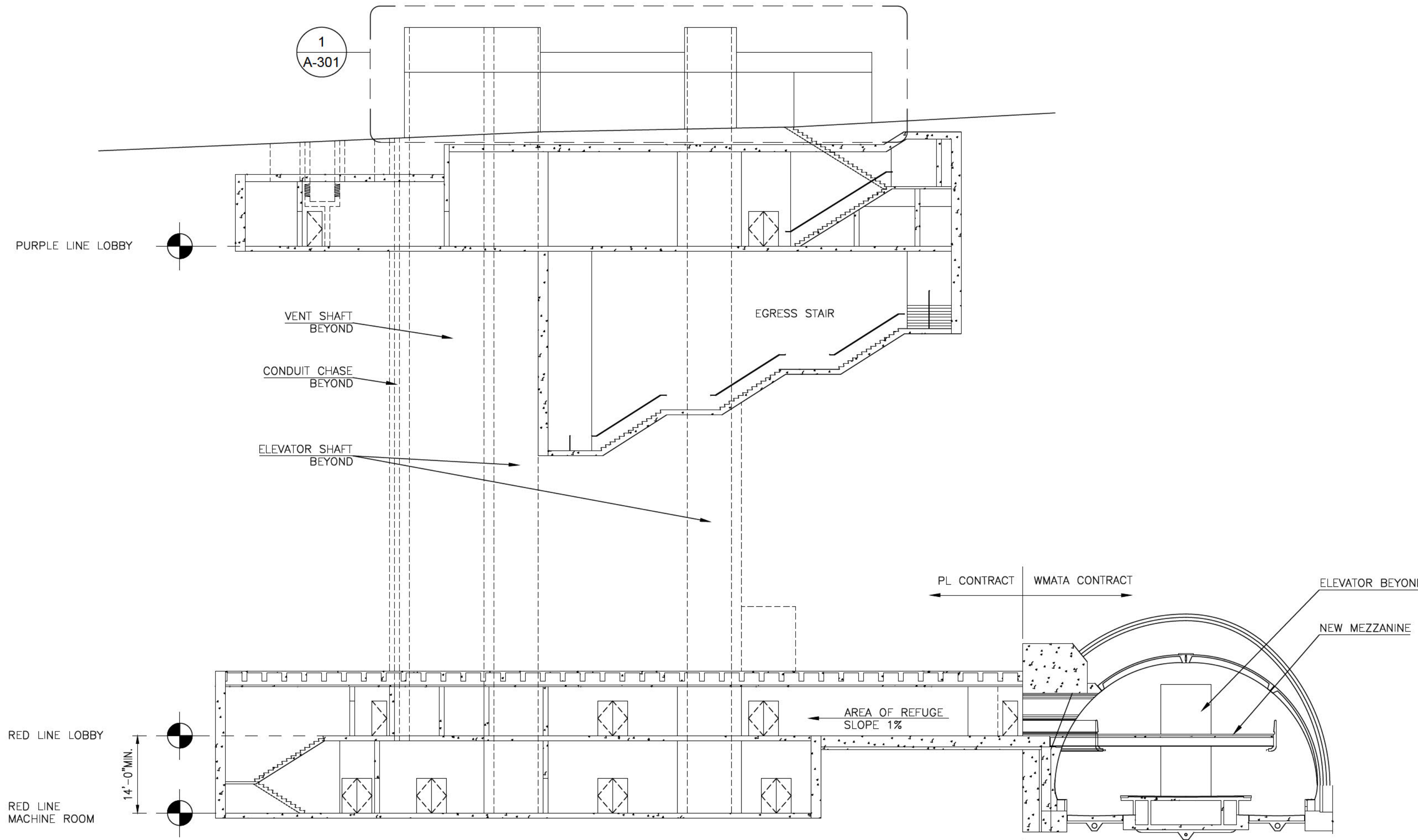
PROPOSED PASSAGEWAY PLAN

SCALE: AS NOTED

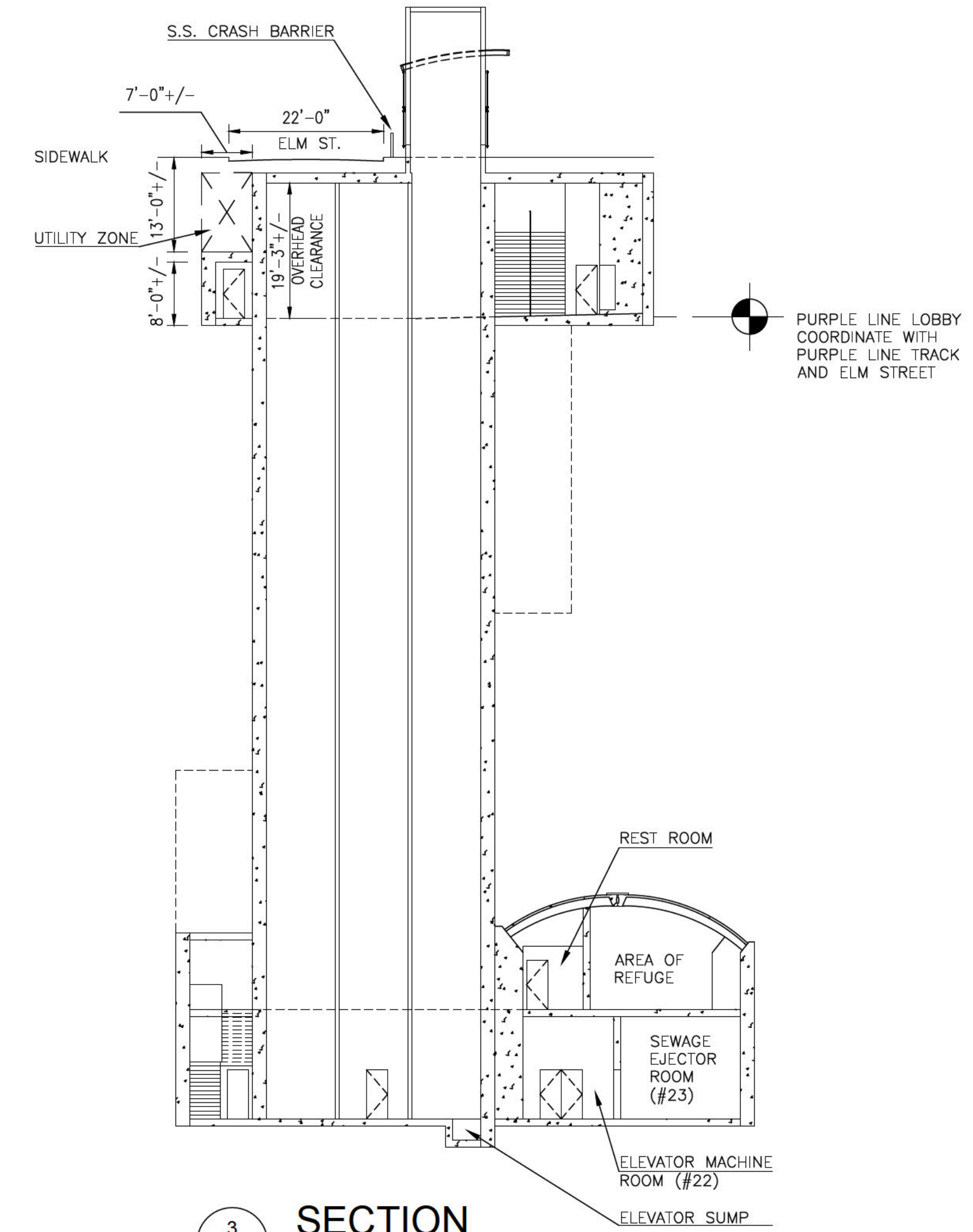
DRAWING NO. S-18



1
A-301 ELEVATION
SCALE: 1/8" = 1'-0"



2
A-301 SECTION
SCALE: 1/16" = 1'-0"



3
A-301 SECTION
SCALE: 1/16" = 1'-0"

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CONTRACT NO.
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BETHESDA STATION — SOUTH ENTRANCE

BUILDING SECTIONS

SCALE AS NOTED

DRAWING NO.
A-301