

CAOBA DOORS

MAHOGANY OUTSWING SINGLE CASEMENT WINDOWS

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT 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 INTO WOOD FRAMING USE #10 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
- FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE 3/16 INCH DIAMETER ITW TAPCONS 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.
 - MASONRY - STRENGTH CONFORMANCE TO ASTM C-90. 2000 PSI MIN. COMPRESSIVE STRENGTH.

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), INCLUDING 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 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.
- WINDOW FRAME MATERIAL: MAHOGANY
- THE MINIMUM SPECIFIC GRAVITY OF TRUE MAHOGANY SHALL BE G=0.45 OR THE SPECIFIC GRAVITY OF ANY NATURALLY DURABLE WOOD G>0.45 AND WITH THE MINIMUM GRADE 2 AS DEFINED BY THE THE CURRENT FLORIDA BUILDING CODE.
- ALL WOOD PRODUCTS SHALL NOT BE IN DIRECT CONTACT WITH THE SUBSTRATES, I.E. CONCRETE, MASONRY, REINFORCED CMU, ETC., USING "WOLMAN EHT" WATER REPELLANT PRESERVATIVE AS MANUFACTURED BY ZINSSER CO. INC OR EQUIVALENT COMPLYING WITH THE CURRENT FLORIDA BUILDING CODE.
- GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 10 FOR GLAZING DETAILS.

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DESIGN PRESSURE RATING	
DESIGN PRESSURE - ALL SIZES	MISSILE IMPACT RATING
+100/-100 PSF	SMALL AND LARGE MISSILE IMPACT RATED



4918 CEDAR AVENUE
PHILADELPHIA, PA 19143

PH: (215) 525-5048 FX: (215) 747-8908

TITLE:
MAHOGANY OUTSWING SINGLE
CASEMENT WINDOWS
(HVHZ) (IMPACT)

INSTALLATION & GENERAL NOTES

PREPARED BY:

BUILDING DROPS, INC.

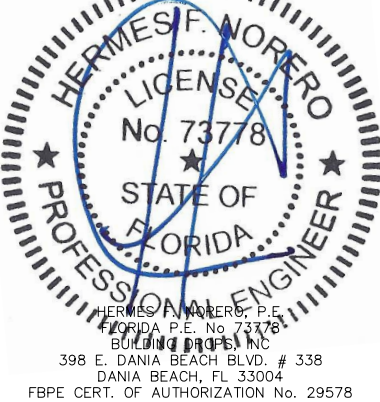
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
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REMARKS	BY	DATE

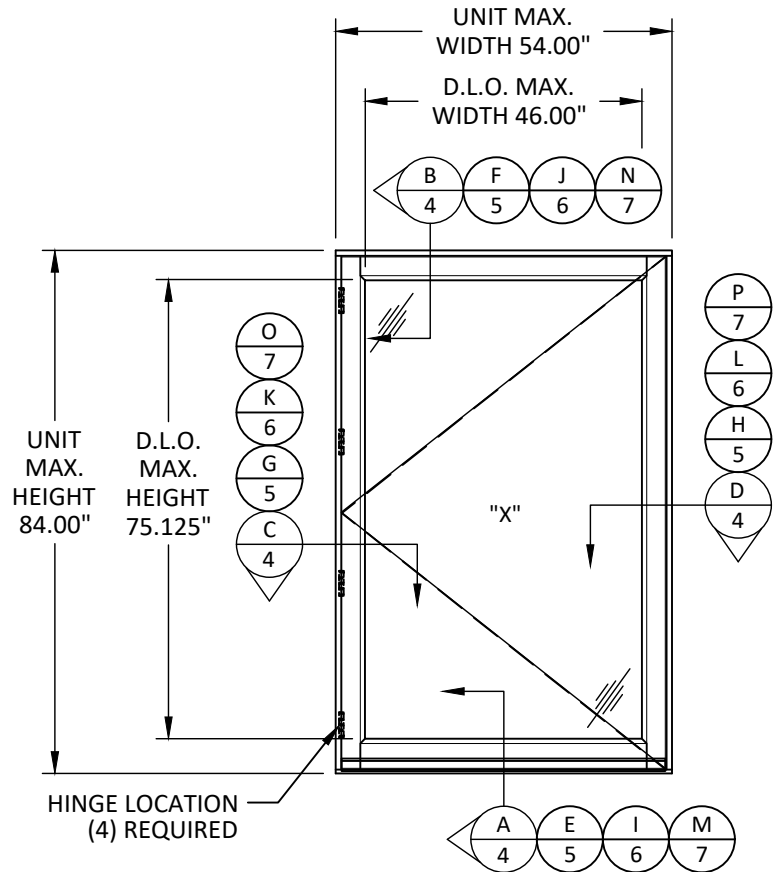
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Reason: I am approving this document
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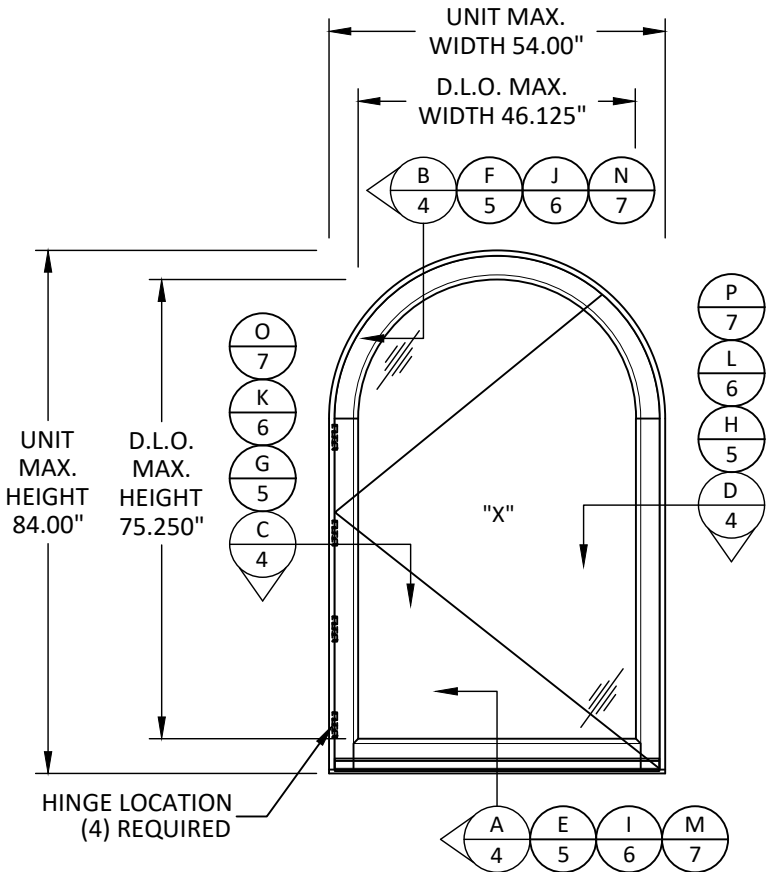


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SCALE:	NTS
DWG. #:	CAB025
SHEET:	1 OF 10

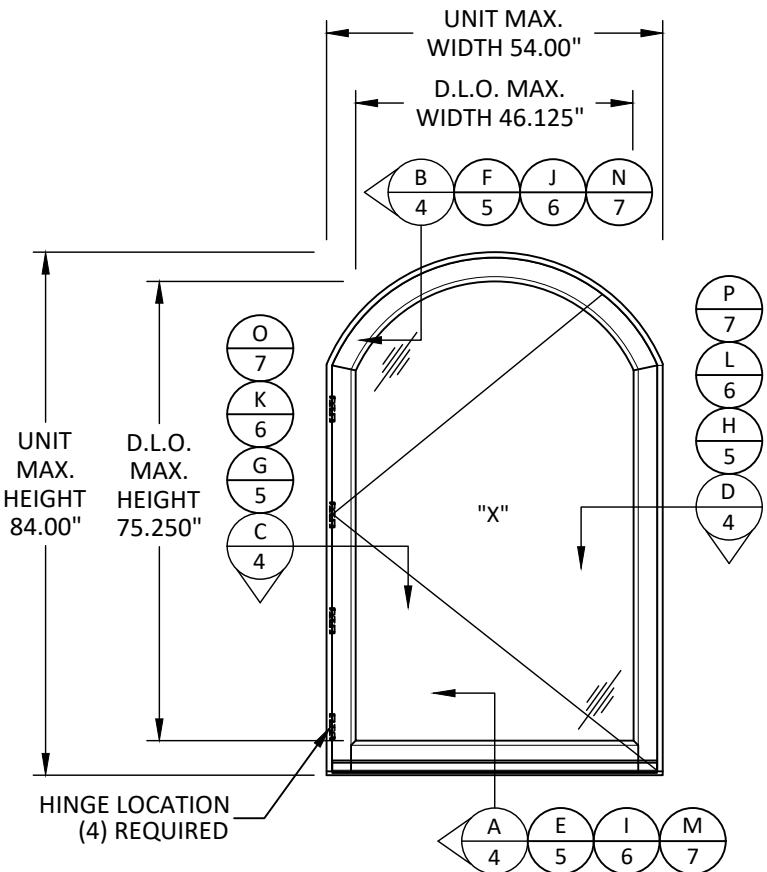
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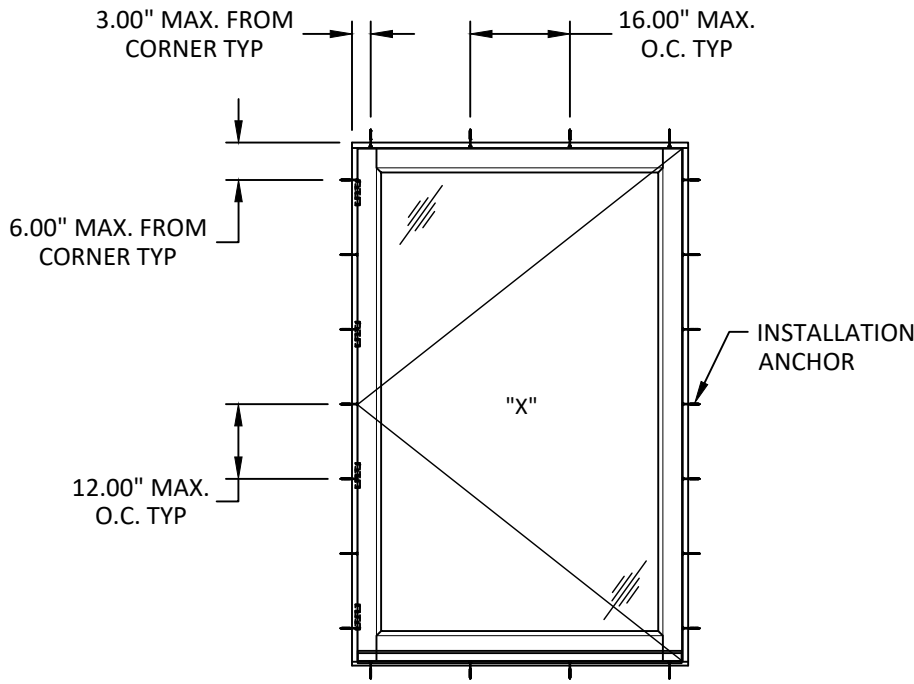
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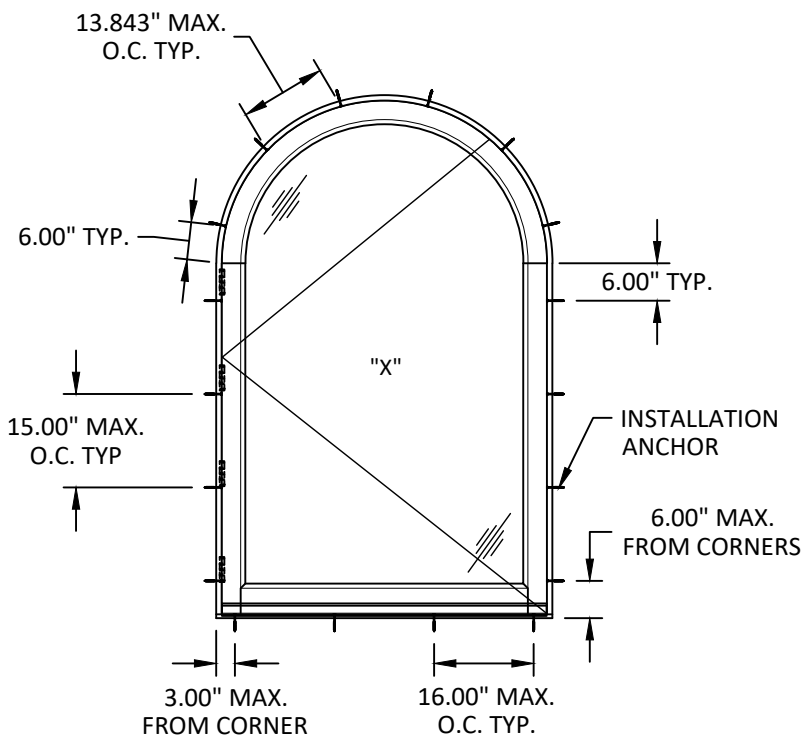
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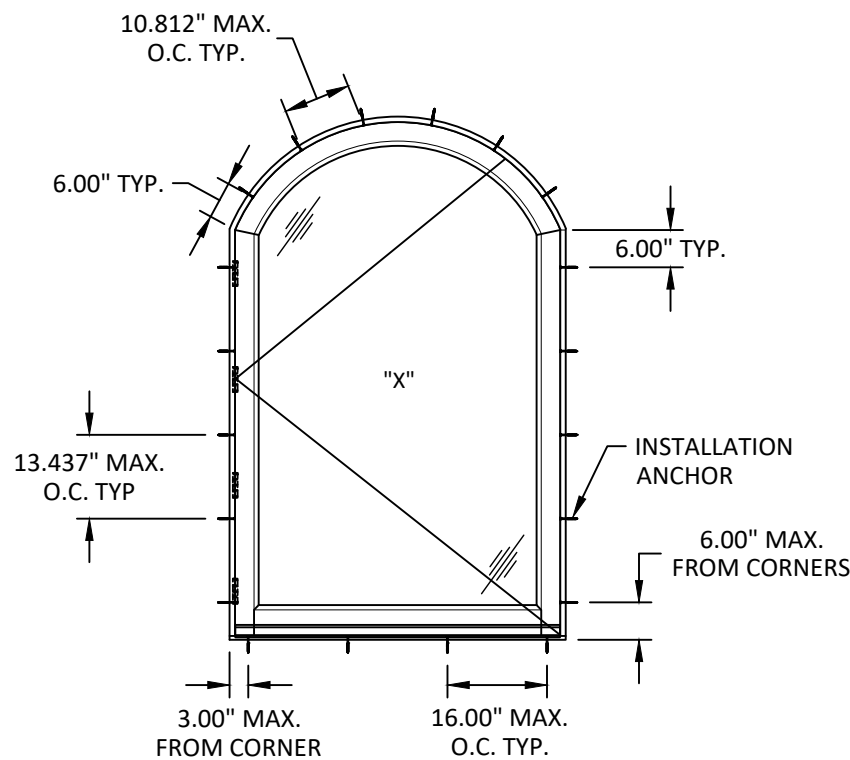
ELEVATION



ANCHOR LAYOUT



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ELEVATIONS & ANCHOR LAYOUTS

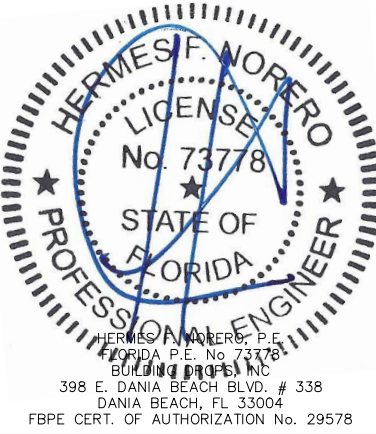
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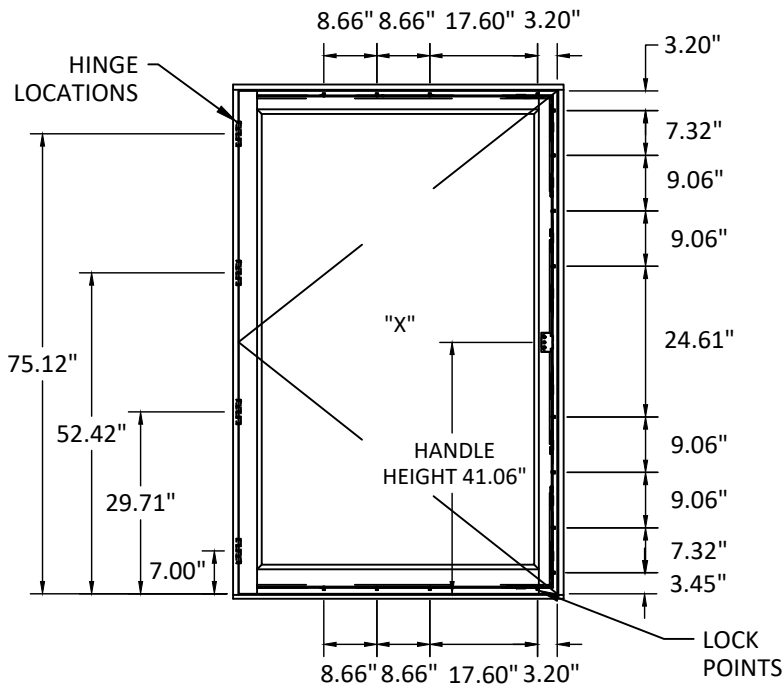
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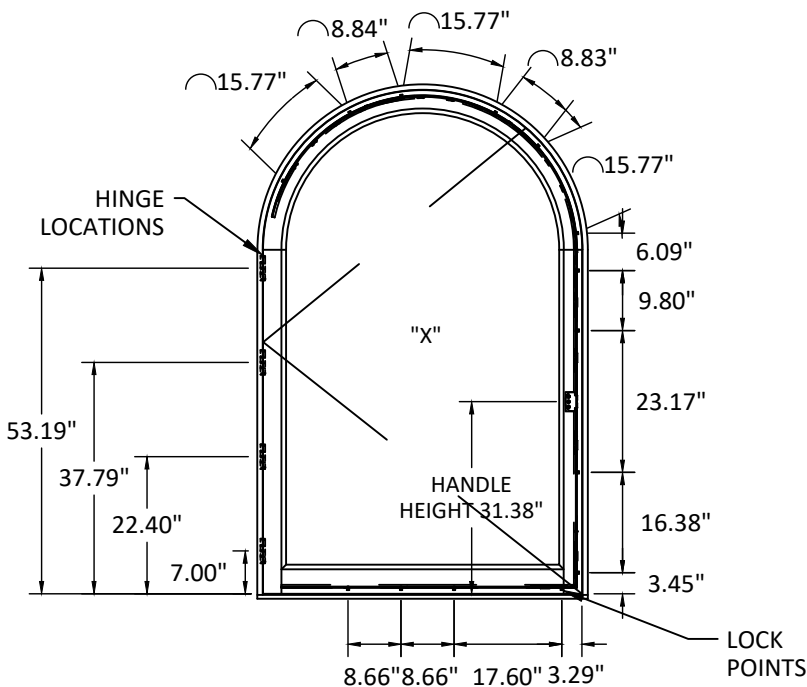
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SCALE:	NTS
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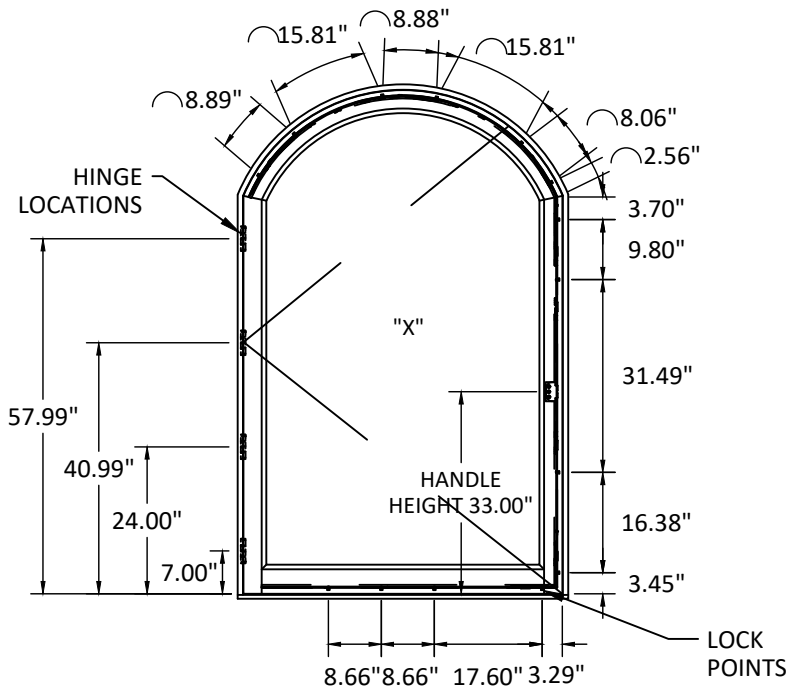
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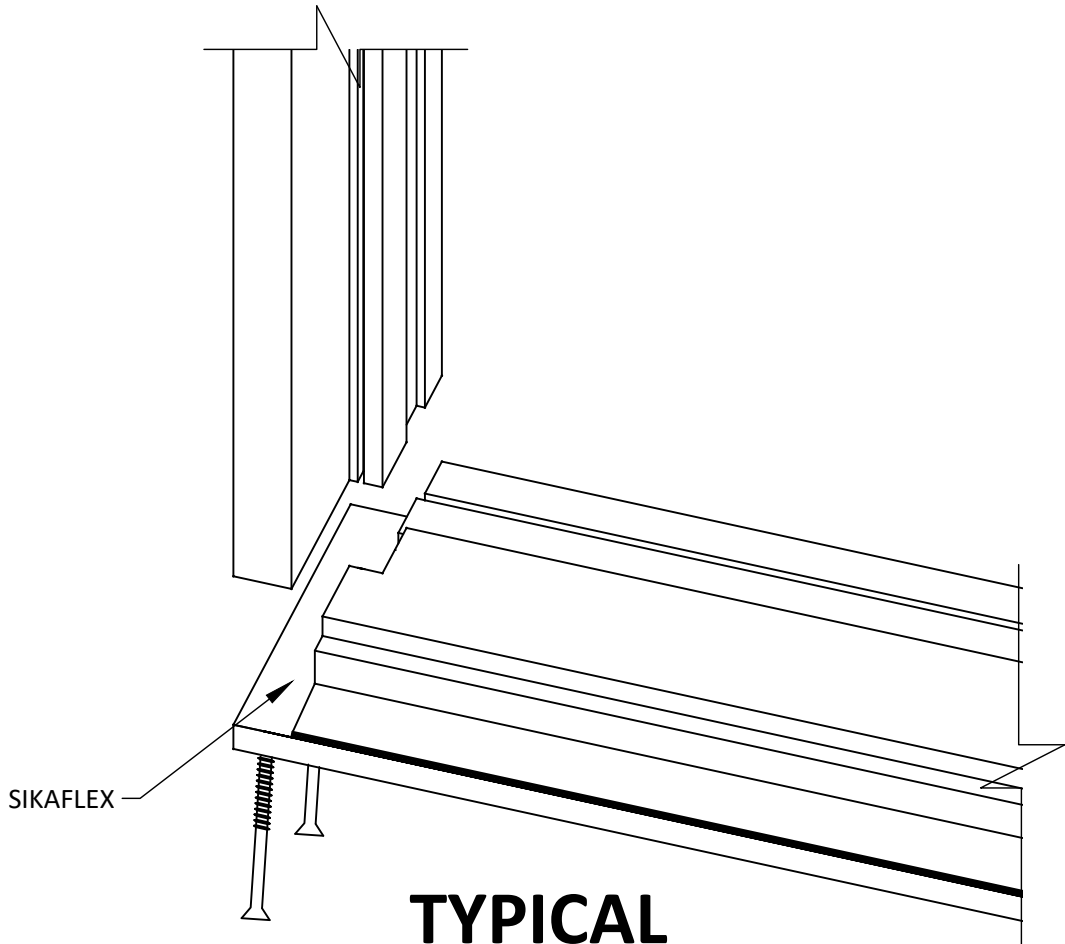
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LAYOUT



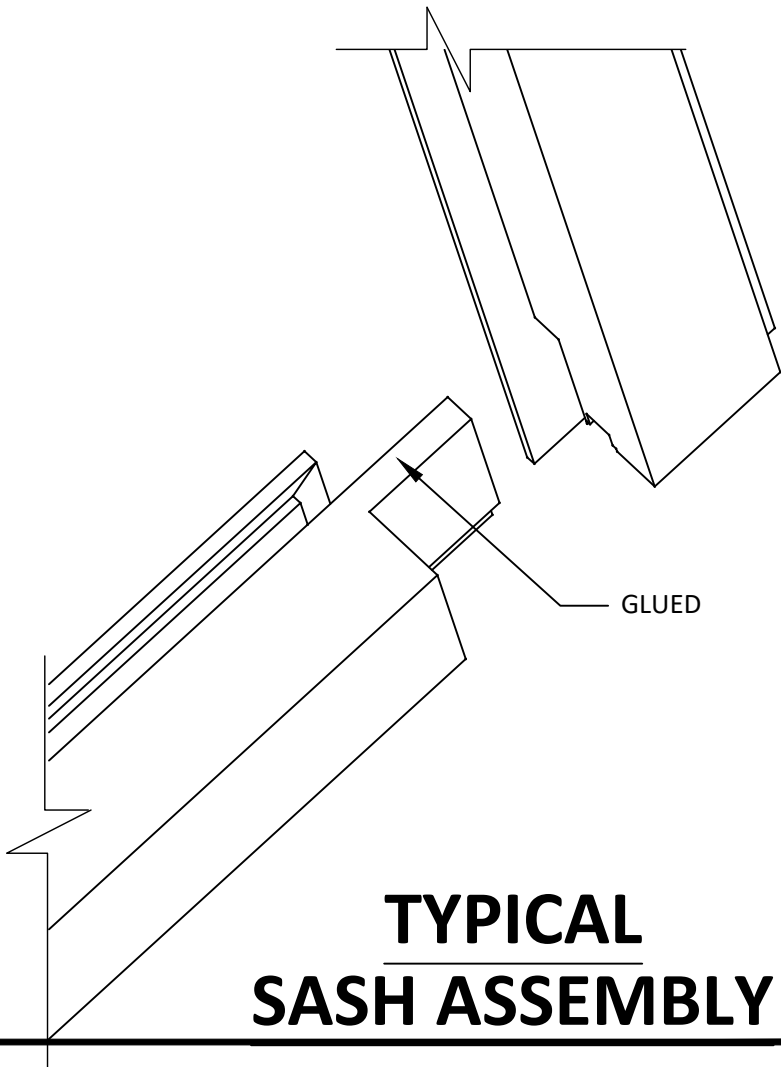
HINGE & LOCK POINT
LAYOUT



HINGE & LOCK POINT
LAYOUT



TYPICAL
JAMB ASSEMBLY



TYPICAL
SASH ASSEMBLY



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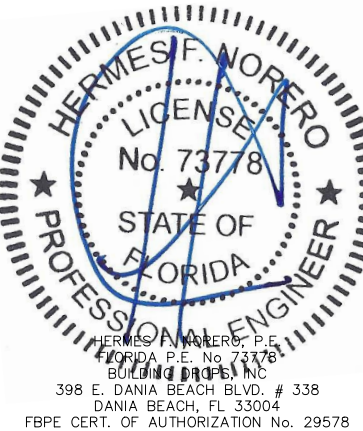
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HARDWARE LOCATIONS AND
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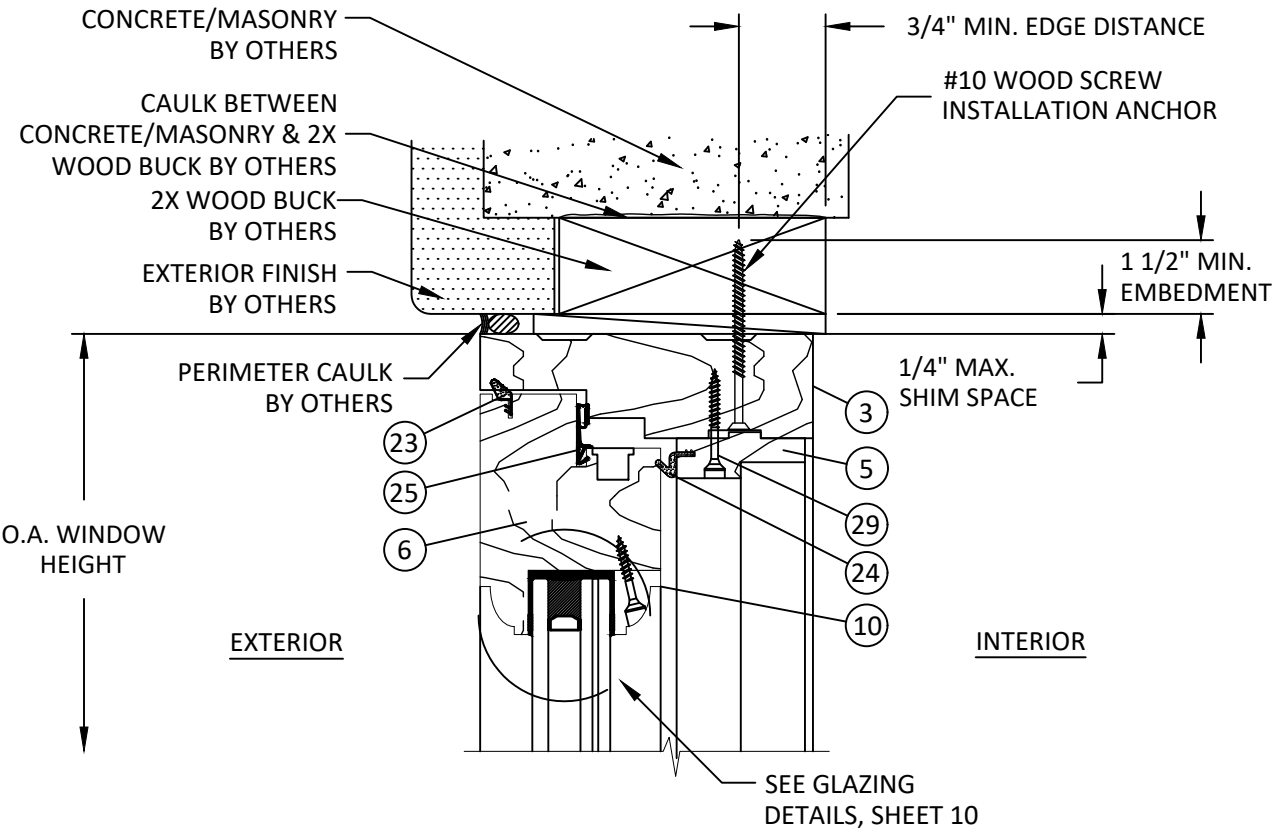
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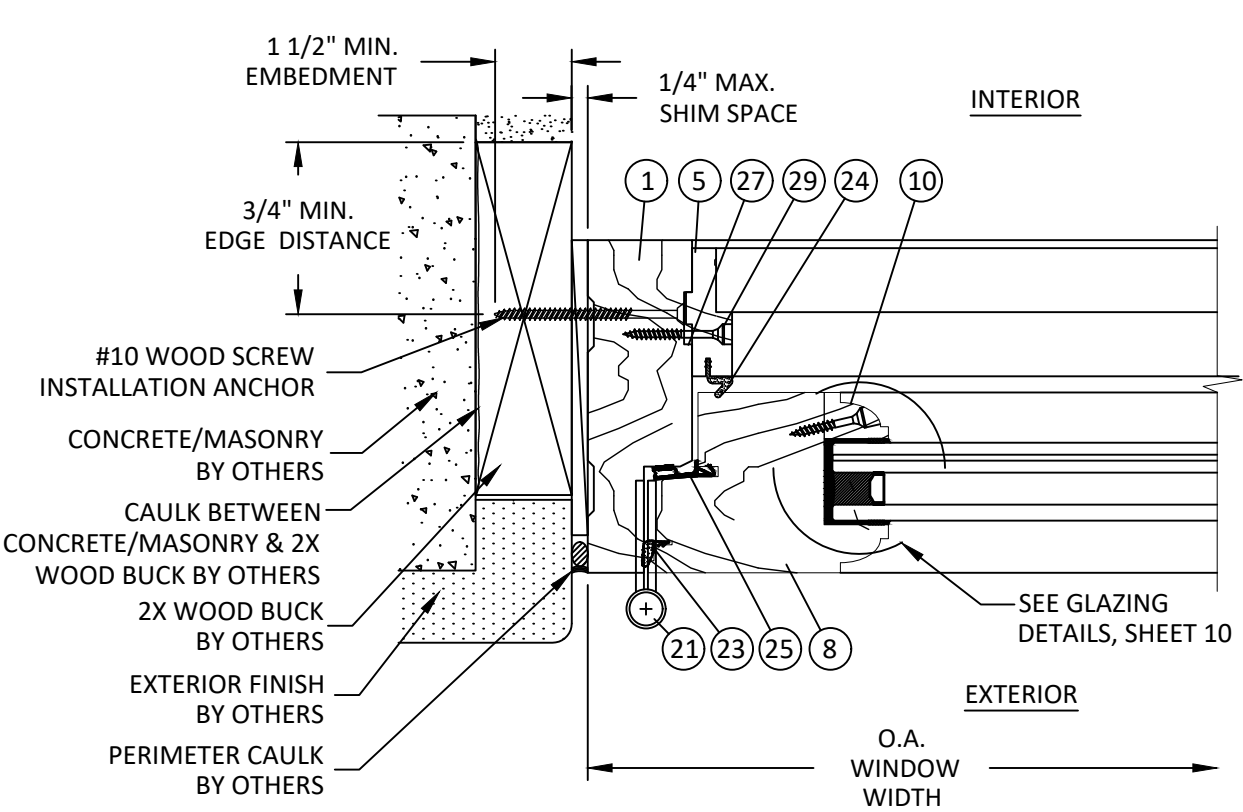
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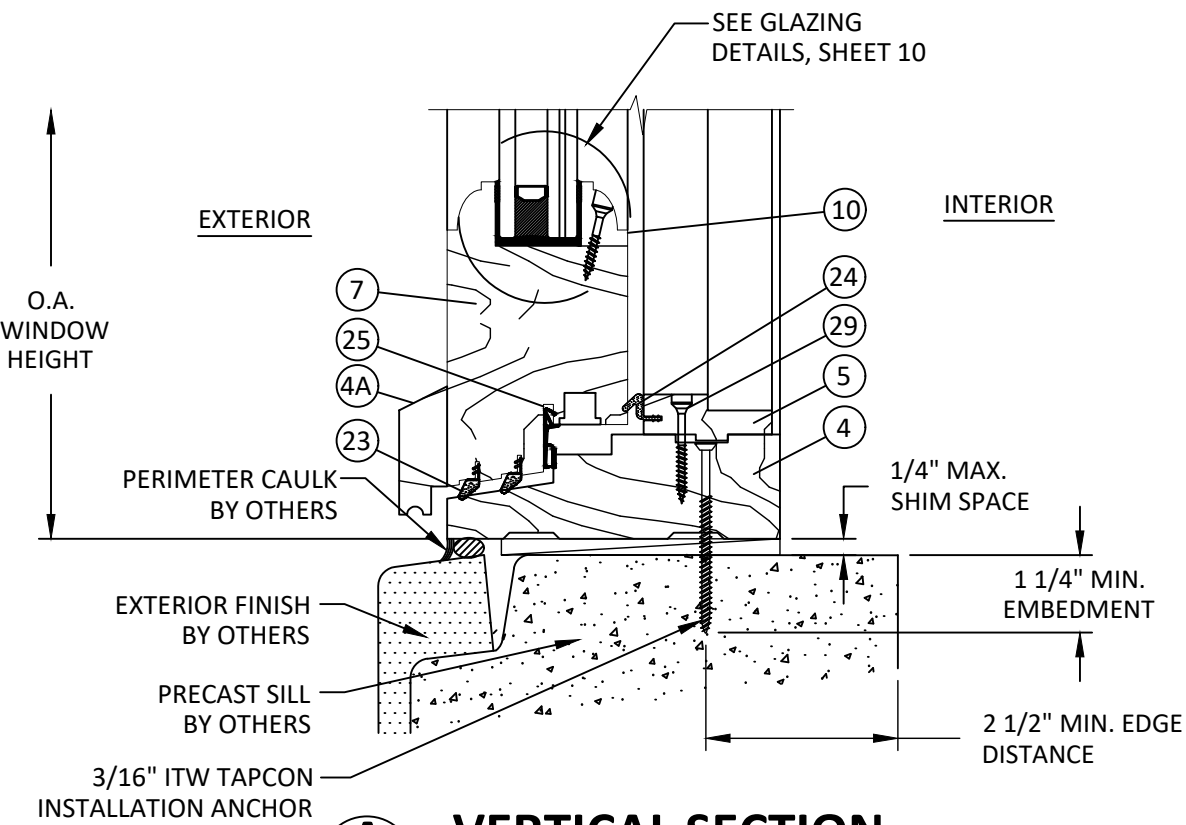
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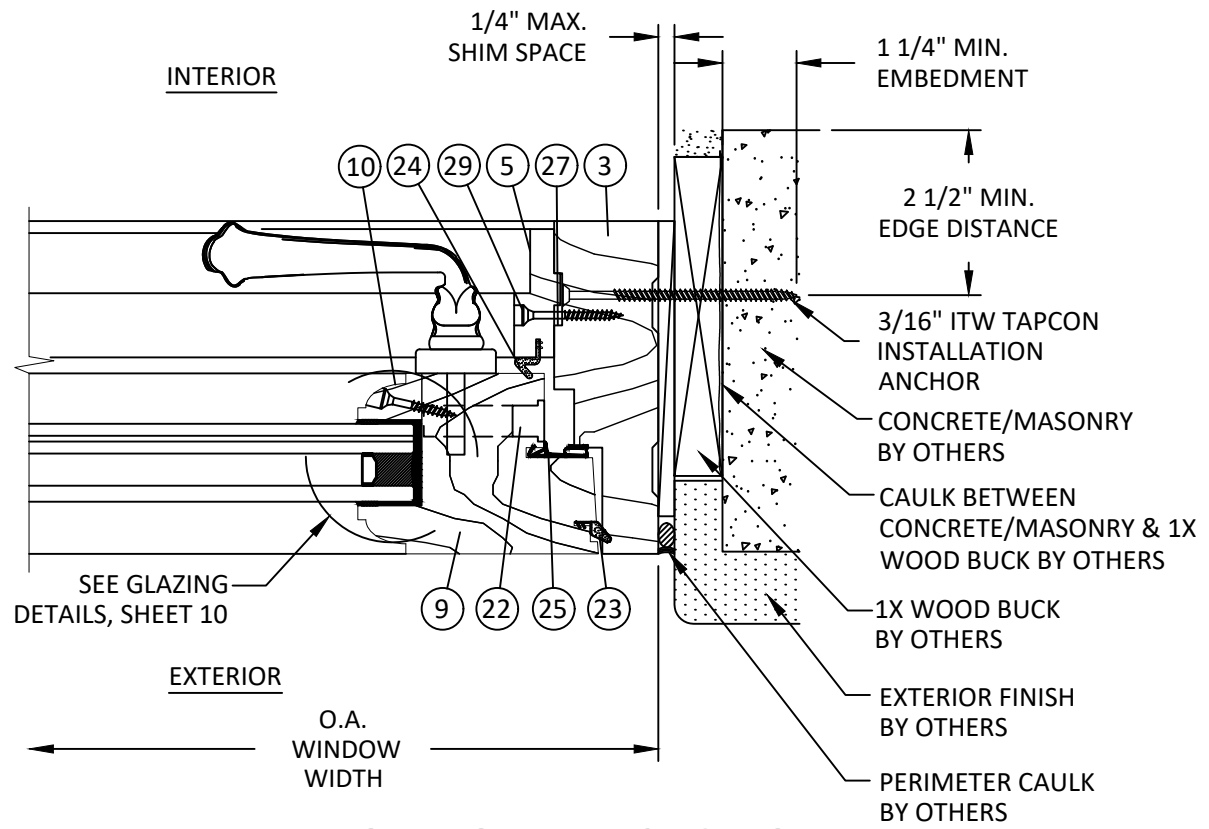
B
4 **VERTICAL SECTION**
HEAD - 2X WOOD BUCK
WE SASH PROFILE



C
4 **HORIZONTAL SECTION**
JAMB - 2X WOOD BUCK
WE SASH PROFILE



A
4 **VERTICAL SECTION**
SILL - CONCRETE/MASONRY
PRE-CAST SILL - WE SASH PROFILE



D
4 **HORIZONTAL SECTION**
JAMB - CONCRETE/MASONRY
WE SASH PROFILE



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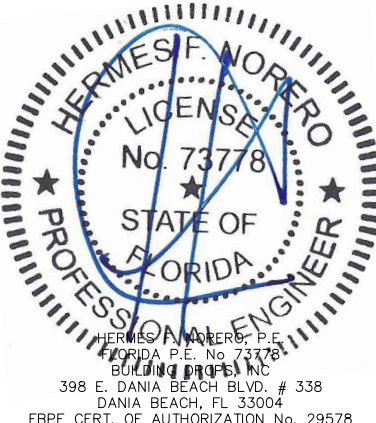
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CROSS SECTIONS WITH
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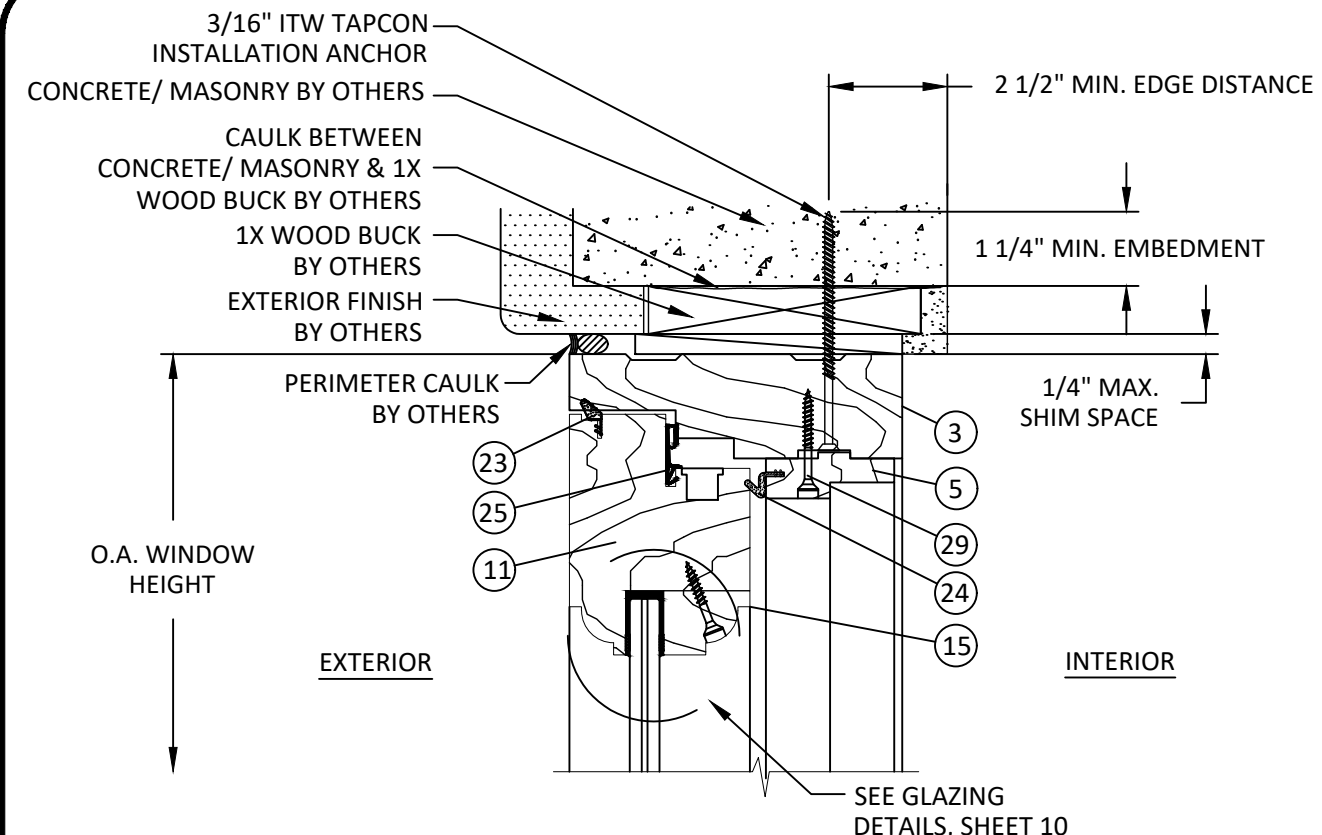
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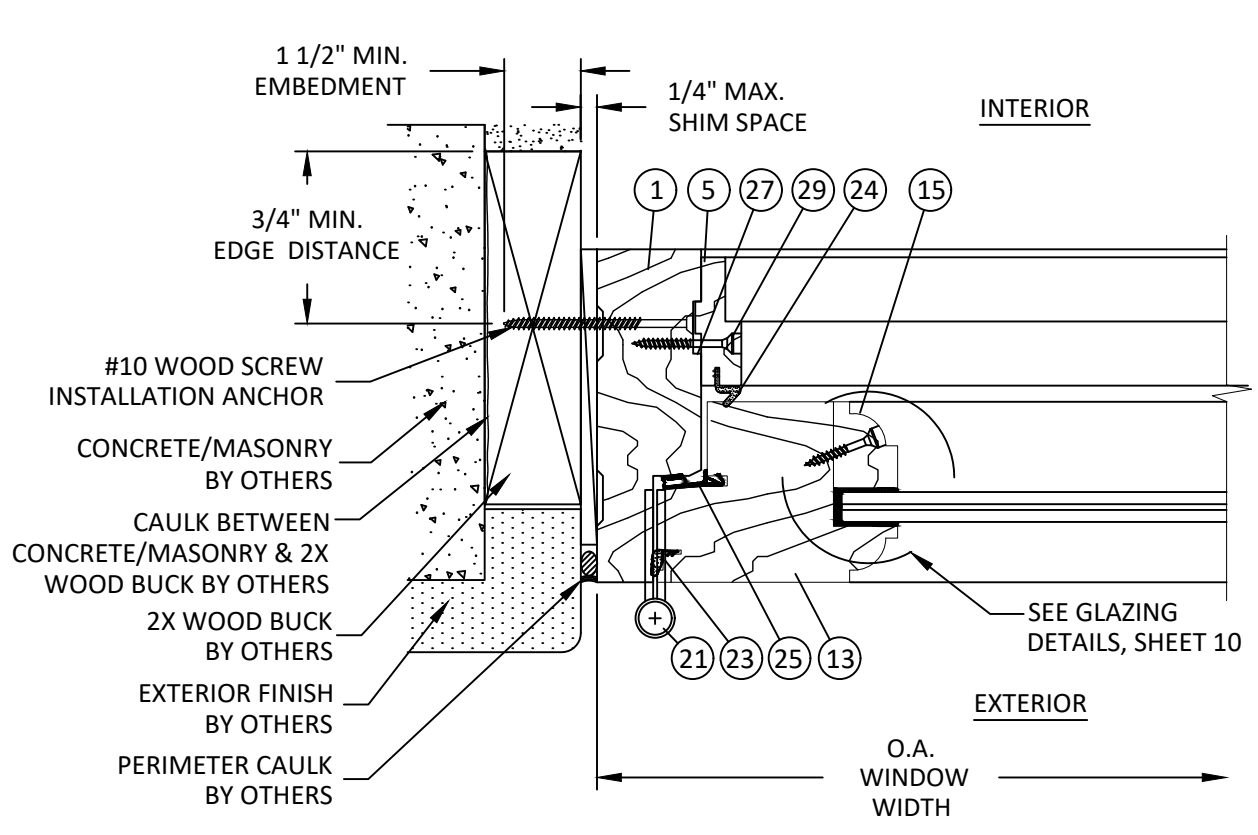
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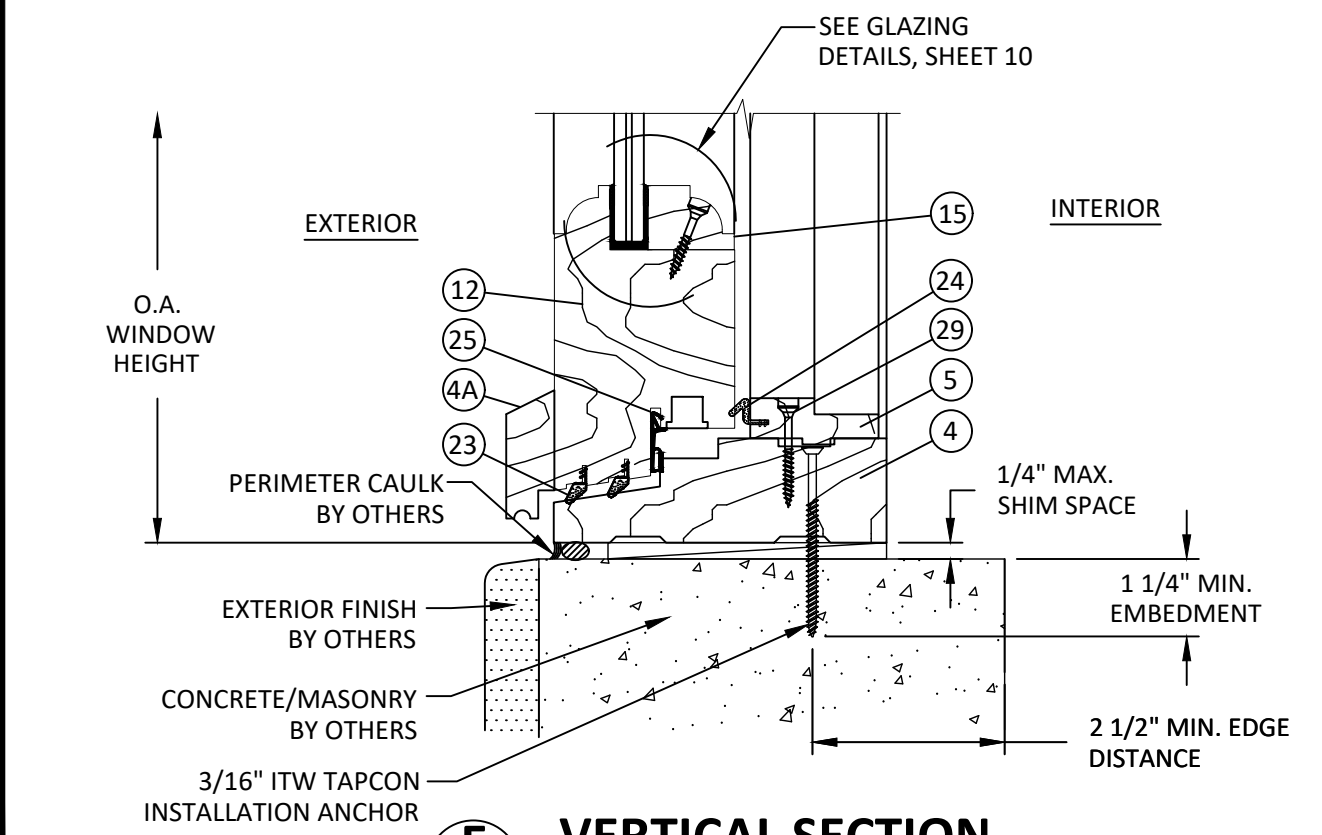
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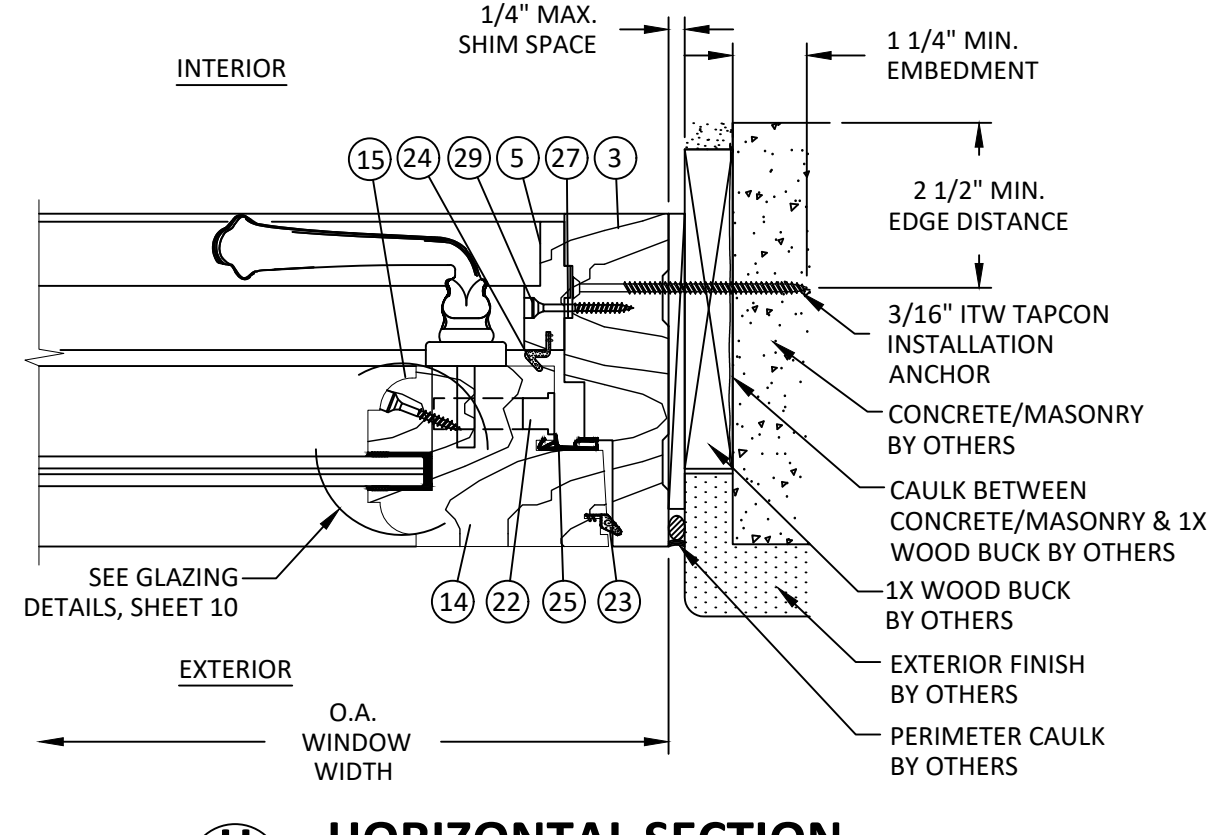
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5 **VERTICAL SECTION**
HEAD - CONCRETE/MASONRY
WF SASH PROFILE



G
5 **HORIZONTAL SECTION**
JAMB - 2X WOOD BUCK
WF SASH PROFILE



E
5 **VERTICAL SECTION**
SILL - CONCRETE/MASONRY
WF SASH PROFILE



H
5 **HORIZONTAL SECTION**
JAMB - CONCRETE/MASONRY
WF SASH PROFILE



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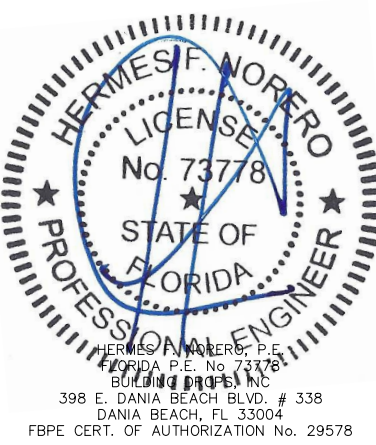
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CASEMENT WINDOWS
(HVHZ) (IMPACT)
CROSS SECTIONS WITH
"WF" SASH PROFILES

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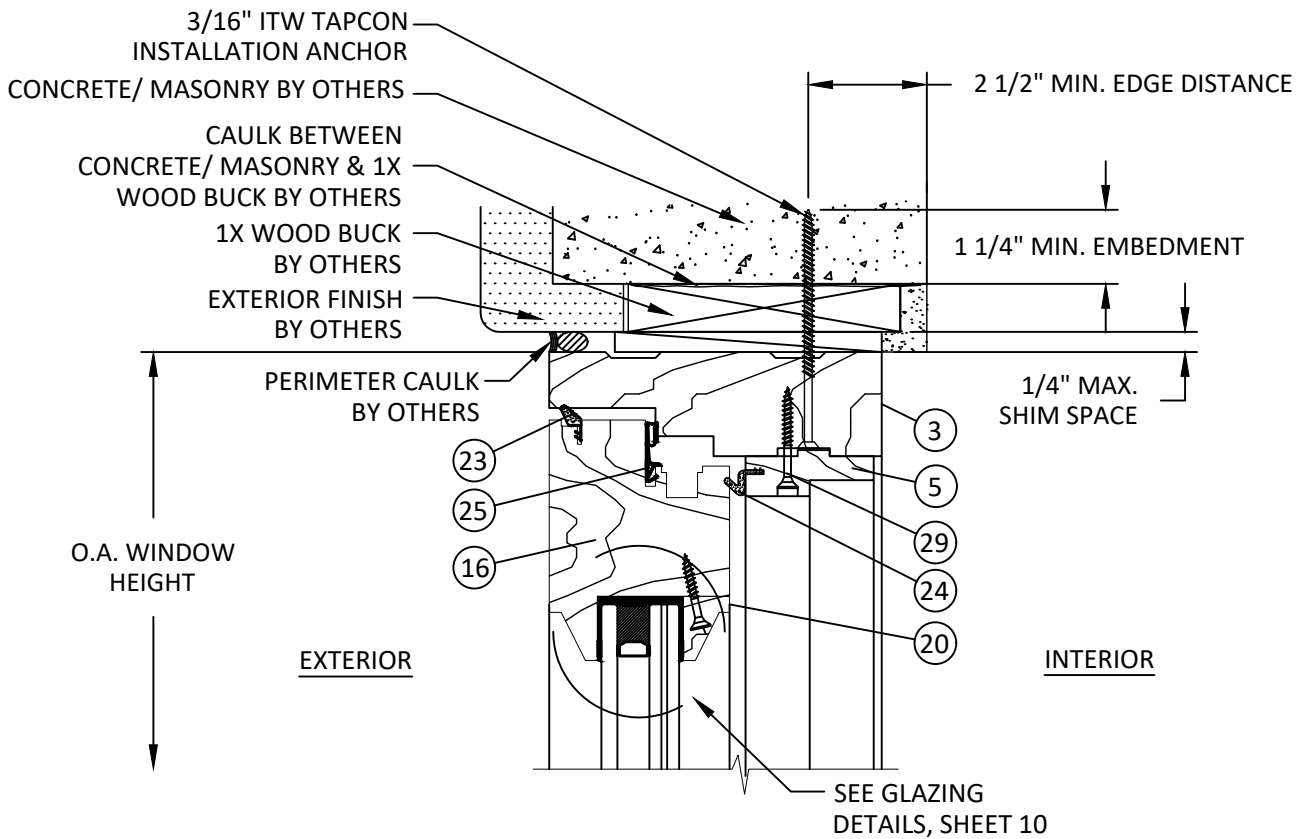
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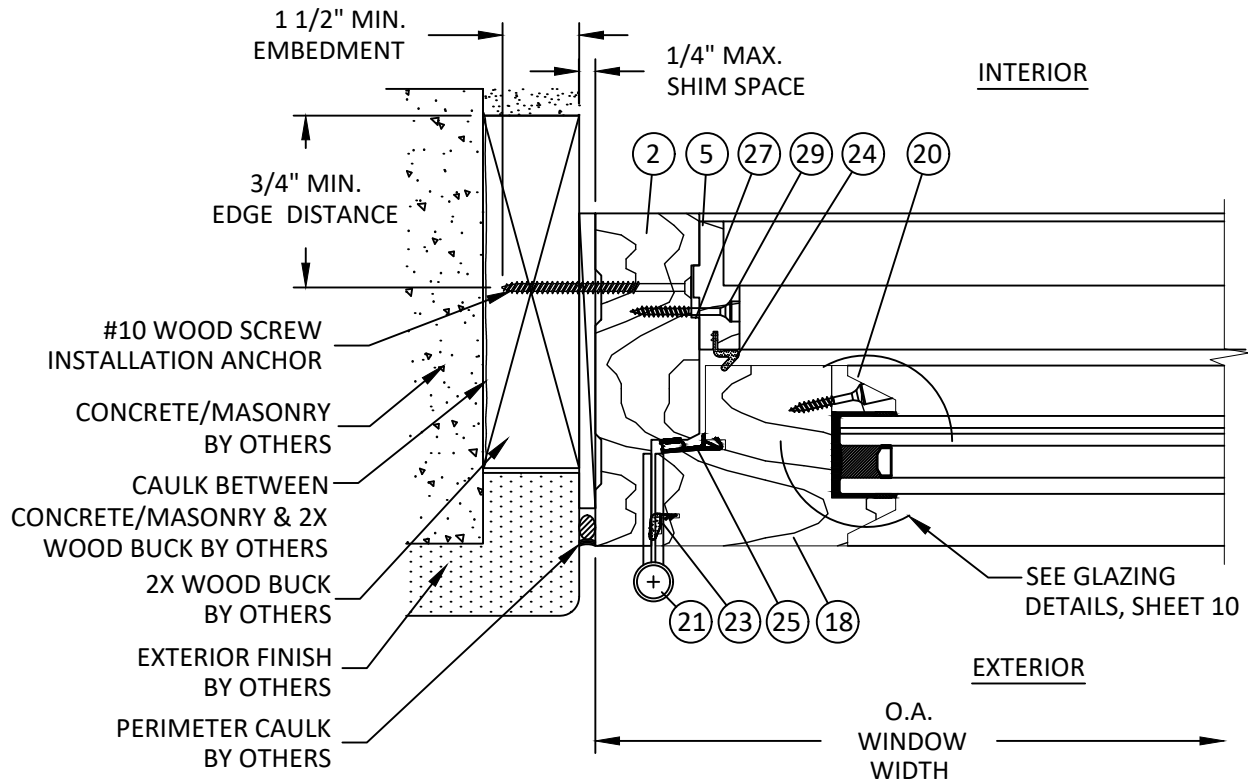


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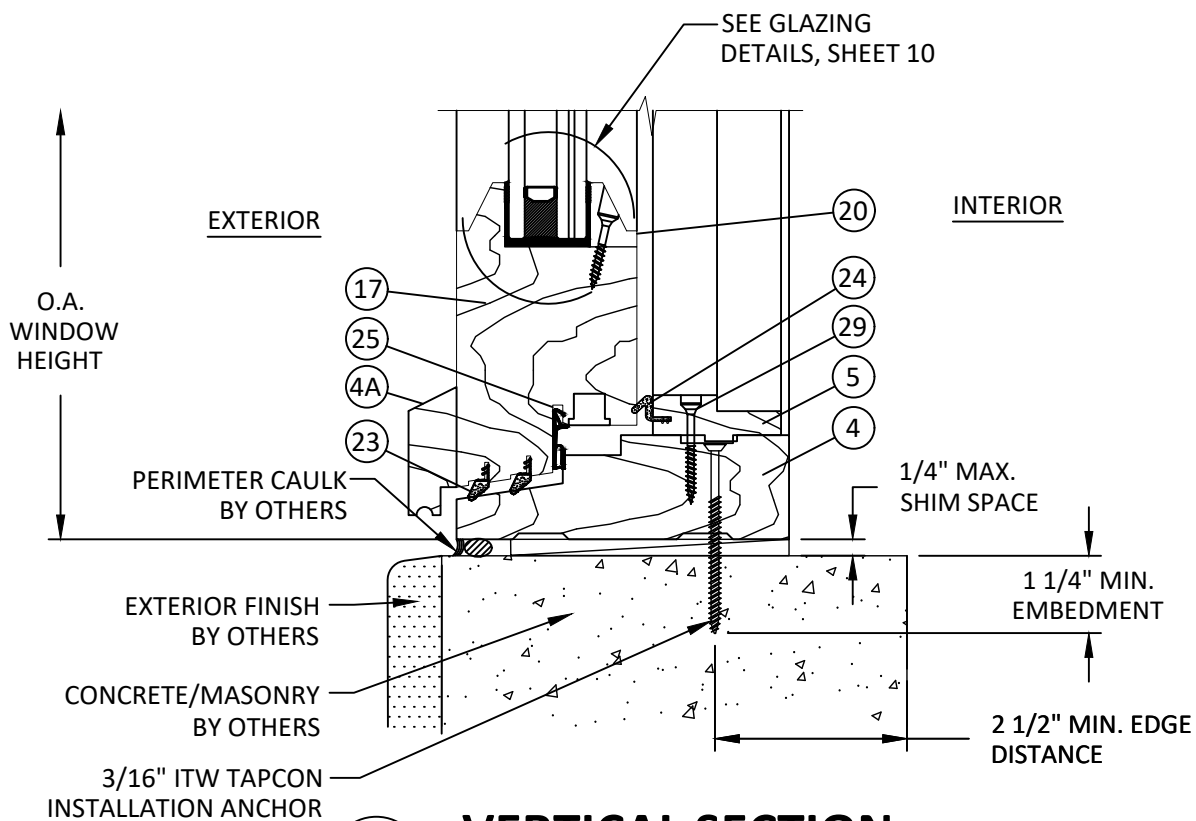
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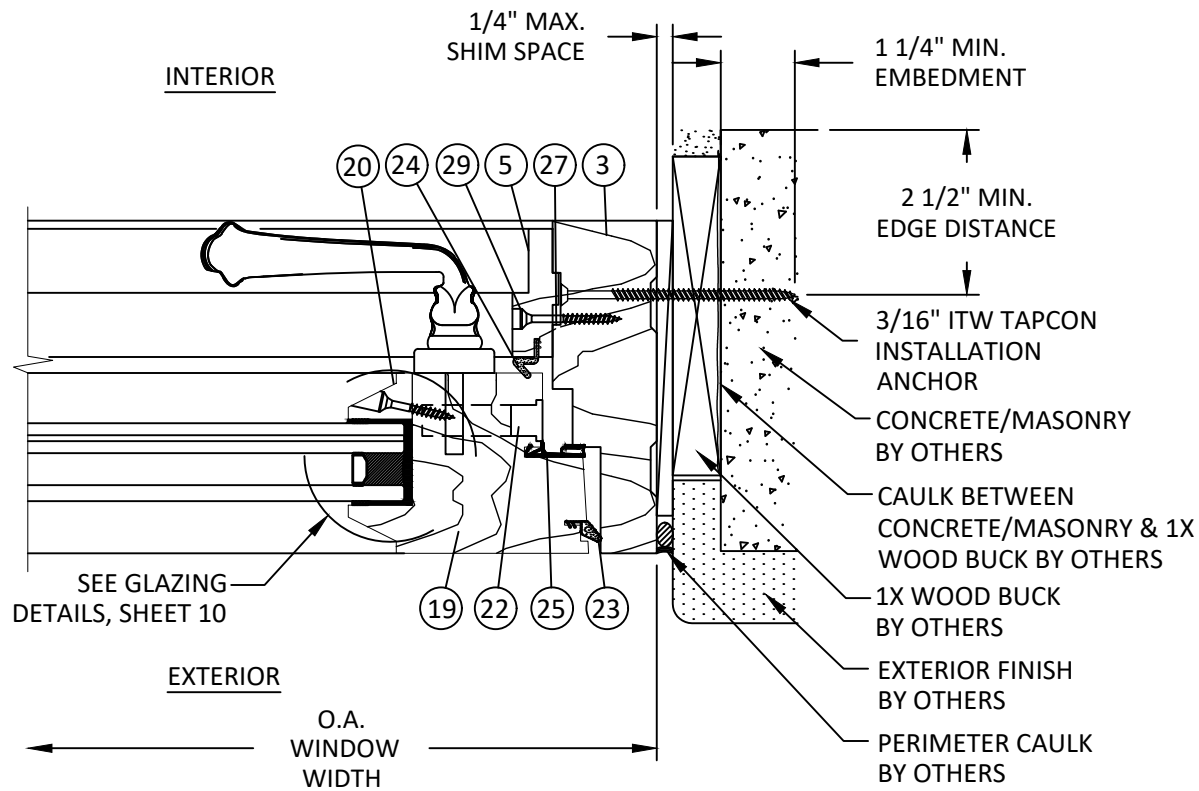
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HEAD - CONCRETE/MASONRY
WG SASH PROFILE



K
6 **HORIZONTAL SECTION**
JAMB - 2X WOOD BUCK
WG SASH PROFILE



I
6 **VERTICAL SECTION**
SILL - CONCRETE/MASONRY
WG SASH PROFILE



L
6 **HORIZONTAL SECTION**
JAMB - CONCRETE/MASONRY
WG SASH PROFILE



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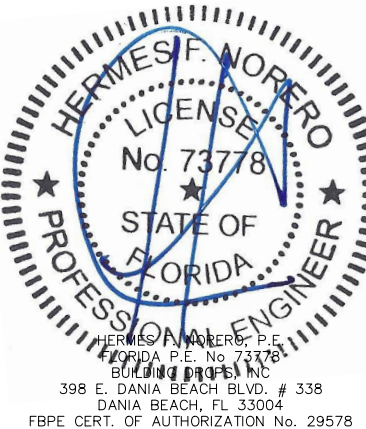
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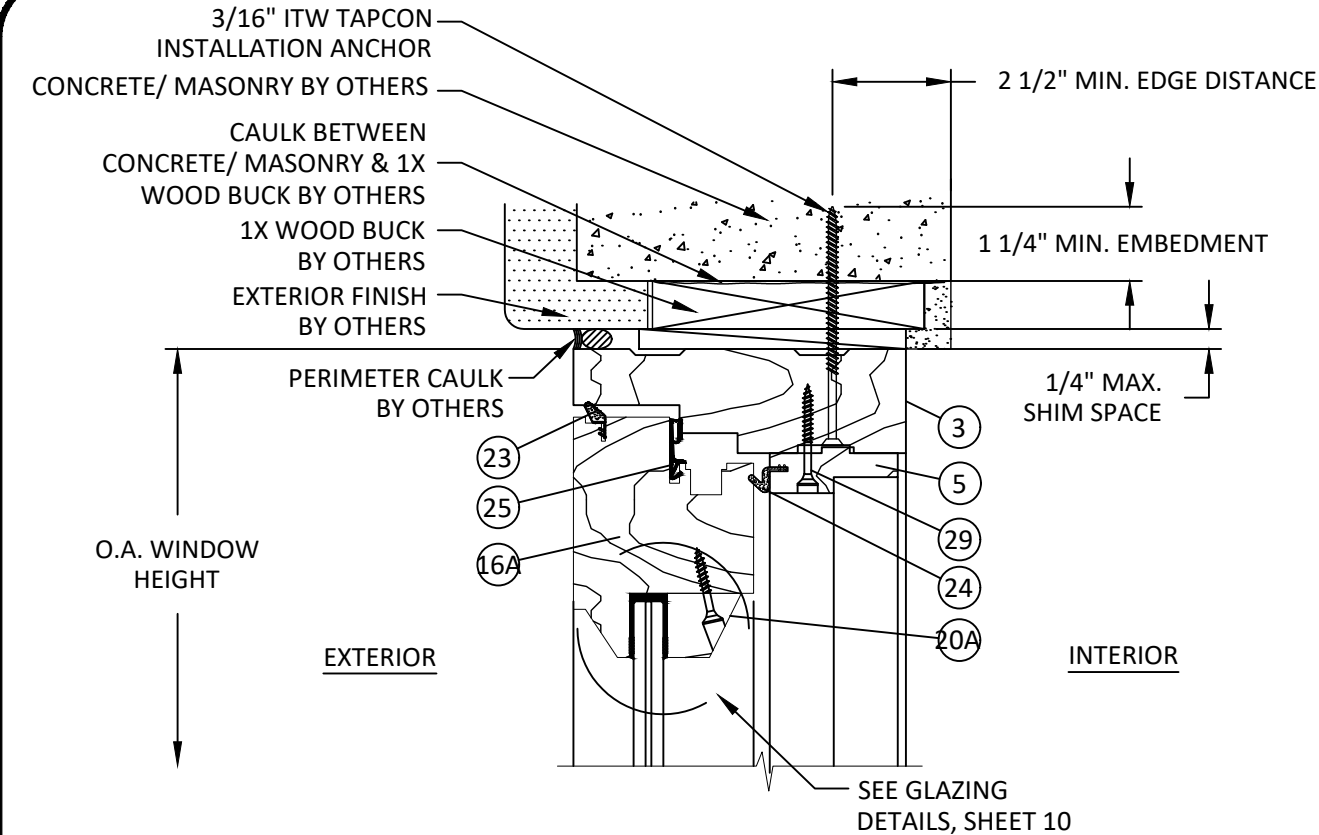
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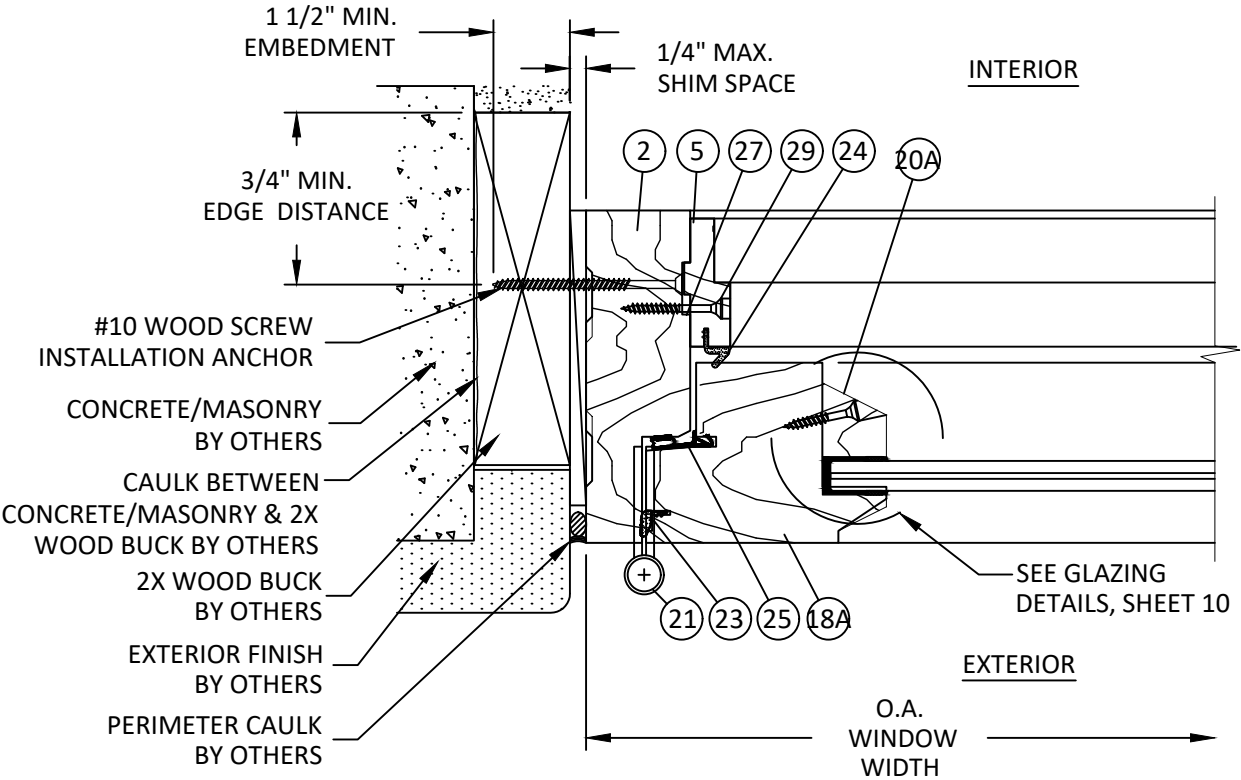
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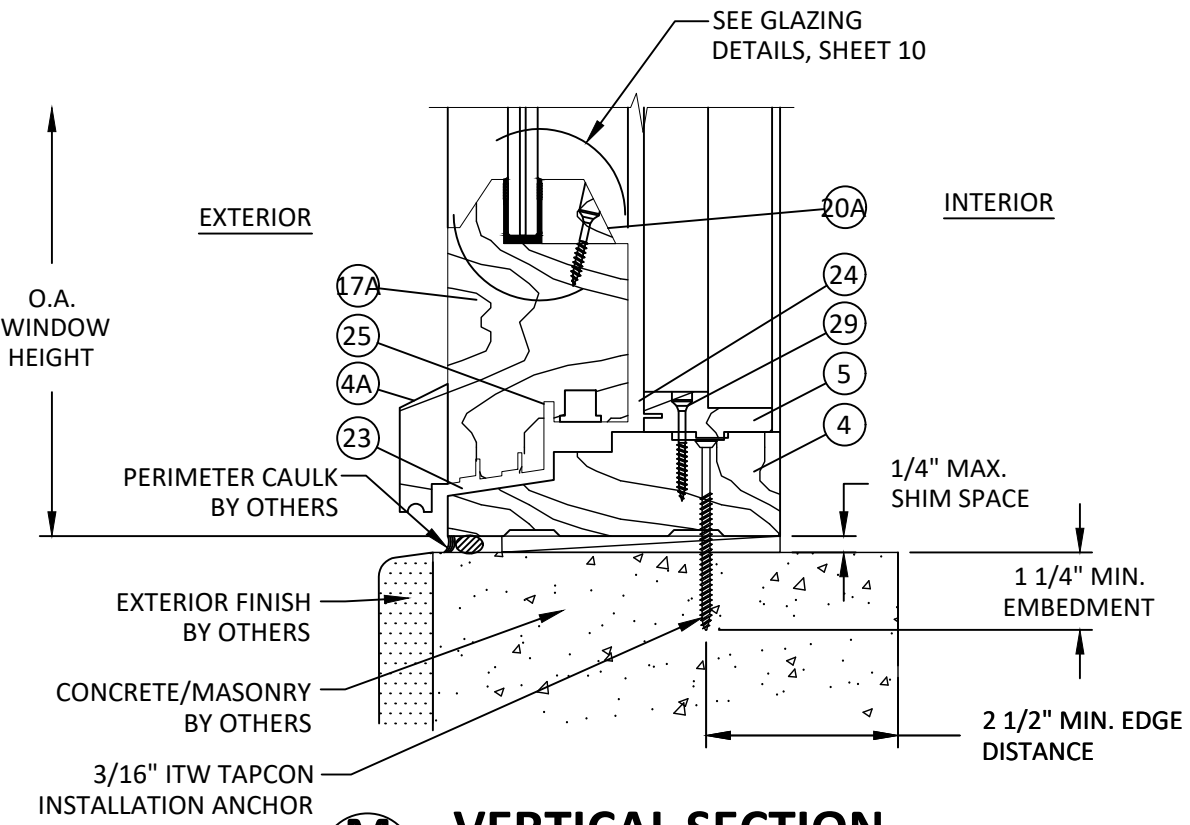
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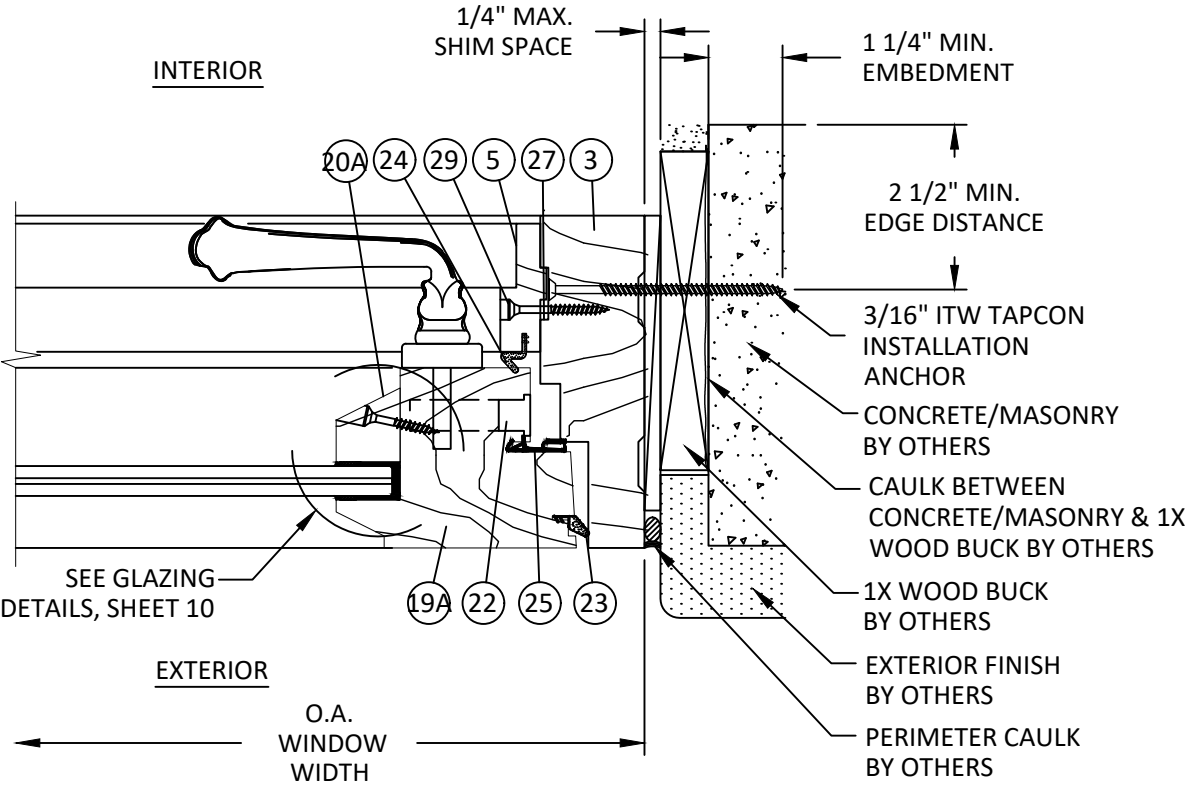
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HEAD - CONCRETE/MASONRY
WH SASH PROFILE



O
7 **HORIZONTAL SECTION**
JAMB - 2X WOOD BUCK
WH SASH PROFILE



M
7 **VERTICAL SECTION**
SILL - CONCRETE/MASONRY
WH SASH PROFILE



P
7 **HORIZONTAL SECTION**
JAMB - CONCRETE/MASONRY
WH SASH PROFILE



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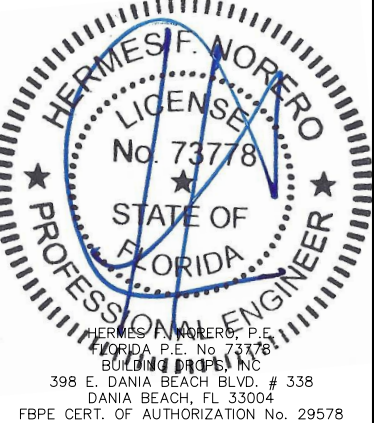
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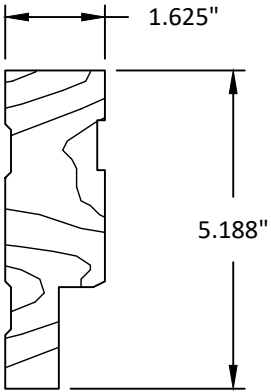


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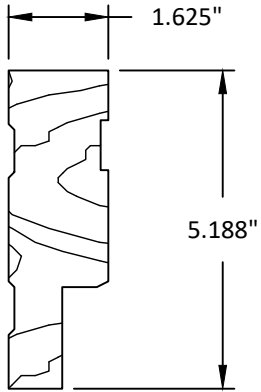
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ITEM #	PART #	ITEM DESCRIPTION	MANUFACTURER	MATERIAL
FRAME PARTS				
1	---	JAMB LEG HINGE SIDE	CAOBA	WOOD
2	---	JAMB LEG HINGE SIDE	CAOBA	WOOD
3	---	JAMB HEAD & LEG LOCK SIDE	CAOBA	WOOD
4	---	SILL	CAOBA	WOOD
4A	---	SILL DRIP	CAOBA	WOOD
5	---	SASH STOP	CAOBA	WOOD
SASH PARTS				
6	---	WE PROFILES { TOP RAIL BOTTOM RAIL STILE HINGE SIDE STILE LOCK SIDE GLASS STOP	CAOBA	WOOD
7	---		CAOBA	WOOD
8	---		CAOBA	WOOD
9	---		CAOBA	WOOD
10	---		CAOBA	WOOD
11	---	WF PROFILES { TOP RAIL BOTTOM RAIL STILE HINGE SIDE STILE LOCK SIDE GLASS STOP	CAOBA	WOOD
12	---		CAOBA	WOOD
13	---		CAOBA	WOOD
14	---		CAOBA	WOOD
15	---		CAOBA	WOOD
16	---	WG PROFILES { TOP RAIL BOTTOM RAIL STILE HINGE SIDE STILE LOCK SIDE GLASS STOP	CAOBA	WOOD
17	---		CAOBA	WOOD
18	---		CAOBA	WOOD
19	---		CAOBA	WOOD
20	---		CAOBA	WOOD
16A	---	WH PROFILES { TOP RAIL BOTTOM RAIL STILE HINGE SIDE STILE LOCK SIDE GLASS STOP	CAOBA	WOOD
17A	---		CAOBA	WOOD
18A	---		CAOBA	WOOD
19A	---		CAOBA	WOOD
20A	---		CAOBA	WOOD
HARDWARE				
21	SBBH44	4" x 4" SOLID EXTRUDED BRASS BALL BEARING HINGES	CAL ROYAL	BRASS
22	---	LOCK HARDWARE SYSTEM	SIEGENIA	E-LOOK
SEALS AND SEALANTS				
23	12407	.325 Kerf PS - Foam - Open Cell	AMESBURY TRUTH	FOAM
24	12464	.335 Kerf PS - Foam - Open Cell	AMESBURY TRUTH	FOAM
25	6988	WEATHER SEAL	UNIFORM	RUBBER / FOAM
26	SG-20	SIKASILL SILICONE SEALANT @ 3 SIDES	SIKA	SILICONE
27	201 US	SIKAFLEX 201 US	FRANKLIN	SILICONE
28	AWT3	1/16" X 1/4" GLAZING TAPE	ARLON	GLAZING TAPE
MISC. FASTENERS				
29	---	4mm x 40mm FH CS, CROSS RECESS Z (for sash stops)	SPAX	ZINC YELLOW
30	---	4mm x 30mm FH CS, CROSS RECESS Z (for glass mouldings)	SPAX	ZINC YELLOW
31	---	4mm x 60mm FH CS, CROSS RECESS Z (for frame assembly)	SPAX	ZINC YELLOW
32	---	3.5mm x 20mm FLAT CS HEAD, CROSS RECESS Z (for reinforcements at arch frames)	SPAX	ZINC YELLOW

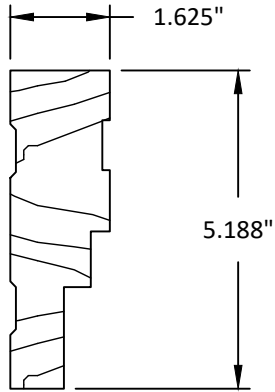
1 JAMB LEG HINGE SIDE WOOD



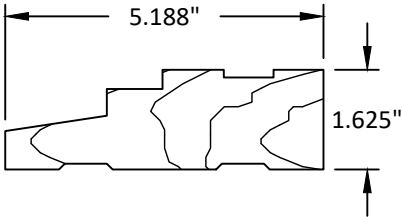
2 JAMB LEG HINGE SIDE WOOD



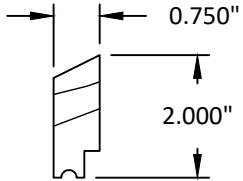
3 JAMB HEAD & LEG LOCK SIDE WOOD



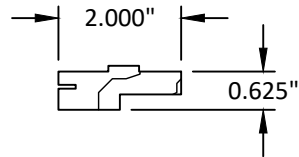
4 SILL WOOD



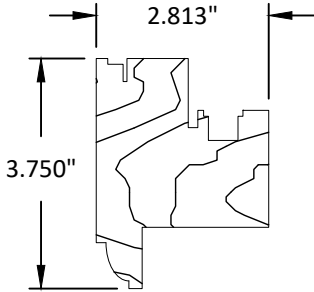
4A SILL DRIP WOOD (OPTIONAL)



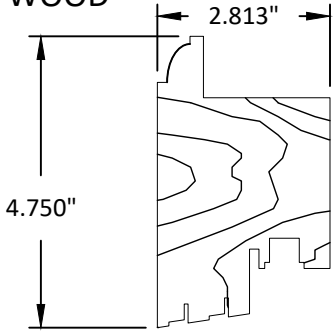
5 SASH STOP WOOD



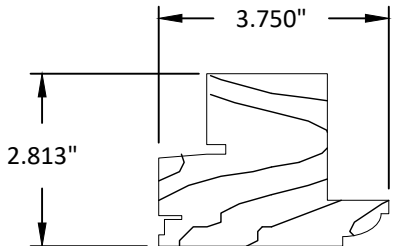
6 WE PROFILE TOP RAIL WOOD



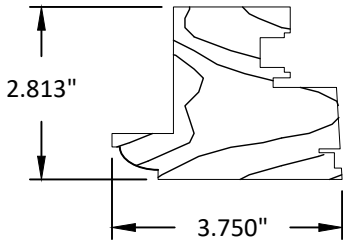
7 WE PROFILE BOTTOM RAIL WOOD



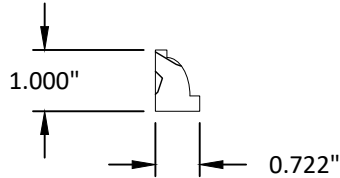
8 WE PROFILE HINGE SIDE STILE WOOD



9 WE PROFILE LOCK SIDE STILE WOOD



10 WE PROFILE GLASS STOP WOOD



caoba®
DOORS

4918 CEDAR AVENUE
PHILADELPHIA, PA 19143

PH: (215) 525-5048 FX: (215) 747-8908

TITLE:
MAHOAGNY OUTSWING SINGLE
CASEMENT WINDOWS
(HVHZ) (IMPACT)

COMPONENTS & BILL OF MATERIALS

PREPARED BY:

BUILDING DROPS, INC.

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

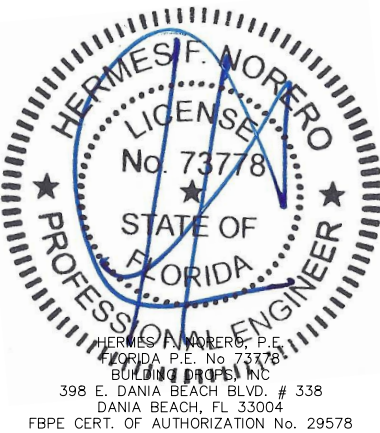
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REMARKS	BY	DATE

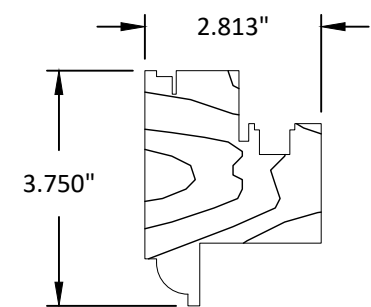
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DWG. BY:	RV
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	CAB025
SHEET:	8

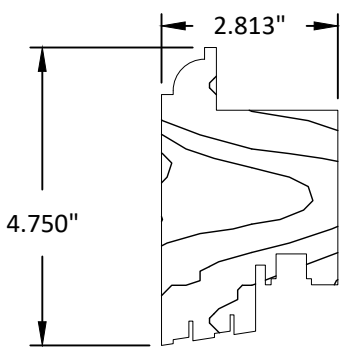
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WF PROFILE TOP RAIL
WOOD



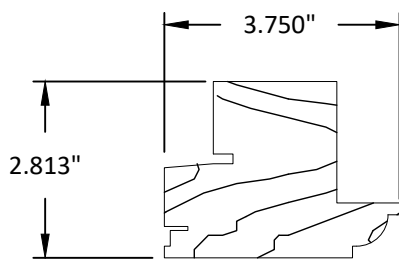
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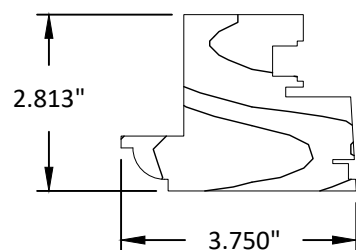
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WF PROFILE HINGE SIDE STILE
WOOD



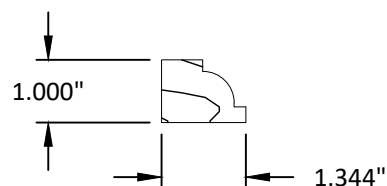
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WF PROFILE LOCK SIDE STILE
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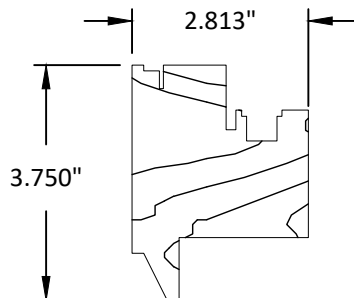
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WF PROFILE GLASS STOP
WOOD



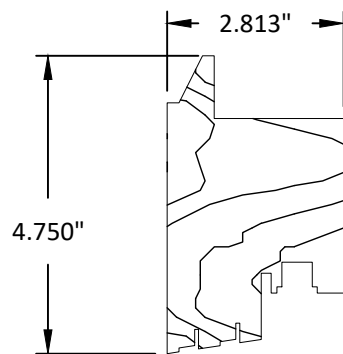
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WOOD



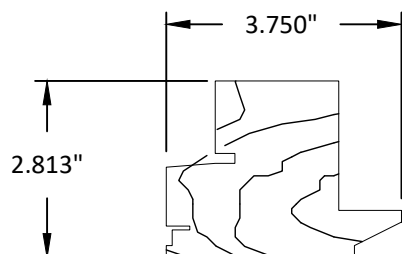
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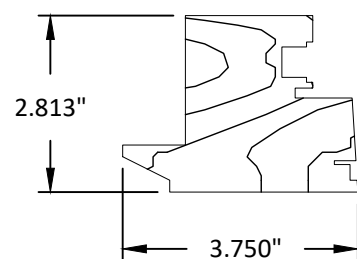
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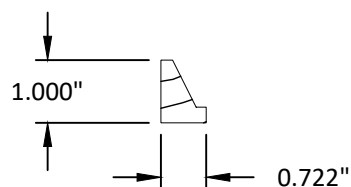
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WG PROFILE LOCK SIDE STILE
WOOD



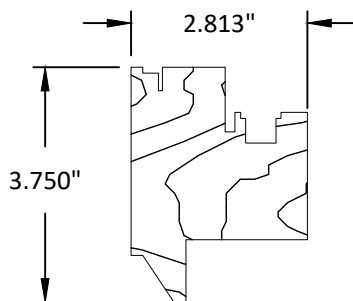
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WOOD



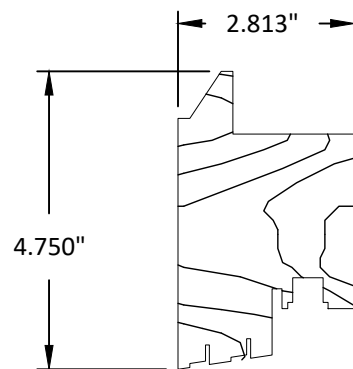
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WH PROFILE TOP RAIL
WOOD



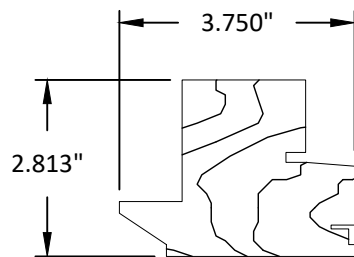
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WH PROFILE BOTTOM RAIL
WOOD



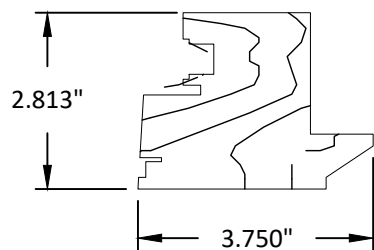
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WH PROFILE HINGE SIDE STILE
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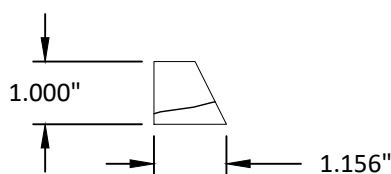
19A

WH PROFILE LOCK SIDE STILE
WOOD



20A

WH PROFILE GLASS STOP
WOOD



caoba
DOORS

4918 CEDAR AVENUE
PHILADELPHIA, PA 19143

PH: (215) 525-5048 FX: (215) 747-8908

TITLE:
MAHOGANY OUTSWING SINGLE
CASEMENT WINDOWS
(HVHZ) (IMPACT)

COMPONENTS

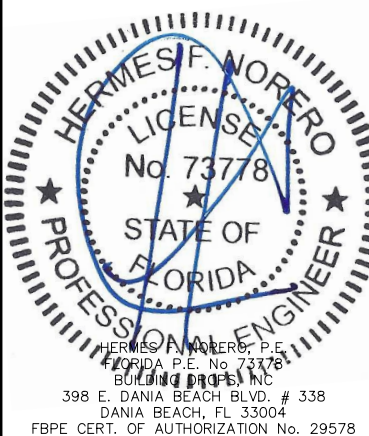
PREPARED BY:

BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
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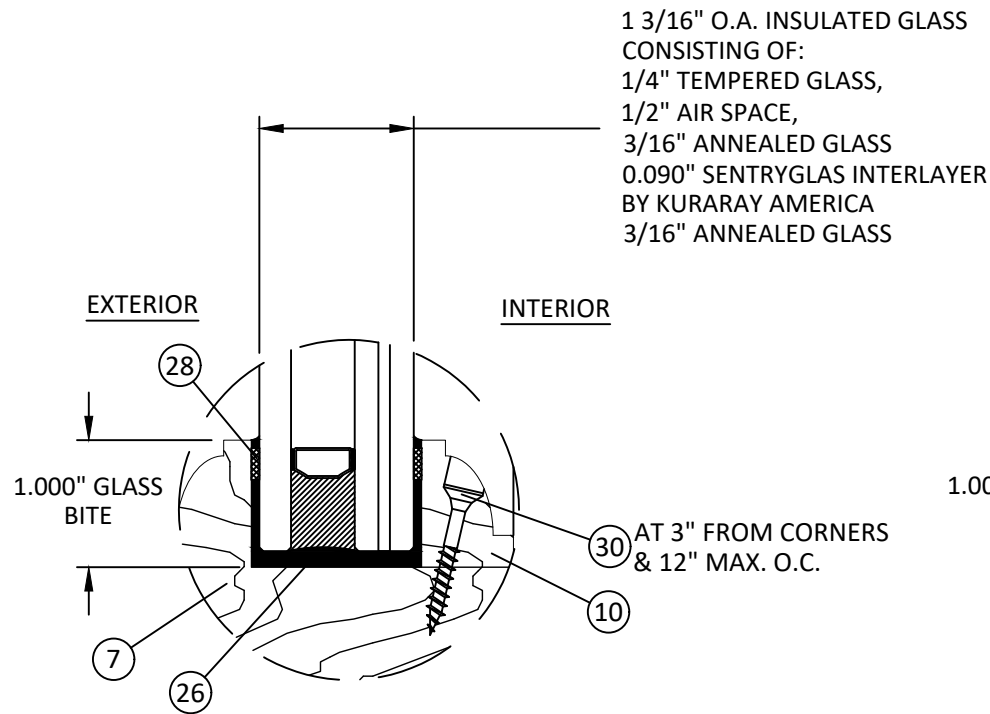
REMARKS	BY	DATE

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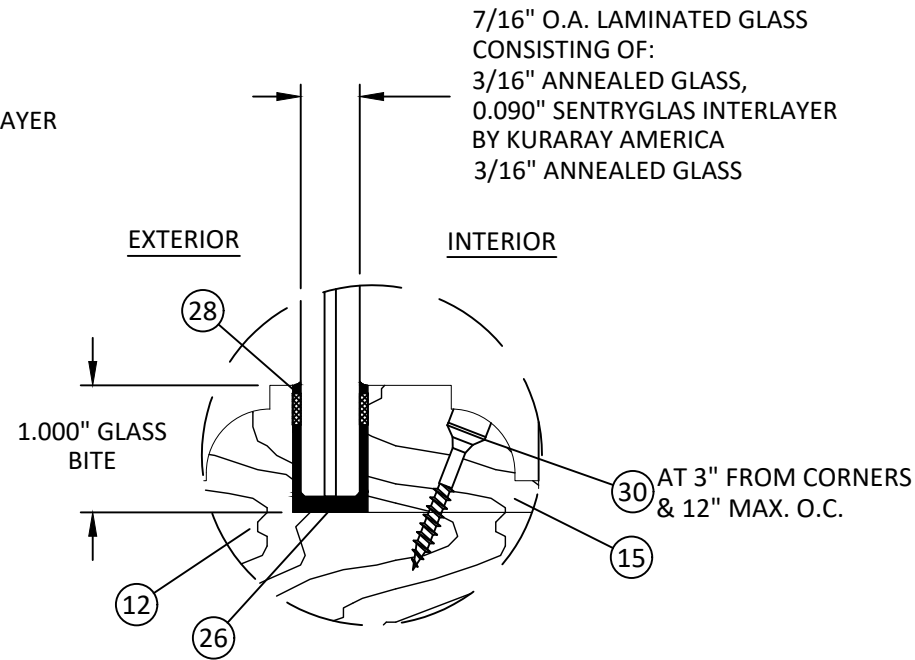


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SHEET:	9

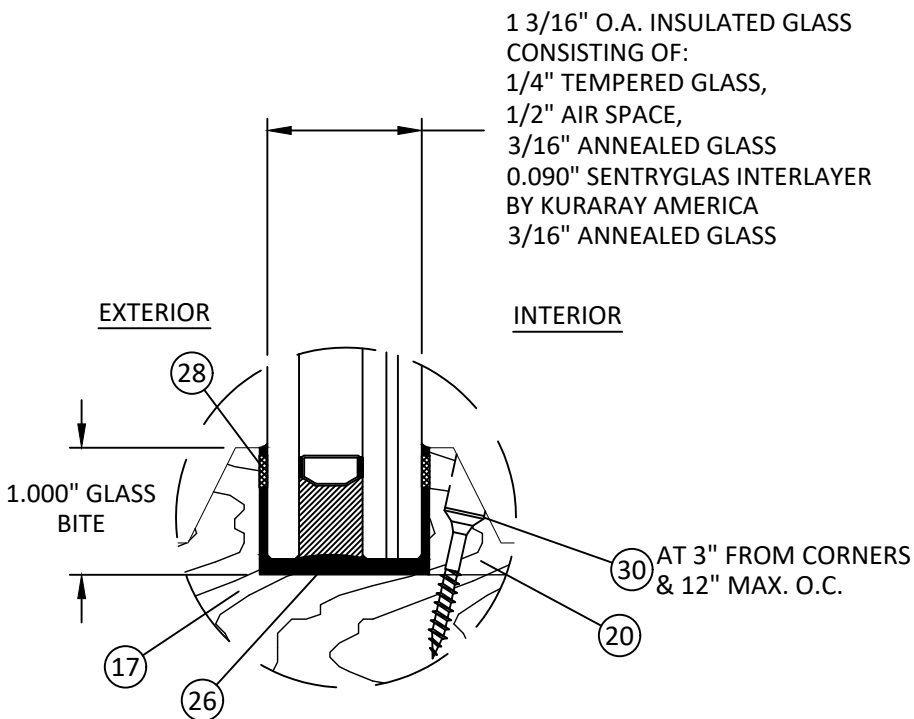
s:\projects\caoba doors\cc-20-0904 fbc 2020 (version 7) code change (dwgs)\14297\outswing single casement window - wood fl 14297 cab 025.dwg 12/21/2020 5:59 PM



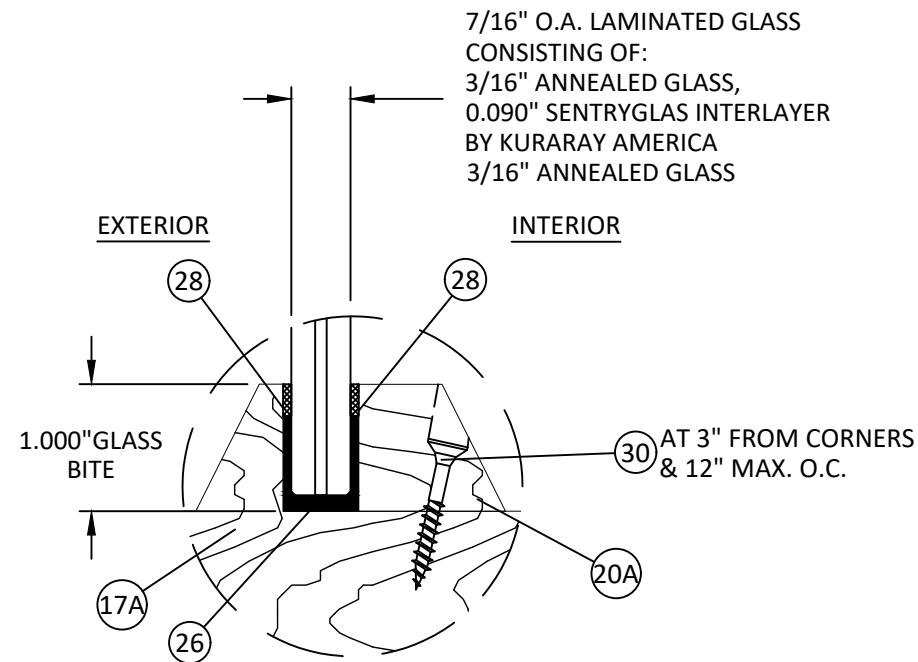
GLAZING DETAIL WE
FOR USE WITH "WE" SASH PROFILE



GLAZING DETAIL WF
FOR USE WITH "WF" SASH PROFILE



GLAZING DETAIL WG
FOR USE WITH "WG" SASH PROFILE



GLAZING DETAIL WH
FOR USE WITH "WH" SASH PROFILE

NOTE:

- GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300 (3 SEC. GUSTS) AND CHAPTER 17 OF THE CURRENT FBC FOR SIZES OTHER THAN TESTED.
- SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN CHAPTER 24.
- SETING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER CHAPTER 24.
- D.L.O. MAY NOT EXCEED MAX DIMENSIONS IN GLASS CHARTS FOR GLASS TYPE.



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(HVHZ) (IMPACT)

GLAZING DETAILS

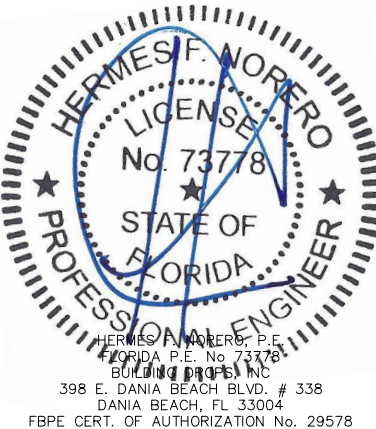
PREPARED BY:
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DATE: **11.05.20**

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SCALE: **NTS**

DWG. #: **CAB025**

SHEET:

10

OF 10