

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

Documents Prepared By:
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P.E. No. 43409

R^W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33486
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FBPE Registry No. 9813

73.88" MAX. O.A.
FRAME WIDTH

122" MAX. O.A. FRAME HEIGHT

X

PIVOT HINGE
PT. @ 22"

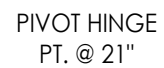
GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection, this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and excludes Wind Zone 4 as defined in ASTM E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

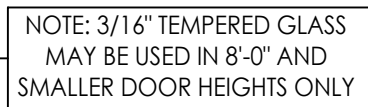
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3	Elevations
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6	Buck & frame anchoring
7	Bill of materials & components

PIVOT HINGE LOCATION	MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
PIVOT HINGE PT. @ 22"	73.88" X 122.0"	60.0" X 105.0"	G1	+50.0	-50.0

DATE: 2/06/25		REVISIONS NO. DATE BY	
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-47453.1			
SHEET 1 OF 7			
PRODUCT:		US DOOR & MORE PIVOT DOOR	
PART OR ASSEMBLY:		TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	

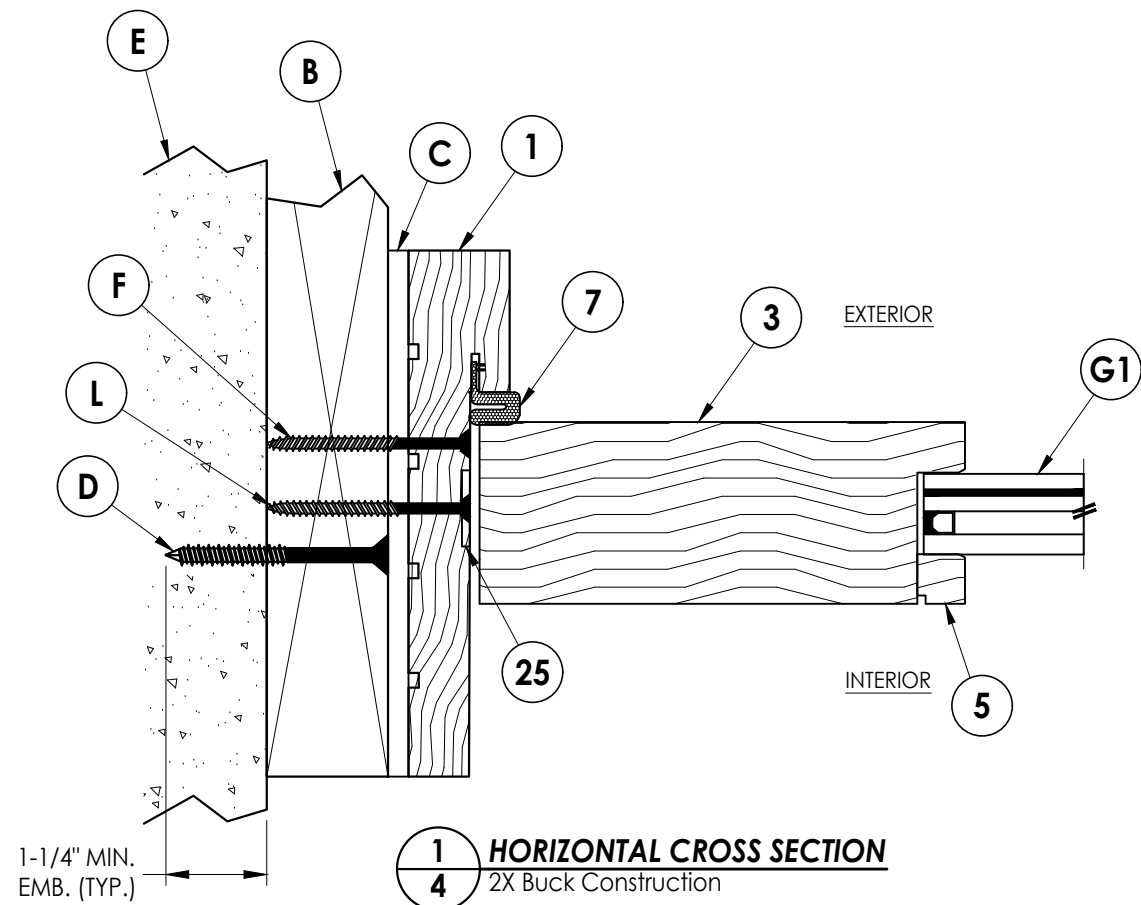


40 DOOR PANEL
WOOD

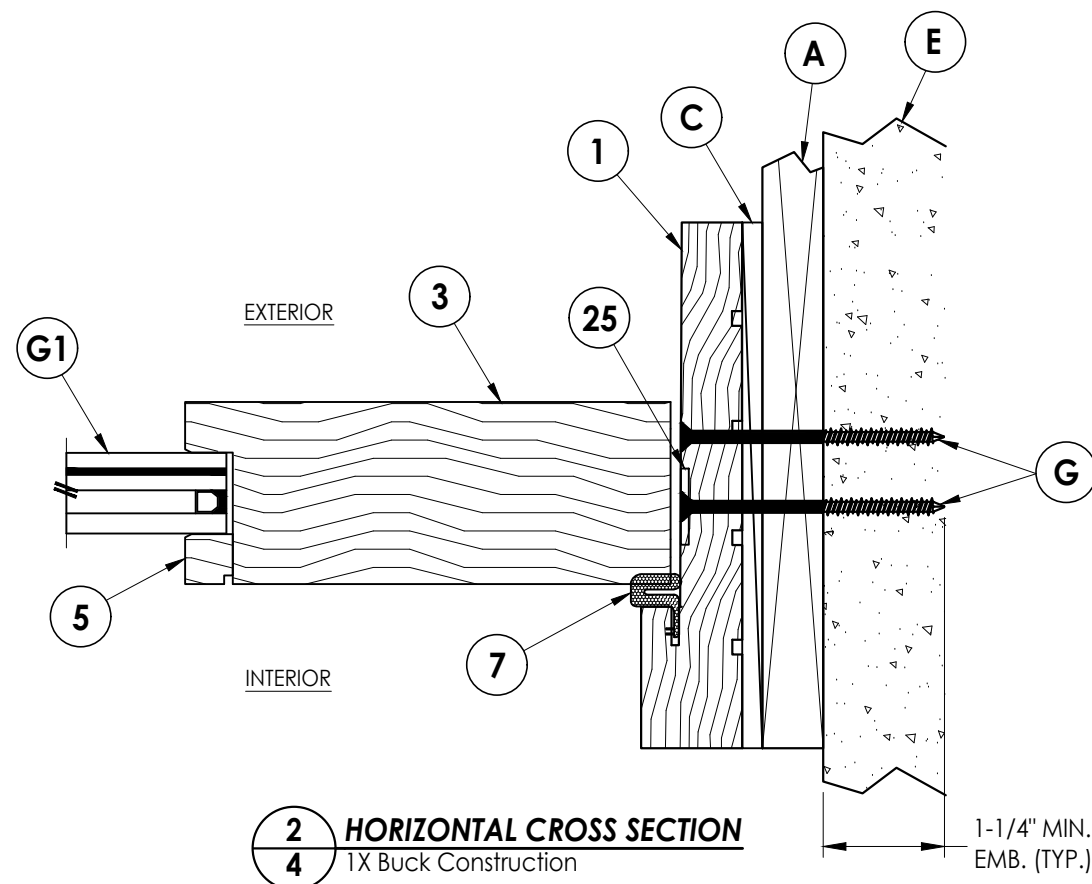
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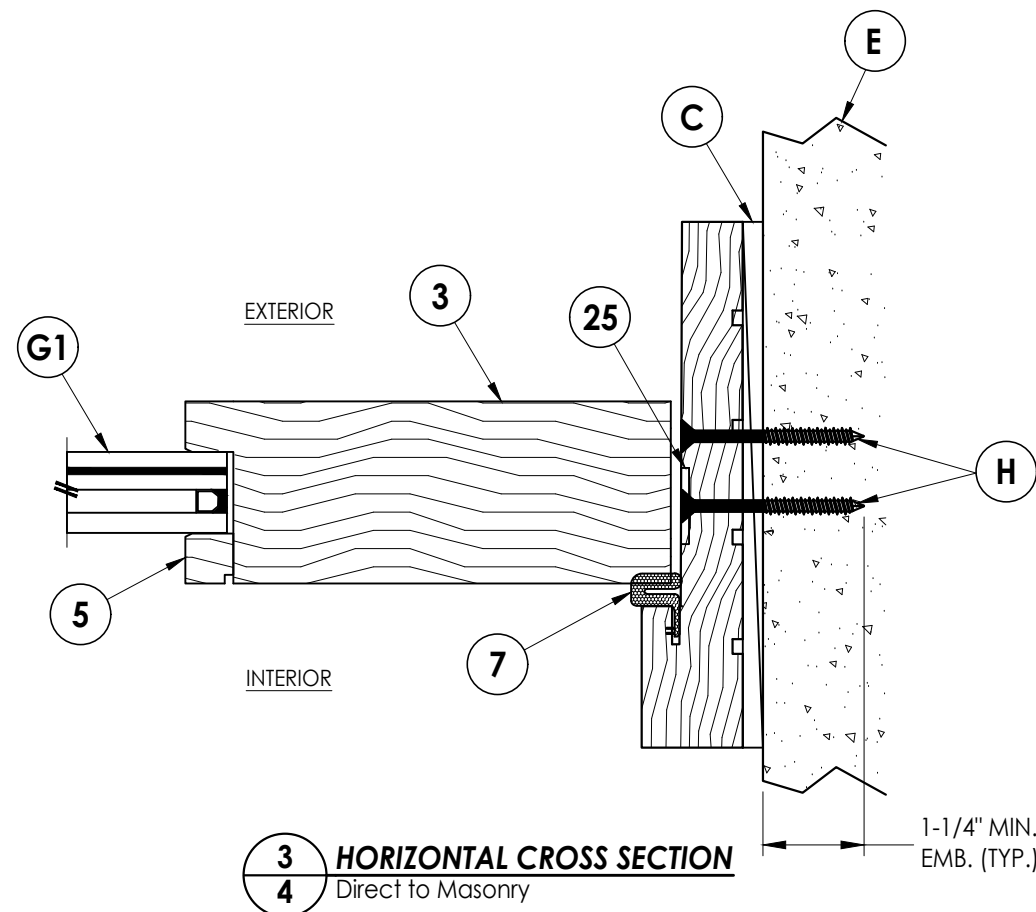


1 4 **HORIZONTAL CROSS SECTION** 2X Buck Construction



2 HORIZONTAL CROSS SECTION

4 1X Buck Construction



3 **HORIZONTAL CROSS SECTION**

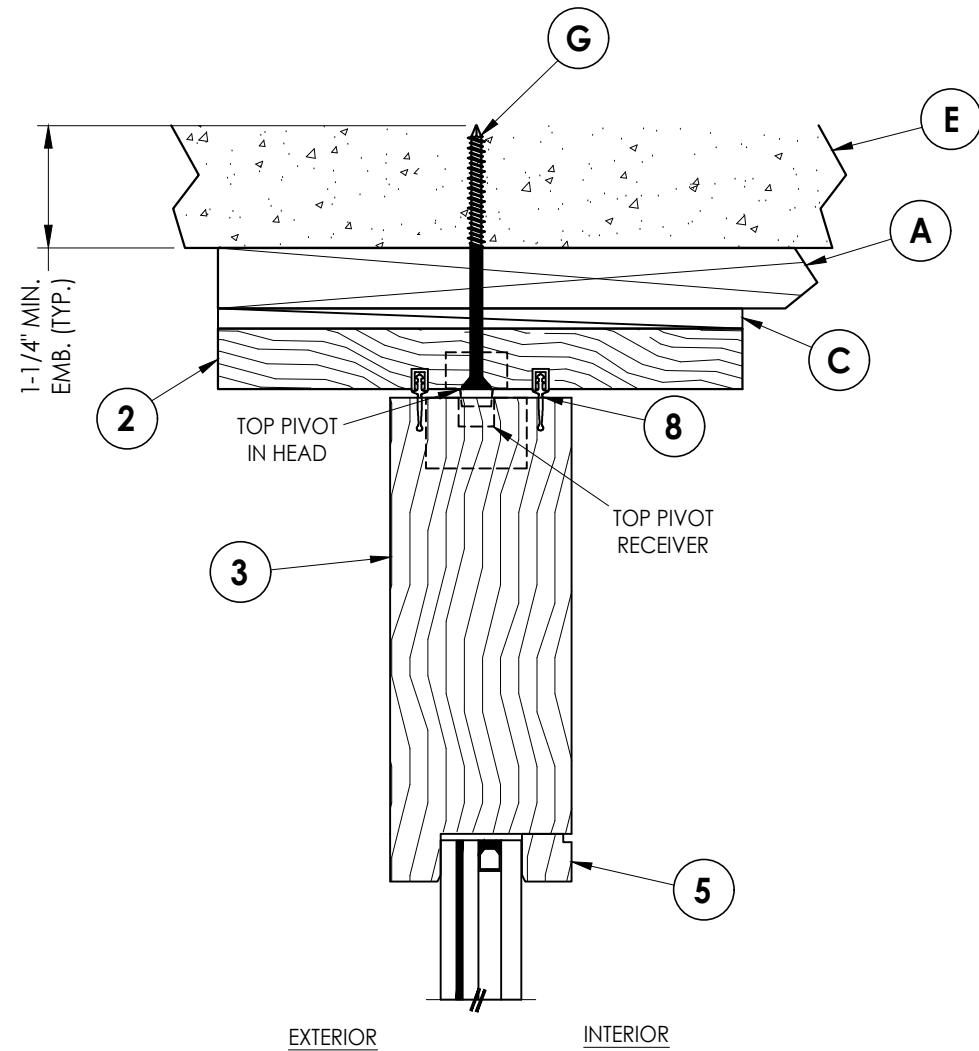
4 Direct to Masonry

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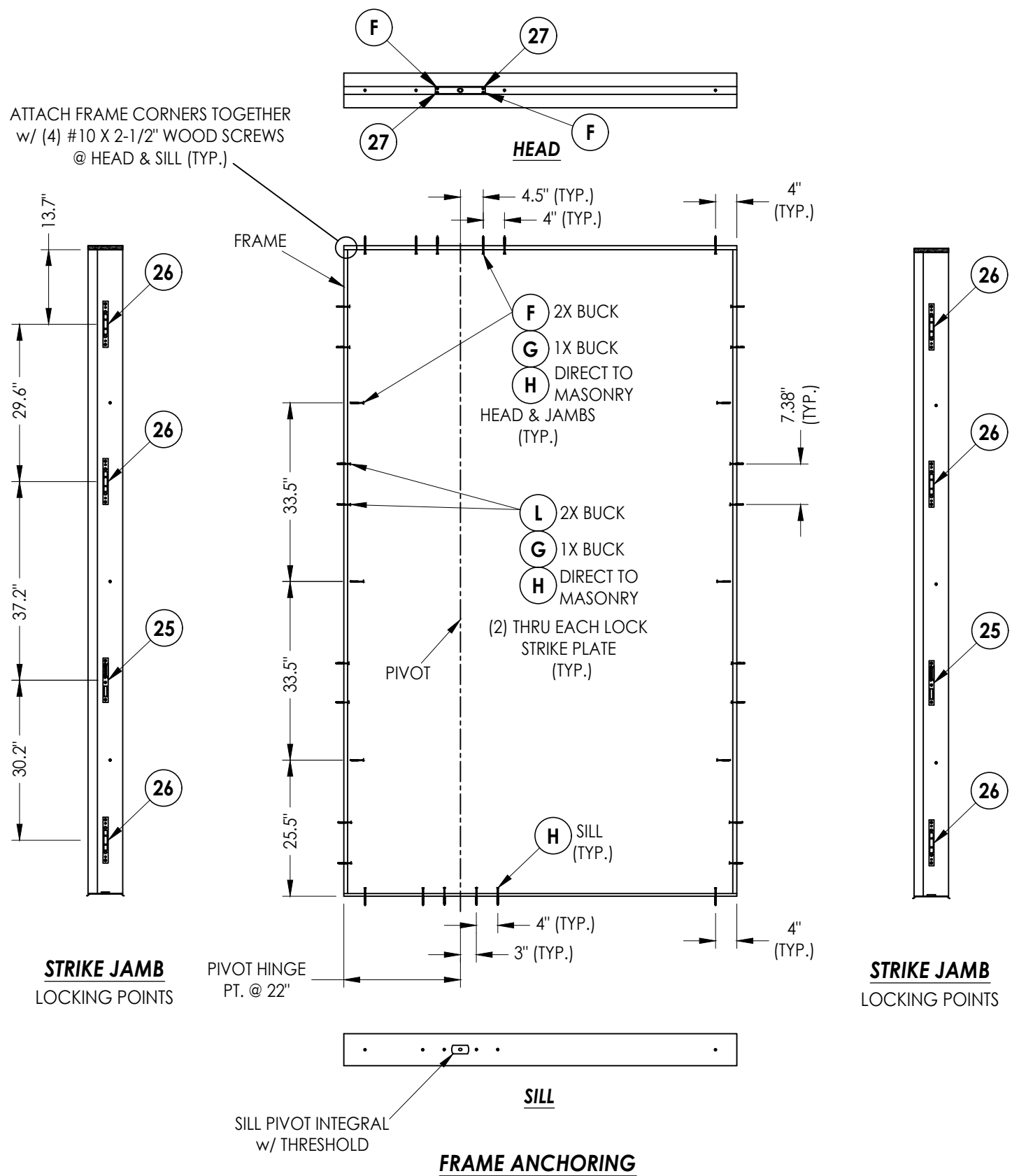
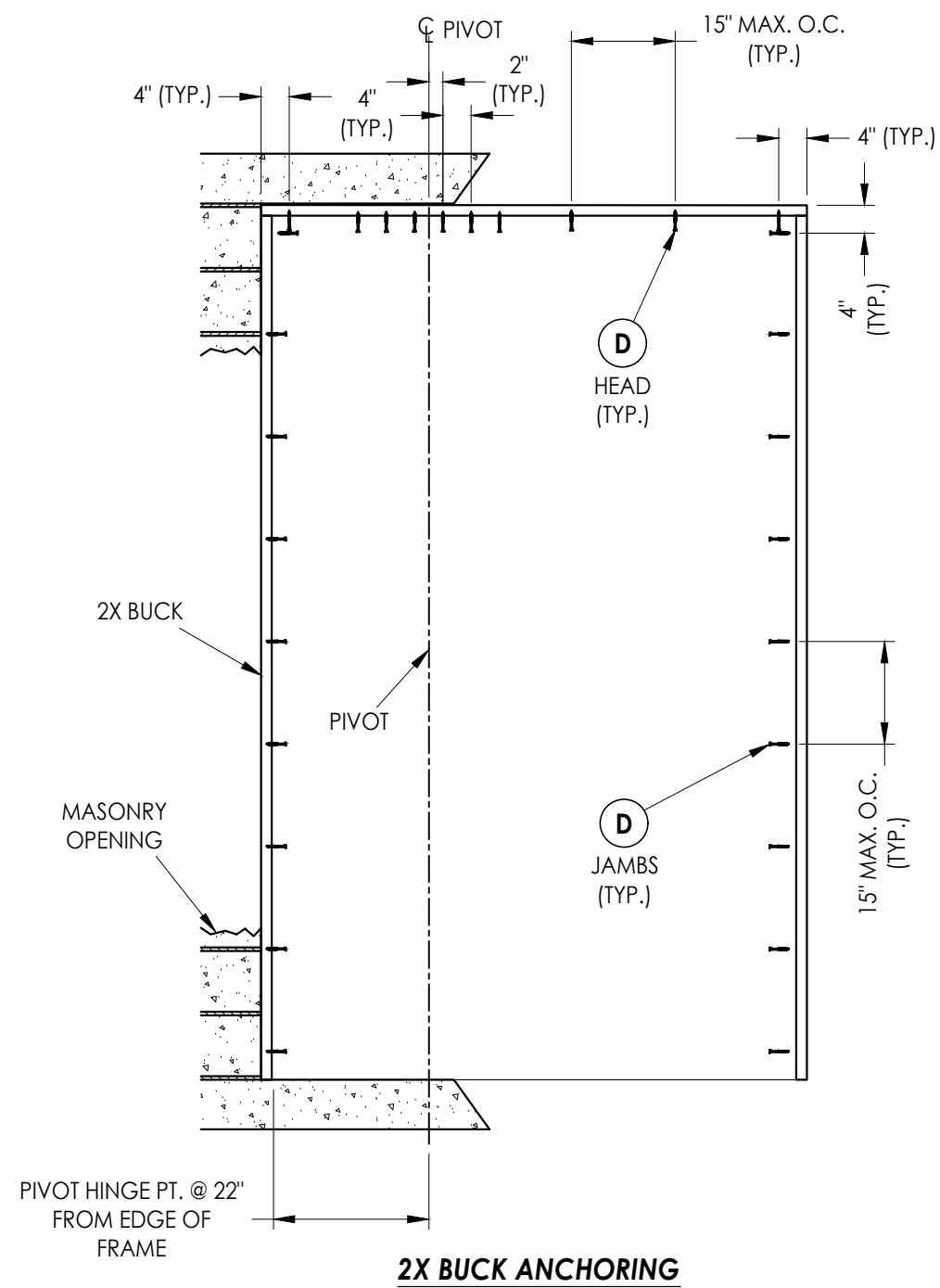
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3 VERTICAL CROSS SECTION



DATE:	2/06/25
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-47453.1
SHEET	5 OF 7

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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" FH DeWALT CONCRETE SCREW (1-1/4" MIN. EMBEDMENT)	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2-1/2" PFH WOOD SCREW	STEEL
G	1/4" X 3-1/4" FH DeWALT CONCRETE SCREW (1-1/4" MIN. EMBEDMENT)	STEEL
H	1/4" X 2-1/4" FH DeWALT CONCRETE SCREW (1-3/4" MIN. EMBEDMENT)	STEEL
L	#8 X 2-1/2" PFH WOOD SCREW	STEEL
1	WOOD JAMB	WOOD
2	WOOD HEAD	WOOD
3	WOOD STILE & TOP RAIL	WOOD
4	WOOD BOTTOM RAIL	WOOD
5	GLASS STOP (7/8")	WOOD
7	WEATHERSTRIP	-
8	RUBBER GASKET OR BRUSH SEAL	-
10	THRESHOLD	ALUM
23	MULTIPOINT LOCK (LATCH & DEADBOLT w/ ROUND BOLT/SWING HOOKS)	-
24	MULTIPOINT LOCK (LATCH & DEADBOLT w/ ROLLER LATCHES)	-
25	LATCH & DEADBOLT STRIKE PLATE	STEEL
26	ROUND BOLT/SWING HOOK/ROLLER LATCH STRIKE PLATE	STEEL
27	#10 X 1" PFH SMS	STEEL

ALL FRAME & DOOR PANEL WOOD: MERANTI (G= 0.55)

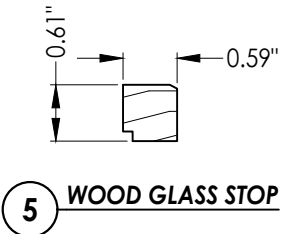
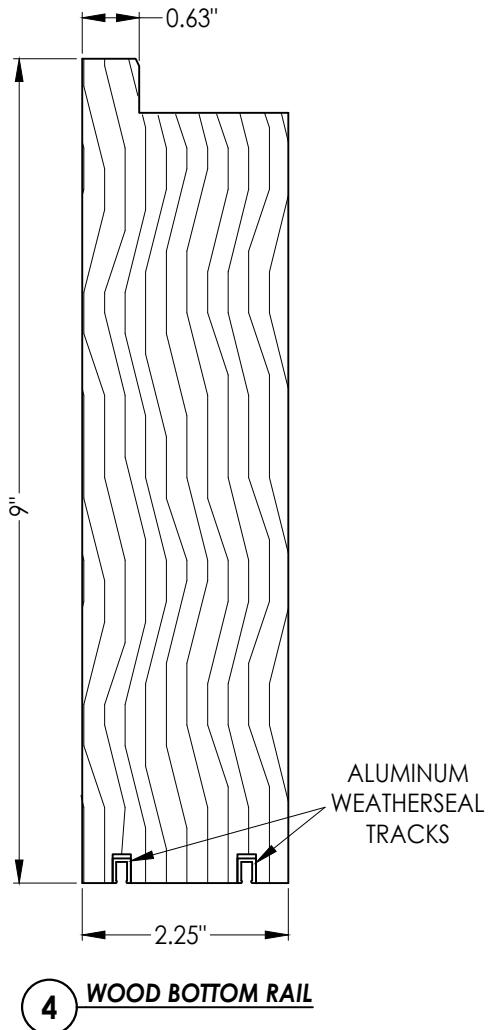
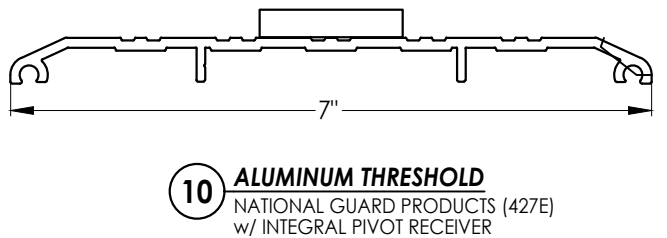
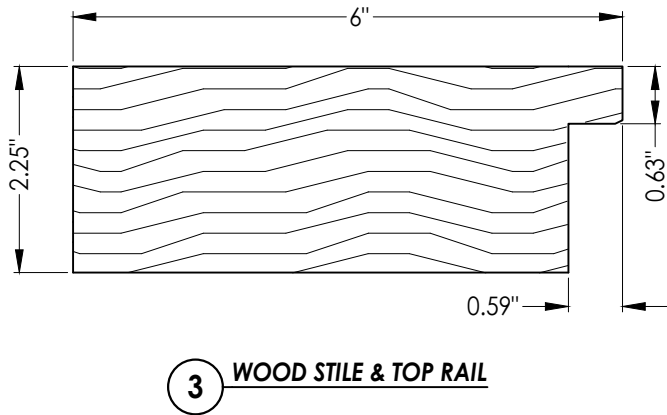
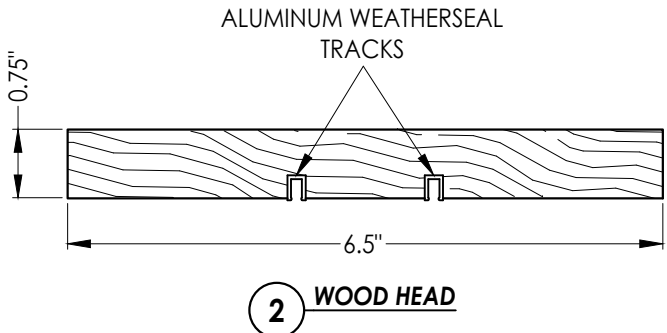
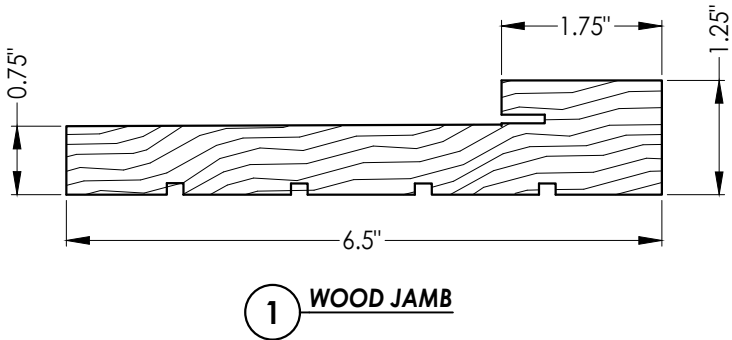
CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
3. Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT (AS SHOWN)	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
DeWALT ULTRACON [®] +	3/16"	1-1/4"	2-1/2"	1-1/2"
	1/4"	1-1/4" - 1-3/4"	2-1/2"	2"

WOOD SCREW INSTALLATION NOTES:

1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

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