

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 #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:
 - FASTENERS USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED SPACES SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.1 (E.G., ASTM A153 CLASS D, ASTM A641 CLASS 3S, OR EQUIVALENT CORROSION RESISTANCE).
 - CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.2 (E.G., ASTM A653 G90, ASTM A123, OR PROTECTIVE COATING PER TPI 1).
- 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 ASTMC-476, MIN fc=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 1 FOR GLAZING DETAIL.

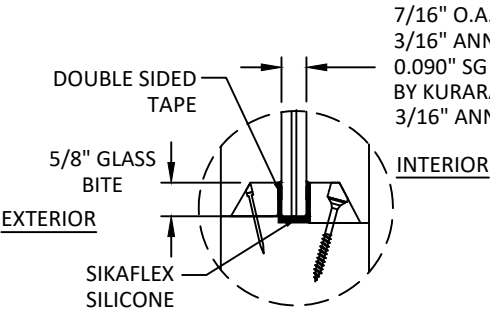
CAOBA DOORS

10' OUTSWING NARROW STILE DOORS (HVHZ)(IMPACT)

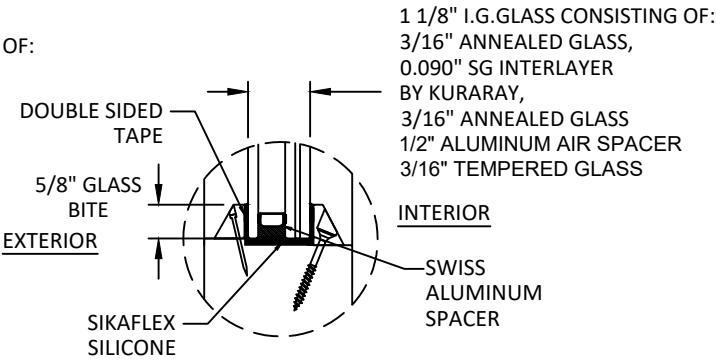
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DESIGN PRESSURE RATING		
PANEL SIZE	DESIGN PRESSURE	MISSILE IMPACT RATING
36" x 80"	±75.0 PSF	LARGE AND SMALL MISSILE IMPACT RATED
36" x 108"	±70.0 PSF	
42" x 96"	±64.0 PSF	
42" x 120"	±60.0 PSF	
48" x 120"	±55.0 PSF	

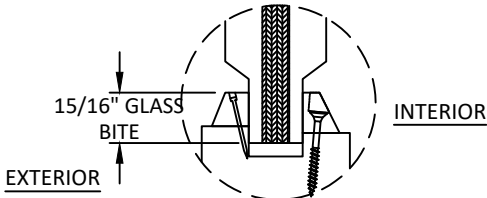
* NOTE: DOORS WITH ADA SILL NOT RATED FOR WATER INFILTRATION. UNITS MAY BE USED AT LOCATIONS PROTECTED BY OVERHANG SUCH THAT THE OVERHANG RATIO (OH) = OH LENGTH/OH HEIGHT IS GREATER THAN 1.0 WHERE WATER INFILTRATION IS REQUIRED.



GLAZING DETAIL 1



GLAZING DETAIL 2



RAISED PANEL DETAIL



4918 CEDAR AVENUE
PHILADELPHIA, PA 19143

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

TITLE: 10' OUTSWING NARROW
STILE DOOR
(HVHZ)(IMPACT)
INSTALLATION, GENERAL NOTES
AND GLAZING DETAILS

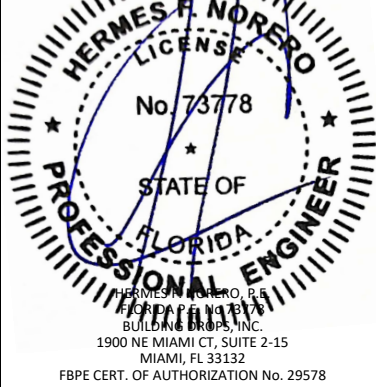
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MIAMI, FL 33132
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FAX: (954) 744-4738
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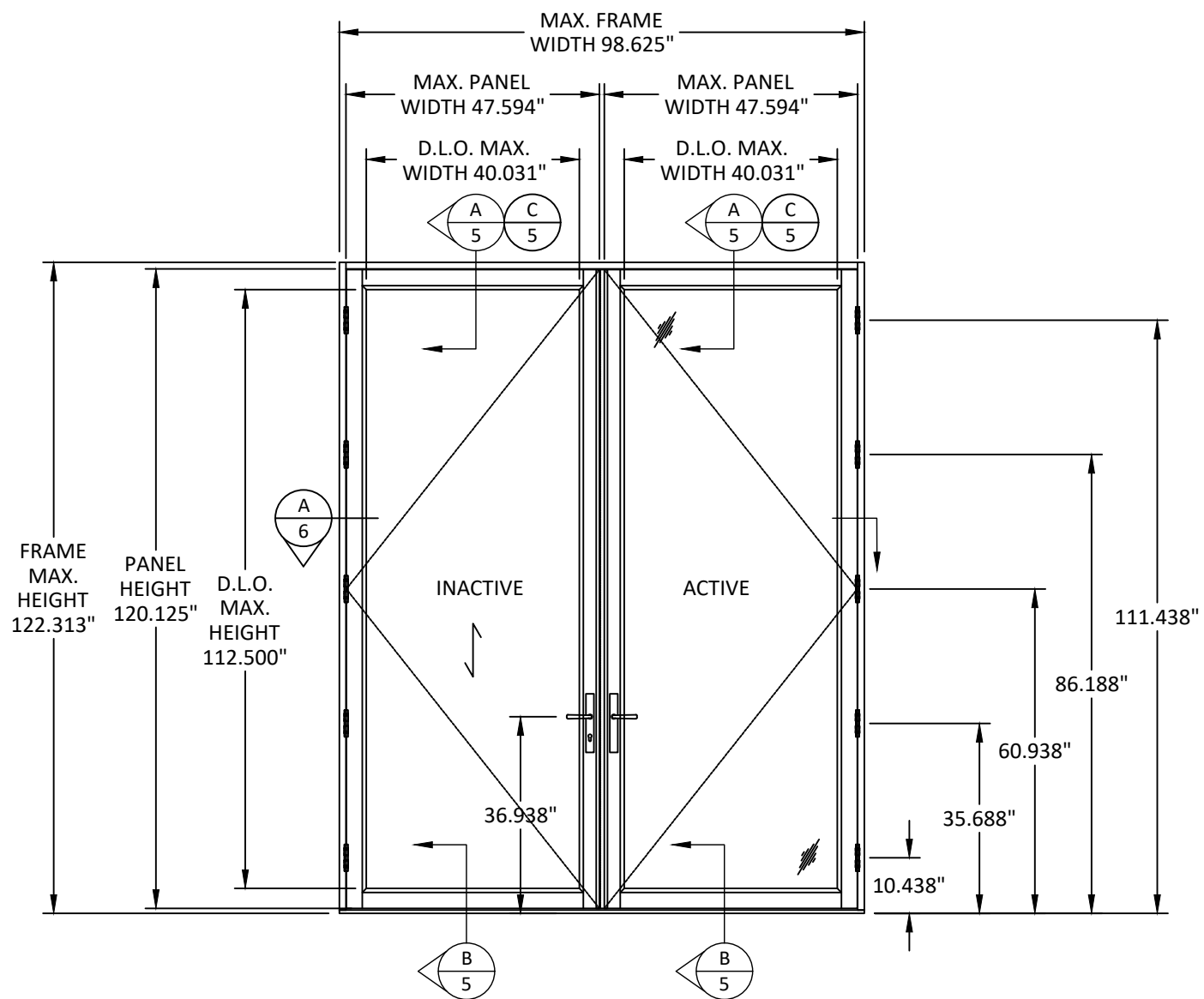
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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.08.10 07:35:13 -0400

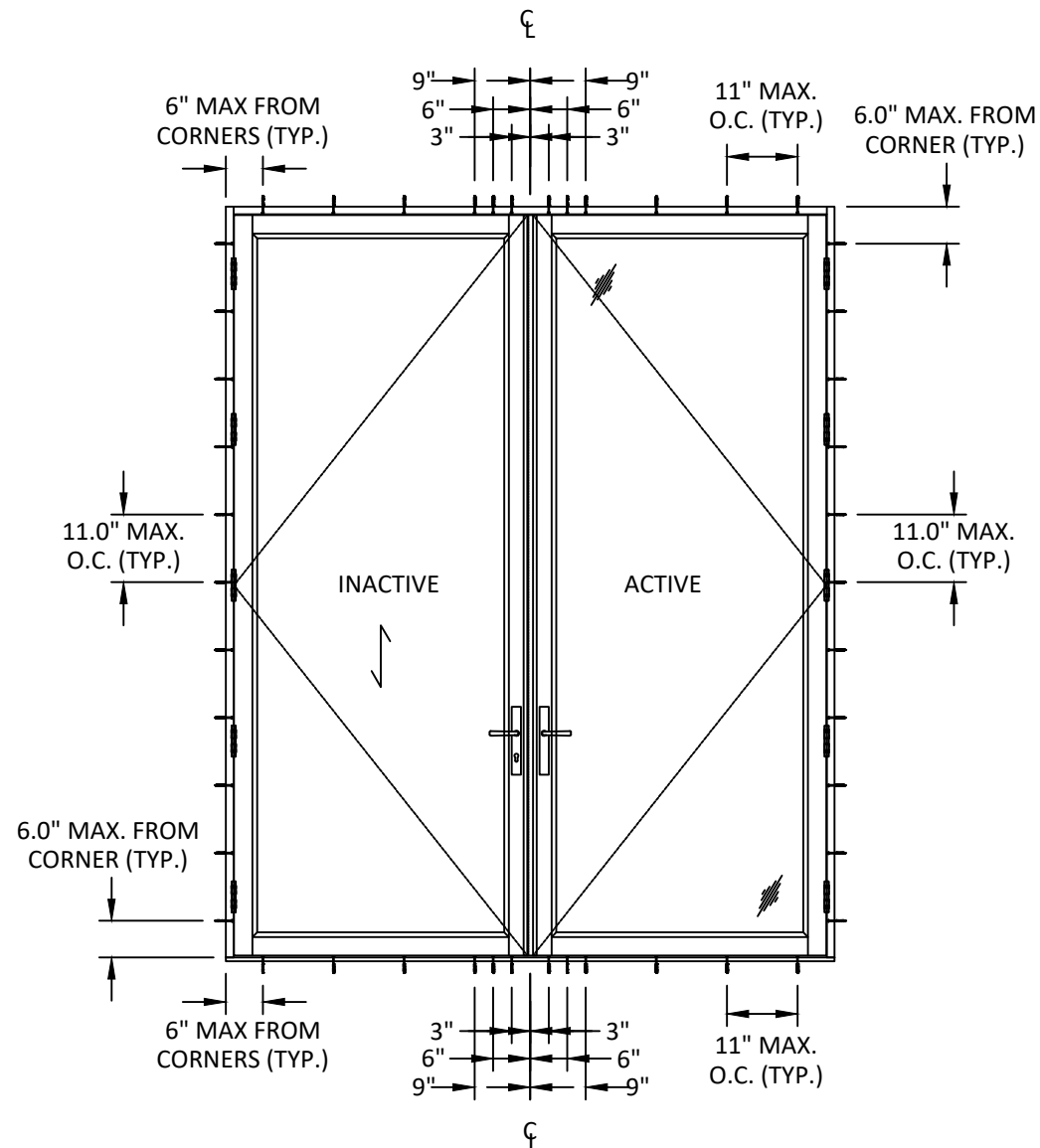


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EXTERIOR ELEVATION
(OUTSWING DOORS)



ANCHOR LAYOUT



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ELEVATION AND ANCHORS LAYOUT

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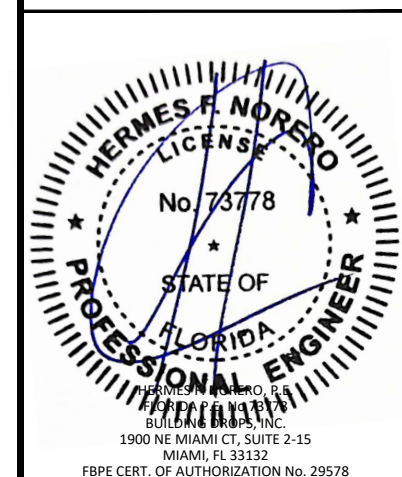
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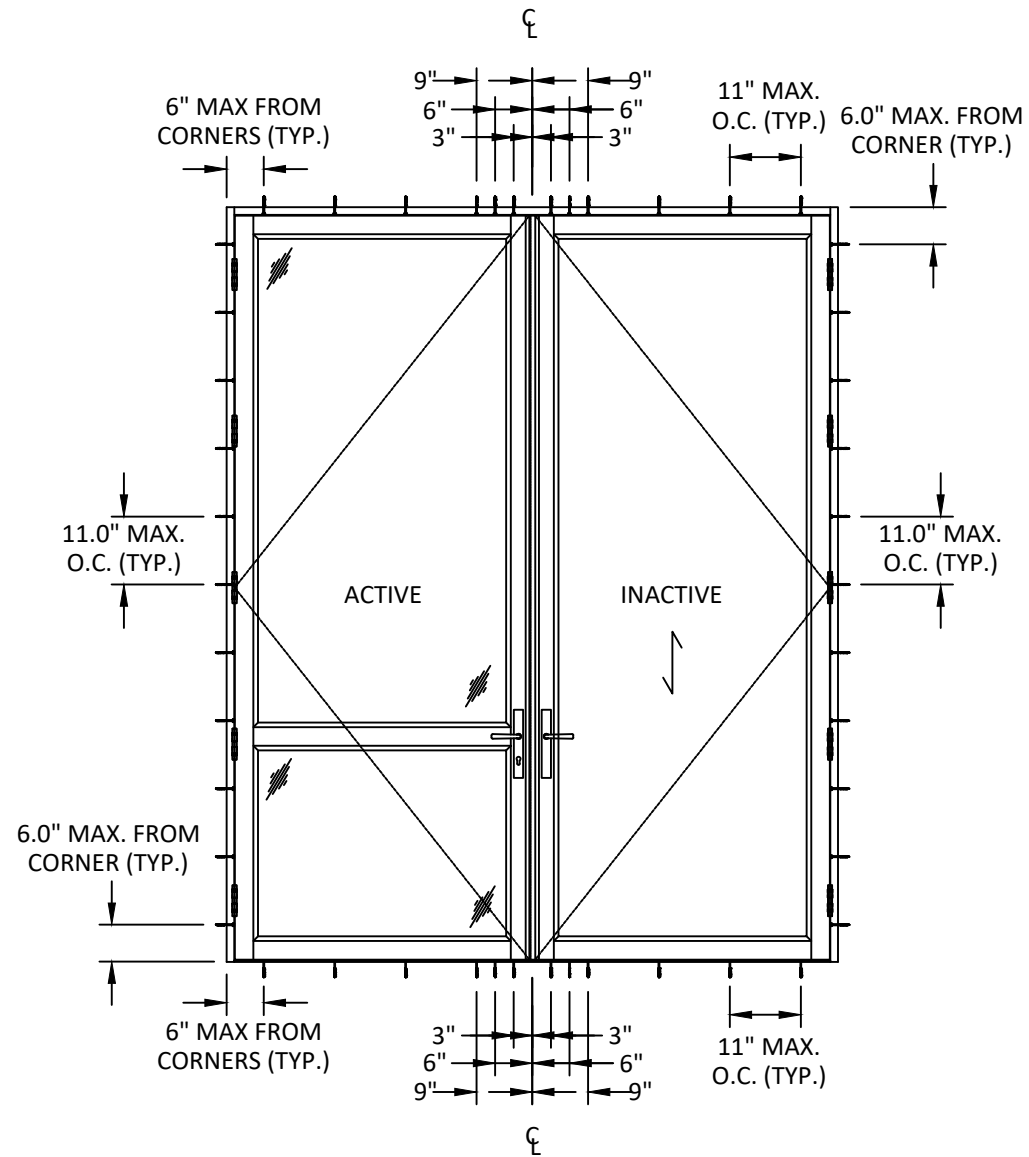
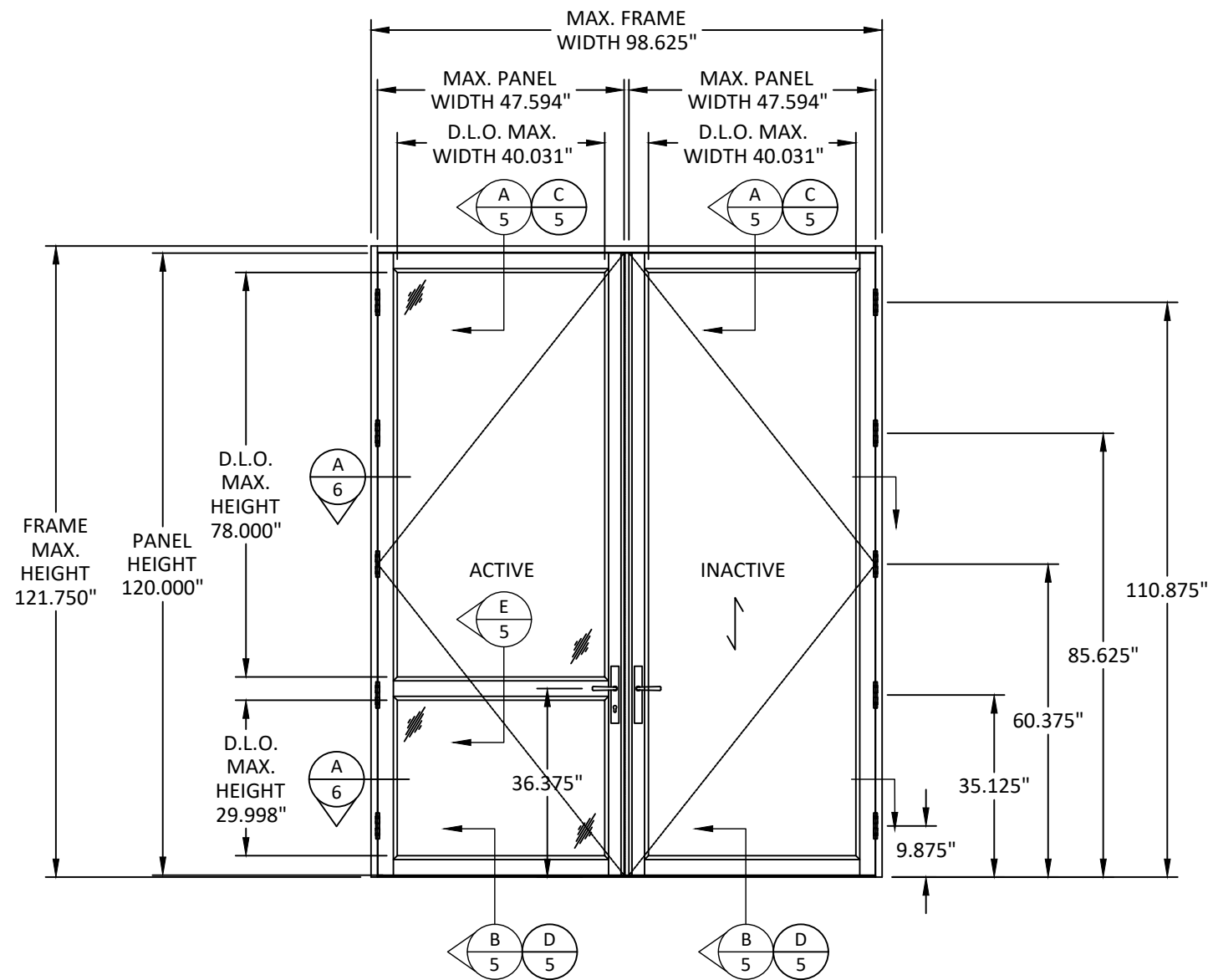
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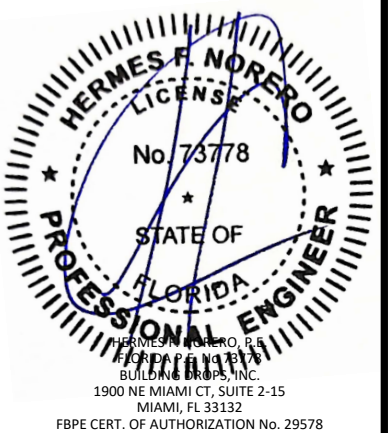
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STILE DOOR
(HVHZ)(IMPACT)**

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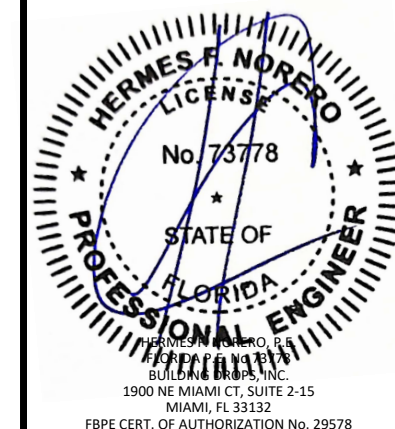
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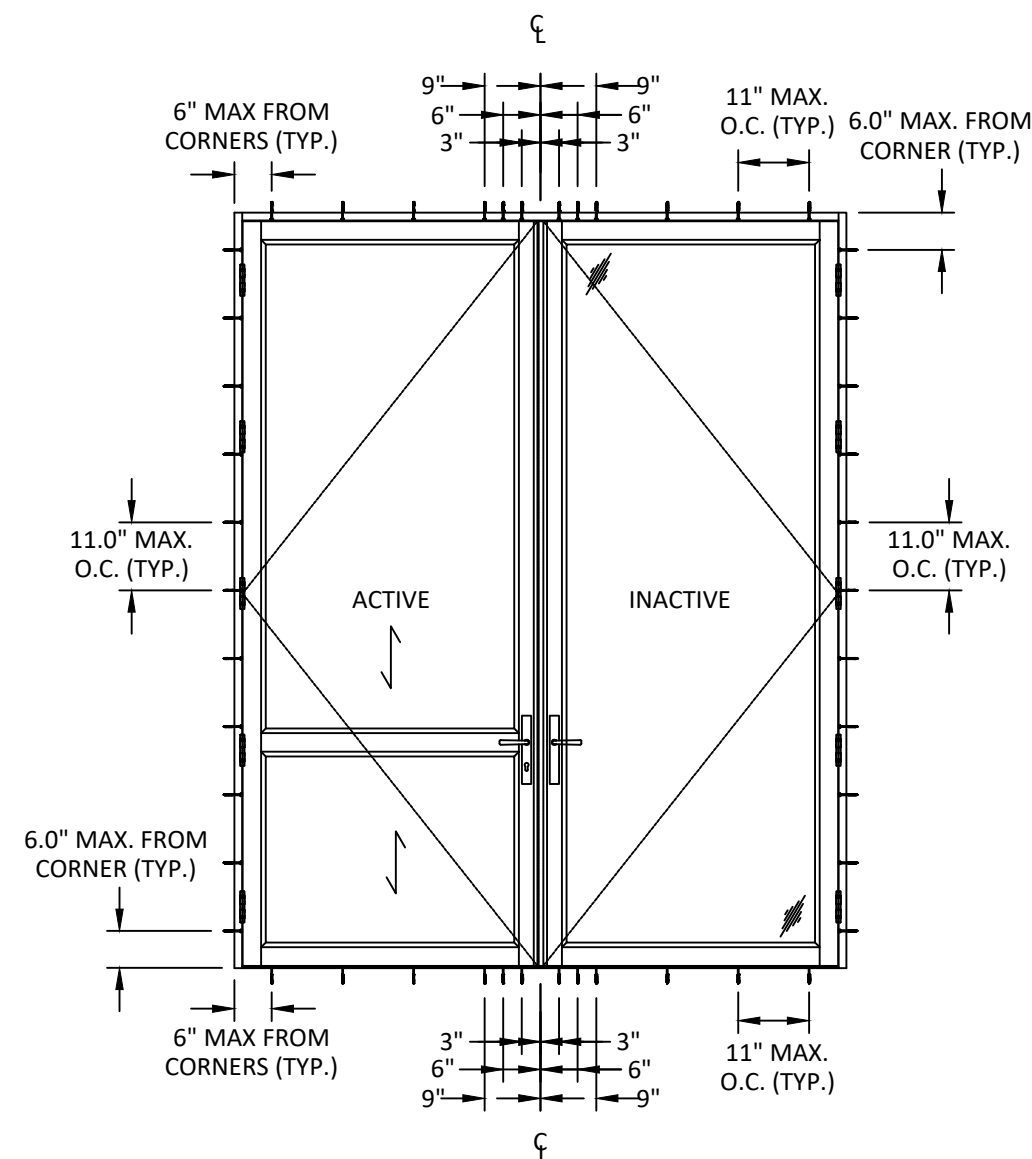
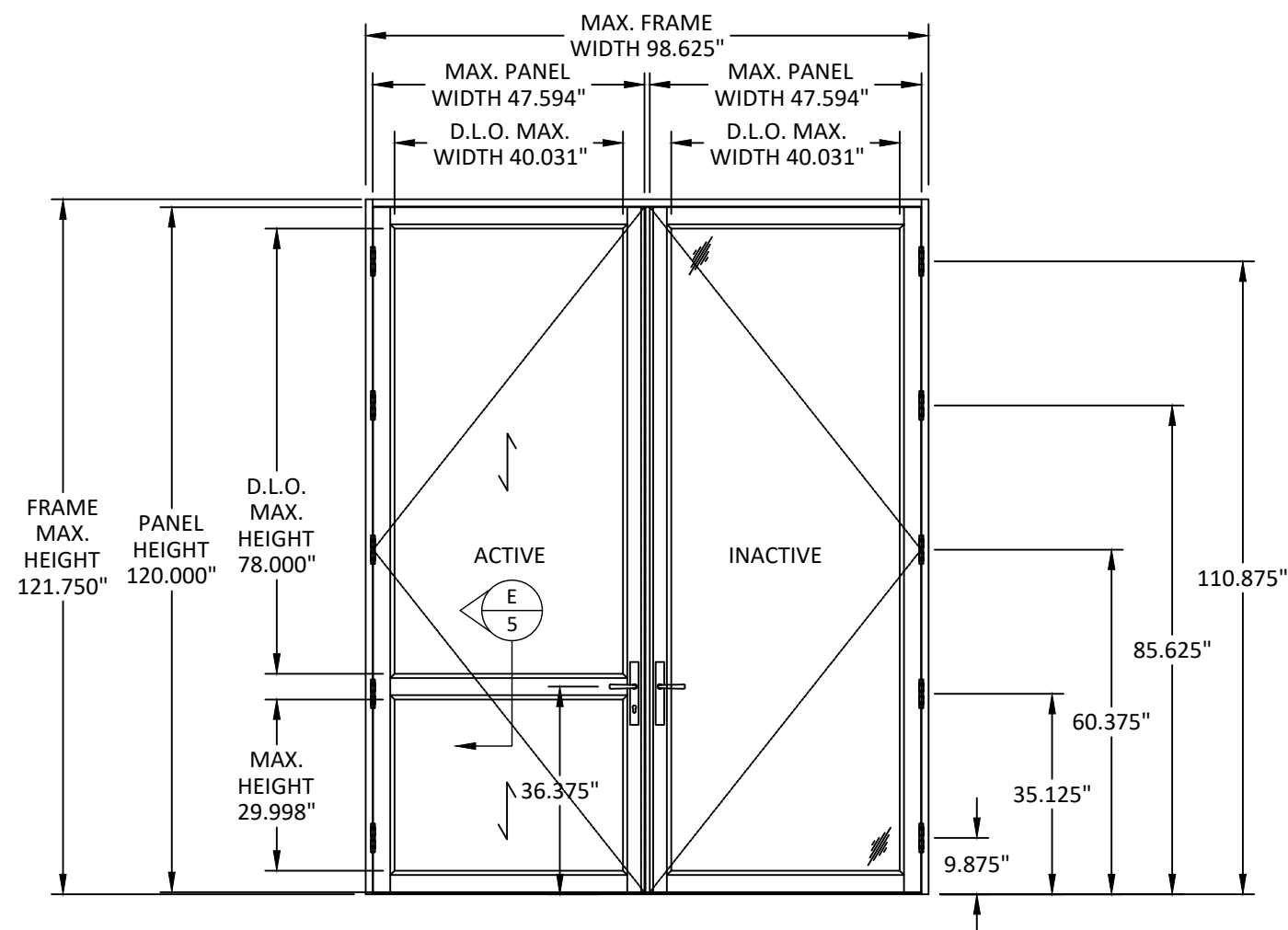
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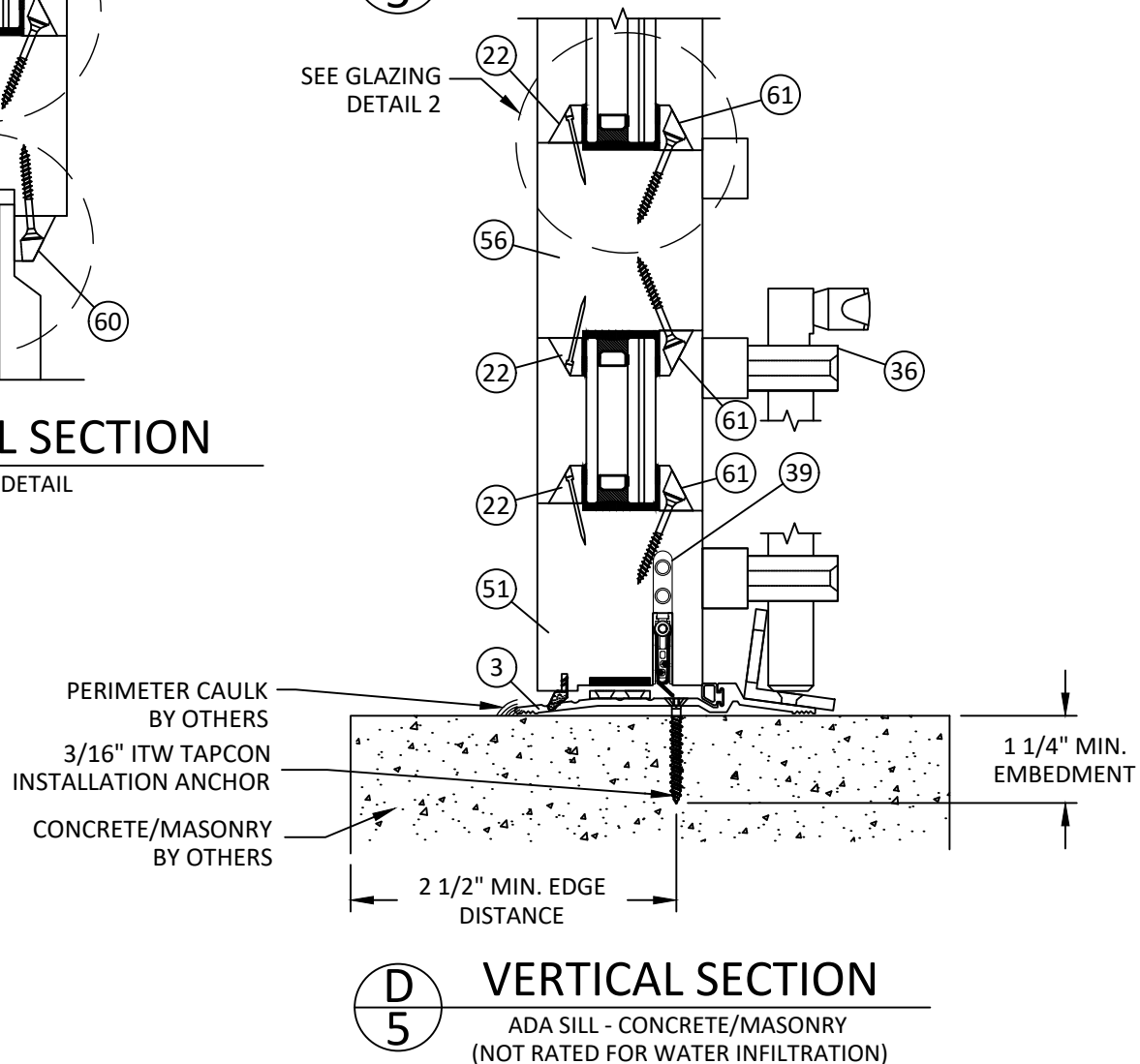
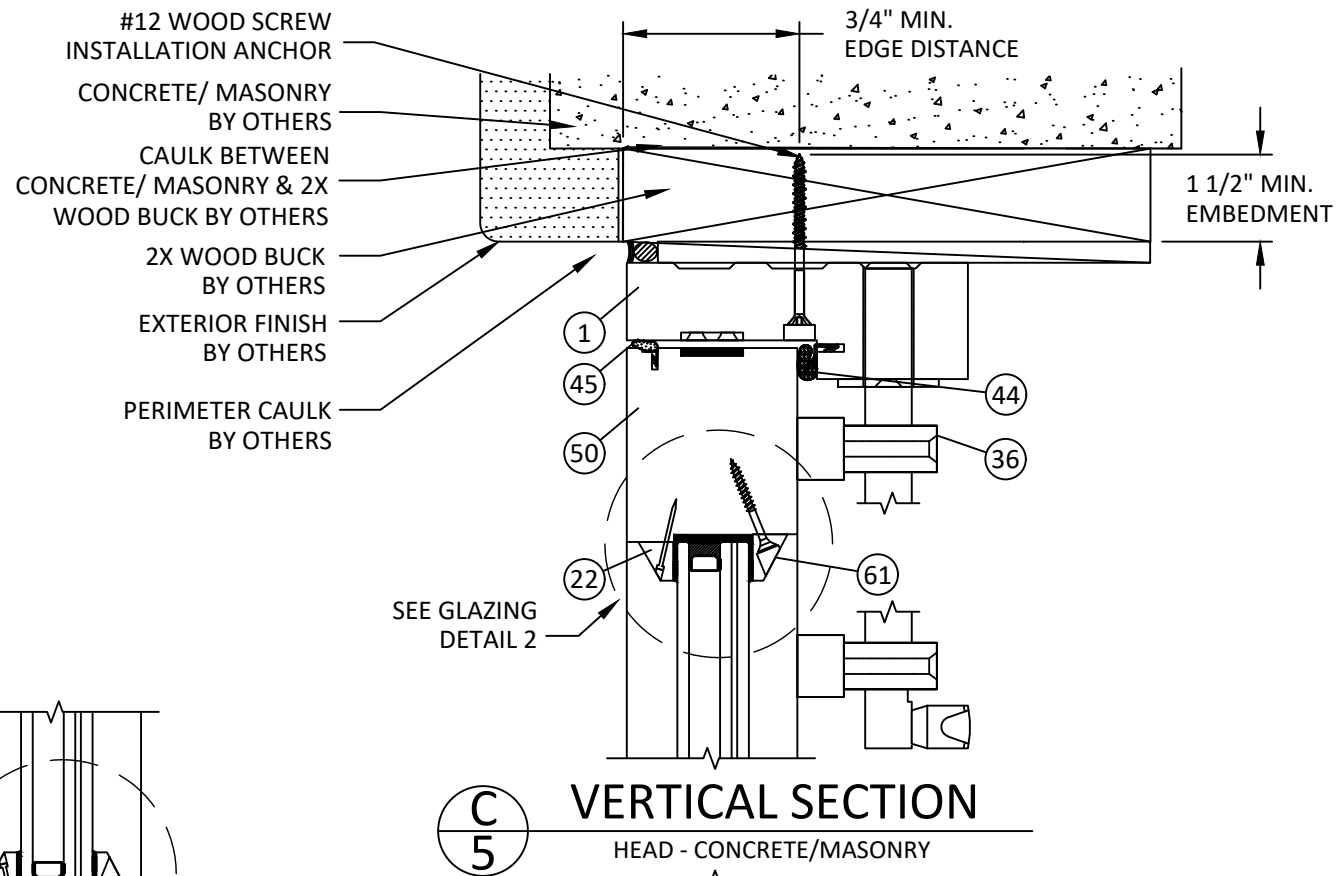
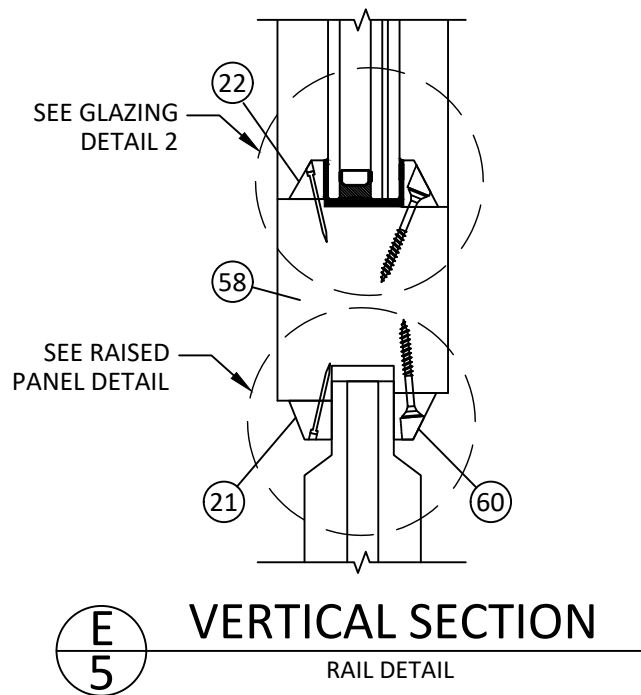
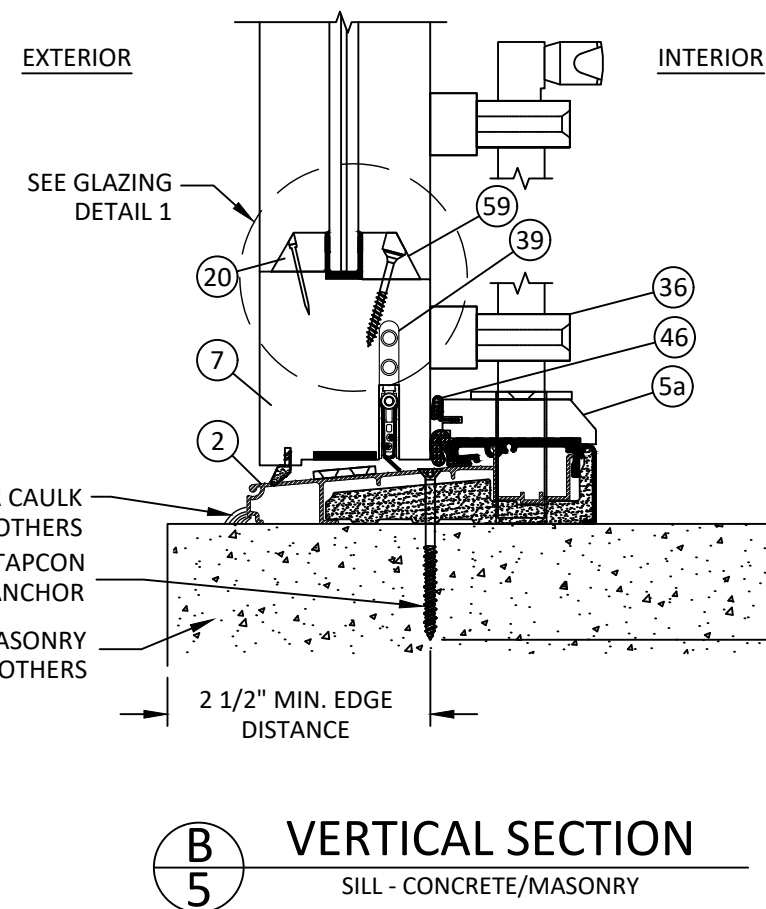
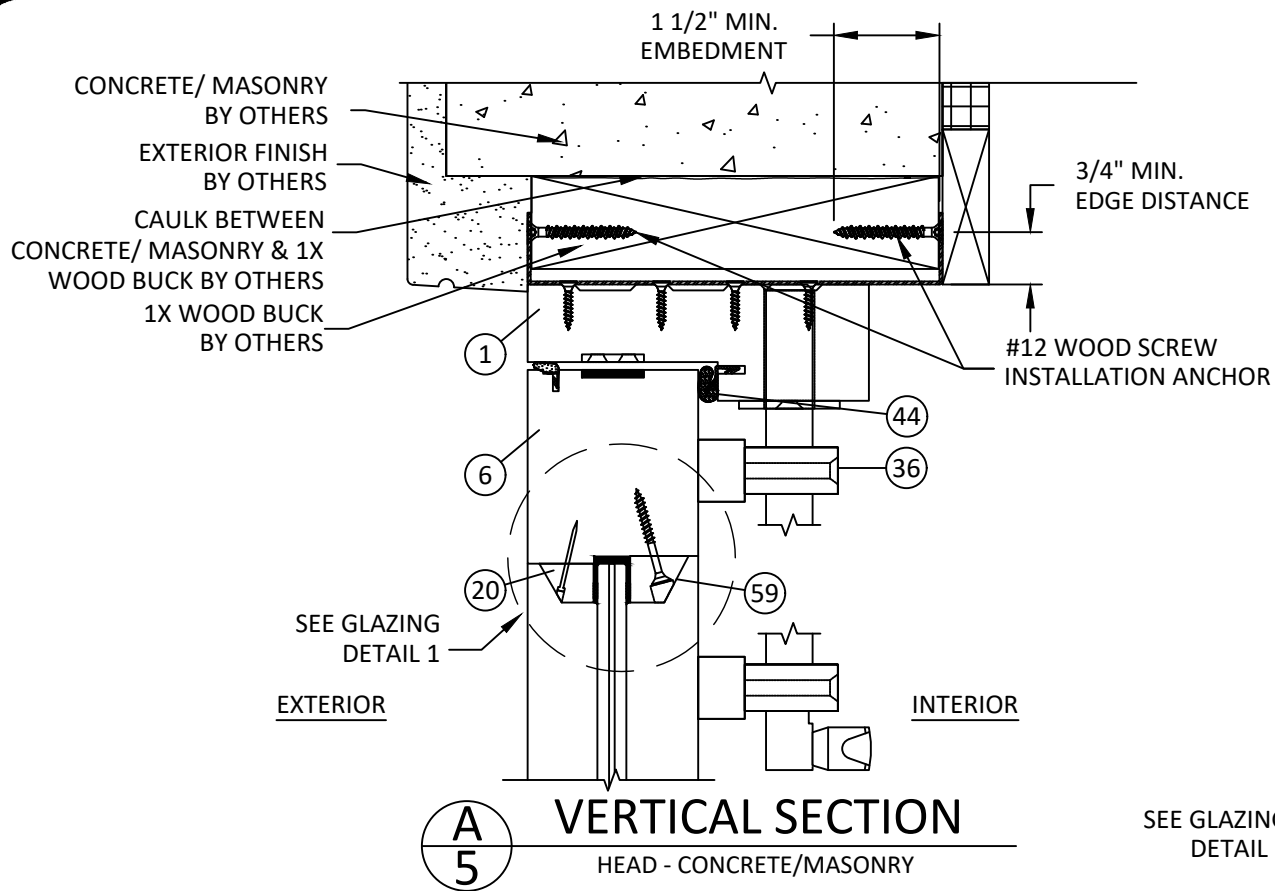
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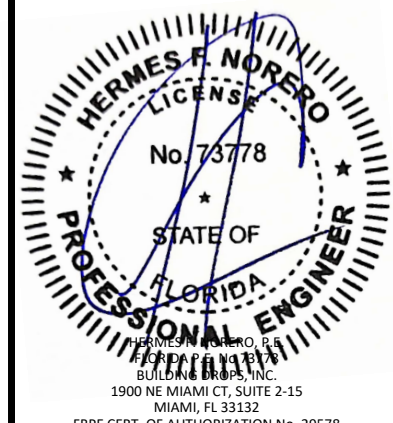
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VERTICAL SECTIONS

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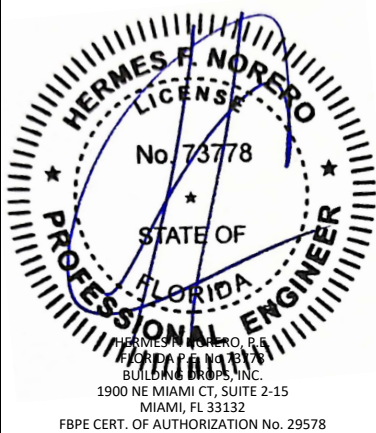
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HORIZONTAL SECTIONS

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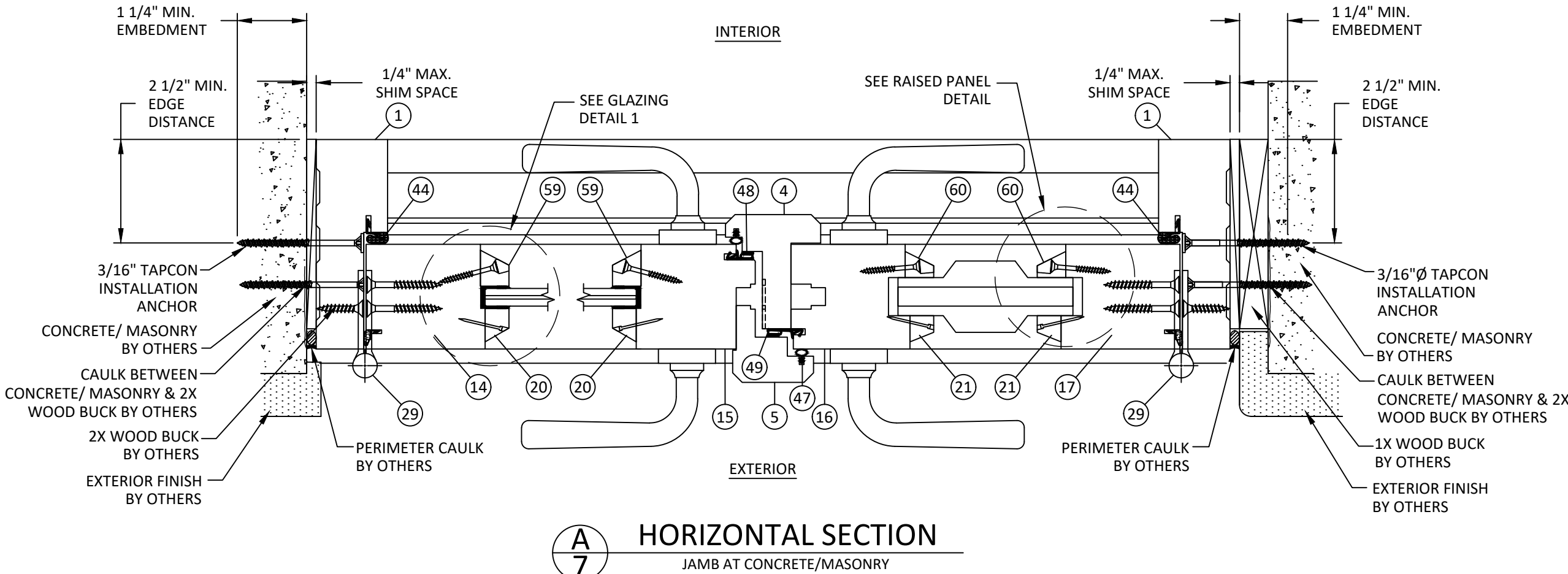


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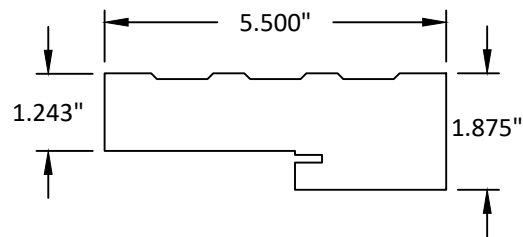
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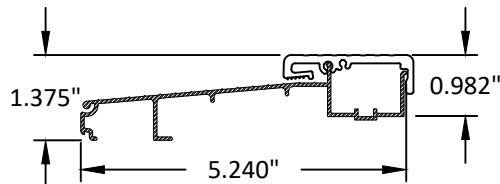
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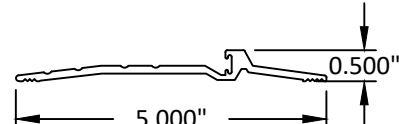
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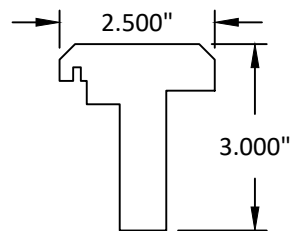
1 STD HEAD AND JAMB WOOD



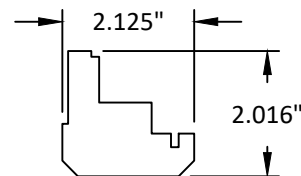
2 STANDARD SILL ALUMINUM/PVC



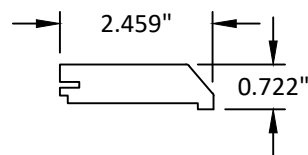
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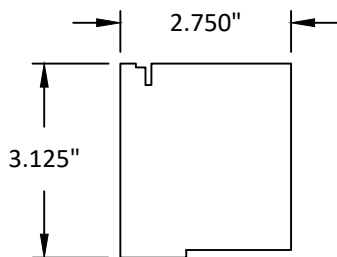
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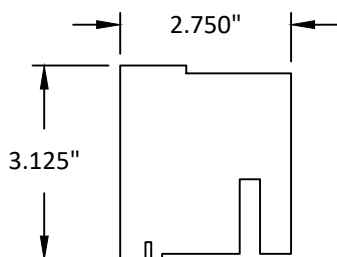
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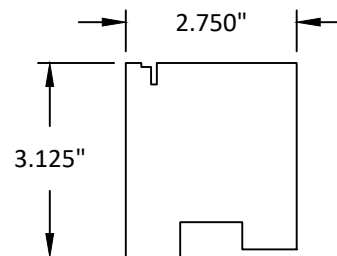
5a SILL COVER WOOD



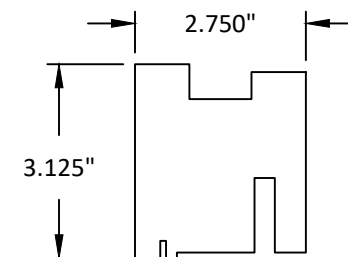
6 TOP RAIL - GLZ1 WOOD



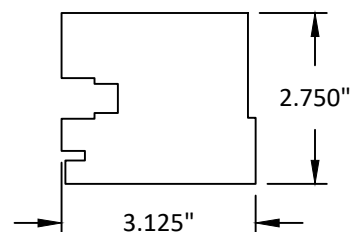
7 BOTTOM RAIL - GLZ1 WOOD



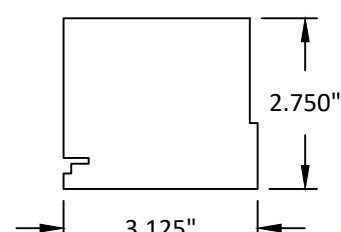
8 TOP RAIL OPQ DOOR WOOD



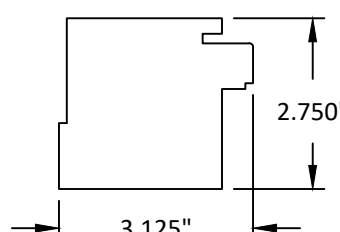
9 BOTTOM RAIL OPQ DOOR WOOD



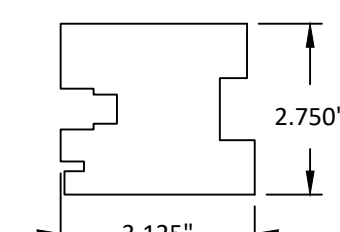
12 INACTIVE LOCK STILE - GLZ1 WOOD



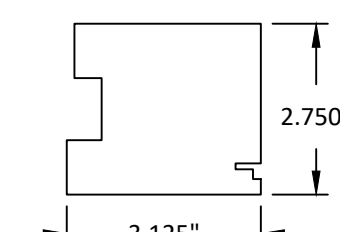
14 HINGE SIDE STILE - GLZ1 WOOD



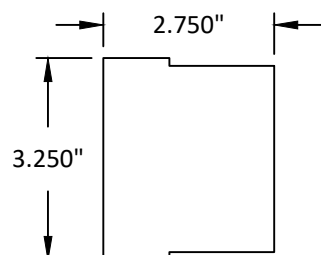
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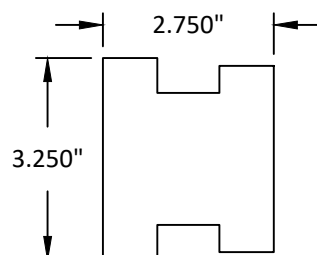
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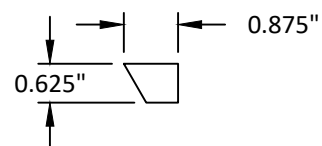
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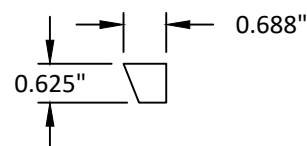
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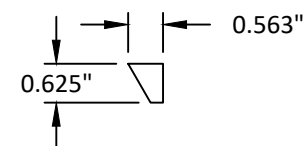
19 MIDDLE RAIL - OPQ WOOD



20 MOULDING - GLZ1 WOOD (EXTERIOR)



21 MOULDING -OPQ WOOD (EXTERIOR)



22 MOULDING - GLZ 2 WOOD (EXTERIOR)



4918 CEDAR AVENUE
PHILADELPHIA, PA 19143

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

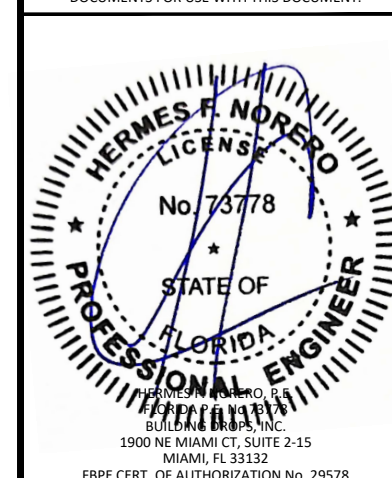
TITLE: 10' OUTWING NARROW
STILE DOOR
(HVHZ)(IMPACT)
COMPONENTS

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



REMARKS	BY	DATE
2026 FBC UPDATE	LS	07/26

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.



FL #:	FL11217
DATE:	07.04.19
DWG. BY:	EG
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	CAB053
SHEET:	8
REV.	A
OF	9

