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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. **THROUGH FRAME INSTALLATION:** FOR INSTALLATION INTO WOOD FRAMING USE #10 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" IS ACHIEVED.
8. **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.
9. **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.
10. **THROUGH FRAME INSTALLATION:** FOR INSTALLATION INTO METAL STUD USE #10 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" IS ACHIEVED.
11. **THROUGH FRAME INSTALLATION:** FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY OR DIRECTLY INTO CONCRETE/MASONRY, USE 3/16 INCH ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT.
12. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
13. 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).
14. 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.

SIERRA PACIFIC WINDOWS

FEELSAFE H3 2.0 CASEMENT WINDOWS

(WZ3)(IMPACT)

15. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.

B. CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.

C. GROUT-FILLED CMU-UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 200 PSI AND GROUT CONFORMS TO ASTM C-476, MINIMUM GROUT COMPRESSIVE STRENGTH OF 2000 PSI.

D. HOLLOW BLOCK CMU-UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH 2000 PSI.

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

F. 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

• ASTM E1886-19

• ASTM E1996-20
2. IMPORTANT: H3 PRODUCT IS MANUFACTURED WITH A FULLY WELDED VINYL MAIN FRAME AND INTEGRAL NAIL FIN FOR AIR-TIGHT AND WATER-TIGHT INSTALLATION. THE INTEGRAL NAIL FIN DEFINES THE WATER PLANE OF THE PRODUCT. PROPER INTEGRATION OF THE BUILDING'S WEATHER BARRIER SYSTEM MUST BE MADE FROM THIS LOCATION TO THE INTERIOR OF THE OPENING.

- PERIMETER SEALING OF THE EXTERIOR BUILDING FAÇADE MUST INCLUDE A DISCONTINUOUS BEAD OF SEALANT AT THE SILL FOR PROPER WATER MANAGEMENT.

- WHEN INSTALLING IN ANY RECESSED OR STUCCO APPLICATION A WATER MANAGEMENT SYSTEM TO THE EXTERIOR MUST BE INCORPORATED.

- PRODUCT INSTALLED WITHOUT NAIL FIN WILL REQUIRE THE USE OF A FLEXIBLE SILL PAN. CONSULT WITH A WATER MANAGEMENT SPECIALIST WHEN INSTALLING IN ANY OF THESE OR SIMILAR APPLICATIONS.
3. 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.
4. 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.
5. 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.
6. APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN WIND ZONE 3 OR LESS.
7. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN WIND ZONE 4
8. WINDOW FRAME MATERIAL: VINYL, WOOD, AND 6063-T5.
9. GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 9 FOR DETAILS.

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DESIGN PRESSURE TABLE					
PRODUCT	MAX OVERALL SIZE		DESIGN PRESSURE	INSTALLATION METHOD	MISSILE IMPACT RATING
	WIDTH	HEIGHT			
CS-CS-CS	105.5"	71.5"	+50/-60 PSF	NAIL FIN AND STRAP OR THROUGH FRAME	LARGE AND SMALL MISSILE IMPACT RATED
CS-PW-CS	119.5"	71.5"			
CS-PW-CS W/ TRANSOMS	119.5"	99.25"			
CS-CS	71.25"	83.5"			
CS	35.5"	83.5"			

*SEE SHEETS 10-12 FOR QUALIFIED ALTERNATE SIZES

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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INSTALLATION & GENERAL NOTES

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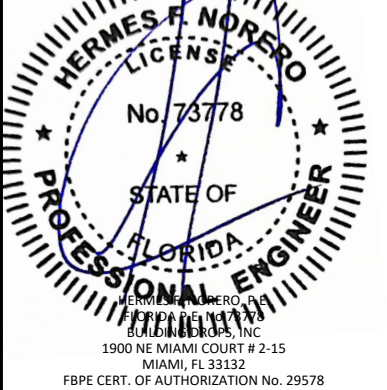
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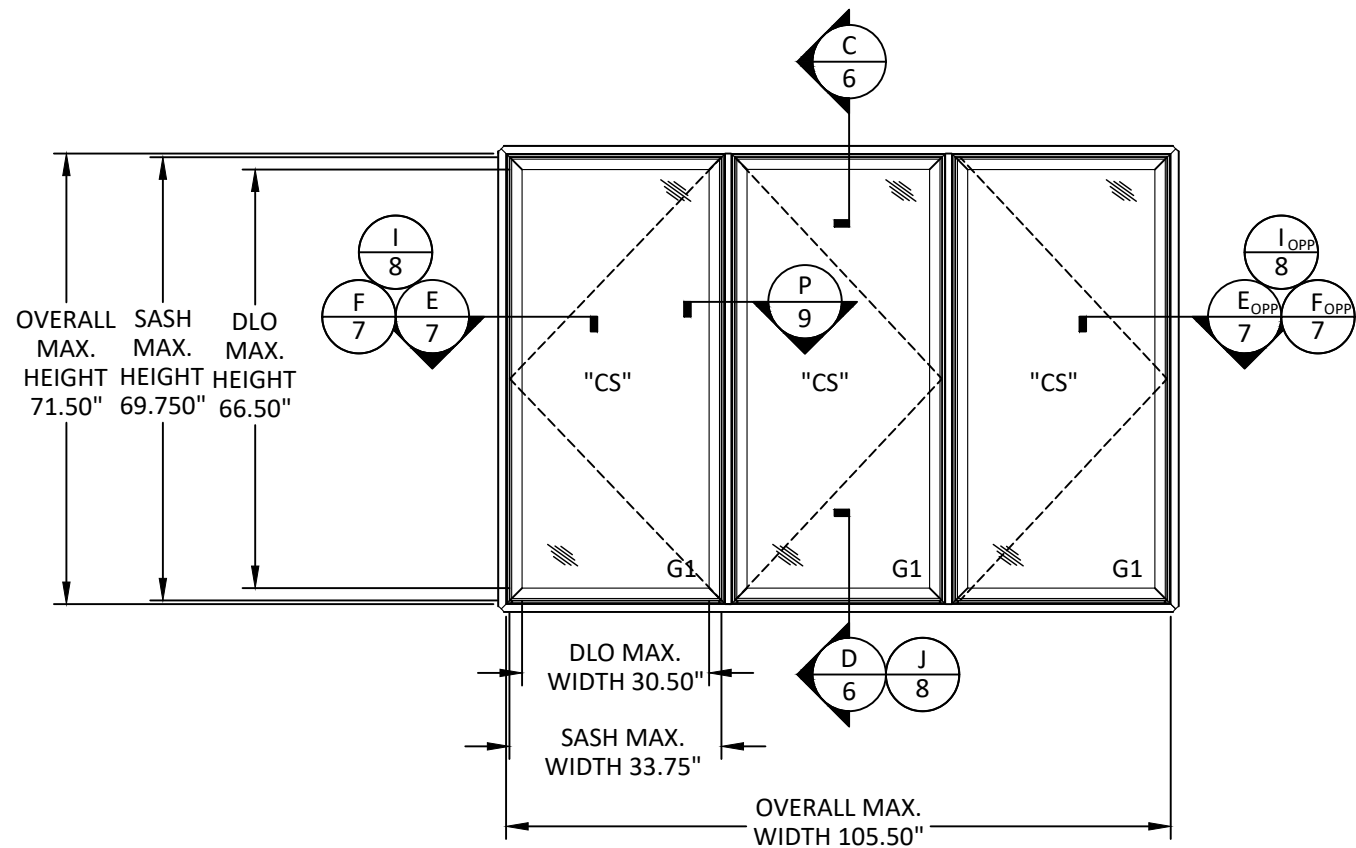
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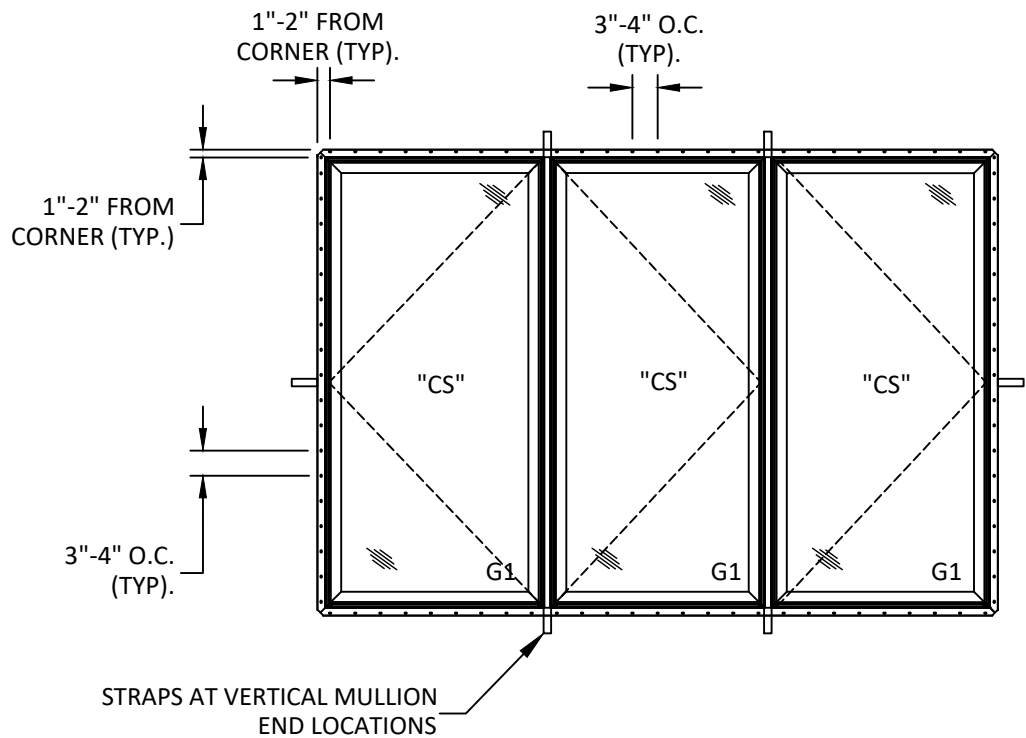
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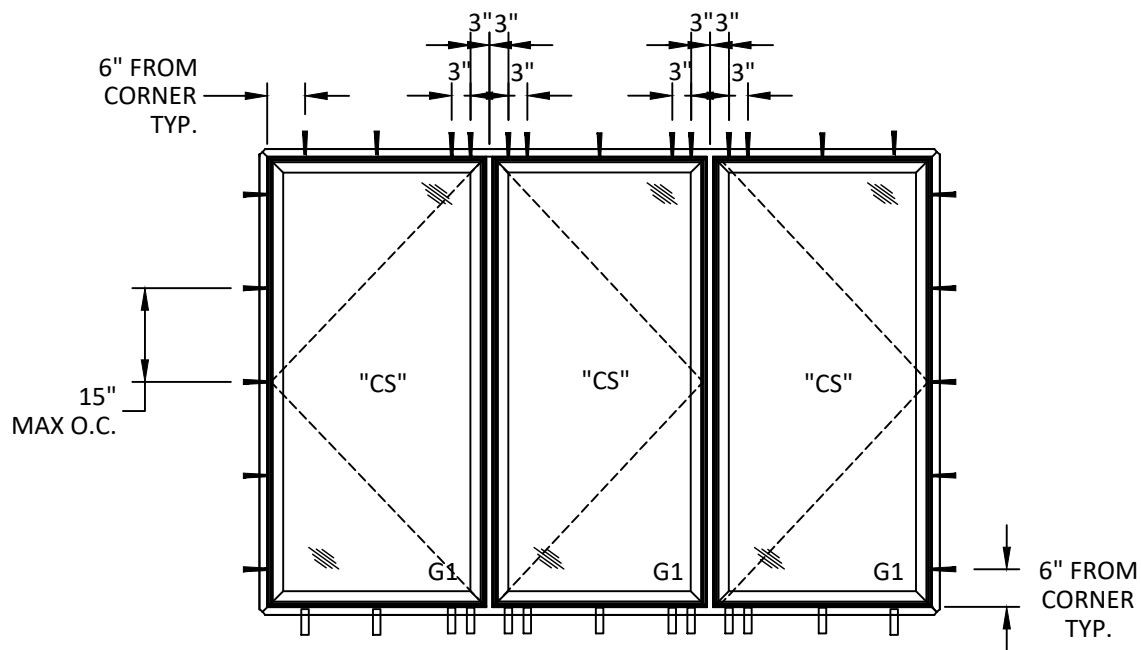
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EXTERIOR ELEVATION
CS-CS-CS



ANCHOR LAYOUT
CS-CS-CS
NAIL FIN AND STRAP



ANCHOR LAYOUT
CS-CS-CS
THROUGH FRAME + STRAP INSTALLATION



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ELEVATIONS & ANCHOR LAYOUTS

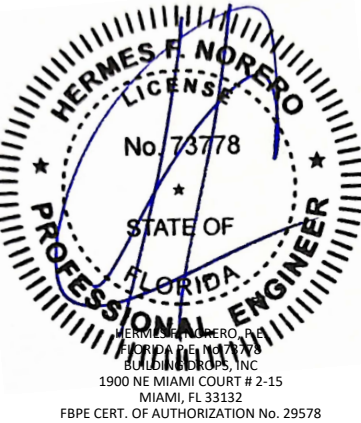
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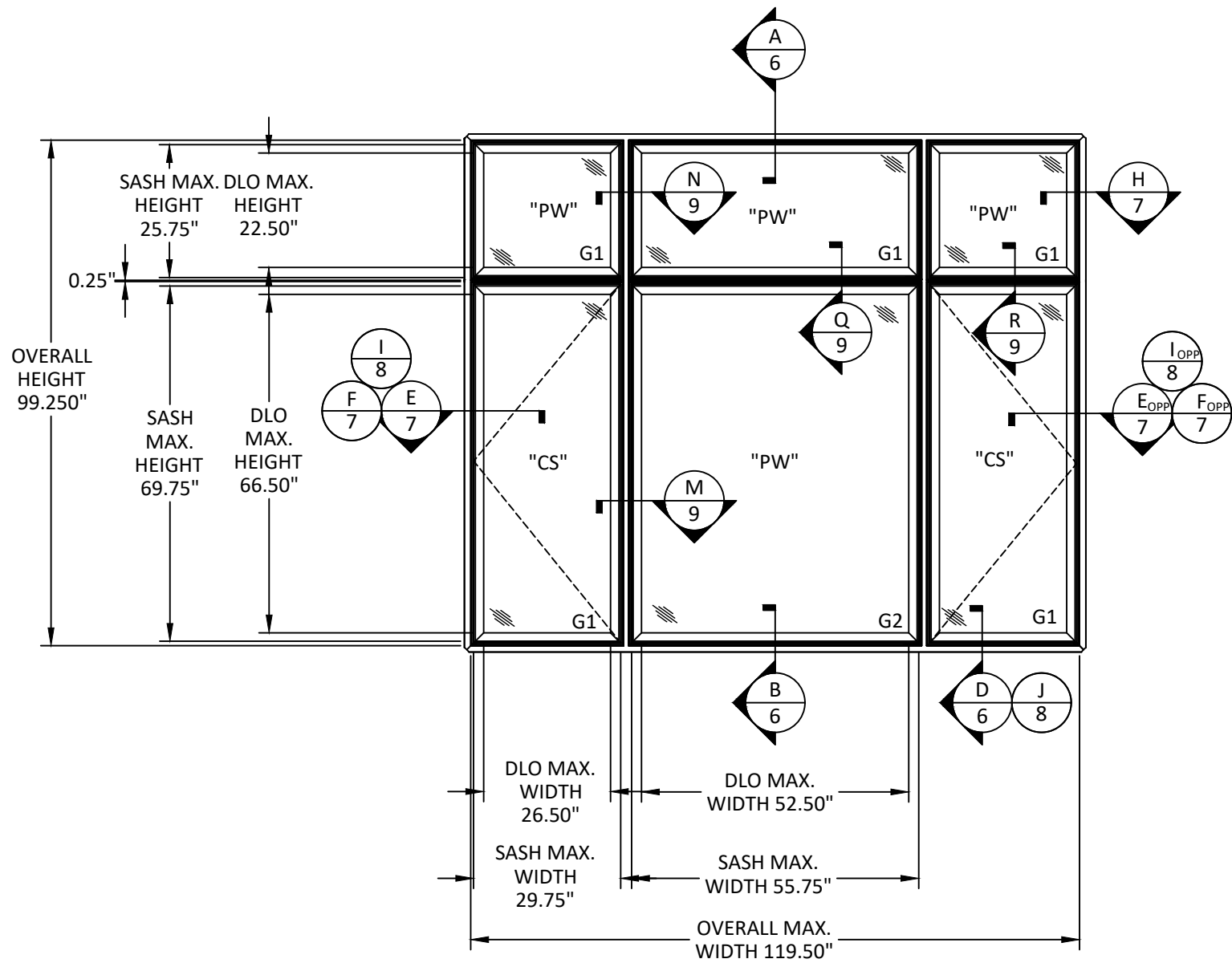
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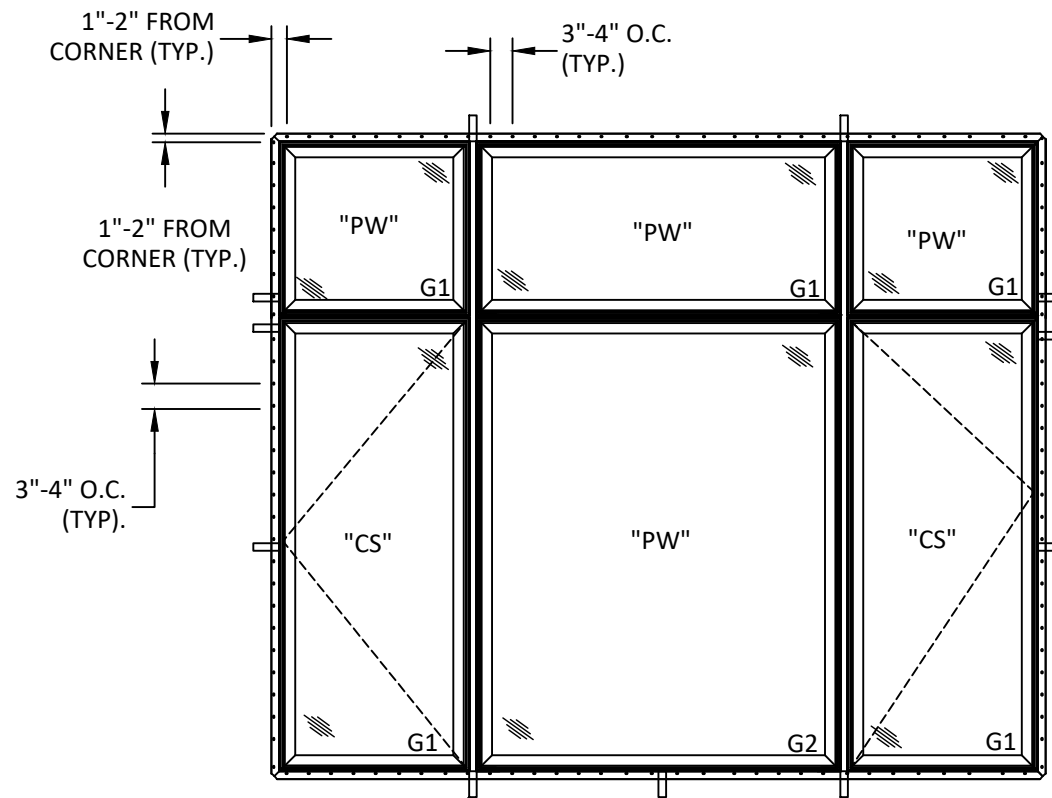


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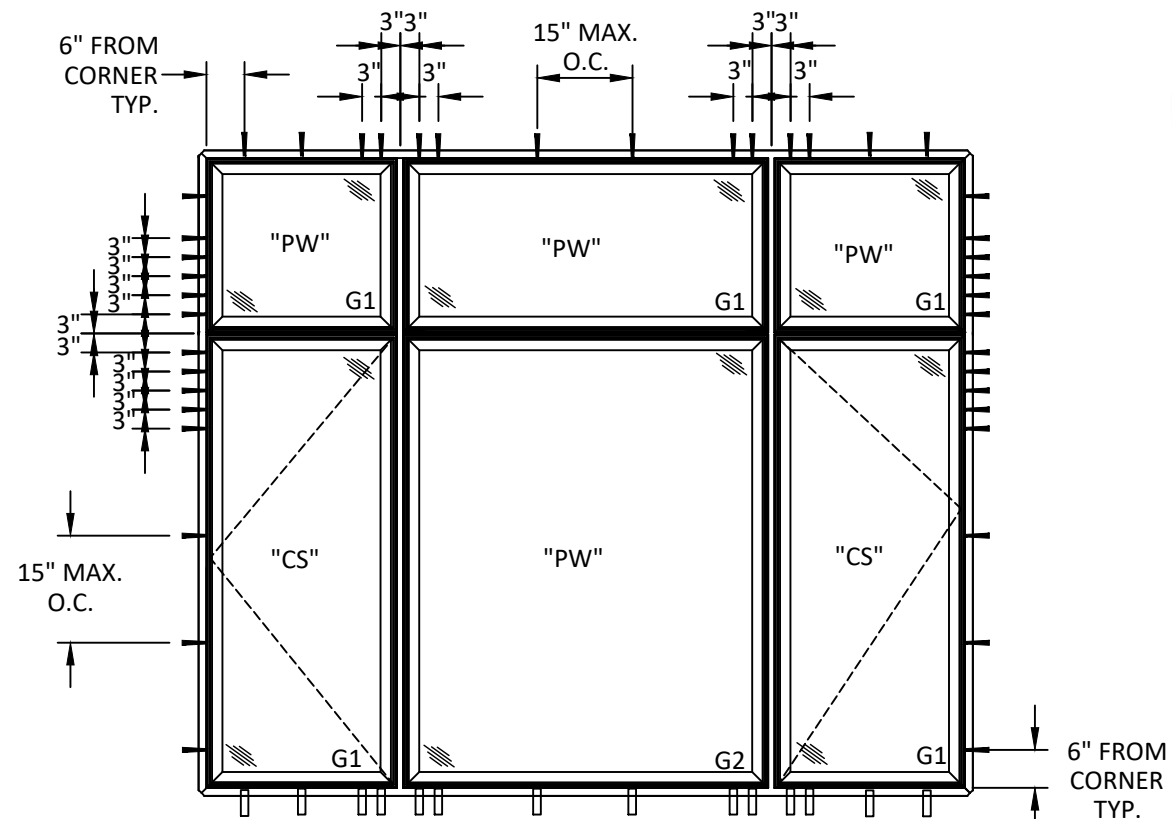


EXTERIOR ELEVATION
CASEMENT OPERATOR/PICTURE/OPERATOR COMPOSITE
WITH FIXED CASEMENT TRANSOMS



STRAPS AT VERTICAL MULLION
END LOCATIONS

ANCHOR LAYOUT
NAIL FIN AND STRAP



ANCHOR LAYOUT
THROUGH FRAME + STRAP INSTALLATION



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ELEVATIONS & ANCHOR LAYOUTS

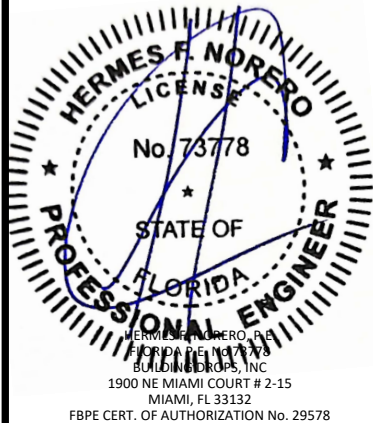
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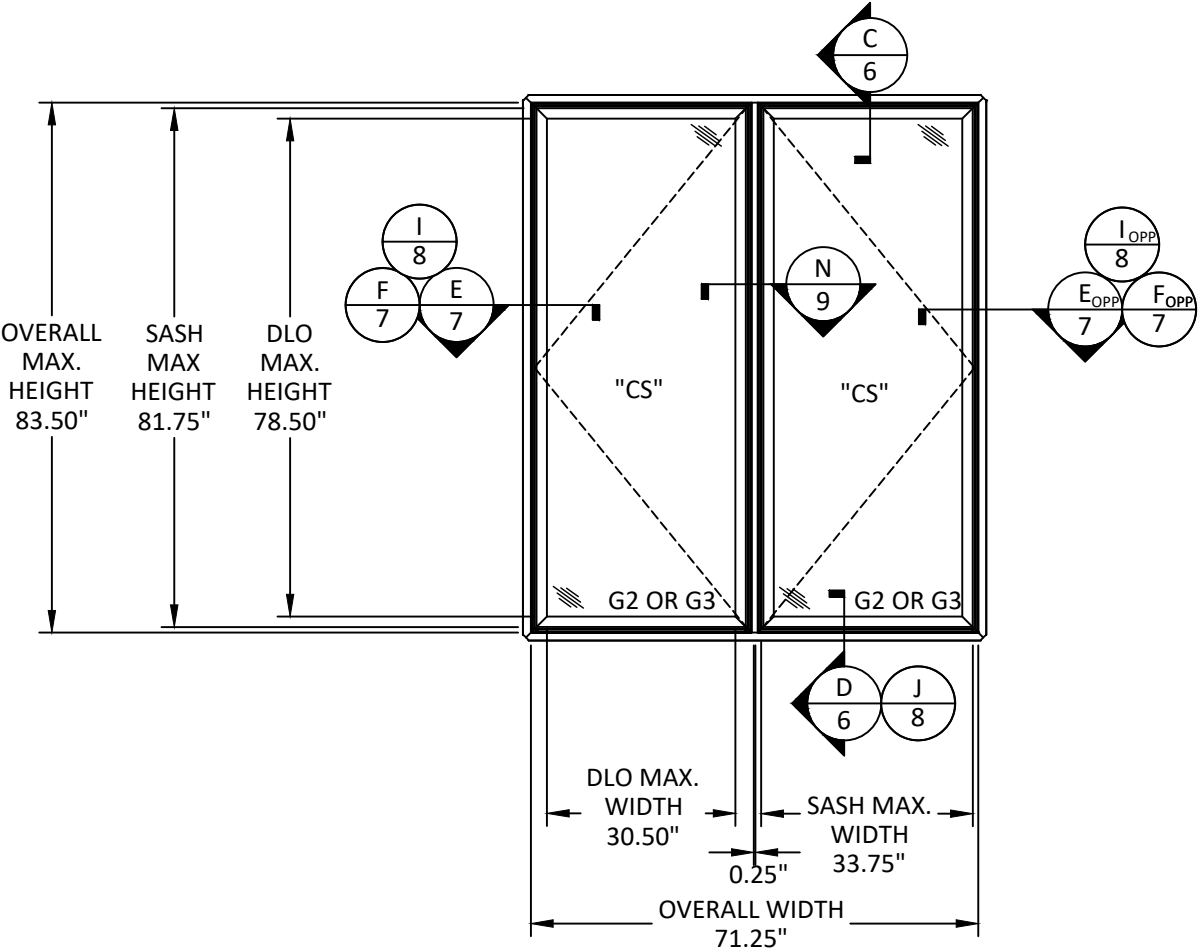
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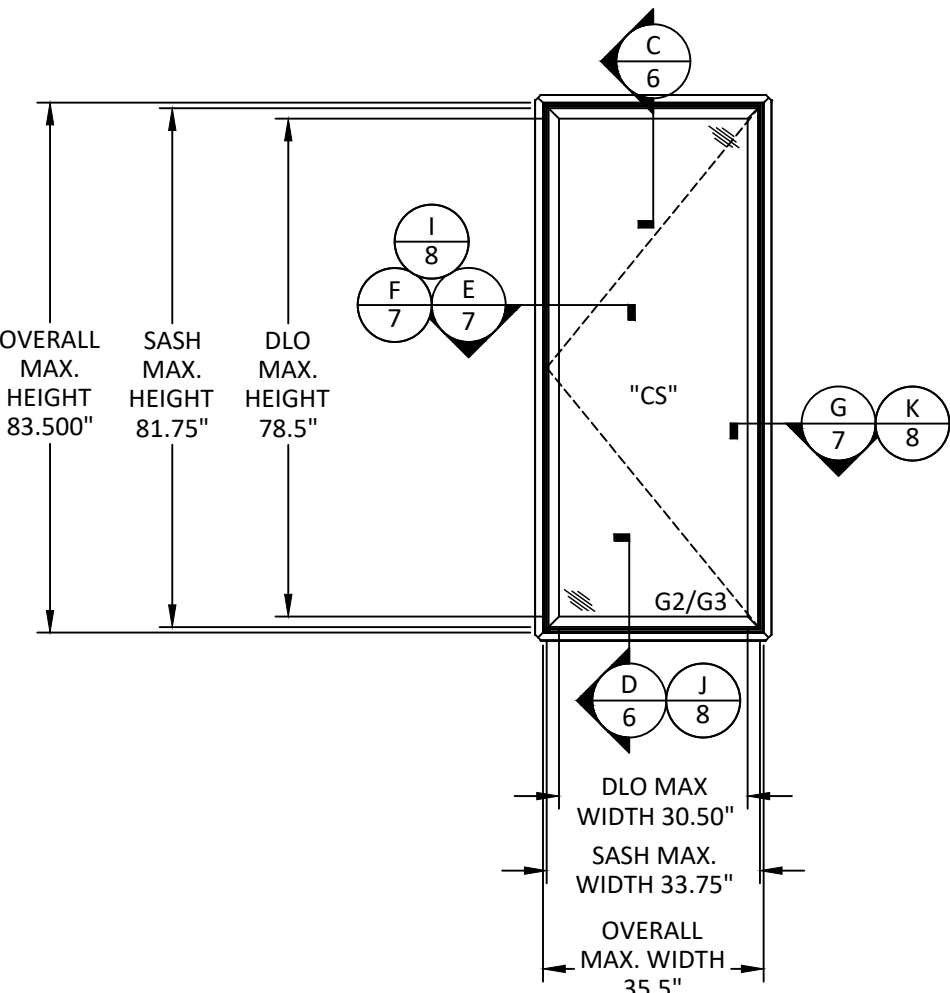
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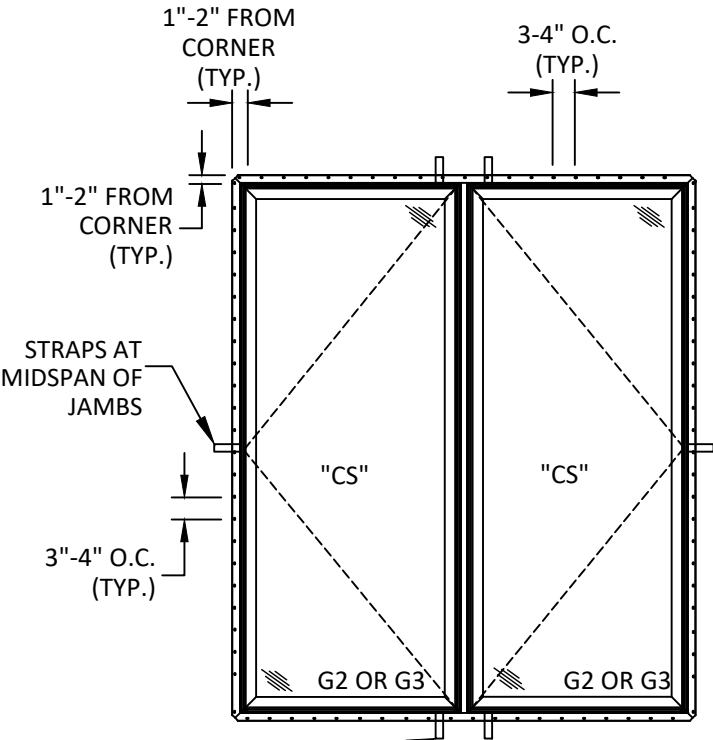
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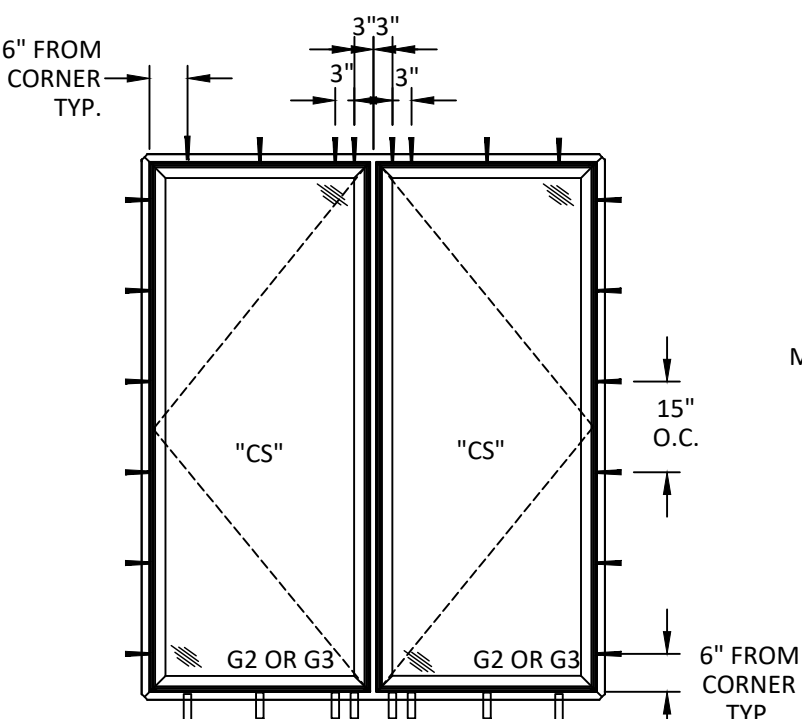
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CS-CS



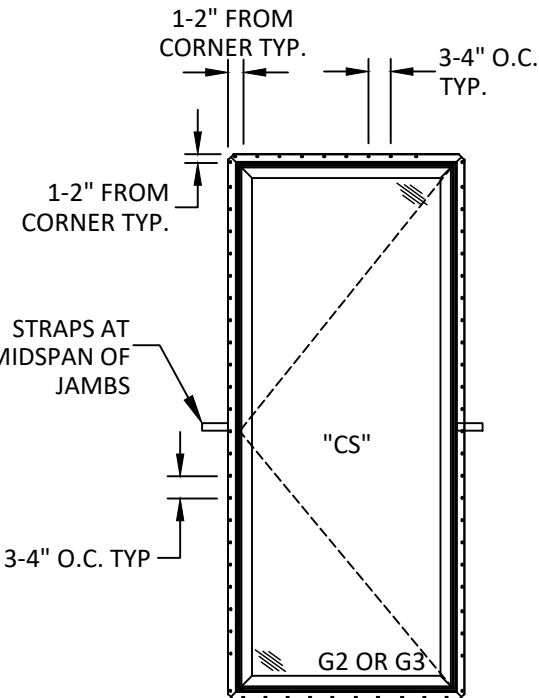
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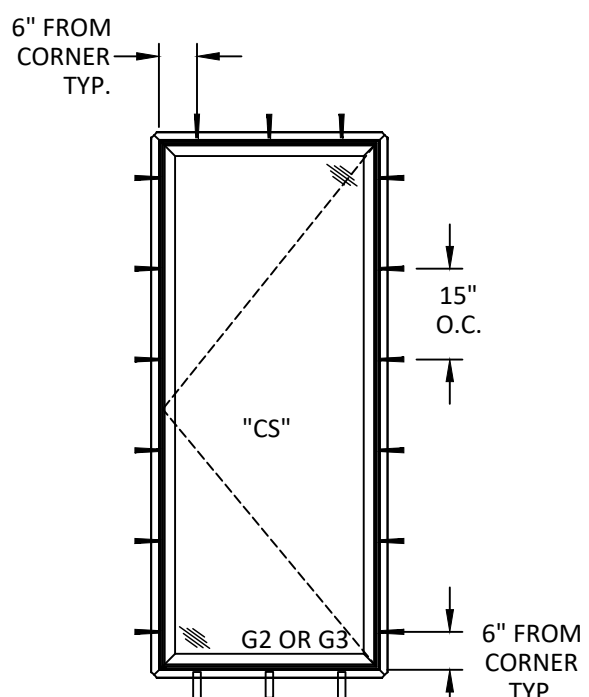
ANCHOR LAYOUT
NAIL FIN AND STRAP



ANCHOR LAYOUT
THROUGH FRAME + STRAP
INSTALLATION



ANCHOR LAYOUT
NAIL FIN AND STRAP



ANCHOR LAYOUT
THROUGH FRAME + STRAP
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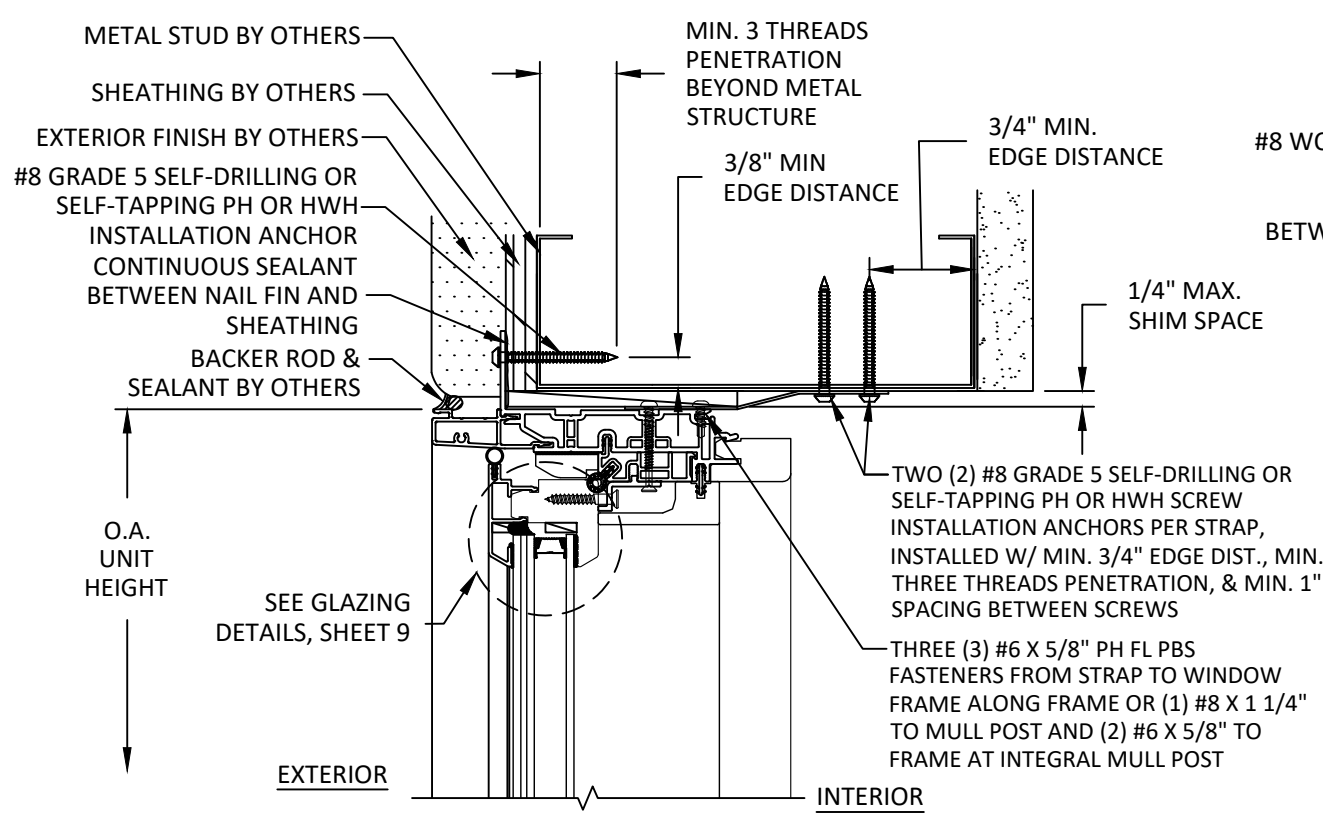
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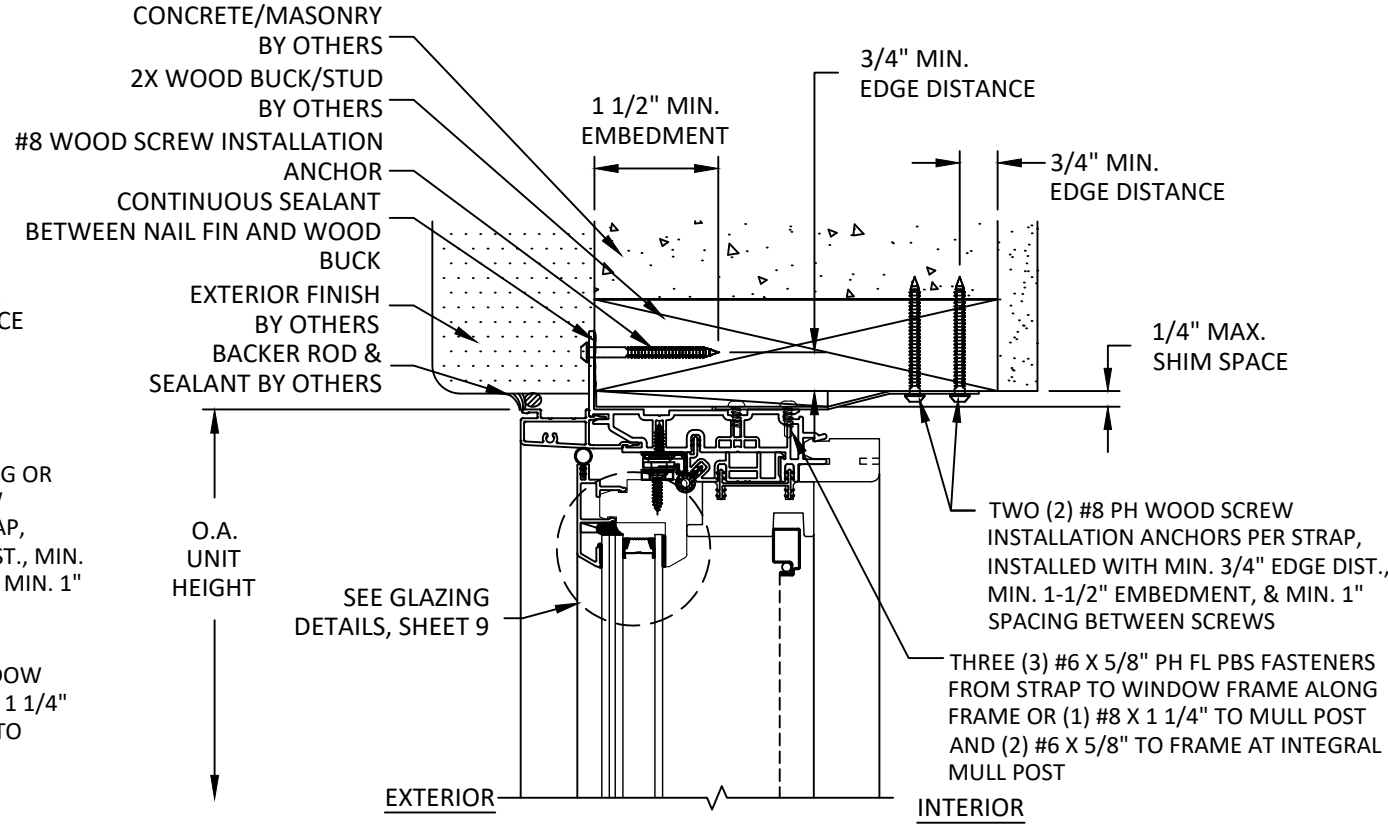


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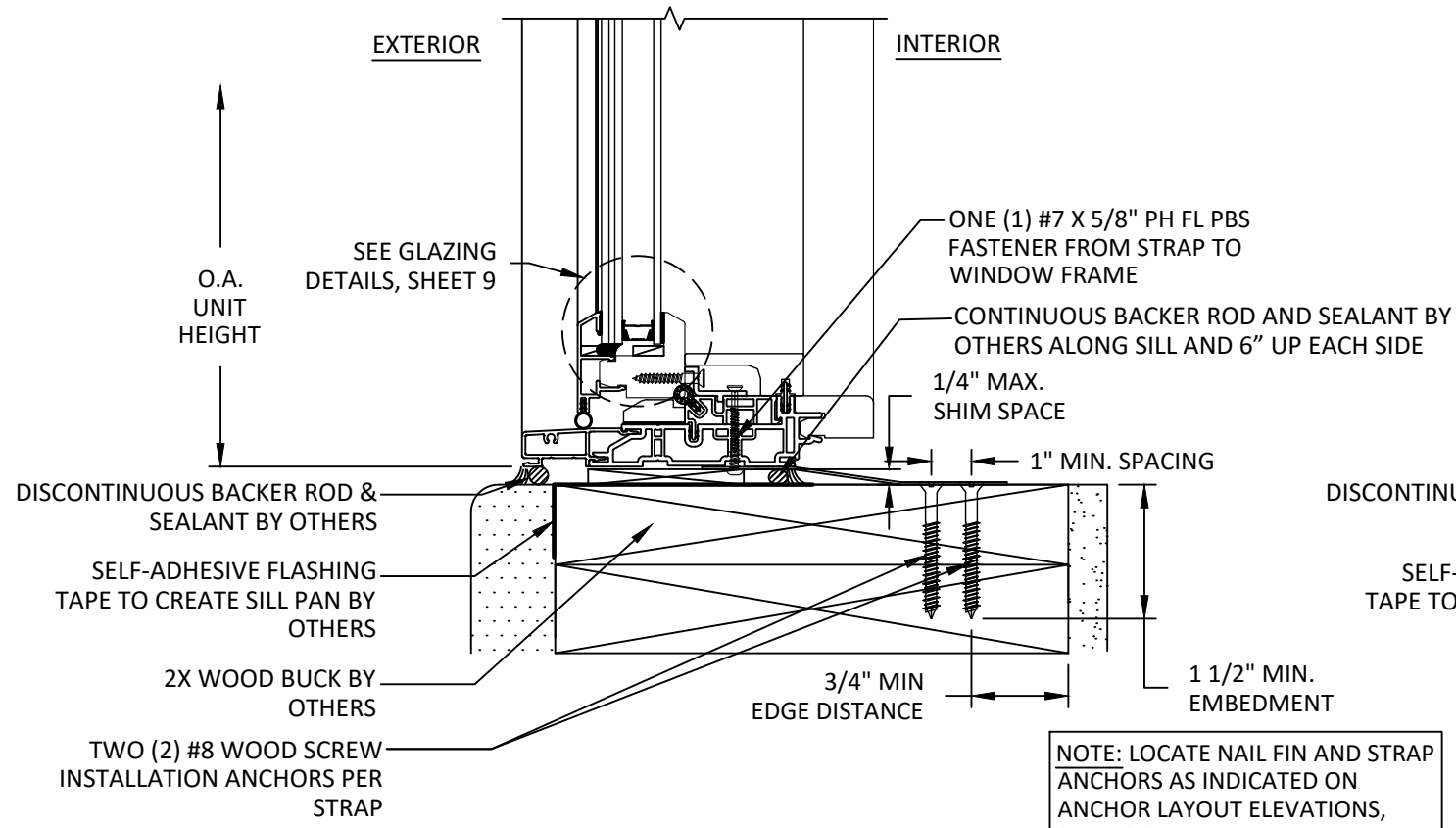
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A
6 **VERTICAL SECTION**
FIXED HEAD-METAL STUD
FIN INSTALLATION

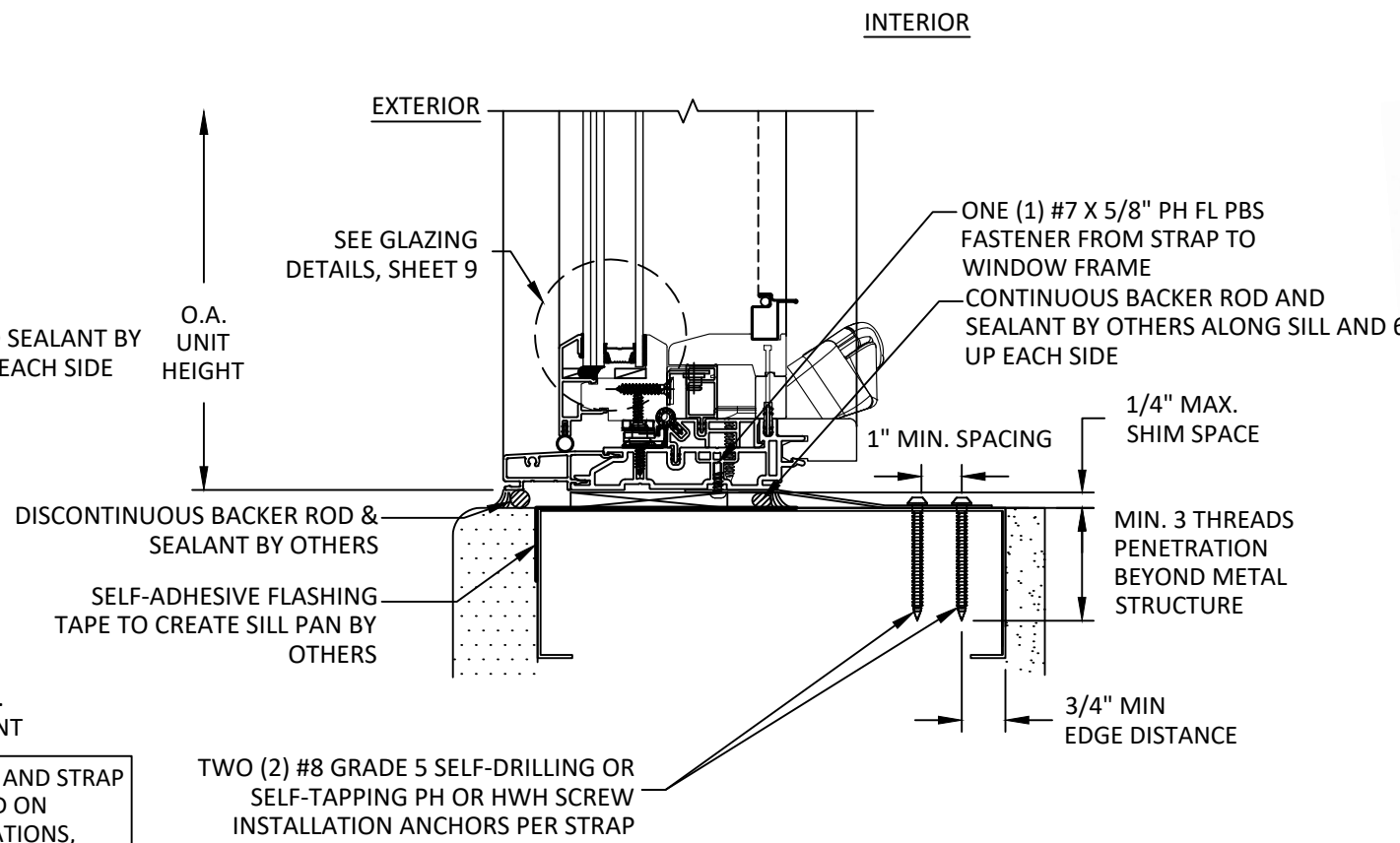


C
6 **VERTICAL SECTION**
OPERABLE HEAD-2X WOOD BUCK
FIN INSTALLATION



B
6 **VERTICAL SECTION**
FIXED SILL - 1X WOOD BUCK
FLEXIBLE SILL PAN INSTALLATION

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



D
6 **VERTICAL SECTION**
OPERABLE SILL - STEEL STUD
FLEXIBLE SILL PAN INSTALLATION



**SIERRA
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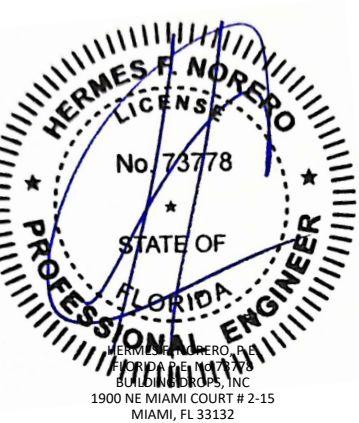
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CASEMENT WINDOWS
(WZ3)(IMPACT)
VERTICAL SECTIONS
INSTALLATION DETAILS

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LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
HERMES F. NORERO, P.E.
BUILDING DROPS, INC.
1900 NE MIAMI COURT # 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL23008

DATE: **02.11.2020**

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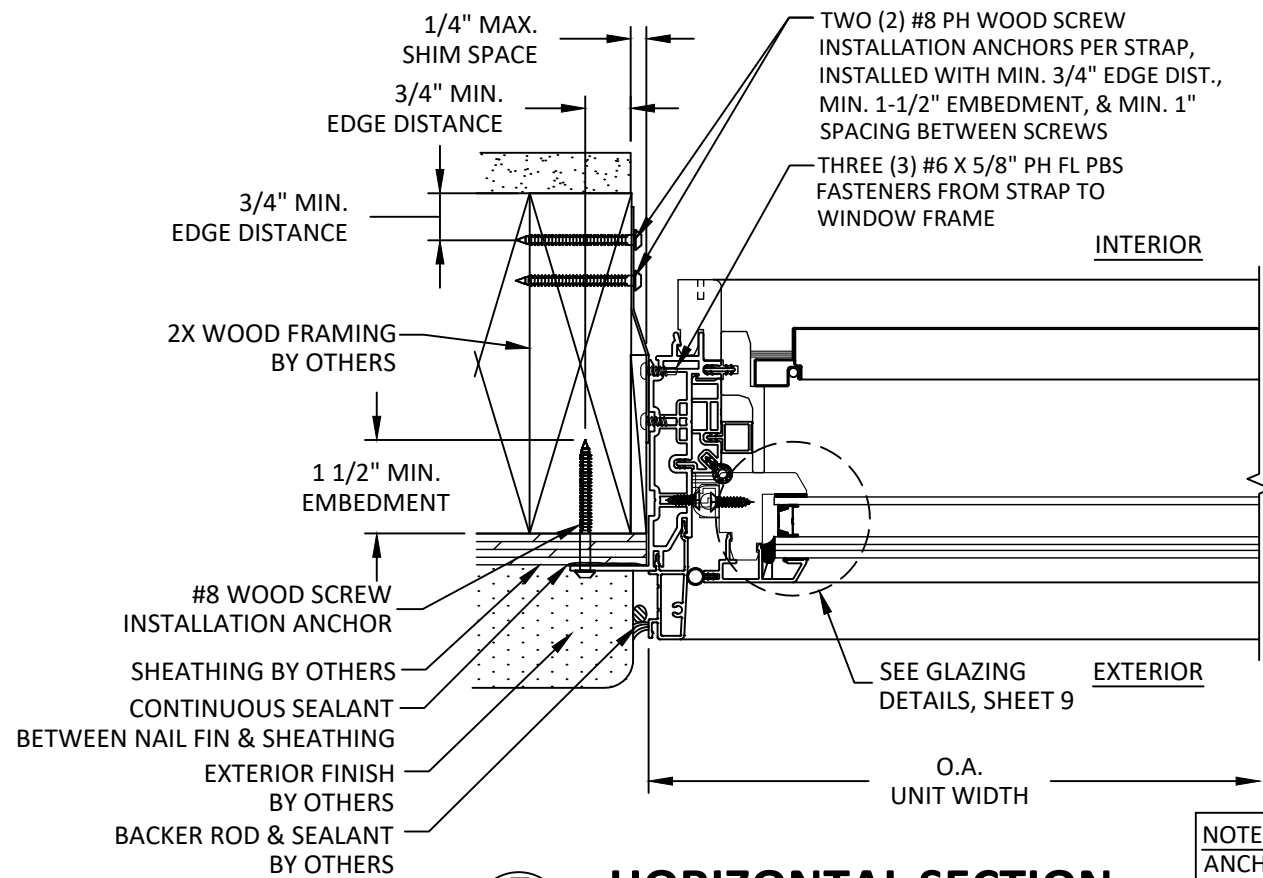
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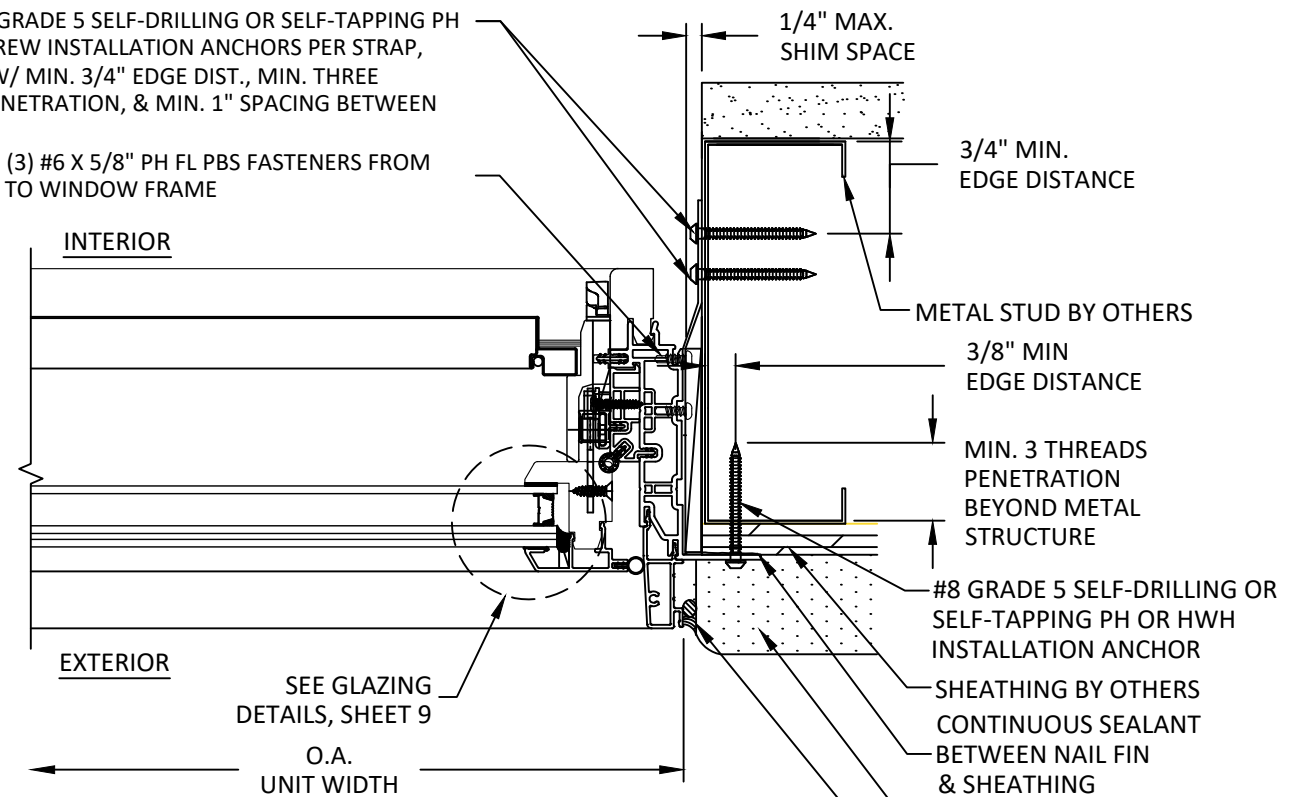
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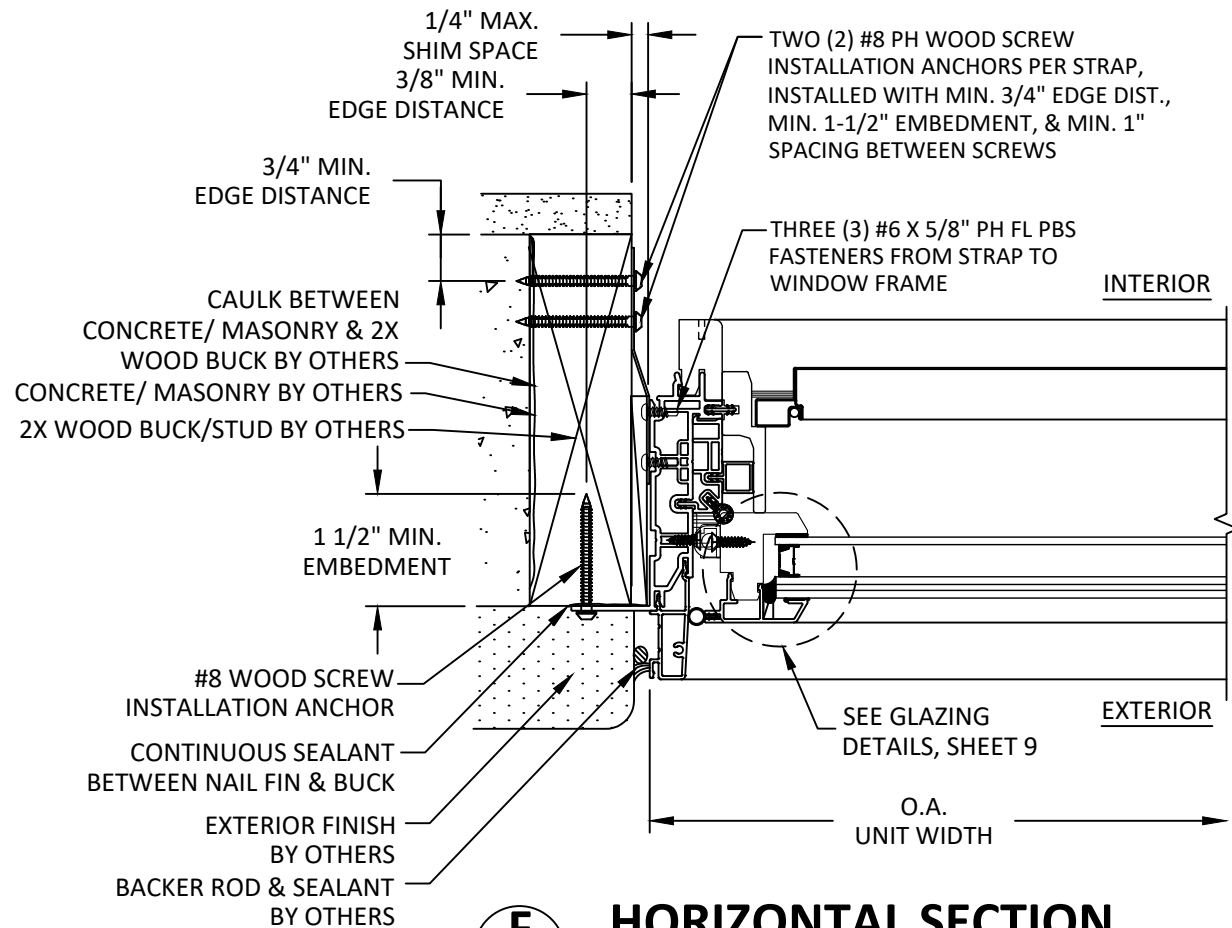
E7 HORIZONTAL SECTION
OPERABLE JAMB - 2X WOOD FRAME
FIN + STRAP INSTALLATION

TWO (2) #8 GRADE 5 SELF-DRILLING OR SELF-TAPPING PH OR HWH SCREW INSTALLATION ANCHORS PER STRAP, INSTALLED W/ MIN. 3/4" EDGE DIST., MIN. THREE THREADS PENETRATION, & MIN. 1" SPACING BETWEEN SCREWS
THREE (3) #6 X 5/8" PH FL PBS FASTENERS FROM STRAP TO WINDOW FRAME



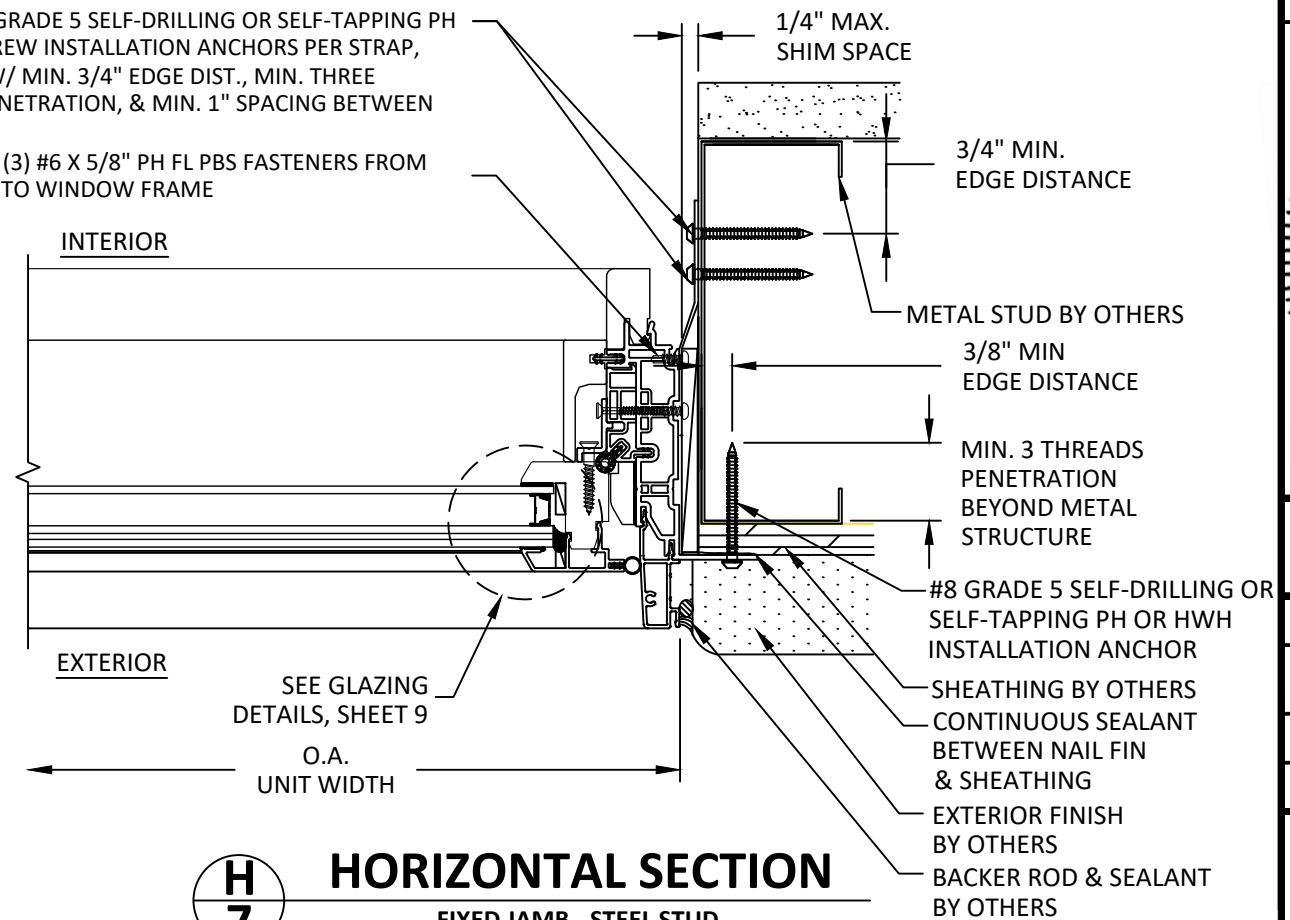
G7 HORIZONTAL SECTION
LOCK JAMB - STEEL STUD
FIN + STRAP INSTALLATION

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



F7 HORIZONTAL SECTION
OPERABLE JAMB - WOOD BUCK
FIN + STRAP INSTALLATION

TWO (2) #8 GRADE 5 SELF-DRILLING OR SELF-TAPPING PH OR HWH SCREW INSTALLATION ANCHORS PER STRAP, INSTALLED W/ MIN. 3/4" EDGE DIST., MIN. THREE THREADS PENETRATION, & MIN. 1" SPACING BETWEEN SCREWS
THREE (3) #6 X 5/8" PH FL PBS FASTENERS FROM STRAP TO WINDOW FRAME



H7 HORIZONTAL SECTION
FIXED JAMB - STEEL STUD
FIN + STRAP INSTALLATION



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TITLE: FEELSAFE H3 2.0
CASEMENT WINDOWS
(WZ3)(IMPACT)

HORIZONTAL SECTIONS
INSTALLATION DETAILS

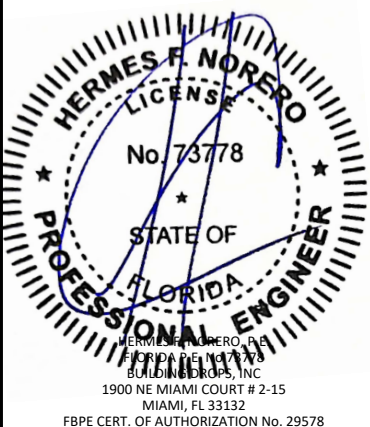
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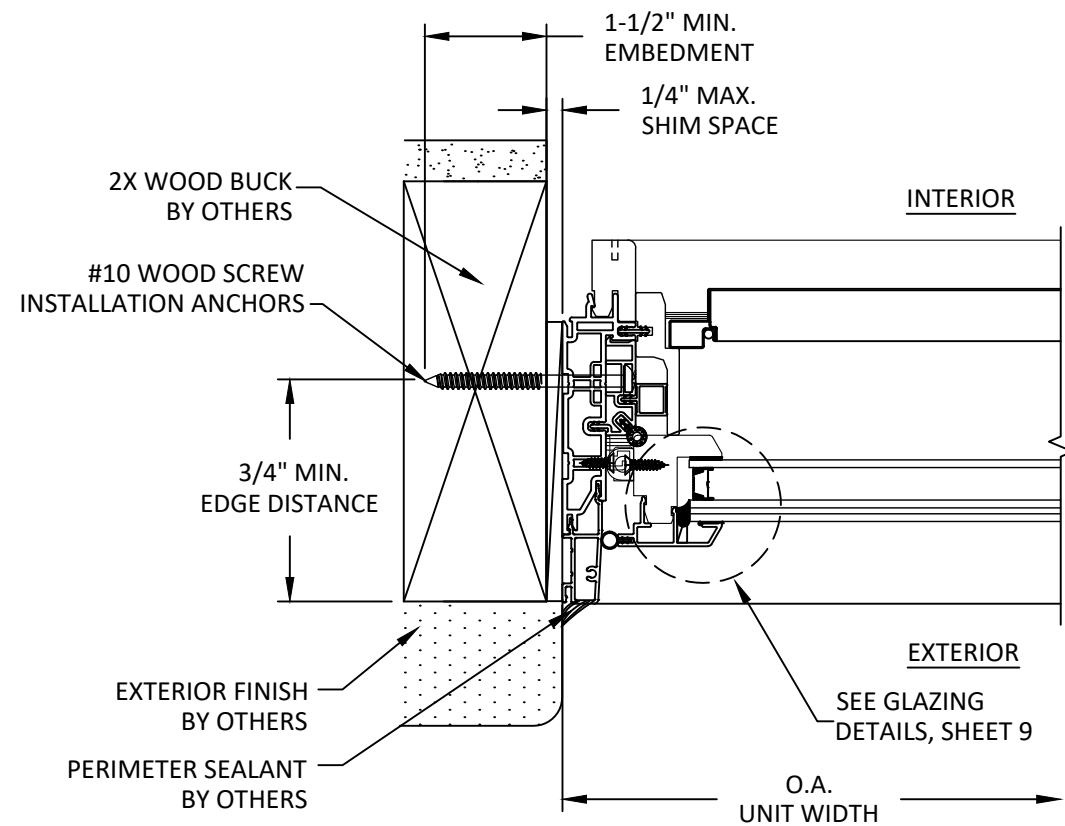
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CODE CHANGE 2020	YC	10/20
ADDITIONAL DETAILS	LL	02/22
CODE CHANGE 2023	MG	08/23
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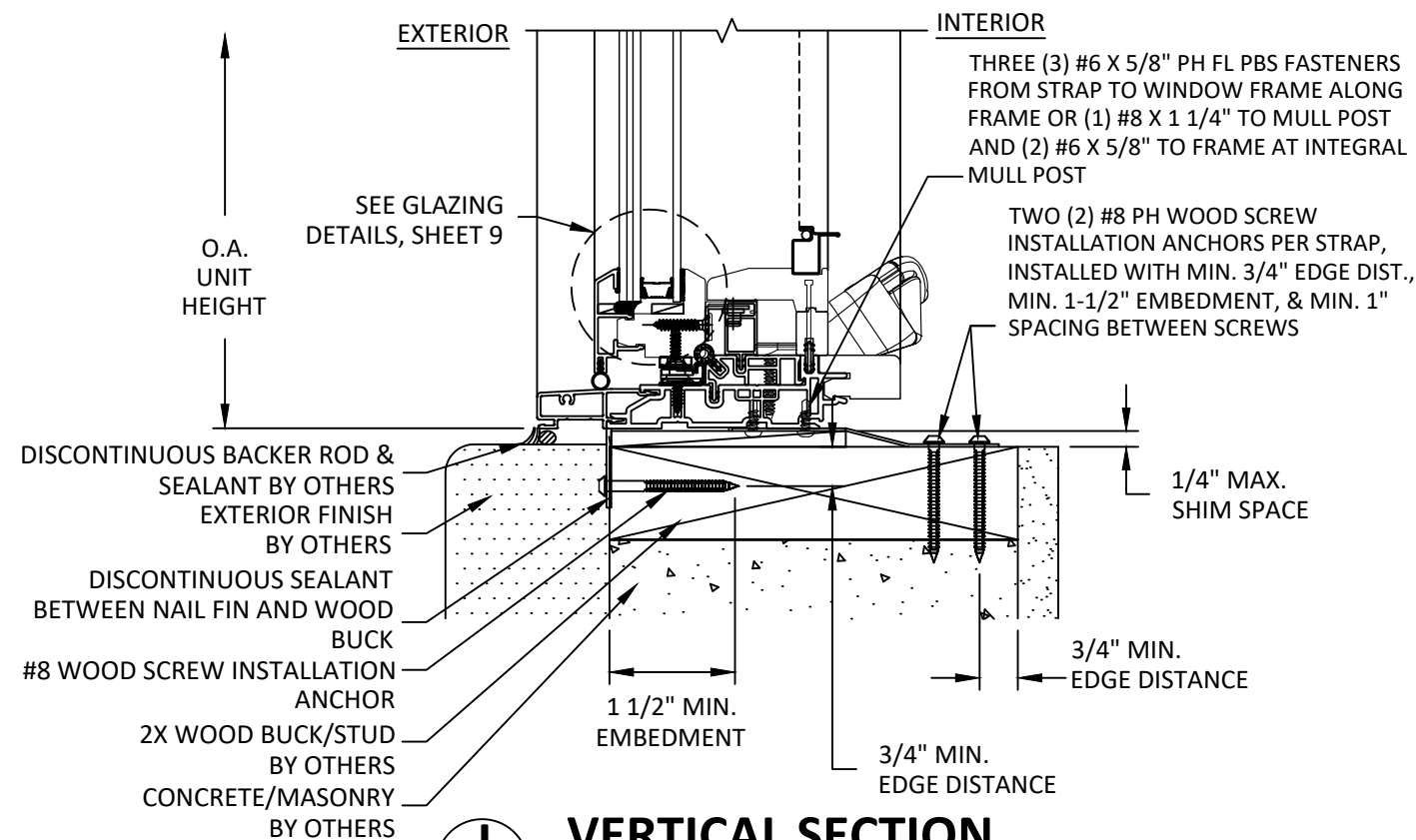


FL #:	FL23008
DATE:	02.11.2020
DWG. BY:	YC
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	SPW010
SHEET:	7
REV.	D

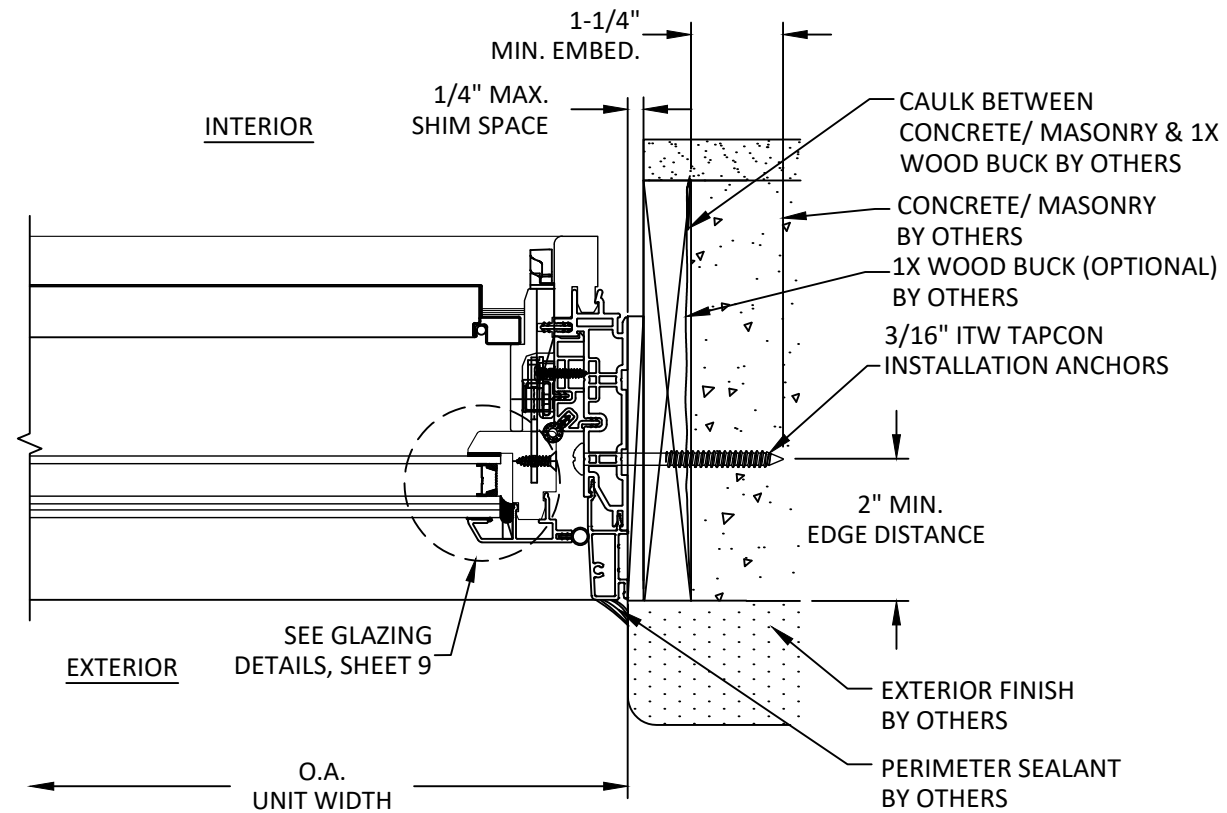
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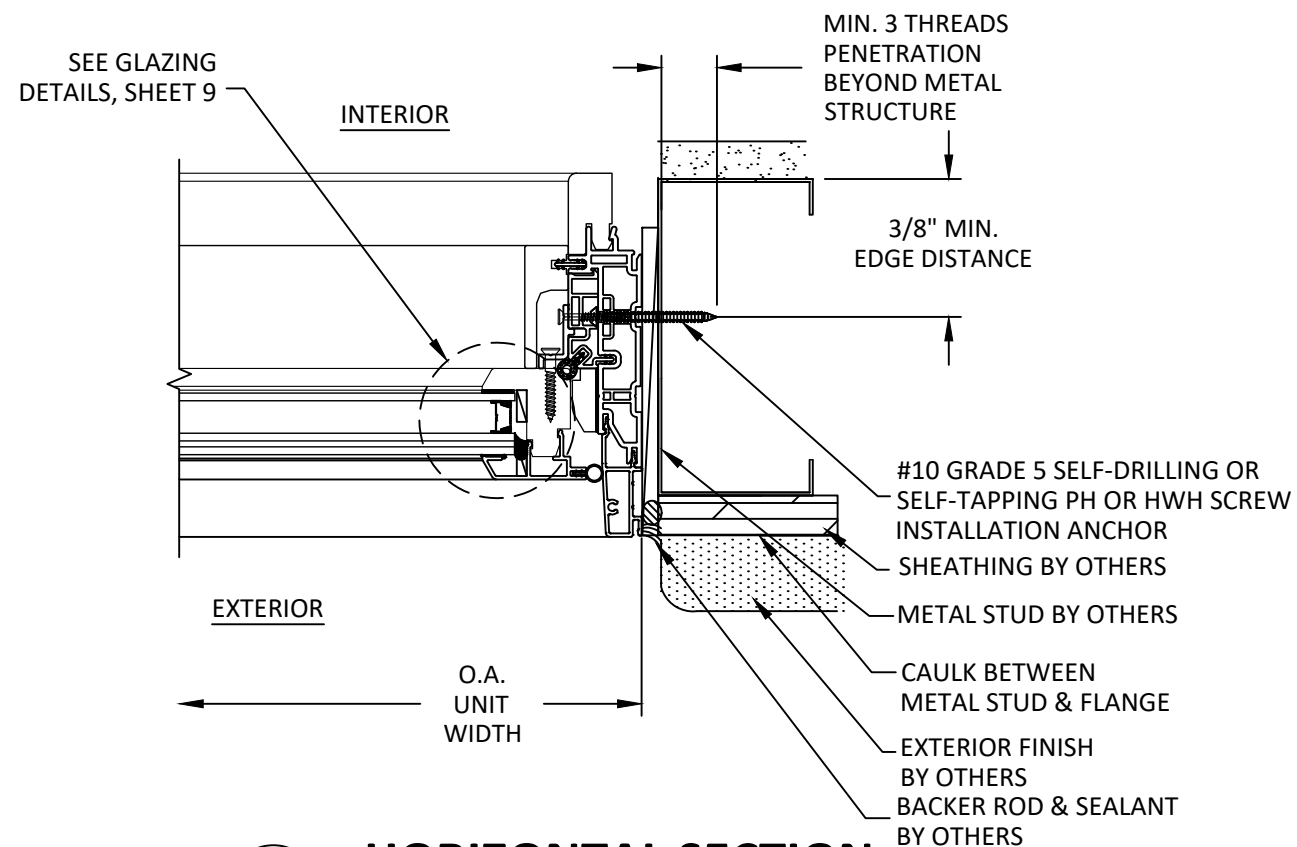
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8 **HORIZONTAL SECTION**
JAMB - 2X WOOD BUCK
THROUGH FRAME INSTALLATION



J
8 **VERTICAL SECTION**
OPERABLE SILL - CONCRETE/MASONRY
FIN + STRAP INSTALLATION



K
8 **HORIZONTAL SECTION**
LOCK JAMB - CONCRETE/MASONRY/1X WOOD BUCK
THROUGH FRAME INSTALLATION



L
8 **HORIZONTAL SECTION**
FIXED JAMB - METAL STUD
THROUGH FRAME INSTALLATION



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TITLE: FEELSAFE H3 2.0
CASEMENT WINDOWS
(WZ3)(IMPACT)

HORIZONTAL & VERTICAL SECTIONS
INSTALLATION DETAILS

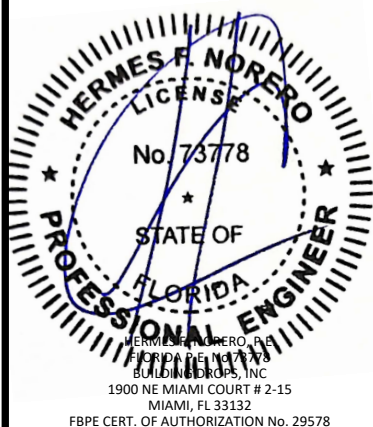
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FL #:

FL23008

DATE: **02.11.2020**

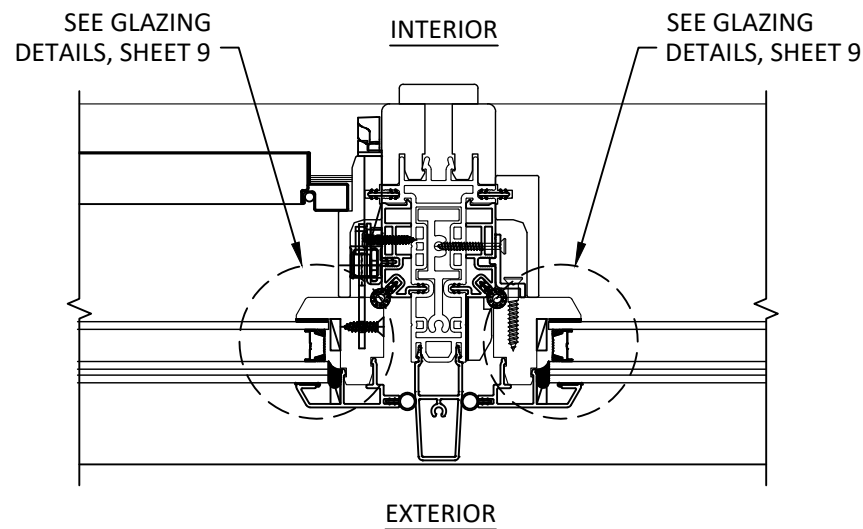
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SCALE: **NTS**

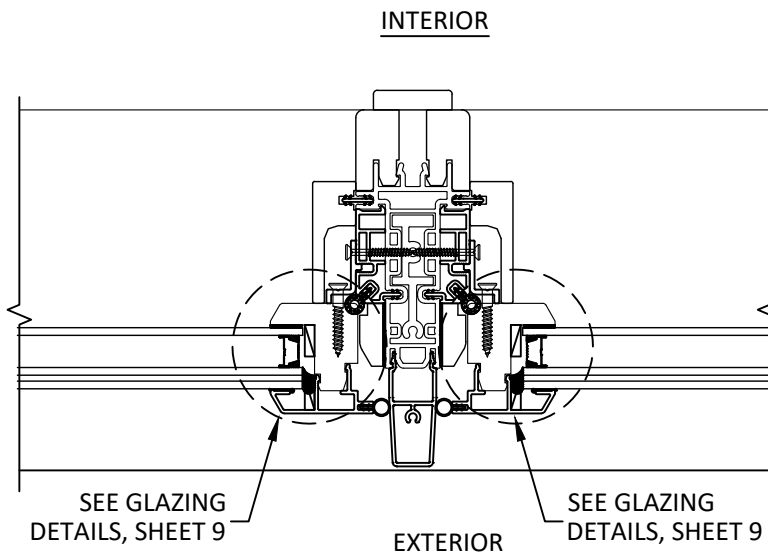
DWG. #: **SPW010**

SHEET: **8** REV. **D**

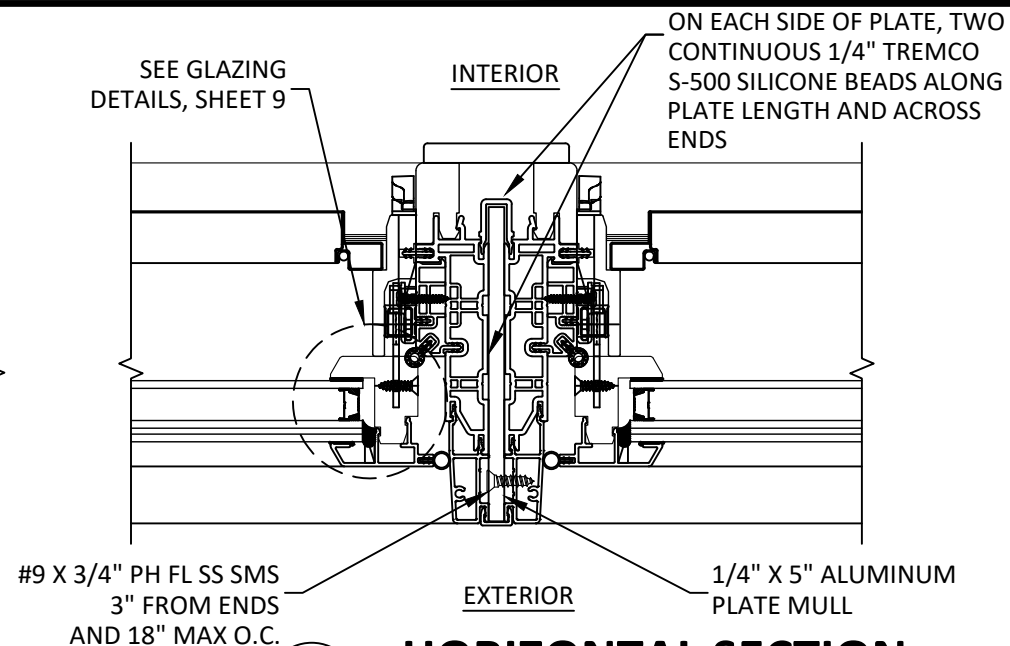
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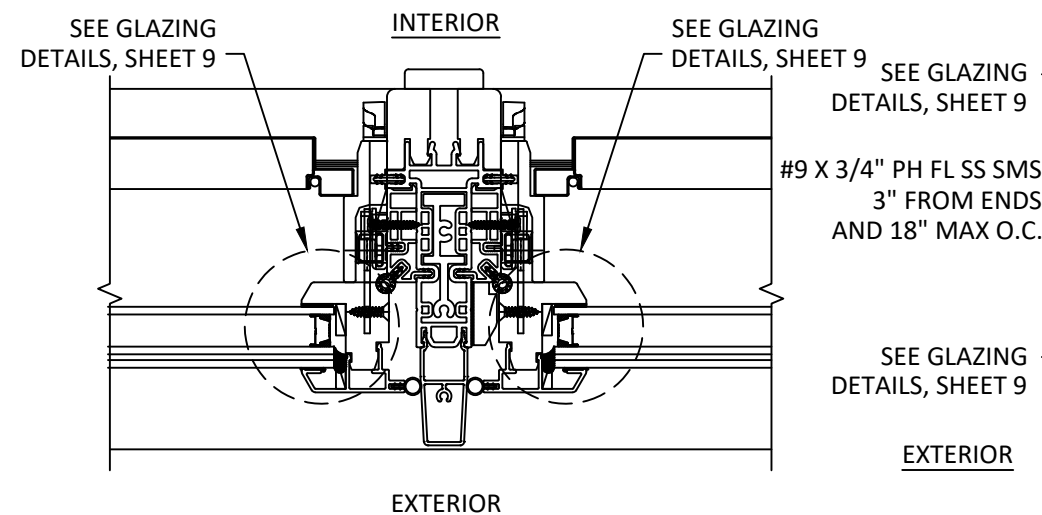
M9 HORIZONTAL SECTION
OPERABLE CASEMENT & FIXED CASEMENT UNIT



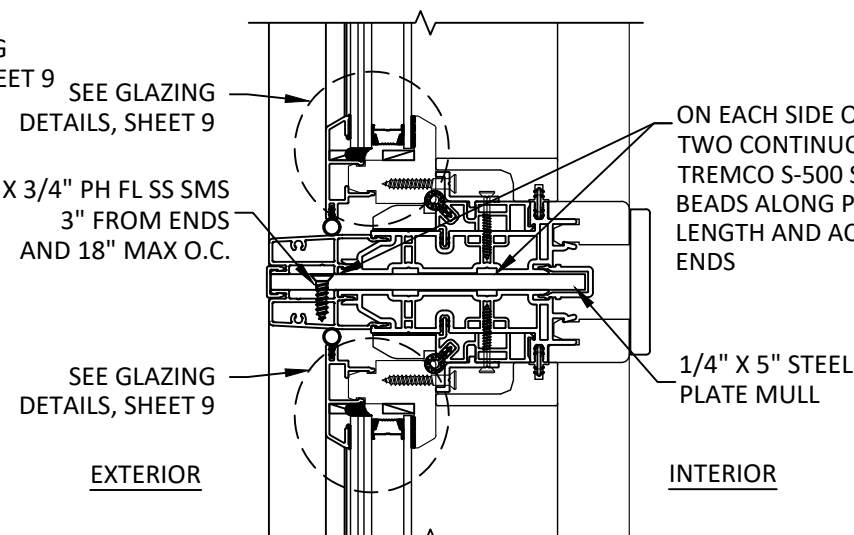
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FIXED CASEMENT UNIT



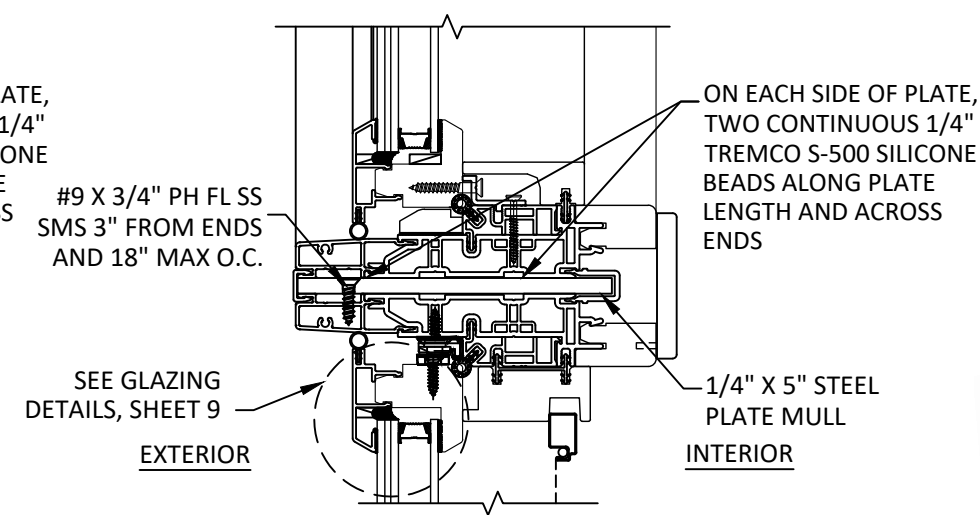
O9 HORIZONTAL SECTION
OPERABLE & OPERABLE CASEMENT UNIT



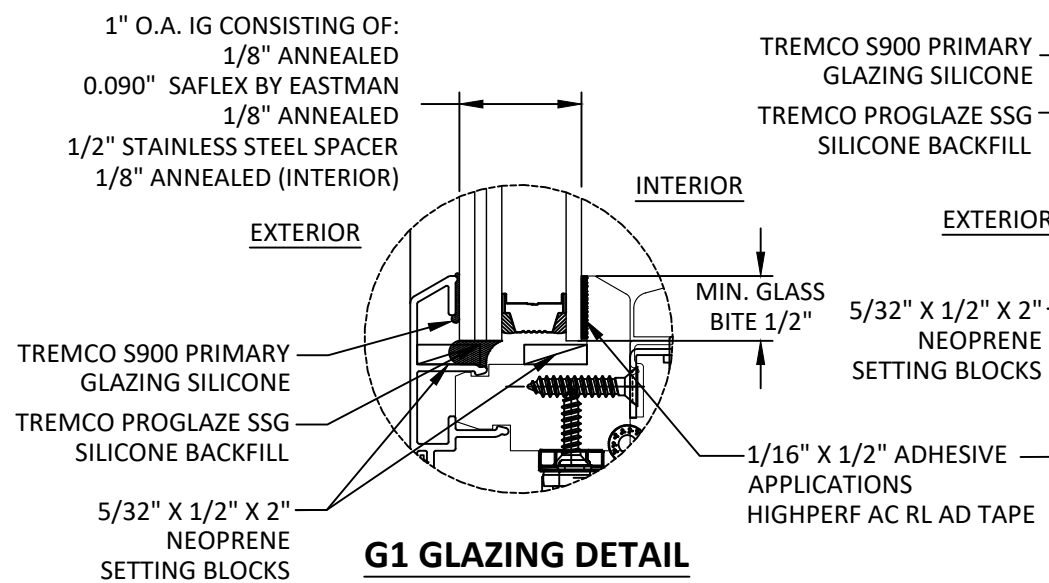
P9 HORIZONTAL SECTION
OPERABLE CASEMENT & OPERABLE CASEMENT UNIT



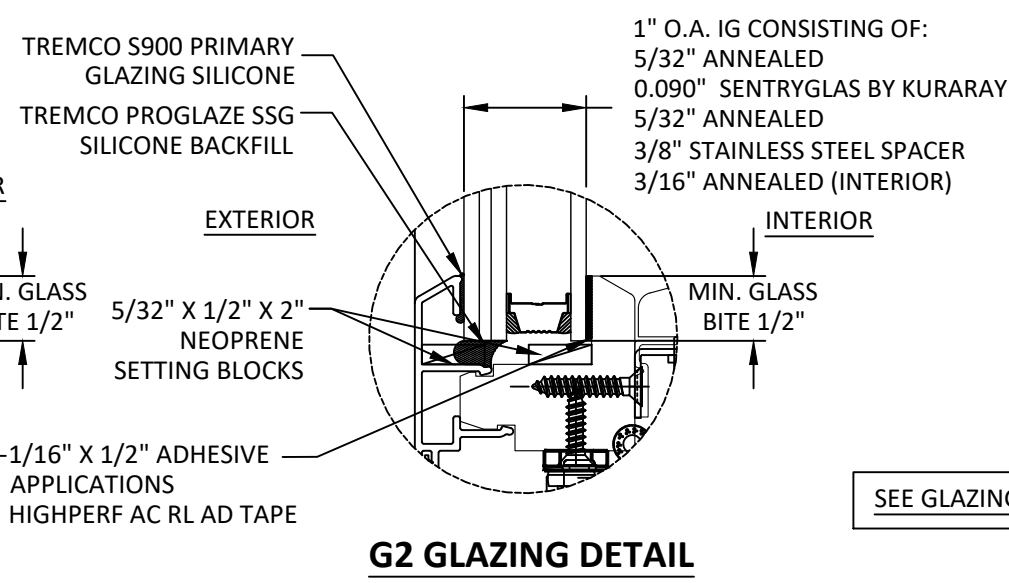
Q9 VERTICAL SECTION
FIXED CASEMENT OVER FIXED CASEMENT UNIT



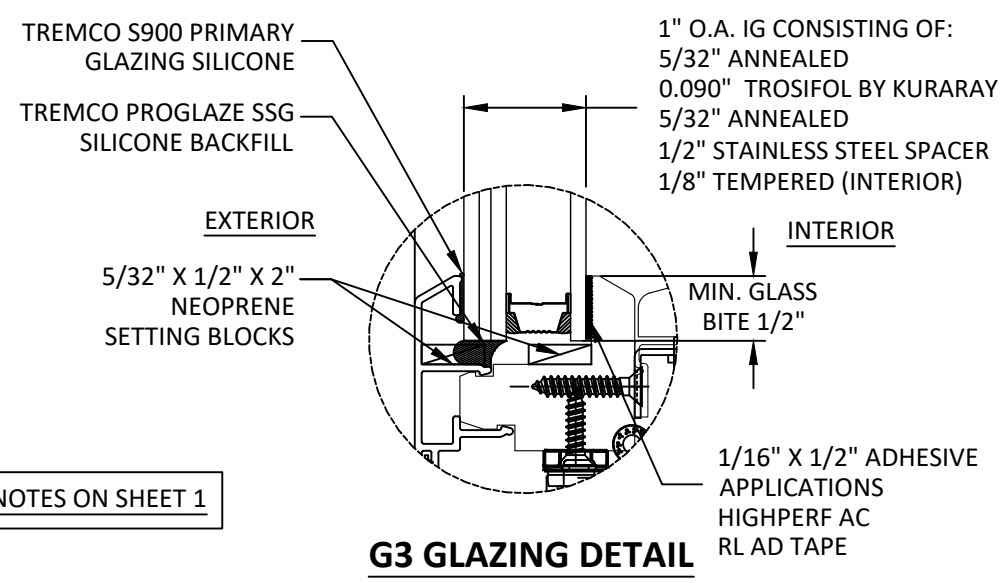
R9 VERTICAL SECTION
FIXED CASEMENT OVER OPERABLE CASEMENT UNIT



G1 GLAZING DETAIL



G2 GLAZING DETAIL



G3 GLAZING DETAIL

SEE GLAZING NOTES ON SHEET 1



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CASEMENT WINDOWS
(WZ3)(IMPACT)

VERTICAL/HORIZONTAL MULLION
& GLAZING DETAILS

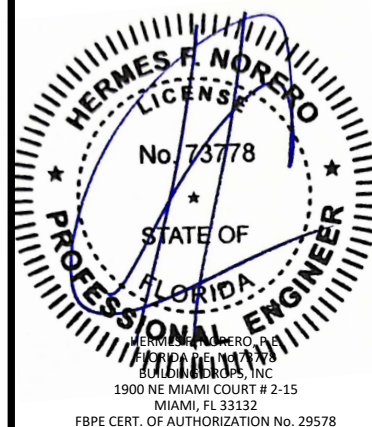
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FL23008

DATE: **02.11.2020**

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

SCALE: **NTS**

DWG. #: **SPW010**

SHEET: **9** REV. **D**

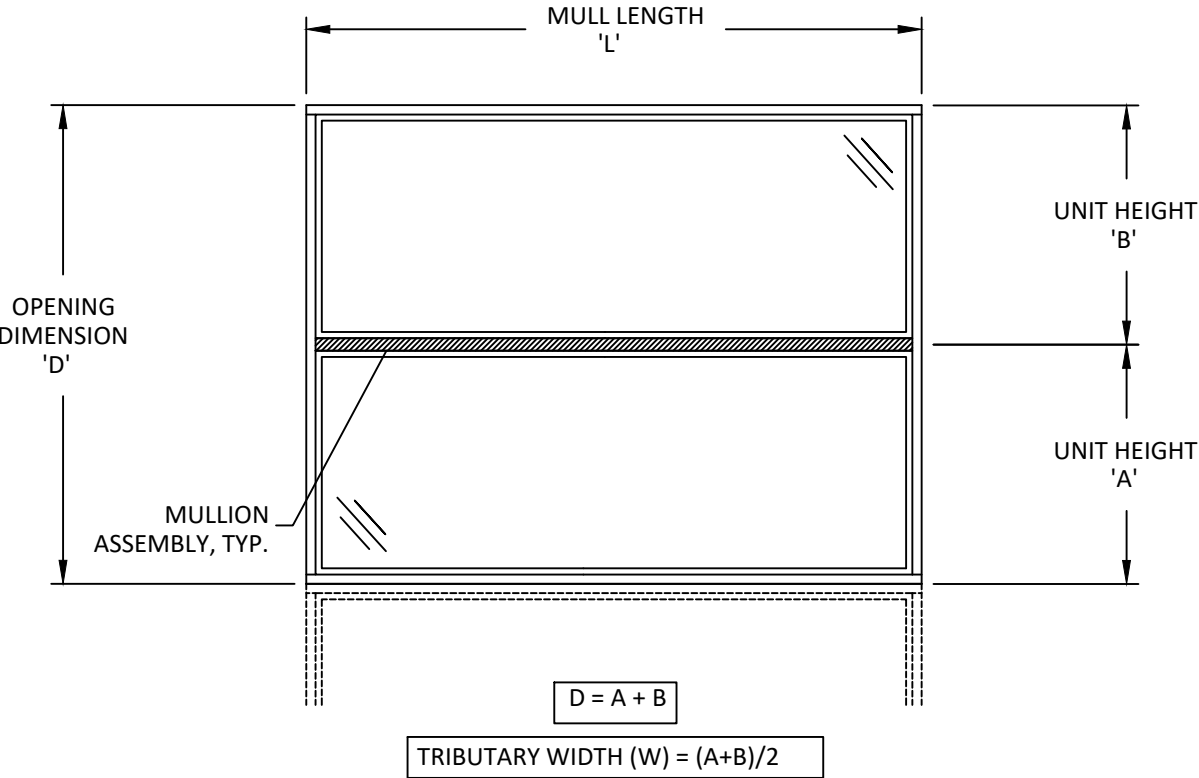
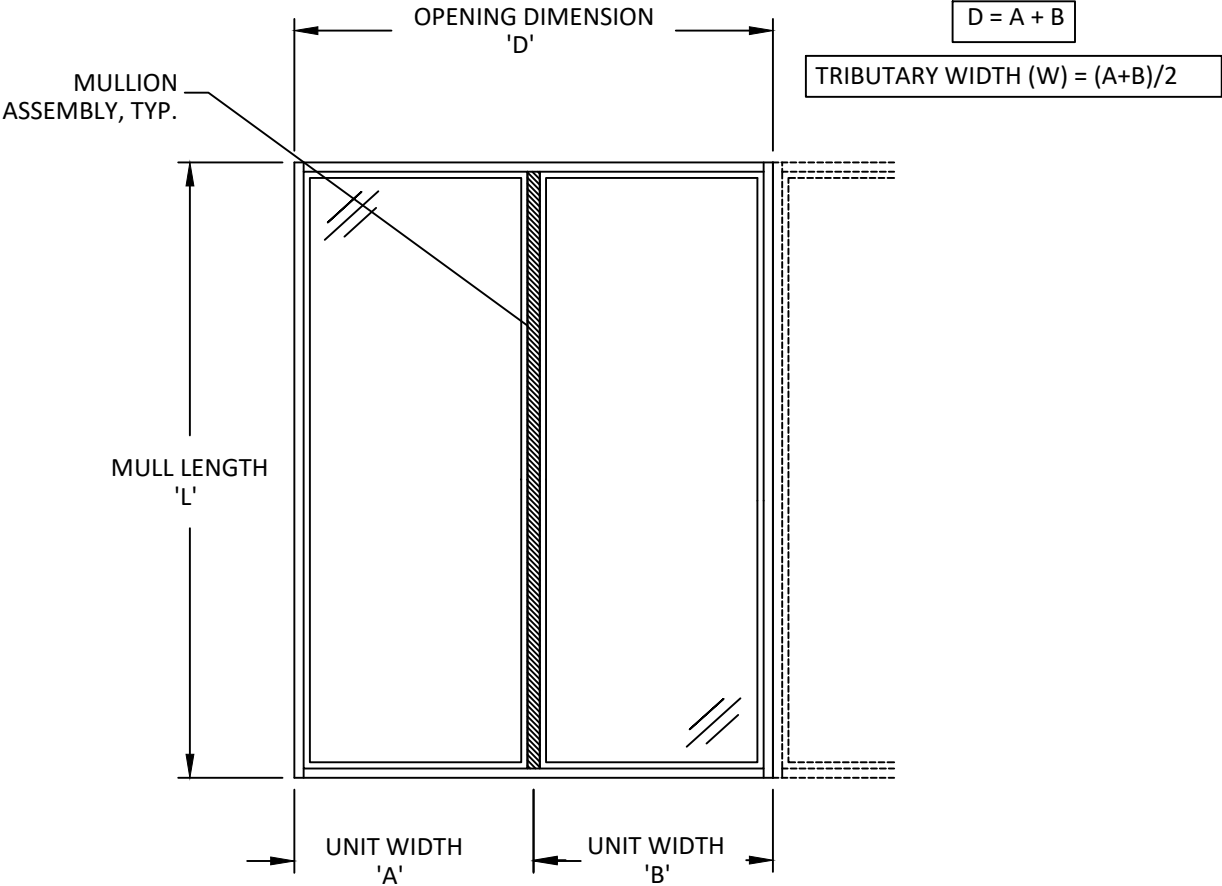
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CASEMENT TO CASEMENT INTEGRAL MULLION
ONE-WAY CONFIGURATIONS (NO INTERMEDIATE MEMBERS)

MAXIMUM DESIGN PRESSURE CAPACITY CHART ONE WAY CASEMENT TO CASEMENT INTEGRAL MULLION			
TRIBUTARY WIDTH (IN.)	LENGTH (IN.)	DESIGN PRESSURE (PSF)	
		POS (+)	NEG (-)
24	54	50.0	60.0
30		50.0	60.0
36		50.0	60.0
42		50.0	60.0
46		50.0	60.0
24	60	50.0	60.0
30		50.0	60.0
36		50.0	60.0
40		50.0	60.0
24	66	50.0	60.0
30		50.0	60.0
36		50.0	60.0
38		50.0	60.0
24	71.5	50.0	60.0
30		50.0	60.0
35.2		50.0	60.0
24	78	50.0	60.0
30		43.4	52.1
24	84	42.3	50.7
26		39.3	47.1

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 'STANDARD INSTALLATION' PROCEDURES, SEE DETAILS ON SHEETS 6-9.
- DESIGN PRESSURES SHALL BE GOVERNED BY THE LESSER OF THE MULLION ASSEMBLY (LISTED IN TABLE) OR INDIVIDUAL WINDOW UNIT.
- MULLIONS MAY BE USED IN ASSEMBLIES UTILIZING MORE THAN TWO WINDOW UNITS AND CAN BE USED FOR UNLIMITED NUMBER OF PANELS.





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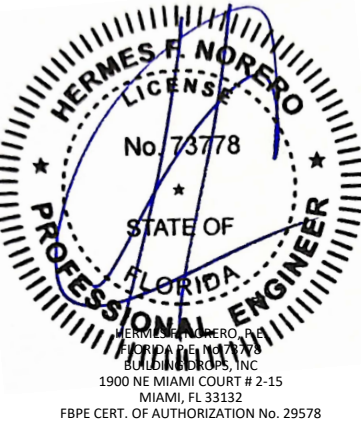
TITLE: FEELSAFE H3 2.0
CASEMENT WINDOWS
(WZ3)(IMPACT)

ONE-WAY DESIGN PRESSURE TABLES

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BUILDING DROPS, INC.
1900 NE MIAMI COURT # 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL23008

DATE: 02.11.2020

DWG. BY: YC	CHK. BY: HFN
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SCALE: NTS

DWG. #: SPW010

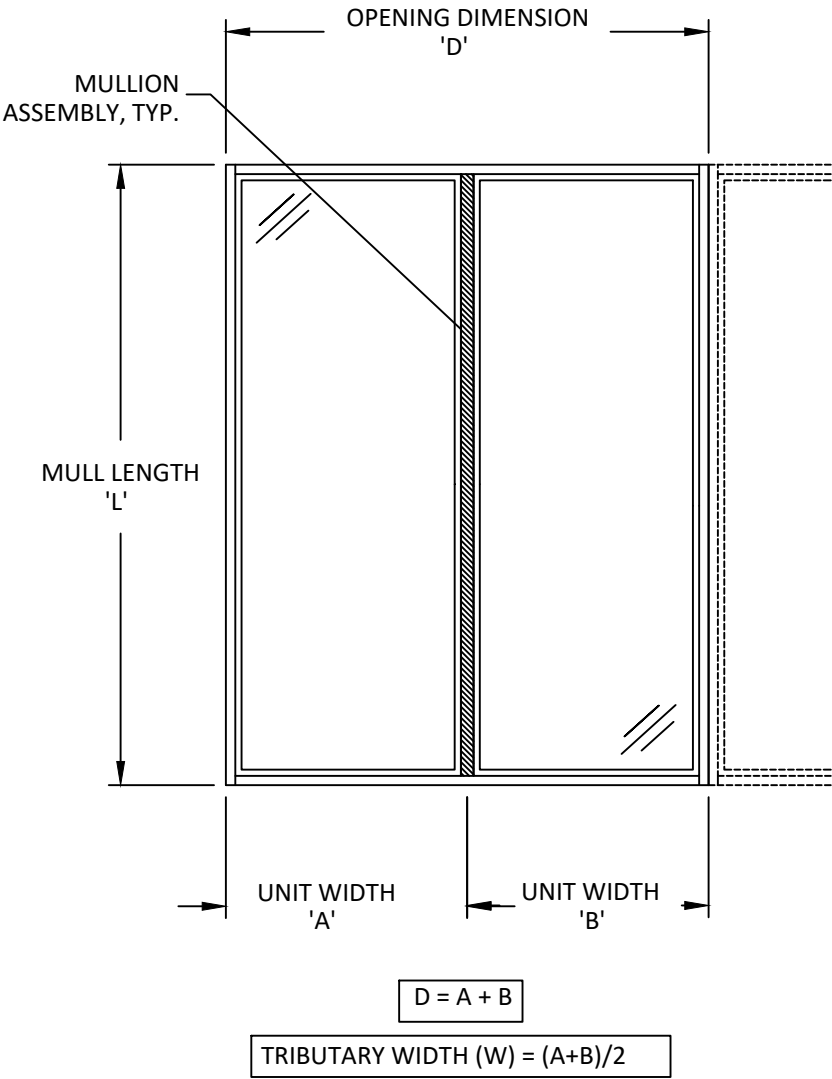
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CASEMENT TO CASEMENT (1/4" X 5" ALUMINUM PLATE MULLION)
ONE-WAY CONFIGURATIONS (NO INTERMEDIATE MEMBERS)

MAXIMUM DESIGN PRESSURE CAPACITY CHART ONE WAY CASEMENT TO CASEMENT 1/4" x 5" ALUMINUM PLATE MULLION			
TRIBUTARY WIDTH (IN.)	LENGTH (IN.)	DESIGN PRESSURE (PSF)	
		POS (+)	NEG (-)
24	60	50.0	60.0
30		50.0	60.0
36		50.0	60.0
42		50.0	60.0
48		50.0	60.0
24	66	50.0	60.0
30		50.0	60.0
36		50.0	60.0
42		50.0	60.0
44		50.0	60.0
24	72	50.0	60.0
30		50.0	60.0
36		50.0	60.0
40		50.0	60.0
24	78	50.0	60.0
30		50.0	60.0
36		50.0	60.0
38		50.0	60.0
24	83.5	50.0	60.0
30		50.0	60.0
35.625		50.0	60.0
24	90	50.0	60.0
30		44.8	53.7



NOTES:

- 'ONE-WAY' MULLIONS REFER TO VERTICAL SINGLE SPAN ASSEMBLIES SIMILAR TO THOSE DIAGRAMMED ON THIS SHEET.
- THE POSITIVE AND NEGATIVE DESIGN PRESSURE CHARTS ABOVE ARE APPLICABLE FOR 'STANDARD INSTALLATION' PROCEDURES, SEE DETAILS ON SHEETS 6-9.
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- MULLIONS MAY BE USED IN ASSEMBLIES UTILIZING MORE THAN TWO WINDOW AND CAN BE USED FOR UNLIMITED NUMBER OF PANELS.

CASEMENT TO FIXED INTEGRAL MULLION
ONE-WAY CONFIGURATIONS (NO INTERMEDIATE MEMBERS)

MAXIMUM DESIGN PRESSURE CAPACITY CHART ONE WAY CASEMENT TO FIXED CASEMENT INTEGRAL MULLION			
TRIBUTARY WIDTH (IN.)	LENGTH (IN.)	DESIGN PRESSURE (PSF)	
		POS (+)	NEG (-)
24	54	50.0	60.0
30		50.0	60.0
36		50.0	60.0
42		50.0	60.0
48		50.0	60.0
52	60	50.0	60.0
24		50.0	60.0
30		50.0	60.0
36		50.0	60.0
42		50.0	60.0
46	66	50.0	60.0
24		50.0	60.0
30		50.0	60.0
36		50.0	60.0
42		50.0	60.0
24	71.5	50.0	60.0
30		50.0	60.0
36		50.0	60.0
39.83		50.0	60.0
24	78	50.0	60.0
30		47.8	57.3
32		45.2	54.2
24	84	46.5	55.8
28		40.4	48.4

SIERRA
PACIFIC
WINDOWS

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CASEMENT WINDOWS
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ONE-WAY DESIGN PRESSURE TABLES

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PROFESSIONAL ENGINEER

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BUILDING DROPS, INC.
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MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL23008

DATE: **02.11.2020**

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

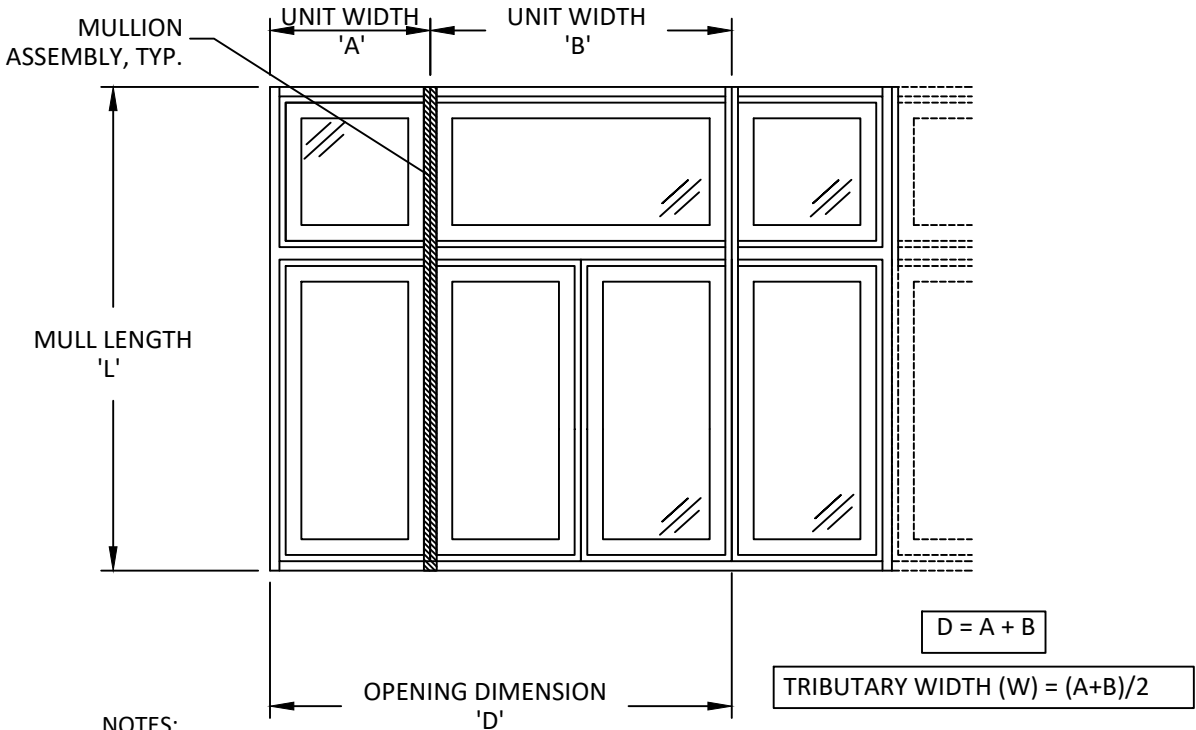
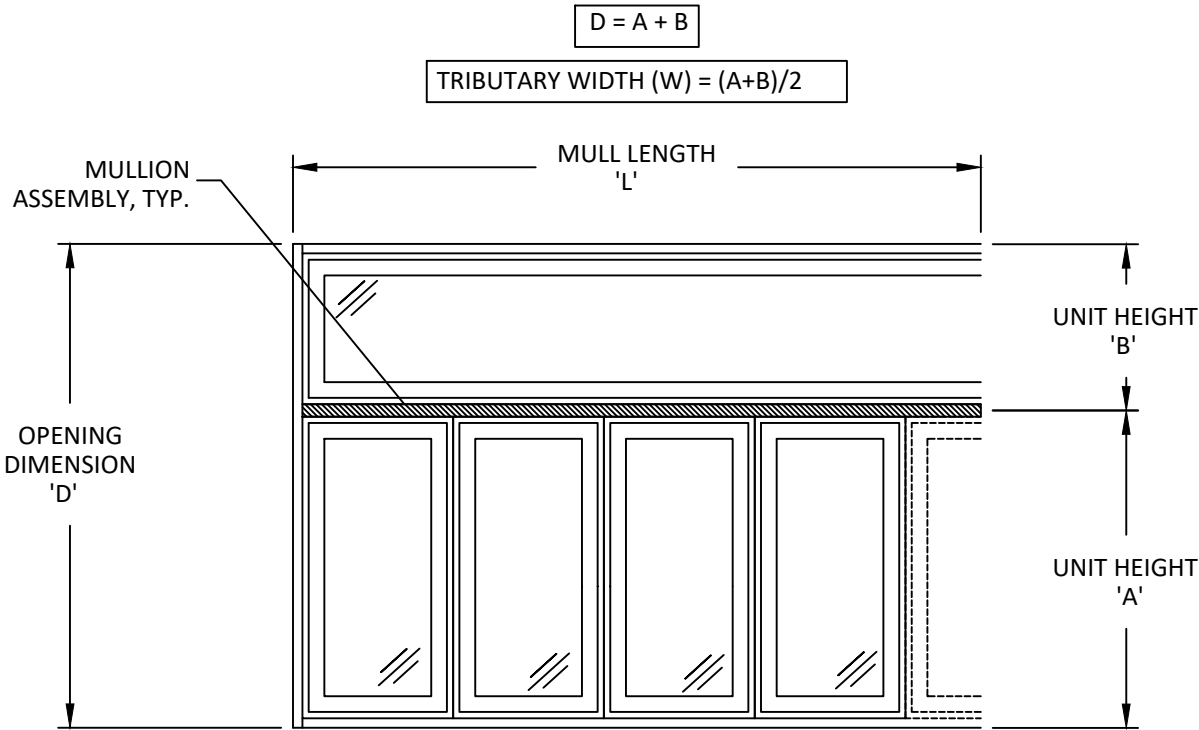
DWG. #: **SPW010**

SHEET: 11	REV. D
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OF 12

1/4" X 5" STEEL PLATE MULLION
TWO-WAY CONFIGURATIONS (WITH INTERMEDIATE MEMBERS)

MAXIMUM DESIGN PRESSURE CAPACITY CHART TWO WAY CASEMENT AND FIXED COMBINATIONS WITH 1/4" x 5" STEEL PLATE MULLION			
TRIBUTARY WIDTH (IN.)	LENGTH (IN.)	DESIGN PRESSURE (PSF)	
		POS (+)	NEG (-)
36	96	50.0	60.0
42		50.0	60.0
48		50.0	60.0
54		50.0	60.0
60		50.0	60.0
36	102	50.0	60.0
42		50.0	60.0
48		50.0	60.0
54		50.0	60.0
58		50.0	60.0
36	108	50.0	60.0
42		50.0	60.0
48		50.0	60.0
54	114	50.0	60.0
42		50.0	60.0
48		50.0	60.0
52	119.5	50.0	60.0
36		50.0	60.0
42		50.0	60.0
46	126	46.1	55.4
36		50.0	60.0
42	132	43.9	52.7
44		41.9	50.3



- NOTES:
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TITLE:

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CASEMENT WINDOWS
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TWO-WAY DESIGN PRESSURE TABLES

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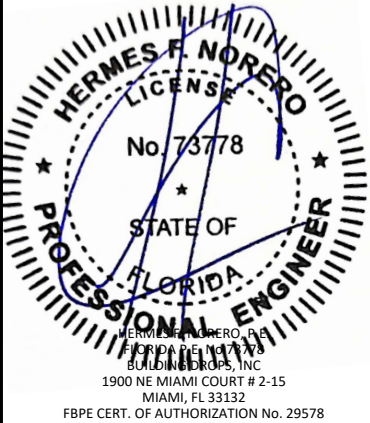
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02.11.2020

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CHK. BY:

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SCALE:

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DWG. #:

SPW010

SHEET:

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