

OPTIMUM STEEL WINDOWS AND DOORS

RTS-430i STAINLESS STEEL PROJECT OUT AWNING WINDOW (WZ3) (IMPACT)

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR FOR EACH ANCHOR LOCATION SHOWN.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- 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.
- FOR INSTALLATION DIRECTLY INTO CONCRETE/MASONRY, USE 1/4 INCH DIAMETER ITW TAPCON OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT, AND 2 1/2 INCH EDGE DISTANCE.
- FOR INSTALLATION DIRECTLY INTO WOOD FRAME, USE #14 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT, AND 3/4 INCH EDGE DISTANCE.
- FOR INSTALLATION INTO STEEL STUD OR ALUMINUM USE 1/4" SELF-DRILLING OR SELF-TAPPING PH OR HWH SCREWS OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 3 THREADS PENETRATION BEYOND METAL WALL, AND 3/4 INCH EDGE DISTANCE.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
- 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.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
 - CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
 - GROUT-FILLED CMU- UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI AND GROUT CONFORMS TO ASTM C 476, MINIMUM GROUT COMPRESSIVE STRENGTH OF 2000 PSI.
 - HOLLOW BLOCK CMU - UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.
 - STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM WALL THICKNESS OF 35.9 MIL (0.0478" or 18 GAUGE).
 - ALUMINUM - MINIMUM GRADE OF 6063-T6. 1/8" MINIMUM WALL THICKNESS.

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), **EXCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, STEEL, AND 2X 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.
- 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.
- 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.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WZ3 OR LESS.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WZ4.
- WINDOW FRAME MATERIAL: 304 STAINLESS STEEL
- DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM UNIT FRAMING SHALL BE PROTECTED IN ACCORDANCE WITH THE FBC.
- GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 2 FOR GLAZING DETAILS.

NOTE:

INTERIOR AND EXTERIOR GLAZED OPTIONS QUALIFIED FOR ALL CONFIGURATIONS SHOWN ON THIS APPROVAL.

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DESIGN PRESSURE RATING		
OVERALL SIZE	DESIGN PRESSURE	MISSILE IMPACT RATING
72 1/16" X 48 1/16"	+/- 65 PSF	SMALL & LARGE MISSILE IMPACT

NOTES:

- DESIGN PRESSURES ARE LIMITED TO THE LESSER OF COMPARATIVE ANALYSIS PER FBC SECTION 1709.5.1 AND GLASS CAPACITIES PER ASTM E1300 (3 SEC. GUST).
- SQUARE FOOTAGE AREA HAS BEEN LIMITED TO EQUAL OR LESS THAN THE TESTED AREA.
- ALLOWABLE DESIGN PRESSURE WILL BE LESSER OF DESIGN PRESSURE TABLES ON SHEET 3.
- SEE SHEET 4 FOR ALLOWABLE MULLED CONFIGURATIONS.



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28 CANAL STREET
ELLENVILLE, NY 12428
PH: (845) 647-1900 FX: (845) 647-1494

TITLE: RTS-430i STAINLESS STEEL
PROJECT OUT AWNING WINDOW
(WZ3) (IMPACT)

GENERAL NOTES AND
INSTALLATION NOTES

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15

MIAMI, FL 33132

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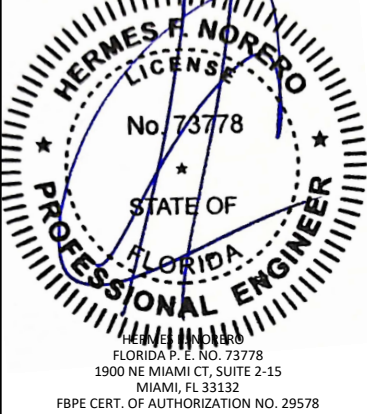
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REMARKS	BY	DATE
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DATE: 01.10.22

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DWG. #: OPW012

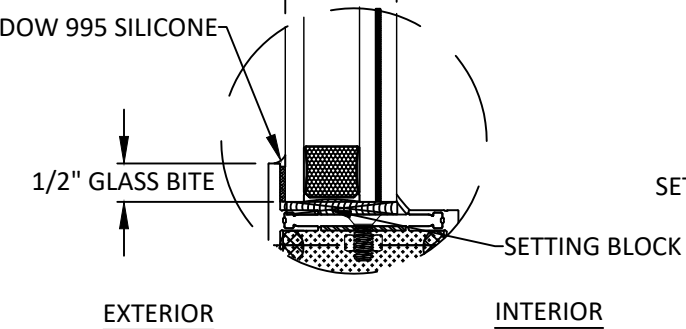
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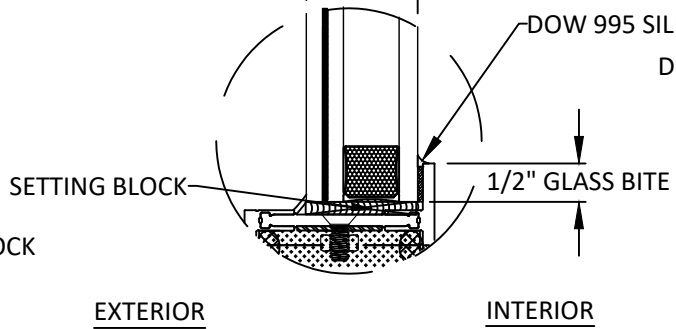
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1 1/2" O.A. IG CONSISTING OF:
1/4" TEMPERED
13/16" ALUMINUM SPACER
3/16" CLEAR HS
0.090" SENTRYGLAS INTERLAYER
BY KURARAY AMERICA
3/16" CLEAR HS



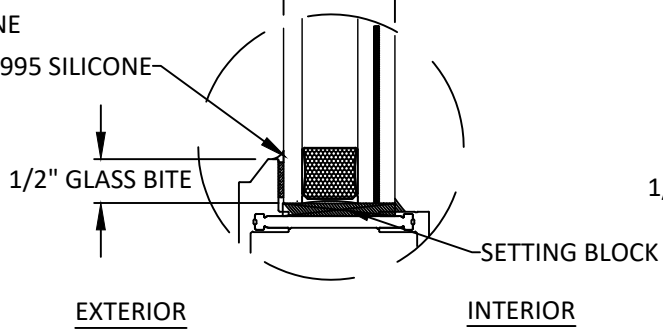
GLAZING DETAIL 1

1 1/2" O.A. IG CONSISTING OF:
3/16" CLEAR HS
0.090" SENTRYGLAS INTERLAYER
BY KURARAY AMERICA
3/16" CLEAR HS
13/16" ALUMINUM SPACER
1/4" TEMPERED



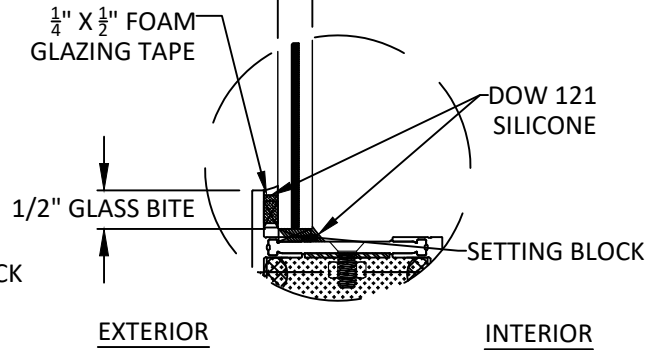
GLAZING DETAIL 2

1 5/16" O.A. IG CONSISTING OF:
1/4" TEMPERED
9/16" ALUMINUM SPACER
3/16" CLEAR HS
0.090" SENTRYGLAS INTERLAYER
BY KURARAY AMERICA
3/16" CLEAR HS



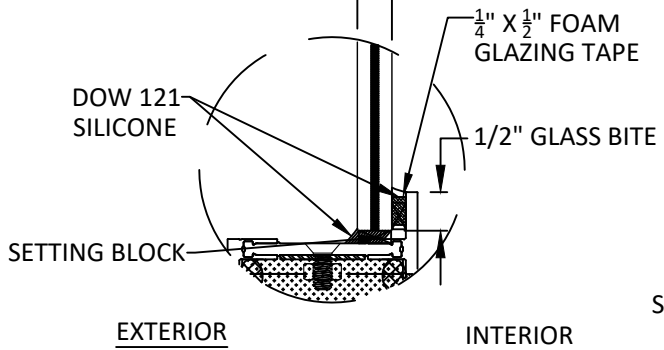
GLAZING DETAIL 3

7/16" O.A. LAMINATED GLASS
CONSISTING OF:
3/16" HEAT STRENGTHENED GLASS
0.090" SENTRYGLAS INTERLAYER
BY KURARAY AMERICA
3/16" HEAT STRENGTHENED GLASS



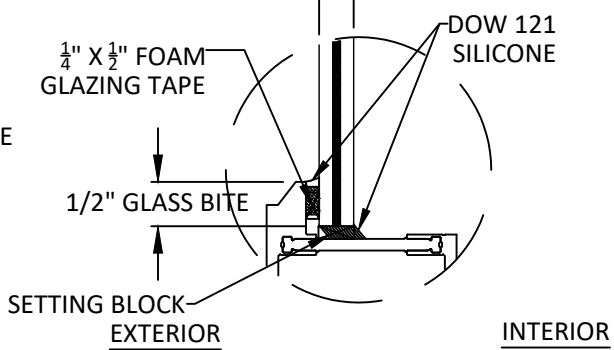
GLAZING DETAIL 4

7/16" O.A. LAMINATED GLASS
CONSISTING OF:
3/16" HEAT STRENGTHENED GLASS
0.090" SENTRYGLAS INTERLAYER
BY KURARAY AMERICA
3/16" HEAT STRENGTHENED GLASS



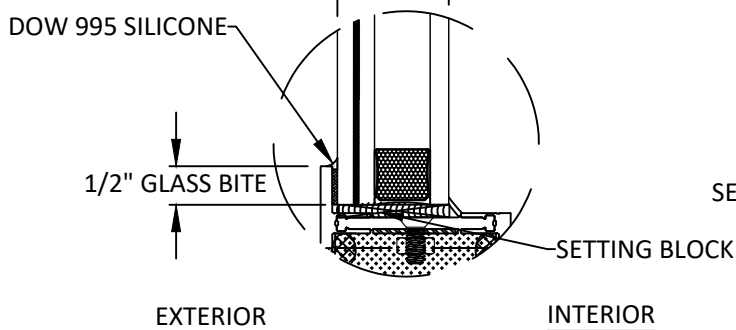
GLAZING DETAIL 5

7/16" O.A. LAMINATED GLASS
CONSISTING OF:
3/16" HEAT STRENGTHENED GLASS
0.090" SENTRYGLAS INTERLAYER
BY KURARAY AMERICA
3/16" HEAT STRENGTHENED GLASS



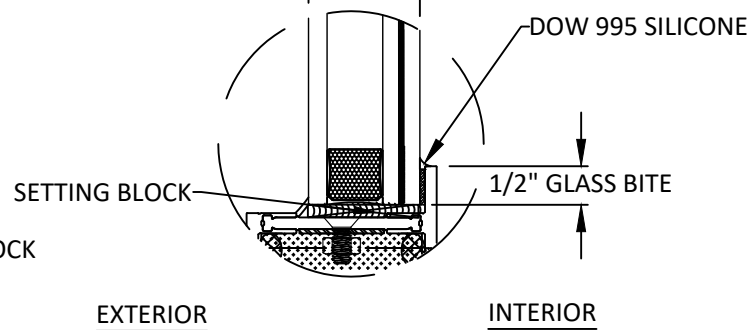
GLAZING DETAIL 6

1 1/2" O.A. IG CONSISTING OF:
3/16" CLEAR HS
0.090" SENTRYGLAS INTERLAYER
BY KURARAY AMERICA
3/16" CLEAR HS
13/16" ALUMINUM SPACER
1/4" TEMPERED



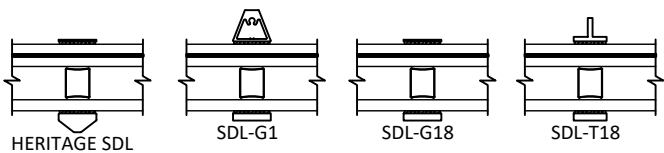
GLAZING DETAIL 7

1 1/2" O.A. IG CONSISTING OF:
1/4" TEMPERED
13/16" ALUMINUM SPACER
3/16" CLEAR HS
0.090" SENTRYGLAS INTERLAYER
BY KURARAY AMERICA
3/16" CLEAR HS



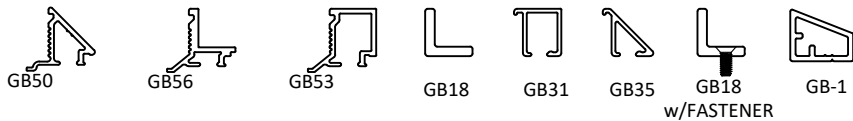
GLAZING DETAIL 8

SIMULATED MUNTIN:

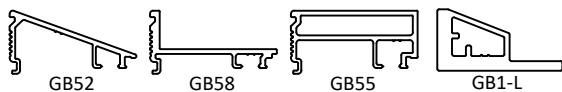


OTHER QUALIFIED GLAZING BEADS:

INSULATED GLAZING BEAD OPTIONS



MONOLITHIC GLAZING BEAD OPTIONS



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. AND DESIGN PRESSURES ARE LIMITED TO THE MAX VALUES SHOWN HEREIN.



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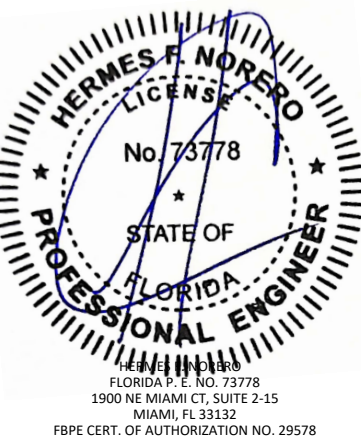
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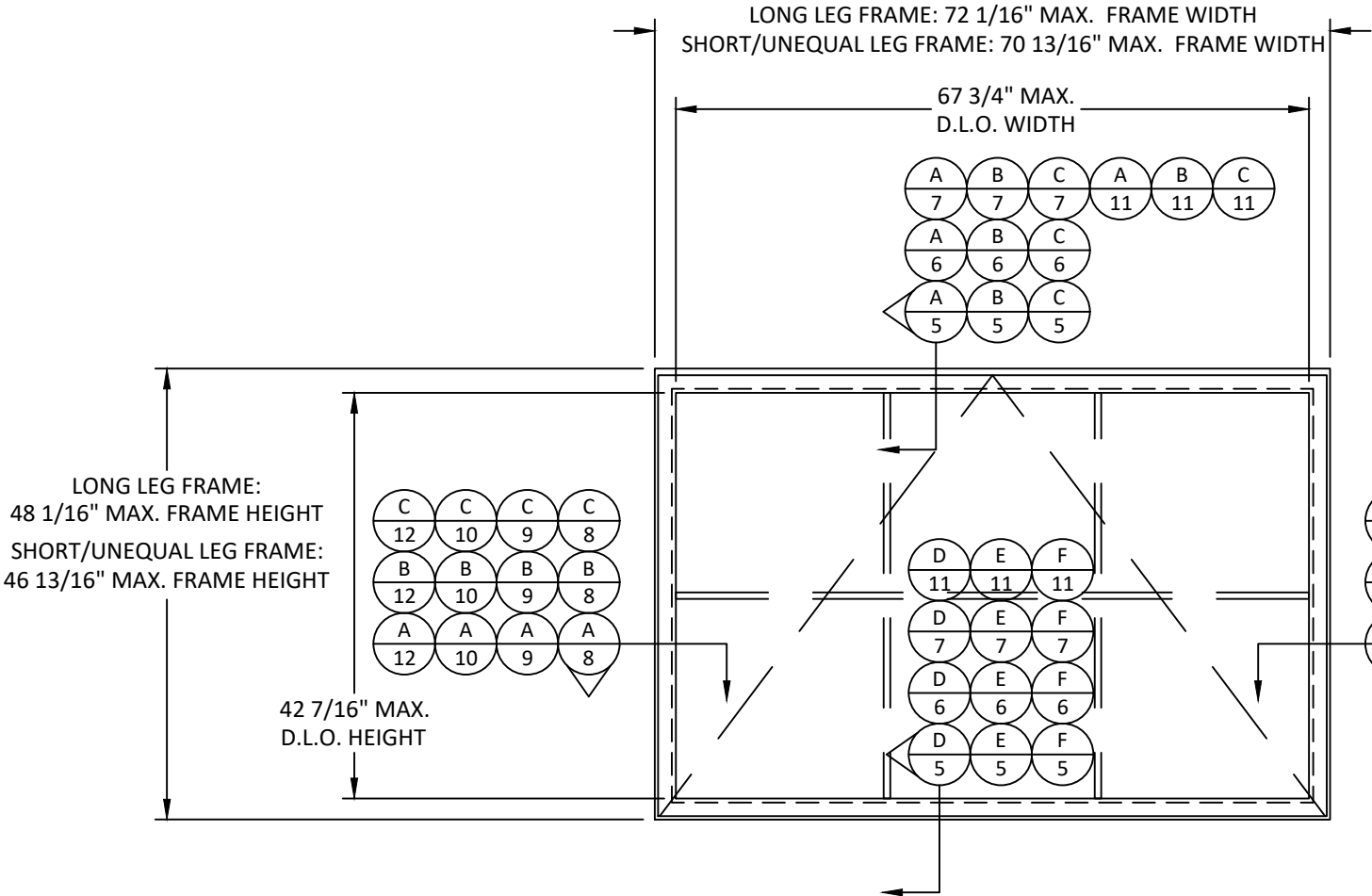


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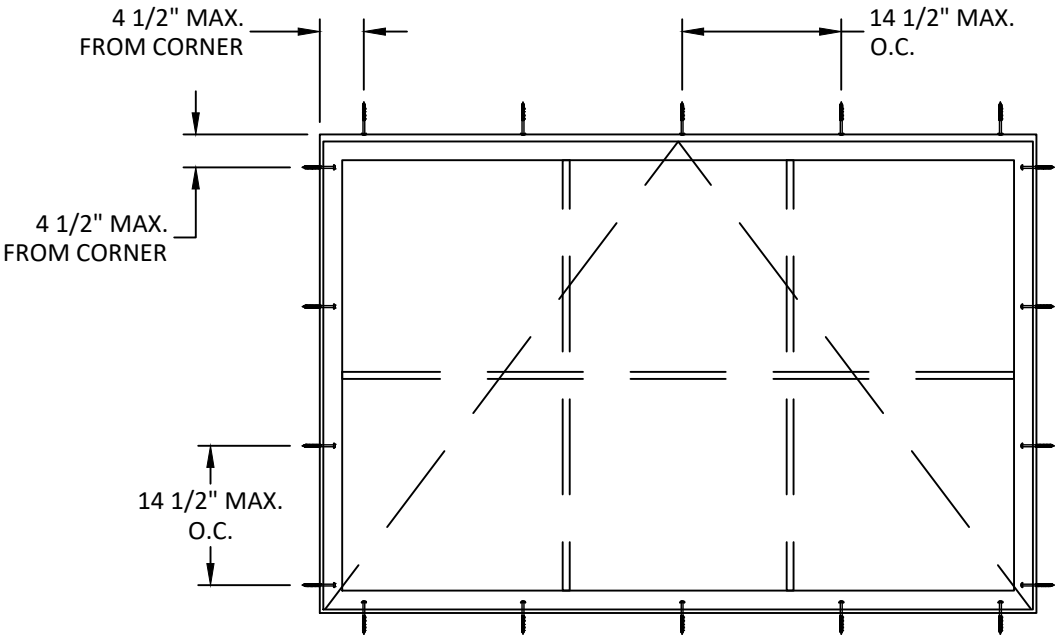
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GLASS LOAD CAPACITY (PSF)			
NOMINAL DIMS.		GLASS TYPES	
D.L.O. HEIGHT 'in.'	D.L.O. WIDTH 'in.'	EXT. (+)	INT. (-)
12.43	25.75	65.0	65.0
18.43		65.0	65.0
24.43		65.0	65.0
12.43	31.75	65.0	65.0
18.43		65.0	65.0
24.43		65.0	65.0
30.43		65.0	65.0
12.43	37.75	65.0	65.0
18.43		65.0	65.0
24.43		65.0	65.0
30.43		65.0	65.0
36.43		65.0	65.0
12.43	43.75	65.0	65.0
18.43		65.0	65.0
24.43		65.0	65.0
30.43		65.0	65.0
36.43		65.0	65.0
42.43		65.0	65.0
12.43	49.75	65.0	65.0
18.43		65.0	65.0
24.43		65.0	65.0
30.43		65.0	65.0
36.43		65.0	65.0
42.43		65.0	65.0
49.43		55.8	55.8
12.43	55.75	65.0	65.0
18.43		65.0	65.0
24.43		65.0	65.0
30.43		65.0	65.0
36.43		65.0	65.0
42.43		65.0	65.0
48.43		56.9	56.9
51.43		53.6	53.6
12.43	61.75	65.0	65.0
18.43		65.0	65.0
24.43		65.0	65.0
30.43		65.0	65.0
36.43		65.0	65.0
42.43		65.0	65.0
46.43	67.75	59.4	59.4
12.43		65.0	65.0
18.43		65.0	65.0
24.43		65.0	65.0
30.43		65.0	65.0
36.43		65.0	65.0
42.43		65.0	65.0

DESIGN PRESSURE (PSF)			
NOMINAL DIMS.		"O" CONFIGURATION	
FRAME HEIGHT 'in.'	FRAME WIDTH 'in.'	EXT. (+)	INT. (-)
18.06	30.06	164.8	164.8
24.06		129.8	129.8
30.06		103.9	103.9
18.06	36.06	153.8	153.8
24.06		129.8	129.8
30.06		103.9	103.9
18.06	42.06	86.6	86.6
24.06		146.8	146.8
30.06		121.2	121.2
18.06	48.06	103.9	103.9
24.06		86.6	86.6
30.06		115.4	115.4
36.06		100.8	100.8
42.06		86.6	86.6
18.06	54.06	74.3	74.3
24.06		65.0	65.0
30.06		138.4	138.4
36.06		111.3	111.3
42.06		95.9	95.9
18.06	60.06	86.6	86.6
24.06		74.3	74.3
30.06		65.0	65.0
36.06		57.8	57.8
42.06		135.7	135.7
18.06	66.06	108.2	108.2
24.06		92.4	92.4
30.06		82.5	82.5
36.06		74.3	74.3
42.06		65.0	65.0
18.06	72.06	57.8	57.8
24.06		54.7	54.7
30.06		133.5	133.5
36.06		105.8	105.8
42.06		89.7	89.7
18.06	78.06	79.4	79.4
24.06		72.6	72.6
30.06		65.0	65.0
36.06		60.0	60.0
42.06		131.8	131.8
18.06	84.06	103.9	103.9
24.06		87.5	87.5
30.06		77.0	77.0
36.06		69.9	69.9
42.06		65.0	65.0



PROJECT OUT AWNING WINDOW
EXTERIOR ELEVATION VIEW



NOTE: SPACING SHOWN APPLIES FOR THROUGH FRAME, STRAP AND FLANGE INSTALLATION

PROJECT OUT AWNING WINDOW
ANCHOR LAYOUT VIEW



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ELEVATION, DESIGN PRESSURE
TABLES, AND ANCHOR LAYOUT

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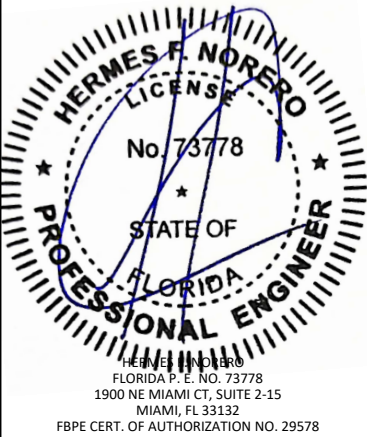
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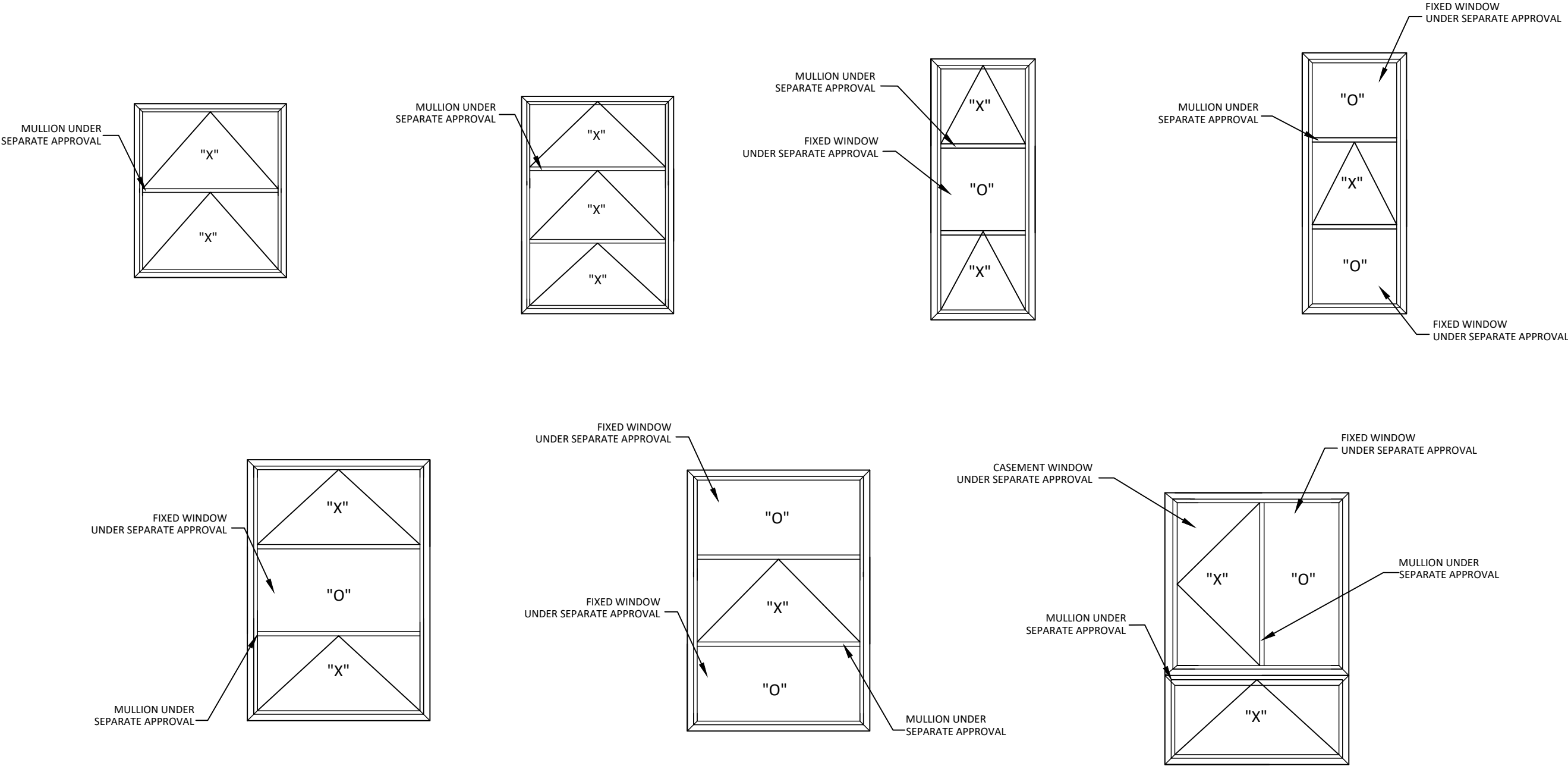
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OF 12

QUALIFIED CONFIGURATIONS



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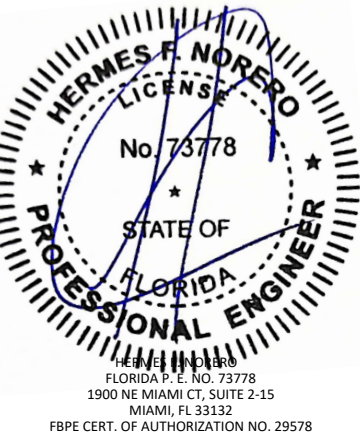
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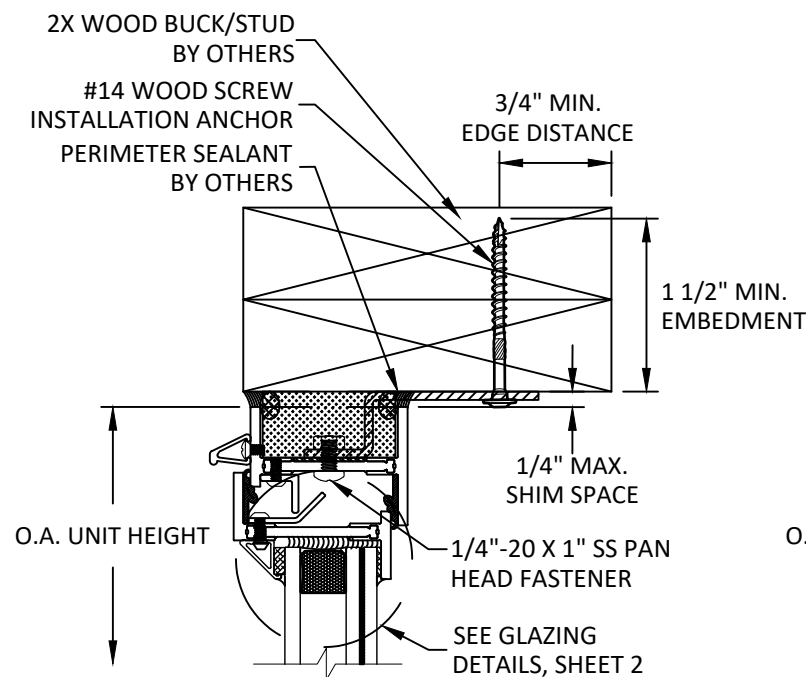
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SCALE: **NTS**

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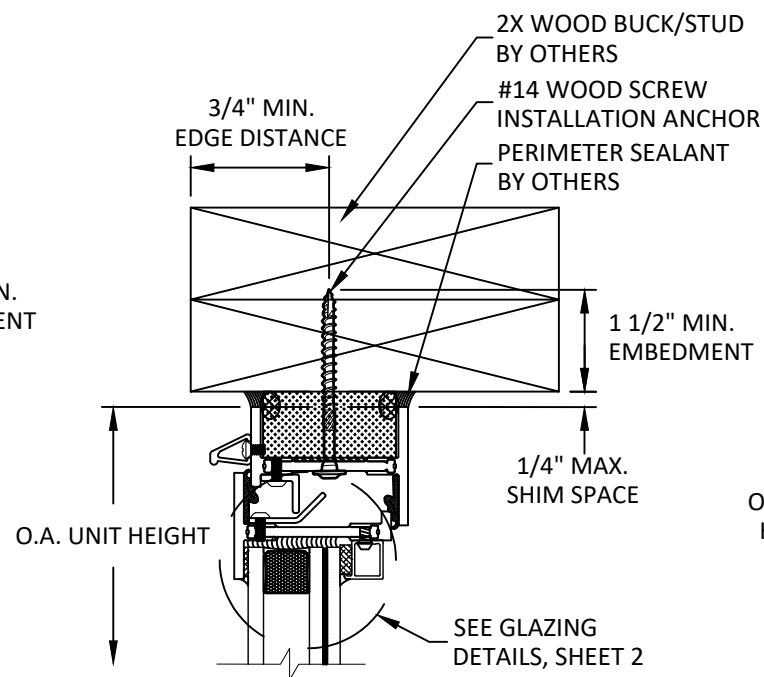
EXTERIOR

INTERIOR

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VERTICAL SECTION

HEAD - 2X WOOD BUCK
STRAP INSTALLATION
LONG LEG FRAME



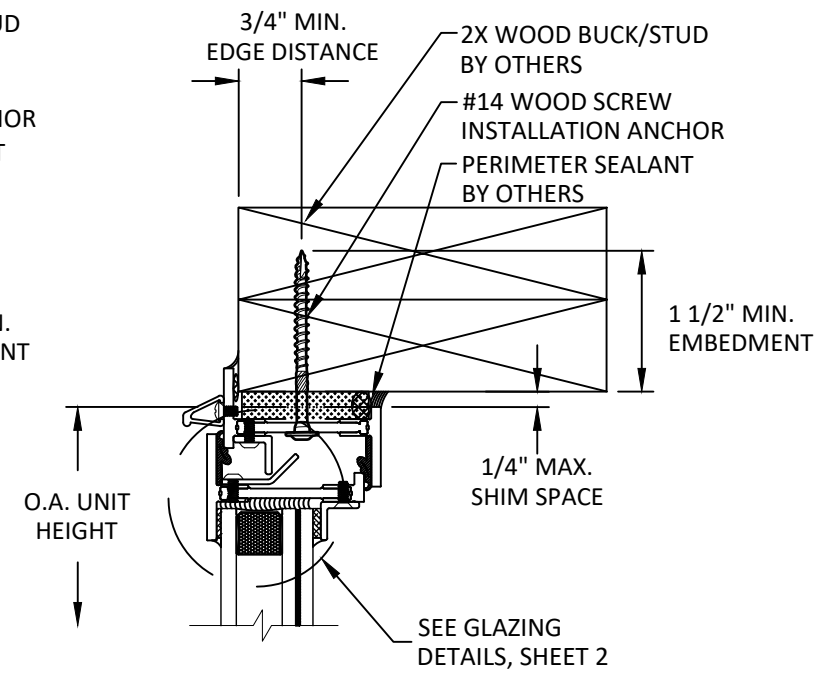
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INTERIOR

B
5

VERTICAL SECTION

HEAD - 2X WOOD BUCK
THROUGH FRAME INSTALLATION
LONG LEG FRAME



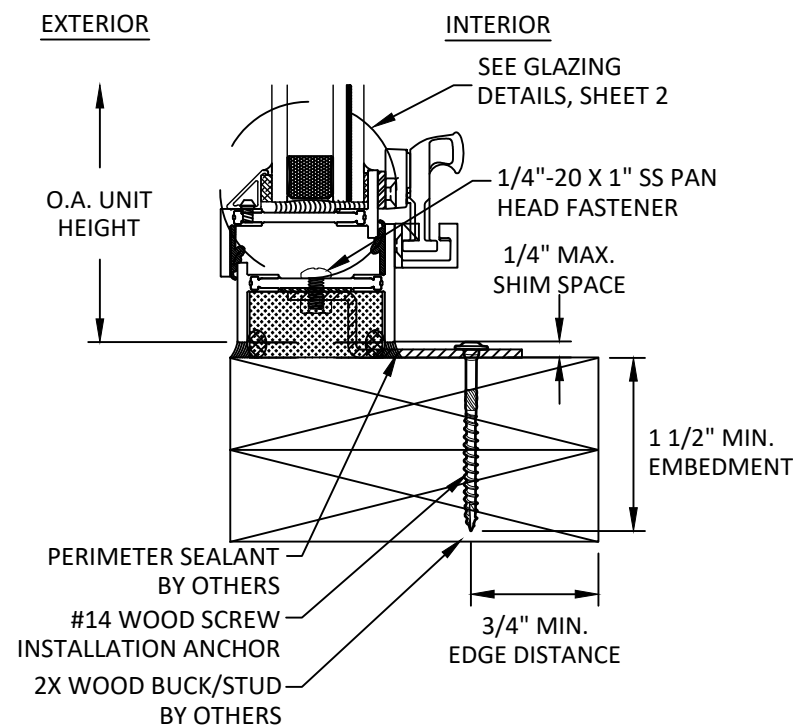
EXTERIOR

INTERIOR

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VERTICAL SECTION

HEAD - 2X WOOD BUCK
FLANGE INSTALLATION
UNEQUAL LEG FRAME



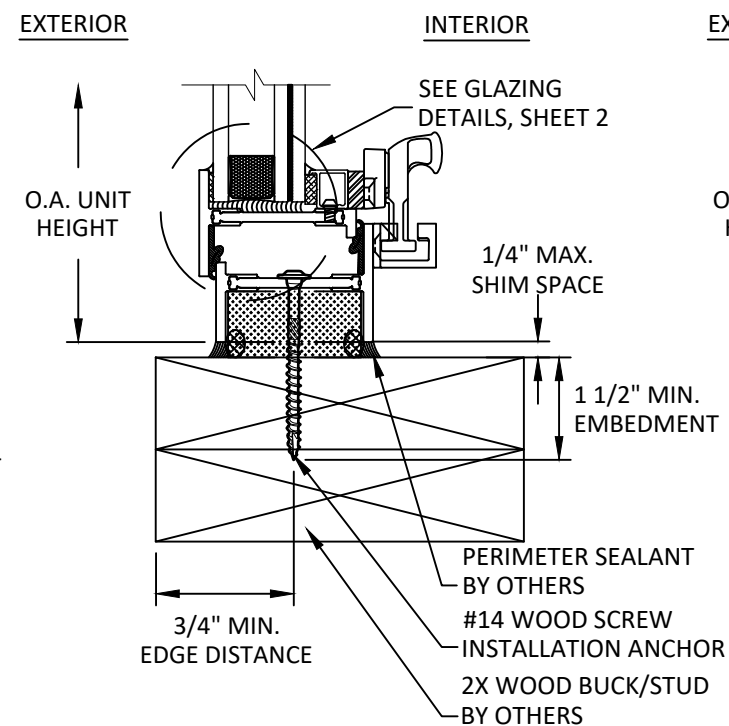
EXTERIOR

INTERIOR

D
5

VERTICAL SECTION

SILL - 2X WOOD BUCK
STRAP INSTALLATION
LONG LEG FRAME



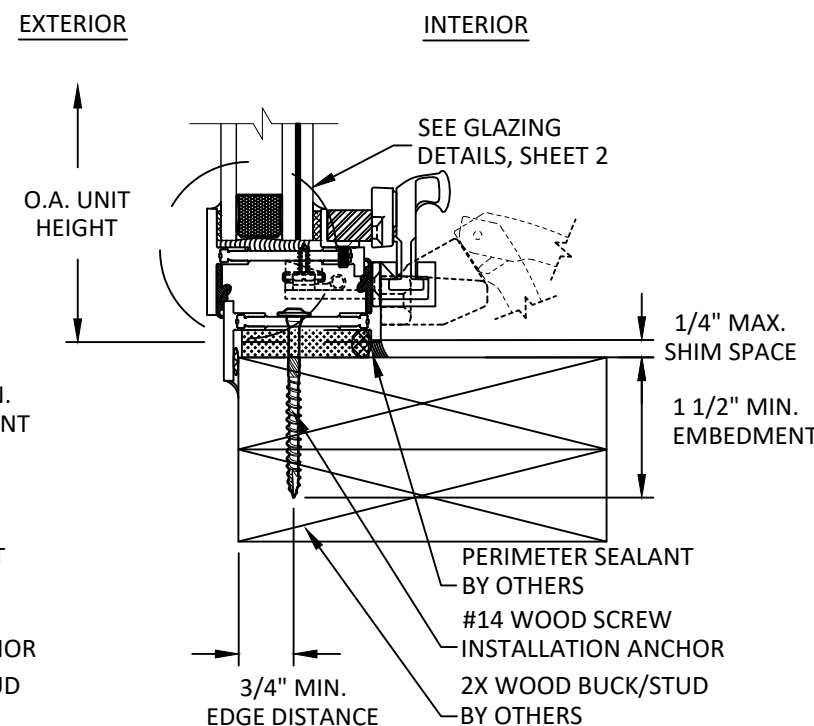
EXTERIOR

INTERIOR

E
5

VERTICAL SECTION

SILL - 2X WOOD BUCK
THROUGH FRAME INSTALLATION
LONG LEG FRAME



EXTERIOR

INTERIOR

F
5

VERTICAL SECTION

SILL - 2X WOOD BUCK
FLANGE INSTALLATION
UNEQUAL LEG FRAME



OPTIMUM STEEL WINDOWS AND DOORS
28 CANAL STREET
ELLENVILLE, NY 12428
PH: (845) 647-1900 FX: (845) 647-1494

TITLE: RTS-430i STAINLESS STEEL
PROJECT OUT AWNING WINDOW
(WZ3) (IMPACT)
VERTICAL SECTIONS
2X WOOD BUCK

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132

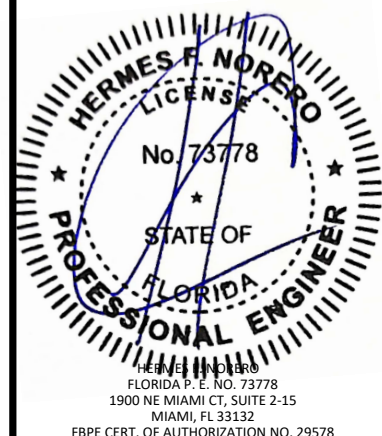
PH: (954) 399-8478
FAX: (954) 744-4738

WEB: www.buildingdrops.com



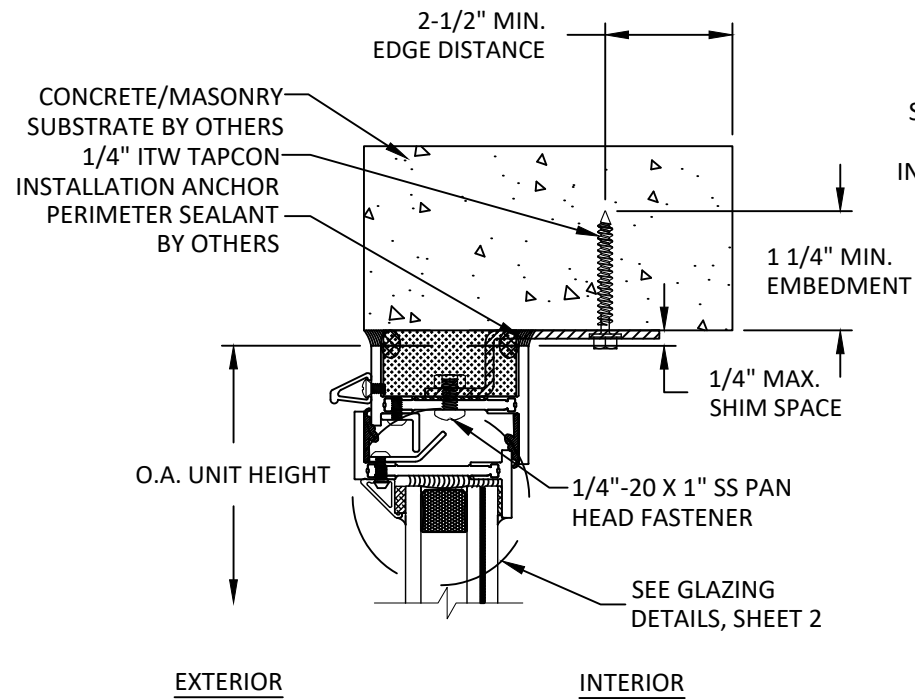
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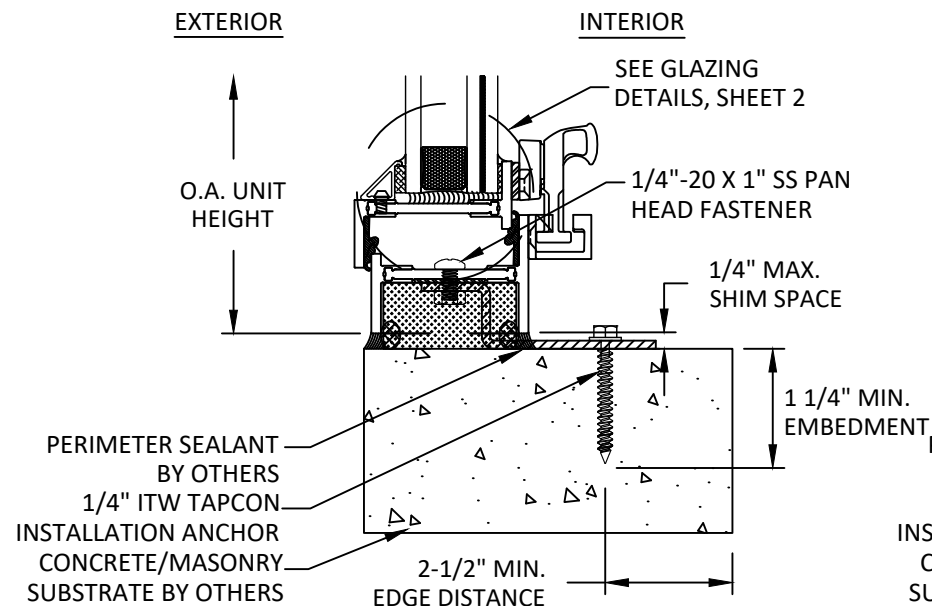


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DATE:	01.10.22
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CHK. BY:	HN
SCALE:	NTS
DWG. #:	OPW012
SHEET:	5

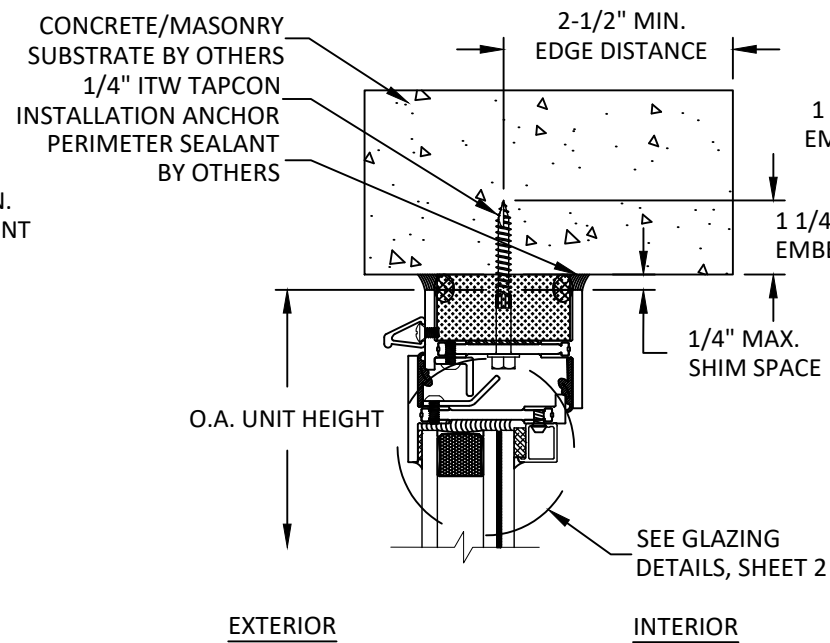
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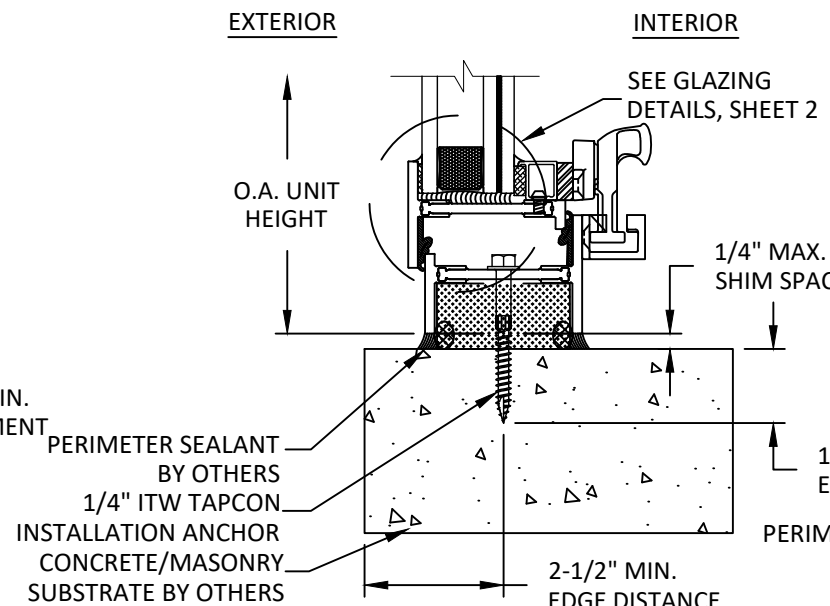
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HEAD - CONCRETE/MASONRY
STRAP INSTALLATION
LONG LEG FRAME



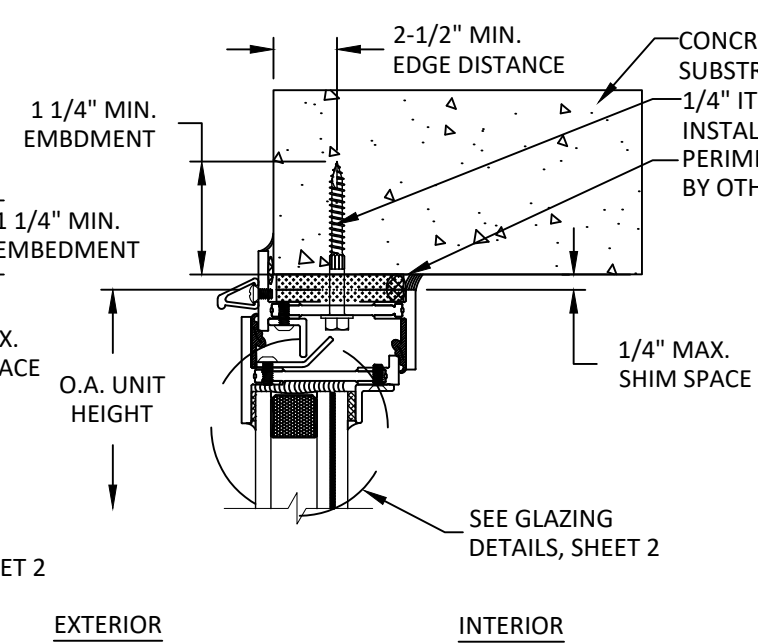
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SILL - CONCRETE/MASONRY
STRAP INSTALLATION
LONG LEG FRAME



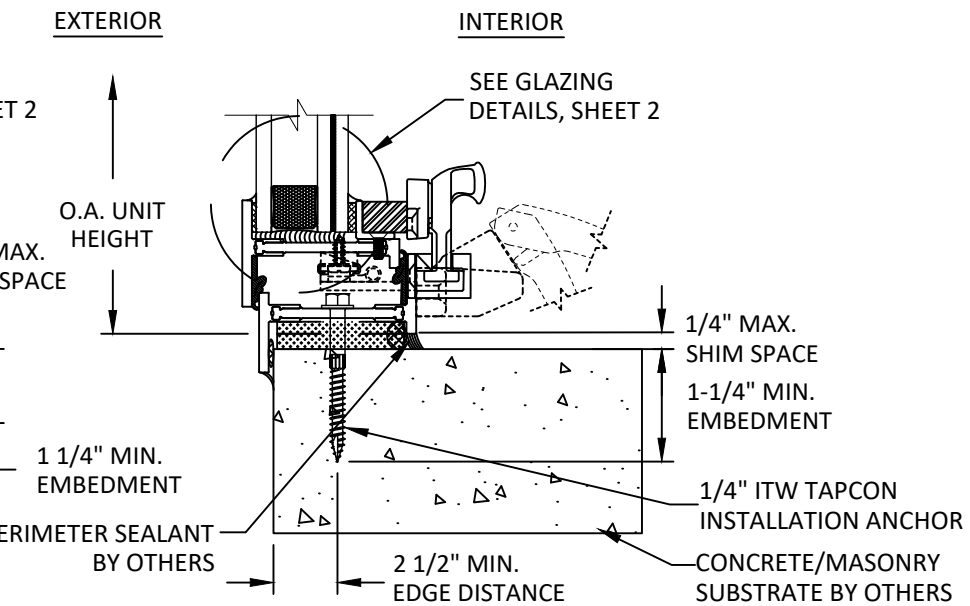
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HEAD - CONCRETE/MASONRY
THROUGH FRAME INSTALLATION
LONG LEG FRAME



E
6 **VERTICAL SECTION**
SILL - CONCRETE/MASONRY
THROUGH FRAME INSTALLATION
LONG LEG FRAME



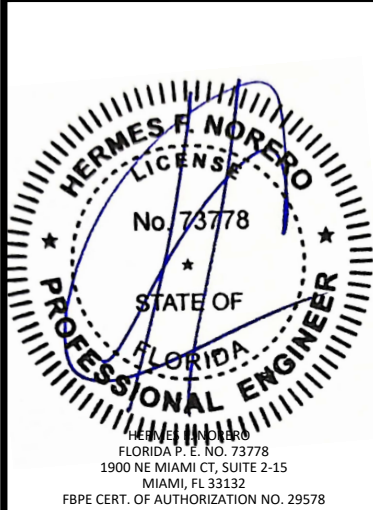
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6 **VERTICAL SECTION**
HEAD - CONCRETE/MASONRY
FLANGE INSTALLATION
UNEQUAL LEG FRAME



F
6 **VERTICAL SECTION**
SILL - CONCRETE/MASONRY
FLANGE INSTALLATION
UNEQUAL LEG FRAME

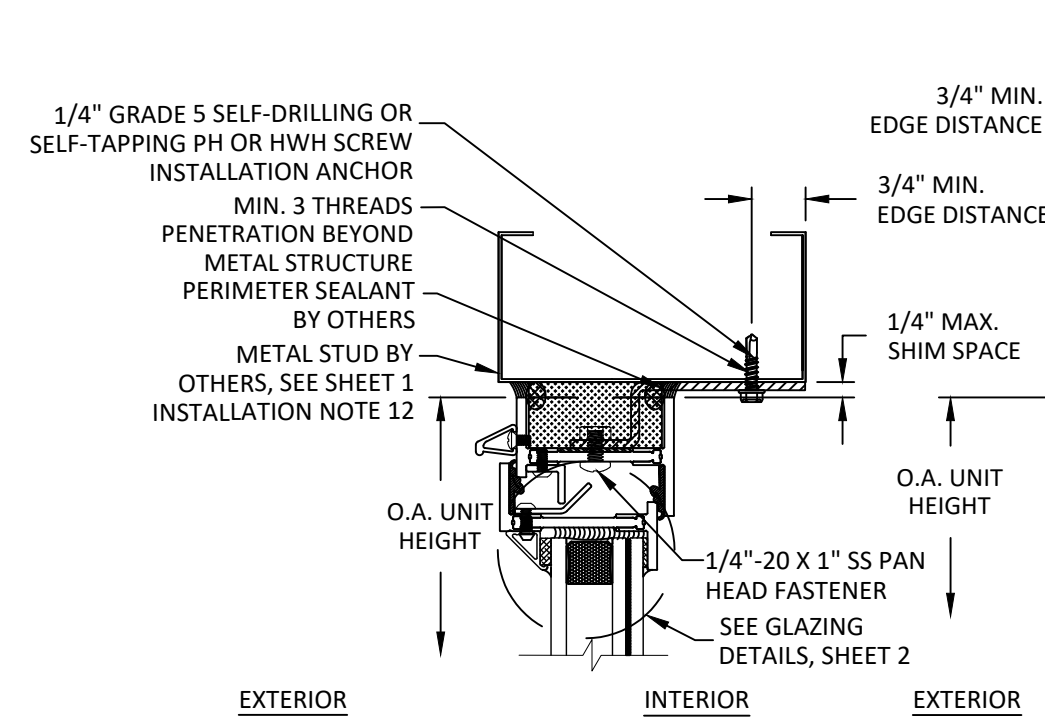
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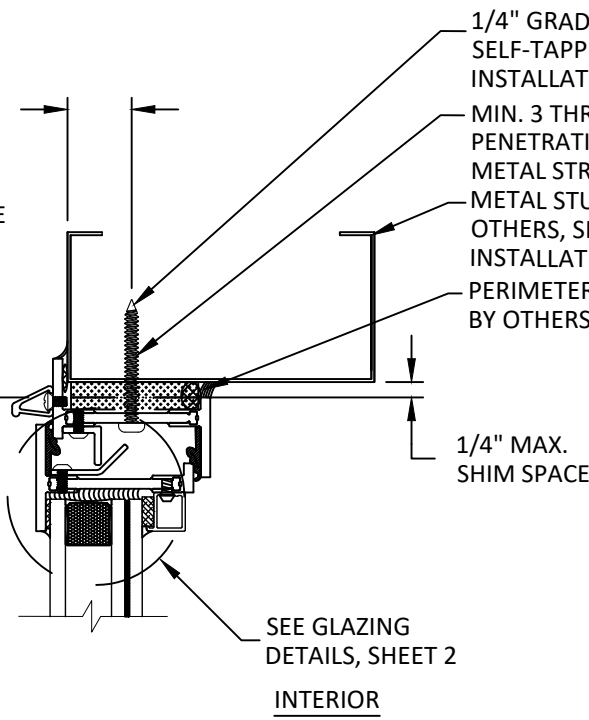
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CHK. BY:	HN
SCALE:	NTS
DWG. #:	OPW012
SHEET:	6

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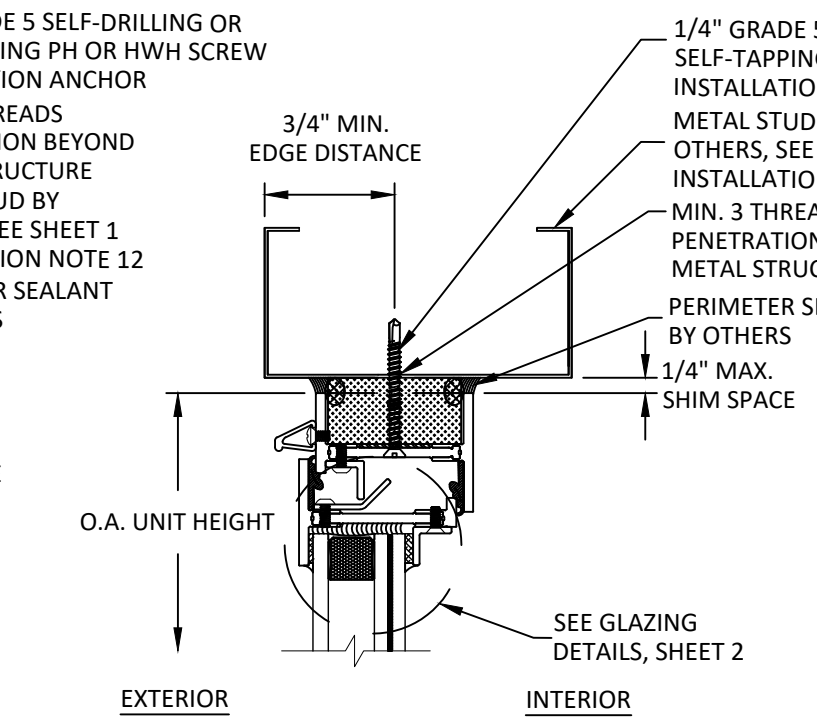
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7
VERTICAL SECTION
HEAD - METAL STUD
STRAP INSTALLATION
LONG LEG FRAME

EXTERIOR INTERIOR



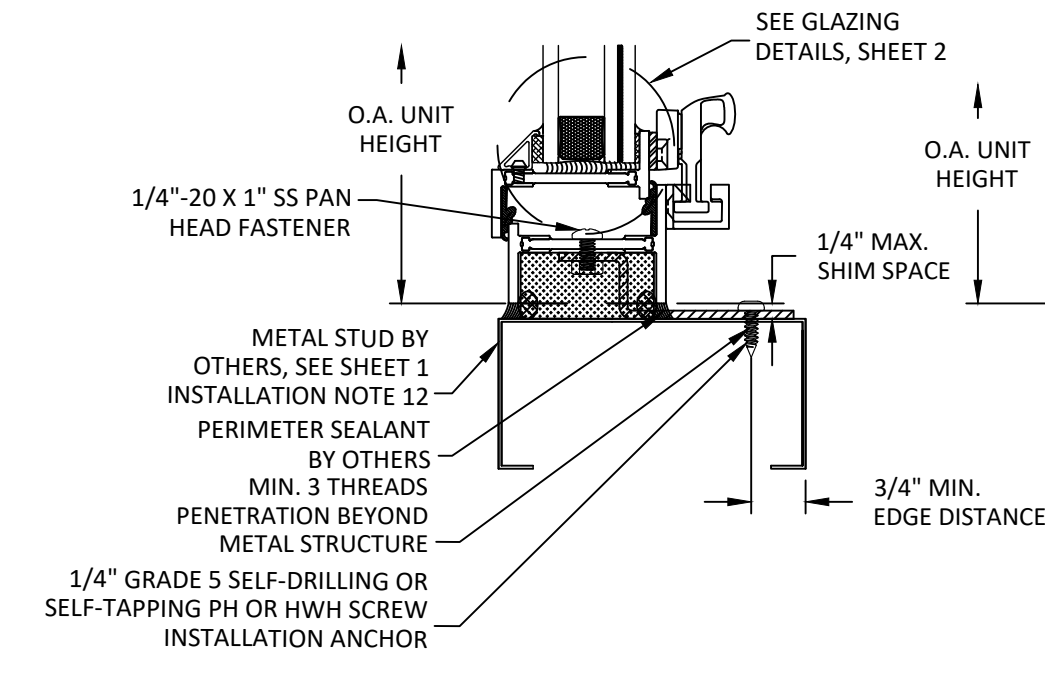
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VERTICAL SECTION
HEAD - METAL STUD
FLANGE INSTALLATION
UNEQUAL LEG FRAME

EXTERIOR INTERIOR



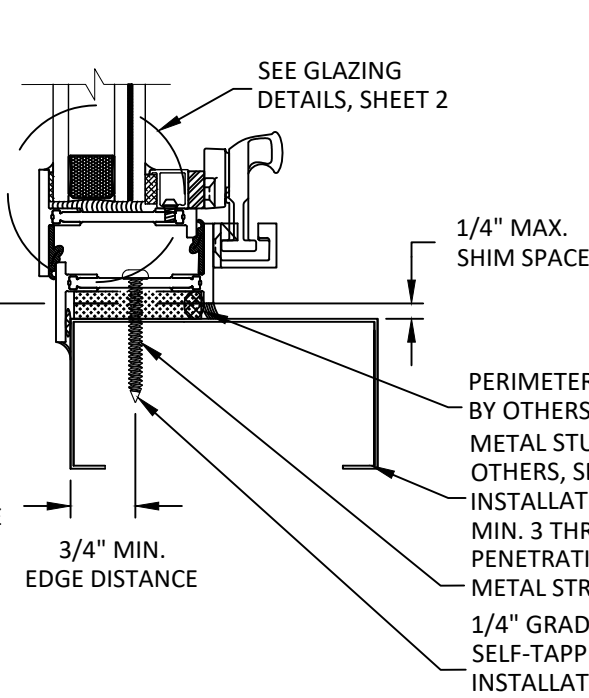
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VERTICAL SECTION
HEAD - METAL STUD
THROUGH FRAME INSTALLATION
LONG LEG FRAME

EXTERIOR INTERIOR



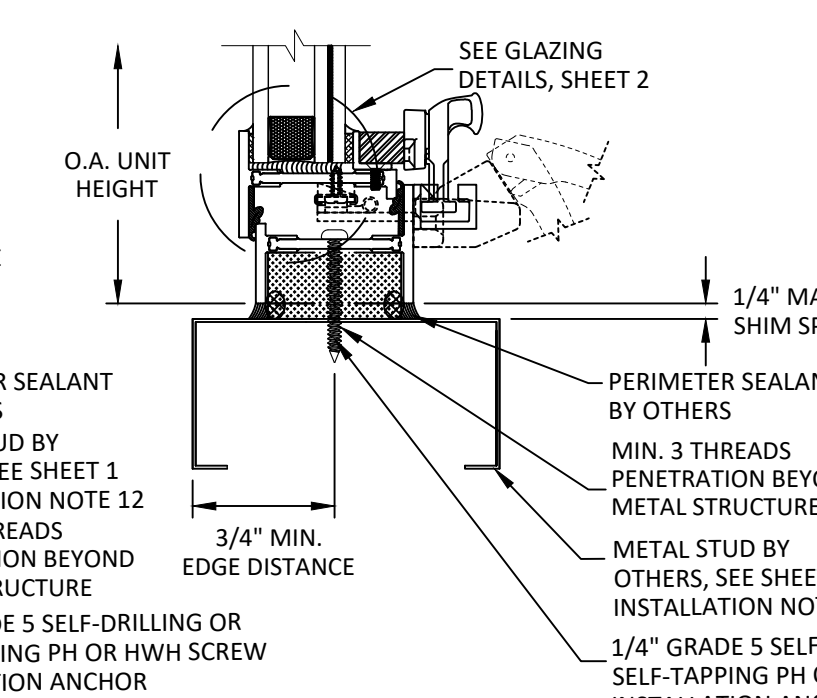
D
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VERTICAL SECTION
SILL - METAL STUD
STRAP INSTALLATION
LONG LEG FRAME

EXTERIOR INTERIOR



E
7
VERTICAL SECTION
SILL - METAL STUD
FLANGE INSTALLATION
UNEQUAL LEG FRAME

EXTERIOR INTERIOR



F
7
VERTICAL SECTION
SILL - METAL STUD
THROUGH FRAME INSTALLATION
LONG LEG FRAME

EXTERIOR INTERIOR



OPTIMUM STEEL WINDOWS AND DOORS
28 CANAL STREET
ELLENVILLE, NY 12428
PH: (845) 647-1900 FX: (845) 647-1494

TITLE: RTS-430i STAINLESS STEEL
PROJECT OUT AWNING WINDOW
(WZ3) (IMPACT)

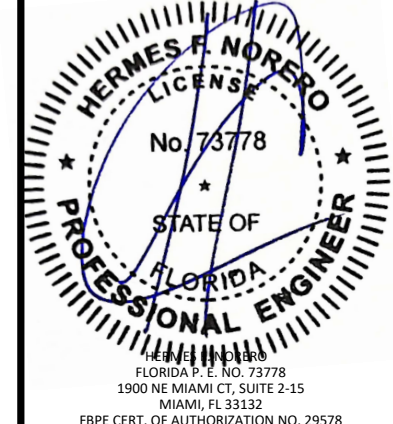
VERTICAL SECTIONS
METAL STUD

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



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No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
HERMES F. NORERO
FLORIDA P.E. NO. 73778
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

FL#:

FL38443

DATE: **01.10.22**

DWG. BY: SH	CHK. BY: HN
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SCALE: **NTS**

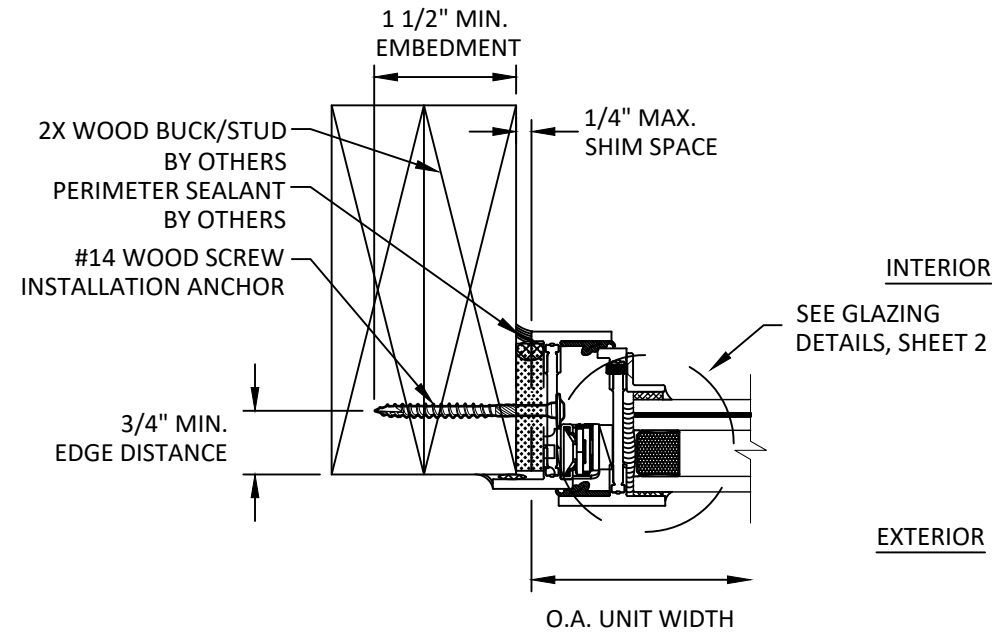
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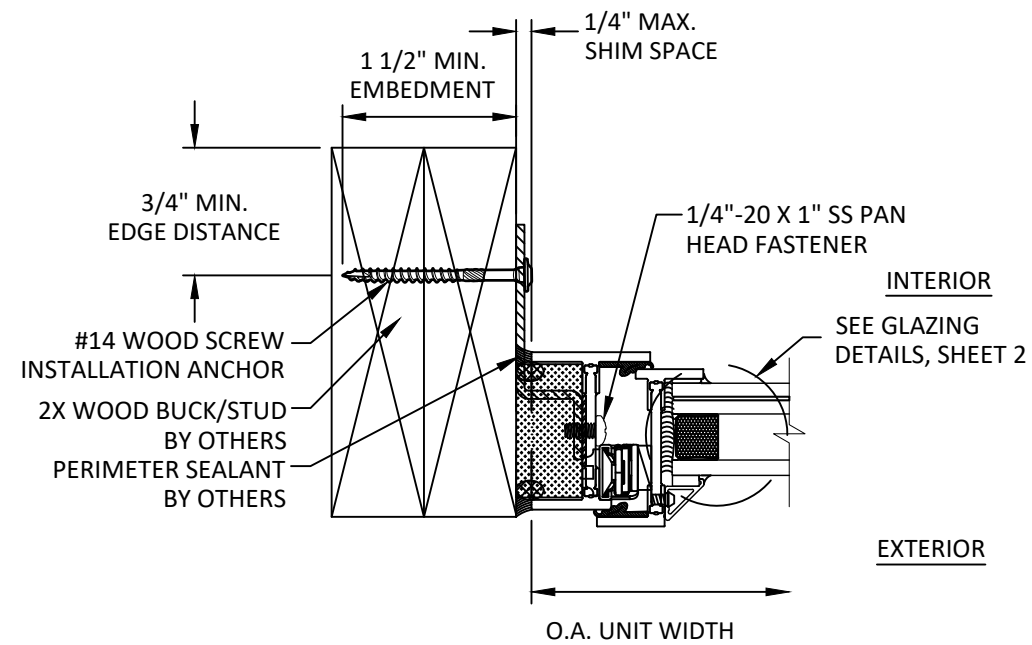
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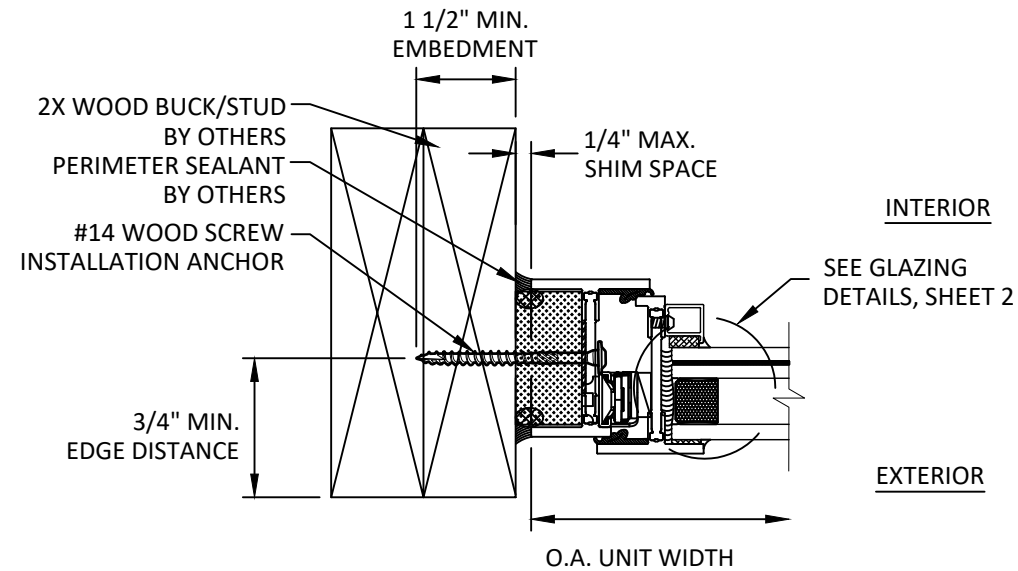
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A
8 **HORIZONTAL SECTION**
JAMB- 2X WOOD BUCK
FLANGE INSTALLATION
UNEQUAL LEG FRAME



B
8 **HORIZONTAL SECTION**
JAMB- 2X WOOD BUCK
STRAP INSTALLATION
LONG LEG FRAME



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



OPTIMUM STEEL WINDOWS AND DOORS
28 CANAL STREET
ELLENVILLE, NY 12428
PH: (845) 647-1900 FX: (845) 647-1494

TITLE: RTS-430i STAINLESS STEEL
PROJECT OUT AWNING WINDOW
(WZ3) (IMPACT)

HORIZONTAL SECTIONS
2X WOOD BUCK

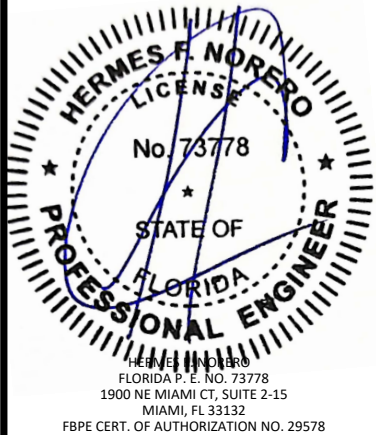
PREPARED BY:
BUILDING DROPS, INC.

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

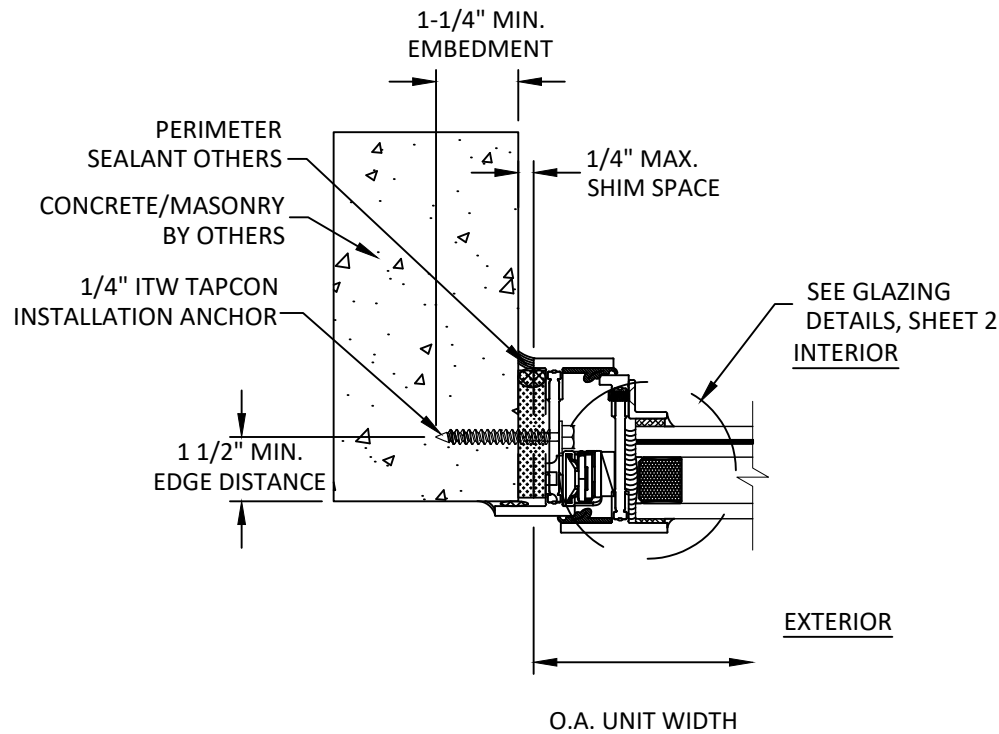


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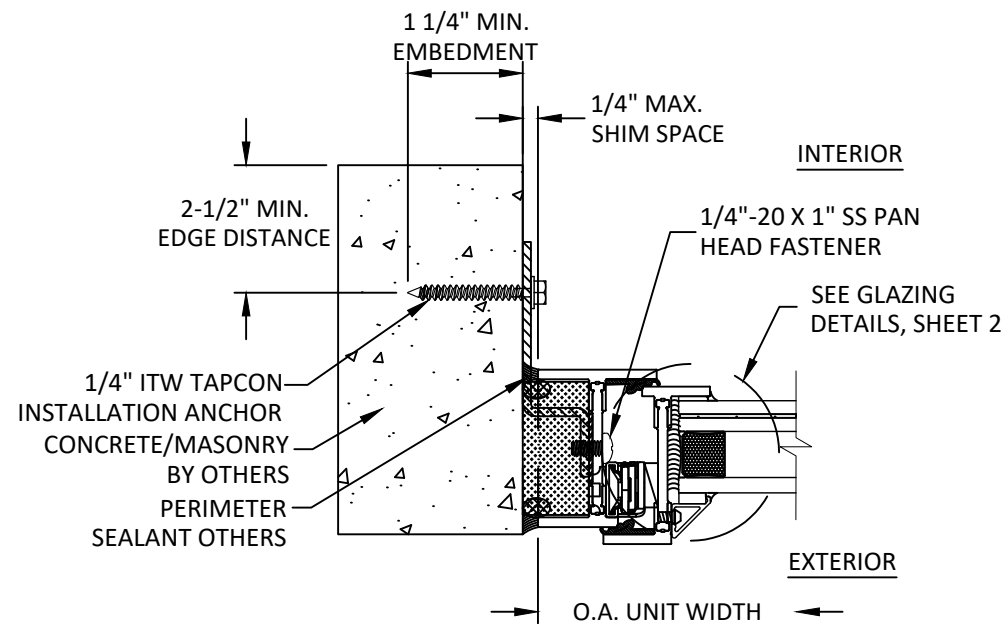
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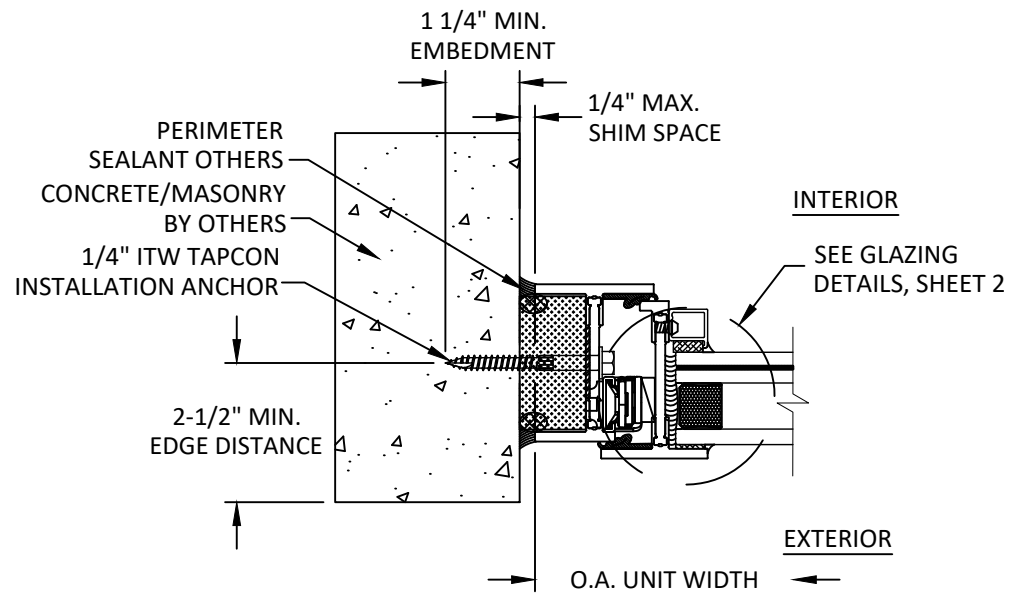
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DWG. #:	OPW012
SHEET:	8



A HORIZONTAL SECTION
JAMB- CONCRETE/MASONRY
FLANGE INSTALLATION
UNEQUAL LEG FRAME



B HORIZONTAL SECTION
JAMB- CONCRETE/MASONRY
STRAP INSTALLATION
LONG LEG FRAME



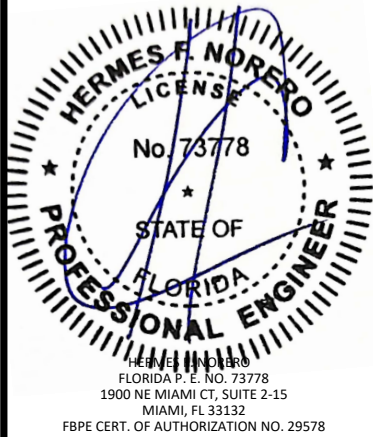
C HORIZONTAL SECTION
JAMB- CONCRETE/MASONRY
THROUGH FRAME INSTALLATION
LONG LEG FRAME

TITLE: RTS-430i STAINLESS STEEL
PROJECT OUT AWNING WINDOW
(WZ3) (IMPACT)
HORIZONTAL SECTIONS
CONCRETE/MASONRY

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

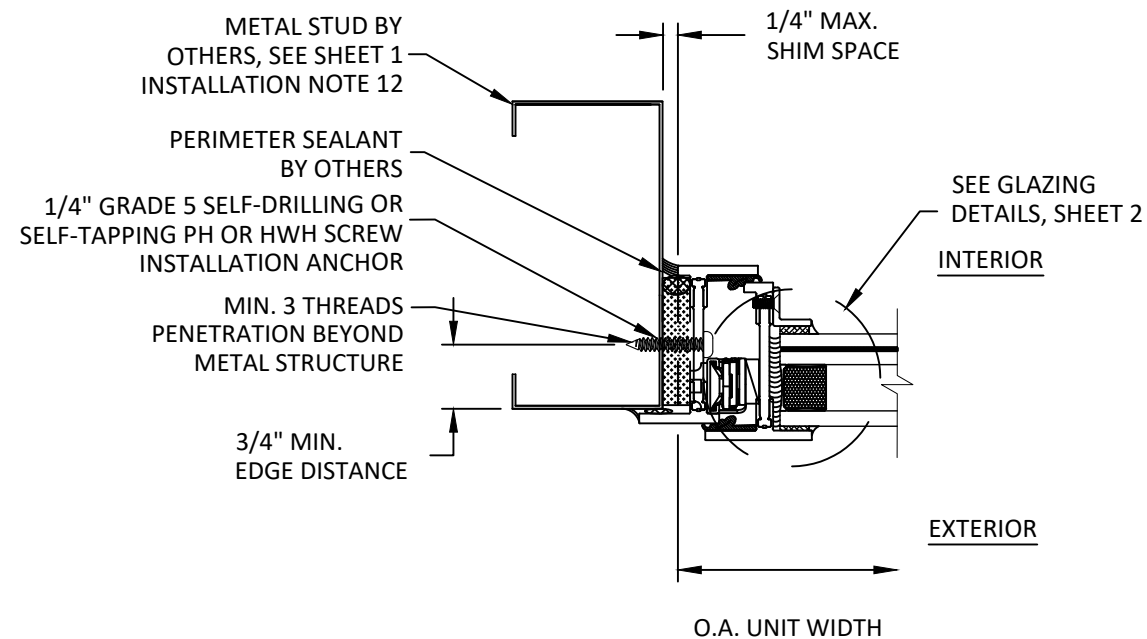
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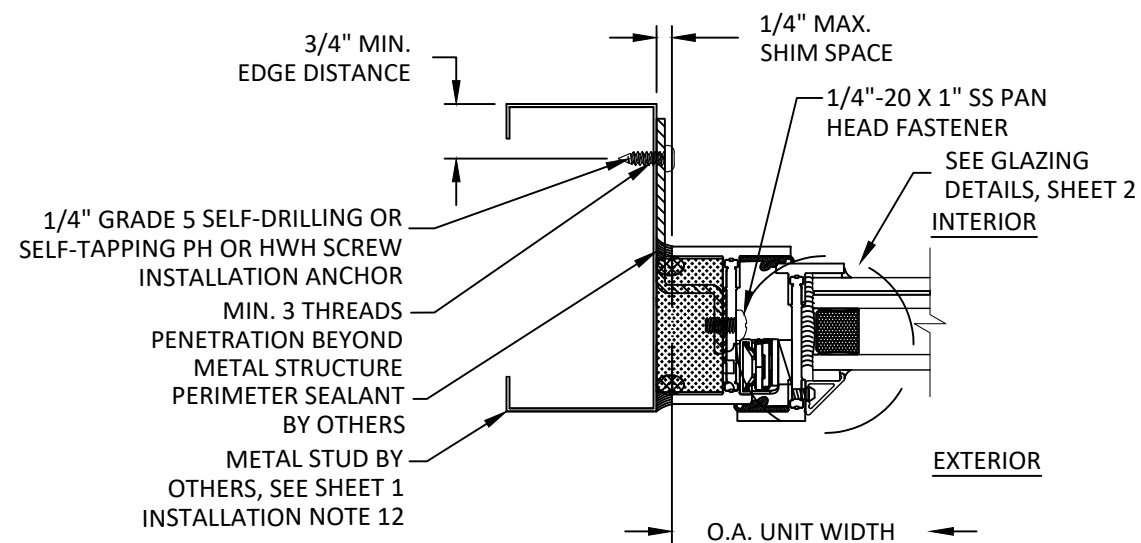


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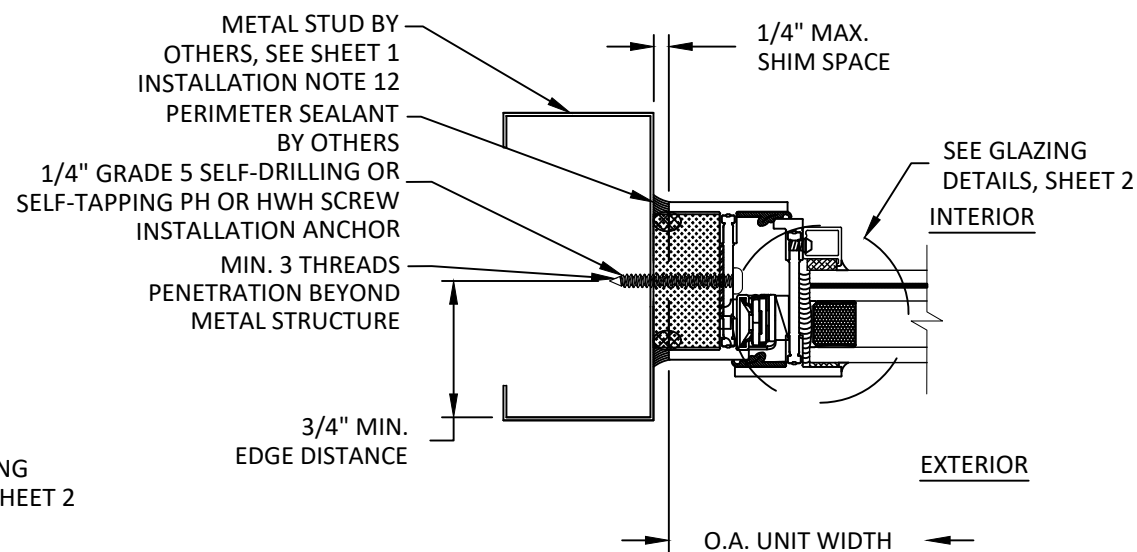
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A
10 **HORIZONTAL SECTION**
JAMB- METAL STUD
FLANGE INSTALLATION
UNEQUAL LEG FRAME



B
10 **HORIZONTAL SECTION**
JAMB- METAL STUD
STRAP INSTALLATION
LONG LEG FRAME



C
10 **HORIZONTAL SECTION**
JAMB- METAL STUD
THROUGH FRAME INSTALLATION
LONG LEG FRAME



OPTIMUM STEEL WINDOWS AND DOORS
28 CANAL STREET
ELLENVILLE, NY 12428
PH: (845) 647-1900 FX: (845) 647-1494

TITLE: RTS-430i STAINLESS STEEL
PROJECT OUT AWNING WINDOW
(WZ3) (IMPACT)

HORIZONTAL SECTIONS
METAL STUD

PREPARED BY:

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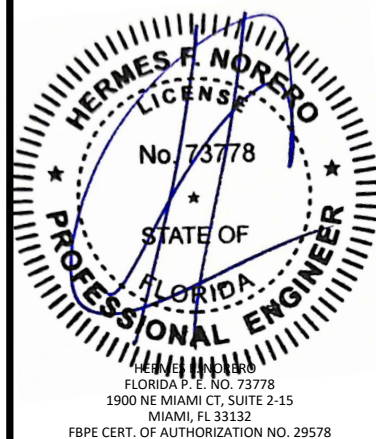
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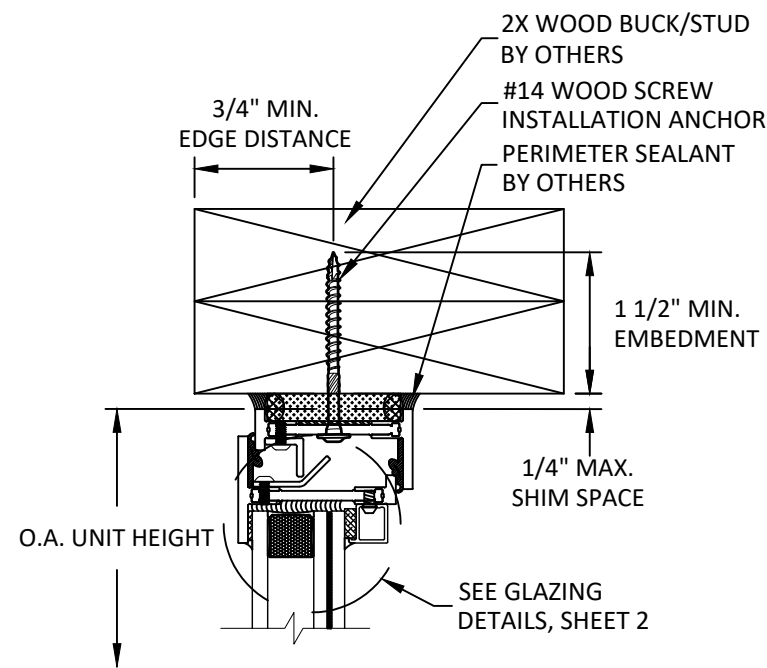
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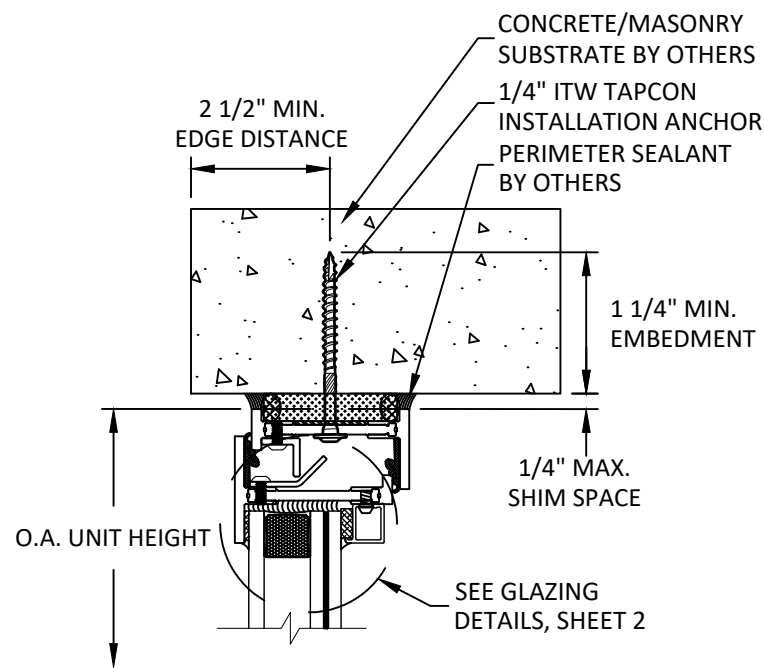
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EXTERIOR

INTERIOR

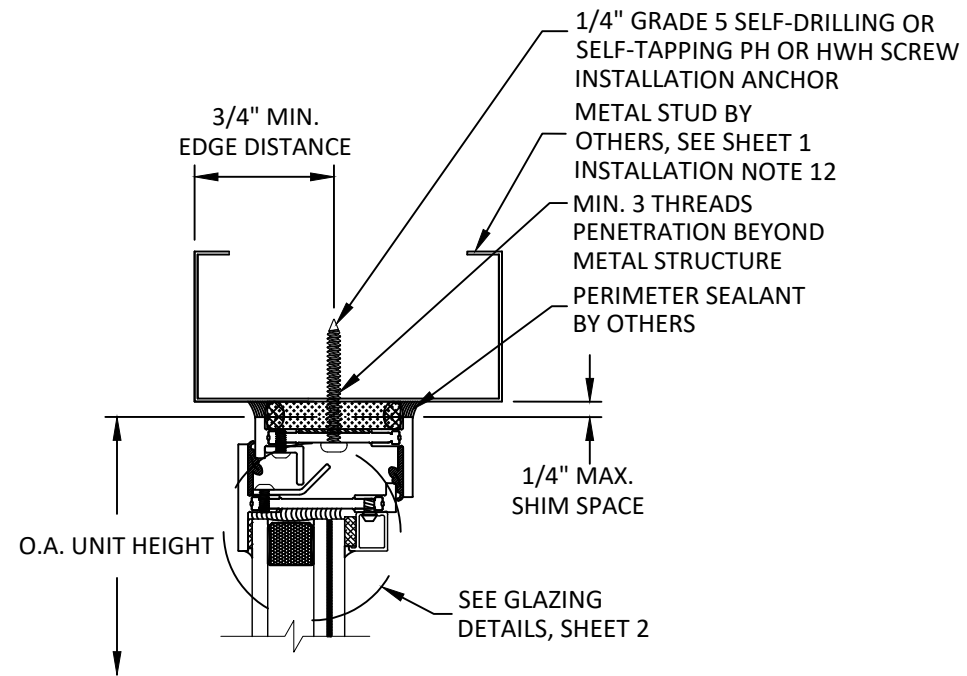
A
11 **VERTICAL SECTION**
HEAD - 2X WOOD BUCK
THROUGH FRAME INSTALLATION
SHORT LEG FRAME



EXTERIOR

INTERIOR

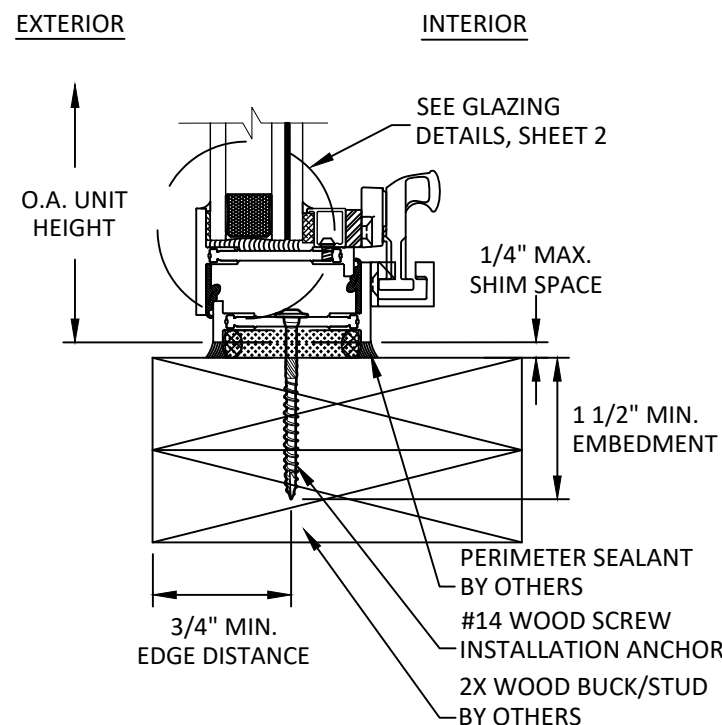
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HEAD - CONCRETE/MASONRY
THROUGH FRAME INSTALLATION
SHORT LEG FRAME



EXTERIOR

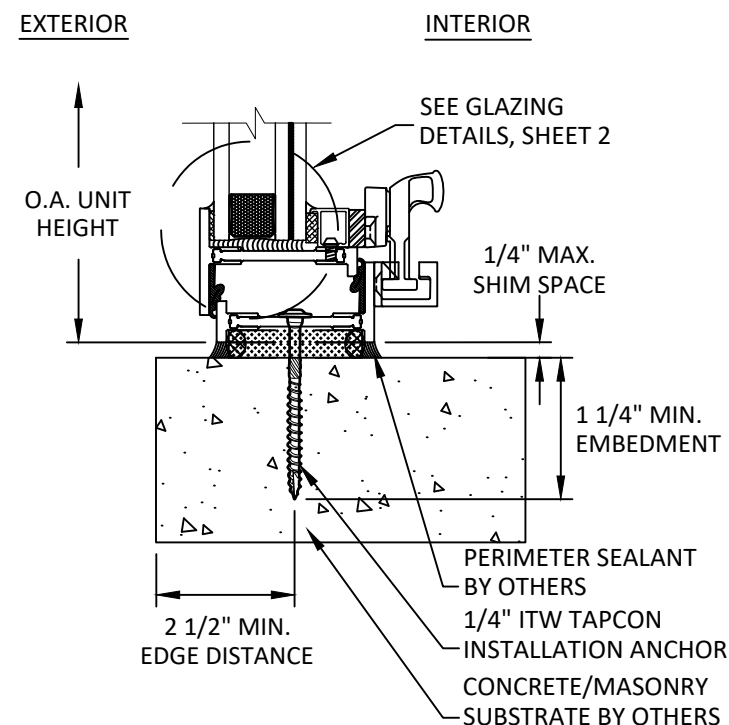
INTERIOR

C
11 **VERTICAL SECTION**
HEAD - METAL STUD
THROUGH FRAME INSTALLATION
SHORT LEG FRAME



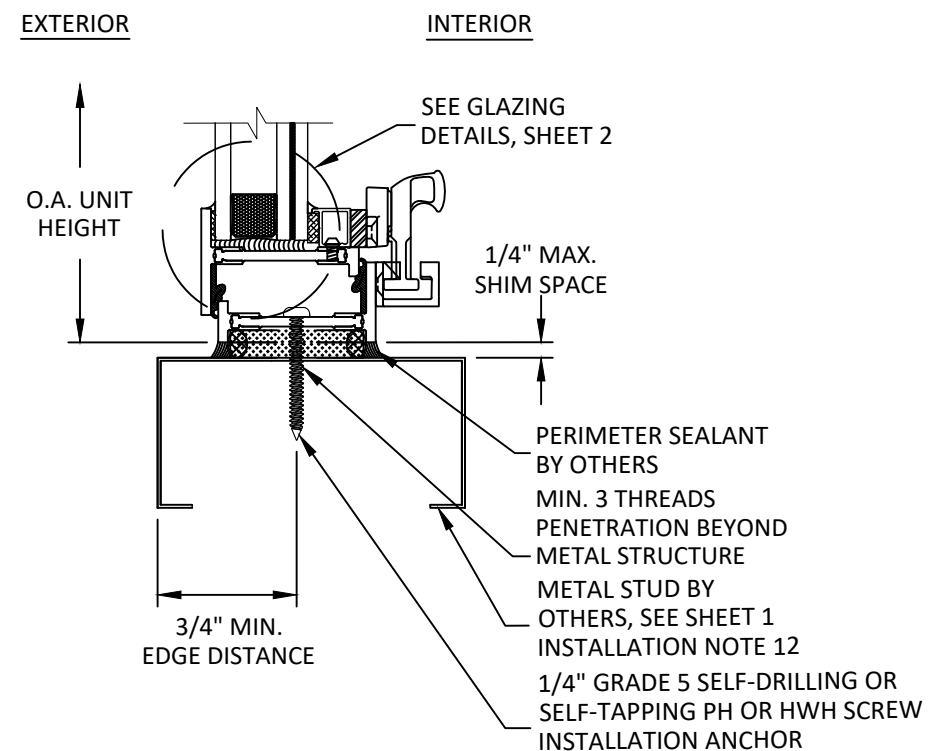
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11

VERTICAL SECTION
SILL - 2X WOOD BUCK
THROUGH FRAME INSTALLATION
SHORT LEG FRAME



E
11

VERTICAL SECTION
SILL - CONCRETE/MASONRY
THROUGH FRAME INSTALLATION
SHORT LEG FRAME



F
11

VERTICAL SECTION
SILL - METAL STUD
THROUGH FRAME INSTALLATION
SHORT LEG FRAME



OPTIMUM STEEL WINDOWS AND DOORS
28 CANAL STREET
ELLENVILLE, NY 12428
PH: (845) 647-1900 FX: (845) 647-1494

TITLE: RTS-430i STAINLESS STEEL
PROJECT OUT AWNING WINDOW
(WZ3) (IMPACT)

VERTICAL SECTIONS

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132

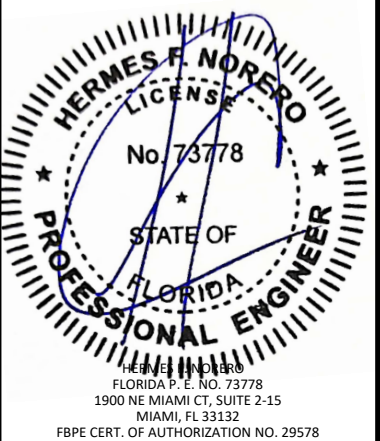
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FAX: (954) 744-4738

WEB: www.buildingdrops.com



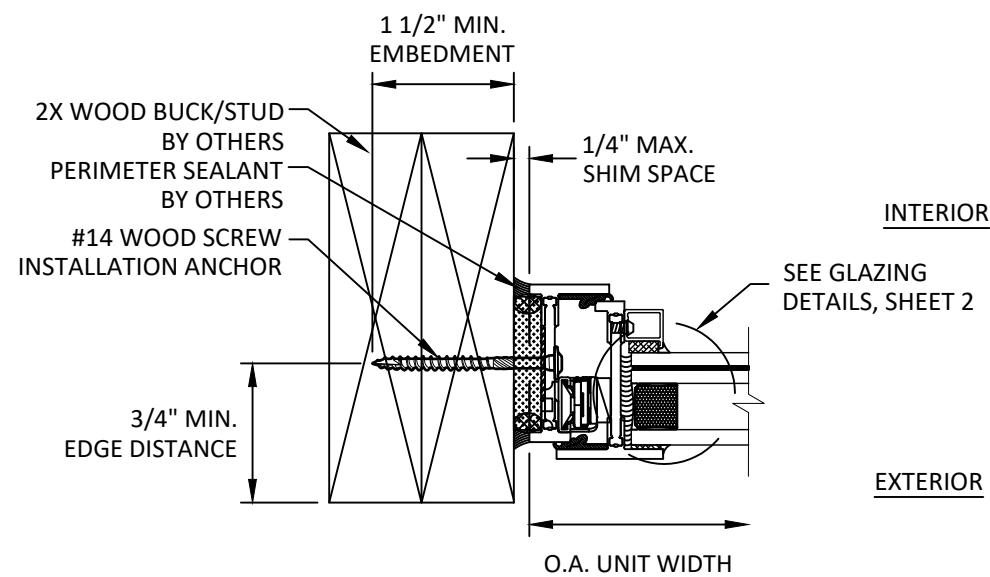
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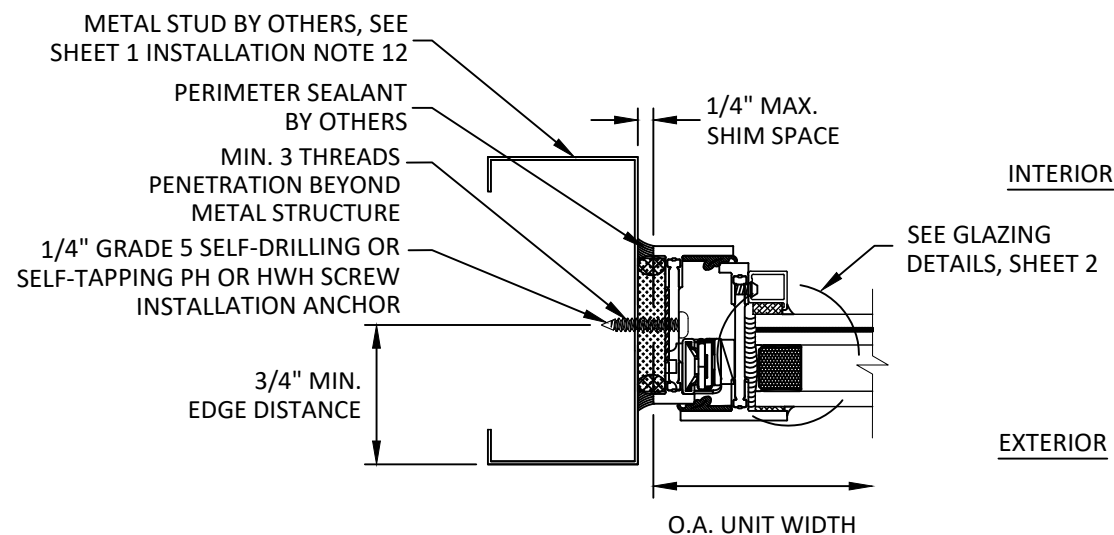


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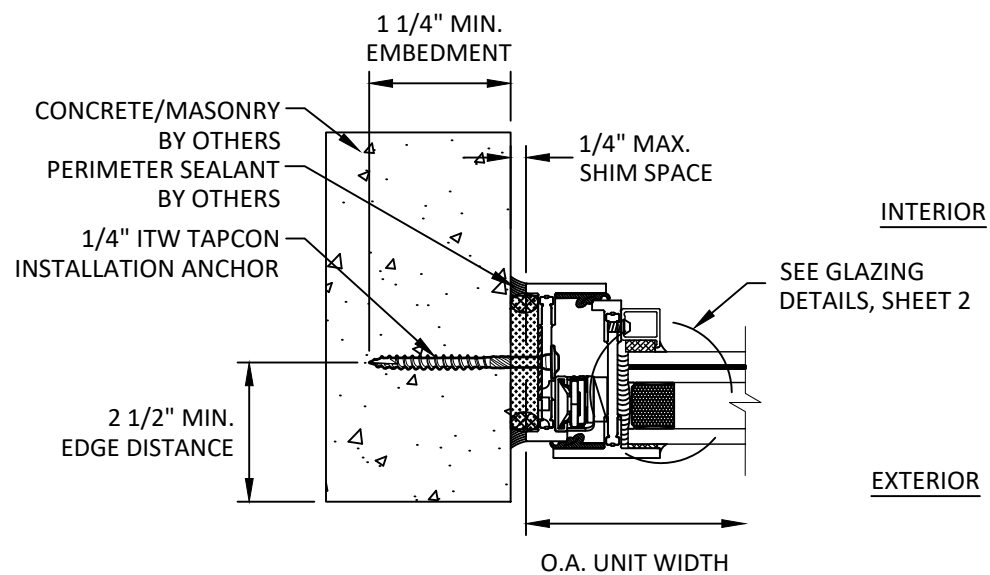
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A
12 **HORIZONTAL SECTION**
JAMB- 2X WOOD BUCK
THROUGH FRAME INSTALLATION
SHORT LEG FRAME



C
12 **HORIZONTAL SECTION**
JAMB- METAL STUD
THROUGH FRAME INSTALLATION
SHORT LEG FRAME



B
12 **HORIZONTAL SECTION**
JAMB- CONCRETE/MASONRY
THROUGH FRAME INSTALLATION
SHORT LEG FRAME



OPTIMUM STEEL WINDOWS AND DOORS
28 CANAL STREET
ELLENVILLE, NY 12428
PH: (845) 647-1900 FX: (845) 647-1494

TITLE: RTS-430i STAINLESS STEEL
PROJECT OUT AWNING WINDOW
(WZ3) (IMPACT)

VERTICAL SECTIONS

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132

PH: (954) 399-8478

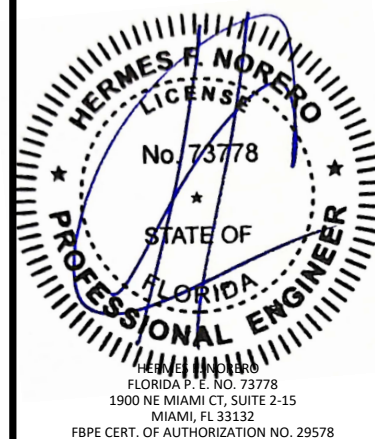
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