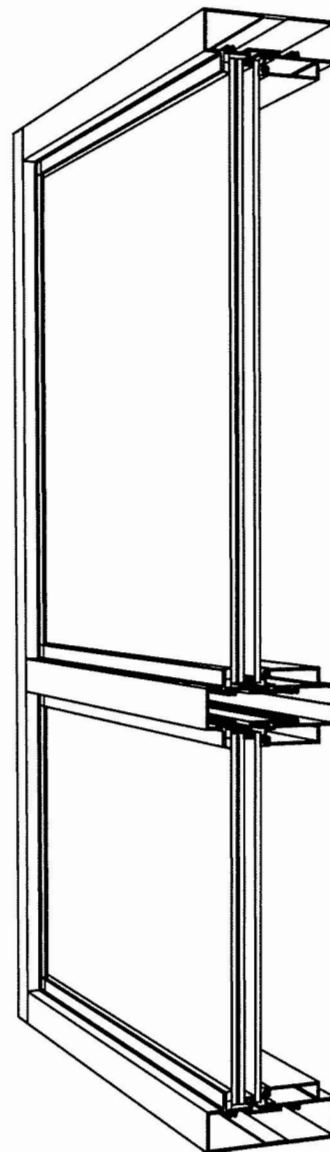




PERSPECTIVE GLASS COMPANY

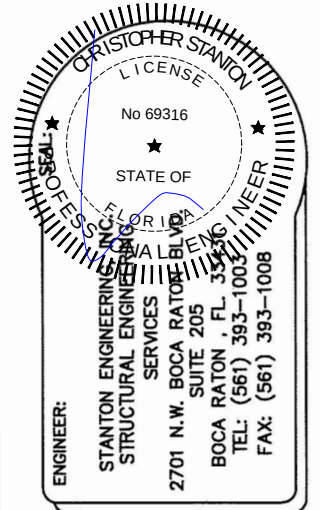
Glazing Contractors
750 SW 14TH AVENUE • POMPANO BEACH, FL 33069
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FLORIDA PRODUCT APPROVAL FOR
PGC-6000 ALUMINUM STOREFRONT SYSTEM



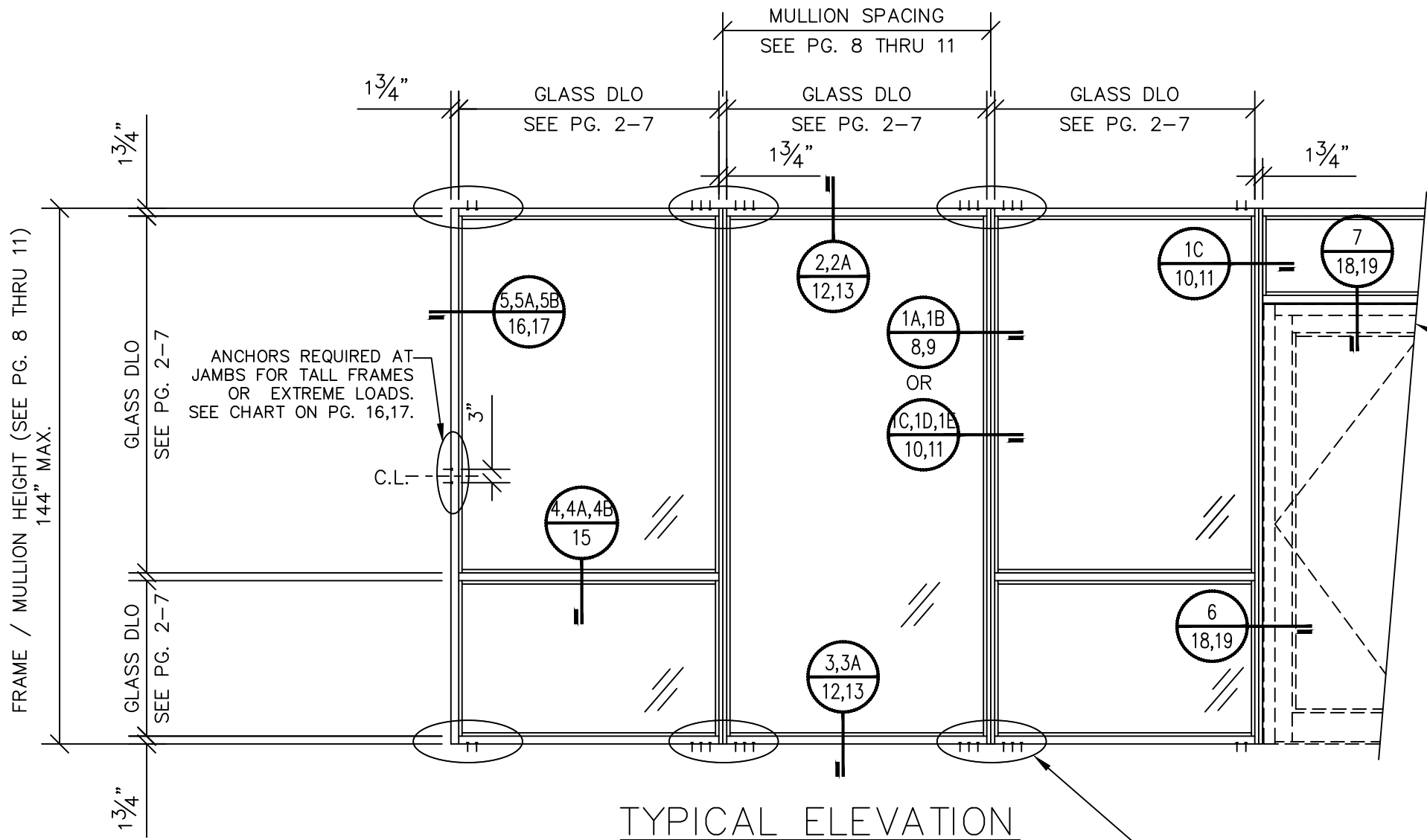
Digitally signed by
Christopher Stanton
Date: 2024.02.27
14:54:20 -05'00'



SCALE:	N.T.S.	REVISIONS:	12/01/23 02/23/24
DRAWN BY:	FLG	DATE:	10/30/2018

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DRAWING TITLE: PGC-6000 LARGE & SMALL MISSILE IMPACT RESISTANT SYSTEM	DWG. # 6000 - LMI & SMI	PAGE NO. COVER
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TYPICAL ELEVATION

PGC-6000

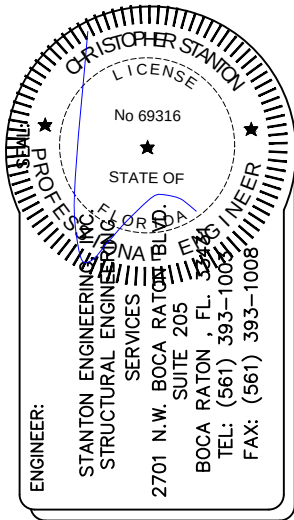
1 3/4 " x 6" STOREFRONT SYSTEM GLAZED FOR LARGE & SMALL MISSILE IMPACT. (SHUTTERS NOT REQUIRED)

- GLASS - SEE CHARTS ON PAGES 2 THRU 7 FOR ALLOWABLE GLASS TYPES, SIZES, AND DESIGN PRESSURES.
- MULLIONS - SEE CHART ON PAGES 8 THRU 11 FOR ALLOWABLE DESIGN PRESSURES FOR VARIOUS MULLION AND REINFORCEMENT CONFIGURATIONS.
- ANCHORS - SEE CHARTS ON PAGES 14 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 6000 IS DESIGNED TO ACCEPT FLORIDA PRODUCT APPROVED & MIAMI-DADE COUNTY APPROVED DOORS FROM OTHER MANUFACTURERS. PLEASE SEE DOOR APPROVAL FOR FASTENER REQUIREMENTS.

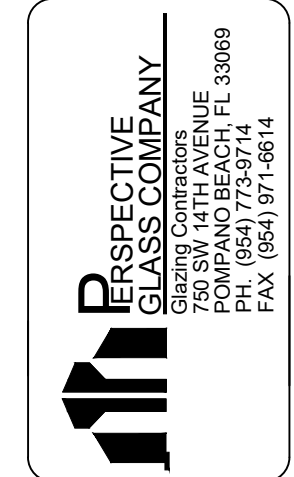
MATERIAL LEGEND - SEE PAGE 18 & 19.

NOTES:

- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH ALL THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE, INCLUDING THE HVHZ PROVISIONS.
- THIS SYSTEM HAS BEEN TESTED PER TAS 201, 202, & 203 FOR LARGE AND SMALL IMPACT RESISTANCE. SHUTTERS ARE NOT REQUIRED.
- DESIGN LOADS MUST BE CALCULATED BY A PROFESSIONAL ENGINEER OR ARCHITECT FOR EACH PROJECT. THE DESIGN PRESSURE CANNOT EXCEED THE TESTED PRESSURE, LISTED ON SHEETS 2-11, FOR EACH COMPONENT OF THIS SYSTEM.
- WOOD BUCKS BY OTHERS MUST BE ANCHORED PROPERLY TO TRANSFER IMPOSED LOADS TO THE STRUCTURE.
- ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT IN BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
- CODE REQUIREMENTS FOR SAFE GUARDS MUST BE OBSERVED.
- GLASS CHARTS ON PAGES 2-7 ARE BASED ON TEST PRESSURES AND ASTM E 1300-16.
- 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.



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DATE:		10/30/2018

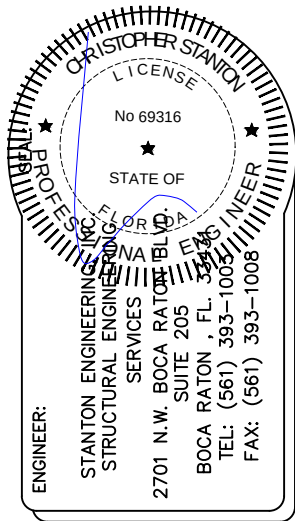
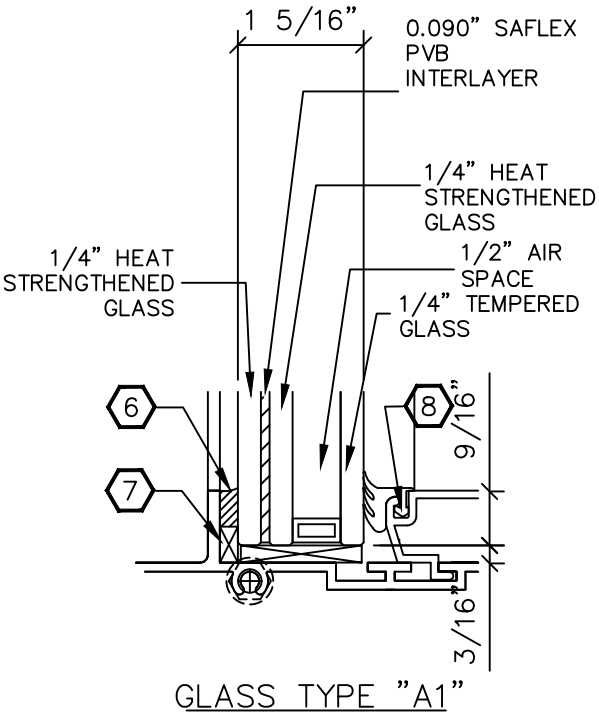
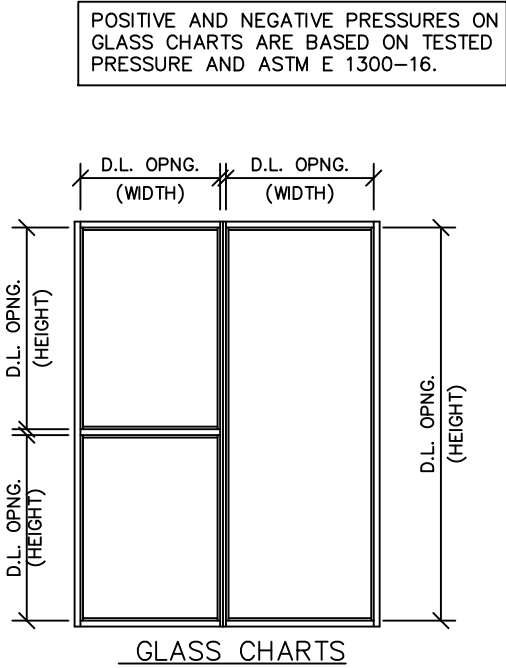
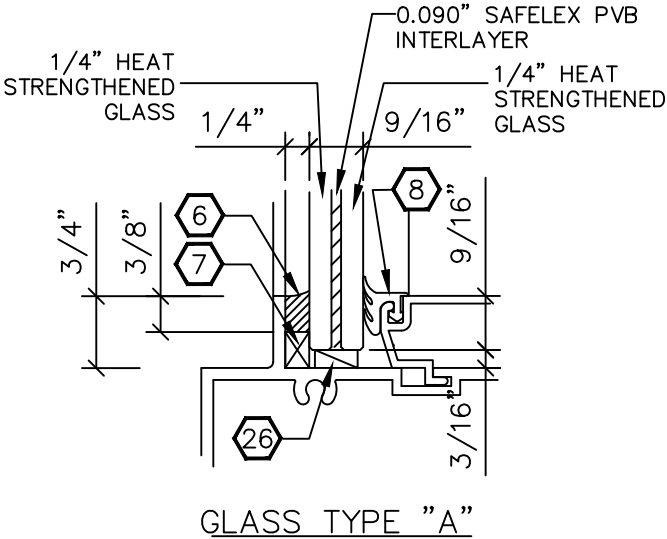


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PGC-6000 LARGE & SMALL MISSILE IMPACT RESISTANT SYSTEM		
DWG. #	6000 - LMI & SMI	1/21
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LARGE MISSILE LEVEL D

Glass Types A (1/4" Heat Strengthened - .090 Saflex IIIG PVB - 1/4" Heat Strengthened)																
D.L. OPNG (HEIGHT)	D.L. OPENING (WIDTH)															
	36"	42"	48"	54"	58 1/4"	60"	66"	72"	78"	84"	90"	96"	102"	108"	114"	120"
30"	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70
36"	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70
42"	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	---	---
48"	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	---	---	---	---
54"	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	---	---	---	---	---	---
58 1/4"	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	---	---	---	---	---	---
60"	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	---	---	---	---	---	---
63"	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	---	---	---	---	---	---	---	---
66"	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	---	---	---	---	---	---	---	---	---
69"	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	---	---	---	---	---	---	---	---	---
72"	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	---	---	---	---	---	---	---	---	---	---
75"	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	---	---	---	---	---	---	---	---	---	---
78"	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	---	---	---	---	---	---	---	---	---	---	---
81"	+65,-70	+65,-70	+65,-70	+65,-70	---	---	---	---	---	---	---	---	---	---	---	---
84"	+65,-70	+65,-70	+65,-70	+65,-70	---	---	---	---	---	---	---	---	---	---	---	---
90"	+65,-70	+65,-70	---	---	---	---	---	---	---	---	---	---	---	---	---	---
96"	+65,-70	+65,-70	---	---	---	---	---	---	---	---	---	---	---	---	---	---
102"	+65,-70	+65,-70	---	---	---	---	---	---	---	---	---	---	---	---	---	---
108"	+65,-70	+65,-70	---	---	---	---	---	---	---	---	---	---	---	---	---	---
114"	+65,-70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
120"	+65,-70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
126"	+65,-70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Glass Types A1 (1/4" Heat Strengthened - .090 Saflex IIIG PVB - 1/4" Heat Strengthened - 1/2 AIR SPACE - 1/4" TEMPERED)																
D.L. OPNG (HEIGHT)	D.L. OPENING (WIDTH)															
	36"	42"	48"	54"	58 1/4"	60"	66"	72"	78"	84"	90"	96"	102"	108"	114"	120"
30"	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70
36"	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70
42"	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	---	---
48"	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	---	---	---	---	---
54"	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	---	---	---	---	---	---
58 1/4"	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	---	---	---	---	---	---
60"	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	---	---	---	---	---	---	---
63"	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	---	---	---	---	---	---	---	---
66"	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	---	---	---	---	---	---	---	---	---	---
69"	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	---	---	---	---	---	---	---	---	---	---
72"	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	---	---	---	---	---	---	---	---	---	---	---
75"	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	---	---	---	---	---	---	---	---	---	---	---
78"	+65,-70	+65,-70	+65,-70	+65,-70	+65,-70	---	---	---	---	---	---	---	---	---	---	---
81"	+65,-70	+65,-70	+65,-70	+65,-70	---	---	---	---	---	---	---	---	---	---	---	---
84"	+65,-70	+65,-70	+65,-70	+65,-70	---	---	---	---	---	---	---	---	---	---	---	---
90"	+65,-70	+65,-70	---	---	---	---	---	---	---	---	---	---	---	---	---	---
96"	+65,-70	+65,-70	+65,-70	---	---	---	---	---	---	---	---	---	---	---	---	---
102"	+65,-70	+65,-70	---	---	---	---	---	---	---	---	---	---	---	---	---	---
108"	+65,-70	+65,-70	---	---	---	---	---	---	---	---	---	---	---	---	---	---
114"	+65,-70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
120"	+65,-70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
126"	+65,-70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---



SCALE: N.T.S.	REVISIONS: 12/01/23 02/23/24	
	DRAWN BY: FLG	DATE: 10/30/2018

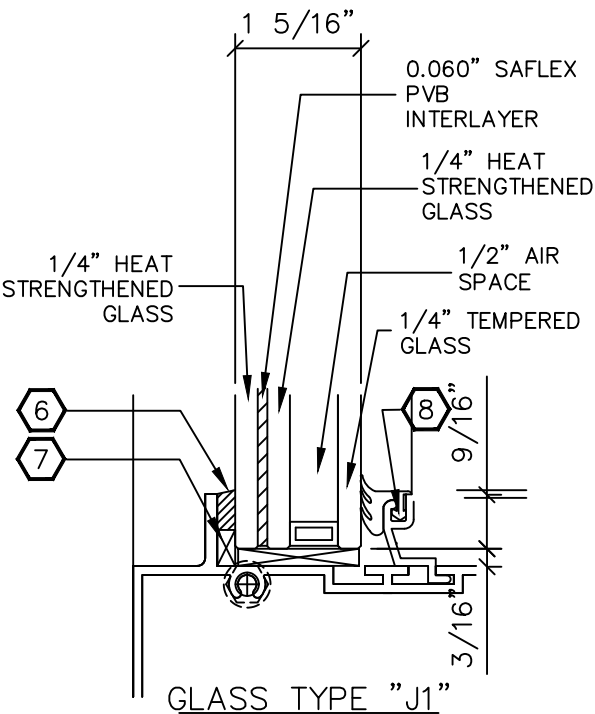
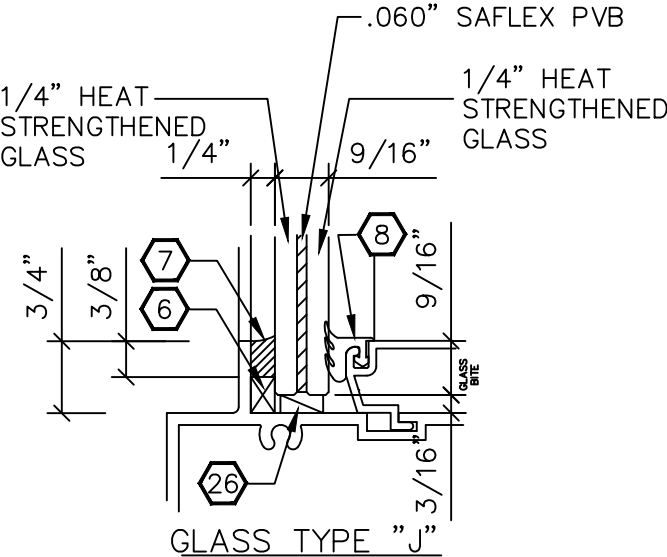
**PERSPECTIVE
GLASS COMPANY**
Glazing Contractors
750 SW 14TH AVENUE
POMPANO BEACH, FL 33069
PH. (954) 773-9714
FAX (954) 971-6614

DRAWING TITLE: PGC-6000 LARGE & SMALL MISSLE IMPACT RESISTANT SYSTEM	DWG. # 6000 - LMI & SMI	PAGE NO. 2/21
		PAGE TITLE:

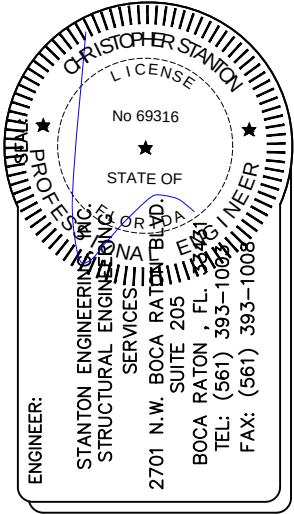
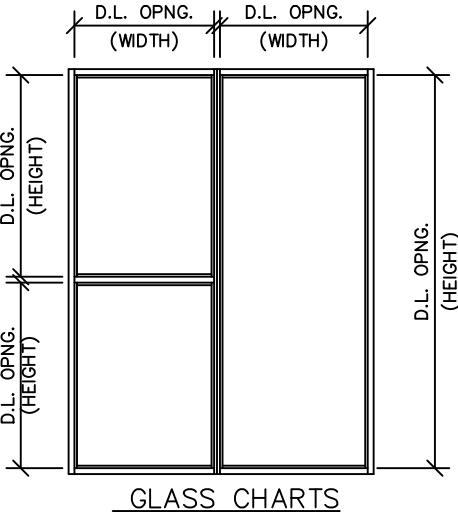
SMALL MISSILE GLASS TYPES

Glass Type J (1/4" Heat Strengthened - .060" Saflex PVB - 1/4" Heat Strengthened) Small Missile Only																
D.L. OPNG (HEIGHT)	D.L. OPENING (WIDTH)															
	36"	42"	48"	54"	58 1/4"	60"	66"	72"	78"	84"	90"	96"	102"	108"	114"	120"
30"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
36"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
42"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
48"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
54"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
58 1/4"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
60"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
63"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
66"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
69"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
72"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
75"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
78"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
81"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
84"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
90"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
96"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
102"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
108"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
114"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
120"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
126"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130

Glass Types J1 (1/4" Heat Strengthened - .060 SAFLEX PVG - 1/4" Heat Strengthened - 1/2 AIR SPACE - 1/4" TEMPERED) SMALL MISSILE ONLY																
D.L. OPNG (HEIGHT)	D.L. OPENING (WIDTH)															
	36"	42"	48"	54"	58 1/4"	60"	66"	72"	78"	84"	90"	96"	102"	108"	114"	120"
30"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
36"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
42"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
48"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
54"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
58 1/4"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
60"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
63"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
66"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
69"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
72"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
75"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
78"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
81"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
84"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
90"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
96"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
102"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
108"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
114"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
120"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
126"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130



POSITIVE AND NEGATIVE PRESSURES ON GLASS CHARTS ARE BASED ON TESTED PRESSURE AND ASTM E 1300-16.



REVISIONS:	
12/01/23	02/23/24
SCALE: N.T.S.	DRAWN BY: FLG
DATE: 10/30/2018	

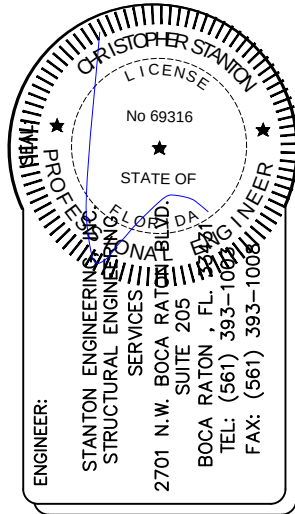
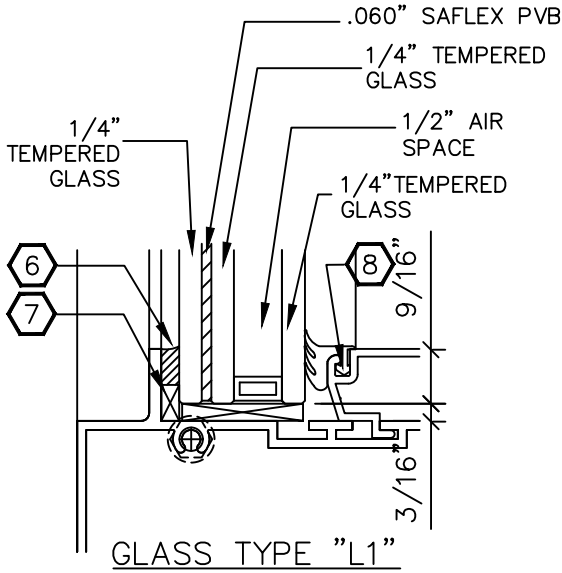
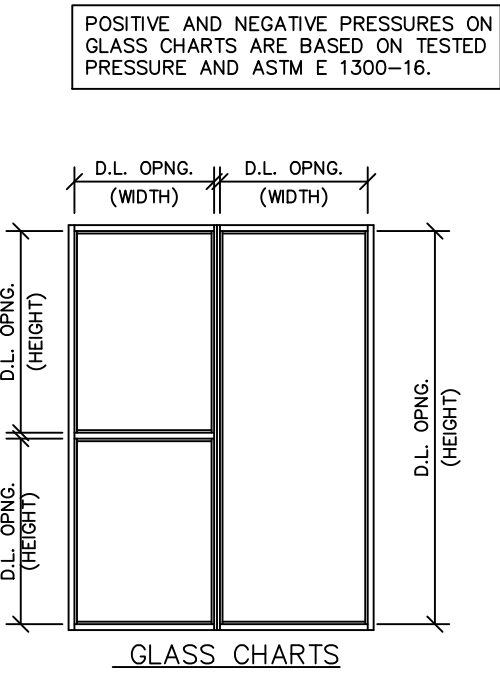
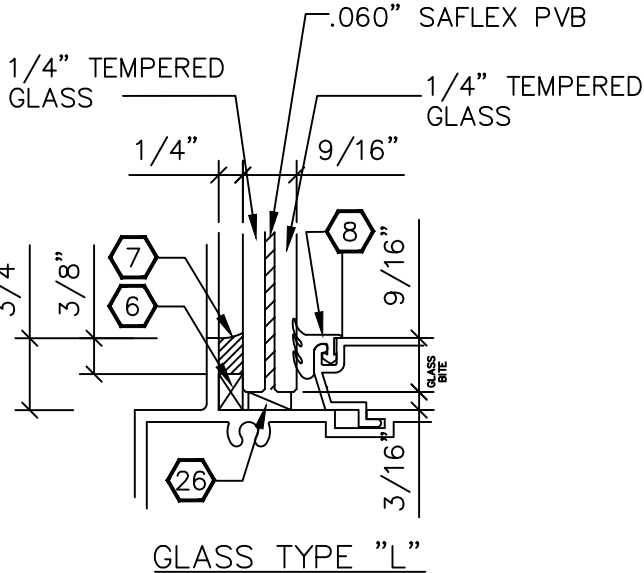
PERSPECTIVE GLASS COMPANY
Glazing Contractors
750 SW 14TH AVENUE
POMPANO BEACH, FL 33069
PH. (954) 773-9714
FAX (954) 971-6614

DRAWING TITLE: PGC-6000 LARGE & SMALL MISSILE IMPACT RESISTANT SYSTEM	
DWG. # 6000 - LMI & SM	PAGE NO. 5/21
PAGE TITLE:	

SMALL MISSILE GLASS TYPES

Glass Type L (1/4" Tempered - .060" Saflex PVB - 1/4" tempered) Small Missile Only																	
D.L. OPNG (HBGHT)	D.L. OPENING (WIDTH)																
	36"	42"	48"	54"	58 1/4"	60"	66"	72"	78"	84"	90"	96"	102"	108"	114"	116 1/2"	120"
30"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
36"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
42"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
48"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
54"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
58 1/4"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
60"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	---	---
63"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	---	---	---
66"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	---	---	---	---	---
69"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	---	---	---	---	---	---
72"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	---	---	---	---	---	---
75"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	---	---	---	---	---	---	---
78"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	---	---	---	---	---	---	---	---
81"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	---	---	---	---	---	---	---	---
84"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	---	---	---	---	---	---	---	---	---
90"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	---	---	---	---	---	---	---	---	---
96"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	---	---	---	---	---	---	---	---	---	---
102"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	---	---	---	---	---	---	---	---	---	---	---
108"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	---	---	---	---	---	---	---	---	---	---	---
114"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	---	---	---	---	---	---	---	---	---	---	---
116 1/2"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	---	---	---	---	---	---	---	---	---	---	---	---
120"	+90,-130	+90,-130	+90,-130	+90,-130	---	---	---	---	---	---	---	---	---	---	---	---	---
126"	+90,-130	+90,-130	+90,-130	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Glass Types L1 (1/4" TEMPERED - .060 SAFLEX PVG - 1/4" TEMPERED - 1/2 AIR SPACE - 1/4" TEMPERED) SMALL MISSILE ONLY																	
D.L. OPNG (HEIGHT)	D.L. OPENING (WIDTH)																
	36"	42"	48"	54"	58 1/4"	60"	66"	72"	78"	84"	90"	96"	102"	108"	114"	116 1/2"	120"
30"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
36"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
42"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
48"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
54"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
58 1/4"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130
60"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	---	---
63"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	---	---	---	---
66"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	---	---	---	---	---
69"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	---	---	---	---	---	---
72"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	---	---	---	---	---	---
75"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	---	---	---	---	---	---	---
78"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	---	---	---	---	---	---	---	---
81"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	---	---	---	---	---	---	---	---
84"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	---	---	---	---	---	---	---	---	---
90"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	---	---	---	---	---	---	---	---	---
96"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	---	---	---	---	---	---	---	---	---	---
102"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	---	---	---	---	---	---	---	---	---	---	---
108"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	---	---	---	---	---	---	---	---	---	---	---
114"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	---	---	---	---	---	---	---	---	---	---	---
116 1/2"	+90,-130	+90,-130	+90,-130	+90,-130	+90,-130	---	---	---	---	---	---	---	---	---	---	---	---
120"	+90,-130	+90,-130	+90,-130	+90,-130	---	---	---	---	---	---	---	---	---	---	---	---	---
126"	+90,-130	+90,-130	+90,-130	---	---	---	---	---	---	---	---	---	---	---	---	---	---



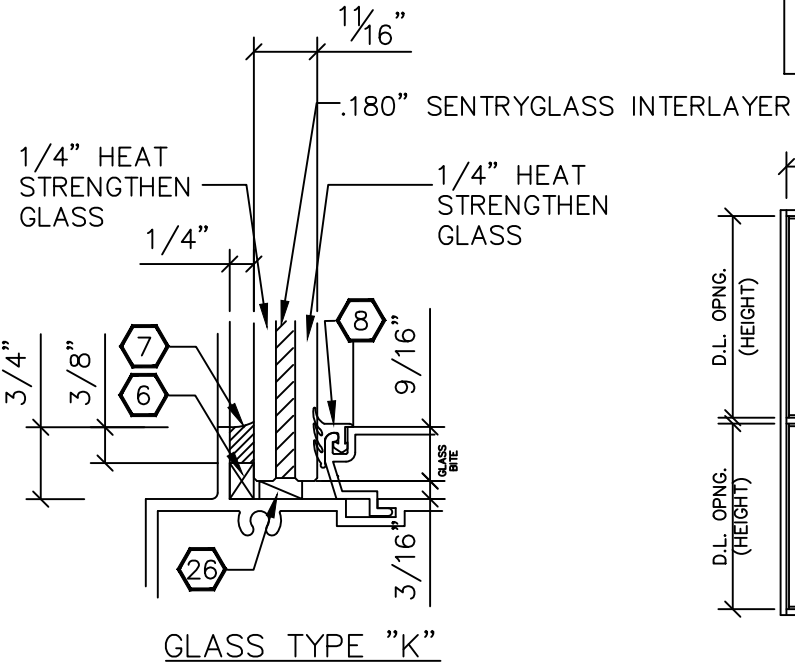
REVISIONS:	
12/01/23	02/23/24
SCALE: N.T.S.	DRAWN BY: FLG
DATE: 10/30/2018	

**PERSPECTIVE GLASS COMPANY**
Glazing Contractors
750 SW 14TH AVENUE
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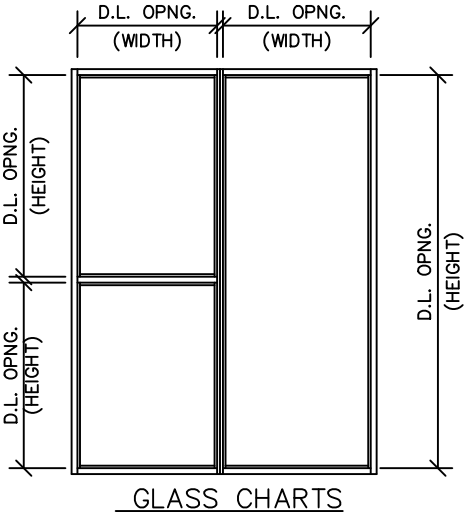
DRAWING TITLE: PGC-6000 LARGE & SMALL MISSILE IMPACT RESISTANT SYSTEM	DWG. # 6000 - LMI & SMI	PAGE NO. 6/21
PAGE TITLE:		

LARGE MISSILE LEVEL E

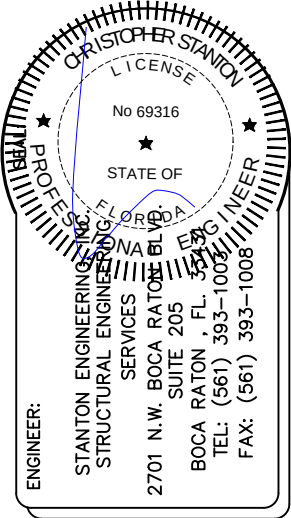
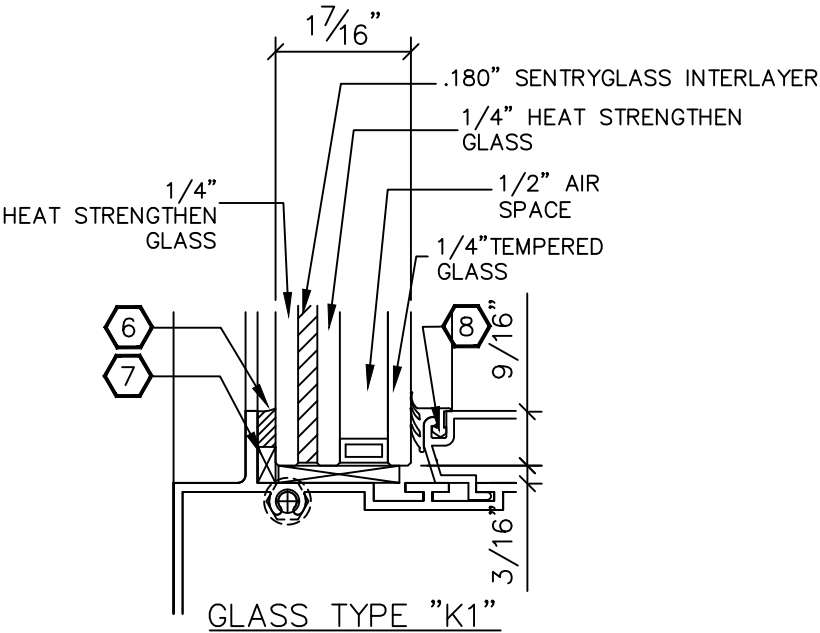
Glass Type K (1/4" HEAT STRENGTHENED - .180 SENTRYGLAS PLUS - 1/4" HEAT STRENGTHENED) LARGE MISSILE LEVEL E																	
D.L. OPNG (HSGHT)	D.L. OPENING (WIDTH)																
	36"	42"	48"	54"	58 1/4"	60"	66"	72"	78"	84"	90"	96"	102"	108"	114"	116 1/2"	120"
30"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70
36"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70
42"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70
48"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70
54"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70
58 1/4"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70
60"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	---	---
63"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	---	---	---
66"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	---	---	---	---
69"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	---	---	---	---	---
72"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	---	---	---	---	---	---
75"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	---	---	---	---	---	---	---
78"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	---	---	---	---	---	---	---	---
81"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	---	---	---	---	---	---	---	---
84"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	---	---	---	---	---	---	---	---	---
90"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	---	---	---	---	---	---	---	---	---
96"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	---	---	---	---	---	---	---	---	---	---
102"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	---	---	---	---	---	---	---	---	---	---	---
108"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	---	---	---	---	---	---	---	---	---	---	---
114"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	---	---	---	---	---	---	---	---	---	---	---	---
116 1/2"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	---	---	---	---	---	---	---	---	---	---	---	---
120"	+70,-70	+70,-70	+70,-70	+70,-70	---	---	---	---	---	---	---	---	---	---	---	---	---
126"	+70,-70	+70,-70	+70,-70	---	---	---	---	---	---	---	---	---	---	---	---	---	---



POSITIVE AND NEGATIVE PRESSURES ON GLASS CHARTS ARE BASED ON TESTED PRESSURE AND ASTM E 1300-16.



Glass Type K1 (1/4" HEAT STRENGTHENED - .180 SENTRYGLAS PLUS - 1/4" HEAT STRENGTHENED - 1/2" AIR SPACE - 1/4" TEMPERED) LARGE MISSILE LEVEL E																	
D.L. OPNG (HEIGHT)	D.L. OPENING (WIDTH)																
	36"	42"	48"	54"	58 1/4"	60"	66"	72"	78"	84"	90"	96"	102"	108"	114"	116 1/2"	120"
30"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70
36"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70
42"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70
48"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70
54"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70
58 1/4"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70
60"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	---	---
63"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	---	---	---
66"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	---	---	---	---
69"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	---	---	---	---	---
72"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	---	---	---	---	---	---
75"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	---	---	---	---	---	---	---
78"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	---	---	---	---	---	---	---	---
81"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	---	---	---	---	---	---	---	---
84"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	---	---	---	---	---	---	---	---	---
90"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	---	---	---	---	---	---	---	---	---	---
96"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	---	---	---	---	---	---	---	---	---	---
102"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	---	---	---	---	---	---	---	---	---	---	---
108"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	---	---	---	---	---	---	---	---	---	---	---
114"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	---	---	---	---	---	---	---	---	---	---	---	---
116 1/2"	+70,-70	+70,-70	+70,-70	+70,-70	+70,-70	---	---	---	---	---	---	---	---	---	---	---	---
120"	+70,-70	+70,-70	+70,-70	+70,-70	---	---	---	---	---	---	---	---	---	---	---	---	---
126"	+70,-70	+70,-70	+70,-70	---	---	---	---	---	---	---	---	---	---	---	---	---	---

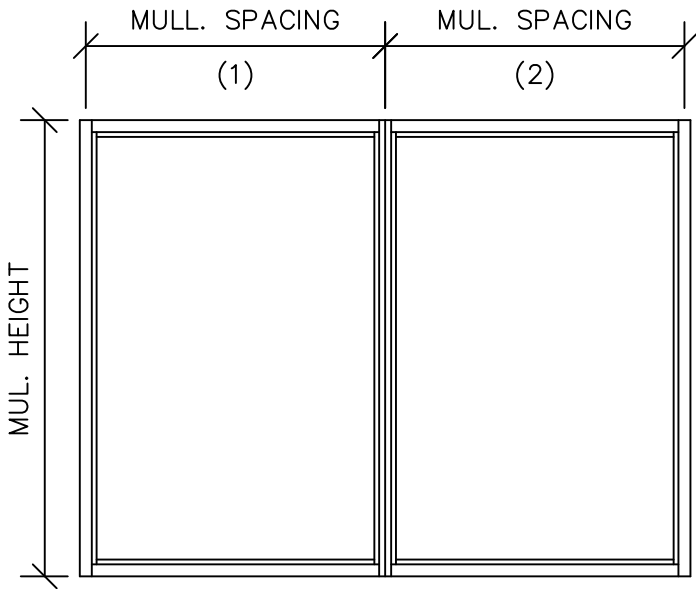


SCALE: N.T.S.	REVISIONS: 12/01/23 02/23/24	
	DRAWN BY: FLG	DATE: 10/30/2018



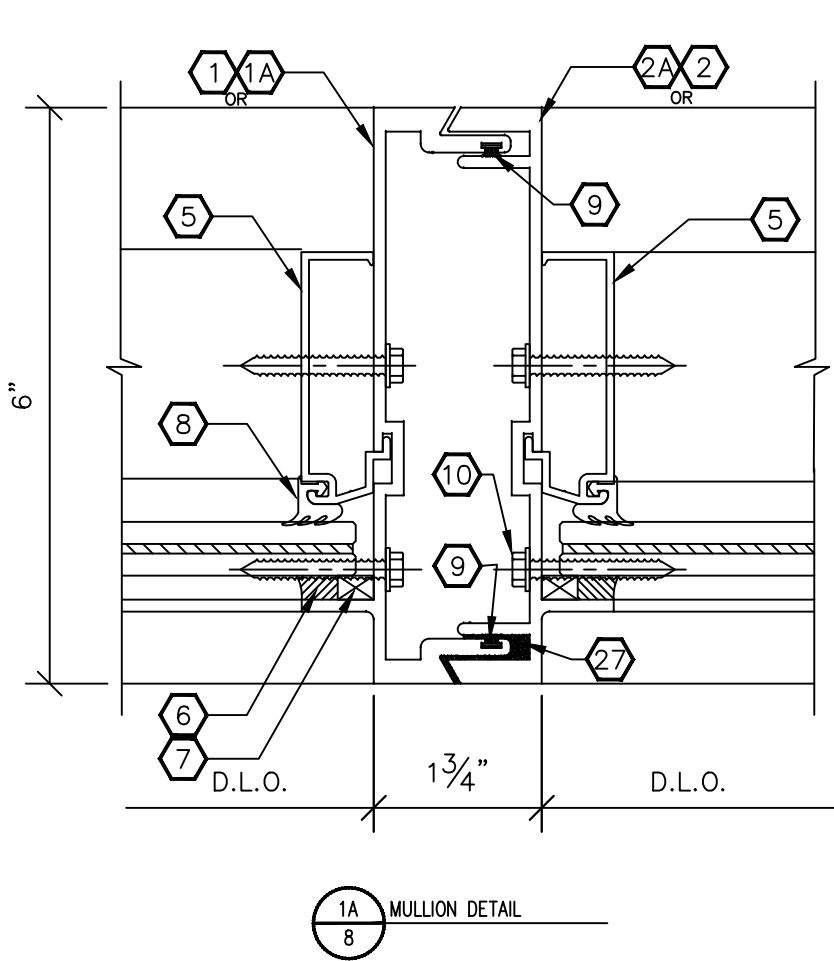
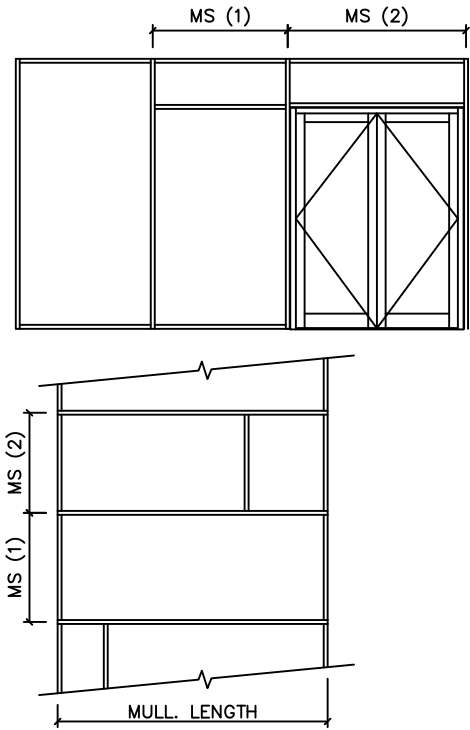
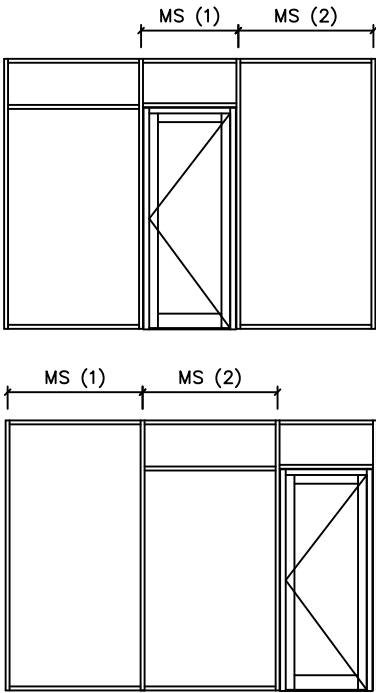
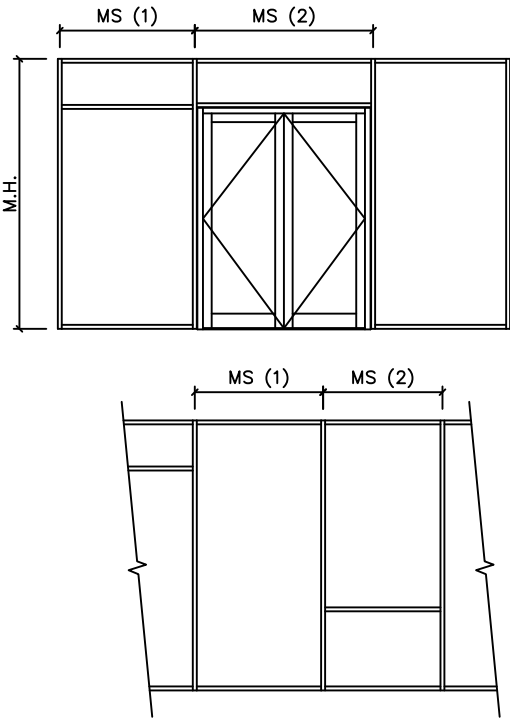
DRAWING TITLE: PGC-6000 LARGE & SMALL MISSLE IMPACT RESISTANT SYSTEM	DWG. # 6000 - LMI & SMI	PAGE TITLE: 7/21

MULLION PROPERTIES		
PART	Ixx(in ⁴)	Sxx(in ³)
CGL-6000	7.544	2.387
CGL-6001	7.046	2.225
3/16" X 4" STEEL	2.90 (AL)	0.5
1/4" X 4" STEEL	3.867 (AL)	0.667
1/2" X 4" STEEL	7.733 (AL)	1.333
3/8" X 5" STEEL	11.328 (AL)	1.582

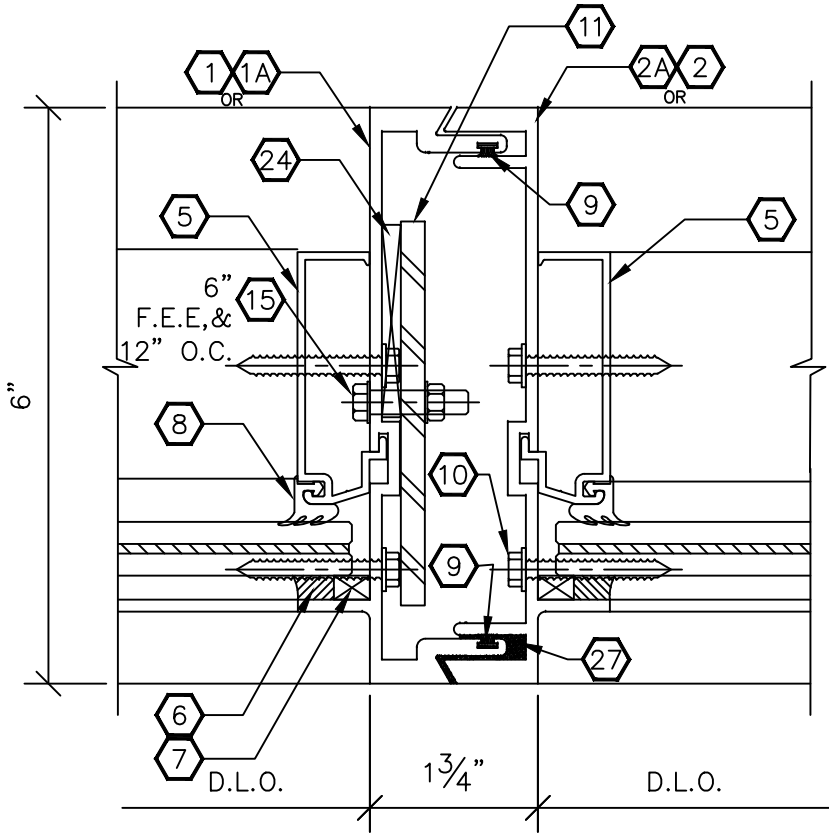


WIDTH= $\frac{\text{MUL. SPACE}(1) + \text{MUL. SPACE}(2)}{2}$

MULLION CHART					
FRAME DIMENSIONS		ALLOWABLE DESIGN PRESSURE-PSF			
		DETAIL 1A		DETAIL 1B	
HEIGHT	WIDTH	+	-	+	-
84"	36"	75	80	90	105
	48"	75	80	90	105
	60"	75	80	90	105
	72"	75	80	90	105
	84"	75	80	90	105
96"	36"	75	80	90	105
	48"	75	80	90	105
	60"	75	80	90	105
	72"	75	80	90	105
	84"	75	80	90	105
108"	36"	75	80	90	105
	48"	75	80	90	105
	60"	75	80	90	105
	72"	75	80	90	105
	84"	75	80	90	105
120"	36"	75	80	90	105
	48"	75	80	90	105
	60"	75	80	90	105
	72"	75	80	90	105
	84"	75	80	90	105
132"	36"	-	-	-	-
	48"	-	-	-	-
	60"	-	-	-	-
	72"	-	-	-	-
	84"	-	-	-	-
144"	36"	-	-	-	-
	48"	-	-	-	-
	60"	-	-	-	-
	72"	-	-	-	-
	84"	-	-	-	-

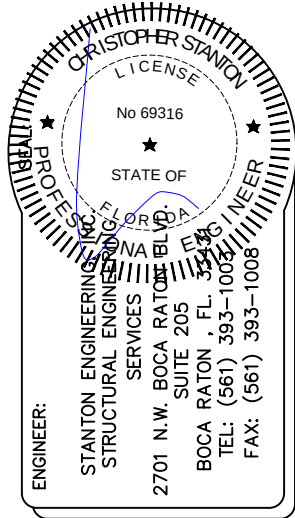


1A MULLION DETAIL
8



1B MULLION DETAIL
8 W/ STEEL REINFORCEMENT TYPE 1
3/16" X 4" FLAT BAR
STL. LENGTH = MULL. LENGTH - 40"

OTHER CONFIGURATIONS

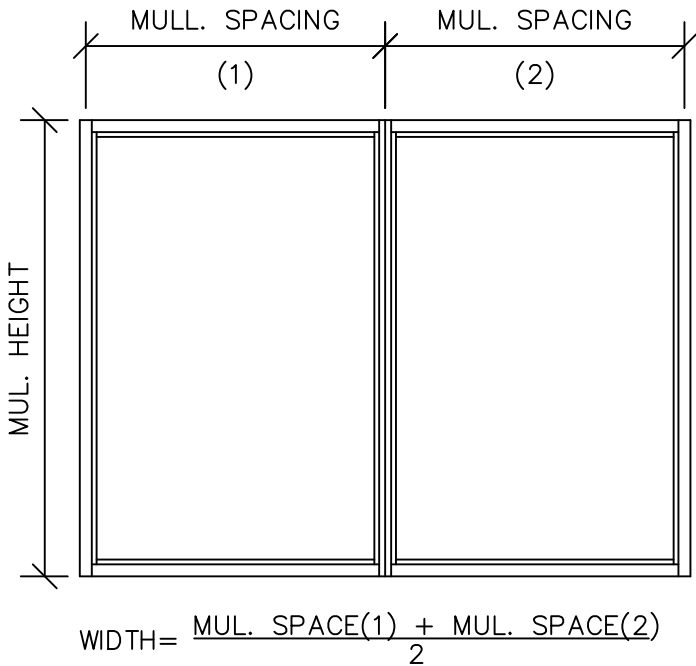


SCALE:	REVISIONS:	
	N.T.S.	12/01/23
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	FLG	
DATE: 10/30/2018		

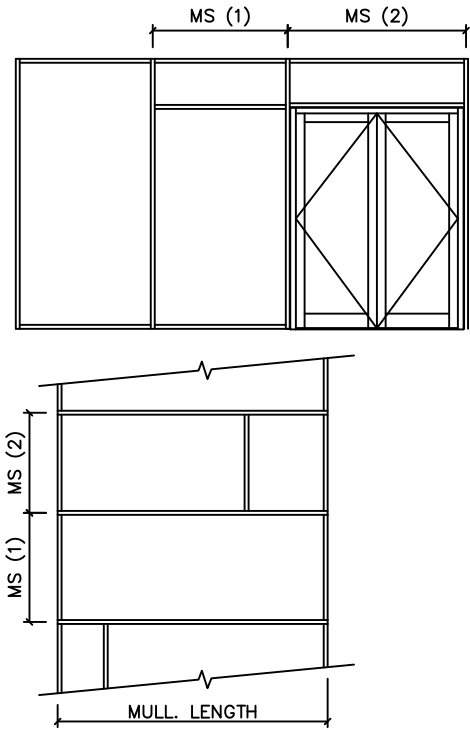
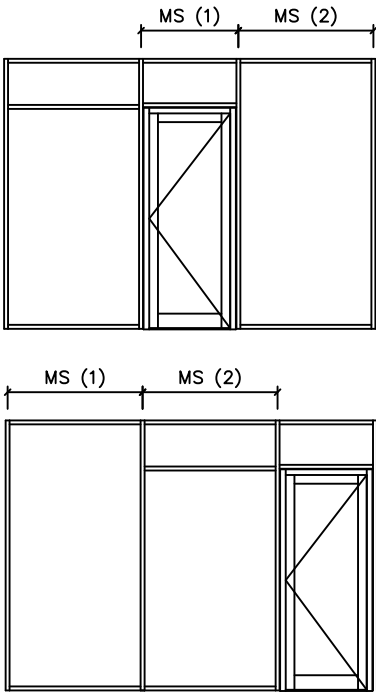
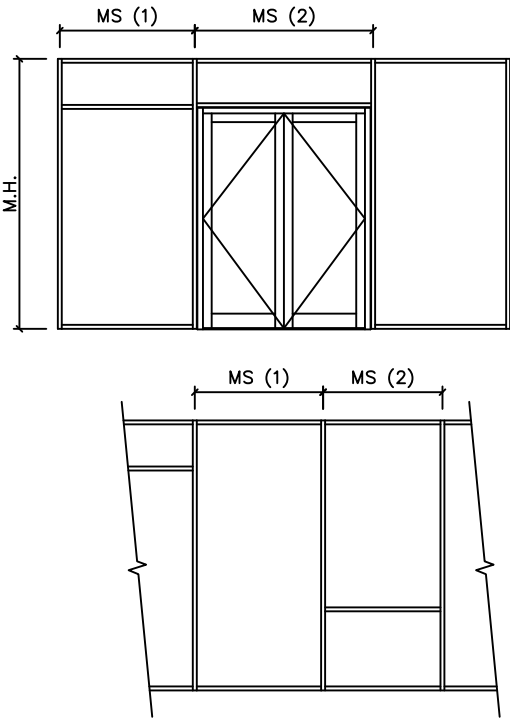
PERSPECTIVE GLASS COMPANY
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POMPANO BEACH, FL 33069
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DRAWING TITLE: PGC-6000 LARGE & SMALL MISSILE IMPACT RESISTANT SYSTEM	DWG. # 6000 - LMI & SMI	PAGE NO. 8/21

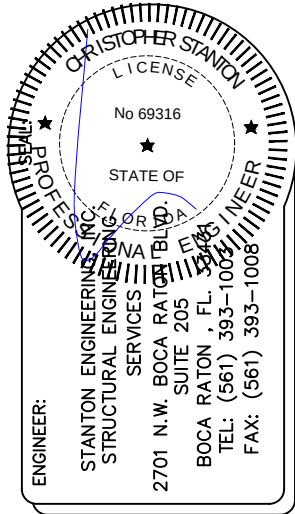
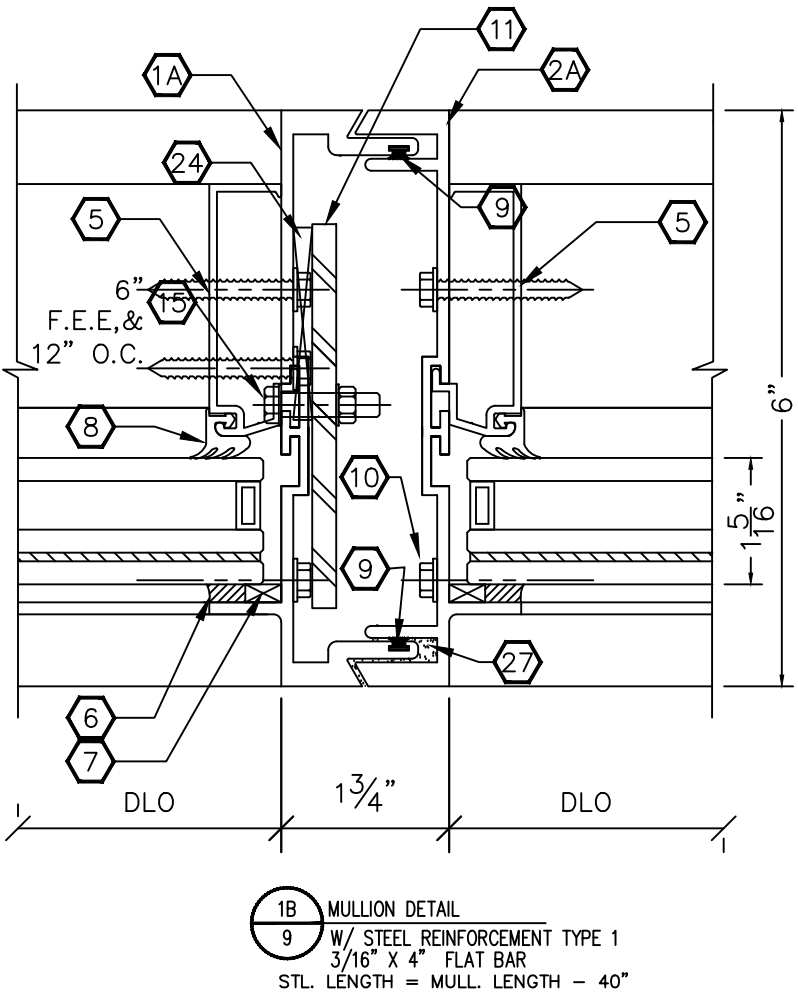
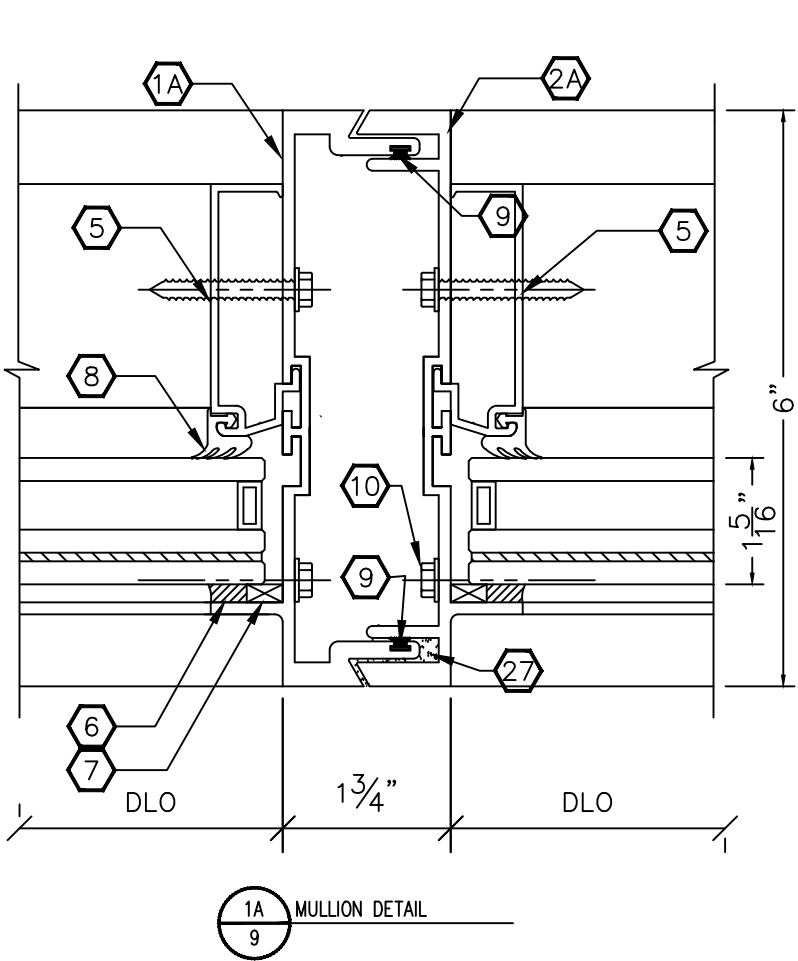
MULLION PROPERTIES		
PART	Ixx(in ⁴)	Sxx(in ³)
PGC-6000	7.538	2.399
PGC-6001	7.041	2.237
3/16" X 4" STEEL	2.90 (AL)	0.5
1/4" X 4" STEEL	3.867 (AL)	0.667
1/2" X 4" STEEL	7.733 (AL)	1.333
3/8" X 5" STEEL	11.328 (AL)	1.582



MULLION CHART						
FRAME DIMENSIONS		ALLOWABLE DESIGN PRESSURE-PSF				
		DETAIL 1A		DETAIL 1B		
HEIGHT	WIDTH	+	-	+	-	-
84"	36"	75	80	90	105	
	48"	75	80	90	105	
	60"	75	80	90	105	
	72"	75	80	90	105	
	84"	75	80	90	105	
96"	36"	75	80	90	105	
	48"	75	80	90	105	
	60"	75	80	90	105	
	72"	75	80	90	105	
	84"	75	80	90	105	
108"	36"	75	80	90	105	
	48"	75	80	90	105	
	60"	75	80	90	105	
	72"	75	80	90	105	
	84"	75	80	90	105	
120"	36"	75	80	90	105	
	48"	75	80	90	105	
	60"	75	80	90	105	
	72"	75	80	90	105	
	84"	75	80	90	105	
132"	36"	-	-	-	-	-
	48"	-	-	-	-	-
	60"	-	-	-	-	-
	72"	-	-	-	-	-
	84"	-	-	-	-	-
144"	36"	-	-	-	-	-
	48"	-	-	-	-	-
	60"	-	-	-	-	-
	72"	-	-	-	-	-
	84"	-	-	-	-	-



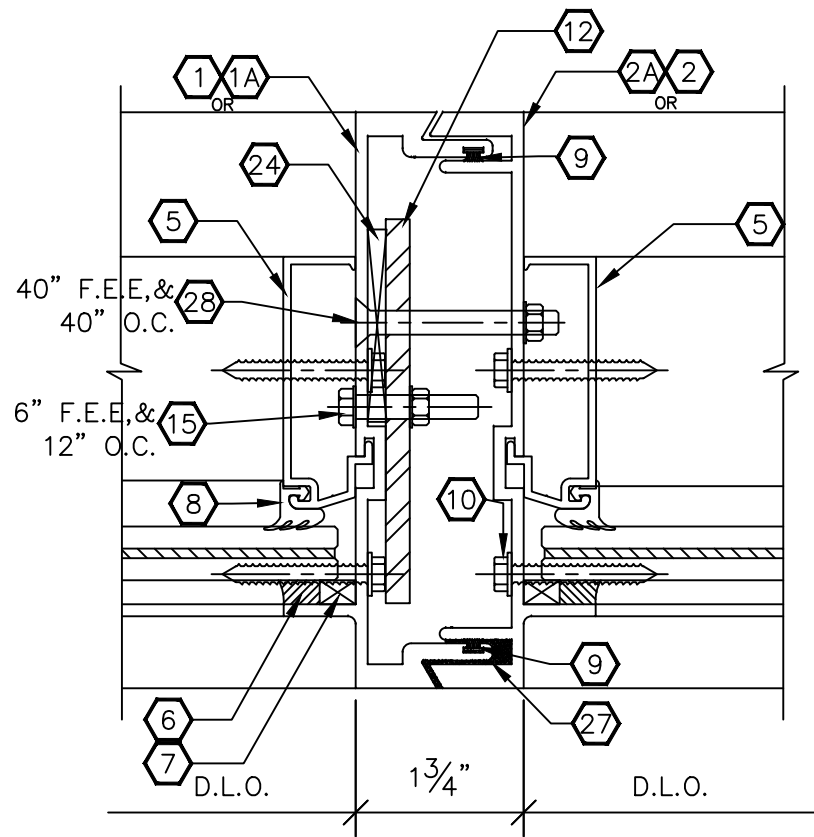
OTHER CONFIGURATIONS



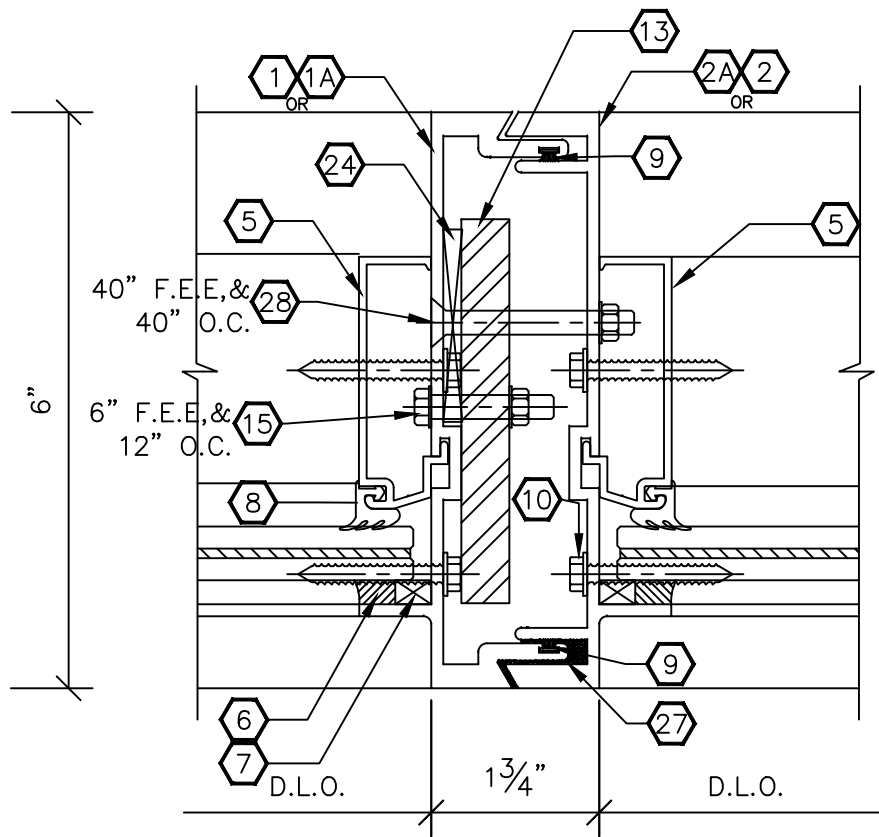
SCALE: N.T.S.	REVISIONS: 12/01/23 02/23/24	
	DRAWN BY: FLG	DATE: 10/30/2018

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 POMPAHO BEACH, FL 33069
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 FAX (954) 971-6614

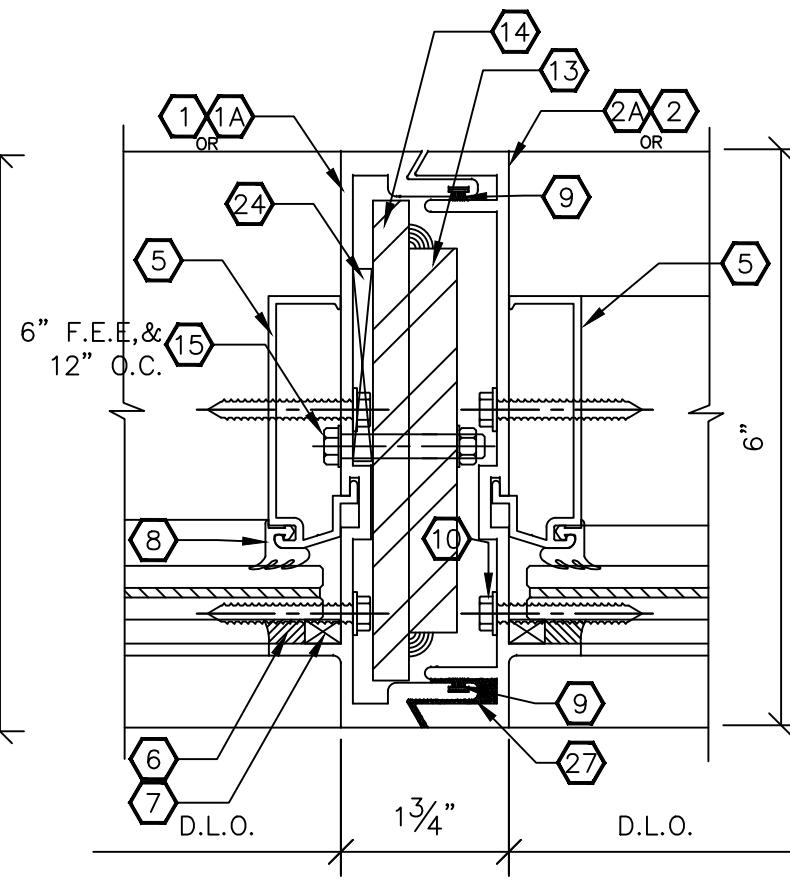
DRAWING TITLE: PGC-6000 LARGE & SMALL MISSILE IMPACT RESISTANT SYSTEM	DWG. # 6000 - LMI & SMI	PAGE NO. 9/21
PAGE TITLE:		



1C MULLION DETAIL
10 W/ STEEL REINFORCEMENT TYPE 2
1/4" X 4" FLAT BAR
STL. LENGTH = MULL. LENGTH - 6"

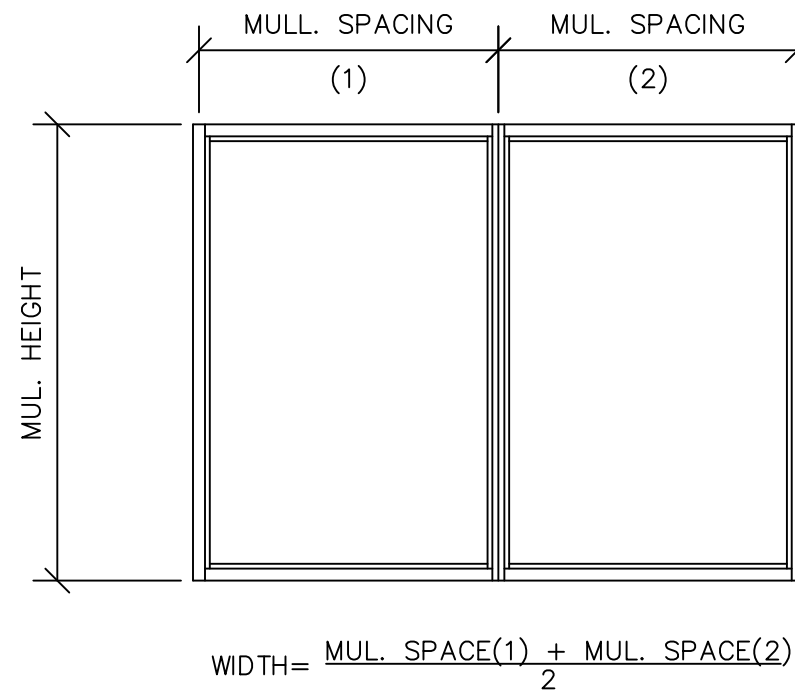


1D MULLION DETAIL
10 W/ STEEL REINFORCEMENT TYPE 3
1/2" X 4" FLAT BAR
STL. LENGTH = MULL. LENGTH - 6"

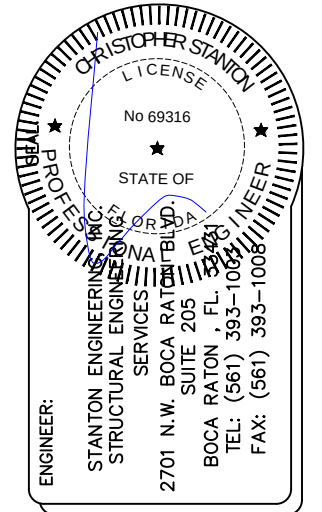


1E MULLION DETAIL
10 W/ STEEL REINFORCEMENT TYPE 4
1/2" X 4" & 3/8" X 5 FLAT BAR
STL. LENGTH = MULL. LENGTH - 24"

MULLION CHART							
FRAME DIMENSIONS		ALLOWABLE DESIGN PRESSURE-PSF					
		DETAIL 1C		DETAIL 1D		DETAIL 1E	
HEIGHT	WIDTH	+	-	+	-	+	-
84"	36"	90	105	90	130	90	130
	48"	90	105	90	130	90	130
	60"	90	105	90	130	90	130
	72"	90	105	90	130	90	130
	84"	90	105	90	130	90	130
96"	36"	90	105	90	130	90	130
	48"	90	105	90	130	90	130
	60"	90	105	90	130	90	130
	72"	90	105	90	130	90	130
	84"	90	105	90	130	90	130
108"	36"	90	105	90	130	90	130
	48"	90	105	90	130	90	130
	60"	90	105	90	130	90	130
	72"	90	105	90	130	90	130
	84"	90	105	90	130	90	130
120"	36"	90	105	90	130	90	130
	48"	90	105	90	130	90	130
	60"	90	101	90	120	90	130
	69 7/8"	87	87	-	-	90	105
	72"	-	-	-	-	90	105
132"	36"	-	-	-	-	90	105
	48"	-	-	-	-	90	105
	60"	-	-	-	-	90	105
144"	36"	-	-	-	-	90	105
	48"	-	-	-	-	90	105
	60"	-	-	-	-	90	102



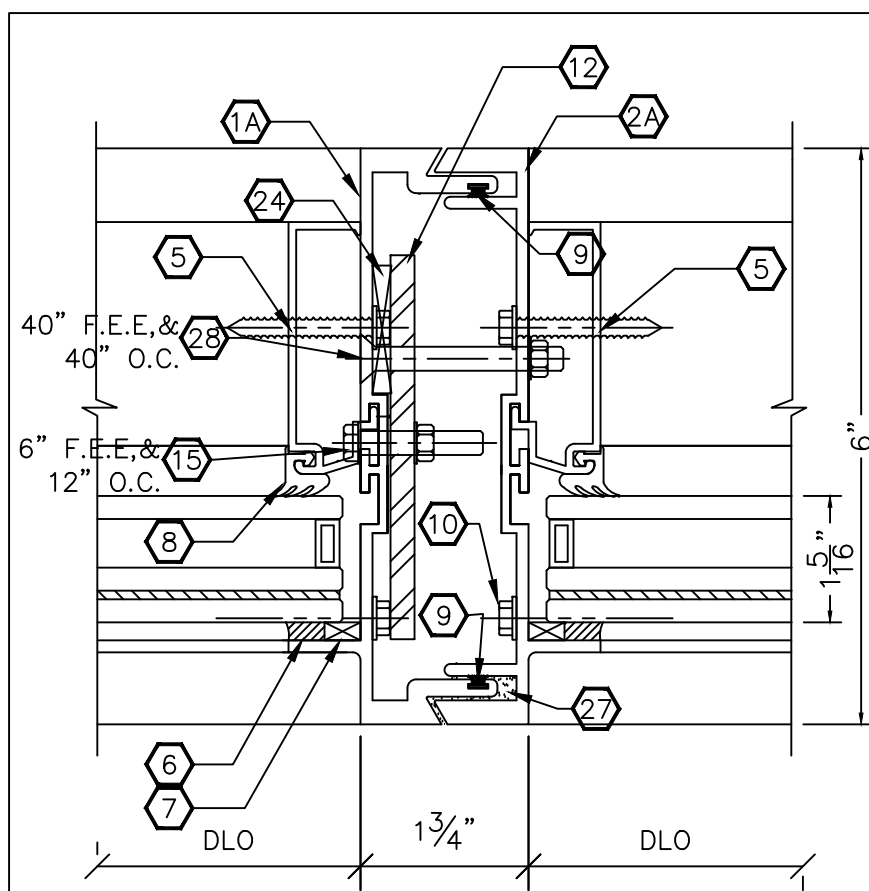
MULLION PROPERTIES		
PART	Ixx(in ⁴)	Sxx(in ³)
CGL-6000	7.544	2.387
CGL-6001	7.046	2.225
3/16" X 4" STEEL	2.90 (AL)	0.5
1/4" X 4" STEEL	3.867 (AL)	0.667
1/2" X 4" STEEL	7.733 (AL)	1.333
3/8" X 5" STEEL	11.328 (AL)	1.582



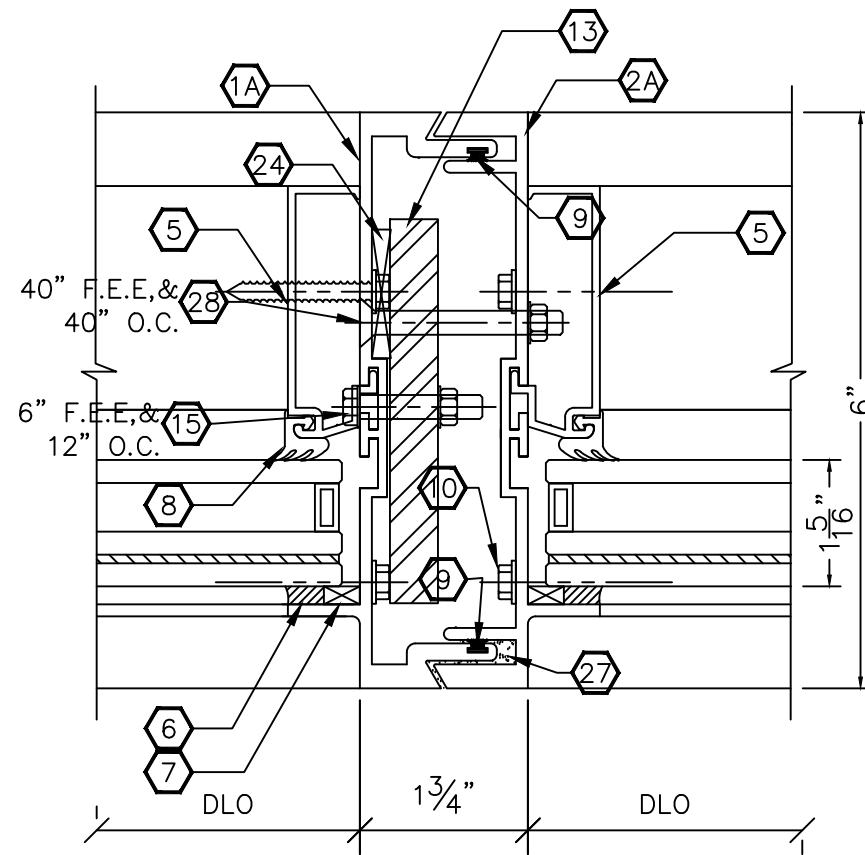
SCALE:	N.T.S.	
	DRAWN BY:	FLG
REVISIONS:		DATE: 10/30/2018
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02/23/24		

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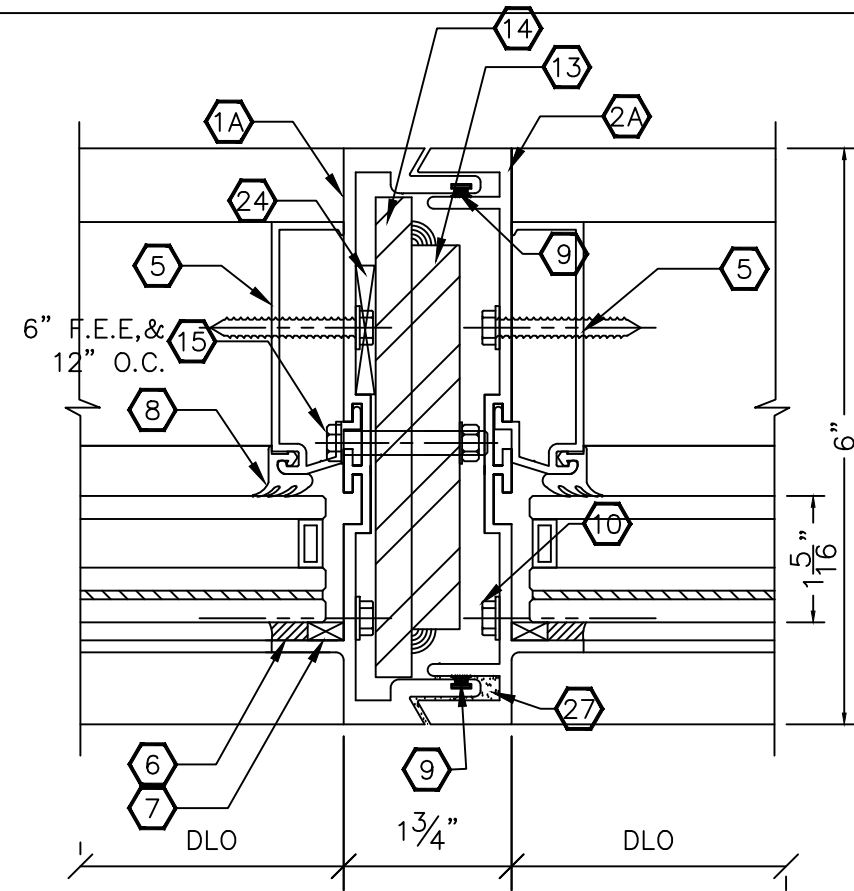
DRAWING TITLE: PGC-6000 LARGE & SMALL MISSILE IMPACT RESISTANT SYSTEM	DWG. # 6000 - LMI & SMI	PAGE NO. 10/21



1C MULLION DETAIL
11 W/ STEEL REINFORCEMENT TYPE 2
1/4" X 4" FLAT BAR
STL. LENGTH = MULL. LENGTH - 6"

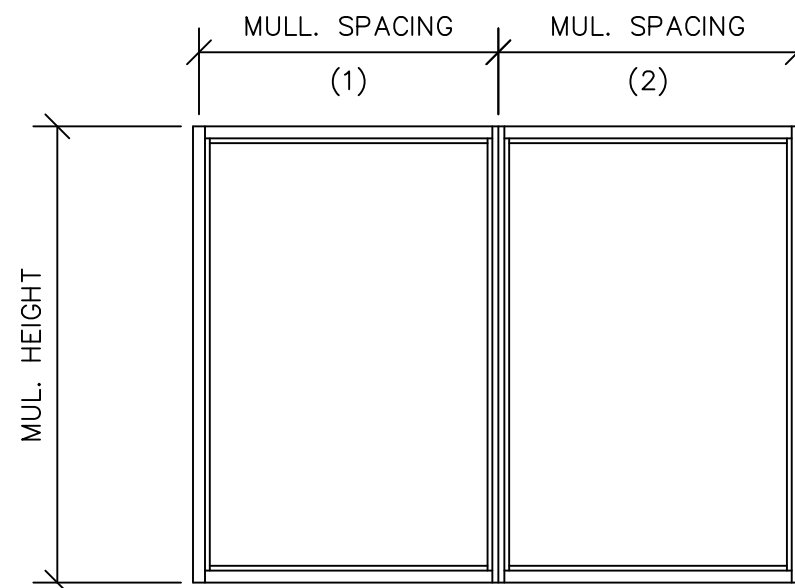


1D MULLION DETAIL
11 W/ STEEL REINFORCEMENT TYPE 3
1/2" X 4" FLAT BAR
STL. LENGTH = MULL. LENGTH - 6"



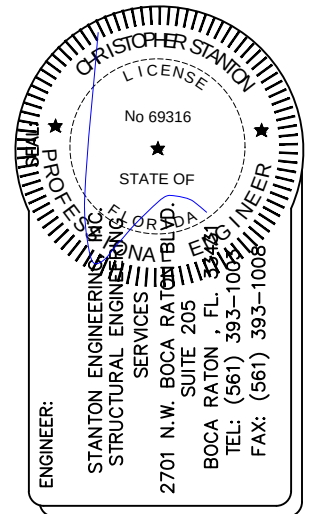
1E MULLION DETAIL
11 W/ STEEL REINFORCEMENT TYPE 4
1/2" X 4" & 3/8" X 5 FLAT BAR
STL. LENGTH = MULL. LENGTH - 24"

FRAME DIMENSIONS		ALLOWABLE DESIGN PRESSURE-PSF					
HEIGHT	WIDTH	DETAIL 1C		DETAIL 1D		DETAIL 1E	
		+	-	+	-	+	-
84"	36"	90	105	90	130	90	130
	48"	90	105	90	130	90	130
	60"	90	105	90	130	90	130
	72"	90	105	90	130	90	130
	84"	90	105	90	130	90	130
96"	36"	90	105	90	130	90	130
	48"	90	105	90	130	90	130
	60"	90	105	90	130	90	130
	72"	90	105	90	130	90	130
	84"	90	105	90	130	90	130
108"	36"	90	105	90	130	90	130
	48"	90	105	90	130	90	130
	60"	90	105	90	130	90	130
	72"	90	105	90	130	90	130
	84"	90	105	90	130	90	130
120"	36"	90	105	90	130	90	130
	48"	90	105	90	130	90	130
	60"	90	101	90	120	90	130
	69 5/8"	87	87	-	-	90	105
	72"	-	-	-	-	90	105
132"	36"	-	-	-	-	90	105
	48"	-	-	-	-	90	105
	60"	-	-	-	-	90	105
144"	36"	-	-	-	-	90	105
	48"	-	-	-	-	90	105
	60"	-	-	-	-	90	102



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

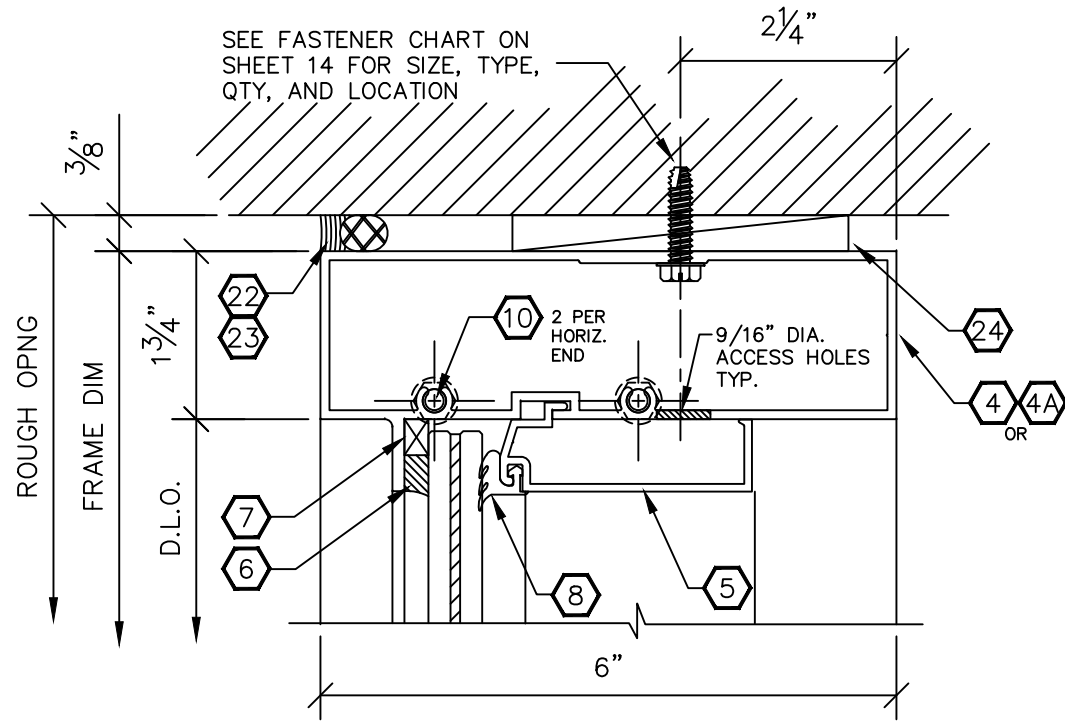
MULLION PROPERTIES		
PART	Ixx(in ⁴)	Sxx(in ³)
PGC-6000	7.538	2.399
PGC-6001	7.041	2.237
3/16" X 4" STEEL	2.90 (AL)	0.5
1/4" X 4" STEEL	3.867 (AL)	0.667
1/2" X 4" STEEL	7.733 (AL)	1.333
3/8" X 5" STEEL	11.328 (AL)	1.582



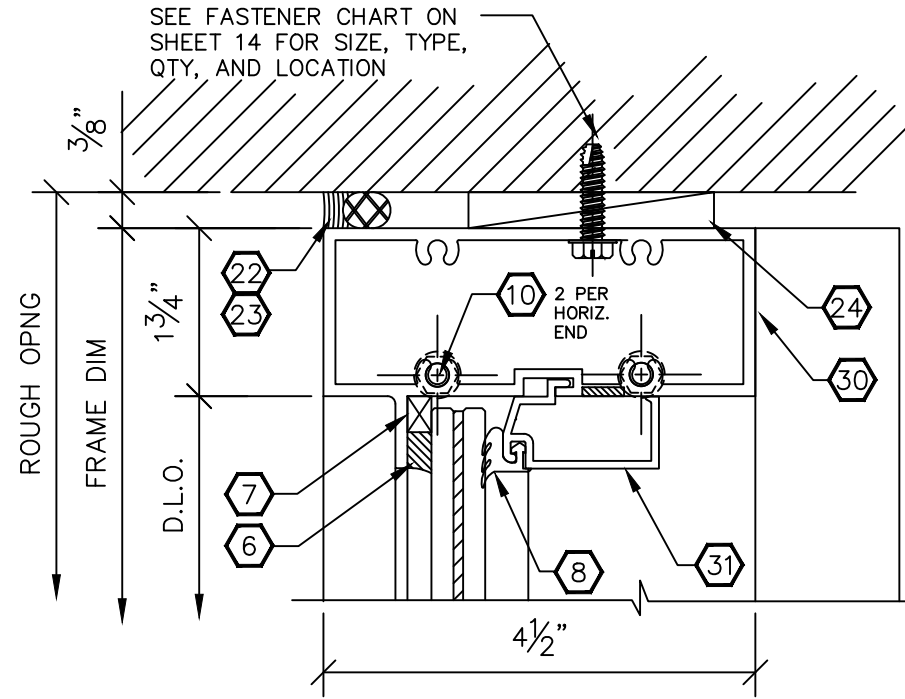
SCALE: N.T.S.	REVISIONS: 12/01/23
	02/23/24
DRAWN BY: FLG	DATE: 10/30/2018

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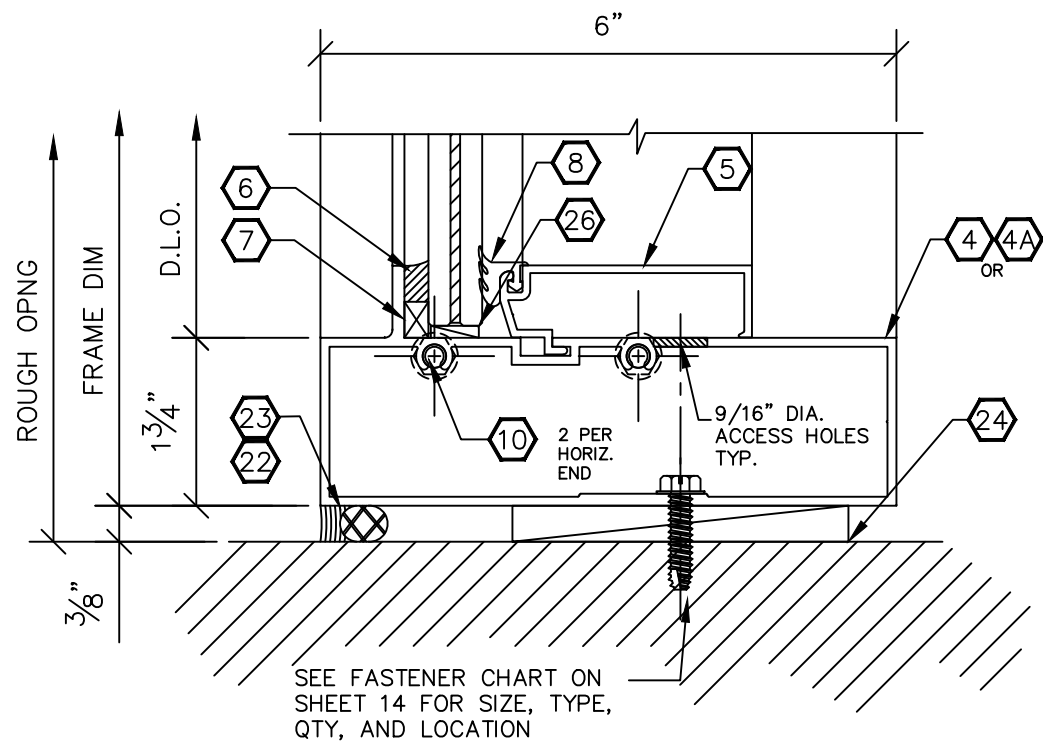
DRAWING TITLE: PGC-6000 LARGE & SMALL MISSILE IMPACT RESISTANT SYSTEM	DWG. # 6000 - LMI & SMI	PAGE NO. 11/21
PAGE TITLE:		



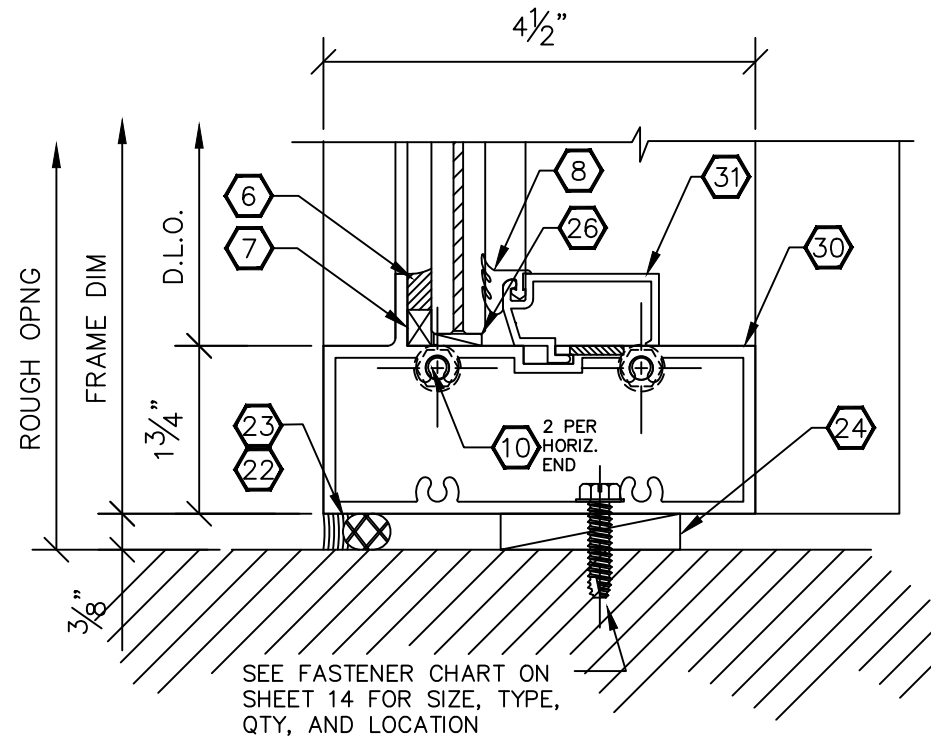
2 HEAD DETAIL



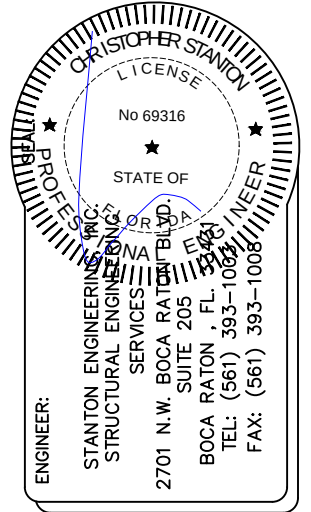
2A OPTIONAL HEAD DETAIL



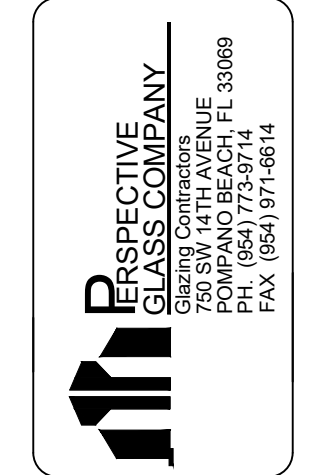
3 SILL DETAIL



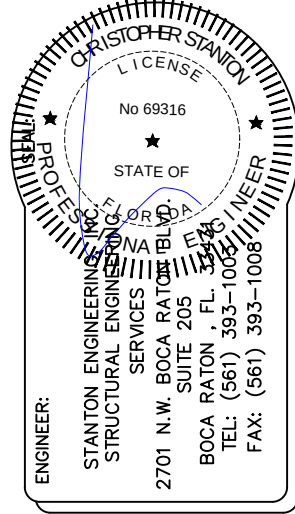
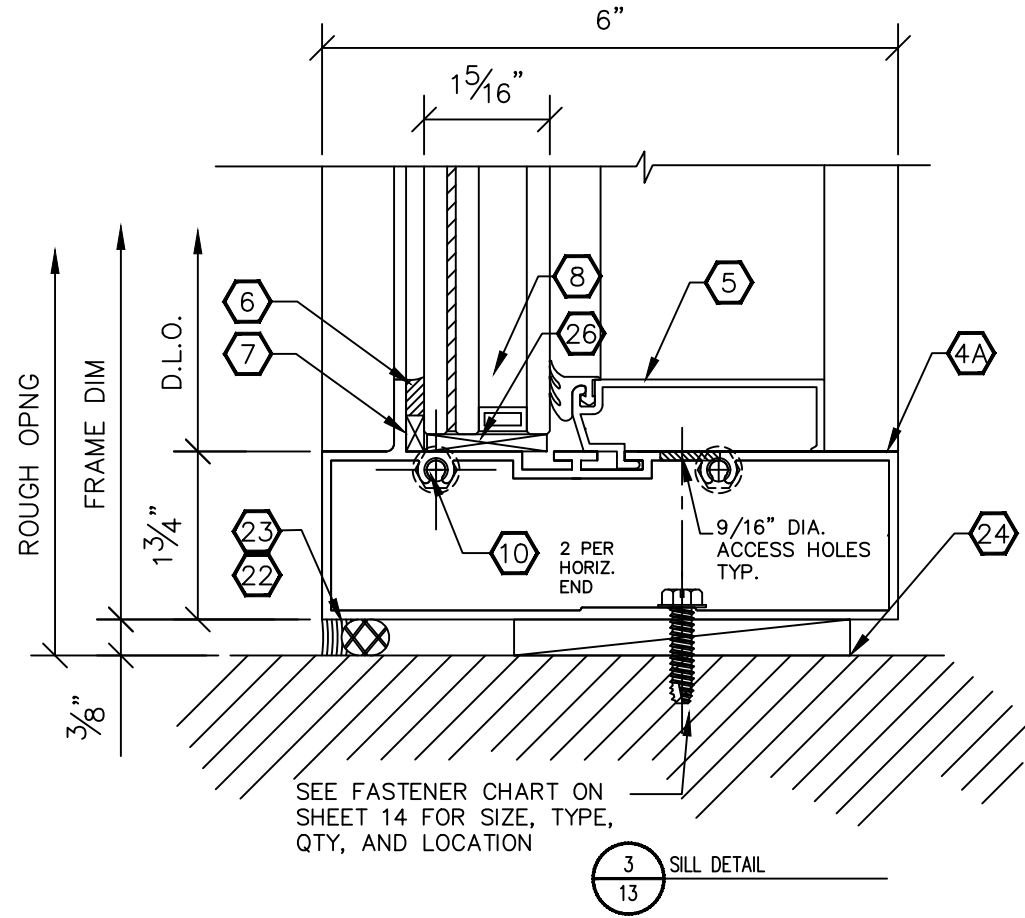
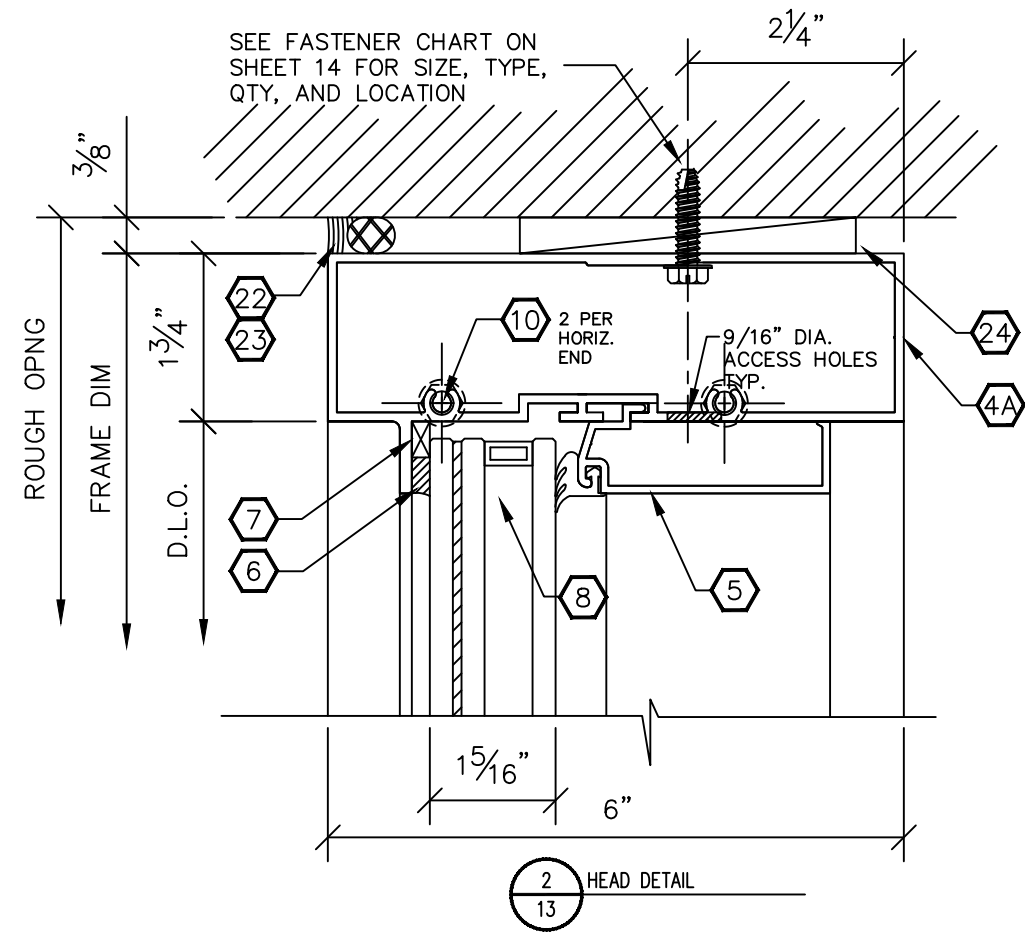
3A OPTIONAL SILL DETAIL



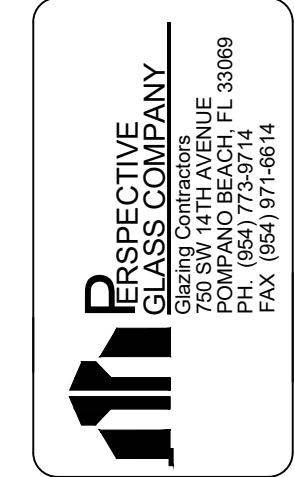
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	N.T.S.	12/01/23
DRAWN BY:	02/23/24	
	FLG	
DATE:		10/30/2018



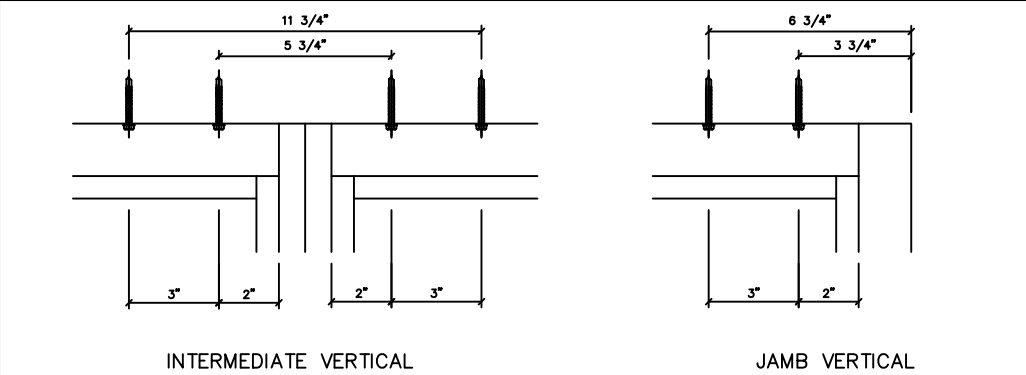
DRAWING TITLE: PGC-6000 LARGE & SMALL MISSILE IMPACT RESISTANT SYSTEM		PAGE NO. 12/21
DWG. # 6000 - LMI & SMI		
PAGE TITLE:		



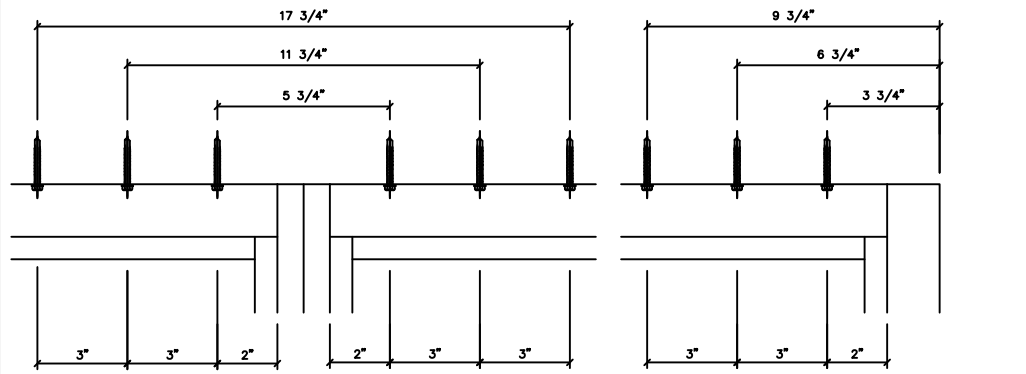
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DRAWN BY:	FLG		02/23/24
DATE:	10/30/2018		



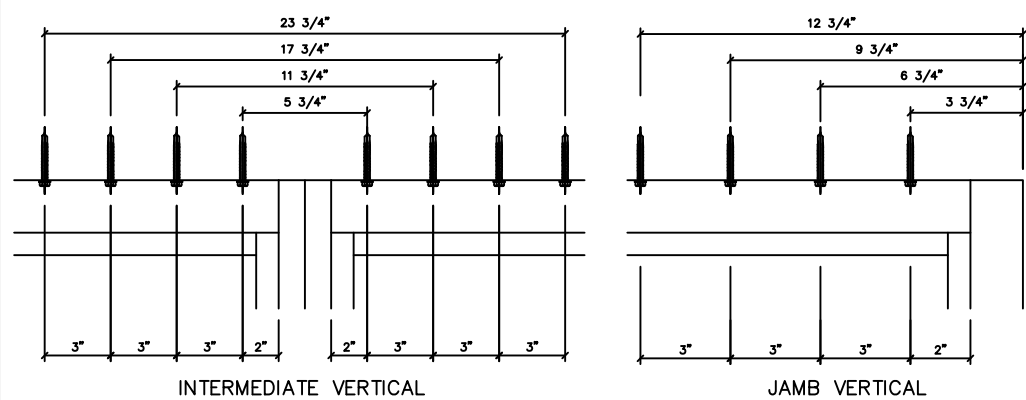
DRAWING TITLE:	PCC-6000 LARGE & SMALL MISSILE IMPACT RESISTANT SYSTEM	PAGE NO.	13/21
DWG. #	6000 - LMI & SMI		
PAGE TITLE:			



ANCHOR PATTERN 2



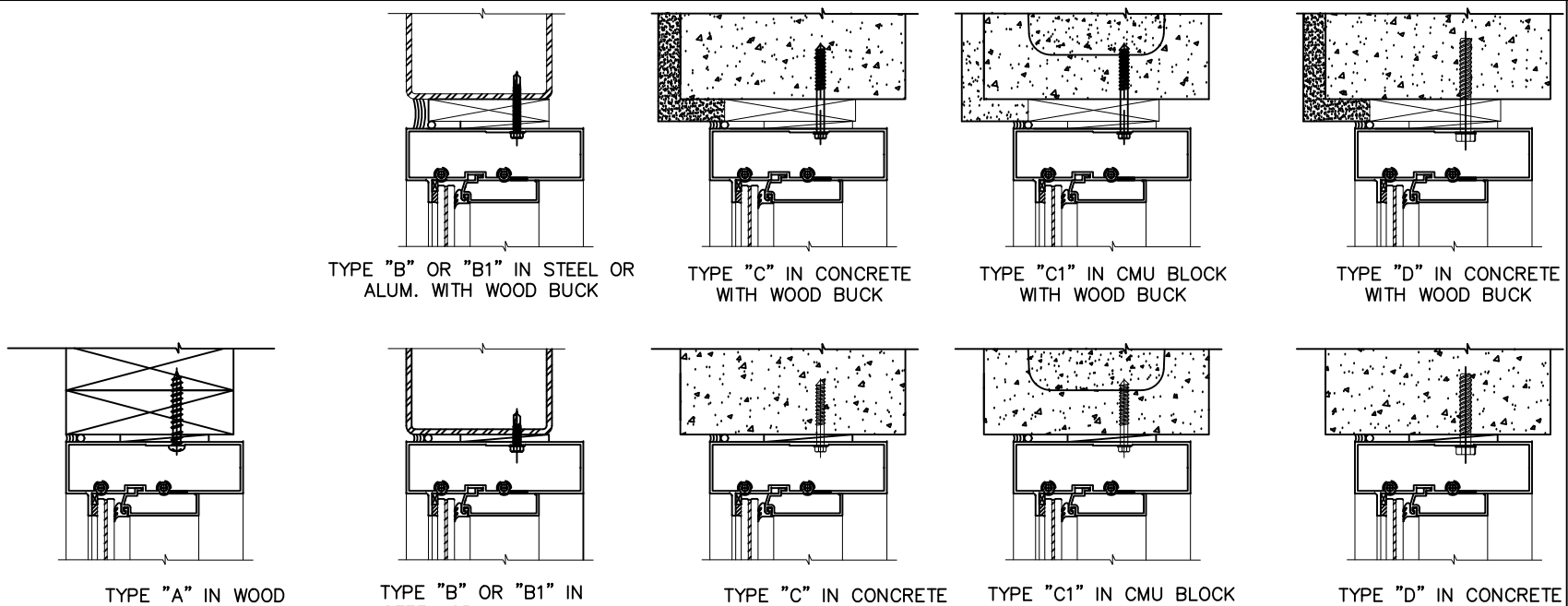
ANCHOR PATTERN 3



ANCHOR PATTERN 4

TYPICAL ANCHORS

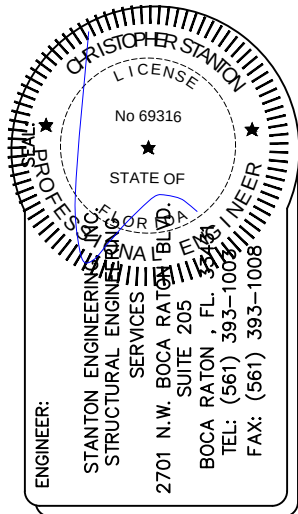
- TYPE A: 5/16" HEX HEAD DEWALT ULTRACON INTO WOOD (S.G. = 0.55 MIN) WITH 1 1/2" EMBEDMENT, 1 9/16" EDGE DISTANCE.
- TYPE B: 1/4"-20 HEX HEAD GRADE 2 (MIN.) MACHINE SCREW THROUGH STEEL (16 GA., A36) OR ALUMINUM (1/8", 6063-T6 MIN.) WITH FULL EMBEDMENT AND 3/4" EDGE DISTANCE.
- TYPE B1: 5/16-24 HEX HEAD DRILL FLEX BY DEWALT THROUGH STEEL (16 GA., A36 MIN.) OR ALUMINUM (1/8", 6063-T6 MIN.) WITH FULL EMBEDMENT AND 3/4" EDGE DISTANCE.
- TYPE C: 1/4" HEX HEAD ITW/REDHEAD TAPCONS DIRECTLY INTO CONCRETE (3000 psi MIN.) OR THRU WOOD BUCK INTO CONCRETE, WITH 1 3/4" EMBEDMENT, 2 1/2", EDGE DISTANCE.
- TYPE C1: 1/4" HEX HEAD ITW/REDEHEAD TAPCONS INTO CMU (ASTM C90, 2000 psi MIN.) OR THRU WOOD BUCK INTO CMU, WITH 1 3/4" EMBEDMENT, 2 1/2" EDGE DISTANCE.
- TYPE D: 5/16" TAPCON DIRECTLY INTO CONCRETE (3000 psi MIN.) OR THRU WOOD BUCK INTO CONCRETE WITH 1 3/4" EMBEDMENT AND 2 3/16" EDGE DISTANCE.



Perimeter Fastener Chart																			
Allowable Design Pressure (PSF)																			
Frame Dimensions		Type A Wood			Type B Aluminum or Steel			Type B1 Aluminum or Steel			Type C Concrete			Type C1 CMU			Type D Concrete		
Height	Width	Anchor Pattern # 2	Anchor Pattern # 3	Anchor Pattern # 4	Anchor Pattern # 2	Anchor Pattern # 3	Anchor Pattern # 4	Anchor Pattern # 2	Anchor Pattern # 3	Anchor Pattern # 4	Anchor Pattern # 2	Anchor Pattern # 3	Anchor Pattern # 4	Anchor Pattern # 2	Anchor Pattern # 3	Anchor Pattern # 4	Anchor Pattern # 2	Anchor Pattern # 3	Anchor Pattern # 4
84"	24"	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	109.7	130.0	130.0	130.0	130.0	130.0
84"	36"	109.3	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	125.0	130.0	130.0	73.1	109.7	130.0	130.0	130.0	130.0
84"	48"	82.0	123.0	130.0	113.7	130.0	130.0	130.0	130.0	130.0	93.7	130.0	130.0	54.9	82.3	109.7	130.0	130.0	130.0
84"	60"	65.6	98.4	130.0	91.0	130.0	130.0	128.0	130.0	130.0	75.0	112.5	130.0	43.9	65.8	87.8	114.3	130.0	130.0
84"	72"	54.7	52.0	1409.3	75.8	113.7	130.0	106.7	130.0	130.0	62.5	93.7	125.0	36.6	54.9	73.1	95.2	130.0	130.0
84"	84"	46.9	70.3	93.7	65.0	97.5	130.0	91.4	130.0	130.0	53.6	80.3	107.1	31.3	47.0	62.7	81.6	122.4	130.0
96"	24"	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	96.0	130.0	130.0	130.0	130.0	130.0
96"	36"	95.7	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	109.3	130.0	130.0	64.0	96.0	128.0	130.0	130.0	130.0
96"	48"	71.8	107.6	130.0	99.5	130.0	130.0	130.0	130.0	130.0	82.0	123.0	130.0	48.0	72.0	96.0	125.0	130.0	130.0
96"	60"	57.4	86.1	114.8	79.6	119.4	130.0	112.0	130.0	130.0	65.6	98.4	130.0	38.4	57.6	76.8	100.0	130.0	130.0
96"	72"	47.8	71.8	95.7	66.3	99.5	130.0	93.3	130.0	130.0	54.7	82.0	109.3	32.0	48.6	64.0	83.3	125.0	130.0
96"	84"	41.0	61.5	82.0	56.9	85.3	113.7	80.0	120.0	129.1	46.9	70.3	93.7	27.4	41.1	54.9	71.4	107.1	130.0
108"	24"	127.6	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	85.3	128.0	130.0	130.0	130.0	130.0
108"	36"	85.0	127.6	130.0	117.9	130.0	130.0	130.0	130.0	130.0	97.2	130.0	130.0	56.9	85.3	113.8	130.0	130.0	130.0
108"	48"	63.8	95.7	127.6	88.4	130.0	130.0	124.4	130.0	130.0	72.9	109.3	130.0	42.7	64.0	85.3	111.1	130.0	130.0
108"	60"	51.0	76.5	102.0	70.8	106.1	130.0	99.6	130.0	130.0	58.3	87.5	116.6	34.1	51.2	68.3	88.9	130.0	130.0
108"	72"	42.5	63.8	85.0	59.0	88.4	117.9	83.0	124.4	130.0	48.6	72.9	97.2	28.4	42.7	56.9	74.1	111.1	130.0
108"	84"	36.4	54.7	72.9	50.5	75.8	101.1	71.1	106.7	114.8	41.7	62.5	83.3	24.4	36.6	48.8	63.5	95.2	127.0
120"	36"	76.5	114.8	130.0	106.1	130.0	130.0	130.0	130.0	130.0	87.5	130.0	130.0	51.2	76.8	102.4	130.0	130.0	130.0
120"	48"	57.4	86.1	114.8	79.6	119.4	130.0	112.0	130.0	130.0	65.6	98.4	130.0	38.4	57.6	76.8	100.0	130.0	130.0
120"	60"	45.9	68.9	91.8	63.7	95.5	127.4	89.6	130.0	130.0	52.5	78.7	105.0	30.7	46.1	61.4	80.0	120.0	130.0
120"	72"	37.3	57.3	76.5	53.1	79.6	106.1	74.7	112.0	120.5	43.7	65.6	87.5	25.6	38.4	51.2	66.7	100.0	130.0
132"	36"	69.6	104.4	130.0	96.5	130.0	130.0	124.4	130.0	130.0	79.5	119.3	130.0	46.5	69.8	93.1	121.2	130.0	130.0
132"	48"	52.2	78.3	104.4	72.4	108.5	130.0	93.3	130.0	130.0	59.6	89.5	119.3	34.9	52.4	69.8	90.9	130.0	130.0
132"	60"	41.7	62.6	83.5	57.9	86.8	115.8	74.7	122.2	130.0	47.7	71.6	95.4	27.9	41.9	55.9	72.7	109.1	130.0
144"	36"	63.8	95.7	127.6	88.4	130.0	130.0	130.0	130.0	130.0	72.9	109.3	130.0	42.7	64.0	85.3	111.1	130.0	130.0
144"	48"	47.8	71.8	95.7	66.3	99.5	130.0	101.8	130.0	130.0	54.7	82.0	109.3	32.0	48.0	64.0	83.3	125.0	130.0
144"	60"	38.3	57.4	76.5	53.1	79.6	106.1	81.5	112.0	120.5	43.7	65.6	87.5	25.6	38.4	51.2	66.7	100.0	130.0

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

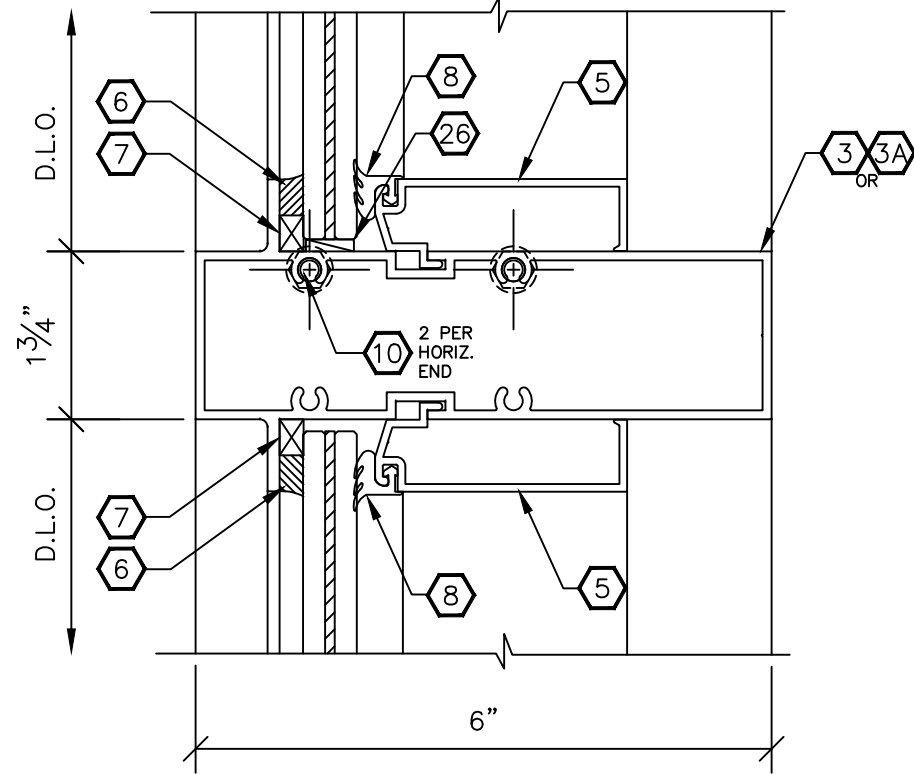
WOOD BUCKS AND METAL STRUCTURE NOT BY PGC. WOOD BUCKS MUST BE PROPERLY ATTACHED TO SUBSTRATE, TO TRANSFER LOADS IMPOSED BY GLAZING SYSTEM TO THE BUILDING STRUCTURE.



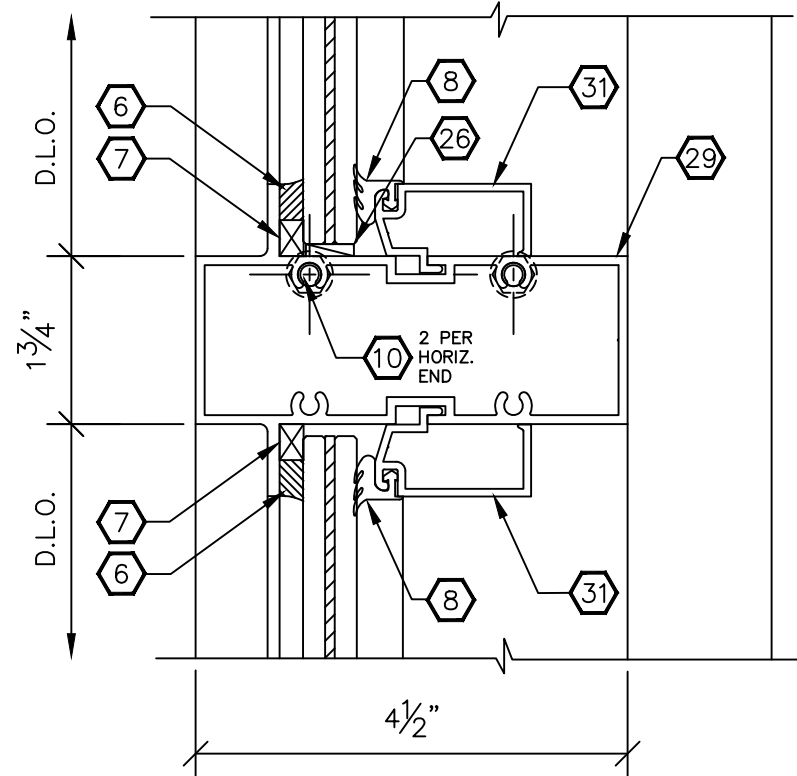
SCALE:	REVISIONS:	
	12/01/23	02/23/24
DRAWN BY:	N.T.S.	
	FLG	
DATE: 10/30/2018		

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

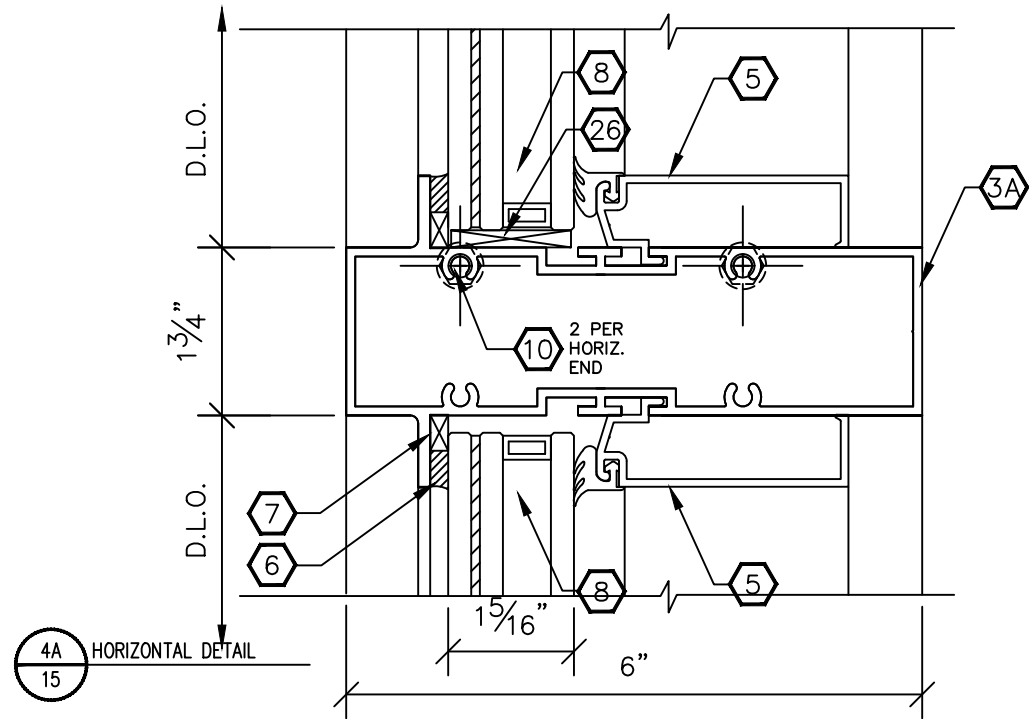
DRAWING TITLE: PGC-6000 LARGE & SMALL MISSILE IMPACT RESISTANT SYSTEM	DWG. # 6000 - LMI & SMI	PAGE NO. 14/21



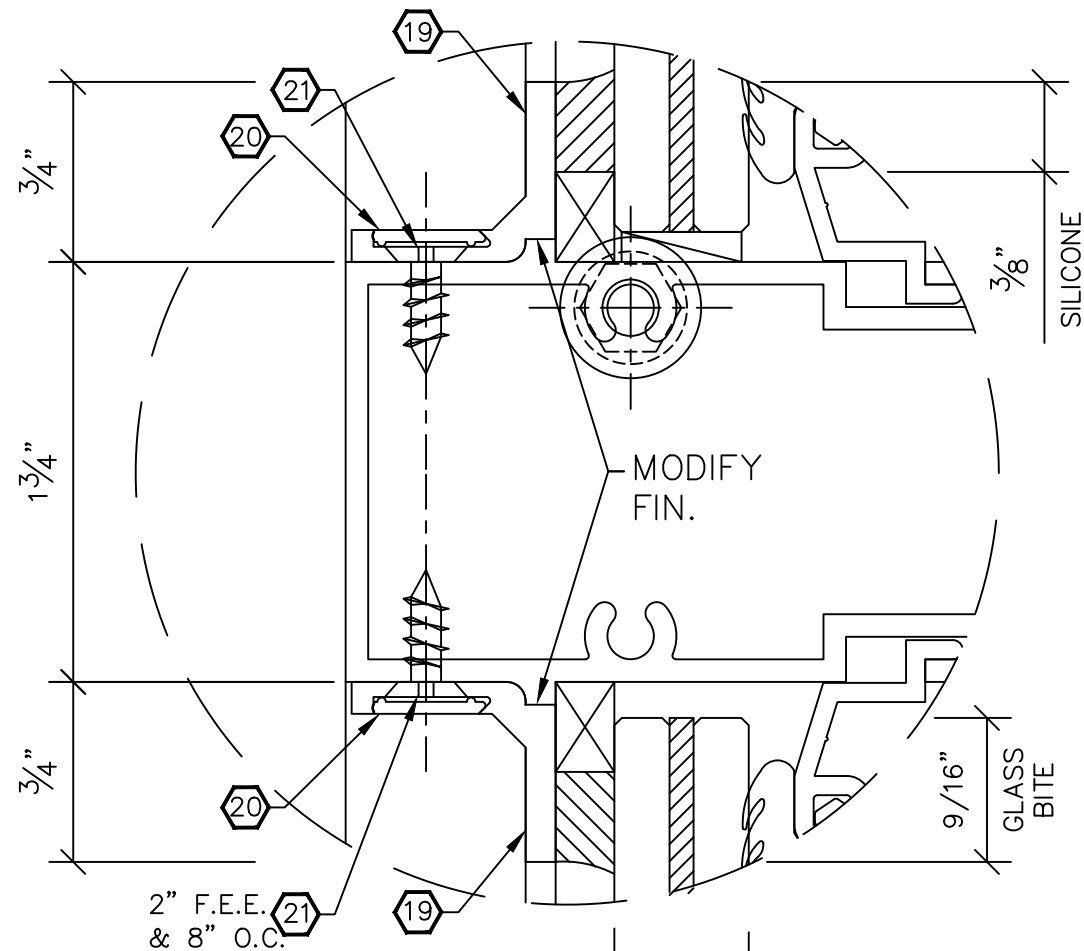
4 HORIZONTAL DETAIL
15



4B OPTIONAL HORIZONTAL DETAIL
15

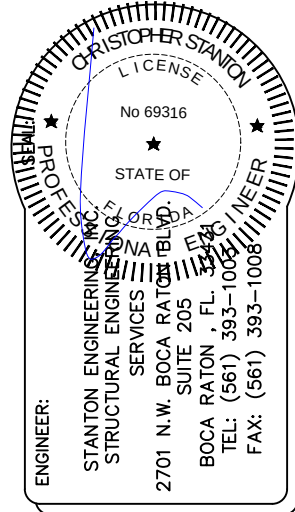


4A HORIZONTAL DETAIL
15



ALTERNATE GLAZING DETAIL
FOR HEAD, HORIZONTAL, SILL,
VERTICAL, AND JAMB.

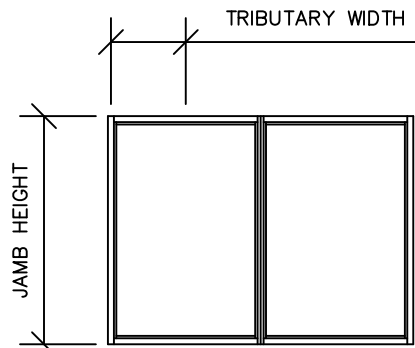
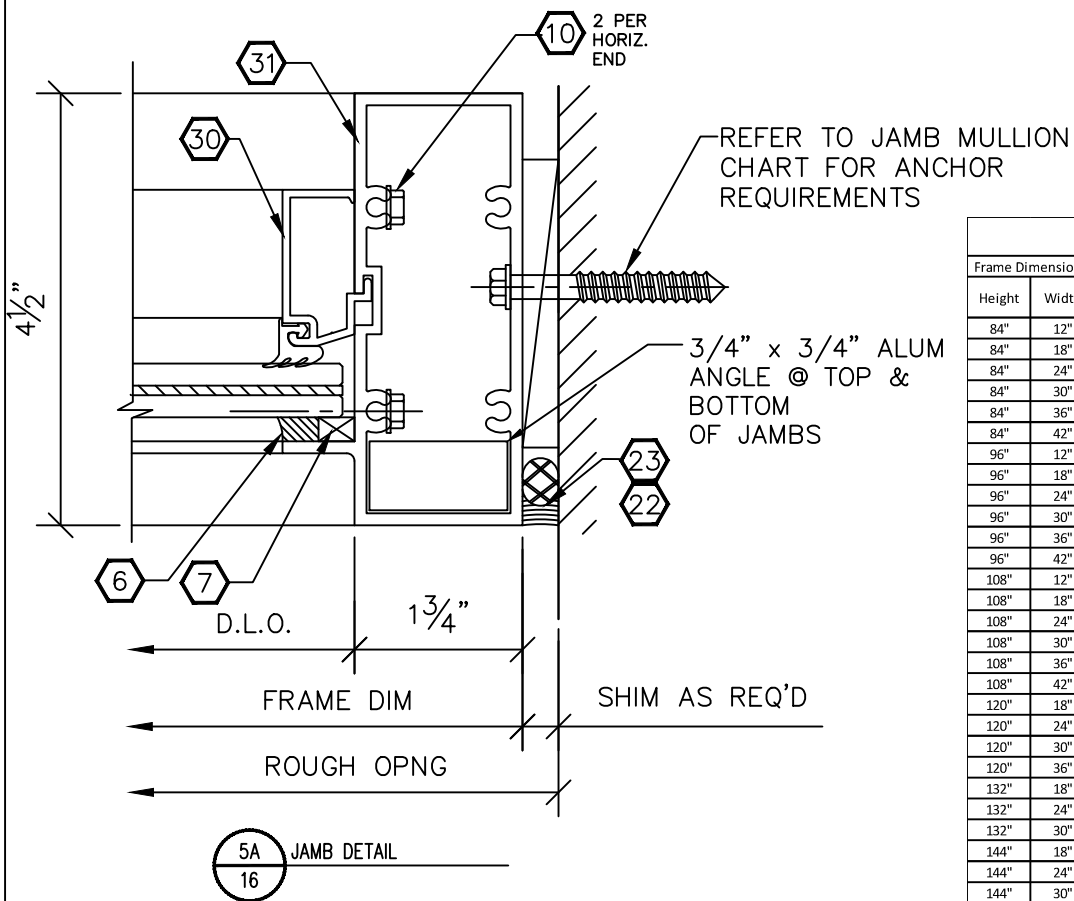
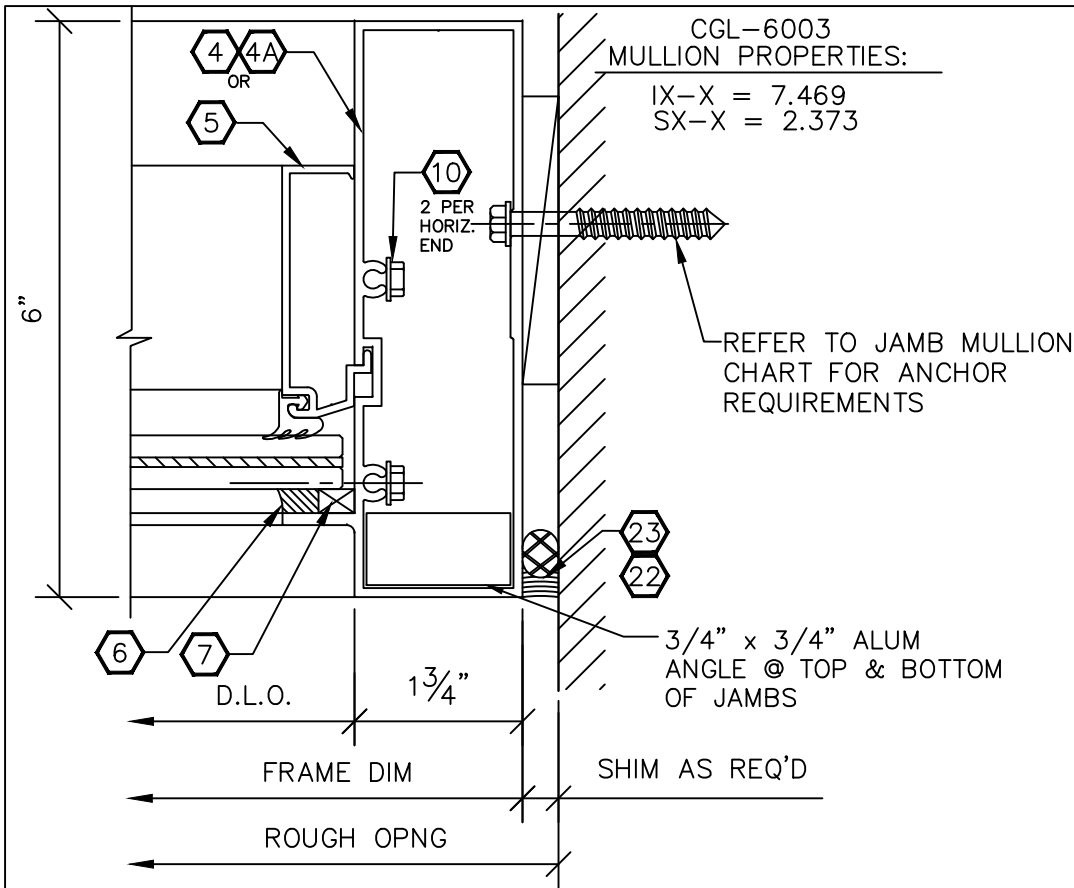
SEE
GLASS
TYPES



SCALE: N.T.S.	REVISIONS: 12/01/23 02/23/24
	DRAWN BY: FLG
DATE: 10/30/2018	

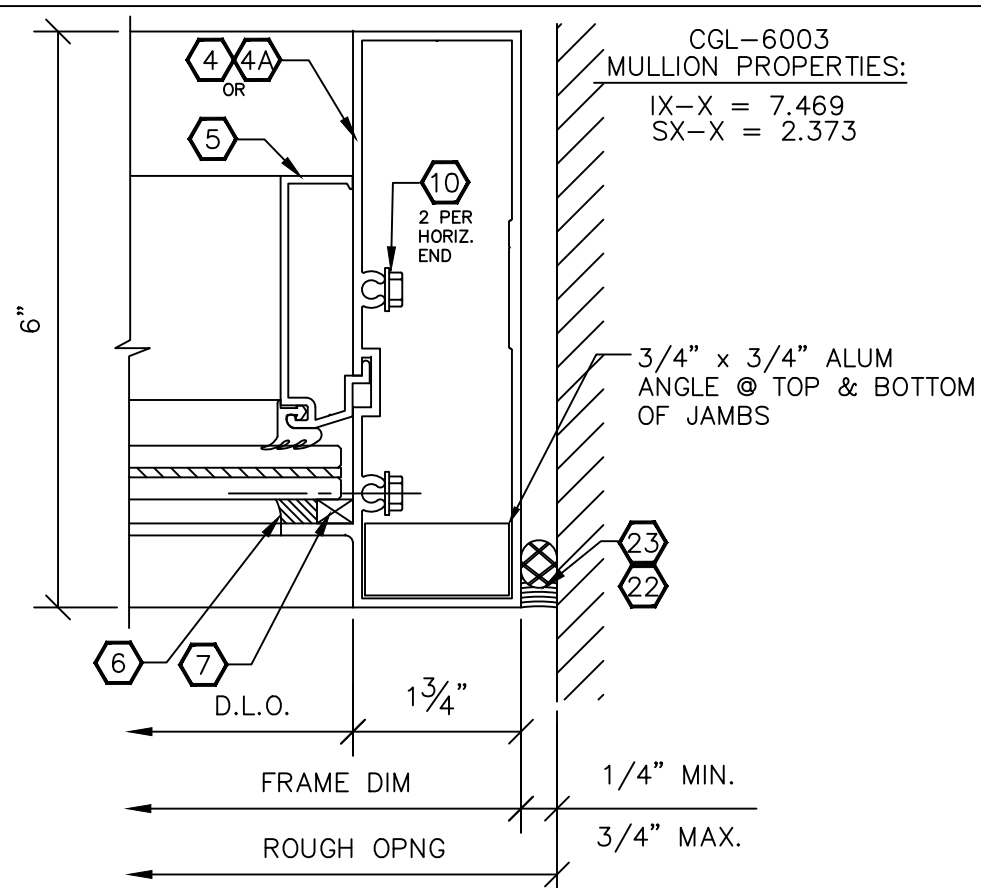
PERSPECTIVE GLASS COMPANY
Glazing Contractors
750 SW 14TH AVENUE
POMPAHO BEACH, FL 33069
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FAX (954) 971-6614

DRAWING TITLE: PGC-6000 LARGE & SMALL MISSILE IMPACT RESISTANT SYSTEM	DWG. # 6000 - LMI & SMI	PAGE NO. 15/21
PAGE TITLE:		

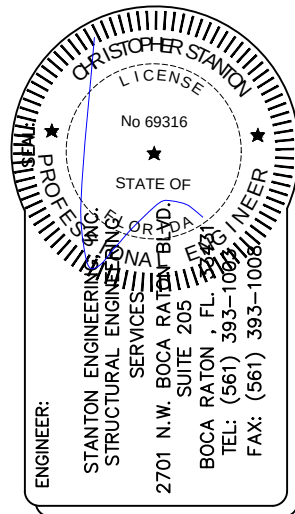


NOTE: SEALANT AT JAMB GAPS SHALL
BE DESIGNED TO MEET PROJECT
SPECIFIC DESIGN CRITERIA BASED ON
MANUF. TECHNICAL DATA/
RECOMMENDATIONS.

Jamb Mullion Chart- Details 5 & 5A with Anchors																			
Frame Dimensions		Allowable Design Pressures (PSF)																	
Height	Width	(2) Type A	(3) Type A	(4) Type A	(2) Type B	(3) Type B	(4) Type B	(2) Type B1	(3) Type B1	(4) Type B1	(2) Type C	(3) Type C	(4) Type C	(2) Type C1	(3) Type C1	(4) Type C1	(2) Type D	(3) Type D	(4) Type D
84"	12"	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	109.7	130.0	130.0	130.0	130.0	130.0
84"	18"	109.3	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	125.0	130.0	130.0	73.1	109.7	130.0	130.0	130.0	130.0
84"	24"	82.0	123.0	130.0	113.7	130.0	130.0	130.0	130.0	130.0	93.7	130.0	130.0	54.9	82.3	109.7	130.0	130.0	130.0
84"	30"	65.6	98.4	130.0	91.0	130.0	130.0	128.0	130.0	130.0	75.0	112.5	130.0	43.9	65.8	87.8	114.3	130.0	130.0
84"	36"	54.7	82.0	109.3	75.8	113.7	130.0	106.7	130.0	130.0	62.5	93.7	125.0	36.6	54.9	73.1	95.2	130.0	130.0
84"	42"	46.9	70.3	93.7	65.0	97.5	130.0	91.4	130.0	130.0	53.6	80.3	107.1	31.3	47.0	62.7	81.6	122.4	130.0
96"	12"	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	96.0	130.0	130.0	130.0	130.0	130.0
96"	18"	95.7	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	109.3	130.0	130.0	64.0	96.0	128.0	130.0	130.0	130.0
96"	24"	71.8	107.6	130.0	99.5	130.0	130.0	130.0	130.0	130.0	82.0	123.0	130.0	48.0	72.0	96.0	125.0	130.0	130.0
96"	30"	57.4	86.1	114.8	79.6	119.4	130.0	112.0	130.0	130.0	65.6	98.4	130.0	38.4	57.6	76.8	100.0	130.0	130.0
96"	36"	47.8	71.8	95.7	66.3	99.5	130.0	93.3	130.0	130.0	54.7	82.6	109.3	32.0	48.0	64.0	83.3	125.0	130.0
96"	42"	41.0	61.5	82.0	56.9	85.3	113.7	80.0	120.0	130.0	46.9	70.3	93.7	27.4	41.1	54.9	71.4	107.1	130.0
108"	12"	127.6	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	85.3	128.0	130.0	130.0	130.0	130.0
108"	18"	85.0	127.6	130.0	117.9	130.0	130.0	130.0	130.0	130.0	97.2	130.0	130.0	56.9	85.3	113.8	130.0	130.0	130.0
108"	24"	63.8	95.7	127.6	88.4	130.0	130.0	124.4	130.0	130.0	72.9	109.3	130.0	42.7	64.0	85.3	111.1	130.0	130.0
108"	30"	51.0	76.5	102.0	70.8	106.1	130.0	99.6	130.0	130.0	58.3	87.5	116.6	34.1	51.2	68.3	88.9	130.0	130.0
108"	36"	42.5	63.8	85.0	59.0	88.4	117.9	83.0	124.4	130.0	48.6	72.9	97.2	28.4	42.7	56.9	74.1	111.1	130.0
108"	42"	36.4	54.7	72.9	50.5	75.8	101.1	71.1	106.7	130.0	41.7	62.5	83.3	24.4	36.6	48.8	63.5	95.2	127.0
120"	18"	76.5	114.8	130.0	106.1	130.0	130.0	130.0	130.0	130.0	87.5	130.0	130.0	51.2	76.8	102.4	130.0	130.0	130.0
120"	24"	57.4	86.1	114.8	79.6	119.4	130.0	112.0	130.0	130.0	65.6	98.4	130.0	38.4	57.6	76.8	100.0	130.0	130.0
120"	30"	45.9	68.9	91.8	63.7	95.5	127.4	89.6	130.0	130.0	52.5	78.7	105.0	30.7	46.1	61.4	80.0	120.0	130.0
120"	36"	38.3	57.4	76.5	53.1	79.6	106.1	74.7	112.0	130.0	43.7	65.6	87.5	25.6	38.4	51.2	66.7	100.0	130.0
132"	18"	63.8	104.4	127.6	96.5	130.0	130.0	130.0	130.0	130.0	79.5	119.3	130.0	46.5	69.8	93.1	121.2	130.0	130.0
132"	24"	47.8	78.3	95.7	72.4	108.5	130.0	101.8	130.0	130.0	59.6	89.5	119.3	34.9	52.4	69.8	90.9	130.0	130.0
132"	30"	38.3	62.6	76.5	57.9	86.8	115.8	81.5	122.2	130.0	47.7	71.6	95.4	27.9	41.9	55.9	72.7	109.1	130.0
144"	18"	69.6	95.7	130.0	88.4	130.0	130.0	124.4	130.0	130.0	72.9	109.3	130.0	42.7	64.0	85.3	111.1	130.0	130.0
144"	24"	52.2	71.8	104.4	66.3	99.5	130.0	93.3	130.0	130.0	54.7	82.0	109.3	32.0	48.0	64.0	83.3	125.0	130.0
144"	30"	41.7	57.4	83.5	53.1	79.5	106.1	74.7	112.0	130.0	43.7	65.6	87.5	25.6	38.4	51.2	66.7	100.0	130.0



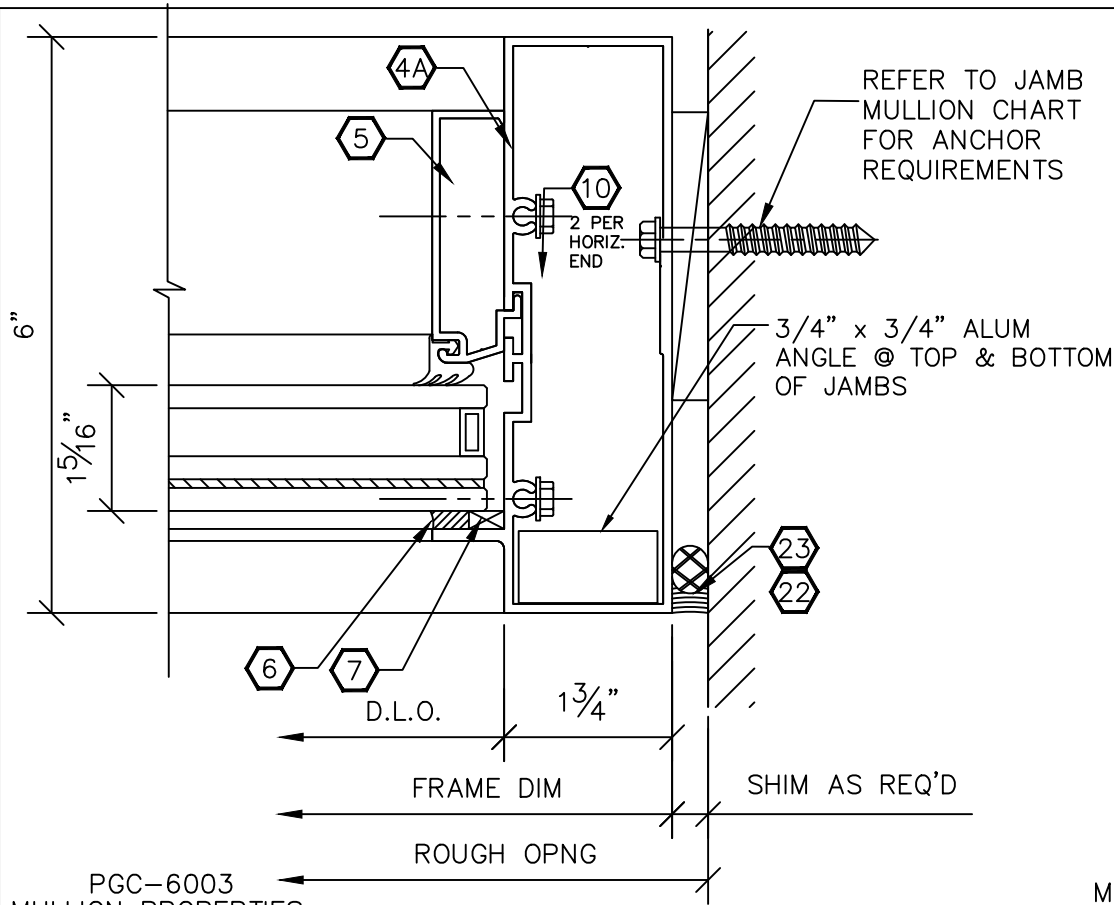
Jamb Mullion Chart- Detail 5B No Anchors			
Frame Dimensions		Allowable Design Pressures	
Height	Width	+	-
0-108"	30"	90	105
120"	24"	90	105
120"	30"	87	87



REVISIONS:	
12/01/23	02/23/24
SCALE: N.T.S.	DRAWN BY: FLG
DATE: 10/30/2018	



DRAWING TITLE: PGC-6000 LARGE & SMALL MISSILE IMPACT RESISTANT SYSTEM	DWG. # 6000 - LMI & SMI	PAGE NO. 16/21
PAGE TITLE:		



PGC-6003
MULLION PROPERTIES:

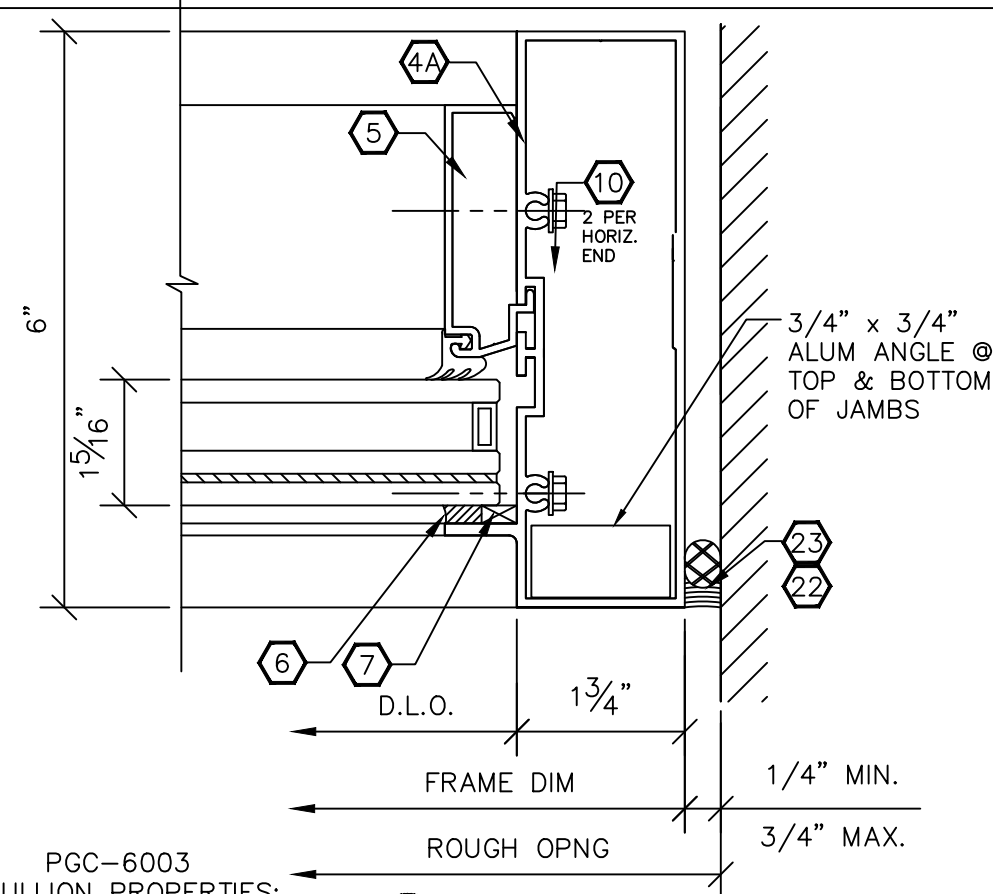
IX-X = 7.636
SX-X = 2.451

5
17 JAMB DETAIL

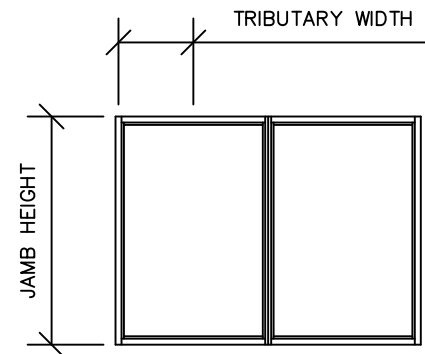
PGC-6003
MULLION PROPERTIES:

IX-X = 7.636
SX-X = 2.451

5B
17 JAMB DETAIL
(NO FASTENERS)

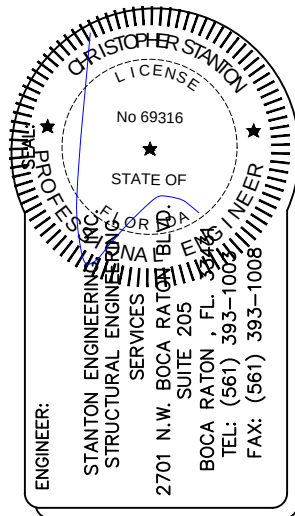


Jamb Mullion Chart- Detail 5B No Anchors			
Frame Dimensions		Allowable Design Pressures	
Height	Width	+	-
0-108"	30"	90	105
120"	24"	90	105
120"	30"	87	87



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

Jamb Mullion Chart- Details 5 with Anchors																	
Frame Dimensions		Allowable Design Pressures (PSF)															
Height	Width	(2) Type A	(3) Type A	(4) Type A	(2) Type B	(3) Type B	(4) Type B	(2) Type B1	(3) Type B1	(4) Type B1	(2) Type C	(3) Type C	(4) Type C	(2) Type C1	(3) Type C1	(4) Type C1	(2) Type D
84"	12"	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	109.7	130.0	130.0	130.0
84"	18"	109.3	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	125.0	130.0	130.0	73.1	109.7	130.0	130.0
84"	24"	82.0	123.0	130.0	113.7	130.0	130.0	130.0	130.0	130.0	93.7	130.0	130.0	54.9	82.3	109.7	130.0
84"	30"	65.6	98.4	130.0	91.0	130.0	130.0	128.0	130.0	130.0	75.0	112.5	130.0	43.9	65.8	87.8	114.3
84"	36"	54.7	82.0	109.3	75.8	113.7	130.0	106.7	130.0	130.0	62.5	93.7	125.0	36.6	54.9	73.1	95.2
84"	42"	46.9	70.3	93.7	65.0	97.5	130.0	91.4	130.0	130.0	53.6	80.3	107.1	31.3	47.0	62.7	81.6
96"	12"	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	96.0	130.0	130.0	130.0
96"	18"	95.7	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	109.3	130.0	130.0	64.0	96.0	128.0	130.0
96"	24"	71.8	107.6	130.0	99.5	130.0	130.0	130.0	130.0	130.0	82.0	123.0	130.0	48.0	72.0	96.0	125.0
96"	30"	57.4	86.1	114.8	79.6	119.4	130.0	112.0	130.0	130.0	65.6	98.4	130.0	38.4	57.6	76.8	100.0
96"	36"	47.8	71.8	95.7	66.3	99.5	130.0	93.3	130.0	130.0	54.7	82.6	109.3	32.0	48.0	64.0	83.3
96"	42"	41.0	61.5	82.0	56.9	85.3	113.7	80.0	120.0	130.0	46.9	70.3	93.7	27.4	41.1	54.9	71.4
108"	12"	127.6	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	85.3	128.0	130.0	130.0
108"	18"	85.0	127.6	130.0	117.9	130.0	130.0	130.0	130.0	130.0	97.2	130.0	130.0	56.9	85.3	113.8	130.0
108"	24"	63.8	95.7	127.6	88.4	130.0	130.0	124.4	130.0	130.0	72.9	109.3	130.0	42.7	64.0	85.3	111.1
108"	30"	51.0	76.5	102.0	70.8	106.1	130.0	99.6	130.0	130.0	58.3	87.5	116.6	34.1	51.2	68.3	88.9
108"	36"	42.5	63.8	85.0	59.0	88.4	117.9	83.0	124.4	130.0	48.6	72.9	97.2	28.4	42.7	56.9	74.1
108"	42"	36.4	54.7	72.9	50.5	75.8	101.1	71.1	106.7	130.0	41.7	62.5	83.3	24.4	36.6	48.8	63.5
120"	18"	76.5	114.8	130.0	106.1	130.0	130.0	130.0	130.0	130.0	87.5	130.0	130.0	51.2	76.8	102.4	130.0
120"	24"	57.4	86.1	114.8	79.6	119.4	130.0	112.0	130.0	130.0	65.6	98.4	130.0	38.4	57.6	76.8	100.0
120"	30"	45.9	68.9	91.8	63.7	95.5	127.4	89.6	130.0	130.0	52.5	78.7	105.0	30.7	46.1	61.4	80.0
120"	36"	38.3	57.4	76.5	53.1	79.6	106.1	74.7	112.0	130.0	43.7	65.6	87.5	25.6	38.4	51.2	66.7
132"	18"	63.8	104.4	127.6	96.5	130.0	130.0	130.0	130.0	130.0	79.5	119.3	130.0	46.5	69.8	93.1	121.2
132"	24"	47.8	78.3	95.7	72.4	108.5	130.0	101.8	130.0	130.0	59.6	89.5	119.3	34.9	52.4	69.8	90.9
132"	30"	38.3	62.6	76.5	57.9	86.8	115.8	81.5	122.2	130.0	47.7	71.6	95.4	27.9	41.9	55.9	72.7
144"	18"	69.6	95.7	130.0	88.4	130.0	130.0	124.4	130.0	130.0	72.9	109.3	130.0	42.7	64.0	85.3	111.1
144"	24"	52.2	71.8	104.4	66.3	99.5	130.0	93.3	130.0	130.0	54.7	82.0	109.3	32.0	48.0	64.0	83.3
144"	30"	41.7	57.4	83.5	53.1	79.5	106.1	74.7	112.0	130.0	43.7	65.6	87.5	25.6	38.4	51.2	66.7

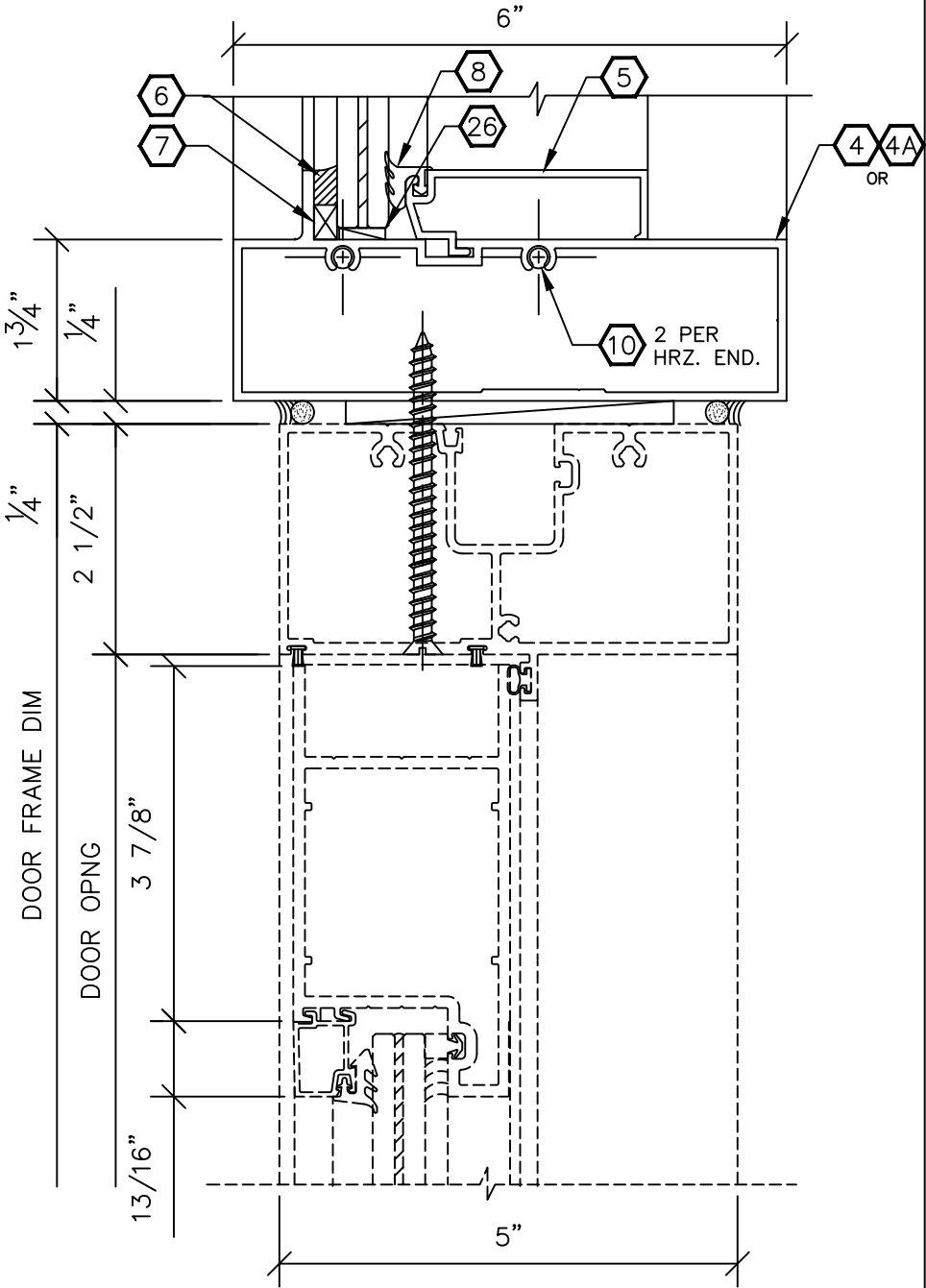
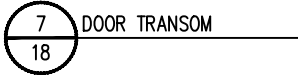
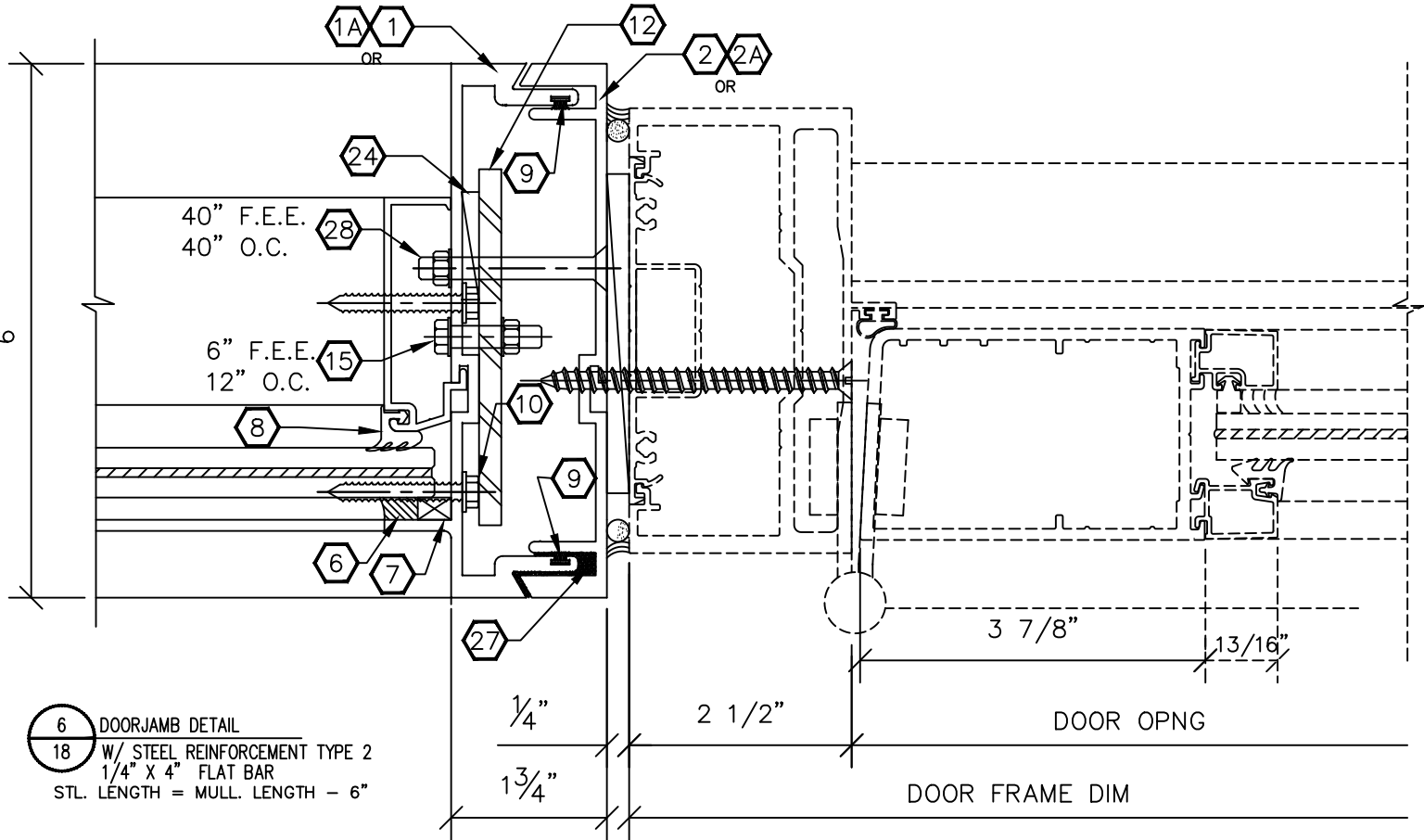


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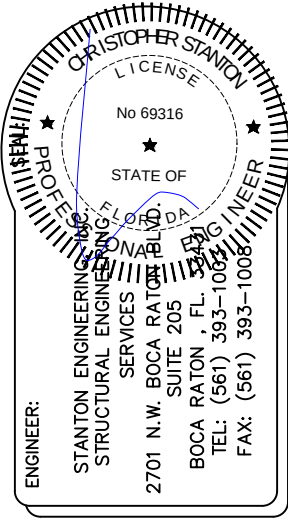


DRAWING TITLE: PGC-6000 LARGE & SMALL MISSILE IMPACT RESISTANT SYSTEM	DWG. # 6000 - LMI & SMI	PAGE NO. 17/21
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MATERIALS				
ITEM NO.	PART NO.	DESCRIPTION	MATERIAL	MFGR./SUPPLIER/REMARKS
(1)	CGL-6000	MALE MULLION	6063-T6	PERSPECTIVE GLASS
(1A)	PGC-6000	MALE MULLION	6063-T6	PERSPECTIVE GLASS
(2)	CGL-6001	FEMALE MULLION	6063-T6	PERSPECTIVE GLASS
(2A)	PGC-6001	FEMALE MULLION	6063-T6	PERSPECTIVE GLASS
(3)	CGL-6002	HORIZONTAL	6063-T6	PERSPECTIVE GLASS
(3A)	PGC-6002	HORIZONTAL	6063-T6	PERSPECTIVE GLASS
(4)	CGL-6003	PERIMETER HEAD, SILL & JAMB	6063-T6	PERSPECTIVE GLASS
(4A)	PGC-6003	PERIMETER HEAD, SILL & JAMB	6063-T6	PERSPECTIVE GLASS
(5)	PGC-6004	GLAZING STOP	6063-T6	PERSPECTIVE GLASS
(6)	DC-995	STRUCTURAL SEALANT	SILICONE	DOW CORNING
(6)	PROGLAZE	STRUCTURAL SEALANT	SILICONE	TREMCO
(6)	SPECTUM II	STRUCTURAL SEALANT	SILICONE	TREMCO
(7)	TAPE	1/2"x3/8" FOAM TAPE (ADHESIVE ONE SIDE)		H.O. PRODUCTS
(8)	PR-116	EXTRUDED GASKET	VINYL	GLAZING RUBBER PRODUCTS
(9)	HI-FIN	7900 SERIES	PILE	SCHLEGEL
(10)	FASTENER	#12x1 1/2" HHW SMS (1 1/2" IN SPLINE)		I.S.C.
(11)	TYPE 1	1/8"x4" FLAT BAR	A529 OR A572 GR.50	W/ SHOP PRIMER
(12)	TYPE 2	1/2"x4" FLAT BAR	A529 OR A572 GR.50	W/ SHOP PRIMER
(13)	TYPE 3	1/2"x4" FLAT BAR	A529 OR A572 GR.50	W/ SHOP PRIMER
(14)	TYPE 4	3/8"x5" FLAT BAR	A529 OR A572 GR.50	W/ SHOP PRIMER
(15)	FASTENER	1/4"-20X1 1/2" HD MS	SAE GR. 2	
(15)	FASTENER	1/4"-20X1 1/2" HD MS	SAE GR. 2	
(18)		1/2" DIA. HEX NUT	SAE GR. 2	
(19)	CGL-4505	3/8" APPLIED SPANDREL ADAPTOR	6063-T6	PERSPECTIVE GLASS
(20)	CGL-4506	APPLIED COVER	6063-T6	PERSPECTIVE GLASS
(21)	FASTENER	#10X3/8" FH SMS (UNDER CUT)	SAE GR. 2	
(22)	SEALANT	WEATHER SEAL	SIKAFLEX1A	SIKA (OR EQUAL)
(23)		BACKER ROD OPEN CELL	POLYETHYLENE	TUNDRA
(24)	SHIM	SHIM	PLASTIC	
(25)	SM5504	NARROW JOINT SEALANT	ACRYL-P	SCHNEE-MOOREHEAD
(26)	SET BLK	3/8"x1/2"x4" LONG SETTING BLOCK	EPDM	AT 1/4" POINTS
(27)	SEALANT	SIKAFLEX1A	CAULK	SIKA (OR EQUAL)
(28)	FASTENER	1/2"-20X2" FH MACHINE SCREW	SAE GR. 2	I.S.C.
(29)	CGL-4502	4 1/2" HORIZONTAL	6063-T6	PERSPECTIVE GLASS
(30)	CGL-4503	4 1/2" HEAD/SILL/JAMB	6063-T6	PERSPECTIVE GLASS
(31)	CGL-4504	4 1/2" GLAZING STOP	6063-T6	PERSPECTIVE GLASS



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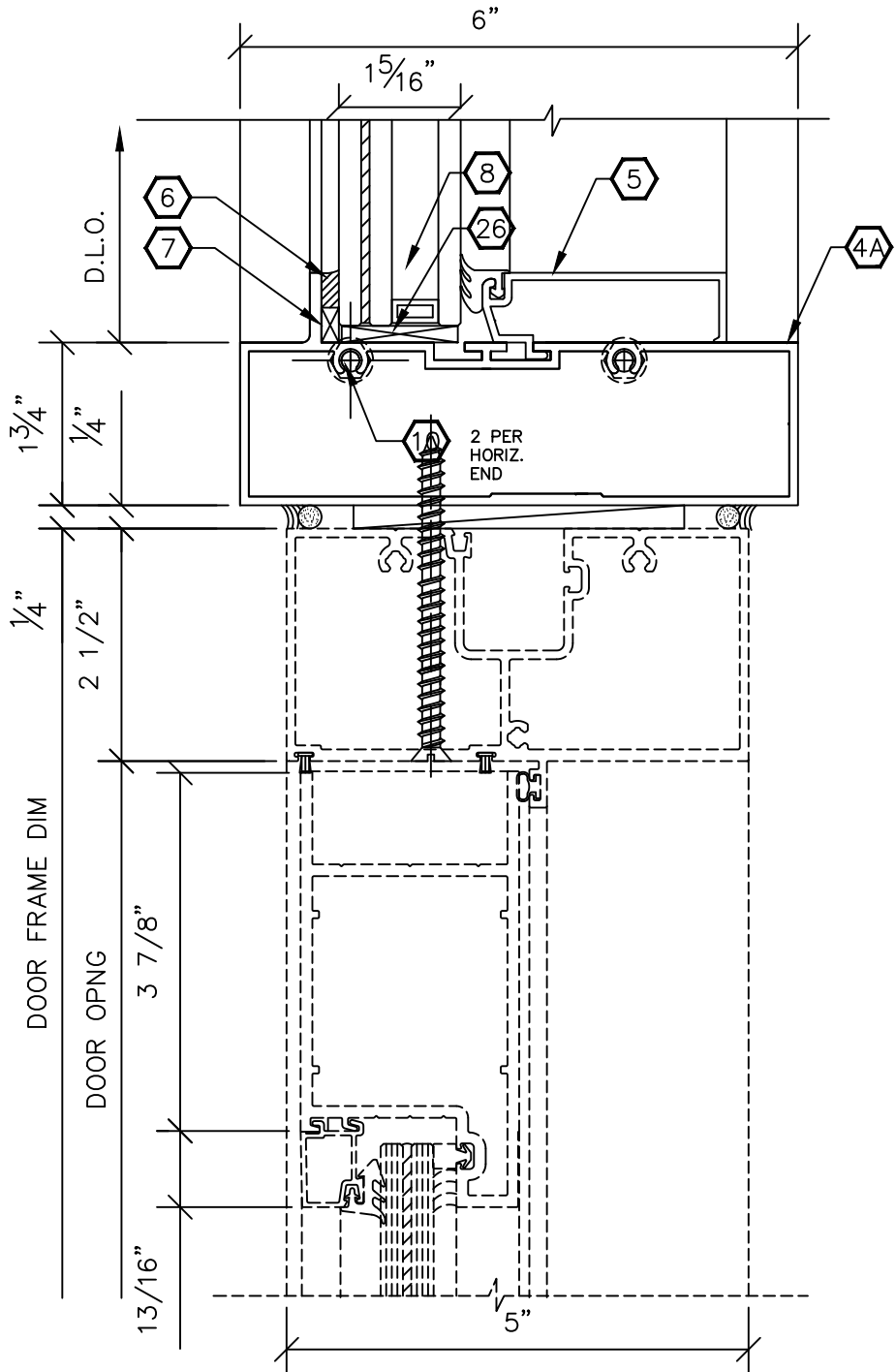
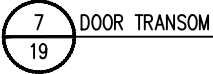
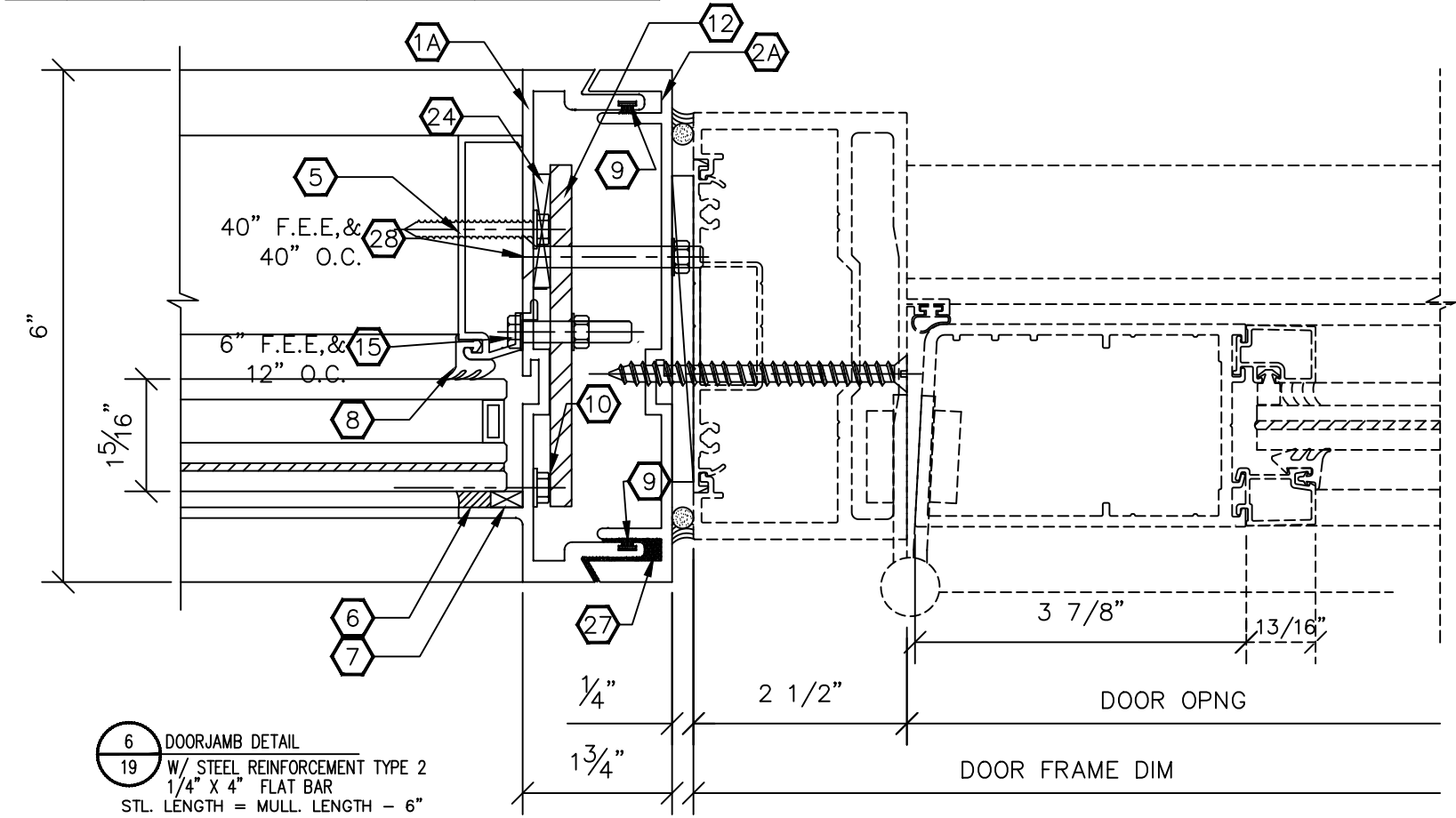


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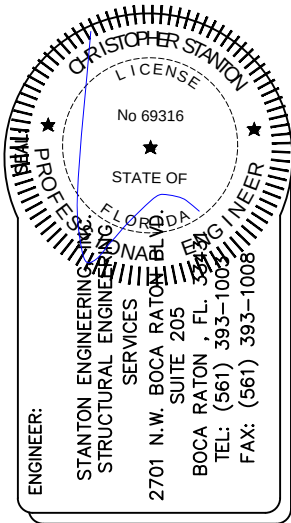
PERSPECTIVE GLASS COMPANY
Glazing Contractors
750 SW 14TH AVENUE
POMPANO BEACH, FL 33069
PH. (954) 773-9714
FAX (954) 971-6614

DRAWING TITLE: PGC-6000 LARGE & SMALL MISSILE IMPACT RESISTANT SYSTEM	DWG. # 6000 - LMI & SMI	PAGE NO. 18/21
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MATERIALS				
ITEM NO.	PART NO.	DESCRIPTION	MATERIAL	MFGR./SUPPLIER/REMARKS
(1)	CGL-6000	MALE MULLION	6063-T6	PERSPECTIVE GLASS
(1A)	PGC-6000	MALE MULLION	6063-T6	PERSPECTIVE GLASS
(2)	CGL-6001	FEMALE MULLION	6063-T6	PERSPECTIVE GLASS
(2A)	PGC-6001	FEMALE MULLION	6063-T6	PERSPECTIVE GLASS
(3)	CGL-6002	HORIZONTAL	6063-T6	PERSPECTIVE GLASS
(3A)	PGC-6002	HORIZONTAL	6063-T6	PERSPECTIVE GLASS
(4)	CGL-6003	PERIMETER HEAD, SILL & JAMB	6063-T6	PERSPECTIVE GLASS
(4A)	PGC-6003	PERIMETER HEAD, SILL & JAMB	6063-T6	PERSPECTIVE GLASS
(5)	PGC-6004	GLAZING STOP	6063-T6	PERSPECTIVE GLASS
(6)	DC-995	STRUCTURAL SEALANT	SILICONE	DOW CORNING
(6)	PROGLAZE	STRUCTURAL SEALANT	SILICONE	TREMCO
(6)	SPECTUM II	STRUCTURAL SEALANT	SILICONE	TREMCO
(7)	TAPE	1/2"X3/8" FOAM TAPE (ADHESIVE ONE SIDE)		H.O. PRODUCTS
(8)	PR-116	EXTRUDED GASKET	VINYL	GLAZING RUBBER PRODUCTS
(9)	HI-FIN	7900 SERIES	PILE	SCHLEGEL
(10)	FASTENER	#12X1 1/2" HWH SMS (1 1/2" IN SPLINE)		I.S.C.
(11)	TYPE 1	1/8"X4" FLAT BAR	A529 OR A572 GR.50	W/ SHOP PRIMER
(12)	TYPE 2	1/8"X4" FLAT BAR	A529 OR A572 GR.50	W/ SHOP PRIMER
(13)	TYPE 3	1/8"X4" FLAT BAR	A529 OR A572 GR.50	W/ SHOP PRIMER
(14)	TYPE 4	1/8"X5" FLAT BAR	A529 OR A572 GR.50	W/ SHOP PRIMER
(15)	FASTENER	1/4"-20X1 1/2" HD MS	SAE GR. 2	
(15)	FASTENER	1/4"-20X1 1/2" HD MS	SAE GR. 2	
(18)		1/2" DIA. HEX NUT	SAE GR. 2	
(19)	CGL-4505	1/2" APPLIED SPANDREL ADAPTOR	6063-T6	PERSPECTIVE GLASS
(20)	CGL-4506	APPLIED COVER	6063-T6	PERSPECTIVE GLASS
(21)	FASTENER	#10X3/8" FH SMS (UNDER CUT)	SAE GR. 2	
(22)	SEALANT	WEATHER SEAL	SIKAFLEX1A	SIKA (OR EQUAL)
(23)		BACKER ROD OPEN CELL	POLYETHYLENE	TUNDRA
(24)	SHIM	SHIM	PLASTIC	
(25)	SM5504	NARROW JOINT SEALANT	ACRYL-P	SCHNEE-MOOREHEAD
(26)	SET BLK	1/8"X1/2"X4" LONG SETTING BLOCK	EPDM	AT 1/4" POINTS
(27)	SEALANT	SIKAFLEX1A	CAULK	SIKA (OR EQUAL)
(28)	FASTENER	1/2"-20X2" FH MACHINE SCREW	SAE GR. 2	I.S.C.
(29)	CGL-4502	4 1/2" HORIZONTAL	6063-T6	PERSPECTIVE GLASS
(30)	CGL-4503	4 1/2" HEAD/SILL/JAMB	6063-T6	PERSPECTIVE GLASS
(31)	CGL-4504	4 1/2" GLAZING STOP	6063-T6	PERSPECTIVE GLASS



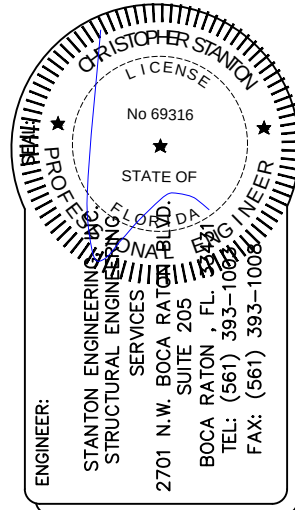
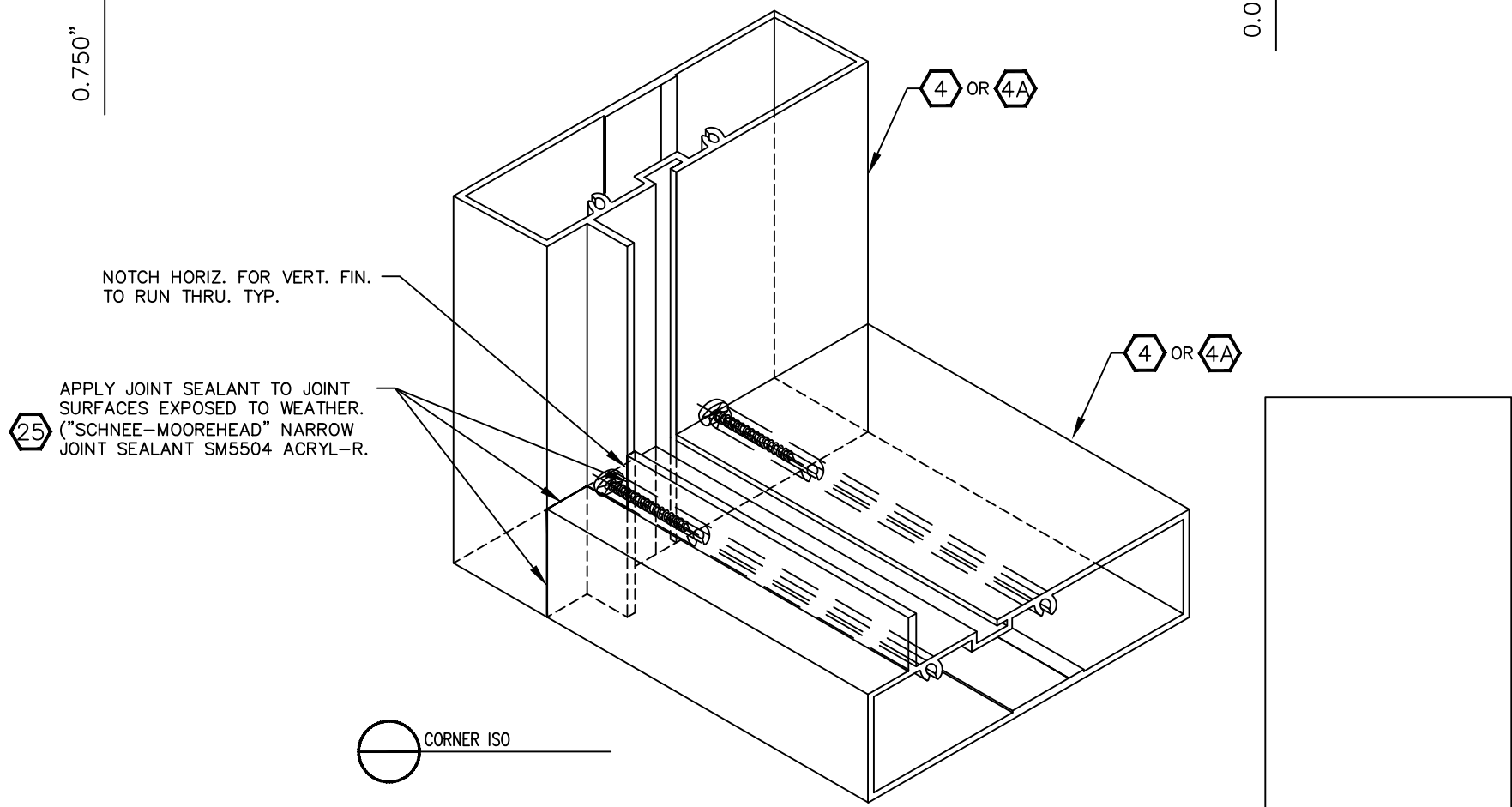
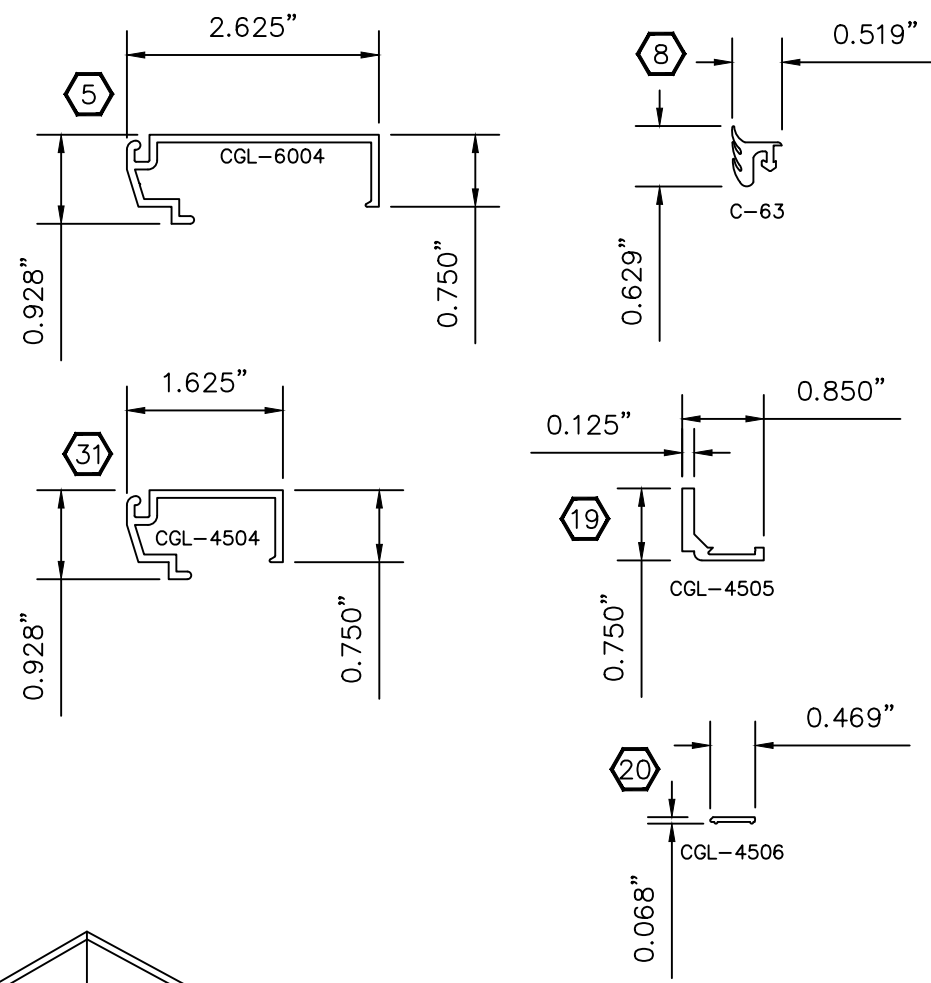
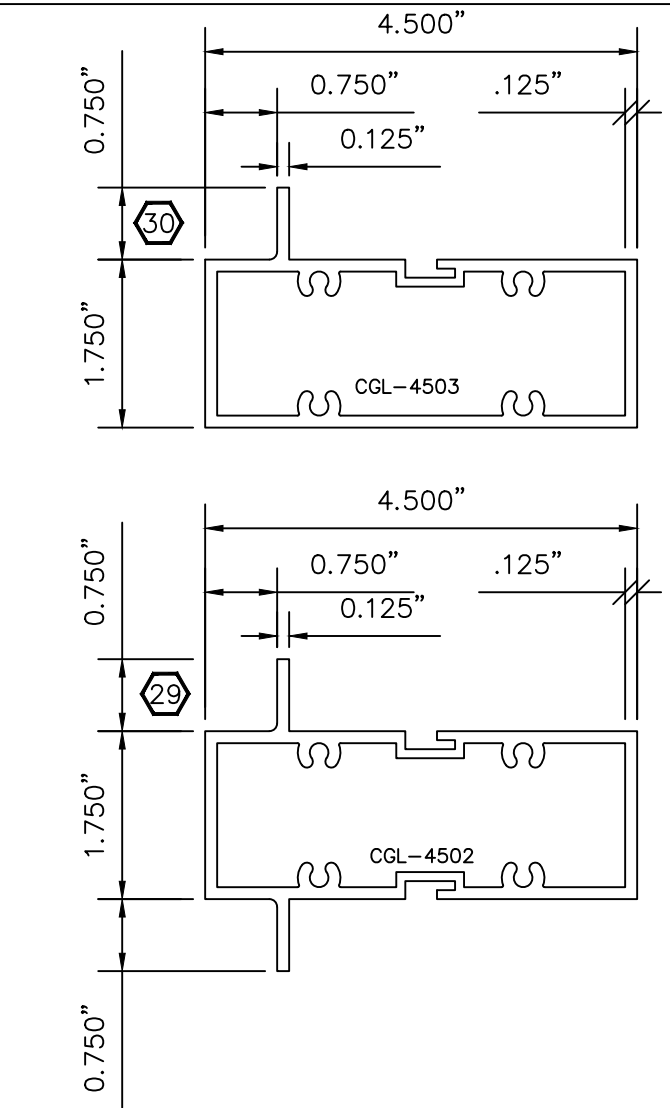
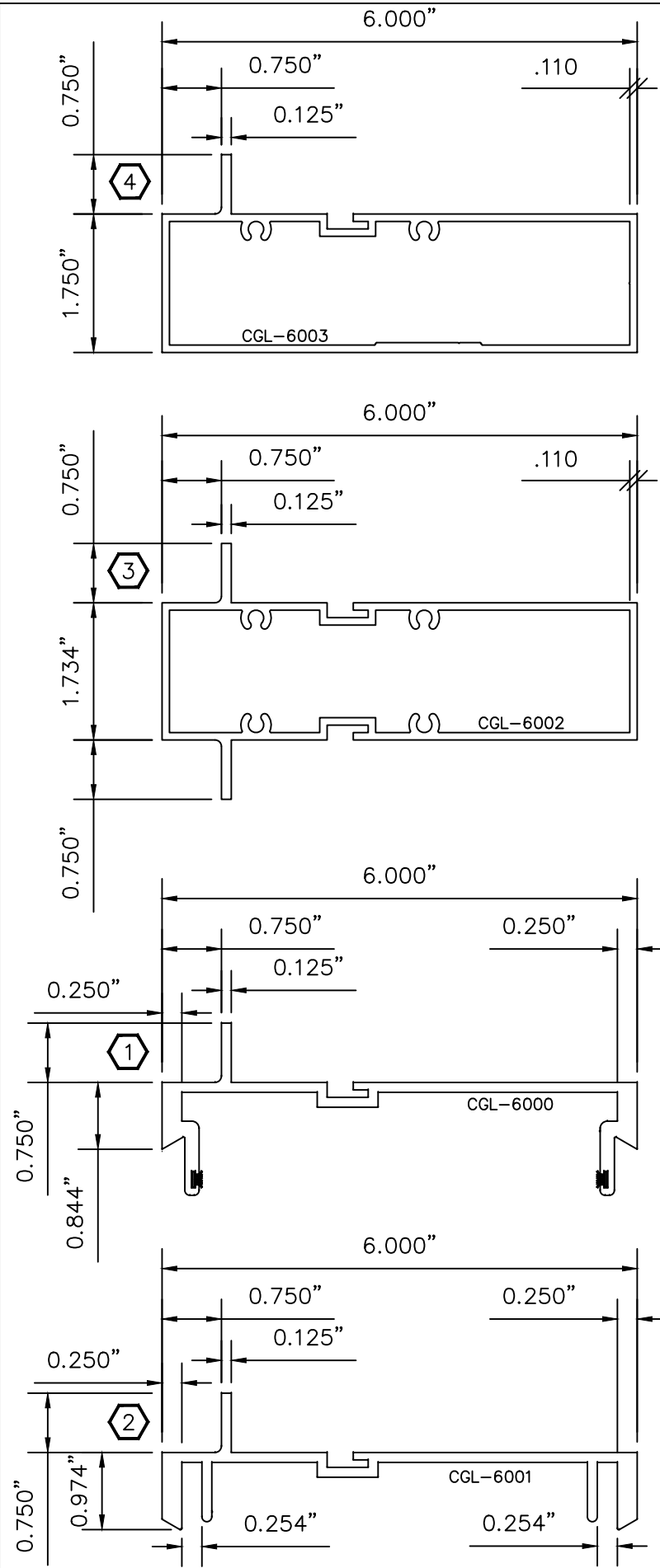
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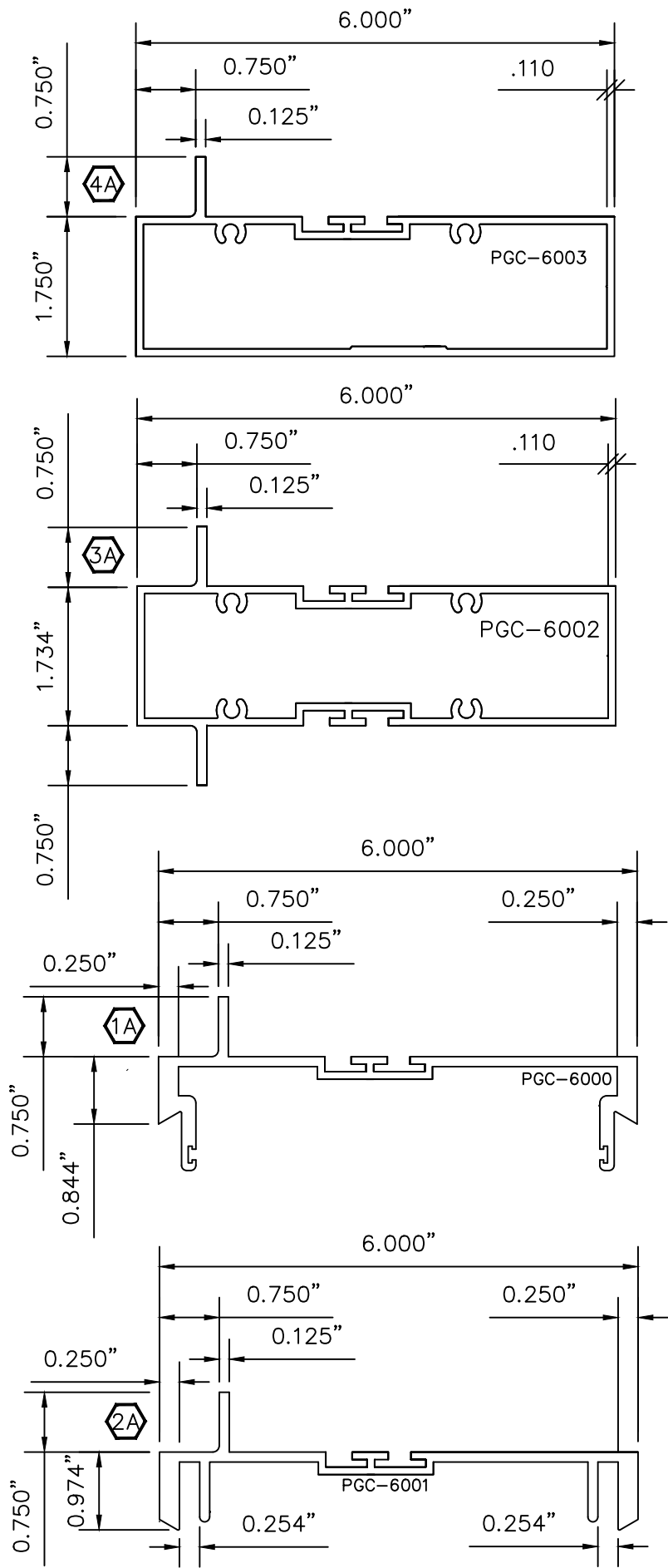
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DWG. # 6000 - LMI & SMI		
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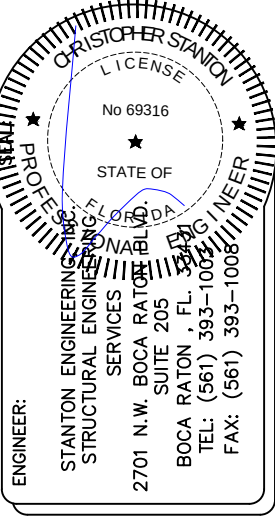
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	DWG. # 6000 - LMI & SMI	PAGE TITLE:



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