

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 6TH EDITION / 7TH EDITION FLORIDA BUILDING CODE (2017 / 2020) INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WINDOWS RATED FOR LARGE AND SMALL MISSILE IMPACT.
IMPACT SHUTTERS ARE NOT REQUIRED FOR ELEVATIONS ABOVE
30'-0" FROM GRADE(S.M.I.)
IMPACT SHUTTERS ARE NOT REQUIRED FOR ELEVATIONS BELOW
30'-0" FROM GRADE(L.M.I.)

ANCHORS SHALL BE LISTED, SPACED AS SHOWN IN DETAILS,
ANCHORS EMBEDMENT TO BASE MATERIAL
SHALL BE BEYOND WALL DRESSING OR STUCCO.

MATERIAL:
ALL ALUMINUM EXTRUSION TO BE 6005-T5 ALLOY, WITH A
MINIMUM F_y OF 35.000 P.S.I. U.O.N.

APPROVED STRUCTURAL SILICONE:
795 DOWSIL FOR PERIMETER SEALANT.
983 DOWSIL FOR GLAZING SEALANT.

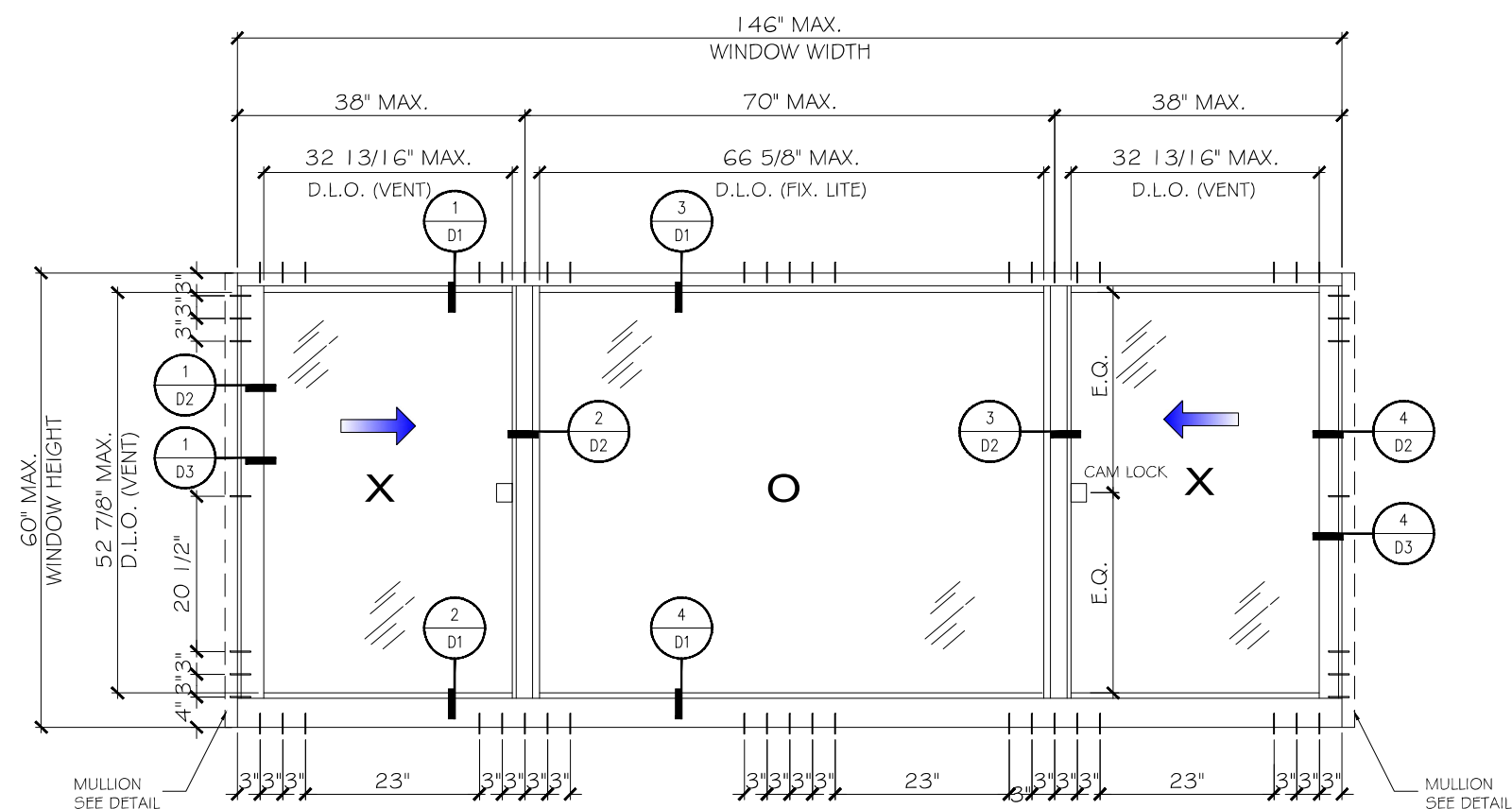
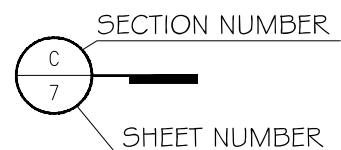
PERIMETER SEALANT DOWSIL 790 TYPICAL

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 6TH EDITION / 7TH EDITION FLORIDA BUILDING CODE (2017 / 2020).

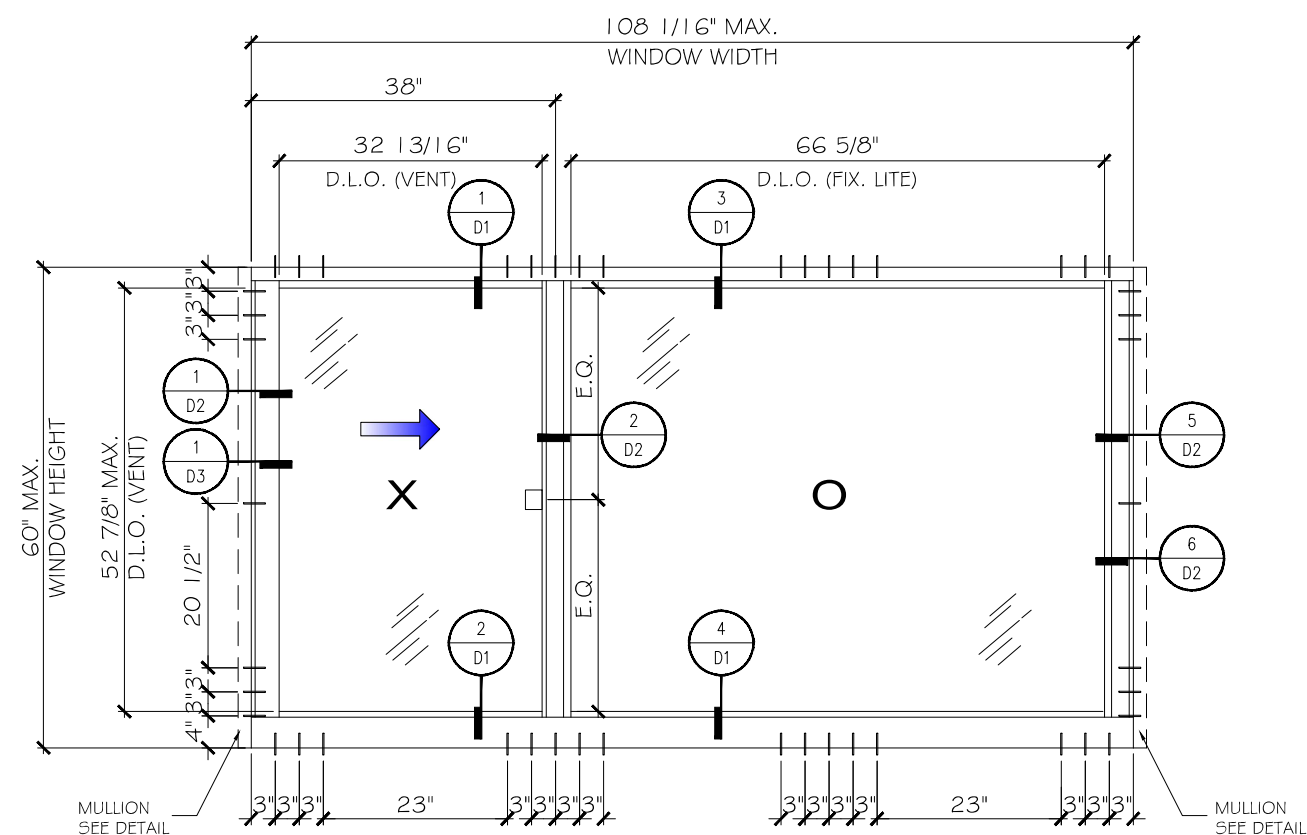
DESIGN LOAD CAPACITY		
POSITIVE	NEGATIVE	REINFORCING
≤ 110 PSF	≤ 110 PSF	3/8"X1"X 54 1/2" LG MAX. STEEL BAR
≤ 90 PSF	≤ 90 PSF	NONE

ABBREVIATIONS AND SYMBOLS

D.L.O. - DAYLITE OPENING
F.H. - FRAME HEIGHT
F.W. - FRAME WIDTH
W/ - WITH
W/O - WITHOUT
O.C. - ON CENTER

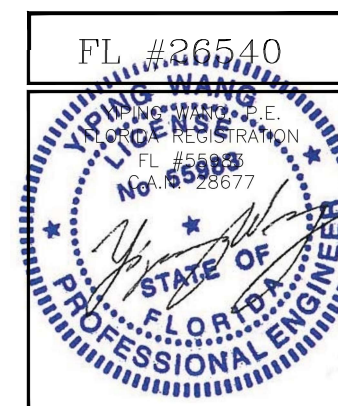


TYPICAL ELEVATION

$$XOX \left(\frac{1}{4} - \frac{1}{2} - \frac{1}{4} \right)$$


TYPICAL ELEVATION

XO.OX



October 19th, 2020

SERIES 6000 ROLLING WINDOW - LMI & SMI
CONTINENTAL GLASS SYSTEMS, LLC

MCY ENGINEERING, INC.
GLAZING CONSULTANTS

2781 MIRAMAR PKWY.STE.301 P: 305.271.0117
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www.MCYEngineering.com

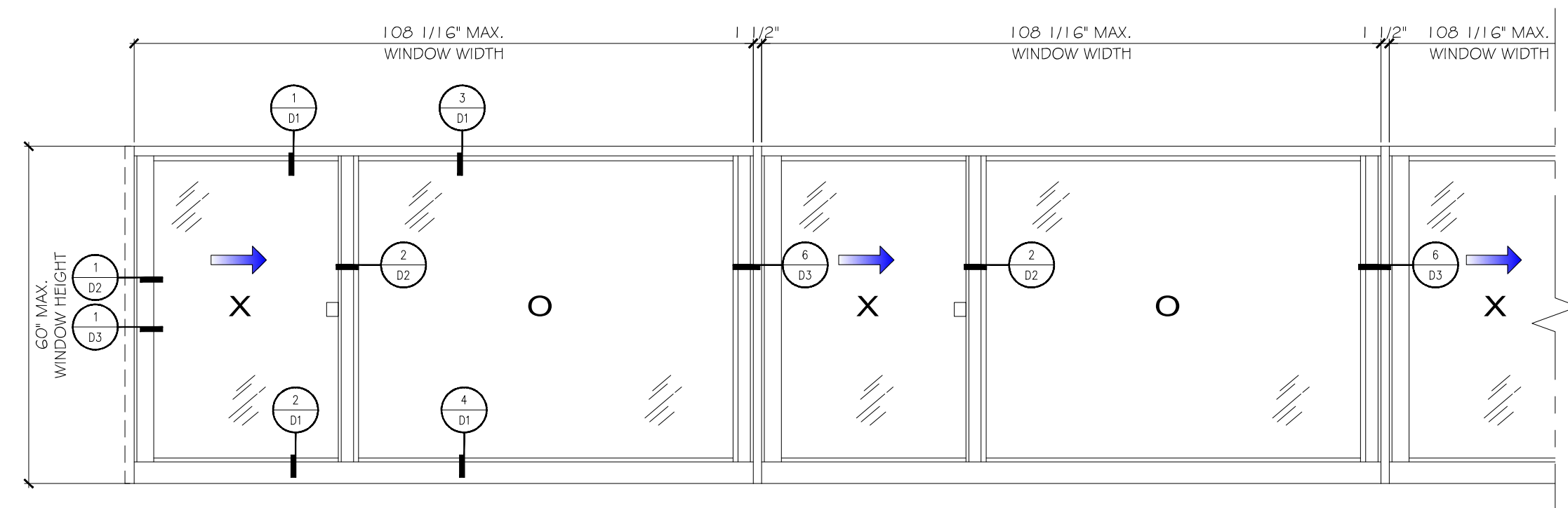
ENGINEERING.COM

TEL. (305)-231-1101

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FL #26540

YIPING WANG, P.E.
FLORIDA REGISTRATION
FL #55883
C.A.I.D. #28677

YIPING WANG
STATE OF FLORIDA
PROFESSIONAL ENGINEER

October 19th, 2020

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CONTINENTAL GLASS SYSTEMS, LLC

325 W. 74TH PLACE, HIALEAH, FL 33014
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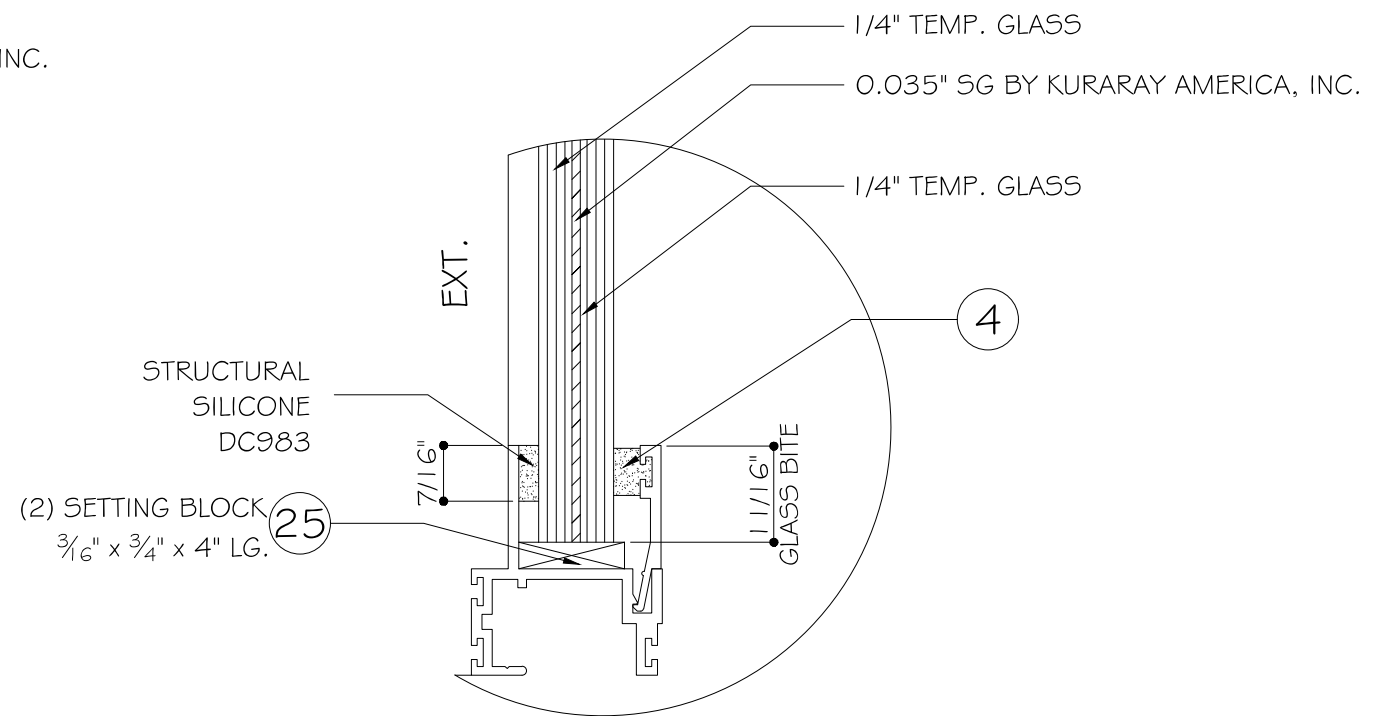
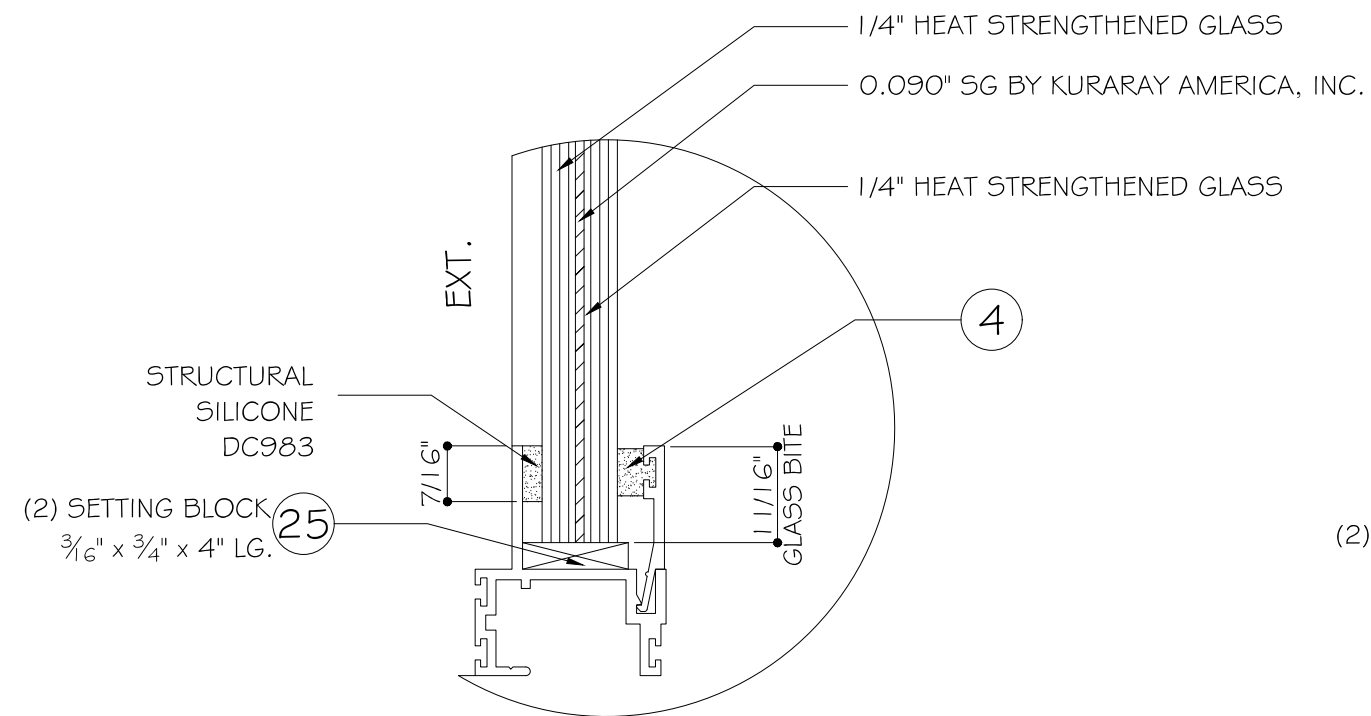
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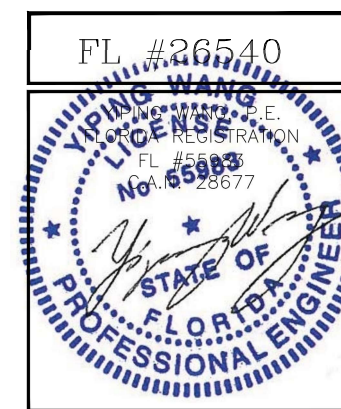
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1	10/14/2020	I.M.	UPDATE TO FBC 2020		
Drawn Date 02/27/2018	Scale AS SHOWN				
DRAWING NO. AD18-09					
E2					
Sheet No. 02 OF 08					

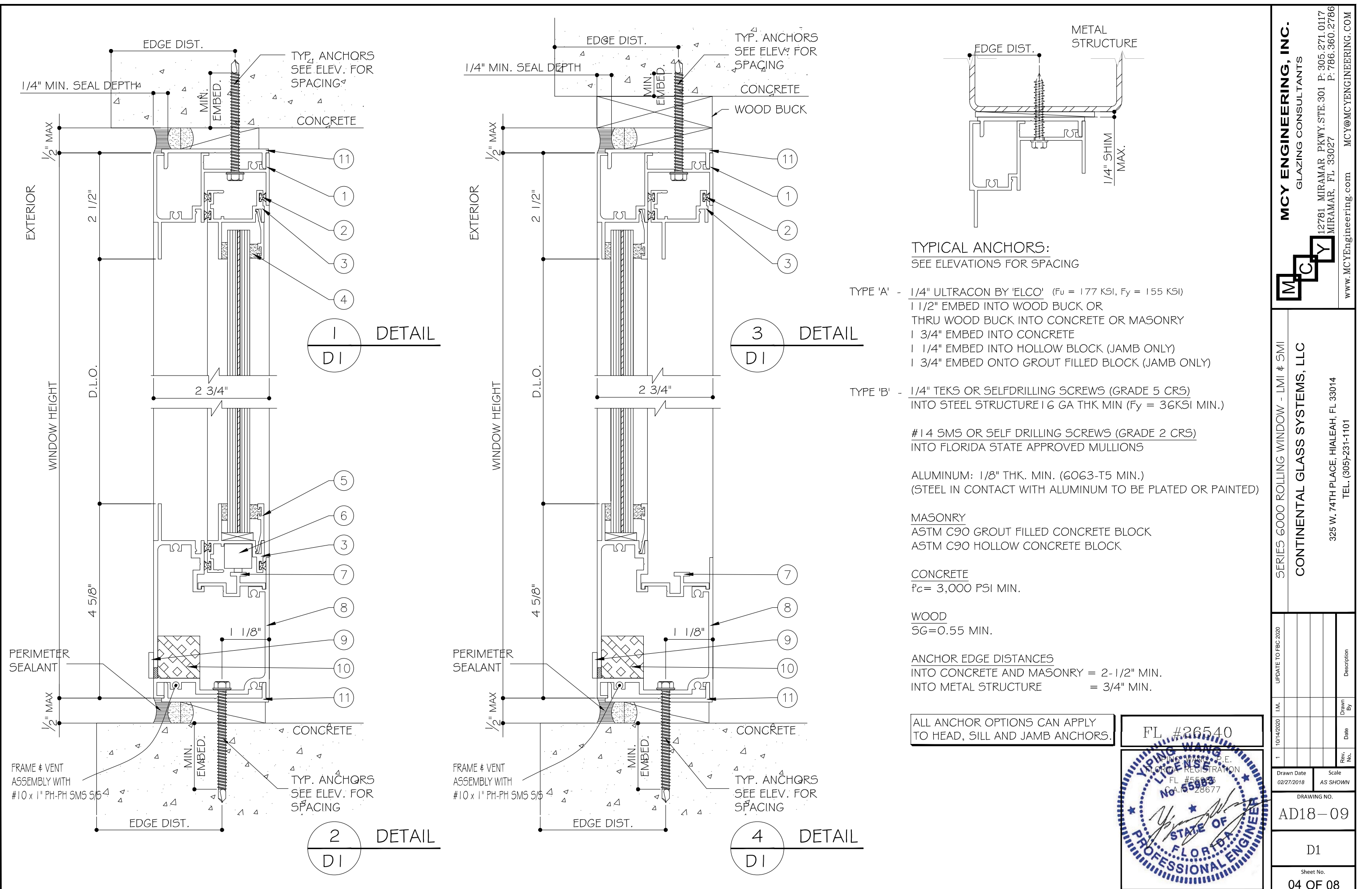


LARGE MISSILE IMPACT

SMALL MISSILE IMPACT



 MCY ENGINEERING, INC. GLAZING CONSULTANTS 12781 MIRAMAR PKWY. STE. 301 P: 305.271.0117 MIRAMAR, FL 33027 P: 786.360.2786 www.MCYEngineering.com MCY@MCYENGINEERING.COM		SERIES 6000 ROLLING WINDOW - LMI & SMI	
		CONTINENTAL GLASS SYSTEMS, LLC 325 W. 74TH PLACE, HIALEAH, FL 33014 TEL. (305)-231-1101	
1	10/14/2020	I.M.	UPDATE TO FBC 2020
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AD18-09			
G1			
Sheet No.			
03 OF 08			



TYPICAL ANCHORS:
SEE ELEVATIONS FOR SPACING

- TYPE 'A' - 1/4" ULTRACON BY 'ELCO' (Fu = 177 KSI, Fy = 155 KSI)
1 1/2" EMBED INTO WOOD BUCK OR
THRU WOOD BUCK INTO CONCRETE OR MASONRY
1 3/4" EMBED INTO CONCRETE
1 1/4" EMBED INTO HOLLOW BLOCK (JAMB ONLY)
1 3/4" EMBED ONTO GROUT FILLED BLOCK (JAMB ONLY)
- TYPE 'B' - 1/4" TEKs OR SELFDRILLING SCREWS (GRADE 5 CRS)
INTO STEEL STRUCTURE 1/8" GA THK MIN (Fy = 36KSI MIN.)

#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)
INTO FLORIDA STATE APPROVED MULLIONS

ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

MASONRY
ASTM C90 GROUT FILLED CONCRETE BLOCK
ASTM C90 HOLLOW CONCRETE BLOCK

CONCRETE
fc = 3,000 PSI MIN.

WOOD
SG=0.55 MIN.

ANCHOR EDGE DISTANCES
INTO CONCRETE AND MASONRY = 2-1/2" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

ALL ANCHOR OPTIONS CAN APPLY
TO HEAD, SILL AND JAMB ANCHORS.

FL #26540

YIPING WANG
P.E.
FLORIDA REGISTRATION
No. 65983

October 19th, 2020

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Rev. No.	Date	Drawn By	Description
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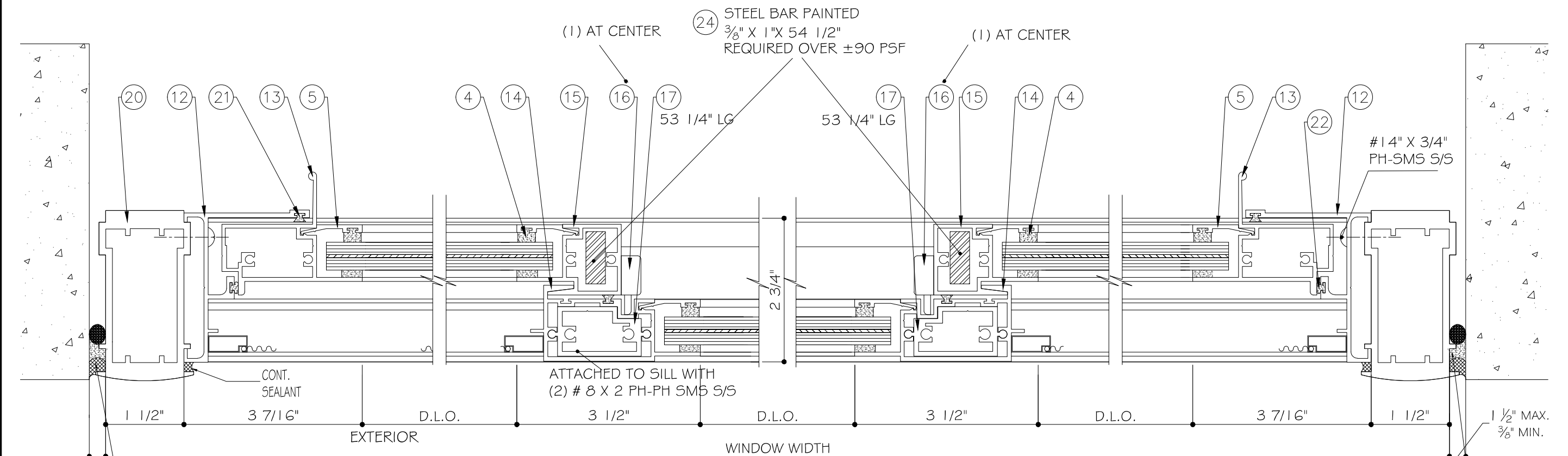
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02/27/2018

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DRAWING NO.
AD18-09

D1

Sheet No.
04 OF 08



1 1/2" MAX.
3/8" MIN.

PERIMETER
SEALANT AND
BACKER ROD.

1
D3
DETAIL

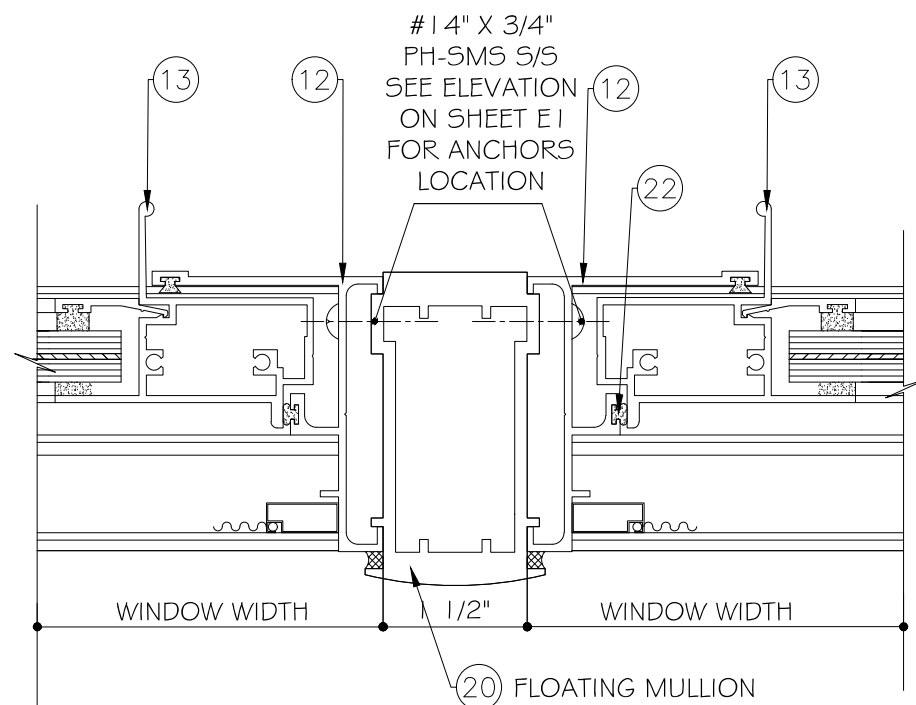
2
D3
DETAIL

3
D3
DETAIL

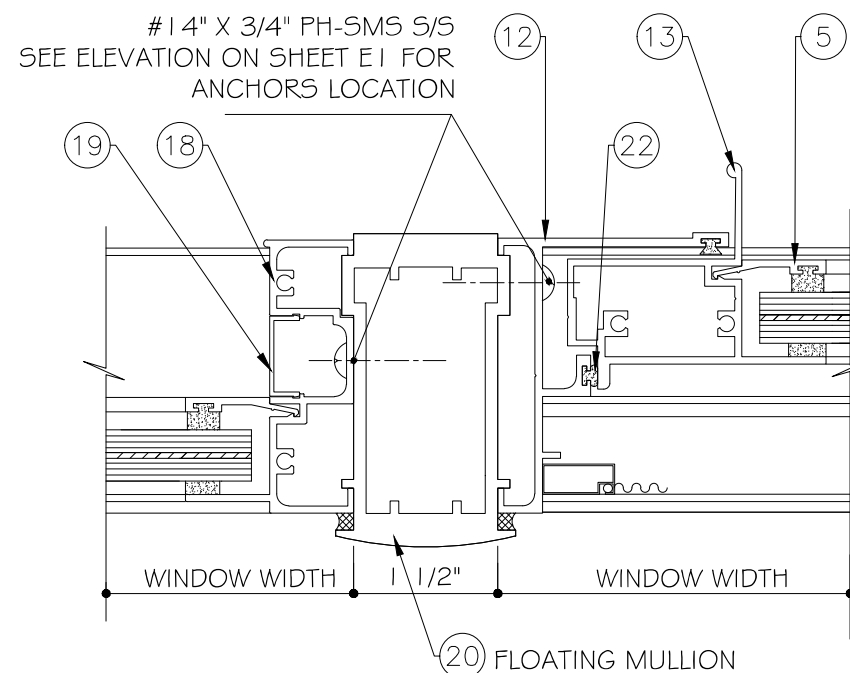
4
D3
DETAIL

1 1/2" MAX.
3/8" MIN.

PERIMETER
SEALANT AND
BACKER ROD.

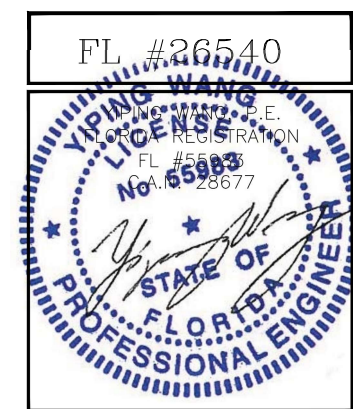


5
D3
DETAIL



6
D3
DETAIL

- NOTES:
1. BACKER ROD DIAMETER = SEAL WIDTH X 120%
 2. SEALANT WIDTH TO DEPTH RATIO SHALL BE 2:1 FOR JOINT WIDTH UP TO 1.0", WITH A 1/4" MINIMUM DEPTH AND 1/2" DEPTH FOR SEALANT JOINT WIDTHS OVER 1.0".



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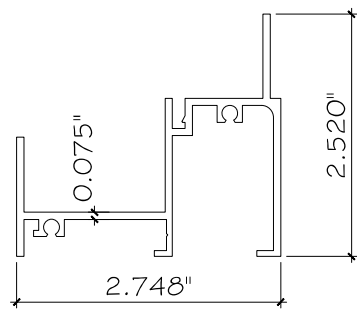
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GLAZING CONSULTANTS

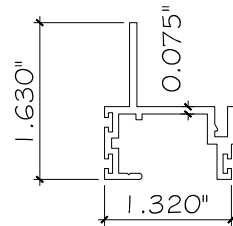
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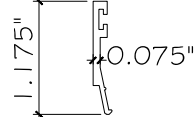
ROLLING WINDOW



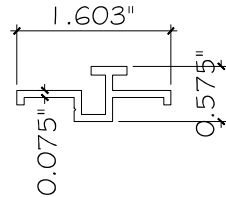
① HEAD
6000-02



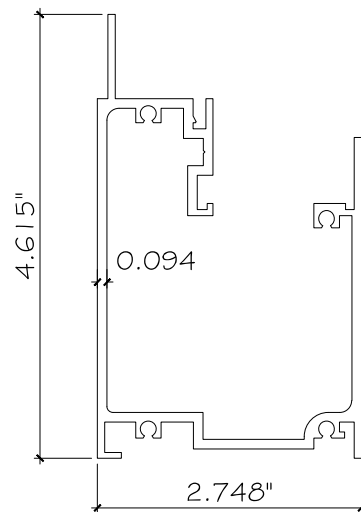
③ SIDE RAIL
6000-05



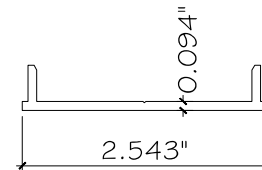
⑤ GLAZING BEAD
5000-08



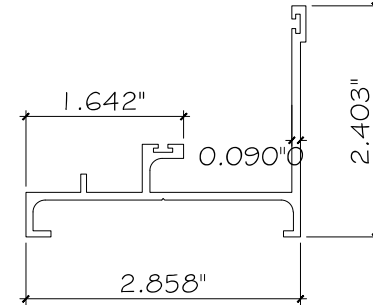
⑦ SILL ADAPTER
6000-04



⑧ SILL
6000-01

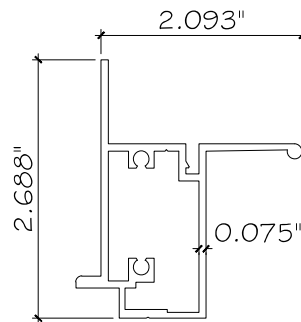


ANCHOR
5000-12

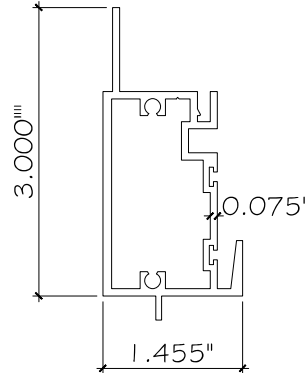


12 LOCK JAMB
6000-03

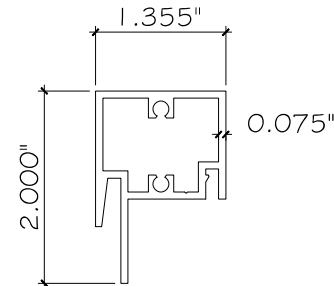
ITEM #	PART #	PART NAME	REMARKS	MATERIAL
1	6000-02	HEAD	FRAME	6005-T5
2		FIN-SEAL .250 x .187	ULTRAFAB	
3	6000-05	SIDE RAIL	VENT	6005-T5
4		GLASS SPACING	PROTOTYPE PLASTIC EXTRUSION	
5	5000-08	GLAZING BEAD	VENT	
6		WHEEL	DNS	
7	6000-04	SILL ADAPTER	FRAME	6005-T5
8	6000-01	SILL	FRAME	6005-T5
9		WATER WEEP	DNS	
10		BAFFLE 1 X 1 X 2"	FRANK LOWE	
11	5000-12	ANCHOR		6005-T5
12	6000-03	LOCK JAMB	FRAME	6005-T5
13	5000-06	LOCK VENT	VENT I= 0.055 IN ⁴	6005-T5
14	5000-04	MEETING RAIL	FRAME I= 0.185 IN ⁴	6005-T5
15	5000-05	TOP VENT	VENT I= 0.119 IN ⁴	6005-T5
16	5L-01	CAM LOCK	DNS (1) PER VENT.	
17	6000-06	REINFORCING	53 1/4" LG	6005-T5
18	5000-15	JAMB	FRAME I= 0.593 IN ⁴	6005-T5
19	5000-16	JAMB COVER		
20	5000-14	MULLION	FRAME I= 2.473 IN ⁴	6005-T5
21		FIN-SEAL .400 X .187	ULTRAFAB	
22	E-206	VINYL BULB	PROTOTYPE EXTRUSION	
24	NONE	3/8" X 1" STEEL BAR	54 1/2" LONG. MAX.	A-36
25	-	3/16" x 3/4" x 4" LG. SETTING BLOCK	DUROMETER 70-90 SHORE A OR E.Q.	SILICONE



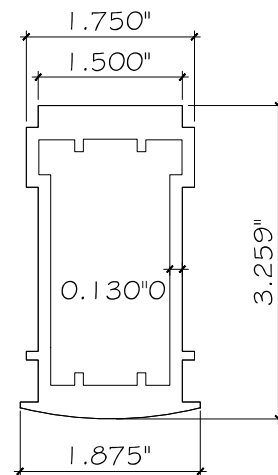
13 LOCK VENT
5000-06



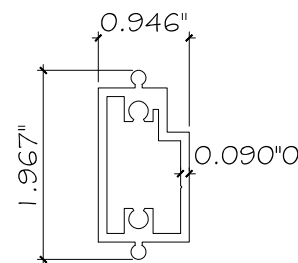
14 MEETING RAIL
5000-04



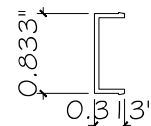
⑮ TOP VENT
5000-05



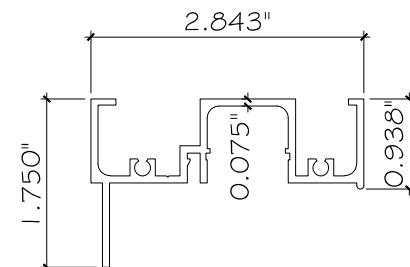
20 MILLION
5000-14



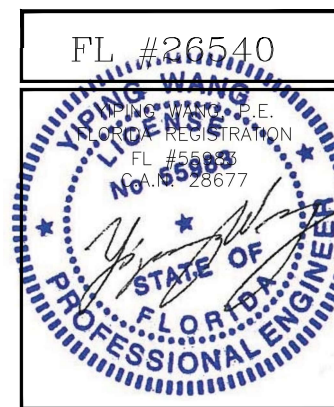
17 REINFORCING
6000-06



① JAMB COVER
5000-16



18 JAMB
5000-15



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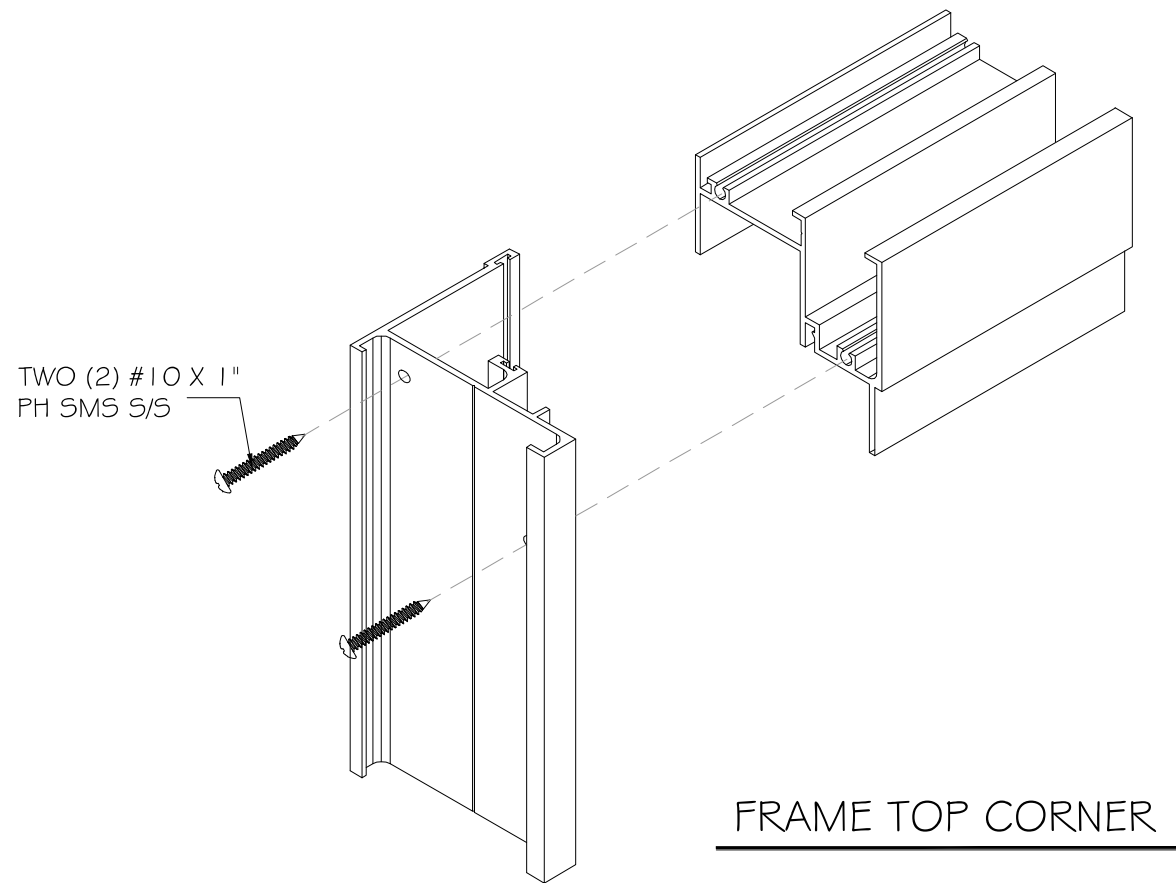
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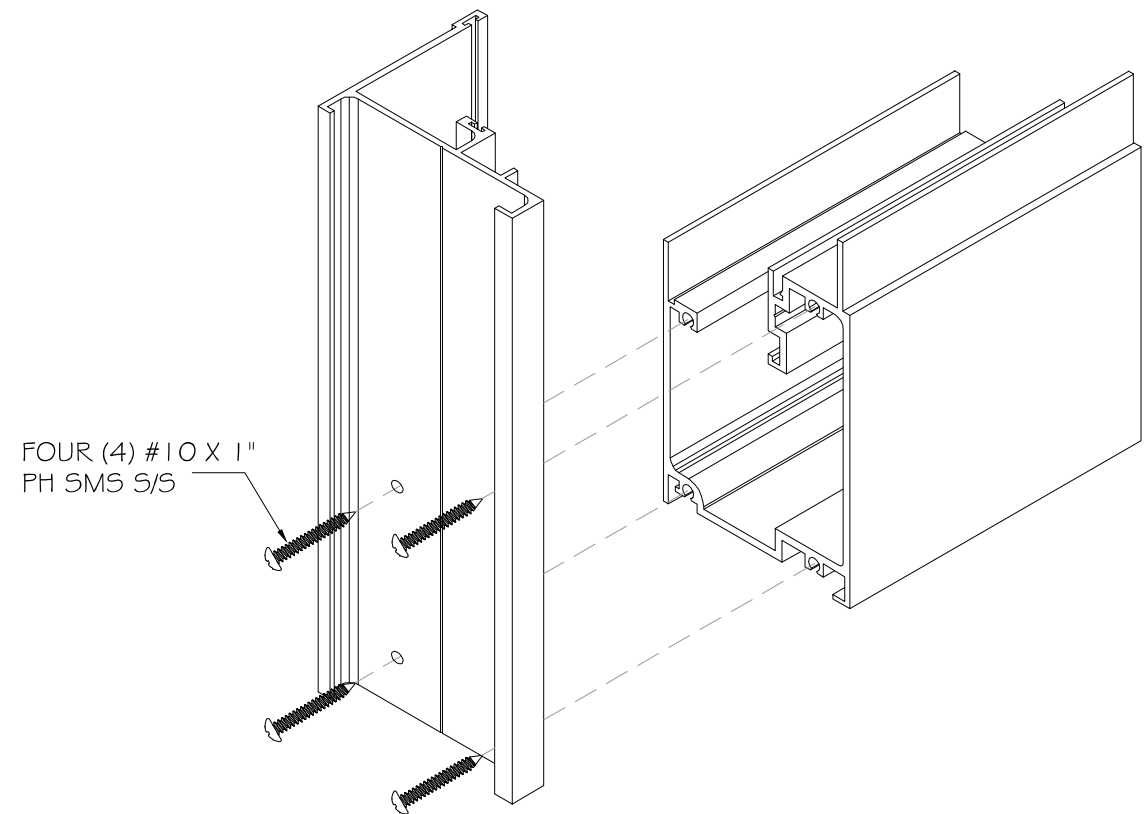
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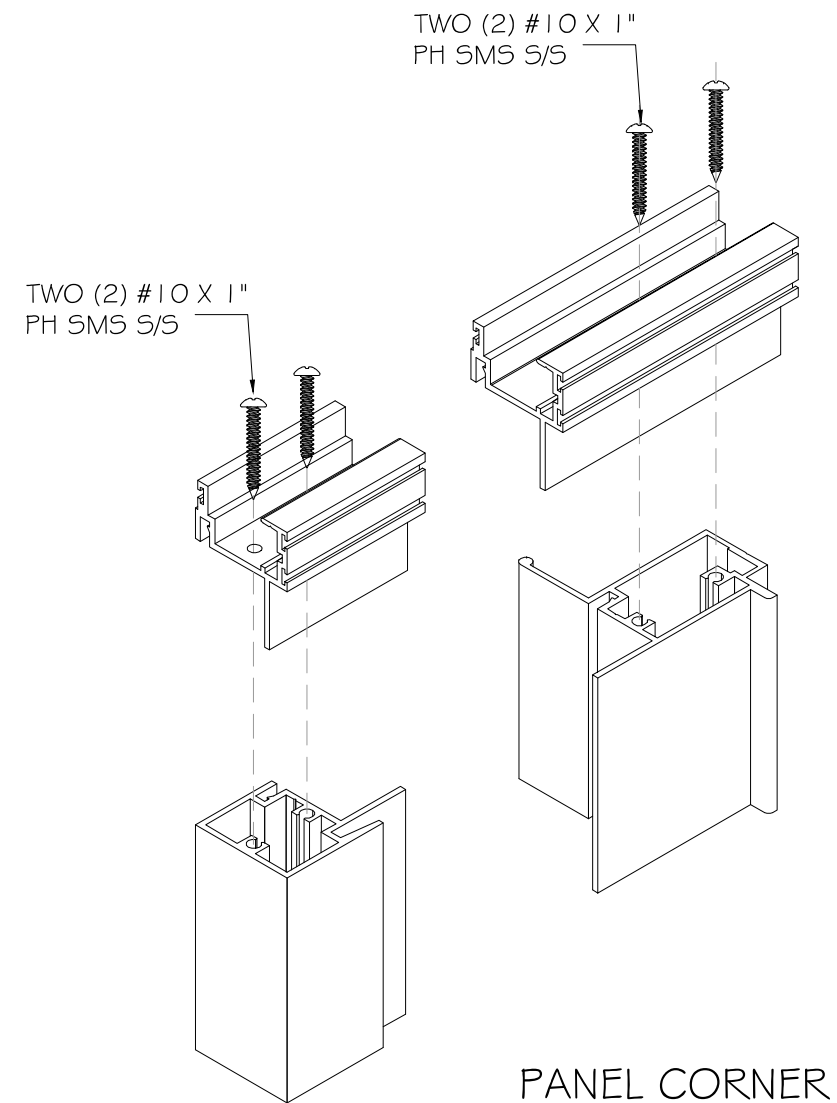
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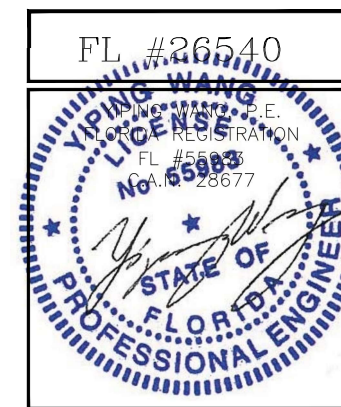
FRAME TOP CORNER



FRAME BOTTOM CORNER



PANEL CORNER



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