

CAOBA DOORS

10' INSWING MAHOGANY GLAZED DOORS

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.
 - MASONRY - 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.
- DOOR FRAME MATERIAL: SOLID MAHOGANY
 - S.G.=0.42
 - E=1100 KSI
- IN ACCORDANCE WITH THE FBC, WOOD COMPONENTS SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES.
- GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 9 FOR GLAZING DETAIL.

TABLE OF CONTENTS		
SHEET	REVISION	SHEET DESCRIPTION
1	-	INSTALLATION & GENERAL NOTES
2	-	ELEVATION AND ANCHOR LAYOUT
3	-	VERTICAL SECTIONS AND GLAZING DETAIL
4	-	HORIZONTAL SECTIONS
5	-	COMPONENTS & BILL OF MATERIALS

DESIGN PRESSURE RATING		
DESIGN PRESSURE - ALL SIZES		MISSILE IMPACT RATING
+60 /-60 PSF	NOT RATED FOR WATER INFILTRATION*	LARGE AND SMALL MISSILE IMPACT RATED

* NOTE: UNITS MAY BE USED AT LOCATIONS PROTECTED BY OVERHANG SUCH THAT THE OVERHANG RATIO (OH) = OH LENGTH/OH HEIGHT IS GREATER THAN 1.0 WHERE WATER INFILTRATION IS REQUIRED.

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2015.04.30 15:45:23 -04'00'

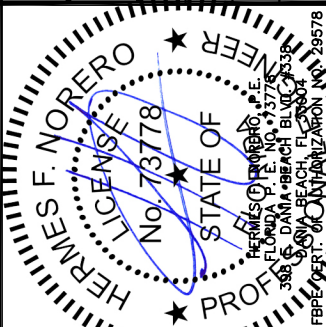


4918 CEDAR AVENUE
PHILADELPHIA, PA 19143

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

TITLE: 10' GLAZED INSWING DOOR	INSTALLATION & GENERAL NOTES			
	PREPARED BY: BUILDING DROPS, INC. 398 E. DANIA BEACH BLVD. #338 DANIA BEACH, FL 33004 PH: (954) 399-8478 FX: (954) 744-4738			

REVISIONS	DESCRIPTION	DATE	
		BY	
	NO.		

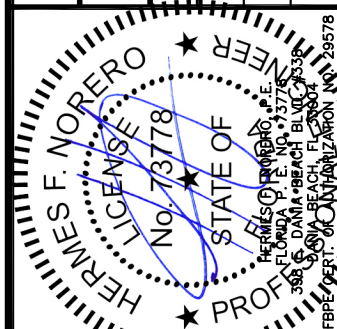


DATE: 07.12.12	DWN BY: MSS	CHK BY: HFN	SCALE: NTS
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DWG #: CAB023
SHEET: 1 OF 5

TITLE: 10' GLAZED INSWING DOOR ELEVATION AND ANCHOR LAYOUT	PREPARED BY: BUILDING DROPS, INC. 398 E. DANIA BEACH BLVD. #338 DANIA BEACH, FL 33004 PH: (954) 399-8478 FX: (954) 744-4738			

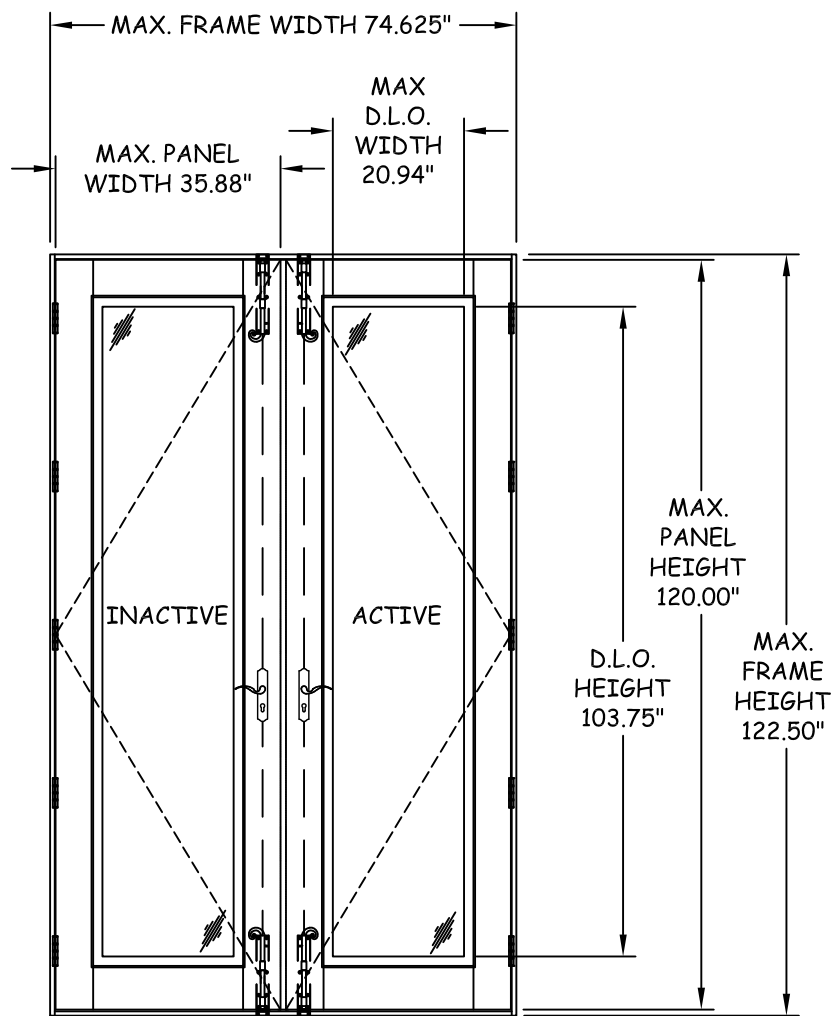
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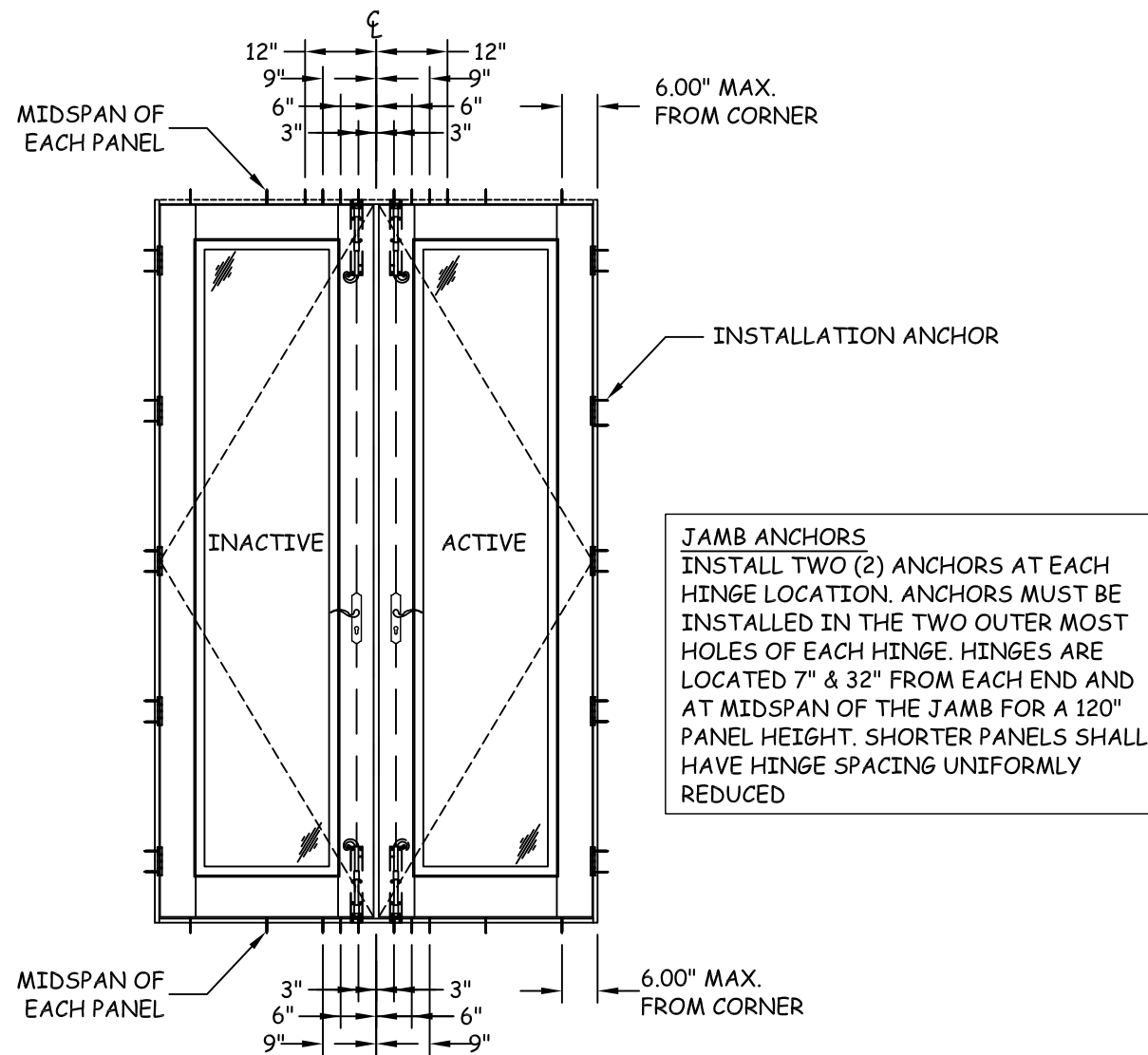
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DWG #: CAB023
SHEET: 2 OF 5

- REQUIRED HARDWARE:
- HOPPE 5 POINT LOCK IN ACTIVE LEAF
 - HOPPE 2 POINT LOCK IN INACTIVE LEAF
 - SURFACE BOLTS AT HEAD AND SILL ON EACH LEAF (MOUNTED ON INTERIOR)

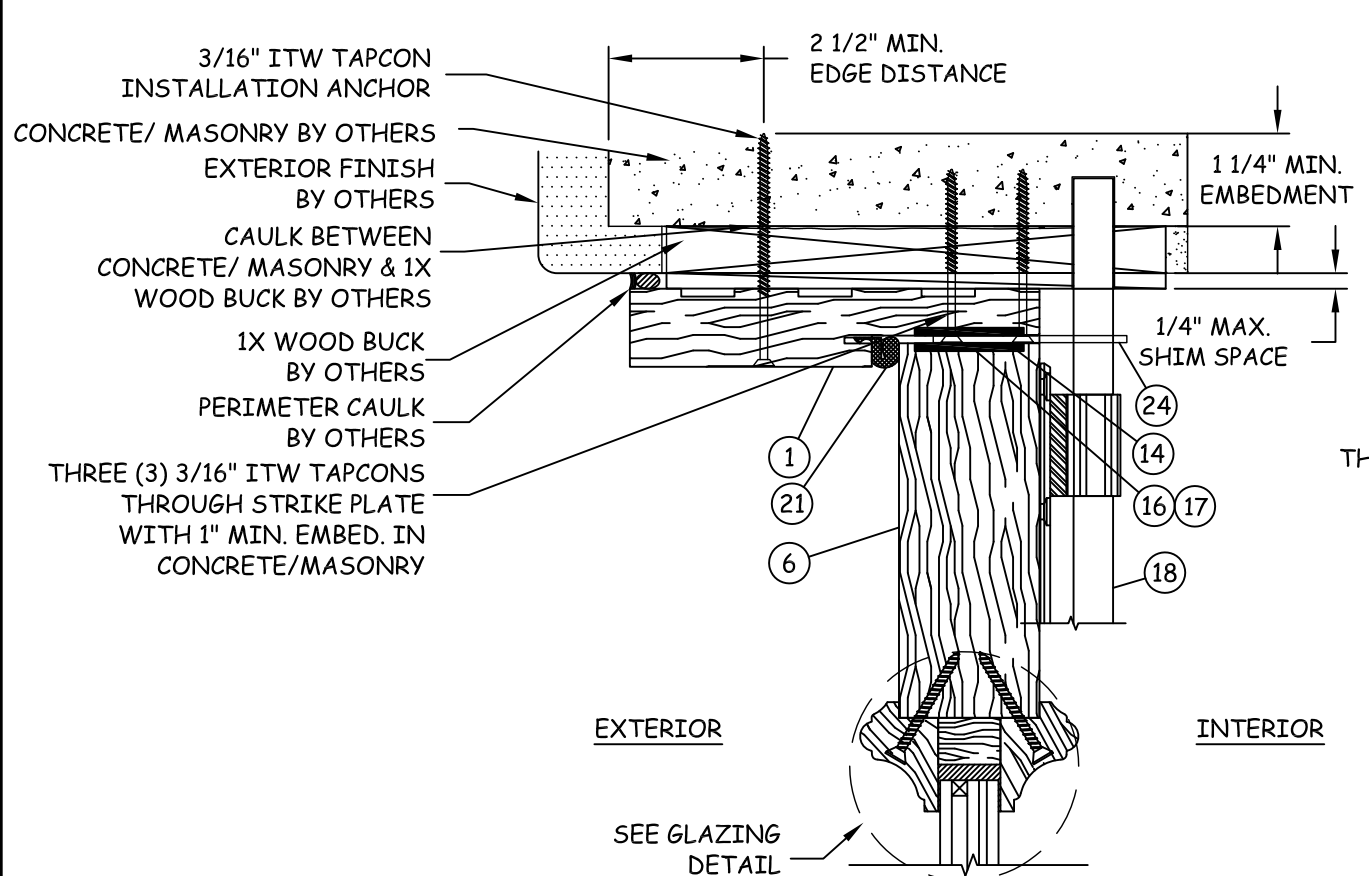


EXTERIOR ELEVATION
(OUTSWING DOORS)

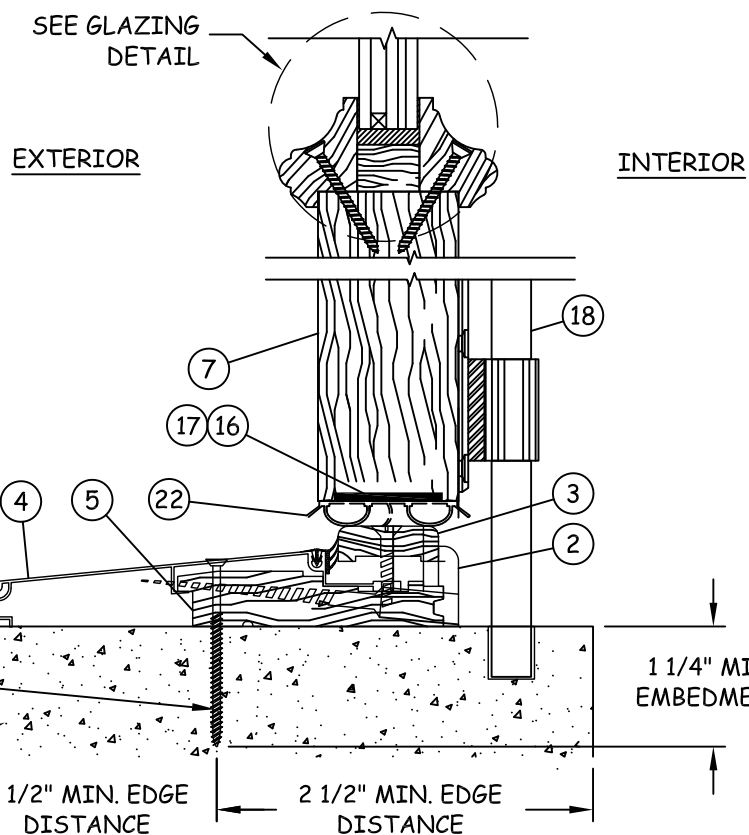


ANCHOR LAYOUT

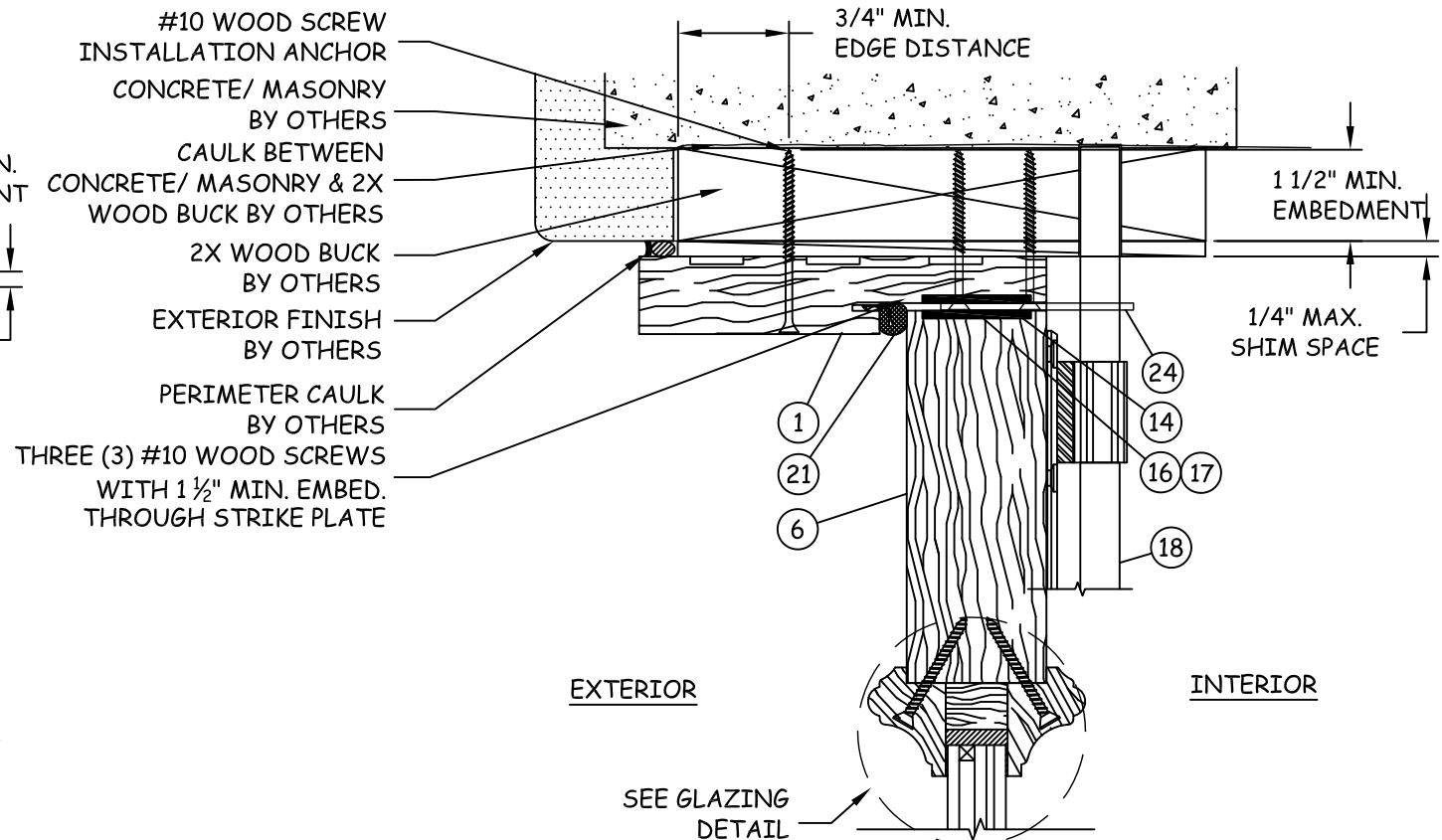
NOTE:
ANCHORS THROUGH SURFACE BOLT STRIKE PLATE AT HEAD NOT DEPICTED IN ANCHOR LAYOUT. SEE DETAILS A/3 AND B/3 FOR STRIKE PLATE ANCHORING REQUIREMENTS.



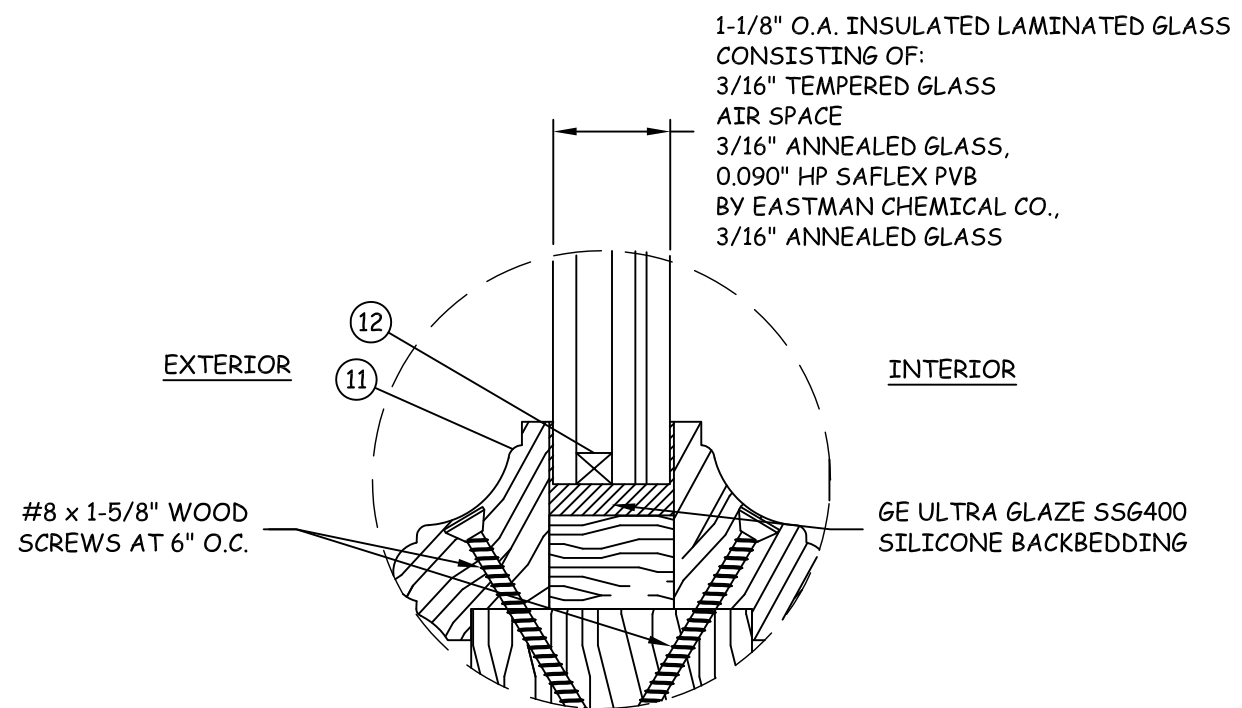
A
3 VERTICAL SECTION
HEAD - CONCRETE/MASONRY



C
3 VERTICAL SECTION
SILL - CONCRETE/MASONRY



B
3 VERTICAL SECTION
HEAD - 2X WOOD BUCK



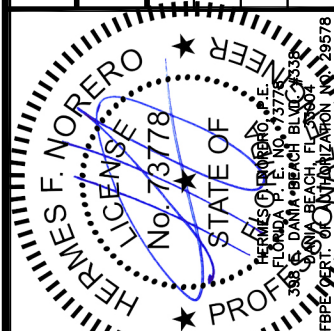
GLAZING DETAIL 1

caoba
DOORS

4918 CEDAR AVENUE
PHILADELPHIA, PA 19143

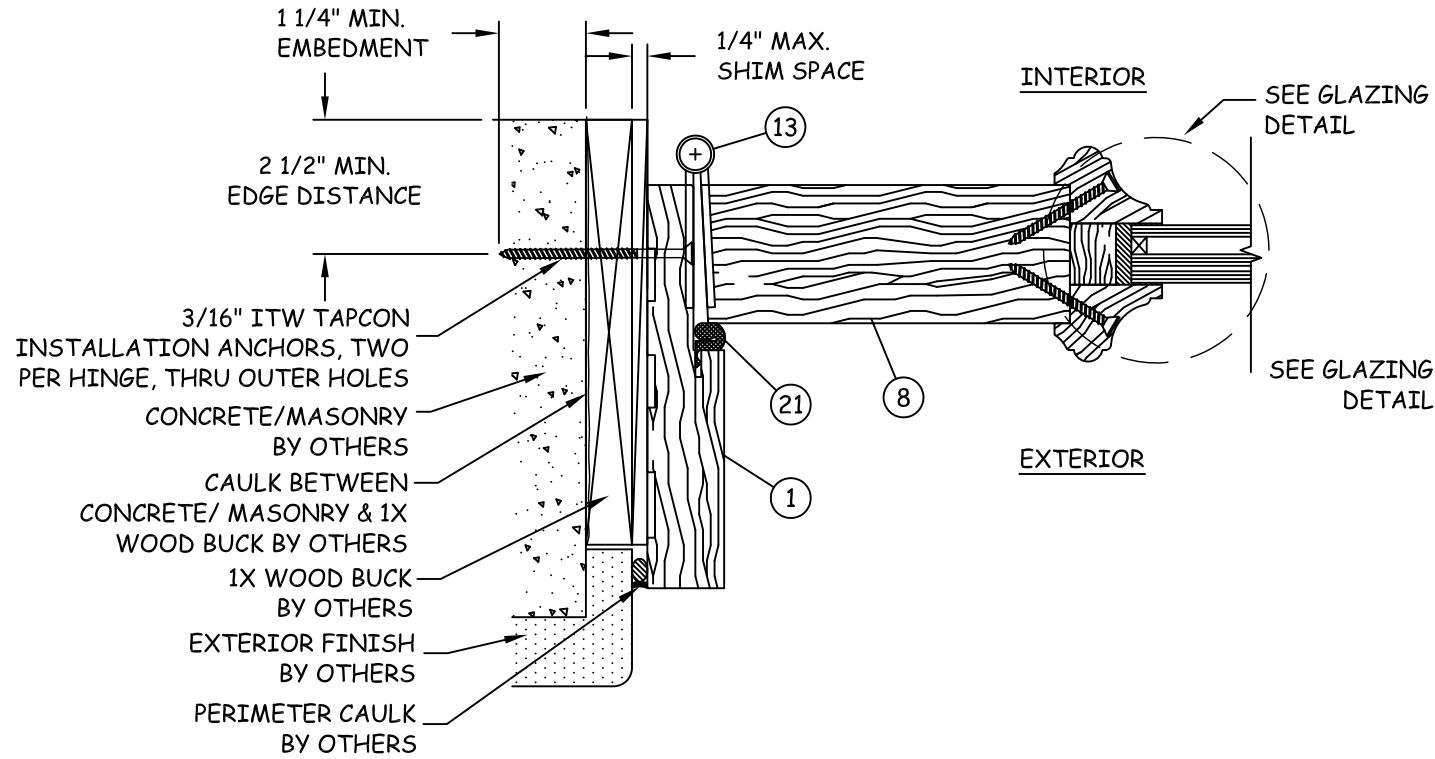
PH: (215) 525-5048 FX: (215) 747-8908

REVISIONS					TITLE: 10' GLAZED INSWING DOOR VERTICAL SECTIONS & GLAZING DETAIL	PREPARED BY:  BUILDING DROPS, INC. 398 E. DANIA BEACH BLVD. #338 DANIA BEACH, FL 33004
NO.	DESCRIPTION	BY	DATE			

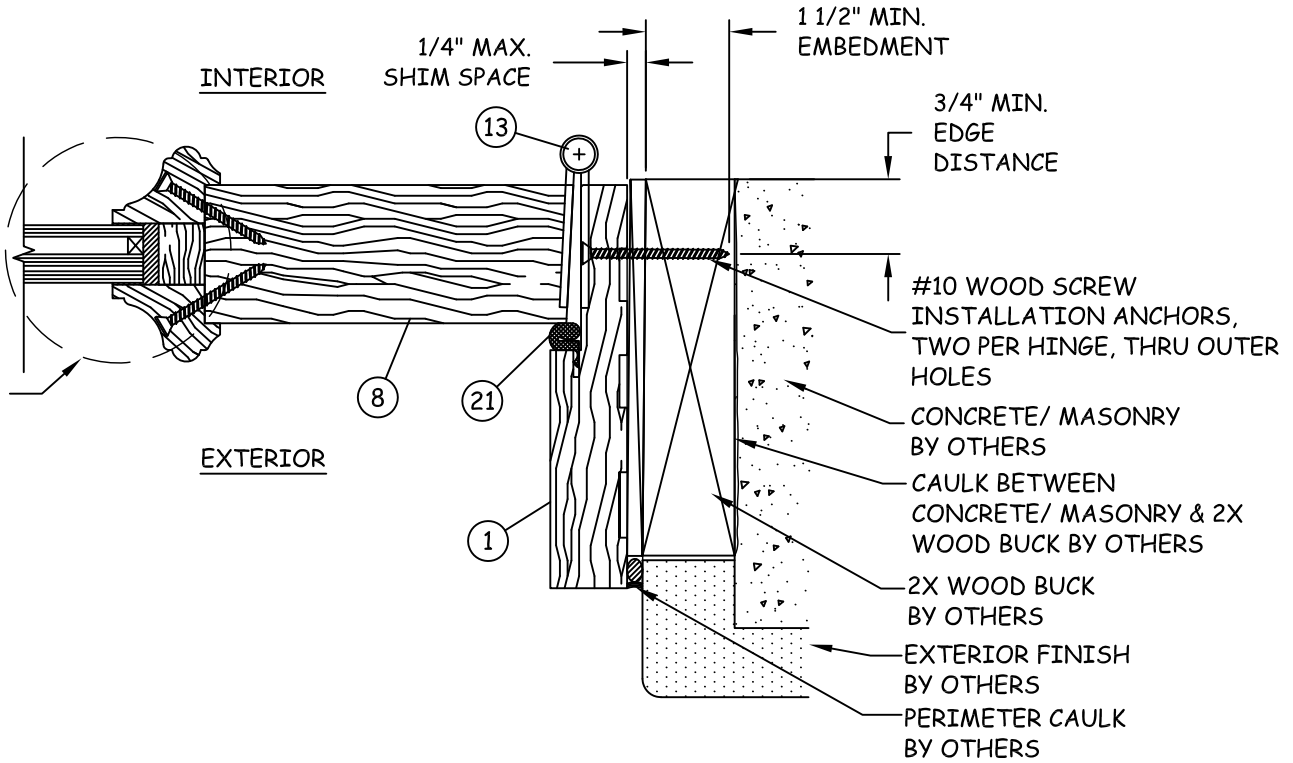


DATE:	07.12.12	DWN BY:	MSS	CHK BY:	HFN	SCALE:	NTS
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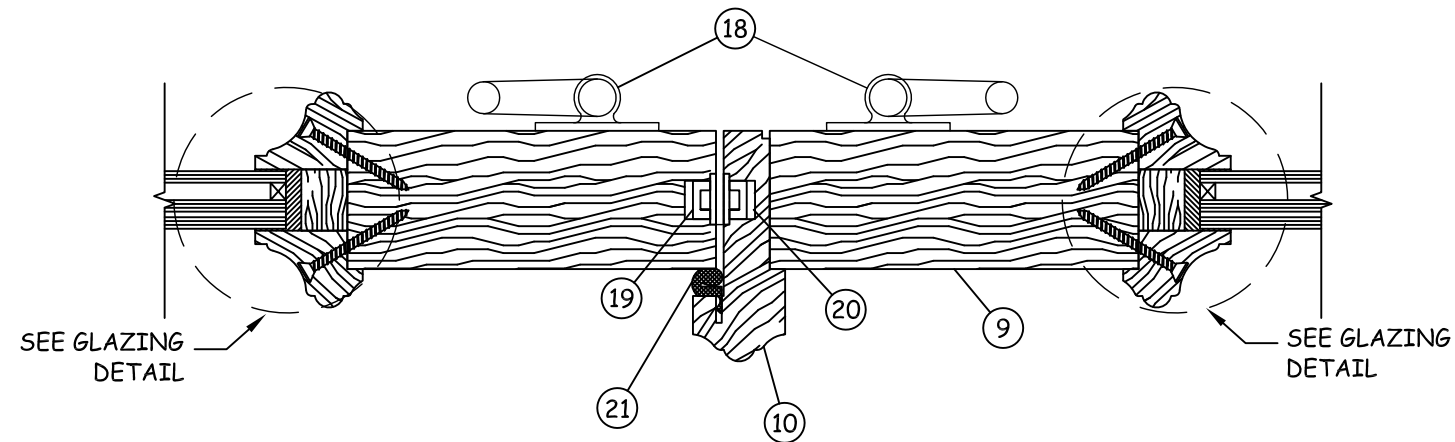
DWG #:
CAB023
SHEET: **3 OF 5**



D
4 **HORIZONTAL SECTION**
JAMB AT CONCRETE/MASONRY



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



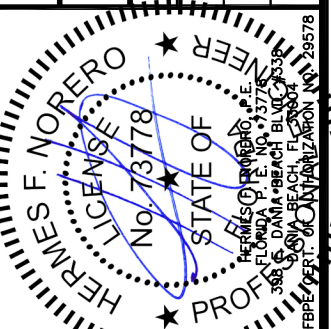
F
4 **HORIZONTAL SECTION**
ASTRAGAL

TITLE:
10' GLAZED INSWING DOOR
HORIZONTAL SECTIONS

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

REVISIONS

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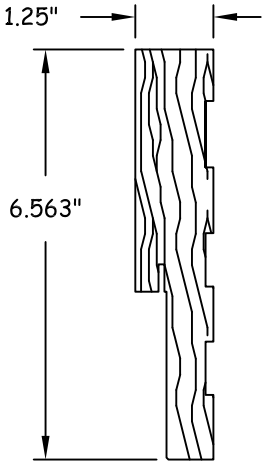


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CHK BY: HFN
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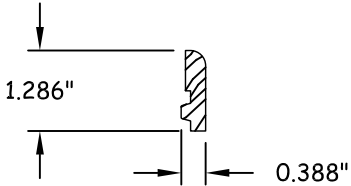
DWG #:
CAB023
SHEET: **4 OF 5**

BILL OF MATERIALS				
ITEM #	PART #	DESCRIPTION	MANUFACTURER	MATERIAL
1	-	FRAME HEAD & JAMB	CAOBA	WOOD
2	-	INTERIOR THRESHOLD TRIM	CAOBA	WOOD
3	ENDURA 896	THRESHOLD SILL PLATE W/ COMPOSITE CENTER	ENDURA	ALUMINUM
4	-	FRAME SILL	CAOBA	WOOD
5	-	FRAME SILL STIFFENER	CAOBA	WOOD
6	-	PANEL HEAD	CAOBA	WOOD
7	-	PANEL SILL	CAOBA	WOOD
8	-	PANEL HINGE STILE	CAOBA	WOOD
9	-	PANEL STILE	CAOBA	WOOD
10	-	ASTRAGAL	CAOBA	WOOD
11	-	GLAZING BEAD	CAOBA	WOOD
12	-	GLASS SPACER	CAOBA	WOOD
13	#1191	HINGE	HAGER	STEEL
14	-	STRIKE PLATE (HOPPE MULTI-POINT LOCK SYSTEM)	HOPPE	STEEL
15	-	HINGE SIDE REINFORCEMENT PLATE	-	STEEL
16	-	ACTIVE LOCK SIDE REINFORCEMENT PLATE	-	STEEL
17	-	INACTIVE LOCK SIDE REINFORCEMENT PLATE	-	STEEL
18	-	SURFACE BOLTS	CAOBA	STEEL
19	7370-50-SS	5 POINT INTEGRATED LOCK	HOPPE	STEEL
20	7000-35-SS	2 POINT INTEGRATED LOCK	HOPPE	STEEL
21	QEBD-650	WEATHERSTRIPPING	SCHLEGEL	VINYL
22	209	WEATHERSTRIPPING	PEMCO	VINYL
23	-	1 1/8" O.A. GLASS CONSISTING OF: 3/16" EXTERIOR TEMPERED GLASS; 0.310" AIR SPACE"; INTERIOR GLASS 3/16" ANNEALED GLASS, .090" SAFLEX HP PVB INTERLAYER BY EASTMAN, 3/16" ANNEALED GLASS	-	GLASS
24	-	SURFACE BOLT STRIKE PLATE W/ 3 #10 WOOD SCREWS	IVES	STEEL

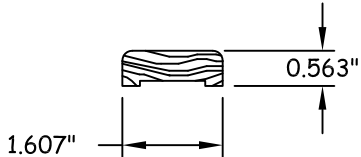
1 FRAME HEAD & JAMB
TYP. WALL THICKNESS NA



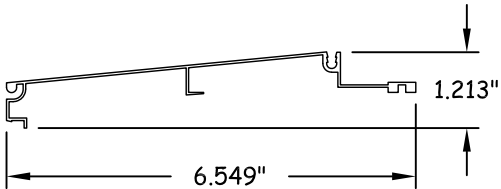
2 INTERIOR THRESHOLD TRIM
TYP. WALL THICKNESS NA



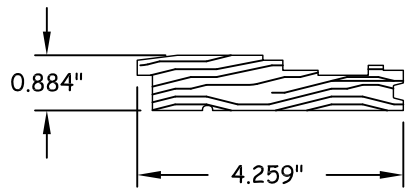
3 THRESHOLD SILL PLATE
TYP. WALL THICKNESS NA



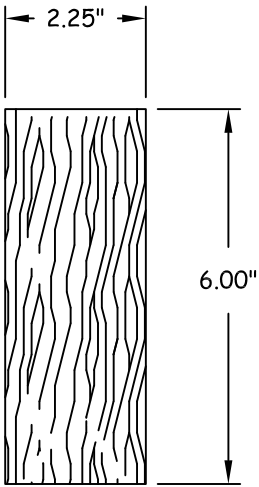
4 FRAME SILL
TYP. WALL THICKNESS 0.050



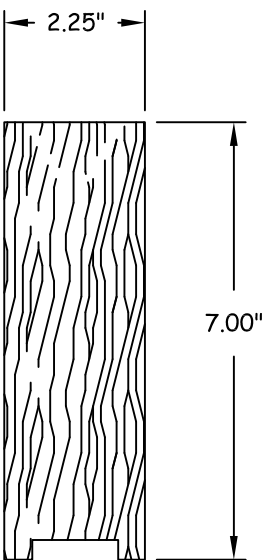
5 FRAME SILL STIFFENER
TYP. WALL THICKNESS NA



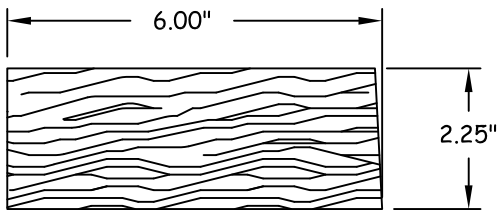
6 PANEL HEAD
TYP. WALL THICKNESS NA



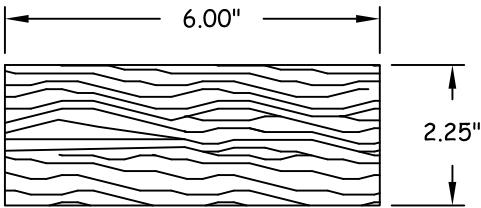
7 PANEL SILL
TYP. WALL THICKNESS NA



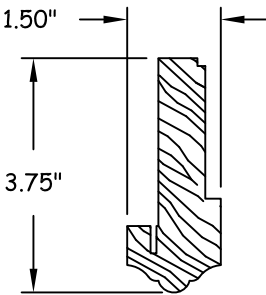
8 PANEL HINGE STILE
TYP. WALL THICKNESS NA



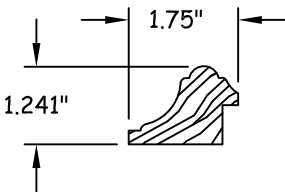
9 PANEL STILE
TYP. WALL THICKNESS NA



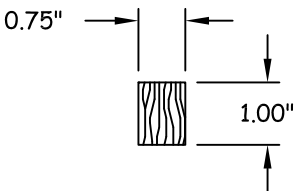
10 ASTRAGAL
TYP. WALL THICKNESS NA



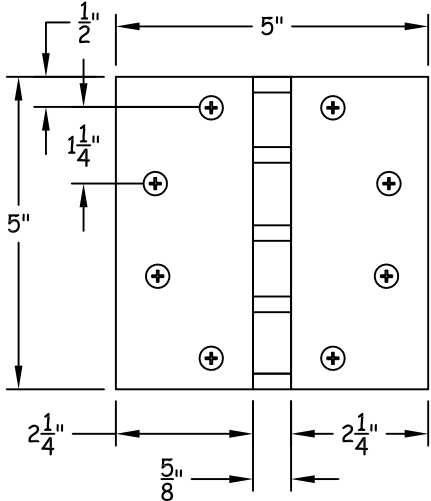
11 GLAZING BEAD
TYP. WALL THICKNESS NA



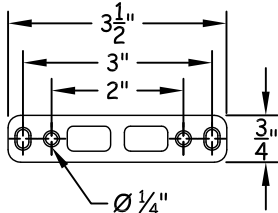
12 GLASS SPACER
TYP. WALL THICKNESS NA



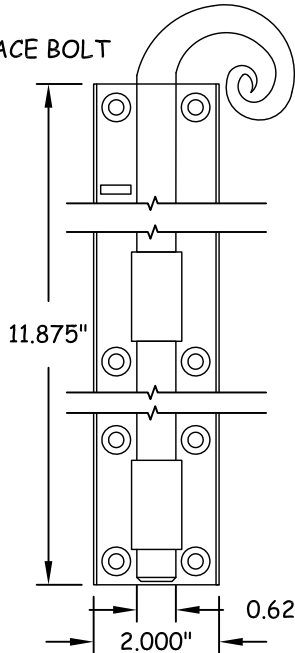
13 HINGE
1/8" THICK



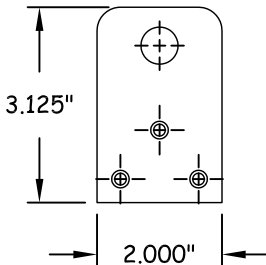
14 STRIKE PLATE
1/8" THICK



18 SURFACE BOLT



24 STRIKE PLATE
(SURFACE BOLT)



caoba[®]
DOORS

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TITLE:
10' GLAZED INSWING DOOR

B.O.M. & COMPONENTS

PREPARED BY:

BUILDING DROPS, INC.

398 E. DANIA BEACH BLVD. #338

DANIA BEACH, FL 33004

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

REVISIONS

DATE

BY

DESCRIPTION

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CAB023

SHEET:

5 OF 5