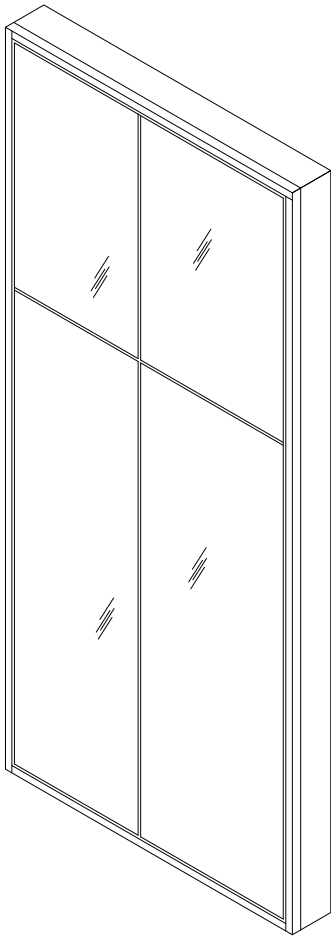


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FLORIDA PRODUCT APPROVAL FOR
PGC-788 SINGLE SPAN, TWIN SPAN
& MUTI-SPAN CURTAIN WALL SYSTEM

SYSTEM NOTES:
PGC788 SINGLE SPAN, TWIN SPAN & MULTI-SPAN CURTAIN WALL SYSTEM
GLAZED FOR LARGE & SMALL MISSILE IMPACT. (SHUTTERS NOT REQUIRED)

- GLASS - SEE CHARTS ON PAGES 6 THRU 14 FOR ALLOWABLE GLASS
 TYPES, SIZES, AND DESIGN PRESSURES.
- MULLIONS - SEE CHART ON PAGES 15 THRU 24 FOR ALLOWABLE DESIGN
 PRESSURES FOR VARIOUS MULLION AND REINFORCEMENT
 CONFIGURATIONS.
- ANCHORS - SEE CHARTS ON PAGES 25 FOR ALLOWABLE ANCHORS.
- SYSTEM - THE DESIGN PRESSURE OF THE ENTIRE SYSTEM IS THE
 LOWEST ALLOWABLE DESIGN PRESSURE OF THE THREE
 COMPONENTS ABOVE THAT MAKE UP THE SYSTEM.
- DOORS - PGC-788 IS DESIGNED TO ACCEPT FLORIDA PRODUCT APPROVED &
 MIAMI-DADE COUNTY APPROVED DOORS FROM OTHER MANUFACTURERS.
 PLEASE SEE DOOR APPROVAL FOR FASTENER REQUIREMENTS.

MATERIAL LEGEND – SEE PAGE 40.

GENERAL NOTES:

1. THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH
 ALL THE REQUIREMENTS OF THE CURRENT FLORIDA
 BUILDING CODE, INCLUDING THE HVHZ PROVISIONS.
2. THIS SYSTEM HAS BEEN TESTED PER TAS 201, 202, & 203 FOR
 LARGE AND SMALL IMPACT RESISTANCE. SHUTTERS ARE NOT
 REQUIRED.
3. DESIGN LOADS MUST BE CALCULATED BY A PROFESSIONAL
 ENGINEER OR ARCHITECT FOR EACH PROJECT. THE DESIGN
 PRESSURE CANNOT EXCEED THE PRESSURES, LISTED ON
 THESE DRAWINGS, FOR EACH COMPONENT OF THIS SYSTEM.
4. WOOD BUCKS BY OTHERS MUST BE ANCHORED PROPERLY TO
 TRANSFER IMPOSED LOADS TO THE STRUCTURE.
5. ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON
 DETAILS. ANCHOR EMBEDMENT IN BASE MATERIAL SHALL BE
 BEYOND WALL DRESSING OR STUCCO.
6. CODE REQUIREMENTS FOR SAFE GUARDS MUST BE OBSERVED.
7. GLASS CHARTS ON PAGES PAGES 6 THRU 14 AND SILICONE STRENGTH
 AT SSG DETAILS ARE BASED ON TEST PRESSURES AND ASTM E 1300-16.
8. MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS,
 THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS
 SHALL MEET THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING
 CODE AND SECTION M.7 OF THE CURRENT ALUMINUM DESIGN MANUALS.

INSTRUCTIONS:(USE CHARTS AS NOTED BELOW)

- STEP 1: DETERMINE DESIGN WIND LOAD REQUIREMENTS BASED ON WIND VELOCITY, BUILDING
HEIGHT, WIND ZONE USING APPLICABLE FBC AND ASCE 7 STANDARDS.
- STEP 2: SELECT GLASS TYPE AND SIZE BASED ON DESIGN PRESSURES REQUIRED. REFER TO
GLASS CHARTS ON PAGES 6 THRU 14.
- STEP 3: SELECT MULLION TYPE BASED ON WIDTH, SPAN AND DESIGN PRESSURES REQUIRED.
REFER TO MULLION CHARTS ON PAGES 15 THRU 24.
- STEP 4: SELECT HEAD/SILL ANCHOR TYPE BASED ON BUILDING SUBSTRATE AND DESIGN
PRESSURES REFER TO ANCHOR CHARTS ON PAGE 25 .
- STEP 5: CHECK INTERMEDIATE ANCHOR ATTACHMENT FOR TWIN/ MULTI-SPAN BASED ON
MID-REACTION NOT TO EXCEED SPECIFIED REACTION.
- STEP 6: THE LOWEST PRESSURE VALUE RESULTING FROM STEP 2 THRU 5 SHALL BE THE
DESIGN PRESSURE ALLOWED FOR THE ENTIRE SYSTEM.

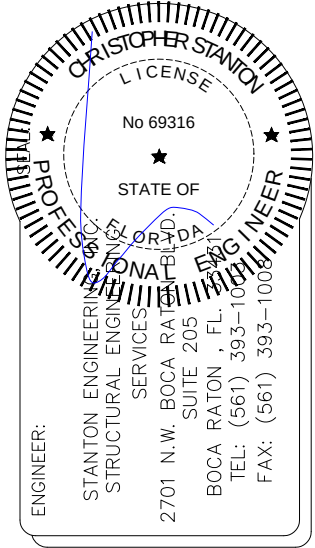
INDEX OF DRAWINGS			
PAGE	DESCRIPTION	PAGE	DESCRIPTION
1	COVER	29	JAMB & VERTICAL DETAILS
2	TWIN/SPAN MULT-SPAN ELEVATION	30	90° CORNER DETAILS
3	SINGLE SPAN ELEVATIONS	31	DOOR JAMB DETAILS
4	SINGLE SPAN ELEVATION W/ OPTIONAL MULLION @ TRANSOM	32	MID-ANCHOR @ STEEL SUBSTRATE
5	SINGLE SPAN ELEVATIONS	33	MID-ANCHOR @ CONCRETE SUBSTRATE
6	GLASS: LM & SM LEVEL D IMPACT	34	MID-ANCHOR @ STEEL SUBSTRATE
7	GLASS: LM & SM LEVEL D IMPACT	35	MID-ANCHOR @ CONCRETE SUBSTRATE
8	GLASS: LM & SM LEVEL D IMPACT	36	OPTIONAL EXTERIOR COVERS
9	GLASS: LM & SM LEVEL D IMPACT	37	VERTICAL FIN DETAILS
10		38	VERTICAL FIN DETAILS
11	GLASS: LM & SM LEVEL D IMPACT	39	EXTRUSIONS
12	GLASS: LM & SM LEVEL D IMPACT	40	BILL OF MATERIALS
13	GLASS: LM & SM LEVEL E IMPACT		
14	GLASS: LM & SM LEVEL E IMPACT		
15	MULLION CHART		
16	MULLION CHART		
17	VERTICAL MULLION @ TRANSOM		
18	JAMB DETAILS		
19	DOOR JAMB W/ SIDELITE DETAILS		
20	DOOR JAMB W/ SIDELITE DETAILS		
21	90° CORNER DETAILS		
22	DOOR JAMB DETAILS		
23	DOOR JAMB DETAILS		
24	TWIN SPAN & MULTI-SPAN		
25	FASTENER DETAILS		
26	HEAD/SILL DETAILS		
27	HORIZONTAL STACK & SPLICE DETAILS		
28	HORIZONTAL DETAILS		



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Christopher Stanton
Date: 2023.12.27
18:33:16 -05'00'

ABBREVIATIONS
DLO = DAYLIGHT OPENING
PG = PAGE
STL = =STEEL
MULL = MULLION
MS = MULLION SPACING
RO = ROUGH OPENING



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SCALE:
N.T.S.

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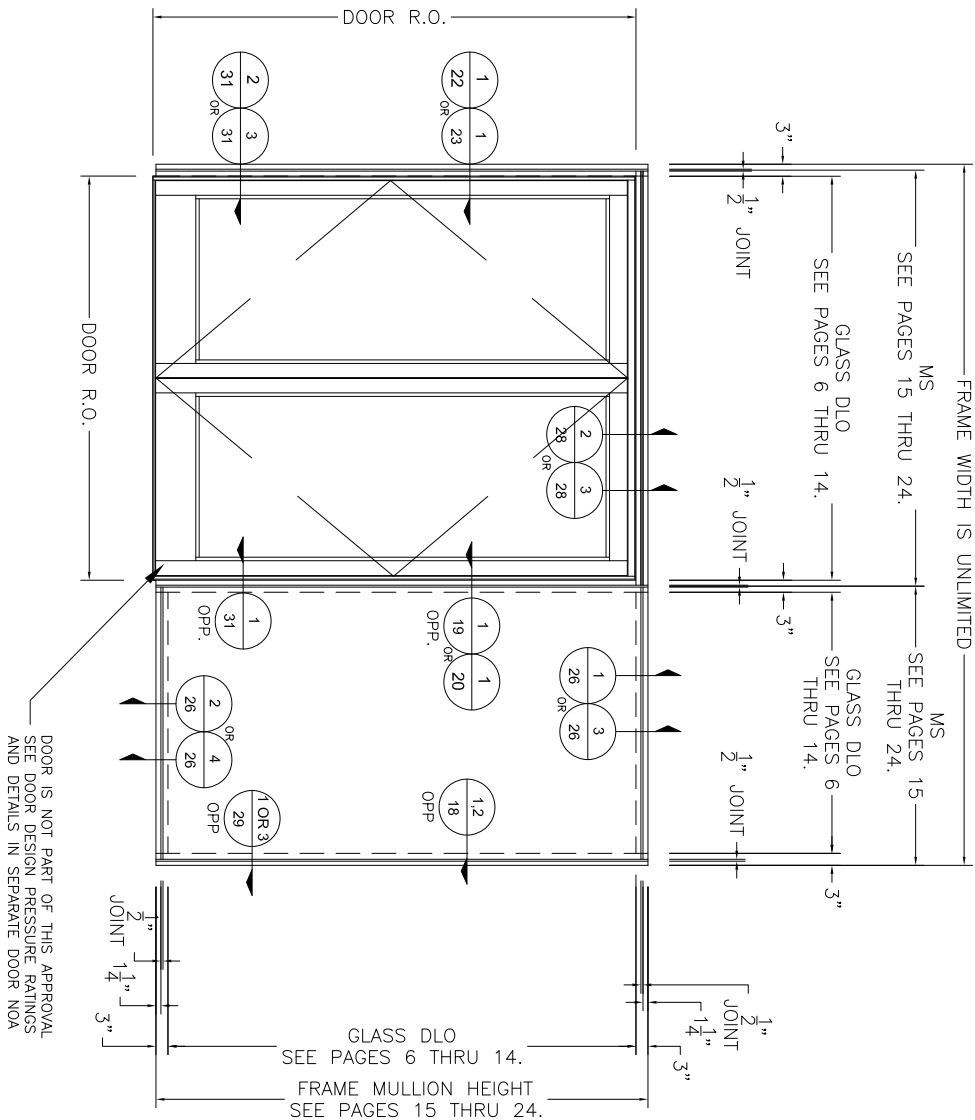
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DRAWING TITLE: PGC-788 SINGLE SPAN, TWIN SPAN & MULTI-SPAN CURTAIN WALL SYSTEM	DWG. # PGC 788 SS- TS-MS	PAGE NO. 1 / 40
		PAGE TITLE: COVER



SINGLE SPAN ELEVATION

DRAWING TITLE:
PGC-788 SINGLE SPAN, TWIN SPAN &
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DWG. #
PGC 788 SS-TS-MS

PAGE TITLE:
ELEVATION

PAGE NO.
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SCALE:
1/4"=1'-0"

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[illegible]

GLASS TYPE A (1/4" HEAT STRENGTHENED - .075 SAFLEX CP - 1/4" HEAT STRENGTHENED) (LARGE & SMALL MISSILE LEVEL D)

D.L. OPENING (WIDTH)

ED) (LARGE & SMALL MISSILE LEVEL D)

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PGC-788 SINGLE SPAN, TWIN SPAN &
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PGC 788 SS-TS-MS

PAGE TITLE:

GLASS

PAGE NO.

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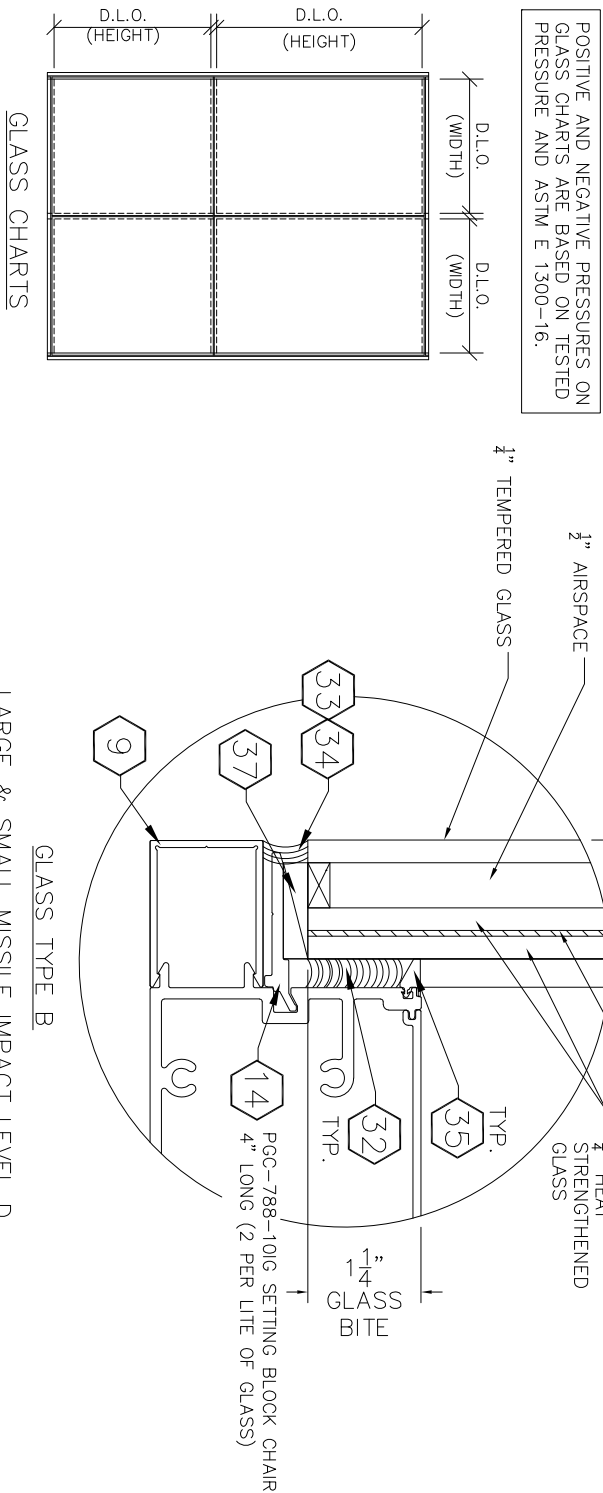
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PAGE TITLE:

GLASS

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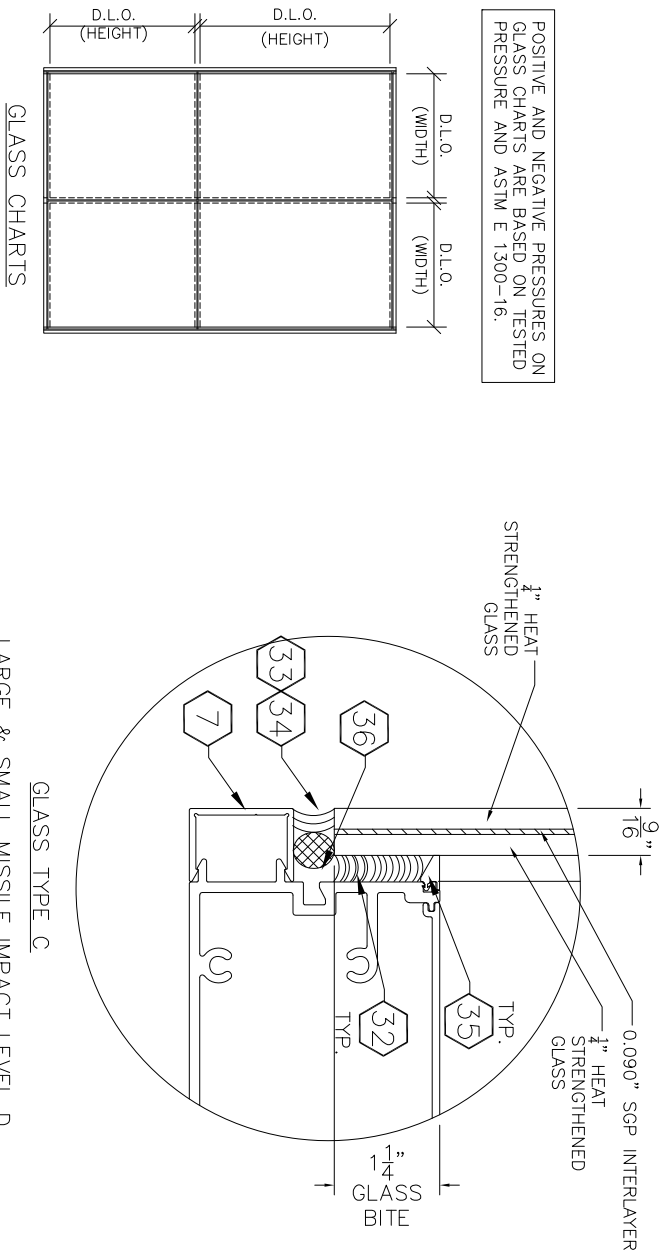
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DWG. # PGC 788 SS-TS-MS	
PAGE TITLE: GLASS	PAGE NO. 8/40



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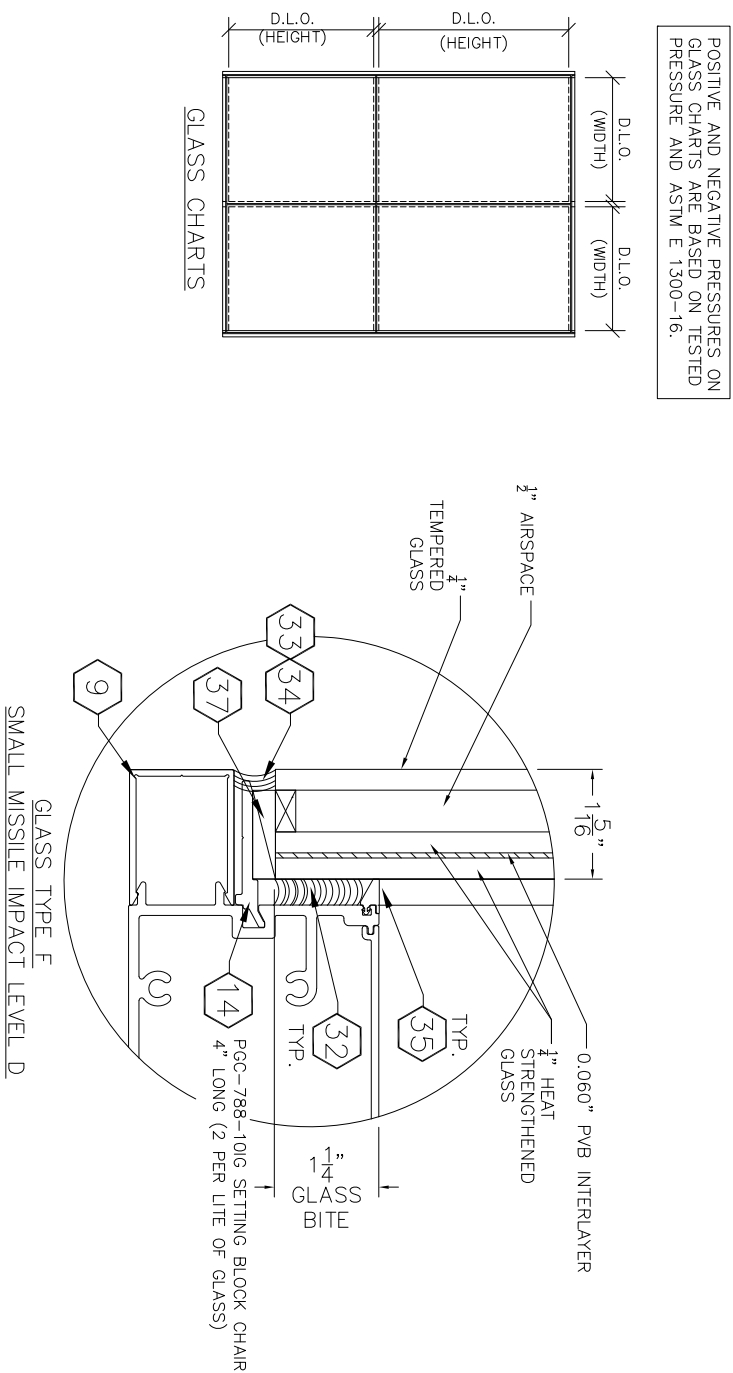
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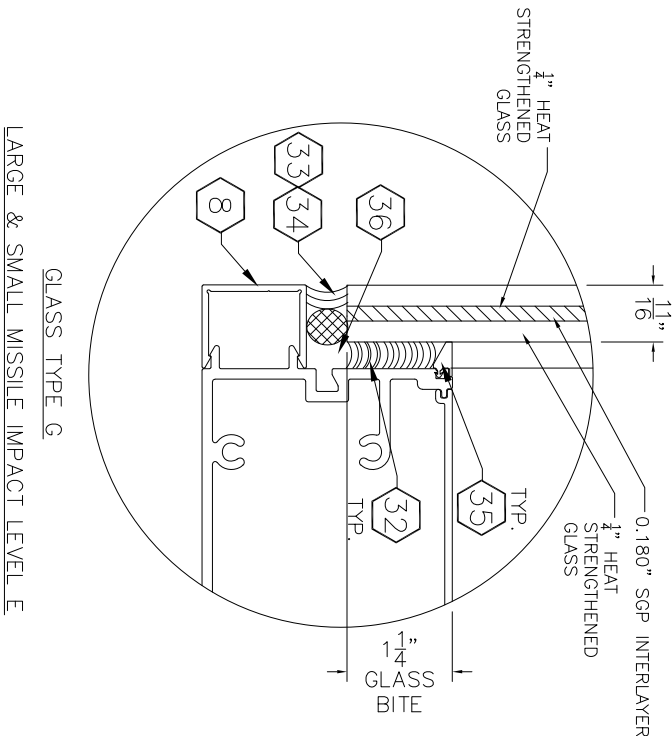
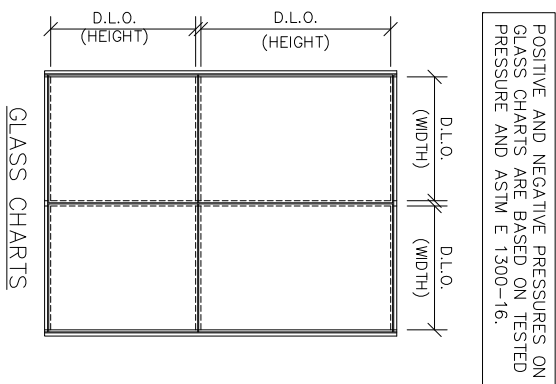
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DWG. # PGC 788 SS-TS-MS	
PAGE TITLE: GLASS	PAGE NO. 13/40



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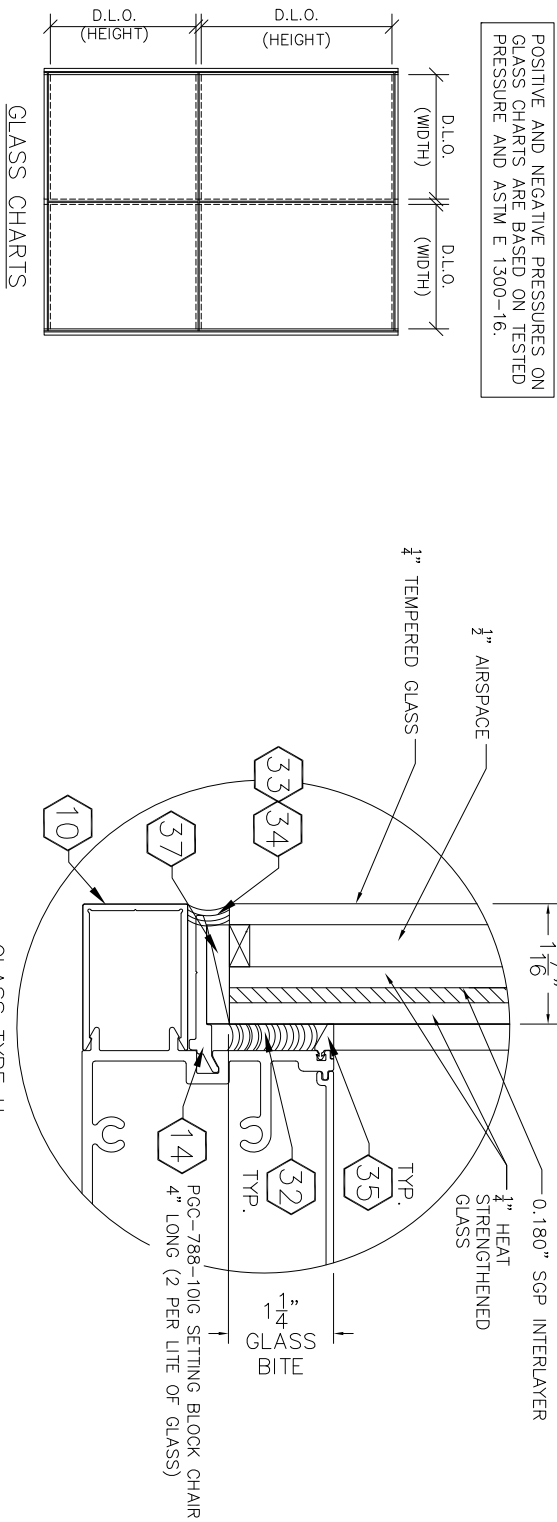
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GLASS TYPE H LARGE & SMALL MISSILE IMPACT LEVEL E



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DWG. # PGC 788 SS-TS-MS	
PAGE TITLE: GLASS	PAGE NO. 14/40



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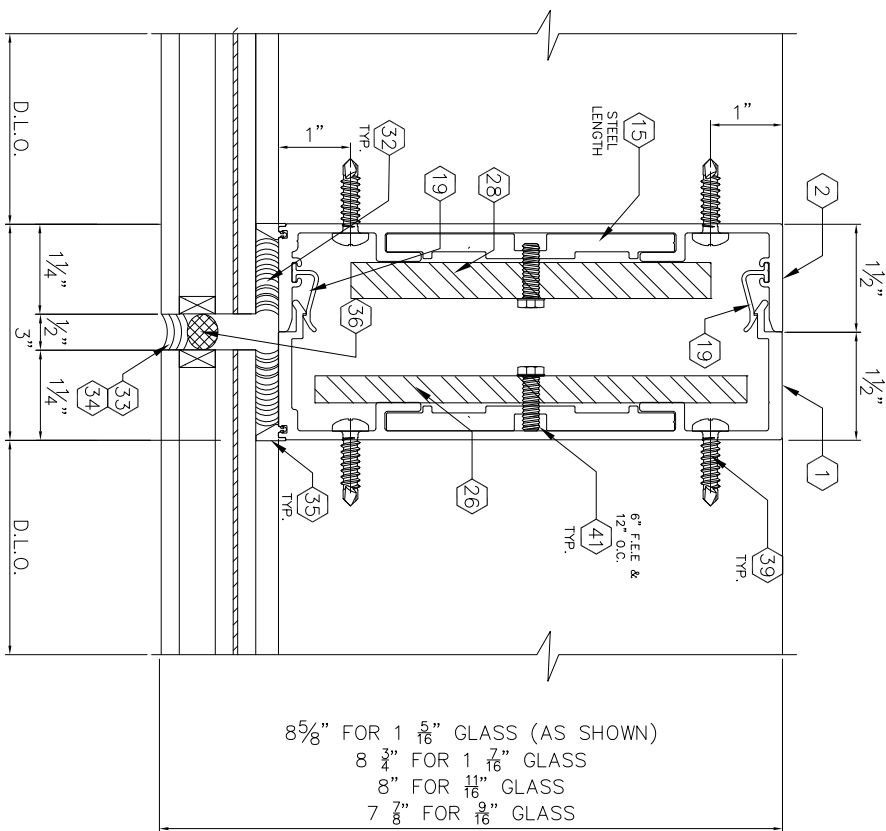
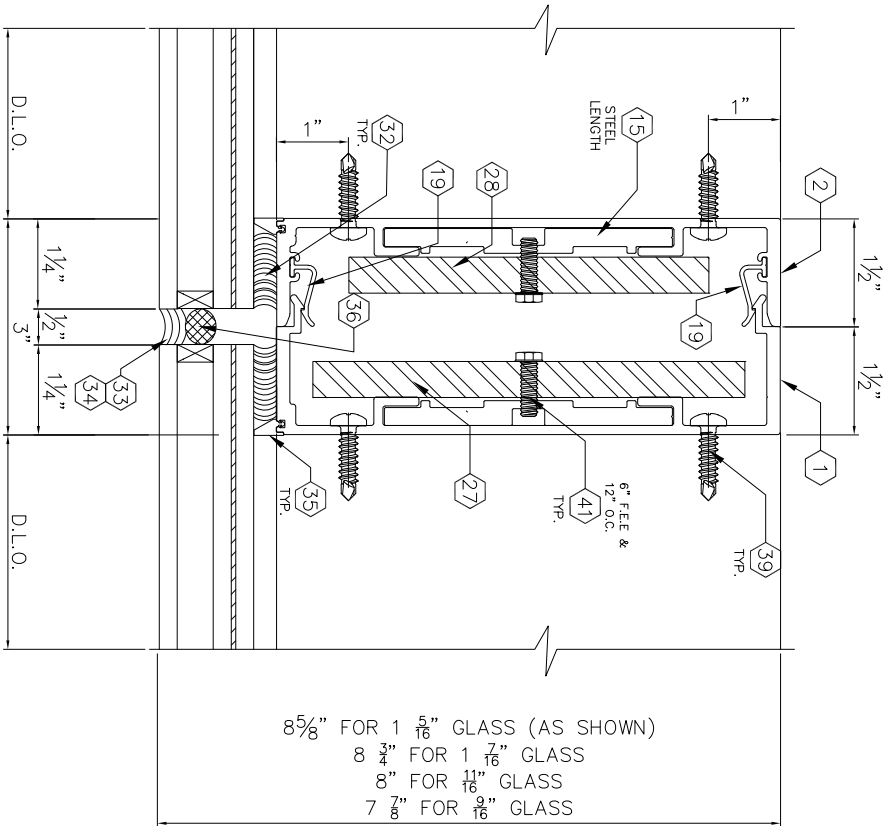
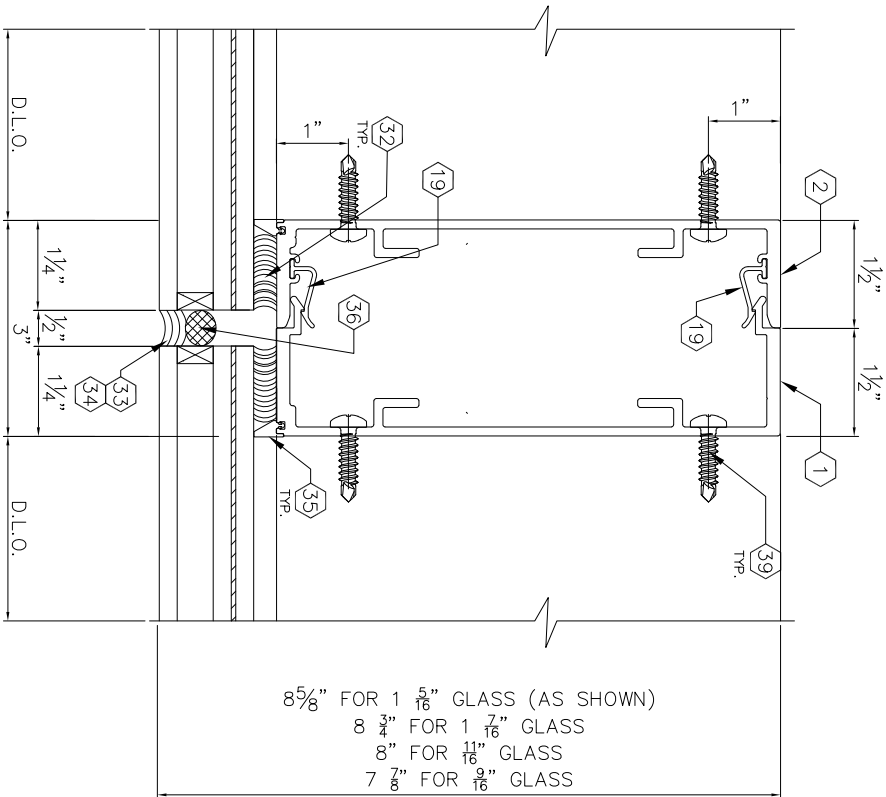
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MULLION CHART - DETAIL 1/15		
FRAME DIMENSIONS		ALLOWABLE DESIGN PRESSURE-PSF
HEIGHT	WIDTH	+
78	94	100
81	91	100
84	87	100
87	84	100
90	82	100
93	79	100
96	76	100
99	74	100
102	72	100
105	70	100
108	68	100
111	66	100
114	64	100
117	63	100
120	61	100
123	60	100

1 INT. VERTICAL MULLION DETAIL

MULLION CHART - DETAIL 2/15		
FRAME DIMENSIONS		ALLOWABLE DESIGN PRESSURE-PSF
HEIGHT	WIDTH	+
84	124	100
90	116	100
96	108	100
102	102	100
108	96	100
114	91	100
120	87	100
126	82	100
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150	69	100
156	66	100
162	64	100
168	62	100
174	60	100

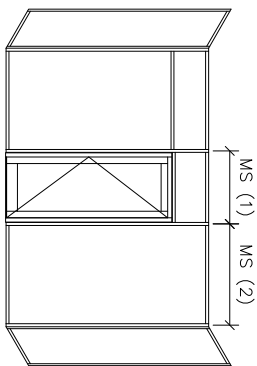
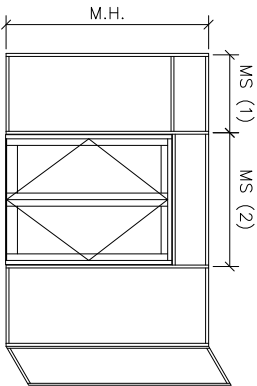
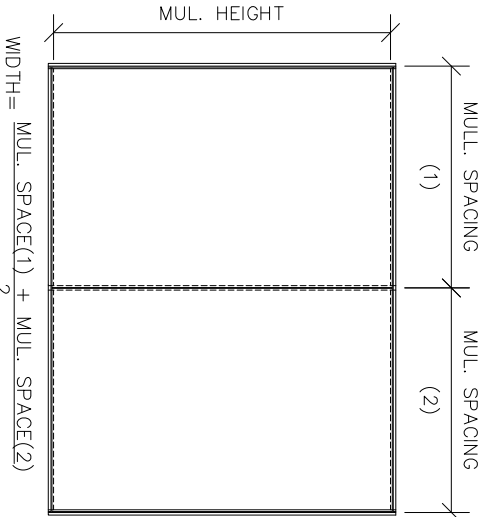
2 INT. VERTICAL MULLION DETAIL

W/ STEEL REINFORCEMENT TYPE 2 & 3
1/2"X5" & 1/2"X 6" STEEL FLAT BAR
STL. LENGTH = MULL. LENGTH - 16"

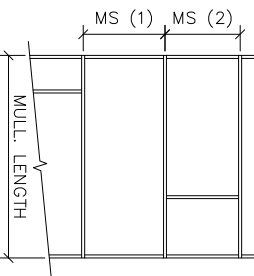
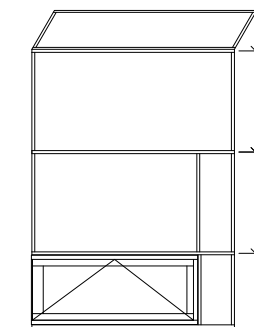
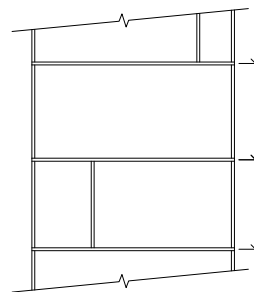
MULLION CHART - DETAIL 2/15		
FRAME DIMENSIONS		ALLOWABLE DESIGN PRESSURE-PSF
HEIGHT	WIDTH	+
118	84	80
121	82	80
124	80	80
127	78	80
130	76	80
133	75	80
136	73	80
139	71	80
142	70	80
145	68	80
148	67	80
151	66	80
154	64	80
157	63	80
160	62	80
163	61	80
166	60	80
169	59	80
172	58	80
175	57	80
178	56	80
181	55	80
184	54	80
187	53	80
190	52	80
193	51	80
196	50	80
199	50	80
202	49	80
205	48	80
208	48	80

3 INT. VERTICAL MULLION DETAIL

W/ STEEL REINFORCEMENT TYPE 1 & 3
1/2"X5" & 3/8"X 6" STEEL FLAT BAR
STL. LENGTH = MULL. LENGTH - 16"



OTHER CONFIGURATIONS



MULLION PROPERTIES		
PART	IXX(in ⁴)	SX(in ³)
PGC-7880	11.694	3.326
PGC-7881	10.735	3.060
1/2" X 5" STEEL	5.29x2.9=15.08(AL)	2.083
1/2" X 6" STEEL	9.00x2.9=26.10(AL)	3.000
3/8" X 6" STEEL	6.75x2.9=19.575(AL)	2.25

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PAGE TITLE:
MULLIONS

PAGE NO.
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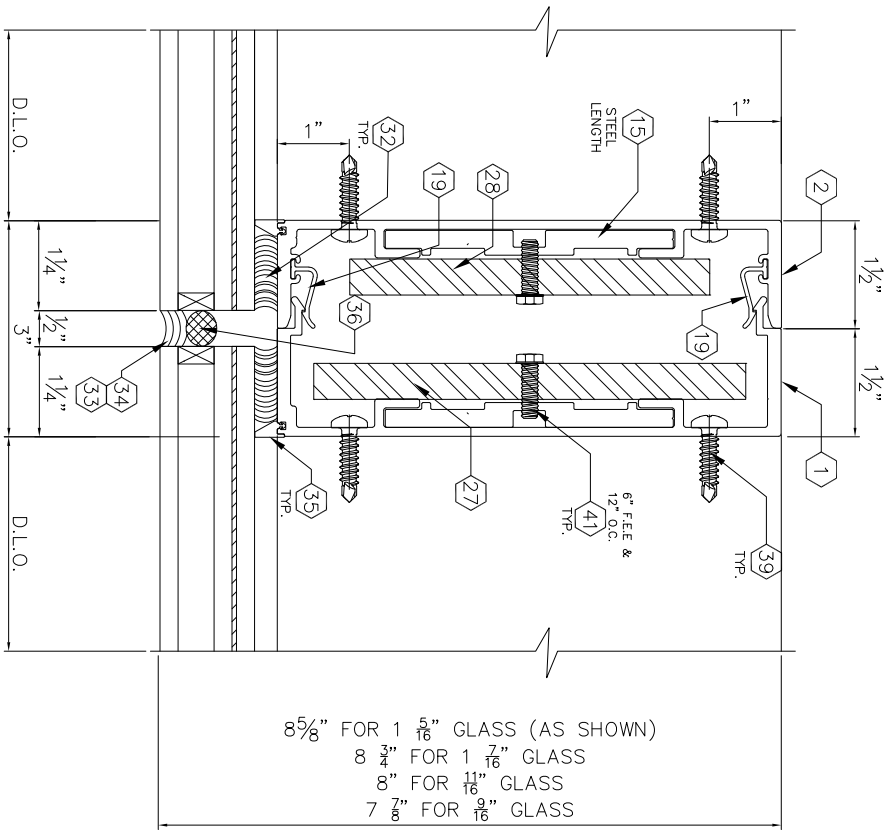
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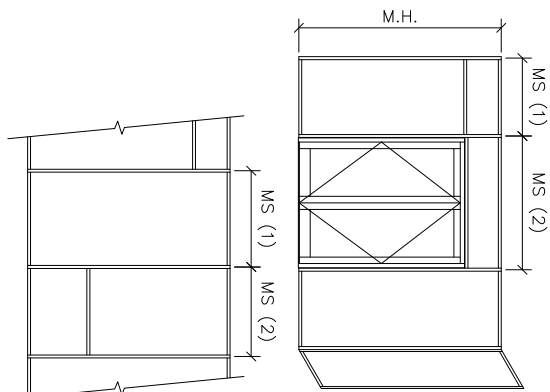
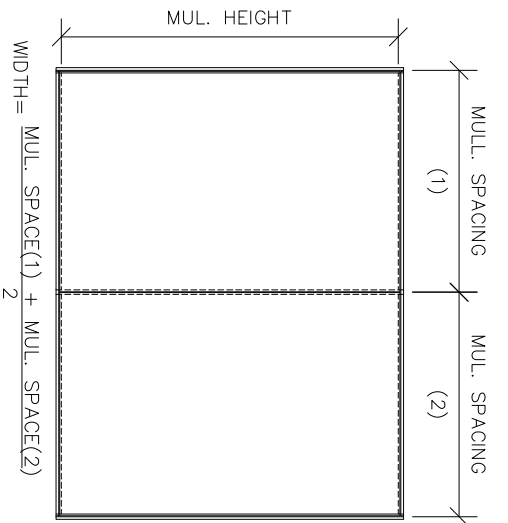
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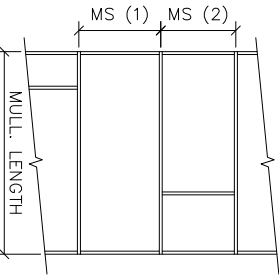
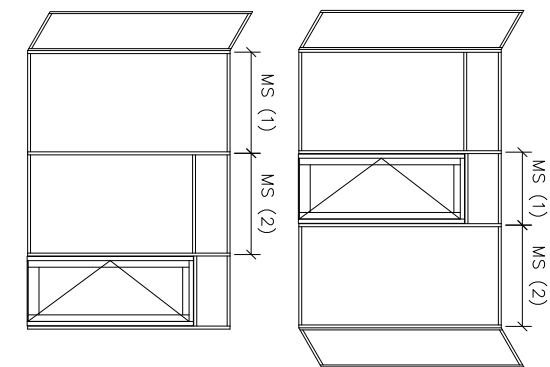
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MULLION CHART - DETAIL 1/16			ALLOWABLE DESIGN PRESSURE-PSF	
FRAME DIMENSIONS			+	-
HEIGHT	WIDTH			
108	124	50	50	50
114	117	50	50	50
120	112	50	50	50
126	106	50	50	50
132	101	50	50	50
138	97	50	50	50
144	93	50	50	50
150	89	50	50	50
156	86	50	50	50
162	82	50	50	50
168	80	50	50	50
174	77	50	50	50
180	74	50	50	50
186	72	50	50	50
192	70	50	50	50
198	67	50	50	50
204	65	50	50	50
210	64	50	50	50
216	62	50	50	50
222	60	50	50	50
224	60	50	50	50



OTHER CONFIGURATIONS



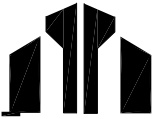
MULLION PROPERTIES			
PART	1x(in ⁴)	Sxx(in ³)	
PGC-7880	11.694	3.326	
PGC-7881	10.735	3.060	
1/2" X 5" STEEL	5.29x2.9=15.08(AL)	2.083	
1/2" X 6" STEEL	9.00x2.9=26.10(AL)	3.000	

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MULLIONS

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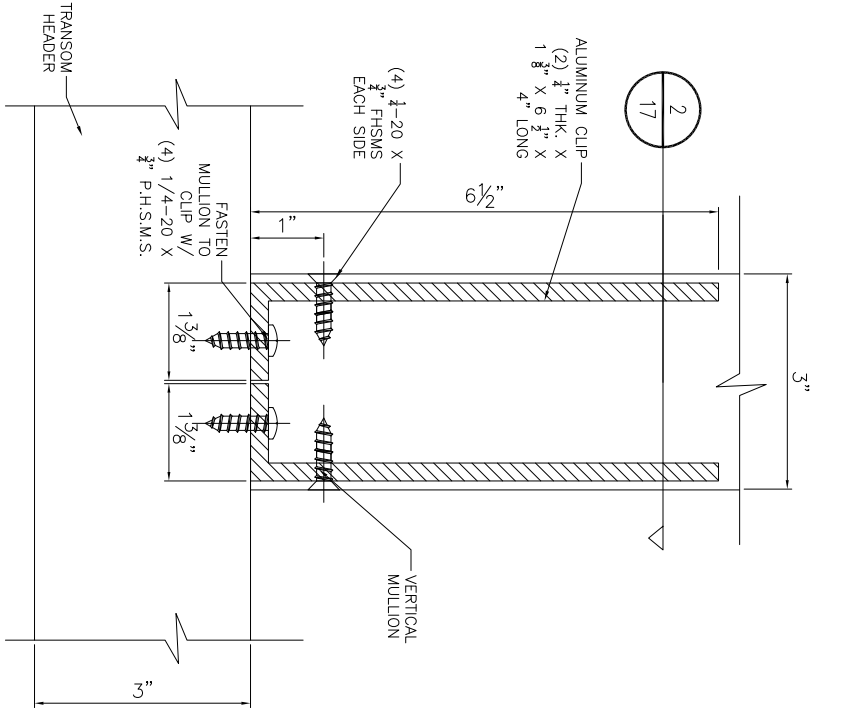
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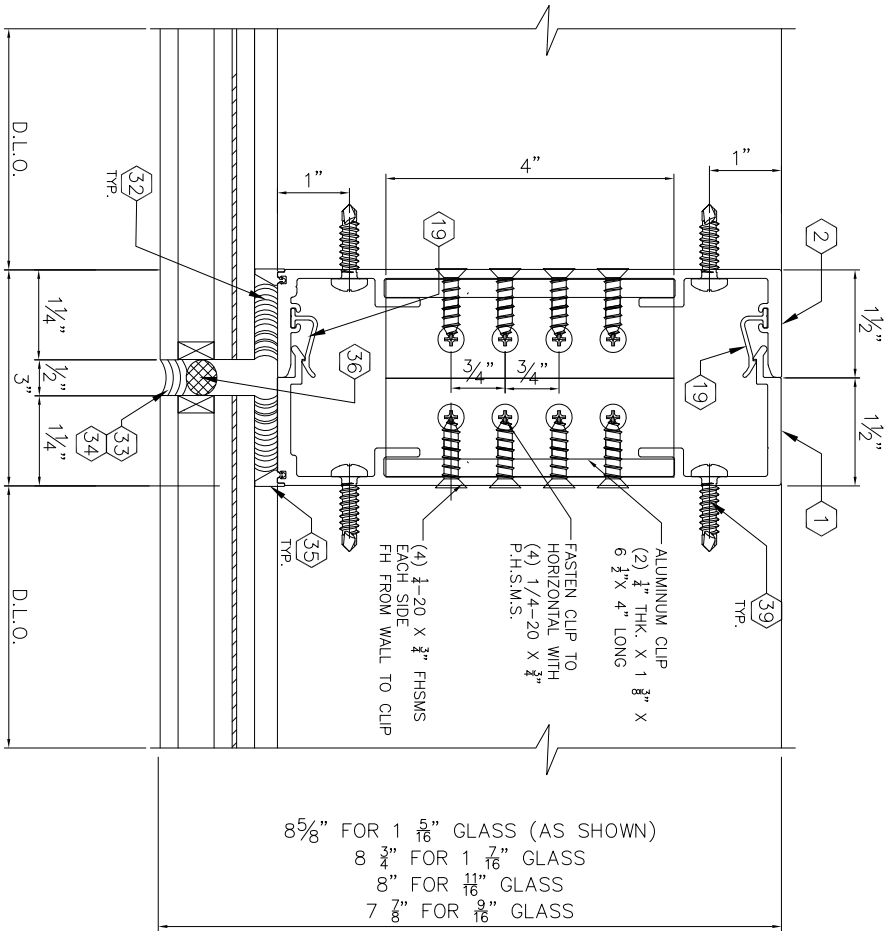
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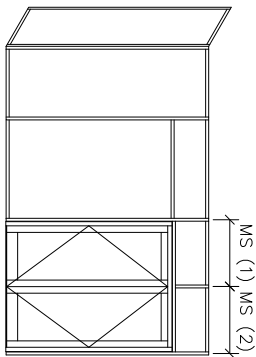
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1 INT. VERTICAL MULLION DETAIL
17 VERTICAL MULLION @ DOOR TRANSOM



2 INT. VERTICAL MULLION DETAIL
17 VERTICAL MULLION @ DOOR TRANSOM



TRANSOM MULLION CHART "1A"			
DETAILS 1/17 AND 2/17			
FRAME DIMENSION	TRIBUTARY	ALLOWABLE DESIGN PRESSURE (PSF)	
HEIGHT (MULLION LENGTH)	WIDTH	+DP	-DP
126	50 1/2"	50.00	50.00

$$WIDTH = \frac{MUL. SPACE(1) + MUL. SPACE(2)}{2}$$

DRAWING TITLE:
PGC-788 SINGLE SPAN, TWIN SPAN &
MULTI-SPAN CURTAIN WALL SYSTEM

DWG. #
PGC 788 SS-TS-MS

PAGE TITLE:
DETAILS

PAGE NO.
17/40

PERSPECTIVE GLASS COMPANY
Glazing Contractors
750 SW 14TH AVENUE
POMPANO BEACH, FL 33069
PH. (954) 773-9714
FAX (954) 971-6614

SCALE:

NTS

DRAWN BY:

KL

DATE:

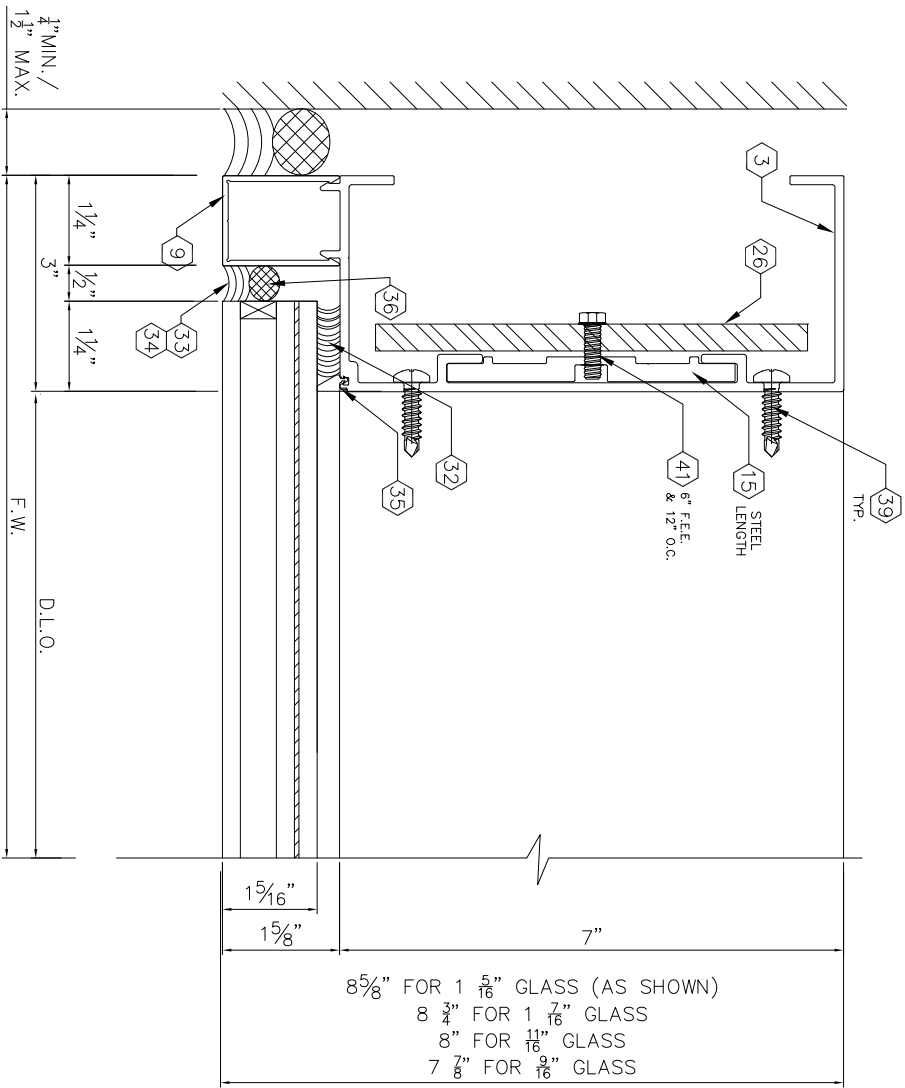
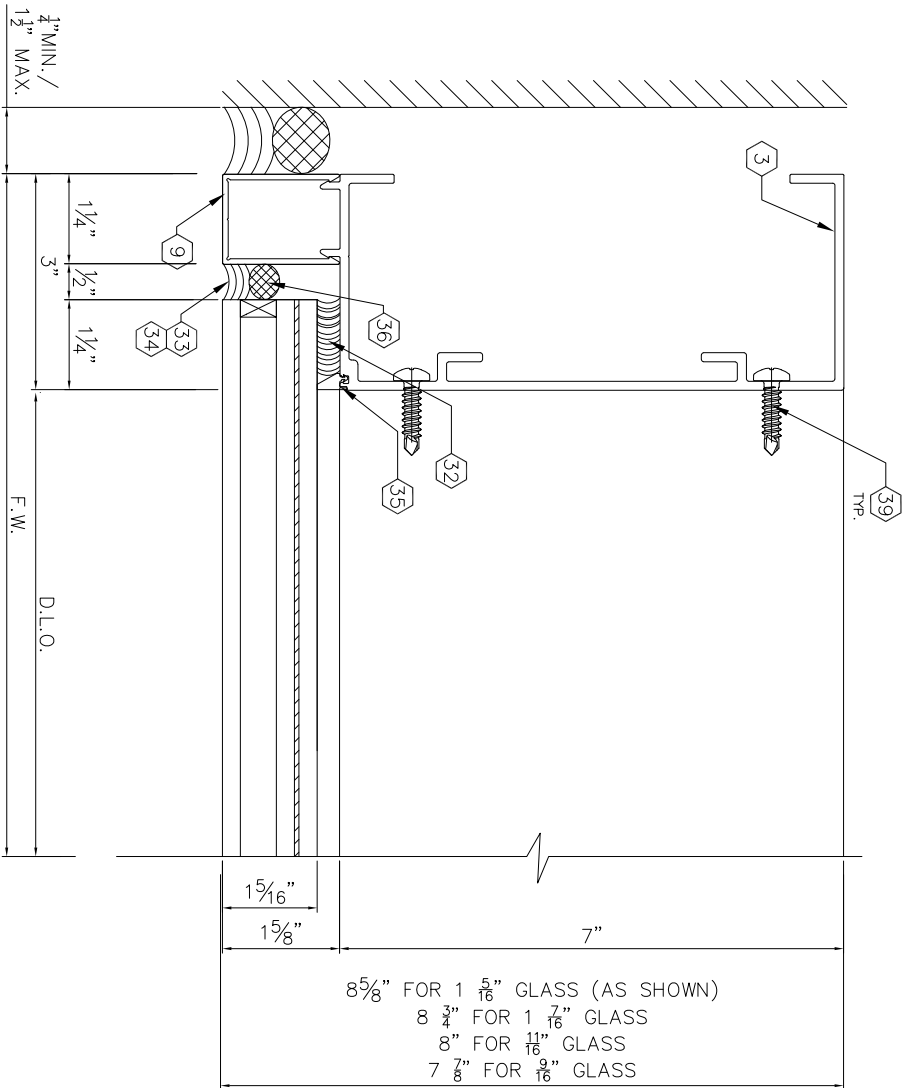
11/28/23

REVISIONS:

ENGINEER:

STANTON ENGINEERING, INC.
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2701 N.W. BOCA RATON BLVD.
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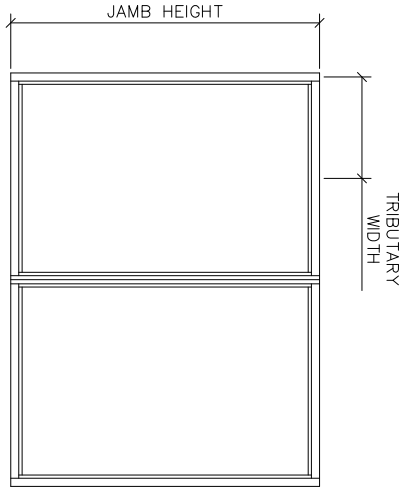


1 JAMB DETAIL

2 REINFORCED JAMB DETAIL

JAMB CHART - DETAIL 1/18			
FRAME DIMENSIONS		ALLOWABLE DESIGN PRESSURE-PSF	
HEIGHT	WIDTH	+	-
78	48.5	100	120
81	46.7	100	120
84	45	100	120
87	43.4	100	120
90	42	100	120
93	40.6	100	120
96	39.3	100	120
99	38.2	100	120
102	37	100	120
105	36	100	120
108	35	100	120
111	34	100	120
114	33.1	100	120
117	32.3	100	120
120	31.5	100	120
123	30.75	100	120

JAMB CHART - DETAIL 2/18			
FRAME DIMENSIONS		ALLOWABLE DESIGN PRESSURE-PSF	
HEIGHT	WIDTH	+	-
84	63.6	100	120
90	59.4	100	120
96	55.7	100	120
102	52.4	100	120
108	49.5	100	120
114	46.9	100	120
120	44.5	100	120
126	42.4	100	120
132	40.5	100	120
138	38.7	100	120
144	37.1	100	120
150	35.6	100	120
156	34.2	100	120
162	33	100	120
168	31.8	100	120
174	30.75	100	118.8



NOTE:
SEALANT AT JAMB GAPS
SHALL BE DESIGNED TO MEET
PROJECT SPECIFIC DESIGN
CRITERIA BASED ON
MANUFACTURER TECHNICAL
DATA/ RECOMMENDATIONS.

MULLION PROPERTIES		
PART	lx(in ⁴)	Sxx(in ³)
PGC-7882	15.229	4.169
3/8" X 6" STEEL	6.75x2.9=19.57(AL)	2.25

JAMB CHART - DETAIL 2/18			
FRAME DIMENSIONS		ALLOWABLE DESIGN PRESSURE-PSF	
HEIGHT	WIDTH	+	-
118	43.6	80	80
121	42.5	80	80
124	41.5	80	80
127	40.5	80	80
130	39.6	80	80
133	38.7	80	80
136	37.8	80	80
139	37	80	80
142	36.2	80	80
145	35.5	80	80
148	34.7	80	80
151	34	80	80
154	33.4	80	80
157	32.7	80	80
160	32.1	80	80
163	31.5	80	80
166	31	80	80
169	30.4	80	80
172	29.9	80	80
175	29.4	80	80
178	28.9	80	80
181	28.4	80	80
184	27.9	80	80
187	27.5	80	80
190	27	80	80
193	26.6	80	80
196	26.2	80	80
199	25.8	80	80
202	25.4	80	80
205	25.1	80	80
208	24.75	80	80

JAMB CHART - DETAIL 2/18			
FRAME DIMENSIONS		ALLOWABLE DESIGN PRESSURE-PSF	
HEIGHT	WIDTH	+	-
108	65	50	50
114	61	50	50
120	58	50	50
126	56	50	50
132	53	50	50
138	51	50	50
144	49	50	50
150	47	50	50
156	45	50	50
162	43	50	50
168	42	50	50
174	40	50	50
180	39	50	50
186	37	50	50
192	36	50	50
198	35	50	50
204	34	50	50
210	33	50	50
216	32	50	50
222	31.5	50	50
224	31.5	50	50

DRAWING TITLE:
PGC-788 SINGLE SPAN, TWIN SPAN &
MULTI-SPAN CURTAIN WALL SYSTEM

DWG. #
PGC 788 SS-TS-MS

PAGE TITLE:
DETAILS

PAGE NO.
18/40

 **PERSPECTIVE
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POMPANO BEACH, FL 33069
PH. (954) 773-9714
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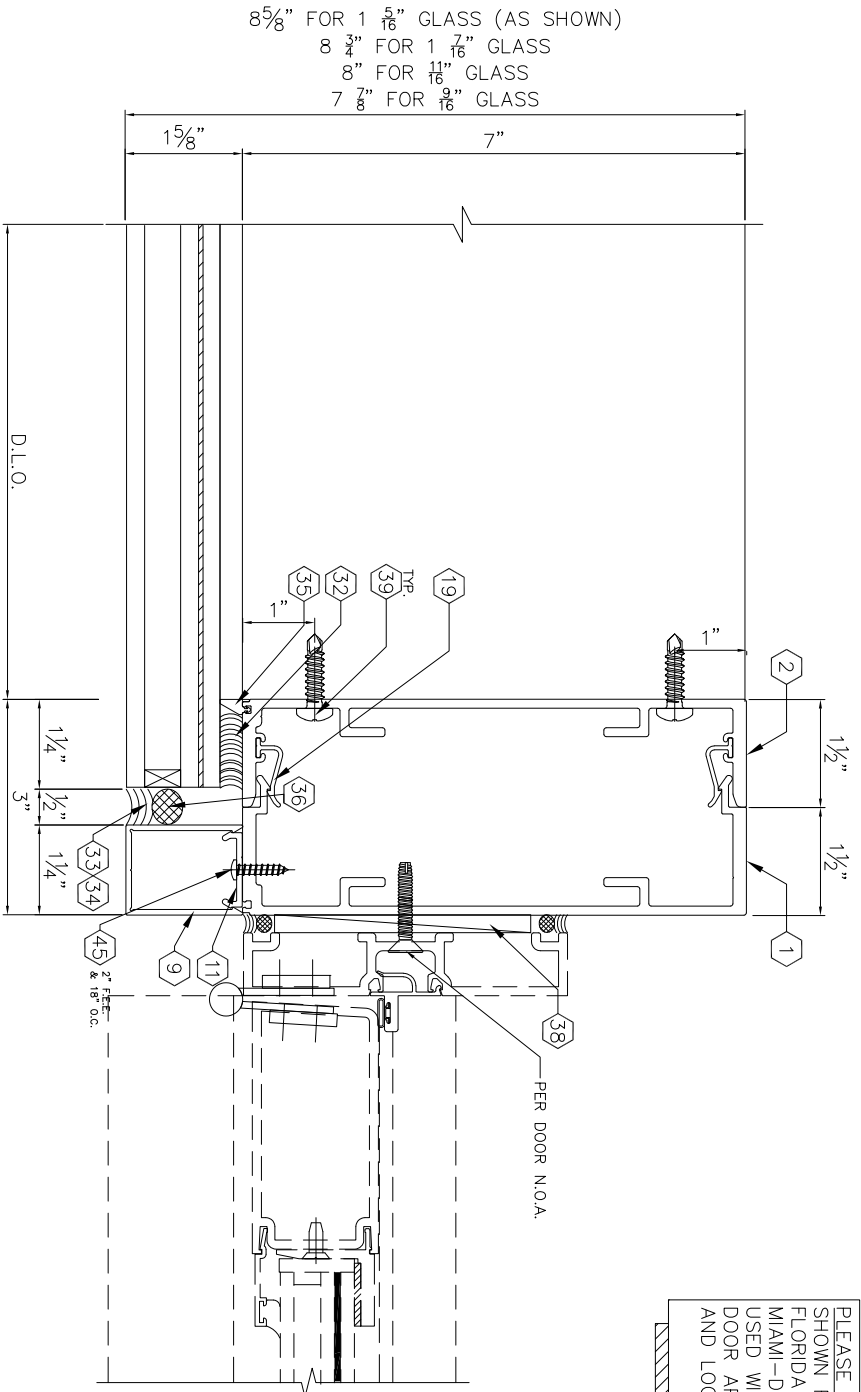
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REVISIONS:

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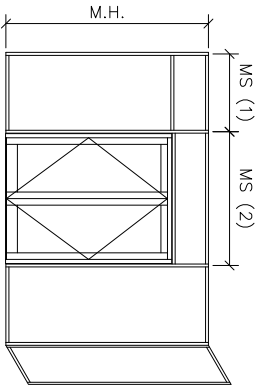
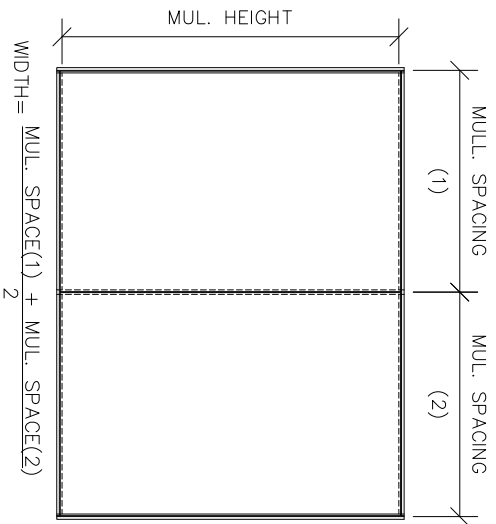


PLEASE NOTE: DOOR DETAILS ARE SHOWN FOR REFERENCE ONLY. ANY FLORIDA PRODUCT APPROVAL OR MIAMI-DADE APPROVED DOOR MAY BE USED WITH THIS SYSTEM. PLEASE SEE DOOR APPROVAL FOR FASTENER TYPE AND LOCATION.

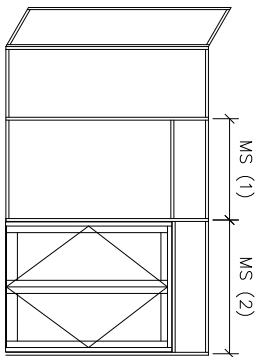
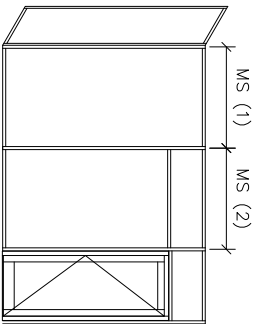
Vertical Door Mullion			
MULLION CHART - DETAIL 1/20		ALLOWABLE DESIGN PRESSURE (PSF)	
FRAME DIMENSIONS			
HEIGHT	WIDTH	+	-
78	94	100	120
81	91	100	120
84	87	100	120
87	84	100	120
90	82	100	120
93	79	100	120
96	76	100	120
99	74	100	120
102	72	100	120
105	70	100	120
108	68	100	120
111	66	100	120
114	64	100	120
117	63	100	120
120	61	100	120
123	60	100	118

MULLION PROPERTIES			
PART	Ixx(in ⁴)		Sxx(in ³)
PGC-7880	11.694		3.326
PGC-7881	10.735		3.060

1
20
INT. VERTICAL DOOR MULLION DETAIL



OTHER CONFIGURATIONS



DRAWING TITLE:
PGC-788 SINGLE SPAN, TWIN SPAN &
MULTI-SPAN CURTAIN WALL SYSTEM

DWG. #
PGC 788 SS-TS-MS

PAGE TITLE:
DETAILS

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**PERSPECTIVE
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ENGINEER:

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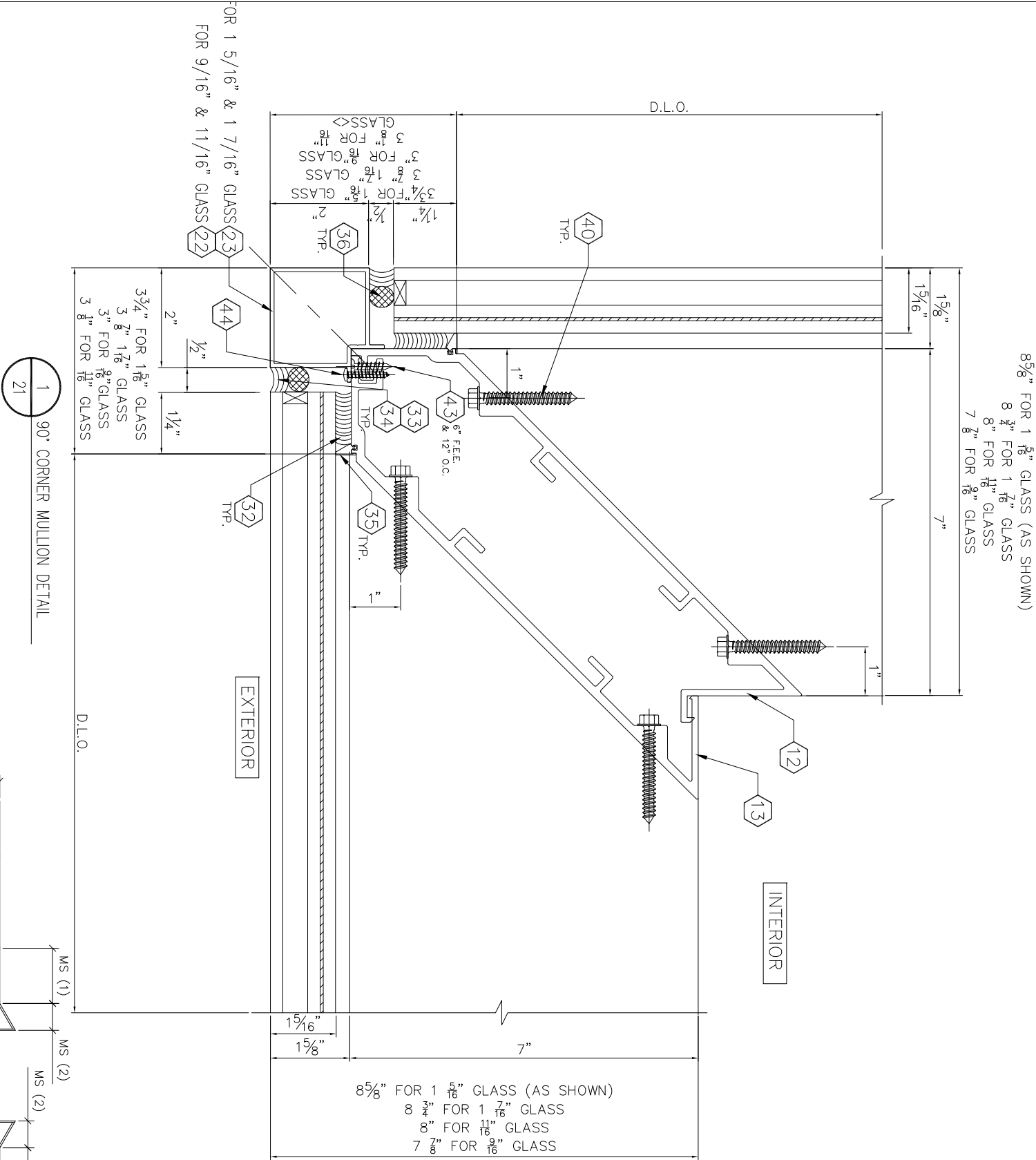
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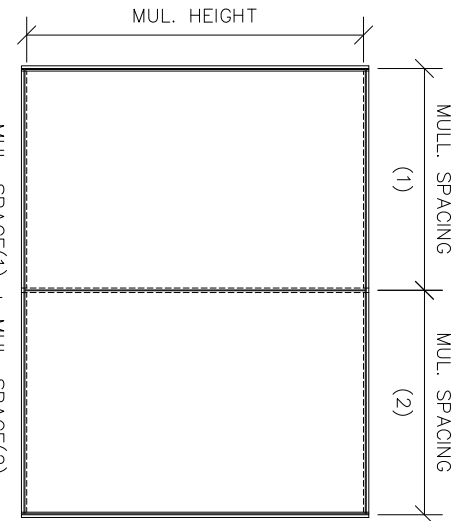
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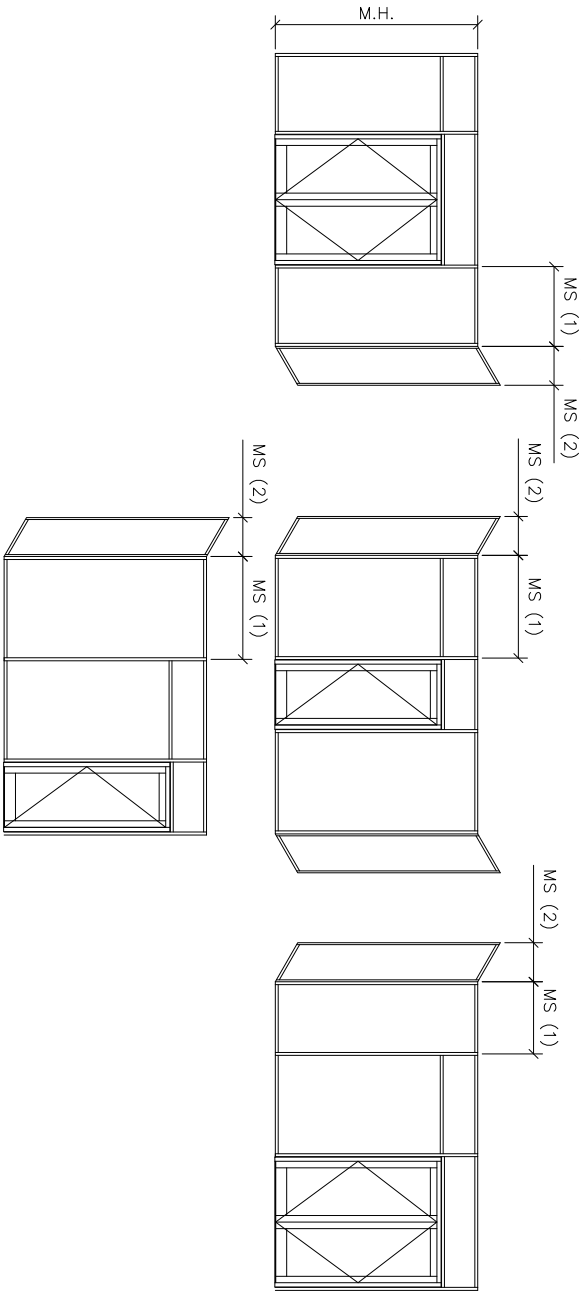
CORNER MULLION CHART - DETAIL 1/21				
FRAME DIMENSIONS		ALLOWABLE DESIGN PRESSURE (PSI)		
HEIGHT	WIDTH	+	-	
84	124	100	120	
90	116	100	120	
96	108	100	120	
102	102	100	120	
108	96	100	120	
114	91	100	120	
120	87	100	120	
126	82	100	120	
132	79	100	120	
138	75	100	120	
144	72	100	120	
150	69	100	120	
156	66	100	120	
162	64	100	120	
168	62	100	119.4	
174	60	100	115	

CORNER MULLION CHART - DETAIL 1/21				
FRAME DIMENSIONS		ALLOWABLE DESIGN PRESSURE (PSI)		
HEIGHT	WIDTH	+	-	
108	128	50	50	
114	121	50	50	
120	115	50	50	
126	110	50	50	
132	105	50	50	
138	100	50	50	
144	96	50	50	
150	92	50	50	
156	89	50	50	
162	85	50	50	
168	82	50	50	
174	79	50	50	
180	77	50	50	
186	74	50	50	
192	72	50	50	
198	70	50	50	
204	68	50	50	
210	66	50	50	
216	64	50	50	
222	62	50	50	
224	62	50	50	

MULLION PROPERTIES			
PART	Ixx(in ⁴)	Sxx(in ³)	
PGC-7888	36.683	5.999	
PGC-7889	35.427	6.095	



OTHER CONFIGURATIONS



DRAWING TITLE:
PGC-788 SINGLE SPAN, TWIN SPAN &
MULTI-SPAN CURTAIN WALL SYSTEM

DWG. #
PGC 788 SS-TS-MS

PAGE TITLE:
DETAILS

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750 SW 14TH AVENUE
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SCALE:

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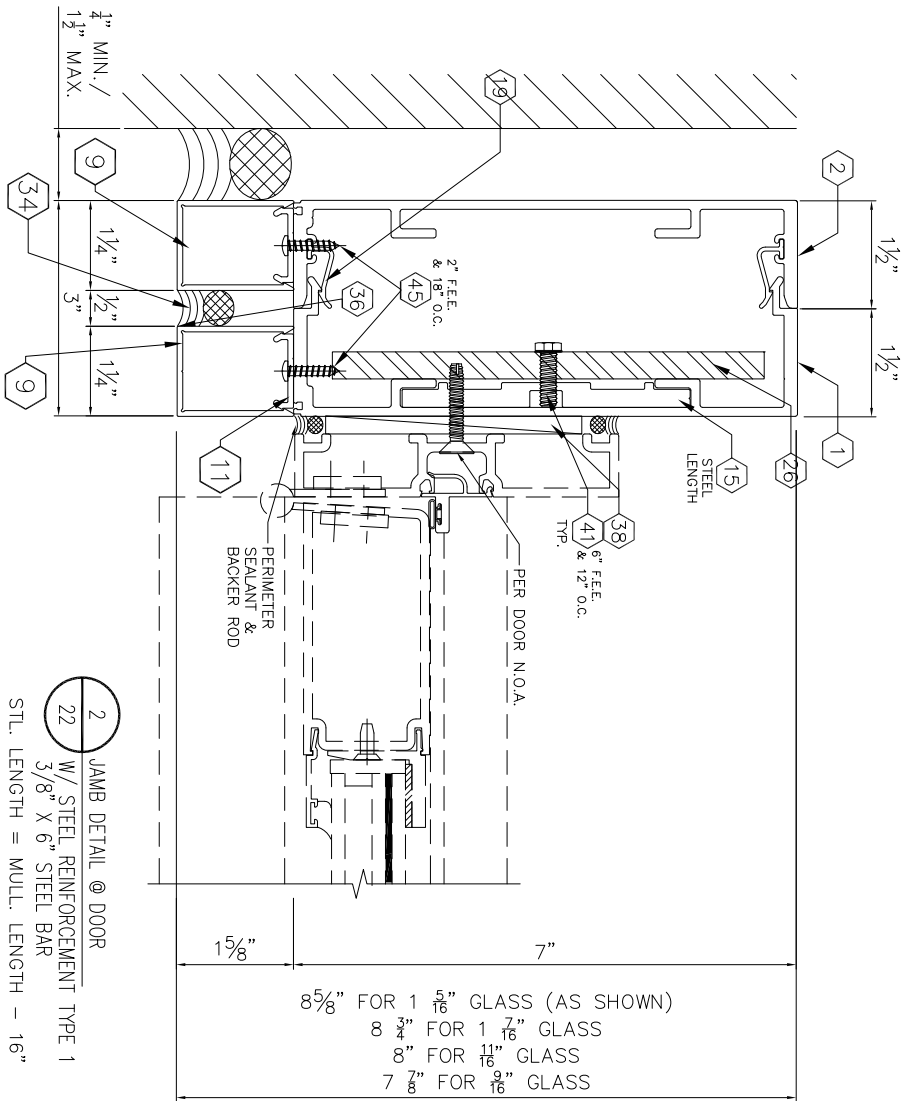
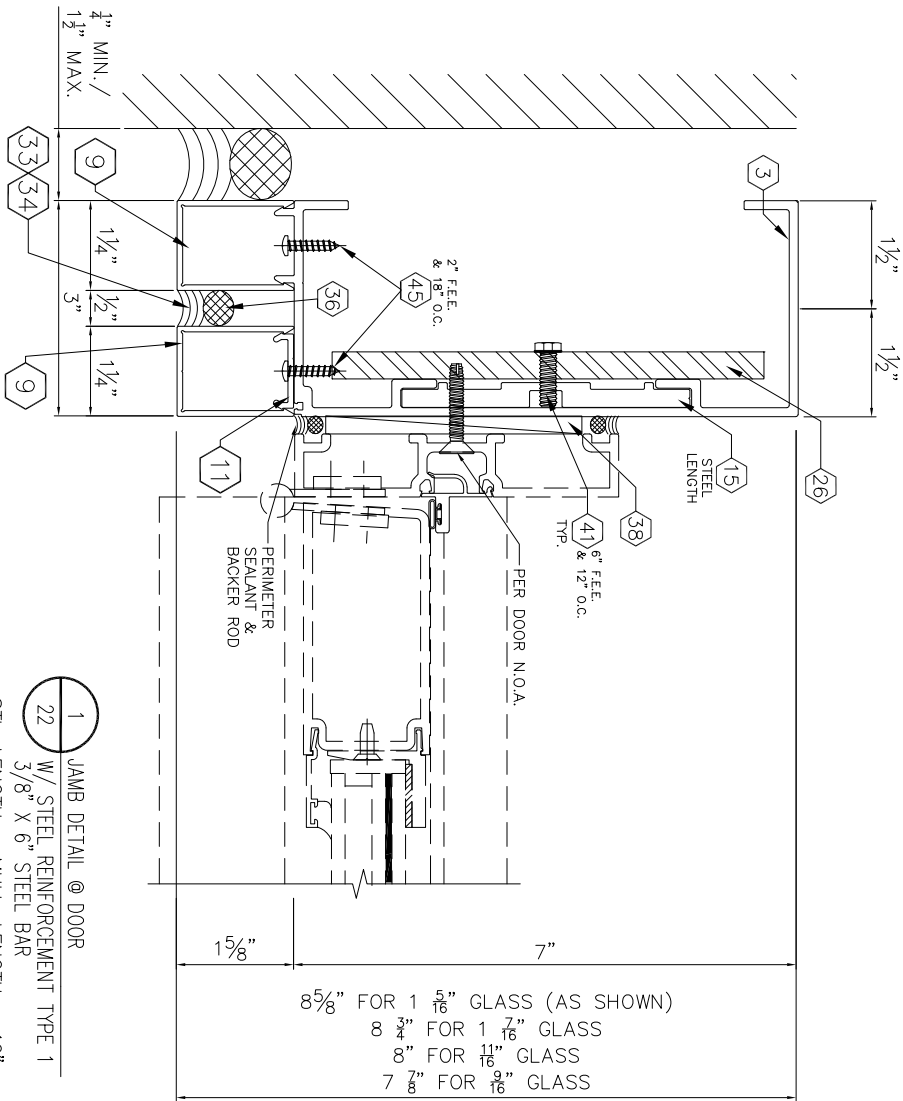
11/28/23

REVISIONS:

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SEAL:



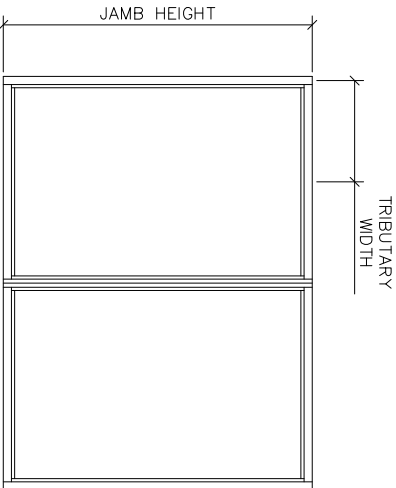
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NOTE: SEALANT AT JAMB GAPS SHALL BE DESIGNED TO MEET PROJECT SPECIFIC DESIGN CRITERIA BASED ON MANUFACTURER TECHNICAL DATA/ RECOMMENDATIONS.

DOOR JAMB CHART - DETAIL 1 & 2/22				
FRAME DIMENSIONS		ALLOWABLE DESIGN PRESSURE-PSF		
HEIGHT	WIDTH	+	-	
84	63.6	100	120	
90	59.4	100	120	
96	55.7	100	120	
102	52.4	100	120	
108	49.5	100	120	
114	46.9	100	120	
120	44.5	100	120	
126	42.4	100	120	
132	40.5	100	120	
138	38.7	100	120	
144	37.1	100	120	
150	35.6	100	120	
156	34.2	100	120	
162	33	100	120	
168	31.8	100	120	
174	30.75	100	118.8	

DOOR JAMB CHART - DETAIL 1 & 2/22				
FRAME DIMENSIONS		ALLOWABLE DESIGN PRESSURE-PSF		
HEIGHT	WIDTH	+	-	
118	43.6	80	80	
121	42.5	80	80	
124	41.5	80	80	
127	40.5	80	80	
130	39.6	80	80	
133	38.7	80	80	
136	37.8	80	80	
139	37	80	80	
142	36.2	80	80	
145	35.5	80	80	
148	34.7	80	80	
151	34	80	80	
154	33.4	80	80	
157	32.7	80	80	
160	32.1	80	80	
163	31.5	80	80	
166	31	80	80	
169	30.4	80	80	
172	29.9	80	80	
175	29.4	80	80	
178	28.9	80	80	
181	28.4	80	80	
184	27.9	80	80	
187	27.5	80	80	
190	27	80	80	
193	26.6	80	80	
196	26.2	80	80	
199	25.8	80	80	
202	25.4	80	80	
205	25.1	80	80	
208	24.75	80	80	

JAMB CHART - DETAIL 1 & 2/22				
FRAME DIMENSIONS		ALLOWABLE DESIGN PRESSURE-PSF		
HEIGHT	WIDTH	+	-	
108	65	50	50	
114	61	50	50	
120	58	50	50	
126	56	50	50	
132	53	50	50	
138	51	50	50	
144	49	50	50	
150	47	50	50	
156	45	50	50	
162	43	50	50	
168	42	50	50	
174	40	50	50	
180	39	50	50	
186	37	50	50	
192	36	50	50	
198	35	50	50	
204	34	50	50	
210	33	50	50	
216	32	50	50	
222	31.5	50	50	
224	31.5	50	50	



MULLION PROPERTIES			
PART	Ix(In ⁴)		Sxx(In ³)
PGC-7882	15.229		4.169
3/8" X 6" STEEL	6.75x2.9=19.57(AL)		2.25

DRAWING TITLE:
PGC-788 SINGLE SPAN, TWIN SPAN &
MULTI-SPAN CURTAIN WALL SYSTEM

DWG. #
PGC 788 SS-TS-MS

PAGE TITLE:
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PAGE NO.
22/40

**PERSPECTIVE
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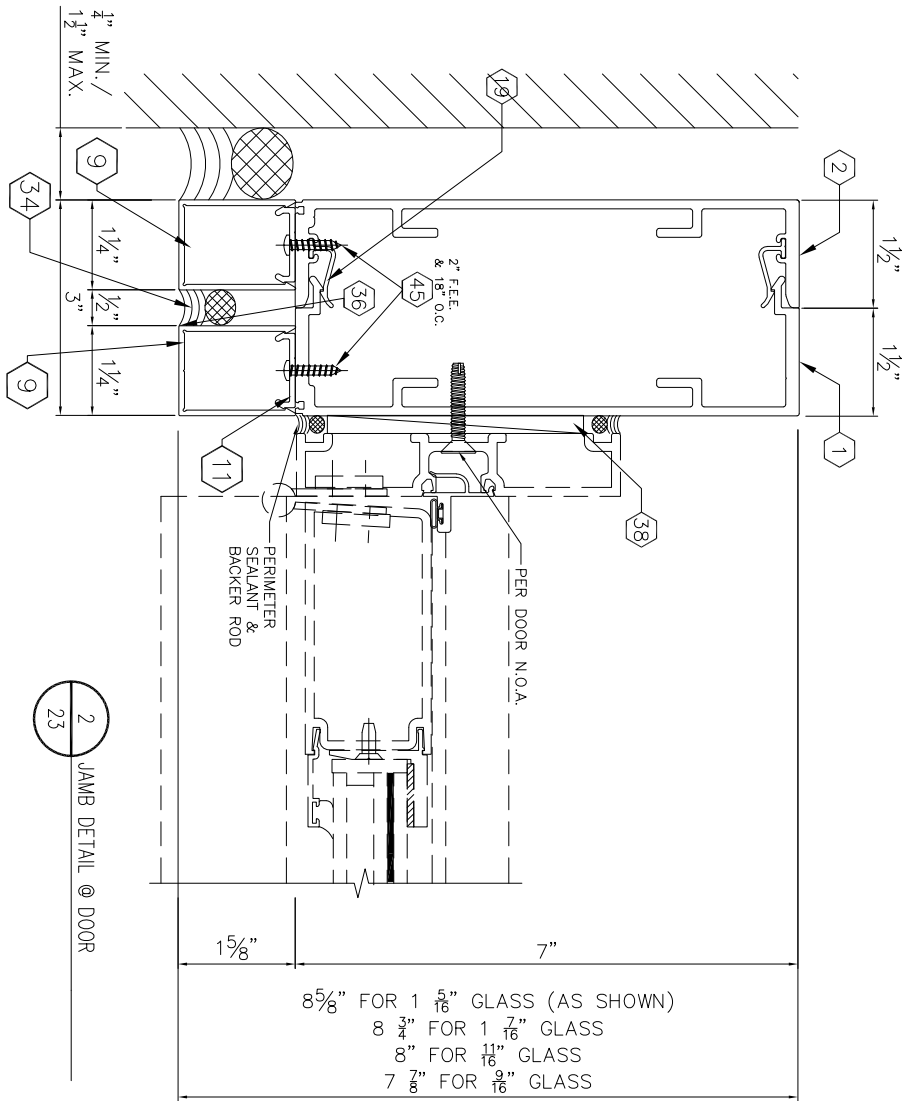
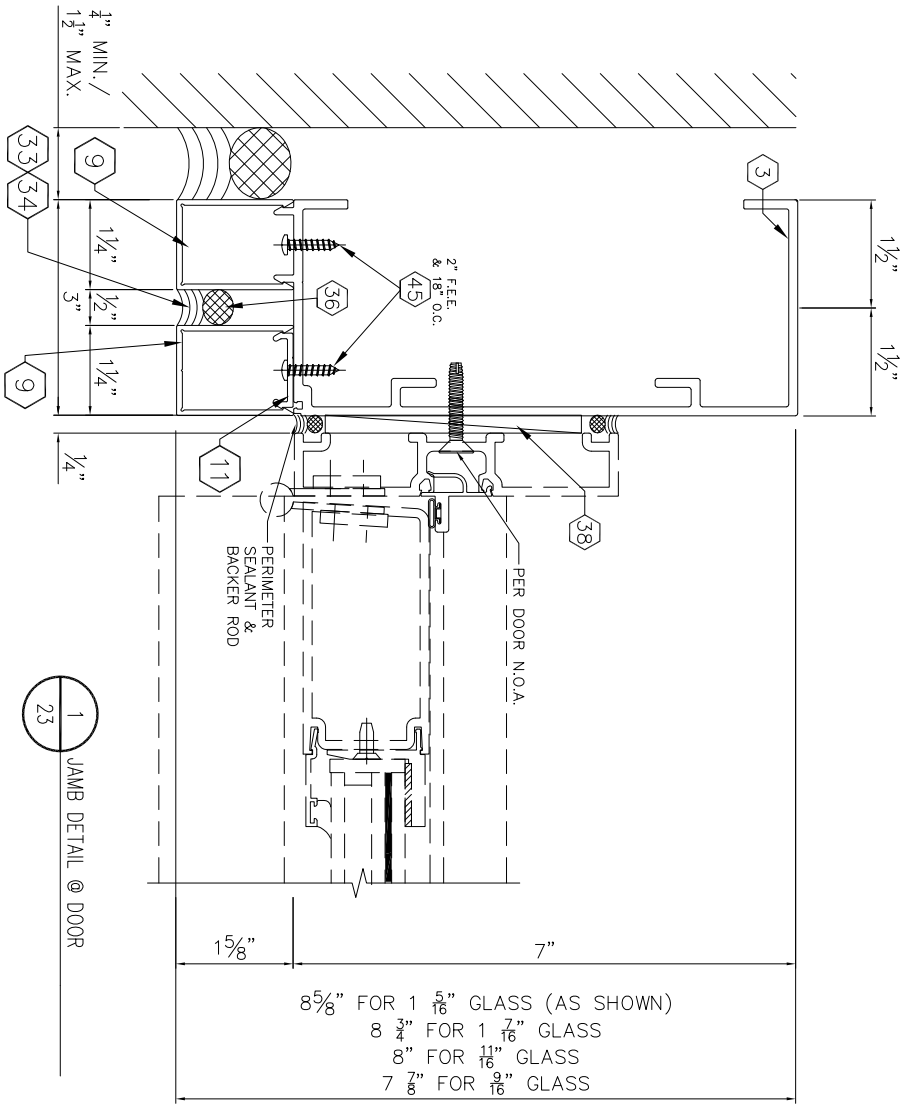
11/28/23

REVISIONS:

ENGINEER:

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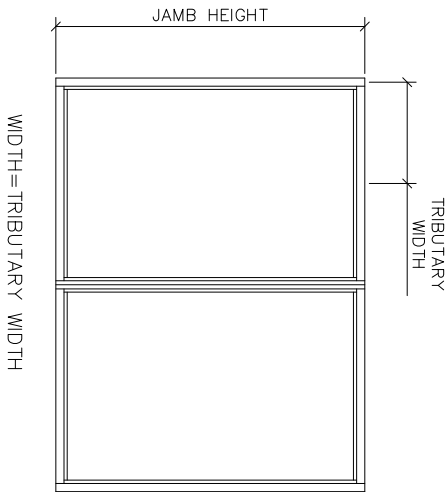
SEAL:



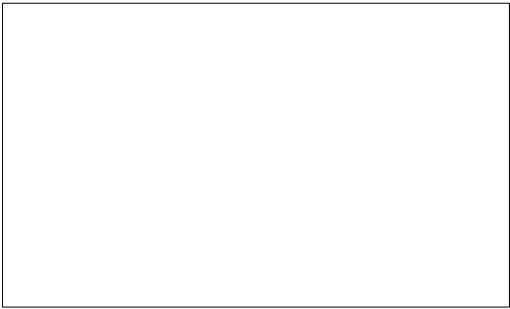
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NOTE: SEALANT AT JAMB GAPS SHALL BE DESIGNED TO MEET PROJECT SPECIFIC DESIGN CRITERIA BASED ON MANUFACTURER TECHNICAL DATA/ RECOMMENDATIONS.

DOOR JAMB CHART - DETAIL 1 & 2/23			
FRAME DIMENSIONS		ALLOWABLE DESIGN PRESSURE (psf)	
HEIGHT	WIDTH	+	-
78	48.5	100	120
81	46.7	100	120
84	45	100	120
87	43.4	100	120
90	42	100	120
93	40.6	100	120
96	39.3	100	120
99	38.2	100	120
102	37	100	120
105	36	100	120
108	35	100	120
111	34	100	120
114	33.1	100	120
117	32.3	100	120
120	31.5	100	120
123	30.75	100	120



MULLION PROPERTIES		
PART	1x(in ⁴)	Sxx(in ³)
PGC-7882	15.229	4.169

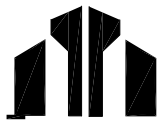


DRAWING TITLE:
PGC-788 SINGLE SPAN, TWIN SPAN & MULTI-SPAN CURTAIN WALL SYSTEM

DWG. #
PGC 788 SS-TS-MS

PAGE TITLE:
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SEAL:

TYPICAL CURTAIN WALL SECTIONS

TWIN/MULTI SPAN MULLION CHART (SPANS ARE EQUAL)												
FRAME DIMENSIONS			JAMB 1		JAMB 2		MULLION 1		MULLION 2		90 DEGREE MULLION	
SPAN	WIDTH		+	-	+	-	+	-	+	-	+	-
108	48	100	120	100	120	100	100	120	100	120	100	120
108	60	100	120	100	120	100	100	120	100	120	100	120
108	82	100	120	100	120	100	100	120	100	120	100	120
120	48	100	120	100	120	100	100	120	100	120	100	120
120	60	100	120	100	120	100	100	120	100	120	100	120
120	82	100	120	100	120	100	100	120	100	120	100	120
132	48	100	120	100	120	100	100	120	100	120	100	120
132	60	100	120	100	120	100	100	120	100	120	100	120
132	82	100	108.8	100	120	100	108.8	100	120	100	120	120
144	48	100	120	100	120	100	100	120	100	120	100	120
144	60	100	100	120	100	120	100	120	100	120	100	120
144	82	93	93	100	120	100	93	100	120	100	120	120
156	48	100	120	100	120	100	100	120	100	120	100	120
156	60	100	108	100	103.6	79	108	100	103.6	100	103.6	120
156	82	79	79	100	100	111	79	100	100	120	100	120
168	48	100	111	100	120	100	88.8	100	120	100	120	120
168	60	88.8	88.8	100	120	88.8	88.8	100	120	100	120	120
168	82	64.9	64.9	89.5	89.5	64.9	89.5	89.5	89.5	89.5	89.5	120
174	48	99	99	100	120	99	99	100	120	100	120	120
174	60	79.2	79.2	100	120	79.2	100	120	100	120	100	120
174	82	57.9	57.9	87.8	87.8	57.9	87.8	87.8	87.8	87.8	87.8	120
208	48	-	-	99	99	-	99	99	99	99	99	120
208	60	-	-	79.2	79.2	-	79.2	79.2	79.2	79.2	79.2	120
208	82	-	-	57.9	57.9	-	57.9	57.9	57.9	57.9	57.9	120
224	48	-	-	90	90	-	90	90	90	90	90	120
224	60	-	-	72	72	-	72	72	72	72	72	120
224	82	-	-	52.6	52.6	-	52.6	52.6	52.6	52.6	52.6	120

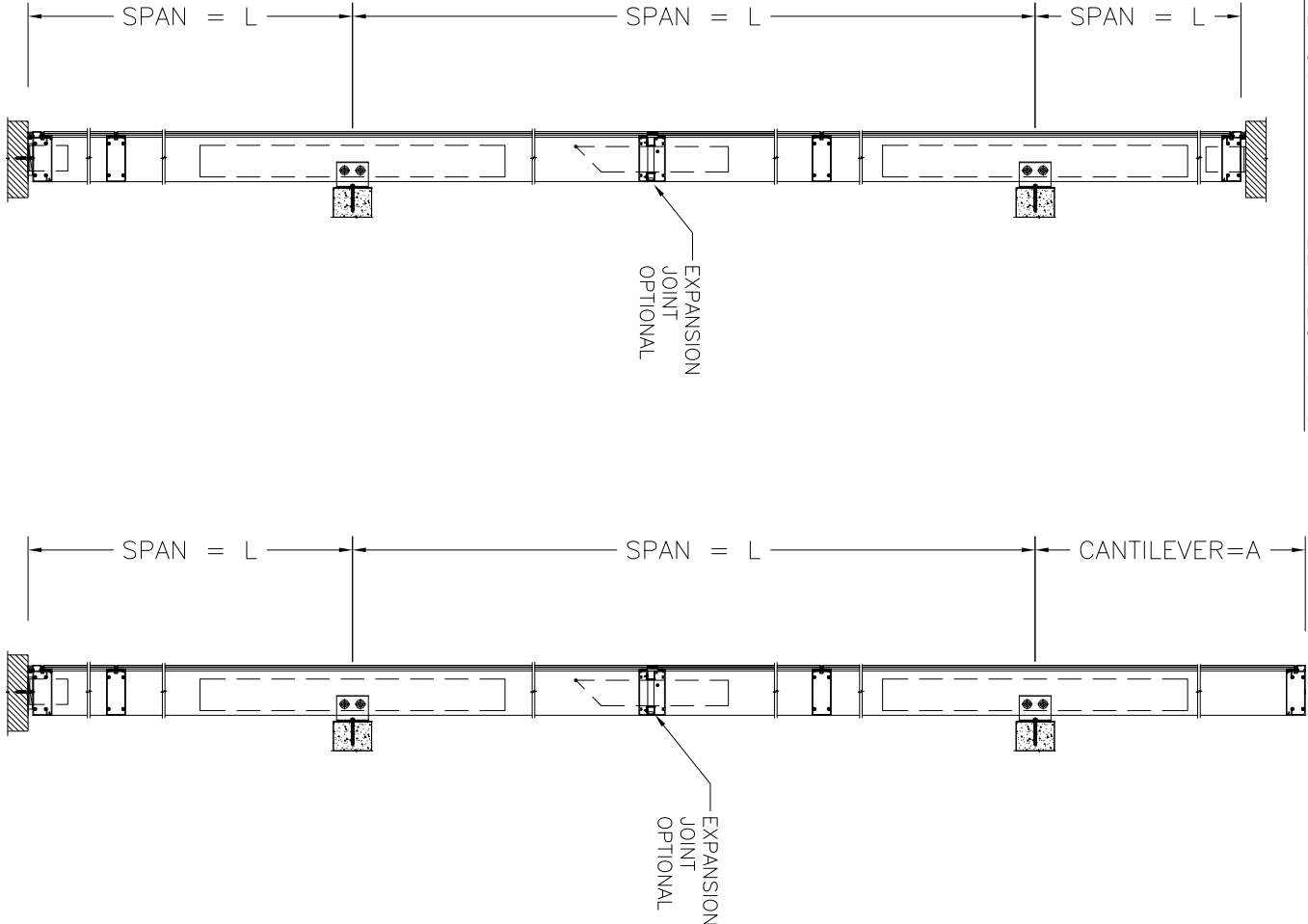
TWIN/MULTI-SPAN GENERAL NOTES:

1. SPANS AND DESIGN PRESSURES ABOVE ARE BASED ON EQUAL SPANS. FOR UNEQUAL SPANS THE ENGINEER OF RECORD WILL NEED TO ENGINEER WITHIN THE MAXIMUM VALUES AS LISTED ON THIS PAGE.
 2. THE SIZE LISTED ABOVE ARE FOR CONVENIENCE ONLY. FOR DIFFERENT SIZES THE ENGINEER WILL NEED TO ENGINEER WITHIN THE MAXIMUM VALUES LISTED ON THIS PAGE.
 3. MULLION TYPE 'M1' & 'M2' REQUIRE 1/2" X 5" & 1/2" X 6" STEEL REINFORCING BARS REQUIRED AT EACH SUPPORT (48" LONG CENTERED ON SUPPORT) –
- CORNER MULLION REQUIRES (2) 1/4" X 4" X (48" LONG) STEEL REINFORCING BARS AT EACH SUPPORT.
- JAMB J1 & J2 REQUIRES (1) 3/8" X 6" (48" LONG) CENTERED ON SUPPORT.
- REINFORCEMENT LENGTH / LOCATION & SPLICE LOCATION SHALL BE REVIEWED ON A PROJECT SPECIFIC BASIS.

JAMB END ANCHOR REACTION			
ANCHOR TYPE	SUBSTRATE	QTY OF ANCHORS	MAXIMUM ALLOWABLE REACTION
A	WOOD	3	862.5 lb
A	WOOD	4	1150 lb
A	WOOD	5	1437.5 lb
B	STEEL	3	1194 lb
B	STEEL	4	1592 lb
B1	STEEL	2	1640 lb
C	CONCRETE	2	1760 lb

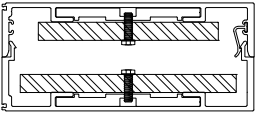
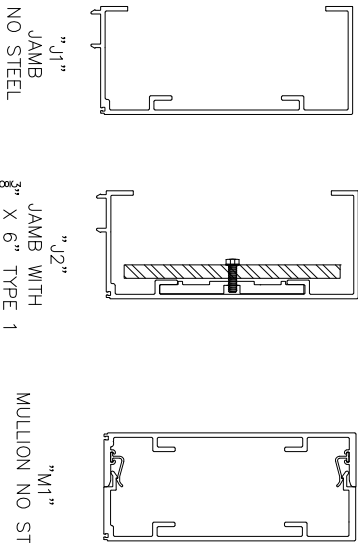
WIND LOAD ANCHOR CONNECTION LOAD CAPACITY		MAXIMUM ALLOWABLE REACTION
JAMB 1		2500 lb
JAMB 2		7162 lb
MULLION 1		5000 lb
MULLION 2		14324 lb
90 DEGREE MULLION		14324 lb

JAMB & MULLION BENDING MOMENT		MAXIMUM ALLOWABLE BENDING MOMENT
JAMB 1		61032 lb*in
JAMB 2		76316 lb*in
MULLION 1		88290 lb*in
MULLION 2		147900 lb*in
90 DEGREE MULLION		147900 lb*in

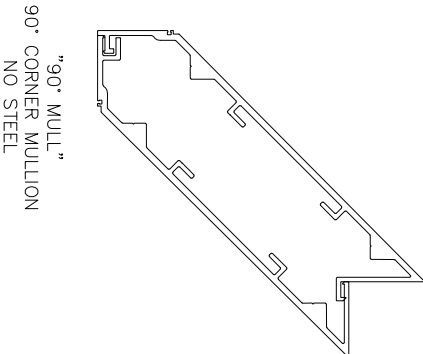


NOTE:
REFER TO PAGE 25
FOR SCREW TYPES.

MULLION/90 DEGREE MULLION END ANCHOR REACTION			
ANCHOR TYPE	SUBSTRATE	QTY OF ANCHORS	MAXIMUM ALLOWABLE REACTION
A	WOOD	6	1725 lb
A	WOOD	8	2300 lb
A	WOOD	10	2875 lb
B	STEEL	6	2388 lb
B	STEEL	8	3184 lb
B1	STEEL	4	3280 lb
C	CONCRETE	4	3520 lb

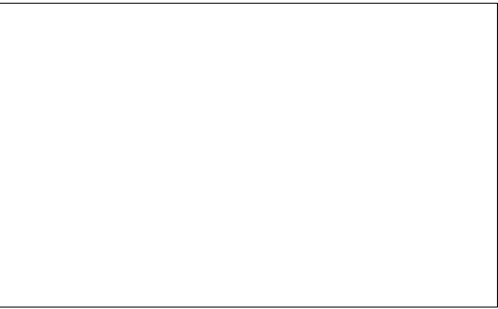


"J2"
MULLION WITH
3/8" X 6" TYPE 1
STEEL



"J2"
MULLION WITH
3/8" X 6" TYPE 1
STEEL

"90° MULL"
90° CORNER MULLION
NO STEEL



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TWIN SPAN/MULTI-SPAN

PAGE NO.
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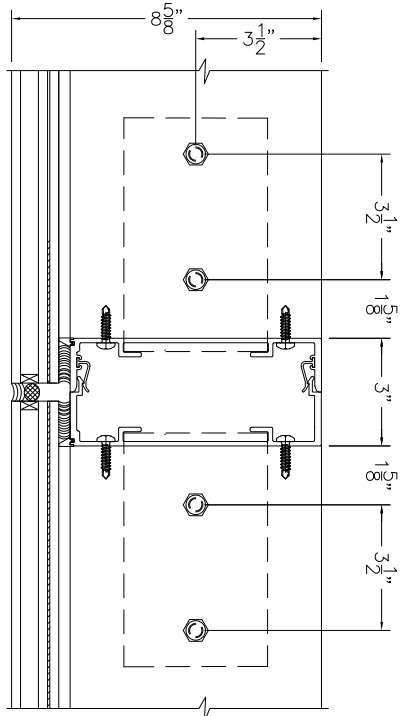
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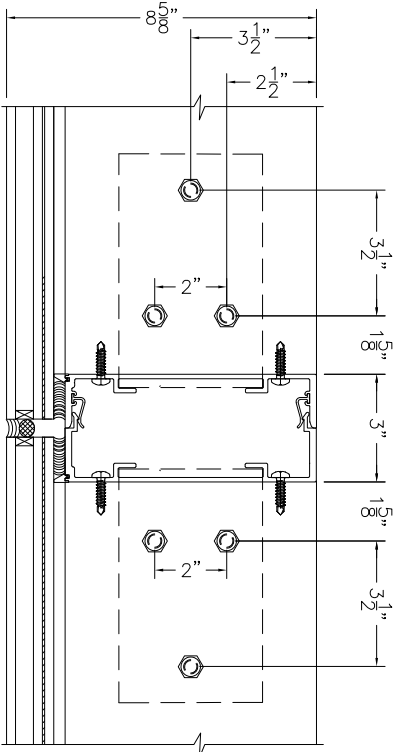
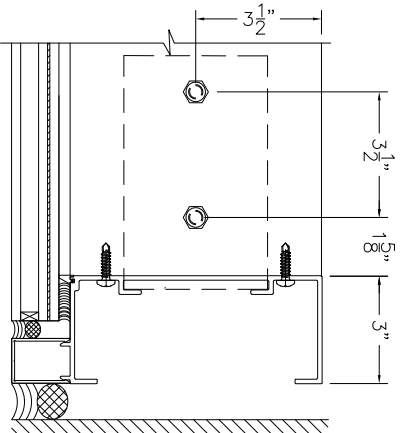
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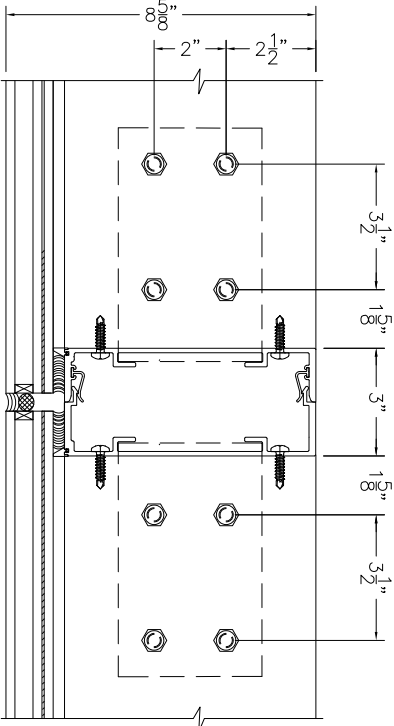
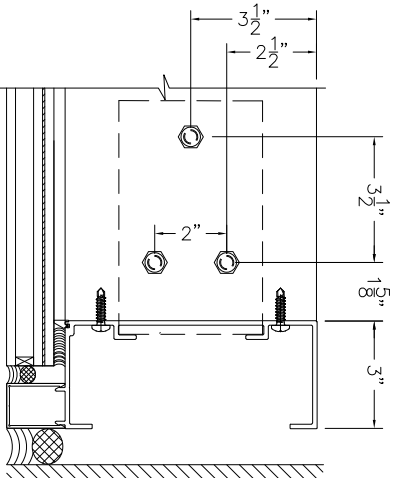
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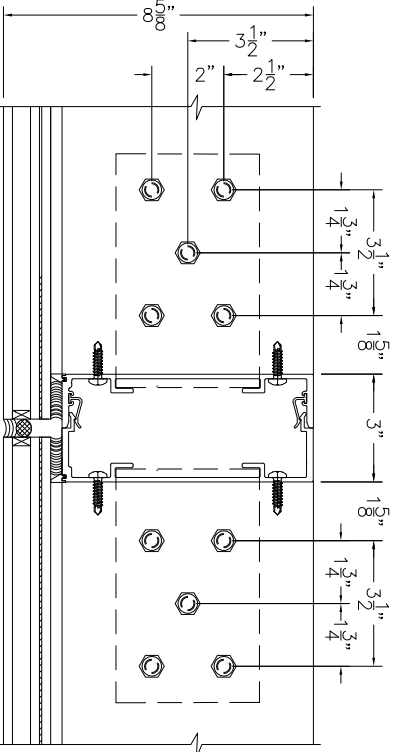
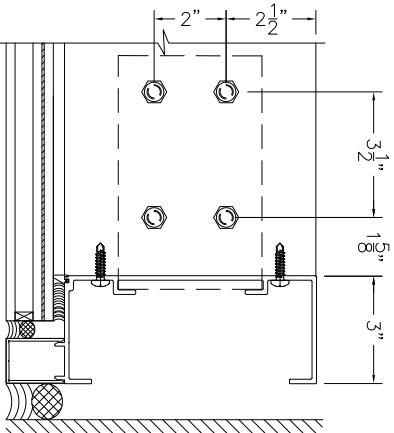
ANCHOR TYPE C AND B1
(2) AT JAMB, (4) AT VERTICAL



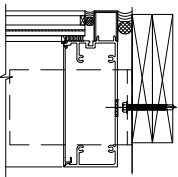
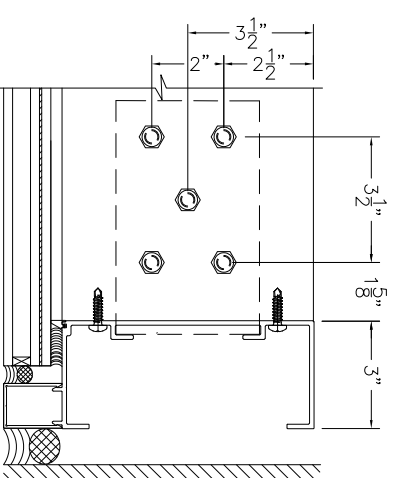
ANCHOR TYPE A AND B
(3) AT JAMB, (6) AT VERTICAL



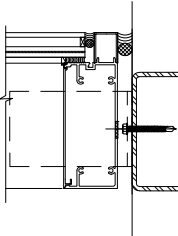
ANCHOR TYPE A AND B
(4) AT JAMB, (8) AT VERTICAL



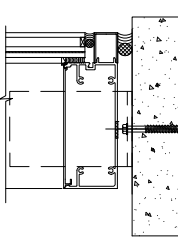
ANCHOR TYPE A
(5) AT JAMB, (10) AT VERTICAL



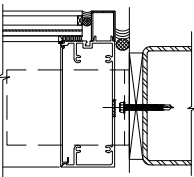
TYPE "A" IN WOOD



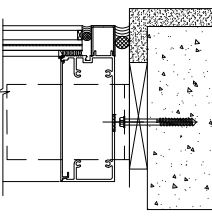
TYPE "B" OR "B1" IN
STEEL OR ALUMINUM



TYPE "C" IN CONCRETE



TYPE "B" OR "B1" IN STEEL OR
ALUM. WITH WOOD BUCK



TYPE "C" IN CONCRETE
WITH WOOD BUCK

PERIMETER FASTENER CHART (CLIP MOUNT) FOR SINGLE SPAN ONLY		ALLOWABLE DESIGN PRESSURE-PSF							
FRAME DIMENSIONS	HEIGHT	WIDTH	WOOD	WOOD	WOOD	3"ALUM. 1/8"STEEL OR 16 GA METAL STUD	3"ALUM. 1/8"STEEL OR 16 GA METAL STUD	3"ALUMINUM OR 1" STEEL	CONCRETE
	174"	60"	47.5	63.4	79.3	65.8	87.8	90.5	97.1
	208"	48"	49.7	66.3	82.9	68.9	91.8	94.6	101.5

NOTE: CHART REPRESENTS PRE-QUALIFIED ANCHOR CONDITIONS. REFER TO
ENGINEERED CALCULATIONS FOR PROJECT SPECIFIC CONDITIONS.

TYPICAL ANCHORS

- TYPE A: 5/16" HEX HEAD DEWALT ULTRACONS INTO WOOD (S.G. = 0.55 MIN) WITH
1 1/2" EMBEDMENT, 1 5/8" EDGE DISTANCE.
- TYPE B: 1/2"-20 S.M.S. INTO 3/8" ALUMINUM, 3/8" STEEL OR 16 GA. METAL STUDS
WITH FULL EMBEDMENT AND 3/4" EDGE DISTANCE.
- TYPE B1: 3/8"-16 HEX HEAD DEWALT TAP-FLEX THROUGH STEEL (1/8"STEEL) OR
ALUMINUM (3/8", 6063-T6 MIN.) WITH FULL EMBEDMENT
AND 3/4" EDGE DISTANCE.
- TYPE C: 3/8" DEWALT SCREW BOLT, DIRECTLY INTO CONCRETE
(3000 PSI MIN.) OR THRU WOOD BUCK INTO CONCRETE, WITH 3 1/4"
EMBEDMENT, 4", EDGE DISTANCE.

WOOD BUCKS AND METAL STRUCTURE
NOT BY PGC. WOOD BUCKS MUST BE
PROPERLY ATTACHED TO SUBSTRATE,
TO TRANSFER LOADS IMPOSED BY
GLAZING SYSTEM TO THE BUILDING
STRUCTURE.

DIRECT MOUNT ANCHORAGE
SEE PROJECT SPECIFIC CALCULATION

TWIN/MULTI-SPAN ANCHORAGE
SEE PROJECT SPECIFICATION
CALCULATION.



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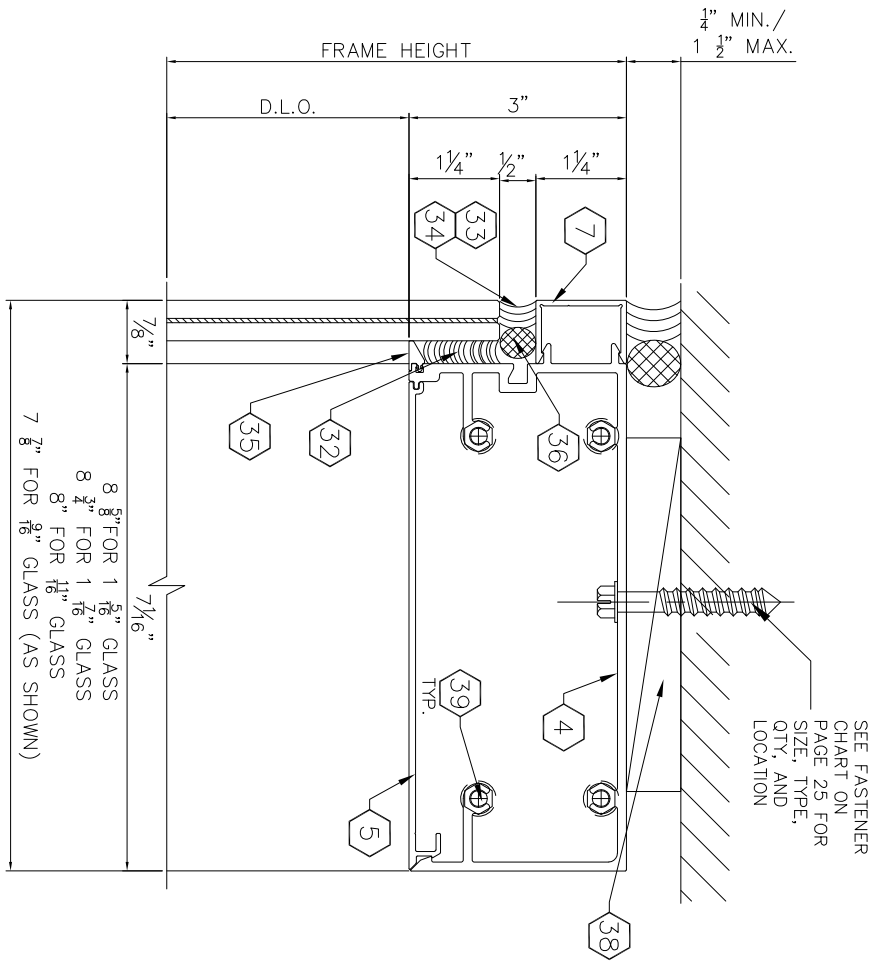
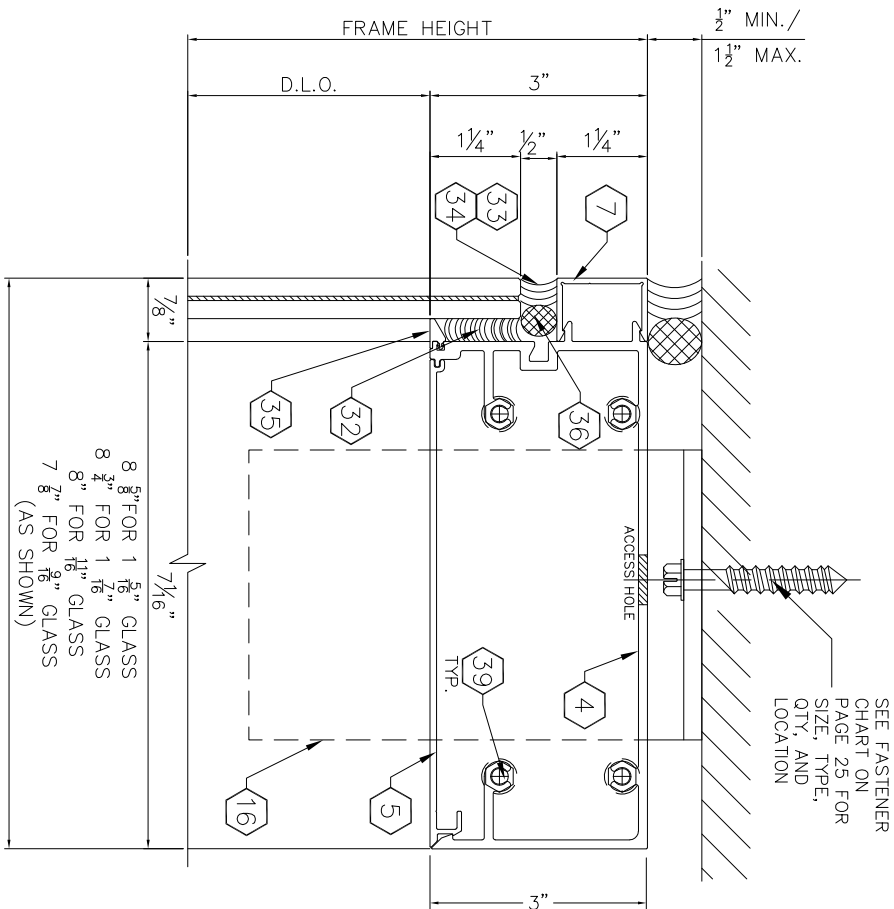
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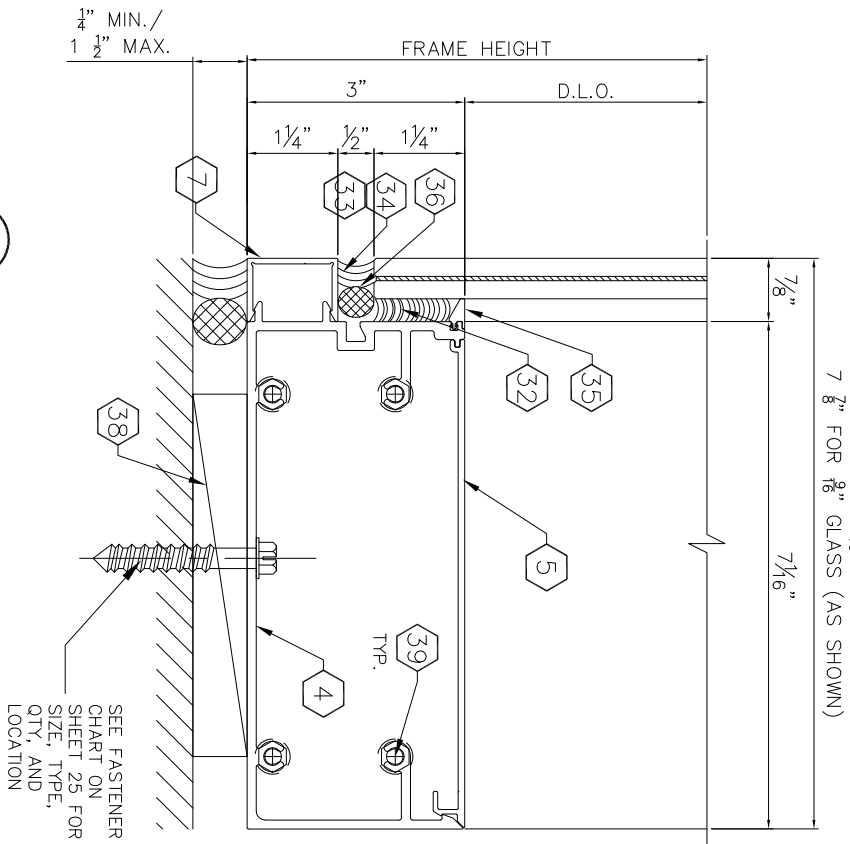
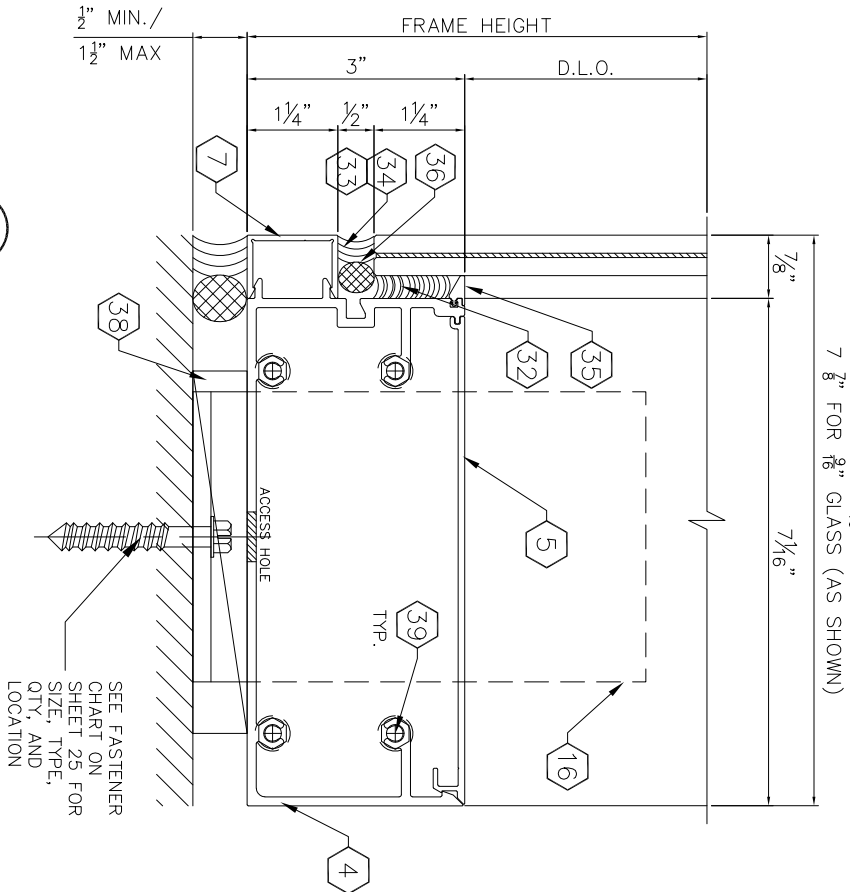
PAGE NO.

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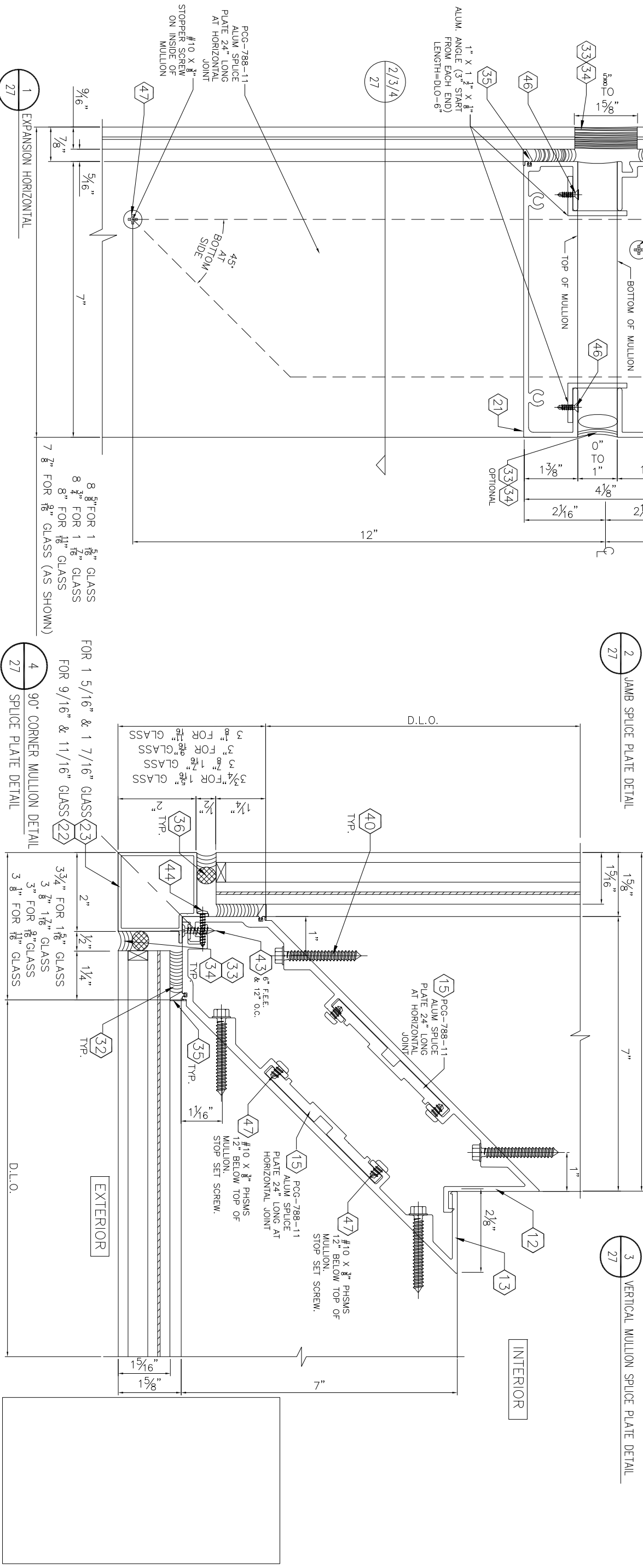
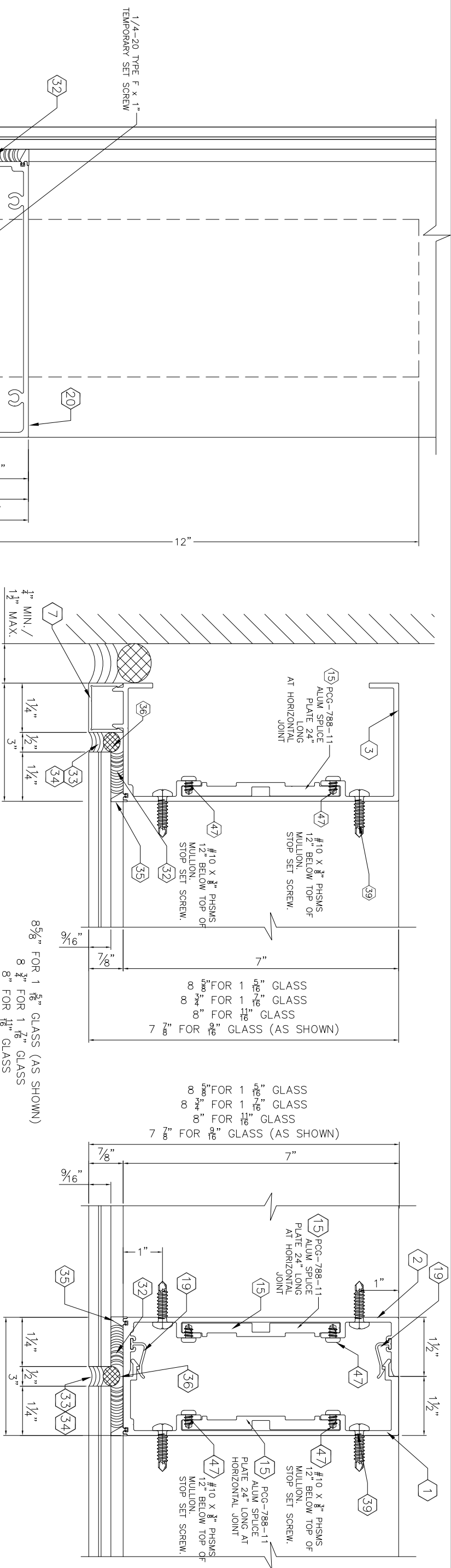
1 TYPICAL HEAD DETAIL

3 HEAD DETAIL - DIRECT MOUNT



2 TYPICAL SILL DETAIL

4 SILL DETAIL - DIRECT MOUNT





P

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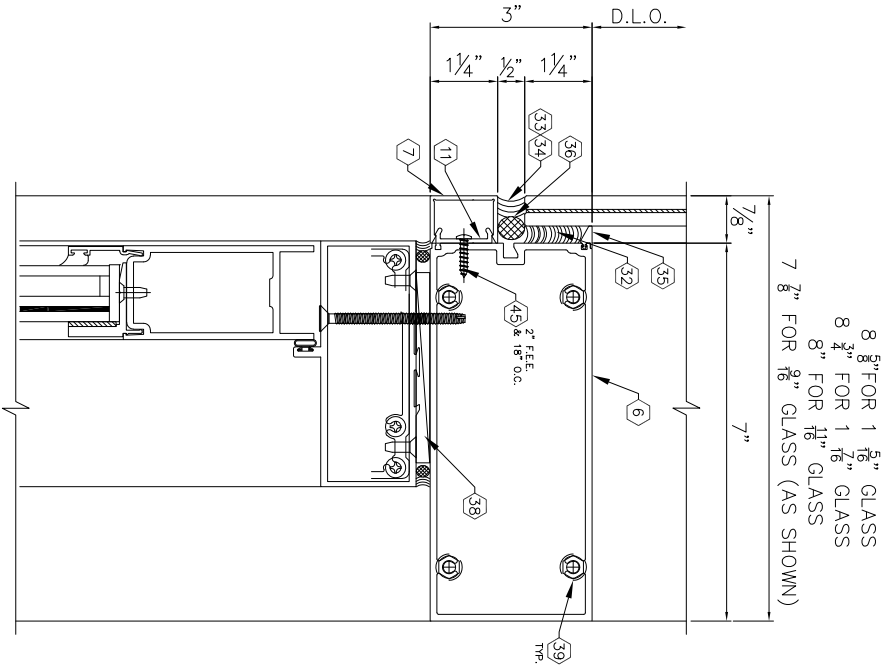
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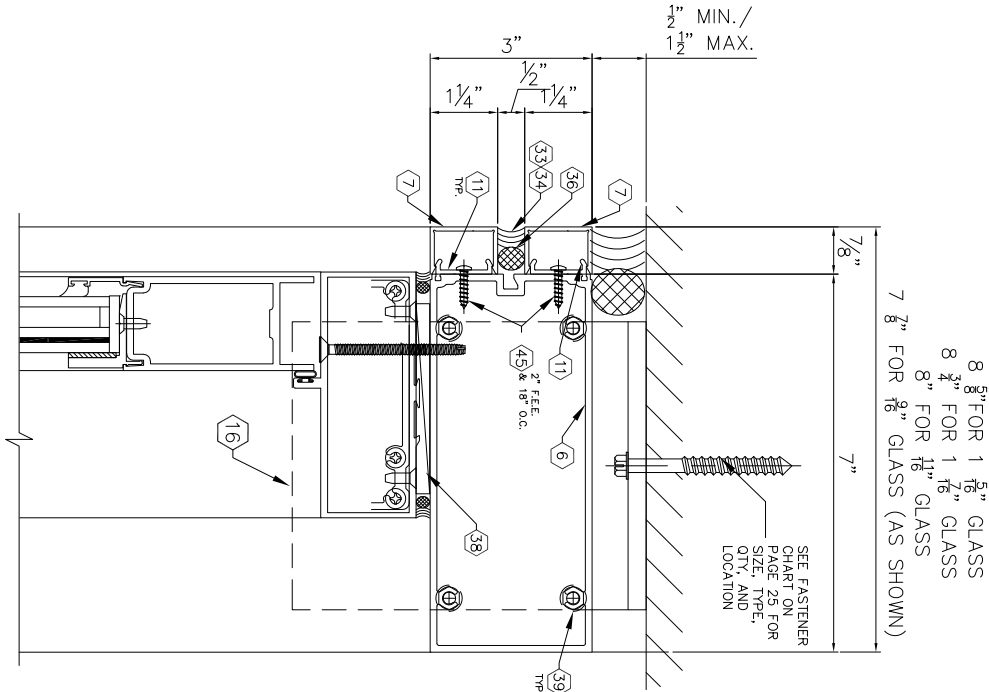
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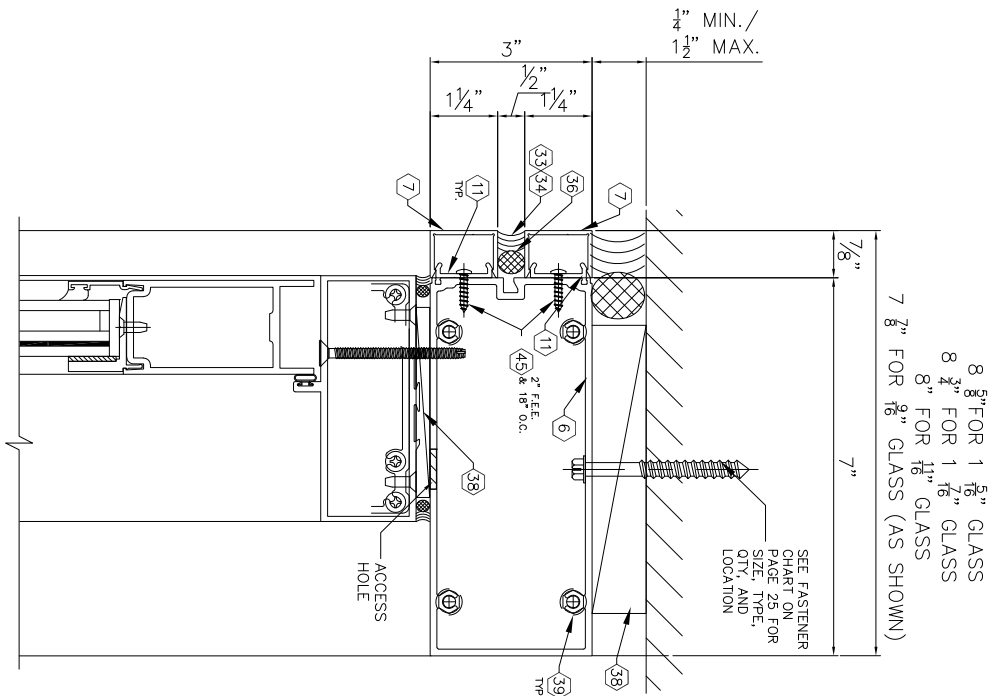
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1 DOOR HEAD w/TRANSOM

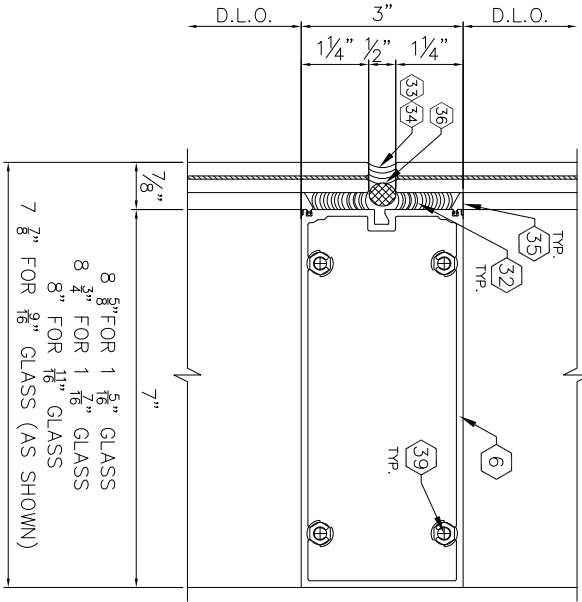


2 DOOR HEAD w/OUT TRANSOM w/ CLIP ANCHOR

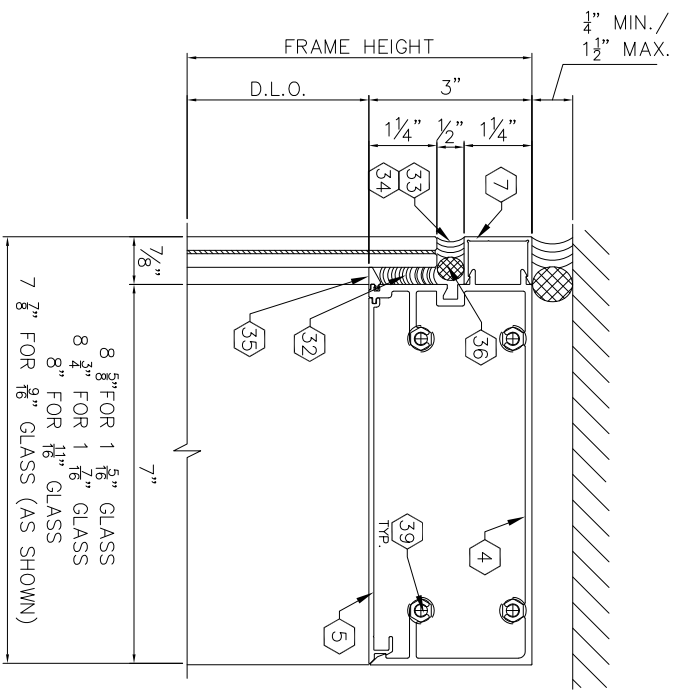


3 DOOR HEAD w/OUT TRANSOM DIRECT MOUNT

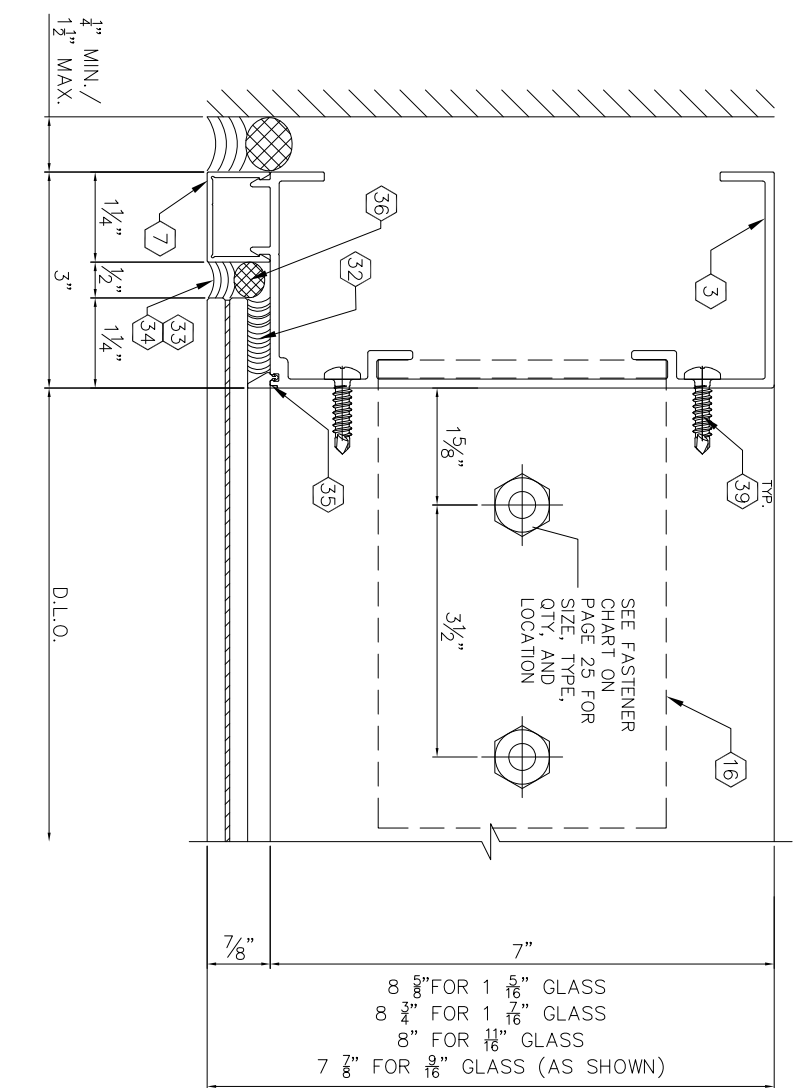
PLEASE NOTE: DOOR DETAILS ARE SHOWN FOR REFERENCE ONLY. ANY FLORIDA PRODUCT APPROVAL OR MIAMI-DADE APPROVED DOOR MAY BE USED WITH THIS SYSTEM. PLEASE SEE DOOR APPROVAL FOR FASTENER TYPE AND LOCATION.



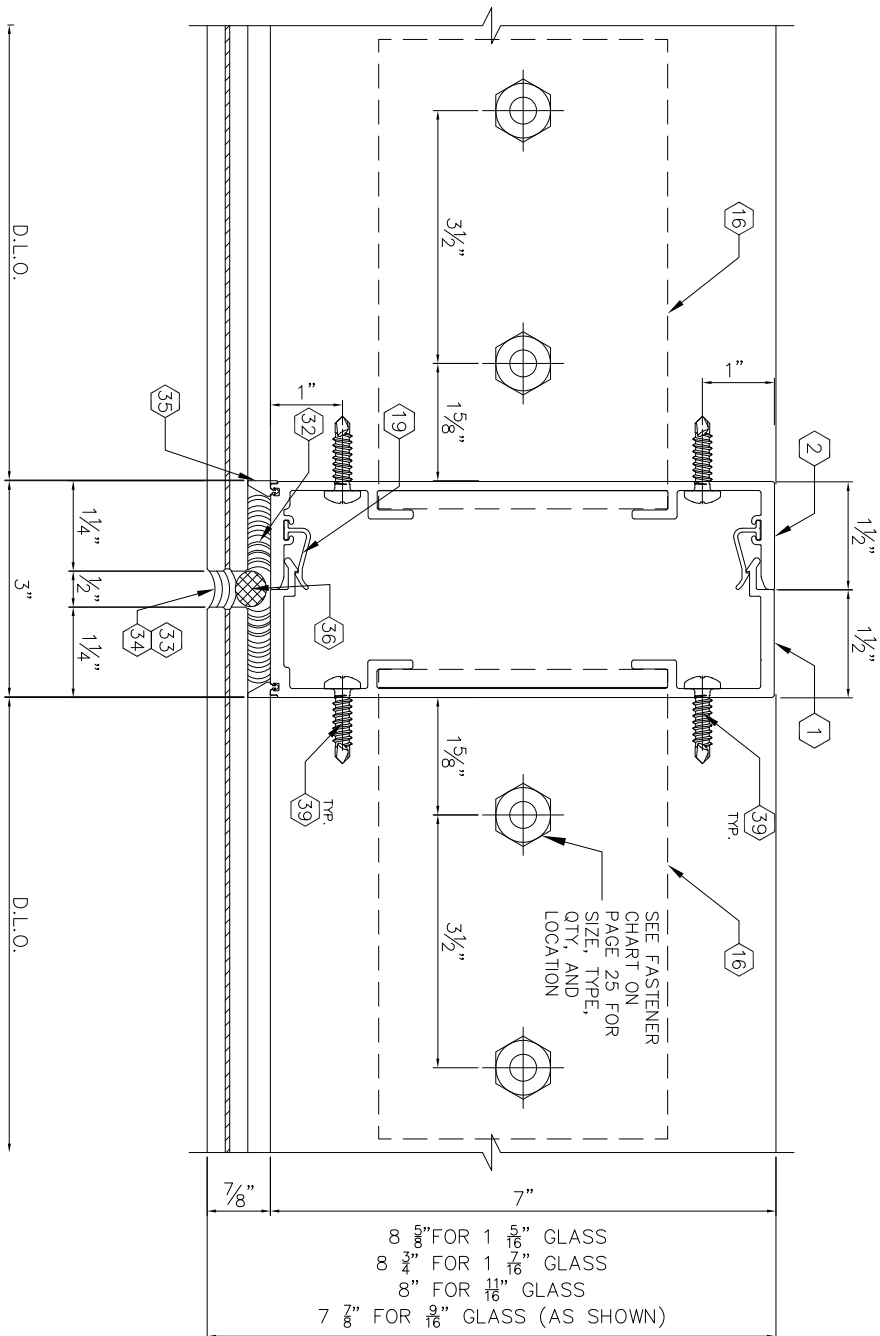
4 INT. HORIZONTAL DETAIL



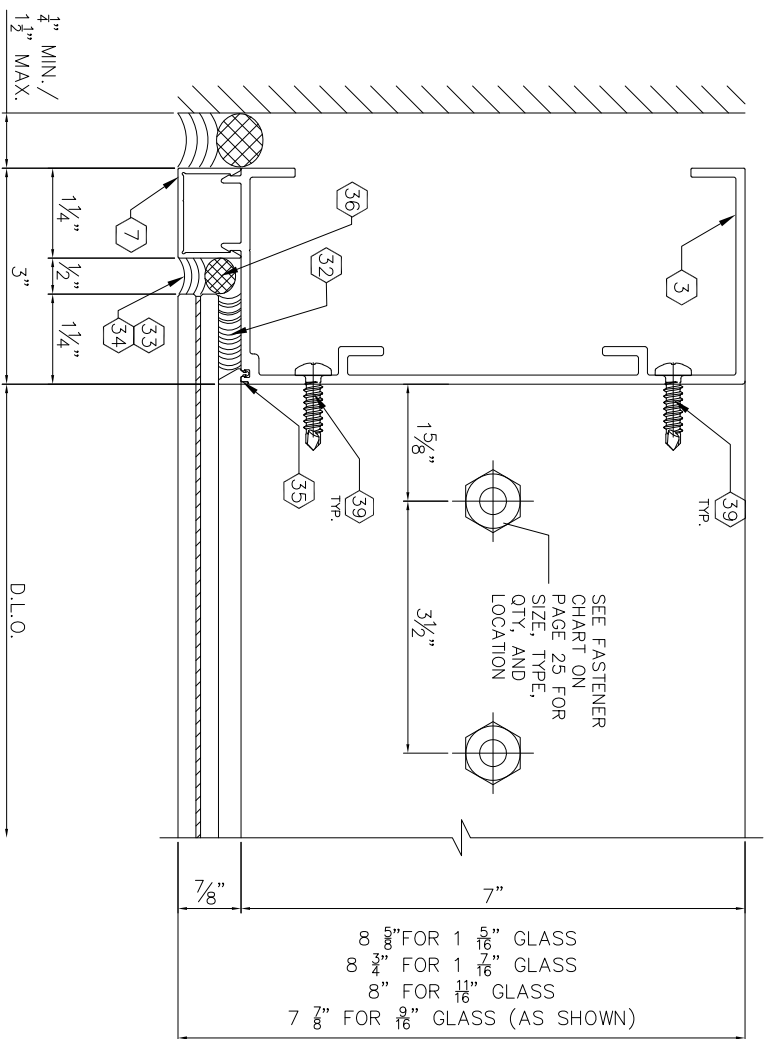
5 HEAD DETAIL @ CANTILEVER



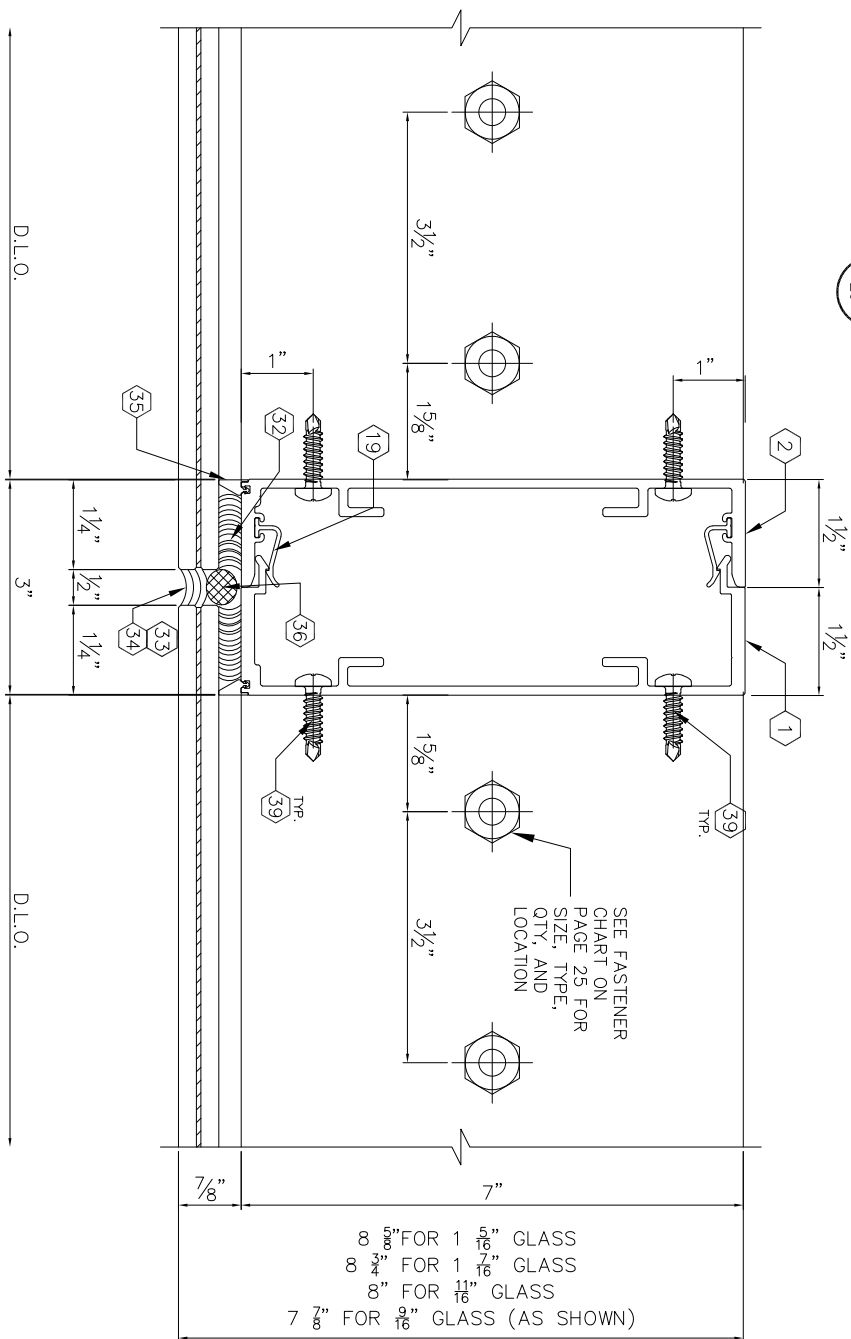
1 JAMB ANCHOR DETAIL
29



2 TYPICAL INT. VERTICAL ANCHOR DETAIL



3 JAMB ANCHOR DETAIL – DIRECT MOUNT
29



4 INT. VERTICAL DETAIL – DIRECT MOUNT
29

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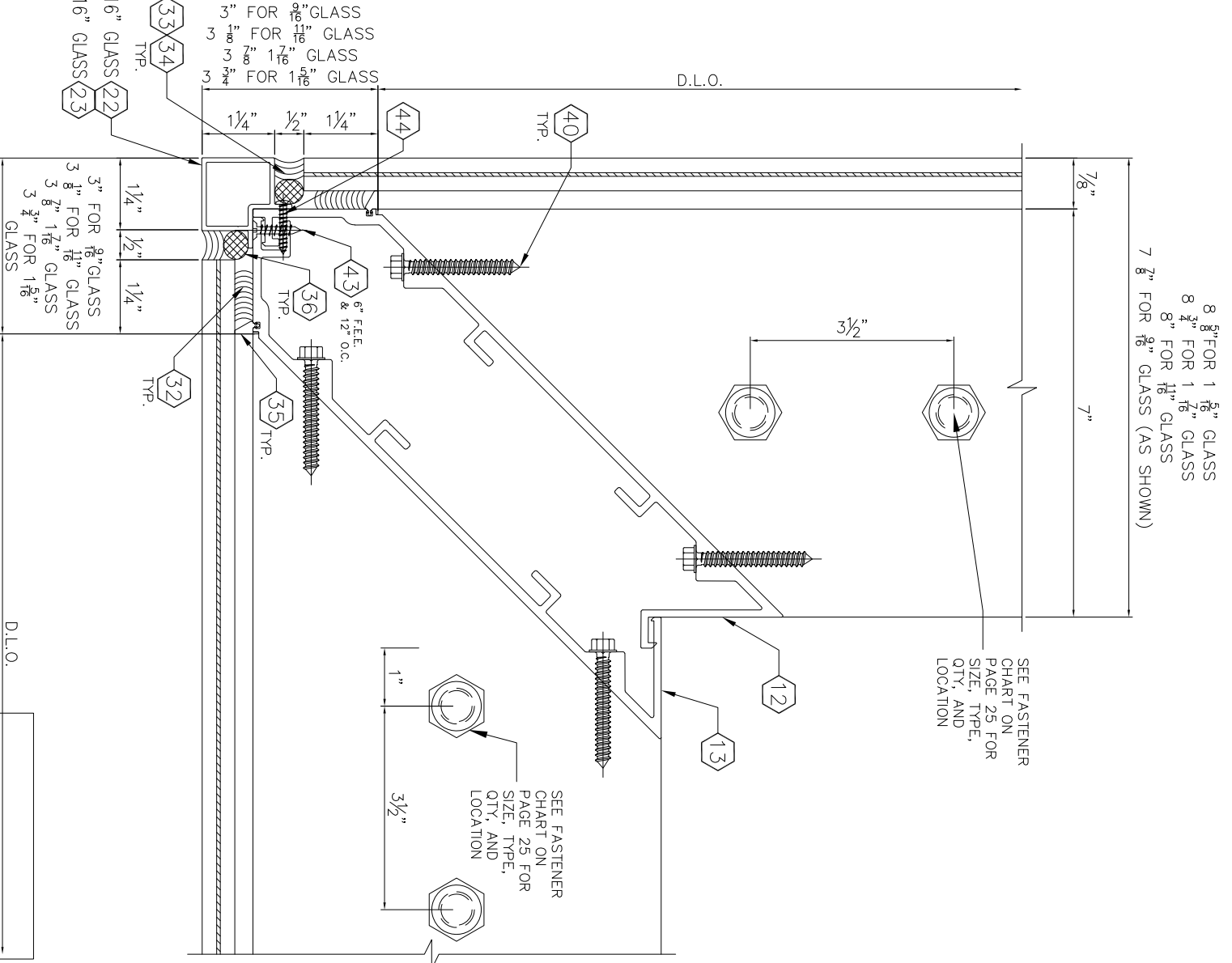
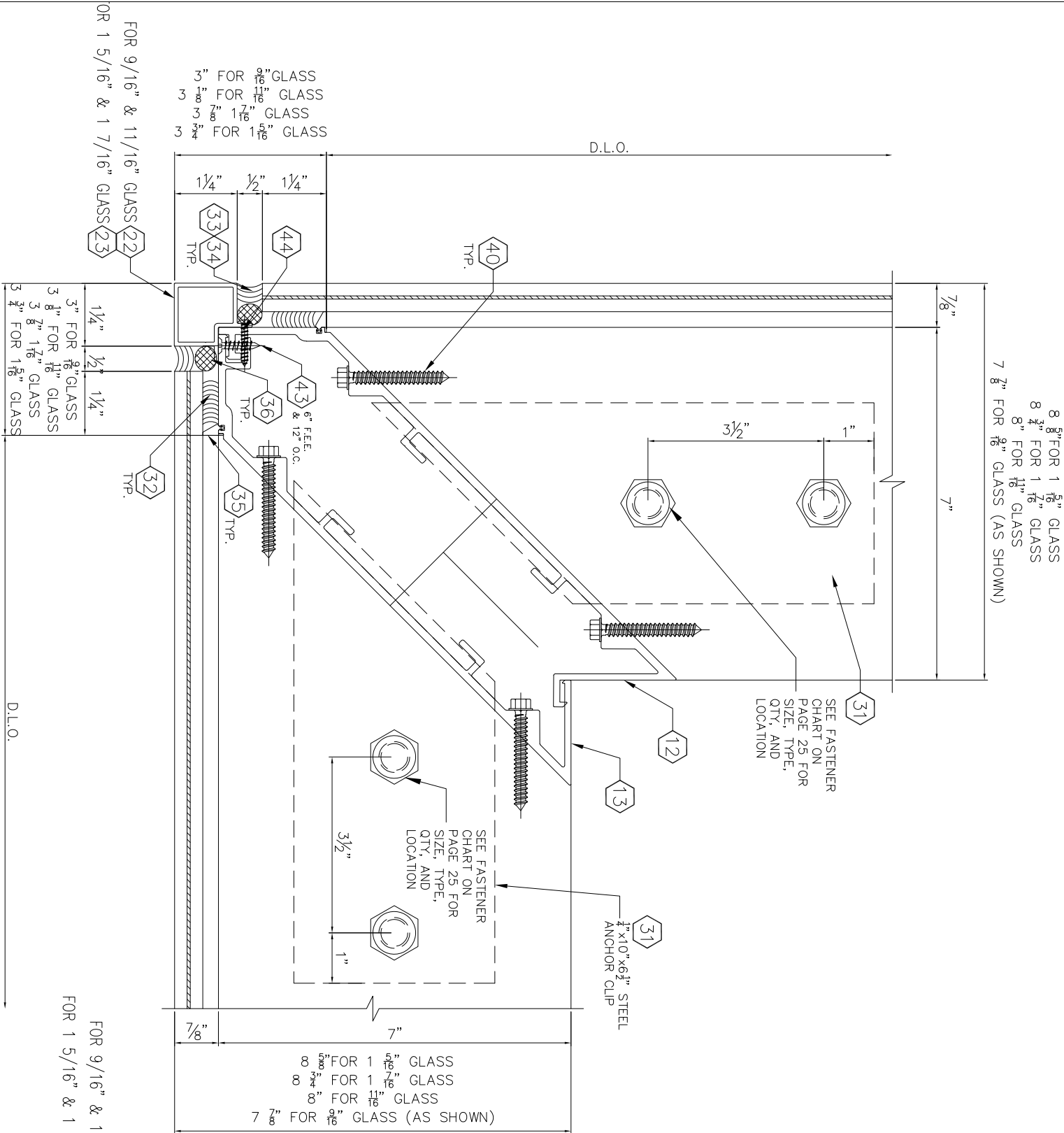
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1 90° CORNER MULLION ANCHOR DETAIL

2 90° CORNER MULLION – DIRECT MOUNT

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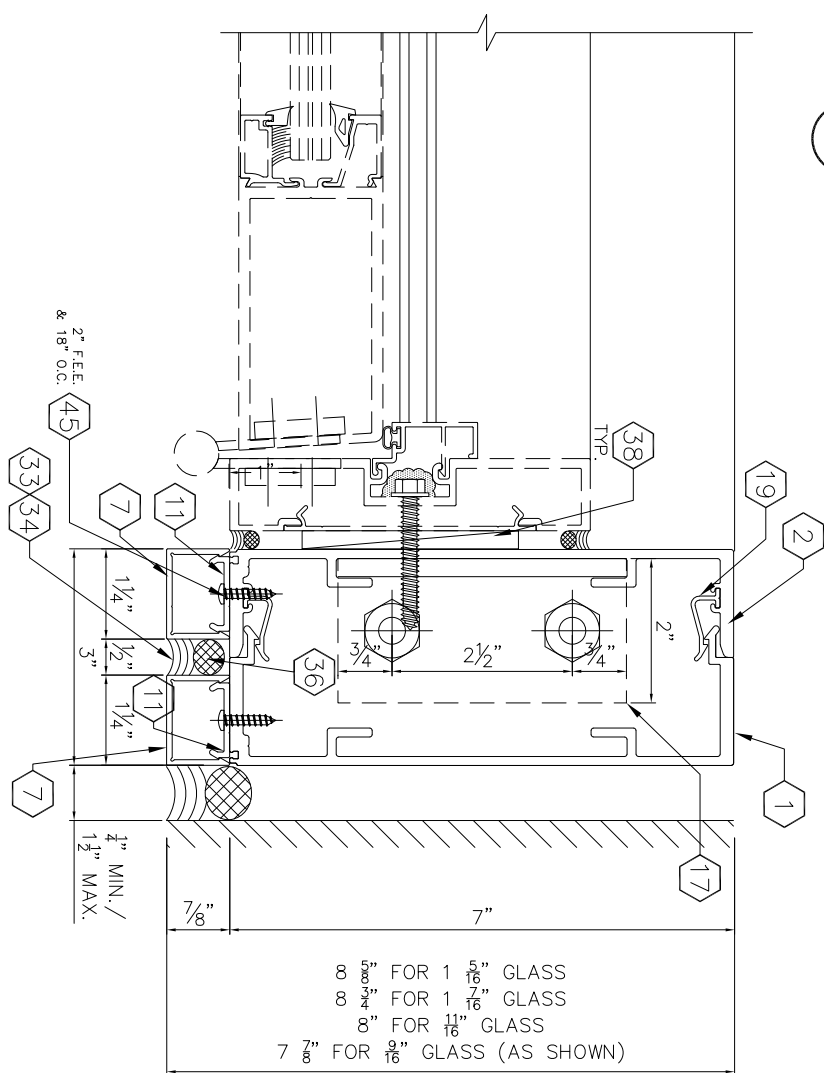
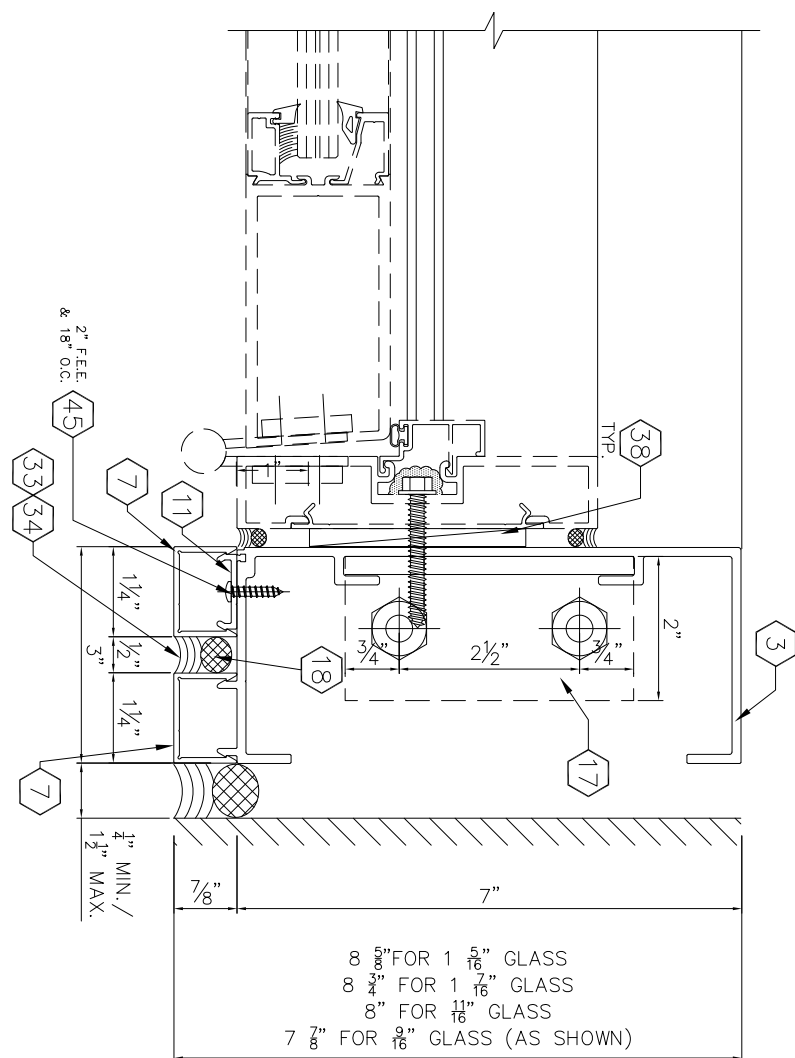
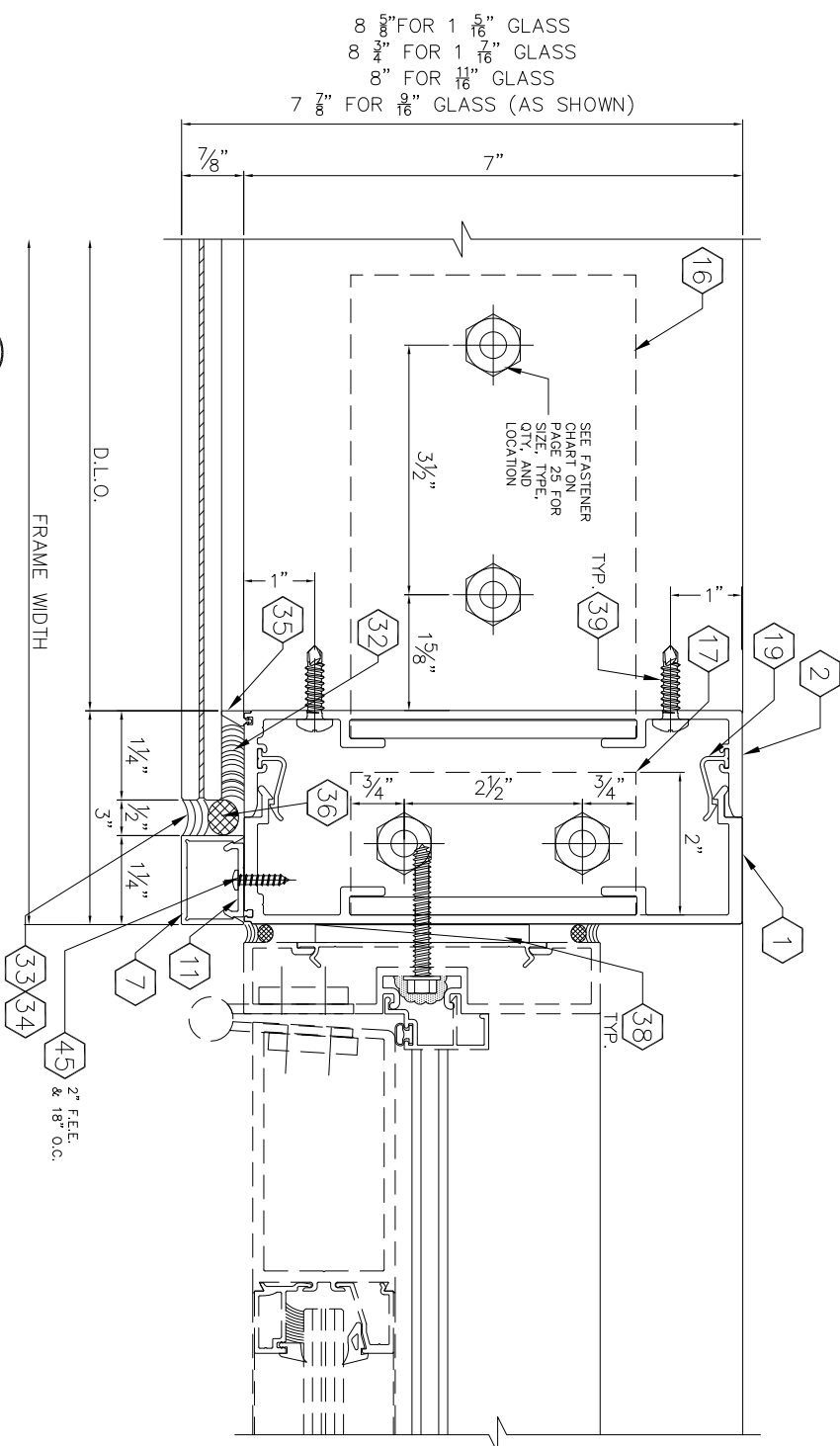
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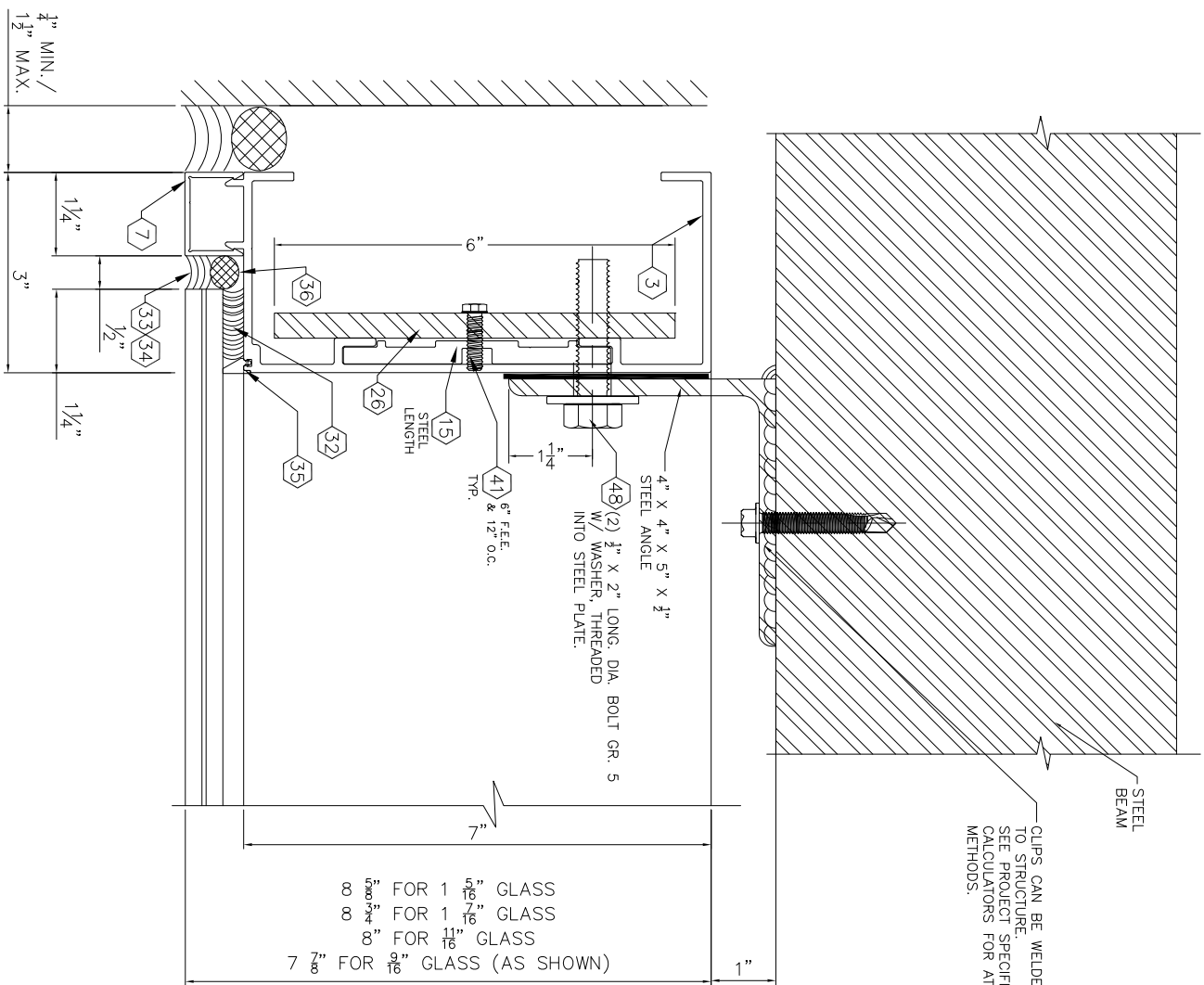
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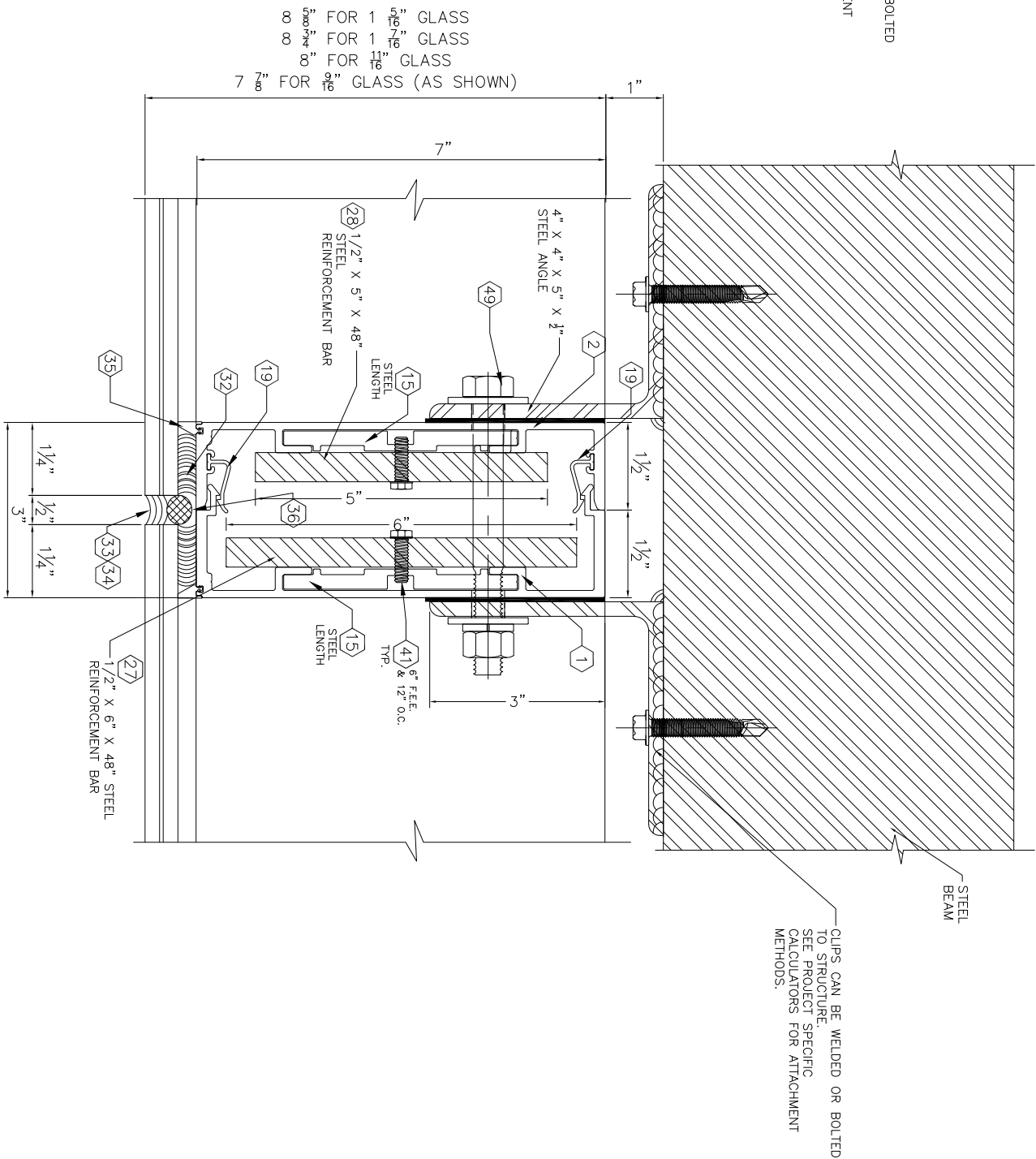
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1 MID-ANCHOR @ JAMB DETAIL



2 MID-ANCHOR @ INT. VERTICAL DETAIL

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PAGE TITLE: MID-ANCHORS
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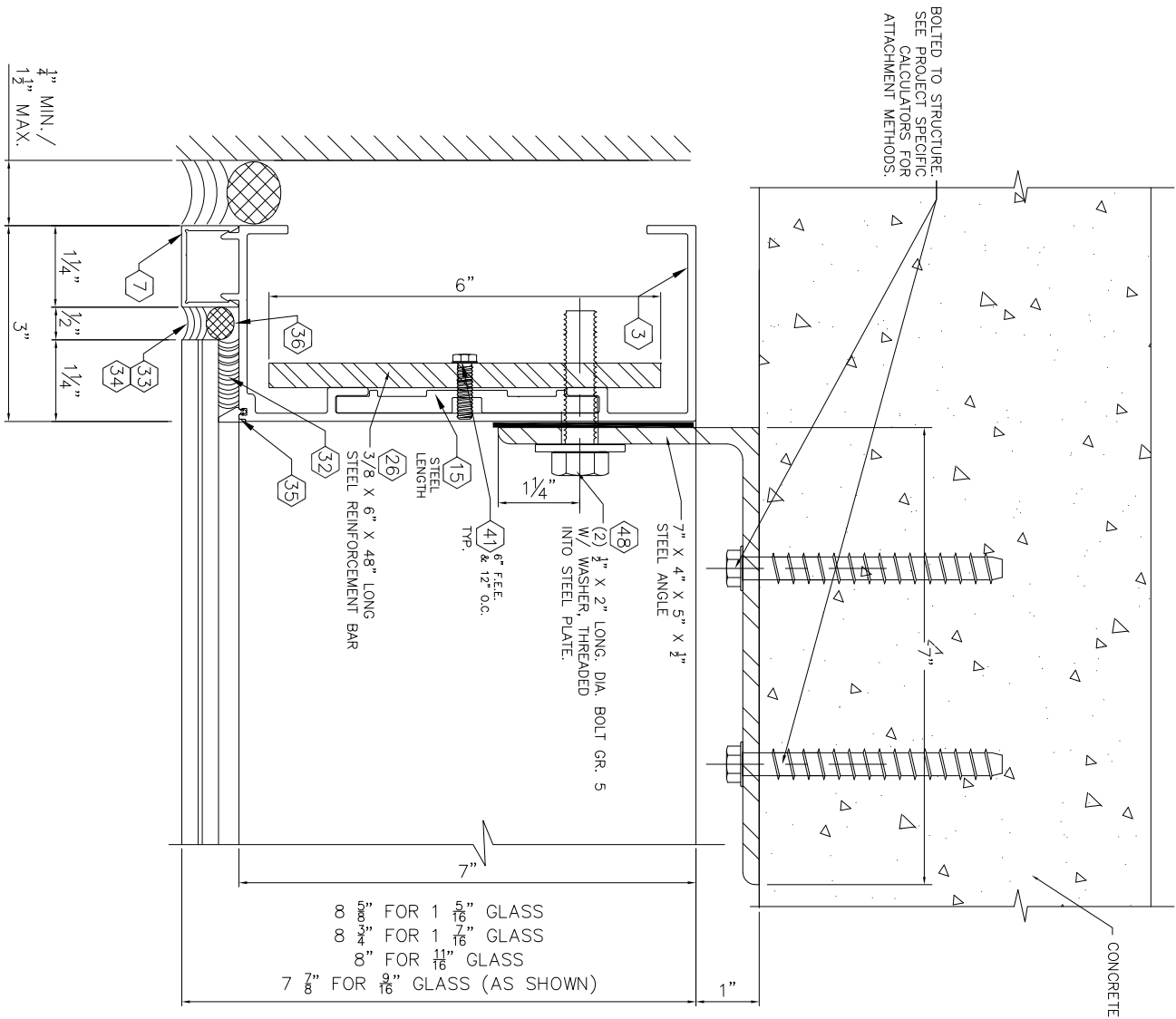
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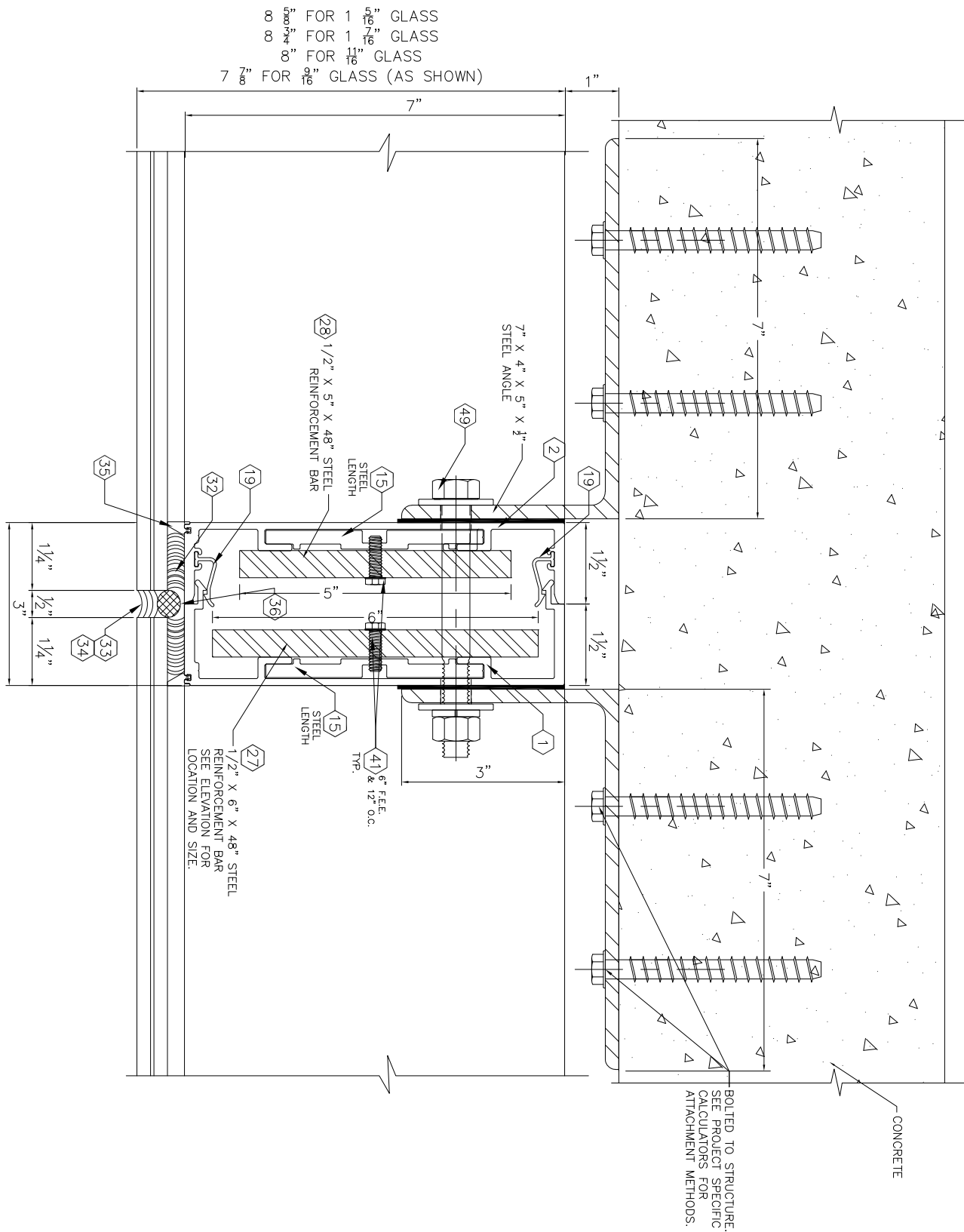
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1 MID-ANCHOR @ JAMB DETAIL
33



2 MID-ANCHOR @ INT. VERTICAL DETAIL
33

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PAGE TITLE: MID-ANCHORS
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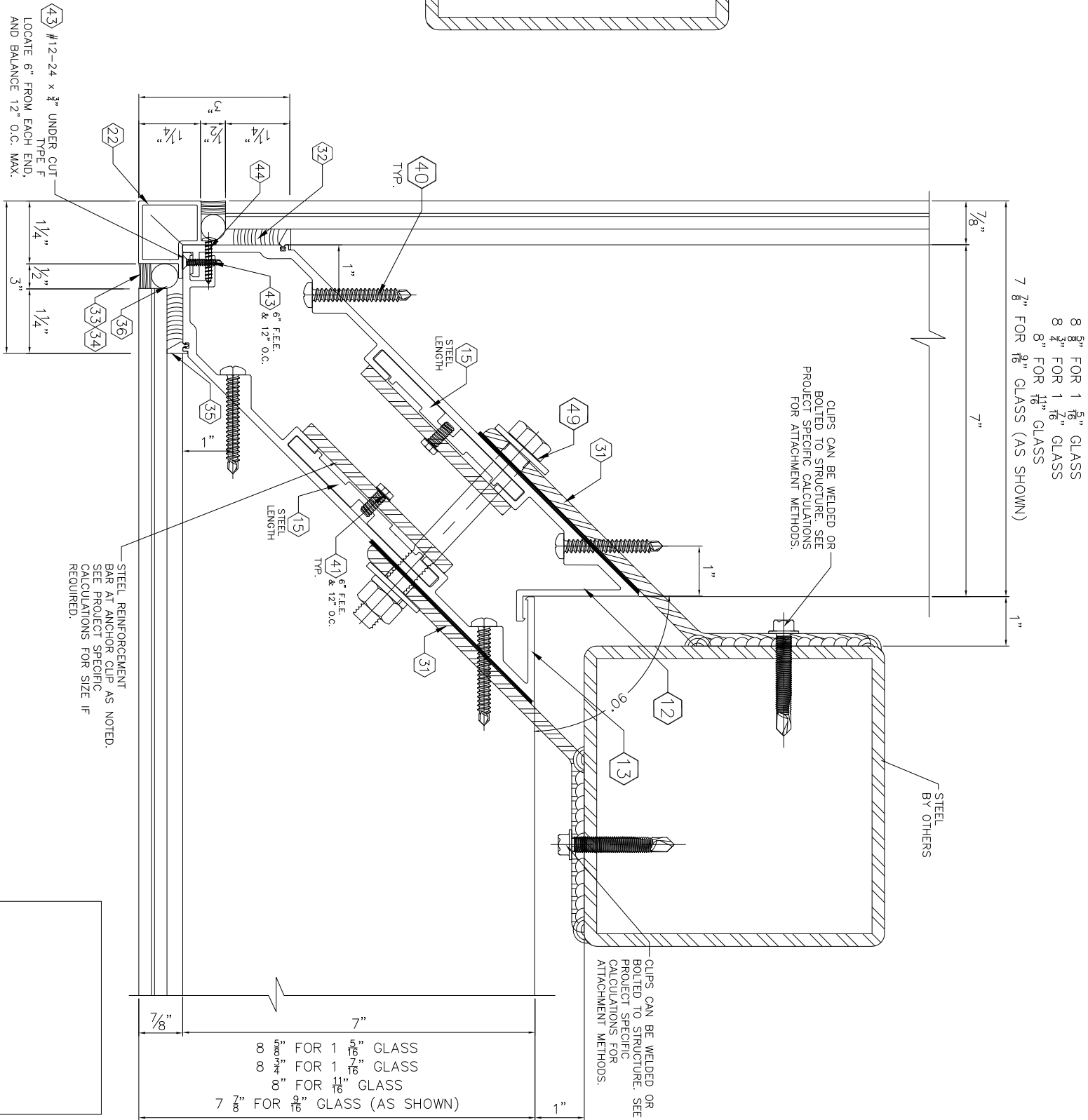
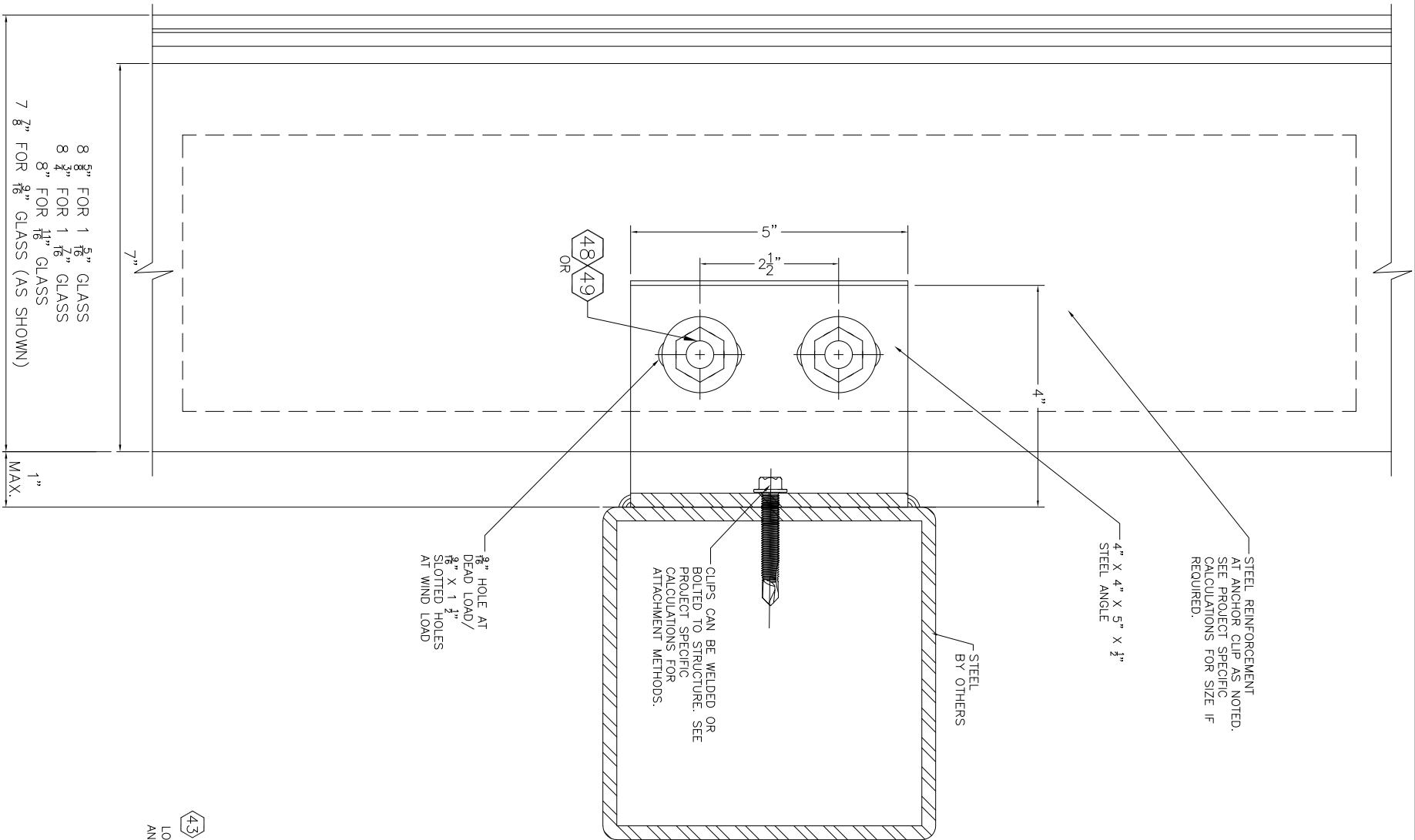
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1 MID-ANCHOR JAMB DETAIL (SIDE VIEW)
 34 ARCH. DETAIL REF.:
 ARCH. SHEET REF.:

2 STEEL REINFORCED 90 DEGREE CORNER DETAIL
 34 ARCH. DETAIL REF.:
 ARCH. SHEET REF.:

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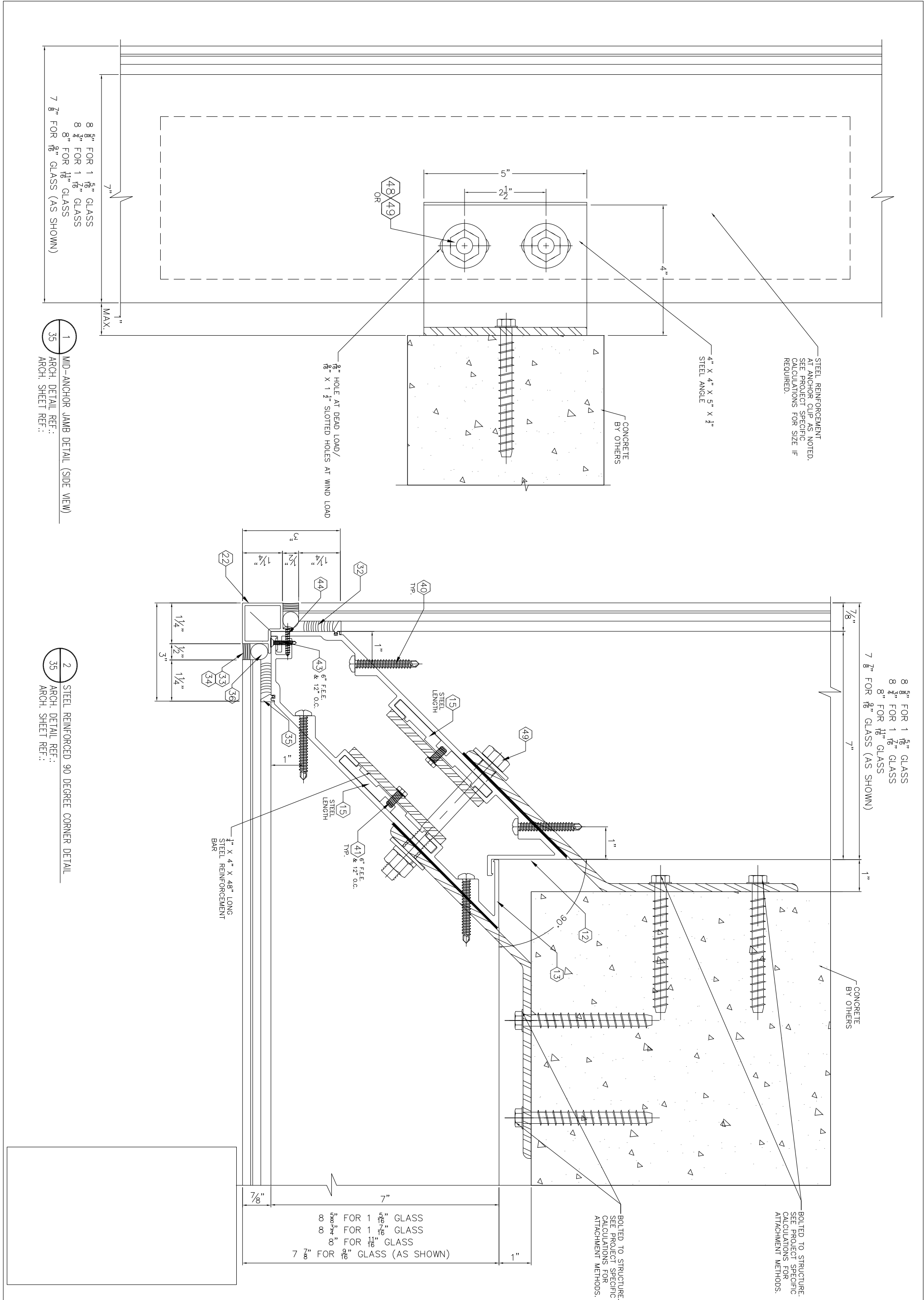
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MID-ANCHORS

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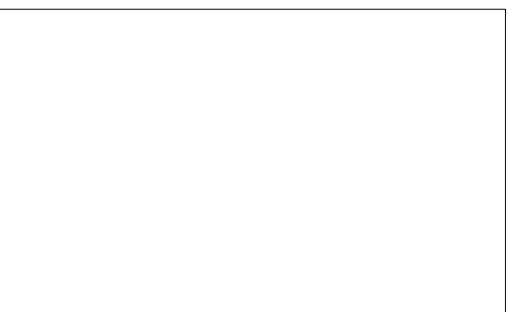
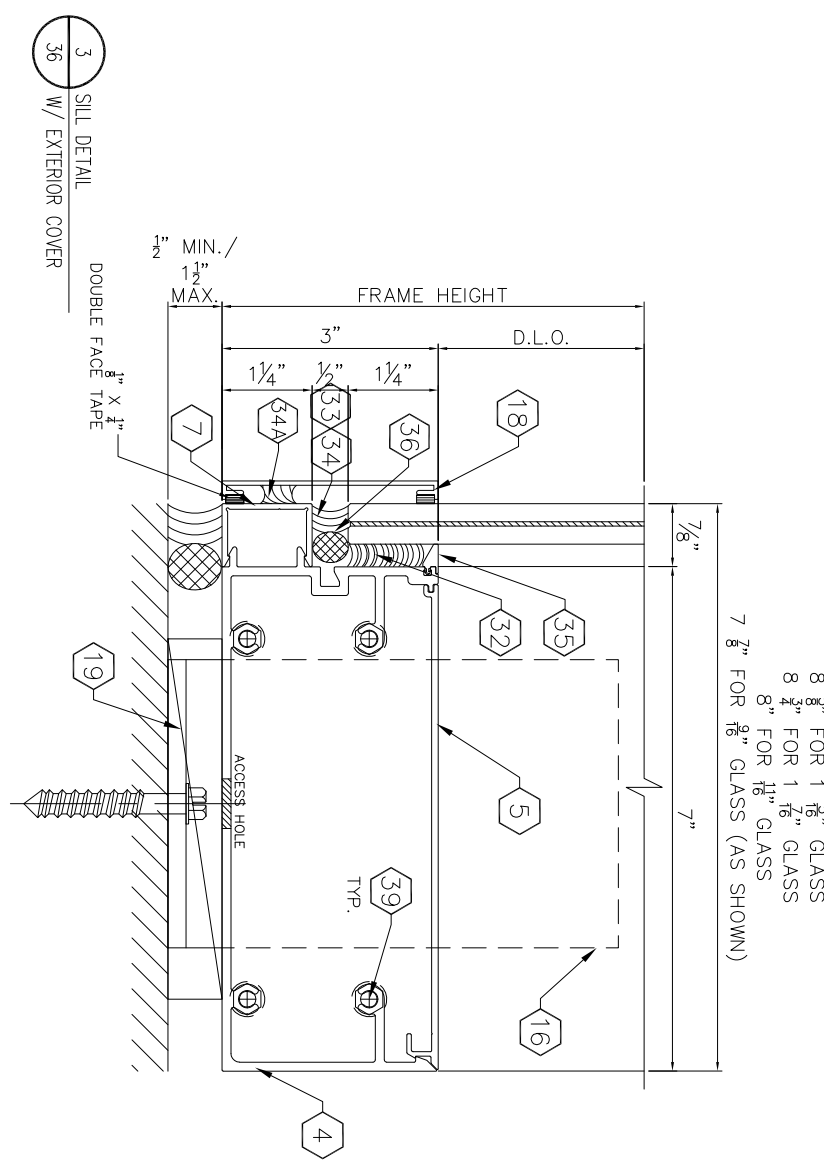
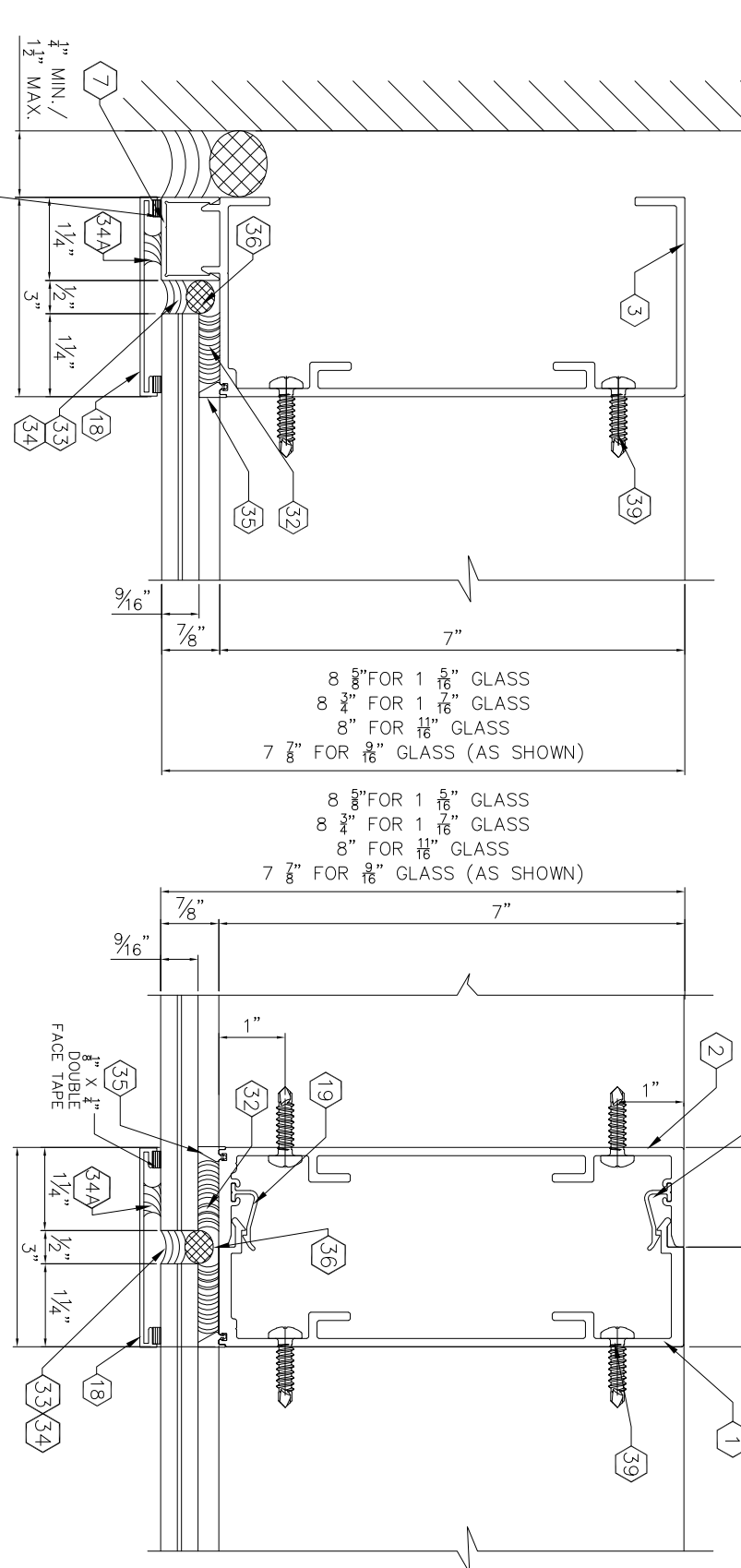
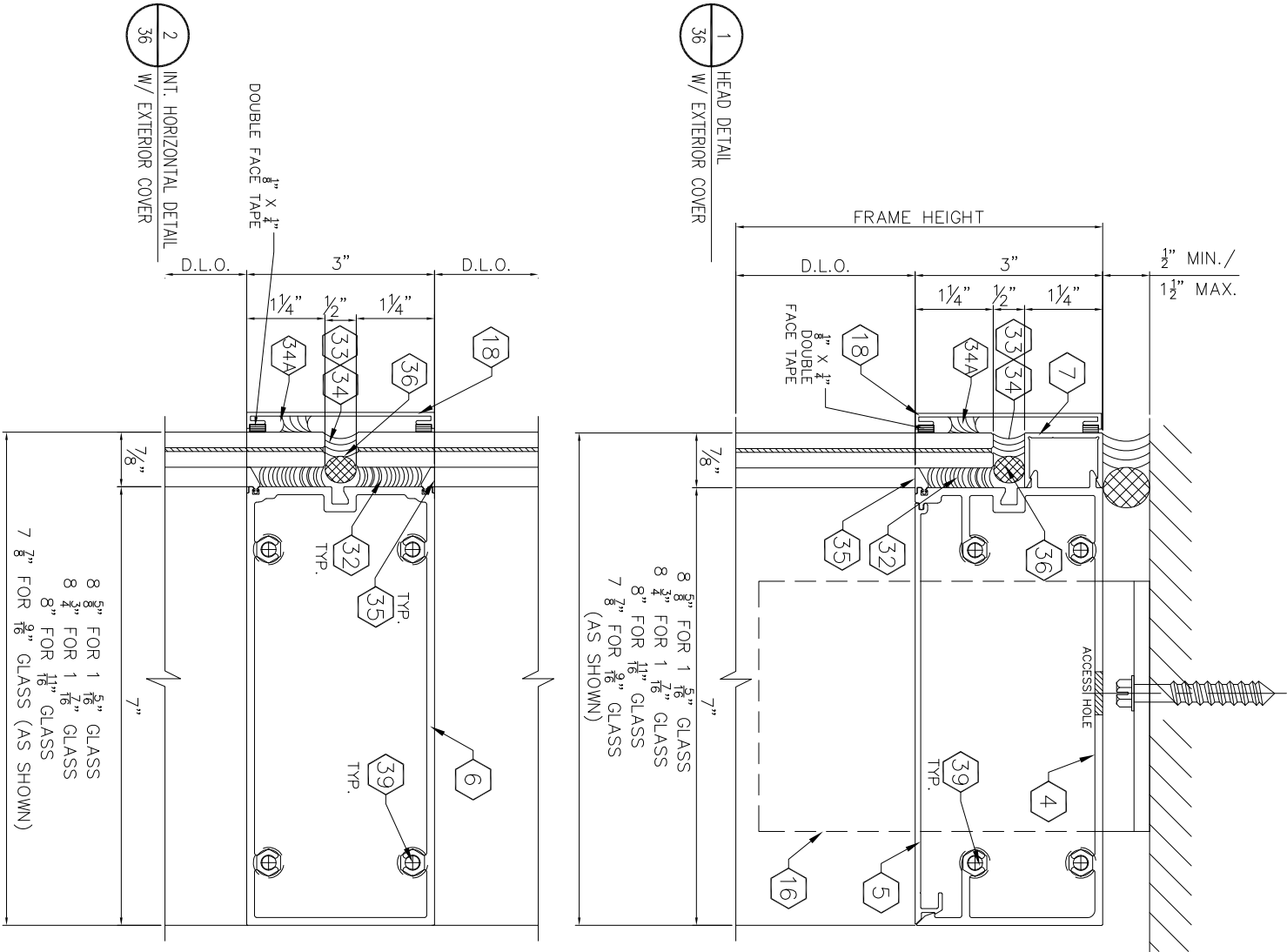
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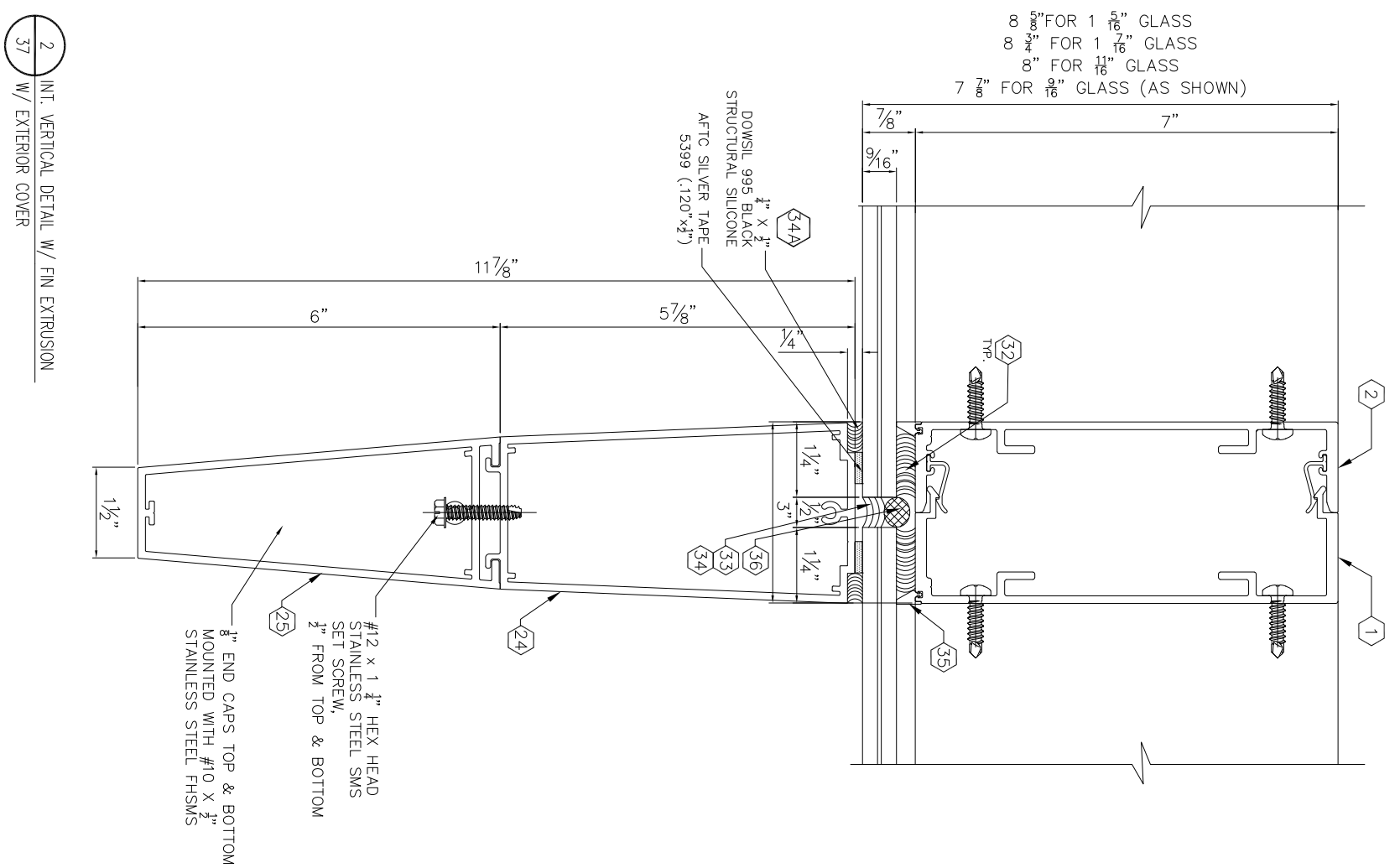
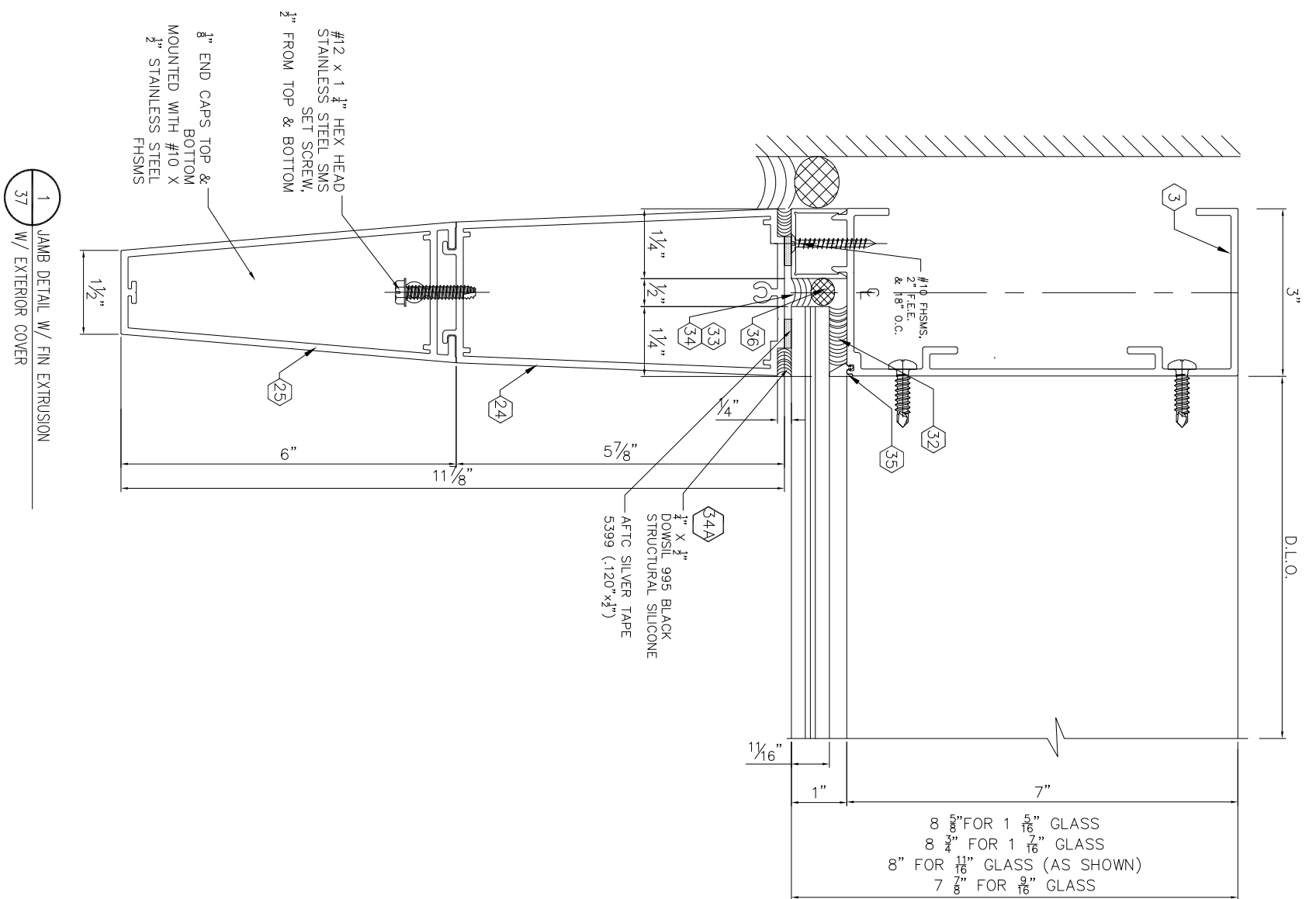
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DRAWING TITLE:
PGC-788 SINGLE SPAN, TWIN SPAN &
MULTI-SPAN CURTAIN WALL SYSTEM

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PGC 788 SS-TS-MS

PAGE TITLE:

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**PERSPECTIVE
GLASS COMPANY**

Glazing Contractors
750 SW 14TH AVENUE
POMPAÑO BEACH, FL 33069
PH. (954) 773-9714
FAX (954) 971-6614

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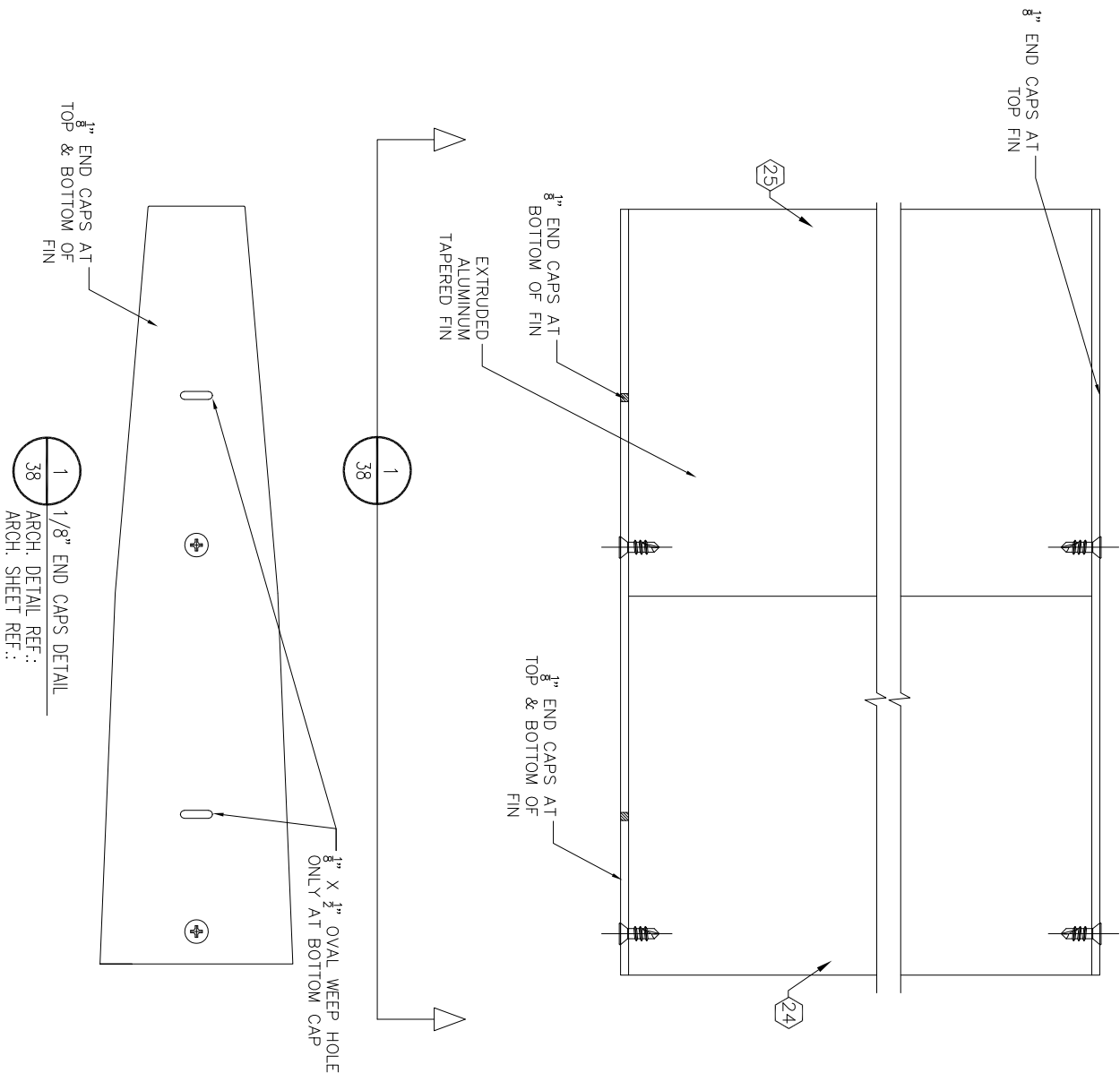
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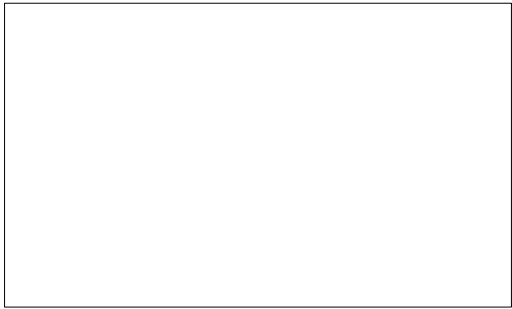
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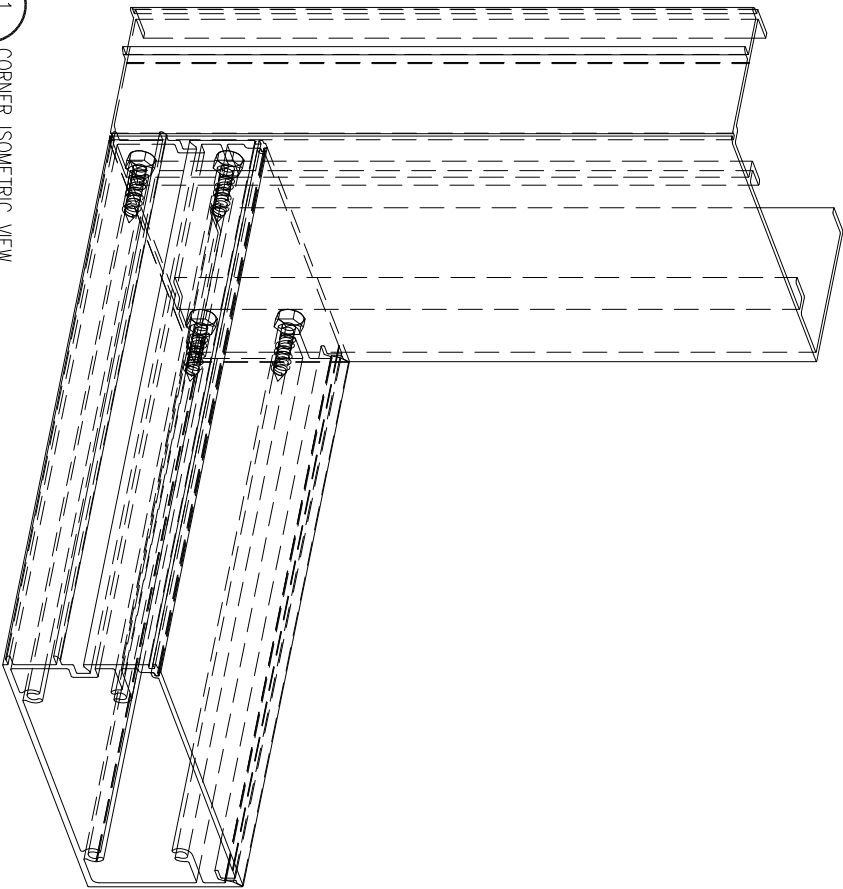
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CORNER ISOMETRIC VIEW



MATERIALS				
ITEM NO.	PART NO.	DESCRIPTION	MATERIAL	MFG./SUPPLIER/REMARKS
1	PGC-7880	MALE VERTICAL MULLION	6063-T6	PERSPECTIVE GLASS CO.
2	PGC-7881	FEMALE VERTICAL MULLION	6063-T6	PERSPECTIVE GLASS CO.
3	PGC-7882	JAMB	6063-T6	PERSPECTIVE GLASS CO.
4	PGC-7883	HEAD, SILL	6063-T6	PERSPECTIVE GLASS CO.
5	PGC-7884	HEAD, SILL POCKET FILLER	6063-T6	PERSPECTIVE GLASS CO.
6	PGC-7885	HORIZONTAL	6063-T6	PERSPECTIVE GLASS CO.
7	PGC-7886	PERIMETER TRIM COVER FOR 9/16 GLASS	6063-T6	PERSPECTIVE GLASS CO.
8	PGC-7886E	PERIMETER TRIM COVER FOR 11/16 GLASS	6063-T6	PERSPECTIVE GLASS CO.
9	PGC-7886IG	PERIMETER TRIM COVER FOR 1 5/16 GLASS	6063-T6	PERSPECTIVE GLASS CO.
10	PGC-7886IGE	PERIMETER TRIM COVER FOR 1 7/16 GLASS	6063-T6	PERSPECTIVE GLASS CO.
11	PGC-7887	PERIMETER TRIM COVER BASE	6063-T6	PERSPECTIVE GLASS CO.
12	PGC-7888	MALE CORNER MULLION	6063-T6	PERSPECTIVE GLASS CO.
13	PGC-7889	FEMALE CORNER MULLION	6063-T6	PERSPECTIVE GLASS CO.
14	PGC-788-10IG	SETTING BLOCK CHAIR	6063-T6	PERSPECTIVE GLASS CO.
15	PGC-788-11	REINFORCEMENT BAR	6063-T6	PERSPECTIVE GLASS CO.
16	PGC-788-12	ANCHOR CLIP 1/4" X 6 1/2" X 6 1/2"	6063-T6	PERSPECTIVE GLASS CO.
17	PGC-788-12IM	ANCHOR CLIP 1/4" X 2" X 6 1/2"	6063-T6	PERSPECTIVE GLASS CO.
18	PGC-788-13	OUTSIDE COVER	6063-T6	PERSPECTIVE GLASS CO.
19	PGC-788-14	ANTI-BUCKLING CLIP	6063-T6	PERSPECTIVE GLASS CO.
20	PGC-788-15	HORIZONTAL EXPANSION TOP SIDE	6063-T6	PERSPECTIVE GLASS CO.
21	PGC-788-16	HORIZONTAL EXPANSION BOTTOM SIDE	6063-T6	PERSPECTIVE GLASS CO.
22	PGC-788-19	OUTSIDE CORNER TRIM FOR 9/16, 11/16 GLASS	6063-T6	PERSPECTIVE GLASS CO.
23	PGC-788-19IG	OUTSIDE CORNER TRIM FOR 1 5/16, 1 7/16 GLASS	6063-T6	PERSPECTIVE GLASS CO.
24	PGC-C788A	FIN BASE	6063-T6	PERSPECTIVE GLASS CO.
25	PGC-C788B	FIN FACE	6063-T6	PERSPECTIVE GLASS CO.
26	TYPE 1	3/8" X 6" STEEL FLAT BAR	W/ SHOP PRIMER	
27	TYPE 2	1/2" X 6" STEEL FLAT BAR	W/ SHOP PRIMER	
28	TYPE 3	1/2" X 5" STEEL FLAT BAR	W/ SHOP PRIMER	
29	TYPE 4	3/4" X 5" STEEL FLAT BAR	W/ SHOP PRIMER	
30	TYPE 5	3/4" X 6" STEEL FLAT BAR	W/ SHOP PRIMER	
31	CORNER MULL ANCHOR CLIP	1/4" X 10" X 6 1/2" X 4" LONG STEEL ANGLE	A529 OR A572 GRADE 55	W/ SHOP PRIMER
32	983	STRUCTURAL SILICONE	SILICONE	DOWSIL
33	SPECTRUM II	WEATHER SEAL	SILICONE	TREMCO
34	790	WEATHER SEAL	SILICONE	DOWSIL
34A	995	STRUCTURAL SILICONE	SILICONE 80 DURE	
35	TR-22735	GASKET	SILICONE	TREMCO
36		OPEN CELL BACKER ROD	POLYETHYLENE	TUNDRA
37	SETTING BLOCK	SETTING BLOCK 3/16" X 4"	800 HARD RUBBER OR SILICONE	
38	SHIM	SHIM	PLASTIC	
39	FASTENER	#14 X 1 1/4" HWH SMS (1" IN SPLINE)		
40	FASTENER	#14 X 2" HWH SMS (1" IN SPLINE)		
41	FASTENER	1/4-20 X 3/4" HWH MS		6" F.E.E. & 12" O.C.
42	FASTENER	1/4-20 X 1 1/4" HWH MS		6" F.E.E. & 12" O.C.
43	FASTENER	#12-24 X 3/4" UNDER CUT TYPE F		6" F.E.E. & 72" O.C.
44	FASTENER	#6 X 1" PH SMS		2" F.E.E. & 18" O.C.
45	FASTENER	#8 X 3/4" PH SMS		1" F.E.E. & 12" O.C.
46	FASTENER	#10 X 1/2" FH SMS		
47	FASTENER	#10 X 3/8" PH SMS		
48	FASTENER	1/2" X 2" BOLT GRADE 5		
49	FASTENER	1/2" THRU BOLT GRADE 5 ANCHOR AT CLIPS		
50	ANCHOR	5/16 DEWALT ULTRACON		
51	ANCHOR	1/4-20 SMS		
52	ANCHOR	3/8-16 DEWALT TAP-FLEX		
53	ANCHOR	3/8 DEWALT SCREW BOLT		

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