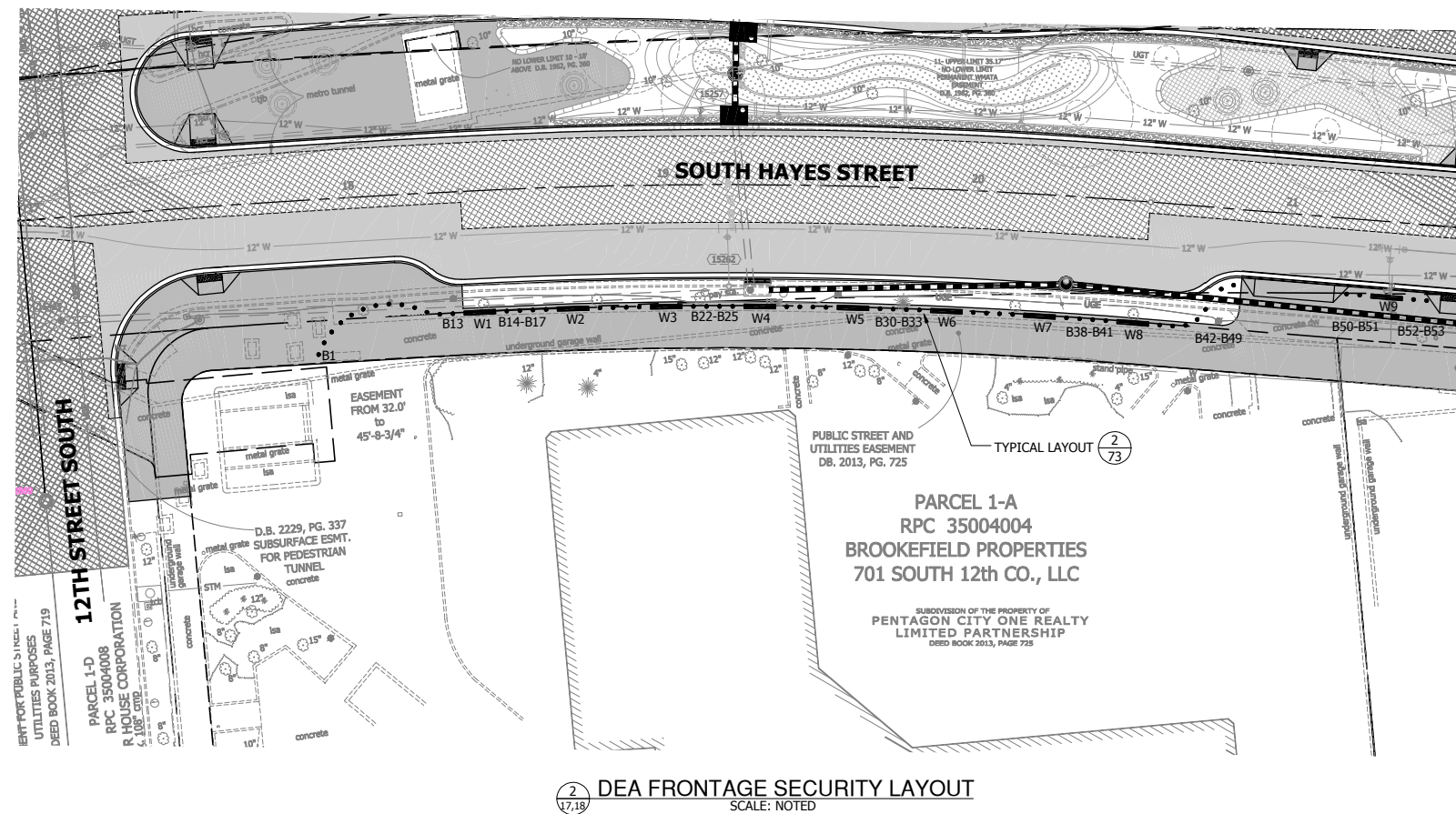
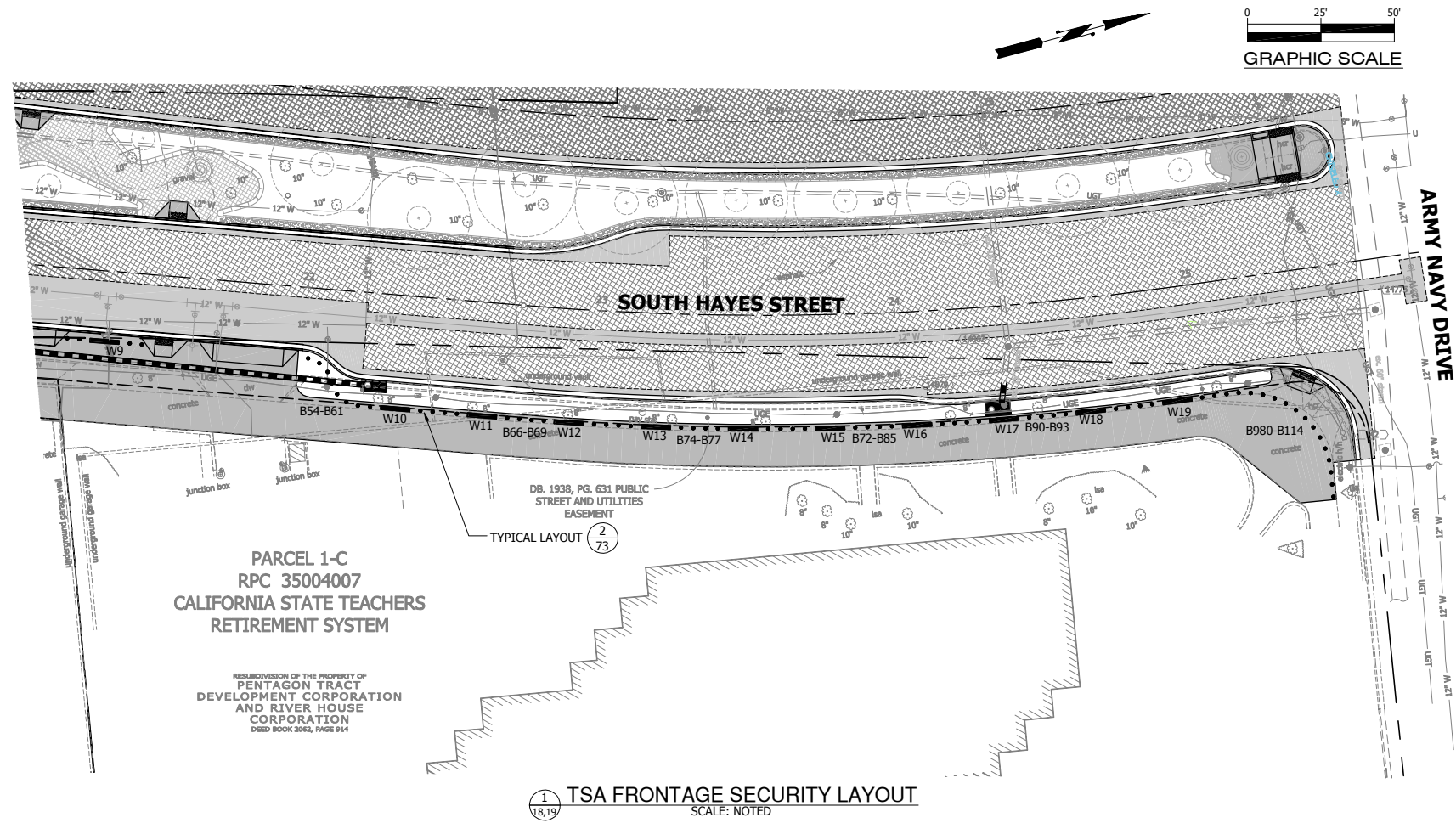


BOLLARD & WALL CONTROL

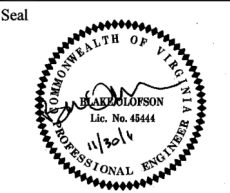
NBL STATION	RIGHT OFFSET	KEY	NBL STATION	RIGHT OFFSET	KEY
17+87.24	49.27	B1	22+15.94	37.84	B59
17+89.25	45.61	B2	22+20.04	38.70	B60
17+91.85	42.34	B3	22+24.20	38.70	B61
17+94.97	39.55	B4	22+27.79	38.70	W10
17+98.51	37.32	B5	22+37.79	38.70	W10
18+02.38	35.72	B6	22+41.37	38.70	B62
18+06.47	34.78	B7	22+45.54	38.70	B63
18+10.65	34.53	B8	22+49.70	38.70	B64
18+14.82	34.99	B9	22+53.87	38.70	B65
18+18.86	36.13	B10	22+57.45	38.70	W11
18+22.69	37.81	B11	22+67.45	38.70	W11
18+26.78	38.68	B12	22+71.04	38.70	B66
18+30.99	38.70	B13	22+75.14	38.70	B67
18+34.60	38.70	W1	22+79.15	38.70	B68
18+44.83	38.70	W1	22+83.16	38.70	B69
18+48.50	38.70	B14	22+86.61	38.70	W12
18+52.77	38.70	B15	22+96.24	38.70	W12
18+57.03	38.70	B16	22+99.69	38.70	B70
18+61.30	38.70	B17	23+03.70	38.70	B71
18+64.97	38.70	W2	23+07.71	38.70	B72
18+75.21	38.70	W2	23+11.72	38.70	B73
18+78.88	38.70	B18	23+15.17	38.70	W13
18+83.15	38.70	B19	23+24.79	38.70	W13
18+87.41	38.70	B20	23+28.24	38.70	B74
18+91.68	38.70	B21	23+32.26	38.70	B75
18+95.35	38.70	W3	23+33.27	38.70	B76
19+05.59	38.70	W3	23+40.28	38.70	B77
19+09.27	38.70	B22	23+43.73	38.70	W14
19+13.53	38.70	B23	23+53.35	38.70	W14
19+17.80	38.70	B24	23+56.80	38.70	B78
19+22.07	38.70	B25	23+60.81	38.70	B79
19+27.24	38.70	W4	23+64.82	38.70	B80
19+35.98	38.70	W4	23+68.83	38.70	B81
19+39.66	38.70	B26	23+72.28	38.70	W15
19+43.92	38.70	B27	23+81.91	38.70	W15
19+48.19	38.70	B28	23+85.36	38.70	B82
19+52.45	38.70	B29	23+89.37	38.70	B83
19+56.12	38.70	W5	23+93.38	38.70	B84
19+66.37	38.70	W5	23+97.39	38.70	B85
19+70.05	38.70	B30	24+00.84	38.70	W16
19+74.31	38.70	B31	24+10.47	38.70	W16
19+78.58	38.70	B32	24+13.92	38.70	B86
19+82.84	38.70	B33	24+17.93	38.70	B87
19+86.51	38.70	W6	24+21.94	38.70	B88
19+96.75	38.70	W6	24+25.95	38.70	B89
20+00.43	38.70	B34	24+29.40	38.70	W17
20+04.70	38.70	B35	24+39.02	38.70	W17
20+08.97	38.70	B36	24+42.47	38.70	B90
20+13.23	38.70	B37	24+46.48	38.70	B91
20+16.91	38.70	W7	24+50.49	38.70	B92
20+27.14	38.70	W7	24+54.51	38.70	B93
20+30.82	38.70	B38	24+57.96	38.70	W18
20+35.09	38.70	B39	24+67.58	38.70	W18
20+39.35	38.70	B40	24+71.03	38.70	B94
20+43.62	38.70	B41	24+75.04	38.70	B95
20+47.29	38.70	W8	24+79.05	38.70	B96
20+57.47	38.70	W8	24+83.06	38.70	B97
20+61.06	38.70	B42	24+86.51	38.70	W19
20+65.22	38.70	B43	24+96.14	38.70	W19
20+69.33	38.10	B44	24+99.72	38.70	B98
20+72.86	35.96	B45	25+03.89	38.70	B99
20+75.21	32.55	B46	25+08.06	38.70	B100
20+76.78	28.71	B47	25+12.22	38.81	B101
20+79.65	25.73	B48	25+16.33	39.56	B102
20+83.48	24.16	B49	25+20.31	40.67	B103
21+19.50	24.00	B50	25+24.09	42.42	B104
21+23.67	24.00	B51	25+27.59	44.67	B105
21+27.25	24.00	W9	25+30.74	47.39	B106
21+37.25	24.00	W9	25+33.49	50.52	B107
21+40.83	24.00	B52	25+35.78	54.00	B108
21+45.00	24.00	B53	25+37.56	57.76	B109
22+01.82	24.06	B54	25+38.81	61.73	B110
22+05.75	25.34	B55	25+39.49	65.84	B111
22+08.83	28.11	B56	25+39.60	70.00	B112
22+10.55	31.85	B57	25+39.41	74.22	B113
22+12.63	35.42	B58	25+39.22	78.38	B114

- NOTES:**
 1. WALL CONTROL IS MIDPOINT OF WALL NORTH AND SOUTH SIDE.
 2. BOLLARD CONTROL IS TO CENTER.



DEPARTMENT OF ENVIRONMENTAL SERVICES

Engineering & Capital Projects Division
 Engineering Bureau
 2100 Clarendon Boulevard, Suite 813
 Arlington, VA 22201
 Phone: 703.228.3629
 Fax: 703.228.3606



Approvals Date
 [Signature] 11/30/14
 DESIGN TEAM SUPERVISOR
 [Signature] 11/30/11
 ENGINEERING BUREAU CHIEF
 [Signature] 12/1/11
 WATER, SEWER STREETS BUREAU CHIEF
 [Signature] 12/1/11
 TRANSPORTATION DIRECTOR

Revisions Date

Project Name and Location
Pentagon City Multi-Modal
 Improvement Project
 South 15th Street to Army Navy Drive
 TSA & DEA Frontage Security Layout

Designed:
 Drawn:
 Checked:
 Miss Utility Transmittal #:
 Filename: SECURITY_SHEETS.dwg
 Path: Q:\Data\0065\design\Drawings
 Plotted: December 01, 2011
 Plotted by: Bolofson
 Scale: As Noted

Seal



Approvals Date

[Signature] 11/30/11

DESIGN TEAM SUPERVISOR

[Signature] 11/30/11

ENGINEERING BUREAU CHIEF

[Signature] 12/1/11

WATER, SEWER STREETS BUREAU CHIEF

[Signature] 12/1/11

TRANSPORTATION DIRECTOR

Revisions Date

Revisions	Date

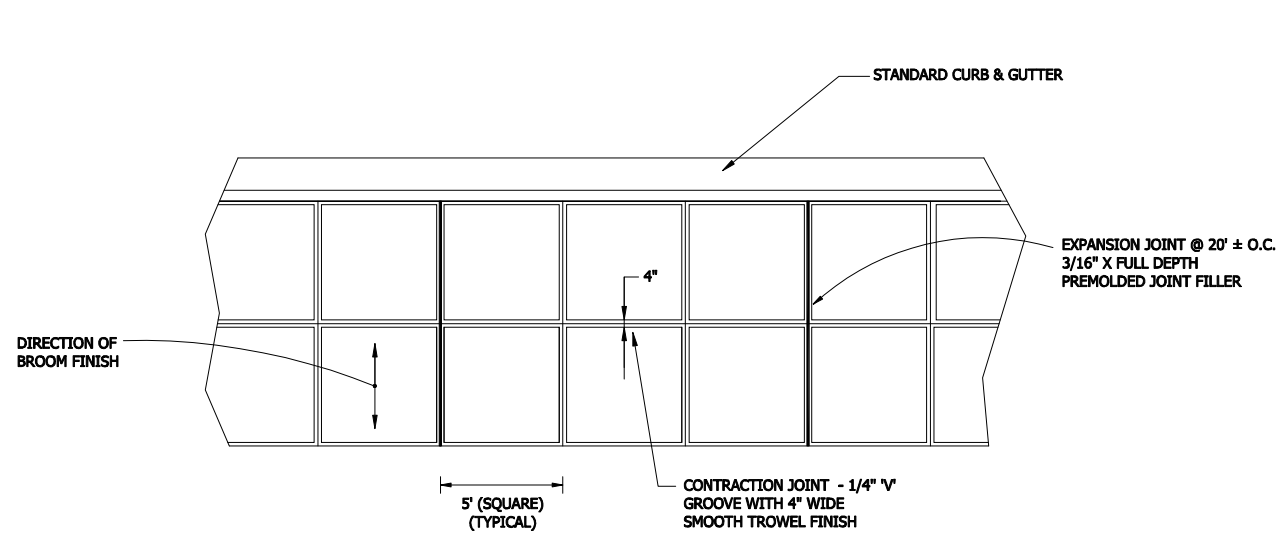
Project Name and Location
Pentagon City Multi-Modal

Improvement Project

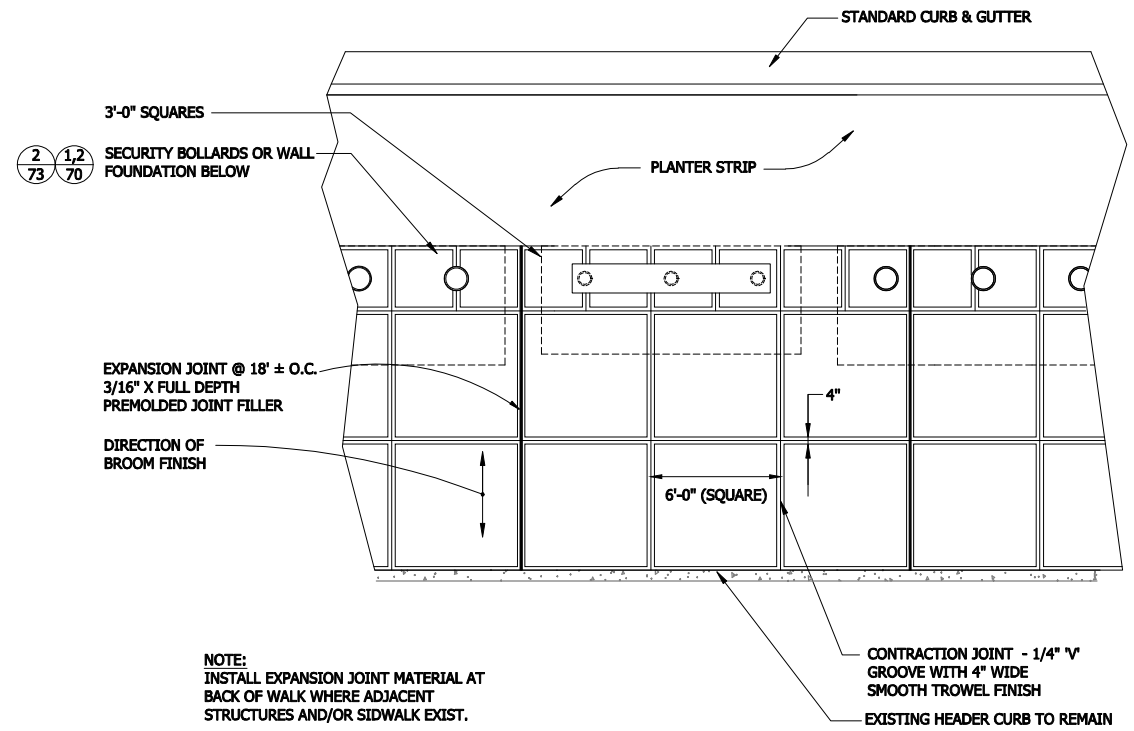
South 15th Street to Army Navy Drive
Street Details (1)

DWG6S

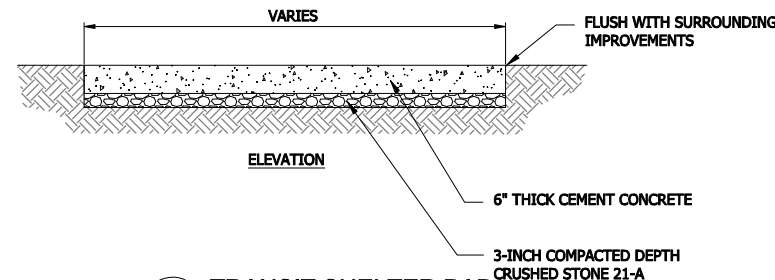
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Plotted by: Bolofson
Scale: As Noted



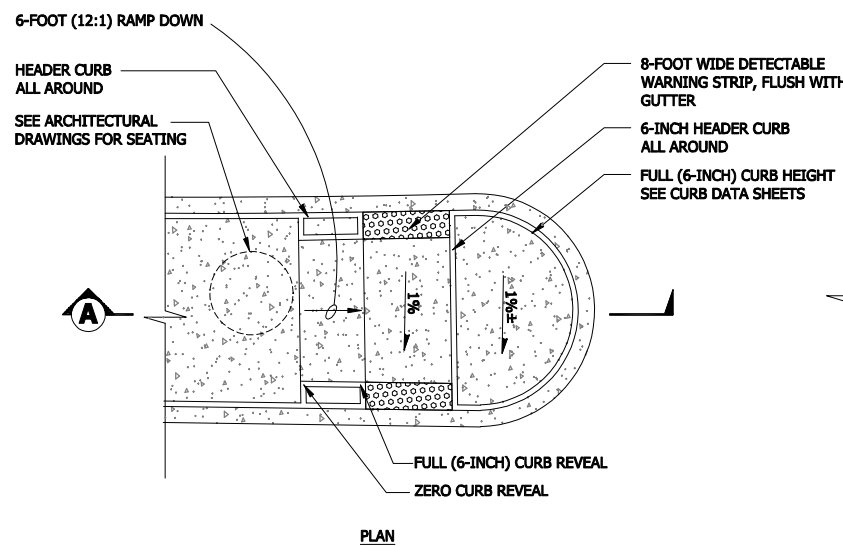
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VAR **MODIFIED SIDEWALK DETAIL TYPE 1**
NOT TO SCALE



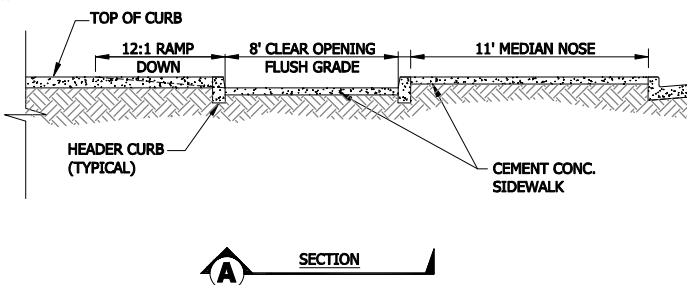
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VAR **MODIFIED SIDEWALK DETAIL TYPE 2**
NOT TO SCALE



3
17 **TRANSIT SHELTER PAD**
NOT TO SCALE



3
19 **SIDEWALK RAMP CG-12X**
NOT TO SCALE



A
SECTION

Seal

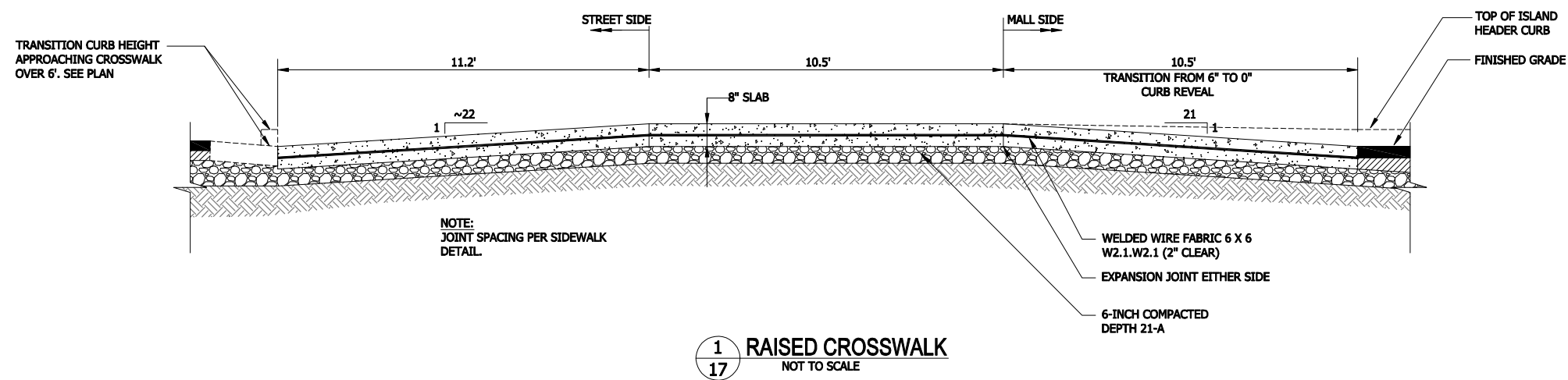


Approvals	Date
<i>[Signature]</i>	11/30/11
DESIGN TEAM SUPERVISOR	
<i>[Signature]</i>	11/30/11
ENGINEERING BUREAU CHIEF	
<i>[Signature]</i>	12/1/11
WATER, SEWER STREETS BUREAU CHIEF	
<i>[Signature]</i>	12/1/11
TRANSPORTATION DIRECTOR	

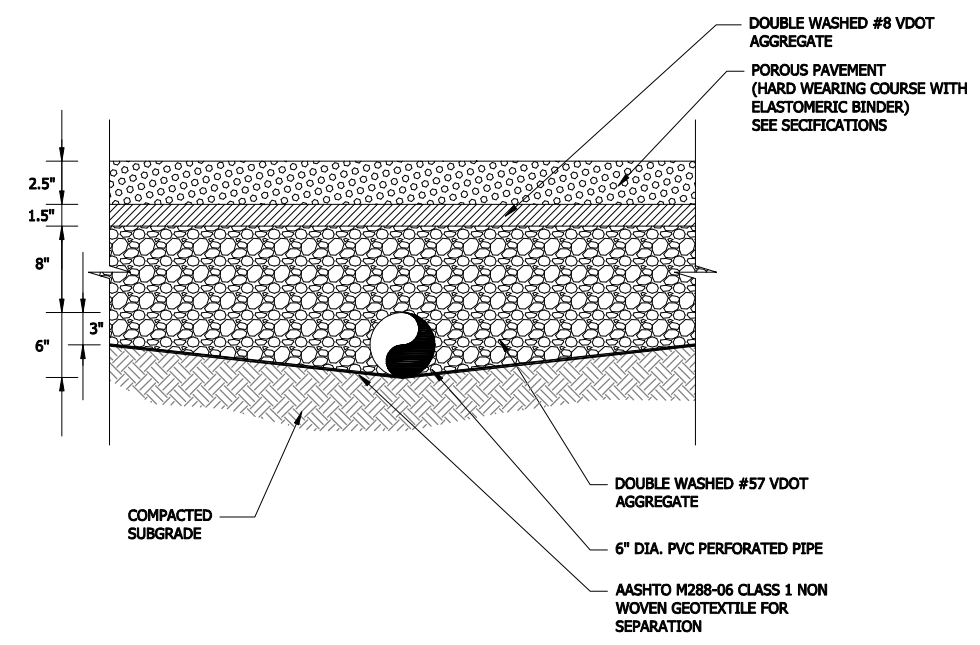
Revisions	Date

Project Name and Location
Pentagon City Multi-Modal
Improvement Project
South 15th Street to Army Navy Drive
Street Details (2)
D06S

Designed:
Drawn:
Checked:
Miss Utility Transmittal #:
Filename: DETAILS.dwg
Path: Q:\Data\D06S\design\Drawings
Plotted: December 01, 2011
Plotted by: Bolofson
Scale: As Noted



1 RAISED CROSSWALK
NOT TO SCALE



2 POROUS PAVEMENT SECTION
NOT TO SCALE

Seal



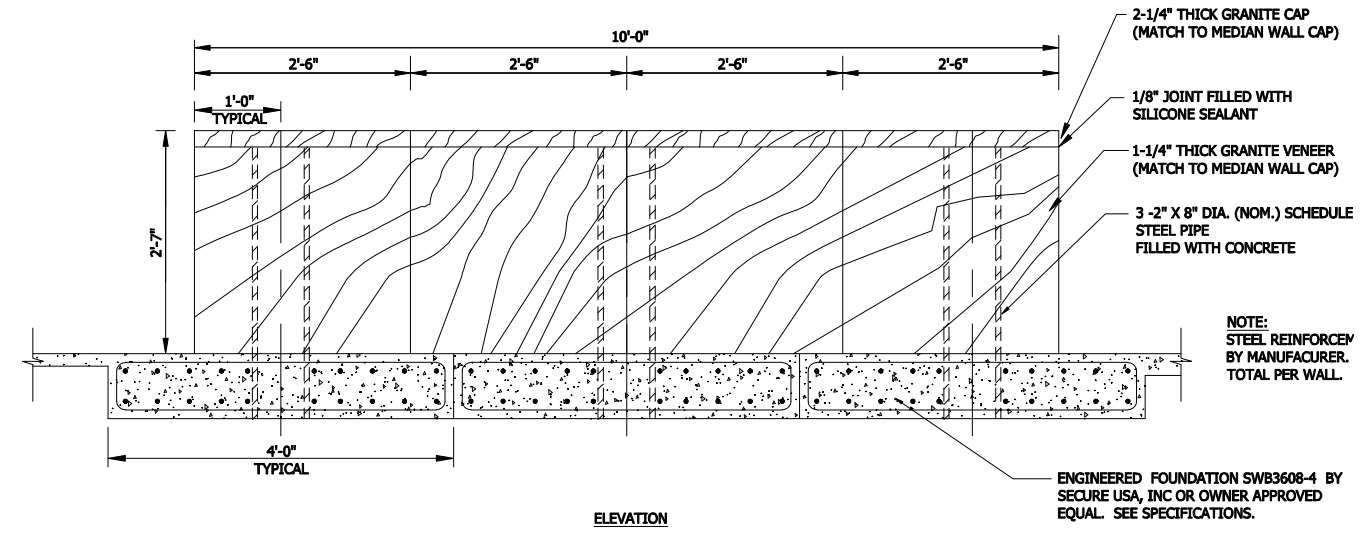
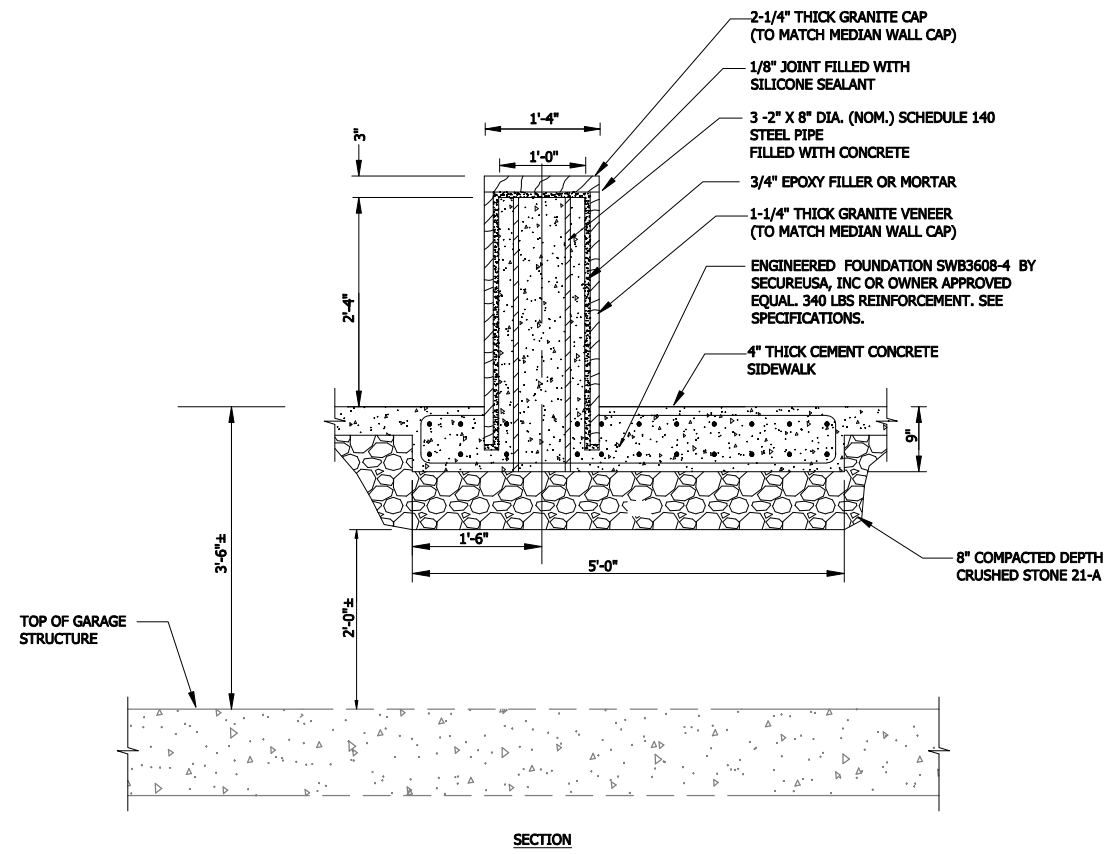
Approvals Date

<i>[Signature]</i>	11/30/11
DESIGN TEAM SUPERVISOR	
<i>[Signature]</i>	11/30/11
ENGINEERING BUREAU CHIEF	
<i>[Signature]</i>	12/1/11
WATER, SEWER STREETS BUREAU CHIEF	
<i>[Signature]</i>	12/1/11
TRANSPORTATION DIRECTOR	

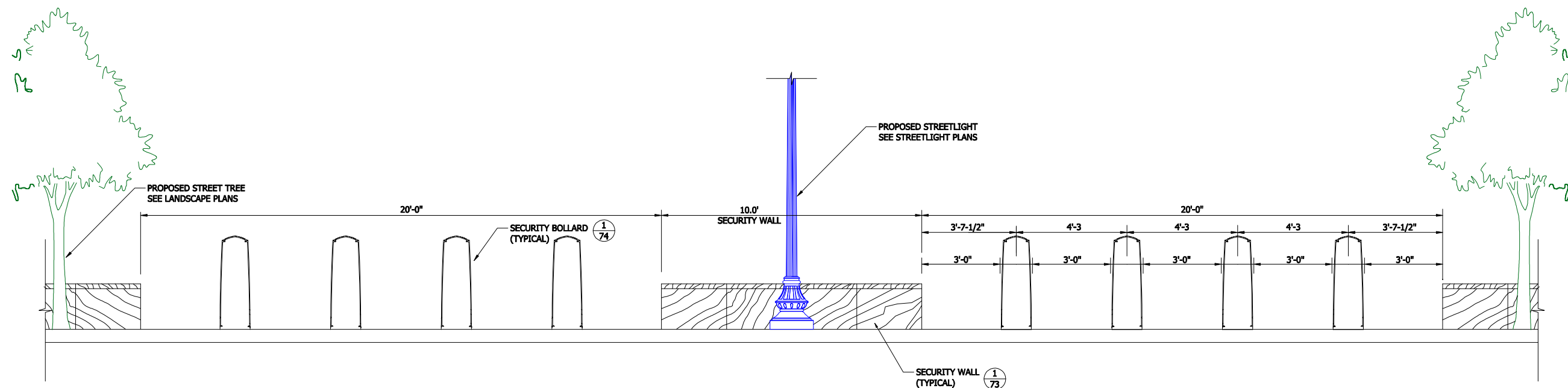
Revisions Date

Project Name and Location
Pentagon City Multi-Modal
Improvement Project
South 15th Street to Army Navy Drive
Street Details (3)
D06S

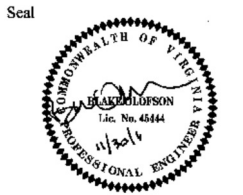
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Plotted: December 01, 2011
Plotted by: Bolofson
Scale: As Noted



1 GRANITE CLAD SECURITY WALL
NOT TO SCALE



2 TSA & DEA FRONTAGE ELEVATION
EAST SIDE S. HAYES ST. (12TH ST. S. TO ARMY NAVY DR.)
NOT TO SCALE

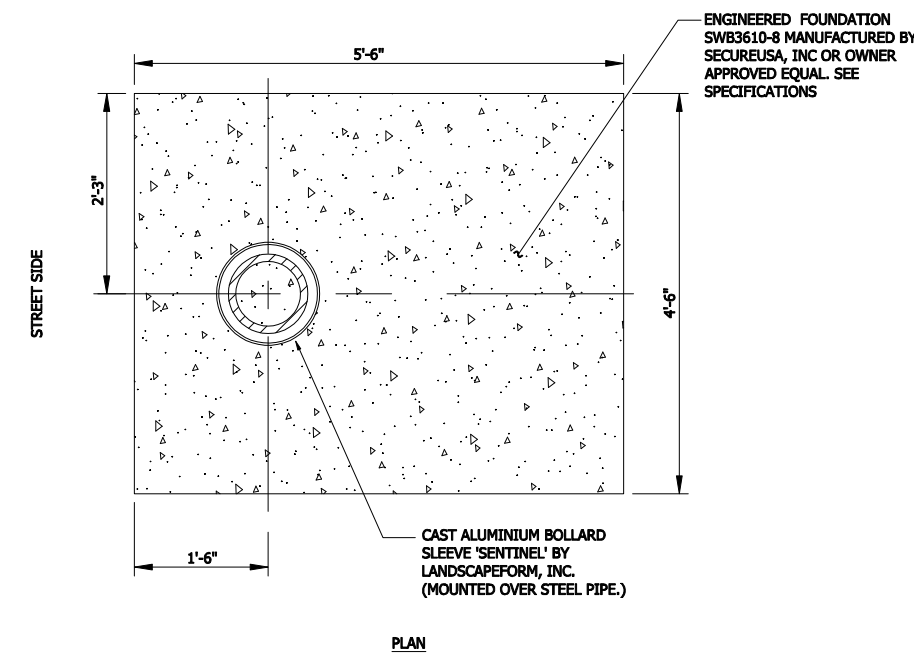
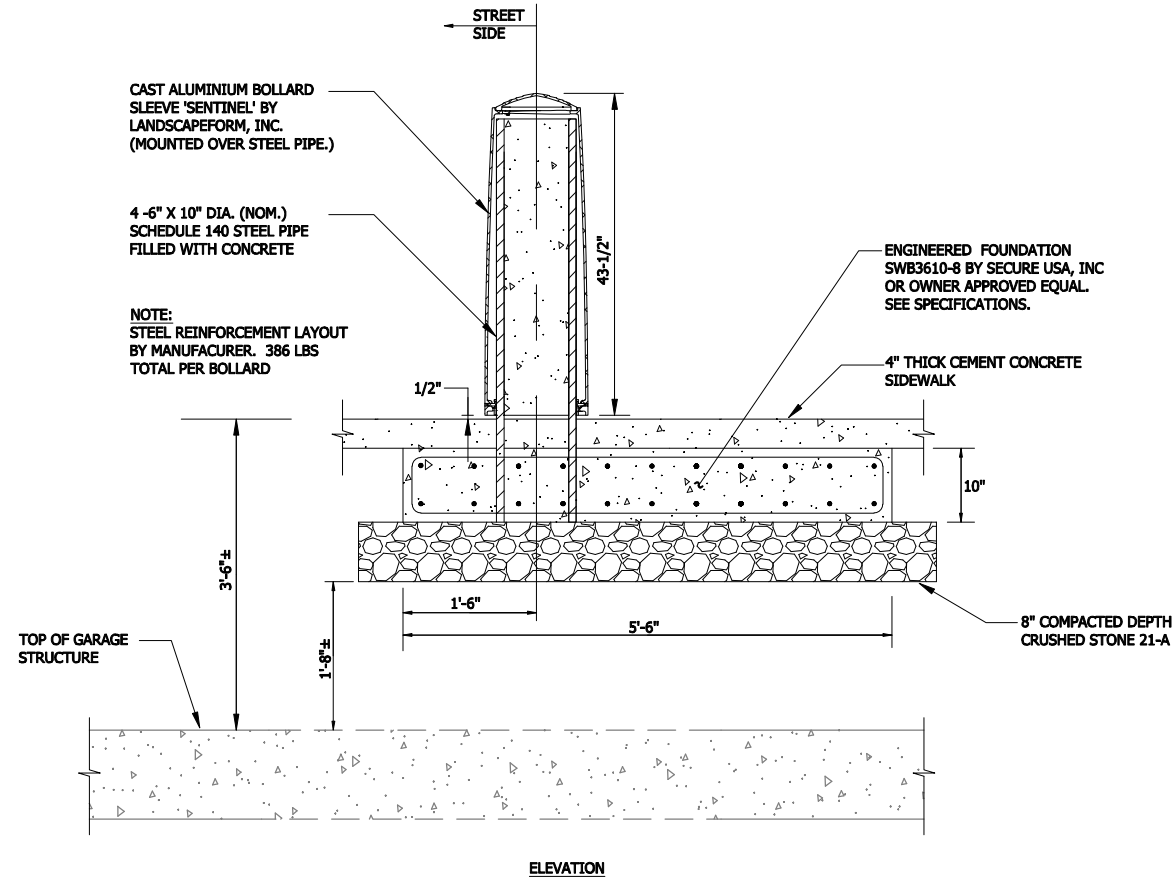


Approvals	Date
<i>[Signature]</i> DESIGN TEAM SUPERVISOR	11/30/11
<i>[Signature]</i> ENGINEERING BUREAU CHIEF	11/30/11
<i>[Signature]</i> WATER, SEWER STREETS BUREAU CHIEF	12/11/11
<i>[Signature]</i> TRANSPORTATION DIRECTOR	12/11/11

Revisions	Date

Project Name and Location
Pentagon City Multi-Modal
Improvement Project
South 15th Street to Army Navy Drive
Street Details (4)
D06S

Designed:
Drawn:
Checked:
Miss Utility Transmittal #:
Filename: DETAILS.dwg
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Plotted: December 01, 2011
Plotted by: Bolofson
Scale: As Noted



1 FIXED SECURITY BOLLARD
21 NOT TO SCALE

Seal

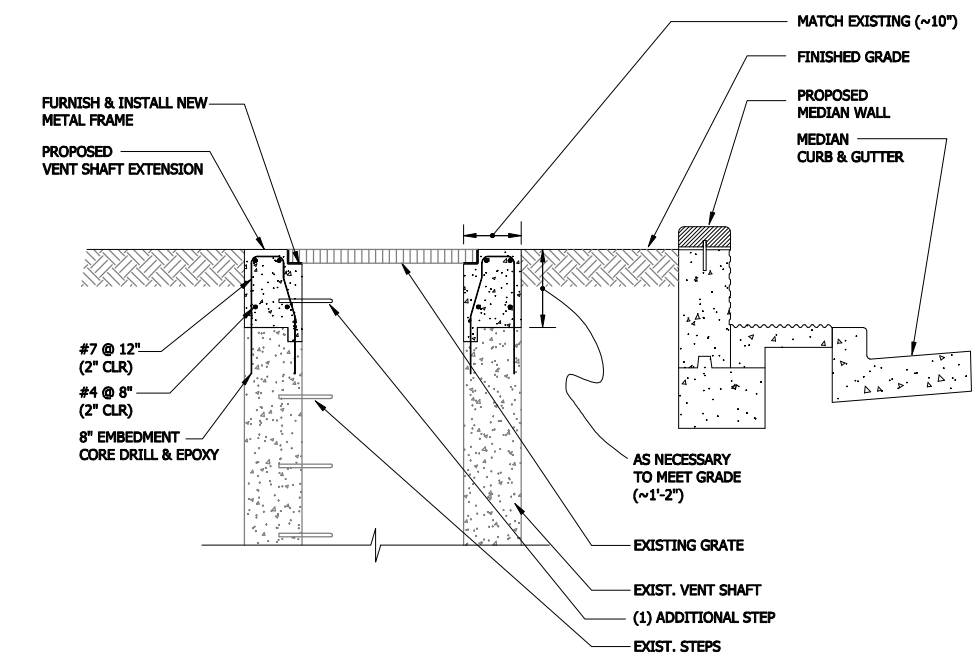
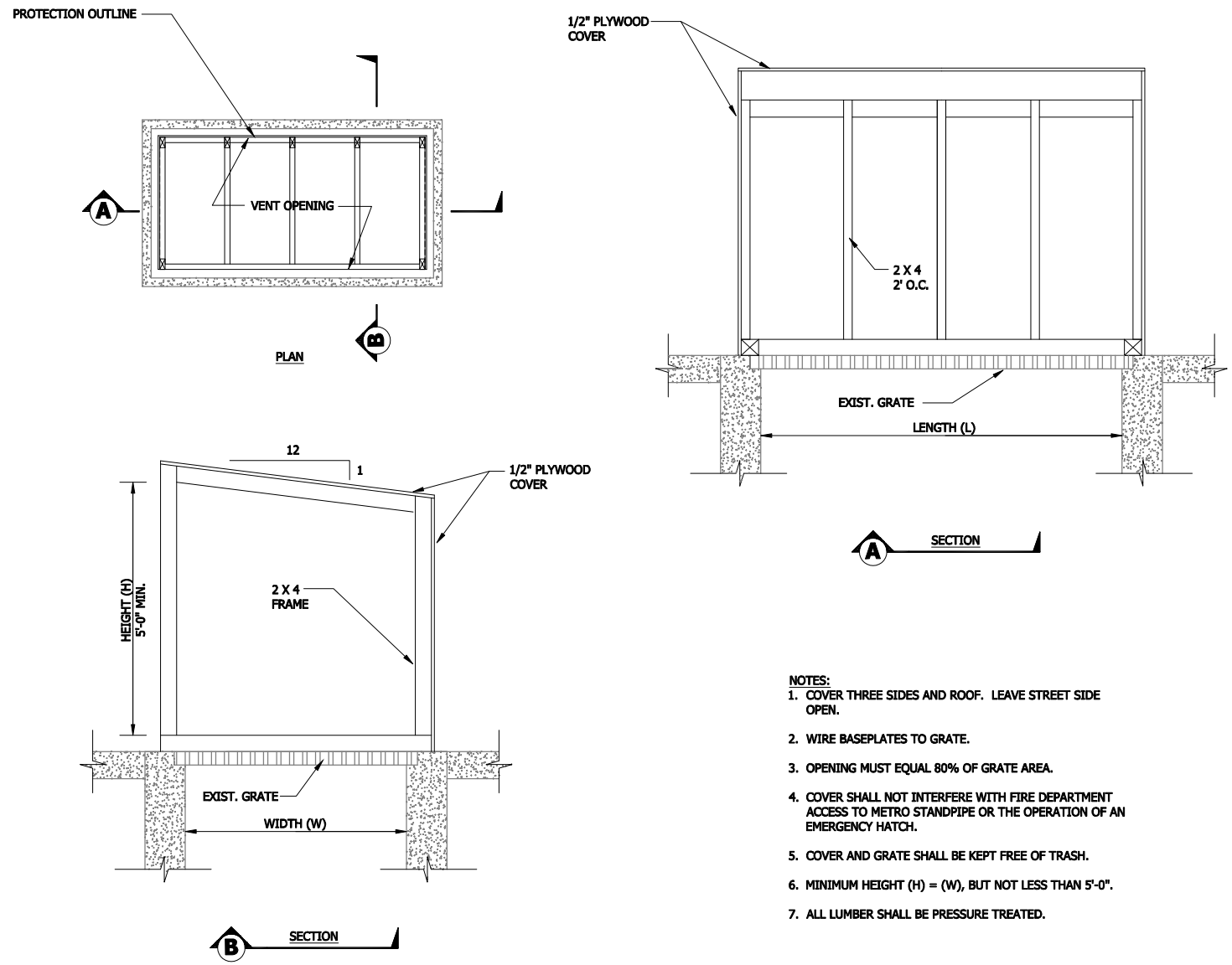


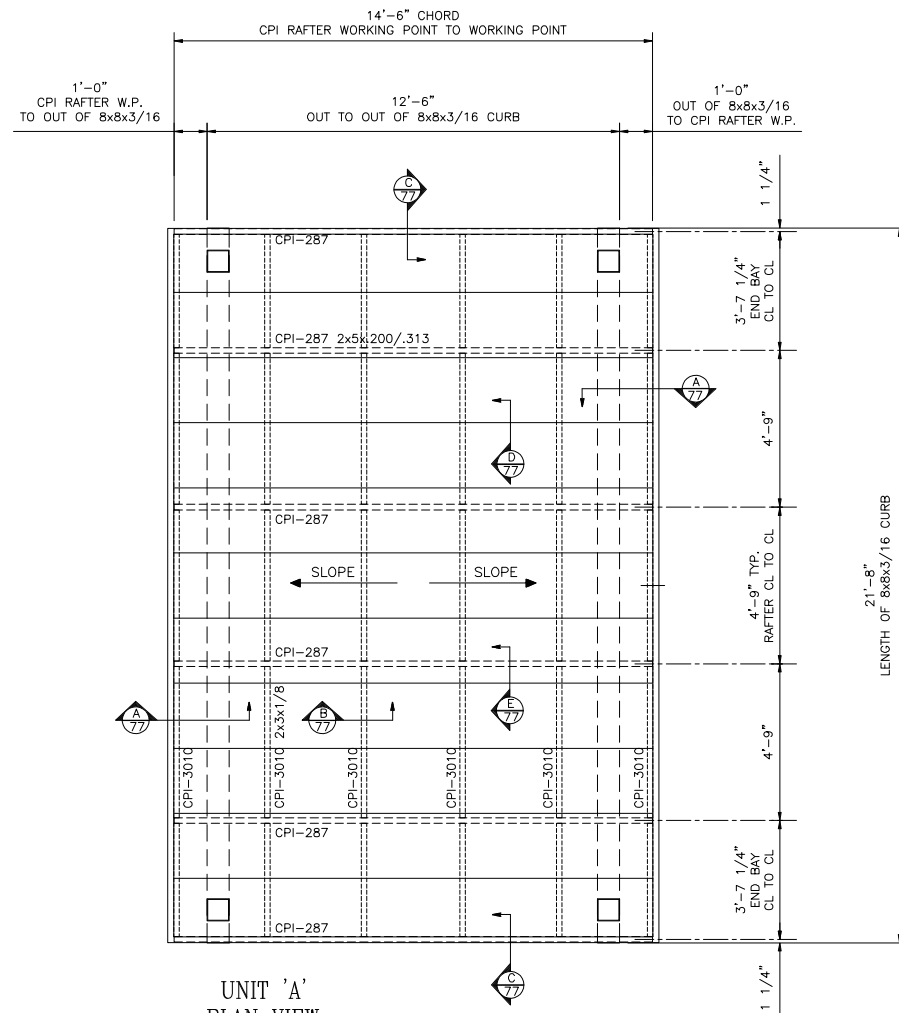
Approvals	Date
<i>[Signature]</i>	11/30/11
DESIGN TEAM SUPERVISOR	
<i>[Signature]</i>	11/30/11
ENGINEERING BUREAU CHIEF	
<i>[Signature]</i>	12/1/11
WATER, SEWER STREETS BUREAU CHIEF	
<i>[Signature]</i>	12/1/11
TRANSPORTATION DIRECTOR	

Revisions	Date

Project Name and Location
Pentagon City Multi-Modal
Improvement Project
South 15th Street to Army Navy Drive
Street Details (5)
D06S

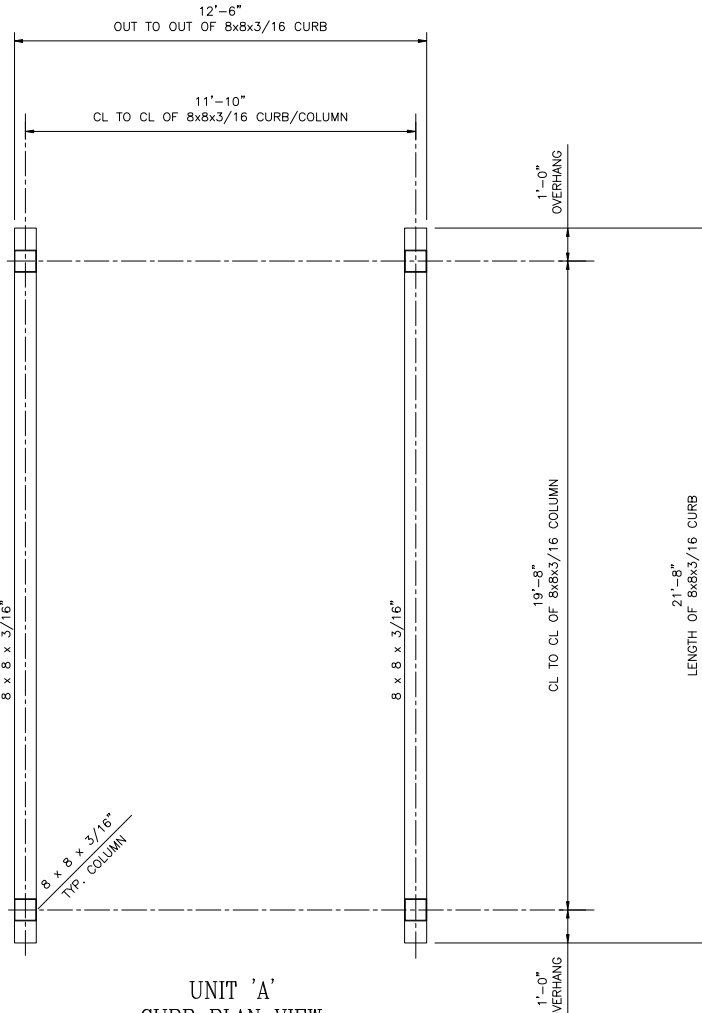
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Plotted by: Bolofson
Scale: As Noted





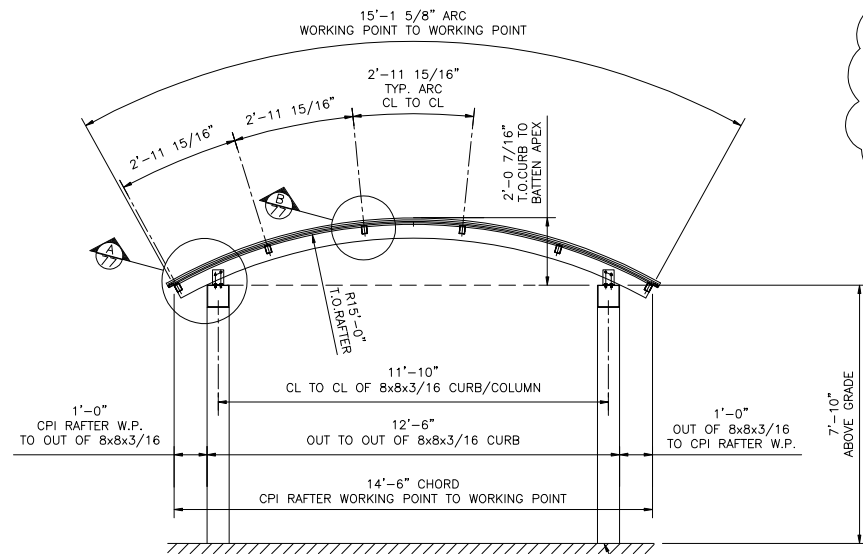
**UNIT 'A'
PLAN VIEW**

SCALE: 3/16" = 1'-0"
(1) UNIT REQUIRED
MATERIALS ONLY
SHIP KNOCKED DOWN



**UNIT 'A'
CURB PLAN VIEW**

SCALE: 3/16" = 1'-0"



**UNIT 'A'
PLAN VIEW**

SCALE: 3/16" = 1'-0"

ARCHITECT NOTE:
SO THAT WE MAY ACCURATELY PREPARE CERTIFIED STRUCTURAL CALCULATIONS FOR THIS PROJECT, WE WILL REQUIRE SUCH ITEMS AS THE UNIT HEIGHT OFF GRADE, SURROUNDING TALLER STRUCTURES WITHIN ABOUT 20 FEET OF THE UNIT, WITH THEIR ROOF CONFIGURATIONS (FLAT, SLOPED, ETC.) AND DESIGN LOADINGS.

GENERAL INSTALLATION NOTES:
PANEL EXPANSION TOLERANCE
POLYCARBONATE PANELS WILL EXPAND/CONTRACT APPROXIMATELY 1/4" FOR EVERY 10'-0" OF PANEL LENGTH OVER A 50 DEGREE TEMPERATURE CHANGE. BE SURE TO LEAVE THE APPROPRIATE GAP AT THE TOP END OF EACH PANEL TO ALLOW FOR THIS MOVEMENT. IF UNSURE WHAT GAP TO LEAVE, CONTACT THE FACTORY.
SEALANT
ALL METAL-TO-METAL JOINTS SHOULD BE BED IN A BEAD OF SEALANT. ALL PENETRATIONS OF SILLS AND/OR FLASHINGS SHOULD BE COMPLETELY SEALED. ALL FLASHING LAP JOINTS OR END COVERS MUST BE SEALED. ALL SILL FLASHING SHOULD BE END DAMMED AND SEALED TO PREVENT ANY WATER FROM BYPASSING THE FLASHING AND ENTERING ANY INTERIOR SPACES.
DRILL SHAVINGS
VACUUM OR BLOW AWAY ANY STEEL DRILL SHAVINGS IN ORDER TO AVOID FUTURE RUST STAINS.

DIMENSIONS VERIFICATION FORM

THE FINISH OPENING DIMENSIONS AND/OR ELEVATIONS INDICATED ON THESE CPI DRAWINGS HAVE BEEN VERIFIED AGAINST ACTUAL FIELD CONDITIONS OR OTHERWISE CONFIRMED TO BE ACCURATE. CPI IS HEREBY RELEASED TO BEGIN FABRICATION OF THE SKYLIGHT(S) FOR THIS PROJECT BASED UPON THE ABOVE INFORMATION AND/OR ANY CORRECTIONS LISTED UPON THESE DRAWINGS. IF DIMENSIONS ARE BEING GUARANTEED AS NOTED THE ACCEPTABLE TOLERANCE IS +/- 1/2", NON-CUMULATIVE, IN ALL DIMENSIONS. ANY VARIANCE BEYOND THIS WILL NOT BE THE RESPONSIBILITY OF CPI DAYLIGHTING, INC.

APPROVER SIGNATURE: _____
COMPANY NAME: _____
DATE: _____

PLEASE NOTE: THIS PROJECT WILL NOT BE INSERTED INTO THE SHOP PRODUCTION SCHEDULE UNTIL THIS FORM IS SIGNED AND RETURNED TO CPI DAYLIGHTING, INC.

GENERAL SPECIFICATIONS & NOTES

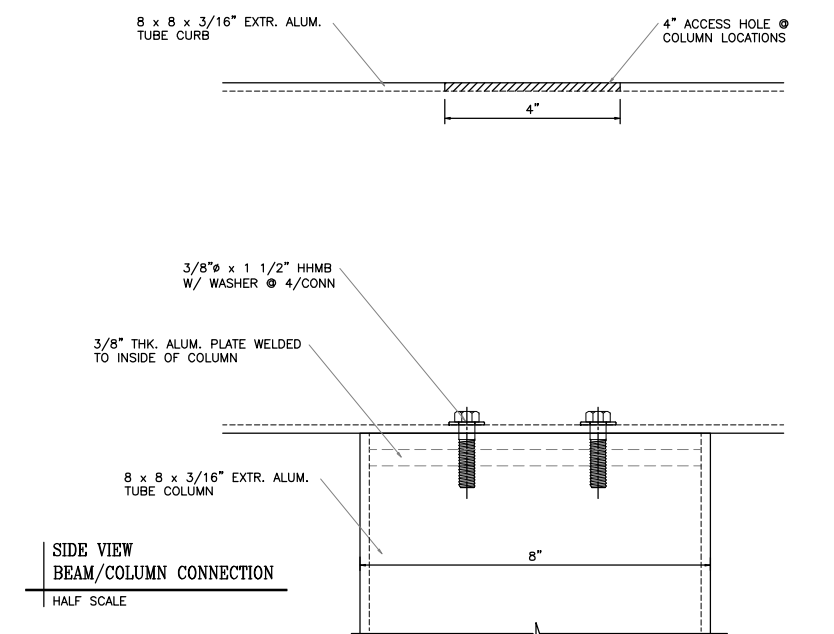
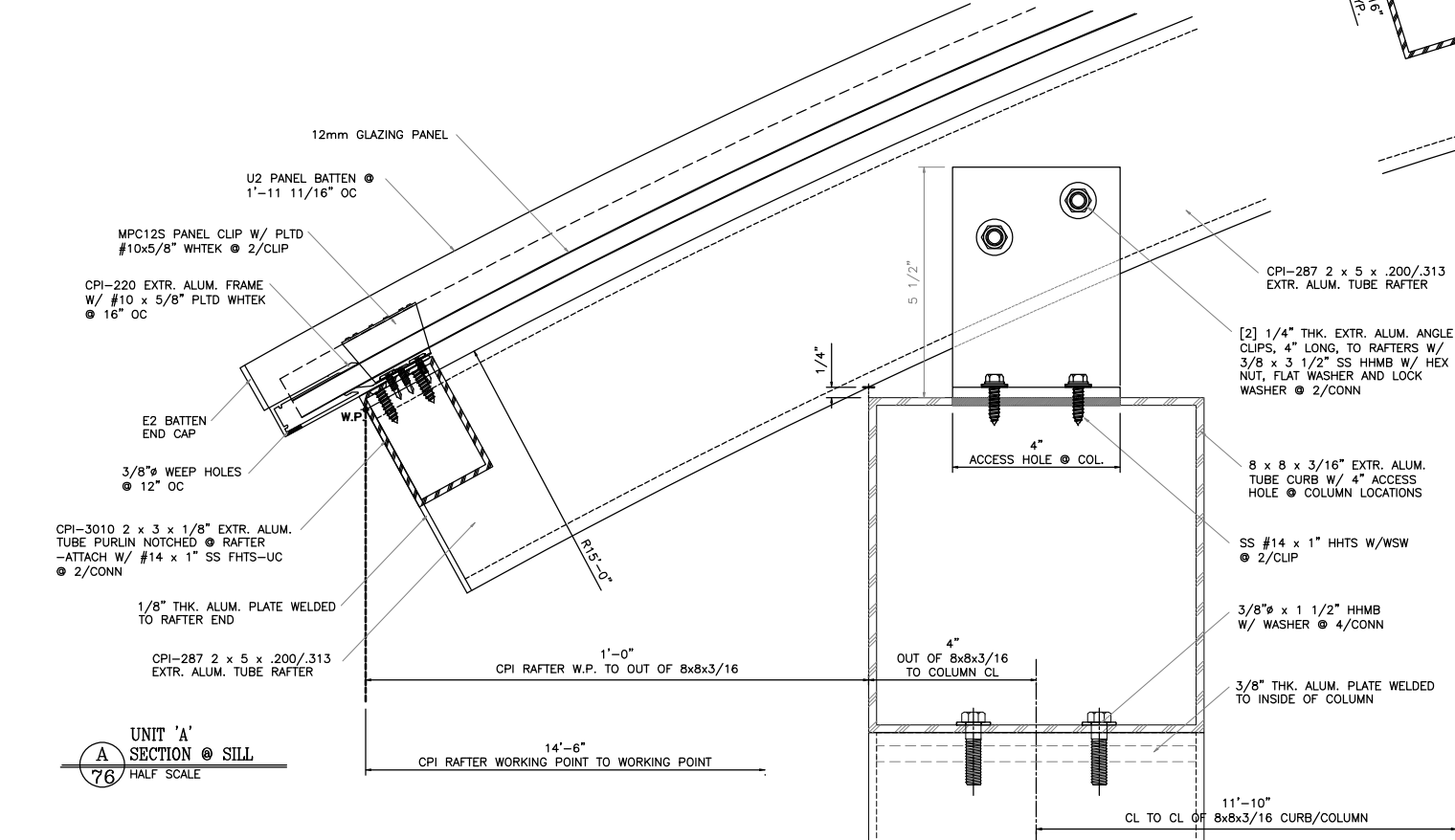
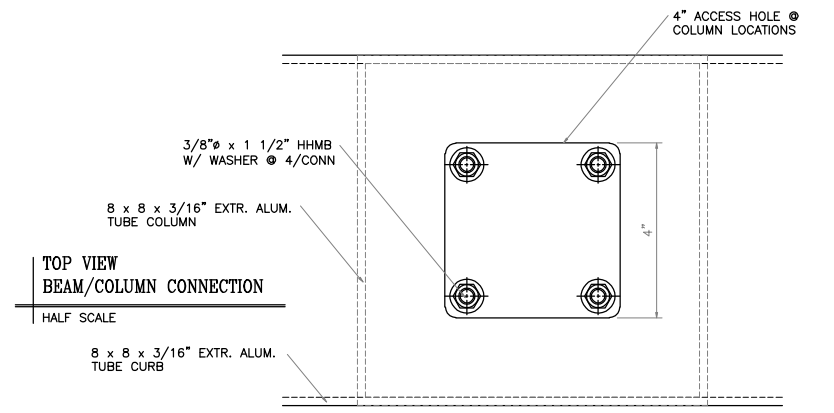
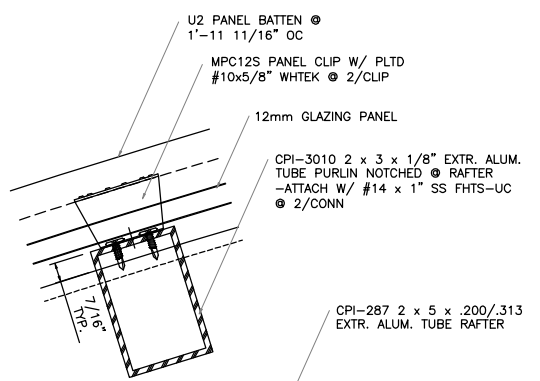
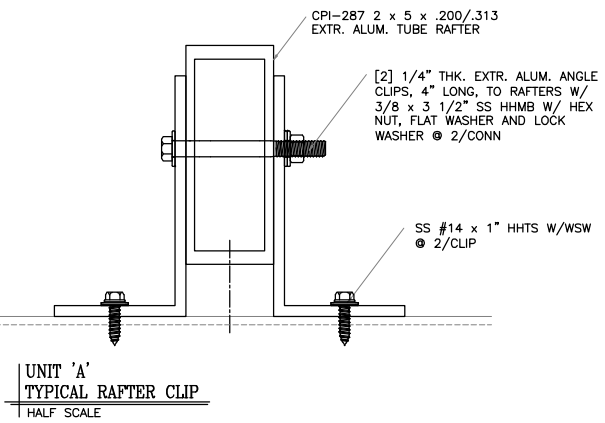
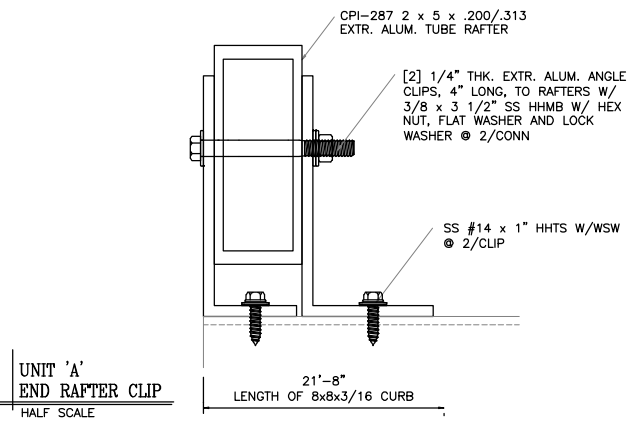
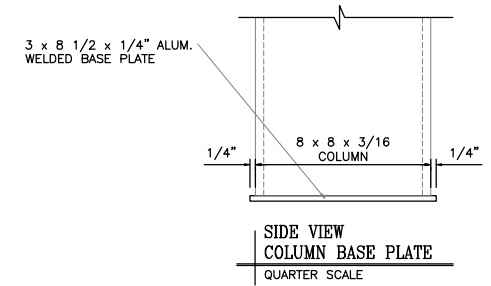
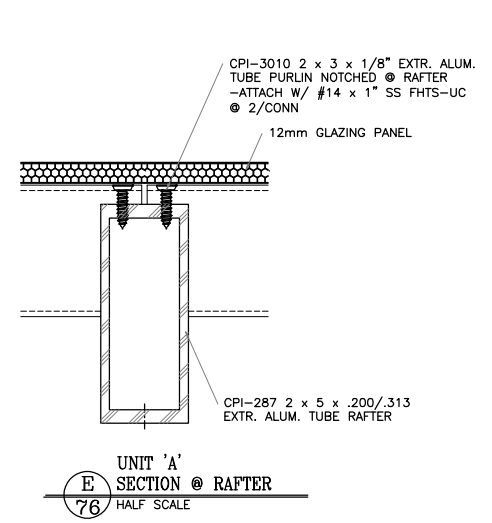
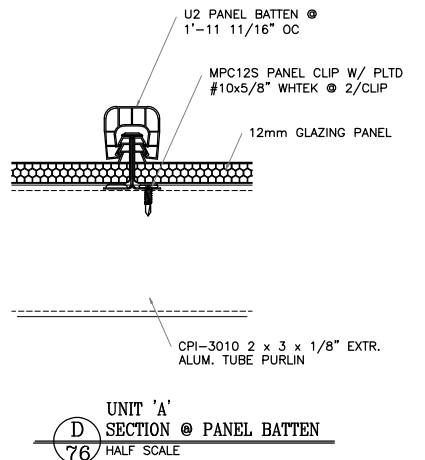
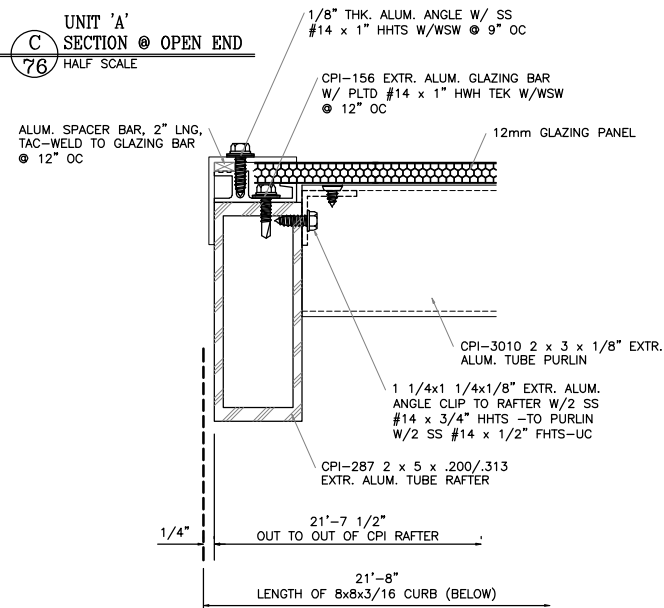
GLAZING: ALL GLAZING SHALL BE 12mm DANPALON IN THE PENTA GLAZE CONFIGURATION WITH A C01 FIRE RATING PER ASTM D635. AND CLASS A INTERIOR FLAME SPREAD PER ASTM E84 & UL723. GLAZING COLOR TO BE:
12mm EXTERIOR PANEL
 WHITE
 ICE WHITE
 CLEAR
 SPECIAL
APPROVER VERIFY

ALUMINUM: ALL EXPOSED EXTRUDED ALUMINUM FRAMING MEMBERS SHALL BE OF A 6063-T6 OR 6005-T5 ALLOY & TEMPER. FINISH TO BE:
70% KYNAR PAINT AMAA-2605 (2 COAT)
 BLACK
 QUAKER BRONZE
 BONE WHITE
 HARTFORD GREEN
APPROVER VERIFY

CONTRACTOR: INSTALLER TO ISOLATE DISSIMILAR METALS.
FASTENERS: SHALL BE OF NON-CORRODING MATERIALS; STAINLESS OR ZINC PLTD.
SEALANT: ONE (1) PART SILICONE SEALANT BY DOW CORNING SERIES #999 TO BE USED WHERE SHOWN.
APPROVAL: CPI DAYLIGHTING, INC. REQUIRES BOTH APPROVED SHOP DRAWINGS AND WRITTEN VERIFICATION OR FIELD MEASUREMENTS OF ALL OPENING DIMENSIONS PRIOR TO FABRICATION OF TRANSLUCENT SYSTEMS. PLEASE ALLOW A ± 172 WEEK LEAD TIME FROM OUR RECEIPT OF APPROVALS AND OPENING VERIFICATIONS TO DELIVERY OF SYSTEM.

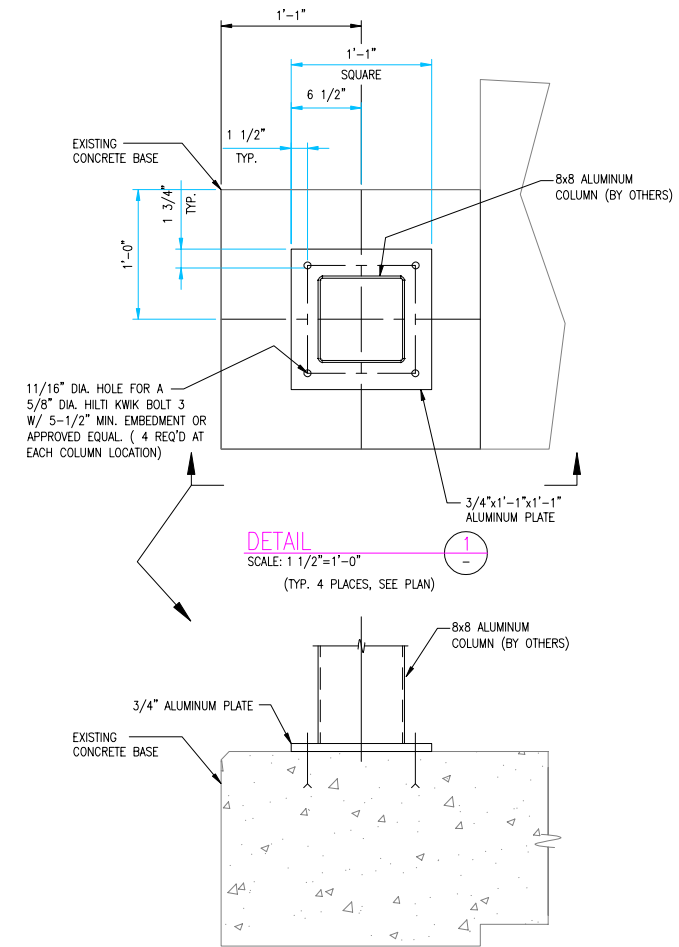
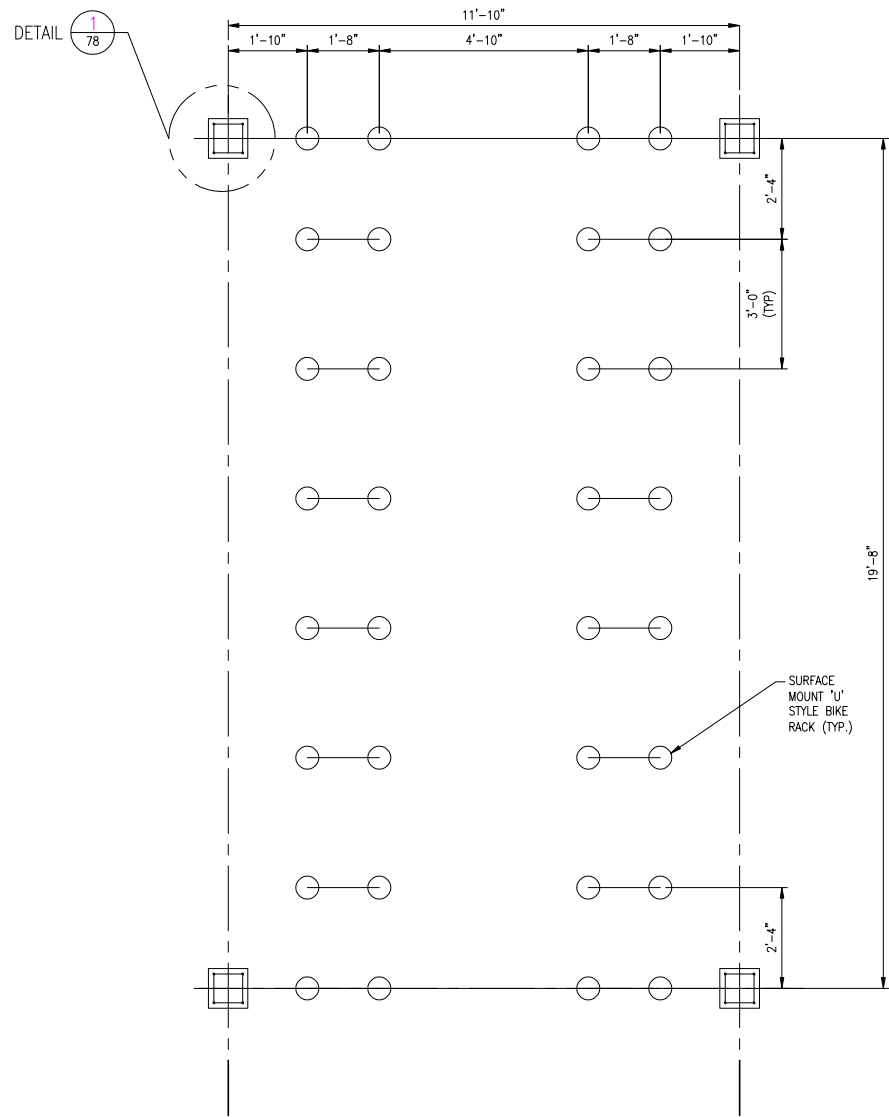
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DATE	
DESCRIPTION	
REV.	
 CPI DAYLIGHTING, INC. Quality Comes To Light 2882 N. BULLARD DR. - LAKE FOREST, IL 60046 - P(847) 816-1080 - F(847) 816-0425	
PROJECT:	PENTAGON BIKE ENCLOSURE
ARCHITECT:	NA
CUSTOMER:	TBD
GENERAL CONTRACTOR:	TBD
PHONE #:	TBD
PHONE #:	410-308-9978
PHONE #:	PLEASE ADVISE
ARLINGTON, VIRGINIA	
CONTRACT NO.	27332
REV.	VAR
DATE	10/2/08
PROJ. MGR.	JLS
DATE	
SHEET NO.	76 OF 135



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DATE	
DESCRIPTION	
REV.	
 CPI DAYLIGHTING, INC. Quality Comes To Light 2066 N. BALLARD DR. - LAKE FOREST, IL 60046 - (630) 816-1000 - (630) 816-0408	
PROJECT:	PENTAGON BIKE ENCLOSURE
ARCHITECT:	ARLINGTON, VIRGINIA
CUSTOMER:	TBD
GENERAL CONTRACTOR:	PLEASE ADVISE
CONTRACT NO.:	27332
REV.:	
DRAWN BY:	VAR
DATE:	10/2/08
PROJ. MGR.:	JLS
DATE:	
SHEET NO.:	77 OF 135



Seal



Approvals	Date
<i>[Signature]</i> DESIGN TEAM SUPERVISOR	11/30/11
<i>[Signature]</i> ENGINEERING BUREAU CHIEF	11/30/11
<i>[Signature]</i> WATER, SEWER STREETS BUREAU CHIEF	12/1/11
<i>[Signature]</i> TRANSPORTATION DIRECTOR	12/1/11

Revisions	Date

Project Name and Location

Pentagon City Multi-Modal

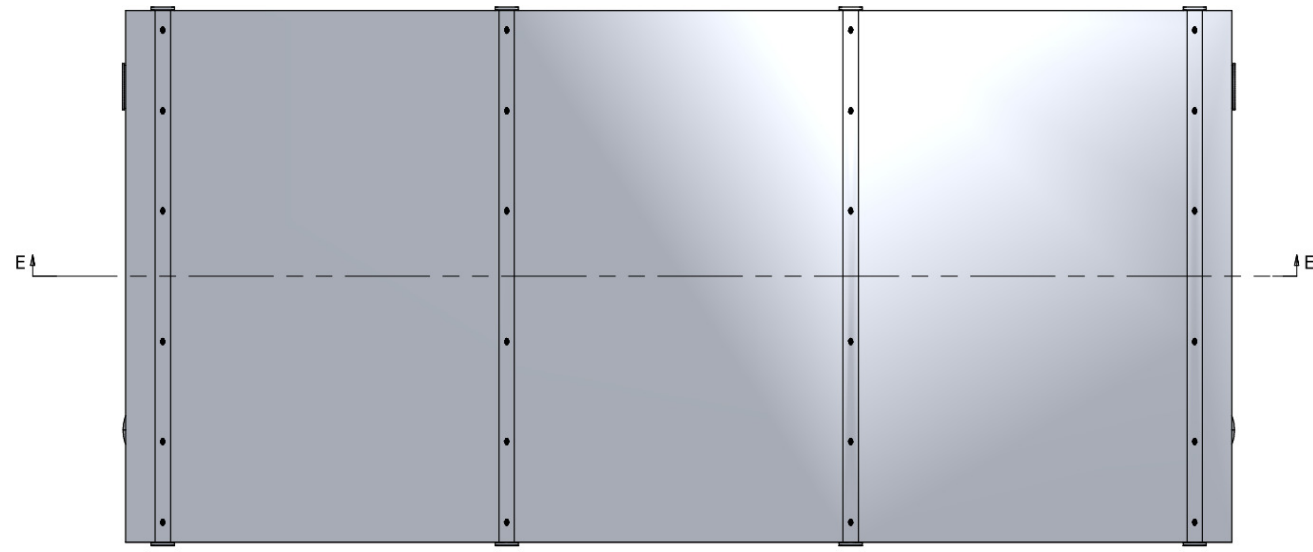
Improvement Project

South 15th Street to Army Navy Drive

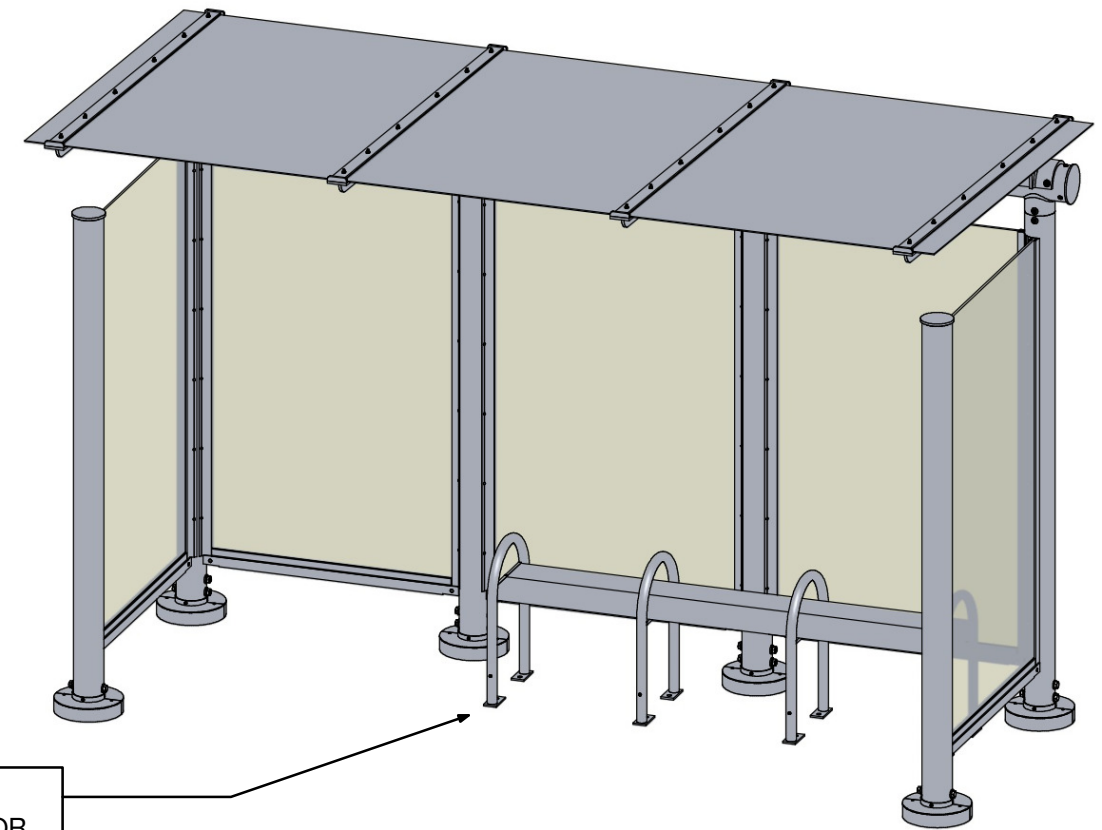
Bike Enclosure (3)

DWG6S

Designed:
Drawn:
Checked:
Miss Utility Transmittal #:
Filename: BIKE SHELTER_3.dwg
Path: Q:\Data\DWG6S\design\Drawings
Plotted: December 01, 2011
Plotted by: Bolofson
Scale: As Noted

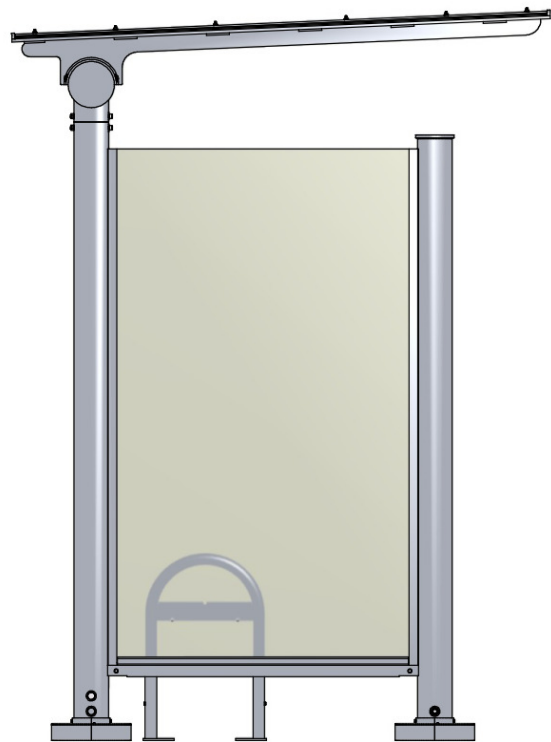


TOP ELEVATION

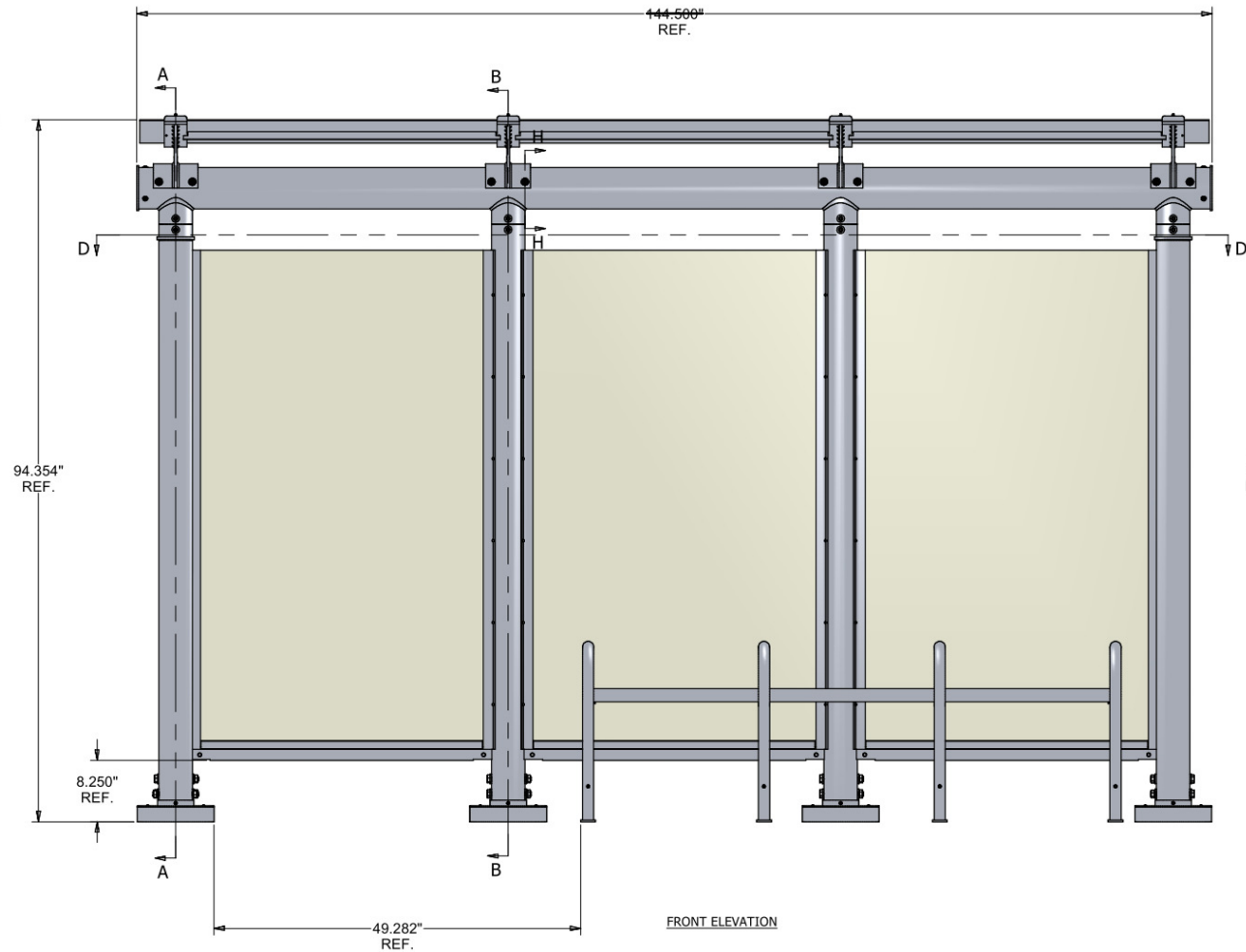


BENCH SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. SEE SPECIFICATIONS FOR ACTUAL BENCH TYPE AND DIMENSIONS

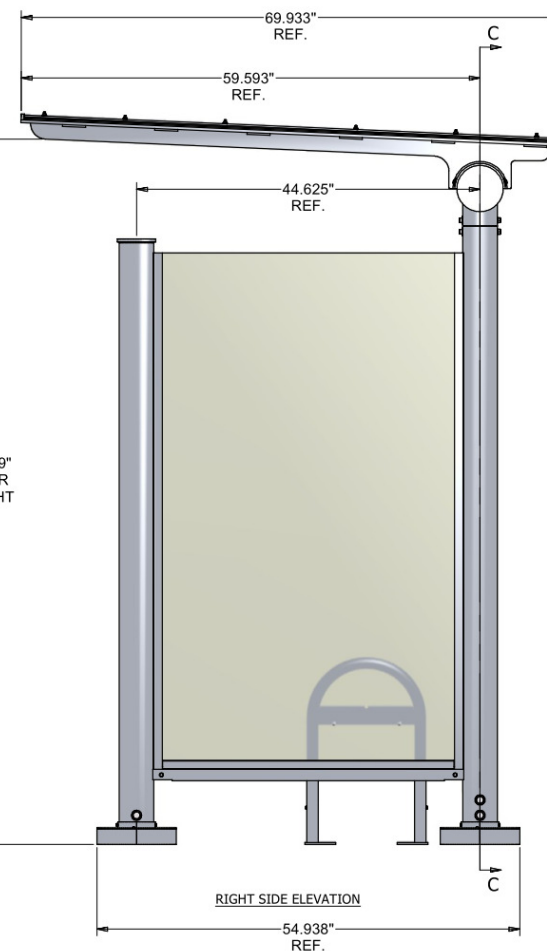
SEE PLANS



LEFT SIDE ELEVATION



FRONT ELEVATION



RIGHT SIDE ELEVATION

BRASCO INTERNATIONAL, INC.
 32400 INDUSTRIAL DRIVE
 MADISON HEIGHTS, MICHIGAN 48071
 1-800-893-3665 WWW.BRASCO.COM

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LEAD TIME BEGINS UPON RECEIPT OF SIGNED APPROVAL.

SIGNED: _____ DATE: _____

SPECIFICATIONS:
 ALUMINUM STRUCTURE (RAL 9006 WHITE ALUMINUM)
 3/8" CLEAR GLASS
 ALUMINUM SHEET FLAT ROOF (RAL 9006 WHITE ALUMINUM)
 1-6' CURVELINE BENCH



BRASCO INTERNATIONAL, INC.
 1000 MT. ELLIOTT
 DETROIT, MICHIGAN 48207
 1-800-893-3665 WWW.BRASCO.COM

CUSTOMER:	ARLINGTON COUNTY	DESIGNER:	BMB
PROJECT:	TRANSIT SHELTER	DATE:	3/8/11
MODEL:	CS512	JOB #	1680
		SHEET	79

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