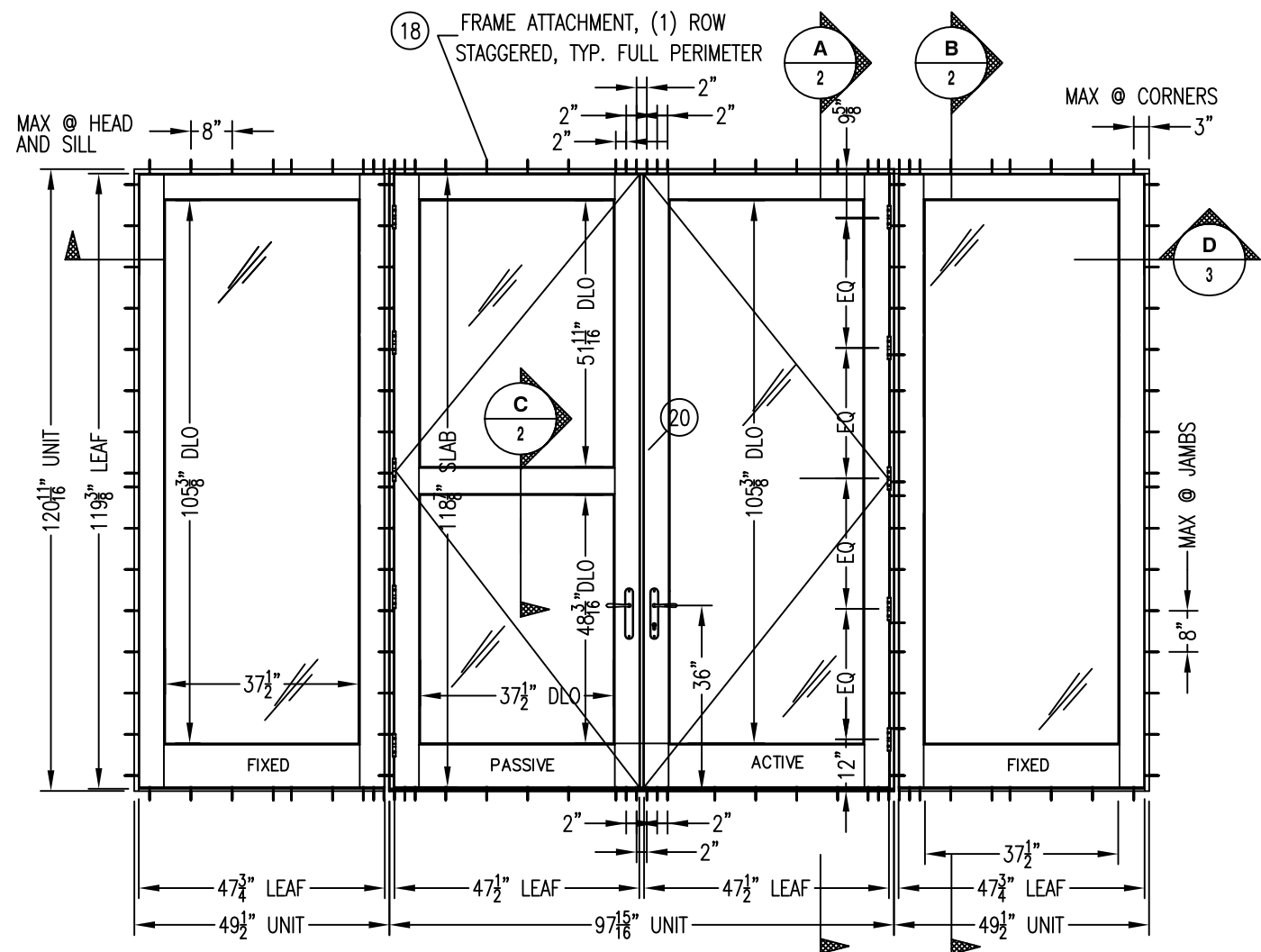


1. THIS PRODUCT, FABRICATED AND ANCHORED AS SHOWN IN THIS DRAWING, IS LARGE MISSILE IMPACT RESISTANT AND DOES NOT REQUIRE THE USE OF SHUTTERS.
2. THIS PRODUCT HAS BEEN TESTED TO TAS 201-94, TAS 202-94, AND TAS 203-94, AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, 7TH EDITION (2020), INCLUDING THE HIGH VELOCITY HURRICANE ZONE.
3. ALLOWABLE CONFIGURATIONS: O (SINGLE PANEL), X (SINGLE LEAF), XX (DOUBLE LEAF), OXO (SINGLE WITH SIDELITES, OR OXOXO (DOUBLE WITH SIDELITES)
4. THE DESIGN PRESSURE RATINGS IN THIS DRAWING ARE AS LIMITED BY ASTM E-1300 GLASS TABLES, AND TESTED PRESSURES.
5. THE 4/3 ALLOWABLE STRESS INCREASE HAS NOT BEEN USED IN THE ANCHOR ANALYSIS FOR THIS SYSTEM. THE 1.6 Cd FACTOR WAS USED IN THE ANALYSIS OF ANCHORAGE INTO WOOD SUBSTRATE.
6. ALL WOOD BUCKING OR FRAMING INDICATED IN THIS DRAWING SHALL BE SOUTHERN PINE OR BETTER, MIN. G = 0.55. INSTALLATION OF WOOD BUCKS TO THE SUBSTRATE TO BE ENGINEERED BY OTHERS OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION. WOOD FRAMING, BUCKING, OPENINGS & BUCKING FASTENERS MUST BE PROPERLY DESIGN & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE. ALL DETAILS IN THIS DRAWING WHICH SHOW INSTALLATION TO 2X WOOD APPLY EQUALLY TO WOOD FRAMING OR OPTIONAL INSTALLATION BY OTHERS OF 2X WOOD BUCKS OVER CONCRETE OR MASONRY SUBSTRATE.
7. DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE COATED OR OTHERWISE PROTECTED PER FBC TO PREVENT GALVANIC REACTIONS.
8. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & MAY NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS.
9. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
10. SHIMS SHALL BE LOAD-BEARING (PLASTIC OR METALLIC) AND CAPABLE OF TRANSFERRING APPLIED LOADS FROM THE PRODUCTS TO THE OPENING SUBSTRATES. SHIM EACH ANCHOR LOCATION WHERE GAP GREATER THAN 1/16" EXISTS BETWEEN PRODUCT FRAME AND OPENING SUBSTRATE.
11. ALL BORGZINNER WOOD FRAMING TO BE SAPELLE WITH MIN. SPECIFIC GRAVITY OF 0.46



EXTERIOR ELEVATION, OXXO
(SHOWN WITH LAMINATED GLASS, APPLIES TO PANELS ALSO)

Lucas Turner
2020.10.14
17:57:30
-05'00'

FRAME ANCHOR REQUIREMENT TABLE			
FRAME AND SILL SCREWS			
OPENING SUBSTRATE	INSTALLATION FASTENER TYPE	MINIMUM EMBEDMENT	MINIMUM EDGE DIST.
2X MIN. SOUTHERN PINE (G=0.55)	(1) #10 STAINLESS STEEL WOOD SCREW THROUGH FRAMING AT EACH LOCATION SHOWN IN ELEVATIONS SHEETS 1A AND 1B.	1 1/2"	3/4"

DESIGN PRESSURE TABLE		
CONFIGURATION	DESIGN PRESSURE RATING, PSF	IMPACT RESISTANCE
X, RAISED PANEL XX, RAISED PANEL	+/-70	LARGE OR SMALL MISSILE IMPACT
O, LAMI GLASS OR RAISED PANEL X, LAMI GLASS XX, LAMI GLASS OXO, LAMI GLASS OR RAISED PANEL OXXO, LAMI GLASS OR RAISED PANEL	+/-50	

TABLE OF CONTENTS:	
SHEET	DESCRIPTION
1A	GEN. NOTES, ELEV., ANCHOR TABLE
1B	ELEV., ALLOWABLE CONFIGS.
2	VERTICAL SECTIONS
3	HORIZ. SECTIONS, GLAZING DETAILS
4	PROFILE DRAWINGS
5	PROFILE DRAWINGS, JOINERY
6	HARDWARE DET.
7	BILL OF MATERIALS

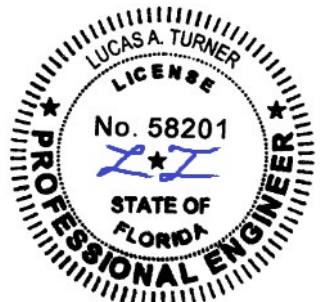
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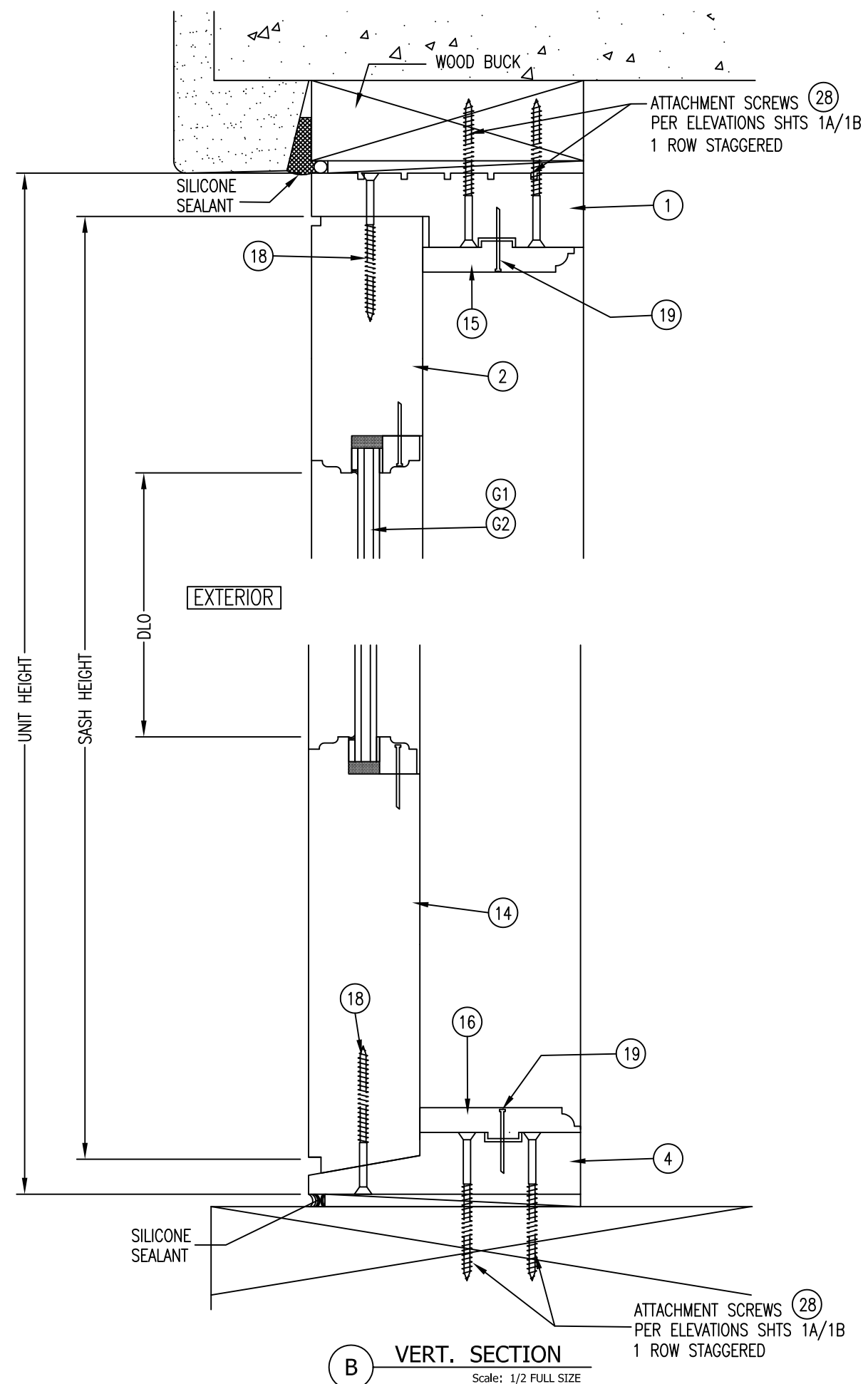
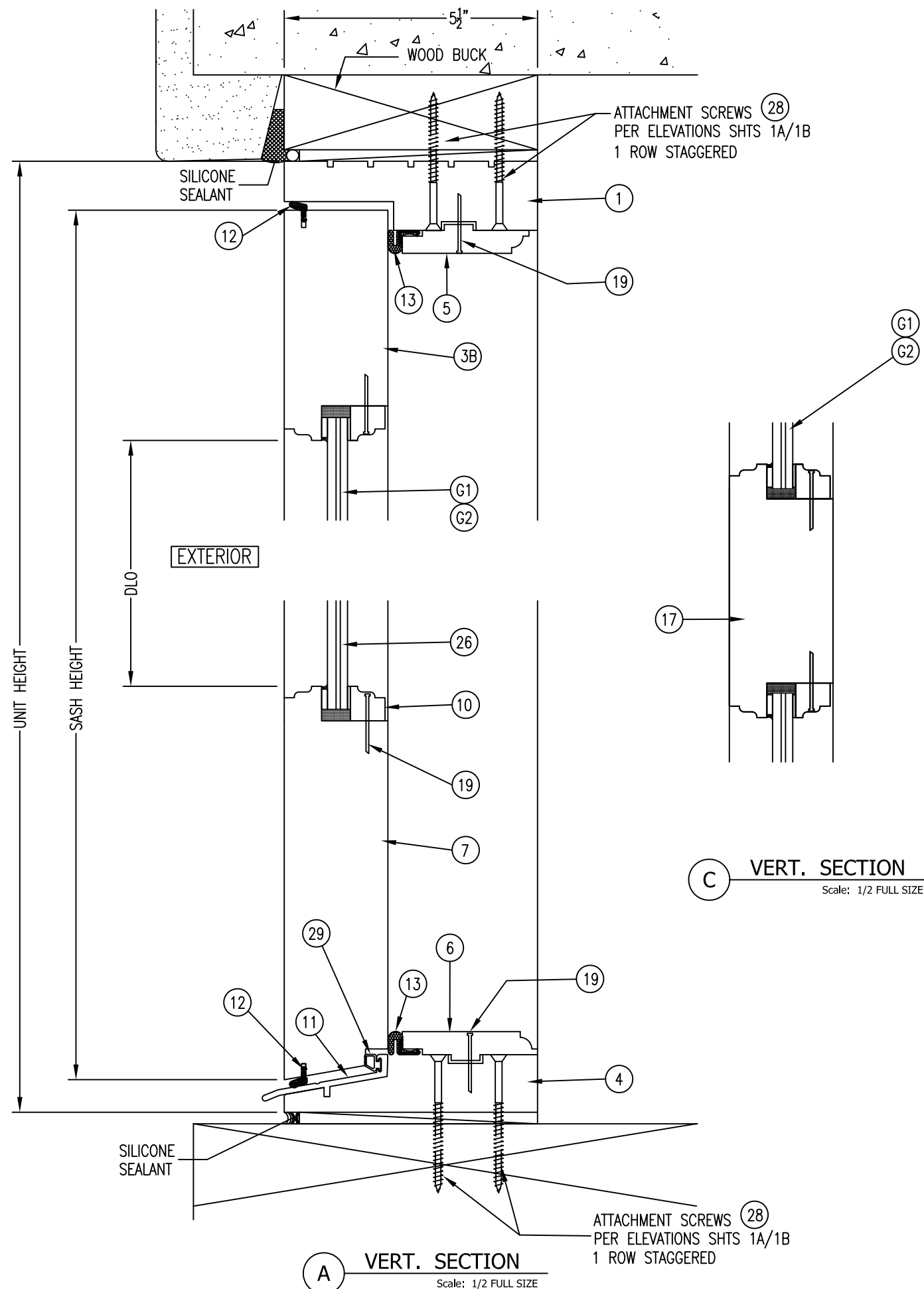


10/14/2020
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AMERICAN DOOR OUTSWING
WOOD ENTRANCE DOOR

LUCAS A. TURNER, FL PE # 58201
TURNER ENGINEERING & CONSULTING, INC.
(FBPE COA # 29779)
2428 OLD NATCHEZ TRC TRL,
CAMDEN, TN 38320
PH. 941-380-1574

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SHEET NO. 1A			



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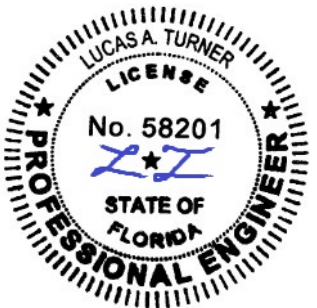


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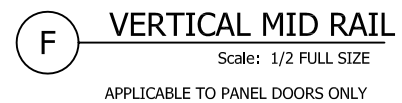
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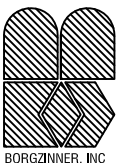
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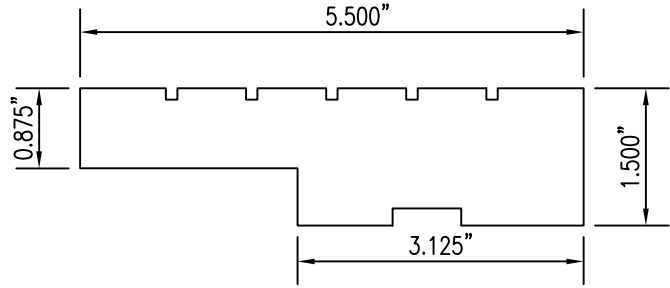
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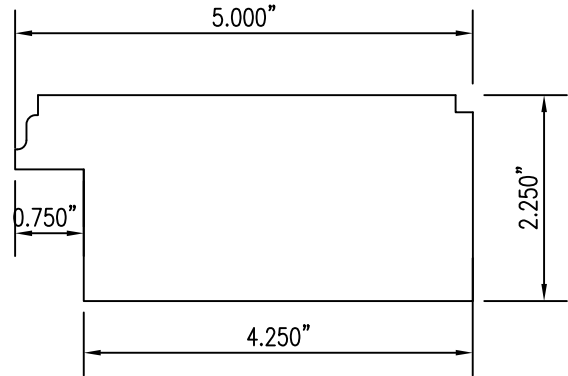
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SHEET NO.

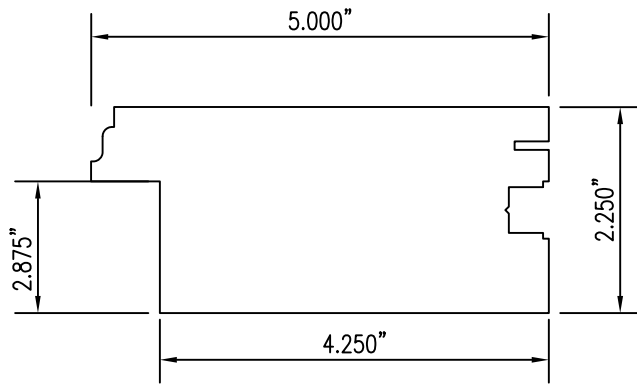
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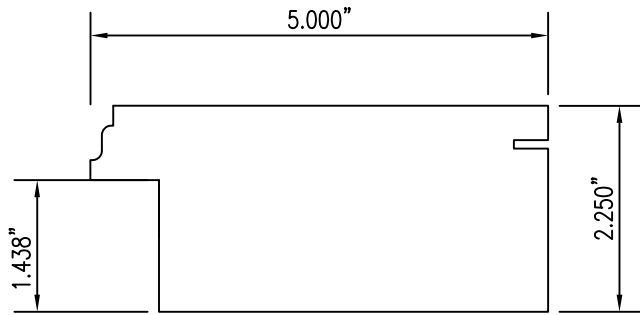
1 HEAD & JAMBS
Scale: 1/2 FULL SIZE



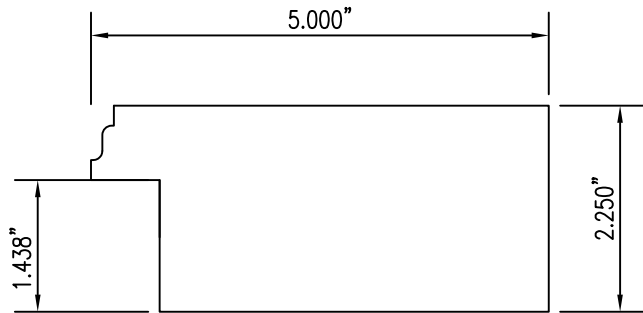
2 STILE AND RAILS - FIXED
Scale: 1/2 FULL SIZE



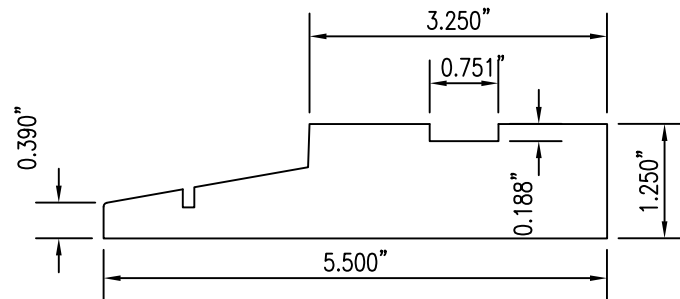
3A MEETING STILE - ACTIVE
Scale: 1/2 FULL SIZE



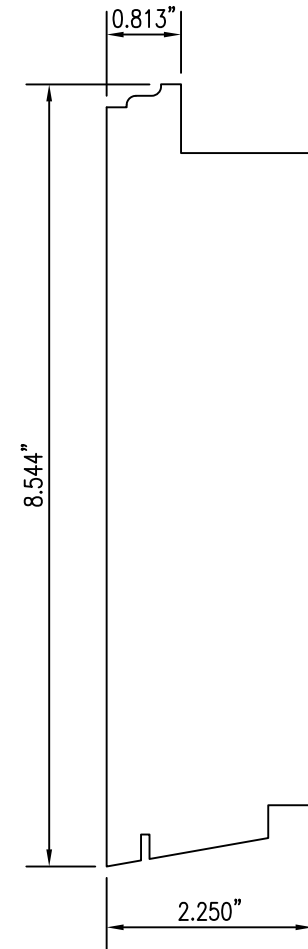
3B HIINGE STILE & TOP RAIL
Scale: 1/2 FULL SIZE



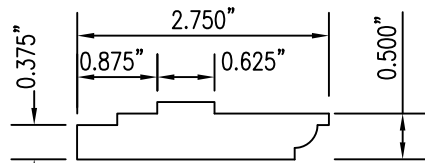
3C MEETING STILE - INACTIVE
Scale: 1/2 FULL SIZE



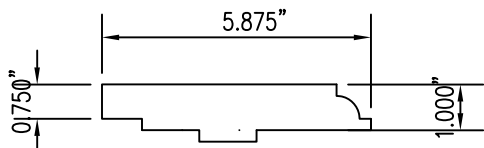
4 JAMB SILL
Scale: 1/2 FULL SIZE



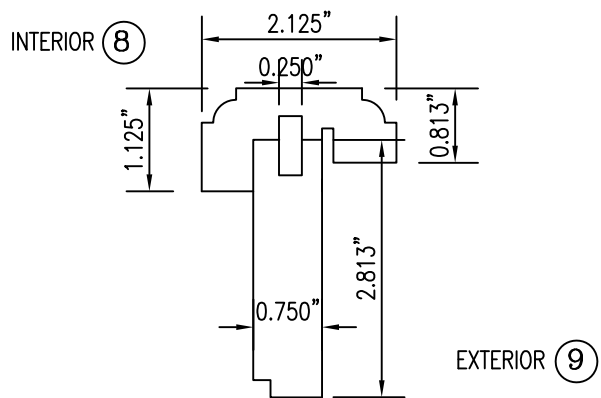
7 BOTTOM RAIL
Scale: 1/2 FULL SIZE



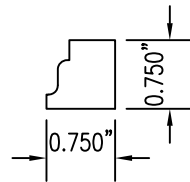
5 INTERIOR TRIM
Scale: 1/2 FULL SIZE



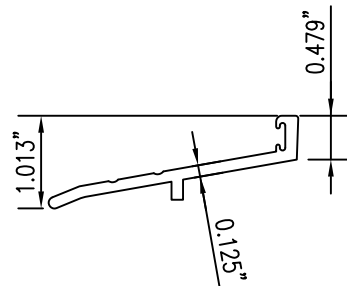
6 INTERIOR SILL TRIM
Scale: 1/2 FULL SIZE



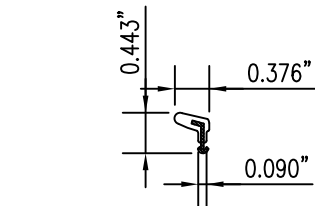
8-9 ASTRAGAL
Scale: 1/2 FULL SIZE



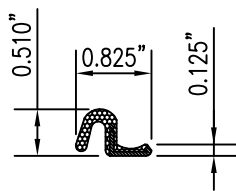
10 GLAZING STOP
Scale: 1/2 FULL SIZE



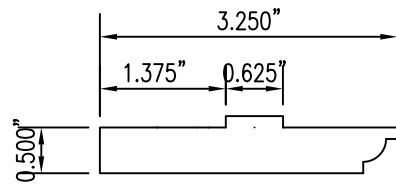
11 THRESHOLD
Scale: 1/2 FULL SIZE



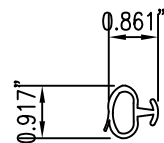
12 COMP. SEAL @ JAMBS
Scale: 1/2 FULL SIZE



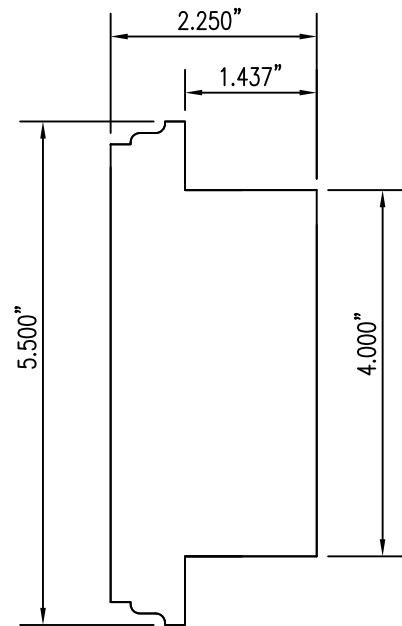
13 WEATHER SEAL
Scale: 1/2 FULL SIZE



16 INTERIOR SILL TRIM - FIXED
Scale: 1/2 FULL SIZE



29 SILL COMP. SEAL
Scale: 1/2 FULL SIZE



17 MID RAILS
Scale: 1/2 FULL SIZE



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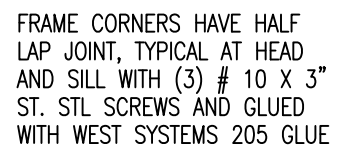
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WOOD ENTRANCE DOOR

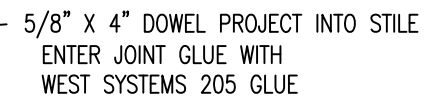
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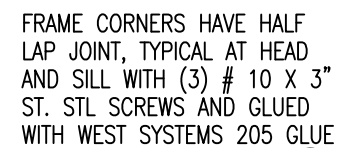
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A FRAME CORNER JONT



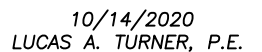
B LEAF CORNER JONT



C FRAME CORNER JONT



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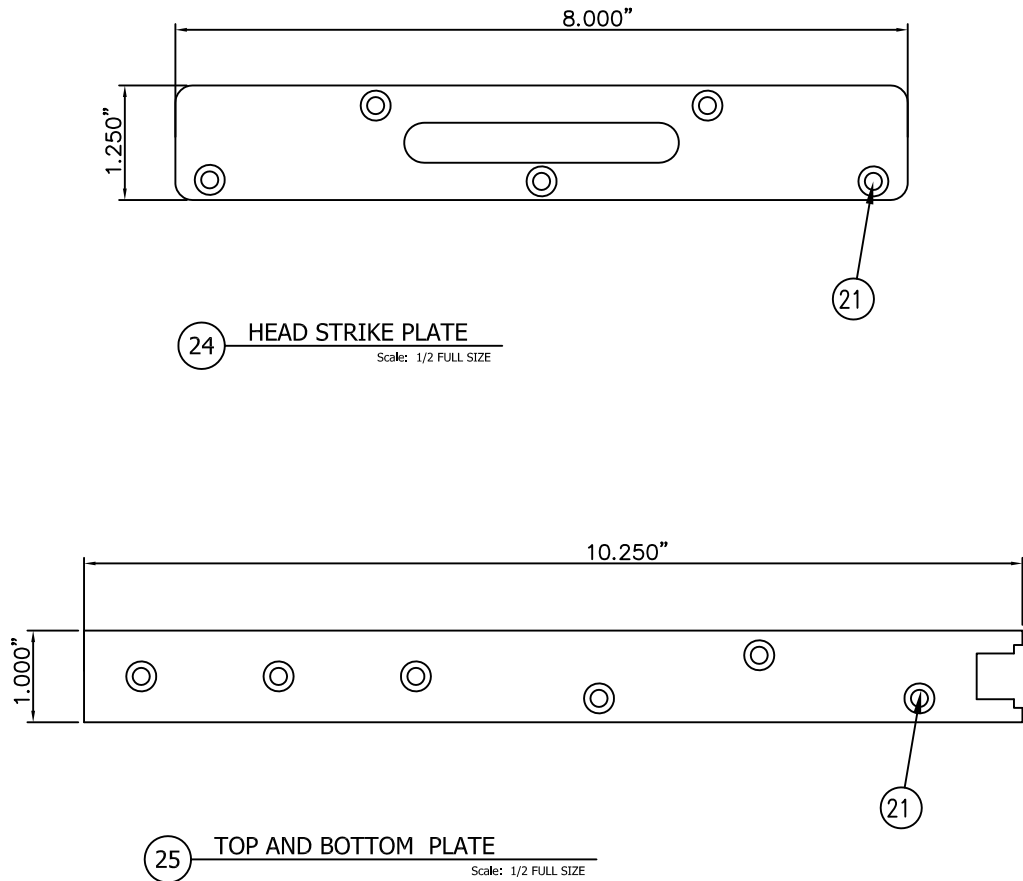
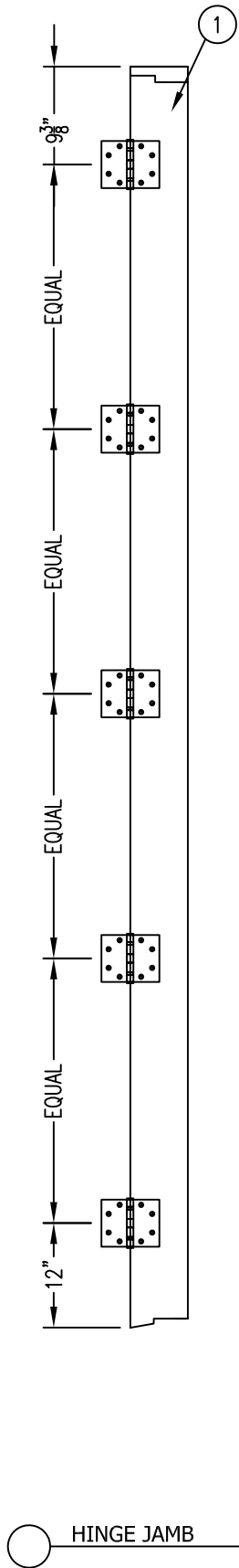
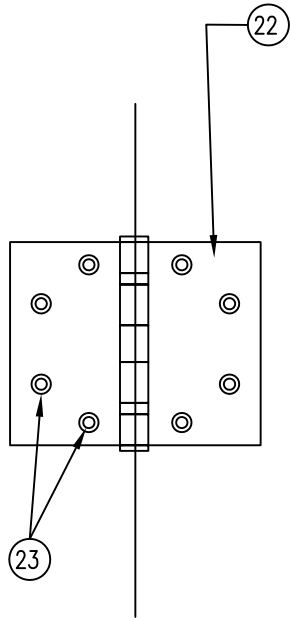
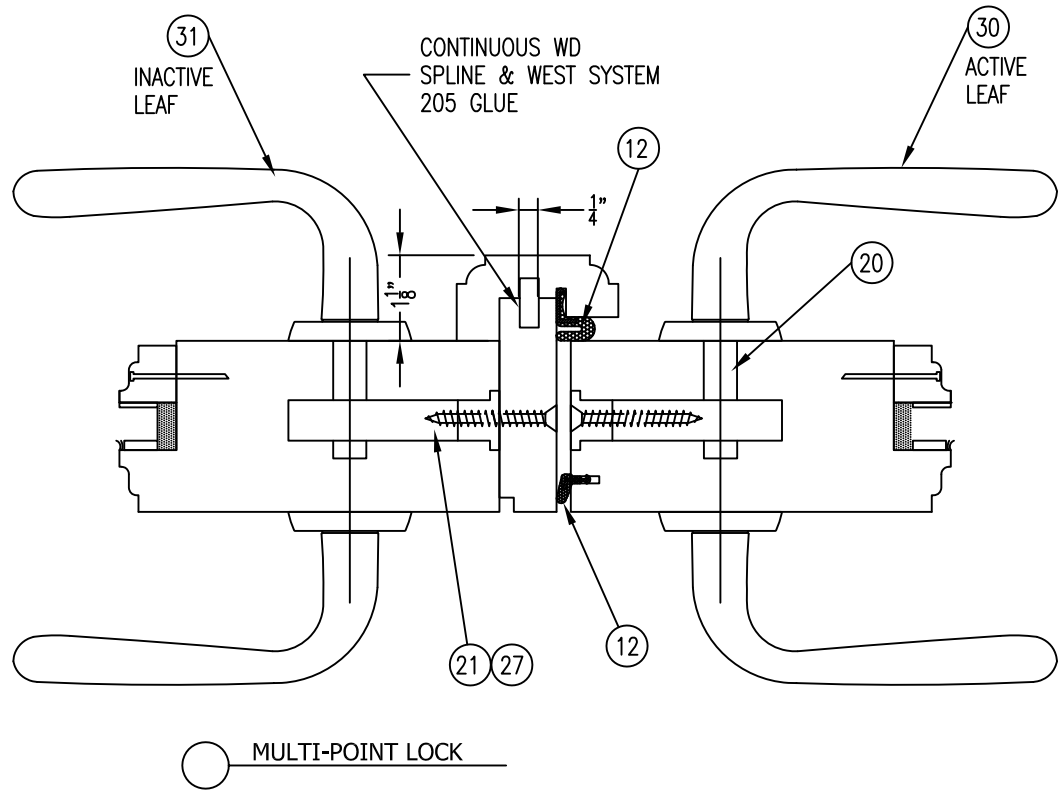
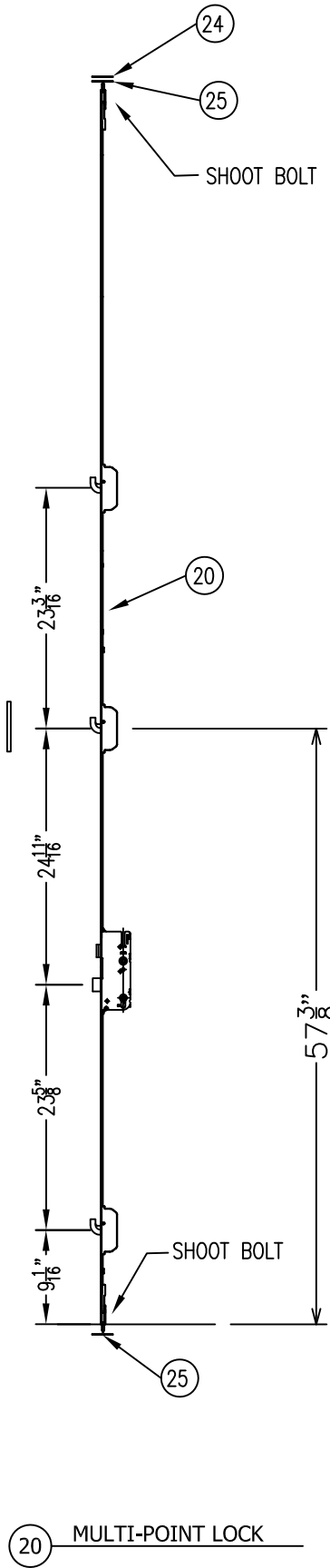


AMERICAN DOOR OUTSWING
WOOD ENTRANCE DOOR

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SHEET NO. 5					

STRIKE PLATES ON PASSIVE DOOR LEAF ARE LOCATED AT CENTER OF EACH RHINO HOOK



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WOOD ENTRANCE DOOR

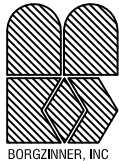
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DRAWING NO. FPA-AMER-DOOR									
SHEET NO. 6									

NO.	ITEM DESCRIPTION	MATERIAL / MANUFACTURER
1	HEAD & JAMBS	SAPELE WOOD
2	STILE AND RAILS, FIXED	SAPELE WOOD
3A	MEETING STILE – ACTIVE	SAPELE WOOD
3B	HINGE STILE AND TOP RAIL	SAPELE WOOD
3C	MEETING STILE – PASSIVE	SAPELE WOOD
4	SILL	SAPELE WOOD
5	INTERIOR TRIM	SAPELE WOOD
6	INTERIOR SILL TRIM	SAPELE WOOD
7	BOTTOM RAIL	SAPELE WOOD
8	ASTRAGAL – INTERIOR	SAPELE WOOD
9	ASTRAGAL – EXTERIOR	SAPELE WOOD
10	GLAZING STOP	SAPELE WOOD
11	THRESHOLD	BRONZE
12	COMPRESSION SEAL AT JAMBS	SCHLEGEL– Q–LON QEZD 320
13	WEATHER SEAL	SCHLEGEL– Q–LON QEZD 650
14	BOTTOM RAIL – FIXED	SAPELE WOOD
15	FIXED INTERIOR TRIM/STOP	SAPELE WOOD
16	FIXED INTERIOR TRIM/BOTTOM STOP	SAPELE WOOD
17	MIDDLE RAILS	SAPELE WOOD
18	#10 X 3” LONG ST, STL WOOD SCREWS	INSTALLATION FASTENERS, SEE ELEVATIONS SHTS 1A & 1B
19	16GA X 1 1/2” LONG ST. STL FIN NAILS	STARTING 4” FROM CORNERS THEN 9” MAX O/C
20	GU – MULTI–POINT LOCKING SYSTEM	STAINLESS STEEL

NO.	ITEM DESCRIPTION	MATERIAL / MANUFACTURER
21	# 8 X 1 1/2” ST. STL FOR LOCKING SYSTEM	STAINLESS STEEL
22	4 1/2” X 4 1/2” BUTT HINGES	STAINLESS STEEL
23	# 10 X 1 1/2” ST. STL HINGE ATTACHMENT SCREWS	STAINLESS STEEL
24	BORGZINNER TOP PLATE – BRONZE	ATTACHED WITH (5) #8 X 1 1/2” STL SCREWS
25	BORGZINNER TOP & BOTTOM PLATE – BRONZE	ATTACHED WITH (6) #8 X 1 1/2” STL SCREWS
26	GLASS	7/16” LAMINATED, (3/16” HS–0.090” SAFLEX–3/16” HS)
27	# 8 X 1 1/2” ST. STL (ASTRAGAL) WOOD SCREWS	STARTING 6” FROM CORNERS THEN 10” MAX O/C
28	FRAME ANCHOR ATTACHMENT	<u>WOOD BUCK</u> : #10 X 3” ST. STL SCREWS
29	COMPRESSION SEAL AT THRESHOLD	SCHLEGEL
30	GU TRIM KIT CAPRI –HB	ON ACTIVE DOOR LEAF
31	GU TRIM KIT SEMI ACTIVE CAPRI	ON INACTIVE DOOR LEAF
32	1/16” X 3/8” GLAZING TAPE	CRL # 98418X38BL FOAM TAPE
33	1/8” X 3/8” GLAZING TAPE	CRL # 982116X38BL FOAM TAPE
34	PERIMETER SEALANT AT GLASS	DOW CORNING 995 SEALANT
35	5/8” DIA X 4” LONG WOOD DOWELS	JAMB UPPER CORNER JOINT CONNECTORS
36	WEST SYSTEM 205 GLUE	AT ALL GLUED JOINTS
37	RAISED PANELS	SAPELE WOOD WITH MDF CORE

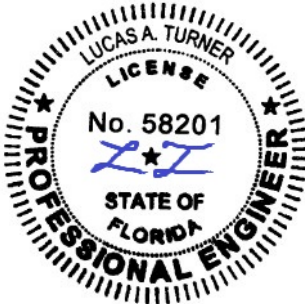
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WOOD ENTRANCE DOOR

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