

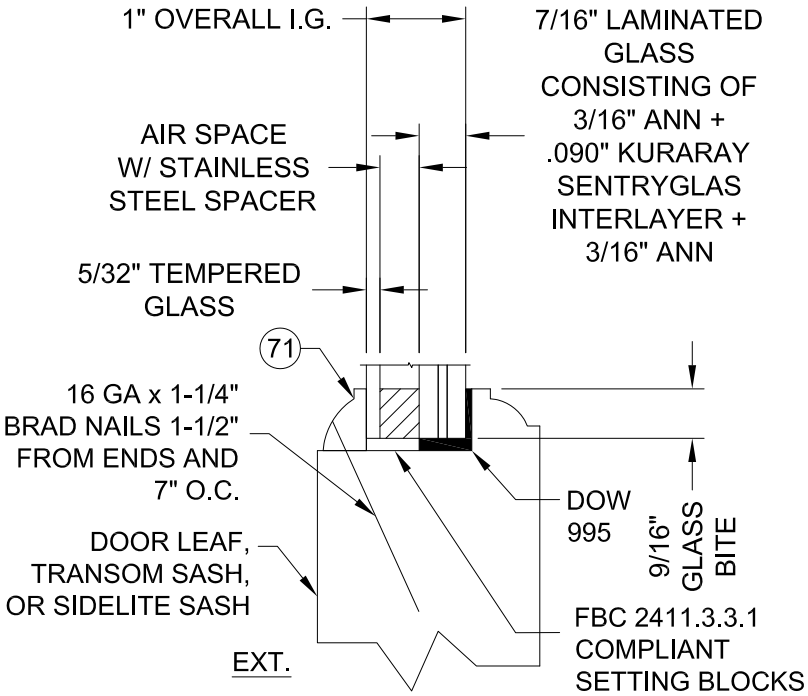
GENERAL NOTES

1. THIS PRODUCT, FABRICATED AND ANCHORED AS DETAILED IN THIS DRAWING, IS LARGE MISSILE IMPACT RESISTANT AND DOES NOT REQUIRE THE USE OF IMPACT PROTECTIVE DEVICES (SHUTTERS) IN WINDBORNE DEBRIS REGIONS.
2. THIS PRODUCT HAS BEEN TESTED TO ASTM E 330, ASTM E 331, ASTM 283, ASTM E 1886, ASTM E 1996, AND MEETS THE REQUIREMENTS OF THE 8TH ED. (2023) FLORIDA BUILDING CODE, FOR USE OUTSIDE THE HIGH VELOCITY HURRICANE ZONE. OTHER THAN FOR SINGLE X OUTSWING, THIS PRODUCT IS RATED FOR LIMITED WATER INFILTRATION RESISTANCE (TESTING WAS PERFORMED WITH FULL WATER SPRAY, BUT ZERO TEST PRESSURE DIFFERENTIAL DURING WATER APPLICATION). FOR USE ONLY IN LOCATIONS WHERE THIS LEVEL OF WATER PERFORMANCE IS ACCEPTED, OR IN NONHABITABLE AREAS, OR IN AREAS PROTECTED BY A 1:1 OVERHANG IN ACCORDANCE WITH FBC SECT. 1709.5.1 EXC. 2 (OVERHANG LENGTH = OVERHANG HEIGHT). EXCEPTION IS SINGLE X OUTSWING DOOR, WHICH IS RATED FOR WATER INFILTRATION RESISTANCE.
3. ALLOWABLE CONFIGURATIONS ARE AS SHOWN, AND INCLUDE INSWING OR OUTSWING DOORS, SINGLE OR DOUBLE, WITH OR WITHOUT TRANSOM. ALSO ALLOWED ARE FIXED DOOR PANEL OR FIXED TRANSOM PANEL.
4. THE DESIGN PRESSURE RATINGS IN THIS DRAWING ARE AS LIMITED BY ASTM E-1300 GLASS TABLES, AND TESTED STRUCTURAL, AND CYCLIC PRESSURES.
5. THE 4/3 ALLOWABLE STRESS INCREASE FACTOR (SHORT-TERM INCREASE FACTOR) 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. INSTALLATION OF WOOD BUCKS TO THE SUBSTRATE TO BE ENGINEERED BY OTHERS OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION (A.H.J.). BUCKING, OPENINGS, & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED BY OTHERS IN ACCORDANCE WITH THE FBC TO TRANSFER SUPERIMPOSED LOADS TO THE STRUCTURE. ADEQUACY OF THE STRUCTURE TO RECEIVE THESE LOADS SHALL BE VERIFIED BY THE CONTRACTOR OR A.H.J. WHEN INSTALLING INTO CONCRETE (OR MASONRY AT JAMBS ONLY) WITH WOOD BUCKS LESS THAN 1-1/2" THICK, ANCHOR EMBEDMENT SHALL BE INTO CONCRETE (OR MASONRY AT JAMBS ONLY). WHEN INSTALLING INTO WOOD BUCKS 1-1/2" OR THICKER OVER CONCRETE (OR MASONRY AT JAMBS ONLY) , ANCHOR EMBEDMENT SHALL BE INTO THE WOOD.
7. DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE COATED OR OTHERWISE PROTECTED TO PREVENT GALVANIC REACTIONS. WOOD BUCKS, IF USED, SHALL BE PRESSURE TREATED, WITH EITHER A TREATMENT OR COATING COMPATIBLE WITH THIS PRODUCT. ALL ANCHORS USED SHALL BE OF A MATERIAL OR HAVE A COATING COMPATIBLE WITH THE PRESSURE TREATED WOOD BUCKS AND ALL OTHER WINDOW MATERIALS.
8. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS, OR AS APPROVED, SIGNED, AND SEALED BY A FLORIDA-REGISTERED PROFESSIONAL ENGINEER ON A SITE-SPECIFIC BASIS.
9. PRODUCT JOINERY SHALL BE IN ACCORDANCE WITH TEST REPORTS LISTED IN EVALUATION REPORT: AT MAIN FRAME RABBET WITH SCREWS THROUGH JAMB INTO HEAD/SILL, AND AT LEAF CORNERS AND MIDRAILS ARE WITH DOWELS/GLUE.
9. SEALING AND FLASHING STRATEGIES FOR OVERALL WATER INFILTRATION RESISTANCE OF THE INSTALLED PRODUCT SHALL BE THE RESPONSIBILITY OF OTHERS AND IS NOT ADDRESSED BY THIS DOCUMENT.

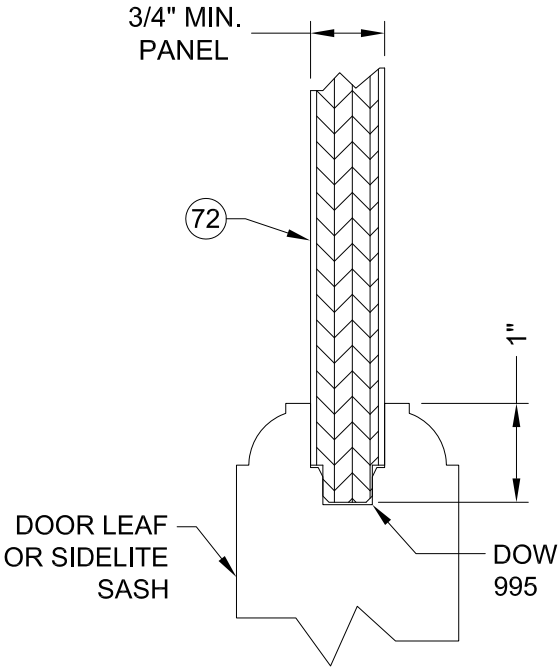
DESIGN PRESSURE AND LOCKING HARDWARE TABLE	MAX. DESIGN PRESSURE (PSF)	
	INSWING	OUTSWING
SCHLAGE F51 KNOB / B60N DEADBOLT	+55/-70	+/-60
ENDURA TRILENNIUM 3000 3-PT. LOCK	+65/-70	+/-65

NOTE: DOOR LOCKSTILES AT SIDELITE MULLS REQUIRE 3-POINT LOCK.

IMPACT RATED 2-1/4" WOOD SINGLE DOOR, INSWING OR OUTSWING,
WITH OR WITHOUT SIDELITE(S) AND/OR TRANSOM



TYPICAL GLAZING
DETAIL



TYPICAL PANEL DETAIL

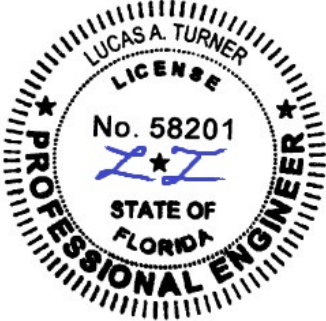
FLAT PANEL SHOWN,
RAISED PANEL
ALLOWED WITH SAME
MIN. CORE AS FLAT

Lucas Turner
2024.01.31
16:58:15
-06'00'

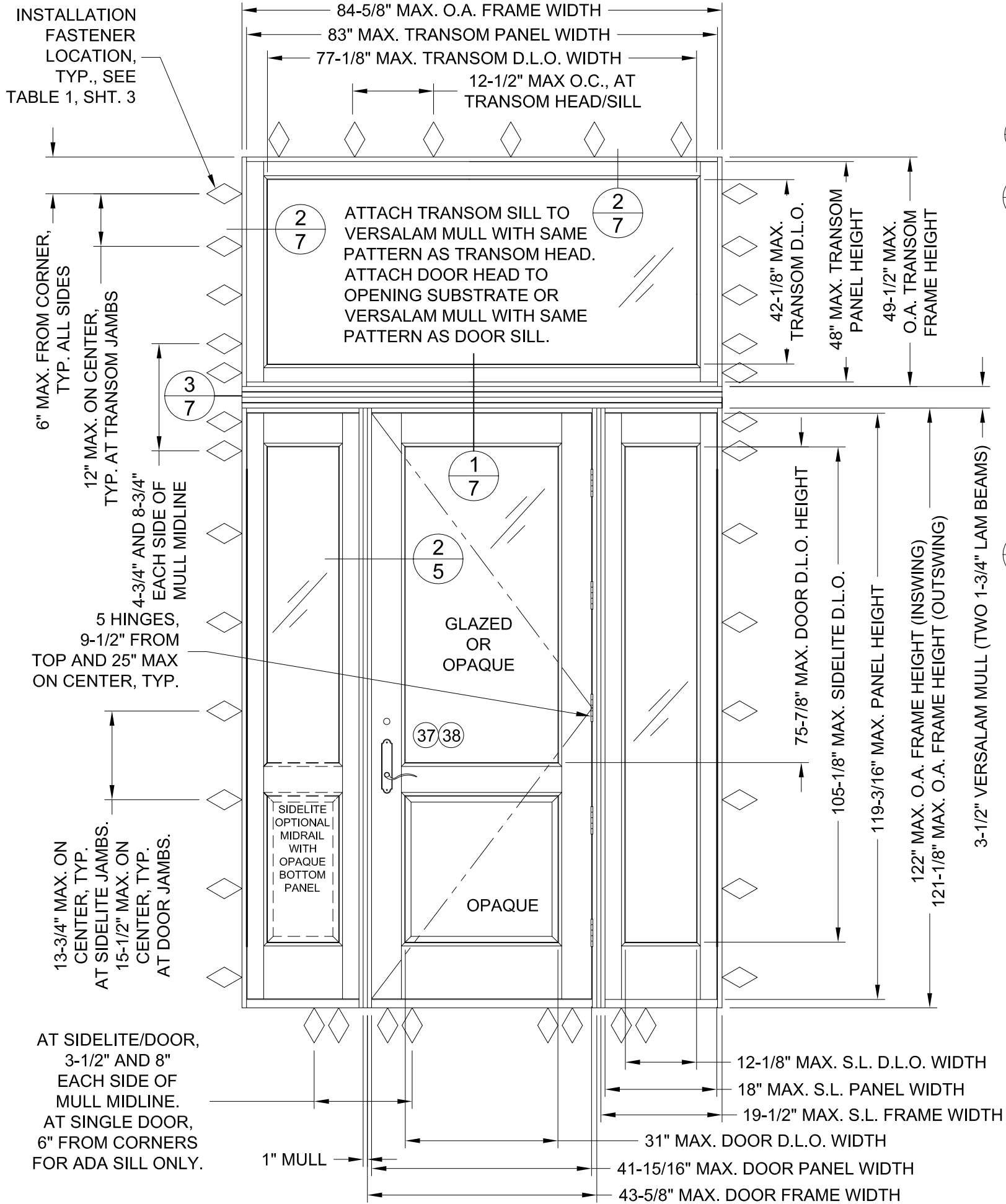
TABLE OF CONTENTS:

1. NOTES, GLAZING/PANEL DETAILS
2. ELEVATIONS
3. HORIZ. DOOR SECT. DETAILS, INSTALLATION TABLE
4. VERTICAL DOOR SECTION DETAILS
5. TRANSOM/MULLION SECTION DETAILS
6. PART DRAWINGS
7. BILL OF MATERIALS, SILL DWGS

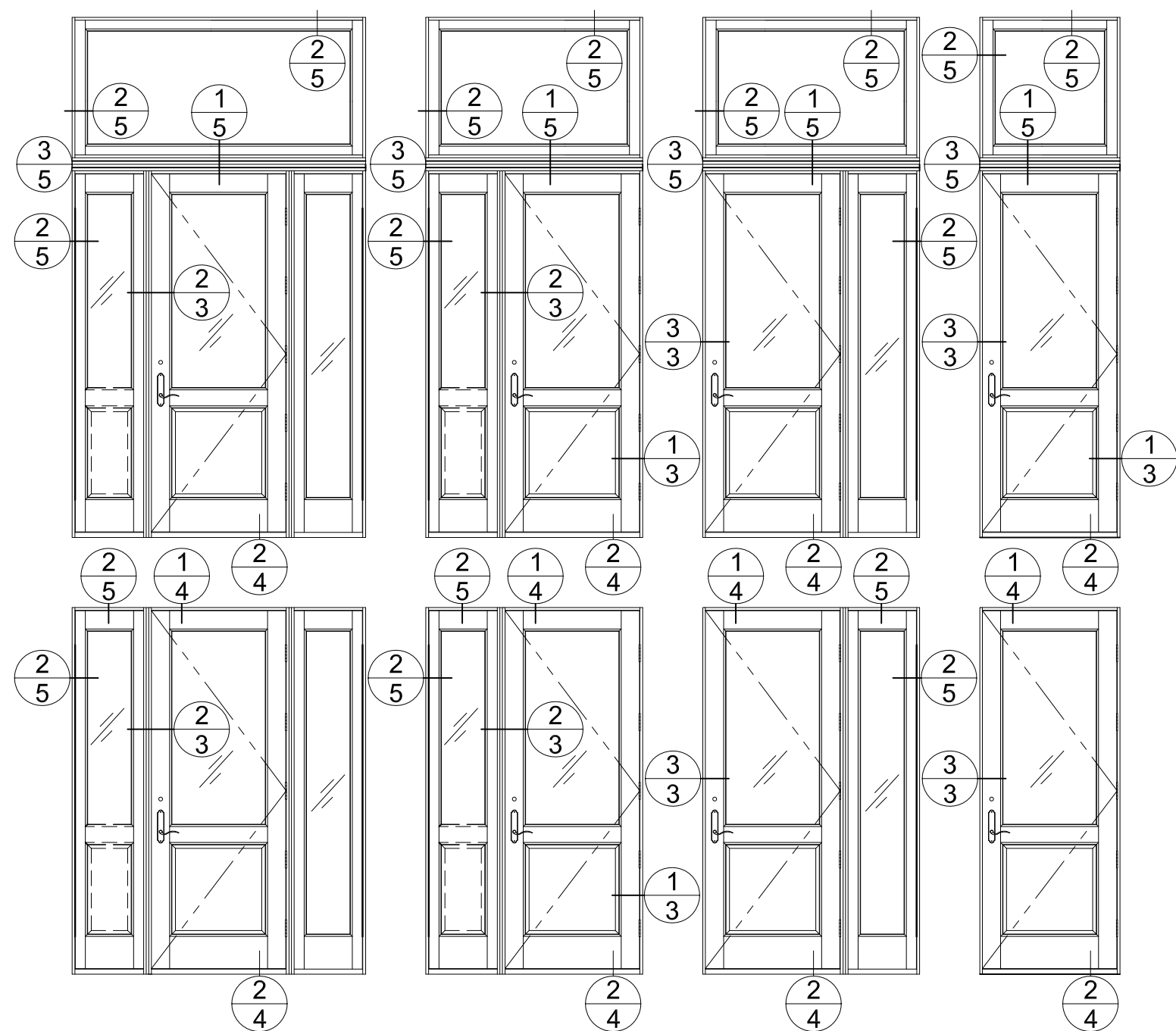
ROGUE VALLEY Door		123 NE BEACON DR. GRANTS PASS, OR 97526 PH. (541) 479-5028 Ext. 124	
SHEET DESCRIPTION: NOTES, GLAZING/PANEL DETAILS		DATE DRAWN: 12/19/2020	
		REV: A	
DRAWING: FPA-Rogue-Impact		SHEET: 1 OF 7	



1/31/2024
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SAMPLE ELEVATION



SAMPLE QUALIFIED CONFIGURATIONS

Rogue Valley Door

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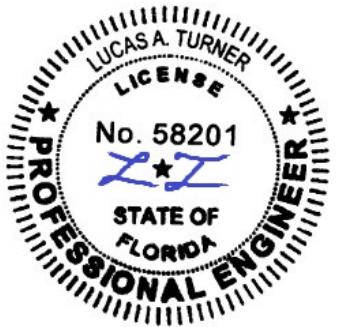
SHEET DESCRIPTION:
DOOR ELEVATIONS

DATE DRAWN:
12/19/2020

REV: A

DRAWING: FPA-Rogue-Impact

SHEET: 2 OF 7



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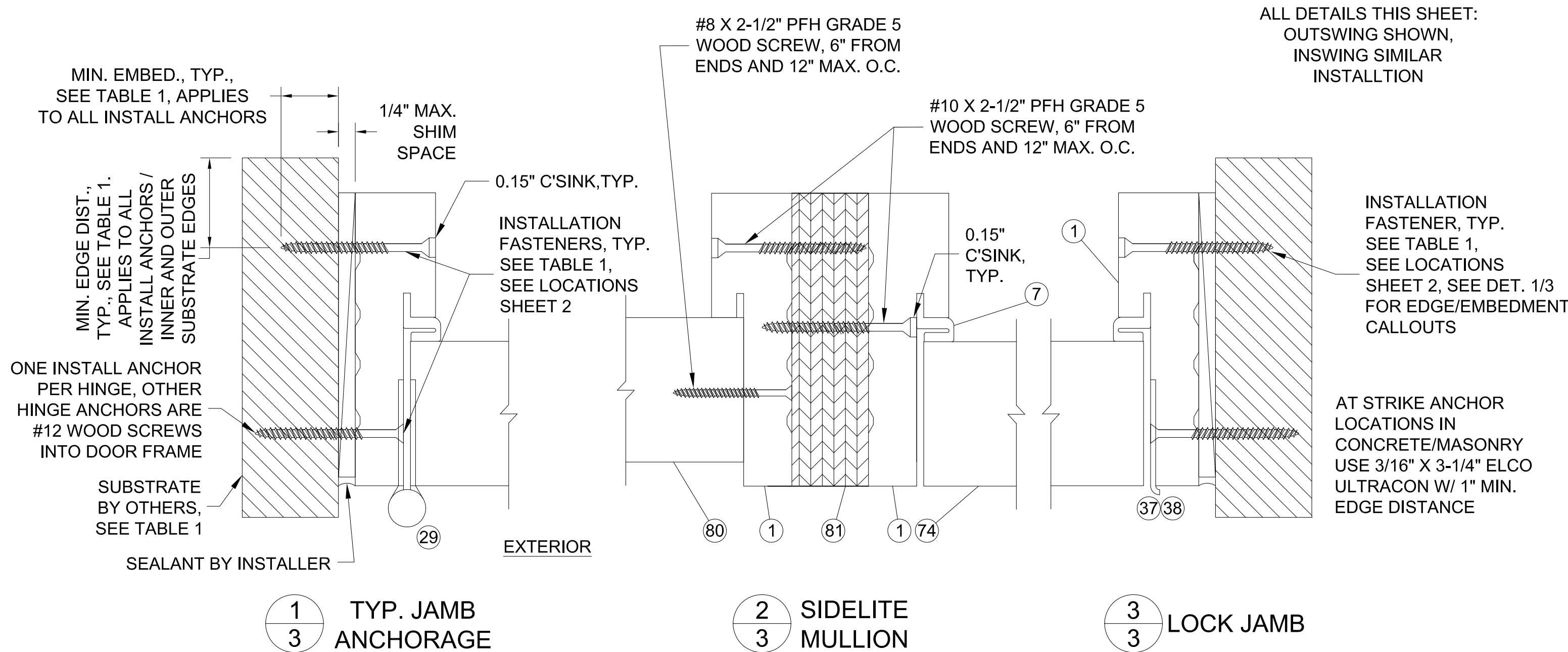
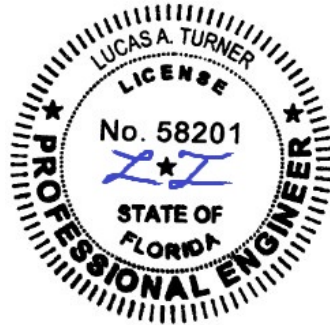


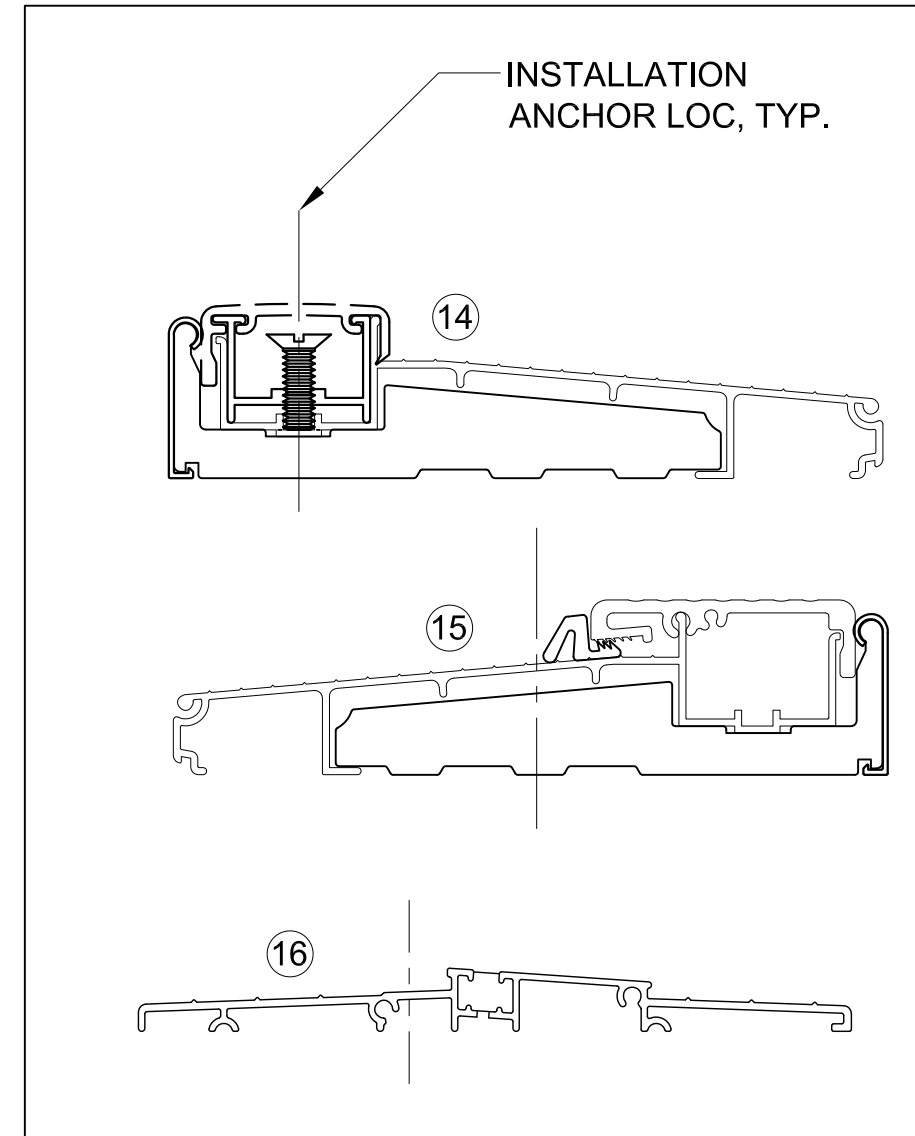
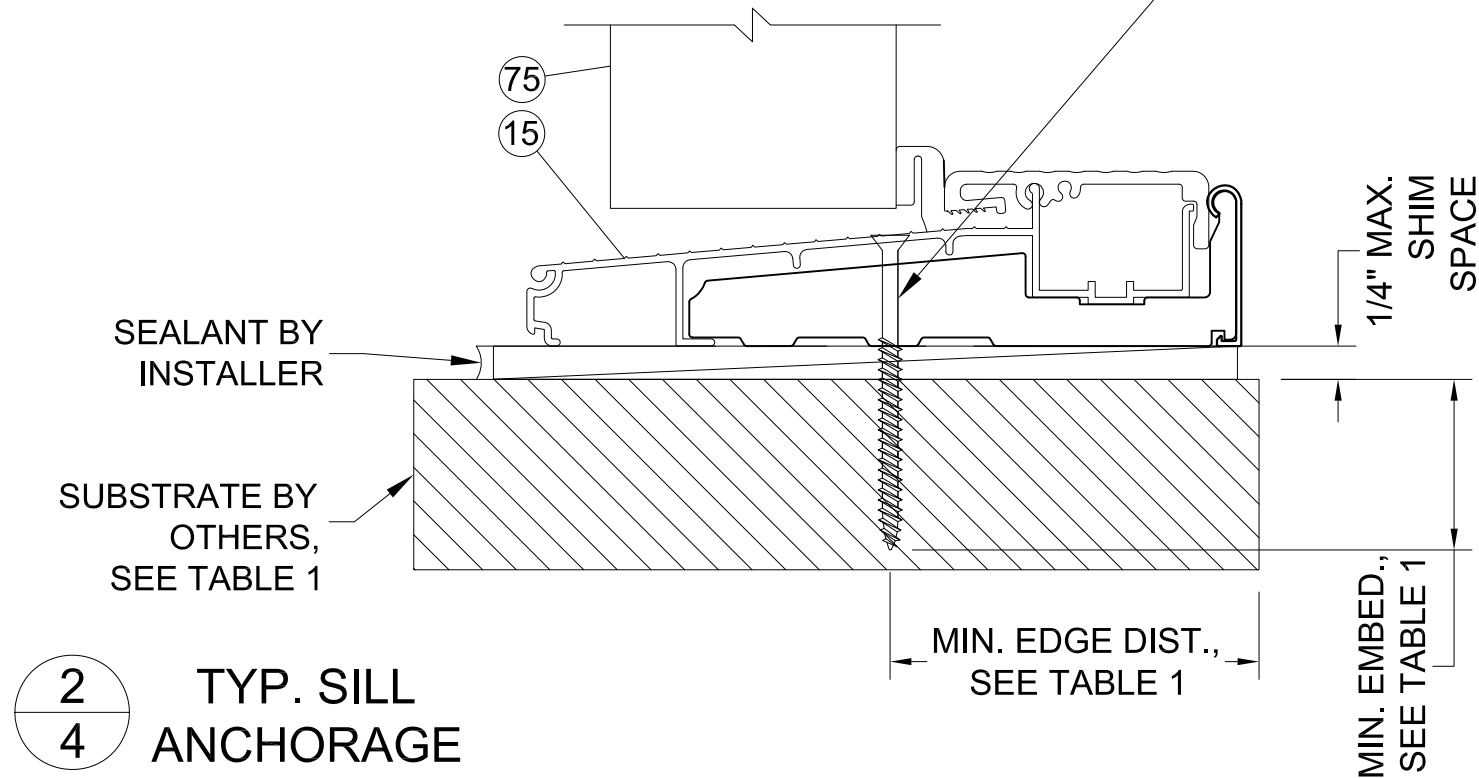
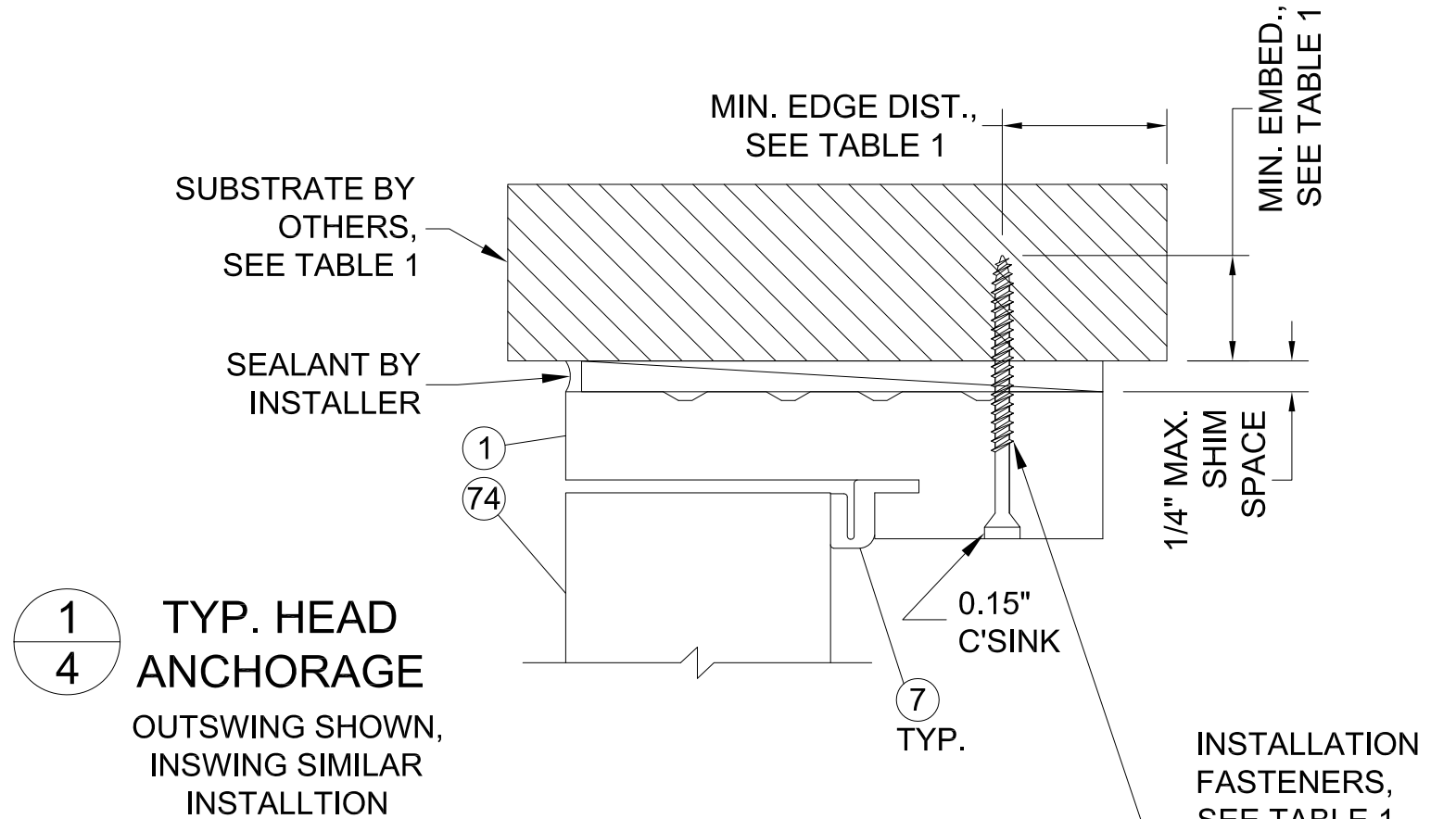
TABLE 1: INSTALLATION ANCHOR REQUIREMENTS TABLE (ALL ANCHORS FLAT HEAD)			
SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBED.	MIN. EDGE DIST.
CONCRETE (2.0 KSI MIN)	1/4" ITW TAPCON	1"	1 1/2"
HOLLOW OR GROUT-FILLED CMU* (117 PCF MIN.)	1/4" ITW TAPCON	1"	2"
CONCRETE (2.85 KSI MIN.)	1/4" DEWALT ULTRACON+	1-3/8"	1"
GROUT-FILLED CMU* (ASTM C-90)	1/4" DEWALT ULTRACON+	1-3/4"	2-1/2"
2X MIN. SOUTHERN PINE WOOD (G=0.55)	#10 GRADE 5 WOOD SCREW	1-1/2"	1"
16 GAUGE (0.060") MIN. STEEL STUD, 33KSI YIELD MIN., OR 1/8" ALUM. 6063-T5 MIN.	#10-16 HILTI KWIK-FLEX OR ITW TEKS SELF-DRILLING SCREW	FULL, PLUS 3 THREADS BEYOND	1/2"

* CMU APPLICABLE AT JAMBS ONLY

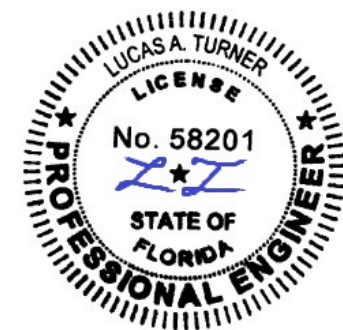
<i>Rogue Valley Door</i> 123 NE BEACON DR. GRANTS PASS, OR 97526 PH. (541) 479-5028 Ext. 124	
SHEET DESCRIPTION: HORIZ. DETAILS, INSTALL. TABLE	DATE DRAWN: 12/19/2020
	REV: A
DRAWING: FPA-Rogue-Impact	SHEET: 3 OF 7



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APPROVED
SILL TYPES
AND TYP.
INSTALLATION
ANCHOR
LOCATIONS



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Rogue Valley
Door

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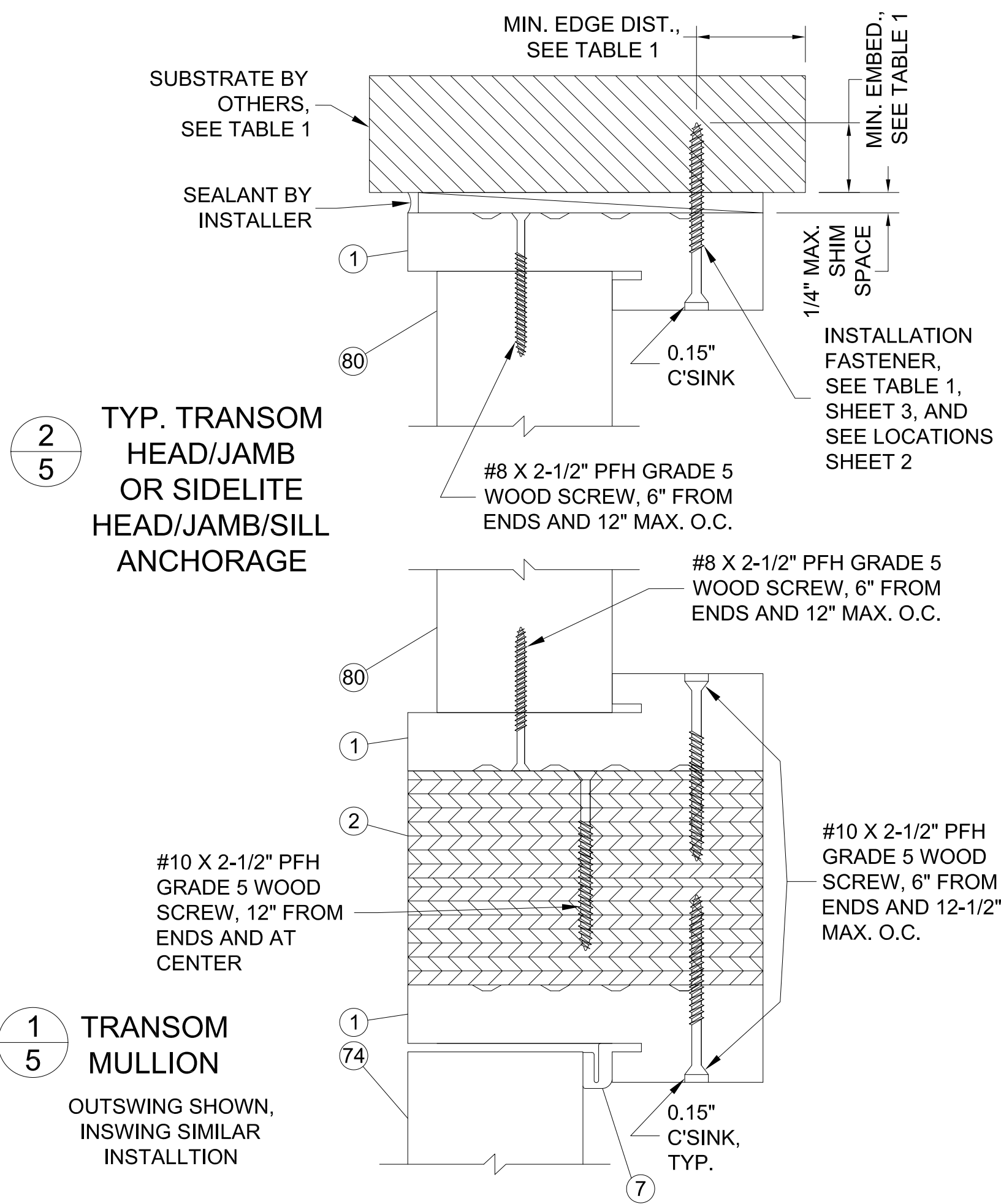
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DOOR VERTICAL SECT. DETAILS

DATE DRAWN:
12/19/2020

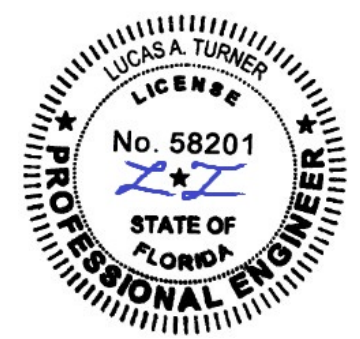
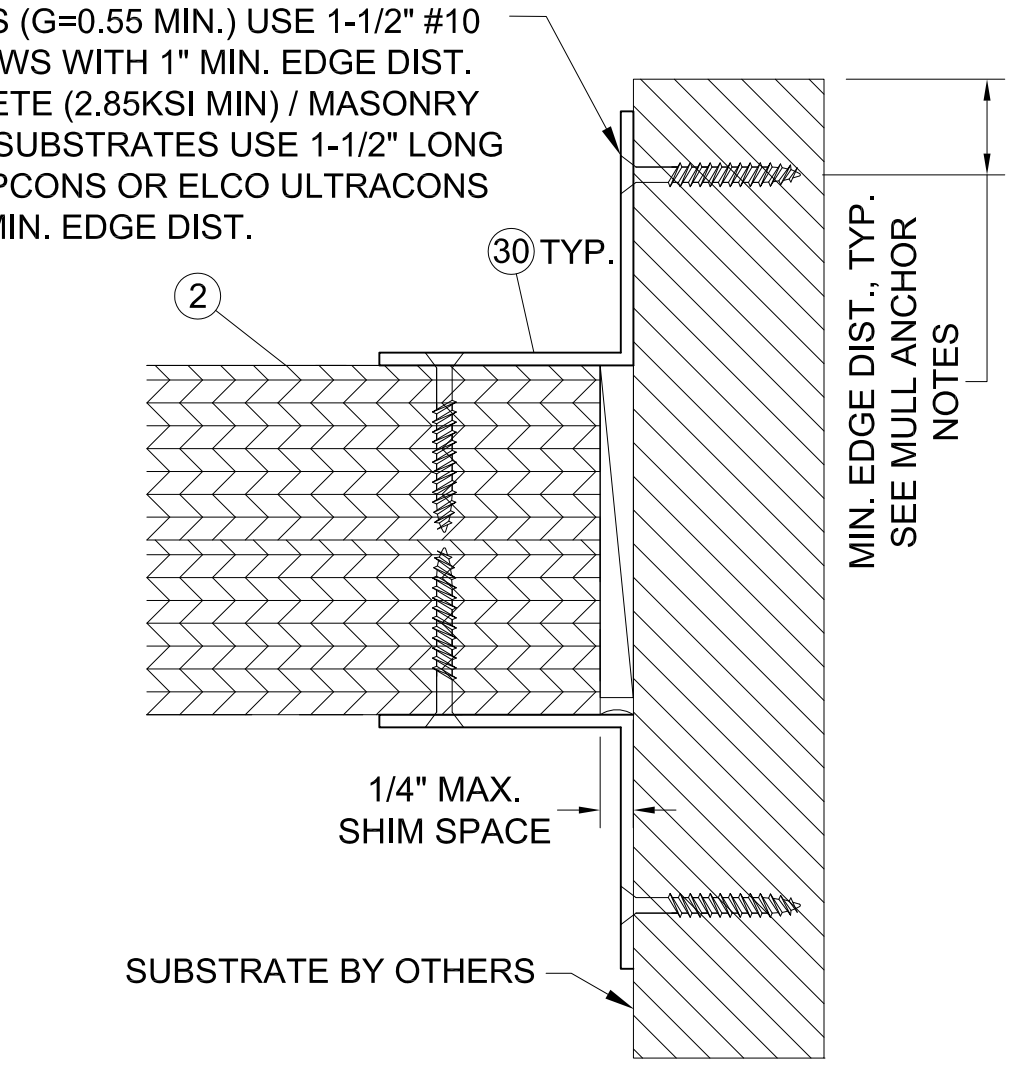
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DRAWING: FPA-Rogue-Impact

SHEET: 4 OF 7

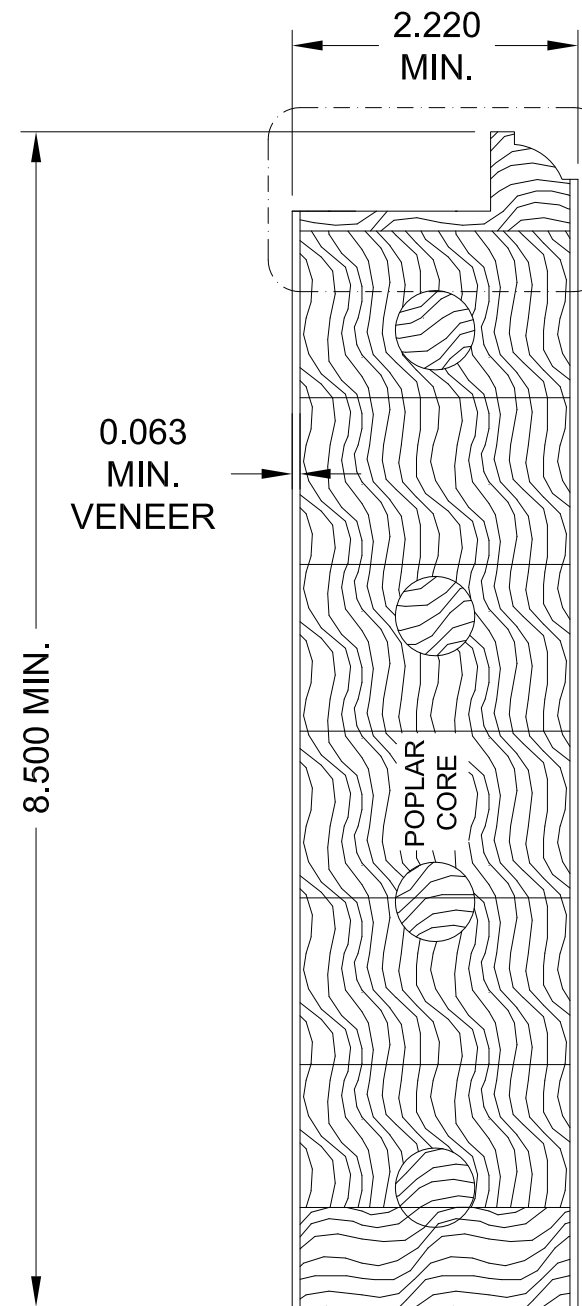
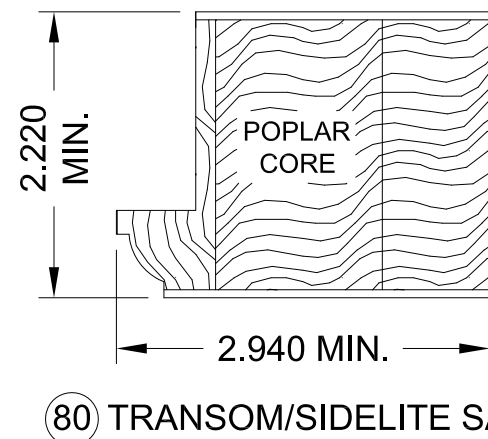
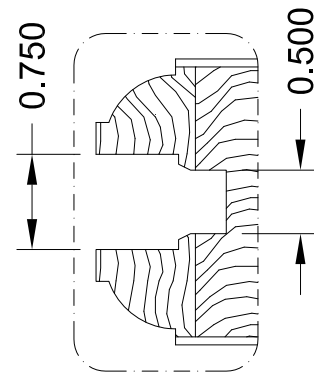
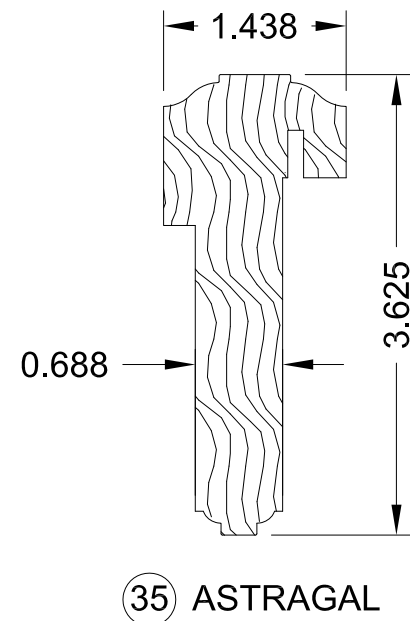
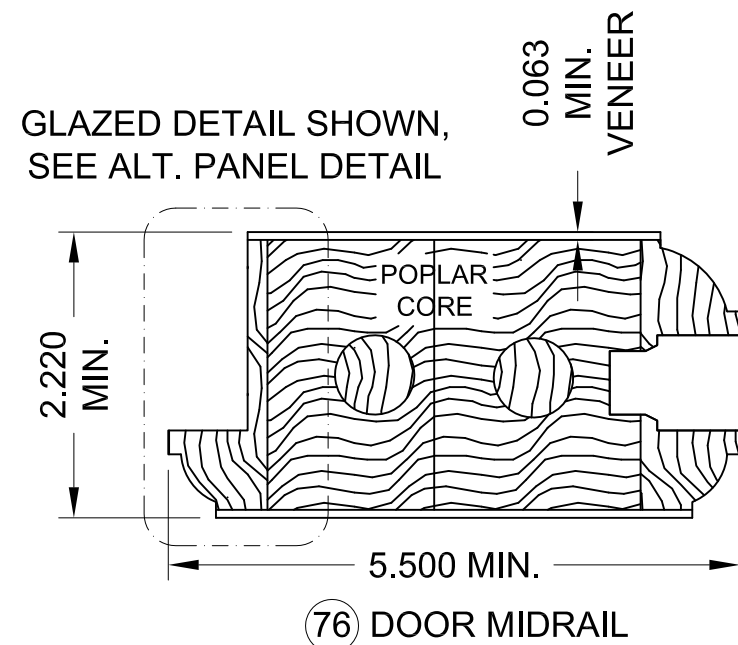
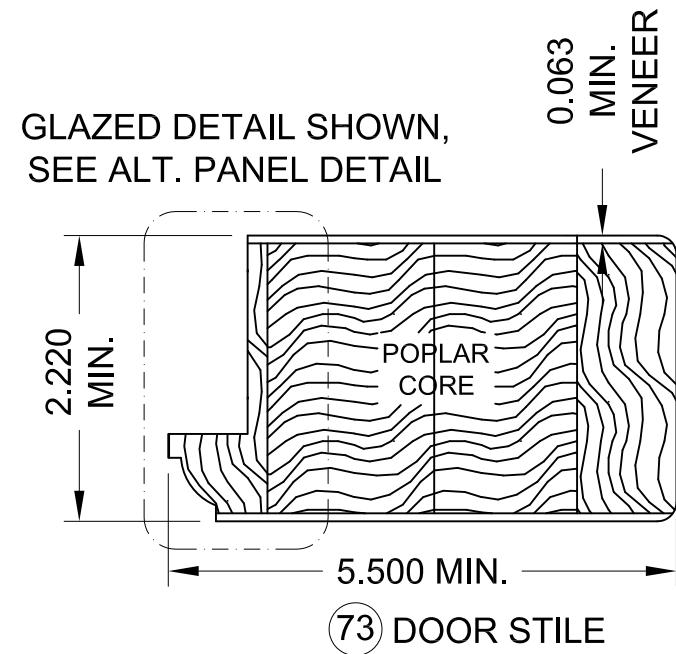
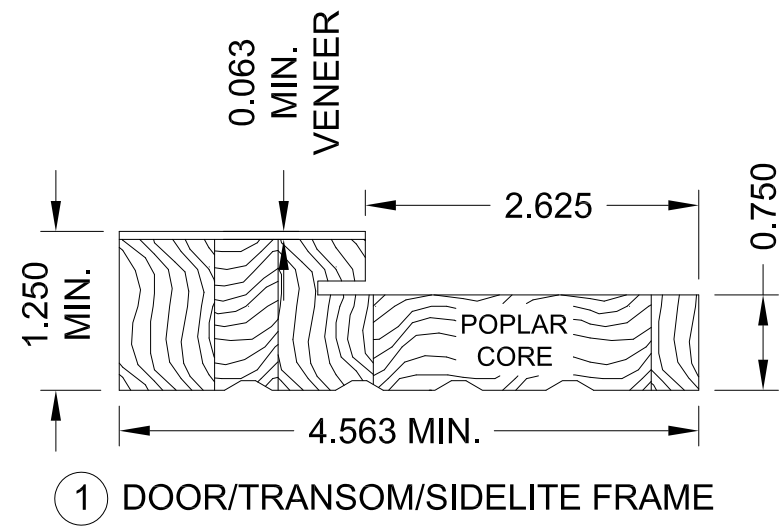


MULL ANCHOR NOTES:
 2 CLIPS PER EACH MULL END AS SHOWN.
 USE 6 INSTALLATION ANCHORS PER CLIP, 3
 INTO OPENING SUBSRATE AND 3 INTO
 MULLION THROUGH PRE-PUNCHED HOLES.
 FOR ANCHORS INTO MULLION AND WOOD
 SUBSTRATES (G=0.55 MIN.) USE 1-1/2" #10
 WOOD SCREWS WITH 1" MIN. EDGE DIST.
 FOR CONCRETE (2.85KSI MIN) / MASONRY
 (ASTM C-90) SUBSTRATES USE 1-1/2" LONG
 3/16" ITW TAPCONS OR ELCO ULTRACONS
 WITH 2-1/2" MIN. EDGE DIST.

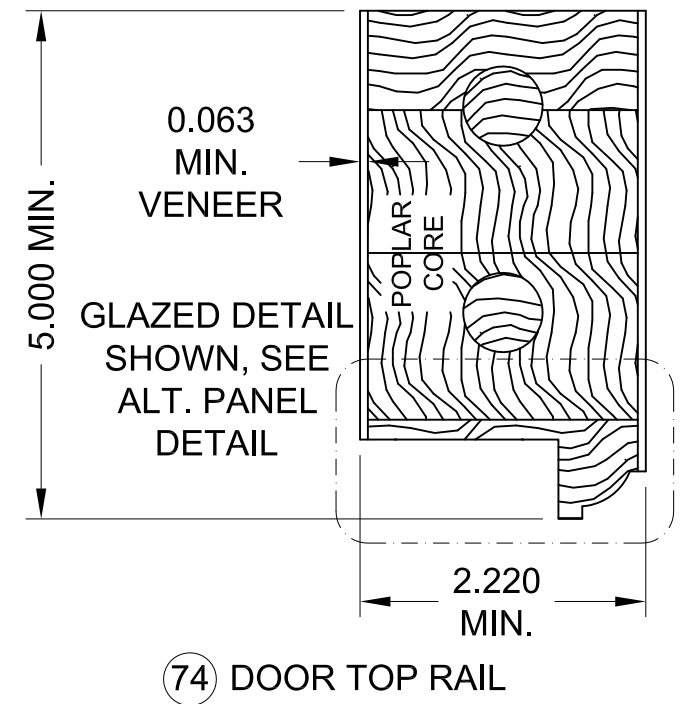
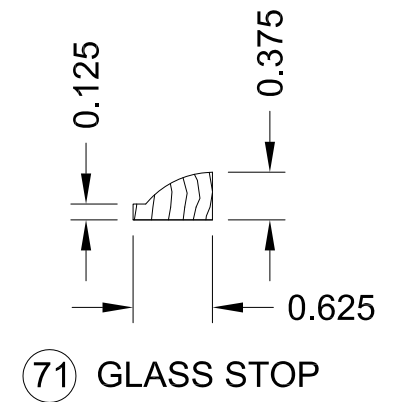


 123 NE BEACON DR. GRANTS PASS, OR 97526 PH. (541) 479-5028 Ext. 124	
SHEET DESCRIPTION: TRANSOM/MULL SECTION DETAILS	DATE DRAWN: 12/19/2020
	REV: A
DRAWING: FPA-Rogue-Impact	SHEET: 5 OF 7

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GLAZED DETAIL
SHOWN, SEE
ALT. PANEL
DETAIL



ALL DIMENSIONS IN INCHES.
WOOD DOOR COMPONENTS:
VENEER/EDGES: DOUGLAS FIR (G=0.51)
ENGINEERED STAVE CORE: POPLAR (G=0.42)

Rogue Valley Door

123 NE BEACON DR.
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SHEET DESCRIPTION:
PART DRAWINGS

DATE DRAWN:
12/19/2020

DRAWING: FPA-Rogue-Impact

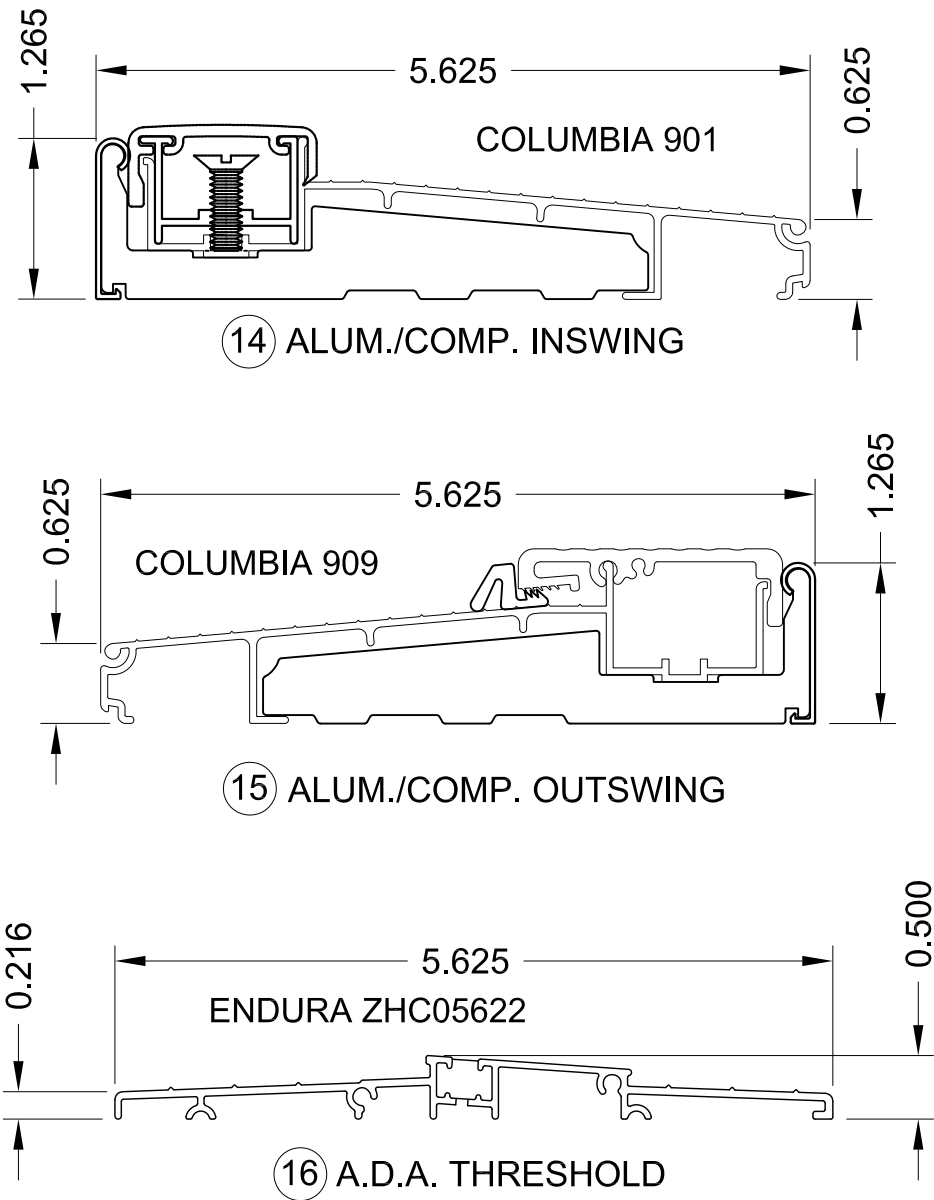
REV: A
SHEET: 6 OF 7



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BILL OF MATERIALS		
1	DOOR/TRANSOM FRAME	WOOD
2	VERSALAM MULLION	ENG. WOOD
7	FOAM-FILLED VINYL LEAF W'STRIP	VINYL
8	SWEEP GASKET	VINYL
14	INSWING THRESHOLD	ALUM/COMP.
15	OUTSWING THRESHOLD	ALUM/COMP.
16	A.D.A. THRESHOLD	ALUMINUM
23	#8 x 3/4" PFH WOOD SCREW	STEEL
24	#12 x 1" PFH WOOD SCREW	STEEL
25	#8 x 1-3/4" PFH WOOD SCREW	STEEL
26	#8 x 2-1/2" FH DEEP THREAD WOOD SCREW	STEEL
27	#9 x 2-1/2" PFH WOOD SCREW	STEEL
29	4.5" X 4.5" HINGE	STEEL
30	MULLION ANGLE CLIP (USP ML24-TZ)	STEEL
35	ASTRAGAL	WOOD
71	GLASS STOP	WOOD
72	3/4" FLAT PANEL (5/8" PLY W/ 1/16" VENEERS)	WOOD
73	DOOR STILE	WOOD
74	DOOR TOP RAIL	WOOD
75	DOOR BOTTOM RAIL	WOOD
76	DOOR MIDRAIL/INTERMEDIATE	WOOD
80	TRANSOM OR SIDELITE SASH	WOOD
81	VERSALAM SIDELITE MULLION	ENG. WOOD

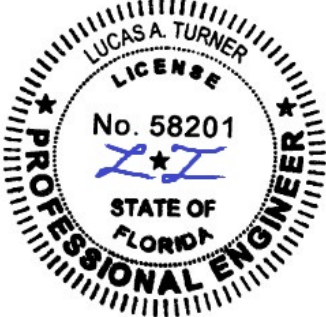
NUMBERS NOT SHOWN ABOVE NOT USED





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SHEET DESCRIPTION: BOM, PART DWGS	DATE DRAWN: 12/19/2020
	REV: A
DRAWING: FPA-Rogue-Impact	SHEET: 7 OF 7



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