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SIERRA PACIFIC WINDOWS

H3 2.0 DIRECT SET WINDOWS

(NON-HVHZ)(NON-IMPACT)

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN FOR NAIL FIN INSTALLATION. TWO (2) INSTALLATION ANCHORS ARE REQUIRED AT EACH ANCHOR LOCATION SHOWN FOR STRAP INSTALLATION.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH THE DEPICTED LOCATION & SPACING IN THE ANCHOR LAYOUT DETAILS (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
4. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
5. **FIN INSTALLATION:** FOR INSTALLATION INTO WOOD FRAMING USE #8 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1-1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE. ANCHORS SHALL BE PLACED SUCH THAT A MINIMUM EDGE DISTANCE OF 3/8" IS ACHIEVED.
6. **STRAP INSTALLATION:** FOR INSTALLATION INTO WOOD FRAMING USE TWO (2) #8 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1-1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE. ANCHORS SHALL BE PLACED SUCH THAT A MINIMUM EDGE DISTANCE OF 3/4" AND A MINIMUM SPACING OF 1" BETWEEN ANCHORS IS ACHIEVED.
7. **FIN INSTALLATION:** FOR INSTALLATION INTO METAL STUD USE #8 GRADE 5 SELF-DRILLING OR SELF-TAPPING PH OR HWH SCREWS, OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 3 THREADS PENETRATION BEYOND METAL WALL. ANCHORS SHALL BE PLACED SUCH THAT A MINIMUM EDGE DISTANCE OF 3/8" IS ACHIEVED.
8. **STRAP INSTALLATION:** FOR INSTALLATION INTO METAL STUD USE TWO (2) #8 GRADE 5 SELF-DRILLING OR SELF-TAPPING PH OR HWH SCREWS, OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 3 THREADS PENETRATION BEYOND METAL WALL. ANCHORS SHALL BE PLACED SUCH THAT A MINIMUM EDGE DISTANCE OF 3/4" AND A MINIMUM SPACING OF 1" BETWEEN ANCHORS IS ACHIEVED.
9. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
10. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
11. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
12. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.

B. STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM WALL THICKNESS OF 35.9 MIL (0.0478" or 18 GAUGE).

C. ALUMINUM - MINIMUM ALLOY 6063-T5. MINIMUM WALL THICKNESS OF 1/8".

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:

AAMA/WDMA/CSA 101/I.S.2/A440-17
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING, AND METAL FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
4. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT IN NON-HVHZ AREAS.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN WIND BORNE DEBRIS AREAS.
6. WINDOW FRAME MATERIAL: WOOD AND 6063-T5.
7. GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 8 FOR GLAZING DETAILS.

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DESIGN PRESSURE TABLE								
PRODUCT	MAX OVERALL SIZE		INSTALLATION LEVEL	DESIGN PRESSURE (PSF)	MULLION TYPE	FRAME TYPE	INSTALLATION METHOD	MISSILE IMPACT RATING
	WIDTH	HEIGHT						
PW	86.25"	83.5"	STANDARD	+35/-35	-	OFFSET OR FLUSH	NAIL FIN AND STRAP	NON-IMPACT
			HP	+50/-75				
PW-PW-PW	119.5"	83.5"	STANDARD	+35/-35	INTEGRAL - CHS			
			HP	+50/-60				
PW-PW	120"	83.5"	STANDARD	+35/-35	BOX - BACK TO BACK			
			HP	+50/-60				
PW-PW	96.25"	120"	STANDARD	+35/-35	BOX - BACK TO BACK W/ ¼" x 5" ALUMINUM PLATE			
			HP	+50/-60				
PW	120"	36"	STANDARD	+50/-50	-			

*SEE SHEETS 9-12 FOR QUALIFIED ALTERNATE SIZES



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PO BOX 8489
RED BLUFF, CA 96080
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TITLE: H3 2.0 DIRECT SET WINDOW (NON-HVHZ)(NON-IMPACT)

INSTALLATION & GENERAL NOTES

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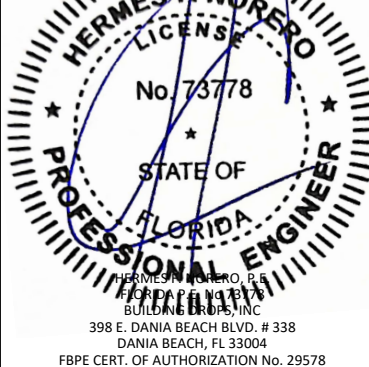
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DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.09.08 14:42:04 -0400



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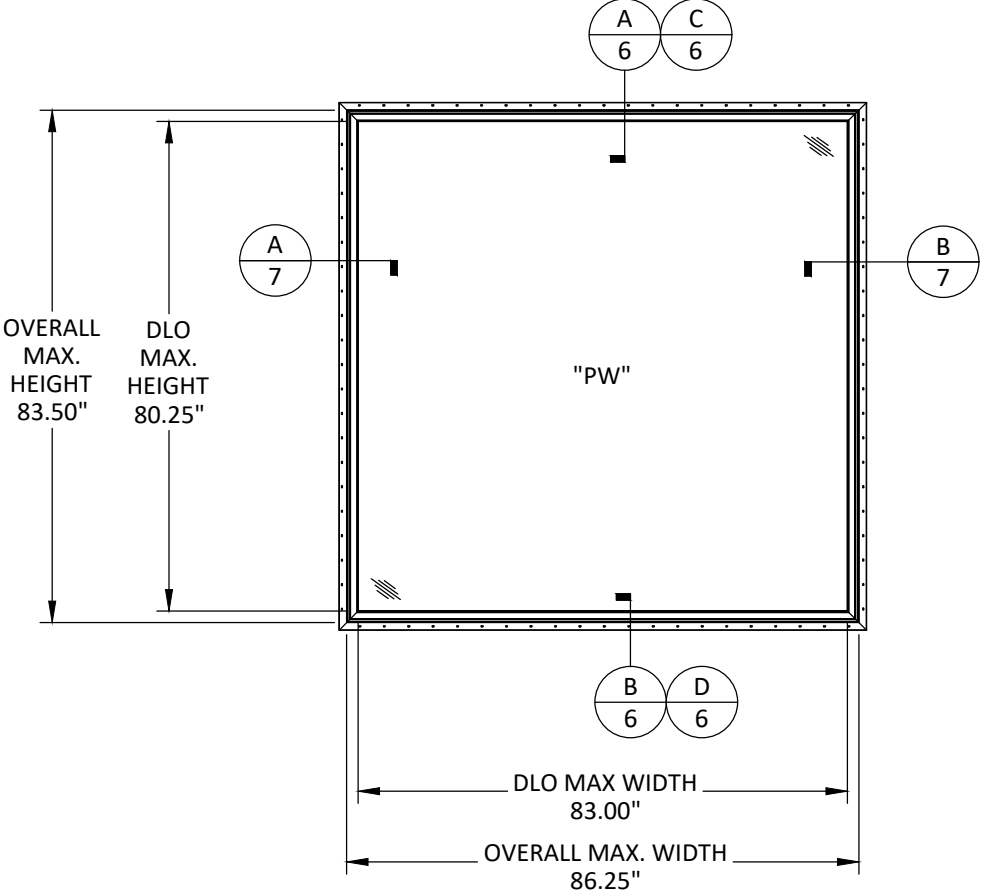
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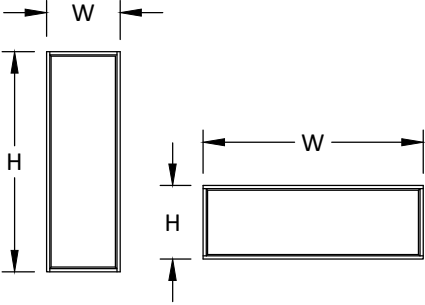
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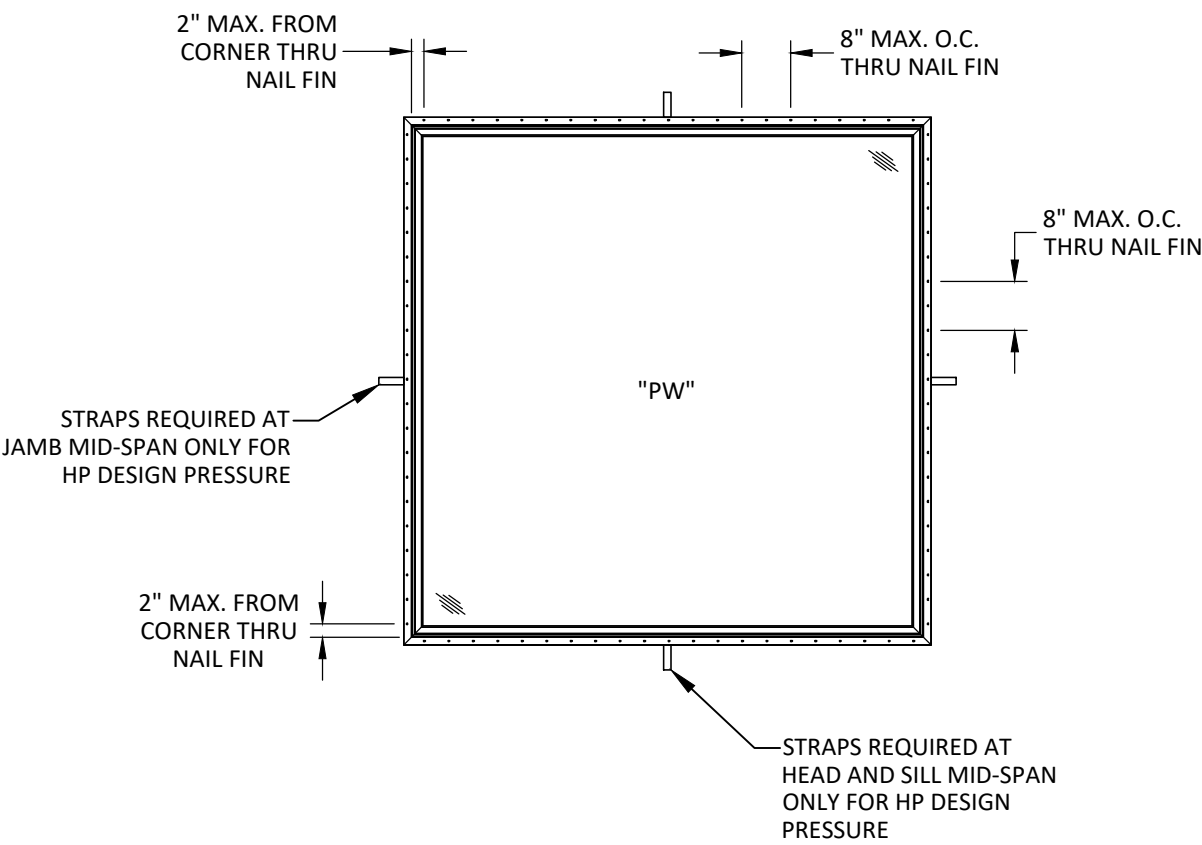
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EXTERIOR ELEVATION
PW



NOTE:
WINDOW WIDTH (W) AND HEIGHT (H) ARE INTERCHANGEABLE FOR ALL SIZES SHOWN HEREIN NOT TO EXCEED MAXIMUM TESTED SQUARE FOOT AREA.



ANCHOR LAYOUT
NAIL FIN AND STRAP



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ELEVATIONS AND ANCHOR LAYOUT

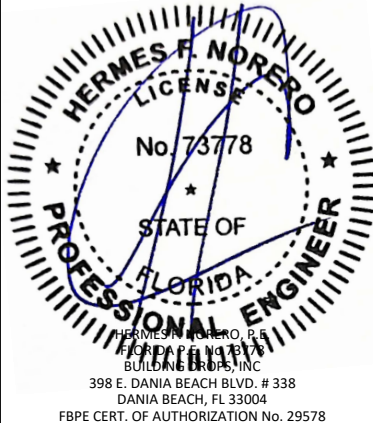
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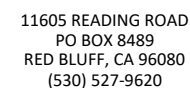


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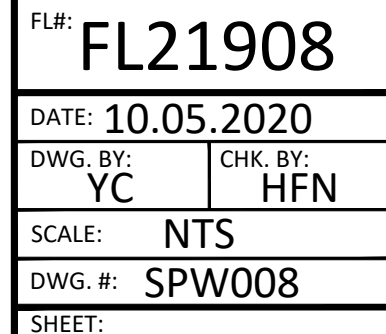
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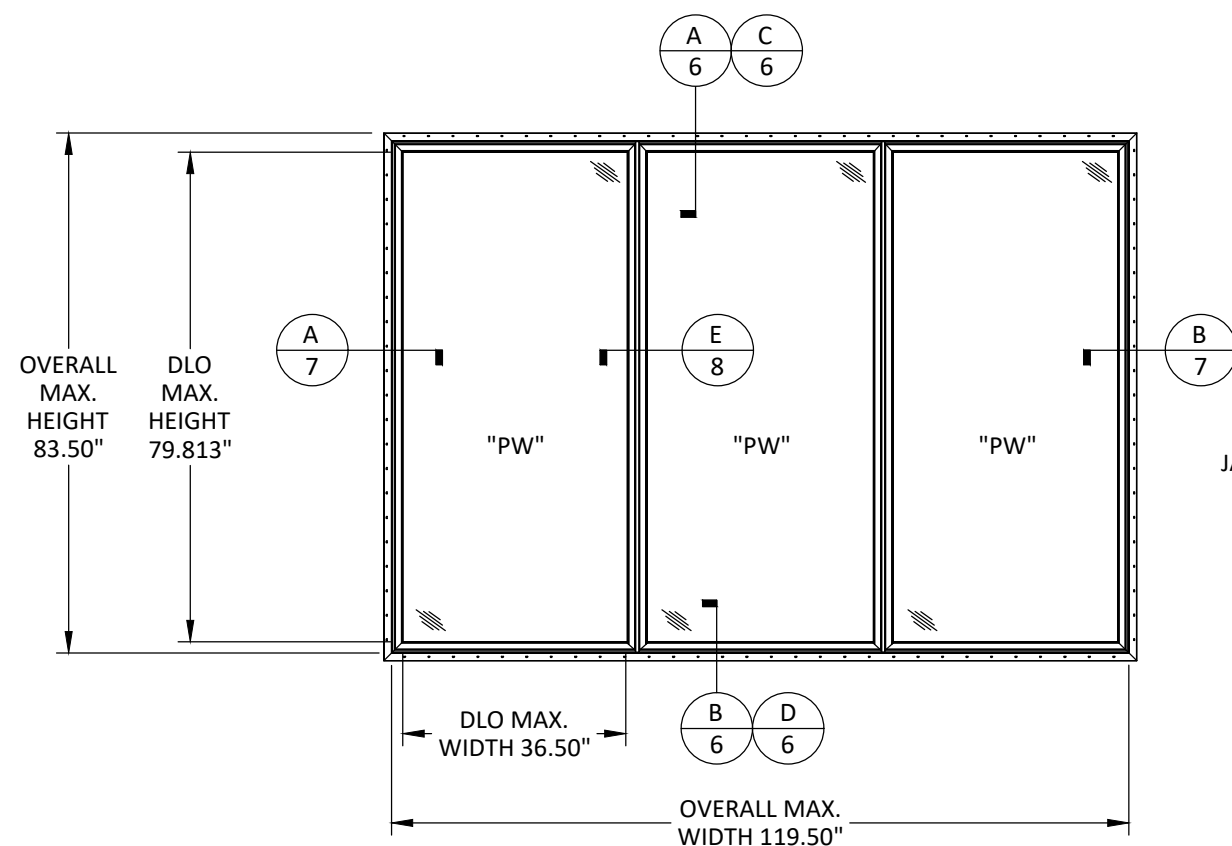
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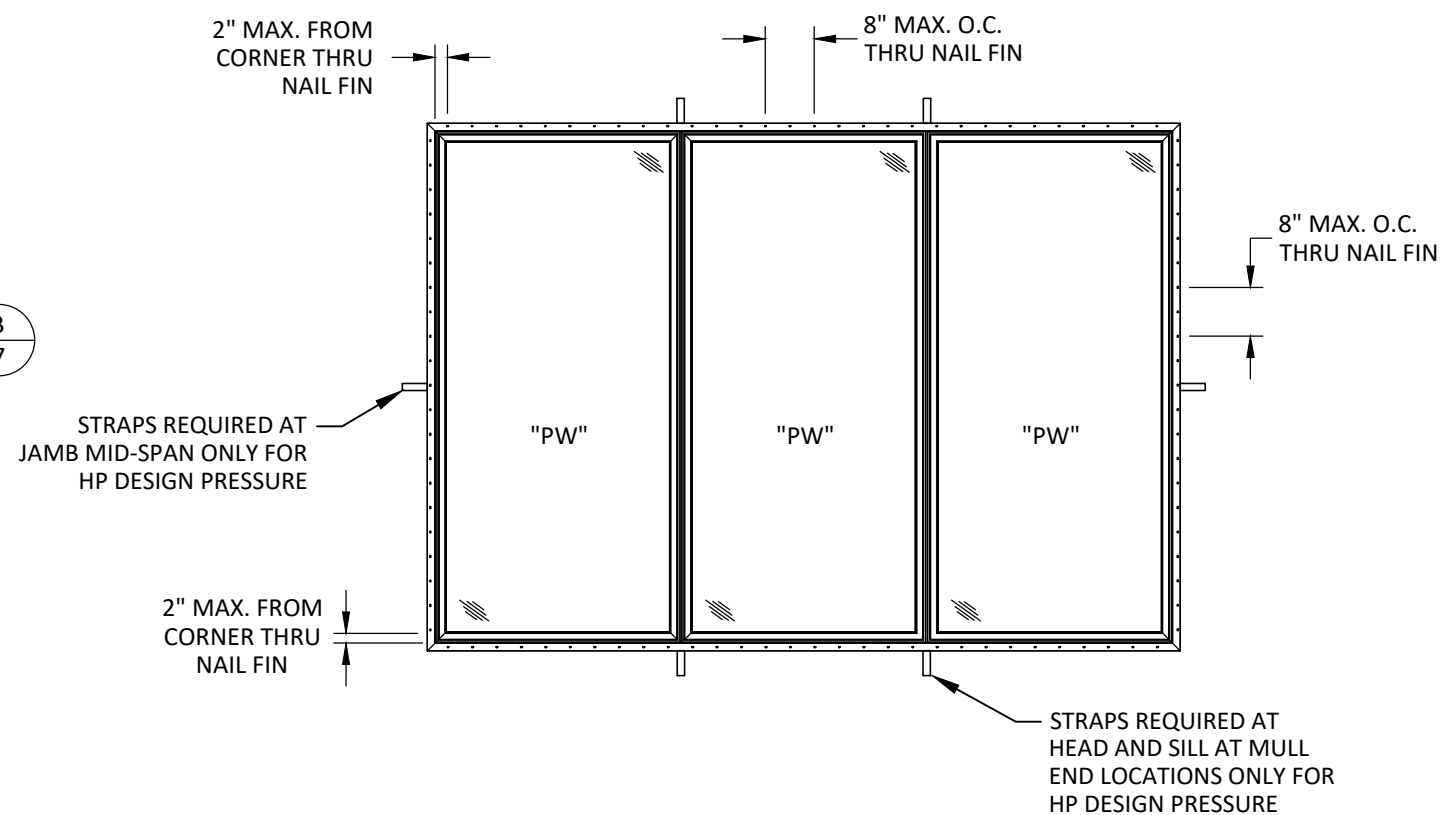
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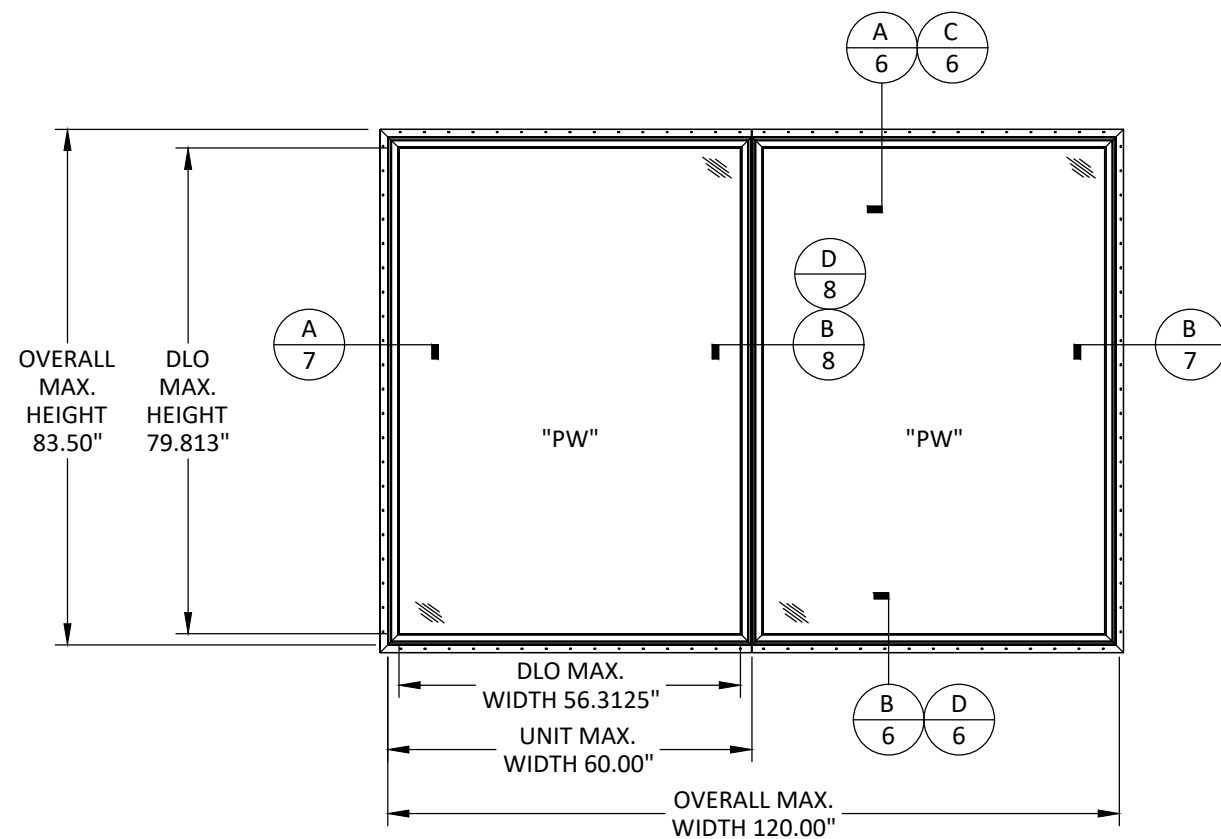
EXTERIOR ELEVATION
PW-PW-PW
CONTINUOUS HEAD AND SILL



ANCHOR LAYOUT

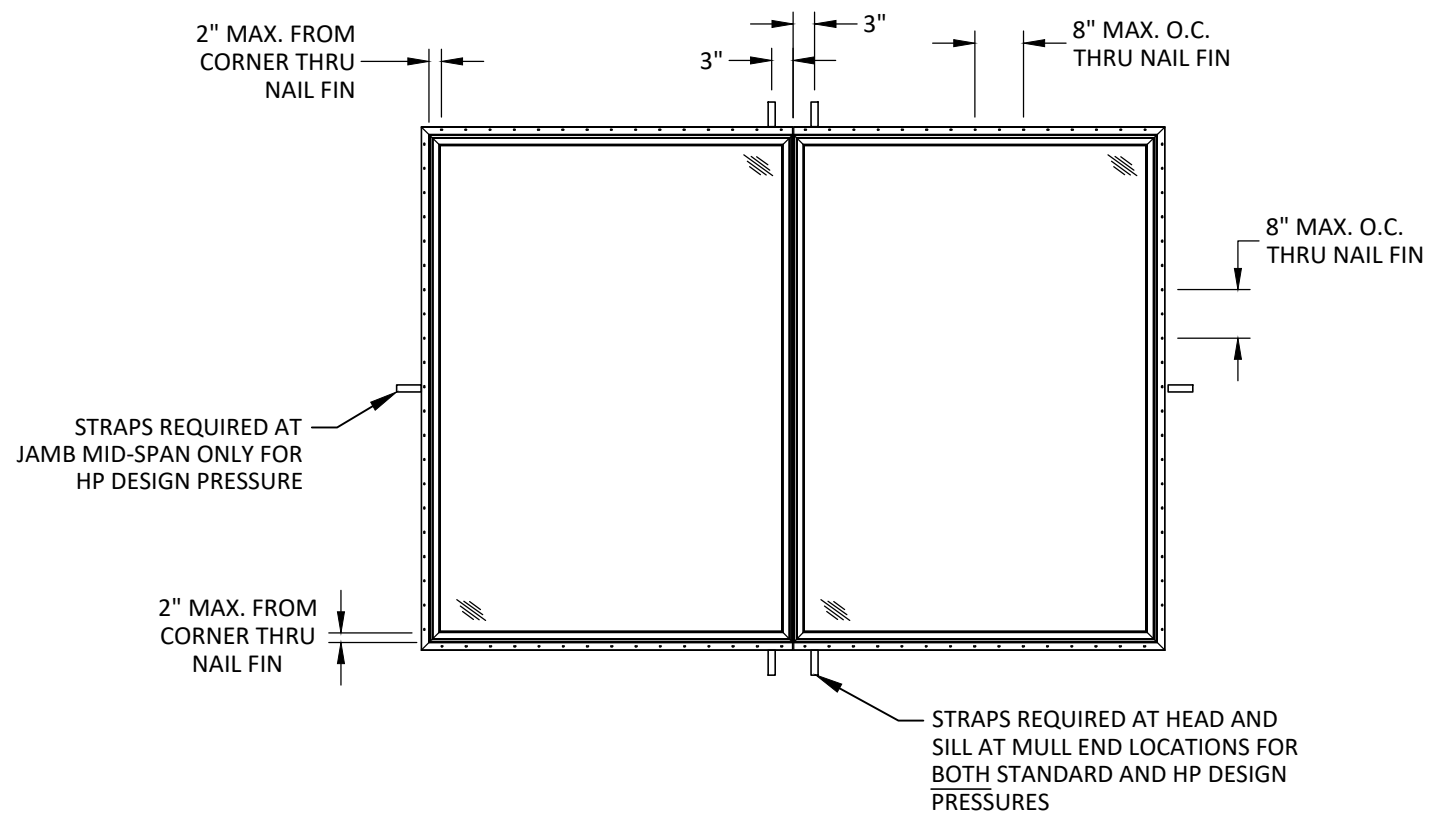
PW-PW-PW

NAIL FIN AND STRAP



EXTERIOR ELEVATION

BACK TO BACK MULL



ANCHOR LAYOUT

PW-PW

NAIL FIN AND STRAP



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ELEVATION AND ANCHOR LAYOUT

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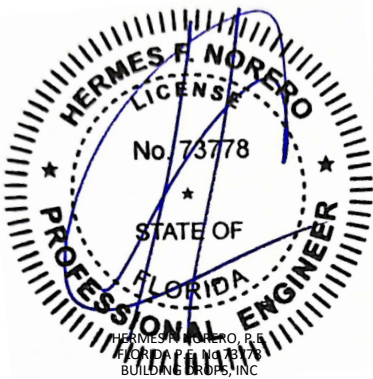
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HERMES H. MORENO, P.E.
FLORIDA P.E. No. 13178
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
E CERT. OF AUTHORIZATION No. 29578

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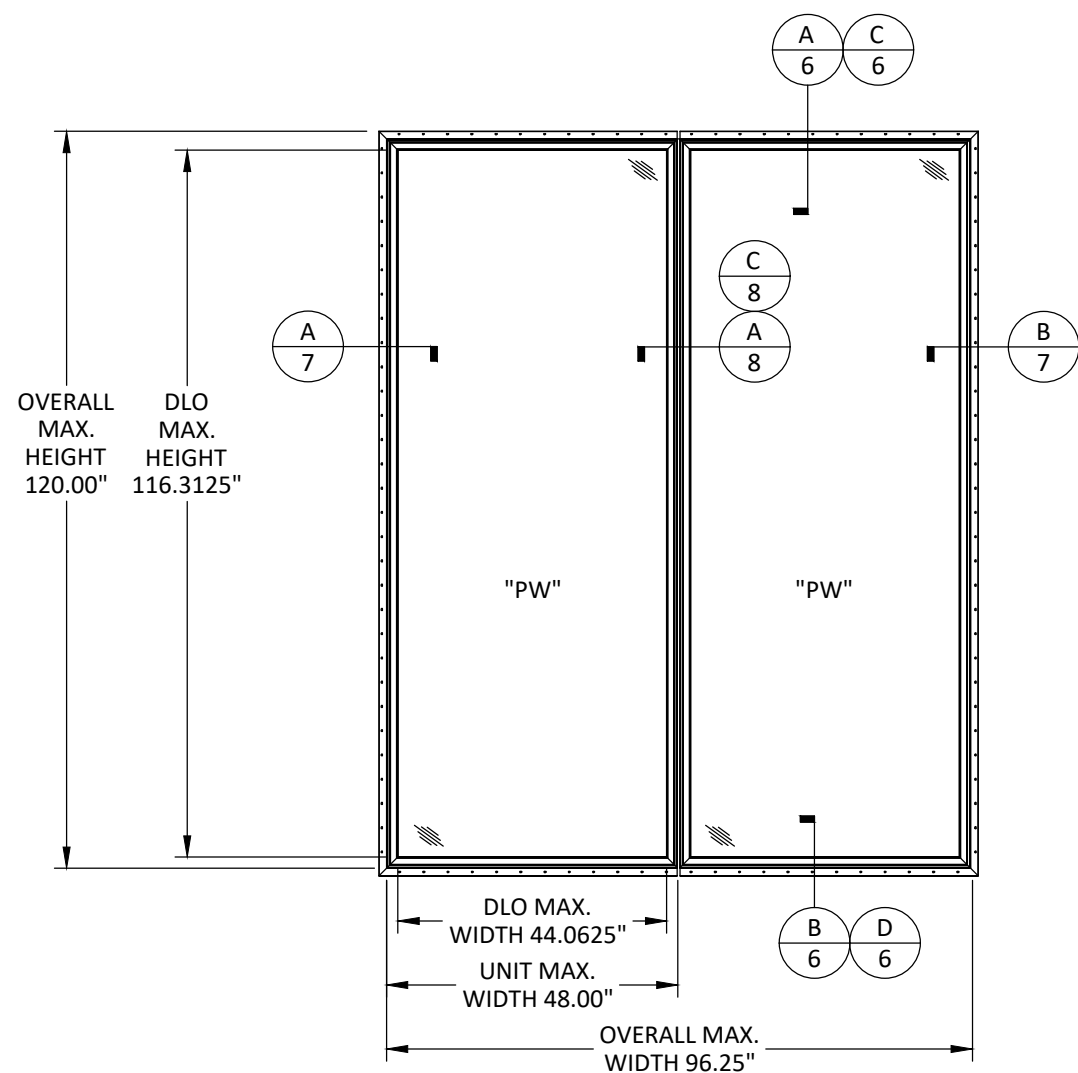
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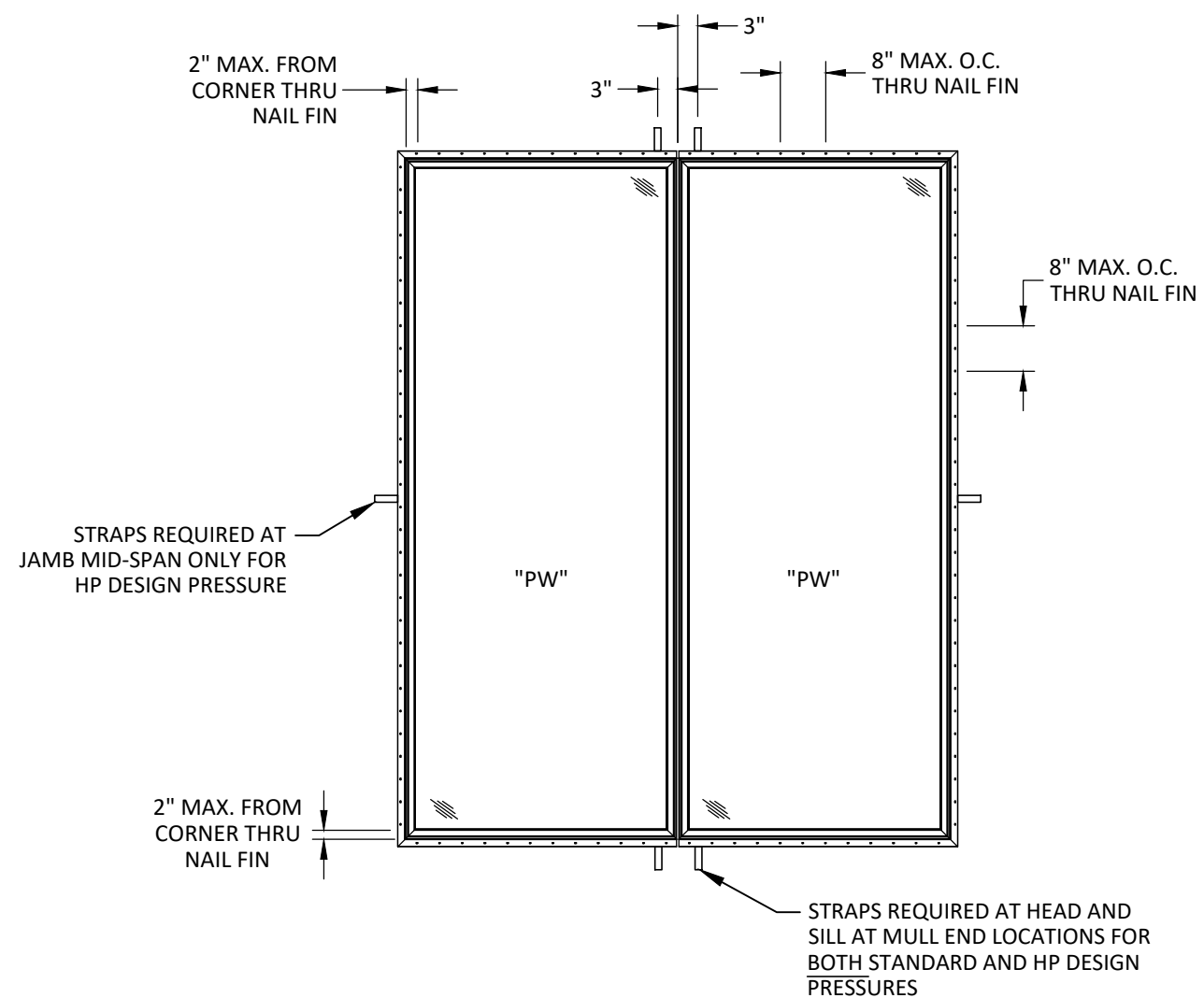
SHEET:

4

OF 12



EXTERIOR ELEVATION
PW-PW
1/4" X 5" ALUMINUM PLATE MULL



ANCHOR LAYOUT

PW-PW

NAIL FIN AND STRAP



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ELEVATION AND ANCHOR LAYOUT

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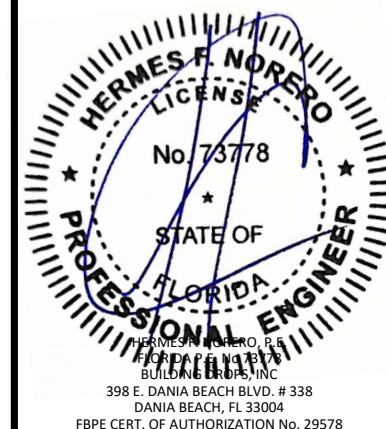
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DANIA BEACH, FL 33004
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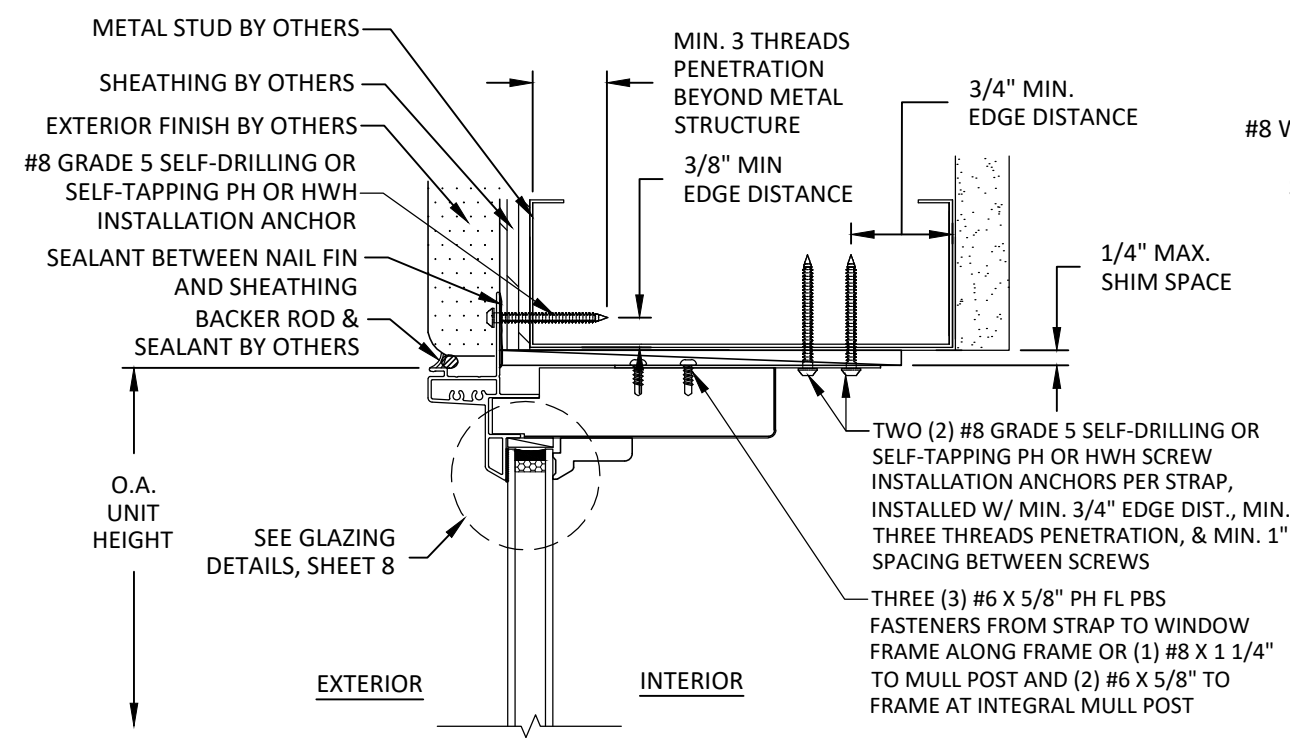
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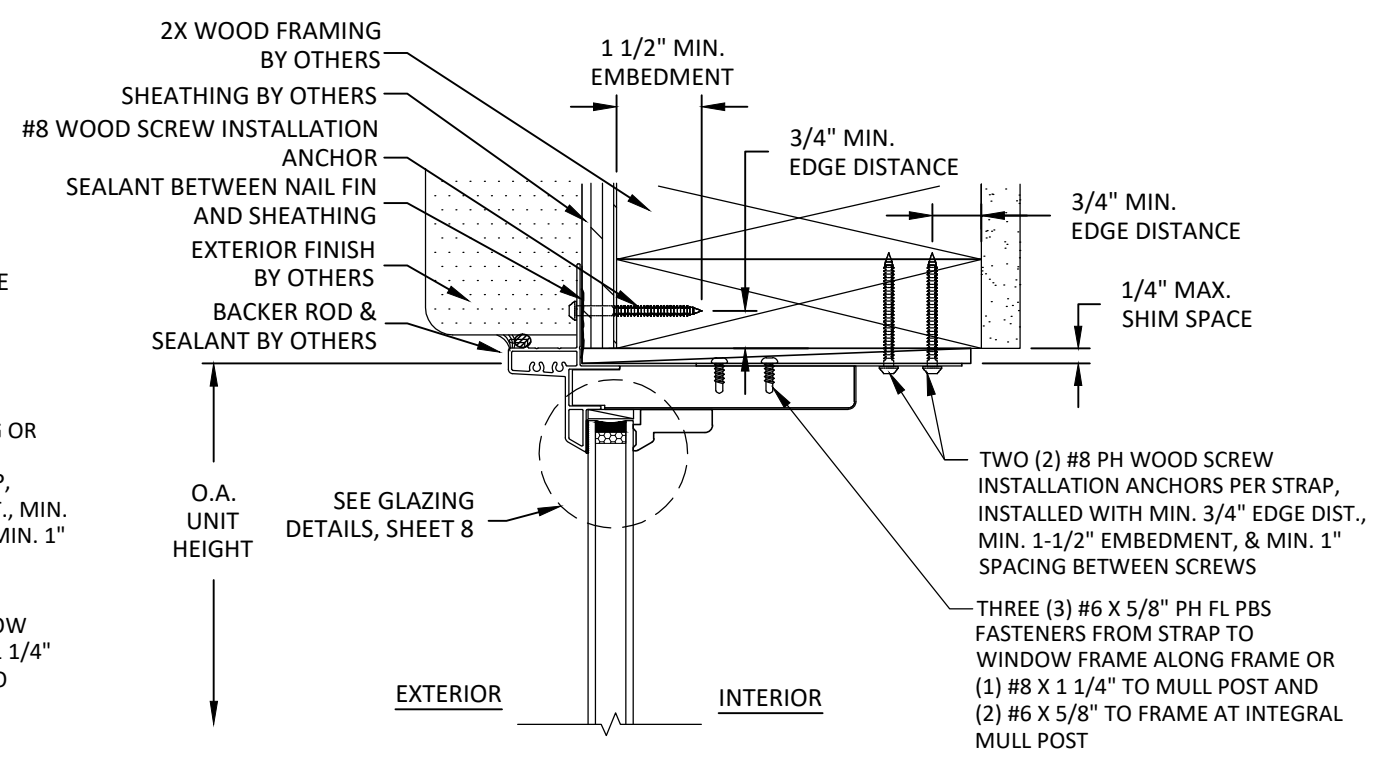
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OF 12

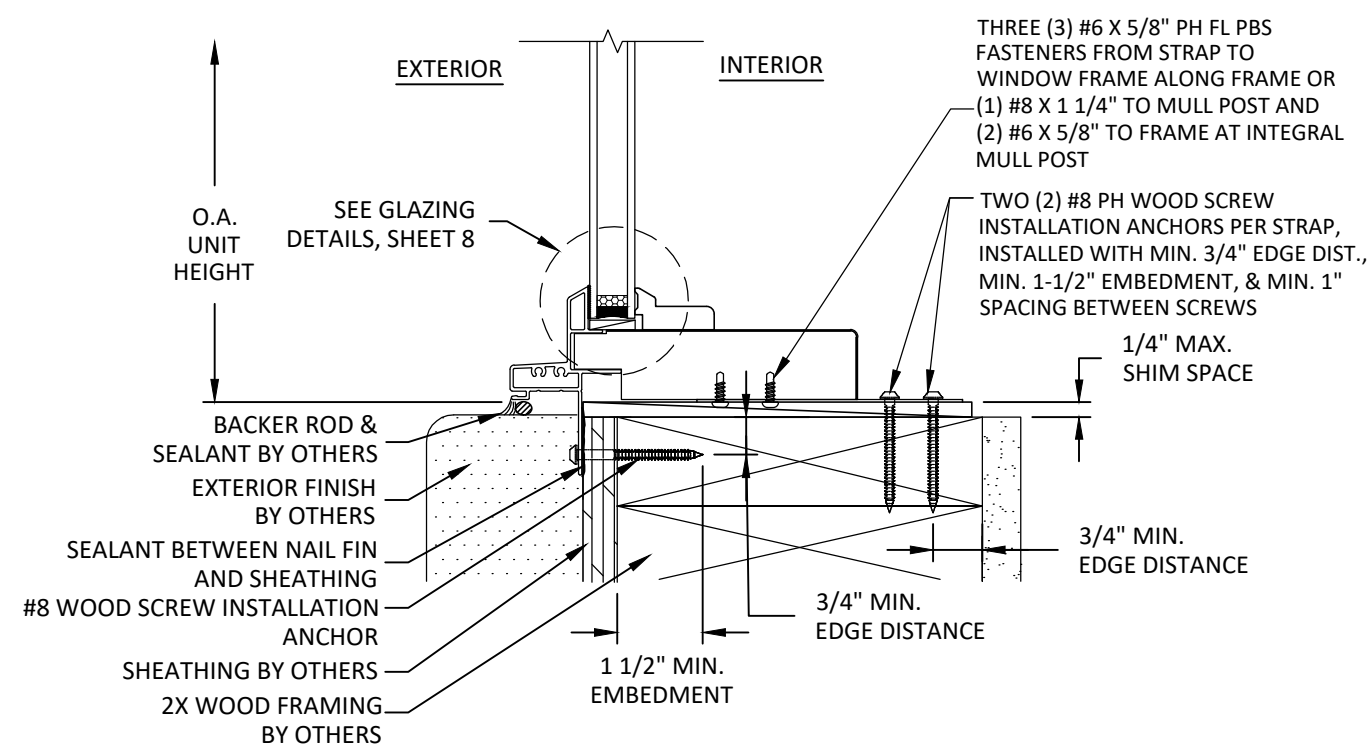
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A
6 **VERTICAL SECTION**
DIRECT SET HEAD - FLUSH FRAME
FIN INSTALLATION - METAL STUD

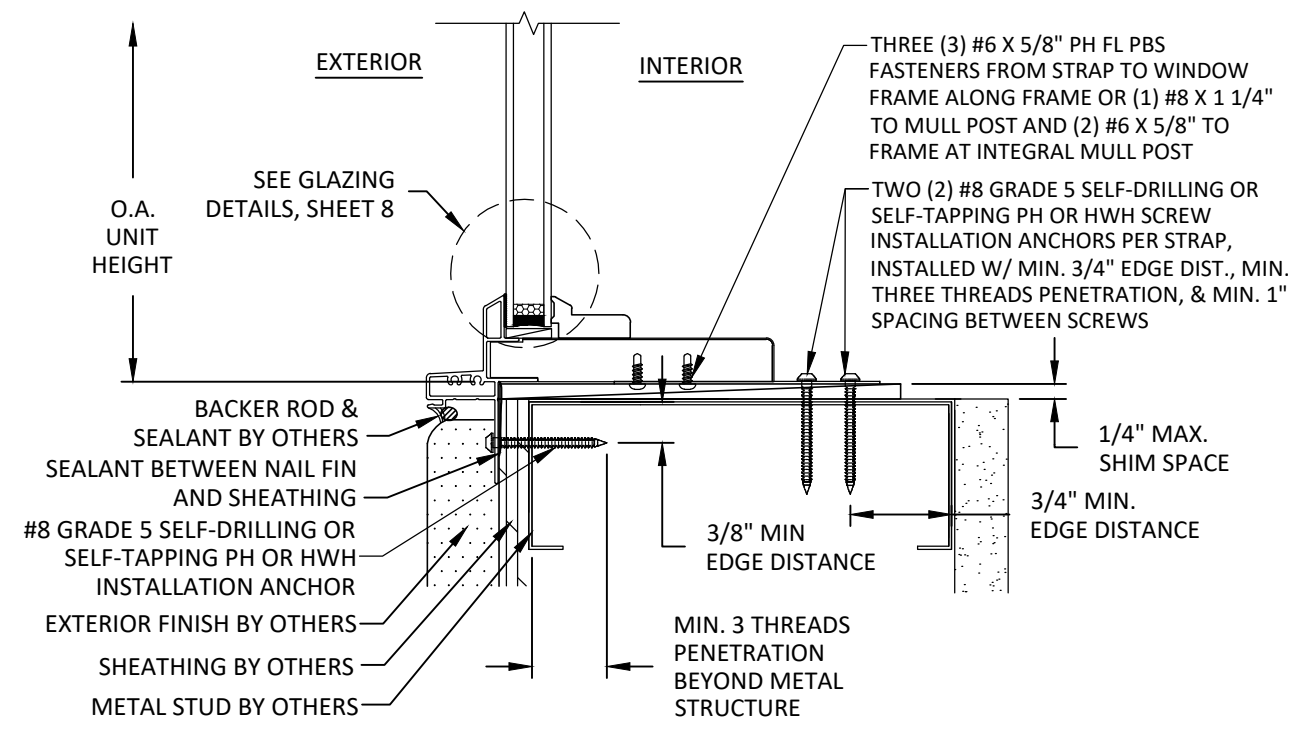


C
6 **VERTICAL SECTION**
DIRECT SET HEAD - OFFSET FRAME
FIN INSTALLATION - 2X WOOD STUD



B
6 **VERTICAL SECTION**
DIRECT SET SILL - FLUSH FRAME
FIN INSTALLATION - 2X WOOD STUD

NOTE: LOCATE NAIL FIN AND STRAP
ANCHORS AS INDICATED ON
ANCHOR LAYOUT ELEVATIONS,
SHEETS 2 - 5.



D
6 **VERTICAL SECTION**
DIRECT SET SILL - OFFSET FRAME
FIN INSTALLATION - STEEL STUD



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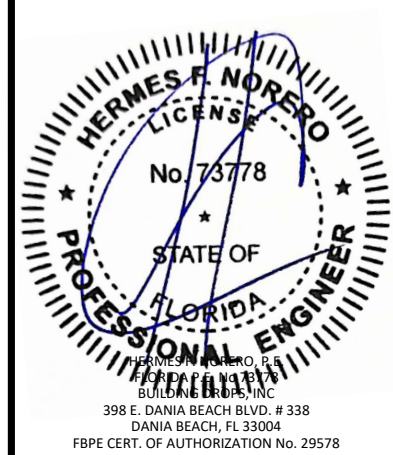
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VERTICAL SECTIONS

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PH: (954) 399-8478
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WEB: www.buildingdrops.com

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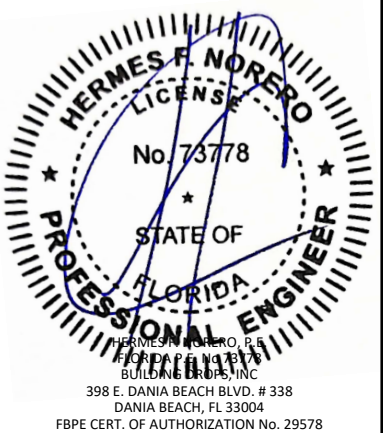
HORIZONTAL SECTIONS

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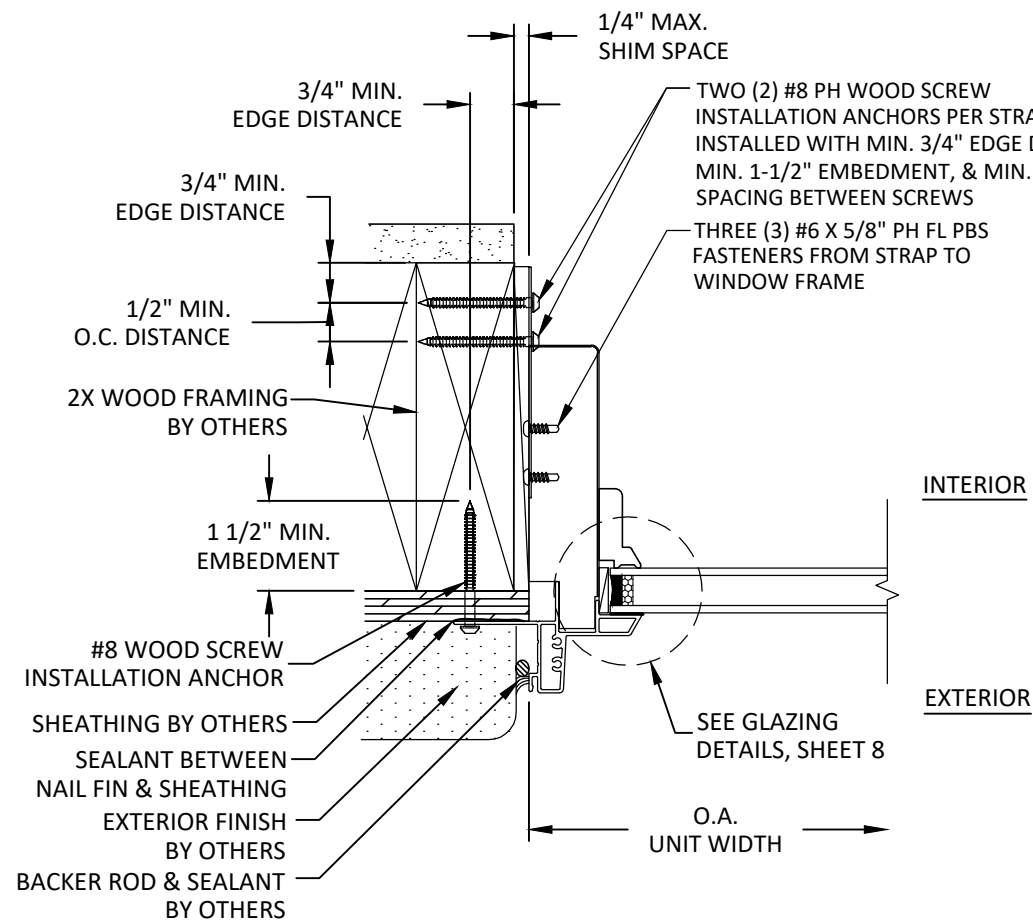
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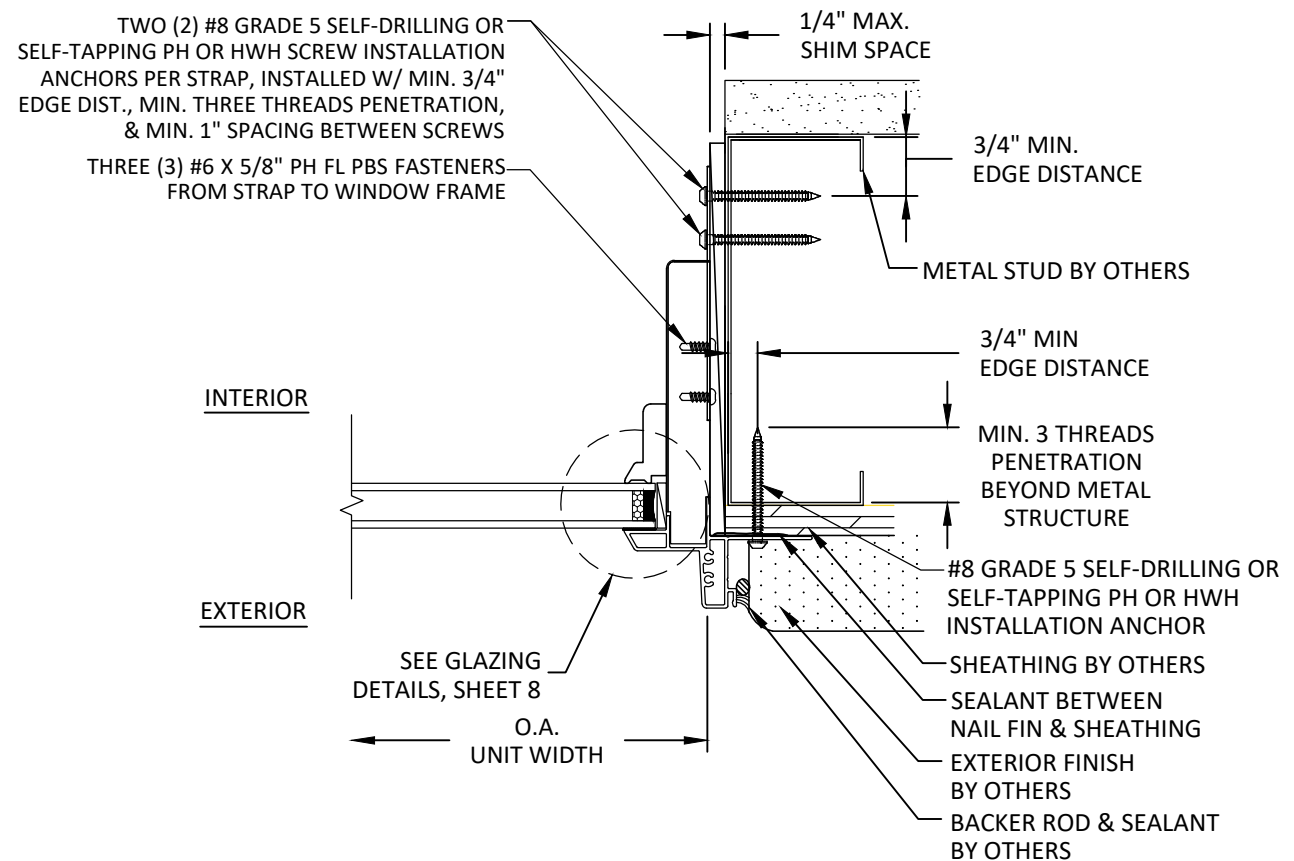
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A **7** **HORIZONTAL SECTION**

DIRECT SET JAMB - FLUSH FRAME
FIN INSTALLATION - 2X WOOD FRAME

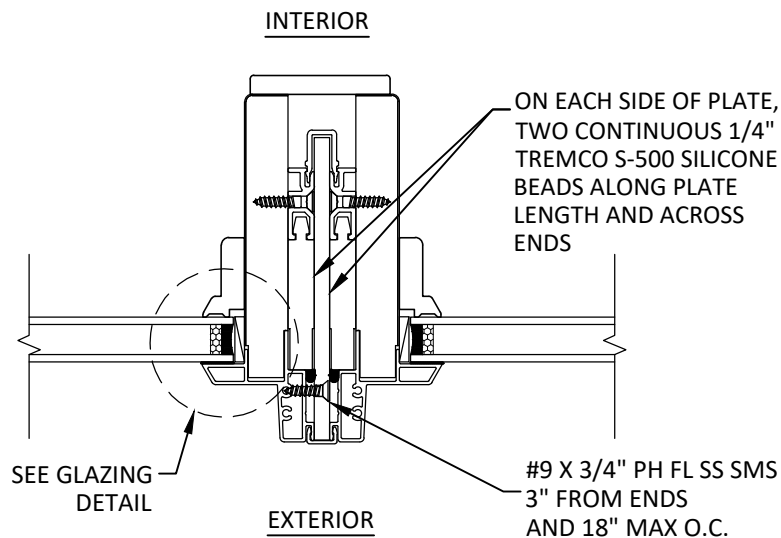
NOTE: LOCATE NAIL FIN AND STRAP ANCHORS AS INDICATED ON ANCHOR LAYOUT ELEVATIONS, SHEETS 2 - 5



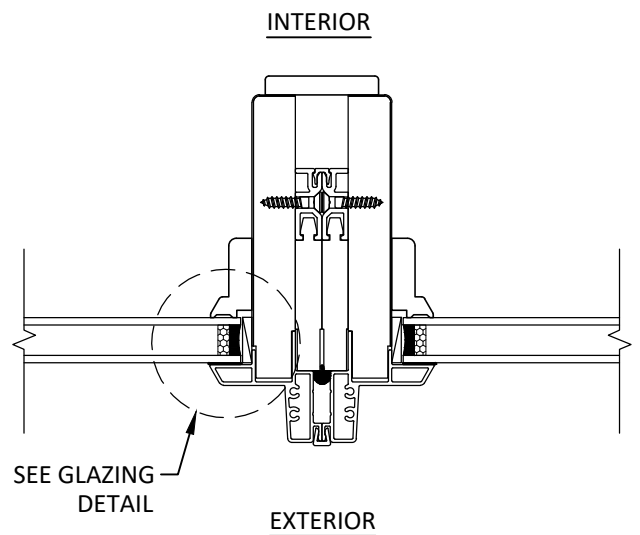
B 7 HORIZONTAL SECTION

FIXED JAMB - OFFSET JAMB
FIN INSTALLATION - STEEL STUD

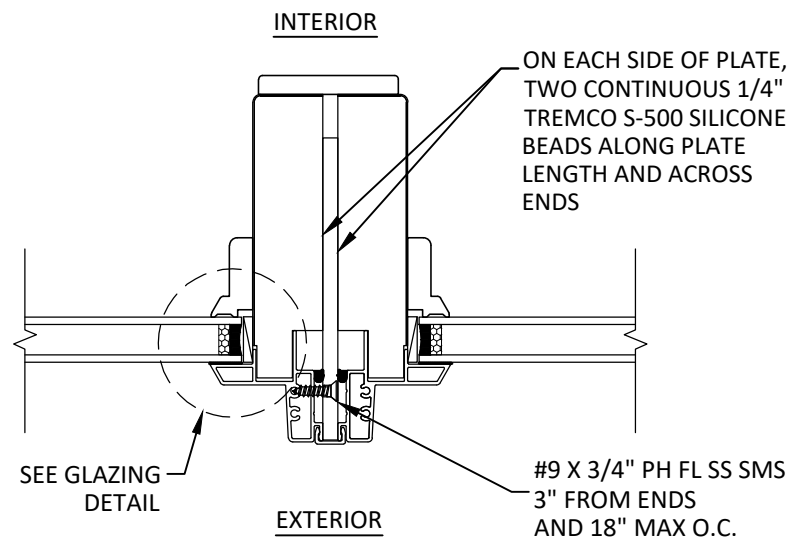
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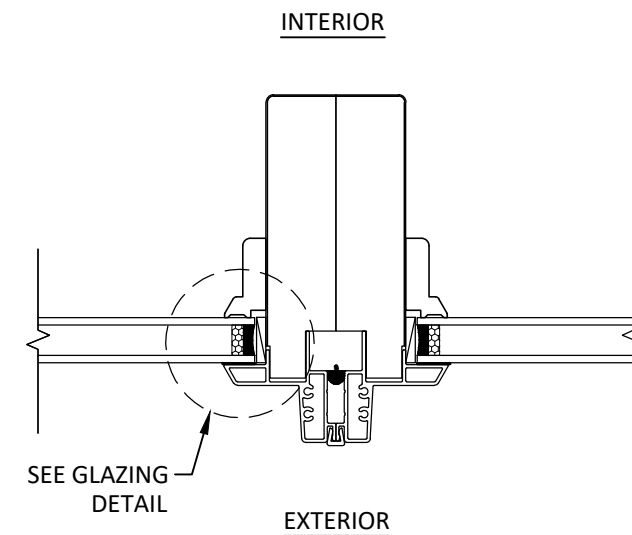
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8 **HORIZONTAL SECTION**
1/4" X 5" ALUMINUM PLATE MULLION
OFFSET FRAMES



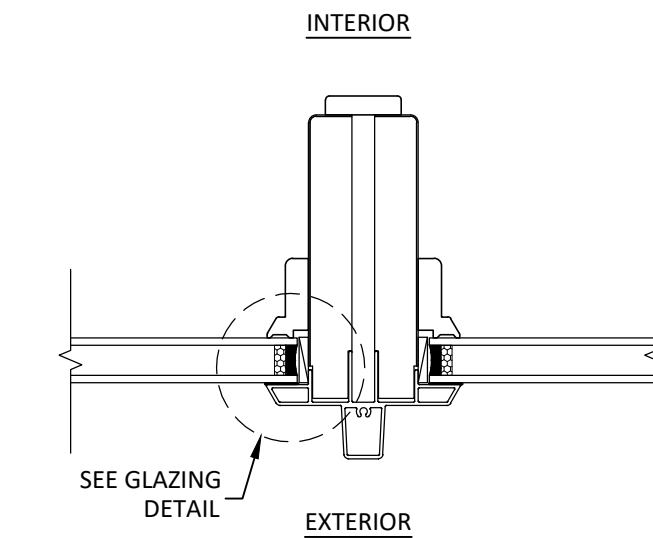
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BACK TO BACK MULLION
OFFSET FRAMES



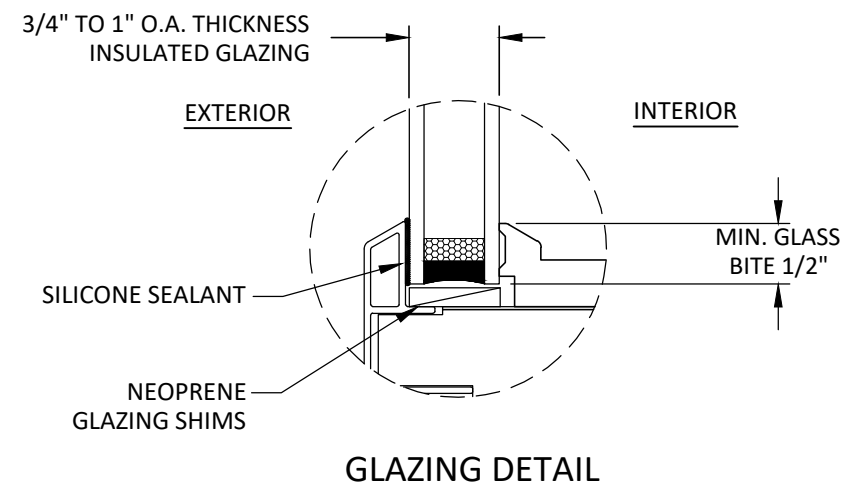
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8 **HORIZONTAL SECTION**
1/4" X 5" ALUMINUM PLATE MULLION
FLUSH FRAMES



D
8 **HORIZONTAL SECTION**
BACK TO BACK MULLION
FLUSH FRAMES



E
8 **HORIZONTAL SECTION**
CHS INTEGRAL MULLION
OFFSET FRAMES



- GLAZING NOTES**
- 1) GLASS TYPE AND THICKNESS COMPLIES WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE FBC. THICKNESS, TEMPER, AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
 - 2) SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
 - 3) SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
 - 4) D.L.O. MAY NOT EXCEED MAX DIMENSIONS SHOWN ON ELEVATIONS



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HORIZONTAL SECTIONS

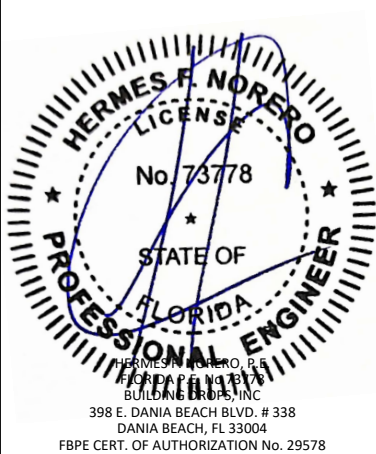
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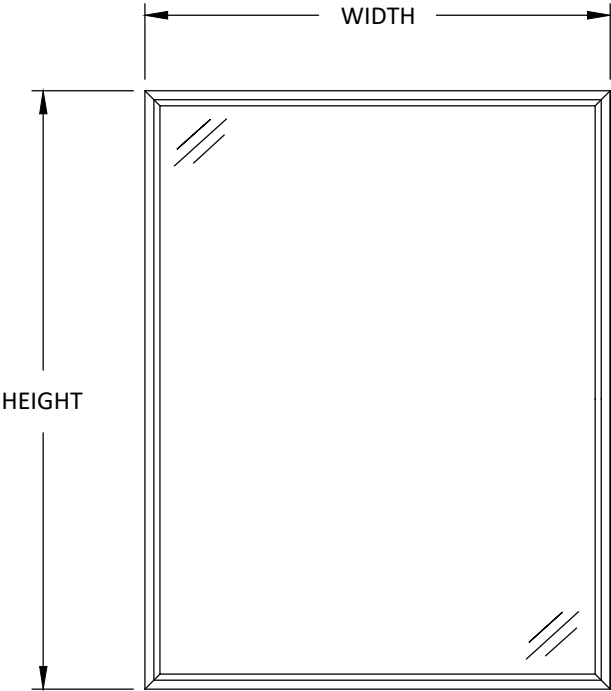


FL#:	FL21908
DATE:	10.05.2020
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CHK. BY:	HFN
SCALE:	NTS
DWG. #:	SPW008
SHEET:	8

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DIRECT SET - SINGLE UNIT
ALLOWABLE SIZES
OFFSET OR FLUSH FRAMES

SINGLE UNIT DESIGN PRESSURE CAPACITY CHART (PSF)					
WIDTH (IN)	HEIGHT (IN)	STANDARD INSTALL.		HP INSTALL.	
		POSITIVE DP	NEGATIVE DP	POSITIVE DP	NEGATIVE DP
54	66	35.0	35.0	50.0	75.0
60		35.0	35.0	50.0	75.0
66		35.0	35.0	50.0	75.0
72		35.0	35.0	50.0	75.0
78		35.0	35.0	50.0	75.0
84		35.0	35.0	50.0	75.0
90		35.0	35.0	50.0	75.0
96		34.8	34.8	49.7	74.6
102		33.8	33.8	48.2	72.4
54	72	35.0	35.0	50.0	75.0
60		35.0	35.0	50.0	75.0
66		35.0	35.0	50.0	75.0
72		35.0	35.0	50.0	75.0
78		35.0	35.0	50.0	75.0
84		35.0	35.0	50.0	75.0
90		34.9	34.9	49.9	74.8
96		33.5	33.5	47.9	71.8
54	78	35.0	35.0	50.0	75.0
60		35.0	35.0	50.0	75.0
66		35.0	35.0	50.0	75.0
72		35.0	35.0	50.0	75.0
78		35.0	35.0	50.0	75.0
84		35.0	35.0	50.0	75.0
90		34.1	34.1	48.7	73.1
54	84	35.0	35.0	50.0	75.0
60		35.0	35.0	50.0	75.0
66		35.0	35.0	50.0	75.0
72		35.0	35.0	50.0	75.0
78		35.0	35.0	50.0	75.0
84		34.8	34.8	49.7	74.6
54	90	35.0	35.0	50.0	75.0
60		35.0	35.0	50.0	75.0
66		35.0	35.0	50.0	75.0
72		34.9	34.9	49.9	74.8
78		34.1	34.1	48.7	73.1
54	96	35.0	35.0	50.0	75.0
60		35.0	35.0	50.0	75.0
66		34.8	34.8	49.7	74.6
72		33.5	33.5	47.9	71.8
54	102	35.0	35.0	50.0	75.0
60		35.0	35.0	50.0	75.0
66		33.8	33.8	48.2	72.4
54	108	35.0	35.0	50.0	75.0
60		34.8	34.8	49.7	74.6
66		32.9	32.9	47.0	70.5
54	114	35.0	35.0	50.0	75.0
60		34.1	34.1	48.7	73.1
54	120	35.0	35.0	50.0	75.0
60		33.5	33.5	47.9	71.8



NOTES:

1. GLAZING SHALL MEET E1300 GLASS CHART REQUIREMENTS, SEE SHEET 8 FOR GLAZING DETAILS
2. SEE SHEET 2 FOR STANDARD AND HP INSTALLATION REQUIREMENT DETAILS.



11605 READING ROAD
PO BOX 8489
RED BLUFF, CA 96080
(530) 527-9620

TITLE: H3 2.0 DIRECT SET WINDOW
(NON-HVHZ)(NON-IMPACT)

SINGLE UNIT DESIGN PRESSURE TABLE

PREPARED BY:

BUILDING DROPS, INC.

398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004

PH: (954)399-8478
FAX: (954)744-4738

WEB: www.buildingdrops.com



REMARKS	BY	DATE
CODE CHANGE 2020	YC	09/20
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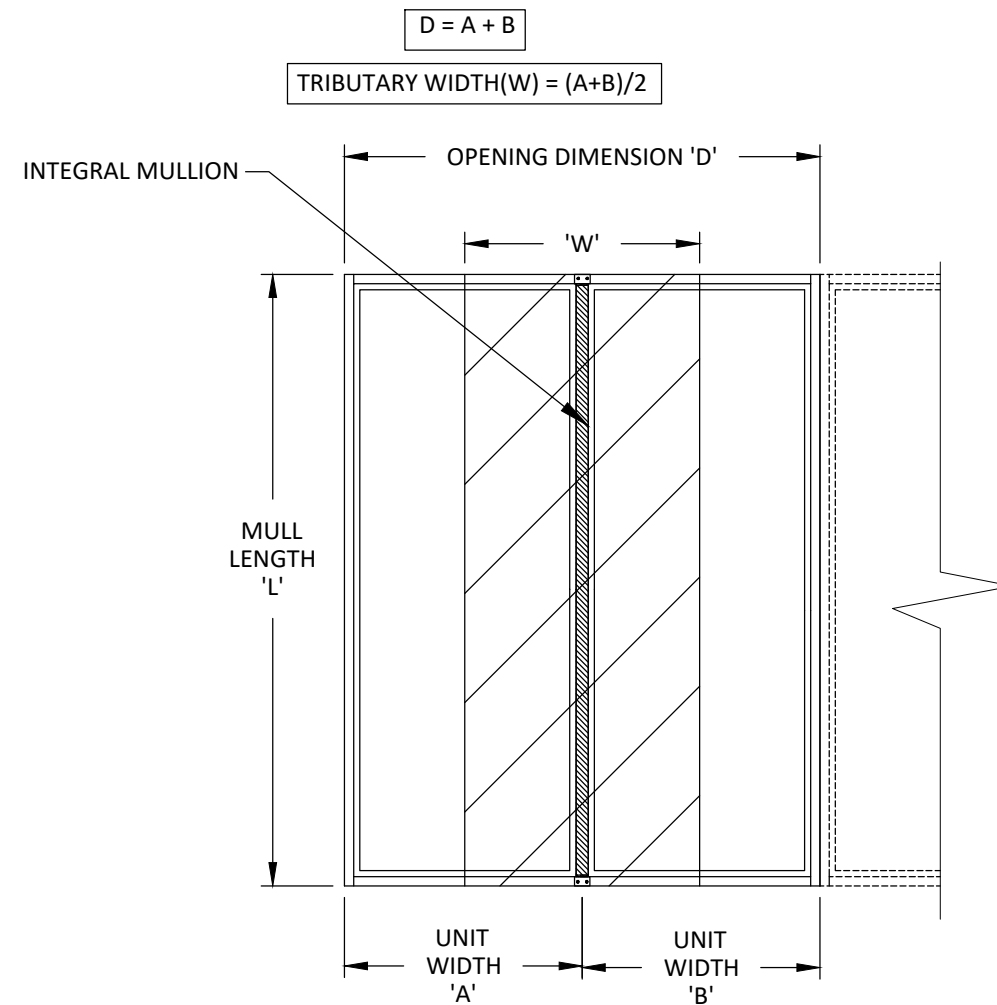
THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



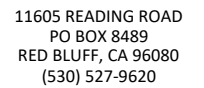
FL#:	FL21908
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YC	HFN
SCALE:	NTS
DWG. #:	SPW008
SHEET:	

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WIDTH (IN)	HEIGHT (IN)	STANDARD INSTALL.		HP INSTALL.	
		POSITIVE DP	NEGATIVE DP	POSITIVE DP	NEGATIVE DP
30	66	35.0	35.0	50.0	60.0
33		35.0	35.0	50.0	60.0
36		35.0	35.0	50.0	60.0
39		35.0	35.0	50.0	60.0
42		35.0	35.0	47.4	56.9
45		35.0	35.0	44.3	53.1
48		35.0	35.0	41.5	49.8
30	72	35.0	35.0	50.0	60.0
33		35.0	35.0	50.0	60.0
36		35.0	35.0	50.0	60.0
39		35.0	35.0	50.0	60.0
42		35.0	35.0	47.4	56.9
45		35.0	35.0	44.3	53.1
30	78	35.0	35.0	50.0	60.0
33		35.0	35.0	50.0	60.0
36		35.0	35.0	50.0	60.0
39		35.0	35.0	50.0	60.0
42		35.0	35.0	47.4	56.9
45		35.0	35.0	44.3	53.1
30	84	35.0	35.0	50.0	60.0
33		35.0	35.0	50.0	60.0
36		35.0	35.0	50.0	60.0
39		34.9	34.9	49.9	59.9
42		35.0	35.0	50.0	60.0
30	90	32.5	32.5	46.4	55.6
33		30.1	30.1	43.0	51.5
36		29.0	29.0	41.4	49.7
33	96	26.6	26.6	38.0	45.5



1. 'ONE-WAY' CONFIGURATIONS REFER TO VERTICAL SINGLE SPAN CHS ASSEMBLIES SIMILAR TO THOSE DIAGRAMMED ON THIS SHEET. TWIN AND TRIPLE CHS ASSEMBLIES ARE QUALIFIED SUCH THAT WIDTH AND HEIGHT DIMENSIONS IN CHART ARE NOT EXCEEDED.
2. SEE SHEET 3 FOR STANDARD AND HP INSTALLATION REQUIREMENT DETAILS.



ONE-WAY DESIGN PRESSURE TABLE

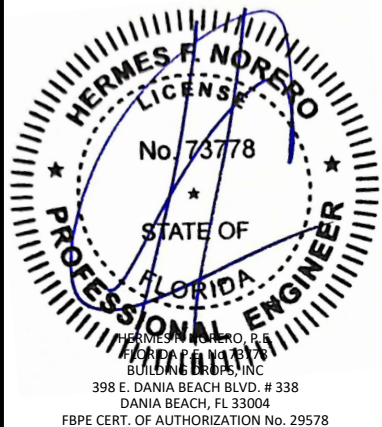
PREPARED BY:

 **BUILDING DROPS**

BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
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REMARKS	BY	DATE
CODE CHANGE 2020	YC	09/20
CODE CHANGE 2023	MG	08/23

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FL#: **FL21908**

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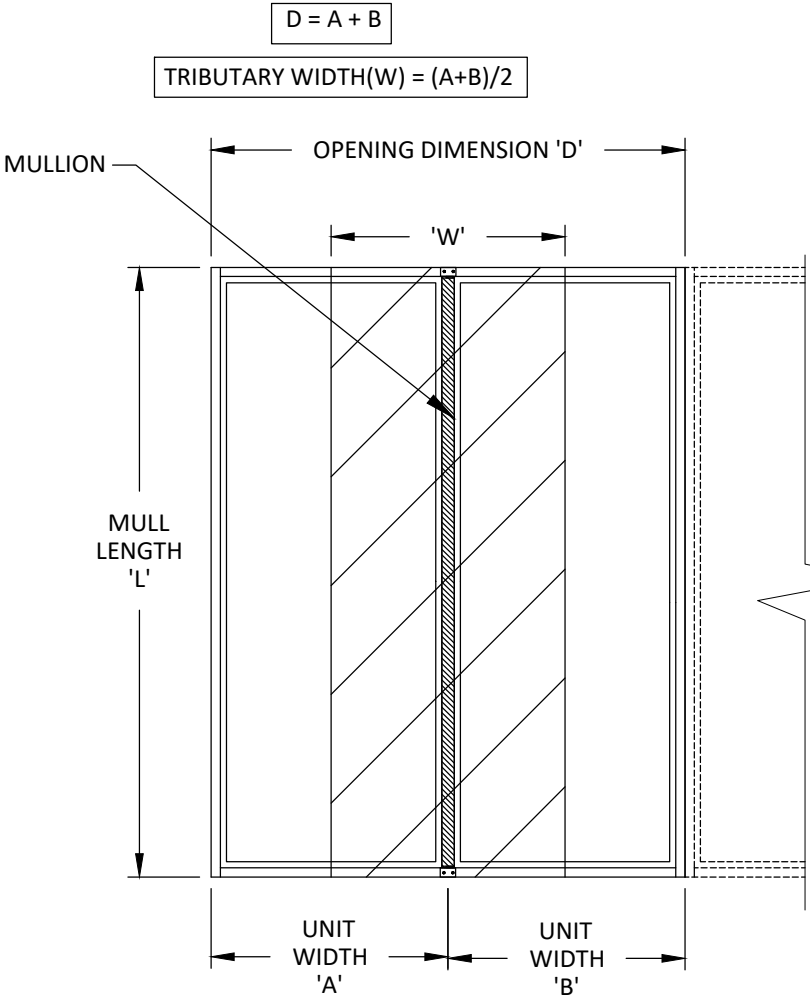
SCALE: NTS

DWG. #: SPW008

SHEET:

DIRECT SET BACK TO BACK BOX MULLION
ONE-WAY CONFIGURATIONS
OFFSET OR FLUSH FRAMES

BACK TO BACK BOX MULLION DESIGN PRESSURE CAPACITY CHART (PSF)					
WIDTH (IN)	HEIGHT (IN)	STANDARD INSTALL.		HP INSTALL.	
		POSITIVE DP	NEGATIVE DP	POSITIVE DP	NEGATIVE DP
60	66	35.0	35.0	50.0	60.0
63		35.0	35.0	47.6	57.1
66		35.0	35.0	45.5	54.5
69		35.0	35.0	45.5	54.5
72		35.0	35.0	45.5	54.5
75	72	35.0	35.0	45.5	54.5
60		35.0	35.0	50.0	60.0
63		35.0	35.0	47.6	57.1
66		35.0	35.0	45.5	54.5
69		35.0	35.0	43.5	52.2
54	78	35.0	35.0	50.0	60.0
57		35.0	35.0	50.0	60.0
60		35.0	35.0	50.0	60.0
63		35.0	35.0	47.6	57.1
51		35.0	35.0	50.0	60.0
54	84	35.0	35.0	50.0	60.0
57		35.0	35.0	50.0	60.0
60		35.0	35.0	50.0	60.0
42		35.0	35.0	50.0	60.0
45		33.2	33.2	47.4	56.9
48	90	31.6	31.6	45.1	54.1
51		30.2	30.2	43.1	51.8
54		29.0	29.0	41.4	49.7
33		35.0	35.0	50.0	60.0
36		32.7	32.7	46.7	56.0
39	96	30.5	30.5	43.5	52.2
42		28.6	28.6	40.9	49.0
45		27.0	27.0	38.6	46.3
48		25.7	25.7	36.6	44.0
51		24.5	24.5	35.0	42.0
30	102	32.0	32.0	45.7	54.8
33		29.3	29.3	41.8	50.2
36		27.1	27.1	38.7	46.4
39		25.2	25.2	36.0	43.2
42		23.6	23.6	33.8	40.5
45	108	22.3	22.3	31.8	38.2
48		21.1	21.1	30.2	36.2
30		26.8	26.8	38.3	46.0
33		24.6	24.6	35.1	42.1
36		22.7	22.7	32.4	38.9
39	114	21.1	21.1	30.1	36.2
42		19.8	19.8	28.2	33.9
45		18.6	18.6	26.6	31.9
30		22.7	22.7	32.5	39.0
33		20.8	20.8	29.7	35.7
36	120	19.2	19.2	27.4	32.9
39		17.8	17.8	25.5	30.6
42		16.7	16.7	23.8	28.6
30		19.4	19.4	27.8	33.3
33		17.8	17.8	25.4	30.5
36	120	16.4	16.4	23.4	28.1
39		15.2	15.2	21.7	26.1



NOTES:

- 'ONE-WAY' MULLIONS REFER TO VERTICAL SINGLE SPAN ASSEMBLIES SIMILAR TO THOSE DIAGRAMMED ON THIS SHEET.
- SEE SHEETS 4 & 5 FOR STANDARD AND HP INSTALLATION REQUIREMENT DETAILS.
- MULLIONS MAY BE USED IN ASSEMBLIES UTILIZING AN UNLIMITED NUMBER WINDOWS.

DIRECT SET BACK TO BACK BOX MULLION
WITH 1/4" X 5"ALUMINUM PLATE
ONE-WAY CONFIGURATIONS
OFFSET OR FLUSH FRAMES

BACK TO BACK BOX MULLION DESIGN PRESSURE CAPACITY CHART (PSF)					
WIDTH (IN)	HEIGHT (IN)	STANDARD INSTALL.		HP INSTALL.	
		POSITIVE DP	NEGATIVE DP	POSITIVE DP	NEGATIVE DP
48	84	35.0	35.0	50.0	60.0
51		35.0	35.0	47.2	56.6
54		35.0	35.0	44.6	53.5
57		35.0	35.0	42.2	50.7
60		35.0	35.0	40.1	48.1
63		35.0	35.0	38.2	45.8
66		35.0	35.0	36.5	43.8
48	90	35.0	35.0	50.0	60.0
51		35.0	35.0	47.2	56.6
54		35.0	35.0	44.6	53.5
57		35.0	35.0	42.2	50.7
60		35.0	35.0	40.1	48.1
63		35.0	35.0	38.2	45.8
48	96	35.0	35.0	50.0	60.0
51		35.0	35.0	47.2	56.6
54		35.0	35.0	44.6	53.5
57		35.0	35.0	42.2	50.7
60		35.0	35.0	40.1	48.1
45		35.0	35.0	50.0	60.0
48	102	35.0	35.0	50.0	60.0
51		35.0	35.0	47.2	56.6
54		35.0	35.0	44.6	53.5
42	108	35.0	35.0	50.0	60.0
45		35.0	35.0	50.0	60.0
48		35.0	35.0	50.0	60.0
51		35.0	35.0	47.2	56.6
39		35.0	35.0	50.0	60.0
42	114	35.0	35.0	50.0	60.0
45		35.0	35.0	50.0	60.0
48		35.0	35.0	50.0	60.0
39		35.0	35.0	50.0	60.0
42	120	35.0	35.0	50.0	60.0
45		35.0	35.0	50.0	60.0
48		35.0	35.0	50.0	60.0
36		35.0	35.0	50.0	60.0
39	126	35.0	35.0	50.0	60.0
42		33.9	33.9	48.5	58.2
45		31.9	31.9	45.6	54.7
33	132	35.0	35.0	50.0	60.0
36		33.9	33.9	48.5	58.2
39		31.5	31.5	45.0	54.0
42		29.4	29.4	42.0	50.4
30	138	35.0	35.0	50.0	60.0
33		32.2	32.2	46.0	55.1
36		29.6	29.6	42.3	50.8
39		27.5	27.5	39.2	47.1
30	144	31.0	31.0	44.2	53.1
33		28.3	28.3	40.4	48.4
36		26.0	26.0	37.2	44.6
39		24.1	24.1	34.4	41.3



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PO BOX 8489
RED BLUFF, CA 96080
(530) 527-9620

TITLE: H3 2.0 DIRECT SET WINDOW
(NON-HVHZ)(NON-IMPACT)

ONE-WAY DESIGN PRESSURE TABLE

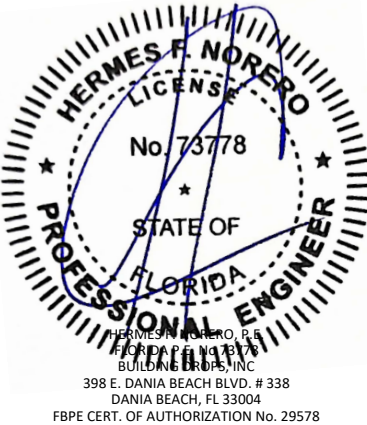
PREPARED BY: BUILDING DROPS, INC.

398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
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YC	HFN
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SHEET:	

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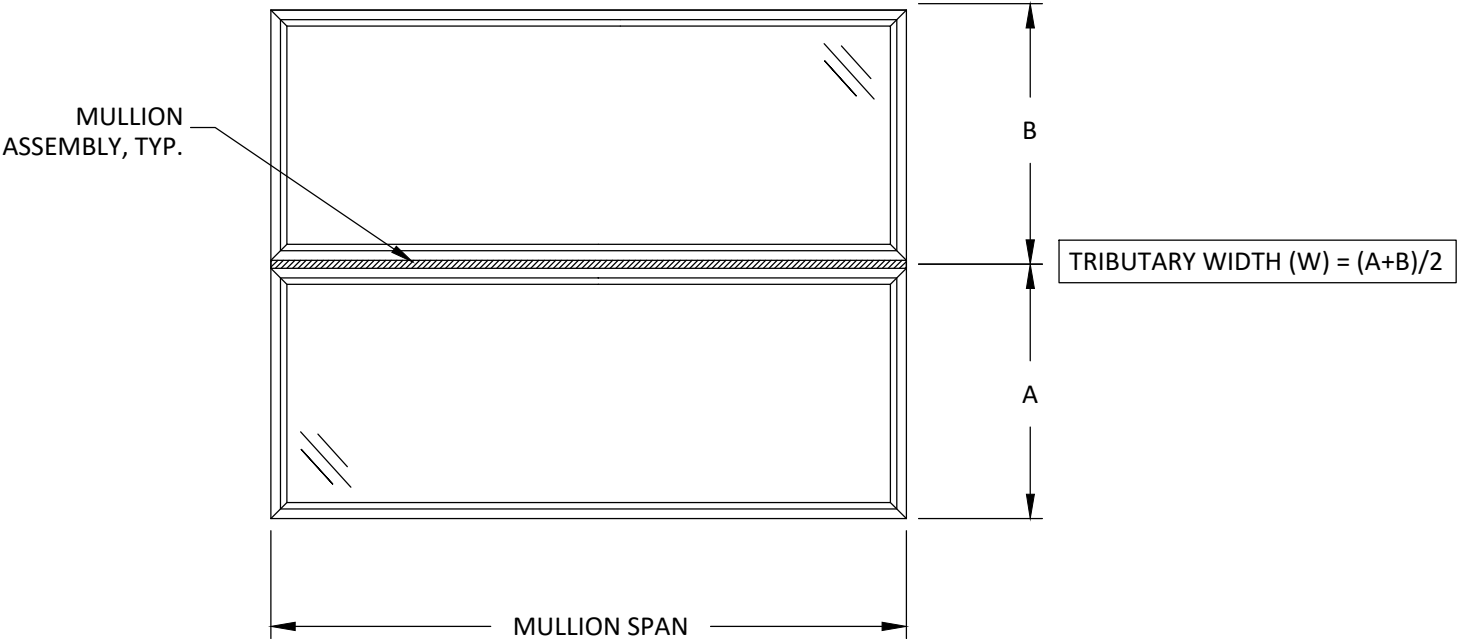
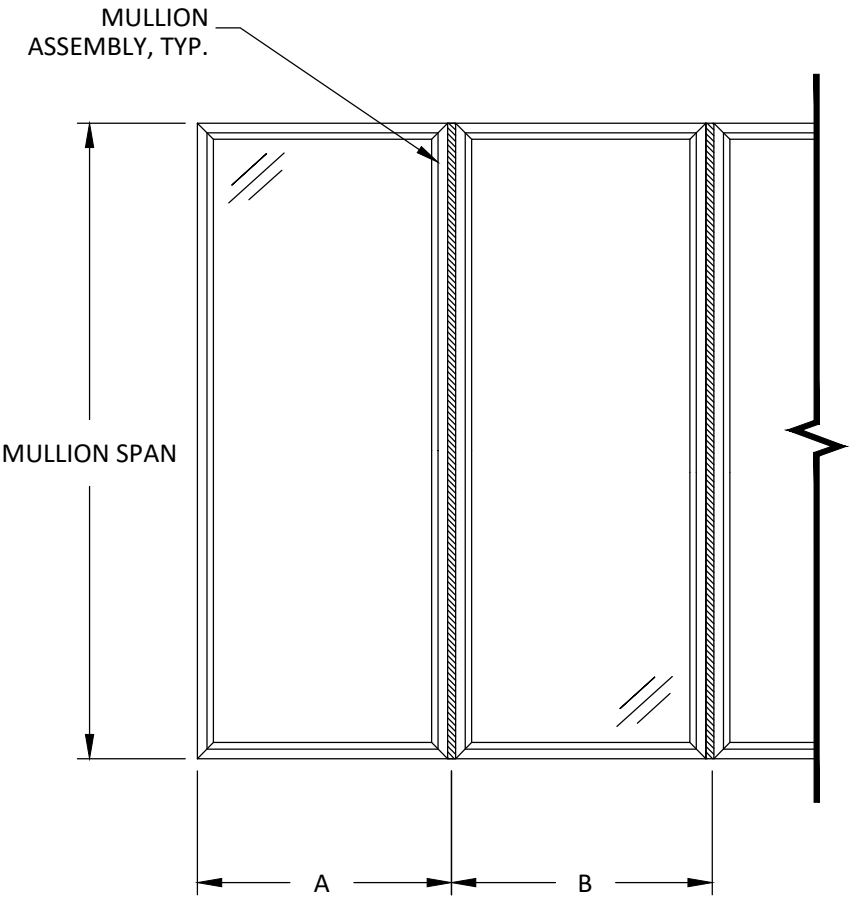
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H3 ALUMINUM PLATE MULLION ONE-WAY CONFIGURATIONS OFFSET OR FLUSH FRAMES

1/4" ALUMINUM PLATE MULL H3 DIRECT SET TO H3 CASEMENT, DOUBLE HUNG OR SLIDING WINDOW DESIGN PRESSURE CAPACITY CHART (PSF)			
TRIBUTARY WIDTH (IN)	MULLION SPAN (IN)	HP INSTALL.	
		POSITIVE DP	NEGATIVE DP
42	108	50.0	50.0
45		50.0	50.0
48		50.0	50.0
51		50.0	50.0
54		50.0	50.0
57		50.0	50.0
60	114	50.0	50.0
42		50.0	50.0
45		50.0	50.0
48		50.0	50.0
51		50.0	50.0
54	120	50.0	50.0
42		50.0	50.0
45		50.0	50.0
48		50.0	50.0
51		50.0	50.0
54	126	50.0	50.0
42		50.0	50.0
45		50.0	50.0
48		48.6	48.6
51		45.7	45.7
42	132	48.3	48.3
45		45.1	45.1
48		42.3	42.3
42	144	37.2	37.2
45		34.7	34.7

NOTES:

- 'ONE-WAY' MULLIONS REFER TO EITHER VERTICAL SINGLE SPAN OR HORIZONTAL STACKED ASSEMBLIES SIMILAR TO THOSE DIAGRAMMED ON THIS SHEET.
- THE POSITIVE AND NEGATIVE DESIGN PRESSURE CHARTS ABOVE ARE APPLICABLE FOR 'HP INSTALLATION' REQUIREMENTS, SEE DETAILS ON SHEETS 4 & 5.
- CASEMENT, DOUBLE HUNG, AND SLIDING WINDOWS SHALL BE UNDER SEPARATE APPROVAL.
- DESIGN PRESSURES IN TABLE ABOVE ARE AS LIMITED BY THE ALUMINUM PLATE MULLION. TOTAL APPROVED DESIGN PRESSURE SHALL BE TAKEN AS THE LESSER OF THE MULLION (LISTED IN TABLE), DIRECT SET WINDOW SIZE AND WINDOW UNIT UNDER SEPARATE APPROVAL.
- MULLIONS MAY BE USED IN ASSEMBLIES UTILIZING MORE THAN TWO WINDOW UNITS. VERTICAL MULLIONS CAN BE USED FOR UNLIMITED NUMBER OF PANELS. HORIZONTAL MULLIONS SHALL BE LIMITED TO USE OF TWO STACKED UNITS.



11605 READING ROAD
PO BOX 8489
RED BLUFF, CA 96080
(530) 527-9620

TITLE: H3 2.0 DIRECT SET WINDOW
(NON-HVHZ)(NON-IMPACT)

ONE-WAY DESIGN PRESSURE TABLE

PREPARED BY: BUILDING DROPS, INC.

398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
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SCALE: **NTS**

DWG. #: **SPW008**

SHEET: **12** OF 12