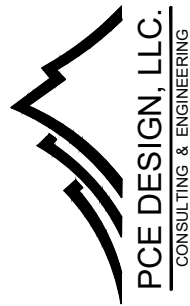


PRODUCT DEVELOPMENT

SERIES 3580 CURTAIN WALL

PRODUCT APPROVAL DRAWINGS



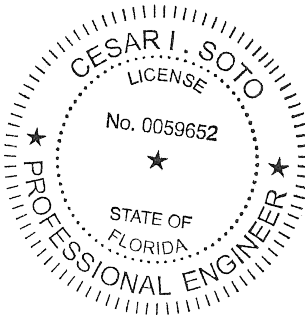
6135 NW 167th St. STE E-1
Miami Gardends, FL 33015
Ph. (305) 698-0550

SERIES 3580
CURTAIN WALL
L.M.I. & S.M.I

RC BES WINDOWS LLC
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OPA-LOCKA, FL 33054
Ph. 305-203-0780
Contact@BESmiami.com

24-0197P.13

REVISIONS:			
No.	Date:	By:	Description
DATE:		DRAWN BY:	
July 18th,2024		A0	
CHECK BY		SCALE:	
		N.T.S.	
SHEET:		SHEET NO.	
00 41		COVER	



Digitally signed by Cesar I Soto
Contact Info: PE #59652
cesar.soto@paramountce.com
Date: 2025.01.28 15:39:44-05'00'

CONTACT: (305)698-0550 OR (786)877-2699

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY CESAR I. SOTO P.E. ON THE DATE ADJACENT TO THE SEAL.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNAURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

01/28/2025

GENERAL NOTES

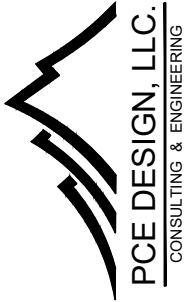
- A. THE PRODUCT SHOWN HEREIN IS DESIGNED AND TESTED TO COMPLY WITH THE FLORIDA BUILDING CODE 8TH EDITION 2023 (FBC 2023), INCLUDING HVHZ (HIGH VELOCITY HURRICANE ZONE)
- B. ADEQUACY OF THE EXISTING STRUCTURAL SUBSTRATE (METAL, CONCRETE, MASONRY, WOOD, ETC) NEEDS TO BE ABLE TO WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- C. WOODBUCKS EITHER 1BY OR 2BY (OPTIONAL) NEED TO BE DESIGNED AND SPECIFIED BY THE ARCHITECT OF RECORD OR THE ENGINEER OF RECORD AND NEED TO BE ABLE TO WITHSTAND ALL THE TRANSFERRED LOADS FROM THE GLAZING PRODUCT CORRECTLY.
- D. ALL ANCHORS NEED TO BE CORROSION RESISTANT, SEE PRODUCT APPROVAL FOR SPECIFIED ANCHORS REQUIRED.
- E. ALL DESIGN LOADS SHOWN IN APPROVAL ARE BASED ON ASD (ALLOWABLE STRESS DESIGN), TO GET ULTIMATE LOADS ASD LOADS NEED TO BE MULTIPLIED BY A FACTOR MULTIPLIER OF 1.6
- F. FINAL PRODUCT NEED TO HAVE LABEL.
- G. THESE GLAZING PRODUCTS ARE RATED FOR LARGE MISSILE IMPACT (L.M.I.) & SMALL MISSILE IMPACT (S.M.I.)
- H. ALL SITE SPECIFIC CONDITIONS IN ANY PROJECT NEEDS TO BE PROCURED BY A LICENSED REGISTERED ENGINEERED OR ARCHITECT.
- I. WHEN USING THIS PRODUCT, SHUTTERS ARE NOT NECESSARY.
- J. SHIMS THAT ARE USED WITH THIS SYSTEM NEED TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.
- K. THIS PRODUCT APPROVAL COMPLIES WITH ALL WATER INFILTRATION REQUIREMENTS FOR IMPACT AND HVHZ SYSTEMS
- L. MANUFACTURER NEEDS TO SHOW PRODUCT LABEL IN ALL MANUFACTURED SYSTEMS.

MAXIMUM DESIGN LOADS

- A. SHEETS 5, 6 & 7 CONTAINS THE MAXIMUM ALLOWABLE DESIGN LOAD CAPACITY FOR GLAZING TYPES A, B, C, D, E & F. THIS SHEET SHOWS THE MAXIMUM ALLOWABLE DESIGN PRESSURE.
- B. SHEETS 9, 10 & 11 CONTAINS THE MAXIMUM ALLOWABLE DESIGN LOAD CAPACITY FOR MULLIONS WITH AND WITHOUT THE INTERMEDIATE HORIZONTAL.
- C. ANCHORS SPACING ARE SHOWN IN ALL GLAZING ELEVATIONS.
- D. ANCHOR TYPES ARE SHOWN ON SHEET 8. THIS SHEET SHOWS THE EDGE DISTANCE, EMBEDMENT, TYPE OF ANCHOR, AND ALL REQUIREMENTS ANCHORES NEED TO COMPLY WITH THESE SPECIFICATIONS

GLASS DESIGN NOTES

- A. ALL GLASS CAPACITIES ON THIS APPROVAL ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS)
- B. ALL GLASS SHOWN ON THIS APPROVAL HAS BEEN TESTED FOR LMI AND HVHZ REQUIREMENTS.
- C. ALL SETTING BLOCKS FOR THE GLASS TO BE LOCATED AT 25% OF THE SPAN WIDTH FOR GLASS WIDER THAN 36” AS PER FBC CHAPTER 24
- D. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24
- E. GLASS TYPE SHALL COMPLY WITH APPLICABLE GLAZING REQUIREMENTS PER CHAPTER 24 OF THE FBC.



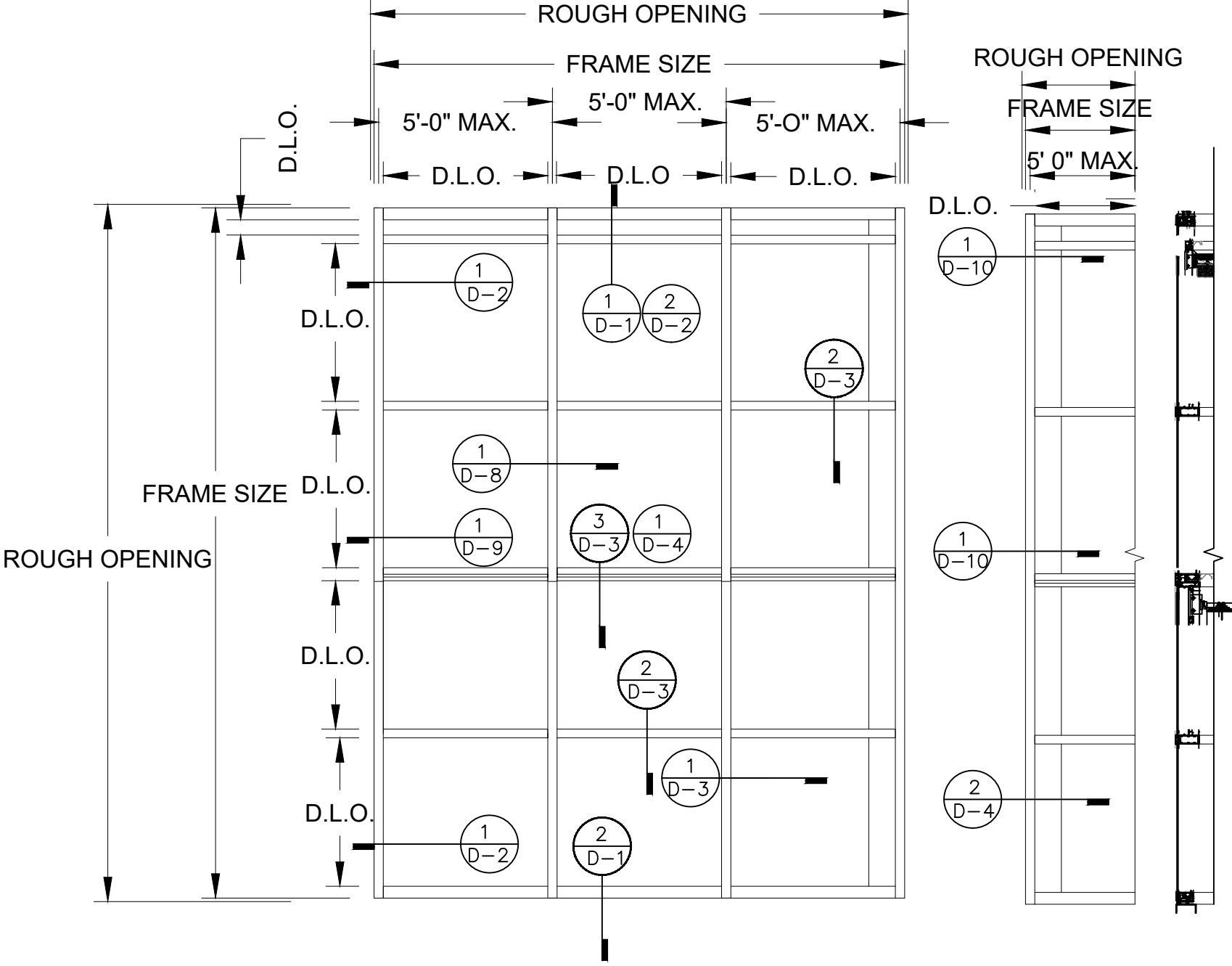
6135 NW 167th St. STE E-1
Miami Gardends, FL 33015
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SERIES 3580
CURTAIN WALL
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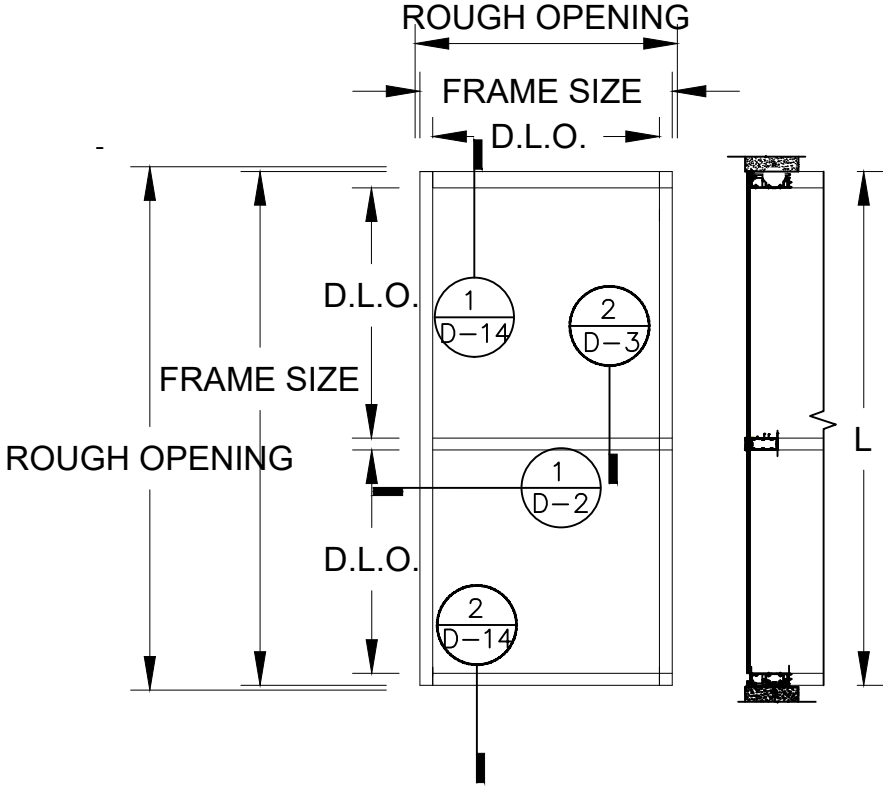
REVISIONS:			
No.	Date:	By:	Description
DATE: July 18th,2024		DRAWN BY: A0	
CHECK BY		SCALE: N.T.S.	
SHEET:		SHEET NO.	
Of 41		P-1	



GLASS TYPES A & B

TYPICAL ELEVATION MULTI SPAN

SPAN (L): 12'-10" MAX



TYPICAL ELEVATION SINGLE SPAN



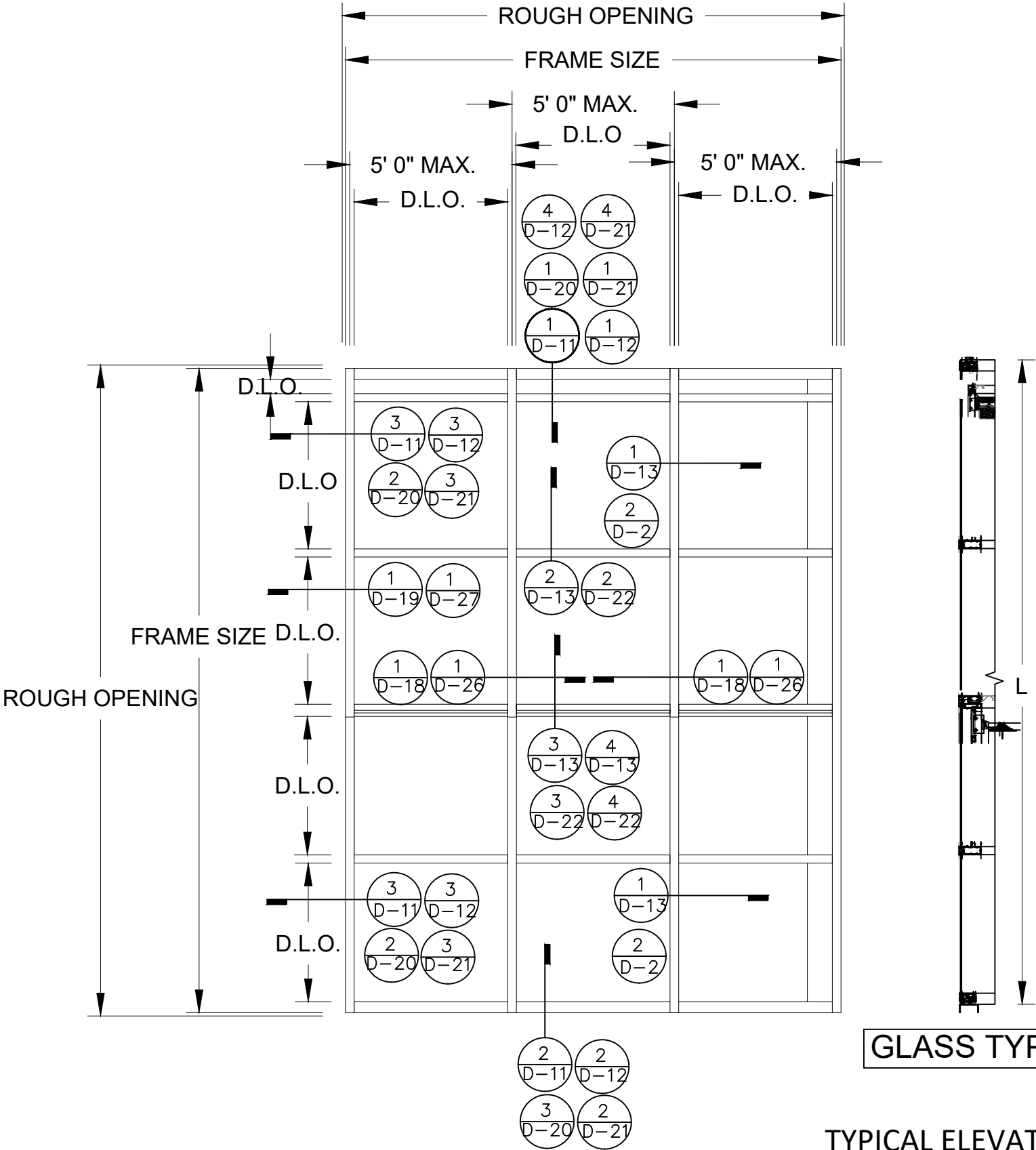
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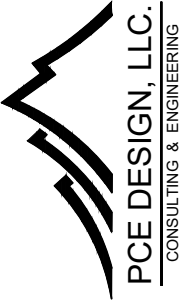
24-0197P.13

REVISIONS:			
No.	Date:	By:	Description
DATE: July 18th,2024		DRAWN BY: AO	
CHECK BY:		SCALE: 1/4" = 1'-0"	
SHEET:		SHEET NO.	
Q& 41		WE-1	



TYPICAL ELEVATION MULTI SPAN

SPAN (L): 12'-10" MAX



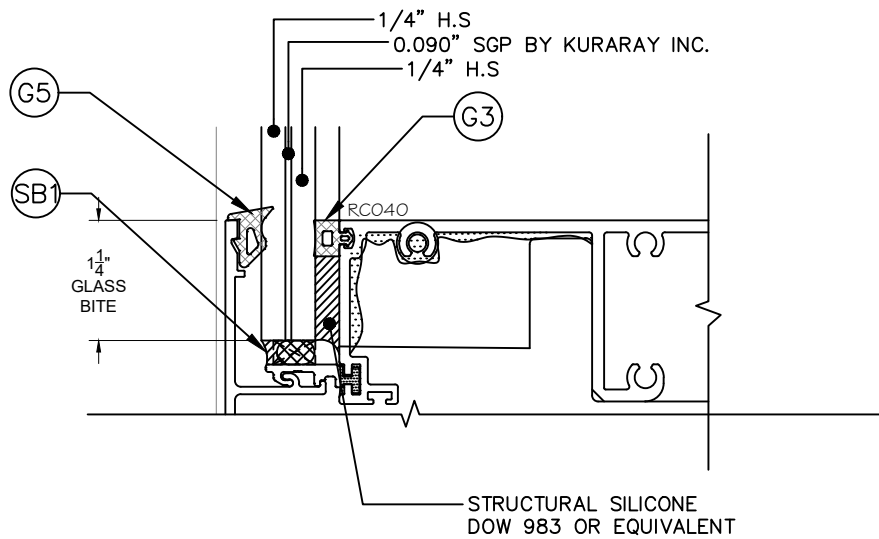
6135 NW 167th St. STE E-1
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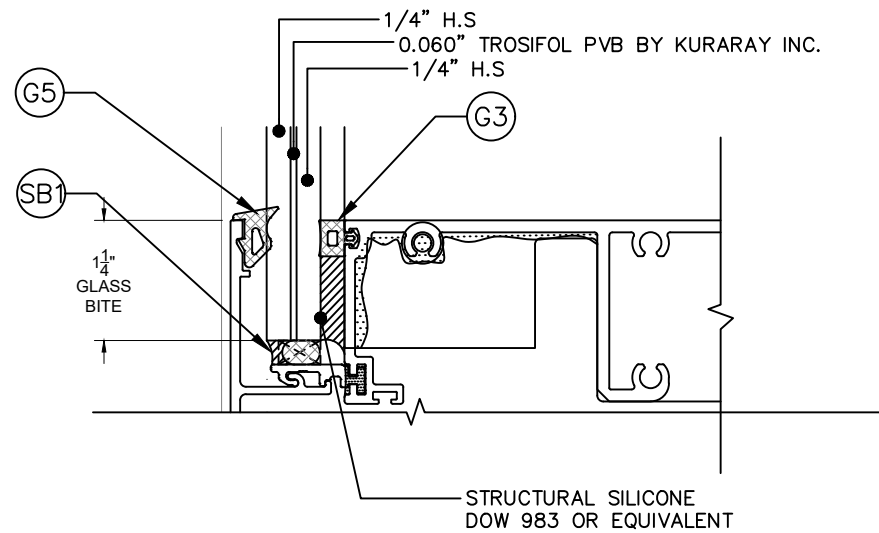
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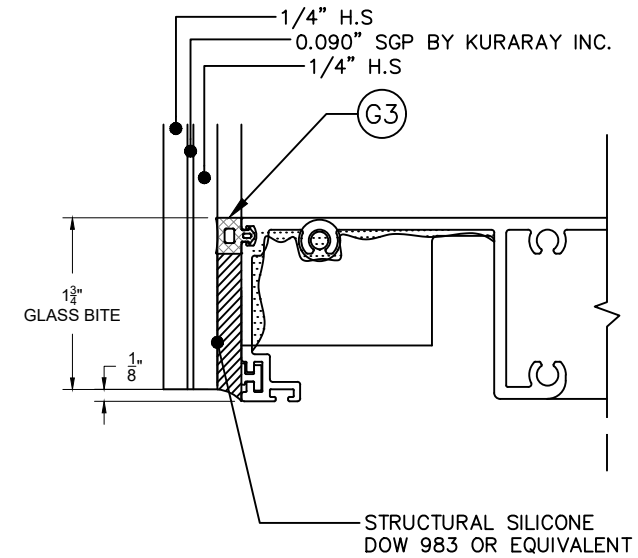
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No.	Date:	By:	Description
DATE: July 18th,2024		DRAWN BY: AO	
CHECK BY:		SCALE: 1/4" = 1'-0"	
SHEET: 41		SHEET NO. WE-2	



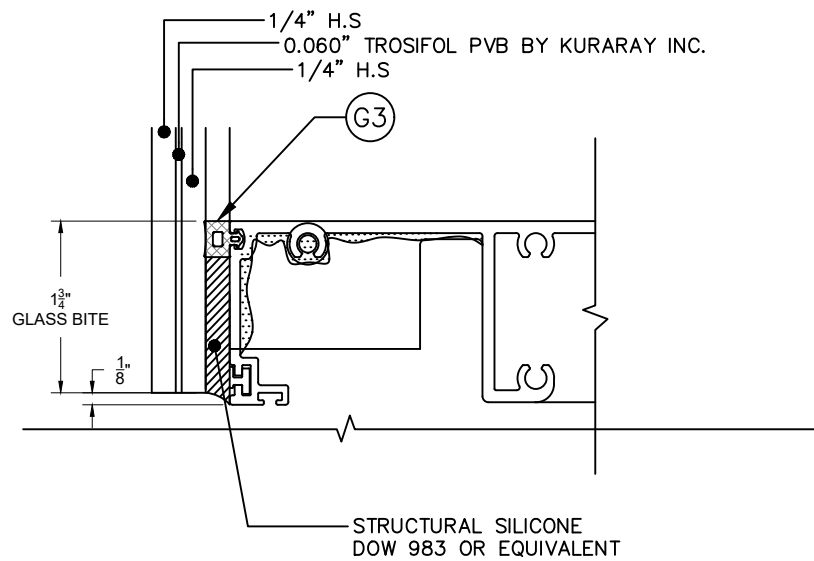
G1 GLASS TYPE 'A' (L.M.I. & S.M.I.)
9/16" NOMINAL OVERALL



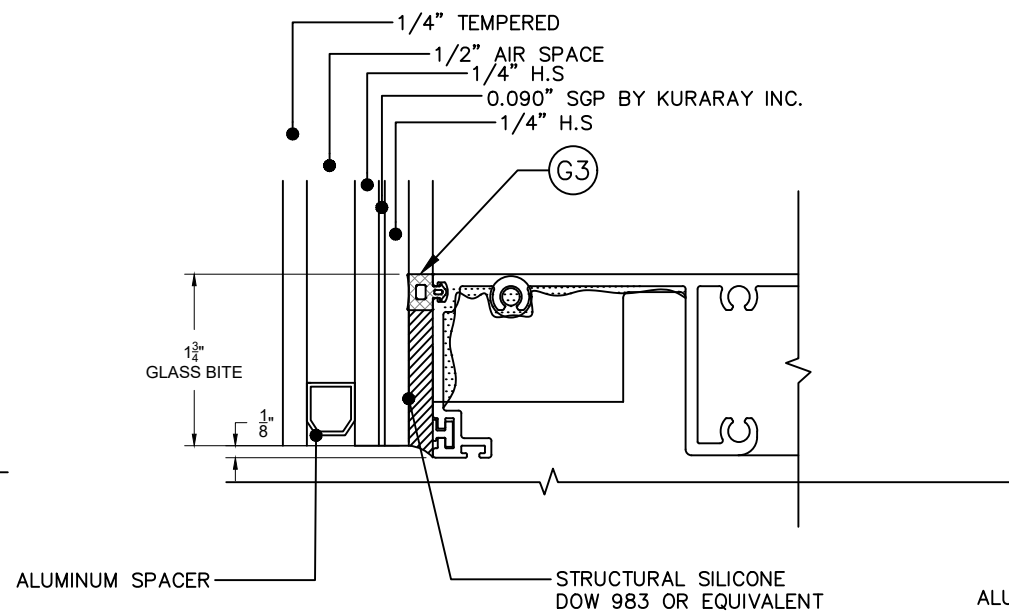
G2 GLASS TYPE 'B' (S.M.I.)
9/16" NOMINAL OVERALL



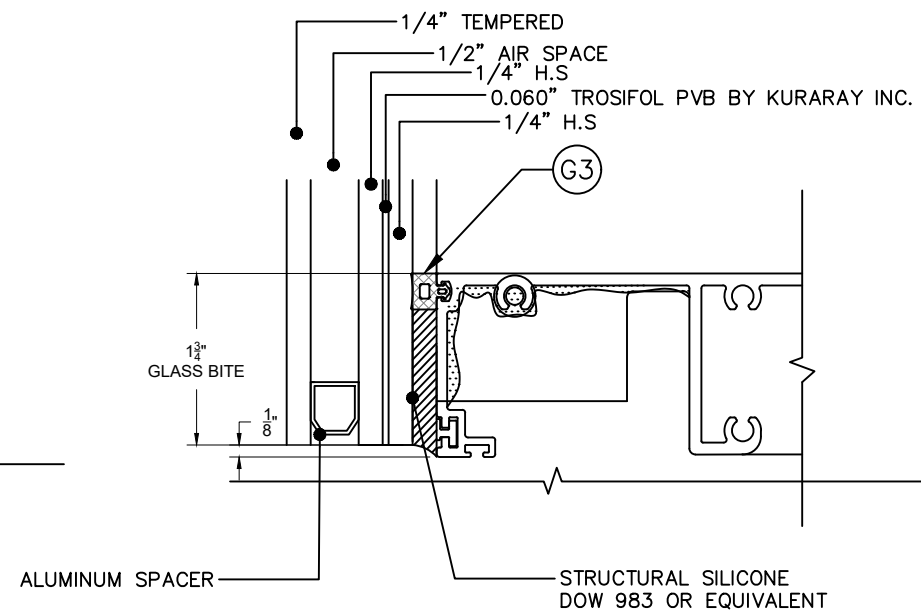
G3 GLASS TYPE 'C' (L.M.I. & S.M.I.)
9/16" NOMINAL OVERALL



G4 GLASS TYPE 'D' (S.M.I.)
9/16" NOMINAL OVERALL



G5 GLASS TYPE 'E' (L.M.I. & S.M.I.)
9/16" NOMINAL OVERALL



G6 GLASS TYPE 'F' (S.M.I.)
9/16" NOMINAL OVERALL

GLAZING DETAILS



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REVISIONS:

No.	Date:	By:	Description

DATE:
July 18th, 2024

CHECK BY:

SHEET:

41

DRAWN BY:
A0

SCALE:
6" = 1'-0"

SHEET NO.

G-1

GLASS CAPACITIES			
D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+) P.S.F	(-) P.S.F
24	24	60	123.4
36		60	123.4
42		60	123.4
48		60	123.4
54		60	123.4
55 5/8		60	123.4

GLASS CAPACITIES			
D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+) P.S.F	(-) P.S.F
24	30	60	123.4
36		60	123.4
42		60	123.4
48		60	123.4
54		60	123.4
55 5/8		60	123.4

GLASS CAPACITIES			
D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+) P.S.F	(-) P.S.F
24	36	60	123.4
36		60	123.4
42		60	123.4
48		60	123.4
54		60	123.4
55 5/8		60	123.4

GLASS CAPACITIES			
D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+) P.S.F	(-) P.S.F
24	42	60	123.4
36		60	123.4
42		60	123.4
48		60	123.4
54		60	123.4
55 5/8		60	123.4

GLASS CAPACITIES			
D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+) P.S.F	(-) P.S.F
24	48	60	123.4
36		60	123.4
42		60	123.4
48		60	123.4
54		60	123.4
55 5/8		60	123.4

GLASS CAPACITIES			
D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+) P.S.F	(-) P.S.F
24	54	60	123.4
36		60	123.4
42		60	123.4
48		60	123.4
54		60	123.4
55 5/8		60	123.4

GLASS CAPACITIES			
D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+) P.S.F	(-) P.S.F
24	60	60	123.4
36		60	123.4
42		60	123.4
48		60	123.4
54		60	123.4
55 5/8		60	123.4

GLASS CAPACITIES			
D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+) P.S.F	(-) P.S.F
24	66	60	123.4
36		60	123.4
42		60	123.4
48		60	123.4
54		60	123.4
55 5/8		60	123.4

GLASS CAPACITIES			
D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+) P.S.F	(-) P.S.F
24	72	60	123.4
36		60	123.4
42		60	123.4
48		60	123.4
54		60	123.4
55 5/8		60	123.4

GLASS CAPACITIES			
D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+) P.S.F	(-) P.S.F
24	78	60	123.4
36		60	123.4
42		60	123.4
48		60	123.4
54		60	123.4
55 5/8		60	123.4

GLASS CAPACITIES			
D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+) P.S.F	(-) P.S.F
24	84	60	123.4
36		60	123.4
42		60	123.4
48		60	123.4
54		60	123.4
55 5/8		60	123.4

GLASS CAPACITIES			
D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+) P.S.F	(-) P.S.F
24	90	60	123.4
36		60	123.4
42		60	123.4
48		60	123.4
54		60	123.4
55 5/8		60	123.4

GLASS CAPACITIES			
D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+) P.S.F	(-) P.S.F
24	96	60	123.4
36		60	123.4
42		60	123.4
48		60	123.4
54		60	123.4
55 5/8		60	123.4

GLASS CAPACITIES			
D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+) P.S.F	(-) P.S.F
24	102	60	123.4
36		60	123.4
42		60	123.4
48		60	123.4
54		60	123.4
55 5/8		60	123.4

GLASS CAPACITIES			
D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+) P.S.F	(-) P.S.F
24	107.25	60	123.4
36		60	123.4
42		60	123.4
48		60	123.4
54		60	123.4
55 5/8		60	123.4

GLASS CAPACITIES			
D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+) P.S.F	(-) P.S.F
24	114	60	123.4
36		60	123.4
42		60	123.4
48		60	123.4
54		-	-
55 5/8		-	-

GLASS CAPACITIES			
D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+) P.S.F	(-) P.S.F
24	120	60	123.4
36		60	123.4
42		60	123.4
48		59	109
54		-	-
55 5/8		-	-

GLASS CAPACITIES			
D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+) P.S.F	(-) P.S.F
24	126	60	123.4
36		60	123.4
42		60	111
48		-	-
54		-	-
55 5/8		-	-

GLASS CAPACITIES			
D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+) P.S.F	(-) P.S.F
24	132	60	123.4
36		60	123.4
42		60	123.4
48		60	123.4
54		60	123.4
55 5/8		60	123.4

GLASS CAPACITIES			
D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+) P.S.F	(-) P.S.F
24	138	60	123.4
36		58	107
42		50	92
48		-	-
54		-	-
55 5/8		-	-

GLASS CAPACITIES			
D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+) P.S.F	(-) P.S.F
24	144	60	123.4
36		53	98
42		-	-
48		-	-
54		-	-
55 5/8		-	-



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08 41		G-2	

GLASS LOADING TABLE (GLASS TYPES A & B)

GLASS CAPACITIES <table><tr><th>D.L.O. WIDTH (in)</th><th>D.L.O. HEIGHT (in)</th><th>(+)P.S.F</th><th>(-)P.S.F</th></tr><tr><td>24</td><td rowspan="8">24</td><td>65</td><td>123.4</td></tr><tr><td>30</td><td>65</td><td>123.4</td></tr><tr><td>36</td><td>65</td><td>123.4</td></tr><tr><td>42</td><td>65</td><td>123.4</td></tr><tr><td>48</td><td>65</td><td>123.4</td></tr><tr><td>54</td><td>65</td><td>123.4</td></tr><tr><td>55 5/8</td><td>65</td><td>123.4</td></tr><tr><td>57</td><td>65</td><td>123.4</td></tr></table>				D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+)P.S.F	(-)P.S.F	24	24	65	123.4	30	65	123.4	36	65	123.4	42	65	123.4	48	65	123.4	54	65	123.4	55 5/8	65	123.4	57	65	123.4	GLASS CAPACITIES <table><tr><th>D.L.O. WIDTH (in)</th><th>D.L.O. HEIGHT (in)</th><th>(+)P.S.F</th><th>(-)P.S.F</th></tr><tr><td>24</td><td rowspan="8">48</td><td>65</td><td>123.4</td></tr><tr><td>30</td><td>65</td><td>123.4</td></tr><tr><td>36</td><td>65</td><td>123.4</td></tr><tr><td>42</td><td>65</td><td>123.4</td></tr><tr><td>48</td><td>65</td><td>123.4</td></tr><tr><td>54</td><td>65</td><td>123.4</td></tr><tr><td>55 5/8</td><td>65</td><td>123.4</td></tr><tr><td>57</td><td>65</td><td>123.4</td></tr></table>				D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+)P.S.F	(-)P.S.F	24	48	65	123.4	30	65	123.4	36	65	123.4	42	65	123.4	48	65	123.4	54	65	123.4	55 5/8	65	123.4	57	65	123.4	GLASS CAPACITIES <table><tr><th>D.L.O. WIDTH (in)</th><th>D.L.O. HEIGHT (in)</th><th>(+)P.S.F</th><th>(-)P.S.F</th></tr><tr><td>24</td><td rowspan="8">66</td><td>65</td><td>123.4</td></tr><tr><td>30</td><td>65</td><td>123.4</td></tr><tr><td>36</td><td>65</td><td>123.4</td></tr><tr><td>42</td><td>65</td><td>123.4</td></tr><tr><td>48</td><td>65</td><td>65</td></tr><tr><td>54</td><td>65</td><td>65</td></tr><tr><td>55 5/8</td><td>65</td><td>65</td></tr><tr><td>57</td><td>65</td><td>65</td></tr></table>				D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+)P.S.F	(-)P.S.F	24	66	65	123.4	30	65	123.4	36	65	123.4	42	65	123.4	48	65	65	54	65	65	55 5/8	65	65	57	65	65	GLASS CAPACITIES <table><tr><th>D.L.O. WIDTH (in)</th><th>D.L.O. HEIGHT (in)</th><th>(+)P.S.F</th><th>(-)P.S.F</th></tr><tr><td>24</td><td rowspan="8">90</td><td>65</td><td>123.4</td></tr><tr><td>30</td><td>65</td><td>123.4</td></tr><tr><td>36</td><td>65</td><td>65</td></tr><tr><td>42</td><td>65</td><td>65</td></tr><tr><td>48</td><td>65</td><td>65</td></tr><tr><td>54</td><td>65</td><td>65</td></tr><tr><td>55 5/8</td><td>65</td><td>65</td></tr><tr><td>57</td><td>65</td><td>65</td></tr></table>				D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+)P.S.F	(-)P.S.F	24	90	65	123.4	30	65	123.4	36	65	65	42	65	65	48	65	65	54	65	65	55 5/8	65	65	57	65	65	GLASS CAPACITIES <table><tr><th>D.L.O. WIDTH (in)</th><th>D.L.O. HEIGHT (in)</th><th>(+)P.S.F</th><th>(-)P.S.F</th></tr><tr><td>24</td><td rowspan="8">107.25</td><td>65</td><td>123.4</td></tr><tr><td>30</td><td>65</td><td>65</td></tr><tr><td>36</td><td>65</td><td>65</td></tr><tr><td>42</td><td>65</td><td>65</td></tr><tr><td>48</td><td>65</td><td>65</td></tr><tr><td>54</td><td>-</td><td>-</td></tr><tr><td>55 5/8</td><td>-</td><td>-</td></tr><tr><td>57</td><td>-</td><td>-</td></tr></table>				D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+)P.S.F	(-)P.S.F	24	107.25	65	123.4	30	65	65	36	65	65	42	65	65	48	65	65	54	-	-	55 5/8	-	-	57	-	-
D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+)P.S.F	(-)P.S.F																																																																																																																																																																	
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GLASS CAPACITIES <table><tr><th>D.L.O. WIDTH (in)</th><th>D.L.O. HEIGHT (in)</th><th>(+)P.S.F</th><th>(-)P.S.F</th></tr><tr><td>24</td><td rowspan="8">42</td><td>65</td><td>123.4</td></tr><tr><td>30</td><td>65</td><td>123.4</td></tr><tr><td>36</td><td>65</td><td>123.4</td></tr><tr><td>42</td><td>65</td><td>123.4</td></tr><tr><td>48</td><td>65</td><td>123.4</td></tr><tr><td>54</td><td>65</td><td>123.4</td></tr><tr><td>55 5/8</td><td>65</td><td>123.4</td></tr><tr><td>57</td><td>65</td><td>123.4</td></tr></table>				D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+)P.S.F	(-)P.S.F	24	42	65	123.4	30	65	123.4	36	65	123.4	42	65	123.4	48	65	123.4	54	65	123.4	55 5/8	65	123.4	57	65	123.4	GLASS CAPACITIES <table><tr><th>D.L.O. WIDTH (in)</th><th>D.L.O. HEIGHT (in)</th><th>(+)P.S.F</th><th>(-)P.S.F</th></tr><tr><td>24</td><td rowspan="8">60</td><td>65</td><td>123.4</td></tr><tr><td>30</td><td>65</td><td>123.4</td></tr><tr><td>36</td><td>65</td><td>123.4</td></tr><tr><td>42</td><td>65</td><td>123.4</td></tr><tr><td>48</td><td>65</td><td>123.4</td></tr><tr><td>54</td><td>65</td><td>65</td></tr><tr><td>55 5/8</td><td>65</td><td>65</td></tr><tr><td>57</td><td>65</td><td>65</td></tr></table>				D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+)P.S.F	(-)P.S.F	24	60	65	123.4	30	65	123.4	36	65	123.4	42	65	123.4	48	65	123.4	54	65	65	55 5/8	65	65	57	65	65	GLASS CAPACITIES <table><tr><th>D.L.O. WIDTH (in)</th><th>D.L.O. HEIGHT (in)</th><th>(+)P.S.F</th><th>(-)P.S.F</th></tr><tr><td>24</td><td rowspan="8">84</td><td>65</td><td>123.4</td></tr><tr><td>30</td><td>65</td><td>123.4</td></tr><tr><td>36</td><td>65</td><td>65</td></tr><tr><td>42</td><td>65</td><td>65</td></tr><tr><td>48</td><td>65</td><td>65</td></tr><tr><td>54</td><td>65</td><td>65</td></tr><tr><td>55 5/8</td><td>65</td><td>65</td></tr><tr><td>57</td><td>65</td><td>65</td></tr></table>				D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+)P.S.F	(-)P.S.F	24	84	65	123.4	30	65	123.4	36	65	65	42	65	65	48	65	65	54	65	65	55 5/8	65	65	57	65	65	GLASS CAPACITIES <table><tr><th>D.L.O. WIDTH (in)</th><th>D.L.O. HEIGHT (in)</th><th>(+)P.S.F</th><th>(-)P.S.F</th></tr><tr><td>24</td><td rowspan="8">102</td><td>65</td><td>123.4</td></tr><tr><td>30</td><td>65</td><td>65</td></tr><tr><td>36</td><td>65</td><td>65</td></tr><tr><td>42</td><td>65</td><td>65</td></tr><tr><td>48</td><td>65</td><td>65</td></tr><tr><td>54</td><td>-</td><td>-</td></tr><tr><td>55 5/8</td><td>-</td><td>-</td></tr><tr><td>57</td><td>-</td><td>-</td></tr></table>				D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+)P.S.F	(-)P.S.F	24	102	65	123.4	30	65	65	36	65	65	42	65	65	48	65	65	54	-	-	55 5/8	-	-	57	-	-	GLASS CAPACITIES <table><tr><th>D.L.O. WIDTH (in)</th><th>D.L.O. HEIGHT (in)</th><th>(+)P.S.F</th><th>(-)P.S.F</th></tr><tr><td>24</td><td rowspan="8">126</td><td>65</td><td>65</td></tr><tr><td>30</td><td>65</td><td>65</td></tr><tr><td>36</td><td>65</td><td>65</td></tr><tr><td>42</td><td>65</td><td>65</td></tr><tr><td>48</td><td>-</td><td>-</td></tr><tr><td>54</td><td>-</td><td>-</td></tr><tr><td>55 5/8</td><td>-</td><td>-</td></tr><tr><td>57</td><td>-</td><td>-</td></tr></table>				D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+)P.S.F	(-)P.S.F	24	126	65	65	30	65	65	36	65	65	42	65	65	48	-	-	54	-	-	55 5/8	-	-	57	-	-
D.L.O. WIDTH (in)	D.L.O. HEIGHT (in)	(+)P.S.F	(-)P.S.F																																																																																																																																																																	
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GLASS LOADING TABLE (GLASS TYPES C & E)																																																																																																																																																																				



PCE DESIGN, LLC.
CONSULTING & ENGINEERING

6135 NW 167th St. STE E-1
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SERIES 3580

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24-0197P.13

REVISIONS:

No.	Date:	By:	Description
DATE: July 18th,2024		DRAWN BY: A0	
CHECK BY:		SCALE: N.T.S	
SHEET:		SHEET NO.	
06 41		G-3	

GLASS CAPACITIES			
D.L.O. WDTH (in)	D.L.O. HEGHT (in)	(+) P.S.F	(-) P.S.F
24	24	60	123.4
36		60	123.4
42		60	123.4
48		60	123.4
54		60	123.4
55 5/8		60	123.4

GLASS CAPACITIES			
D.L.O. WDTH (in)	D.L.O. HEGHT (in)	(+) P.S.F	(-) P.S.F
24	30	60	123.4
36		60	123.4
42		60	123.4
48		60	123.4
54		60	123.4
55 5/8		60	123.4

GLASS CAPACITIES			
D.L.O. WDTH (in)	D.L.O. HEGHT (in)	(+) P.S.F	(-) P.S.F
24	36	60	123.4
36		60	123.4
42		60	123.4
48		60	123.4
54		60	123.4
55 5/8		60	123.4

GLASS CAPACITIES			
D.L.O. WDTH (in)	D.L.O. HEGHT (in)	(+) P.S.F	(-) P.S.F
24	42	60	123.4
36		60	123.4
42		60	123.4
48		60	123.4
54		60	123.4
55 5/8		60	123.4

GLASS CAPACITIES			
D.L.O. WDTH (in)	D.L.O. HEGHT (in)	(+) P.S.F	(-) P.S.F
24	48	60	123.4
36		60	123.4
42		60	123.4
48		60	123.4
54		60	123.4
55 5/8		60	123.4

GLASS CAPACITIES			
D.L.O. WDTH (in)	D.L.O. HEGHT (in)	(+) P.S.F	(-) P.S.F
24	54	60	123.4
36		60	123.4
42		60	123.4
48		60	123.4
54		60	123.4
55 5/8		60	123.4

GLASS CAPACITIES			
D.L.O. WDTH (in)	D.L.O. HEGHT (in)	(+) P.S.F	(-) P.S.F
24	60	60	123.4
36		60	123.4
42		60	123.4
48		60	123.4
54		-	-
55 5/8		-	-

GLASS CAPACITIES			
D.L.O. WDTH (in)	D.L.O. HEGHT (in)	(+) P.S.F	(-) P.S.F
24	66	60	123.4
36		60	123.4
42		60	123.4
48		-	-
54		-	-
55 5/8		-	-

GLASS CAPACITIES			
D.L.O. WDTH (in)	D.L.O. HEGHT (in)	(+) P.S.F	(-) P.S.F
24	72	60	123.4
36		60	123.4
42		60	123.4
48		-	-
54		-	-
55 5/8		-	-

GLASS CAPACITIES			
D.L.O. WDTH (in)	D.L.O. HEGHT (in)	(+) P.S.F	(-) P.S.F
24	78	60	123.4
36		60	123.4
42		-	-
48		-	-
54		-	-
55 5/8		-	-

GLASS CAPACITIES			
D.L.O. WDTH (in)	D.L.O. HEGHT (in)	(+) P.S.F	(-) P.S.F
24	84	60	123.4
36		60	123.4
42		-	-
48		-	-
54		-	-
55 5/8		-	-

GLASS CAPACITIES			
D.L.O. WDTH (in)	D.L.O. HEGHT (in)	(+) P.S.F	(-) P.S.F
24	90	60	123.4
36		-	-
42		-	-
48		-	-
54		-	-
55 5/8		-	-

GLASS CAPACITIES			
D.L.O. WDTH (in)	D.L.O. HEGHT (in)	(+) P.S.F	(-) P.S.F
24	96	60	123.4
36		-	-
42		-	-
48		-	-
54		-	-
55 5/8		-	-

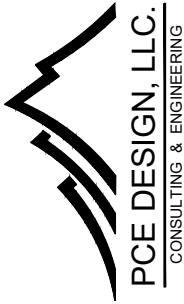
GLASS CAPACITIES			
D.L.O. WDTH (in)	D.L.O. HEGHT (in)	(+) P.S.F	(-) P.S.F
24	102	60	123.4
36		-	-
42		-	-
48		-	-
54		-	-
55 5/8		-	-

GLASS CAPACITIES			
D.L.O. WDTH (in)	D.L.O. HEGHT (in)	(+) P.S.F	(-) P.S.F
24	107.25	60	123.4
36		-	-
42		-	-
48		-	-
54		-	-
55 5/8		-	-

GLASS CAPACITIES			
D.L.O. WDTH (in)	D.L.O. HEGHT (in)	(+) P.S.F	(-) P.S.F
24	114	60	123.4
36		-	-
42		-	-
48		-	-
54		-	-
55 5/8		-	-

GLASS CAPACITIES			
D.L.O. WDTH (in)	D.L.O. HEGHT (in)	(+) P.S.F	(-) P.S.F
24	120	60	123.4
36		-	-
42		-	-
48		-	-
54		-	-
55 5/8		-	-

GLASS CAPACITIES			
D.L.O. WDTH (in)	D.L.O. HEGHT (in)	(+) P.S.F	(-) P.S.F
24	126	60	123.4
36		-	-
42		-	-
48		-	-
54		-	-
55 5/8		-	-



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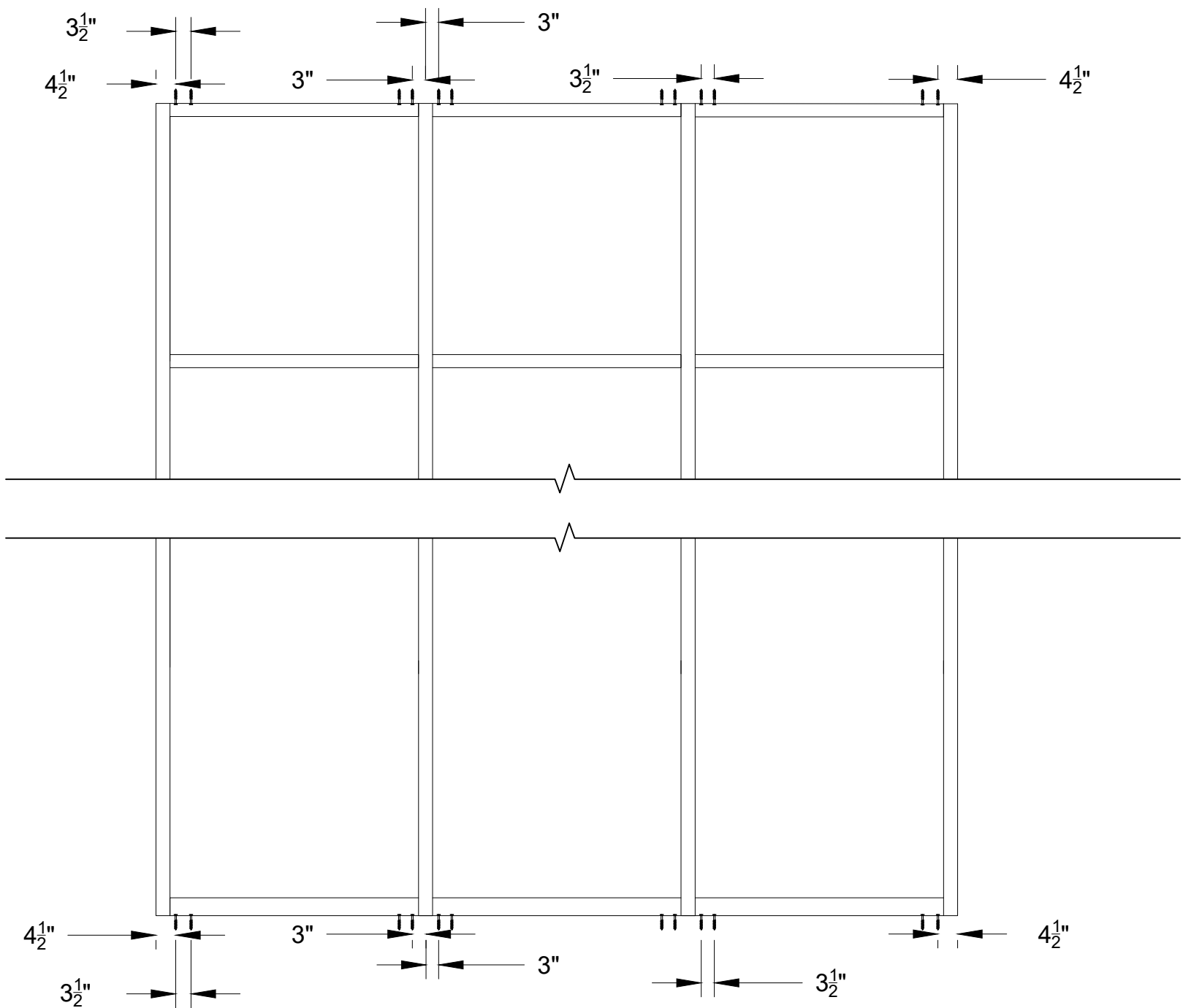
24-0197P.13

REVISIONS:

No.	Date:	By:	Description

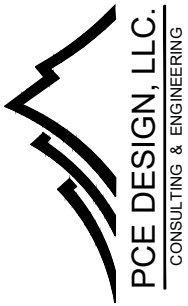
DATE: July 18th,2024	DRAWN BY: A0
CHECK BY:	SCALE: N.T.S
SHEET: 07 41	SHEET NO. G-4

GLASS LOADING TABLE (GLASS TYPES D & F)



TYPICAL ANCHOR LAYOUT

ANCHOR TYPE	DESCRIPTION
A	1/2" HDG HILTI KWIKBOLT 3 WITH 2 5/16" MIN EMBEDMENT INTO 3 KSI. CONCRETE MIN. AND 5" MIN. EDGE DISTANCE (6" MIN CONCRETE THICKNESS)
B	1/2"-13 x 3" LG. HSFH CAP SCREW (BOLT) GALVANIZED fy= 65 KSI fu= 100 KSI 1/2"-13 HEX NUT 300 SERIES ST STL (CW) fy=65 KSI fu=100KSI 1/2" DIA. MEDIUM SLIP LOCKWASHER 300 SERIES ST STL (CW) fy=65KSI fu=100 KSI



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Ph. 305-203-0780
Contact@BESmiami.com

24-0197P.13

REVISIONS:			
No.	Date:	By:	Description
DATE: July 18th,2024		DRAWN BY: A0	
CHECK BY:		SCALE: 3/8"=1'0"	
SHEET:		SHEET NO.	
08 41		A-1	

MULLION DESIGN LOAD - PSF			
WITH & WITHOUT INTERMEDIATE HORIZONTALS			
WINDOW DIMS.		MULL TYPE 'M1'	
WIDTH	FRAME HEIGHT	EXT. (+)	INT (-)
36	36	65.00	123.40
42		65.00	123.40
48		65.00	123.40
54		65.00	123.40
60		65.00	123.40
66		65.00	123.40
72		65.00	123.40
78		65.00	123.40
84		65.00	123.40
90		65.00	123.40
96		65.00	123.40
102		65.00	123.40
108		65.00	123.40
114		65.00	123.40
120		65.00	123.40
126		65.00	123.40
132		65.00	123.40
138		65.00	123.40
144		65.00	123.40

MULLION DESIGN LOAD - PSF			
WITH & WITHOUT INTERMEDIATE HORIZONTALS			
WINDOW DIMS.		MULL TYPE 'M1'	
WIDTH	FRAME HEIGHT	EXT. (+)	INT (-)
36	42	65.00	123.40
42		65.00	123.40
48		65.00	123.40
54		65.00	123.40
60		65.00	123.40
66		65.00	123.40
72		65.00	123.40
78		65.00	123.40
84		65.00	123.40
90		65.00	123.40
96		65.00	123.40
102		65.00	123.40
108		65.00	123.40
114		65.00	123.40
120		65.00	123.40
126		65.00	123.40
132		65.00	123.40
138		65.00	123.40
144		65.00	123.40

MULLION DESIGN LOAD - PSF			
WITH & WITHOUT INTERMEDIATE HORIZONTALS			
WINDOW DIMS.		MULL TYPE 'M1'	
WIDTH	FRAME HEIGHT	EXT. (+)	INT (-)
36	48	65.00	123.40
42		65.00	123.40
48		65.00	123.40
54		65.00	123.40
60		65.00	123.40
66		65.00	123.40
72		65.00	123.40
78		65.00	123.40
84		65.00	123.40
90		65.00	123.40
96		65.00	123.40
102		65.00	123.40
108		65.00	123.40
114		65.00	123.40
120		65.00	123.40
126		65.00	123.40
132		65.00	123.40
138		65.00	123.40
144		65.00	123.40

MULLION DESIGN LOAD - PSF			
WITH & WITHOUT INTERMEDIATE HORIZONTALS			
WINDOW DIMS.		MULL TYPE 'M1'	
WIDTH	FRAME HEIGHT	EXT. (+)	INT (-)
36	54	65.00	123.40
42		65.00	123.40
48		65.00	123.40
54		65.00	123.40
60		65.00	123.40
66		65.00	123.40
72		65.00	123.40
78		65.00	123.40
84		65.00	123.40
90		65.00	123.40
96		65.00	123.40
102		65.00	123.40
108		65.00	123.40
114		60.00	123.40
120		60.00	123.40
126		60.00	123.40
132		60.00	123.40
138		60.00	123.40
144		60.00	123.40

MULLION DESIGN LOAD - PSF			
WITH & WITHOUT INTERMEDIATE HORIZONTALS			
WINDOW DIMS.		MULL TYPE 'M1'	
WIDTH	FRAME HEIGHT	EXT. (+)	INT (-)
36	60	65.00	123.40
42		65.00	123.40
48		65.00	123.40
54		65.00	123.40
60		65.00	123.40
66		65.00	123.40
72		65.00	123.40
78		65.00	123.40
84		65.00	123.40
90		65.00	123.40
96		65.00	123.40
102		60.00	123.40
108		60.00	123.40
114		60.00	123.40
120		60.00	123.40
126		60.00	123.40
132		60.00	123.40
138		60.00	123.40
144		60.00	123.40

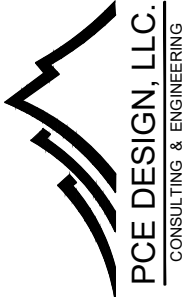
MULLION DESIGN LOAD - PSF			
WITH & WITHOUT INTERMEDIATE HORIZONTALS			
WINDOW DIMS.		MULL TYPE 'M1'	
WIDTH	FRAME HEIGHT	EXT. (+)	INT (-)
36	66	65.00	123.40
42		65.00	123.40
48		65.00	123.40
54		65.00	123.40
60		65.00	122.00
66		65.00	121.00
72		65.00	121.00
78		65.00	121.00
84		65.00	121.00
90		60.00	121.00
96		60.00	121.00
102		60.00	121.00
108		60.00	121.00
114		60.00	121.00
120		60.00	121.00
126		60.00	121.00
132		-	-
138		-	-
144		-	-

MULLION DESIGN LOAD - PSF			
WITH & WITHOUT INTERMEDIATE HORIZONTALS			
WINDOW DIMS.		MULL TYPE 'M1'	
WIDTH	FRAME HEIGHT	EXT. (+)	INT (-)
36	72	65.00	123.40
42		65.00	123.00
48		65.00	114.00
54		65.00	108.00
60		65.00	104.00
66		65.00	102.00
72		65.00	101.00
78		65.00	101.00
84		60.00	101.00
90		60.00	101.00
96		60.00	101.00
102		60.00	101.00
108		60.00	101.00
114		60.00	101.00
120		60.00	101.00
126		-	-
132		-	-
138		-	-
144		-	-

MULLION DESIGN LOAD - PSF			
WITH & WITHOUT INTERMEDIATE HORIZONTALS			
WINDOW DIMS.		MULL TYPE 'M1'	
WIDTH	FRAME HEIGHT	EXT. (+)	INT (-)
36	78	65.00	122.00
42		65.00	110.00
48		65.00	101.00
54		65.00	95.00
60		65.00	91.00
66		65.00	88.00
72		65.00	87.00
78		60.00	86.00
84		60.00	86.00
90		60.00	86.00
96		60.00	86.00
102		60.00	86.00
108		60.00	86.00
114		-	-
120		-	-
126		-	-
132		-	-
138		-	-
144		-	-

MAXIMUM A.S.D. DESIGN PRESSURE RATING FOR STANDARD

MULLIONS WITH AND WITHOUT INTERMEDIATE HORIZONTAL.



PCE DESIGN, LLC.
CONSULTING & ENGINEERING

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SERIES 3580

CURTAIN WALL

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RC BES WINDOWS LLC

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OPA-LOCKA, FL 33054
Ph. 305-203-0780
Contact@BESmiami.com

24-0197P.13

REVISIONS:

No.	Date:	By:	Description

DATE:
July 18th,2024

CHECK BY

SHEET:

08 41

DRAWN BY:
AO

SCALE:
N.T.S

SHEET NO.
M-1

MULLION DESIGN LOAD - PSF			
WITH & WITHOUT INTERMEDIATE HORIZONTALS			
WINDOW DIMS.		MULL TYPE 'M1'	
WIDTH	FRAME HEIGHT	EXT. (+)	INT (-)
36	84	65.00	111.00
42		65.00	99.00
48		65.00	91.00
54		65.00	85.00
60		65.00	81.00
66		65.00	78.00
72		60.00	76.00
78		60.00	75.00
84		60.00	74.00
90		60.00	74.00
96		60.00	74.00
102		60.00	74.00
108		-	-
114		-	-
120		-	-
126		-	-
132		-	-
138		-	-
144		-	-

MULLION DESIGN LOAD - PSF			
WITH & WITHOUT INTERMEDIATE HORIZONTALS			
WINDOW DIMS.		MULL TYPE 'M1'	
WIDTH	FRAME HEIGHT	EXT. (+)	INT (-)
36	102	65.00	87.00
42		65.00	77.00
48		65.00	70.00
54		63.00	63.00
60		59.00	59.00
66		55.00	55.00
72		52.00	52.00
78		49.00	49.00
84		48.00	48.00
90		-	-
96		-	-
102		-	-
108		-	-
114		-	-
120		-	-
126		-	-
132		-	-
138		-	-
144		-	-

MULLION DESIGN LOAD - PSF			
WITH & WITHOUT INTERMEDIATE HORIZONTALS			
WINDOW DIMS.		MULL TYPE 'M1'	
WIDTH	FRAME HEIGHT	EXT. (+)	INT (-)
36	90	65.00	101.00
42		65.00	91.00
48		65.00	83.00
54		65.00	77.00
60		65.00	73.00
66		60.00	70.00
72		60.00	67.00
78		60.00	66.00
84		60.00	65.00
90		60.00	65.00
96		60.00	65.00
102		-	-
108		-	-
114		-	-
120		-	-
126		-	-
132		-	-
138		-	-
144		-	-

MULLION DESIGN LOAD - PSF			
WITH & WITHOUT INTERMEDIATE HORIZONTALS			
WINDOW DIMS.		MULL TYPE 'M1'	
WIDTH	FRAME HEIGHT	EXT. (+)	INT (-)
36	108	65.00	80.00
42		65.00	70.00
48		62.00	62.00
54		56.00	56.00
60		51.00	51.00
66		48.00	48.00
72		45.00	45.00
78		43.00	43.00
84		-	-
90		-	-
96		-	-
102		-	-
108		-	-
114		-	-
120		-	-
126		-	-
132		-	-
138		-	-
144		-	-

MULLION DESIGN LOAD - PSF			
WITH & WITHOUT INTERMEDIATE HORIZONTALS			
WINDOW DIMS.		MULL TYPE 'M1'	
WIDTH	FRAME HEIGHT	EXT. (+)	INT (-)
36	96	65.00	94.00
42		65.00	83.00
48		65.00	76.00
54		65.00	70.00
60		65.00	66.00
66		60.00	63.00
72		60.00	60.00
78		60.00	58.00
84		60.00	56.00
90		60.00	55.00
96		-	-
102		-	-
108		-	-
114		-	-
120		-	-
126		-	-
132		-	-
138		-	-
144		-	-

MULLION DESIGN LOAD - PSF			
WITH & WITHOUT INTERMEDIATE HORIZONTALS			
WINDOW DIMS.		MULL TYPE 'M1'	
WIDTH	FRAME HEIGHT	EXT. (+)	INT (-)
36	114	65.00	72.00
42		62.00	62.00
48		55.00	55.00
54		50.00	50.00
60		46.00	46.00
66		42.00	42.00
72		40.00	40.00
78		-	-
84		-	-
90		-	-
96		-	-
102		-	-
108		-	-
114		-	-
120		-	-
126		-	-
132		-	-
138		-	-
144		-	-

MULLION DESIGN LOAD - PSF			
WITH & WITHOUT INTERMEDIATE HORIZONTALS			
WINDOW DIMS.		MULL TYPE 'M1'	
WIDTH	FRAME HEIGHT	EXT. (+)	INT (-)
36	97.75	65.00	92.00
42		65.00	81.00
48		65.00	74.00
54		65.00	69.00
60		65.00	65.00
66		60.00	60.00
72		57.00	57.00
78		55.00	55.00
84		53.00	53.00
90		-	-
96		-	-
102		-	-
108		-	-
114		-	-
120		-	-
126		-	-
132		-	-
138		-	-
144		-	-

MULLION DESIGN LOAD - PSF			
WITH & WITHOUT INTERMEDIATE HORIZONTALS			
WINDOW DIMS.		MULL TYPE 'M1'	
WIDTH	FRAME HEIGHT	EXT. (+)	INT (-)
36	120	64.00	64.00
42		56.00	56.00
48		49.00	49.00
54		44.00	44.00
60		41.00	41.00
66		38.00	38.00
72		35.00	35.00
78		-	-
84		-	-
90		-	-
96		-	-
102		-	-
108		-	-
114		-	-
120		-	-
126		-	-
132		-	-
138		-	-
144		-	-



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REVISIONS:			
No.	Date:	By:	Description
DATE: July 18th,2024		DRAWN BY: A0	
CHECK BY		SCALE: N.T.S	
SHEET:		SHEET NO.	
10 41		M-2	

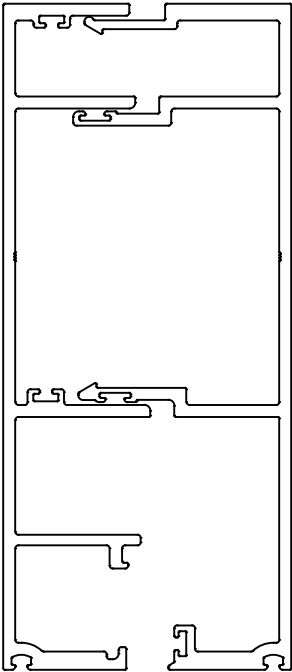
MAXIMUM A.S.D. DESIGN PRESSURE RATING FOR STANDARD
MULLIONS WITH AND WITHOUT INTERMEDIATE HORIZONTAL.

MULLION DESIGN LOAD - PSF			
WITH & WITHOUT INTERMEDIATE HORIZONTALS			
WINDOW DIMS.		MULL TYPE 'M1'	
WIDTH	FRAME HEIGHT	EXT. (+)	INT (-)
36	126	58.00	58.00
42		50.00	50.00
48		44.00	44.00
54		40.00	40.00
60		37.00	37.00
66		34.00	34.00
72		-	-
78		-	-
84		-	-
90		-	-
96		-	-
102		-	-
108		-	-
114		-	-
120		-	-
126		-	-
132		-	-
138		-	-
144		-	-

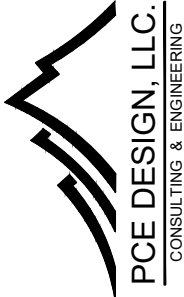
MULLION DESIGN LOAD - PSF			
WITH & WITHOUT INTERMEDIATE HORIZONTALS			
WINDOW DIMS.		MULL TYPE 'M1'	
WIDTH	FRAME HEIGHT	EXT. (+)	INT (-)
36	132	53.00	53.00
42		46.00	46.00
48		40.00	40.00
54		36.00	36.00
60		33.00	33.00
66		-	-
72		-	-
78		-	-
84		-	-
90		-	-
96		-	-
102		-	-
108		-	-
114		-	-
120		-	-
126		-	-
132		-	-
138		-	-
144		-	-

MULLION DESIGN LOAD - PSF			
WITH & WITHOUT INTERMEDIATE HORIZONTALS			
WINDOW DIMS.		MULL TYPE 'M1'	
WIDTH	FRAME HEIGHT	EXT. (+)	INT (-)
36	138	48.00	48.00
42		42.00	42.00
48		37.00	37.00
54		33.00	33.00
60		30.00	30.00
66		-	-
72		-	-
78		-	-
84		-	-
90		-	-
96		-	-
102		-	-
108		-	-
114		-	-
120		-	-
126		-	-
132		-	-
138		-	-
144		-	-

MULLION DESIGN LOAD - PSF			
WITH & WITHOUT INTERMEDIATE HORIZONTALS			
WINDOW DIMS.		MULL TYPE 'M1'	
WIDTH	FRAME HEIGHT	EXT. (+)	INT (-)
36	144	44.00	44.00
42		38.00	38.00
48		33.00	33.00
54		30.00	30.00
60		27.00	27.00
66		-	-
72		-	-
78		-	-
84		-	-
90		-	-
96		-	-
102		-	-
108		-	-
114		-	-
120		-	-
126		-	-
132		-	-
138		-	-
144		-	-



MAXIMUM A.S.D. DESIGN PRESSURE RATING FOR STANDARD
MULLIONS WITH AND WITHOUT INTERMEDIATE HORIZONTAL.



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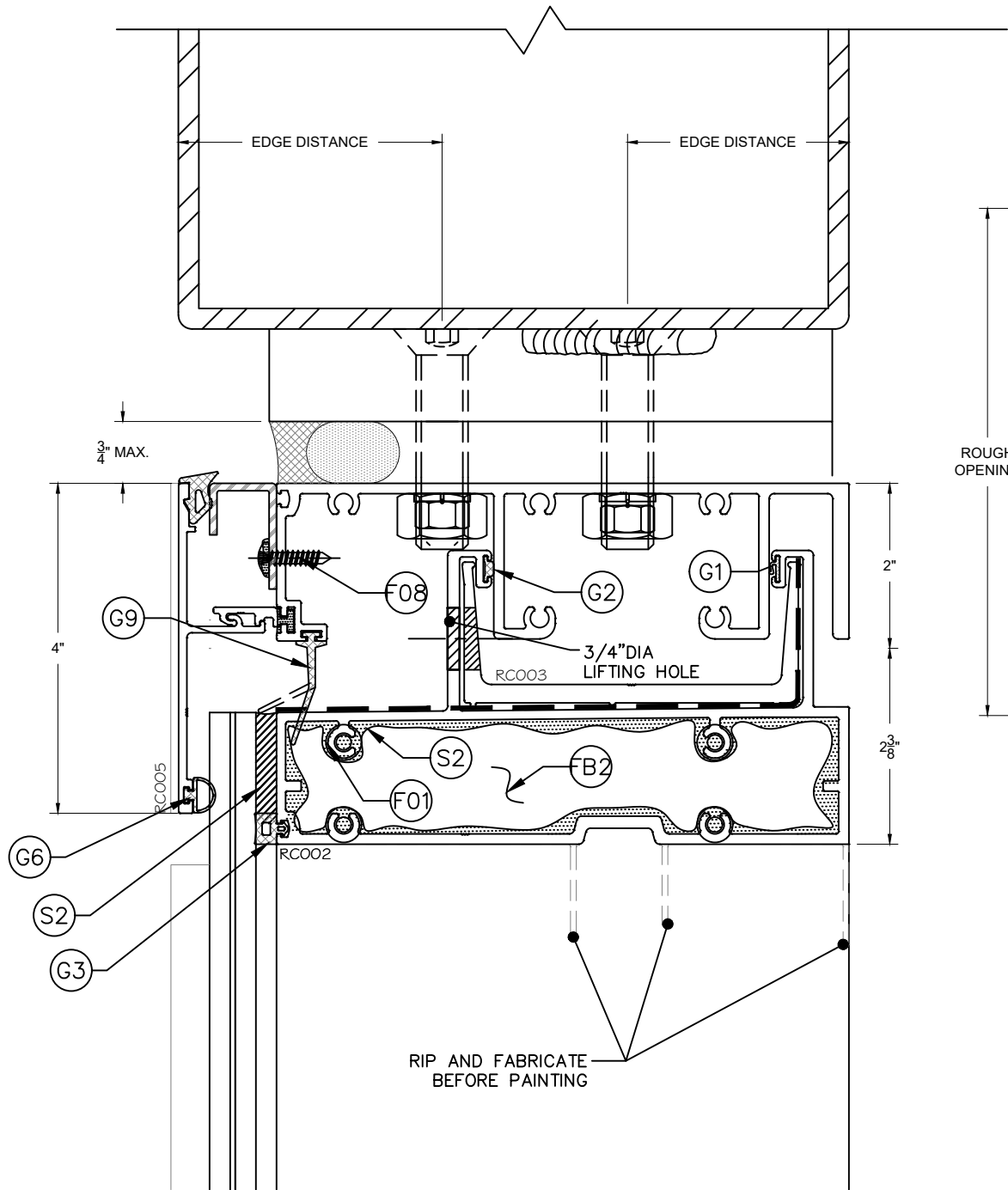
6135 NW 167th St. STE E-1
Miami Gardends, FL 33015
Ph. (305) 698-0550

SERIES 3580
CURTAIN WALL
L.M.I. & S.M.I

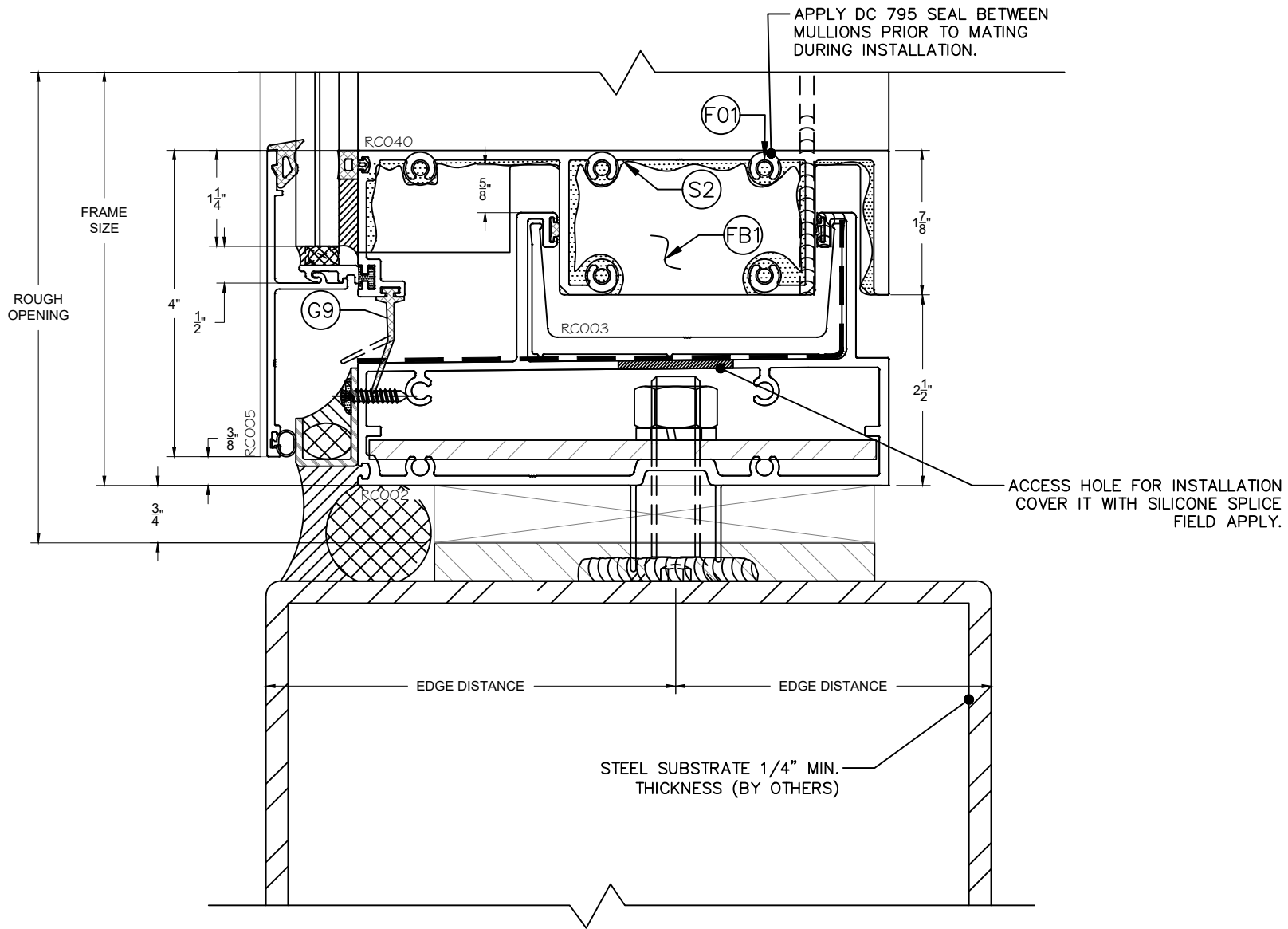
RC BES WINDOWS LLC
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OPA-LOCKA, FL 33054
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Contact@BESmiami.com

24-0197P.13

REVISIONS:			
No.	Date:	By:	Description
DATE: July 18th,2024		DRAWN BY: A0	
CHECK BY		SCALE: N.T.S	
SHEET:		SHEET NO.	
bf 41		M-3	



1 HEAD DETAIL (METAL)
D-1 Scale: As Shown



2 SILL DETAIL (METAL)
D-1 Scale: As Shown



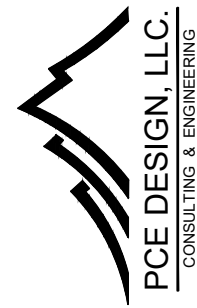
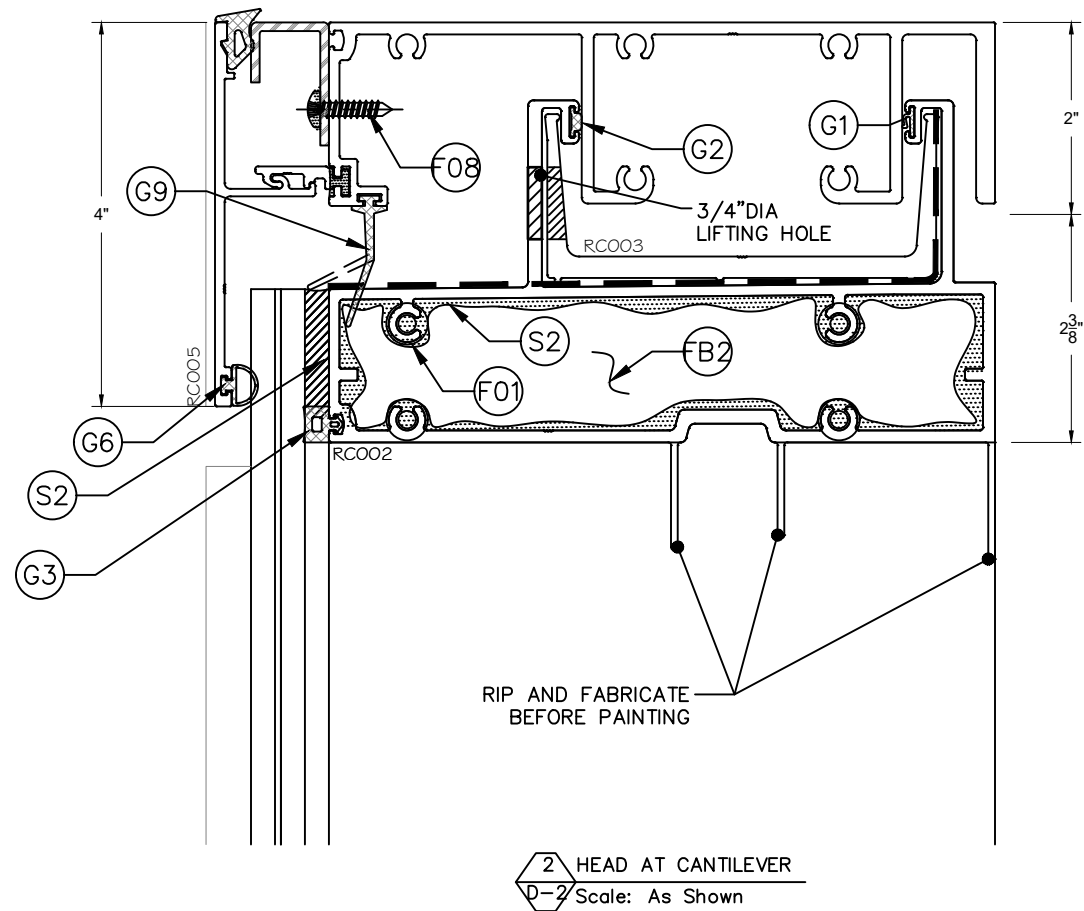
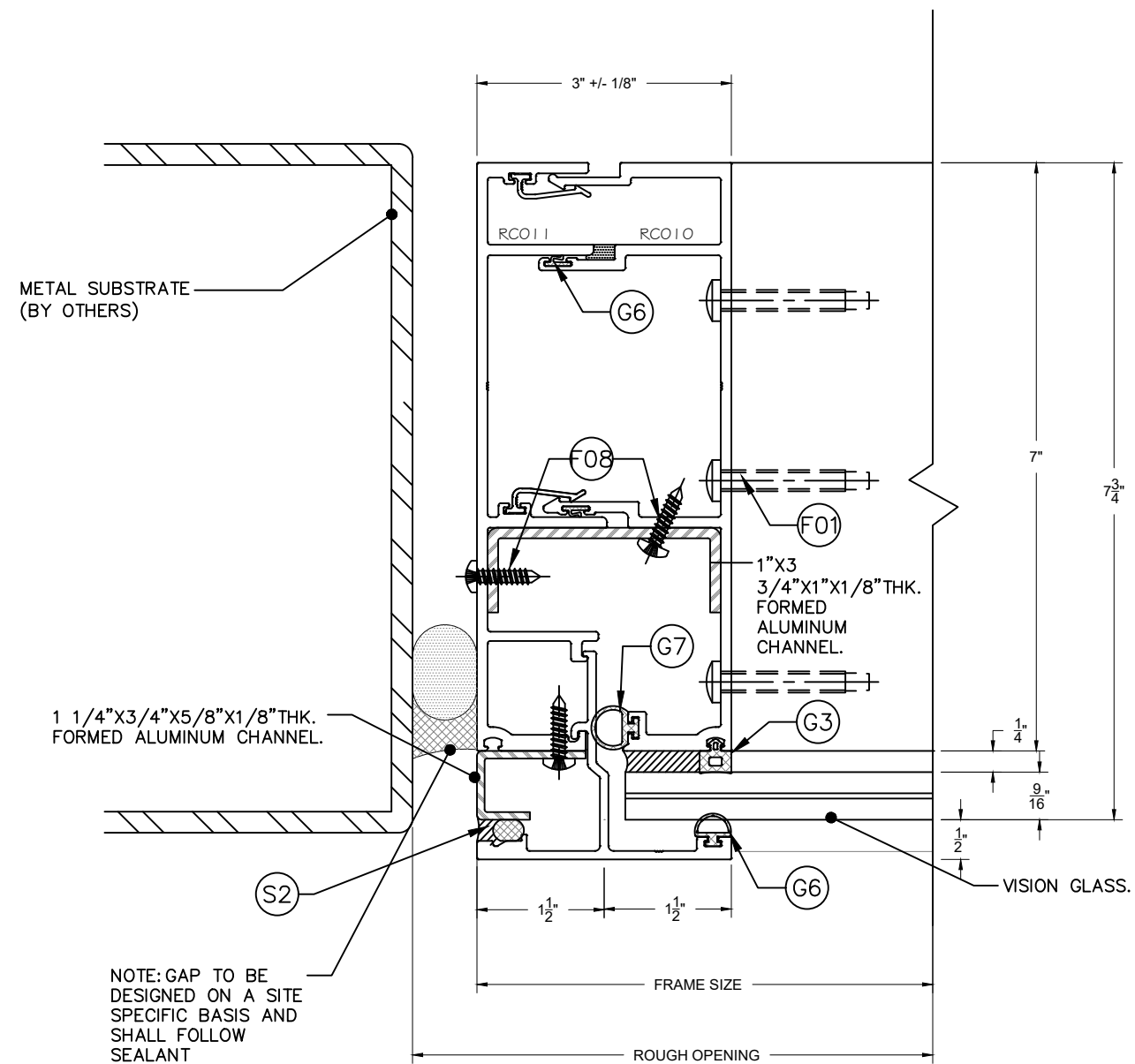
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SERIES 3580
CURTAIN WALL
L.M.I. & S.M.I

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24-0197P.13

REVISIONS:			
No.	Date:	By:	Description
DATE: July 18th,2024		DRAWN BY: A0	
CHECK BY:		SCALE: 6" = 1'-0"	
SHEET:		SHEET NO.	
41		D-1	



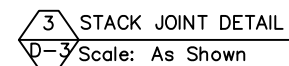
6135 NW 167th St. STE E-1
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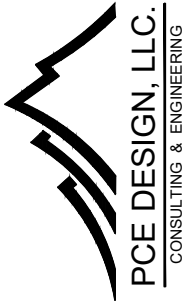
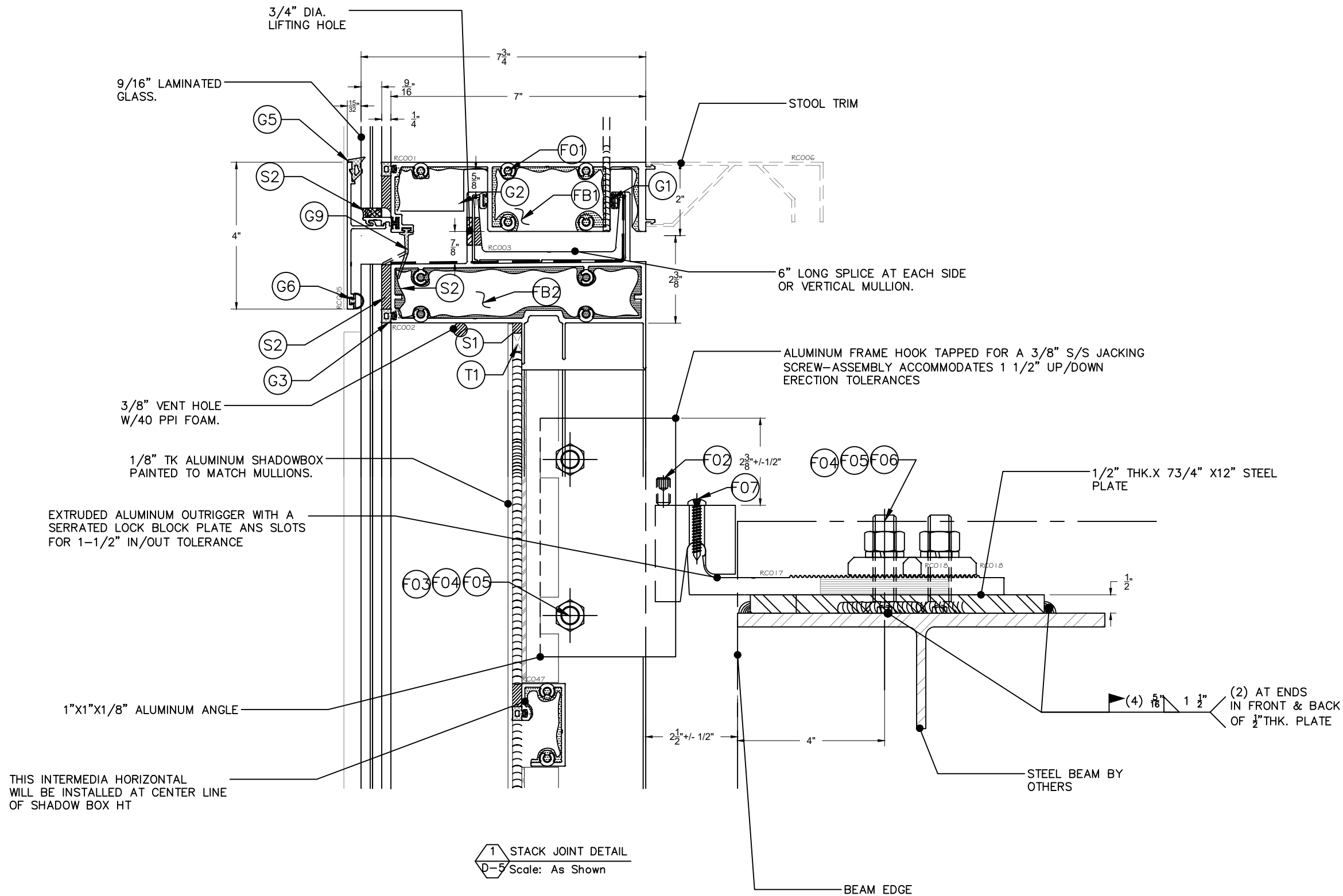
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REVISIONS:			
No.	Date:	By:	Description
DATE: July 18th,2024		DRAWN BY: A0	
CHECK BY:		SCALE: 6" = 1'-0"	
SHEET:		SHEET NO.	
41		D-2	



REVISIONS:			
No.	Date:	By:	Description
DATE: July 18th, 2024			DRAWN BY: AO
CHECK BY			SCALE: 6" = 1'-0"
SHEET:			SHEET NO.
15 41			D-4



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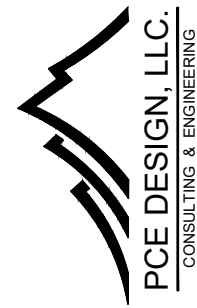
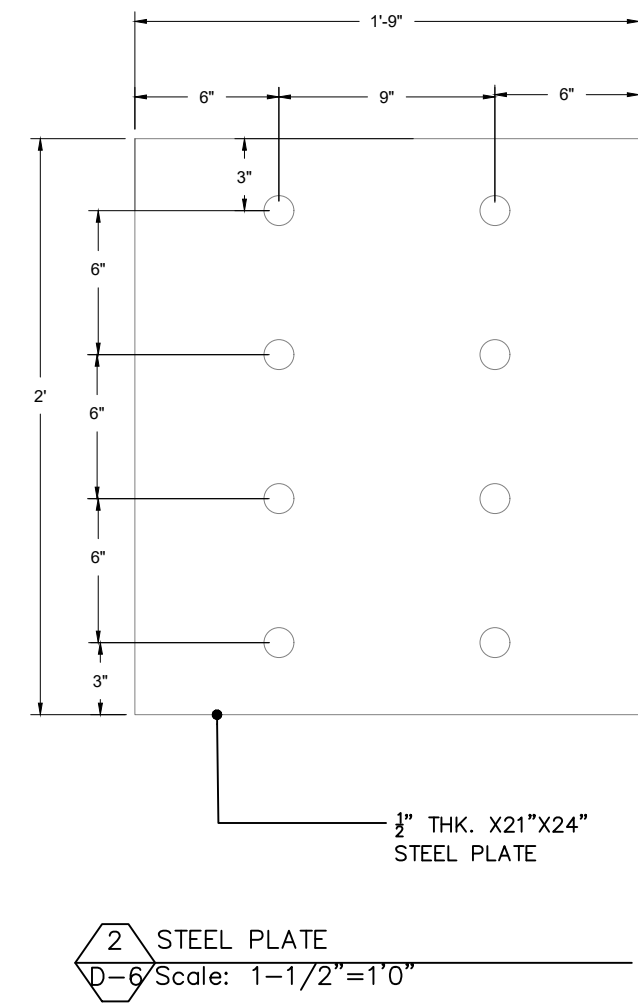
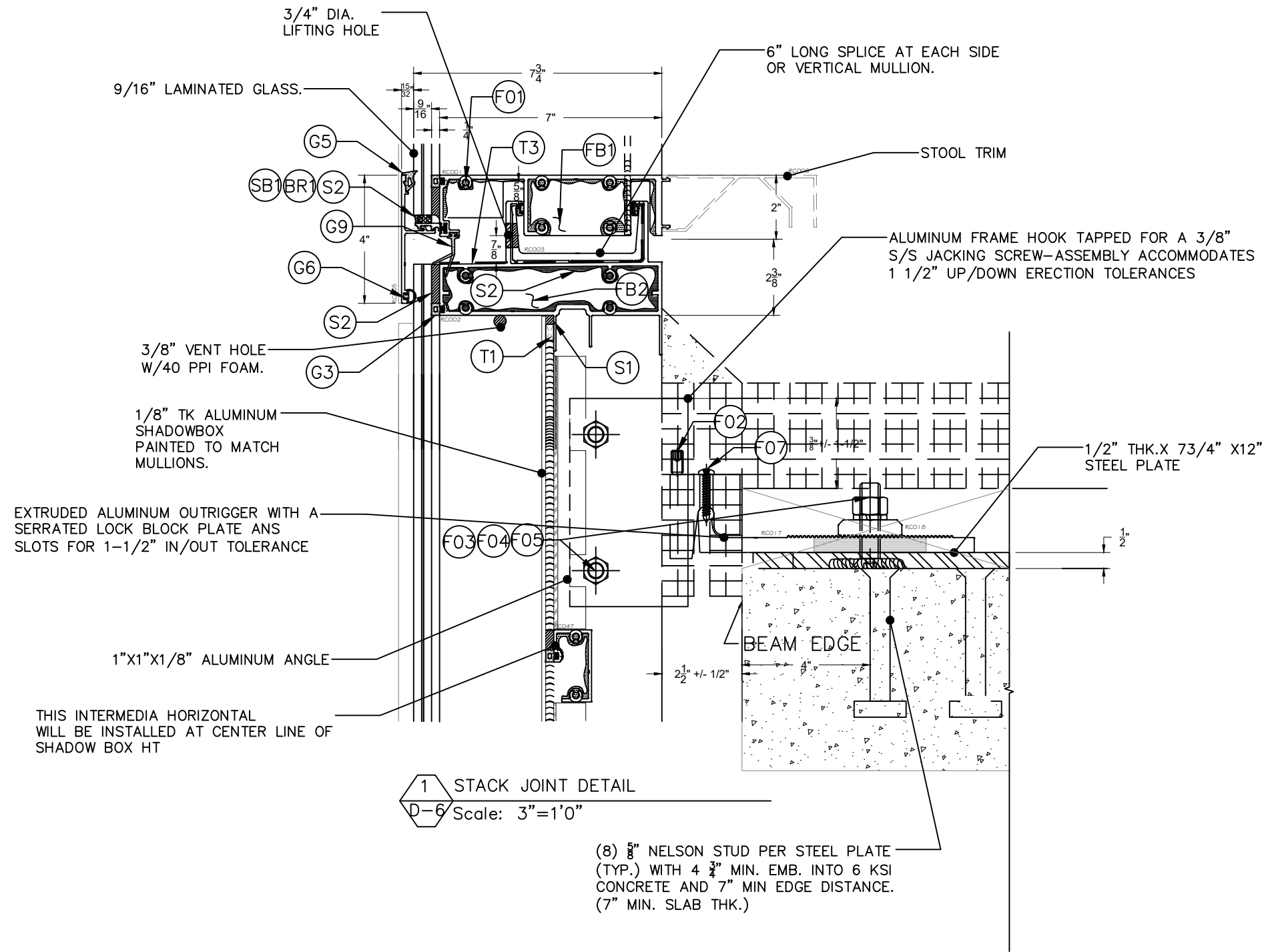
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REVISIONS:			
No.	Date:	By:	Description
DATE: July 18th,2024		DRAWN BY: A0	
CHECK BY:		SCALE: 4" = 1'-0"	
SHEET:		SHEET NO.	
18 41		D-5	



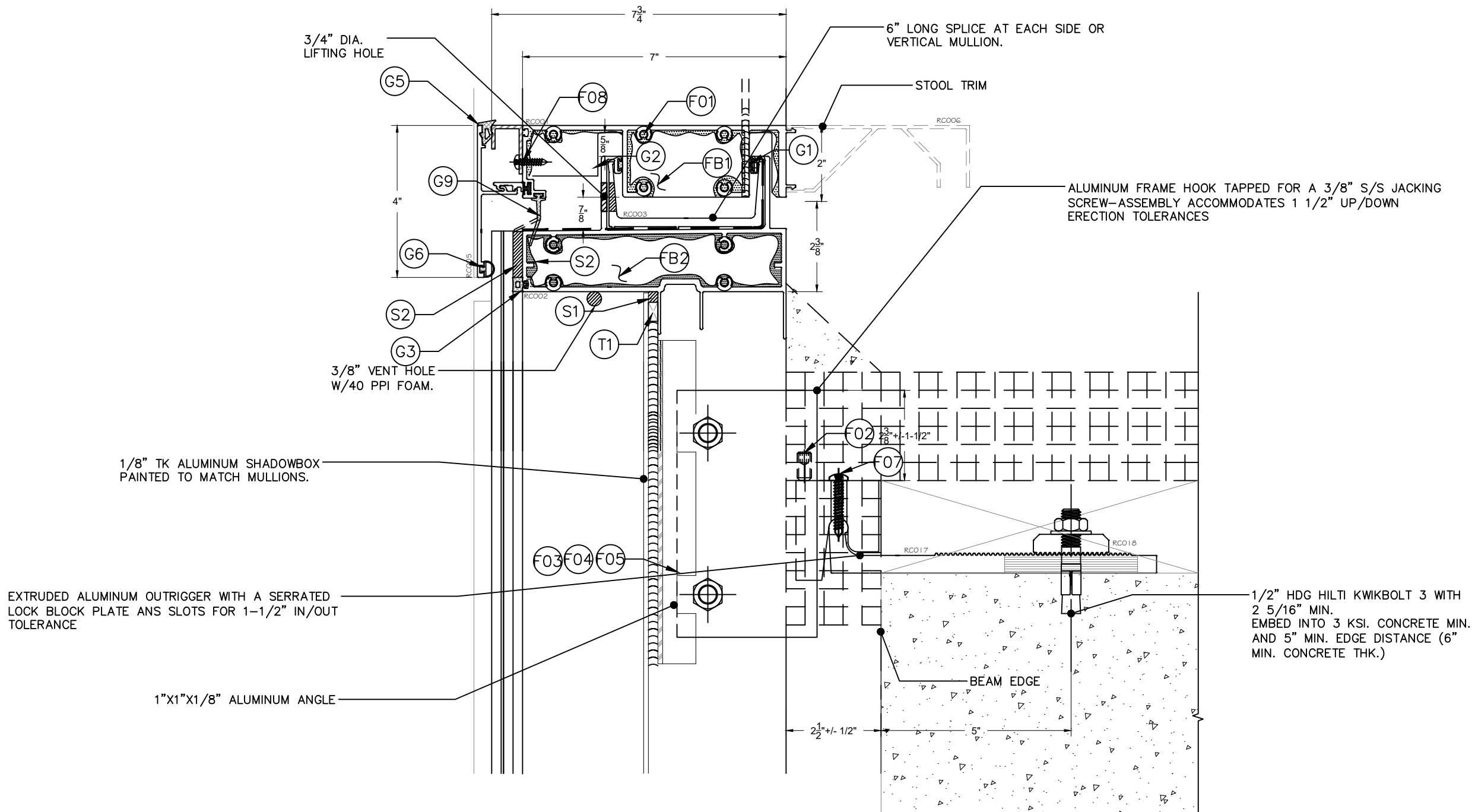
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REVISIONS:			
No.	Date:	By:	Description
DATE: July 18th,2024		DRAWN BY: A0	
CHECK BY:		SCALE: AS SHOWN	
SHEET:		SHEET NO.	
41		D-6	



1 CANTILEVER DETAIL
D-7 Scale: As Shown



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CURTAIN WALL
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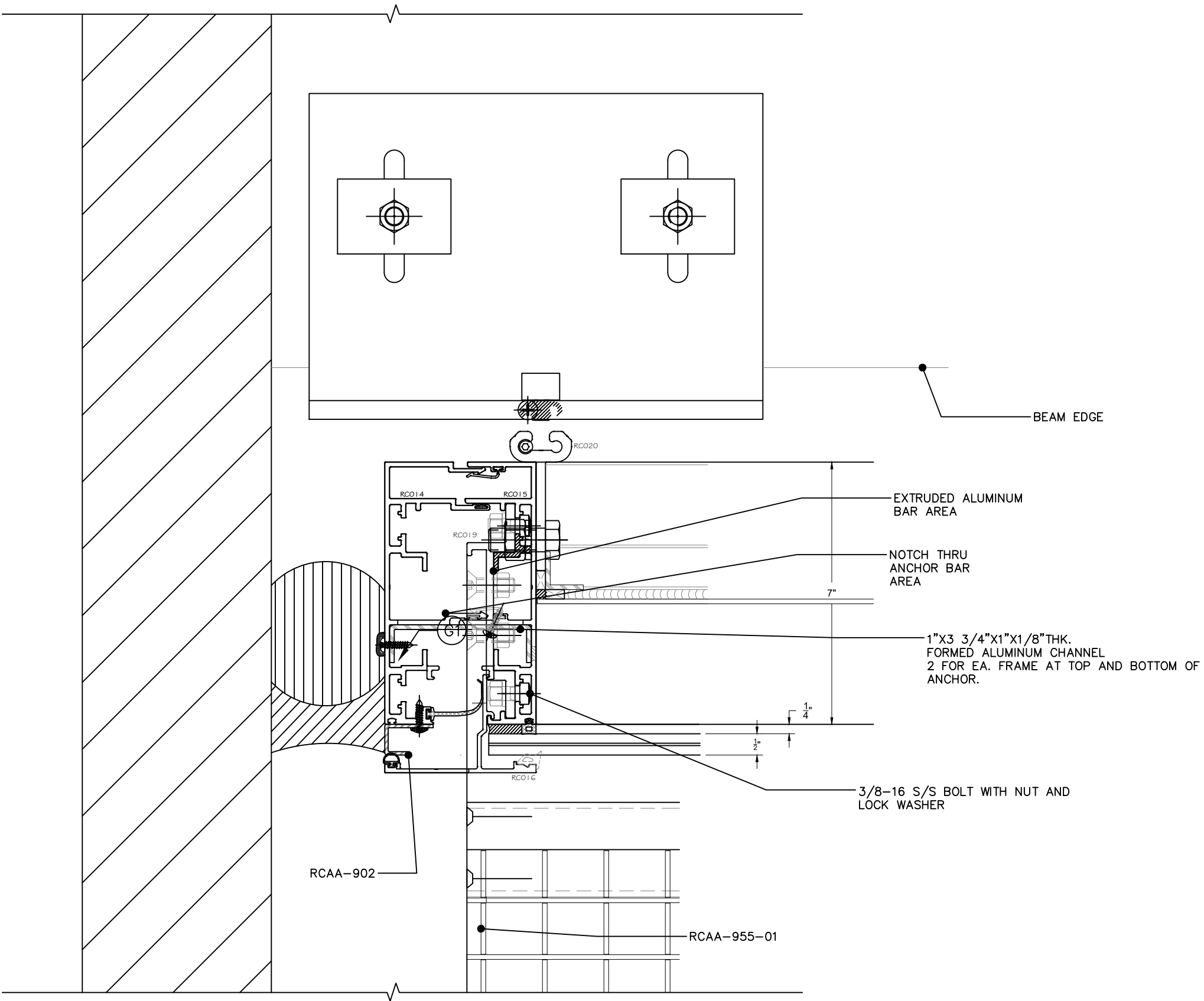
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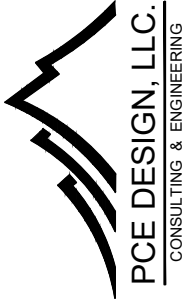
REVISIONS:

No.	Date:	By:	Description

DATE: July 18th,2024	DRAWN BY: A0
CHECK BY:	SCALE: 4" = 1'-0"
SHEET: 41	SHEET NO. D-7



1 JAMB DETAIL OUTRIGGER
D-9 Scale: As Shown



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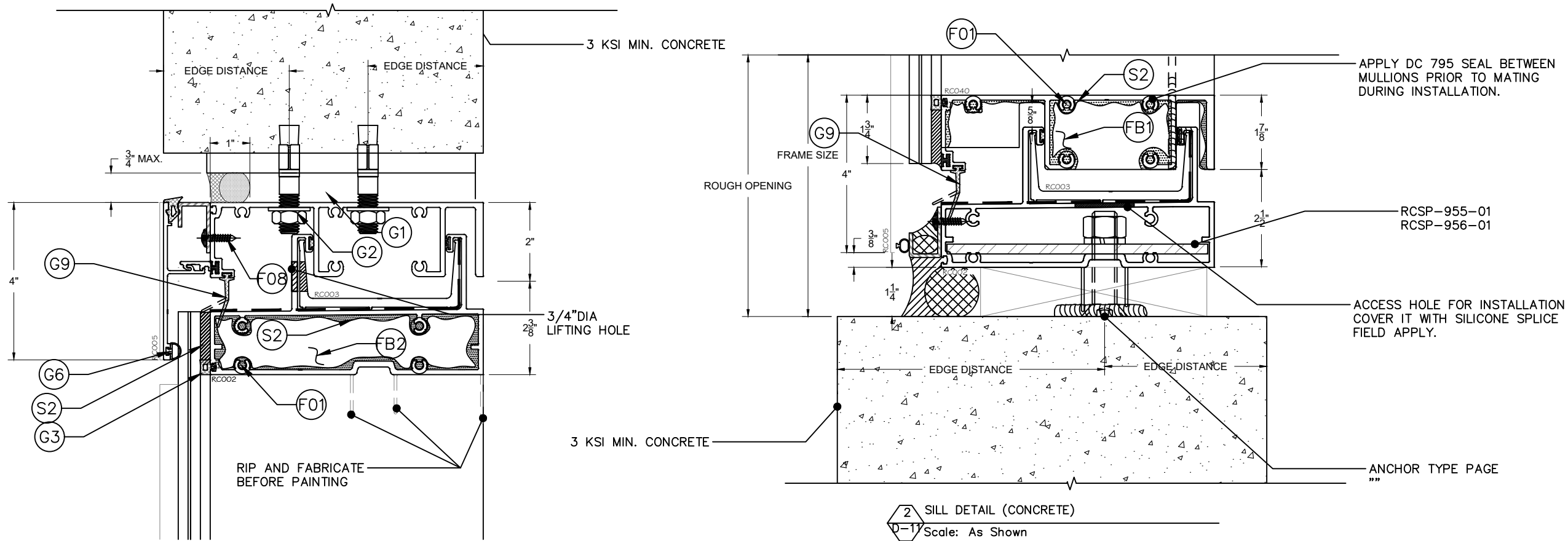
SERIES 3580
CURTAIN WALL
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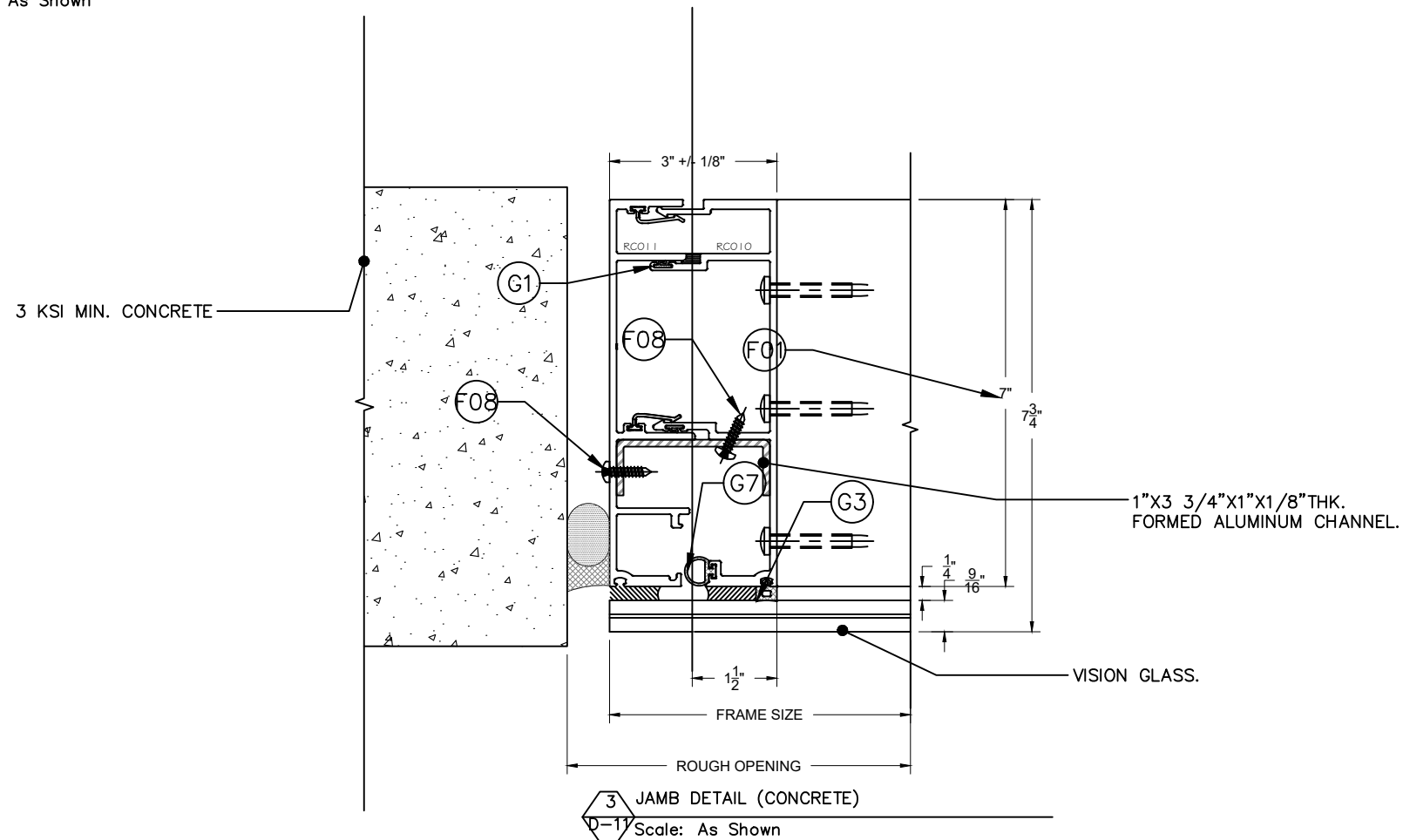
24-0197P.13

REVISIONS:			
No.	Date:	By:	Description
DATE: July 18th,2024		DRAWN BY: A0	
CHECK BY		SCALE: 4" = 1'-0"	
SHEET:		SHEET NO.	
28 41		D-9	



1 HEAD DETAIL (CONCRETE)
D-1 Scale: As Shown

2 SILL DETAIL (CONCRETE)
D-1 Scale: As Shown



3 JAMB DETAIL (CONCRETE)
D-1 Scale: As Shown



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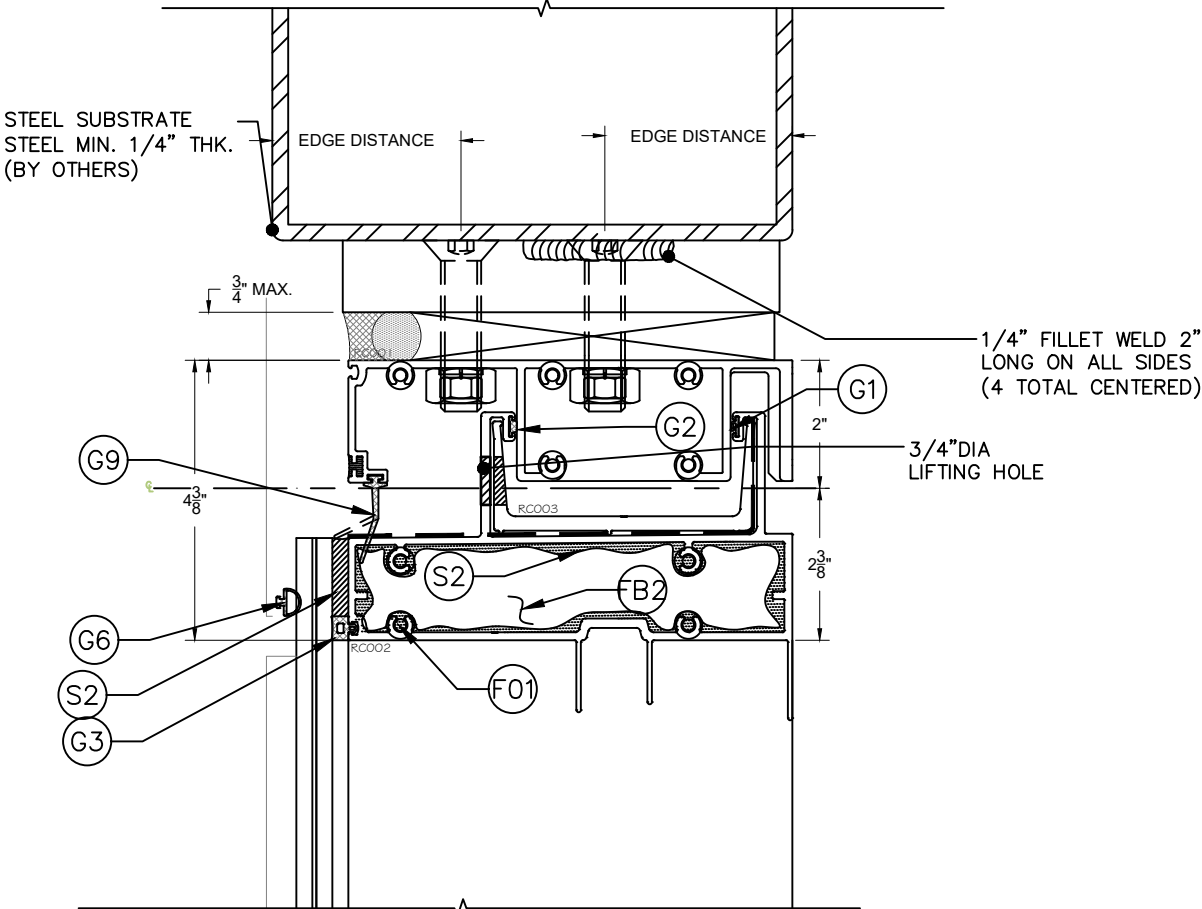
12900 NW 38th AVE.
OPA-LOCKA, FL 33054
Ph. 305-203-0780
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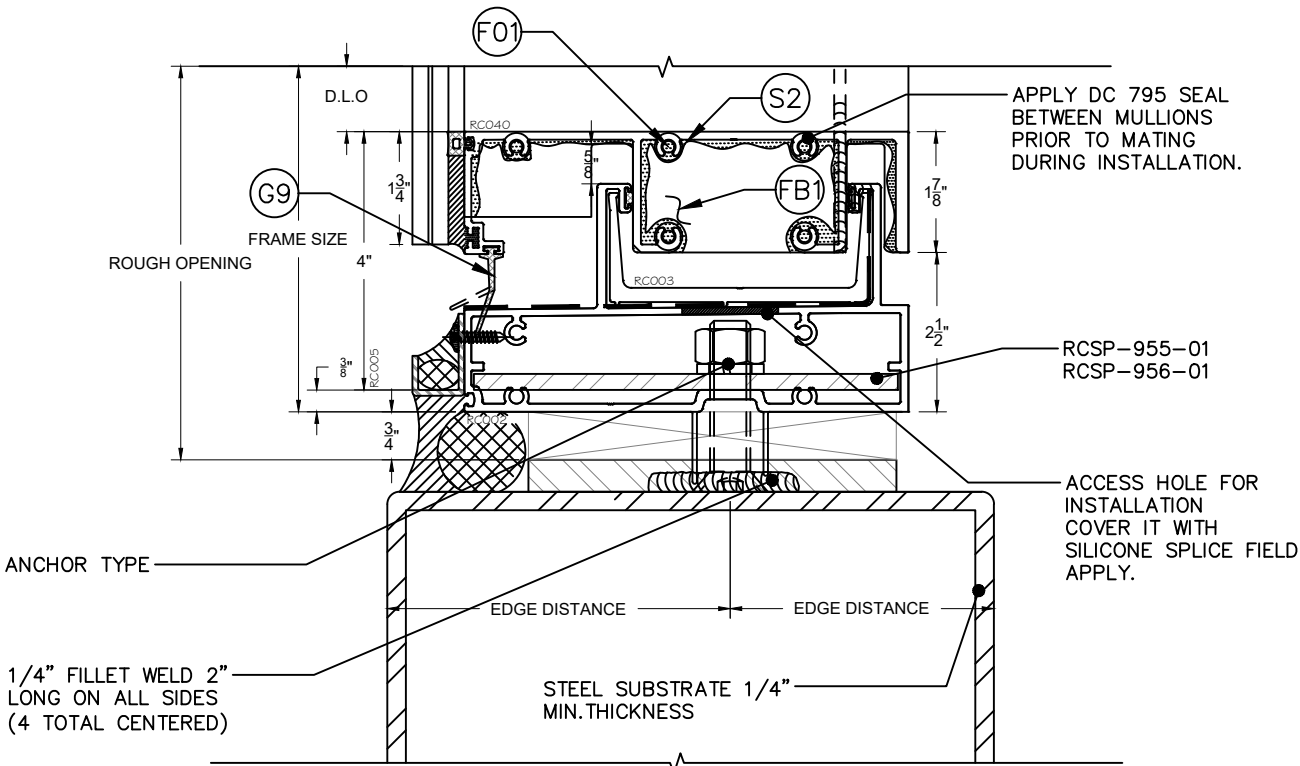
REVISIONS:

No.	Date:	By:	Description

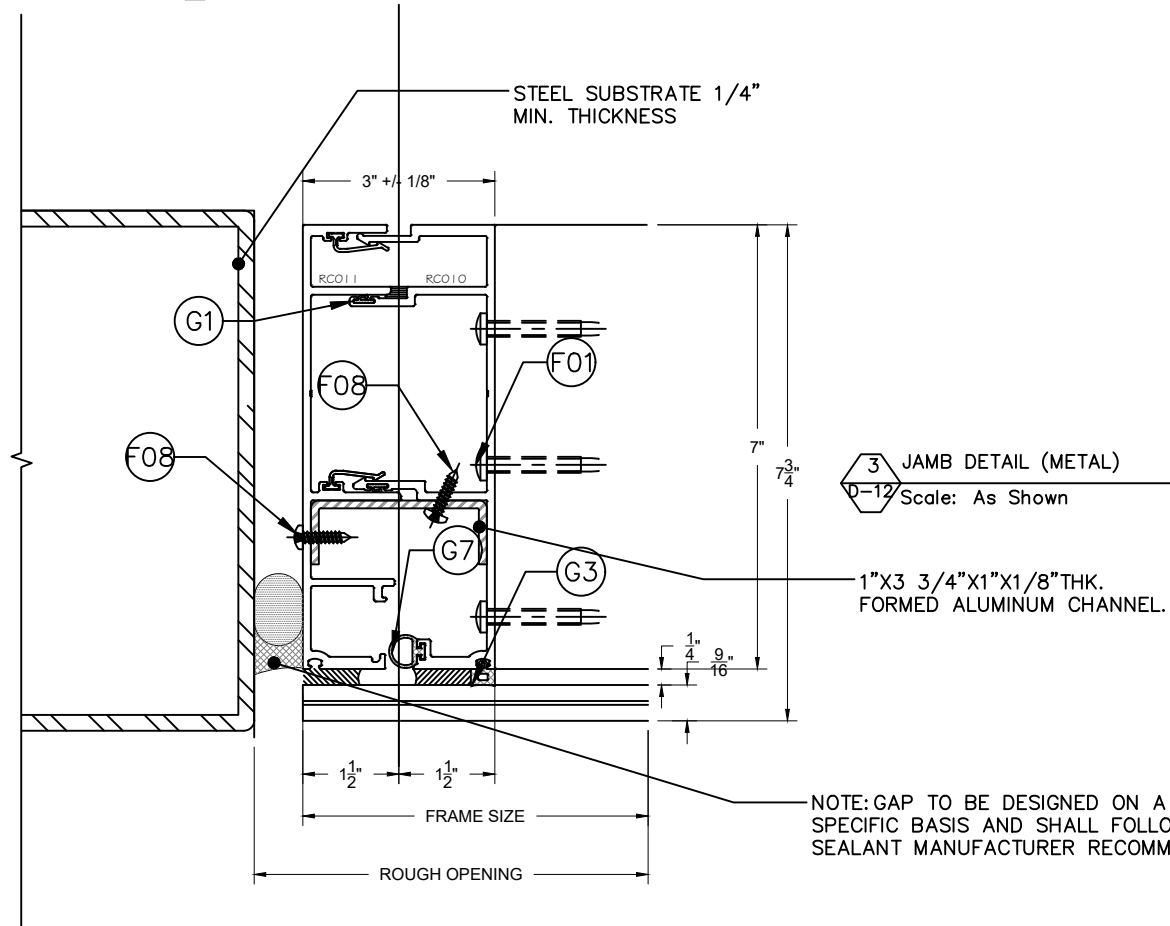
DATE: July 18th,2024	DRAWN BY: A0
CHECK BY:	SCALE: 4" = 1'-0"
SHEET: 41	SHEET NO. D-11



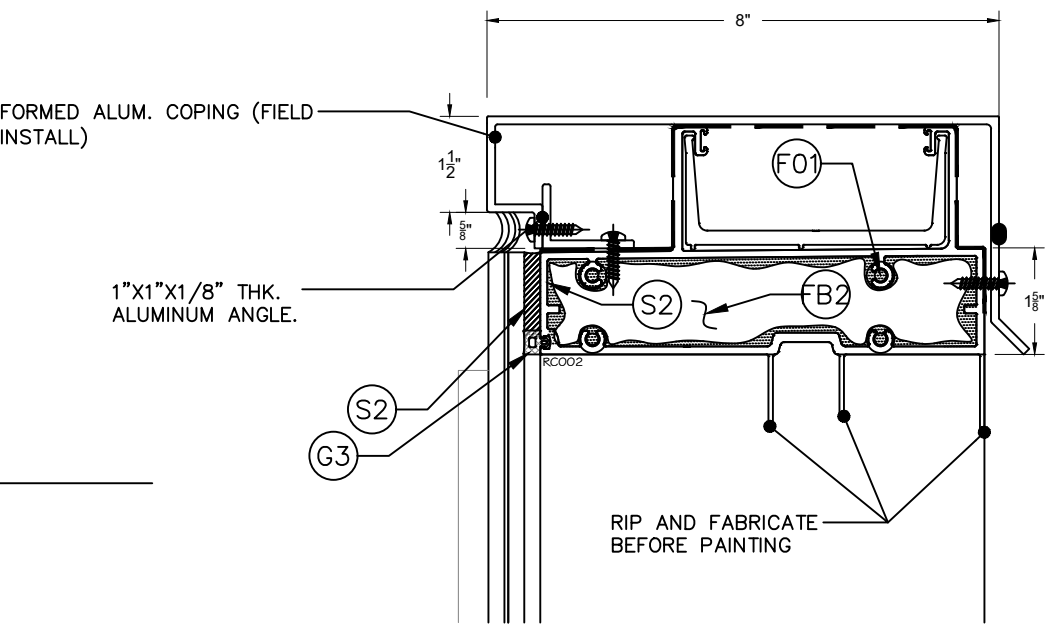
1 HEAD DETAIL (METAL)
D-12 Scale: As Shown



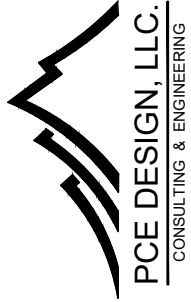
2 SILL DETAIL (METAL)
D-12 Scale: As Shown



3 JAMB DETAIL (METAL)
D-12 Scale: As Shown



4 HEAD AT CANTILEVER
D-12 Scale: As Shown



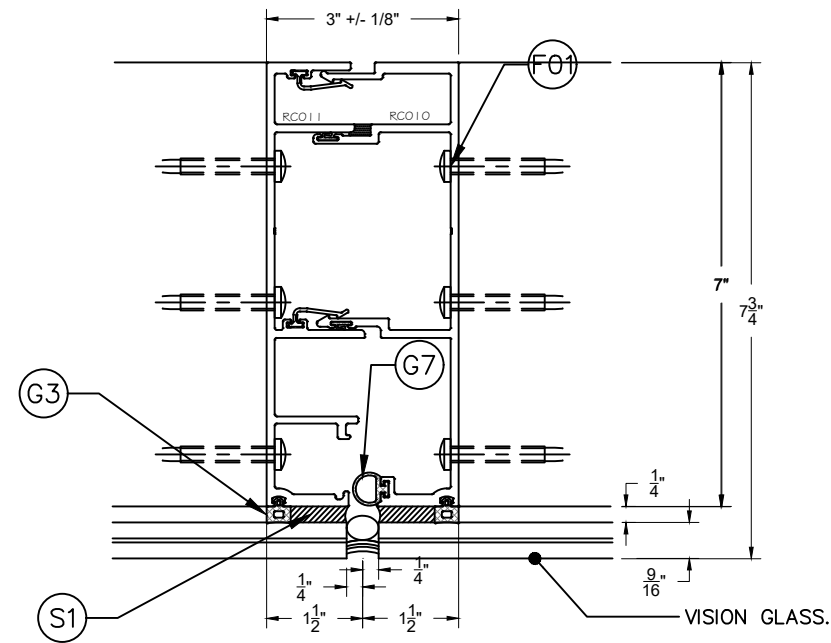
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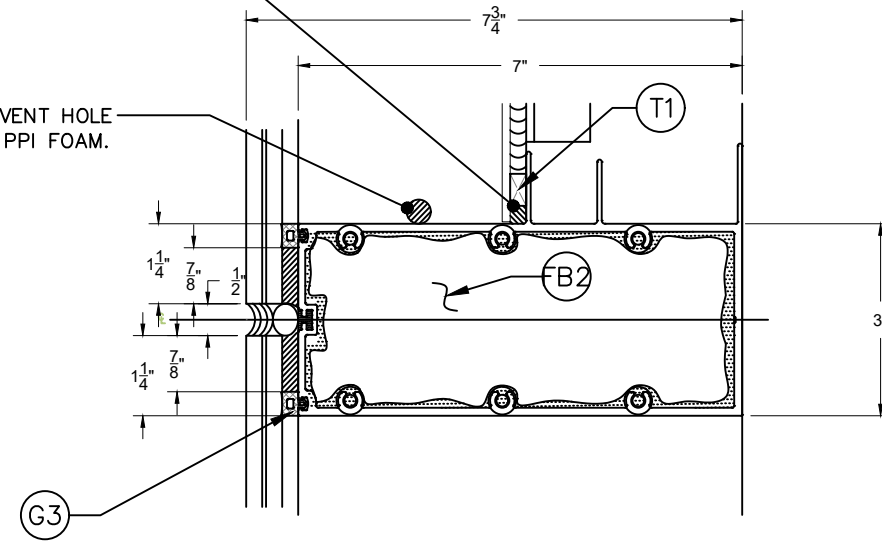
REVISIONS:			
No.	Date:	By:	Description
DATE: July 18th,2024		DRAWN BY: A0	
CHECK BY:		SCALE: 4" = 1'-0"	
SHEET:		SHEET NO.	
23 41		D-12	



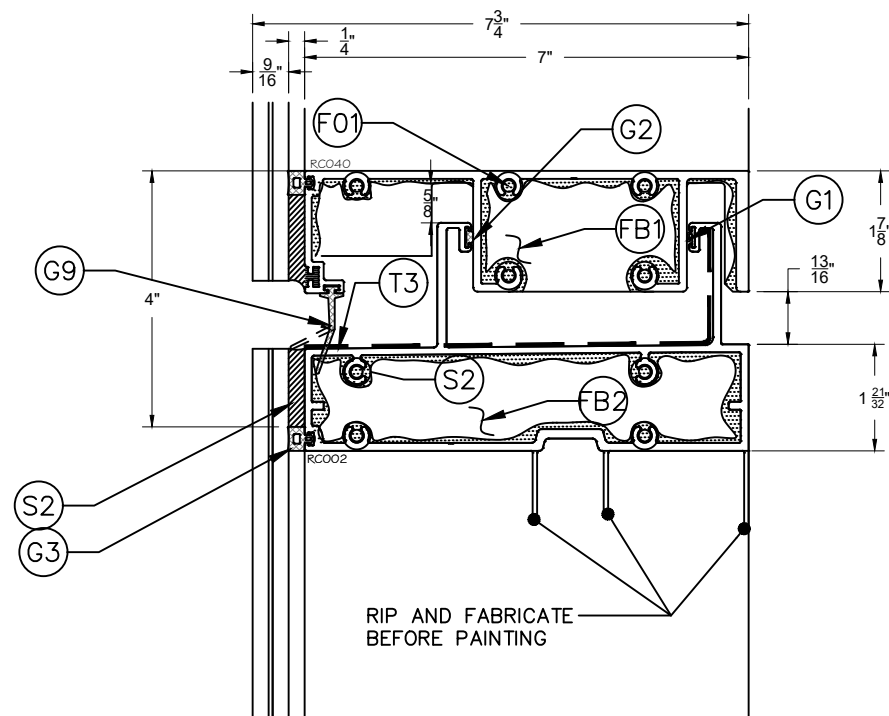
1 VERTICAL INTERMEDIATE DETAIL
D-13 Scale: As Shown

APPLY STRUCTURAL
SILICONE PRIOR TO
DROPPING SHADOW
BOX PANEL

3/8\" VENT HOLE
W/40 PPI FOAM.



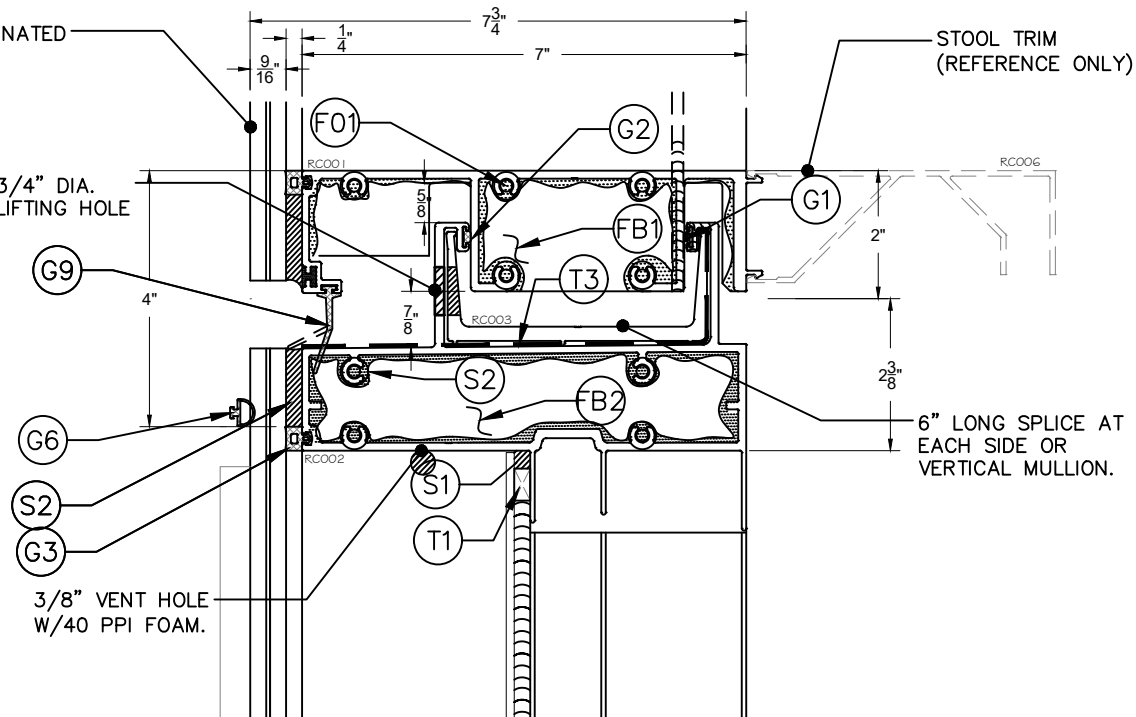
2 HORIZONTAL INTERMEDIATE DETAIL
D-13 Scale: As Shown



3 STACK JOINT DETAIL
D-13 Scale: As Shown

9/16\" LAMINATED
GLASS.

3/4\" DIA.
LIFTING HOLE



4 STACK JOINT DETAIL
D-13 Scale: As Shown



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No.	Date:	By:	Description

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SHEET:

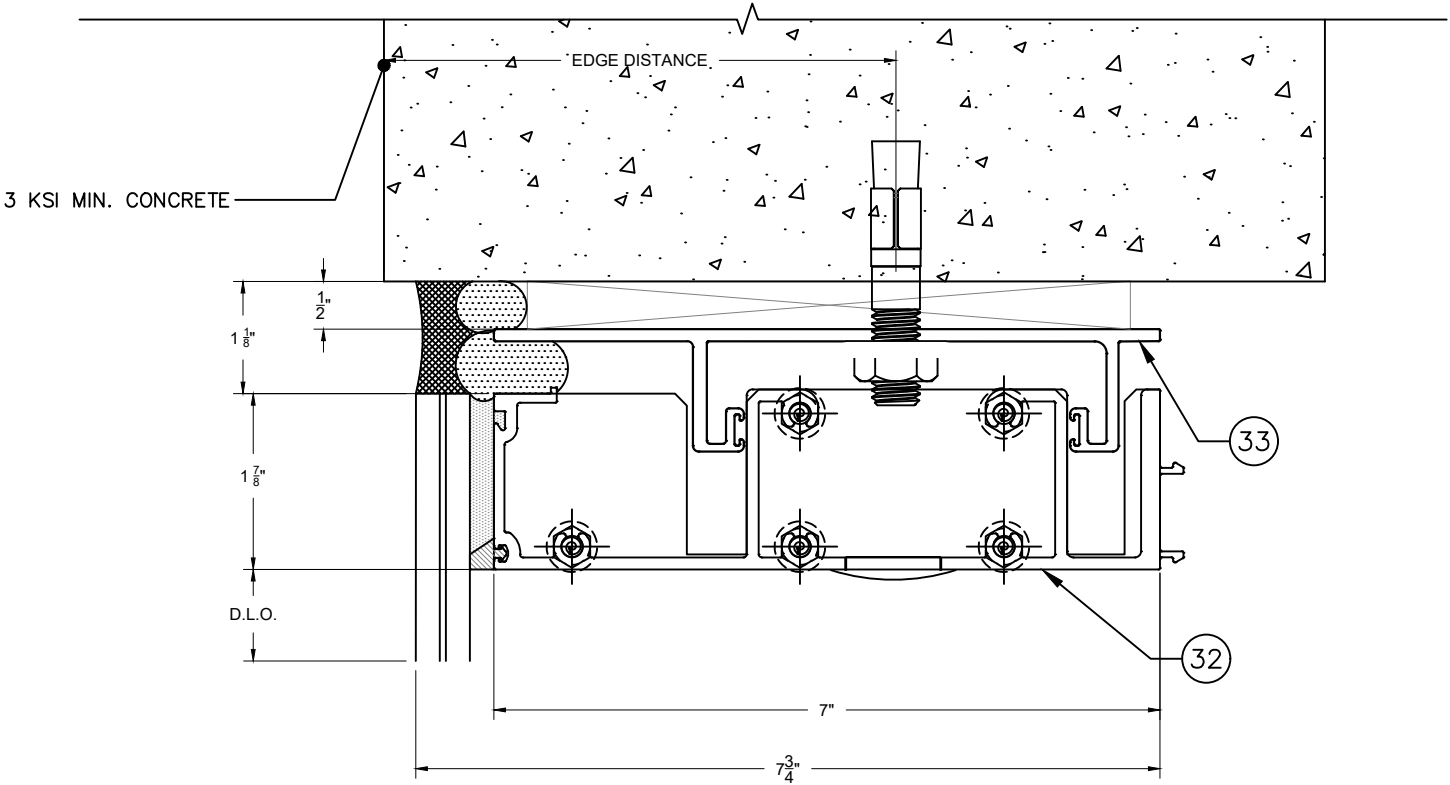
24 41

DRAWN BY:
A0

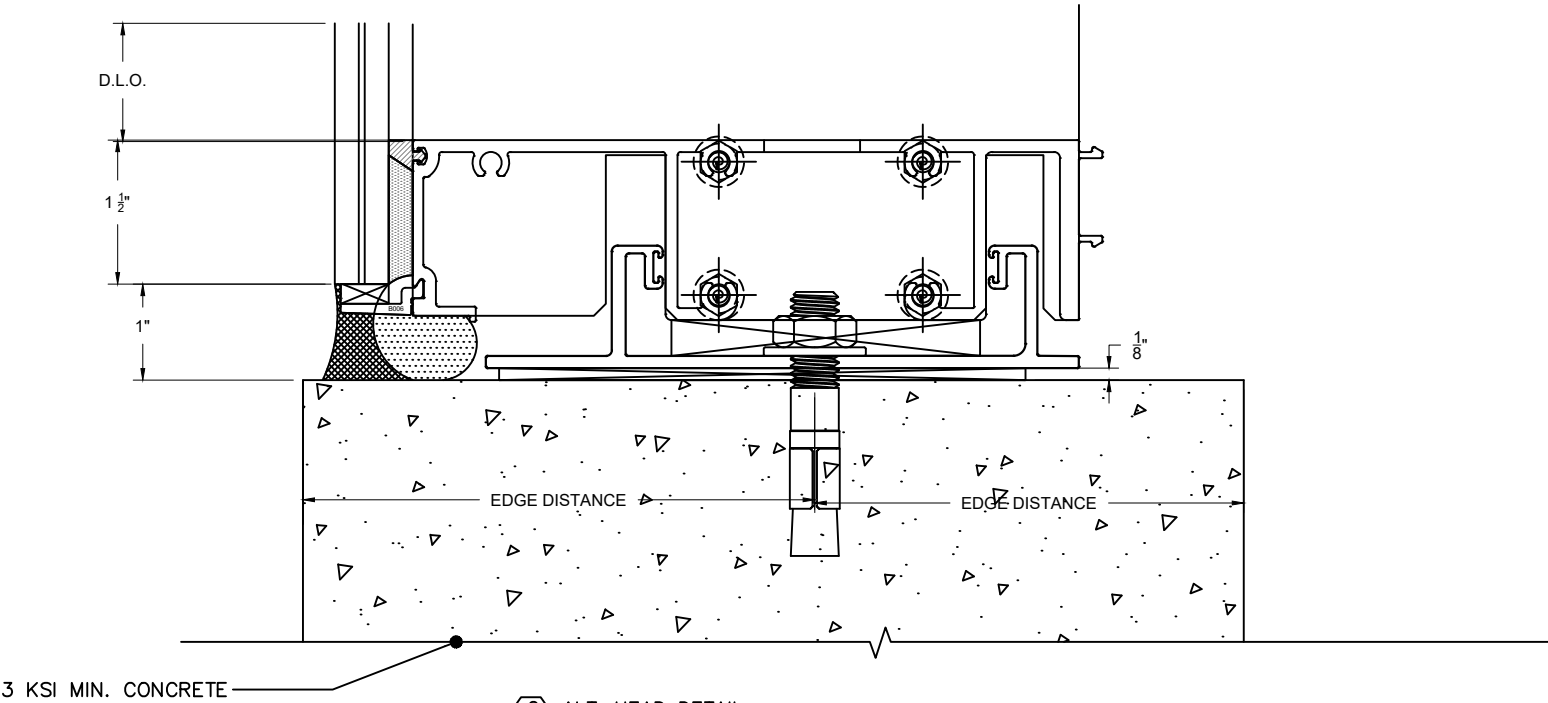
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SHEET NO.

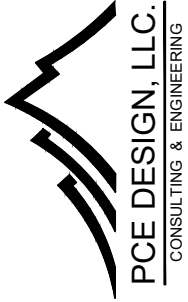
D-13



1 ALT. HEAD DETAIL
D-14 Scale: As Shown



2 ALT. HEAD DETAIL
D-14 Scale: As Shown



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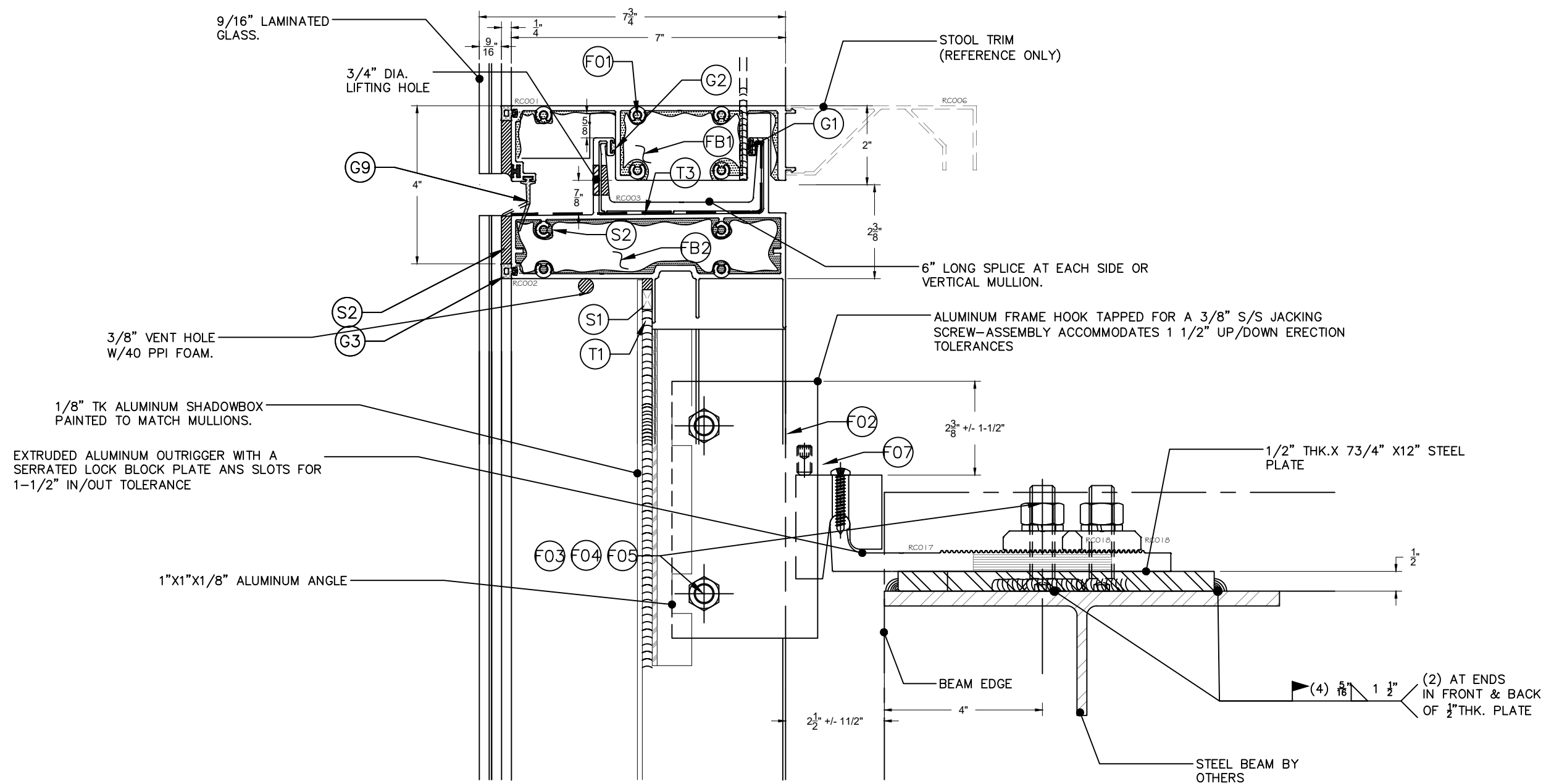
SERIES 3580
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No.	Date:	By:	Description
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SHEET:		SHEET NO.	
28 41		D-14	



1 STACK JOINT DETAIL
D-15 Scale: As Shown



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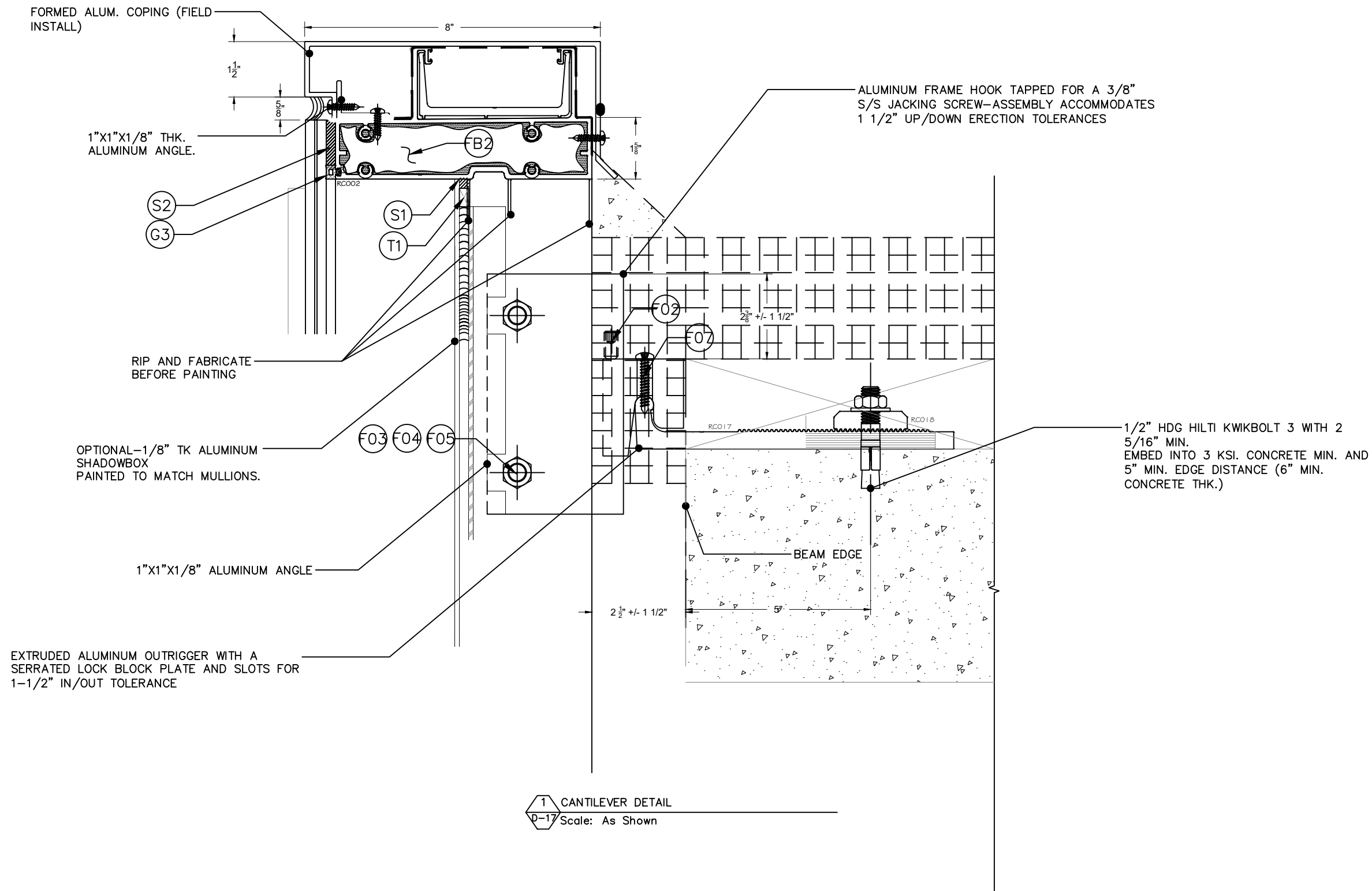
$$4'' = 1' - 0''$$

SHEET:

SHEET:	SHEET NO.
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26 41	D-15
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D-15



1 CANTILEVER DETAIL
D-17 Scale: As Shown



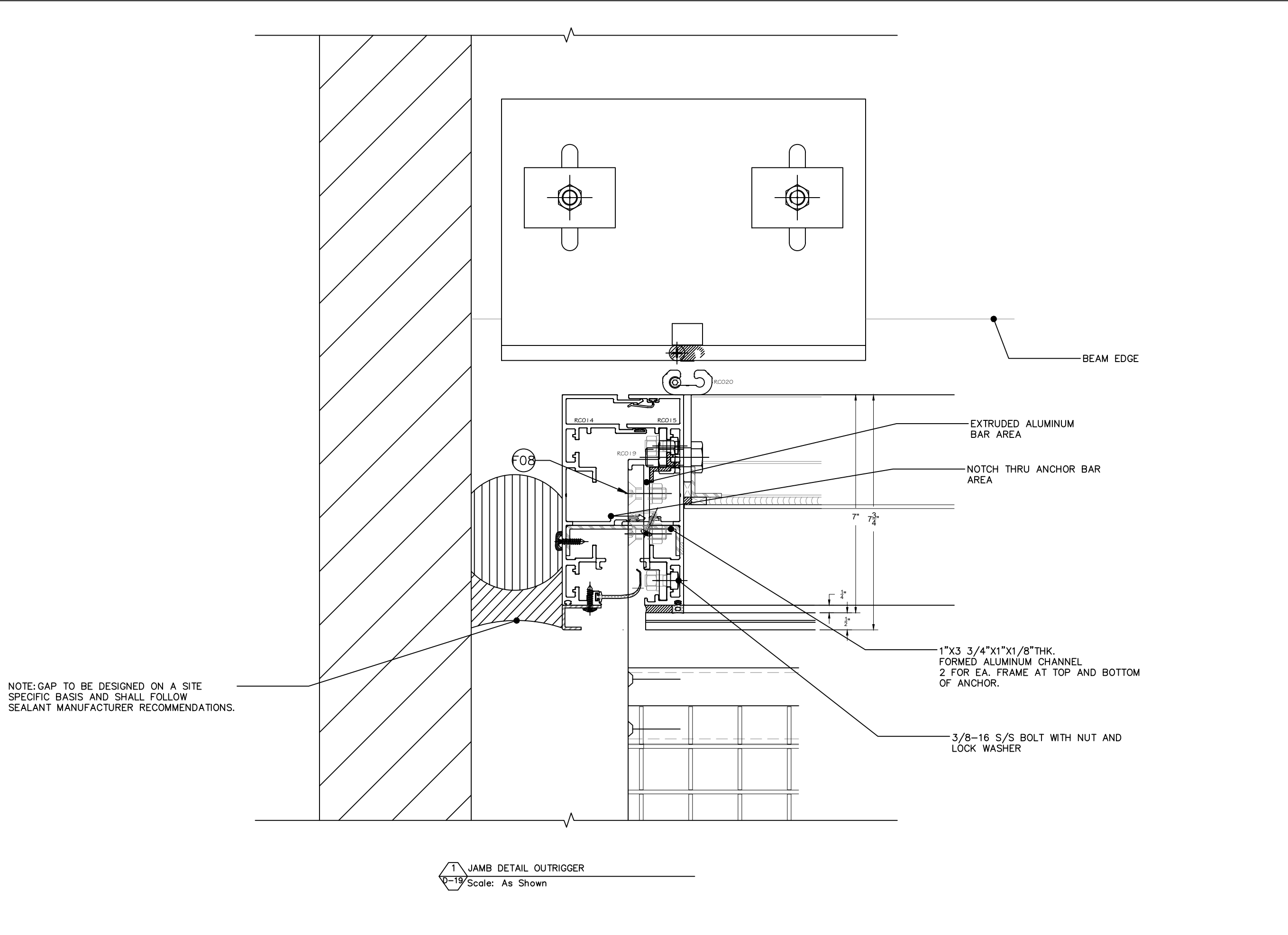
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SHEET:		SHEET NO.	
28 41		D-17	





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REVISIONS:

No.	Date:	By:	Description

DATE:
July 18th,2024

CHECK BY:

SHEET:

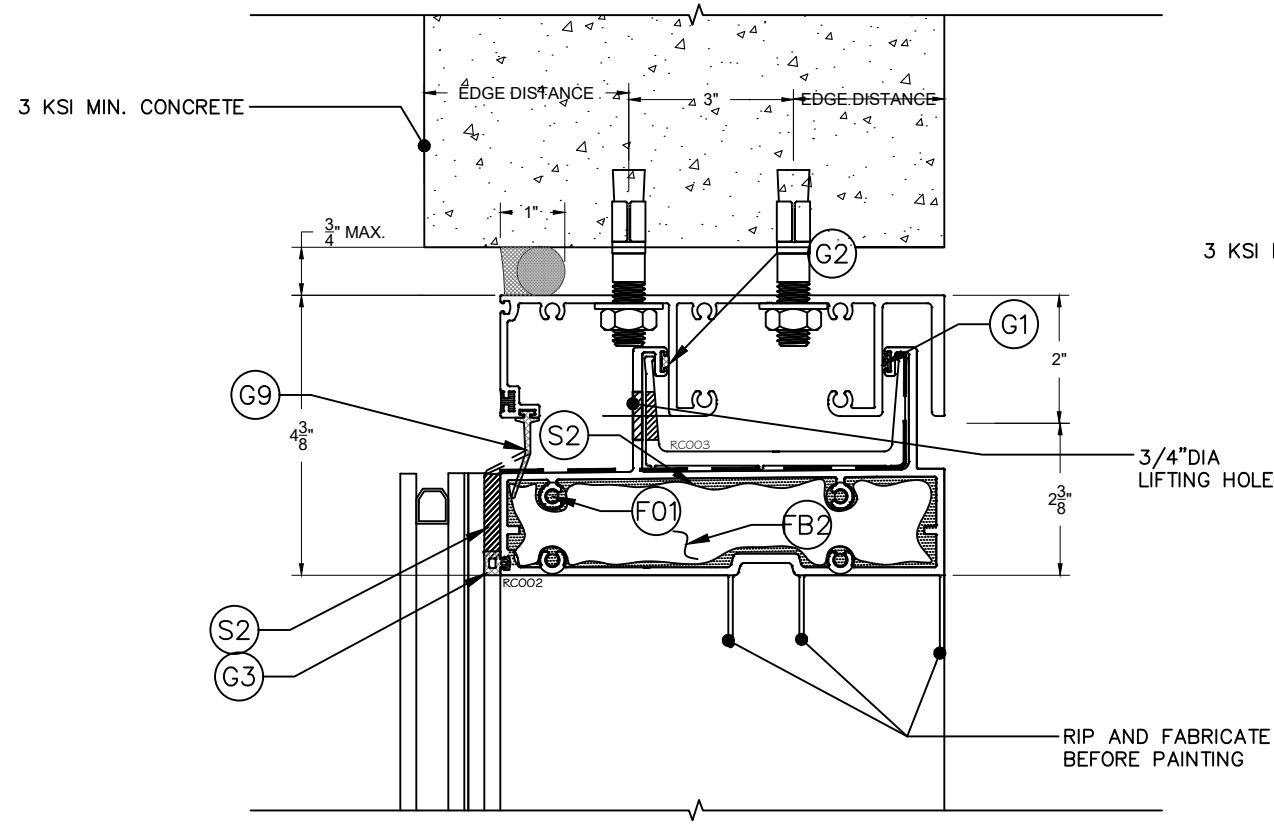
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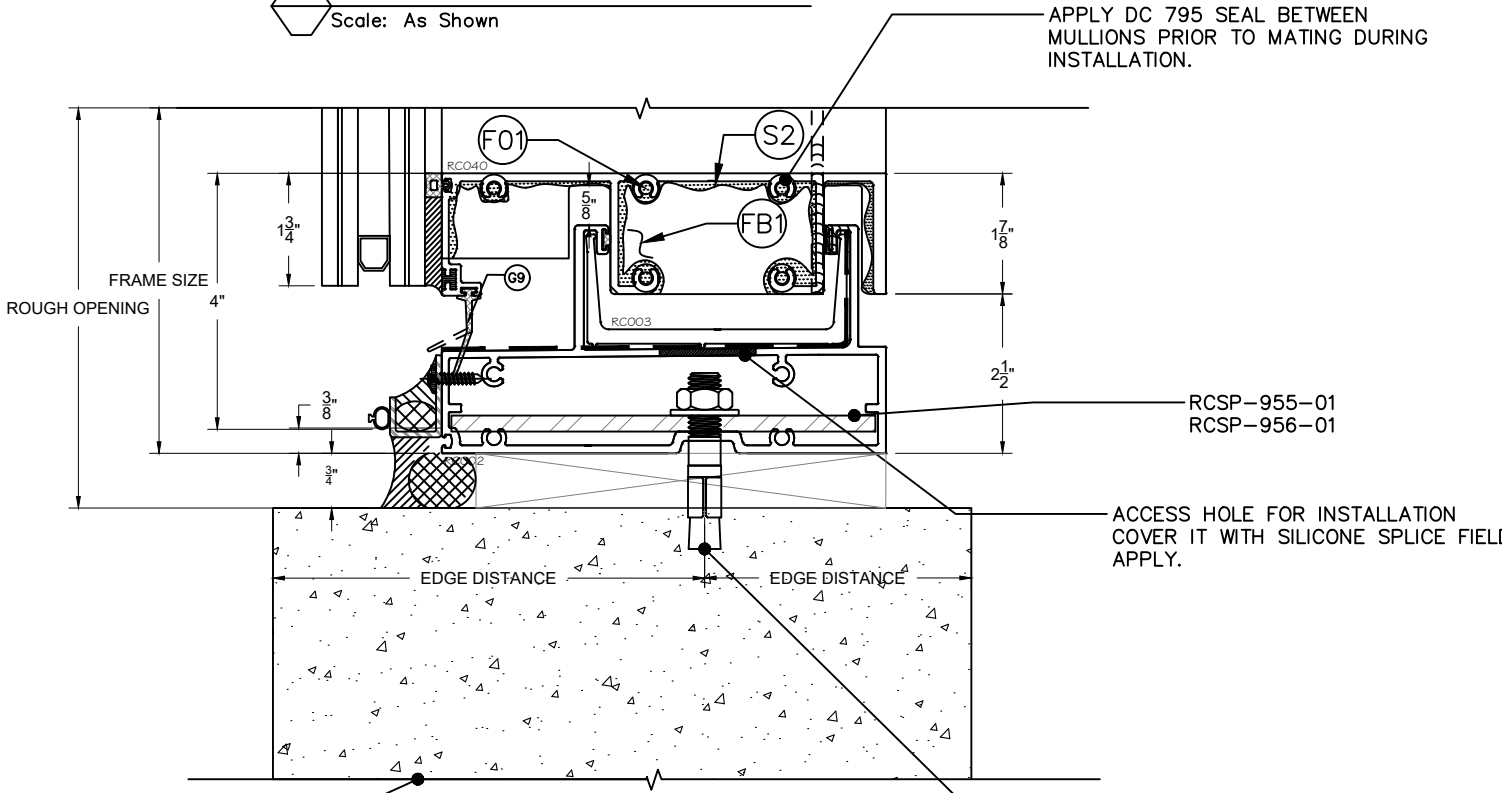
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30 41

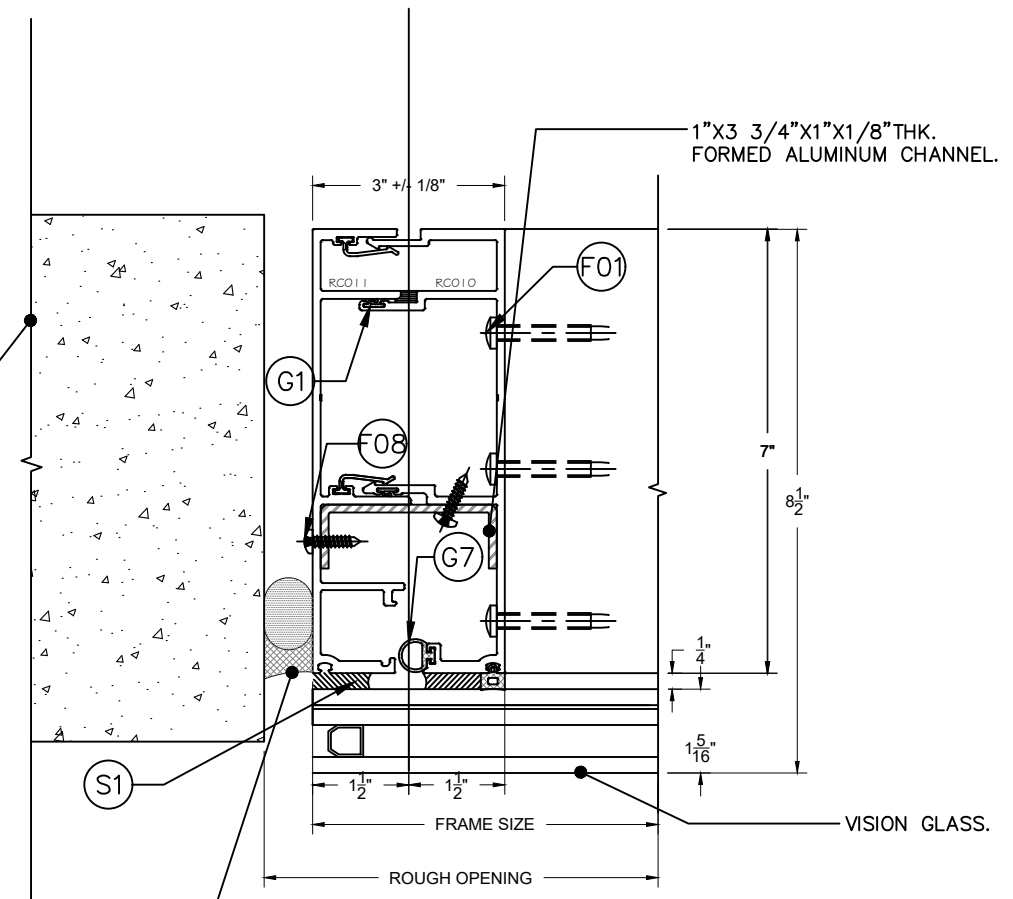
D-19



1 HEAD DETAIL (CONCRETE)
Scale: As Shown

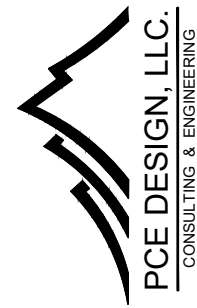


3 SILL DETAIL (CONCRETE)
Scale: As Shown



2 JAMB DETAIL (CONCRETE)
Scale: As Shown

NOTE: GAP TO BE DESIGNED ON A SITE SPECIFIC BASIS AND SHALL FOLLOW SEALANT MANUFACTURER RECOMMENDATIONS.



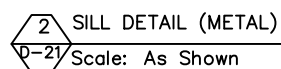
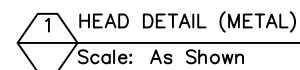
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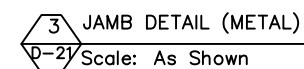
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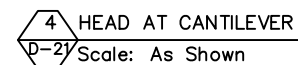
REVISIONS:			
No.	Date:	By:	Description
DATE: July 18th,2024		DRAWN BY: A0	
CHECK BY:		SCALE: 4" = 1'-0"	
SHEET:		SHEET NO.	
3 of 41		D-20	



—1"X3 3/4"X1"X1/8"THK.
FORMED ALUMINUM CHANNEL.



1"X1"X1/8" THK.
ALUMINUM ANGLE.



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SHEET:

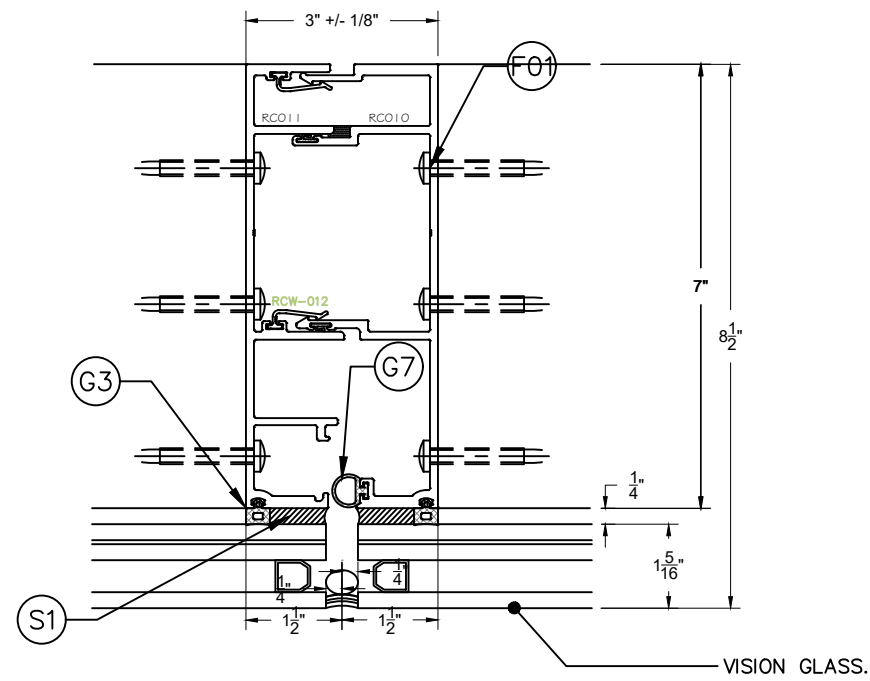
32 41

DRAWN BY:
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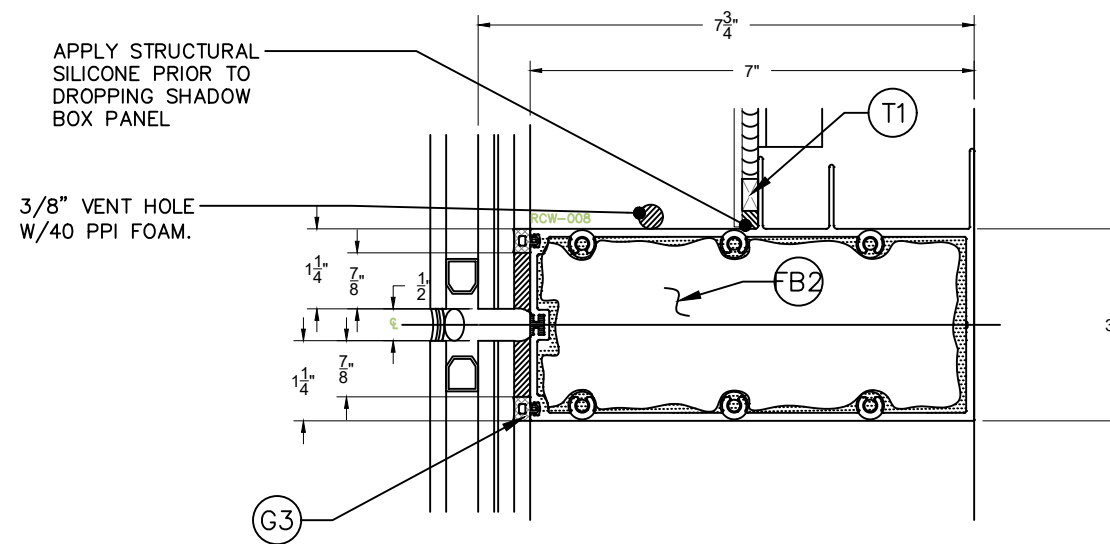
SCALE:

SHEET NO.

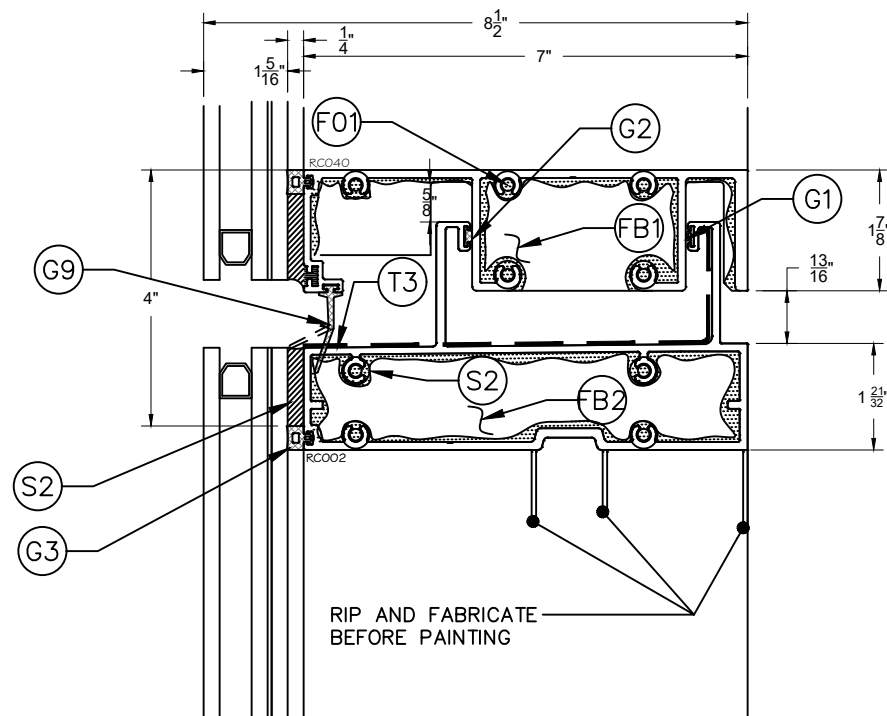
D-21



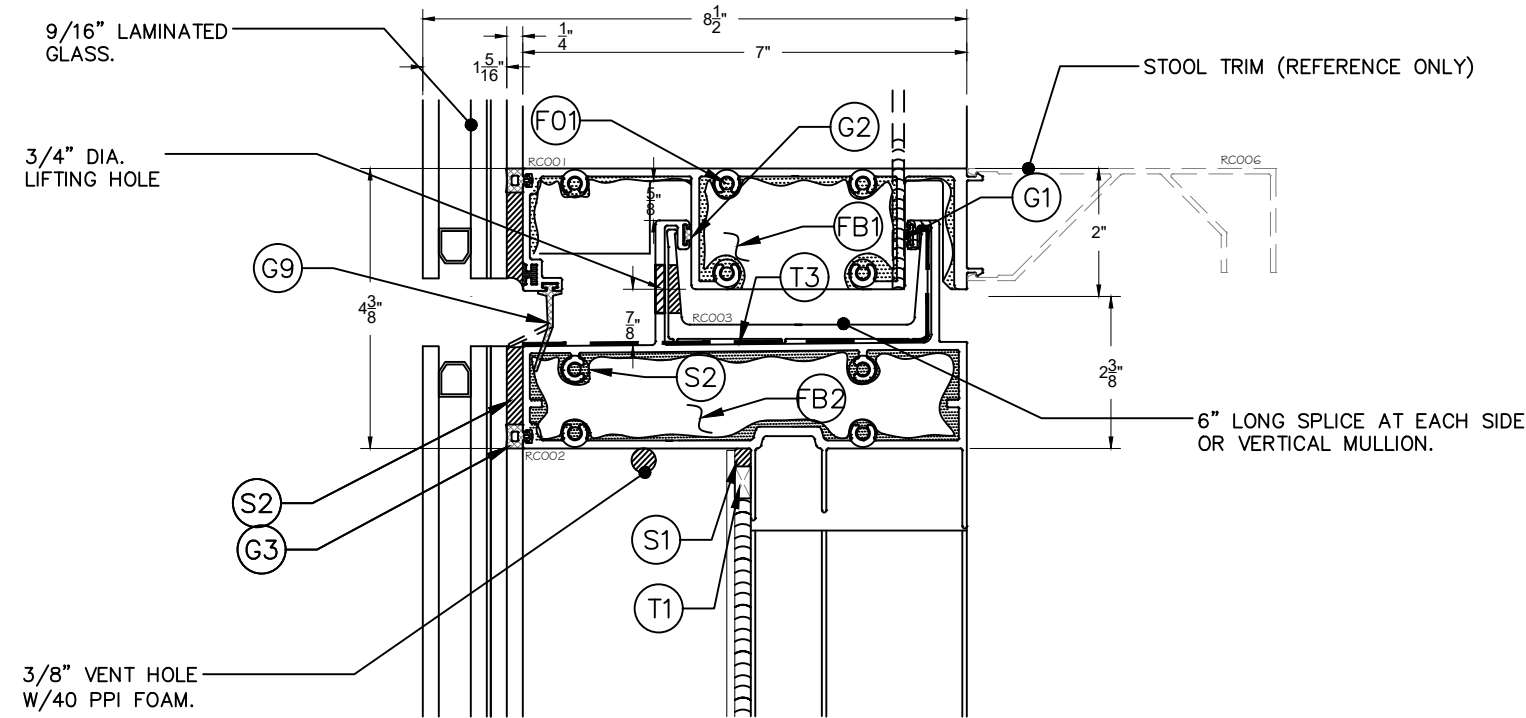
1 VERTICAL INTERMEDIATE DETAIL
D-22 Scale: As Shown



2 HORIZONTAL INTERMEDIATE DETAIL
D-22 Scale: As Shown



3 STACK JOINT DETAIL
D-22 Scale: As Shown



4 STACK JOINT DETAIL
D-22 Scale: As Shown



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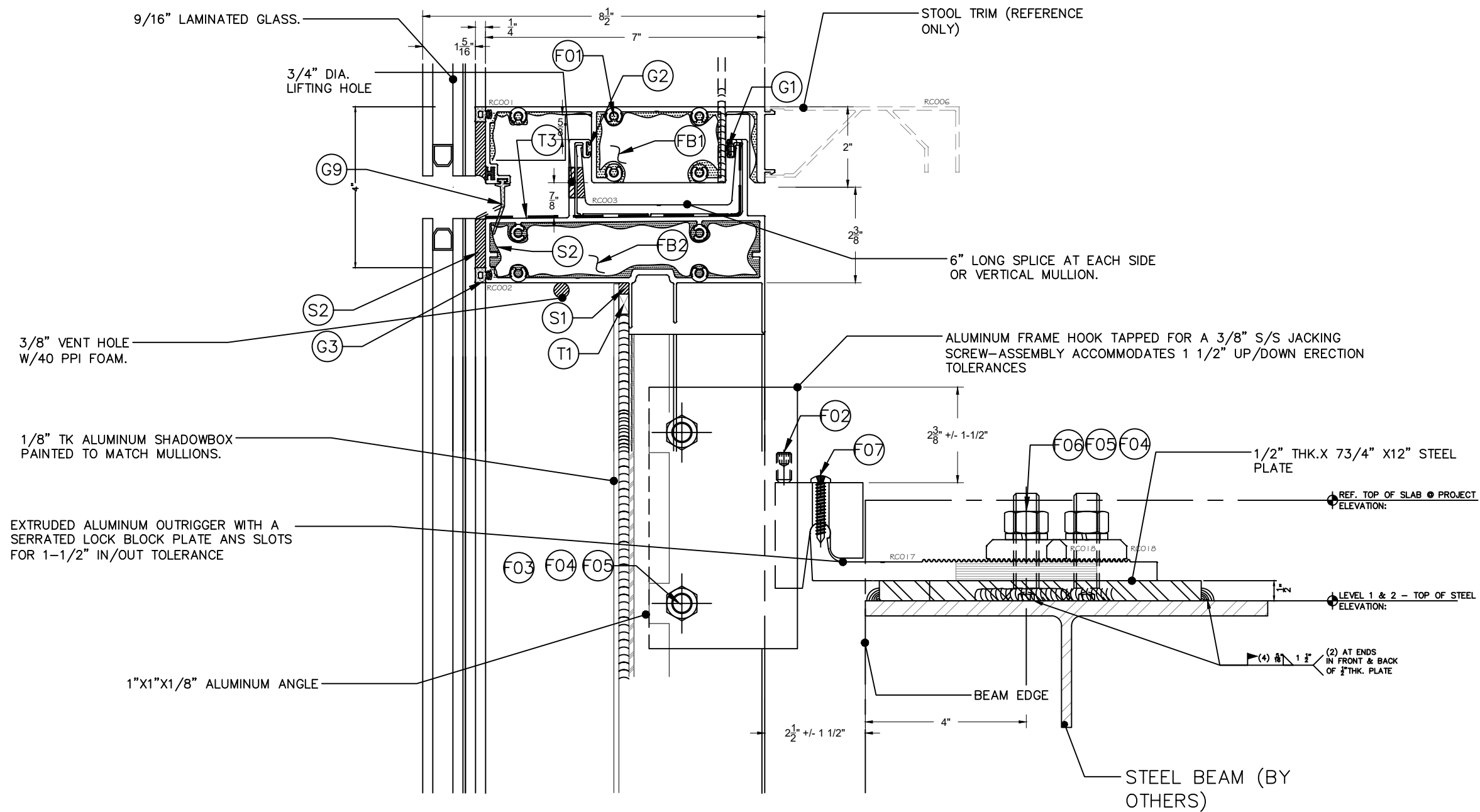
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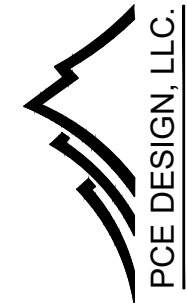
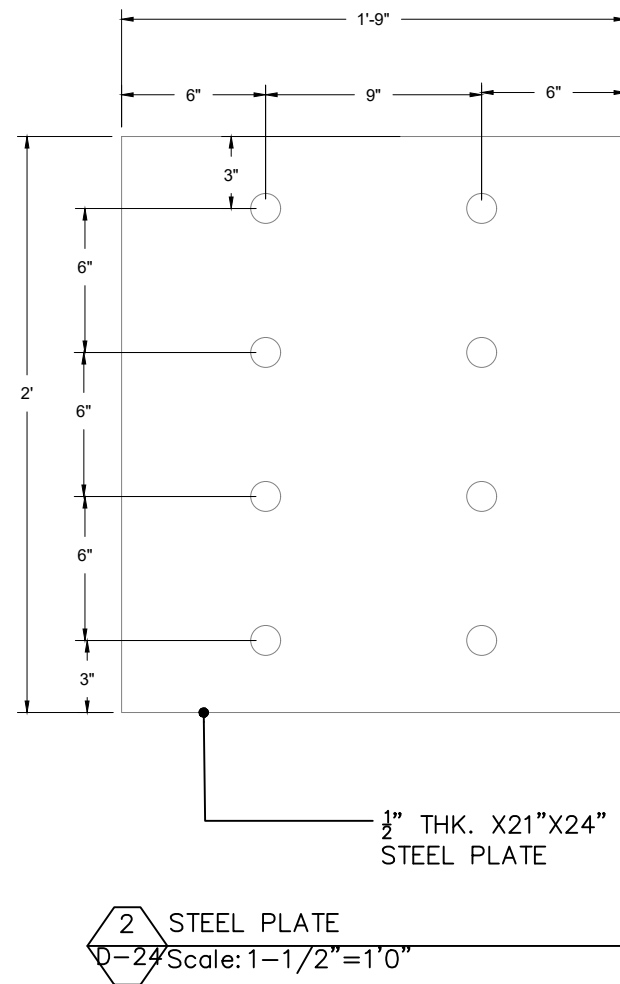
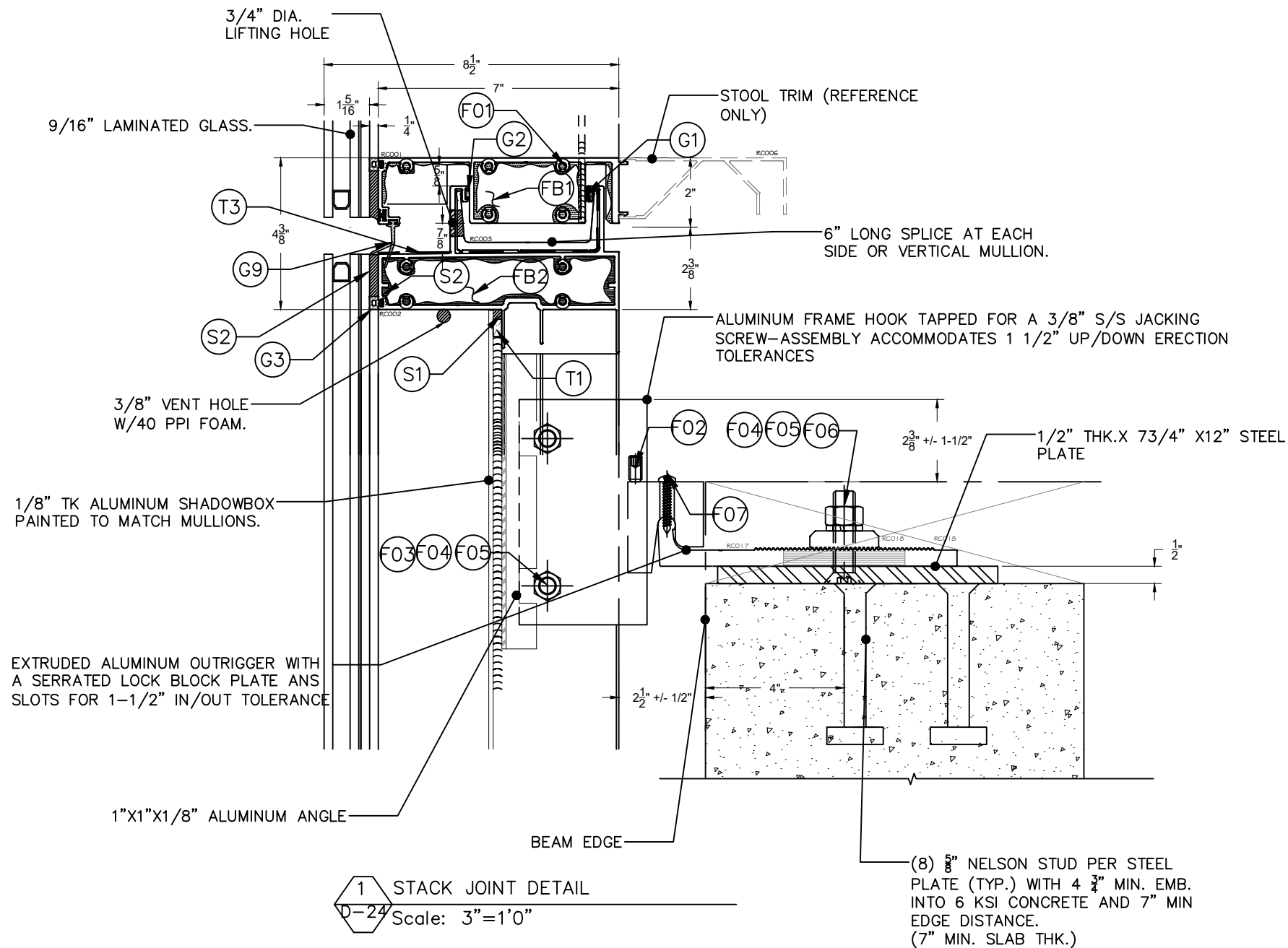
24-0197P.13

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SHEET: 41	SHEET NO. D-22





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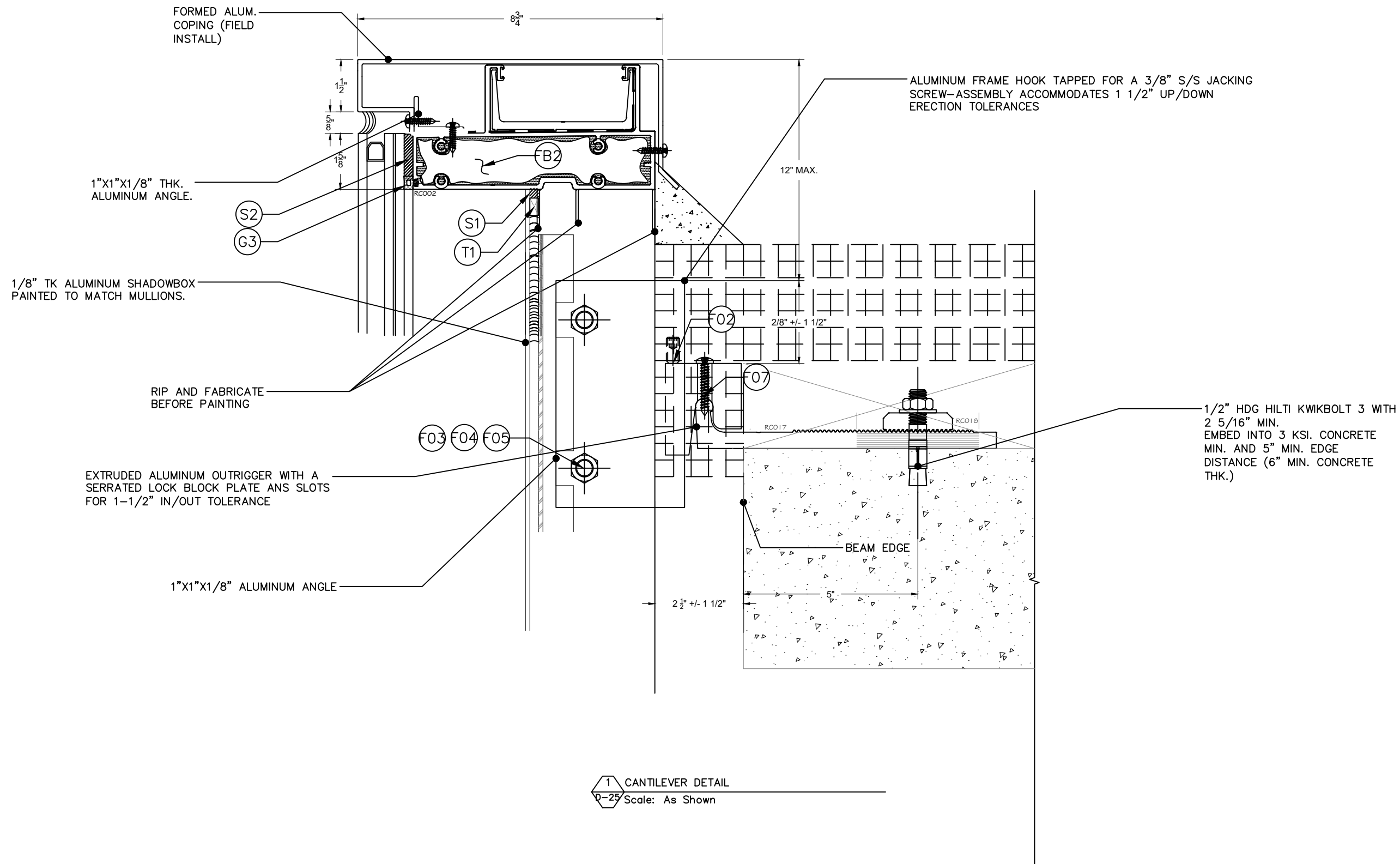
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SHEET: 35 41	SHEET NO. D-24



1 CANTILEVER DETAIL
D-25 Scale: As Shown



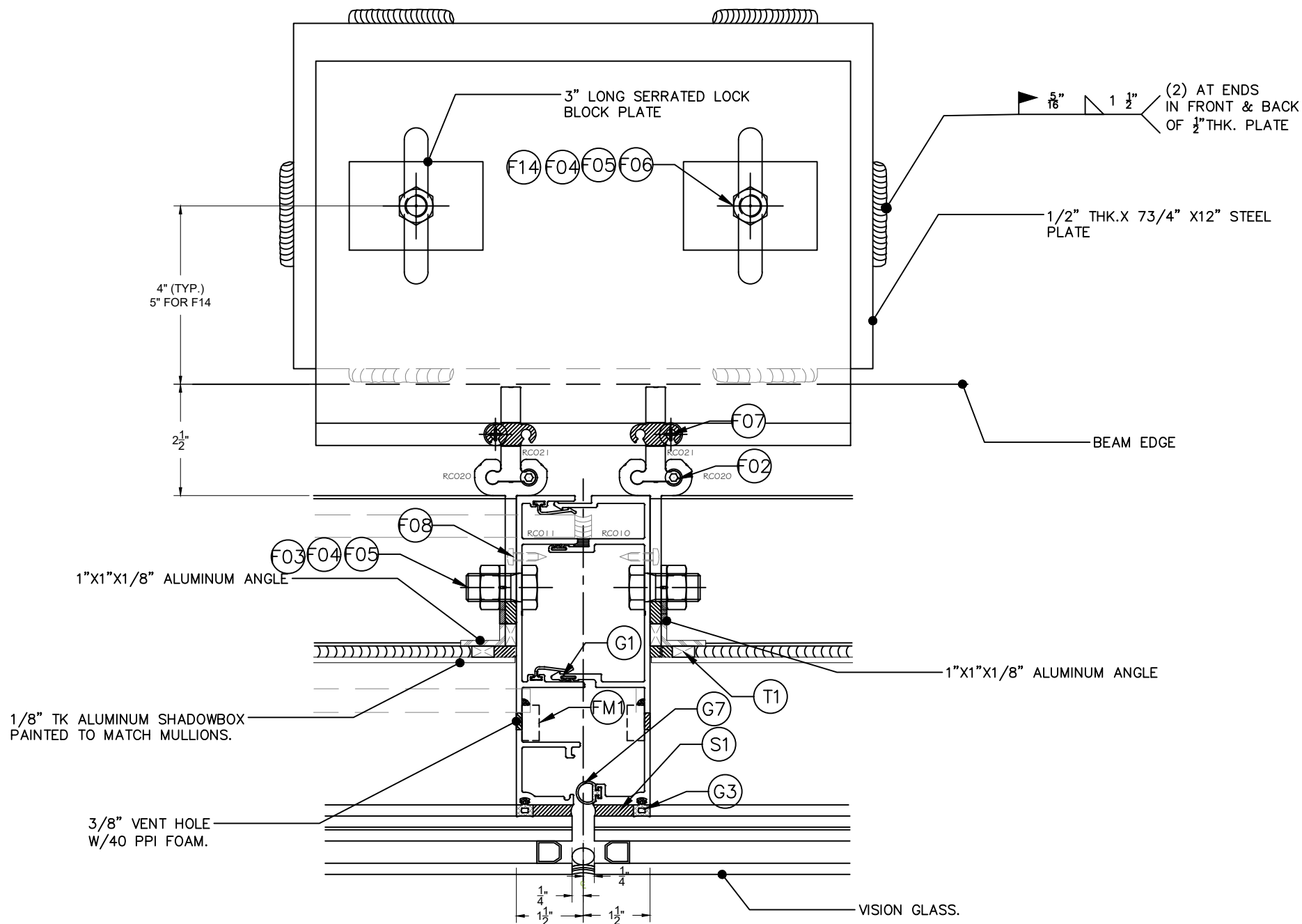
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SHEET:		SHEET NO.	
38 41		D-25	



1 VERTICAL INTERMEDIATE DETAIL OUTRIGGER
D-26 Scale: As Shown



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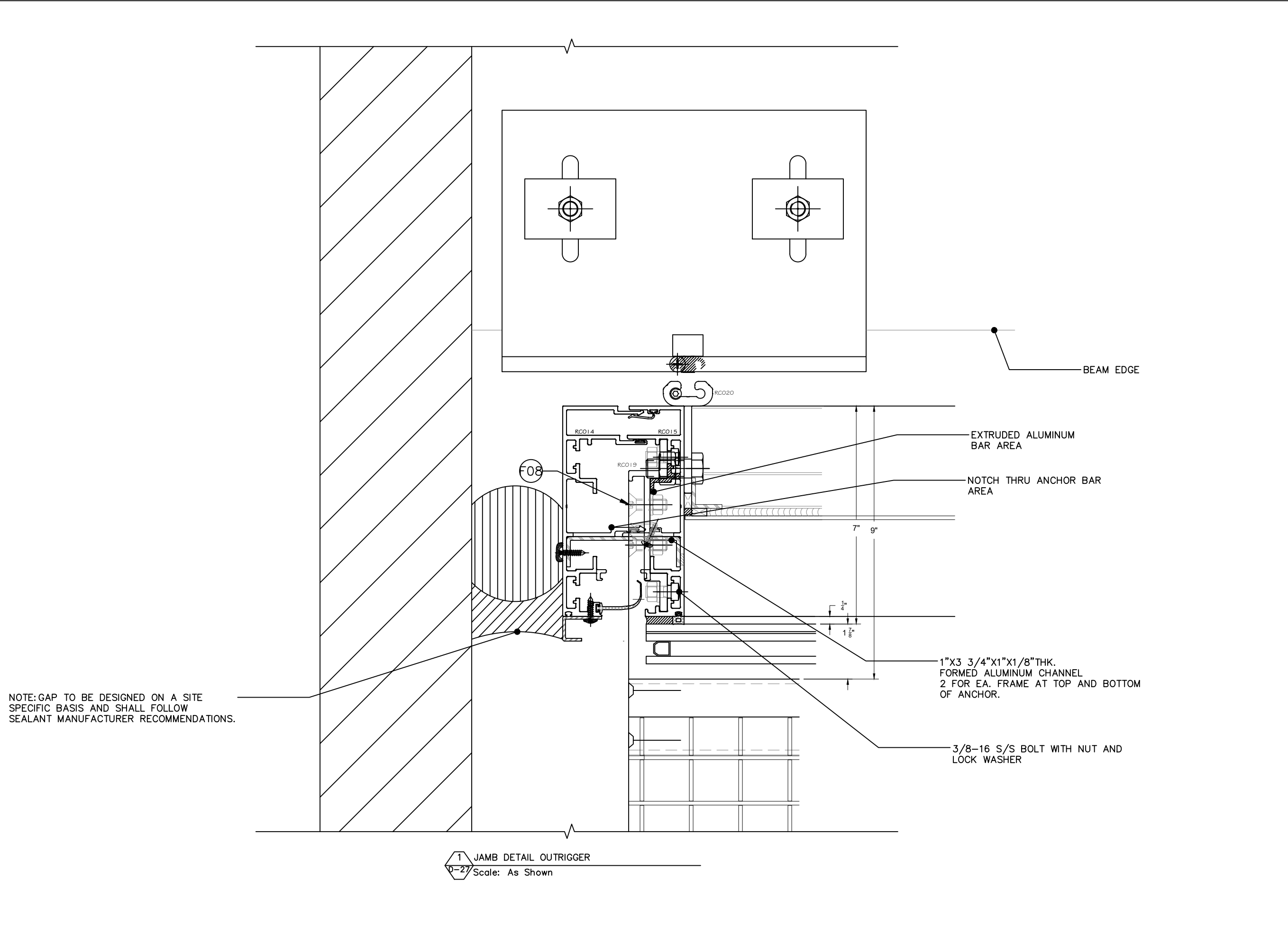
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SHEET: 37 41	SHEET NO. D-26





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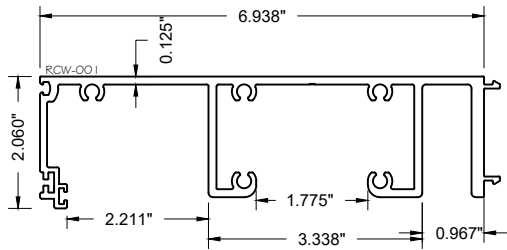
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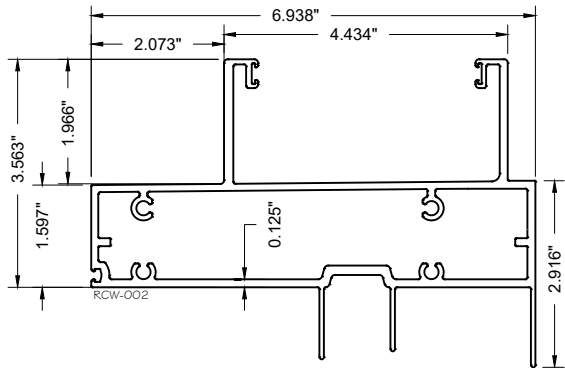
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SHEET:	SHEET NO.
38 41	D-27

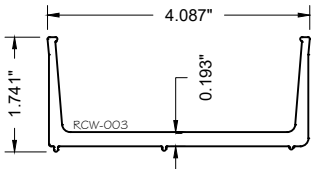
EXTRUSIONS



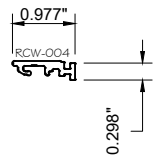
① SILL AT STACK JOINT



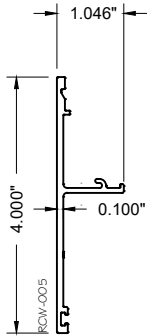
② GUTTER HEAD AT STACK JOINT



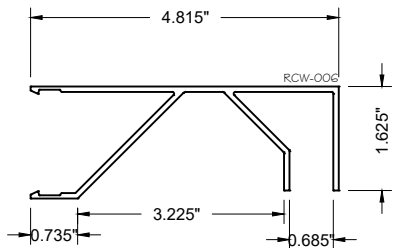
③ SPLICE FOR GUTTER



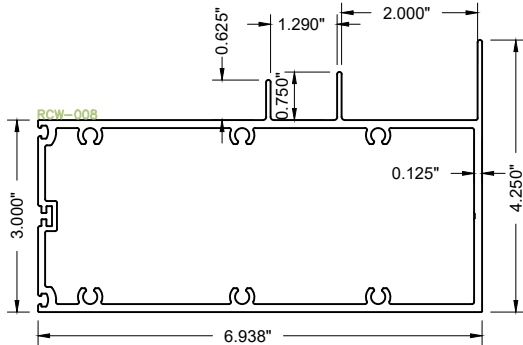
④ COVER ADAPTOR



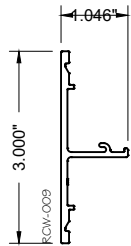
⑤ COVER FOR STACK JOINT



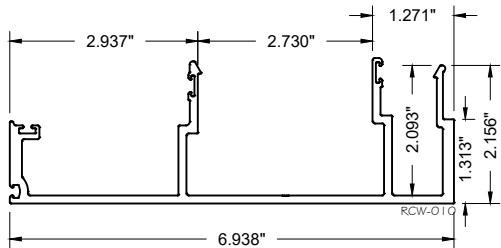
⑥ STOOL TRIM



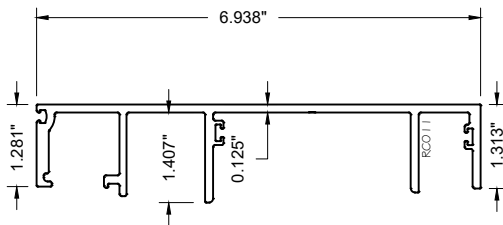
⑧ INTERMEDIATE HORIZONTAL SPANDREL / VISION



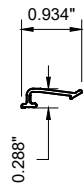
⑨ COVER FOR INTERMEDIATE HORIZONTAL



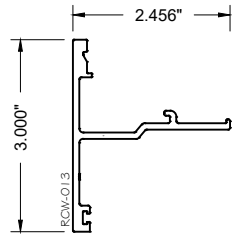
⑩ 3" MULLION MALE



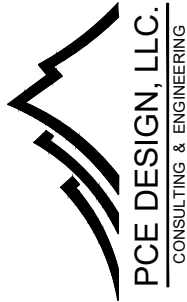
⑪ 3" MULLION FEMALE



⑫ BUCKLING CLIP



⑬ 3" VERTICAL COVER



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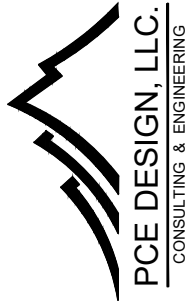
SERIES 3580
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39 41		E-1	

EXTRUSIONS



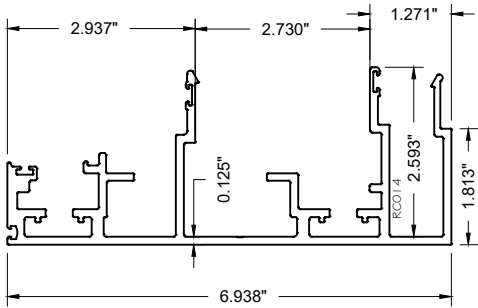
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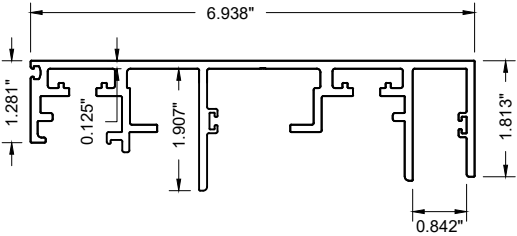
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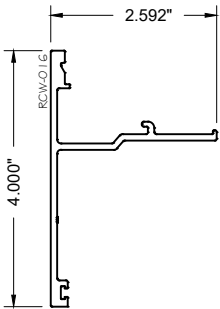
REVISIONS:			
No.	Date:	By:	Description
DATE: July 18th,2024		DRAWN BY: A0	
CHECK BY		SCALE: 4" = 1'-0"	
SHEET:		SHEET NO.	
40 41		E-2	



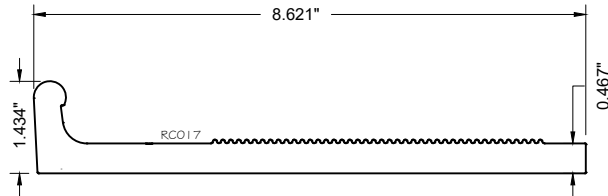
14 4" MULLION MALE- DOUBLE WALL



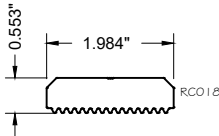
15 4" MULLION FEMALE- DOUBLE WALL



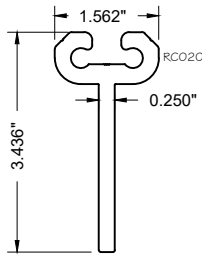
16 4" VERTICAL COVER



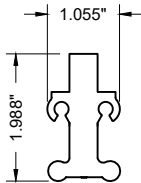
17 OUTRIGGER



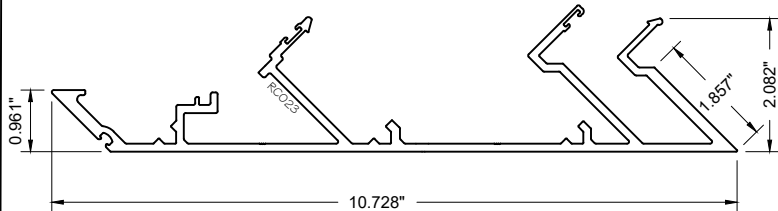
18 LOCK BLOCK



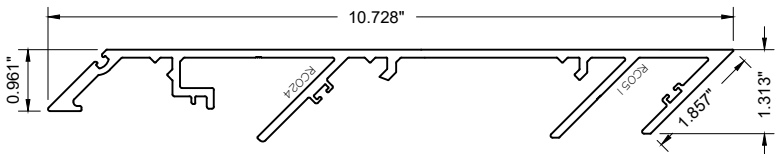
20 ANCHOR SLIDE



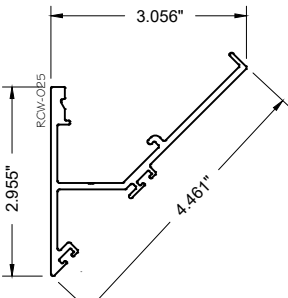
21 DOG BONE



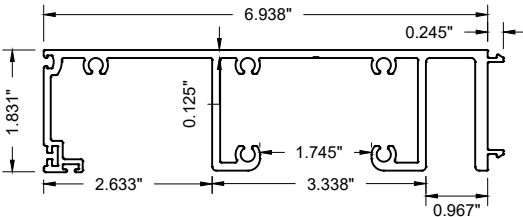
23 45 DEGREE MULLION MALE



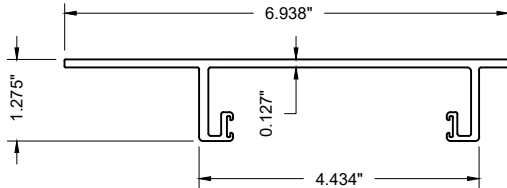
24 45 DEGREE MULLION FEMALE



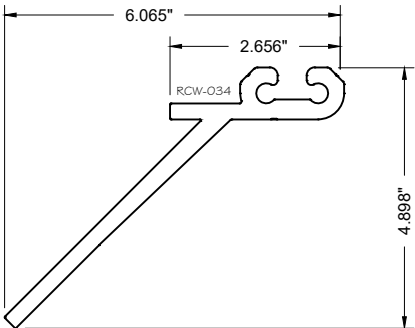
25 45 DEGREE MULLION COVER



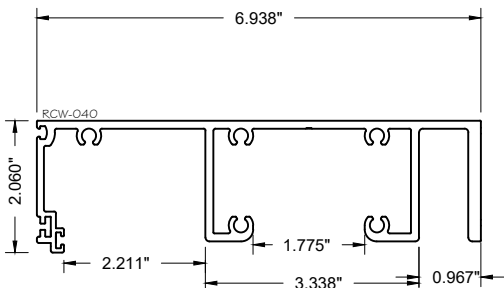
32 ALTERNATE HEAD/SILL



33 ANCHOR SLIDE FOR 90 DEGREE CORNER



34 ANCHOR SLIDE FOR 90 DEGREE CORNER



40 SILL AT STACK JOINT WITHOUT TRIM-DOUBLE WALL

PART LIST				
MARK#	PART No.	DESCRIPTION	MATERIAL	
	1	RCW-001	SILL AT STACK JOINT	6063-T6 ALUMINUM
	2	RCW-002	GUTTER HEAD AT STACK JOINT	6063-T6 ALUMINUM
	3	RCW-003	SPLICE FOR GUTTER	6063-T6 ALUMINUM
	4	RCW-004	COVER ADAPTOR	6063-T6 ALUMINUM
	5	RCW-005	COVER FOR STACK JOINT	6063-T6 ALUMINUM
	6	RCW-006	STOOL TRIM	6063-T6 ALUMINUM
	8	RCW-008	INTERMEDIATE HORIZONTAL SPANDREL/ VISION	6063-T6 ALUMINUM
	9	RCW-009	COVER FOR INTERMEDIATE HORIZONTAL	6063-T6 ALUMINUM
	10	RCW-010	3" MULLION MALE	6105-T5 ALUMINUM
	11	RCW-011	3" MULLION FEMALE	6105-T5 ALUMINUM
	12	RCW-012	BUCKLING CLIP	6063-T6 ALUMINUM
	13	RCW-013	3" VERTICAL COVER	6063-T6 ALUMINUM
	14	RCW-014	4" MULLION MALE- DOUBKE WALL	6105-T5 ALUMINUM
	15	RCW-015	4" MULLION FEMALE- DOUBLE WALL	6105-T5 ALUMINUM
	16	RCW-016	4" VERTICAL COVER	6063-T6 ALUMINUM
	17	RCW-017	OUTRIGGER	6105-T5 ALUMINUM
	18	RCW-018	LOCK BLOCK	6105-T5 ALUMINUM
	20	RCW-020	ANCHOR SLIDE	6105-T5 ALUMINUM
	21	RCW-021	DOG BONE	6105-T5 ALUMINUM
	22	RCW-022	VERT. ADAPTOR FOR SHADOW BOX/ INSULATION	6063-T6 ALUMINUM
	23	RCW-023	45 DEGREE MULLION MALE	6105-T5 ALUMINUM
	24	RCW-024	45 DEGREE MULLION FEMALE	6105-T5 ALUMINUM
	25	RCW-025	45 DEGREE MULLION COVER	6063-T6 ALUMINUM
	32	B022	ALTERNATE HEAD/ SILL	6063-T6 ALUMINUM
	33	B043	RECEPTOR	6063-T6 ALUMINUM
	34	RCW-034	ANCHOR SLIDE FOR 90 DEGREE CORNER	6105-T5 ALUMINUM
	35	RCW-035	VERT. ADAPTOR FOR SHADOW BOX/ INSULATION- 90 DEGREE	6063-T6 ALUMINUM
	40	RCW-040	SILL AT STACK JOINT WITHOUT TRIM- DOUBLE WALL	6063-T6 ALUMINUM

GASKETS/ PVC		
MARK#	DESCRIPTION	CODE
G1	AIR SEAL GASKET EPDM. - 70 +/- 5 DUROMETER- BLACK	RCG-001
G2	SPACER PVC	RCG-002
G3	PRESET GLAZING GASKET BLACK SILICONE- 70 +/- 5 DUROMETER	RCG-003
G4	STACK JOINT RAIN SCREEN GASKET BLACK SILICONE	RCG-004
G5	WEDGE GASKET BLACK SILICONE	RCG-005
G6	BULB GASKET BLACK SILICONE	RCG-006
G7	BULB GASKET BLACK SILICONE	RCG-007
G8	BULB GASKET BLACK SILICONE	RCG-008
G9	MULLION RAIN SCREEN GASKET BLACK SILICONE	RCG-009
T1	1/8" THK X 3/8" - 2 SIDES ADHESIVE SILICONE TAPE 80-90 DUROMETER- BLACK	RCT-01
T2	1/8" THK X 1/2" - 2 SIDES ADHESIVE SILICONE TAPE 80-90 DUROMETER- BLACK	RCT-02
T3	1/16" THK X 2" WIDE SILICONE SPLICE	RCT-03
SB1	SETTING BLOCK- 1/4" X 7/16" X 7" 80-90 DUROMETER- BLACK	RCT-04
S1	STRUCTURAL SILICONE DOW CORNING #933- BLACK	RCS-01
S2	SILICONE SEALANT DOW CORNING #795- BLACK	RCS-02
BR1	1/2" DIA OPEN CELL BACKER ROD	RCBR-01
FB1	FOAM BLOCK REF. DIE #RCW-001 & RCW-040	RCFB-001
FB2	FOAM BLOCK REF. DIE #RCW-002	RCFB-002
FB3	FOAM BLOCK REF. DIE #RCW-007 & RCW-008	RCFB-003
G	GLASS SUPPORT	B006

FASTENERS	
MARK#	DESCRIPTION
F01	#14- 14X1 3/4" LG. P/PH SMS w/ PILOT POINT 300 SERIES ST STL (CW) fy=65 KSI fu=100 KSI
F02	3/8- 13 X3/4" LG. HEADLESS SOCKET SET SCREW w/ FLAT POINT 300 SERIES ST STL (CW) fy=65 KSI fu=100 KSI
F03	1/2"- 13 X1 1/2" LG. HH CAP SCREW (BOLT) 300 SERIES ST STL (CW) fy=65 KSI fu=100 KSI
F04	1/2"- 13 HEX NUT 300 SERIES ST STL (CW) fy=65 KSI fu=100 KSI
F05	1/2" DIA. MEDIUM SLIP LOCK WASHER 300 SERIES ST STL (CW) fy=65 KSI fu=100 KSI
F06	1/2"- 13x3" LG. HS FH CAP SCREW (BOLT) GALVANIZED fy=65 KSI fu=100 KSI
F07	1/4"- 14x1 1/2" LG. HW H SDS DRIL- FLEX 300 SERIES ST STL (CW) fy=65 KSI fu=100 KSI
F08	#10 x 3/4" LG. P/PH SMV TYPE AB 300 SERIES ST STL (CW) fy=65 KSI fu=100 KSI
F09	#10 x 3/4" LG. P/PH SMV TYPE AB 300 SERIES ST STL (CW) fy=65 KSI fu=100 KSI
F10	#12 - 14X1" LG. HW H SDS DRILL- FLEX 300 SERIES ST STL (CW) fy=65 KSI fu=100 KSI
F11	3/8" - 16X1 1/2" LG. HH CAP SCREW (BOLT) 300 SERIES ST STL (CW) fy=65 KSI fu=100 KSI
F12	3/8"- 16 HEX NUT 300 SERIES ST STL (CW) fy=65 KSI fu=100 KSI
F13	3/8" DIA. MEDIUM SLIP LOCK WASHER 300 SERIES ST STL (CW) fy=65 KSI fu=100 KSI
F14	3/8" HILTI KWIK BOLT



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Contact@BESmiami.com

24-0197P.13

REVISIONS:			
No.	Date:	By:	Description
DATE: July 18th,2024		DRAWN BY: A0	
CHECK BY		SCALE: 4" = 1'-0"	
SHEET:		SHEET NO.	
41 41		E-3	