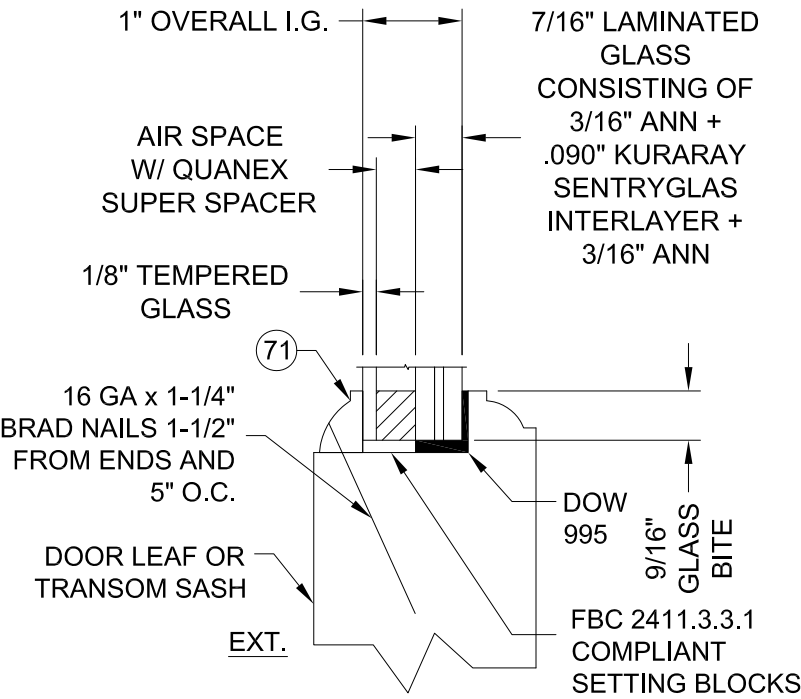


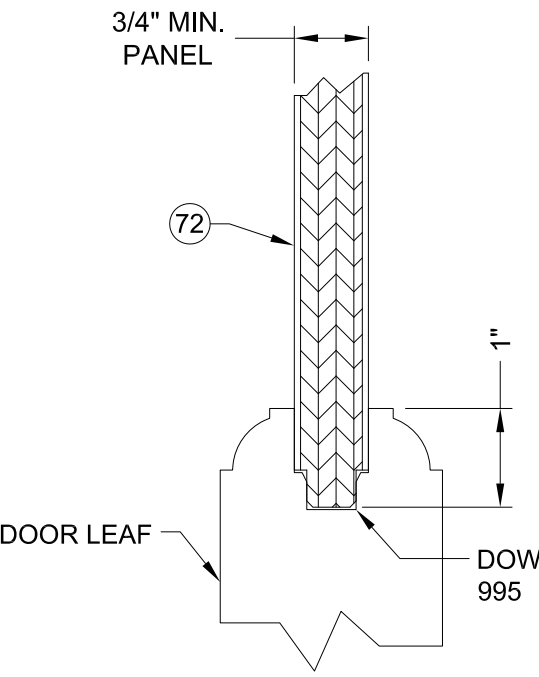
GENERAL NOTES

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 AAMA/WDMA/CSA 101/I.S.2/A440, ASTM E 1886, ASTM E 1996, AND TAS 201/202/203, AND MEETS THE REQUIREMENTS OF THE 8TH ED. (2023) FLORIDA BUILDING CODE, INCLUDING THE HIGH VELOCITY HURRICANE ZONE. 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 OUTSIDE THE HVHZ, 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).
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 04/09 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.

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



TYPICAL GLAZING DETAIL



TYPICAL PANEL DETAIL

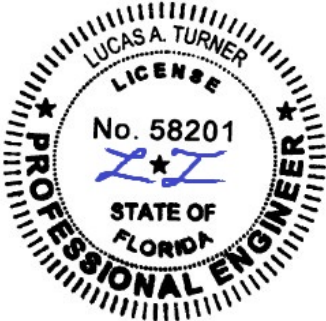
FLAT PANEL SHOWN.
RAISED PANEL
ALLOWED WITH SAME
MIN. CORE AS FLAT

DESIGN PRESSURE TABLE

CONFIGURATION	DESIGN PRESSURE RATING	IMPACT RATING
INSWING DOOR	+/-60 PSF	LARGE AND SMALL MISSILE
OUTSWING DOOR	+/-50 PSF	

NOTE: DESIGN PRESSURE IS LIMITED TO 50 PSF WHEN USING ADA THRESHOLD OR HOPPE HLS 9000 HARDWARE OPTIONS

Lucas Turner
2024.01.31
16:57:36
-06'00'

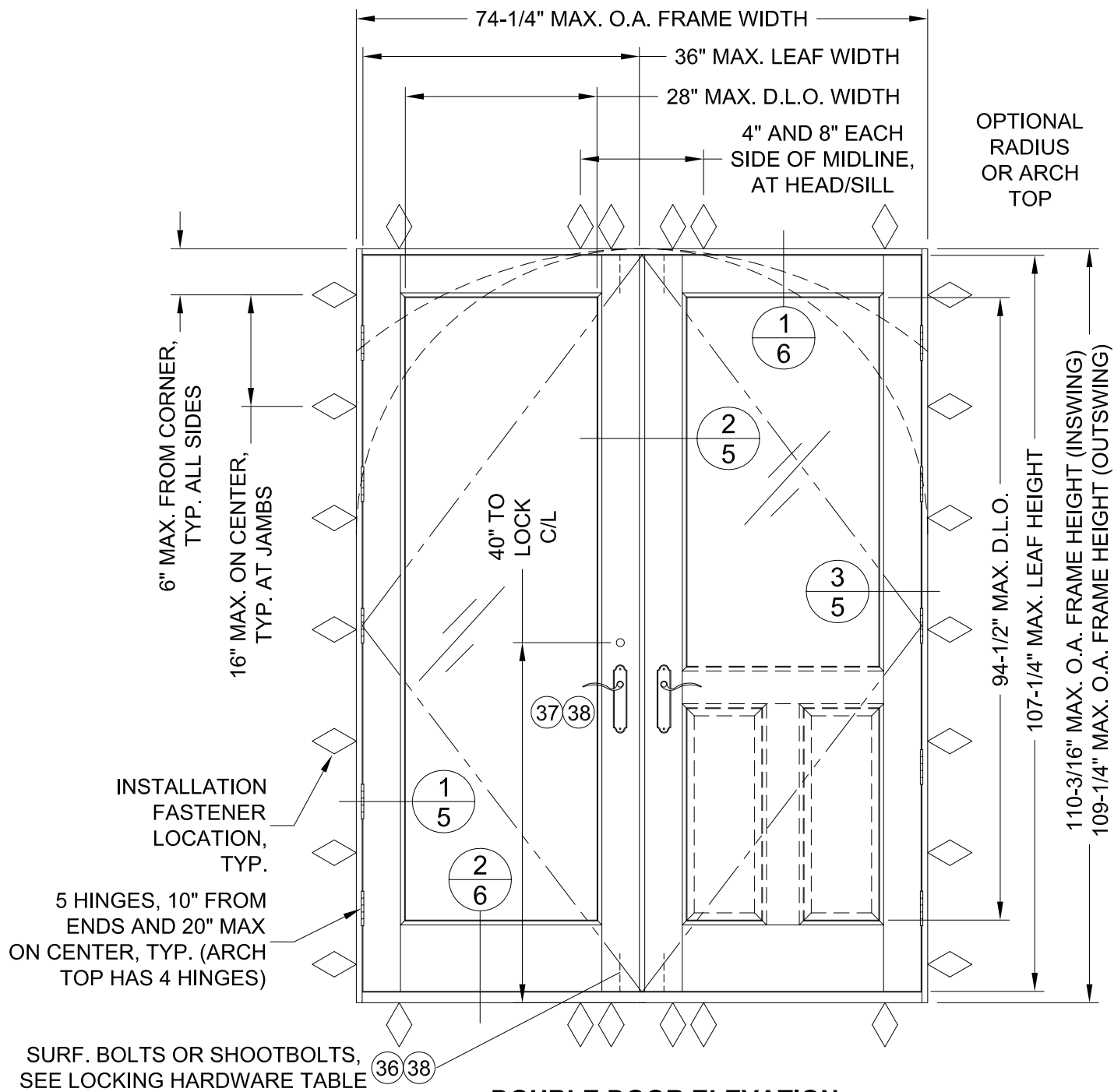


1/31/2024
Lucas A. Turner, P.E.
FL PE #58201
2428 Old Natchez Trc Trl
Camden, TN 38320
Ph. 941-380-1574

TABLE OF CONTENTS:

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

		123 NE BEACON DR. GRANTS PASS, OR 97526 PH. (541) 479-5028 Ext. 124	
SHEET DESCRIPTION: NOTES, GLAZING/PANEL DETAILS		DATE DRAWN: 11/30/2018	
		REV: A	
DRAWING: FPA-Rogue-LMI		SHEET: 1 OF 9	

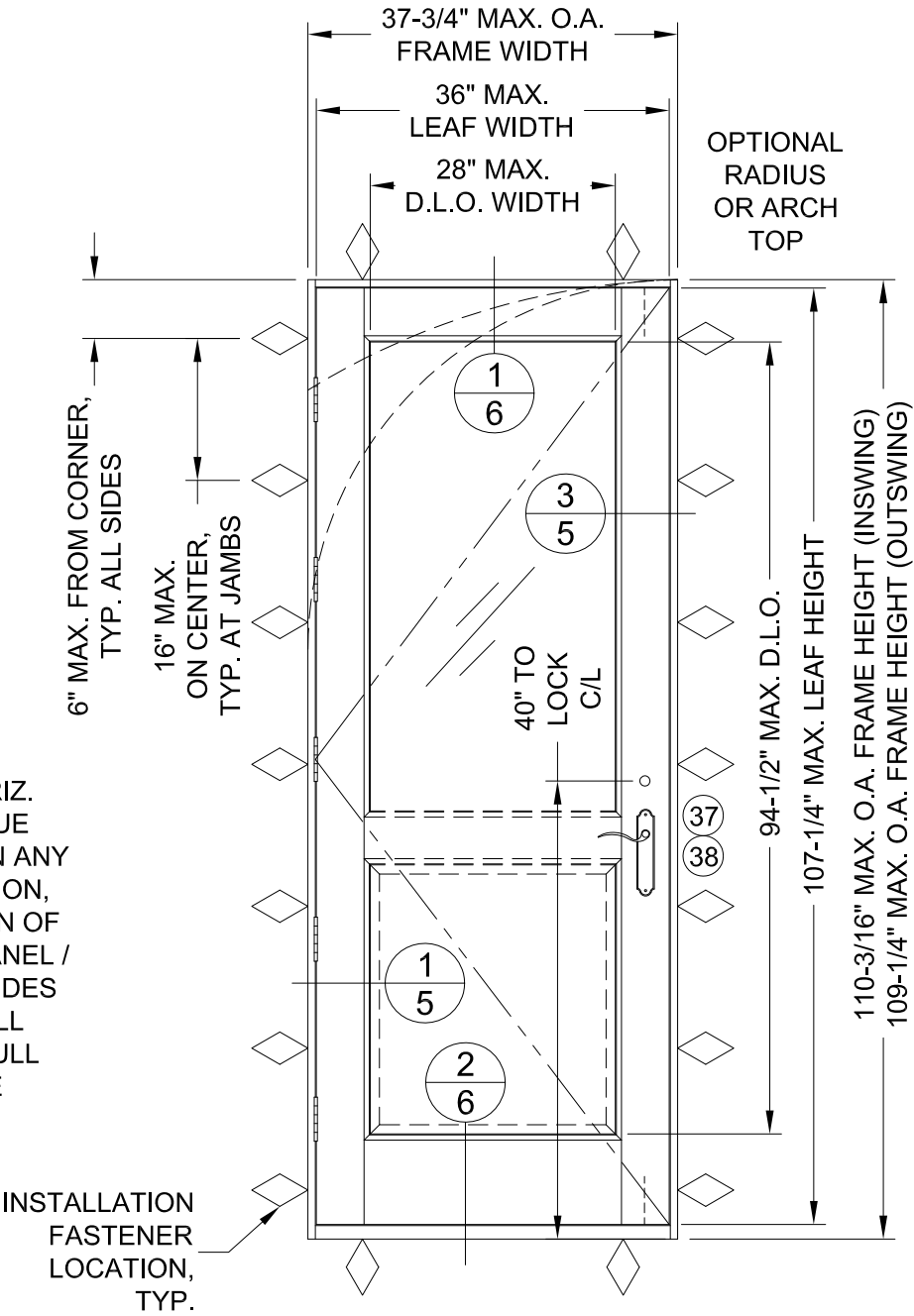


DOUBLE DOOR ELEVATION

LOCKING HARDWARE TABLE

4" MIN. STILES:	
1. ACTIVE & INACTIVE:	SURFACE BOLTS ONLY - IVES SB 453 W/ ANGLE STRIKES TOP/BOTTOM LEAF INTERIOR
2. ACTIVE:	HOPPE HLS 9000 3-POINT DEADBOLT / SHOOTBOLTS W/ ITEM 81 / STRIKES*
INACTIVE:	HOPPE HLS 9000 2-POINT SHOOTBOLTS W/ ITEM 81 / STRIKES*
5-1/2" MIN. STILES:	
3. ACTIVE:	KWIKSET 780 DEADBOLT, 740 KNOB, IVES SB 453 SURFACE BOLTS / ANGLE STRIKES TOP/BOTTOM LEAF INTERIOR
INACTIVE:	780/740 STRIKES, IVES SB 453 SURFACE BOLTS / ANGLE STRIKES TOP/BOTTOM LEAF INTERIOR

OPTIONAL VERT./HORIZ. MIDRAILS AND OPAQUE PANELS MAY BE USED IN ANY QUANTITY AND LOCATION, WITH ANY COMBINATION OF GLAZING / PANEL OR PANEL / PANEL ON OPPOSITE SIDES OF THE MIDRAIL. FULL HEIGHT PANEL AND FULL HEIGHT GLASS ARE ALLOWED.



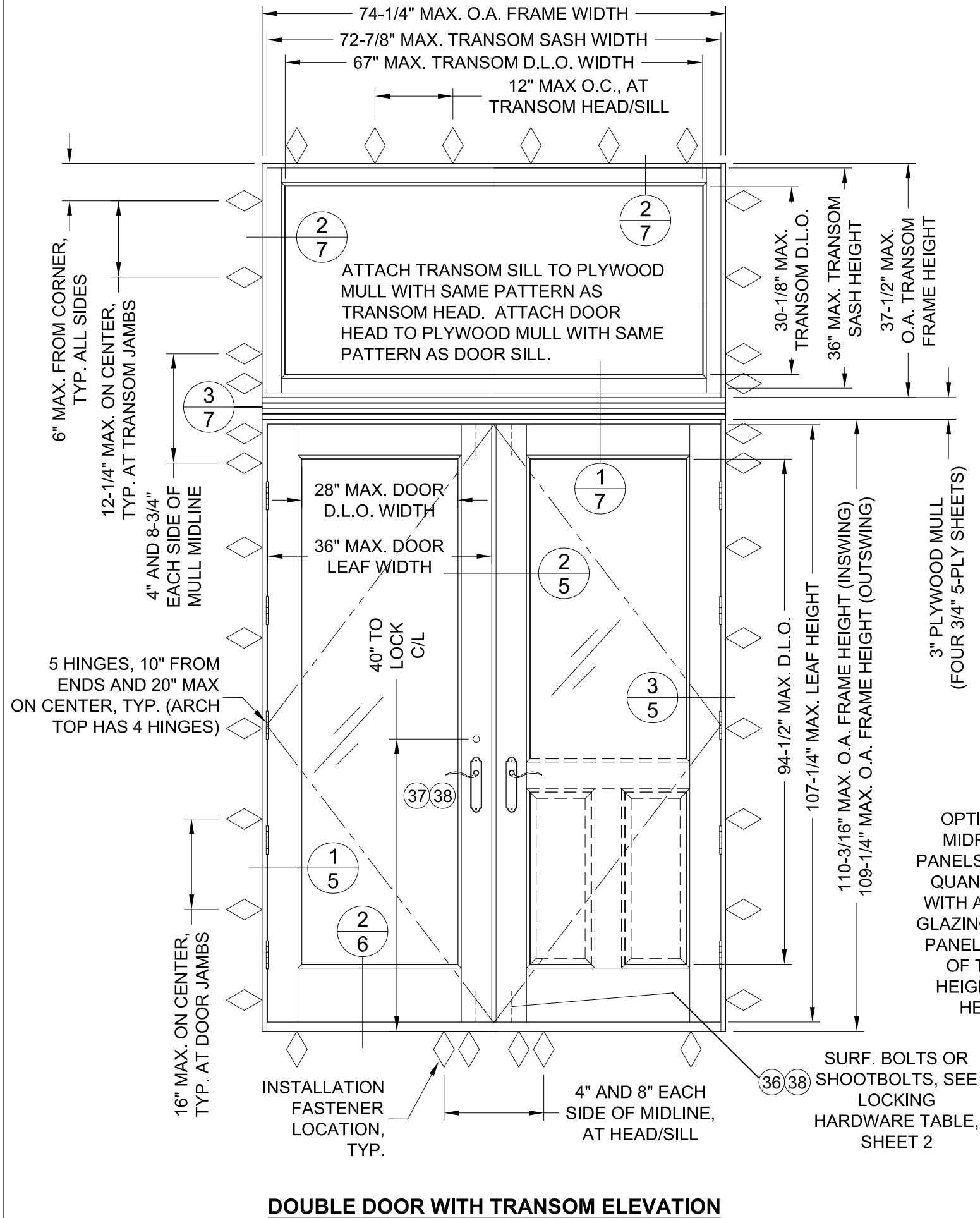
SINGLE DOOR ELEVATION

* W/ HLS 9000: STANDARD STRIKES AT HEAD AND WOOD SILLS. ITEM 31 STRIKE PLATE REQUIRED ON ALUMINUM SILLS. INSWING ALUM. SILL REQUIRES ADDITIONAL 8" WOOD BLOCK INSIDE SILL UNDER STRIKE PLATE.

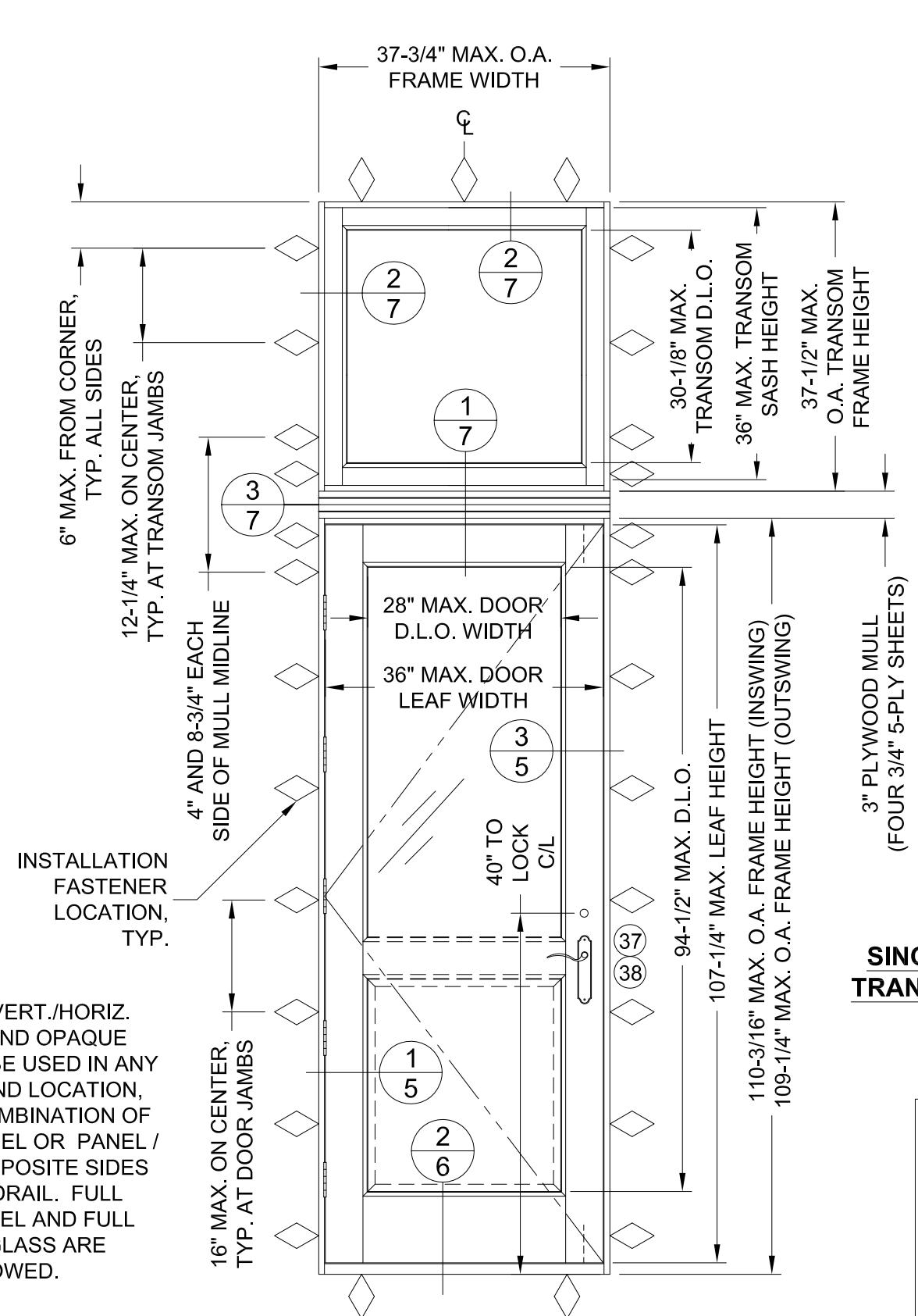
 123 NE BEACON DR. GRANTS PASS, OR 97526 PH. (541) 479-5028 Ext. 124	
SHEET DESCRIPTION: DOOR ELEVATIONS	DATE DRAWN: 11/30/2018
	REV: A
DRAWING: FPA-Rogue-LMI	SHEET: 2 OF 9



1/31/2024
Lucas A. Turner, P.E.
FL PE #58201
2428 Old Natchez Trc Trl
Camden, TN 38320
Ph. 941-380-1574



DOUBLE DOOR WITH TRANSOM ELEVATION



SINGLE DOOR WITH TRANSOM ELEVATION

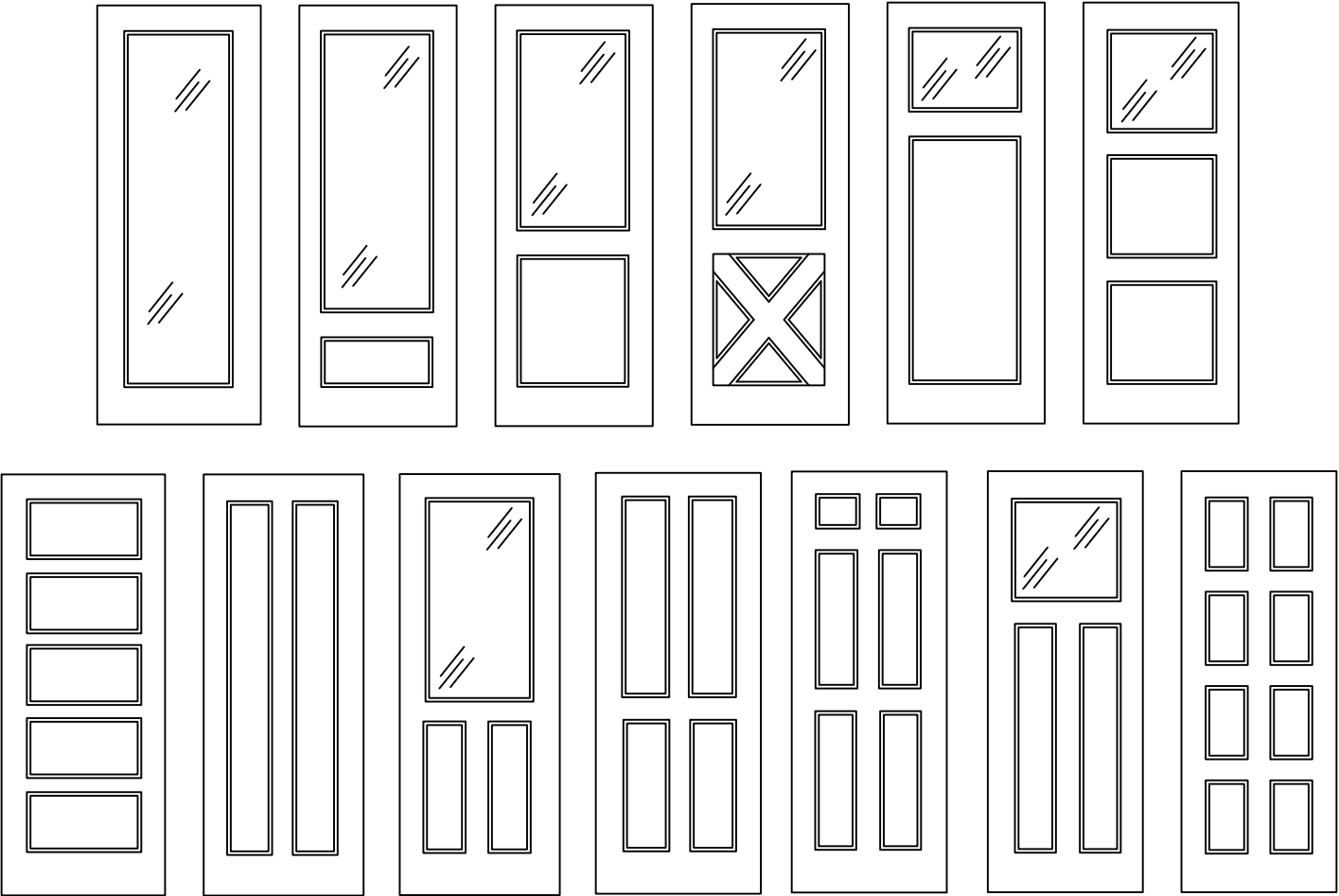
OPTIONAL VERT./HORIZ. MIDRAILS AND OPAQUE PANELS MAY BE USED IN ANY QUANTITY AND LOCATION, WITH ANY COMBINATION OF GLAZING / PANEL OR PANEL / PANEL ON OPPOSITE SIDES OF THE MIDRAIL. FULL HEIGHT PANEL AND FULL HEIGHT GLASS ARE ALLOWED.

ROGUE VALLEY Door		123 NE BEACON DR. GRANTS PASS, OR 97526 PH. (541) 479-5028 Ext. 124	
SHEET DESCRIPTION: DOORS W/ TRANSOM ELEVATIONS		DATE DRAWN: 11/30/2018	
		REV: A	
DRAWING: FPA-Rogue-LMI		SHEET: 3 OF 9	



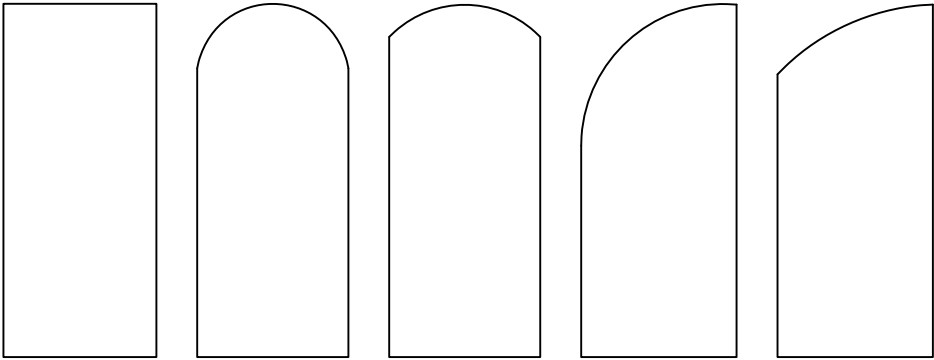
1/31/2024
Lucas A. Turner, P.E.
FL PE #58201
2428 Old Natchez Trc Trl
Camden, TN 38320
Ph. 941-380-1574

SAMPLE ALLOWABLE CONFIGURATIONS
GLAZED/PANEL OR ALL-PANEL, USING TRUE-DIVIDED MIDRAILS

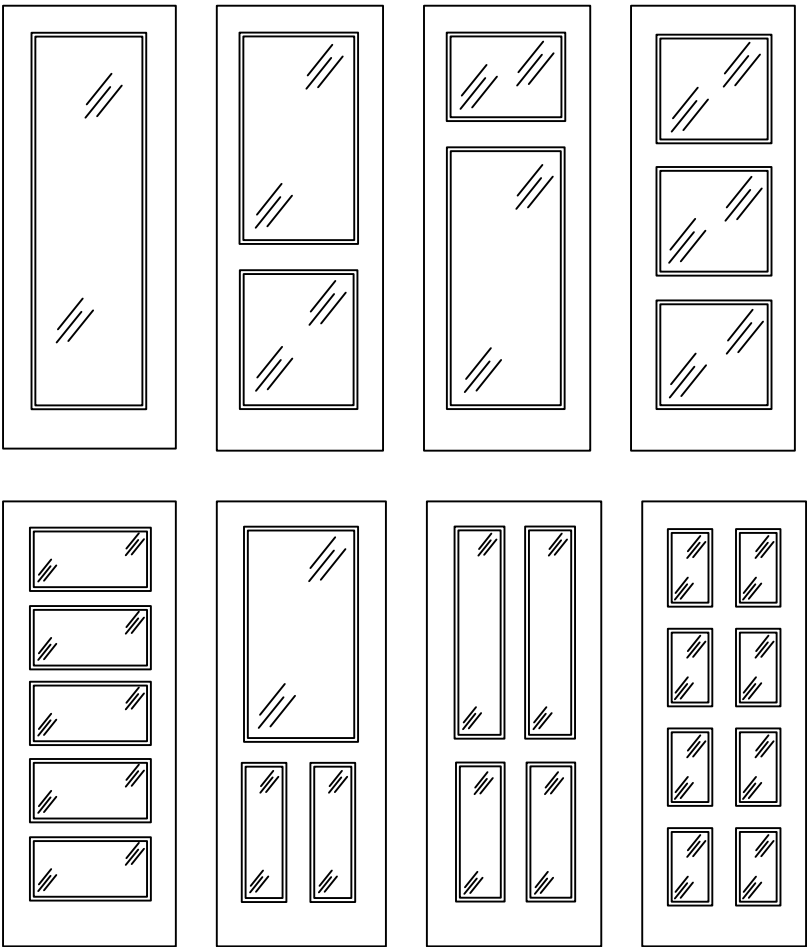


ANY LOCATION ABOVE SHOWN AS GLAZED MAY
ALSO BE MADE WITH A PANEL IN THAT LOCATION.

ALLOWABLE LEAF TOP SHAPES



SAMPLE ALLOWABLE CONFIGURATIONS
ALL-GLAZED, DIVIDED LITES USING APPLIED MUNTINS



ALLOWABLE CONFIGURATIONS ARE NOT LIMITED
TO THOSE SHOWN ON THIS SHEET. DOORS MAY
USE ANY NUMBER AND LOCATION OF VERTICAL
OR HORIZONTAL MIDRAILS OR APPLIED MUNTINS.

Rogue Valley Door 123 NE BEACON DR. GRANTS PASS, OR 97526 PH. (541) 479-5028 Ext. 124	
SHEET DESCRIPTION: SAMPLE ALLOWABLE CONFIGS.	DATE DRAWN: 11/30/2018
	REV: A
DRAWING: FPA-Rogue-LMI	SHEET: 4 OF 9

LUCAS A. TURNER

LICENSE

No. 58201



STATE OF FLORIDA

PROFESSIONAL ENGINEER

1/31/2024

Lucas A. Turner, P.E.

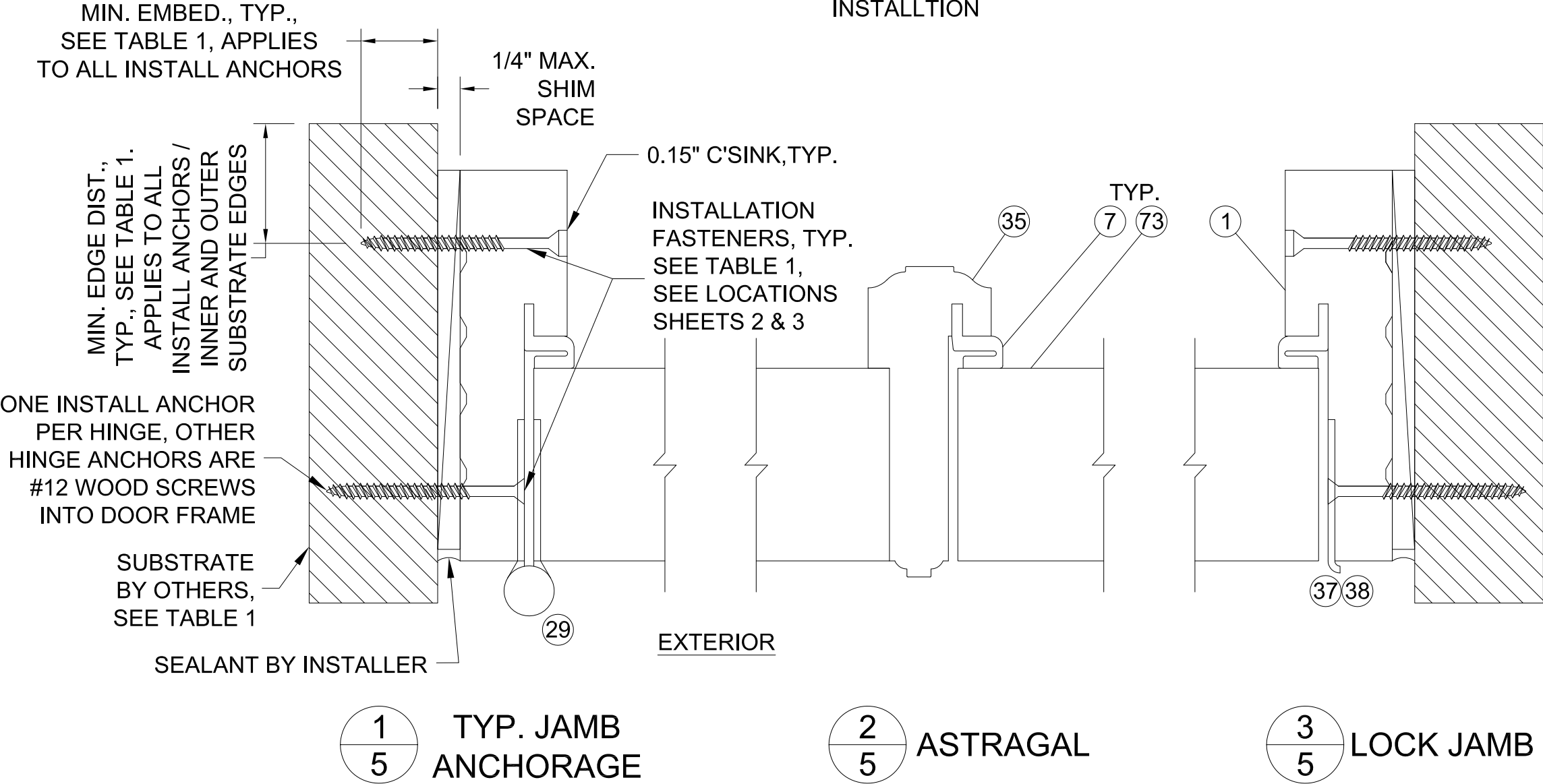
FL PE #58201

2428 Old Natchez Trc Trl

Camden, TN 38320

Ph. 941-380-1574

ALL DETAILS THIS SHEET:
OUTSWING SHOWN,
INSWING SIMILAR
INSTALLTION

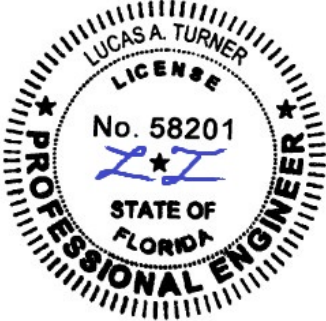


AT HINGE AND STRIKE
ANCHOR LOCATIONS IN
CONCRETE/MASONRY USE
1/4" FASTENER SIZE AS
SHOWN IN TABLE 1, WITH
REDUCED (TRIMFIT OR #12
PFH) HEAD DIAMETER OF
0.412" OR LESS

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"

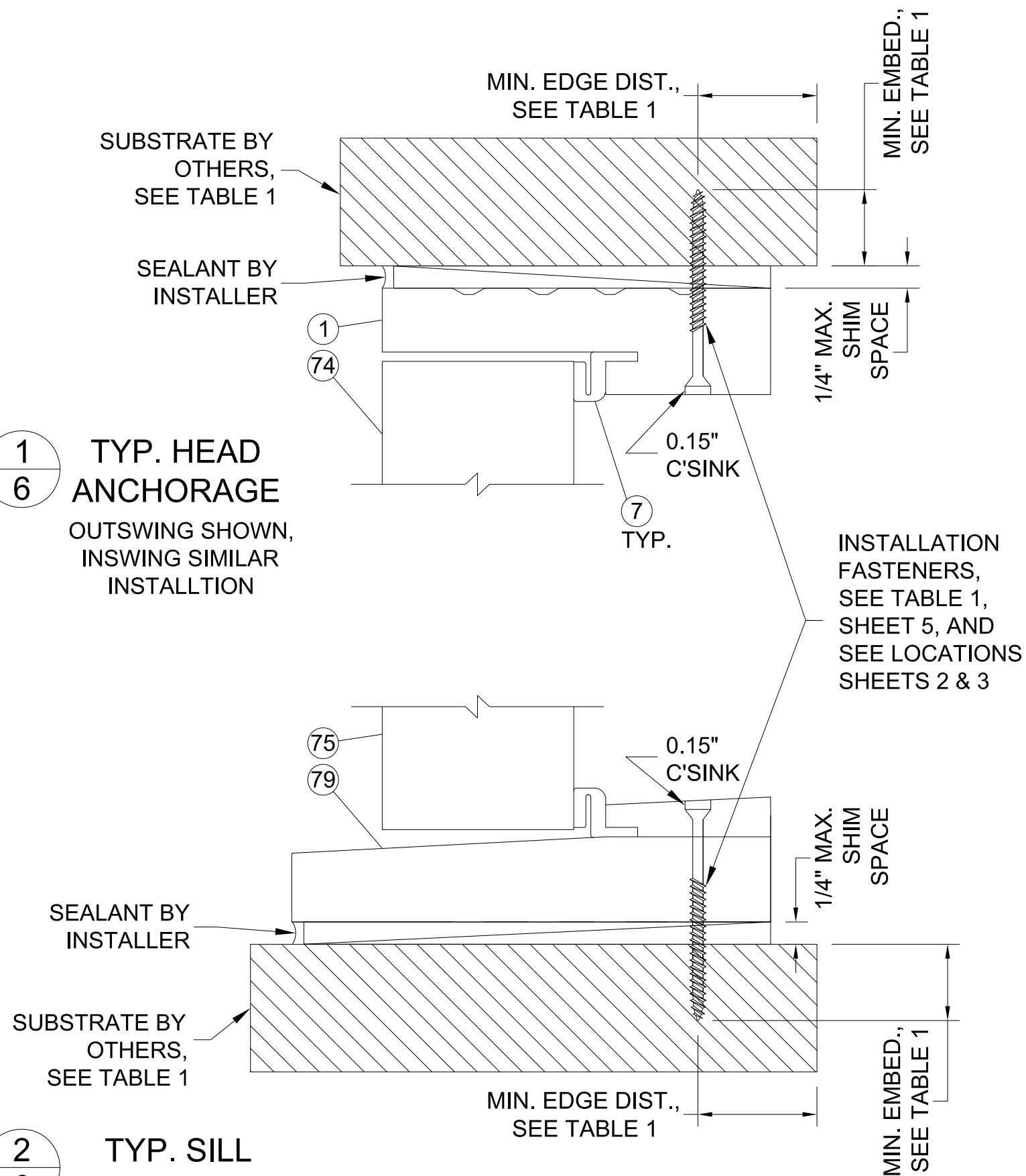
* CMU APPLICABLE AT JAMBS ONLY

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: 11/30/2018
	REV: A
DRAWING: FPA-Rogue-LMI	SHEET: 5 OF 9

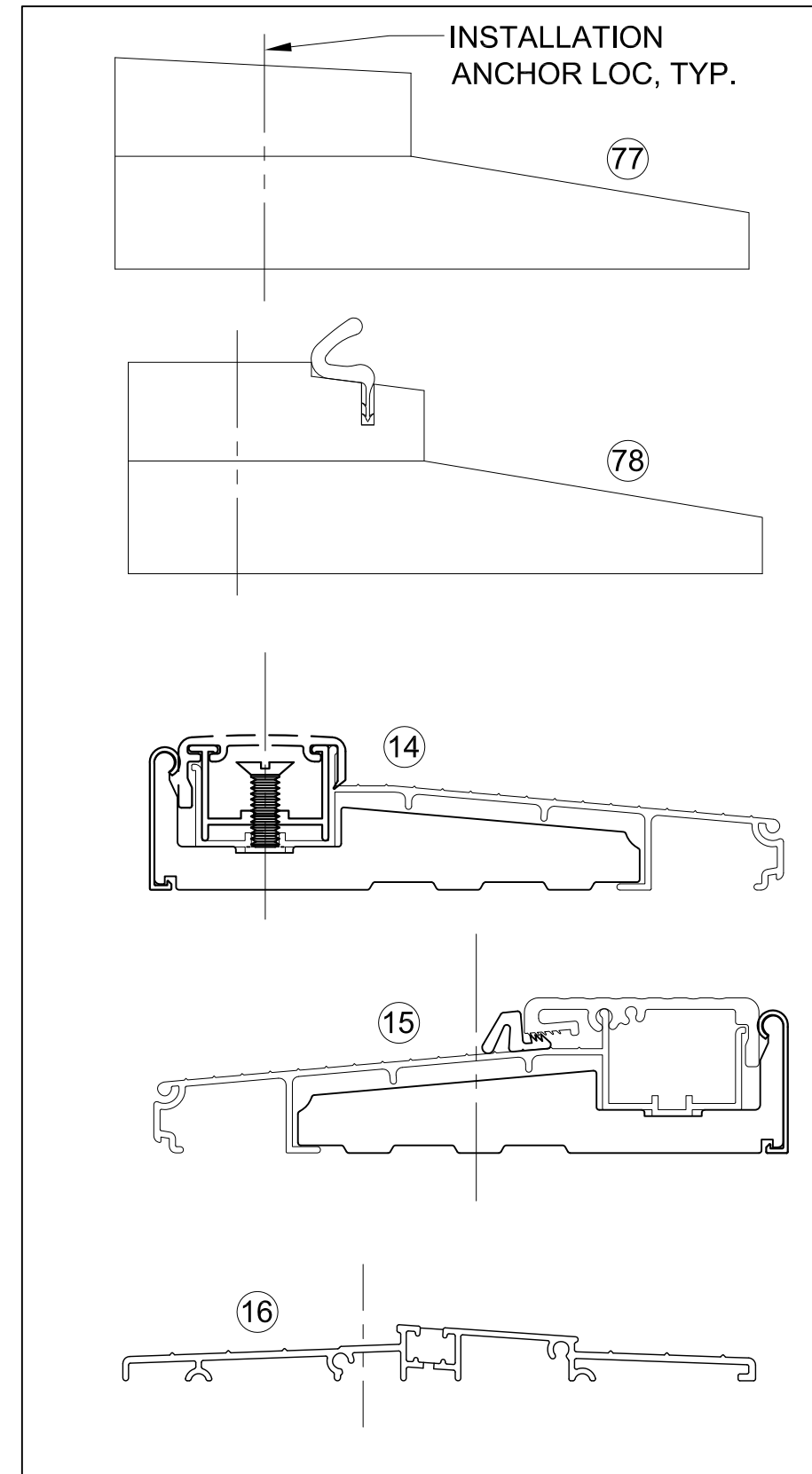


1/31/2024
Lucas A. Turner, P.E.
FL PE #58201
2428 Old Natchez Trc Trl
Camden, TN 38320
Ph. 941-380-1574

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



WOOD 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



1/31/2024
Lucas A. Turner, P.E.
FL PE #58201
2428 Old Natchez Trc Trl
Camden, TN 38320
Ph. 941-380-1574

Rogue Valley Door

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

SHEET DESCRIPTION:
DOOR VERTICAL SECT. DETAILS

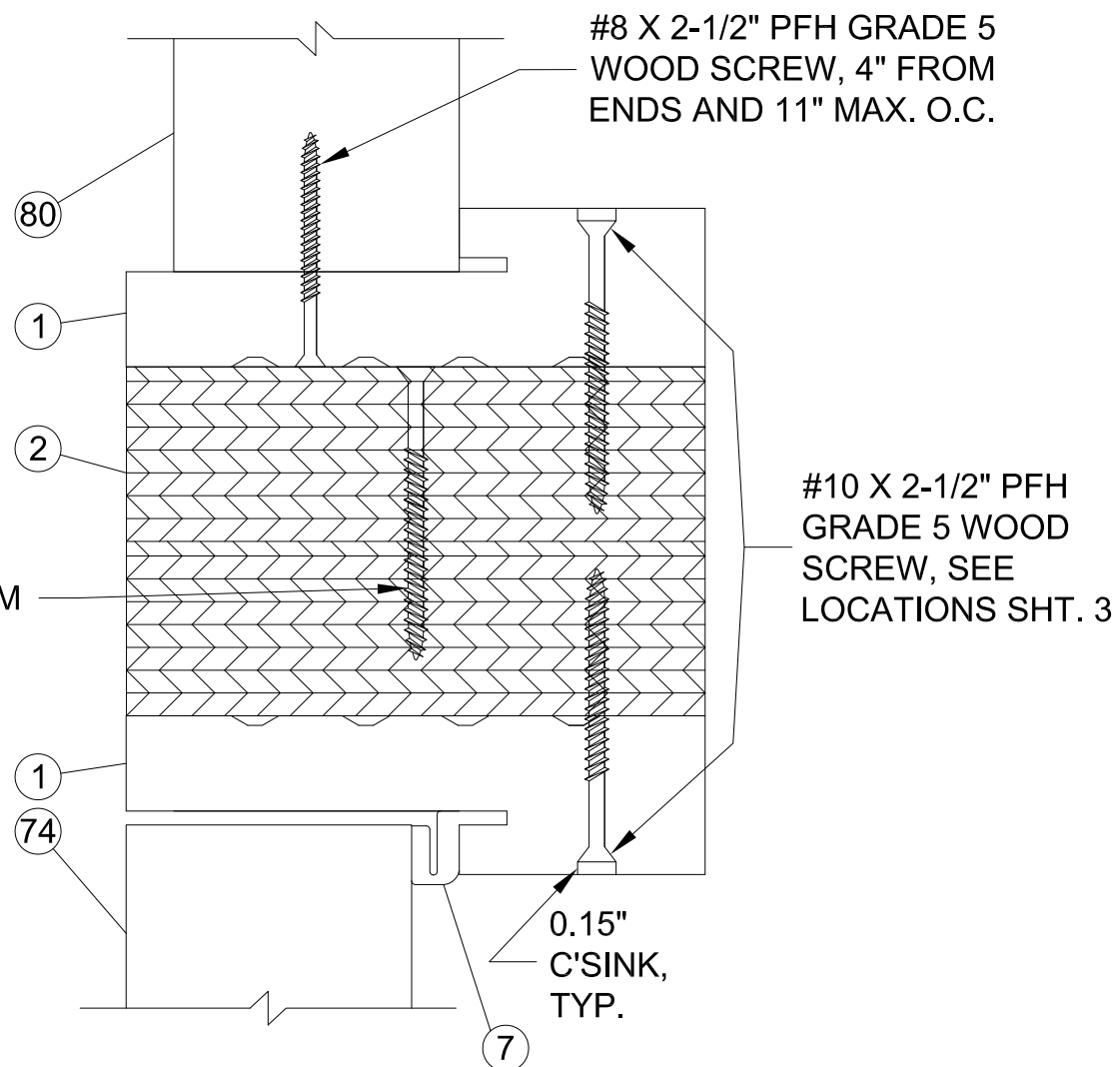
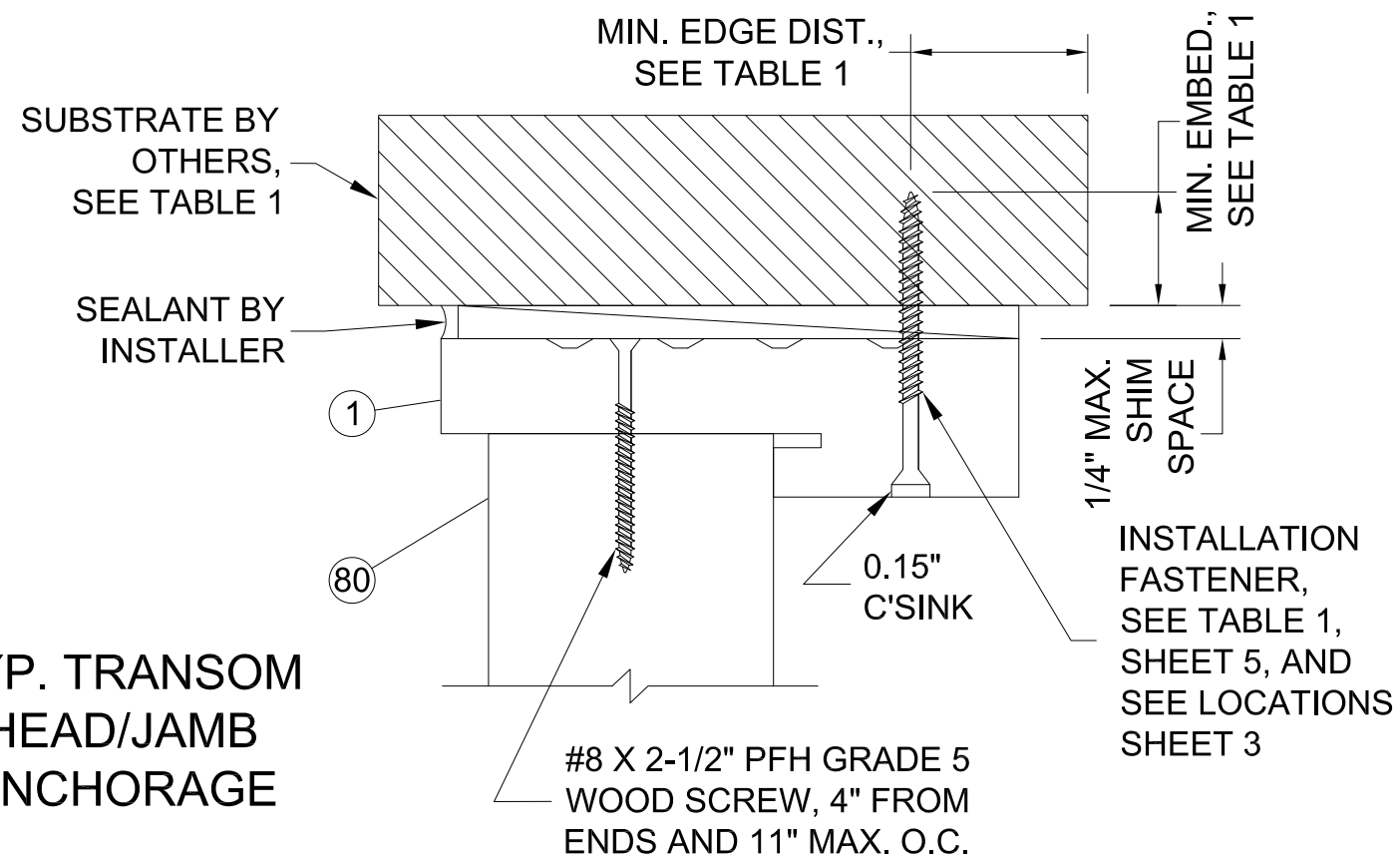
DATE DRAWN:
11/30/2018

DRAWING: FPA-Rogue-LMI

REV: A
SHEET: 6 OF 9

2
7

TYP. TRANSOM HEAD/JAMB ANCHORAGE



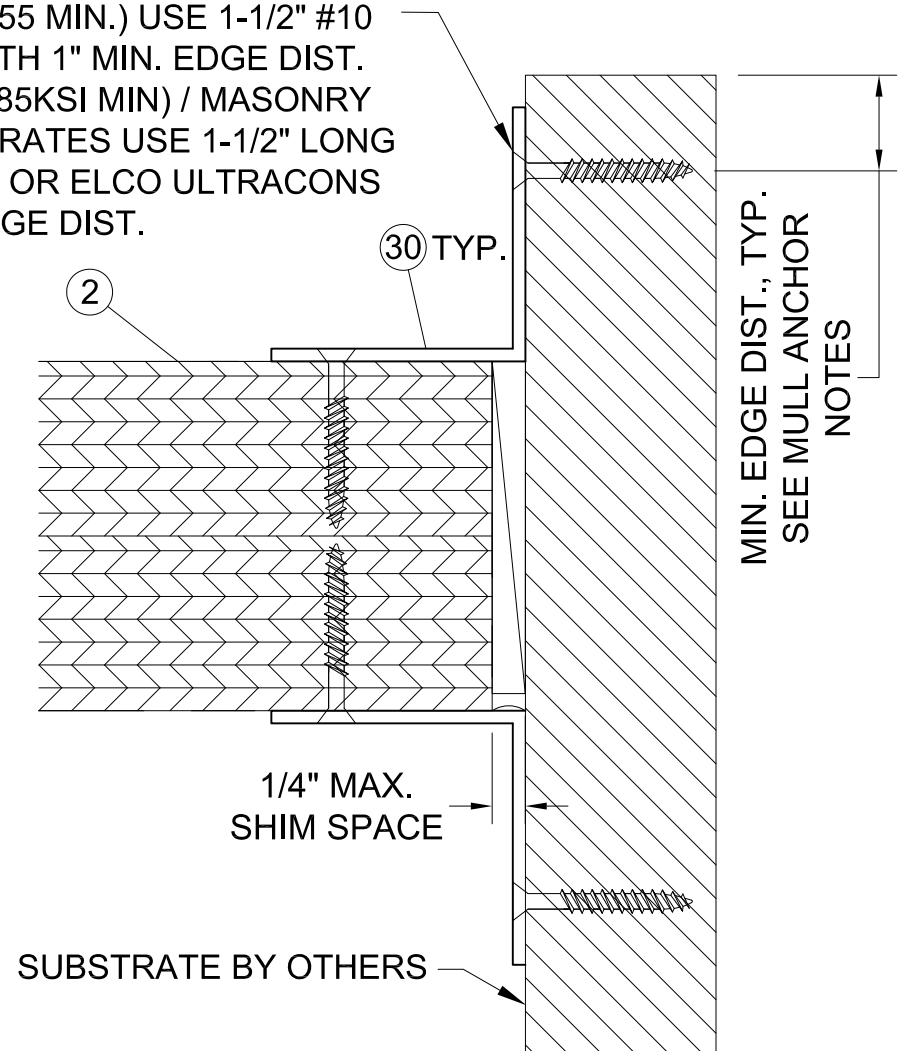
1
7

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 (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.



3
7

MULLION CLIP ANCHORAGE

*Rogue Valley
Door*

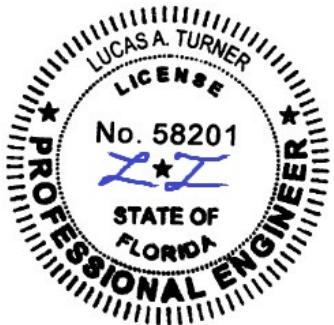
123 NE BEACON DR.
GRANTS PASS, OR 97526
PH. (541) 479-5028 Ext. 124

SHEET DESCRIPTION:
TRANSOM/MULL SECTION DETAILS

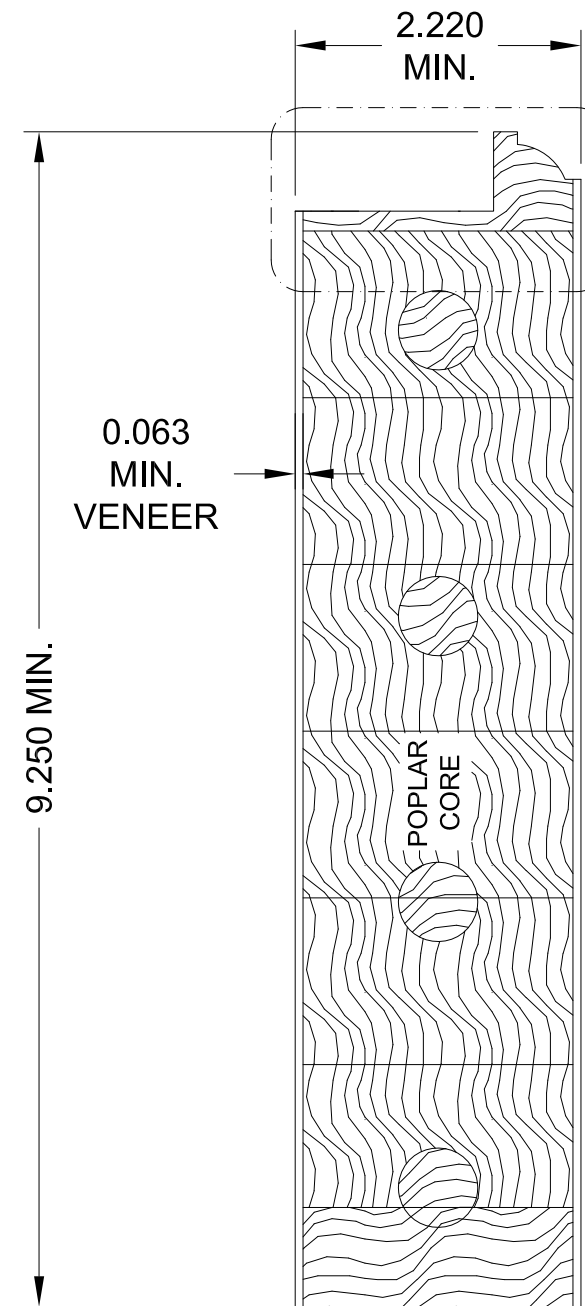
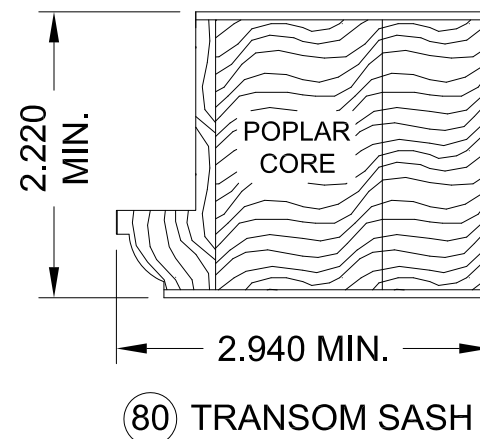
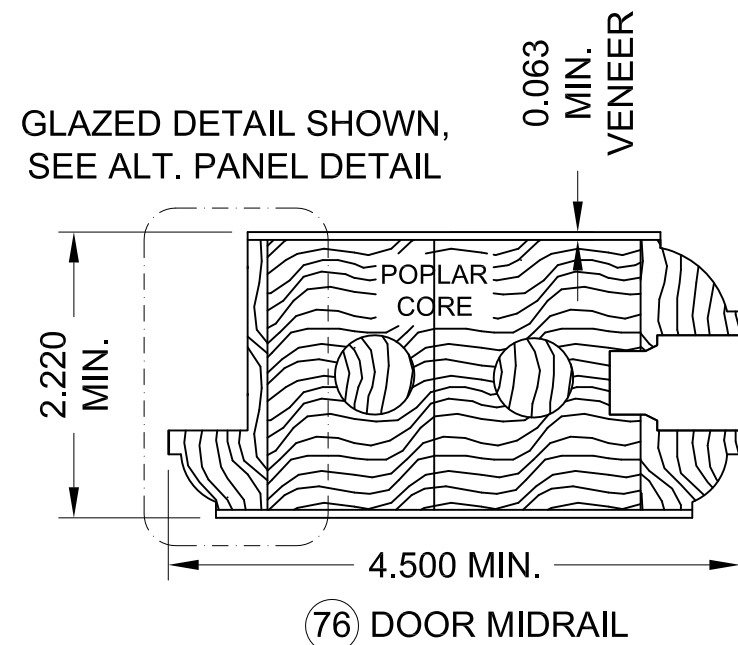
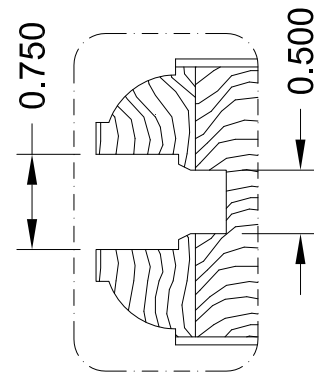
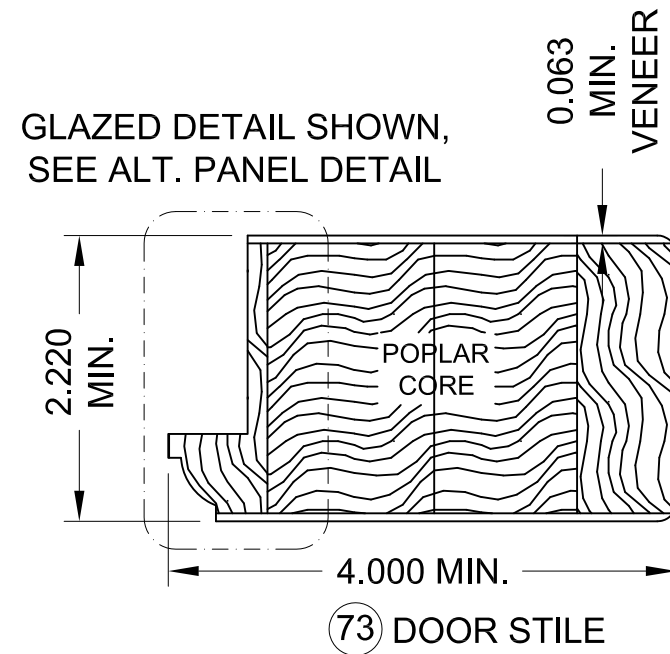
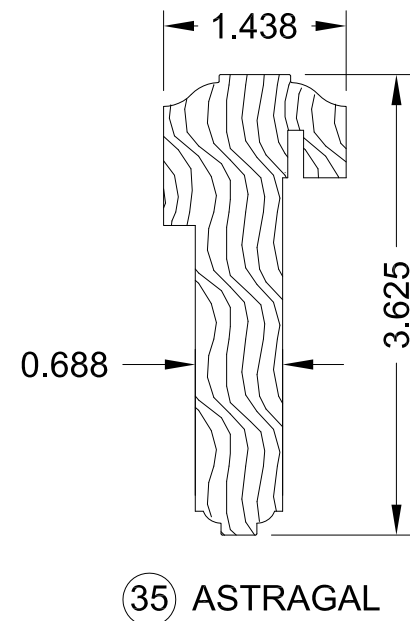
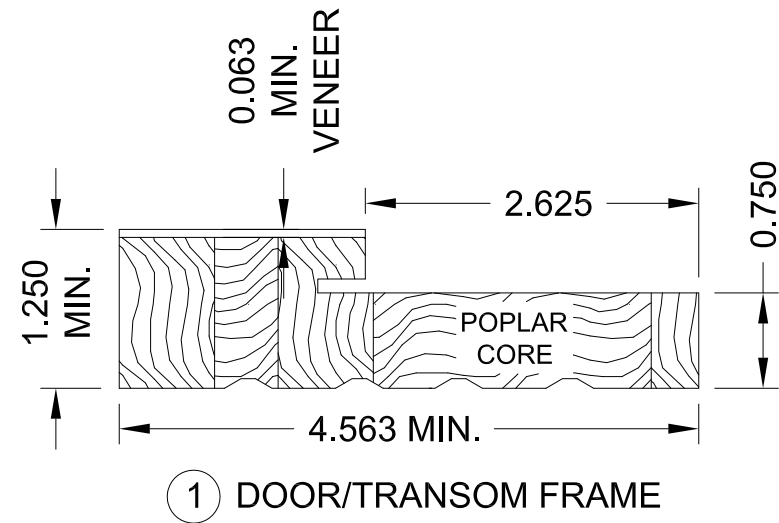
DATE DRAWN:
11/30/2018

DRAWING: FPA-Rogue-LMI

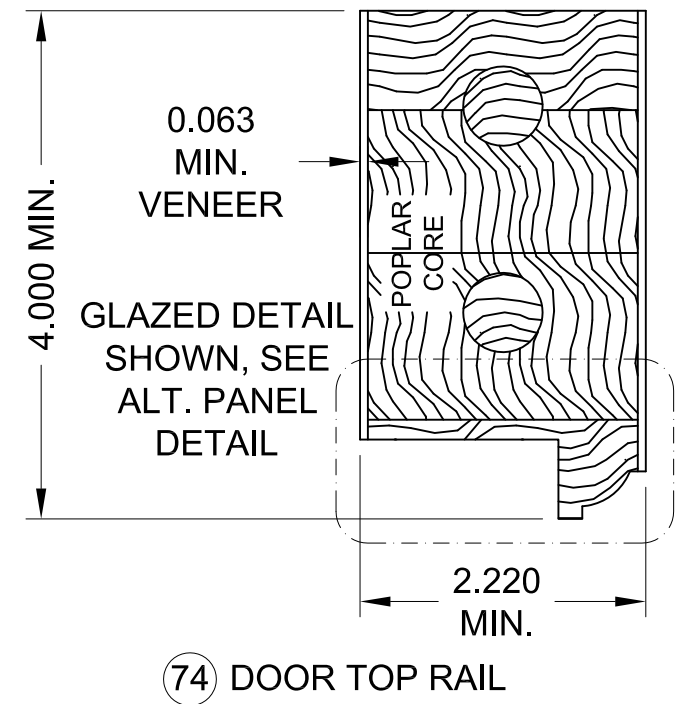
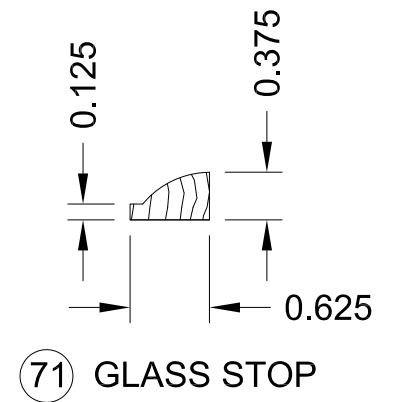
REV: A
SHEET: 7 OF 9



1/31/2024
Lucas A. Turner, P.E.
FL PE #58201
2428 Old Natchez Trc Trl
Camden, TN 38320
Ph. 941-380-1574



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

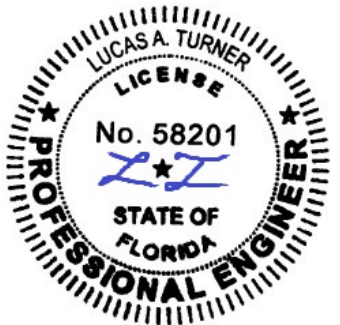
123 NE BEACON DR.
GRANTS PASS, OR 97526
PH. (541) 479-5028 Ext. 124

SHEET DESCRIPTION:
PART DRAWINGS

DATE DRAWN:
11/30/2018

DRAWING: FPA-Rogue-LMI

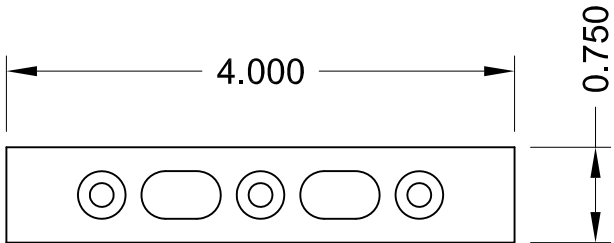
REV: A
SHEET: 8 OF 9



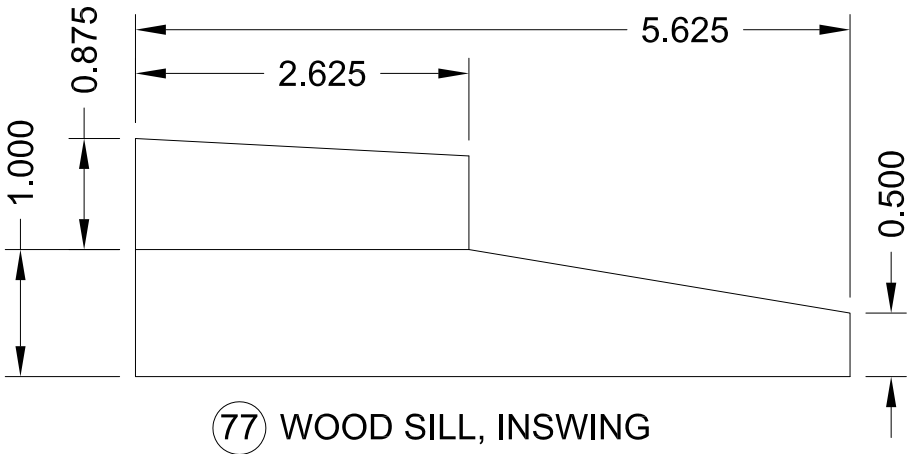
1/31/2024
Lucas A. Turner, P.E.
FL PE #58201
2428 Old Natchez Trc Trl
Camden, TN 38320
Ph. 941-380-1574

BILL OF MATERIALS		
1	DOOR/TRANSOM FRAME	WOOD
2	PLYWOOD MULLION	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
31	CUSTOM SHOOTBOLT SILL STRIKE W/ HOPPE	ST. STEEL
35	ASTRAGAL	WOOD
36	IVES SB 453 W/ ANGLE STRIKE	STEEL
37	KWIKSET 780/740 W/ STRIKES	STEEL
38	HOPPE HLS9000 3-POINT 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	HOPPE SHOOTBOLT REINF. 1/8"X7/8"X8" PLATE TO LEAF W/ (4) #7X1-3/4" FH WOOD SCREWS	STEEL

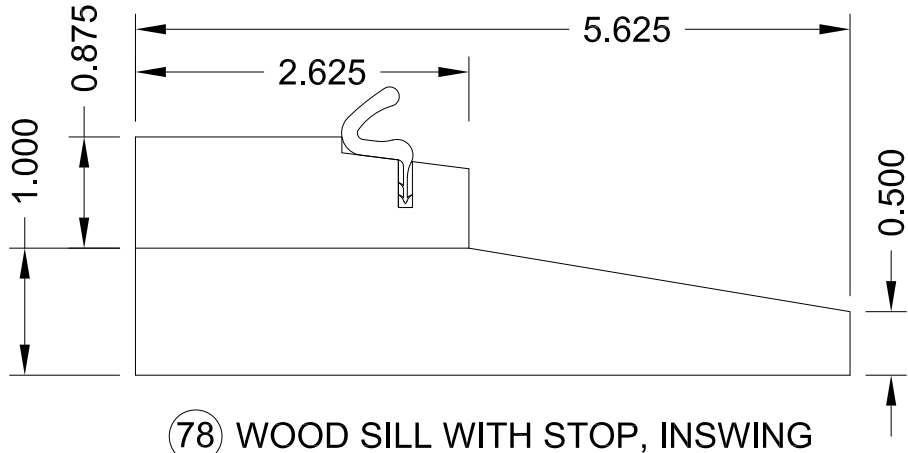
NUMBERS NOT SHOWN ABOVE NOT USED



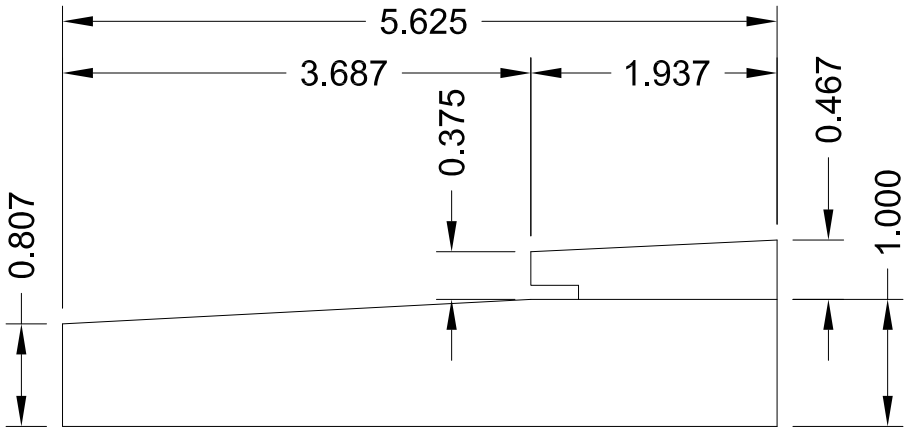
31 HOPPE CUSTOM STRIKE, 1/8" THICK



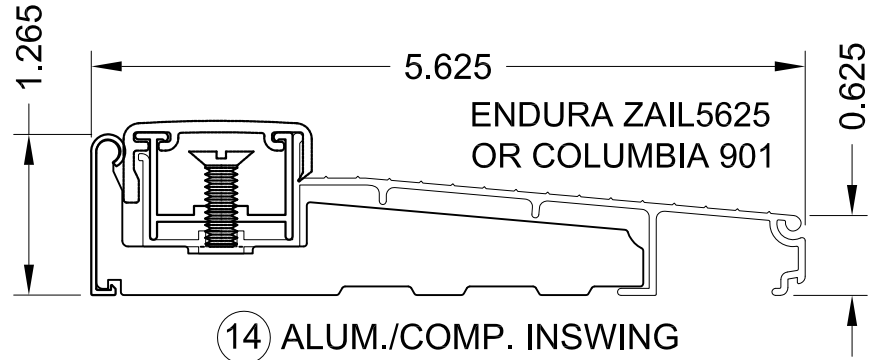
77 WOOD SILL, INSWING



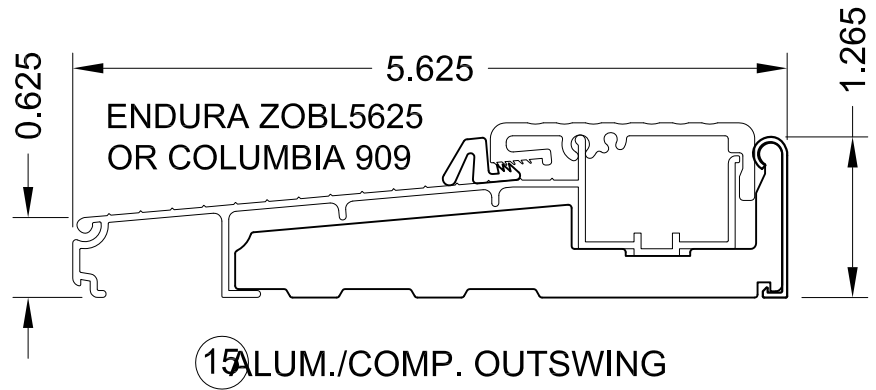
78 WOOD SILL WITH STOP, INSWING



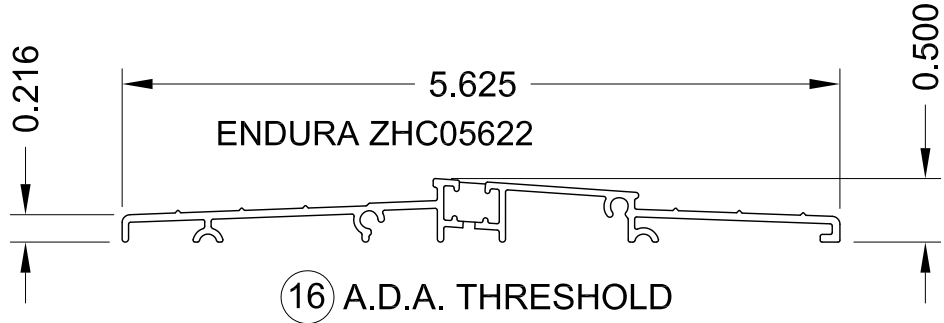
79 WOOD SILL, OUTSWING



14 ALUM./COMP. INSWING



15 ALUM./COMP. OUTSWING



16 A.D.A. THRESHOLD

Rogue Valley
Door

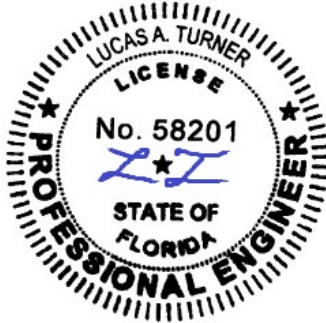
123 NE BEACON DR.
GRANTS PASS, OR 97526
PH. (541) 479-5028 Ext. 124

SHEET DESCRIPTION:
BOM, PART DWGS

DATE DRAWN:
11/30/2018

DRAWING: FPA-Rogue-LMI

REV: A
SHEET: 9 OF 9



1/31/2024
Lucas A. Turner, P.E.
FL PE #58201
2428 Old Natchez Trc Trl
Camden, TN 38320
Ph. 941-380-1574