

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:

FASTENERS USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED SPACES SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.1 (E.G., ASTM A153 CLASS D, ASTM A641 CLASS 3S, OR EQUIVALENT CORROSION RESISTANCE).

CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.2 (E.G., ASTM A653 G90, ASTM A123, OR PROTECTIVE COATING PER TPI 1).

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.

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

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

SIERRA PACIFIC WINDOWS

H3 2.0 DIRECT SET WINDOWS

(NON-HVHZ)(NON-IMPACT)

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 SHALL MEET 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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(530) 527-9620

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

INSTALLATION & GENERAL NOTES

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REMARKS	BY	DATE
CODE CHANGE 2020	YC	09/20
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Reason: I am approving this document
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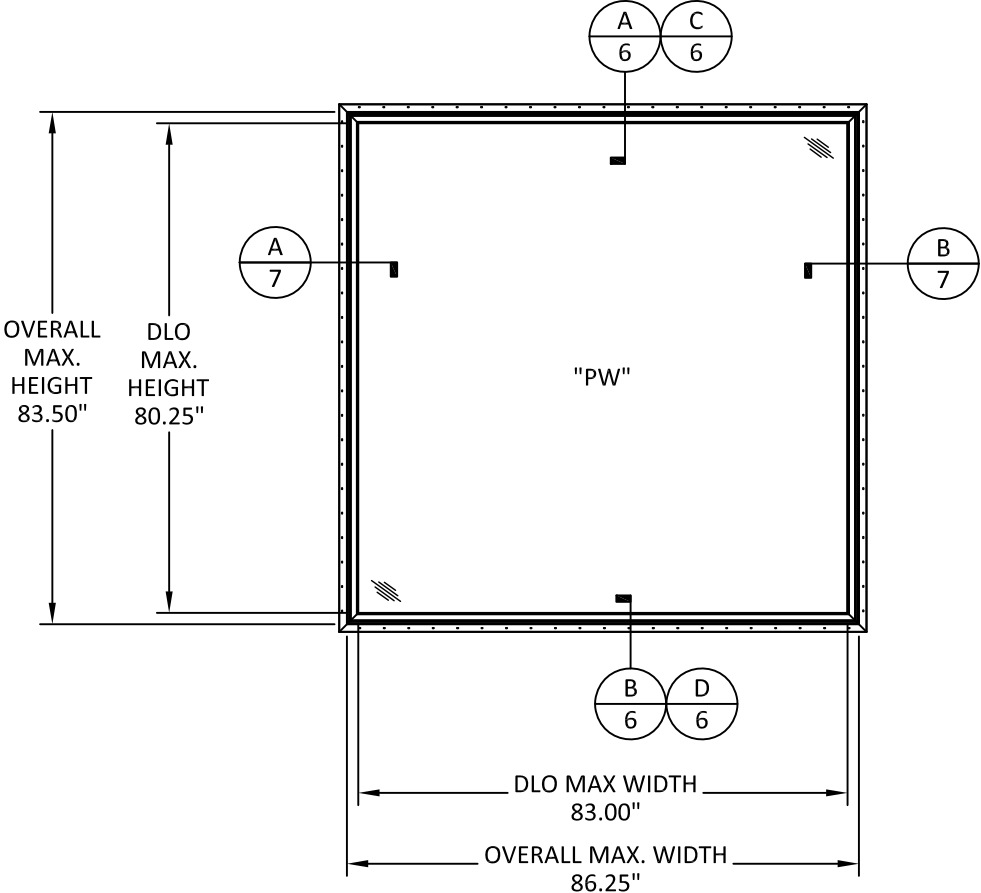
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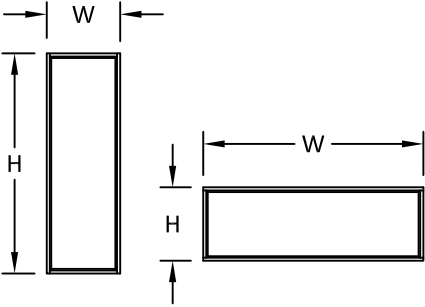
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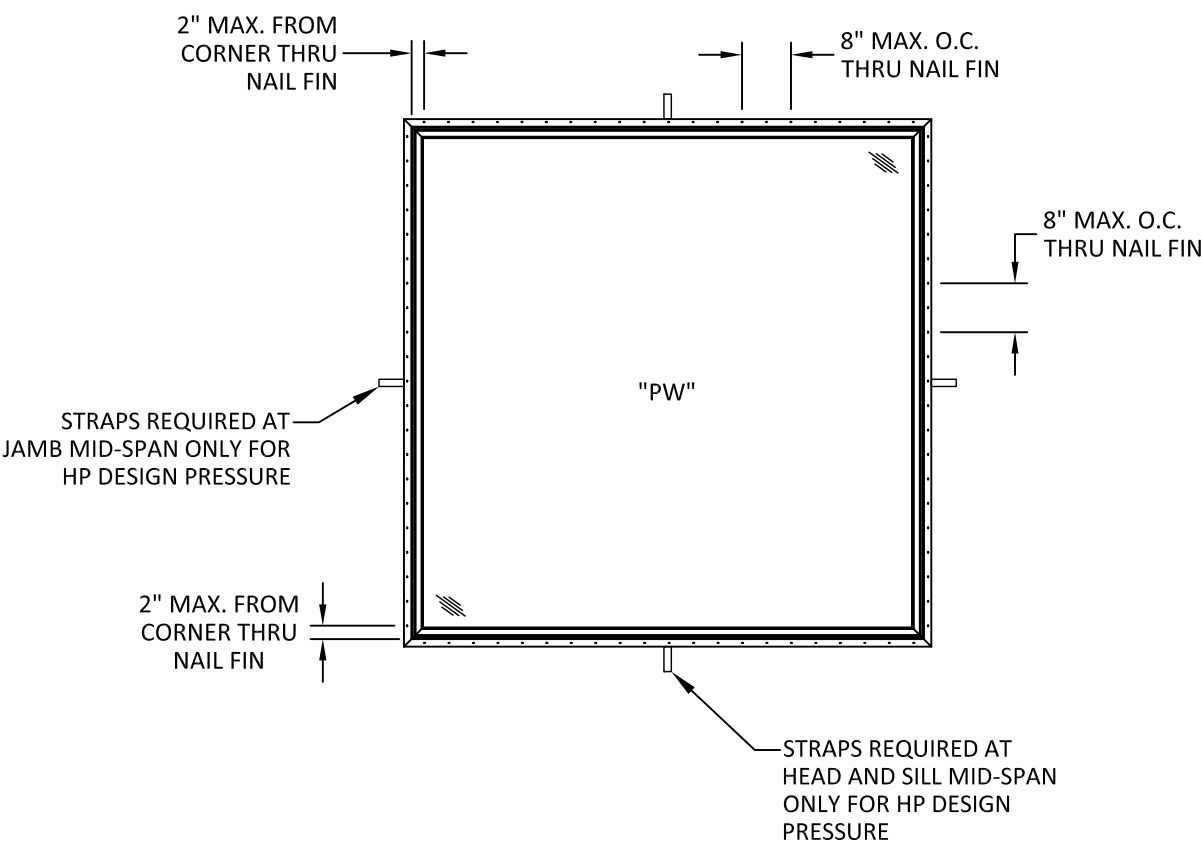
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EXTERIOR ELEVATION
PW



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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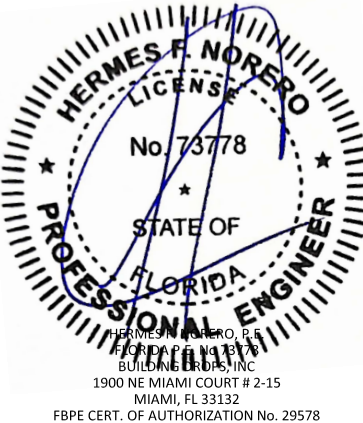
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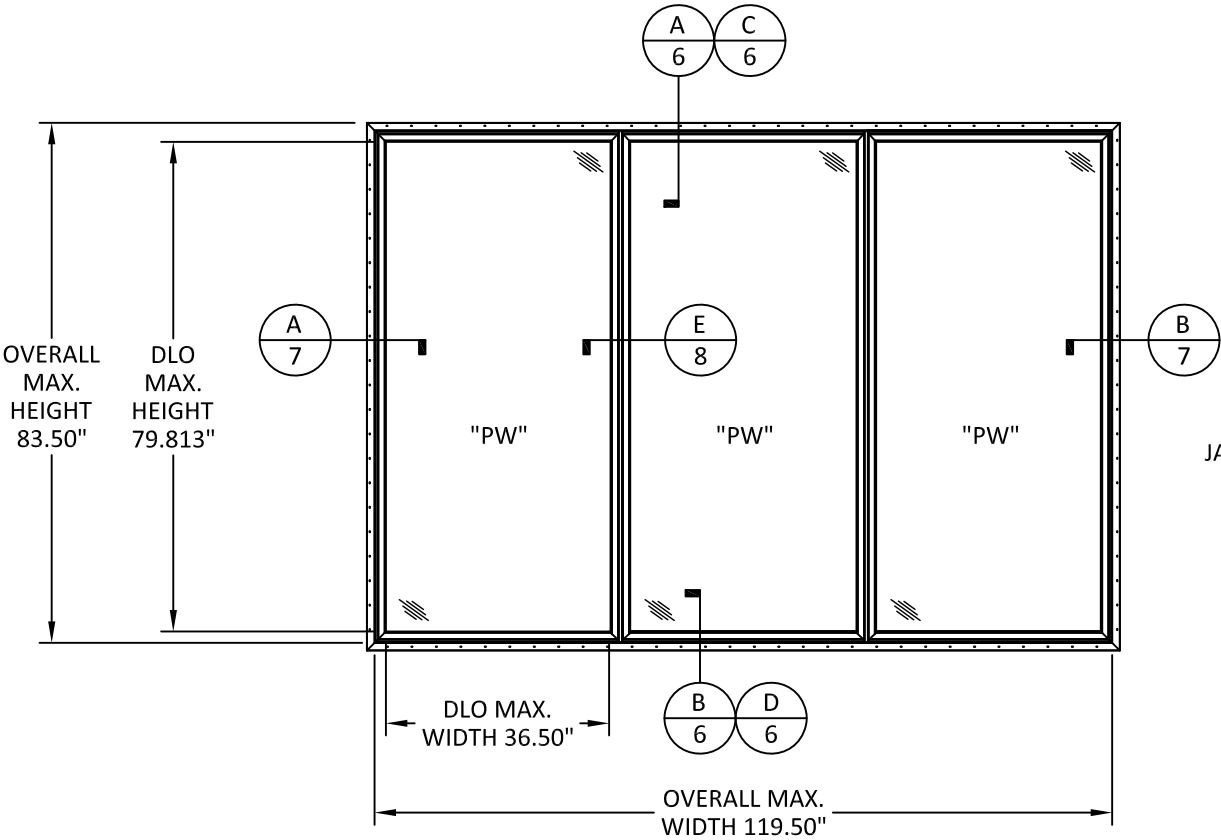
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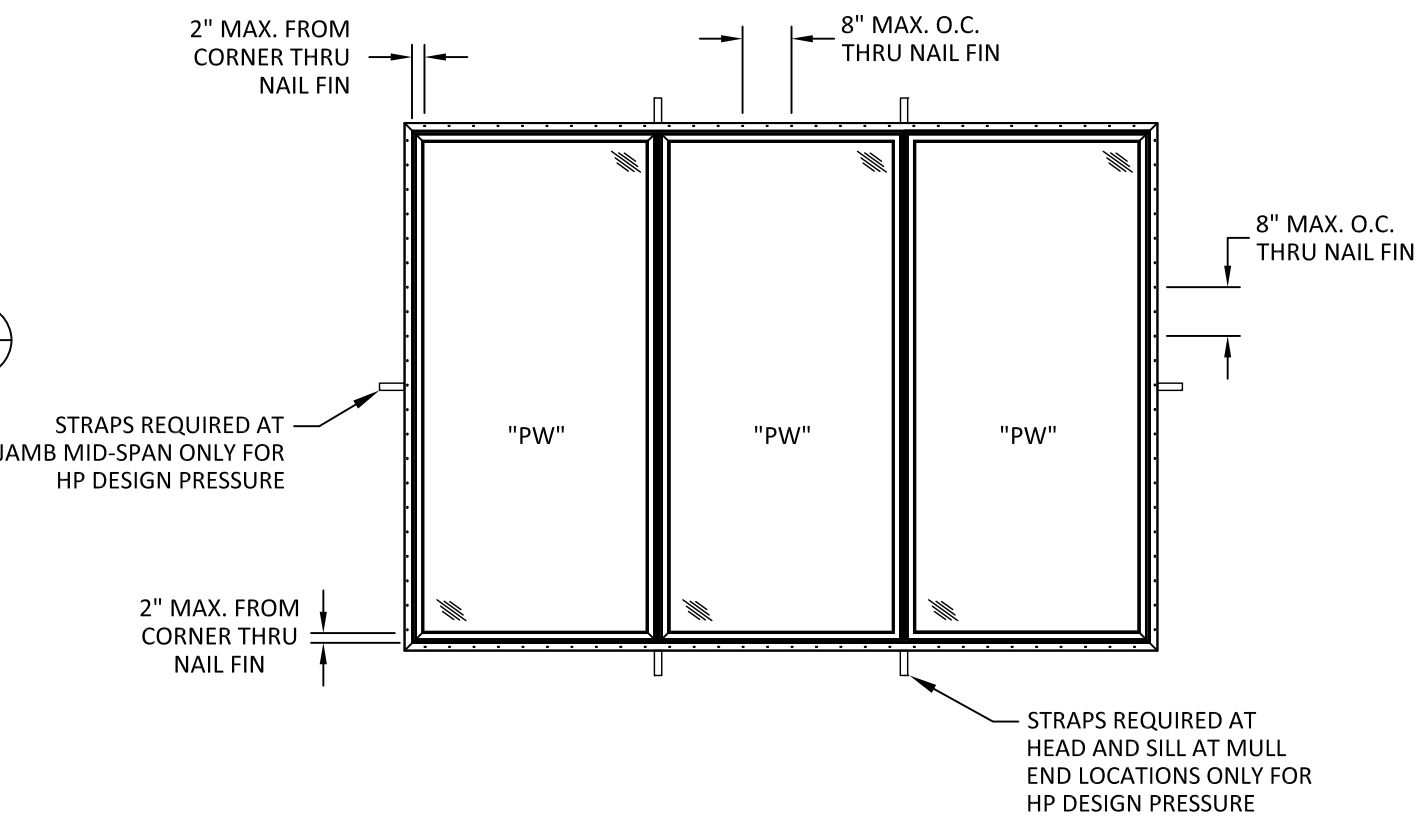


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EXTERIOR ELEVATION
PW-PW-PW
CONTINUOUS HEAD AND SILL



ANCHOR LAYOUT
PW-PW-PW
NAIL FIN AND STRAP



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ELEVATION AND ANCHOR LAYOUT

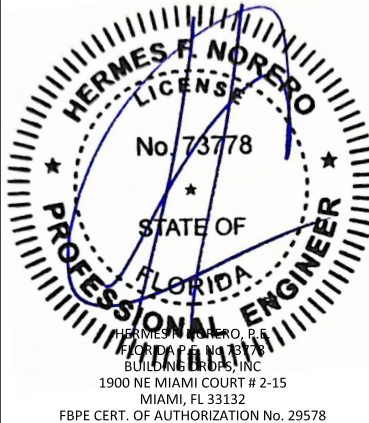
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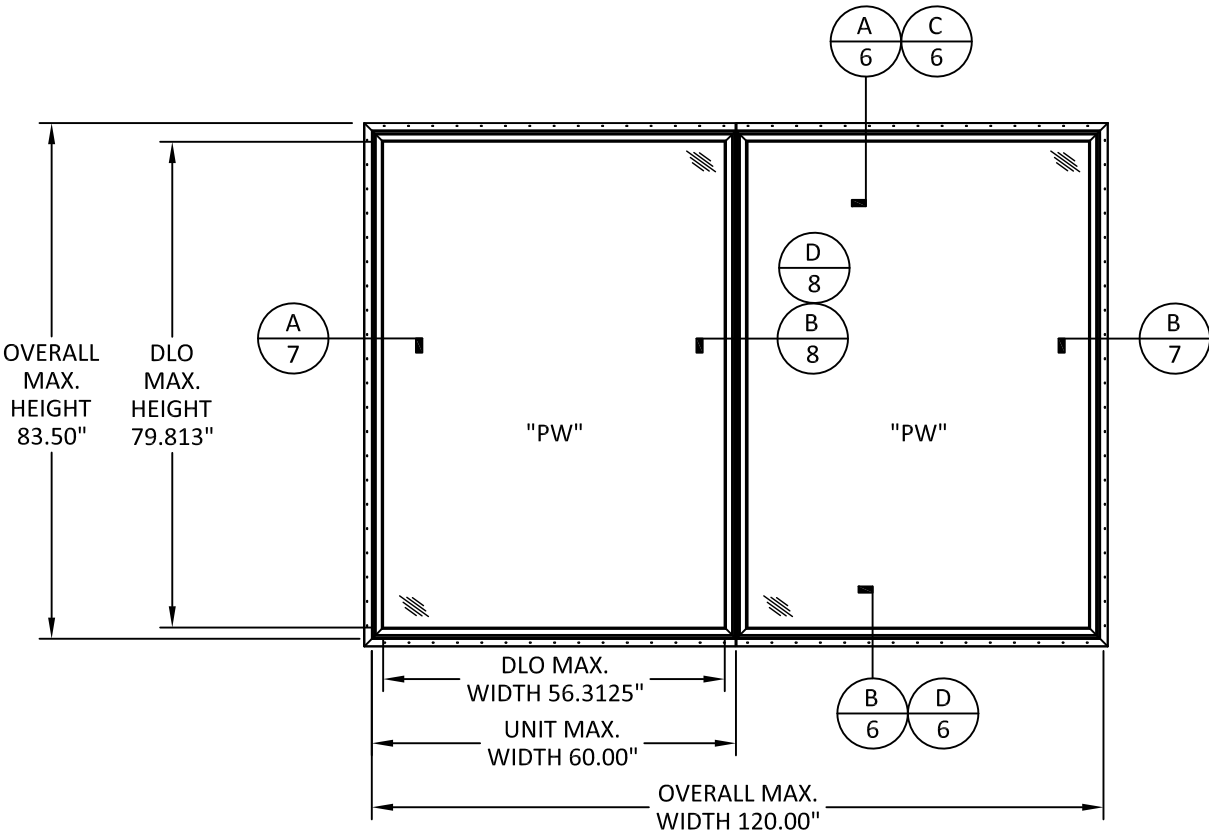
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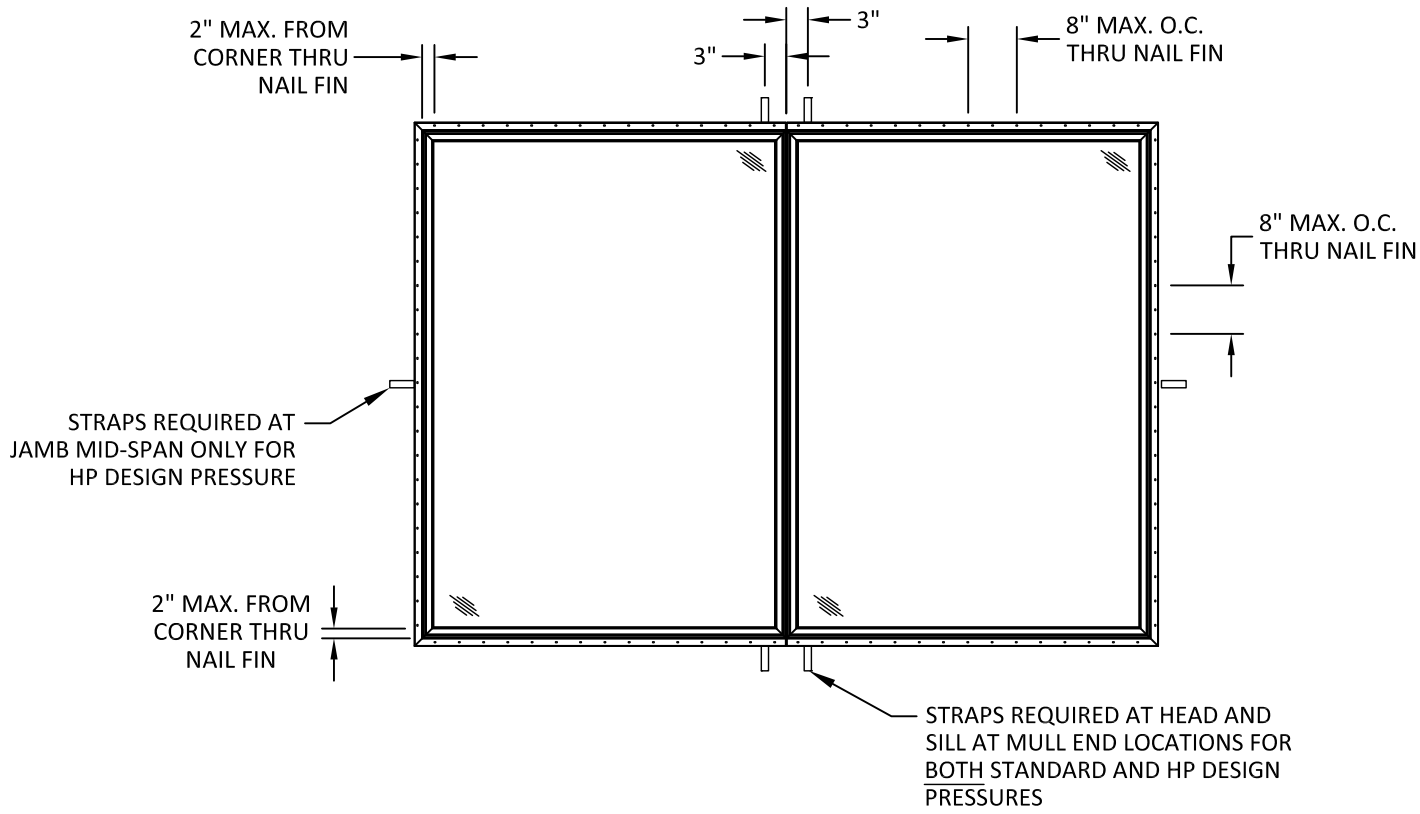
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EXTERIOR ELEVATION
BACK TO BACK MULL



ANCHOR LAYOUT
PW-PW
NAIL FIN AND STRAP



**SIERRA
PACIFIC**
WINDOWS

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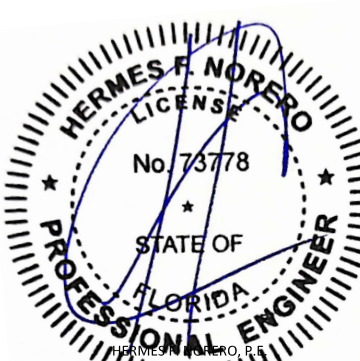
ELEVATION AND ANCHOR LAYOUT

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FBPE CERT. OF AUTHORIZATION No. 29578

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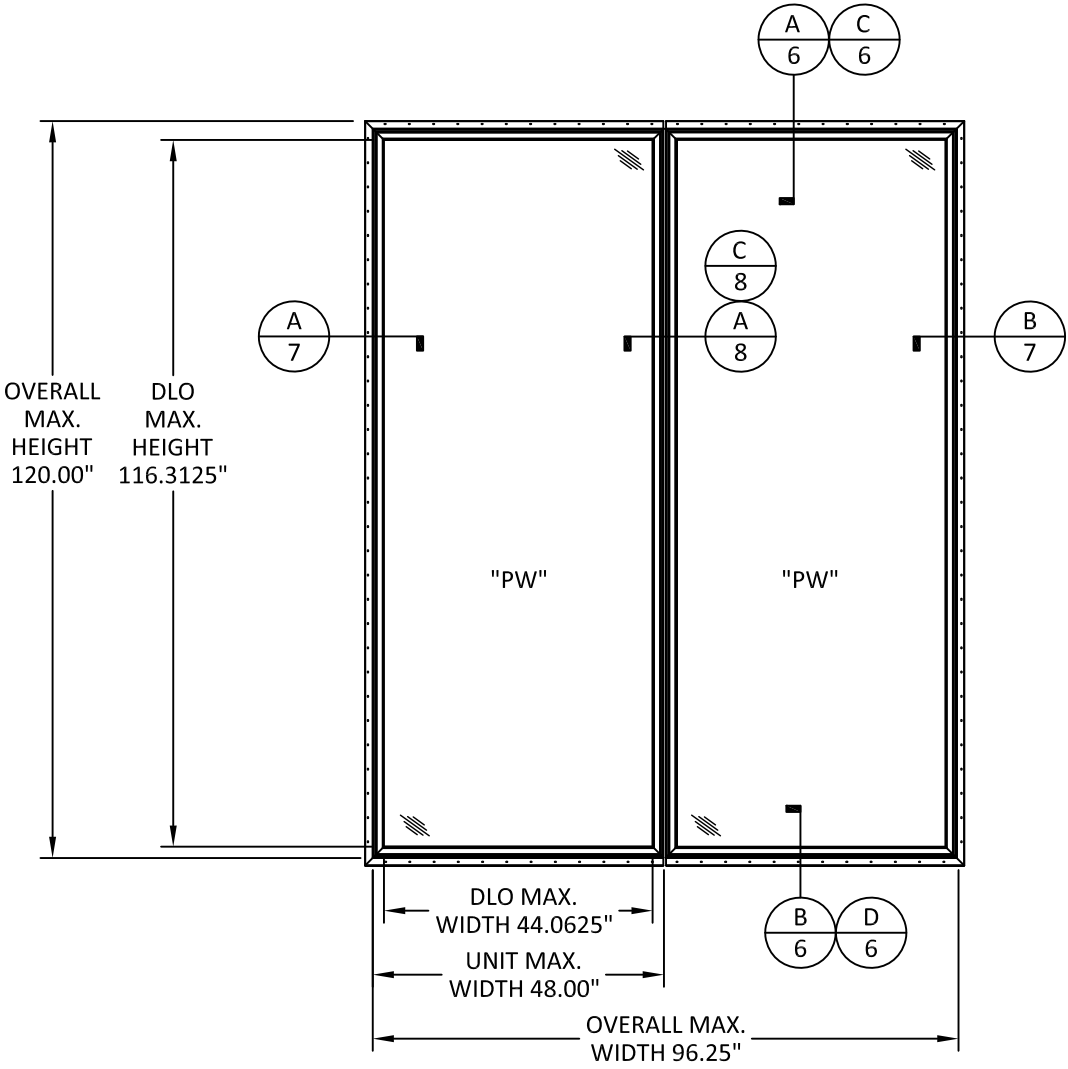
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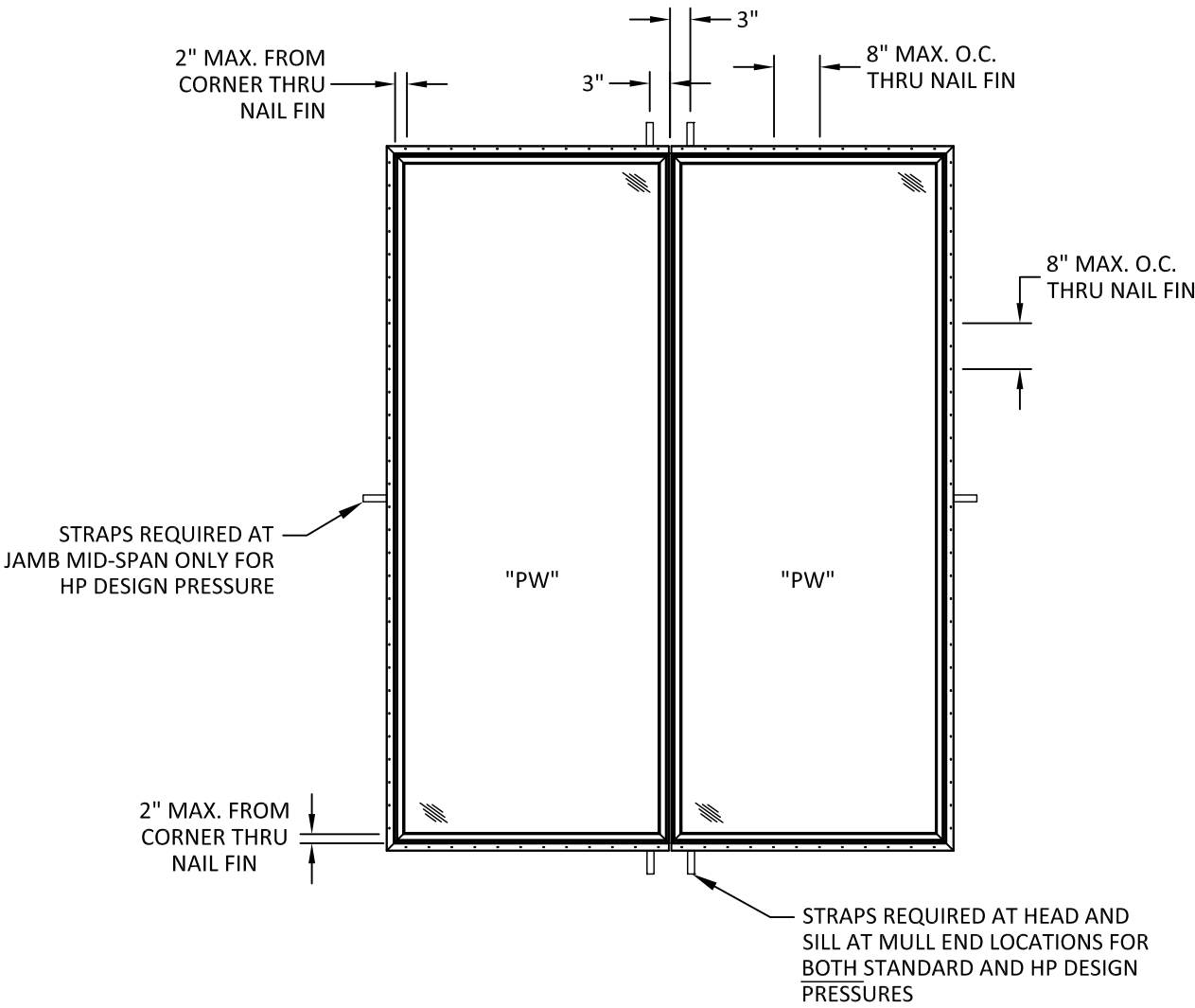
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EXTERIOR ELEVATION

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

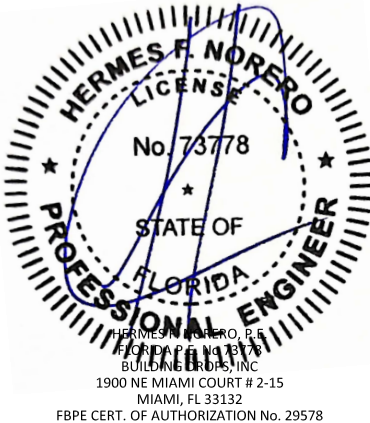
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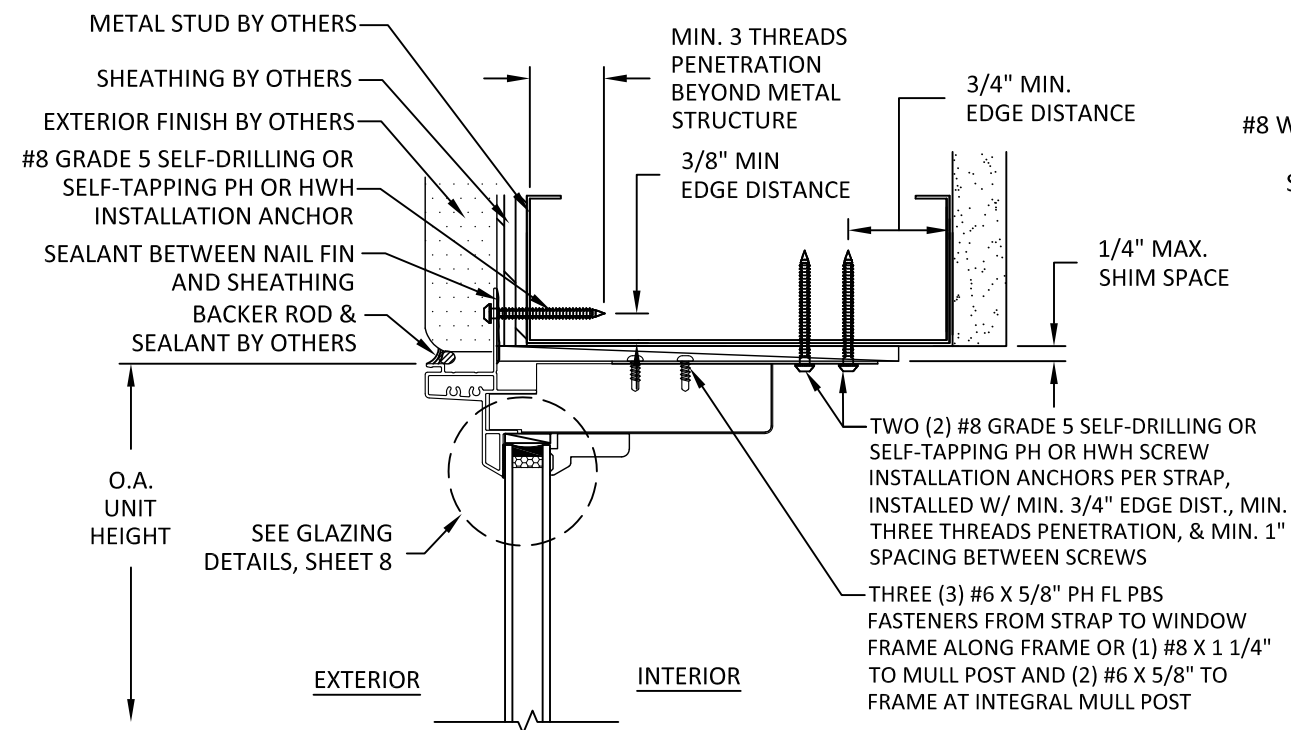
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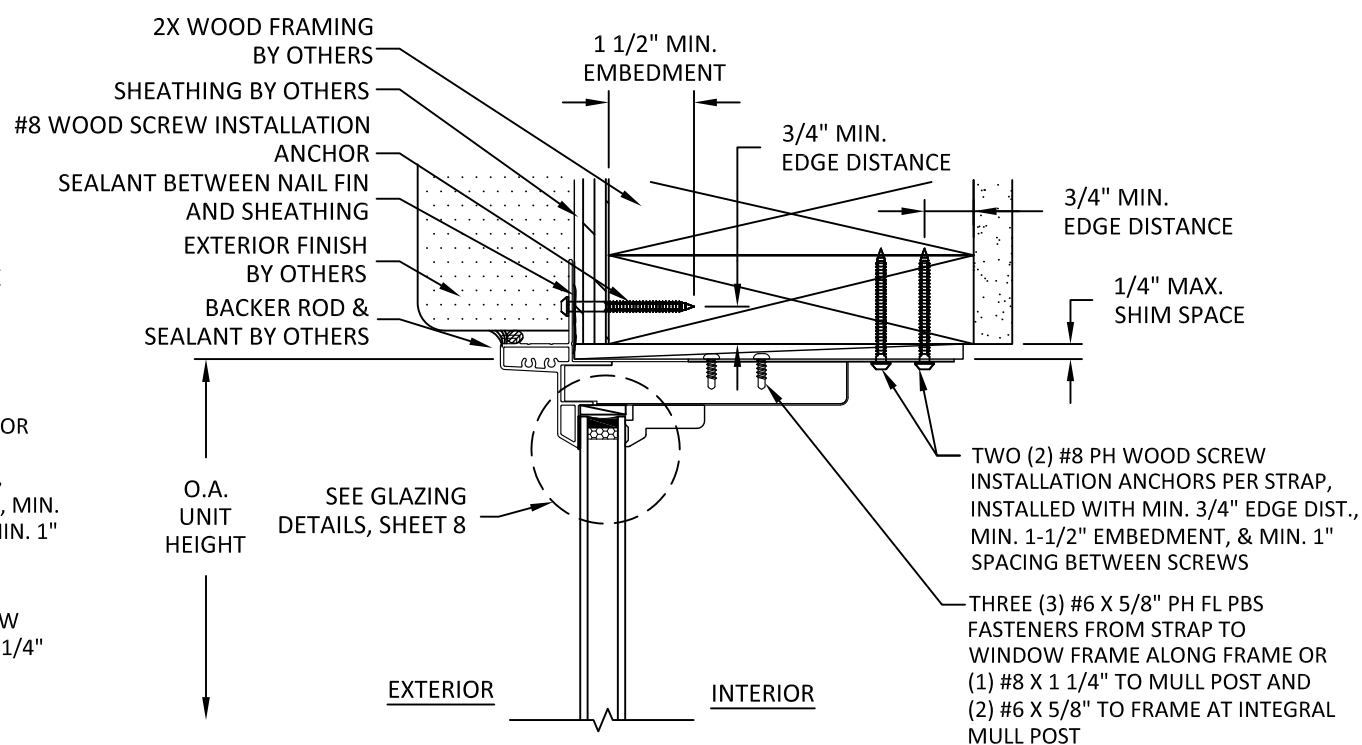
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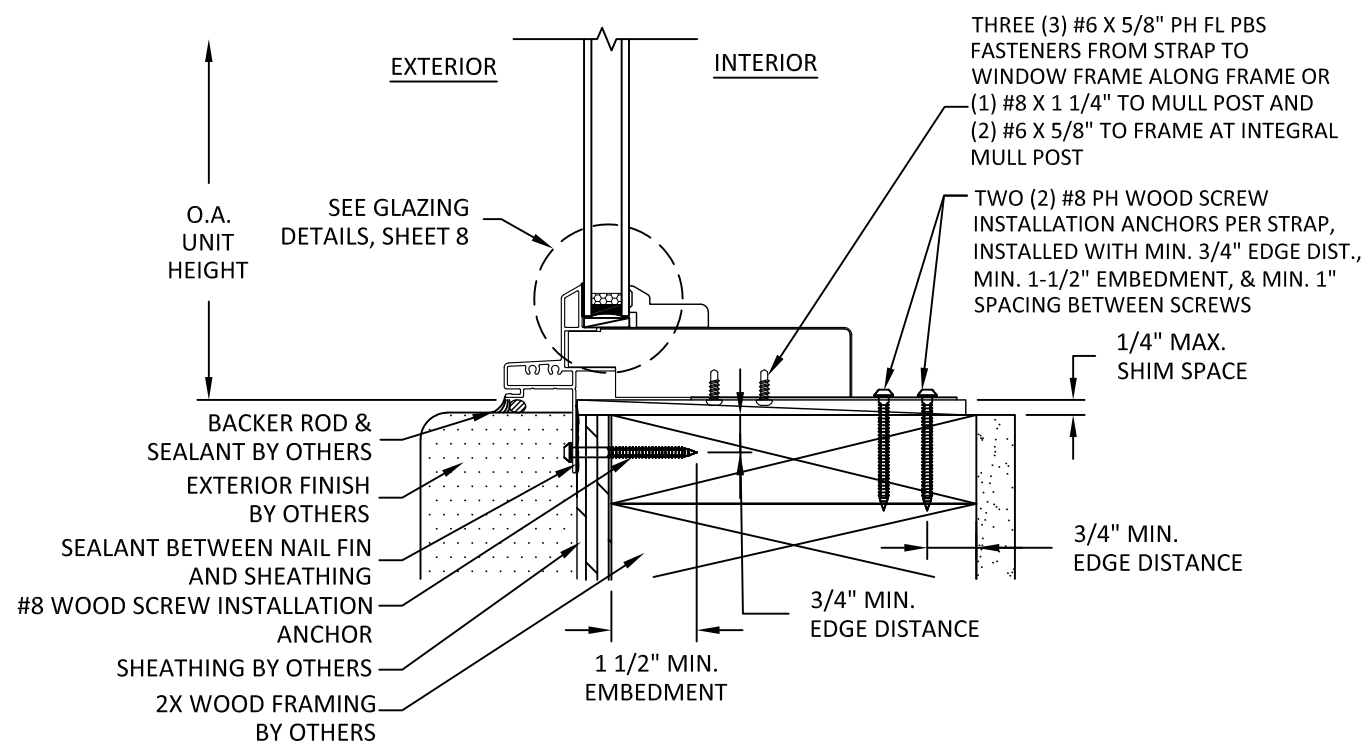
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A
6 **VERTICAL SECTION**
DIRECT SET HEAD - FLUSH FRAME
FIN INSTALLATION - METAL STUD

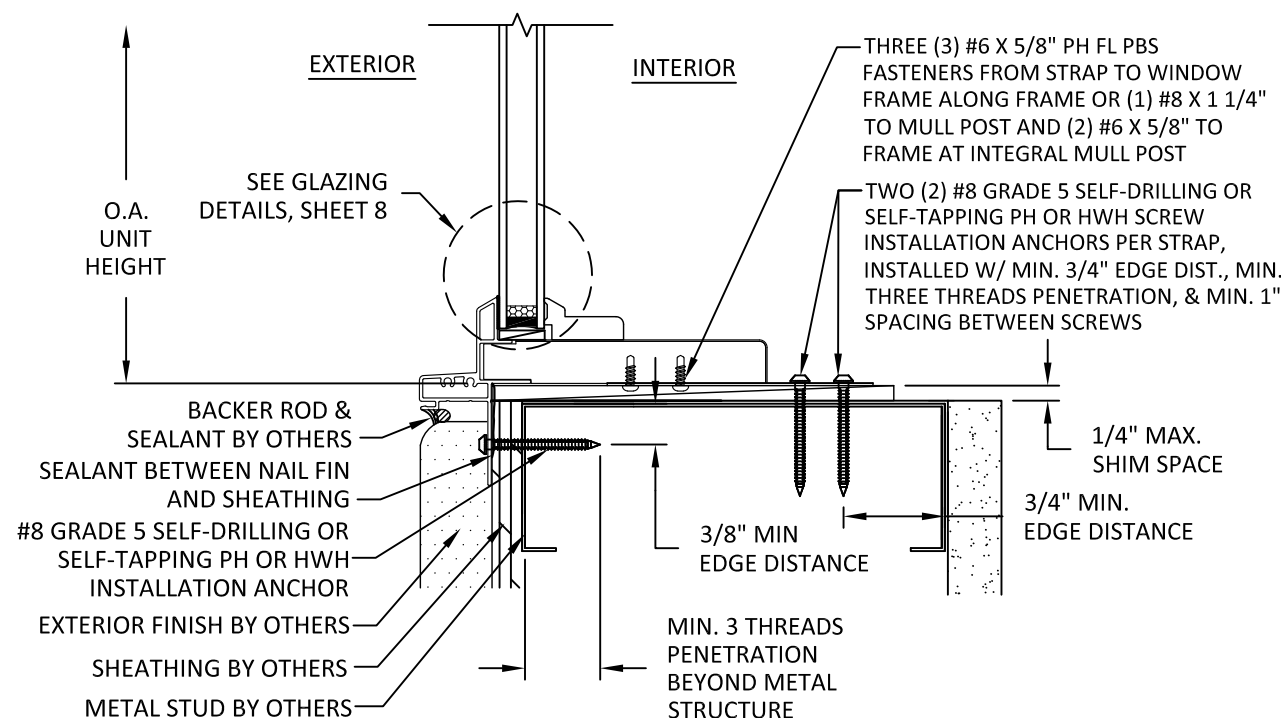


C
6 **VERTICAL SECTION**
DIRECT SET HEAD - OFFSET FRAME
FIN INSTALLATION - 2X WOOD STUD



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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VERTICAL SECTIONS

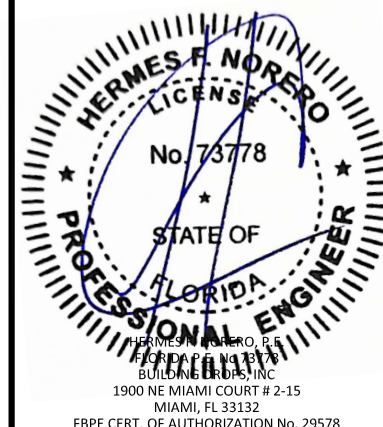
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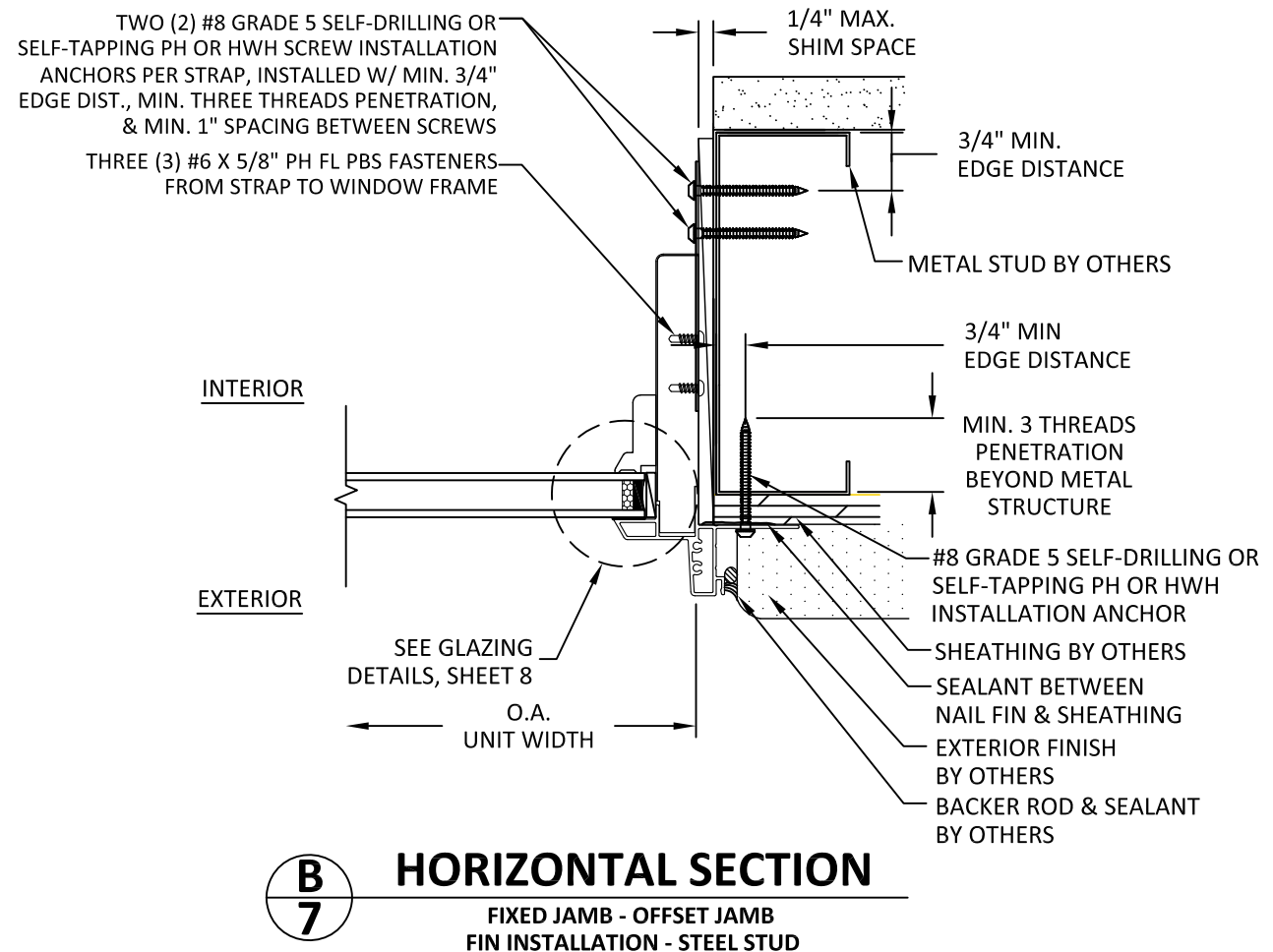
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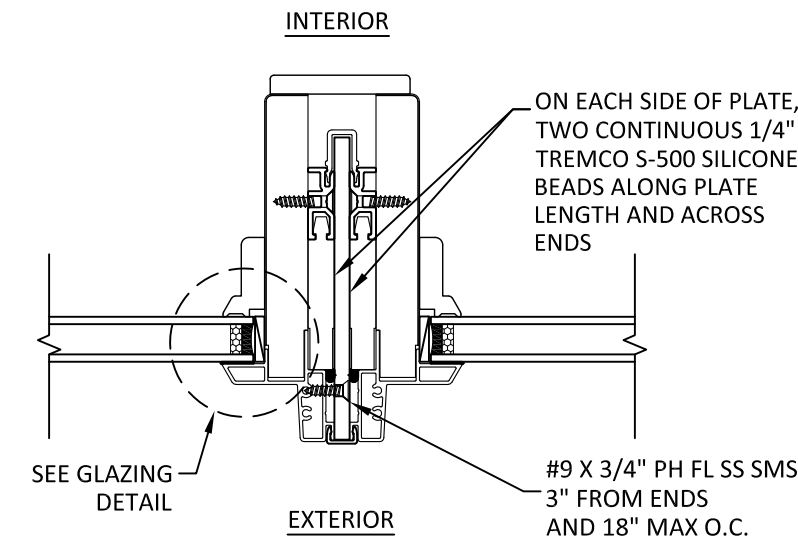
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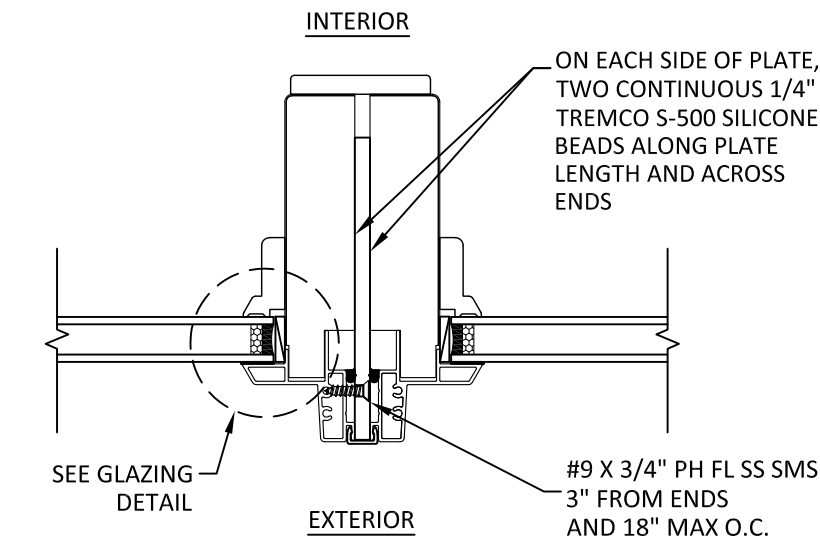
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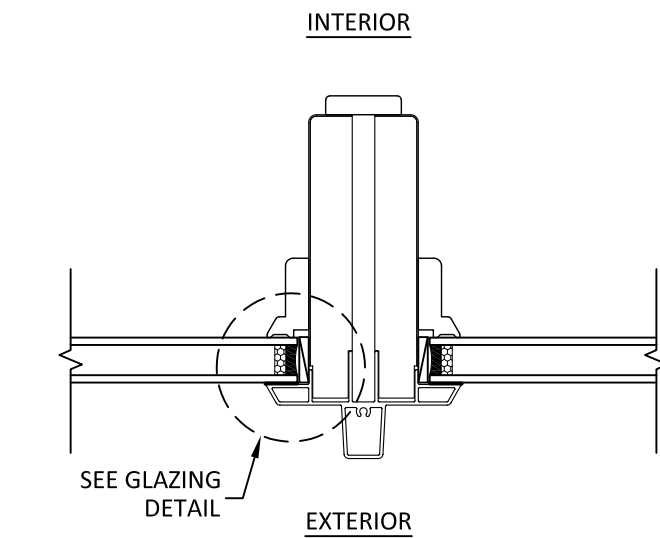
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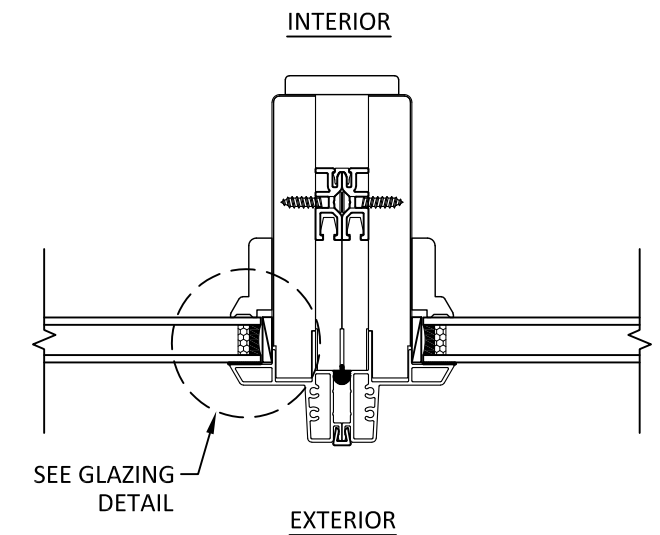
A
8 **HORIZONTAL SECTION**
1/4" X 5" ALUMINUM PLATE MULLION
OFFSET FRAMES



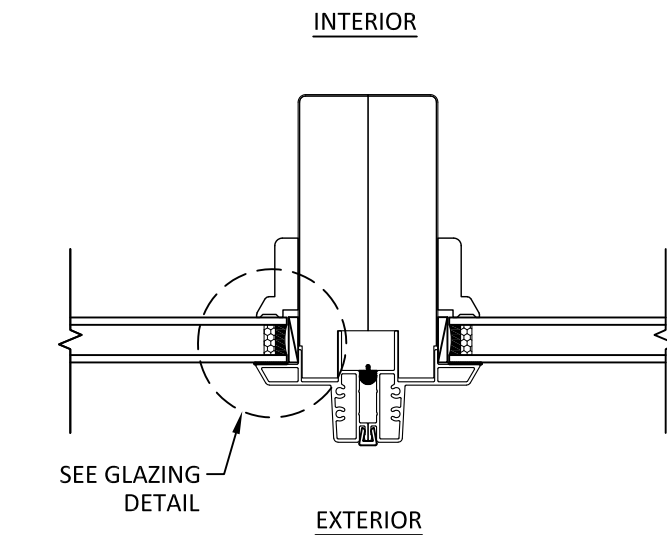
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8 **HORIZONTAL SECTION**
1/4" X 5" ALUMINUM PLATE MULLION
FLUSH FRAMES



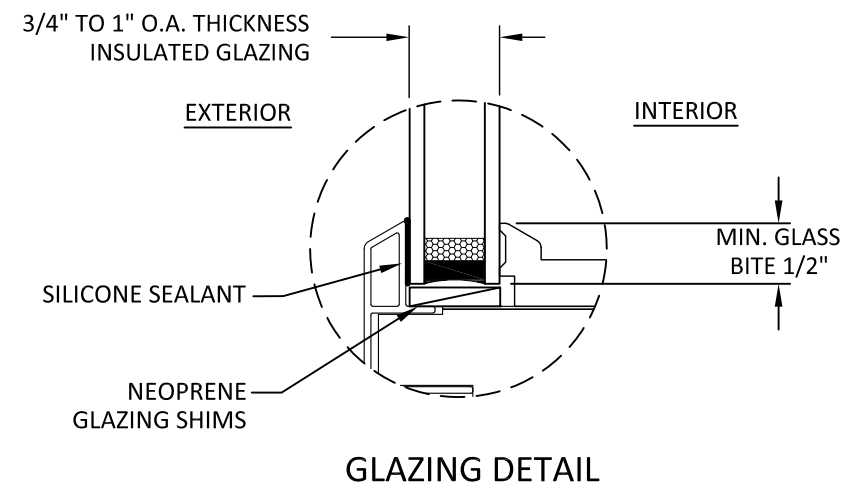
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8 **HORIZONTAL SECTION**
CHS INTEGRAL MULLION
OFFSET FRAMES



B
8 **HORIZONTAL SECTION**
BACK TO BACK MULLION
OFFSET FRAMES



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



- GLAZING NOTES**
- 1) GLASS TYPE AND THICKNESS SHALL COMPLY 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

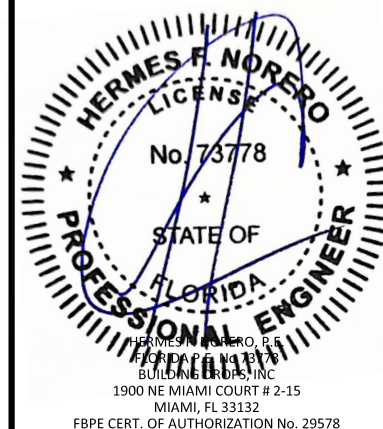
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REMARKS	BY	DATE
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CODE CHANGE 2023	MG	08/23
2026 FBC UPDATE	LS	06/26

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FL#: **FL21908**

DATE: **10.05.2020**

DWG. BY: **YC** CHK. BY: **HFN**

SCALE: **NTS**

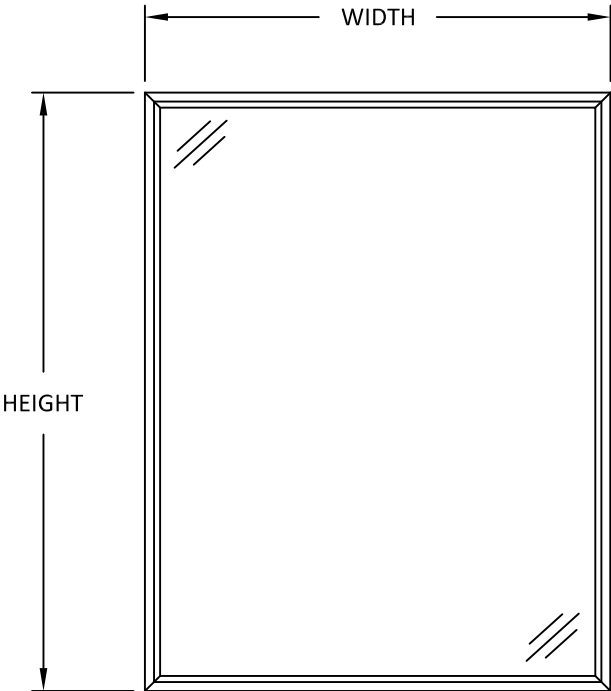
DWG. #: **SPW008**

SHEET: **8** REV. **C**

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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	72	33.8	33.8	48.2	72.4
54		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	78	33.5	33.5	47.9	71.8
54		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.

1900 NE MIAMI COURT, STE. 2-15

MIAMI, FL 33132

PH: (954)399-8478

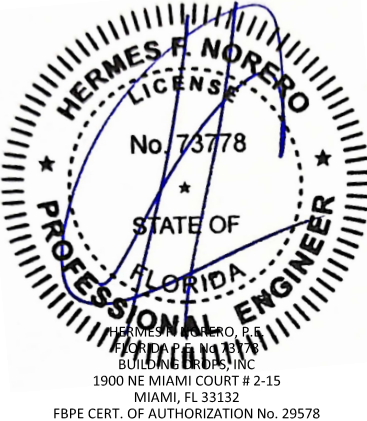
FAX: (954)744-4738

WEB: www.buildingdrops.com



REMARKS	BY	DATE
CODE CHANGE 2020	YC	09/20
CODE CHANGE 2023	MG	08/23
2026 FBC UPDATE	LS	06/26

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FL#: FL21908

DATE: 10.05.2020

DWG. BY: YC
CHK. BY: HFN

SCALE: NTS

DWG. #: SPW008

SHEET:

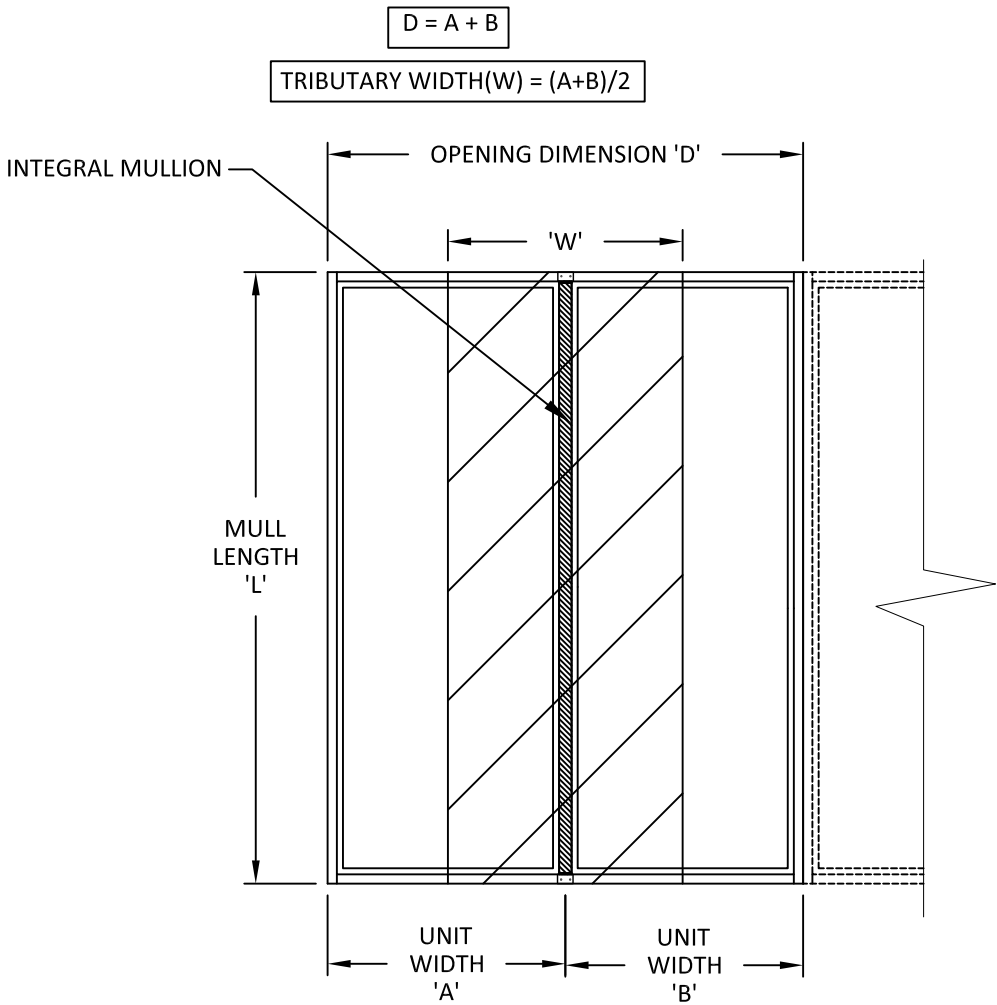
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DIRECT SET - DIRECT SET INTEGRAL MULLION (CHS) ONE-WAY CONFIGURATIONS OFFSET OR FLUSH FRAMES

CHS DESIGN PRESSURE CAPACITY CHART (PSF)					
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
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
30	90	35.0	35.0	50.0	60.0
33		32.5	32.5	46.4	55.6
36		30.1	30.1	43.0	51.5
30	96	29.0	29.0	41.4	49.7
33		26.6	26.6	38.0	45.5



NOTES:

- '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.
- SEE SHEET 3 FOR STANDARD AND HP INSTALLATION REQUIREMENT DETAILS.



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(530) 527-9620

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

ONE-WAY DESIGN PRESSURE TABLE

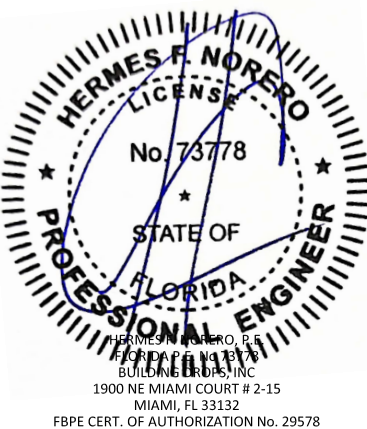
PREPARED BY: BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
CODE CHANGE 2020	YC	09/20
CODE CHANGE 2023	MG	08/23
2026 FBC UPDATE	LS	06/26

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FL#: **FL21908**

DATE: **10.05.2020**

DWG. BY: **YC** CHK. BY: **HFN**

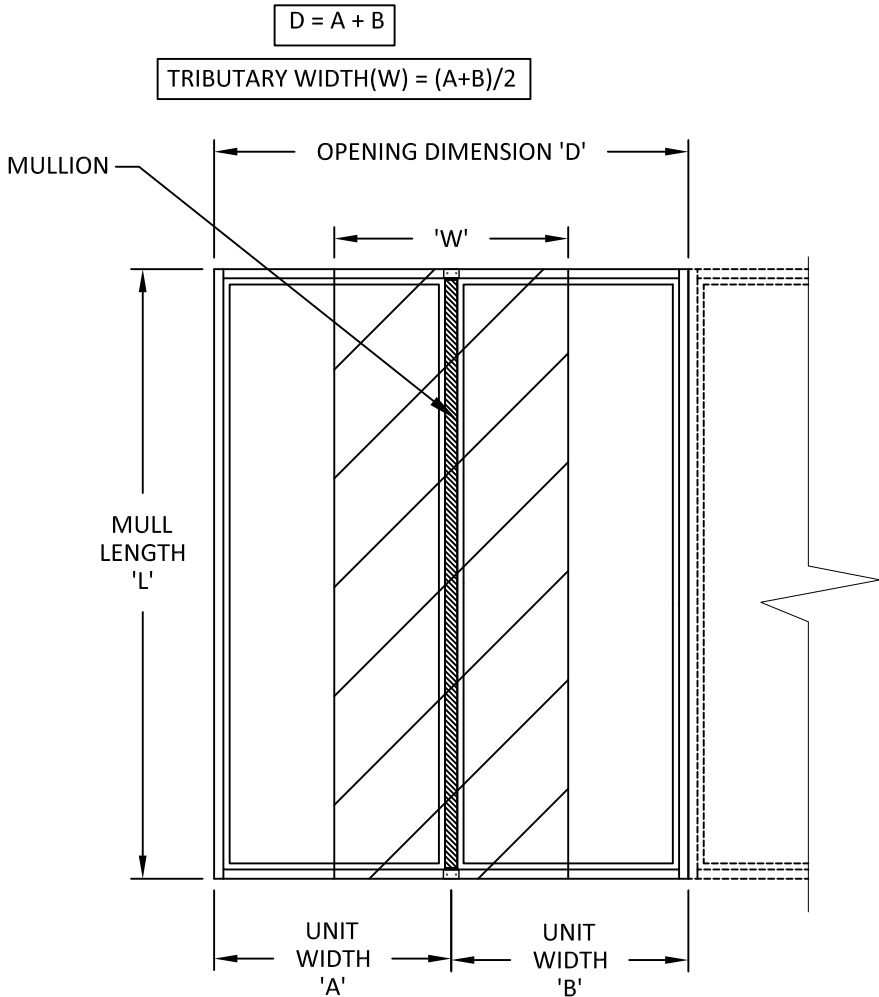
SCALE: **NTS**

DWG. #: **SPW008**

SHEET: **10** REV. **C**

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	84	35.0	35.0	50.0	60.0
54		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	90	35.0	35.0	50.0	60.0
45		33.2	33.2	47.4	56.9
48		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	96	35.0	35.0	50.0	60.0
36		32.7	32.7	46.7	56.0
39		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	102	25.7	25.7	36.6	44.0
51		24.5	24.5	35.0	42.0
30	108	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	114	25.2	25.2	36.0	43.2
42		23.6	23.6	33.8	40.5
45		22.3	22.3	31.8	38.2
48		21.1	21.1	30.2	36.2
30	120	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		21.1	21.1	30.1	36.2
42		19.8	19.8	28.2	33.9
45	126	18.6	18.6	26.6	31.9
30	132	22.7	22.7	32.5	39.0
33		20.8	20.8	29.7	35.7
36		19.2	19.2	27.4	32.9
39		17.8	17.8	25.5	30.6
42	138	16.7	16.7	23.8	28.6
30	144	19.4	19.4	27.8	33.3
33		17.8	17.8	25.4	30.5
36		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	90	35.0	35.0	38.2	45.8
66		35.0	35.0	36.5	43.8
48		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	96	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		35.0	35.0	50.0	60.0
51		35.0	35.0	47.2	56.6
54	102	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		35.0	35.0	50.0	60.0
51	108	35.0	35.0	47.2	56.6
54		35.0	35.0	44.6	53.5
42		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	114	35.0	35.0	47.2	56.6
39		35.0	35.0	50.0	60.0
42		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	120	35.0	35.0	50.0	60.0
42		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



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.

1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
CODE CHANGE 2020	YC	09/20
CODE CHANGE 2023	MG	08/23
2026 FBC UPDATE	LS	06/26

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FL#: **FL21908**

DATE: **10.05.2020**

DWG. BY: **YC** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **SPW008**

SHEET: **11** REV. **C**

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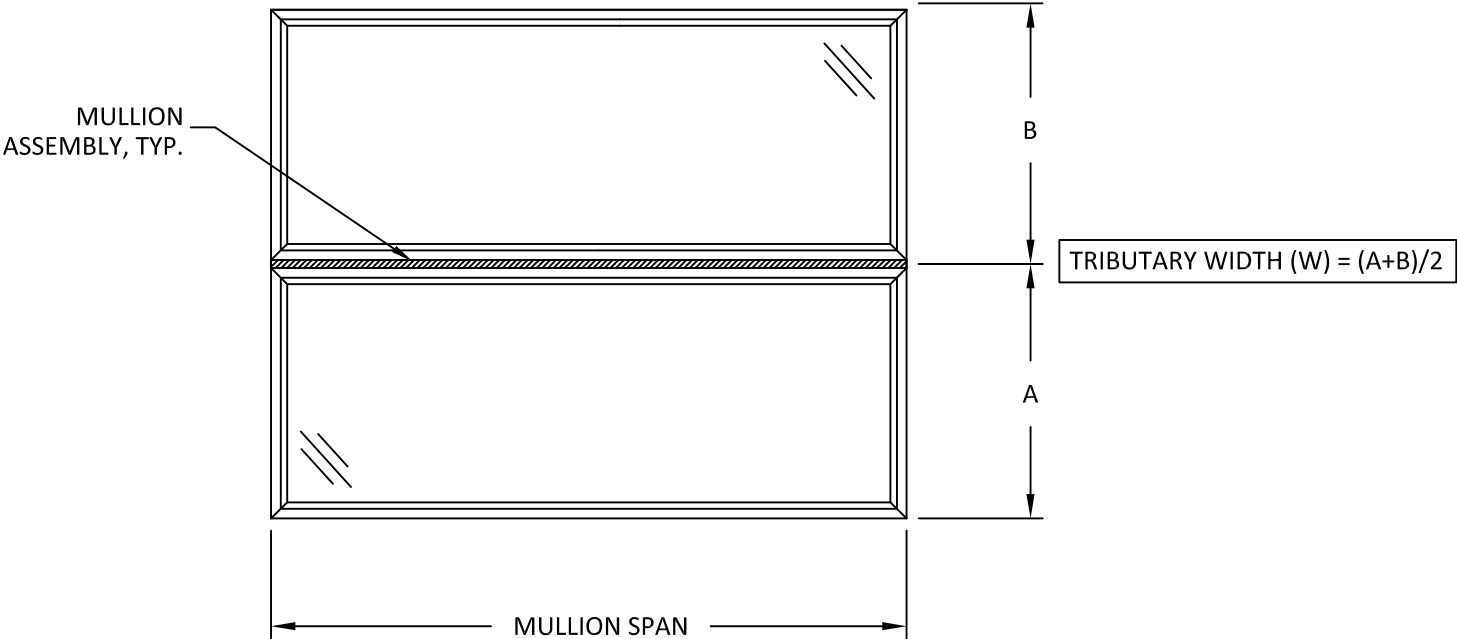
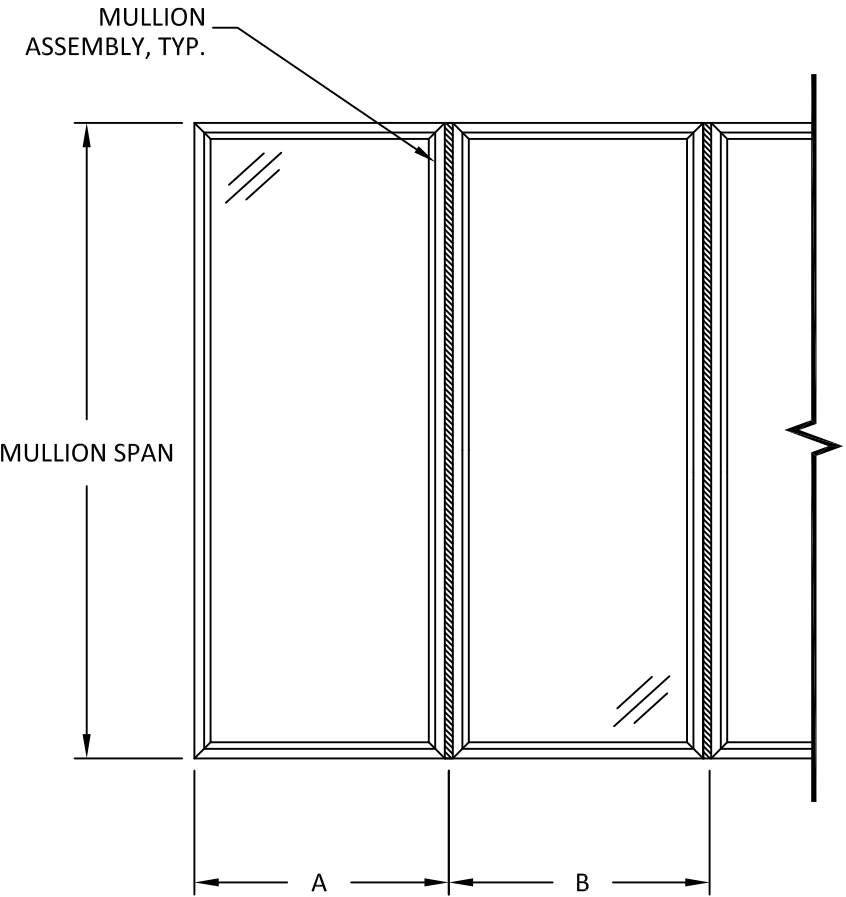
H3 ALUMINUM PLATE MULLION ONE-WAY CONFIGURATIONS OFFSET OR FLUSH FRAMES

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		50.0	50.0
42	120	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
42	126	50.0	50.0
45		50.0	50.0
48		48.6	48.6
51		45.7	45.7
54		48.3	48.3
57		45.1	45.1
42	132	45.1	45.1
45		42.3	42.3
48		42.3	42.3
51		37.2	37.2
54		34.7	34.7
57		34.7	34.7

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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.

1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
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