

CAOBA DOORS

10' GLAZED OUTSWING DOOR

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 $\pm 1/4$ 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 #12 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 WITH 2 1/2" MIN. EDGE DISTANCE AND 3" MIN. SPACING BETWEEN ANCHORS.
- 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 OR 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.
 - HOLLOW CMU - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER). MIN. $f'c$ = 1500 PSI.
 - GROUT FILLED CMU - STRENGTH CONFORMANCE TO ASTM C-90, GROUT CONFORMS TO ASTM C-476, MIN f_c =2000 PSI.

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 TO BE REVIEWED BY BUILDING OFFICIAL OR AHJ.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE
- IN ACCORDANCE WITH THE FBC, WOOD COMPONENTS SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES.
- DOOR FRAME MATERIAL: SOLID MAHOGANY
S.G.=0.42
E=1100 KSI
- GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 3 FOR GLAZING DETAIL.

TABLE OF CONTENTS		
SHEET	REVISION	SHEET DESCRIPTION
1	A	INSTALLATION & GENERAL NOTES
2	-	ELEVATION AND ANCHOR LAYOUT
3	-	VERTICAL SECTIONS & GLAZING DETAILS
4	-	HORIZONTAL SECTIONS
5	-	COMPONENTS
6	-	BILL OF MATERIAL & COMPONENTS
7	-	CORNER ASSEMBLIES

DESIGN PRESSURE RATING		
DESIGN PRESSURE - ALL SIZES		MISSILE IMPACT RATING
+65/- 60 PSF	W/ WATER INFILTRATION REQUIRED	LARGE AND SMALL MISSILE IMPACT RATED



4918 CEDAR AVE
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TITLE: 10' GLAZED O/S DOOR
INSTALLATION &
GENERAL NOTES

PREPARED BY:
BUILDING DROPS
398 E. DANIA BEACH BLVD., # 338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

REVISIONS		DESCRIPTION	BY	DATE
		NO.		
		A	5TH EDITION FBC UPDATES	4.27.15



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DWG #:
CAB015

SHEET: **1 OF 7**

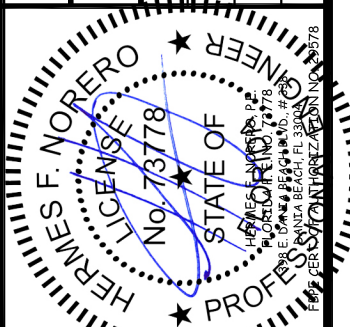
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Reason: I am approving this document
Date: 2015.04.28 21:34:45 -04'00'

TITLE: 10' GLAZED O/S DOOR
ELEVATION &
ANCHOR LAYOUT

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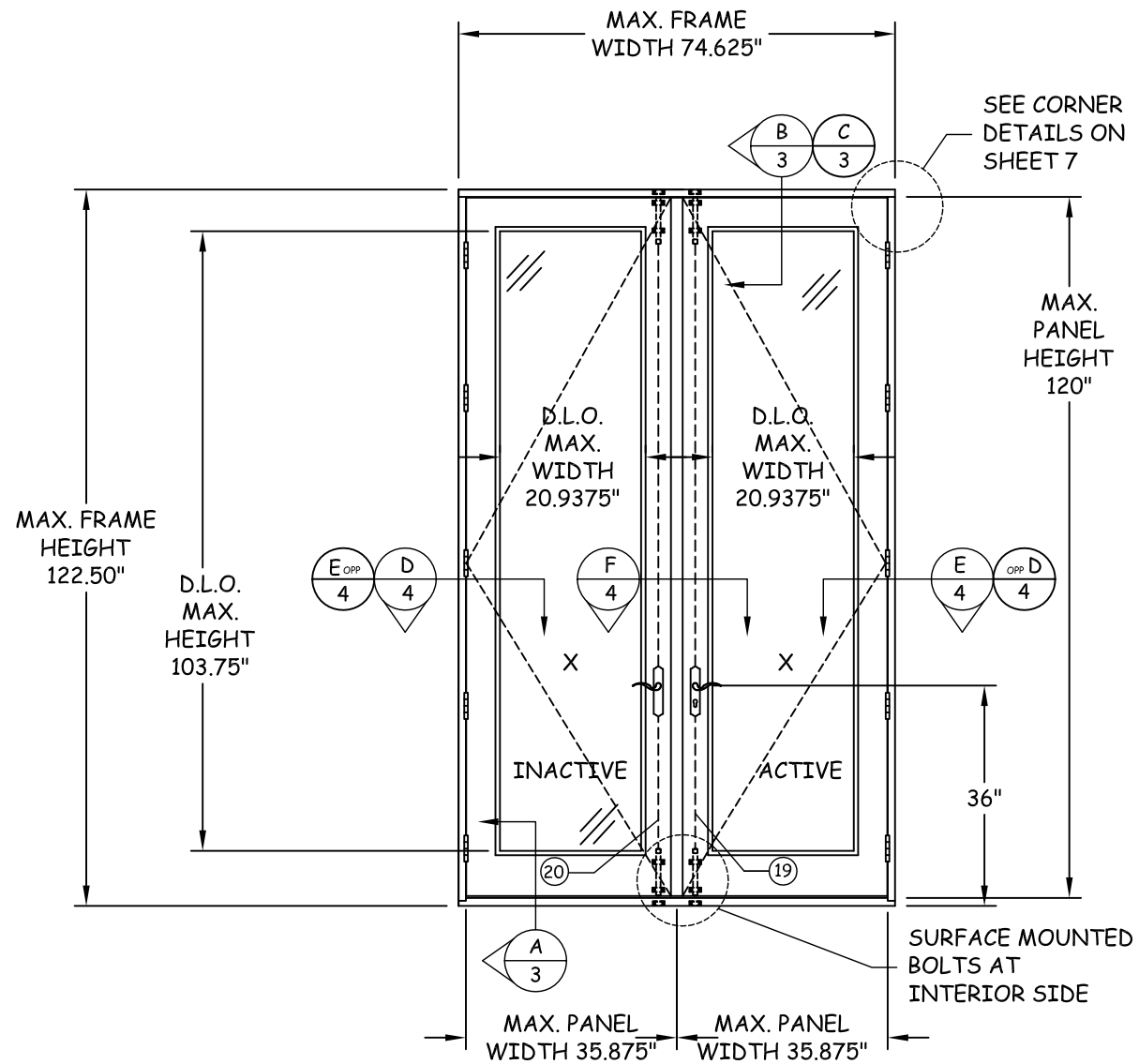
REVISIONS

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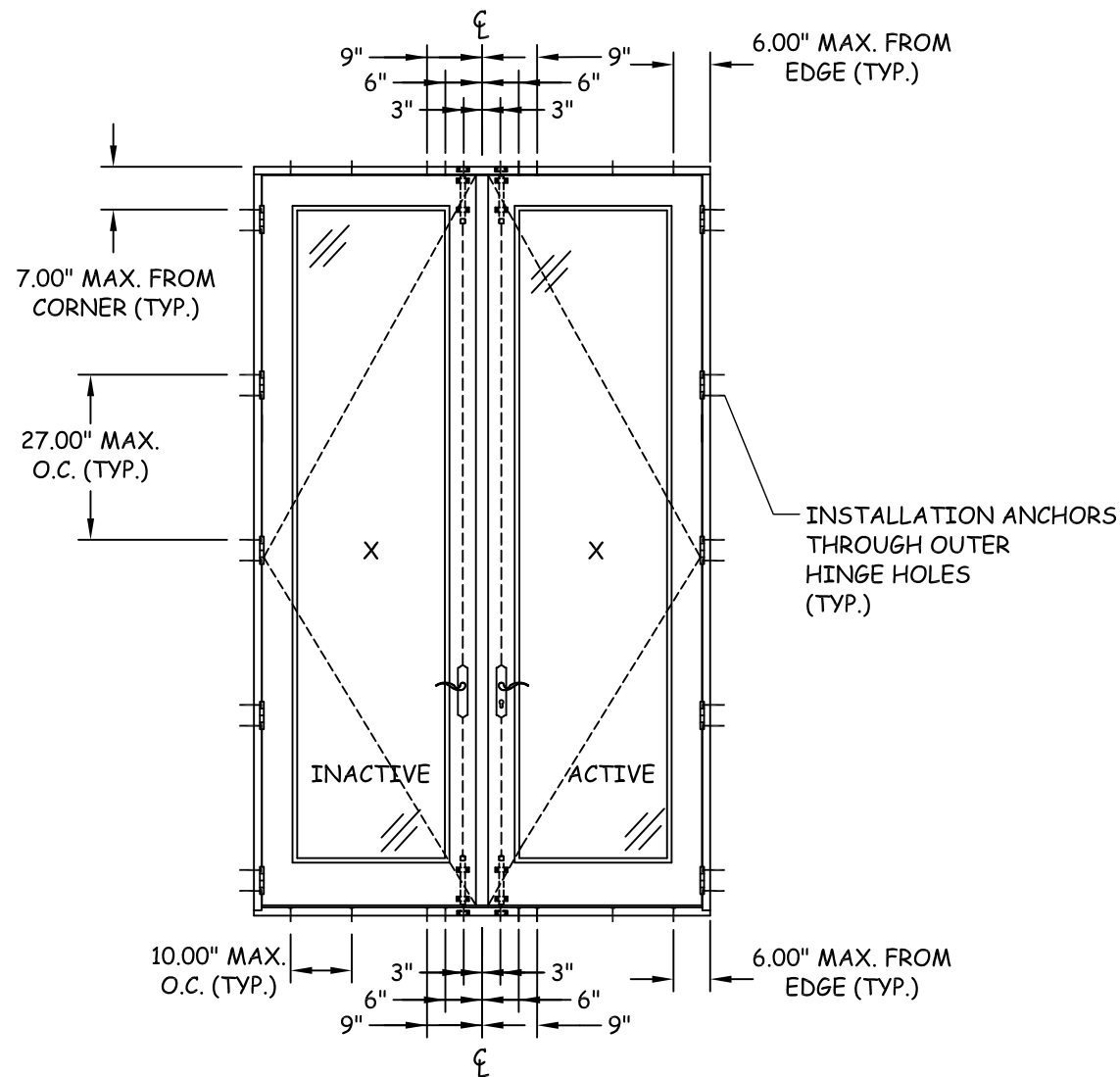


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CAB015
SHEET: 2 OF 7



XX CONFIGURATION
EXTERIOR ELEVATION
OUTSWING DOUBLE GLAZED DOOR



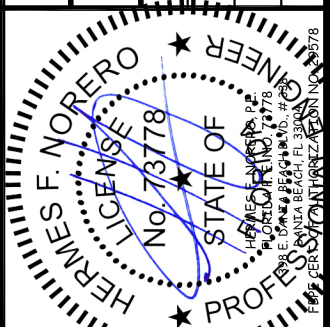
ANCHOR LAYOUT

TITLE: 10' GLAZED O/S DOOR
VERTICAL SECTIONS
& GLAZING DETAIL

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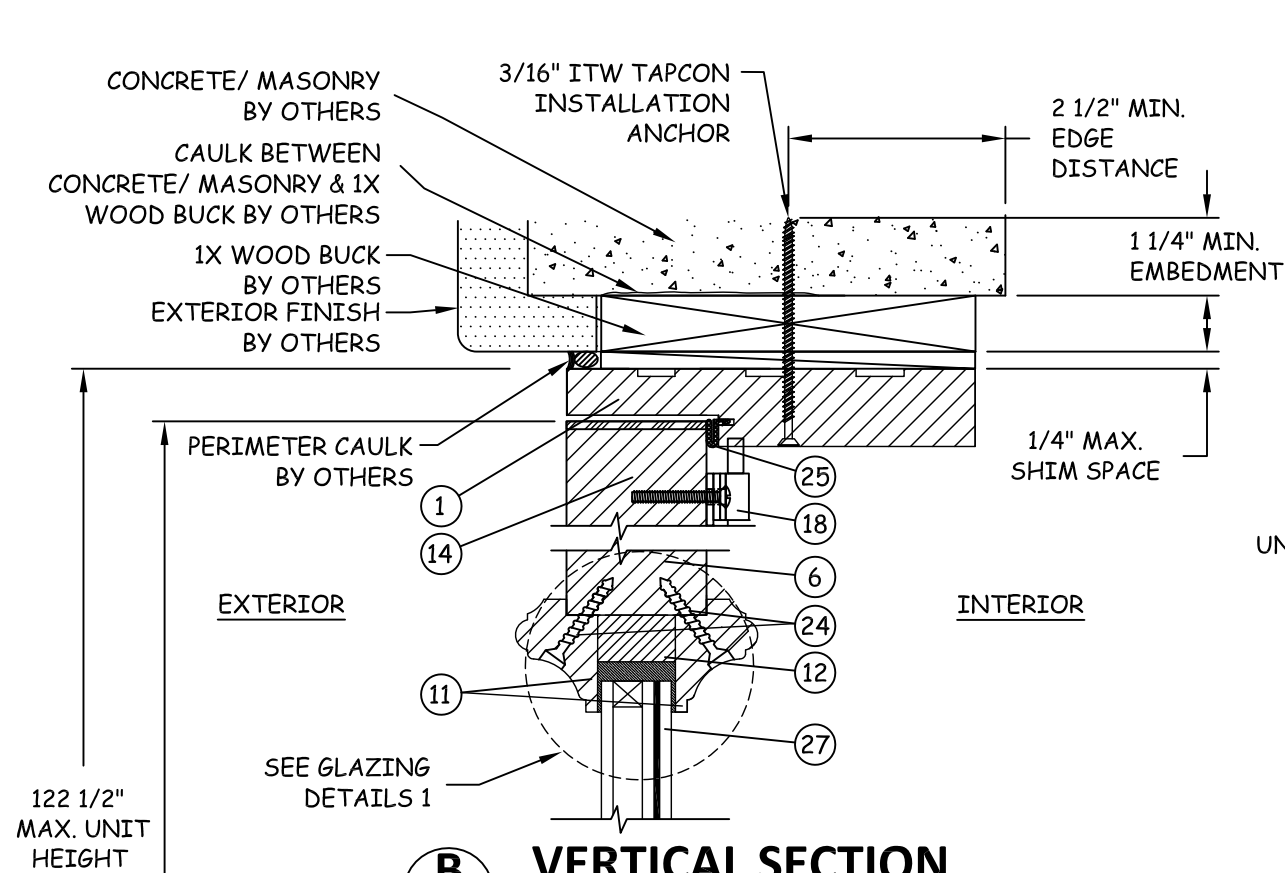
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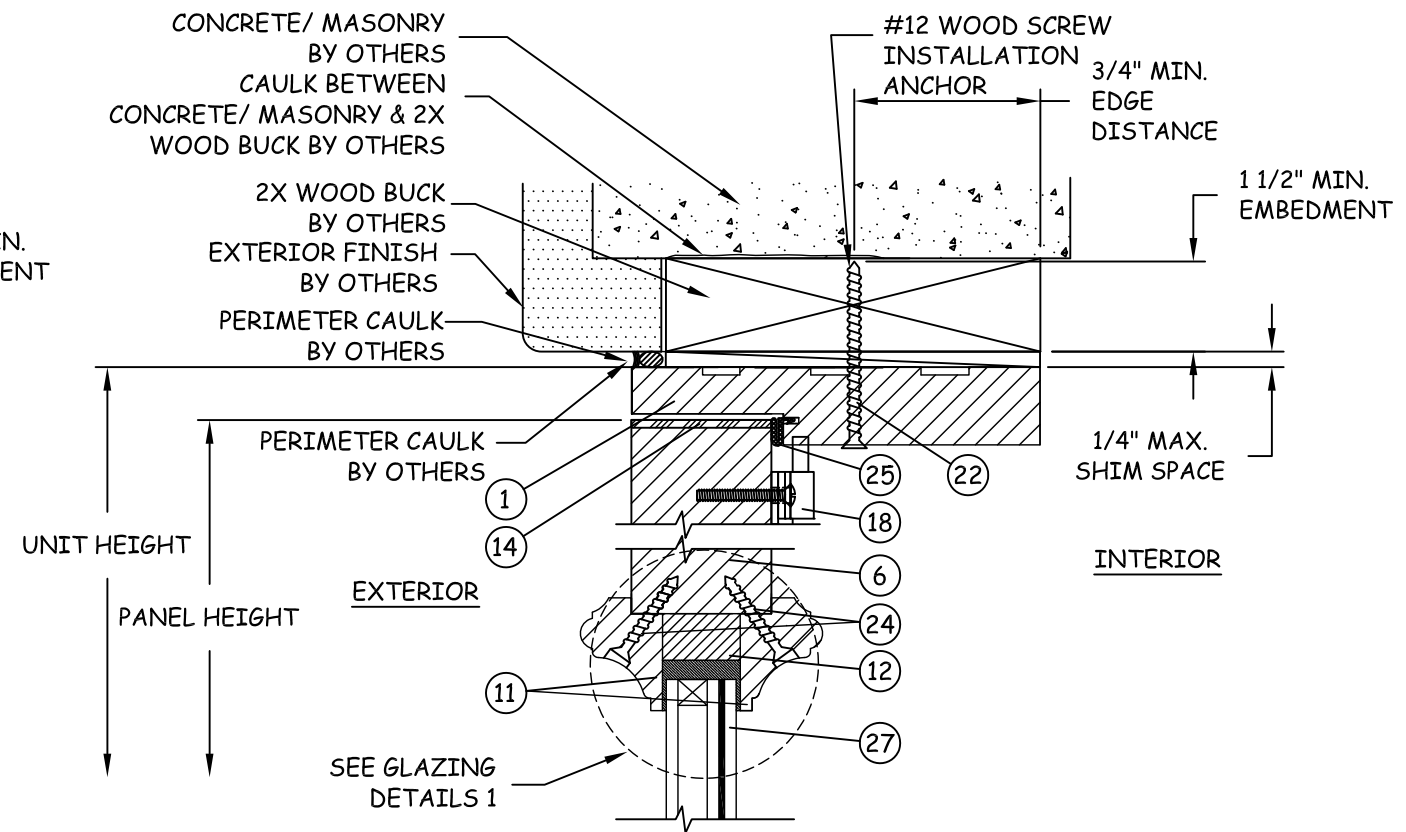


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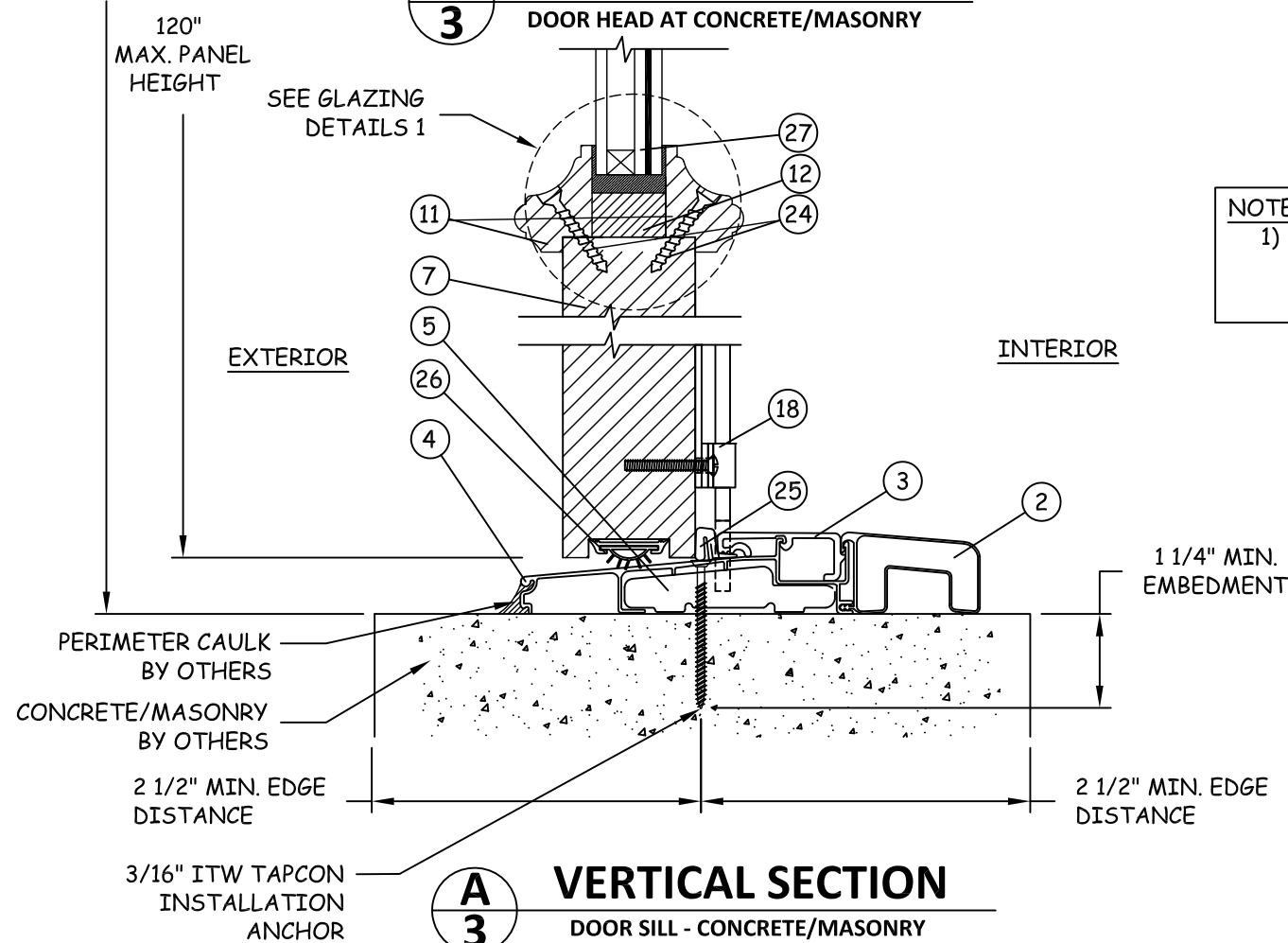
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SHEET: **3 OF 7**



B
3 VERTICAL SECTION
DOOR HEAD AT CONCRETE/MASONRY

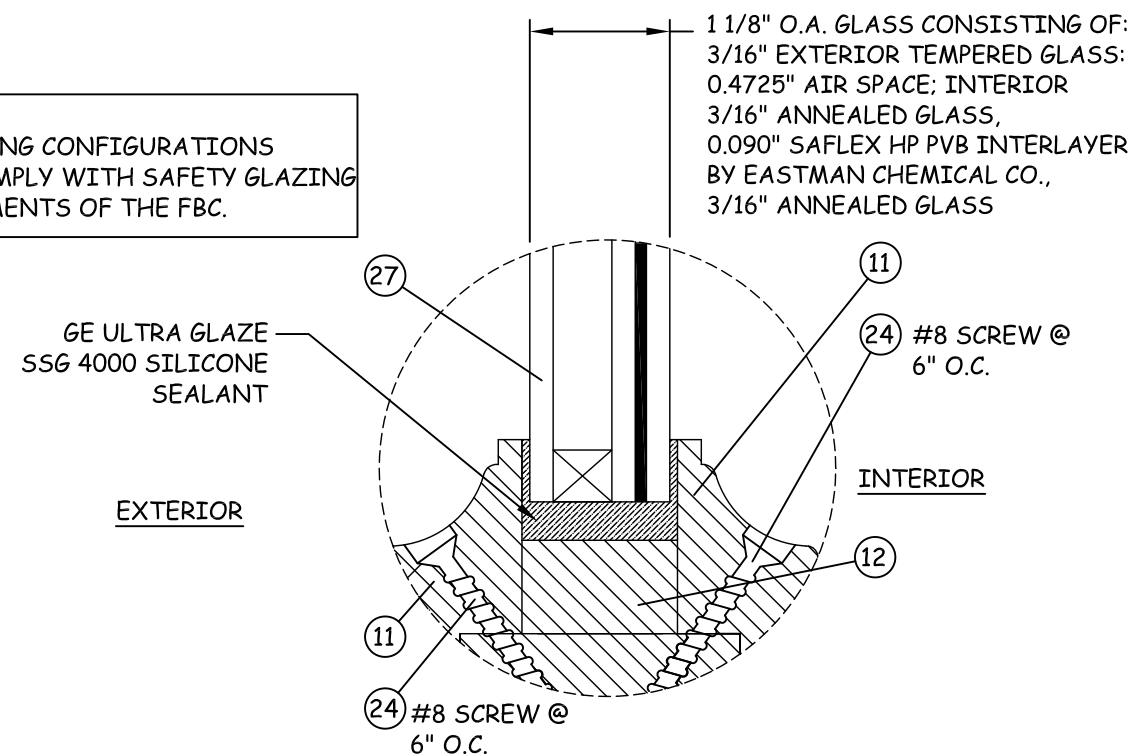


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3 VERTICAL SECTION
DOOR HEAD AT 2X WOOD BUCK

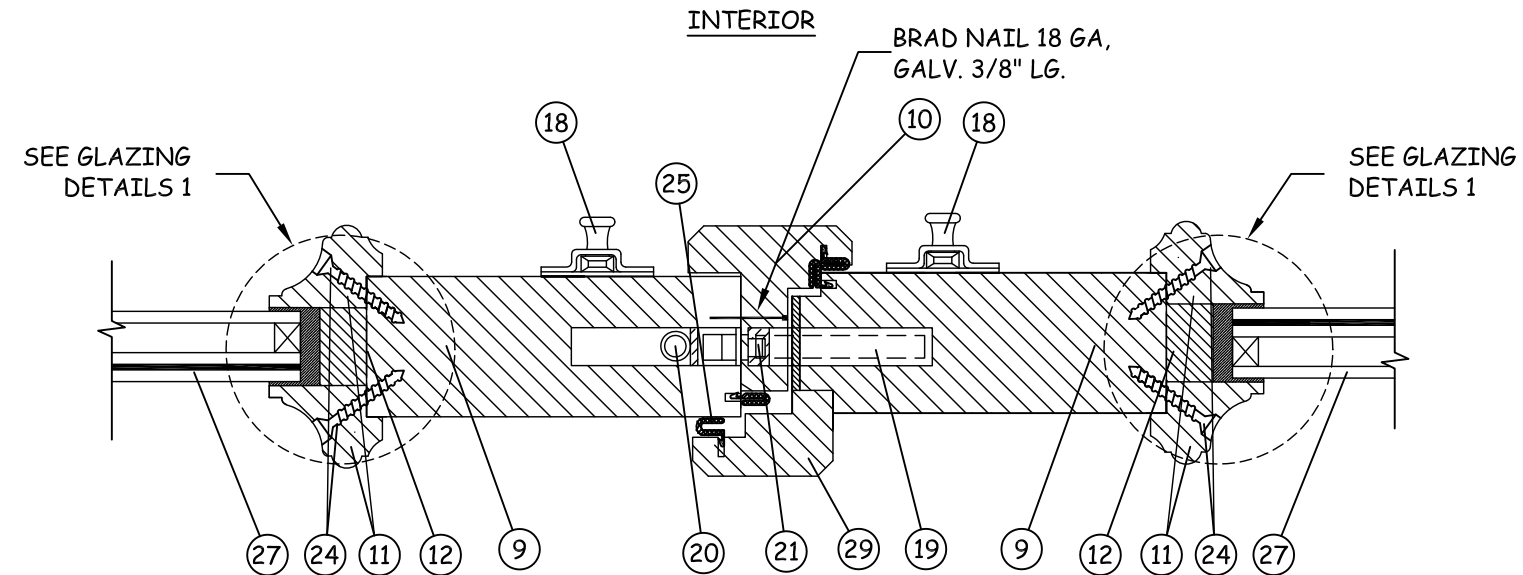


A
3 VERTICAL SECTION
DOOR SILL - CONCRETE/MASONRY

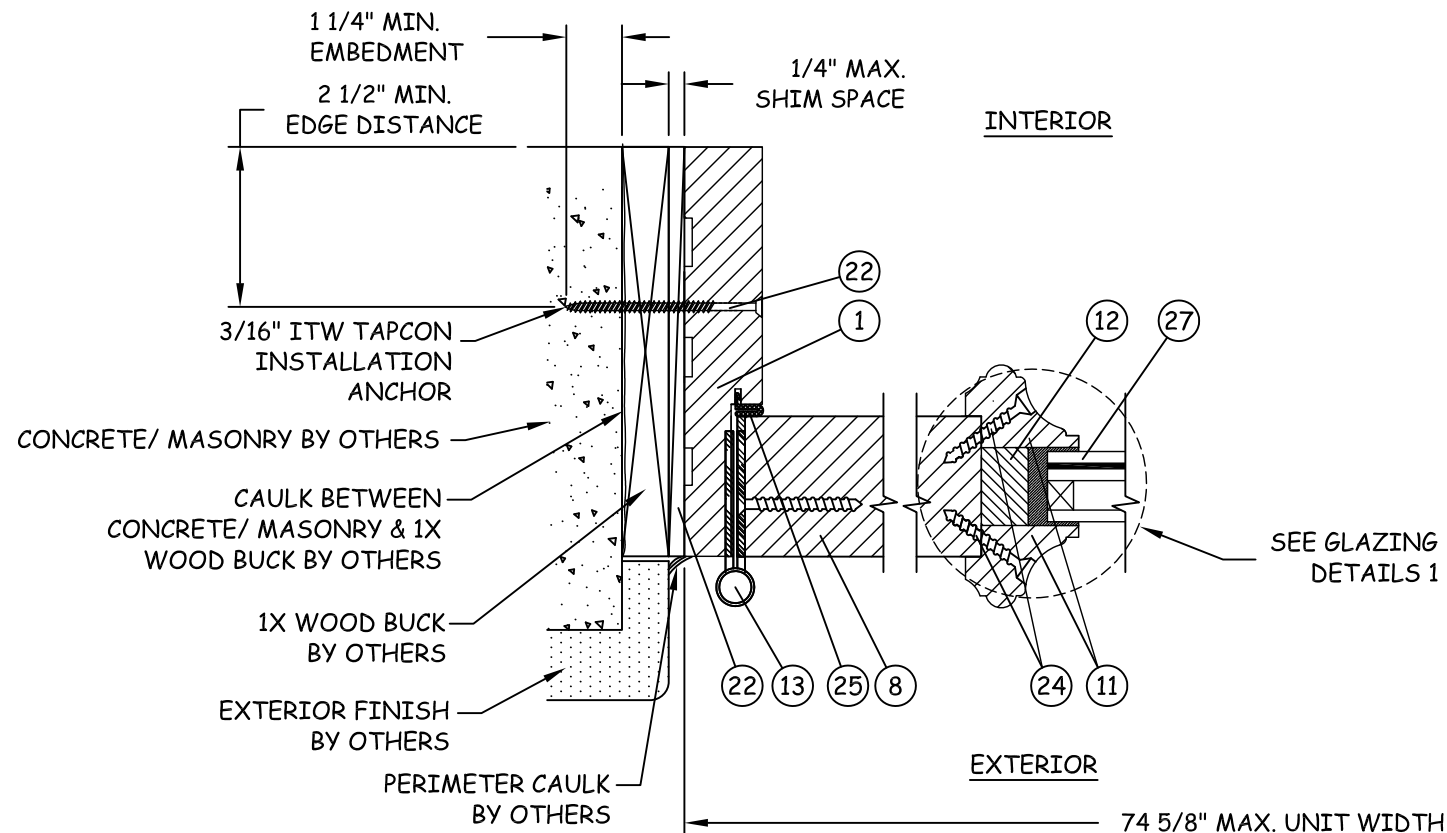
NOTE:
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SHALL COMPLY WITH SAFETY GLAZING
REQUIREMENTS OF THE FBC.



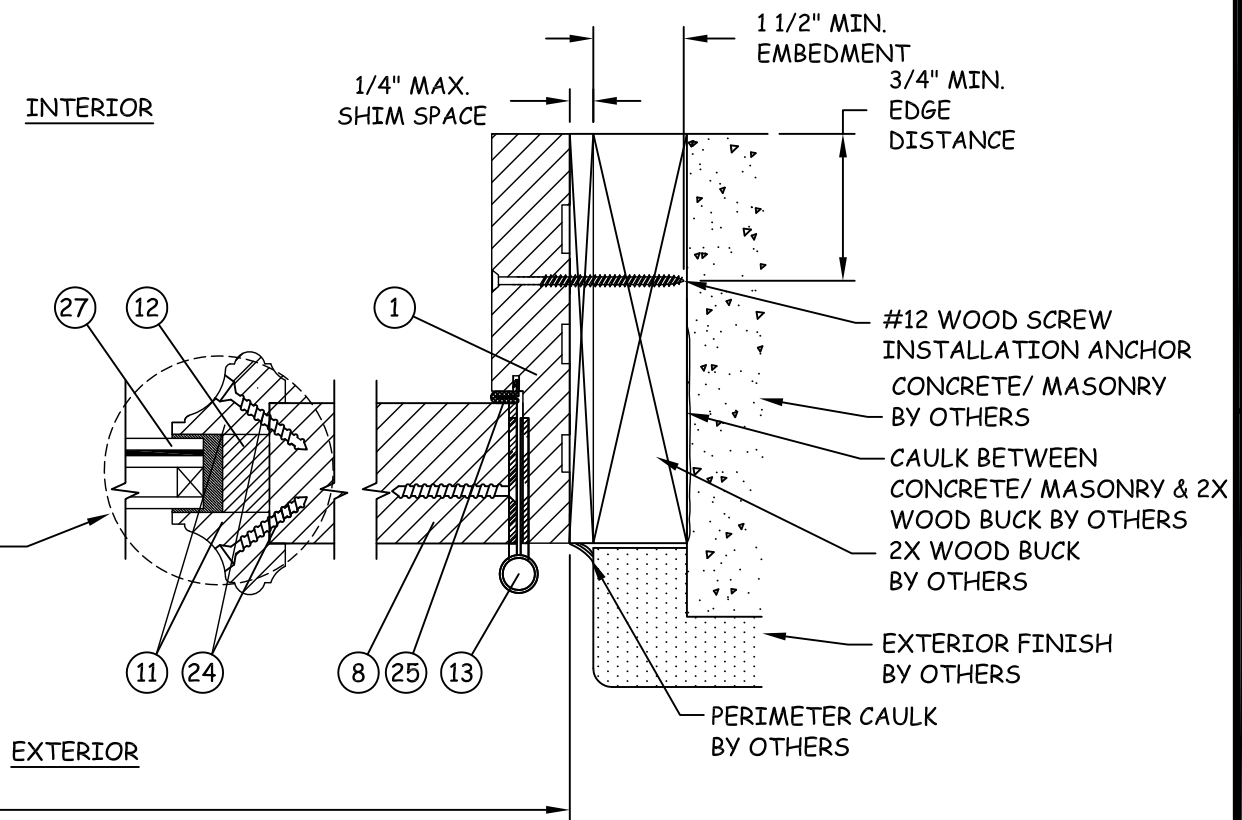
GLAZING DETAIL 1



F
4 **HORIZONTAL SECTION**
ASTRAGAL



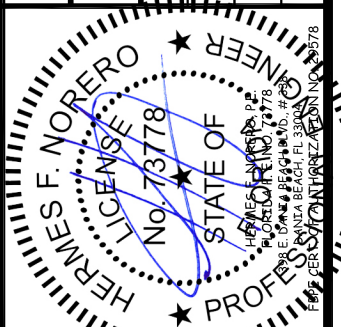
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4 **HORIZONTAL SECTION**
DOOR HINGE JAMB AT CONCRETE/MASONRY



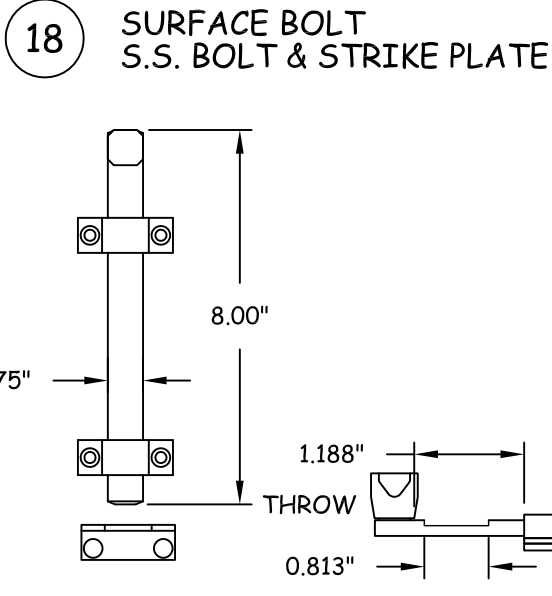
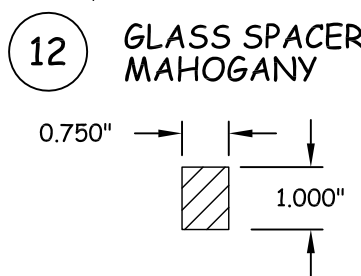
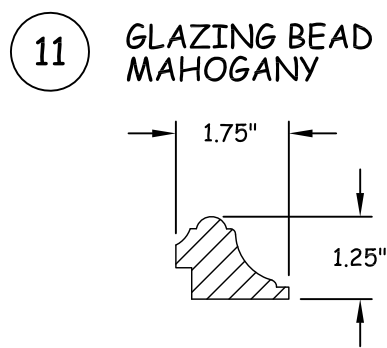
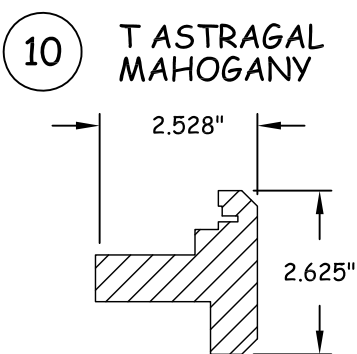
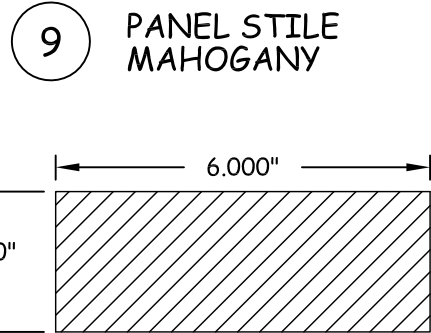
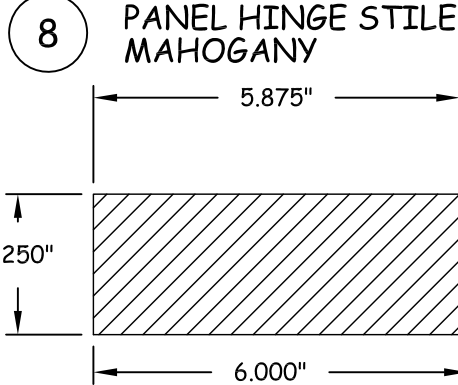
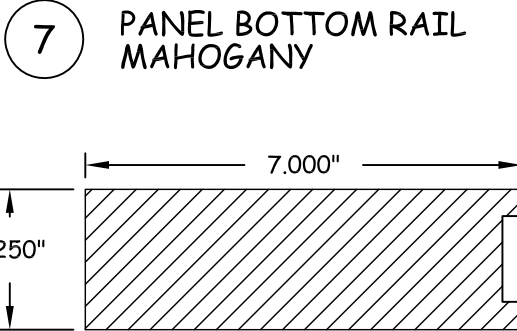
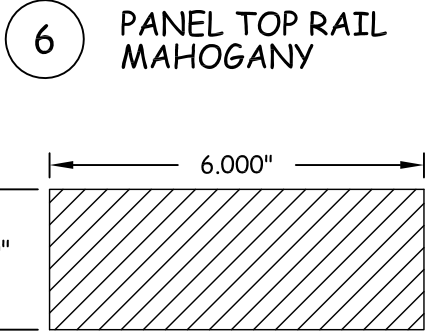
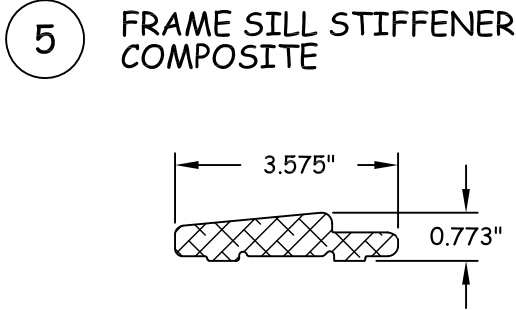
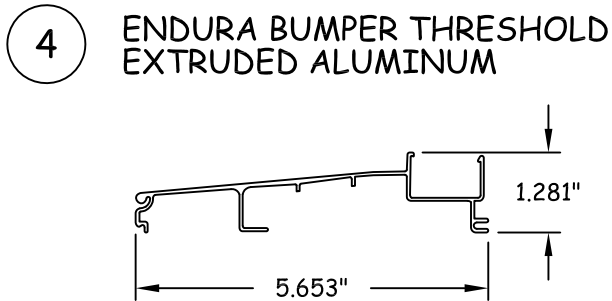
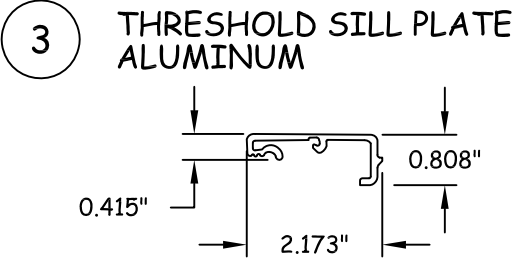
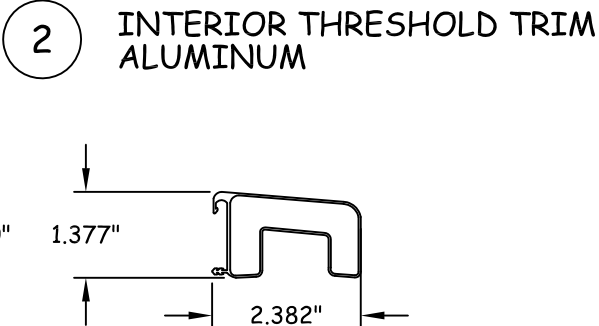
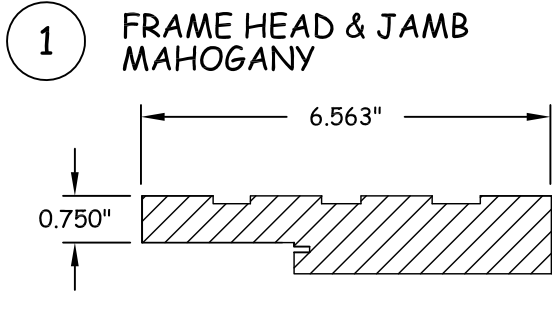
E
4 **HORIZONTAL SECTION**
DOOR HINGE JAMB AT 2X WOOD BUCK

REVISIONS

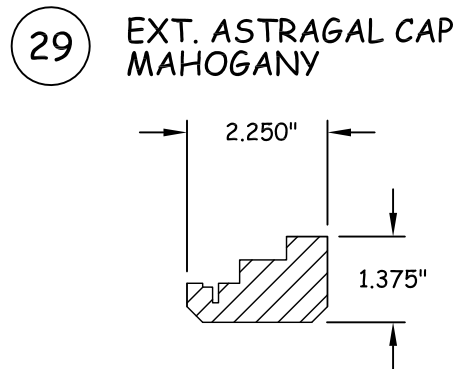
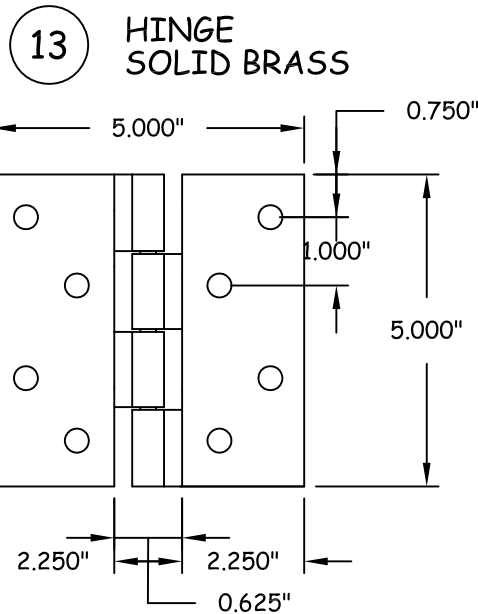
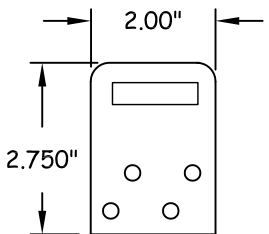
NO.	DESCRIPTION	BY	DATE



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STRIKE PLATE



caoba[®]
DOORS

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COMPONENTS

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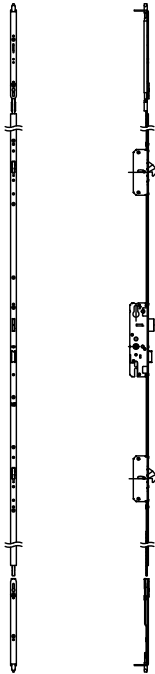


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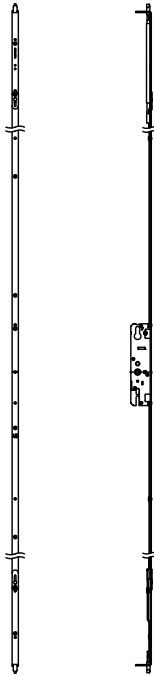
DWG #: CAB015
SHEET: 5 OF 7

BILL OF MATERIALS			
ITEM NO.	DESCRIPTION	MATERIAL	MANUFACTURER/NOTES
1	FRAME HEAD & JAMB	MAHOGANY	CAOBA DOORS
2	INTERIOR THRESHOLD TRIM	ALUMINUM	ENDURA
3	THRESHOLD SILL PLATE W/ COMPOSITE CENTER	ALUMINUM	ENDURA
4	FRAME SILL	ALUMINUM	ENDURA
5	FRAME SILL STIFFENER	COMPOSITE	CAOBA DOORS
6	PANEL TOP RAIL	MAHOGANY	CAOBA DOORS
7	PANEL BOTTOM RAIL	MAHOGANY	CAOBA DOORS
8	PANEL HINGE STILE	MAHOGANY	CAOBA DOORS
9	PANEL STILE	MAHOGANY	CAOBA DOORS
10	ASTRAGAL	MAHOGANY	CAOBA DOORS
11	GLAZING BEAD	MAHOGANY	CAOBA DOORS
12	GLASS SPACER	STEEL	CAOBA DOORS
13	HINGE	SOLID BRASS	HAGER
14	HEAD STRIKE PLATE	STEEL	HAGER
15	HEAD SIDE REINFORCEMENT	STEEL	HAGER
16	ACTIVE LOCK SIDE REINFORCEMENT PLATE	STEEL	HOPPE
17	INACTIVE LOCK SIDE REINFORCEMENT PLATE	STEEL	HOPPE
18	SURFACE BOLTS	S.S.	IVES
19	5 POINT INTEGRATED HOPPE MULTIPOINT LOCK	S.S.	HOPPE
20	2 POINT INTEGRATED HOPPE MULTIPOINT LOCK	S.S.	HOPPE
21	HOPPE HARDWARE BOLT SYSTEM	STEEL	HOPPE
22	3/16" ITW DIA. TAPCON W/ 1 1/4" MIN. EMBEDMENT	STEEL	
23	#12 X 3" WOOD INSTALLATION SCREW	STEEL	
24	#8 X 1 5/8" WOOD SCREW	STEEL	
25	WEATHERSTRIPPING	VINYL	SCHLEGEL
26	WEATHERSTRIPPING	VINYL	PEMCO
27	1 1/8" O.A. GLASS CONSISTING OF: 3/16" EXTERIOR TEMPERED GLASS; 0.4725" AIR SPACE; INTERIOR 3/16" ANNEALED GLASS, 0.090" SAFLEX HP INTERLAYER BY EASTMAN CHEMICAL CO., 3/16" ANNEALED GLASS	GLASS	
28	5/16" ITW DIA. TAPCON W/ 1 3/4" MIN EMBEDMENT	STEEL	
29	EXT. ASTRAGAL CAP	MAHOGANY	CAOBA DOORS

19 5 POINT LOCK SYSTEM
STAINLESS STEEL



20 2 POINT LOCK SYSTEM
STAINLESS STEEL

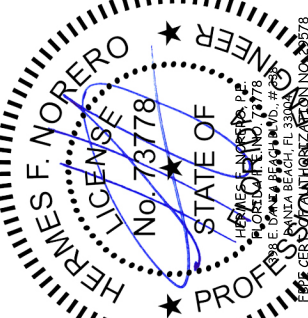


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SHEET: 6 OF 7

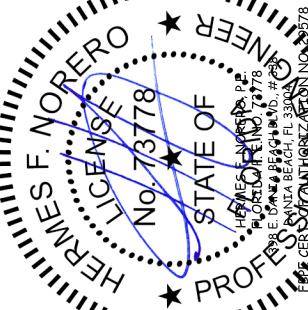


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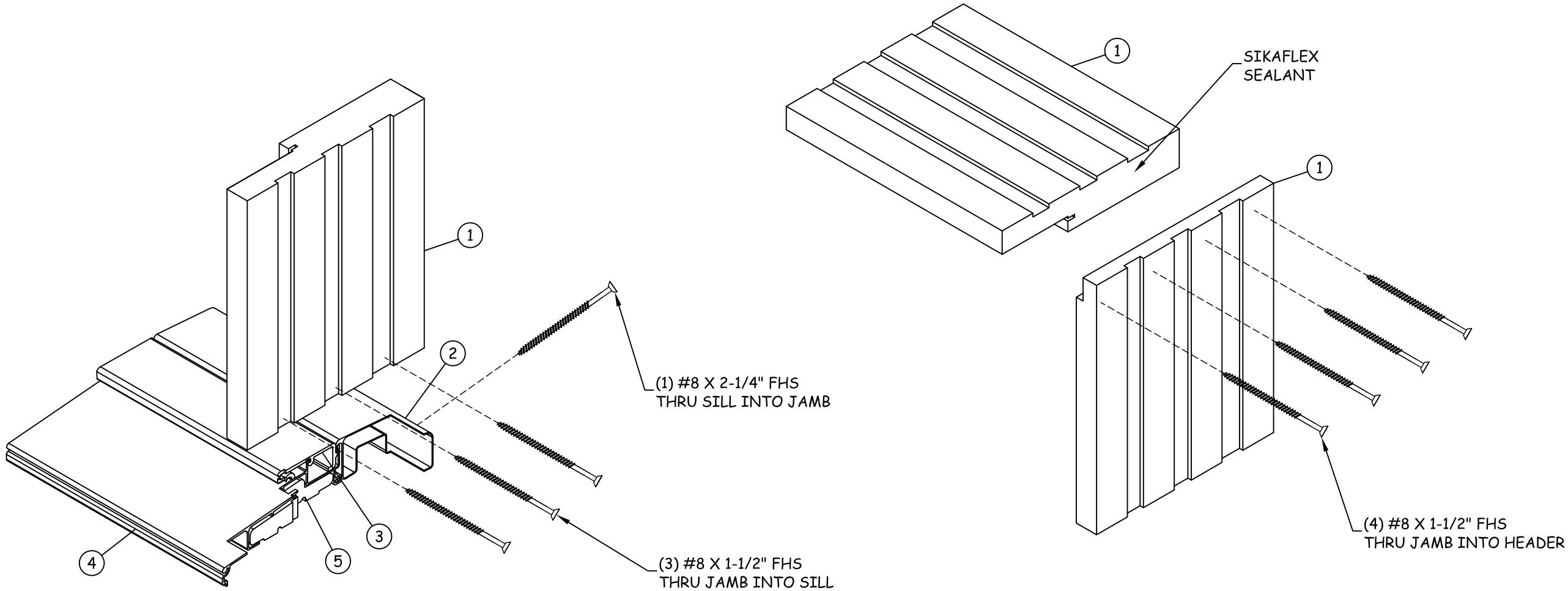
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DWG #:
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SHEET: 7 OF 7



G
7

CORNER SECTION
FRAME SILL ASSEMBLY

H
7

CORNERL SECTION
FRAME HEAD ASSEMBLY