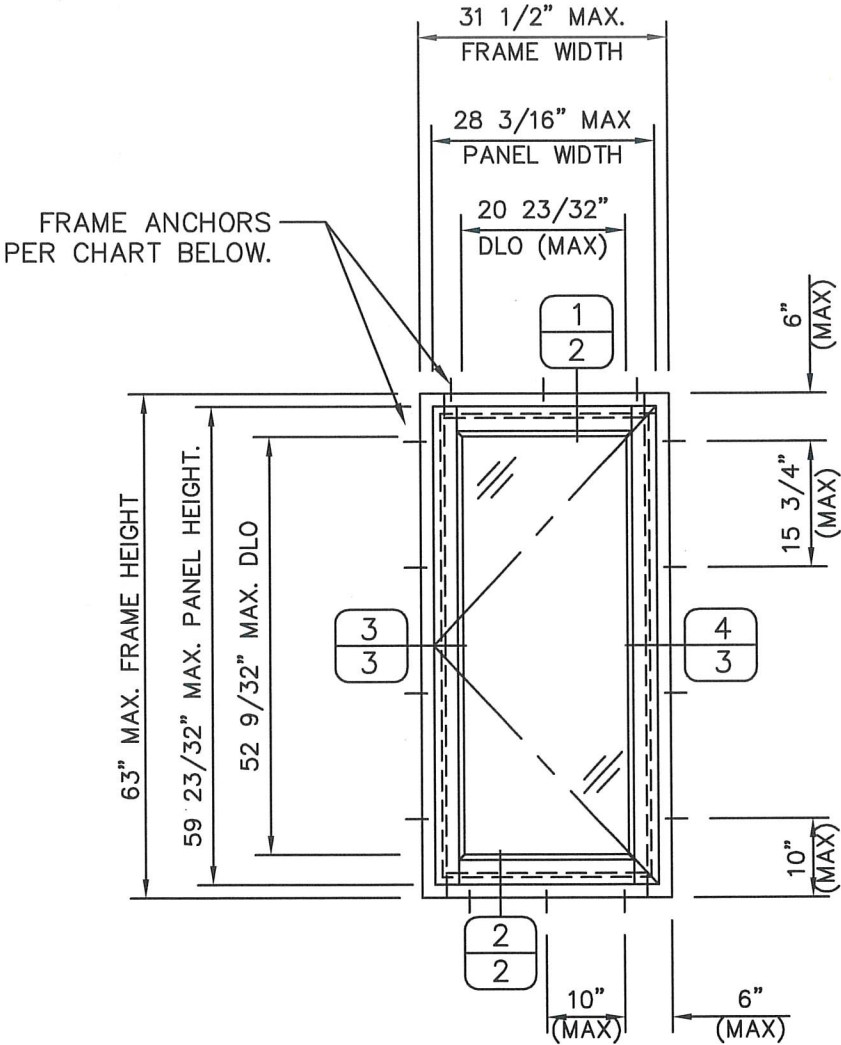


MULTIVI 66Z SERIES GLAZED WOOD OUTSWING CASEMENT

GENERAL NOTES:

1. THIS PRODUCT HAS BEEN TESTED PER TAS 202, ASTM E1886, AND ASTM E1996 (WIND ZONE 3, MISSILE D). IT MEETS ALL OF THE REQUIREMENTS OF THE 8TH EDITION (2023) FLORIDA BUILDING CODE FOR USE OUTSIDE OF THE HIGH VELOCITY HURRICANE ZONE.
2. THIS PRODUCT IS LARGE AND SMALL MISSILE IMPACT RESISTANT IN WIND ZONES 3 OR LESS. AN IMPACT RESISTANT SHUTTER SYSTEM IS REQUIRED IN WIND ZONE 4.
3. OPENING SUBSTRATES, WOOD BUCKS (OPTIONAL), AND WOOD BUCK FASTENERS ARE BY OTHERS AND MUST BE DESIGNED AND INSTALLED PER FBC REQUIREMENTS TO SAFELY TRANSFER THE LOADS FROM THIS SYSTEM TO THE BUILDING STRUCTURE. SUBSTRATES SHALL MEET THE MIN STRENGTH REQUIREMENTS LISTED IN THE ANCHOR CHART BELOW.
4. ANCHOR TYPE, SIZE, SPACING, AND EMBEDMENT SHALL BE AS LISTED IN THE ANCHOR CHART BELOW, ANCHOR EMBEDMENT IN SUBSTRATE SHALL BE BEYOND ANY WALL DRESSING OR STUCCO.
5. ALL FASTENERS PENETRATING INTO PRESSURE TREATED WOOD SHALL BE CAPABLE OF PREVENTING CORROSION DUE TO REACTION WITH PRESSURE TREATMENT CHEMICALS.
6. NO INCREASES IN ALLOWABLE STRESS FOR SHORT-TERM LOADING HAVE BEEN USED IN THE DESIGN OF THIS SYSTEM. THE 1.6 Cd FACTOR HAS BEEN USED IN THE ANALYSIS OF WOOD SCREWS ONLY.
7. DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE PROTECTED TO PREVENT GALVANIC REACTIONS PER FBC REQUIREMENTS.
8. ALL WOOD SHAPES ARE MADE FROM AMERICAN OAK (S.G.=0.68, E=1.7x10 psi min).
9. CORNER CONSTRUCTION – SEE SHEET 5/5.



EXTERIOR ELEVATION
(NOT TO SCALE)

ANCHOR CHART			
SUBSTRATE	FASTENER TYPE	MINIMUM EMBEDMENT	MIN EDGE DISTANCE
WOOD (S.G. = 0.42 min)	#10 DIA. WOOD SCREWS (SAE Gr. 2 min)	1 1/2"	1"
METAL STUDS (16 Ga, Fut=45 ksi min)	#10 DIA. TEKS-TYPE THREAD FORMING SCREWS	FULL *	1"
CONCRETE (3150 ksi, MIN)	3/16" DIA. DEWALT ULTRACON CONCRETE SCREW	1 3/4"	2 1/2"
CMU BLOCK (ASTM C90, MIN) (JAMBS ONLY)	3/16" DIA. DEWALT ULTRACON CONCRETE SCREW	1 3/4"	2 1/2"

* METAL SCREWS MUST FULLY PENETRATE THE WALL OF THE METAL STUD, WITH THREE ADDITIONAL THREADS BEYOND.

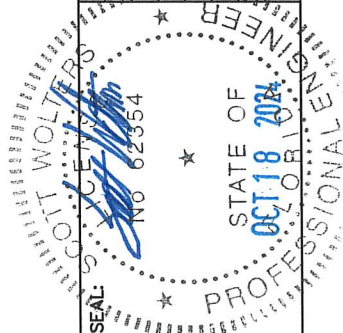
DESIGN PRESSURE
+/- 32 PSF



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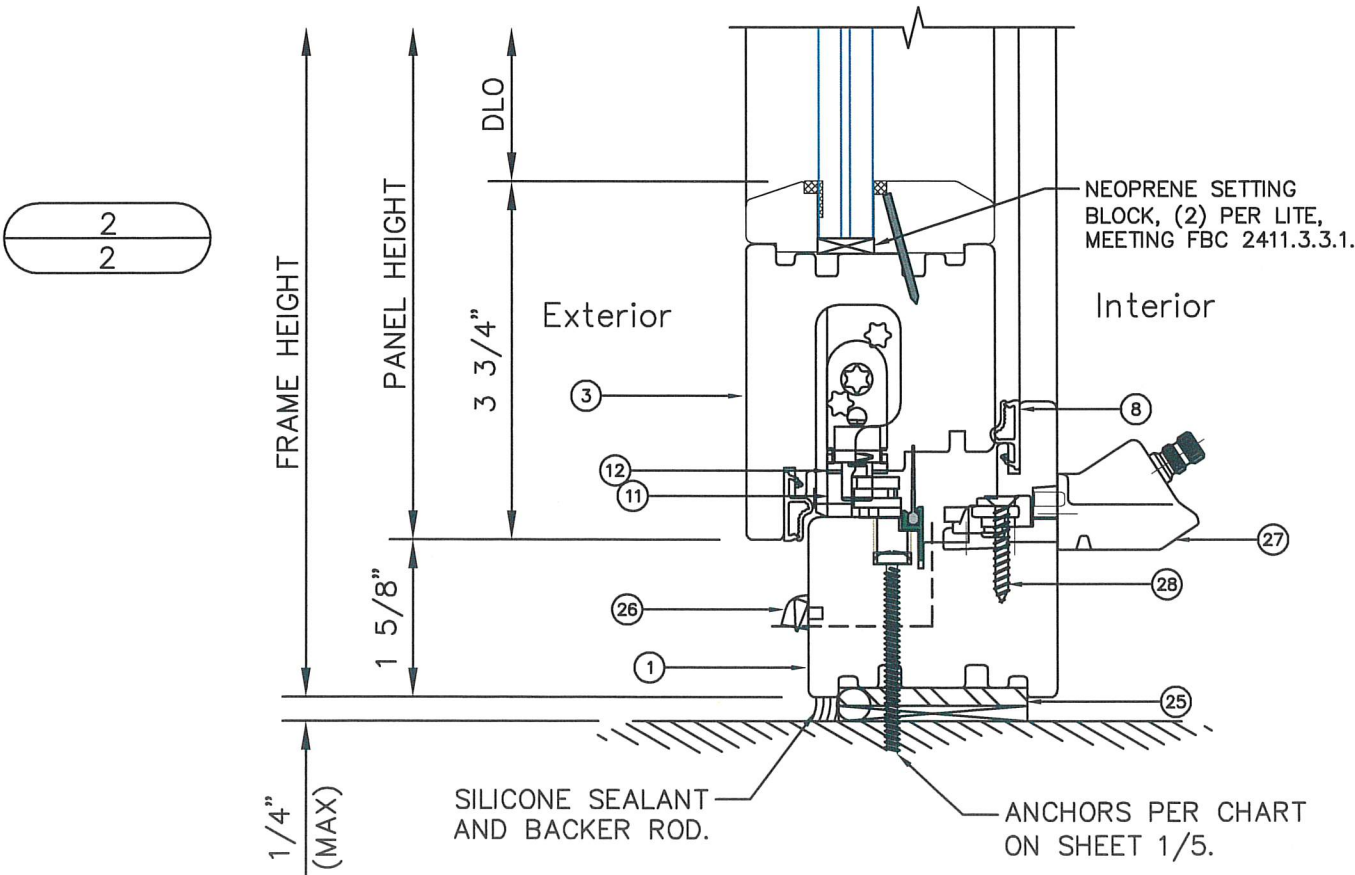
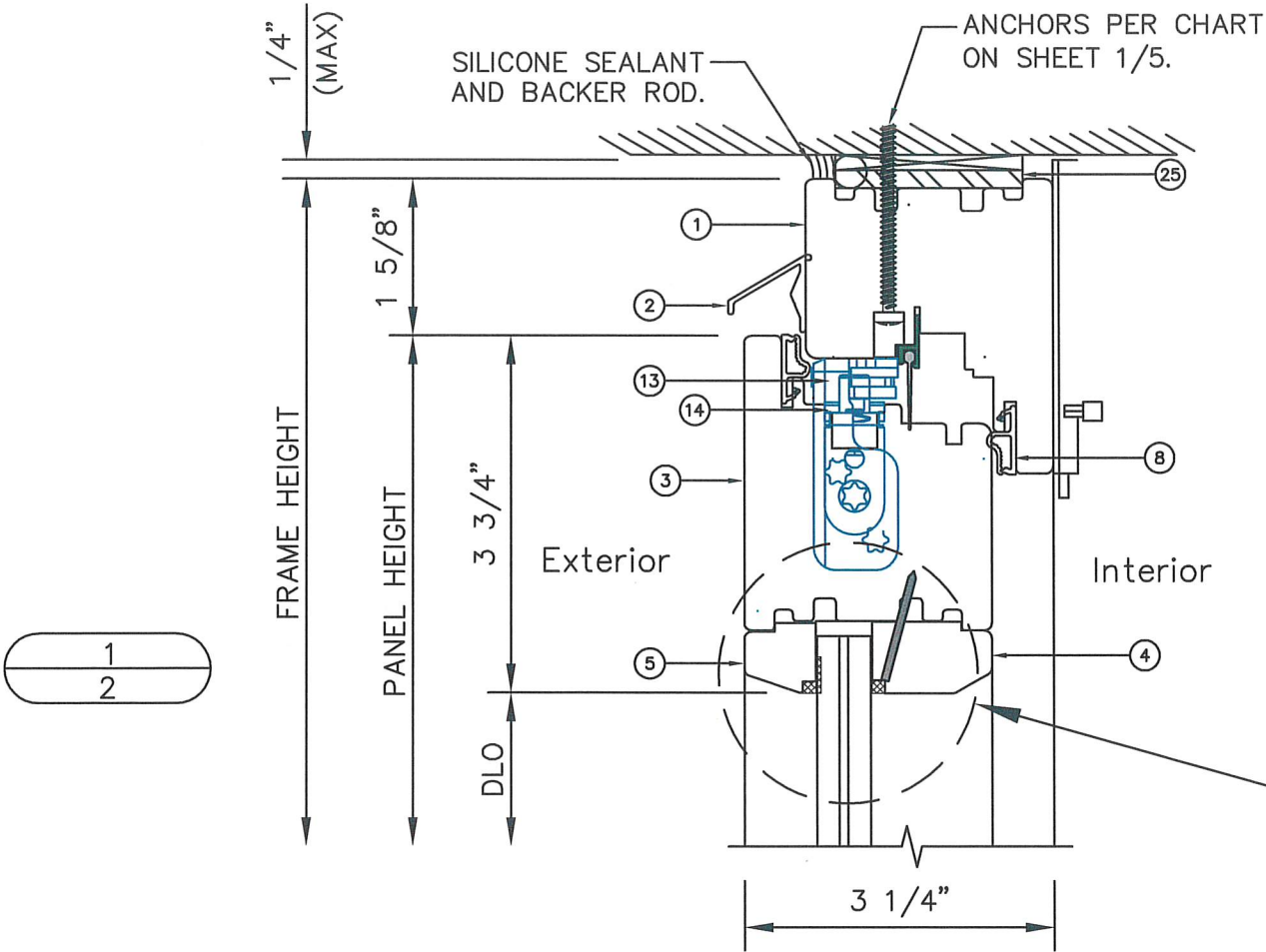
DWG: 66ZC-WZ3
SHEET: 1/5

SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD N
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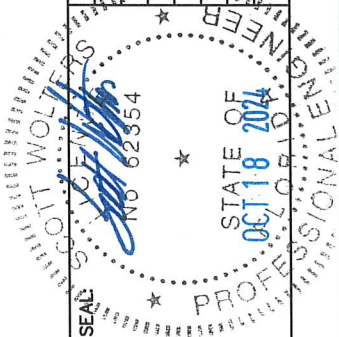
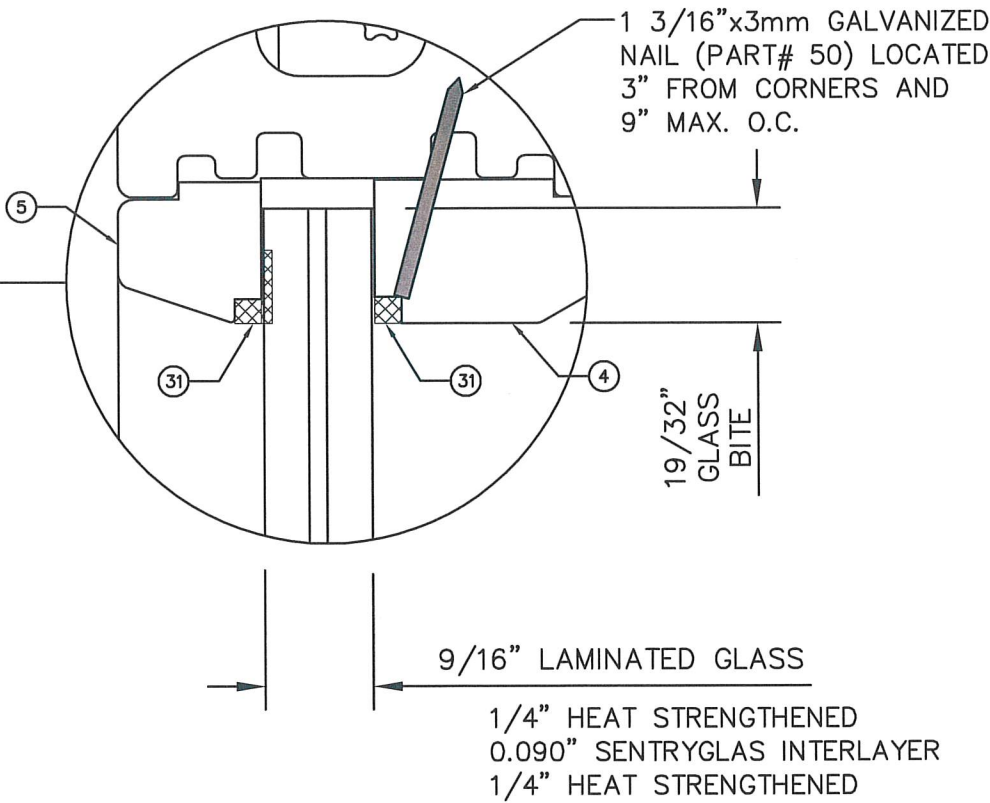


REV#	DATE	PRINTS ISSUED FOR
1	10/18/24	CODE UPDATE
2	4/24/23	1ST SUBMITTAL

MULTIVI 66Z SERIES GLAZED WOOD OUTSWING CASEMENT



GLAZING DETAIL



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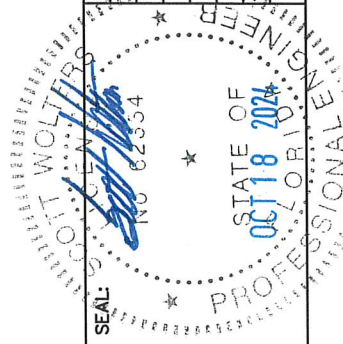
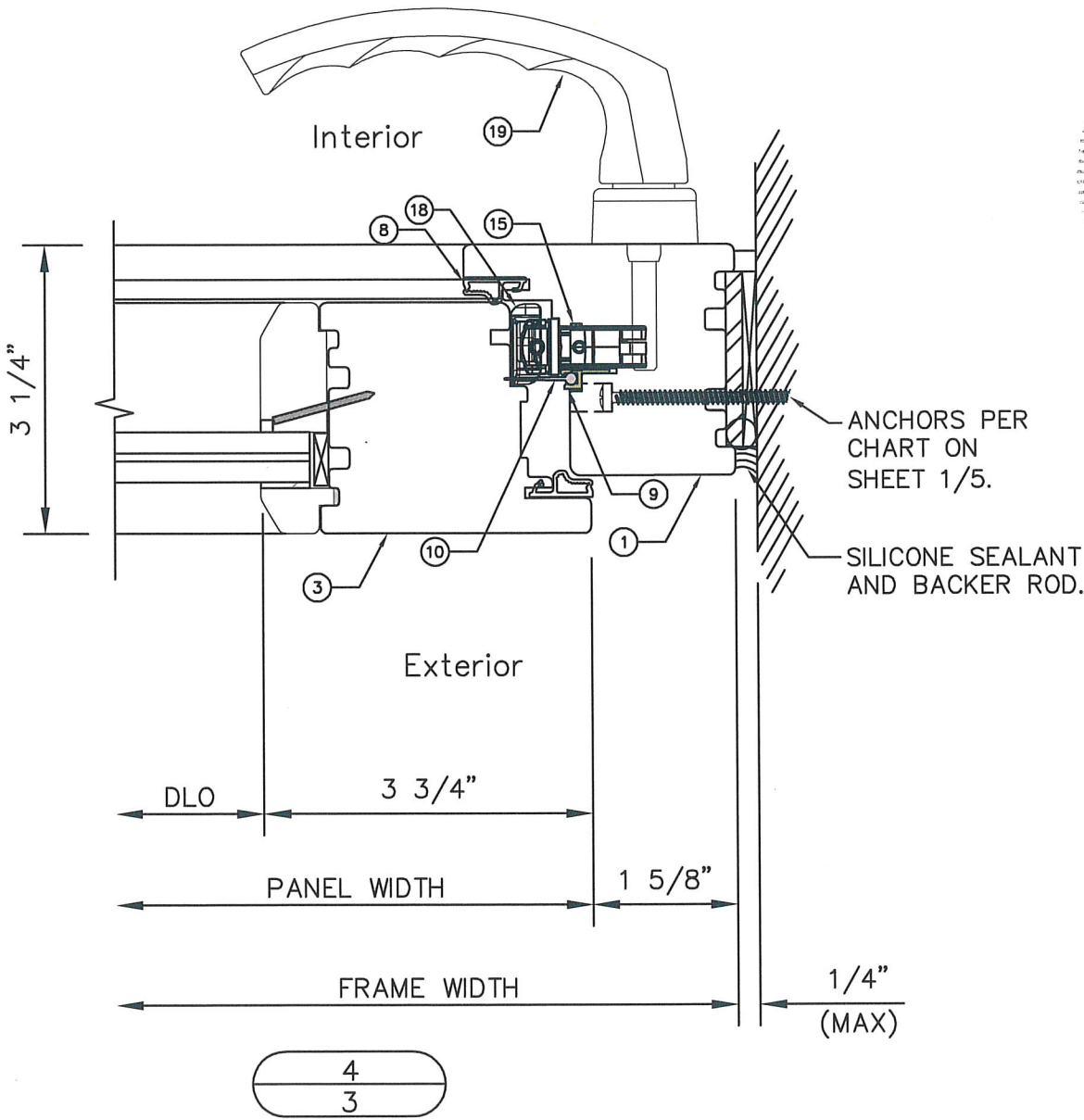
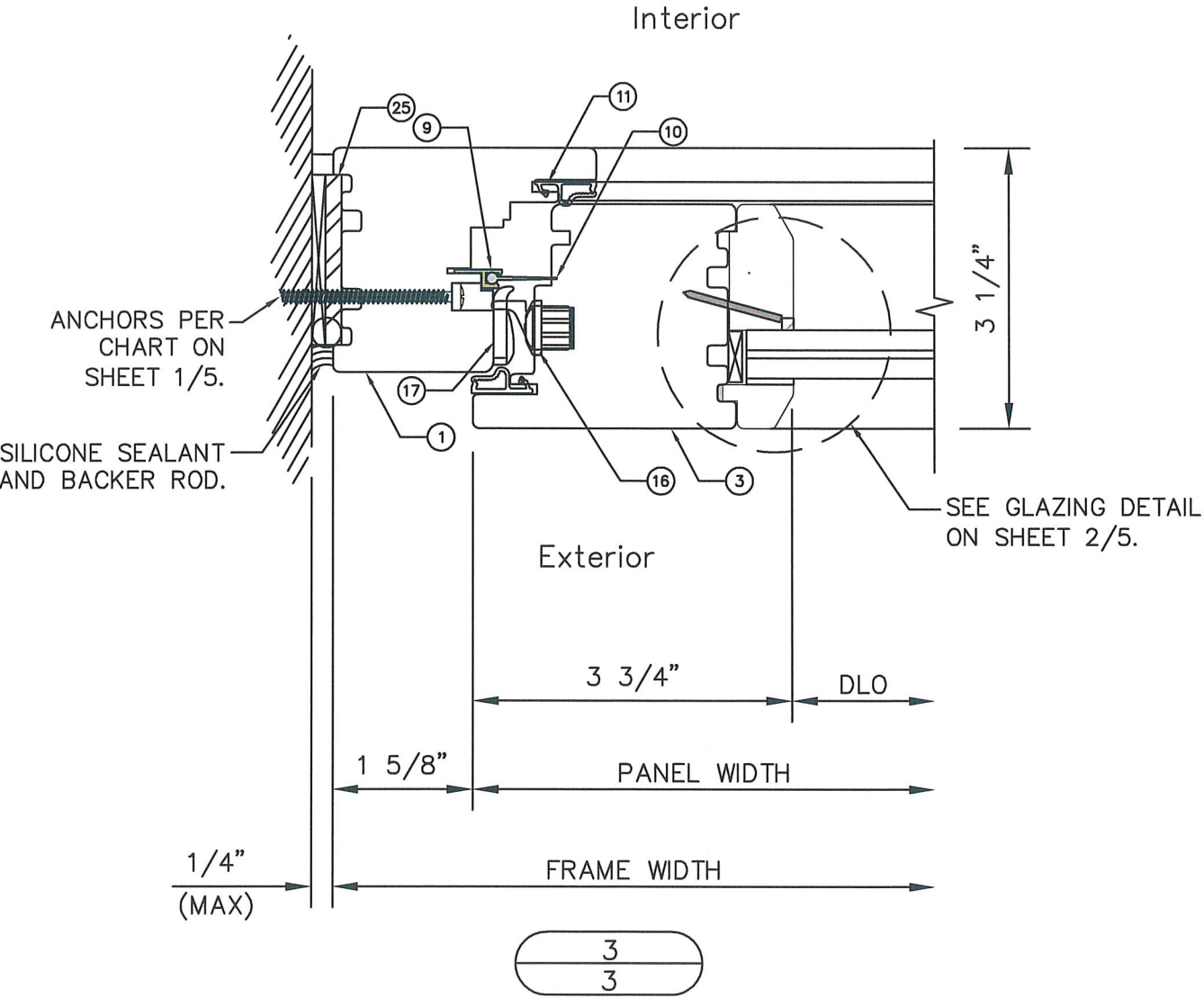
MULTIVI S.A. DE C.V.
CARRIL DE SAN CRISTOBAL 134-A
PARK INDUSTRIAL CHACHAPA
AMAZOC DE MOTA, PUEBLA, MEXICO 72990

PH: +52 (222) 2 40 33 00
+521 (222) 7 08 78 67

DWG: 66ZC-WZ3
SHEET: 2/5

REV#	DATE	PRINTS ISSUED FOR
1	4/24/23	1ST SUBMITTAL

MULTIVI 66Z SERIES GLAZED WOOD OUTSWING CASEMENT



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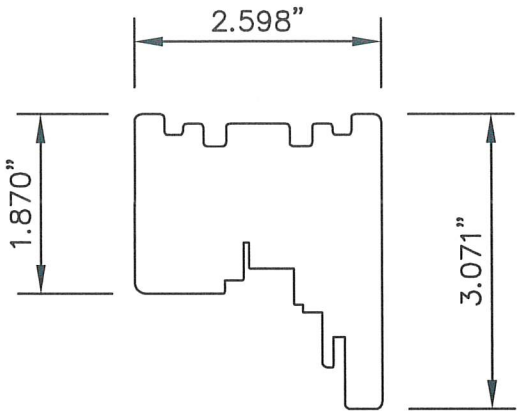
SCOTT WALTERS
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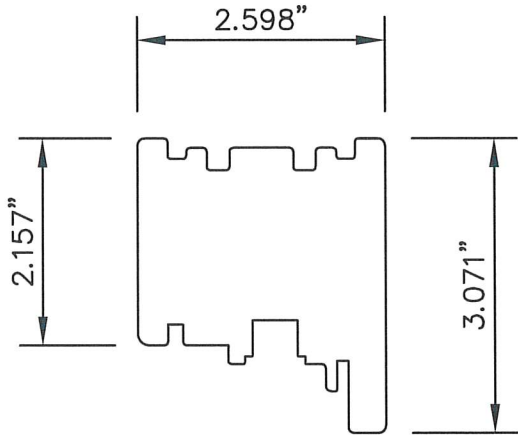
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1	4/24/23	1ST SUBMITTAL
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MULTIVI 66Z SERIES GLAZED WOOD OUTSWING CASEMENT

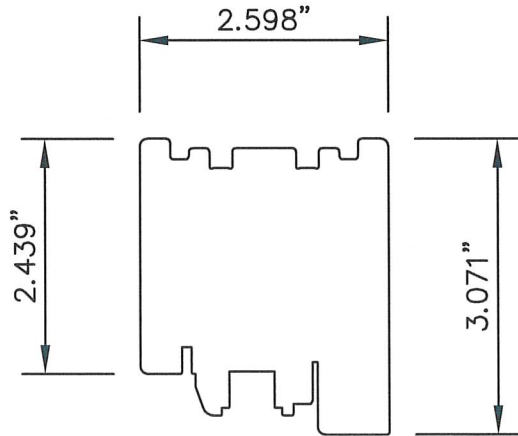
BILL OF MATERIALS			
NO.	DESCRIPTION	MATERIAL	NOTES
01	FRAME HEAD/JAMB	AMERICAN OAK	
03	DOOR STILE/RAIL	AMERICAN OAK	
04	INTERIOR GLASS STOP	AMERICAN OAK	
05	EXTERIOR GLASS STOP	AMERICAN OAK	
08	FRAME GASKET	EPDM	
9	GASKET ADAPTOR	6063-T5 ALUMINUM	
10	SASH GASKET	NEOPRENE	
14			
15	MACO MULTI POWER HINGE SUPPORT	STAINLESS STEEL	EVOLUTION TRI-COAT
12	MACO MULTI POWER CORNER HINGE	STAINLESS STEEL	EVOLUTION TRI-COAT
13	MACO MULTI POWER CORNER HINGE	STAINLESS STEEL	EVOLUTION TRI-COAT
14	MACO MULTI POWER CORNER HINGE	STAINLESS STEEL	EVOLUTION TRI-COAT
15	LOCK BOLT	STAINLESS STEEL	EVOLUTION TRI-COAT
16	CONCEALED PRESSURE CLOSER	STAINLESS STEEL	
17	CONCEALED PRESSURE CLOSER	PLASTIC	
19	HANDLE	STEEL A60	
20	1/4" x 4" HH CAP SCREW	STAINLESS STEEL	
21	FRAME CORNER PINS	AMERICAN OAK	
22	3/16" x 1" x 1 1/4" SUPPORT BAR	STAINLESS STEEL	
31			
33	5/16" x 3" FHSM SCREW	STAINLESS STEEL	
25	3/16" x 1 15/16" x 3" SUPPORT BAR	STAINLESS STEEL	
26	WEEP HOLE COVER	PVC	
27	CRANK OPERATOR	STAINLESS STEEL	
28	5/16" x 1" PHSM SCREW		



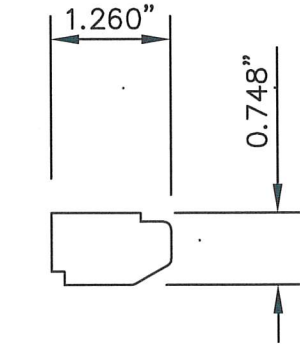
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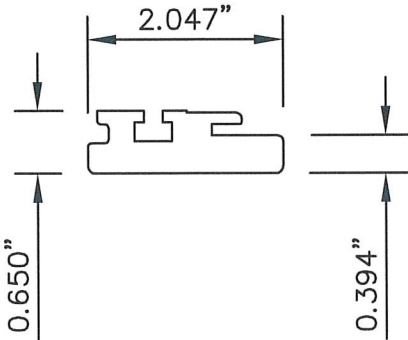
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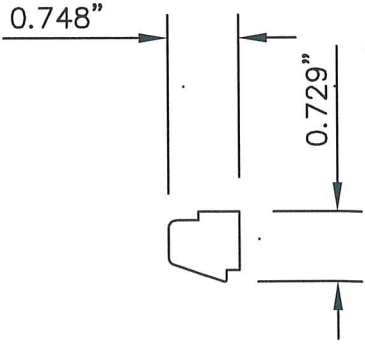
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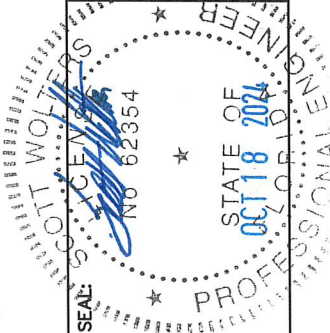
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DWG: 66ZC-WZ3
SHEET: 4/5

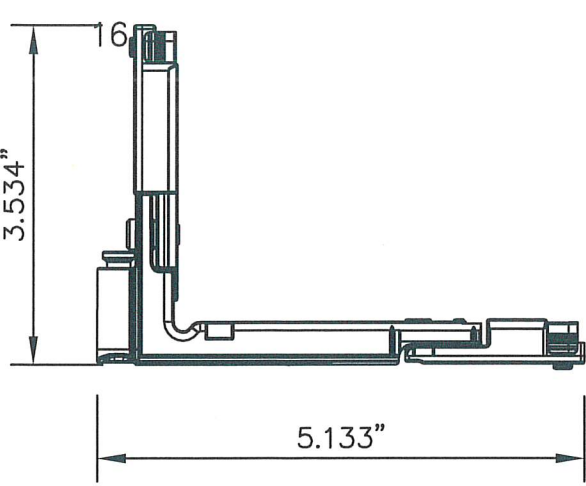
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(561) 225-1962



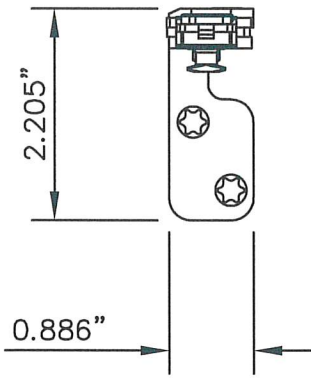
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MULTIVI 66Z SERIES GLAZED WOOD OUTSWING CASEMENT

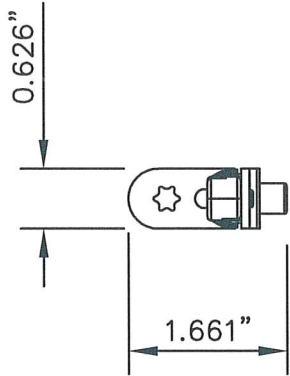
CORNER CONSTRUCTION:



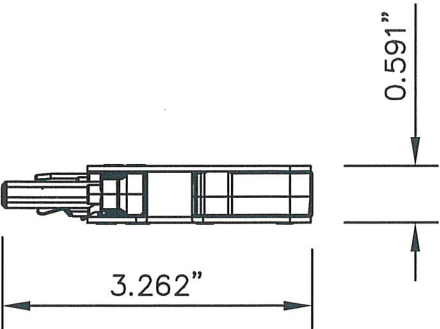
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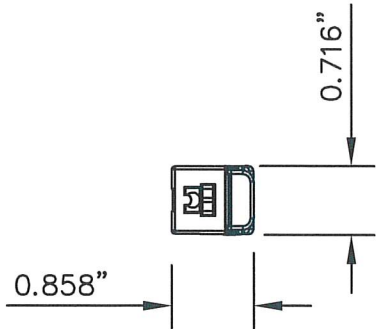
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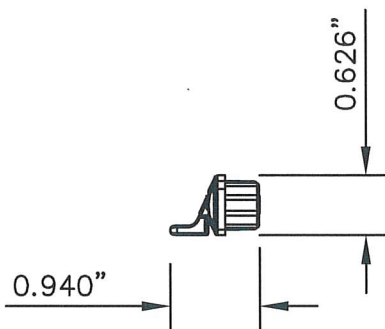
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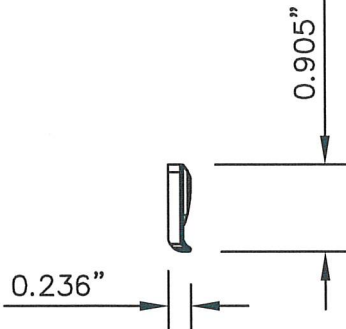
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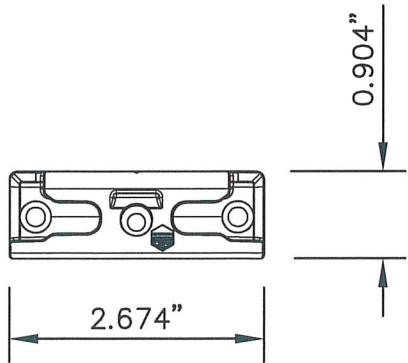
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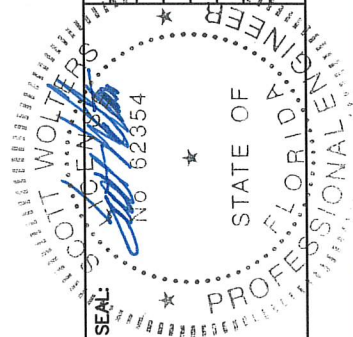
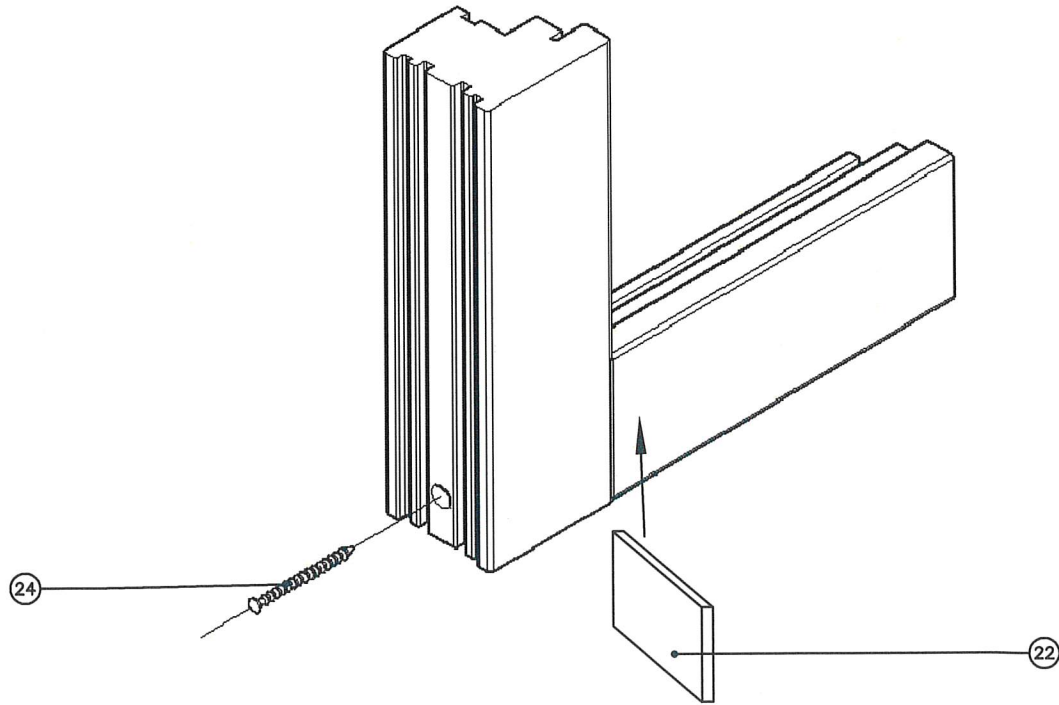
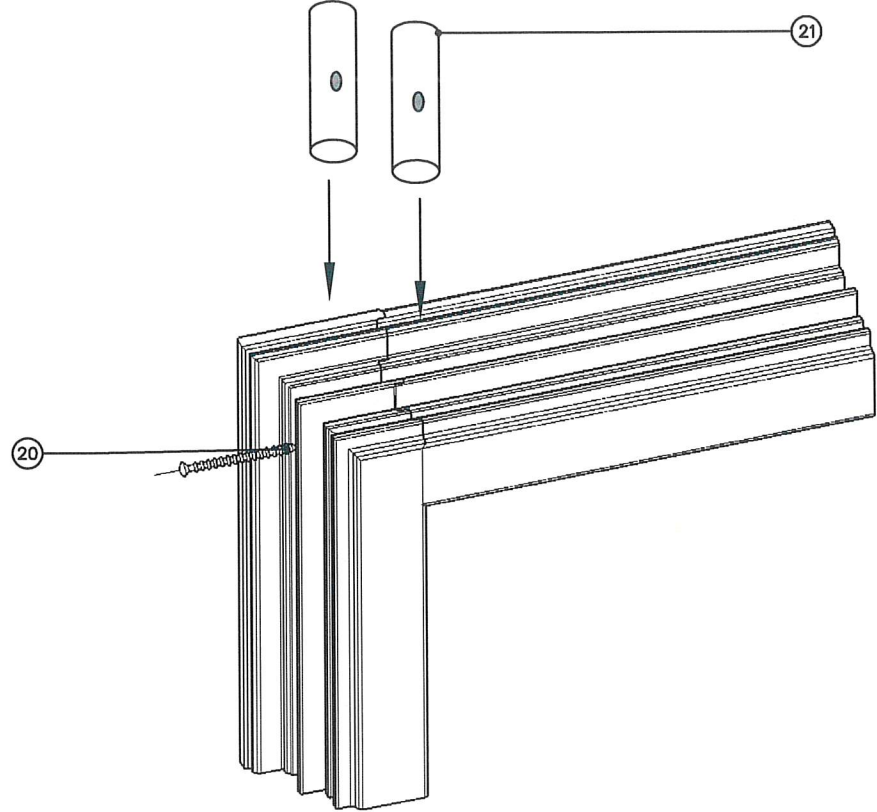
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(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
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