

ANDERSEN CORPORATION

400 SERIES CASEMENT FIXED WINDOWS

(NON-HVHZ)(IMPACT)

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
- 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.
- INSTALLATION CLIP: FOR INSTALLATION INTO 2X WOOD BUCK USE TWO (2) #8 WOOD SCREWS OR ONE (1) #10 WOOD SCREW THROUGH INSTALLATION CLIP OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
- INSTALLATION CLIP: FOR INSTALLATION THROUGH METAL STRUCTURE USE ONE (1) #8 SELF-TAPPING SCREWS THROUGH THE INSTALLATION CLIP WITH 3 THREADS MINIMUM PENETRATION BEYOND METAL STRUCTURE.
- INSTALLATION CLIP: FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE ONE (1) 3/16 INCH ITW TAPCON OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT.
- 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 33 MILS (20 GAUGE).
 - ALUMINUM - ALUMINUM - 1/8" MINIMUM THICKNESS (6063-T5).

GENERAL NOTES:

- 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 E 1886-19
 - ASTM E 1996-20
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X AND METAL STUD 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** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONE 4 OR LESS.
- WINDOW FRAME MATERIAL: PONDEROSA PINE (MIN. S.G. = 0.40)/VINYL
- GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 5 FOR GLAZING DETAILS.
- DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
X: OPERABLE PANEL
O: FIXED PANEL

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL & INSTALLATION NOTES
2	ELEVATIONS & ANCHOR LAYOUT
3	VERTICAL SECTIONS
4	HORIZONTAL SECTIONS
5	BILL OF MATERIALS, COMPONENTS, & GLAZING DETAILS

DESIGN PRESSURE RATING		
INSTALLATION	DESIGN PRESSURE	MISSILE IMPACT RATING
INSTALLATION CLIP	+70 / -70 PSF	LARGE & SMALL MISSILE IMPACT RATED



ANDERSEN
WINDOWS & DOORS

100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096

PH: (651) 264-5150 FX: (651) 264-5485

TITLE: 400 SERIES CASEMENT
FIXED WINDOWS
(NON-HVHZ)(IMPACT)

GENERAL & INSTALLATION NOTES

PREPARED BY: BUILDING DROPS, INC.

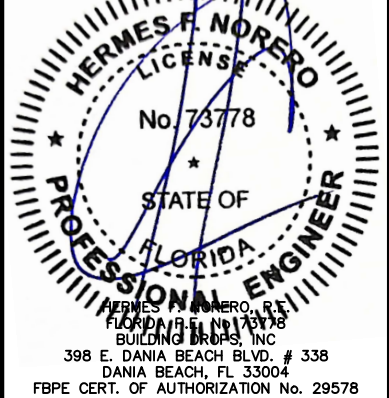
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 399-8478
FAX: (954) 744-4738
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REMARKS	BY	DATE
5TH FBC CODE CHANGE	SM	4.14.15
6TH FBC CODE CHANGE	HR	10.1.17
7TH FBC CODE CHANGE	SR	3.20.20
8TH FBC CODE CHANGE	SH	5.25.23

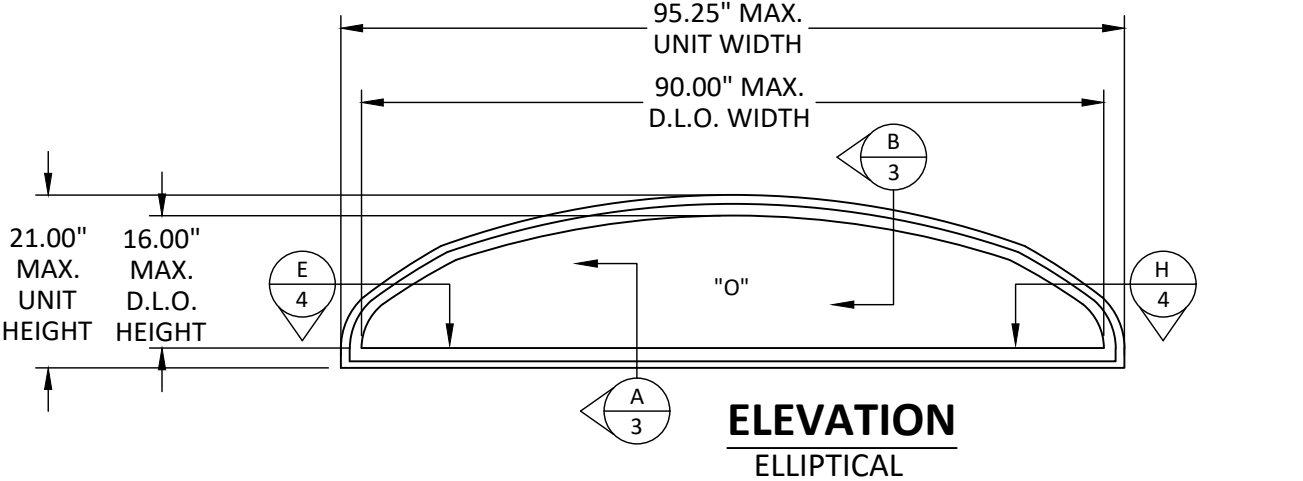
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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.08.14 20:57:44 -04'00'

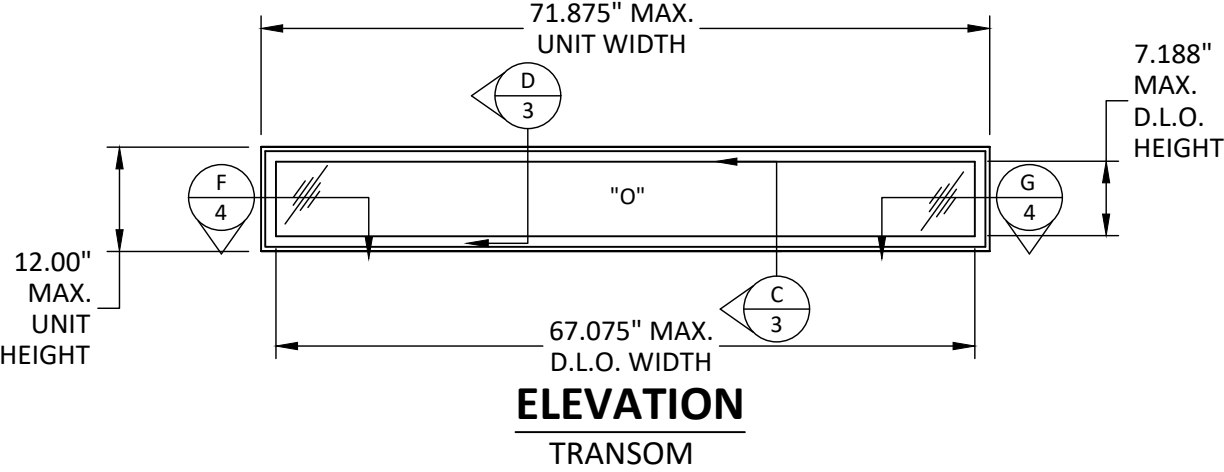


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FL15905	
DATE: 10.01.17	
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SCALE: NTS	
DWG. #: AWD184	
SHEET:	
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OF 5	

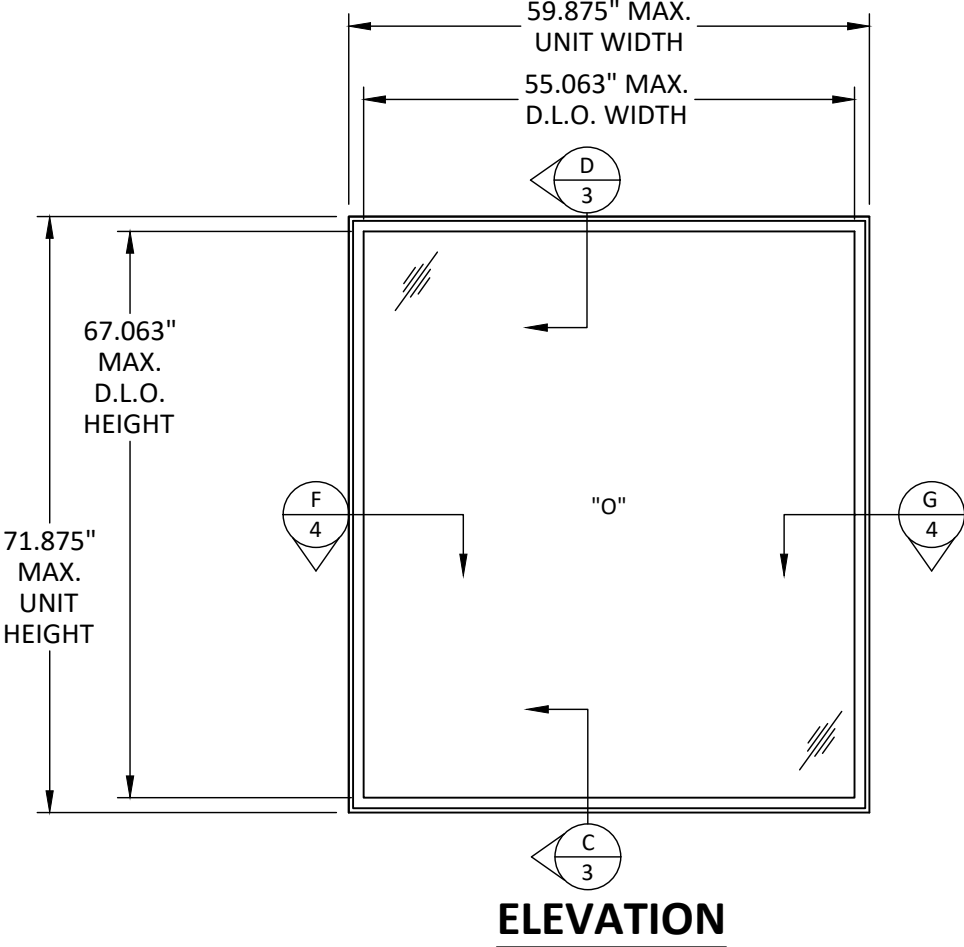
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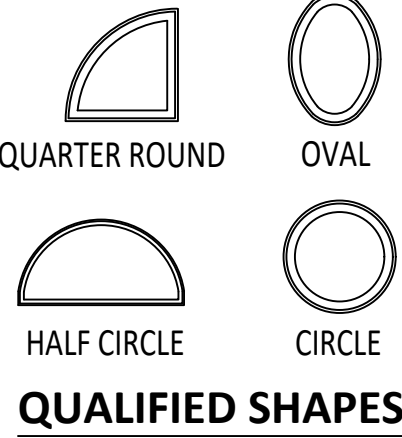
ELEVATION
ELLIPTICAL



ELEVATION
TRANSOM

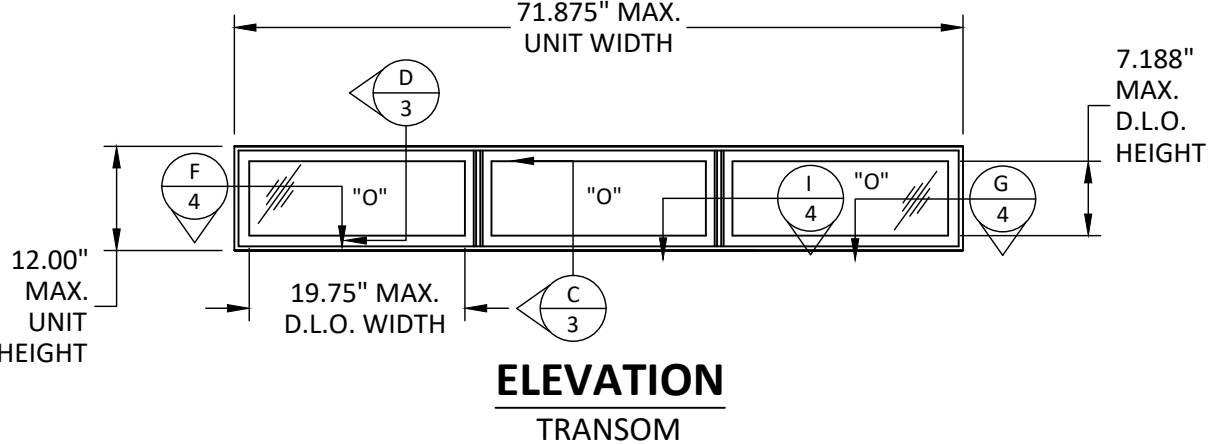
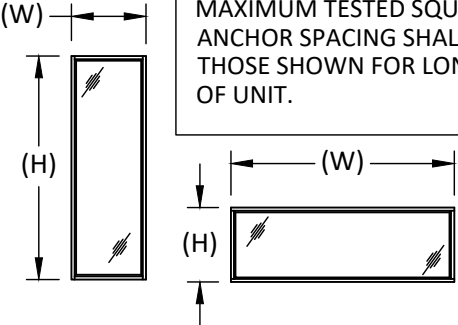


ELEVATION

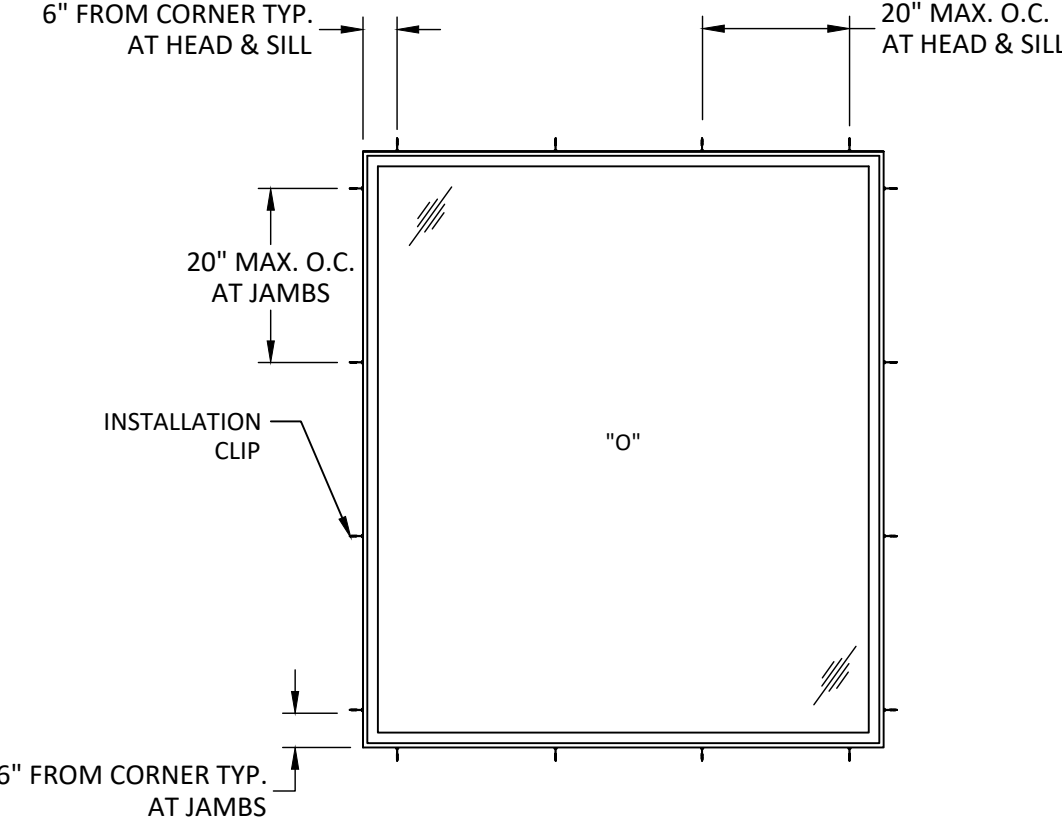


QUALIFIED SHAPES

NOTE:
WINDOW WIDTH (W) AND HEIGHT (H) ARE INTERCHANGEABLE FOR ALL SIZES SHOWN HEREIN NOT TO EXCEED MAXIMUM TESTED SQUARE FOOT AREA. ANCHOR SPACING SHALL NOT EXCEED THOSE SHOWN FOR LONG OR SHORT LEG OF UNIT.



ELEVATION
TRANSOM



ANCHOR LAYOUT
INSTALLATION CLIP
APPLIES TO ALL SHAPES

ANDERSEN
WINDOWS & DOORS
100 FOURTH AVE NORTH
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FIXED WINDOWS
(NON-HVHZ)/(IMPACT)
ELEVATIONS & ANCHOR LAYOUT

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HERMES F. NORERO
LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
HERMES F. NORERO, P.E.
FLORIDA LICENSE NO. 73778
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL15905

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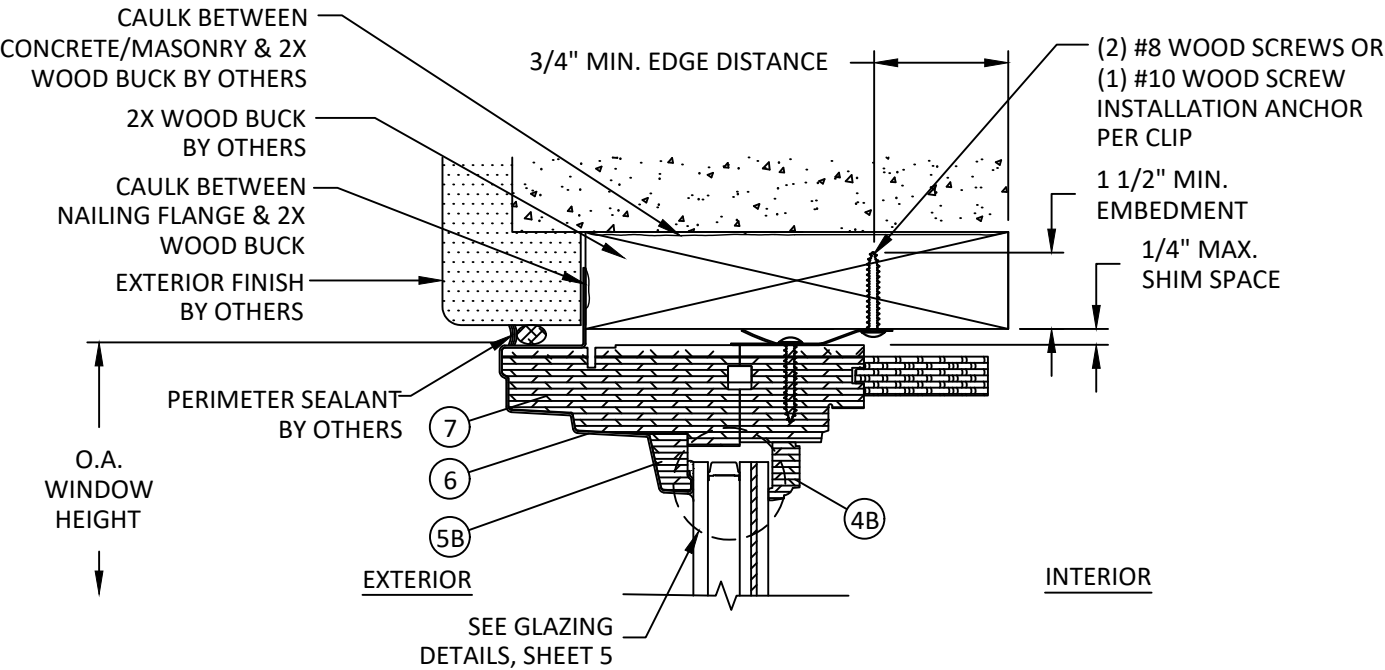
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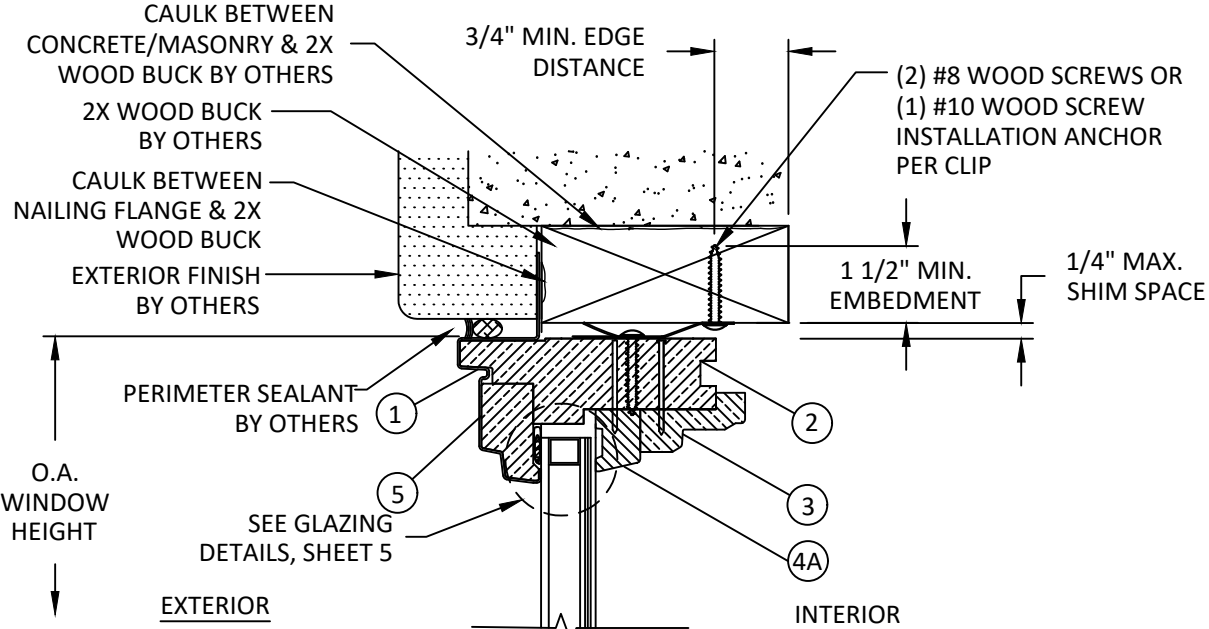
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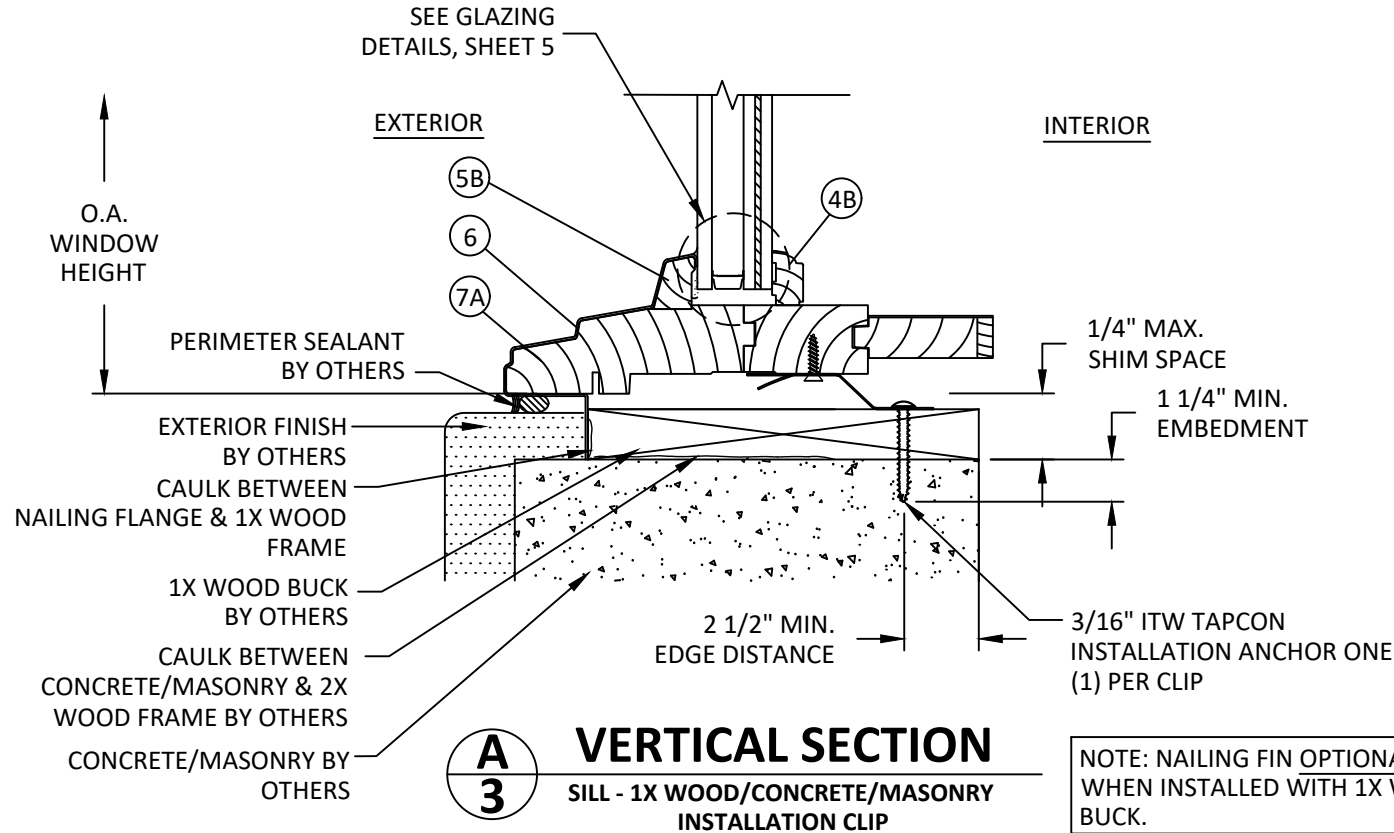
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B
3 **VERTICAL SECTION**
HEAD - 2X WOOD BUCK
INSTALLATION CLIP

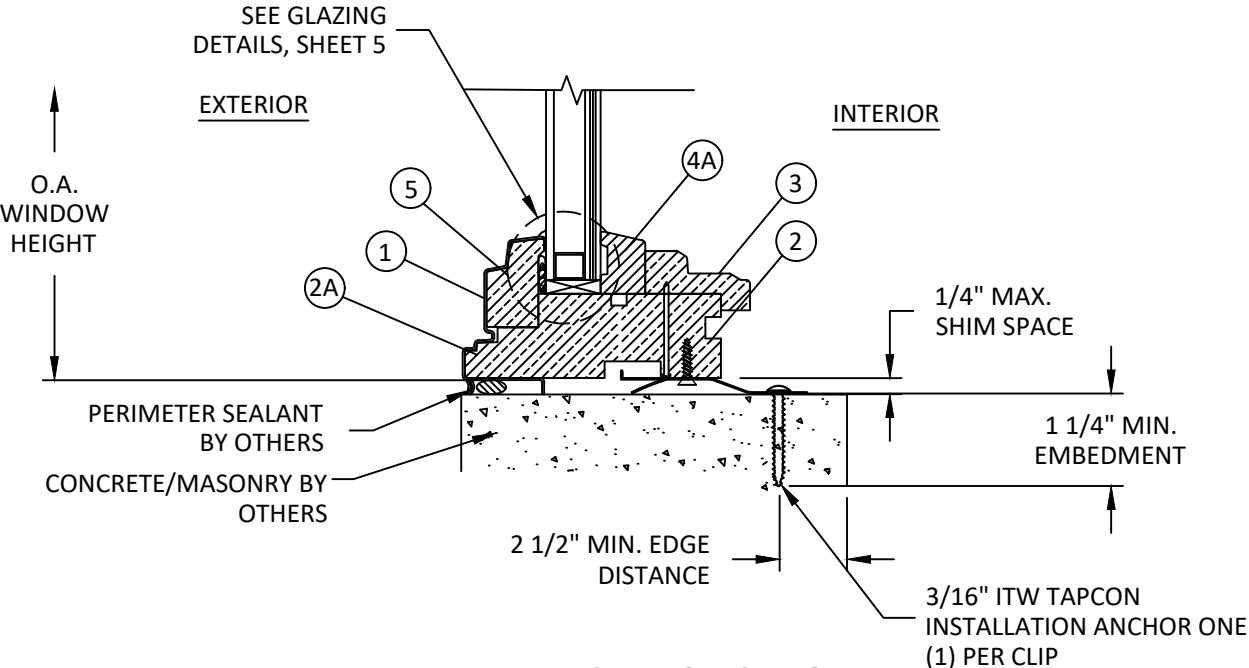


D
3 **VERTICAL SECTION**
HEAD - 2X WOOD BUCK
INSTALLATION CLIP



A
3 **VERTICAL SECTION**
SILL - 1X WOOD/CONCRETE/MASONRY
INSTALLATION CLIP

NOTE: NAILING FIN OPTIONAL
WHEN INSTALLED WITH 1X WOOD
BUCK.



C
3 **VERTICAL SECTION**
SILL - CONCRETE/MASONRY
INSTALLATION CLIP



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VERTICAL SECTIONS

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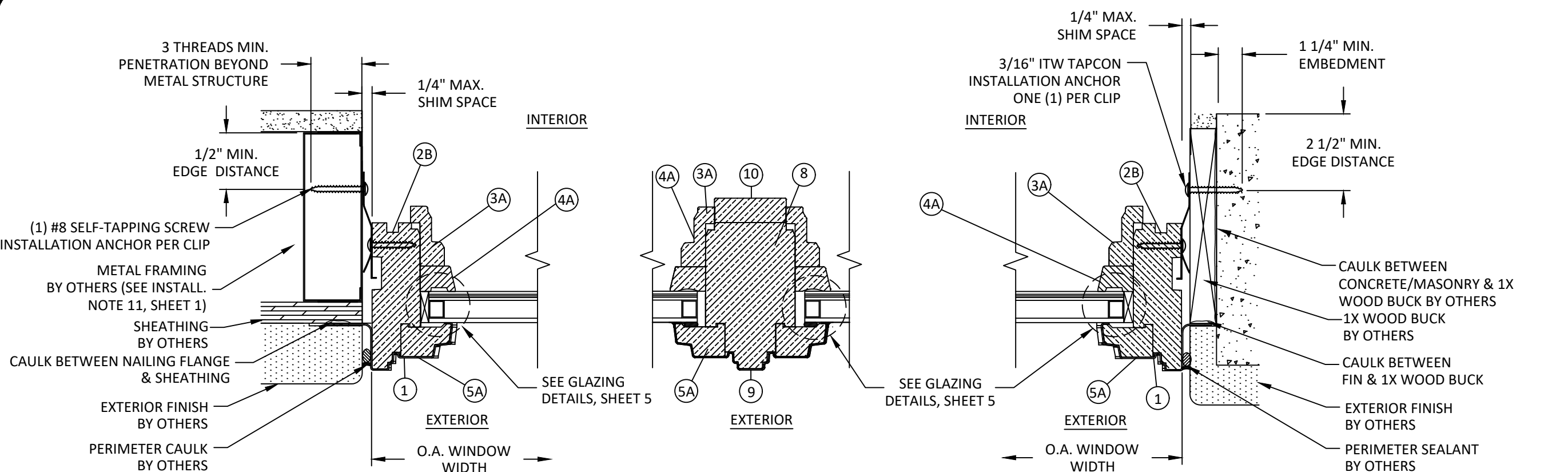
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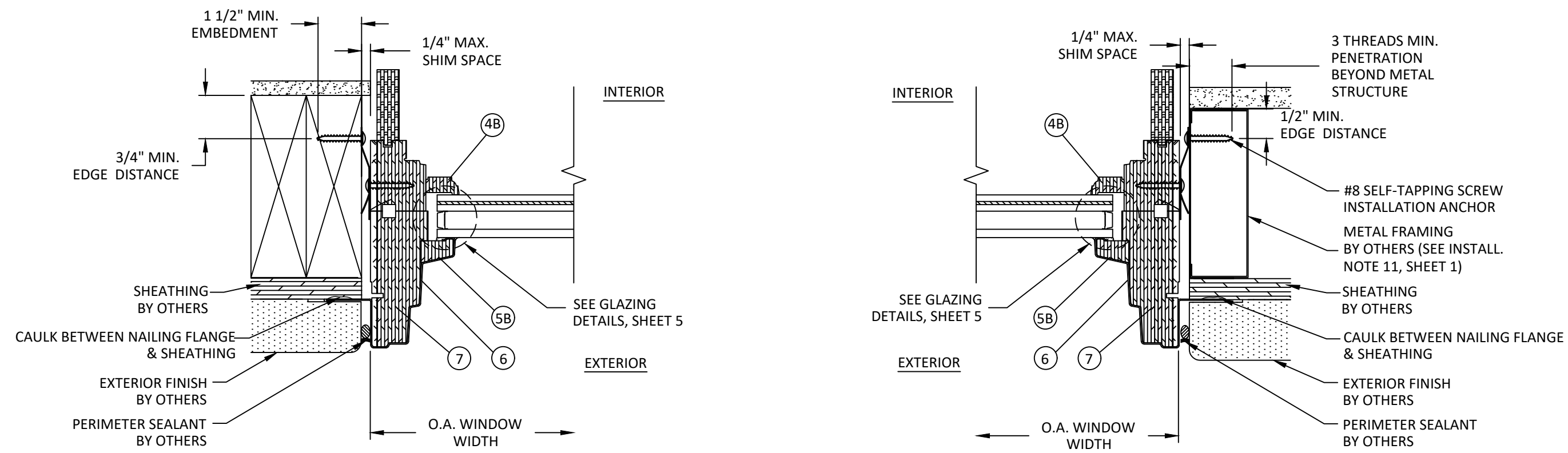


F/4 HORIZONTAL SECTION
JAMB - METAL FRAME INSTALLATION CLIP

I/4 HORIZONTAL SECTION
INTEGRAL MULL POST

G/4 HORIZONTAL SECTION
JAMB - 1X WOOD/MASONRY/CONCRETE INSTALLATION CLIP

NOTE: NAILING FIN OPTIONAL WHEN INSTALLED WITH 1X WOOD BUCK.



E/4 HORIZONTAL SECTION
JAMB - 2X WOOD FRAME INSTALLATION CLIP

H/4 HORIZONTAL SECTION
JAMB - METAL FRAME INSTALLATION CLIP



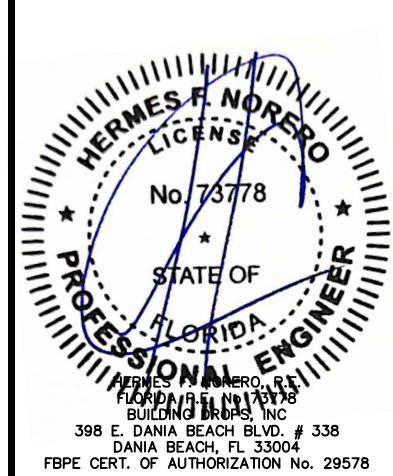
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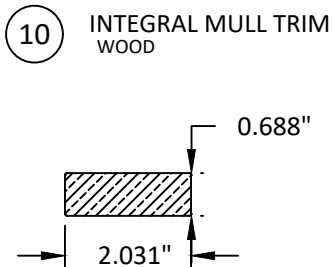
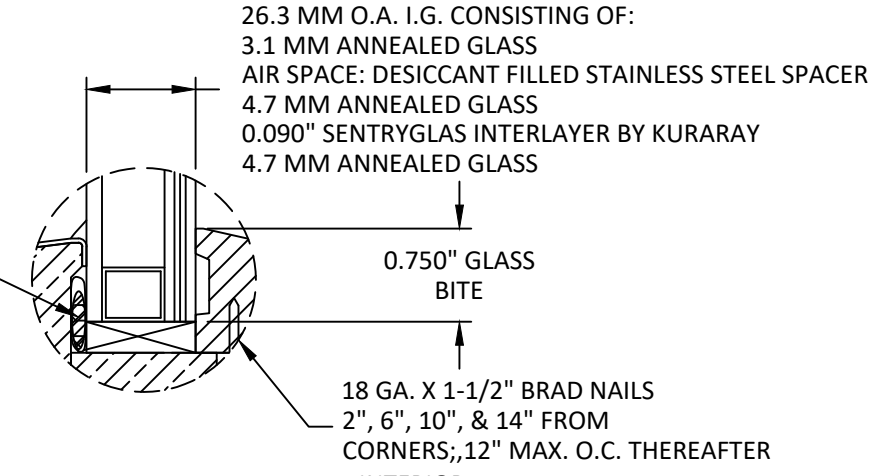
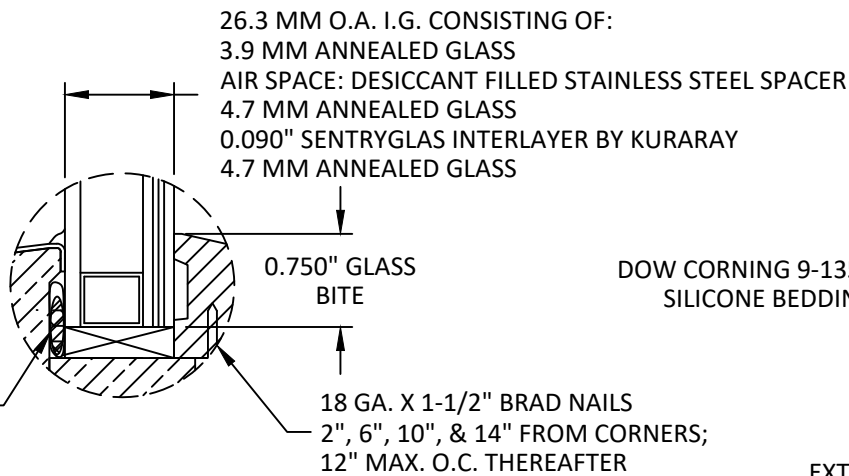
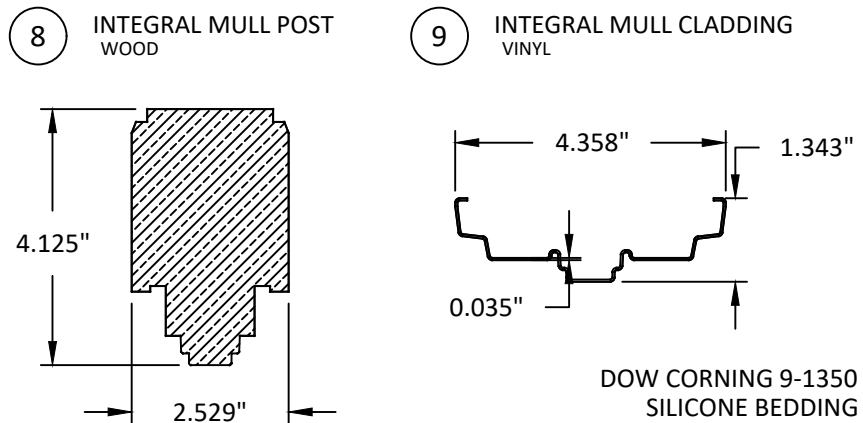
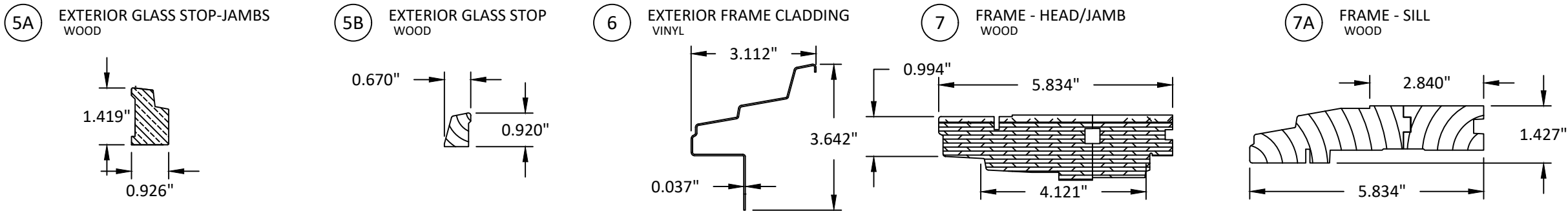
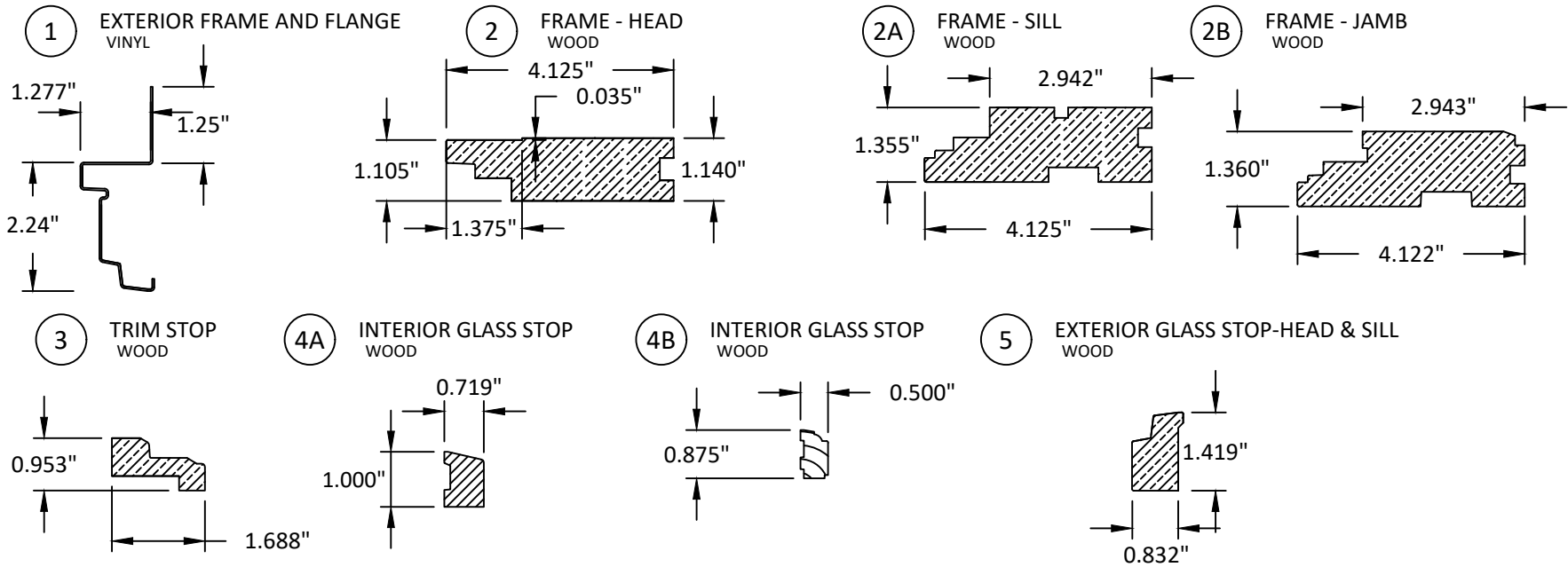
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BILL OF MATERIALS			
NO.	DESCRIPTION	MATERIAL	MANUFACTURERS
1	EXTERIOR FRAME CLADDING	VINYL	ANDERSEN CORPORATION
2	FRAME - HEAD	WOOD	ANDERSEN CORPORATION
2A	FRAME - SILL	WOOD	ANDERSEN CORPORATION
2B	FRAME - JAMB	WOOD	ANDERSEN CORPORATION
3	I.G. TRIM STOP	WOOD	ANDERSEN CORPORATION
4A	I.G. GLASS STOP-INTERIOR	WOOD	ANDERSEN CORPORATION
4B	I.G. GLASS STOP-INTERIOR	WOOD	ANDERSEN CORPORATION
5	GLASS STOP-EXTERIOR	WOOD	ANDERSEN CORPORATION
5A	GLASS STOP-EXTERIOR	WOOD	ANDERSEN CORPORATION
5B	GLASS STOP-EXTERIOR	WOOD	ANDERSEN CORPORATION
6	EXTERIOR FRAME CLADDING	VINYL	ANDERSEN CORPORATION
7	FRAME - HEAD/JAMB	WOOD	ANDERSEN CORPORATION
7A	FRAME - SILL	WOOD	ANDERSEN CORPORATION
8	INTEGRAL MULL POST	WOOD	ANDERSEN CORPORATION
9	INTEGRAL MULL CLADDING	VINYL	ANDERSEN CORPORATION
10	INTEGRAL MULL TRIM	WOOD	ANDERSEN CORPORATION

NOTE: ALL WOOD TO BE PONDEROSA PINE OR EQUIVALENT.



GLAZING DETAIL A

GLAZING DETAIL B

NOTE: GLAZING DETAIL B FOR ELLIPTICAL AND TRANSOM UNITS ONLY

GLAZING NOTES:

- 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.
- SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
- SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
- D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES IN GLASS CHARTS.



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BILL OF MATERIALS, COMPONENTS,
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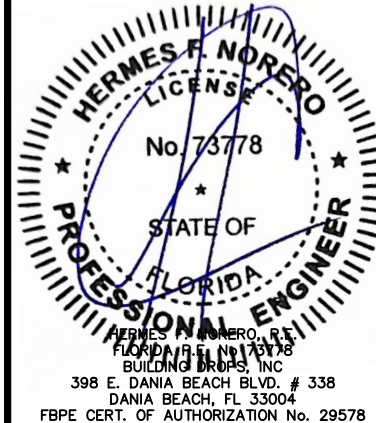
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