

FL #:	
FL14590	
DATE: 01.26.21	
DWG. BY: MS	CHK. BY: HFN
SCALE: NTS	
DWG. #: SWD055	
SHEET: 1	REV. A
OF 8	

**SERIES 9070 FIXED WINDOW
(HVHZ)(IMPACT)**

**ELEVATIONS AND
ANCHOR LAYOUTS**

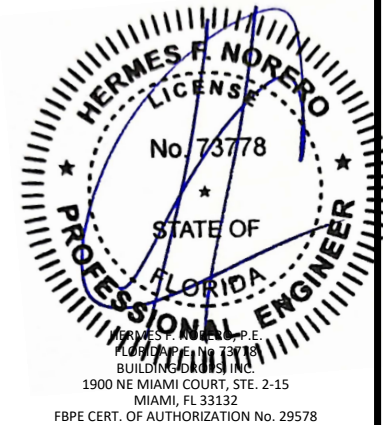
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954) 395-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

PREPARED BY:


BUILDING DROPS

REMARKS	BY	DATE
2026 FBC UPDATE	DB	07/26

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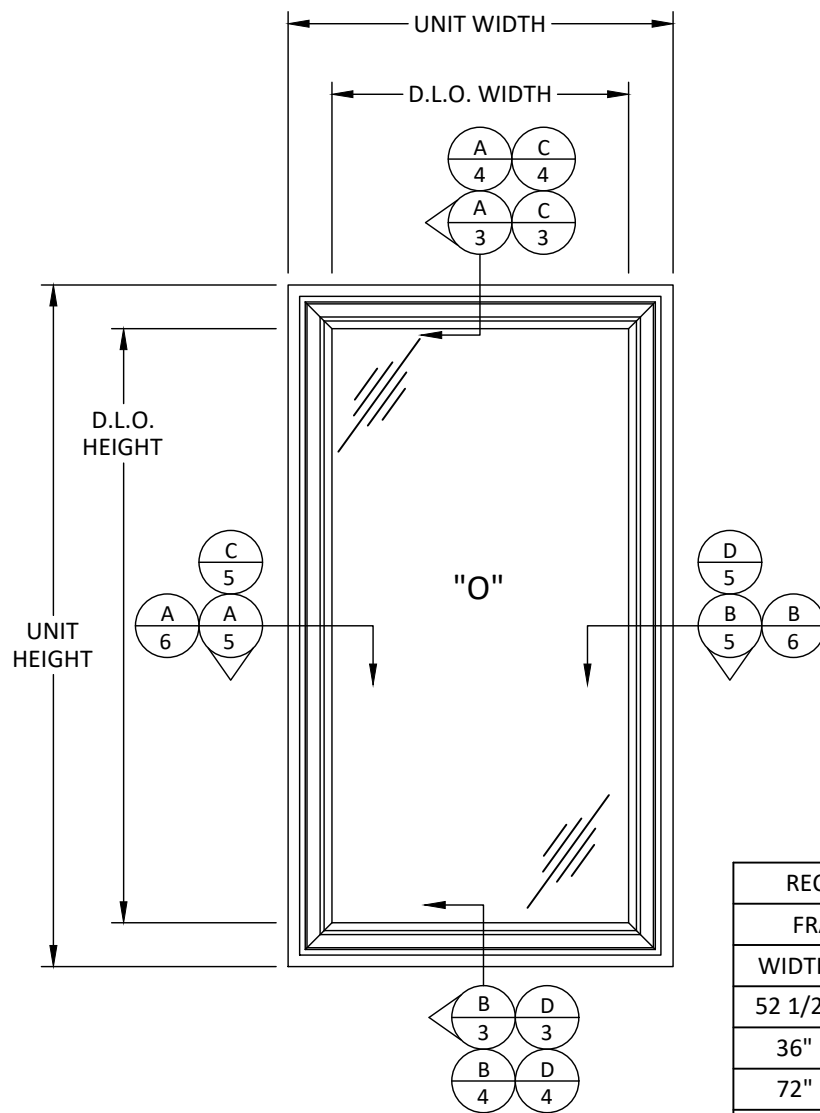
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A

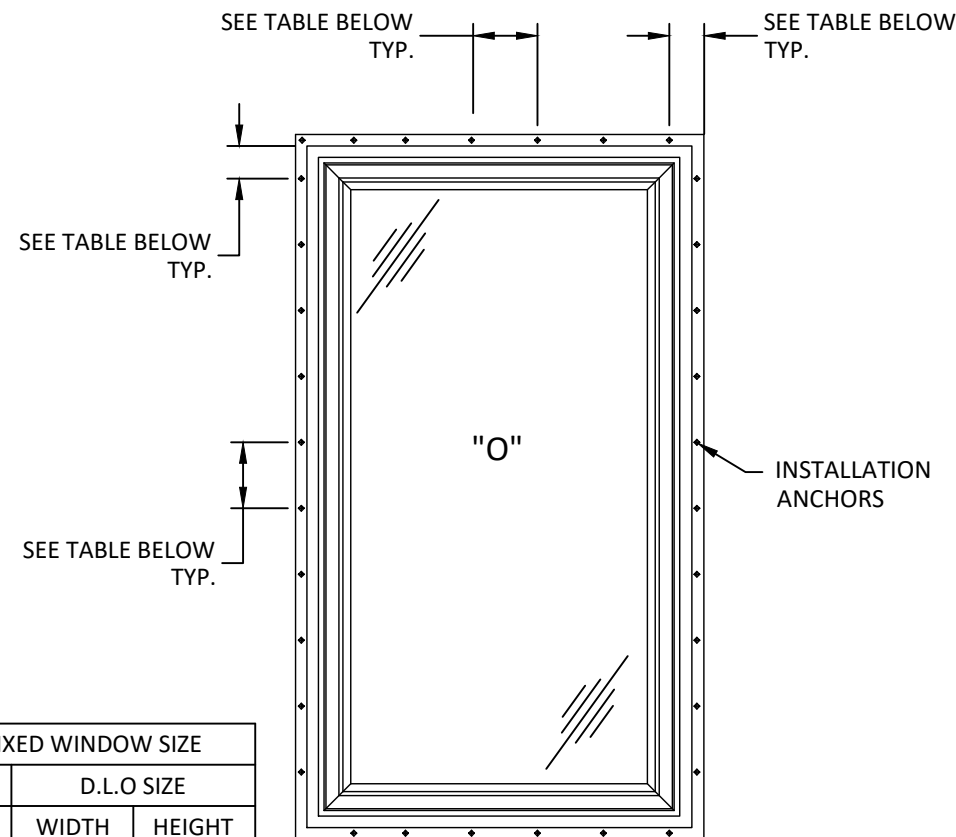
OF 8



ELEVATION

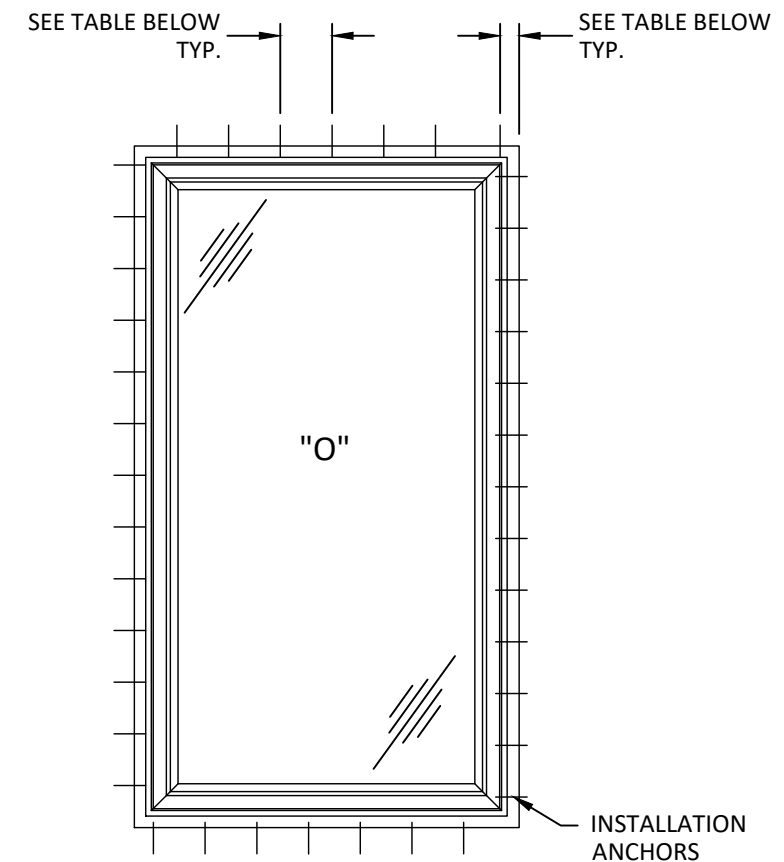
RECTANGULAR FIXED WINDOW SIZE			
FRAME SIZE		D.L.O SIZE	
WIDTH	HEIGHT	WIDTH	HEIGHT
52 1/2"	83 1/2"	48 1/2"	79 1/2"
36"	72"	33 1/8"	68 1/8"
72"	72"	68 1/8"	68 1/8"
54"	72"	50"	68"

*SEE SHEET 7 FOR ADDITIONAL RECTANGULAR
FRAME SIZE OPTION AND DESIGN PRESSURE.



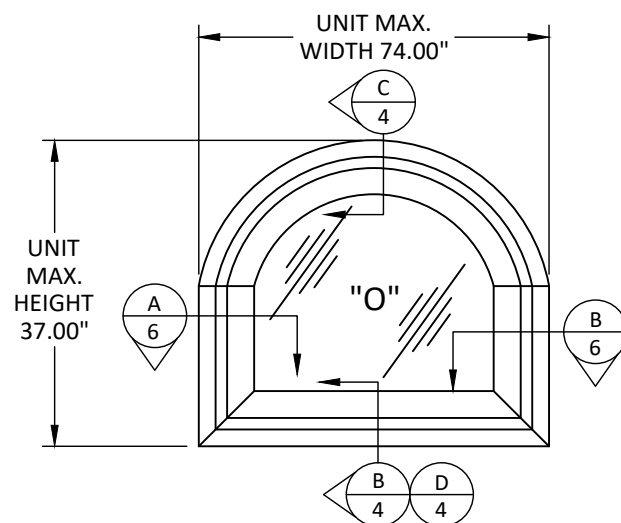
ANCHOR LAYOUT

NAIL FIN INSTALLATION

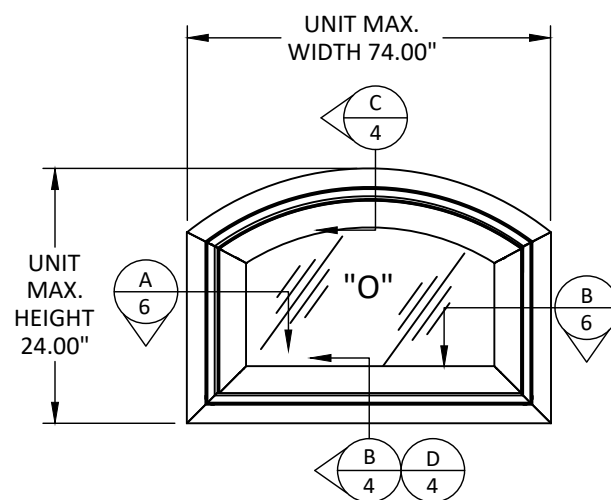


ANCHOR LAYOUT

THROUGH FRAME/CLIP INSTALLATION



ELEVATION
ARCH
+105/-105 PSF



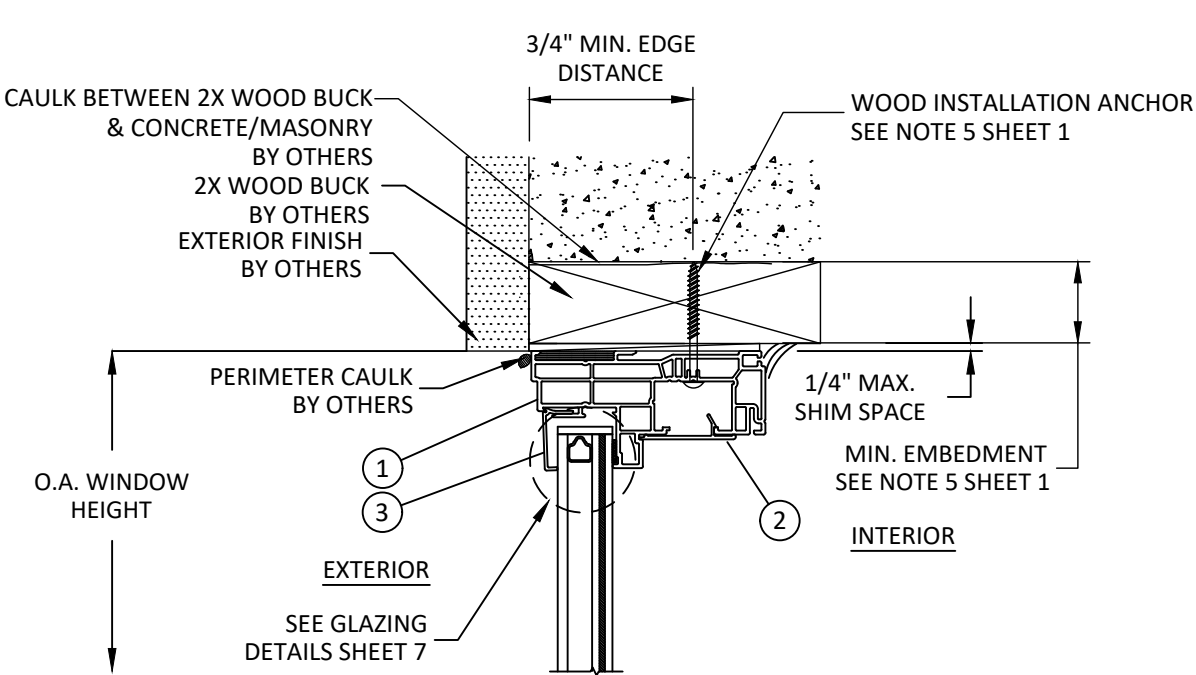
ELEVATION
EYEBROW
+150/-150 PSF

ANCHOR SCHEDULE				
	SIZE	FROM CORNER DIST.	MAX. O.C. (NAIL FIN)	MAX. O.C. (THROUGH FRAME/CLIP)
FIXED WINDOW	SEE TABLE ON SHEET 2 *	NAIL FIN: 3" THROUGH FRAME: 3" CLIP: 3"	HEAD/SILL: 8" JAMB: 8"	HEAD/SILL: 8" JAMB: 8"
ARCH	74" x 37" **	NAIL FIN: 3" THROUGH FRAME: 4" CLIP: 4"	HEAD/SILL: 8.50" JAMB: 11.75"	HEAD: 11.00" JAMB: 11.00"
EYEBROW	74" x 24" **	NAIL FIN: 3" THROUGH FRAME: 4" CLIP: 4"	HEAD/SILL: 11.75" JAMB: 11.75"	HEAD: 17.00" JAMB: 17.00"

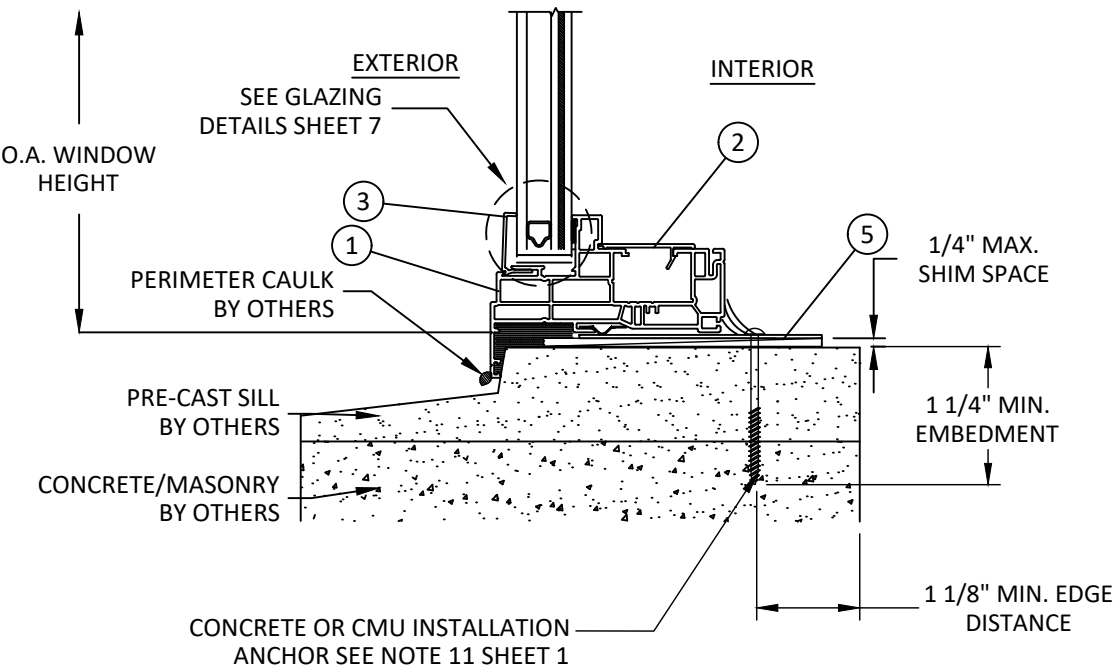
*MAX. FRAME SIZE FOR FIN INSTALLATION IS 30.5 SQ. FT.

****REQUIRES INSTALLATION THROUGH A COMBINATION OF NAILING FIN & FRAME SIMULTANEOUSLY.**

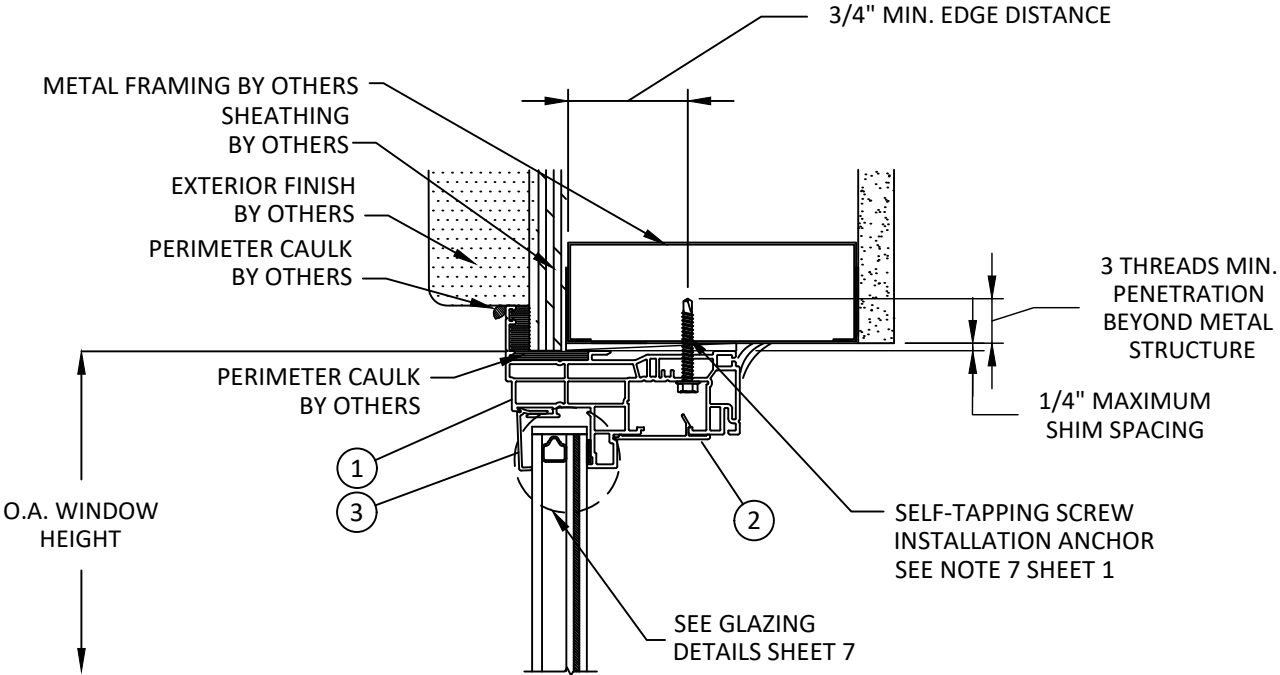
c:\users\danielbu\trago\building drops, inc\building drops landing- common\projects\2026 code change projects\shwinco architectural products\cc-26-0209.1 - 2026 code change projects\dwgs\114590 - series 9070 f.w.window\swd055 - a.dwg 7/9/2026 4:07 PM



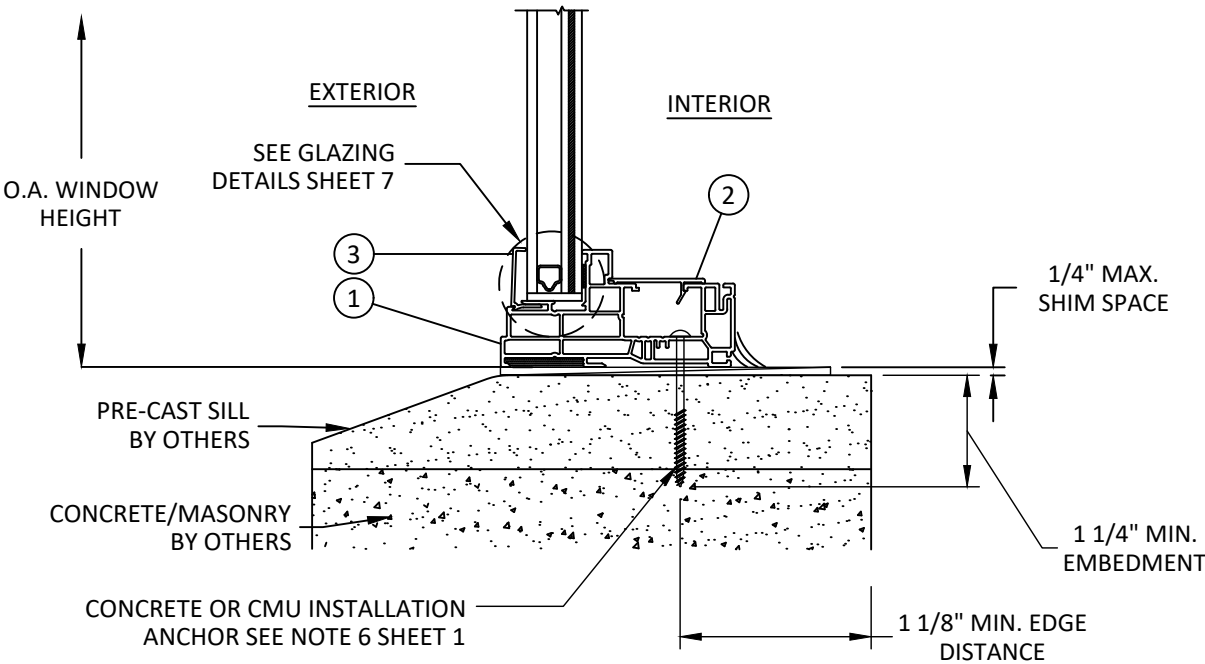
A
3 **VERTICAL SECTION**
HEAD - 2X WOOD BUCK
THROUGH FRAME INSTALLATION (REPLACEMENT)



B
3 **VERTICAL SECTION**
PRE-CAST SILL - CONCRETE/MASONRY
CLIP INSTALLATION (FLANGE)



C
3 **VERTICAL SECTION**
HEAD - METAL STUD FRAME
THROUGH FRAME INSTALLATION (FLANGE)



D
3 **VERTICAL SECTION**
PRE-CAST SILL - CONCRETE/MASONRY
THROUGH FRAME INSTALLATION (REPLACEMENT)



171 JET SERVICES WAY
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TITLE: **SERIES 9070 FIXED WINDOW (HVHZ)(IMPACT)**
VERTICAL SECTIONS (THROUGH FRAME/CLIP INSTALLATION)

PREPARED BY: **BUILDING DROPS, INC.**
1900 NE MIAMI COURT, STE. 2-15
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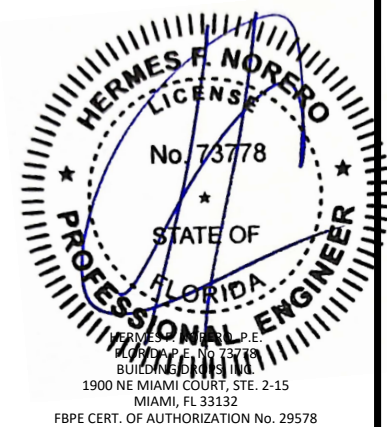
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(HVHZ)(IMPACT)**

**VERTICAL SECTIONS
(NAIL FIN INSTALLATION)**

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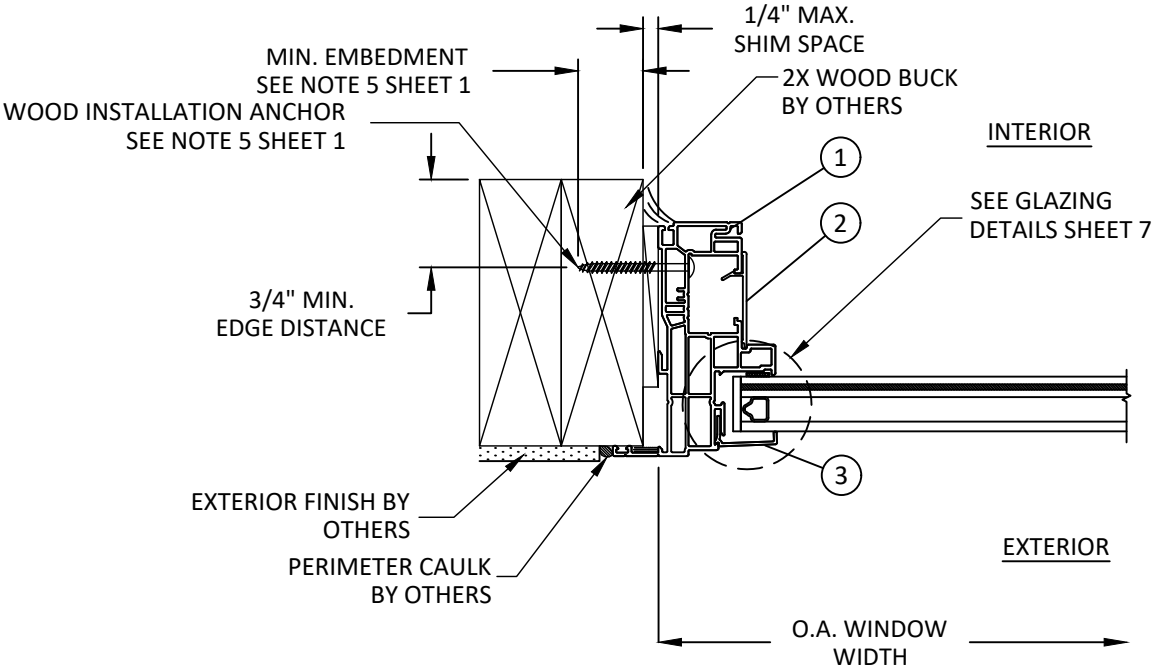
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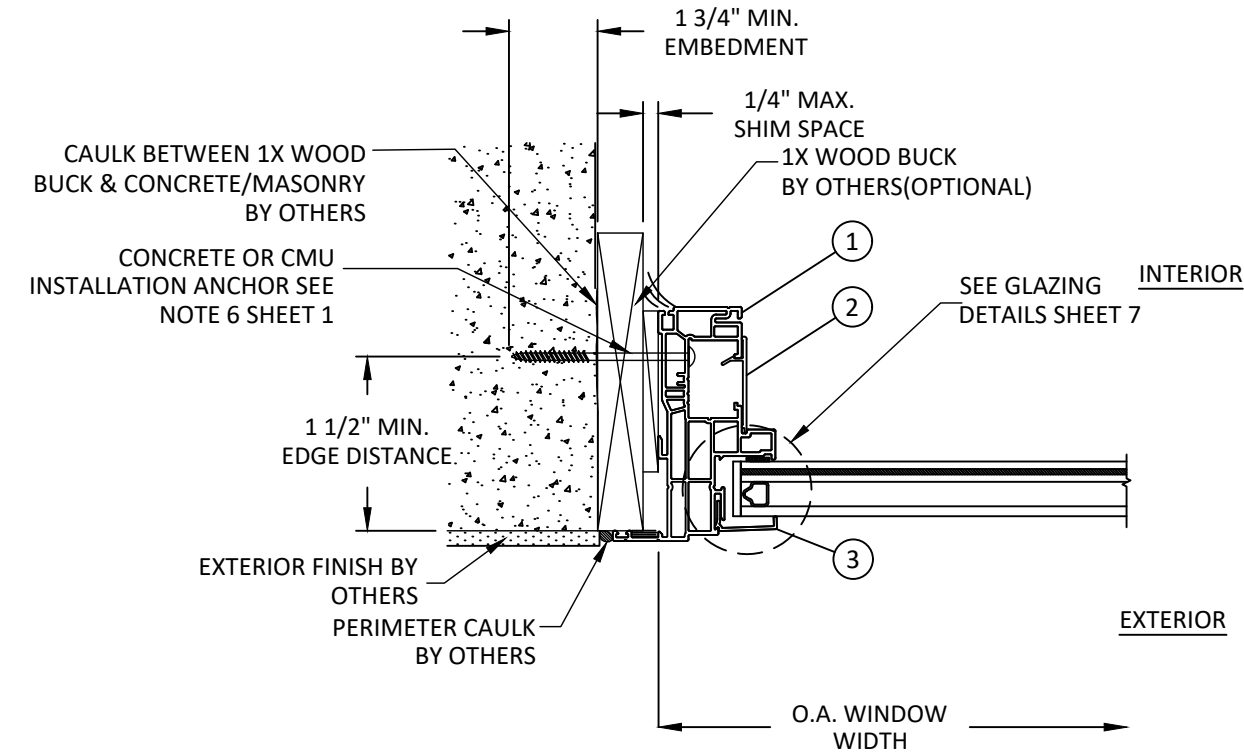
DF 8



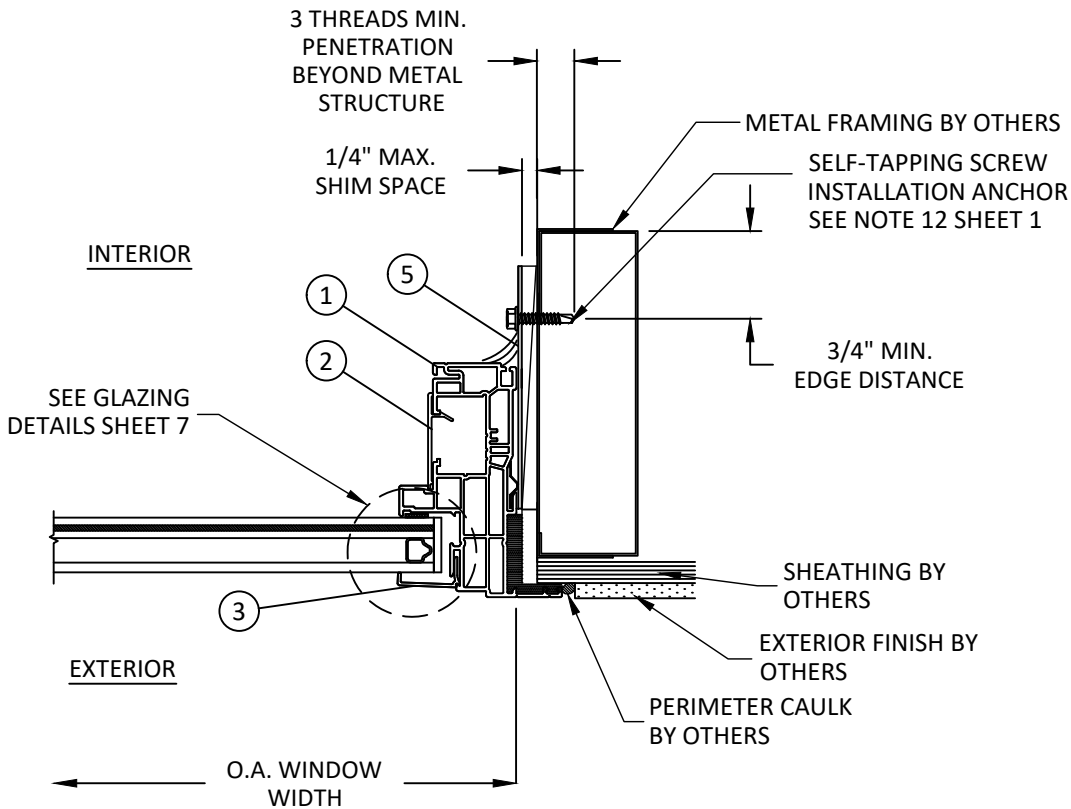
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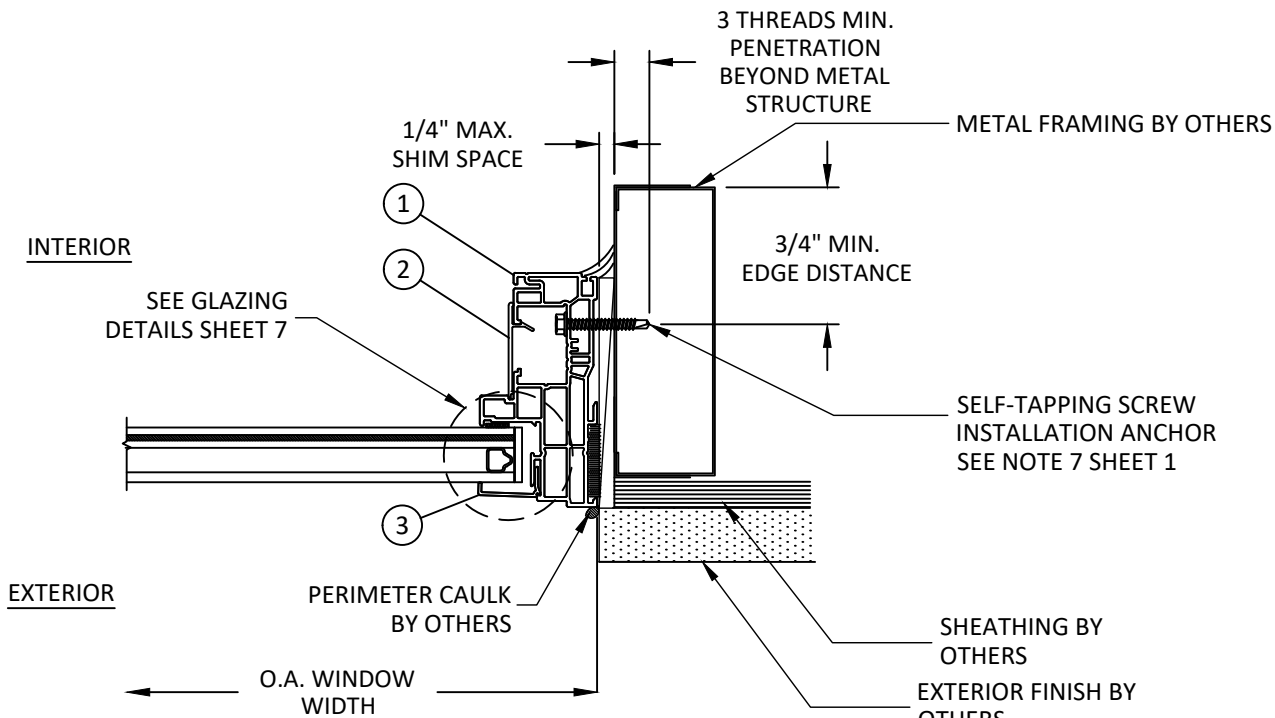
A
5
HORIZONTAL SECTION
JAMB - 2X WOOD FRAME
THROUGH FRAME INSTALLATION (FLANGE)



C
5
HORIZONTAL SECTION
JAMB - CONCRETE OR CMU
THROUGH FRAME INSTALLATION (FLANGE)



B
5
HORIZONTAL SECTION
JAMB - METAL STUD FRAME
CLIP INSTALLATION (FLANGE)



D
5
HORIZONTAL SECTION
JAMB-METAL STUD
THROUGH FRAME INSTALLATION (REPLACEMENT)



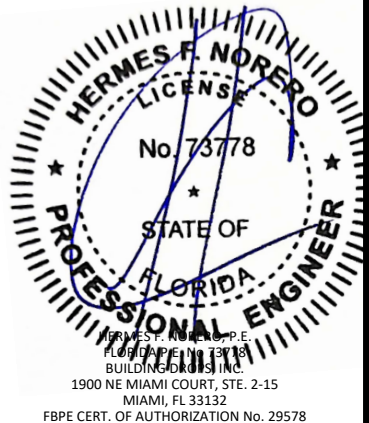
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HORIZONTAL SECTIONS (THROUGH FRAME/CLIP INSTALLATION)

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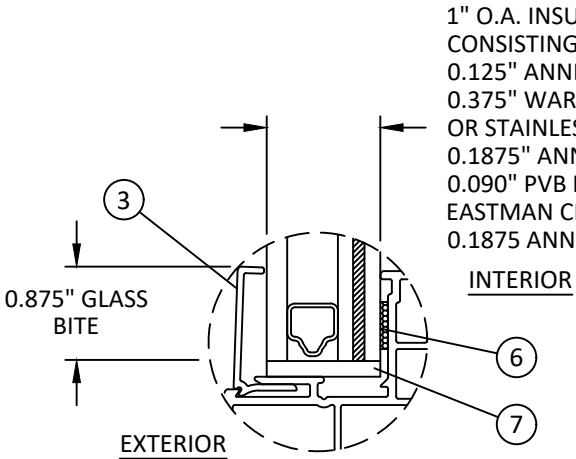


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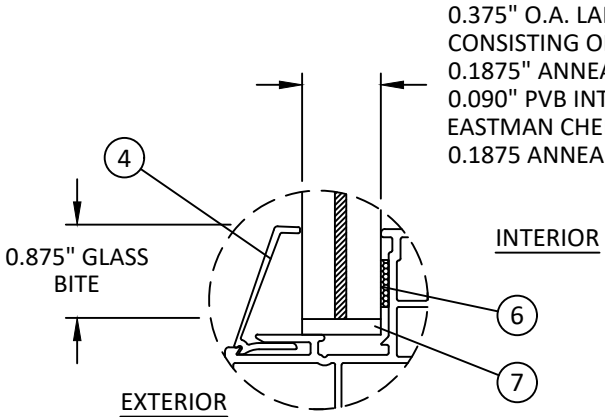
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GLASS LOAD CAPACITY (PSF)				
FRAME SIZE (IN)		G1	G3	G4
WIDTH	HEIGHT	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
24	60	60.0	70.0	90.0
30		60.0	70.0	90.0
36		60.0	70.0	90.0
42		60.0	59.0	90.0
48		60.0	-	90.0
54		60.0	-	90.0
60		53.6	-	90.0
66		43.3	-	90.0
72	66	43.3	-	90.0
24		60.0	70.0	90.0
30		60.0	70.0	90.0
36		60.0	70.0	90.0
42		60.0	-	90.0
48		60.0	-	90.0
54		60.0	-	90.0
60		43.3	-	90.0
66	72	39.1	-	90.0
72		-	-	90.0
24		60.0	70.0	90.0
30		60.0	70.0	90.0
36		60.0	70.0	90.0
42		60.0	-	90.0
48		60.0	-	90.0
54		60.0	-	90.0
60	78	43.3	-	90.0
66		-	-	90.0
72		-	-	90.0
24		60.0	70.0	90.0
30		60.0	70.0	90.0
36		60.0	-	90.0
42		60.0	-	90.0
48		60.0	-	90.0
54	84	48.5	-	90.0
60		-	-	87.9
66		-	-	84.9
66.4375		-	-	84.8
24		60.0	70.0	90.0
30		60.0	70.0	90.0
36		60.0	-	90.0
42		60.0	-	90.0
48		50.0	-	90.0
54		-	-	89.0
60		-	-	84.1
61.75		-	-	82.9

GLASS LOAD CAPACITY (PSF)				
FRAME SIZE (IN)		G1	G3	G4
WIDTH	HEIGHT	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
24	90	60.0	70.0	90.0
30		60.0	-	90.0
36		60.0	-	90.0
42		60.0	-	90.0
48		50.0	-	90.0
54		-	-	86.3
57.75		-	-	82.8
24	96	60.0	70.0	90.0
30		60.0	-	90.0
36		60.0	-	90.0
42		50.0	-	90.0
48		-	-	90.0
54		-	-	84.0
54.25		-	-	83.8
24	102	60.0	70.0	90.0
30		60.0	-	90.0
36		60.0	-	90.0
42		50.0	-	90.0
48		-	-	89.7
51.125		-	-	85.5
24	108	60.0	70.0	90.0
30		60.0	-	90.0
36		60.0	-	90.0
42		-	-	90.0
48		-	-	88.2
48.4375		-	-	87.5
24	114	60.0	-	90.0
30		60.0	-	90.0
36		50.0	-	90.0
42		-	-	90.0
46		-	-	90.0
24	120	60.0	-	90.0
30		60.0	-	90.0
36		50.0	-	90.0
42		-	-	90.0
43.8125		-	-	90.0
24	126	60.0	-	90.0
30		60.0	-	90.0
36		-	-	90.0
41.875		-	-	90.0

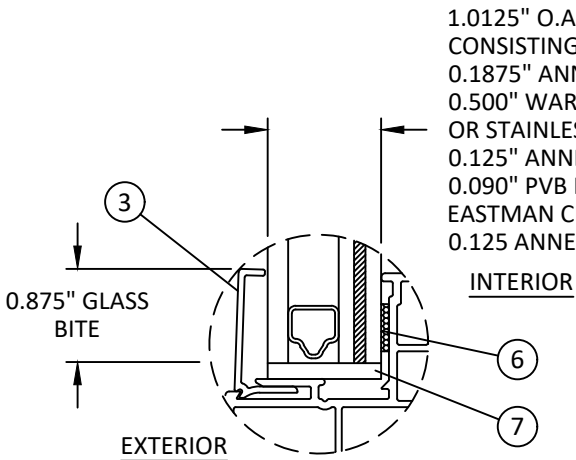


GLAZING DETAIL 1

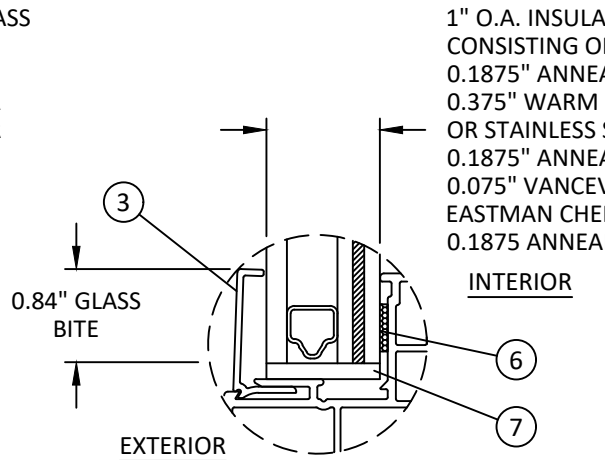


GLAZING DETAIL 2

ARCH, EYEBROW ONLY
MAX +150/-150 PSF



GLAZING DETAIL 3



GLAZING DETAIL 4

GLAZING NOTES:

- GLASS TYPE COMPLIES WITH ASTM E1300 REQUIREMENTS. PER THE FBC TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
- SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
- SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
- TEMPERED GLASS ON SACRIFICIAL LITE SHALL BE USED ON APPLICATION 30 FEET ABOVE GRADE.
- D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAXIMUM VALUES SHOWN HEREIN.



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GLAZING DETAILS AND
DESIGN PRESSURE TABLES

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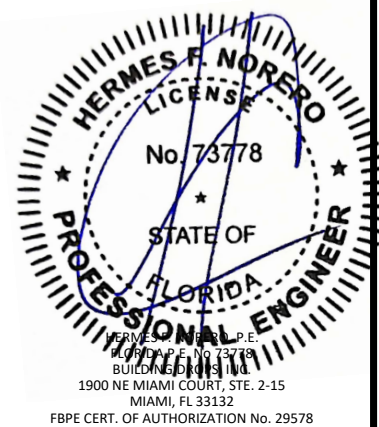
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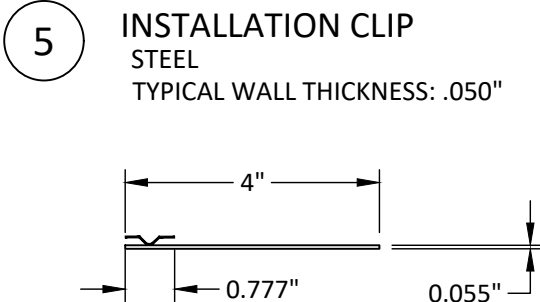
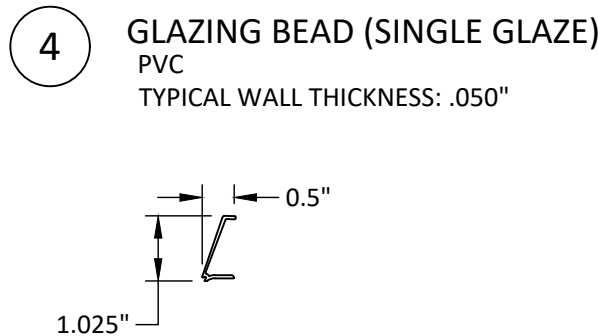
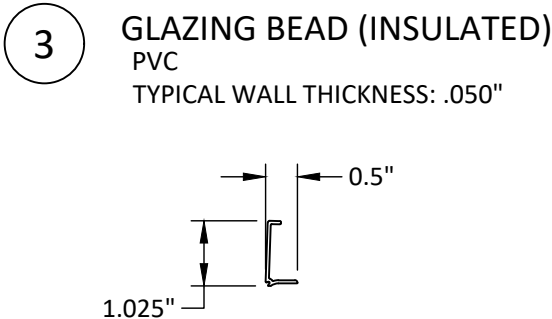
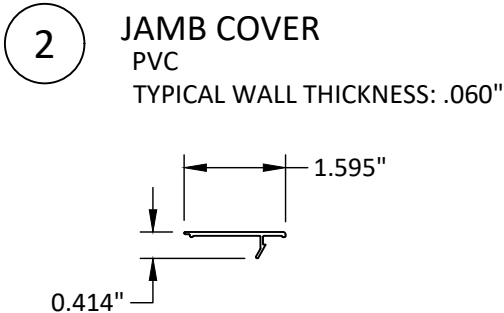
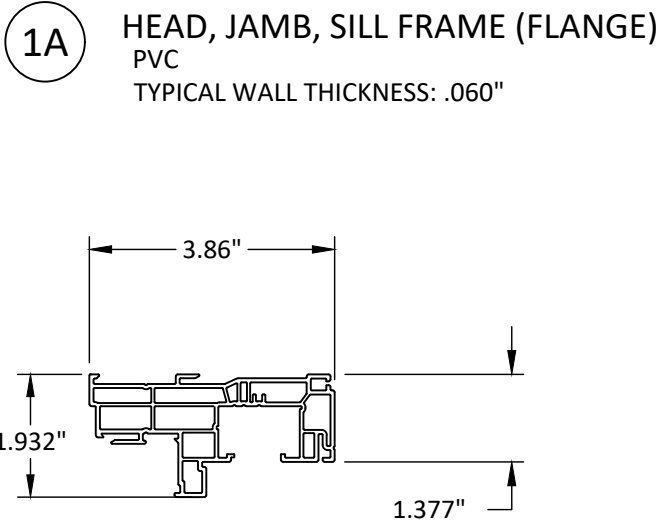
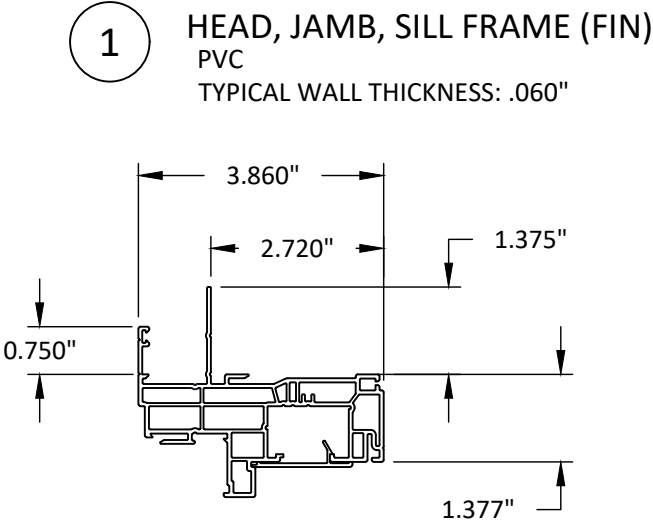
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BILL OF MATERIALS		
ITEM NO.	DESCRIPTION	MATERIAL
1	HEAD, JAMB, SILL FRAME (FIN)	PVC
1A	HEAD, JAMB, SILL FRAME (FRAME)	PVC
2	JAMB COVER	PVC
3	GLAZING BEAD (INSULATED GLASS)	PVC
4	GLAZING BEAD (SINGLE GLASS)	PVC
5	INSTALLATION CLIP	STEEL
6	DOWSIL 995	SILICONE
7	SETTING BLOCK	-



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