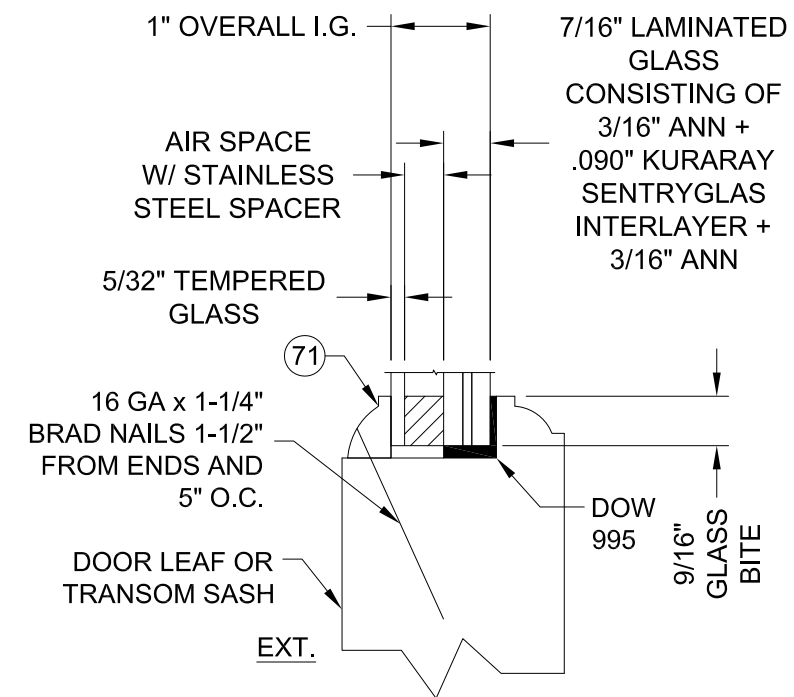


**GENERAL NOTES**

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 1886, AND ASTM E 1996, AND MEETS THE REQUIREMENTS OF THE 2018 INTERNATIONAL BUILDING CODE AND 2018 INTERNATIONAL RESIDENTIAL CODE. 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. 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.
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 IBC/IRC 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 TEXAS-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.

**IMPACT RATED 2-1/4" WOOD DOOR, SINGLE OR DOUBLE, INSWING OR OUTSWING, WITH OR WITHOUT TRANSOM**



**TYPICAL GLAZING  
DETAIL**


**DESIGN PRESSURE TABLE**

CONFIGURATION	DESIGN PRESSURE RATING	IMPACT RATING
INSWING DOOR	+/-60 PSF *	LARGE AND SMALL MISSILE
OUTSWING DOOR	+/-60 PSF	

**\* NOTE: INSWING SINGLE DOOR LIMITED TO +/-60 PSF WHEN USING SCHLAGE HARDWARE**

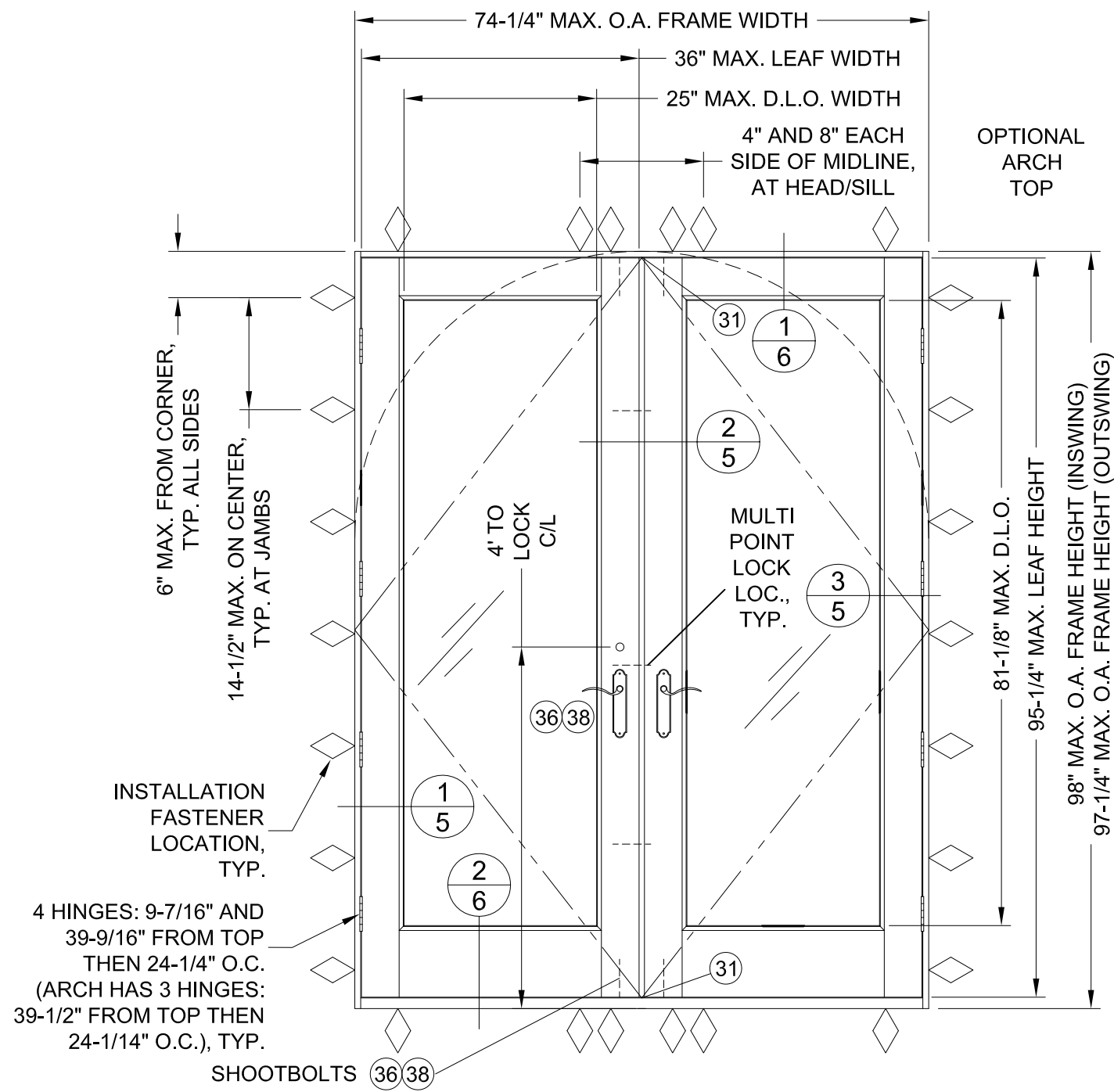
**TABLE OF CONTENTS:**

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

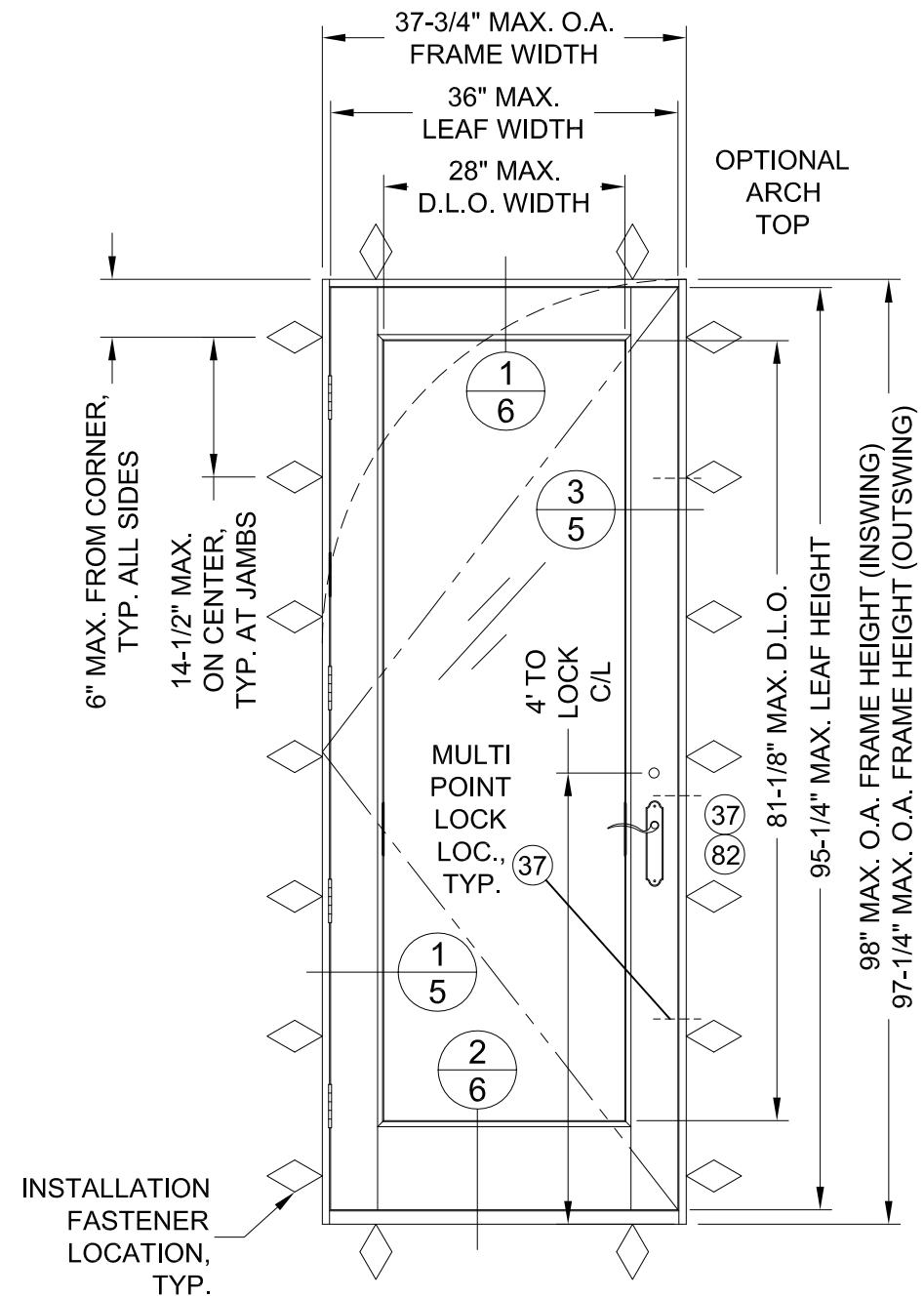
		123 NE BEACON DR. GRANTS PASS, OR 97526 PH. (541) 479-5028 Ext. 124	
SHEET DESCRIPTION: NOTES, GLAZING DETAIL		DATE DRAWN: 11/18/2021	
		REV: 0	
DRAWING: Rogue-LMI-8ft-TDI		SHEET: 1 OF 8	



11/18/2021  
 Lucas A. Turner, P.E.  
 TX PE #115094  
 2428 Old Natchez Trc Trl  
 Camden, TN 38320  
 Ph. 941-380-1574



**DOUBLE DOOR ELEVATION**



**SINGLE DOOR ELEVATION**

**LOCKING HARDWARE TABLE**

**SINGLE DOOR:**

- 1. SCHLAGE F51 KNOB / B60N DEADBOLT
- 2. ENDURA TRILENNIUM 3000 3-PT. MULTI-POINT LOCK

**DOUBLE DOOR W/ ITEM 81 SHOOTBOLT REINFORCEMENTS AND ITEM 31 STRIKES:**

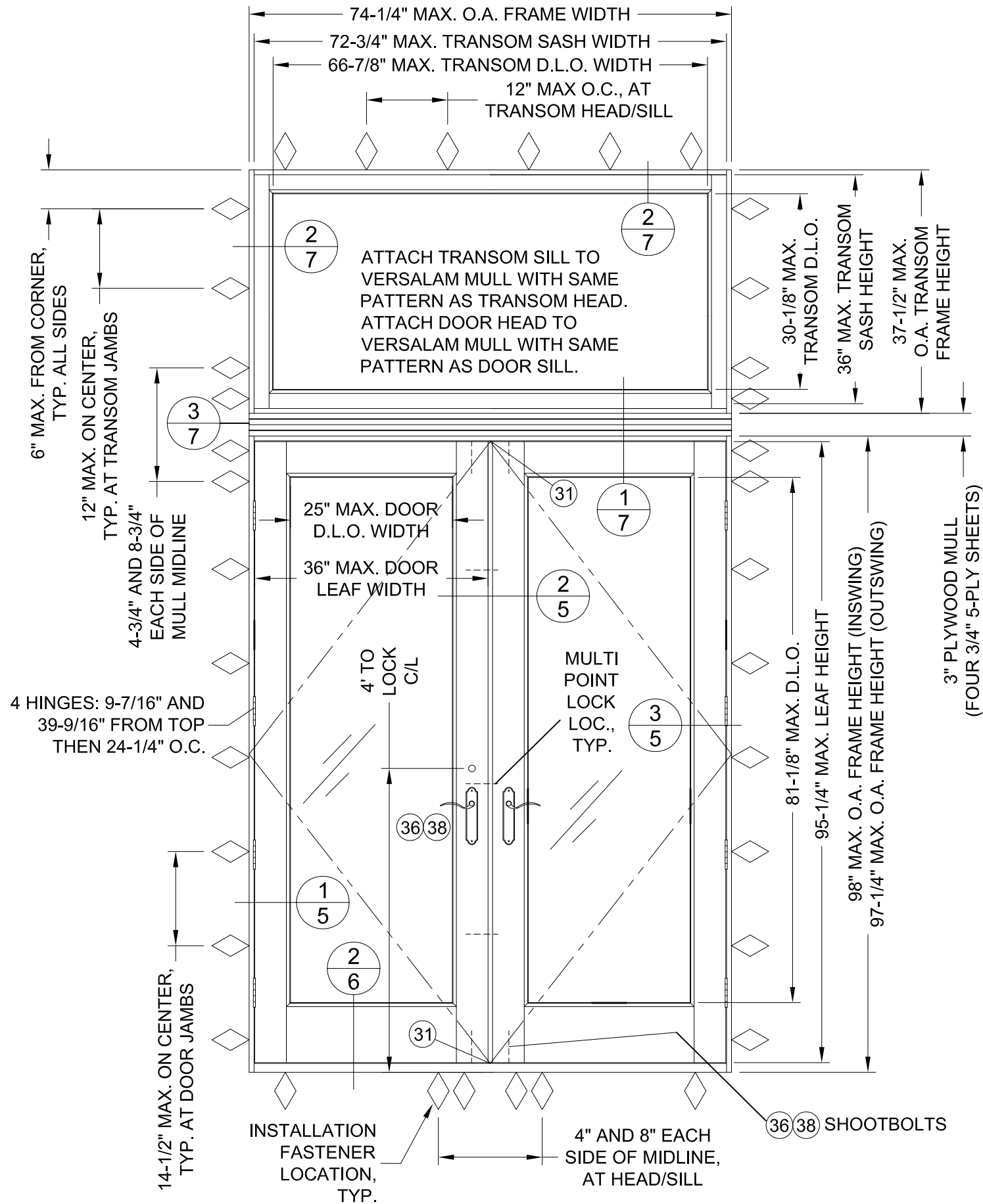
- 1. ACTIVE: ENDURA TRILENNIUM 3500 5-PT. MULTI-POINT LOCK  
INACTIVE: ENDURA TRILENNIUM 3020 2-PT. MULTI-POINT LOCK
- 2. ACTIVE: HOPPE HLS 9000 5-POINT TONGUE / SHOOTBOLTS  
INACTIVE: HOPPE HLS 9000 2-POINT SHOOTBOLTS

**NOTE: DOUBLE DOOR INSWING SILL  
REQUIRES ADDITIONAL 8" WOOD BLOCK  
INSIDE SILL UNDER ITEM 31 STRIKE PLATE.**

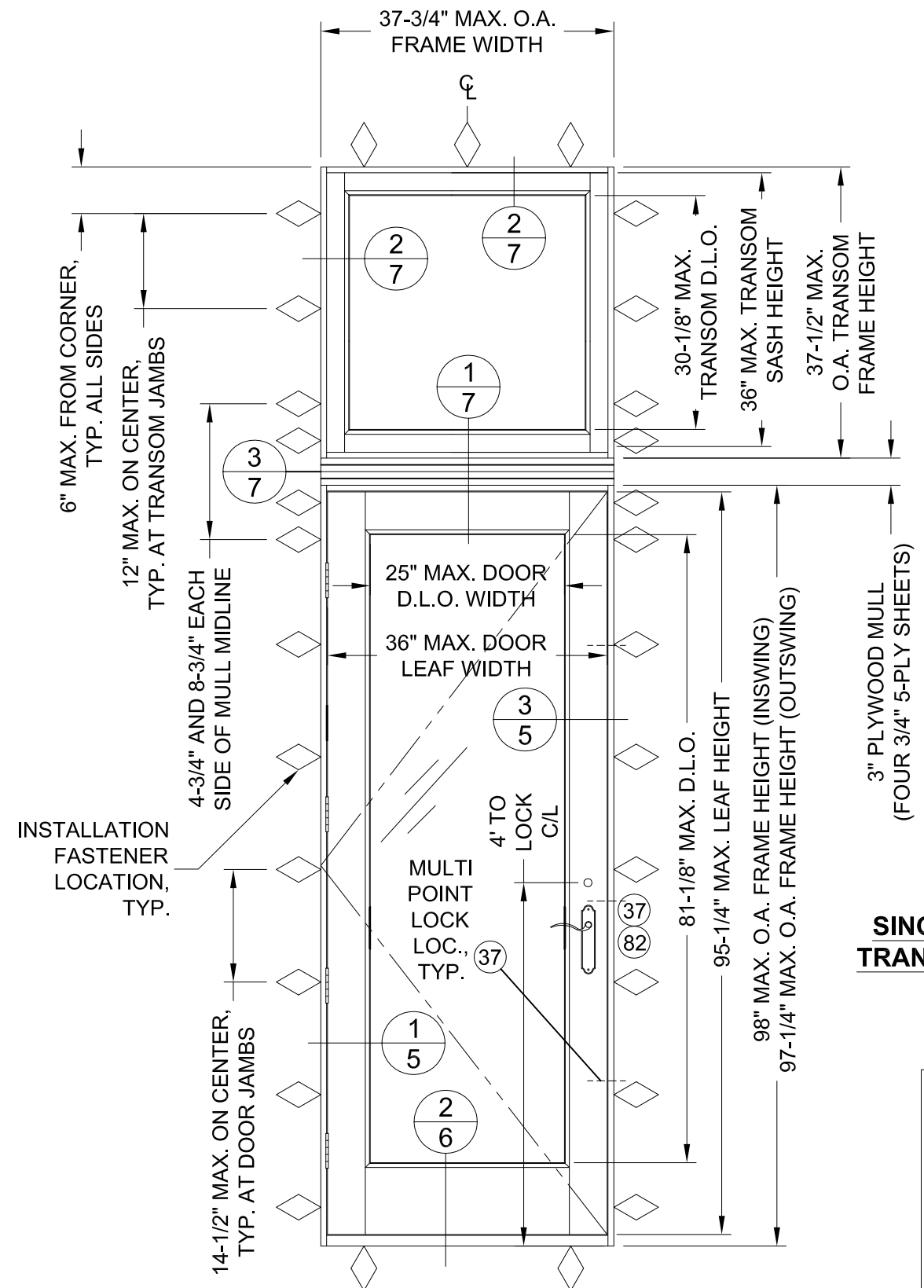
<i>Rogue Valley Door</i>		123 NE BEACON DR. GRANTS PASS, OR 97526 PH. (541) 479-5028 Ext. 124	
SHEET DESCRIPTION: DOOR ELEVATIONS		DATE DRAWN: 11/18/2021	
		REV: 0	
DRAWING: Rogue-LMI-8ft-TDI		SHEET: 2 OF 8	



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**DOUBLE DOOR WITH TRANSOM ELEVATION**

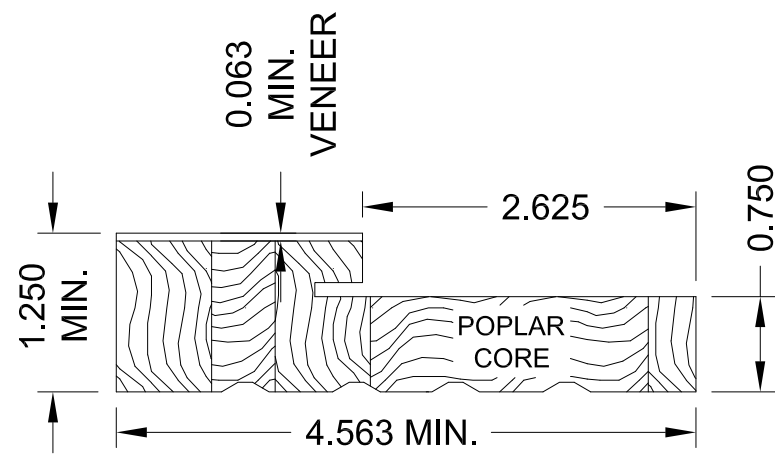


**SINGLE DOOR WITH TRANSOM ELEVATION**

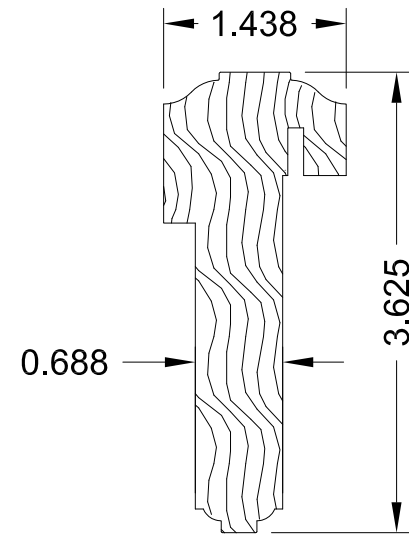


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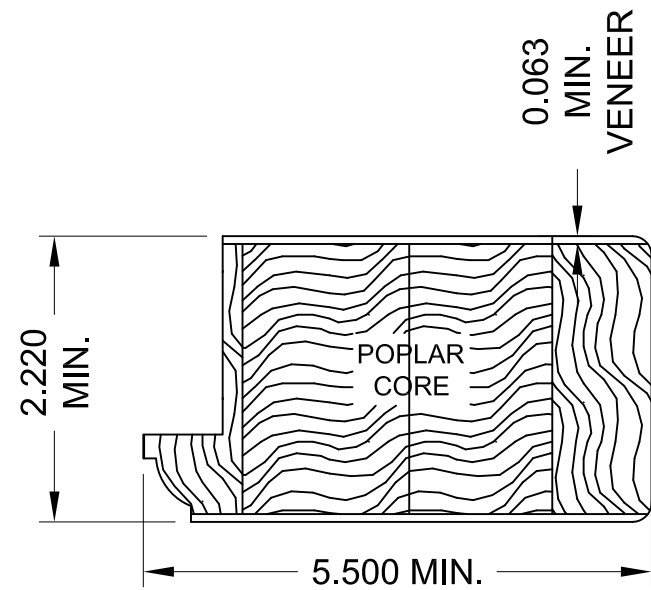
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SHEET DESCRIPTION: DOORS W/ TRANSOM ELEVATIONS		DATE DRAWN: 11/18/2021	
		REV: 0	
DRAWING: Rogue-LMI-8ft-TDI		SHEET: 3 OF 8	



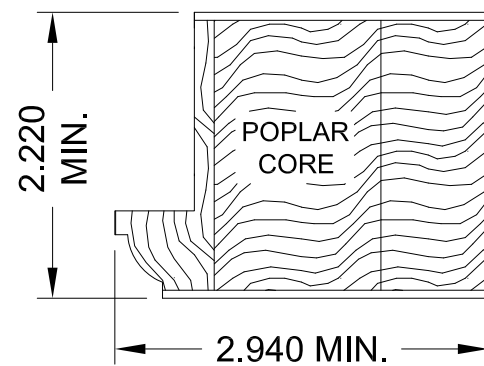
1 DOOR/TRANSOM FRAME



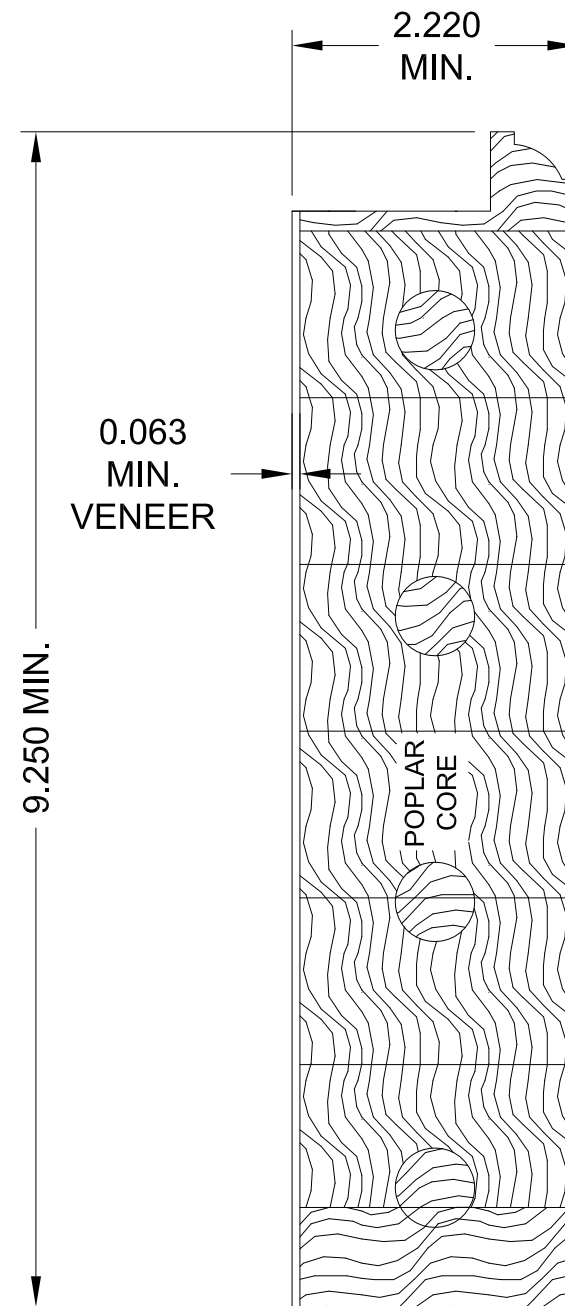
35 ASTRAGAL



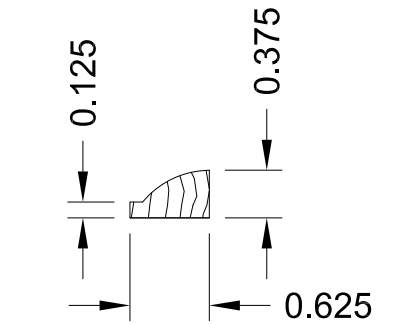
73 DOOR STILE



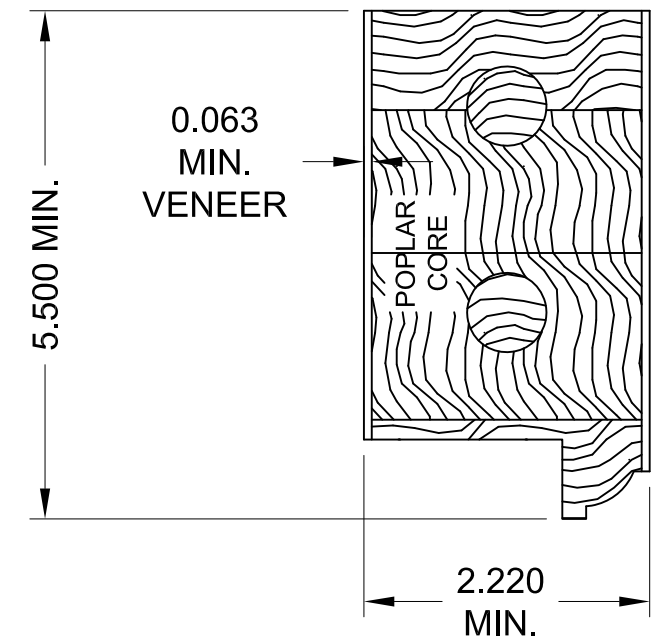
80 TRANSOM SASH



75 DOOR BOTTOM RAIL



71 GLASS STOP



74 DOOR TOP RAIL

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.  
 GRANTS PASS, OR 97526  
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SHEET DESCRIPTION:  
 PART DRAWINGS

DATE DRAWN:  
 11/18/2021

DRAWING: Rogue-LMI-8ft-TDI

REV: 0  
 SHEET: 4 OF 8



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ALL DETAILS THIS SHEET:  
OUTSWING SHOWN,  
INSWING SIMILAR  
INSTALLTION

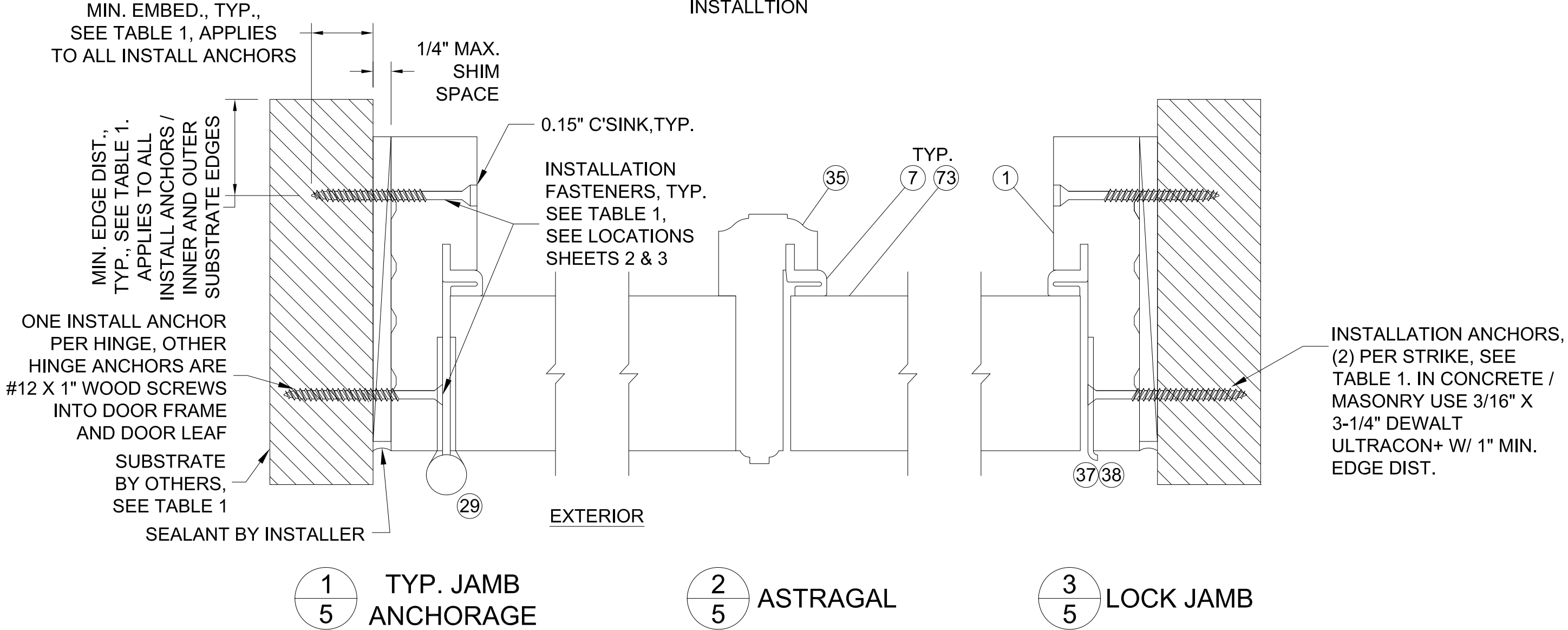


TABLE 1: INSTALLATION ANCHOR REQUIREMENTS TABLE (ALL ANCHORS FLAT HEAD)

ANCHOR TYPE	SUBSTRATE TYPE	MIN. EMBED.	MIN. EDGE DIST.
1/4" ITW TAPCON W/ ADVANCED THREADFORM TECHNOLOGY	CONCRETE (2.0 KSI MIN)	1"	1 1/2"
	HOLLOW OR GROUT-FILLED CMU* (117 PCF MIN.)	1"	2"
1/4" DEWALT ULTRACON+	CONCRETE (3.05 KSI MIN.)	1-3/8"	1"
	HOLLOW OR GROUT-FILLED CMU* (ASTM C-90)	1-1/4"	1"
#10 GRADE 5 WOOD SCREW	2X MIN. SOUTHERN PINE WOOD (G=0.55)	1-1/2"	1"
#10-16 HILTI KWIK-FLEX OR ITW TEKS SELF-DRILLING SCREW	16 GAUGE (0.060") MIN. STEEL STUD, 33KSI YIELD MIN., OR 1/8" ALUM. 6063-T5 MIN.	FULL, PLUS 3 THREADS BEYOND	1/2"

\* CMU APPLICABLE AT JAMBS ONLY

*Rogue Valley Door*

123 NE BEACON DR.  
GRANTS PASS, OR 97526  
PH. (541) 479-5028 Ext. 124

SHEET DESCRIPTION:  
HORIZ. DETAILS, INSTALL. TABLE

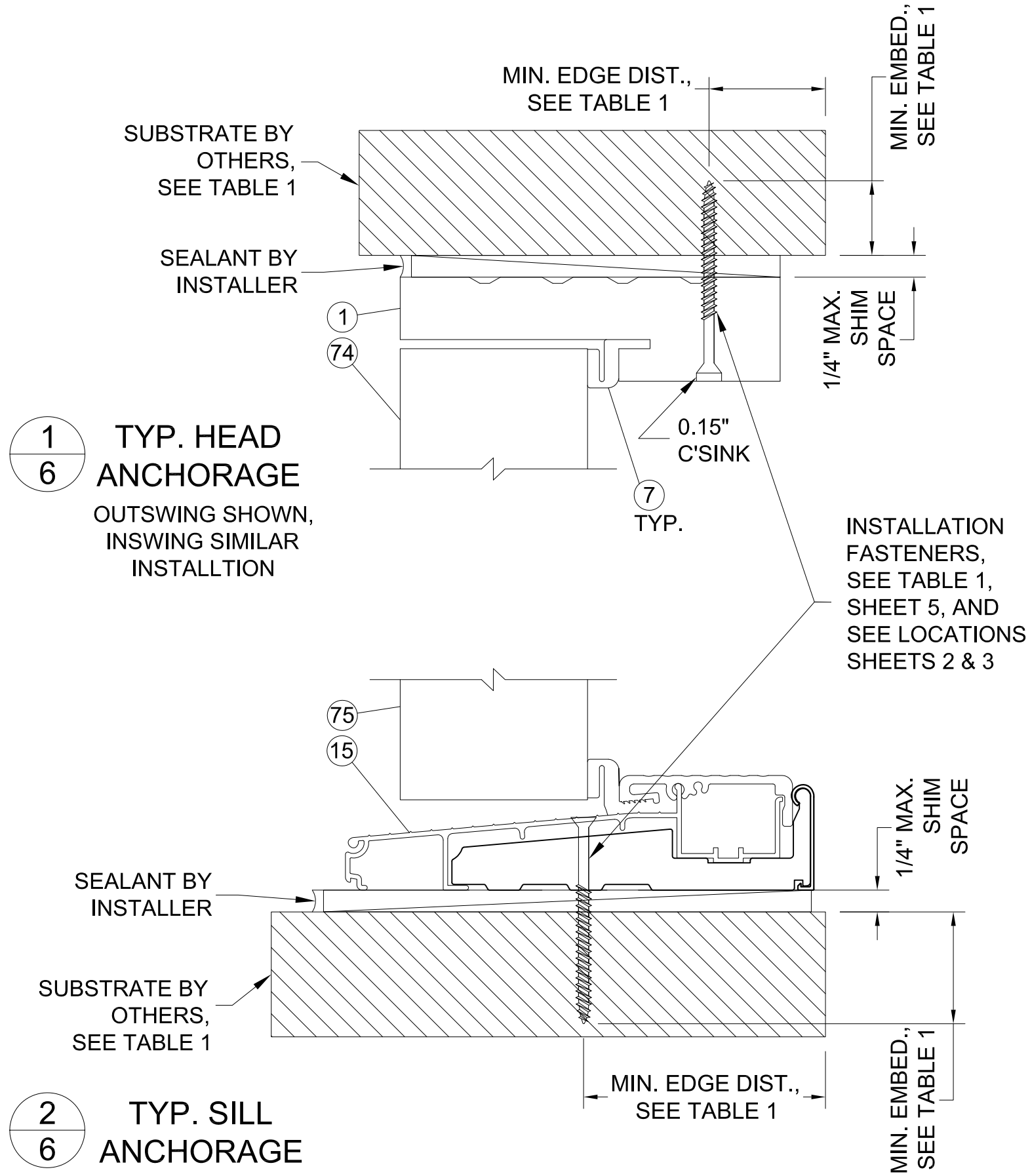
DATE DRAWN:  
11/18/2021

DRAWING: Rogue-LMI-8ft-TDI

REV: 0  
SHEET: 5 OF 8



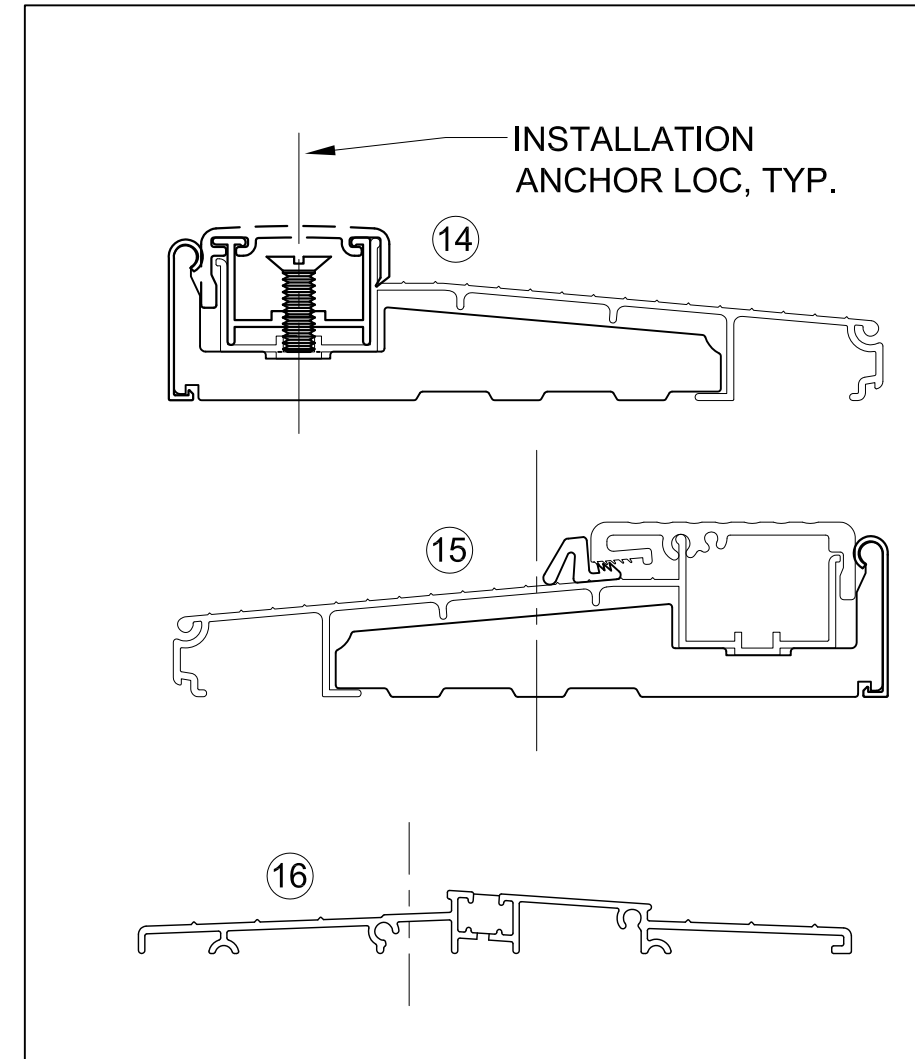
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**1**  
**6** TYP. HEAD ANCHORAGE  
OUTSWING SHOWN, INSWING SIMILAR INSTALLTION

**2**  
**6** TYP. SILL ANCHORAGE

OUTSWING SHOWN, OTHER SILL TYPES SIMILAR INSTALLTION.  
SEE APPROVED SILL TYPES AND TYP. INSTALLATION ANCHOR LOCATION DETAILS, THIS SHEET



APPROVED  
SILL TYPES  
AND TYP.  
INSTALLATION  
ANCHOR  
LOCATIONS

*Rogue Valley Door*

123 NE BEACON DR.  
GRANTS PASS, OR 97526  
PH. (541) 479-5028 Ext. 124

SHEET DESCRIPTION:  
DOOR VERTICAL SECT. DETAILS

DATE DRAWN:  
11/18/2021

DRAWING: Rogue-LMI-8ft-TDI

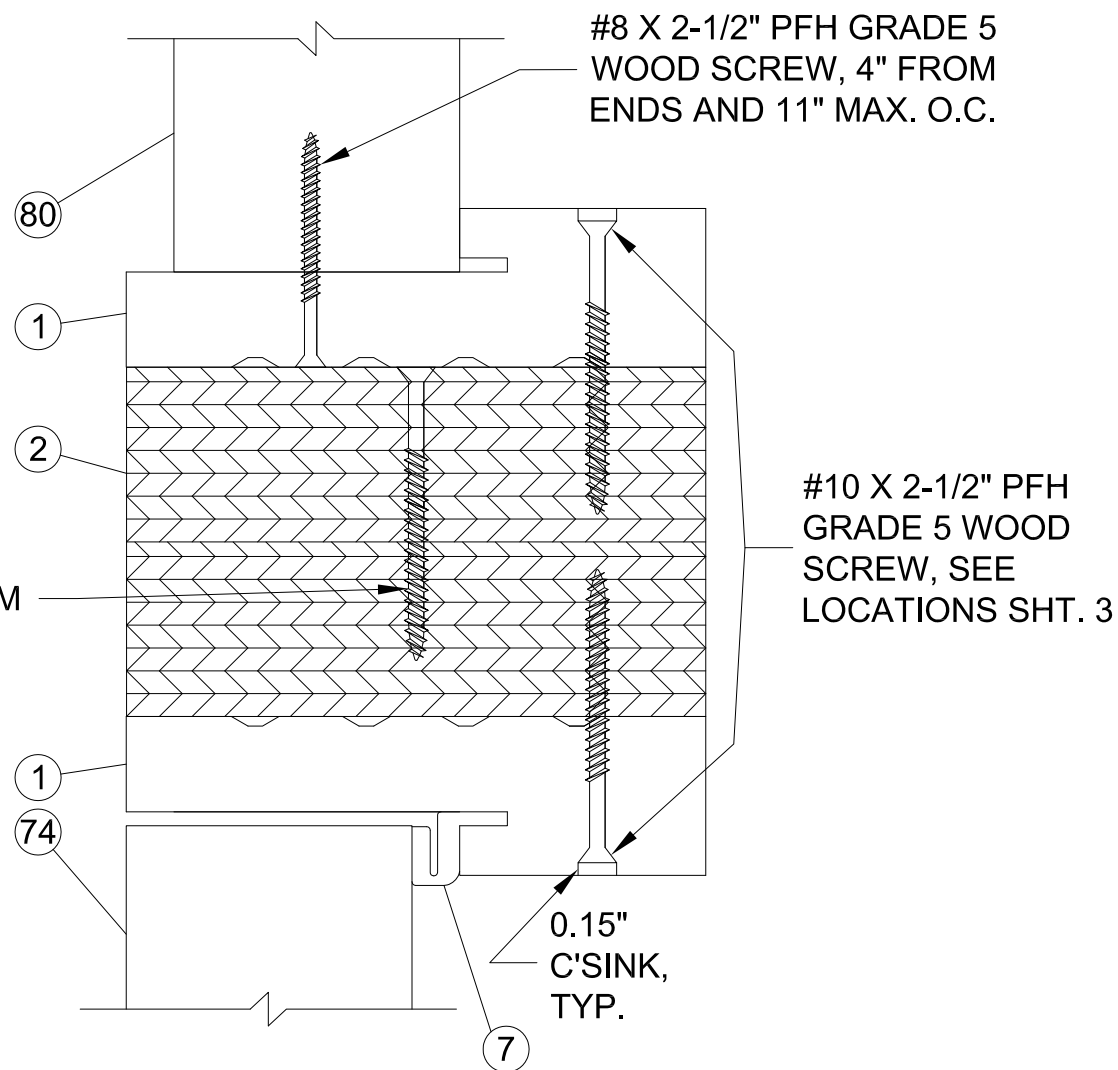
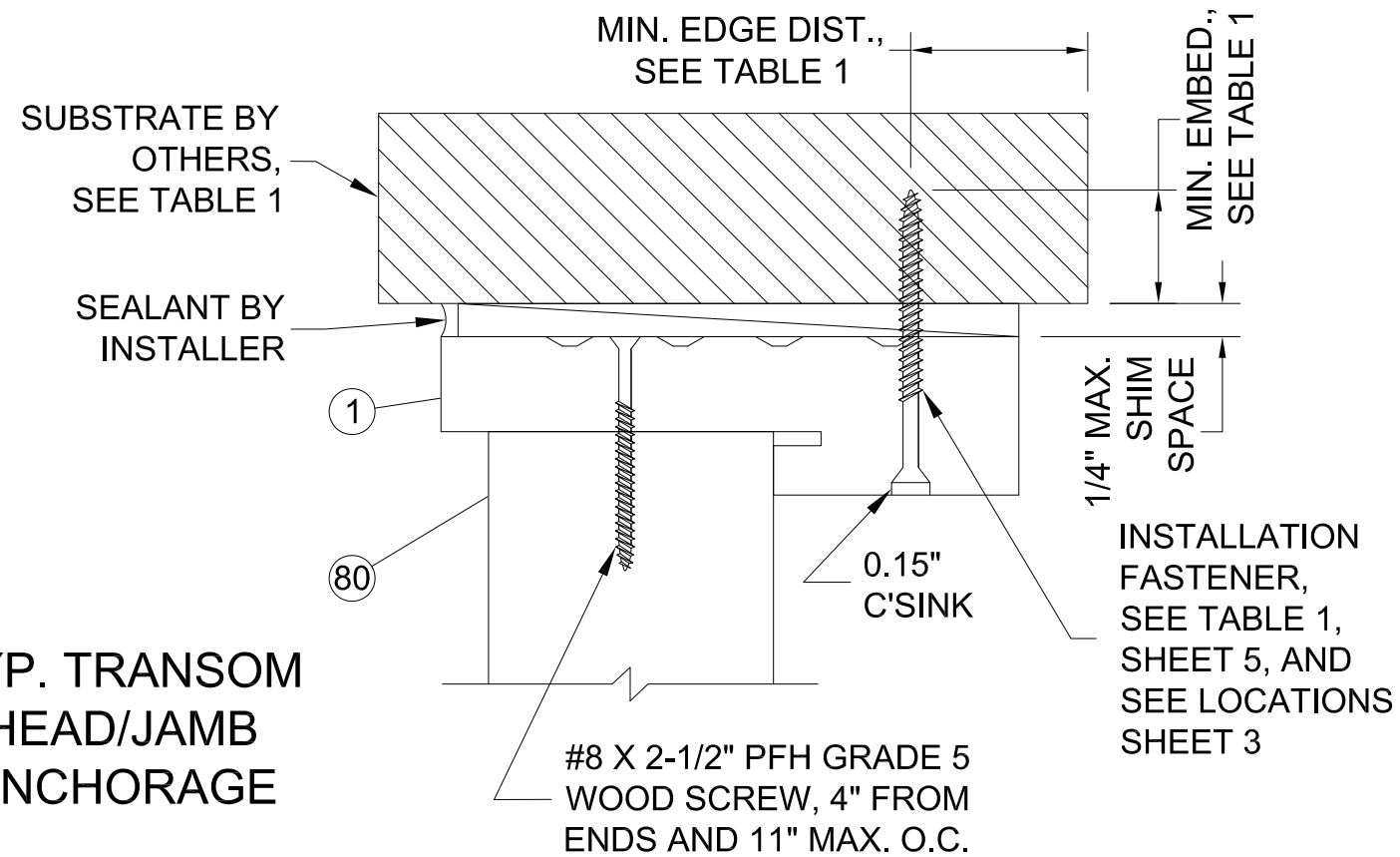
REV: 0  
SHEET: 6 OF 8



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2  
7

TYP. TRANSOM  
HEAD/JAMB  
ANCHORAGE



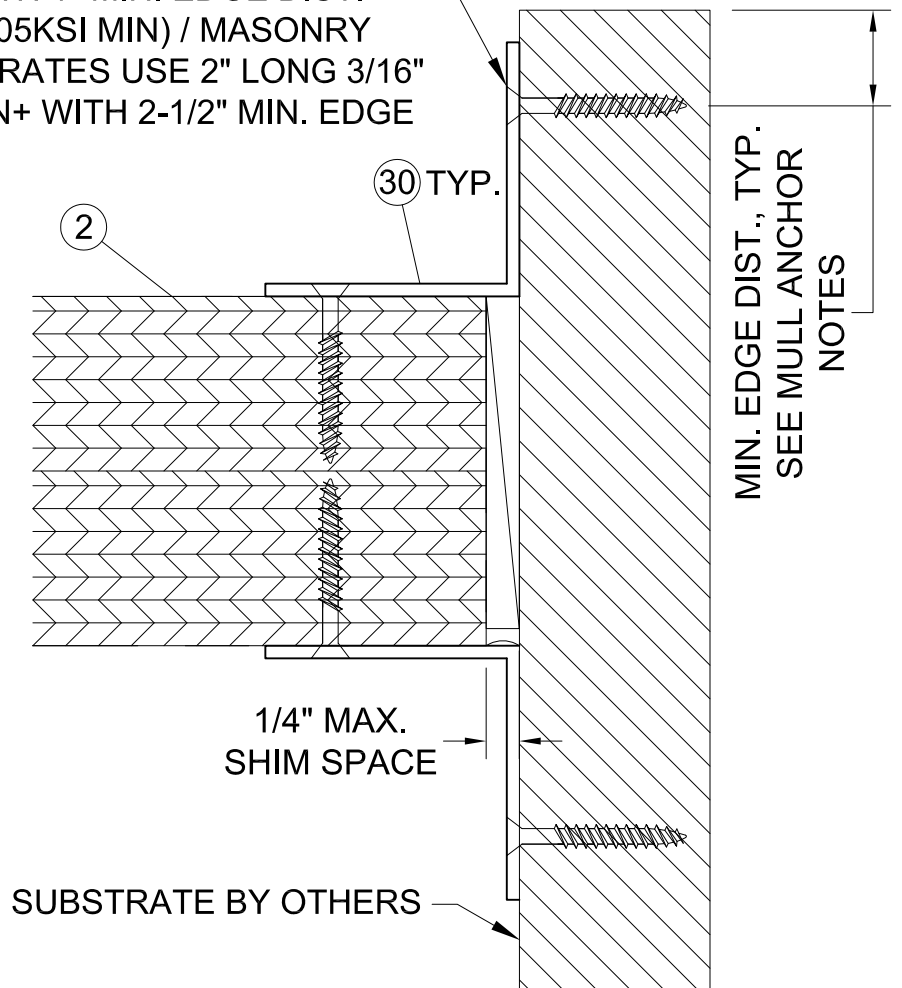
1  
7

MULLION

OUTSWING SHOWN,  
INSWING SIMILAR  
INSTALLTION

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 (3.05KSI MIN) / MASONRY  
(ASTM C-90) SUBSTRATES USE 2" LONG 3/16"  
DEWALT ULTRACON+ WITH 2-1/2" MIN. EDGE  
DIST.



3  
7

MULLION CLIP  
ANCHORAGE



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*Rogue Valley  
Door*

123 NE BEACON DR.  
GRANTS PASS, OR 97526  
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SHEET DESCRIPTION:  
TRANSOM/MULL SECTION DETAILS

DATE DRAWN:  
11/18/2021

REV: 0

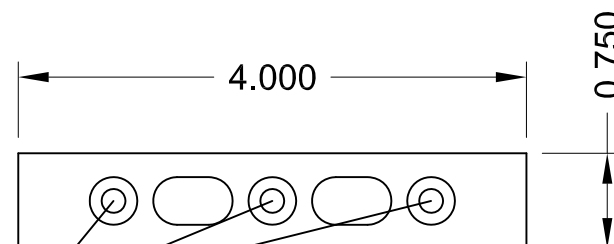
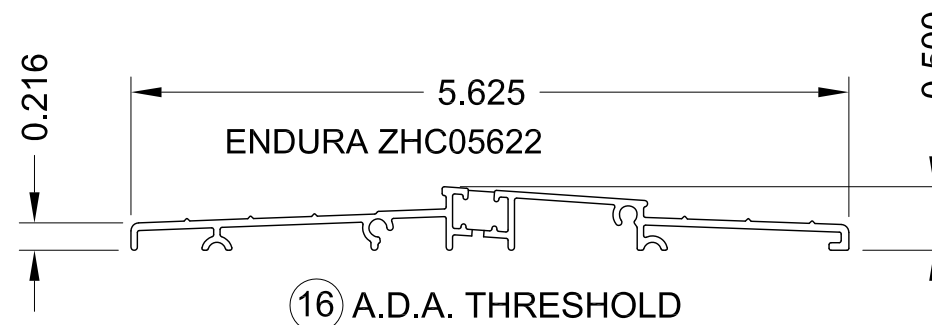
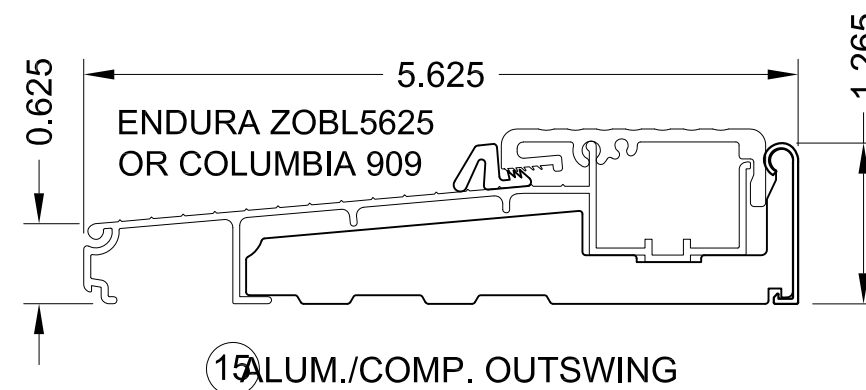
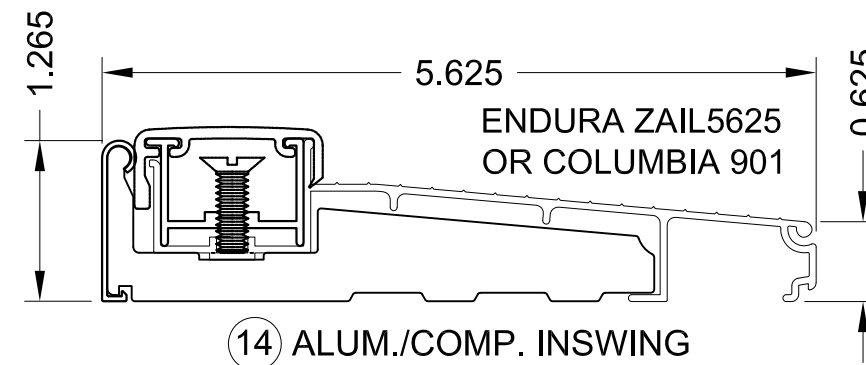
DRAWING: Rogue-LMI-8ft-TDI

SHEET: 7 OF 8

BILL OF MATERIALS

1	DOOR/TRANSOM FRAME	WOOD
2	VERSALAM MULL, (2) 1-3/4"X4-9/16" STACKED	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	ALUMINIUM
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
31	ASTRAGAL STRIKE	ST. STEEL
35	ASTRAGAL	WOOD
36	ENDURA TRILENNIUM 3500/3020 MULTI-POINT LOCK	STEEL
37	ENDURA TRILENNIUM 3000 3-PT LOCK	STEEL
38	HOPPE HLS9000 5-POINT/2-PT LOCK	STEEL
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
77	WOOD SILL, INSWING	WOOD
78	WOOD SILL WITH STOP, INSWING	WOOD
79	WOOD SILL, OUTSWING	WOOD
80	TRANSOM SASH	WOOD
81	SHOOTBOLT REINF. AT TOP/BOTTOM OF PANELS: FOR HOPPE 1/8"X7/8"X8" PLATE TO LEAF W/ (4) #7X1-3/4" FH WOOD SCREWS. FOR TRILLENIUM, 1/8"X1-3/8"X10" PLATE TO LEAF W/ (8) #7X1-3/4" FH WOOD SCREWS	STEEL
82	SCHLAGE F51 KNOB / B60N DEADBOLT	STEEL

NUMBERS NOT SHOWN ABOVE NOT USED



INSTALL. FASTENERS,  
SEE TABLE 1, SHT 5

⑳ ASTRAGAL STRIKE, 1/8" THICK

Rogue Valley  
Door

123 NE BEACON DR.  
GRANTS PASS, OR 97526  
PH. (541) 479-5028 Ext. 124

SHEET DESCRIPTION:  
BOM, PART DWGS

DATE DRAWN:  
11/18/2021

DRAWING: Rogue-LMI-8ft-TDI

SHEET: 8 OF 8



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