

GENERAL NOTES

1. THIS PRODUCT, FABRICATED AND ANCHORED AS DETAILED IN THIS DRAWING, IS NON-IMPACT AND REQUIRES 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, AND MEETS THE REQUIREMENTS OF THE 8TH ED. (2023) FLORIDA BUILDING CODE FOR USE OUTSIDE 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, 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 IN TABLE ON SHEET 2.
4. THE DESIGN PRESSURE RATINGS IN THIS DRAWING ARE AS LIMITED BY ASTM E-1300 GLASS TABLES, AND TESTED STRUCTURAL 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 REPORTS.
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.

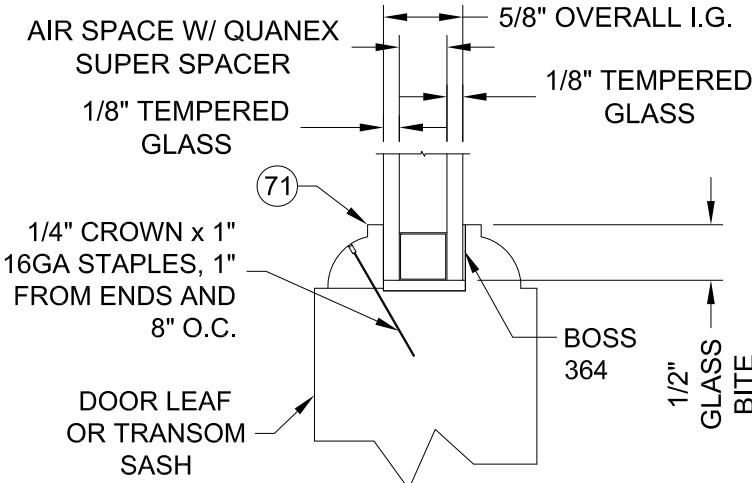
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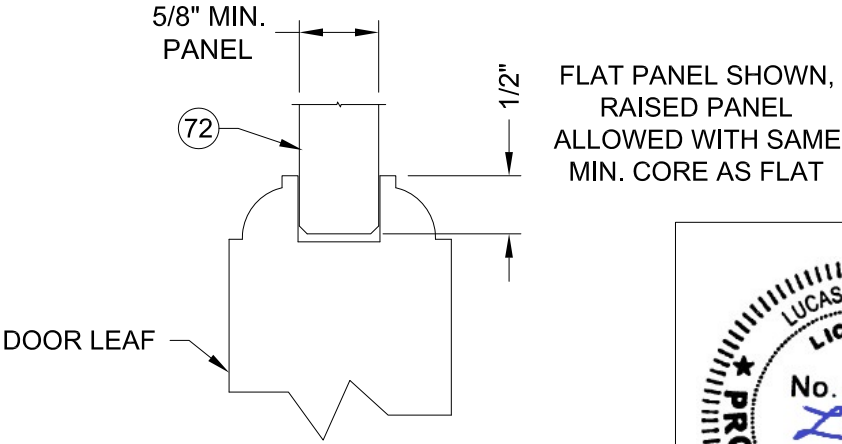
1-3/4" WOOD INSWING DOOR, NON-IMPACT

DESIGN PRESSURE TABLE

CONFIG.	DOOR INFILL	SIDELITE INFILL	MIN. FRAME DEPTH	MAX. DOOR FRAME WIDTH	MAX. DOOR PANEL WIDTH	MAX. SL FRAME WIDTH	MAX. TRANSOM FRAME HEIGHT	MAX. DOOR DLO WIDTH	MAX. SL DLO WIDTH	MAX. TRANSOM DLO HEIGHT	DESIGN PRESSURES (PSF)
SINGLE DOOR											
X	OPAQUE	N/A	4 9/16	37 1/2	36	N/A	N/A	N/A	N/A	N/A	+50/-55
X	OPAQUE	N/A	6 9/16	43 3/4	41 7/8	N/A	N/A	N/A	N/A	N/A	+60/-65
X	HALF LITE	N/A	4 9/16	37 1/2	36	N/A	N/A	27	N/A	N/A	+47/-50
X	HALF LITE	N/A	6 9/16	43 3/4	41 7/8	N/A	N/A	33	N/A	N/A	+47/-50
X	FULL LITE	N/A	4 9/16	37 1/2	36	N/A	N/A	27	N/A	N/A	+30/-35
SINGLE DOOR W/ SIDELITE(S)											
XO, OX, OXO	OPAQUE	ANY	4 9/16	37 1/2	36	37 1/2	N/A	N/A	27	N/A	+50/-55
XO, OX, OXO	OPAQUE	OPAQUE	6 9/16	43 3/4	41 7/8	37 1/2	N/A	N/A	27	N/A	+60/-65
XO, OX, OXO	HALF LITE	ANY	4 9/16	37 1/2	36	37 1/2	N/A	27	27	N/A	+47/-50
XO, OX, OXO	HALF LITE	ANY	6 9/16	43 3/4	41 7/8	37 1/2	N/A	33	27	N/A	+47/-50
XO, OX, OXO	FULL LITE	ANY	4 9/16	37 1/2	36	37 1/2	N/A	27	27	N/A	+30/-35
SINGLE DOOR W/ TRANSOM											
O/X	OPAQUE		6 9/16	43 3/4	41 7/8	N/A	36	N/A	N/A	33 1/2	+47/-50
O/X	HALF LITE		6 9/16	43 3/4	41 7/8	N/A	36	33	N/A	33 1/2	+47/-50
O/X	FULL LITE		6 9/16	37 1/2	36	N/A	36	27	N/A	33 1/2	+30/-35
SINGLE DOOR W/ TRANSOM & SIDELITE(S)											
O/XO, O/OX, O/OXO	OPAQUE		6 9/16	43 3/4	41 7/8	37 1/2	36	N/A	27	33 1/2	+47/-50
O/XO, O/OX, O/OXO	HALF LITE		6 9/16	43 3/4	41 7/8	37 1/2	36	33	27	33 1/2	+47/-50
O/XO, O/OX, O/OXO	FULL LITE		6 9/16	37 1/2	36	37 1/2	36	27	27	33 1/2	+30/-35
DOUBLE DOOR											
XX	ANY	N/A	4 9/16	74	36	N/A	N/A	27	N/A	N/A	+30/-35
DOUBLE DOOR W/ SIDELITE(S)											
OXX, XXO, OXXO	ANY	ANY	4 9/16	74	36	19 1/2	N/A	27	10	N/A	+30/-35



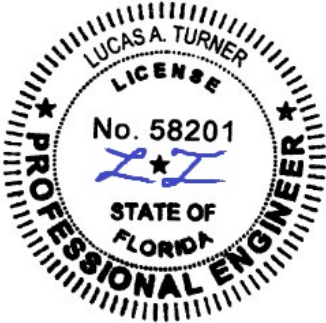
TYPICAL GLAZING
DETAIL



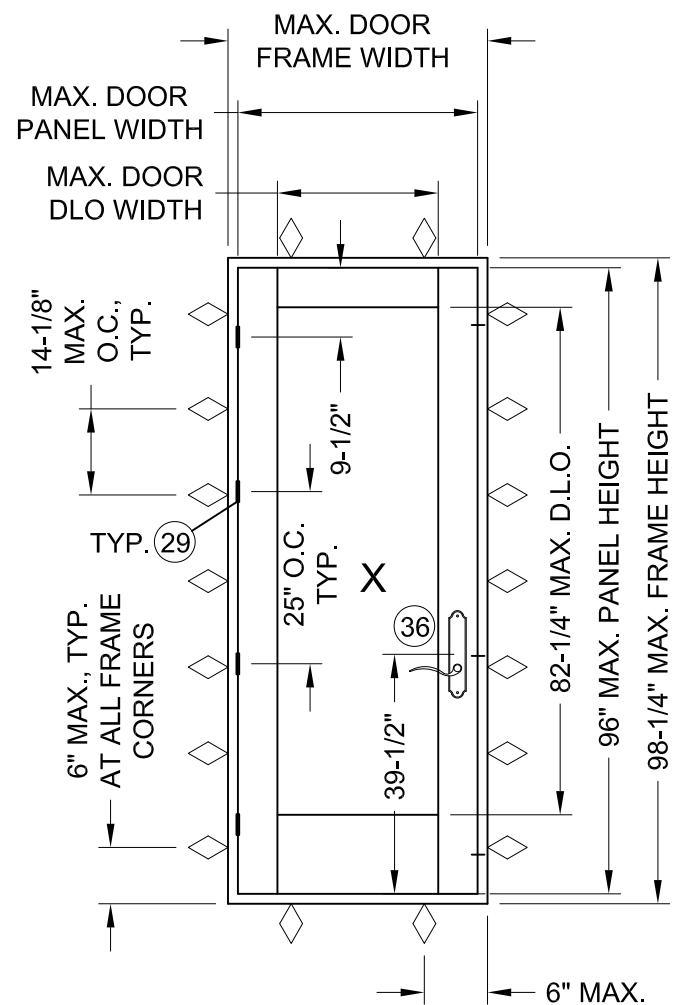
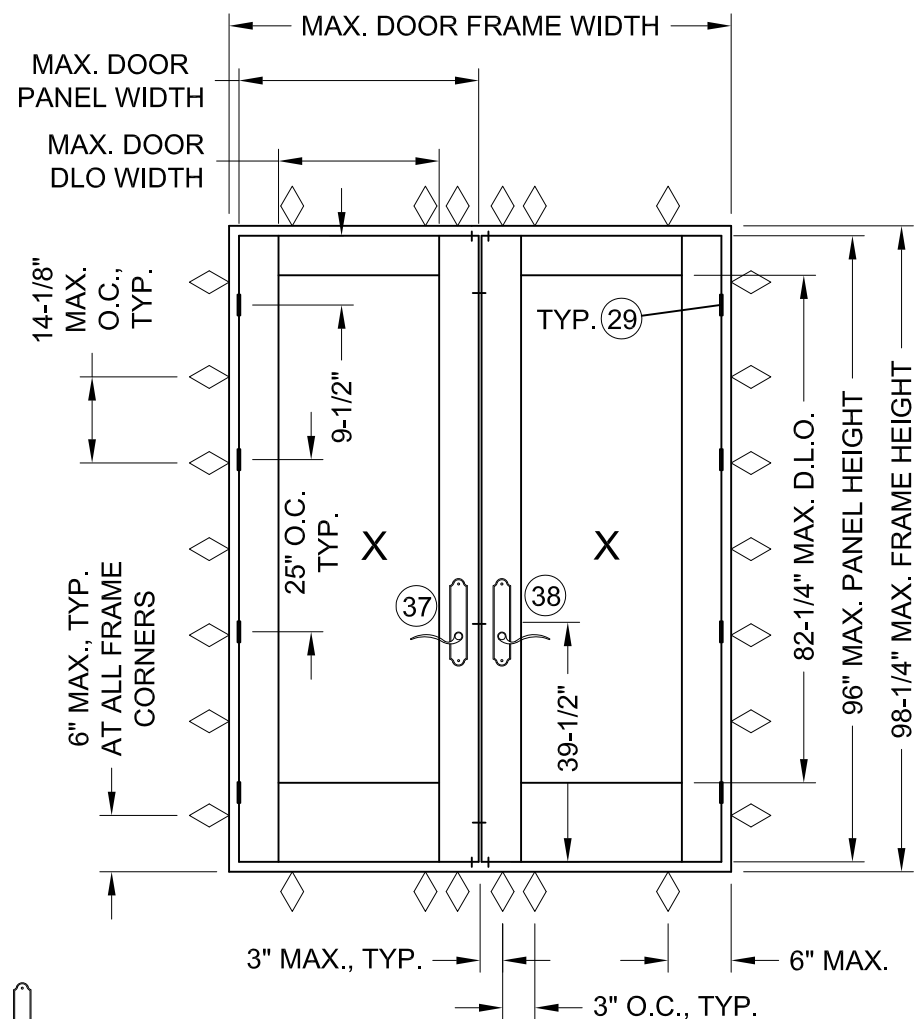
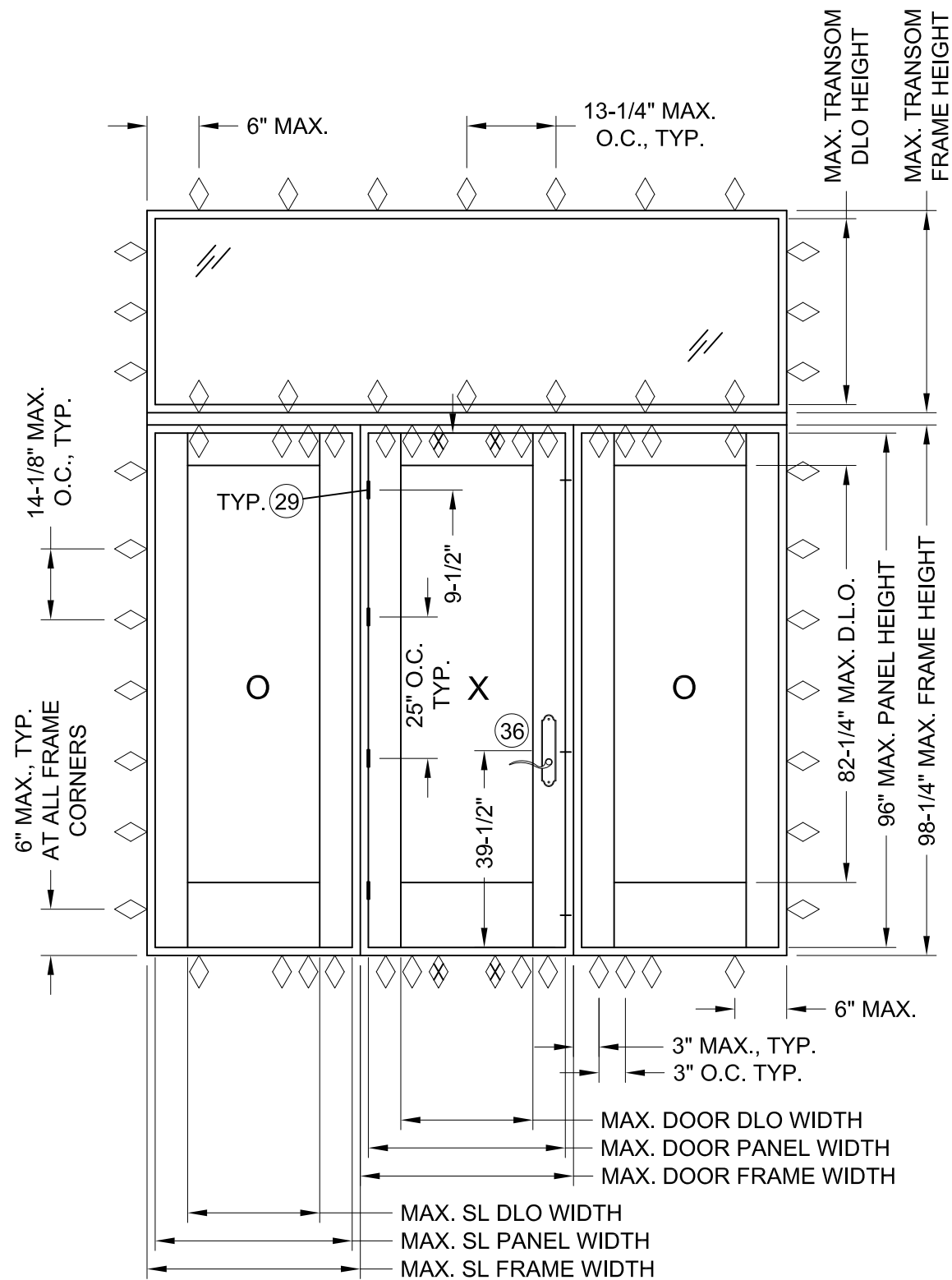
TYPICAL PANEL
DETAIL

Lucas Turner
2024.01.31
16:57:04
-06'00'

 123 NE BEACON DR. GRANTS PASS, OR 97526 PH. (541) 479-5028 Ext. 124	
SHEET DESCRIPTION: NOTES, GLAZING/PANEL DETAILS	DATE DRAWN: 2/15/2021
	REV: A
DRAWING: FPA-Rogue-NI	SHEET: 1 OF 8



1/31/2024
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FL PE #58201
2428 Old Natchez Trc Trl
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Ph. 941-380-1574



- ◇ ANCHOR LOC., TYP, REQUIRED ALL INSTALLATIONS
- ◇ ANCHOR LOC., REQUIRED CONFIGS. GREATER THAN 55 PSF

Rogue Valley Door

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

SHEET DESCRIPTION:
DOOR ELEVATIONS

DATE DRAWN:
2/15/2021

REV: A

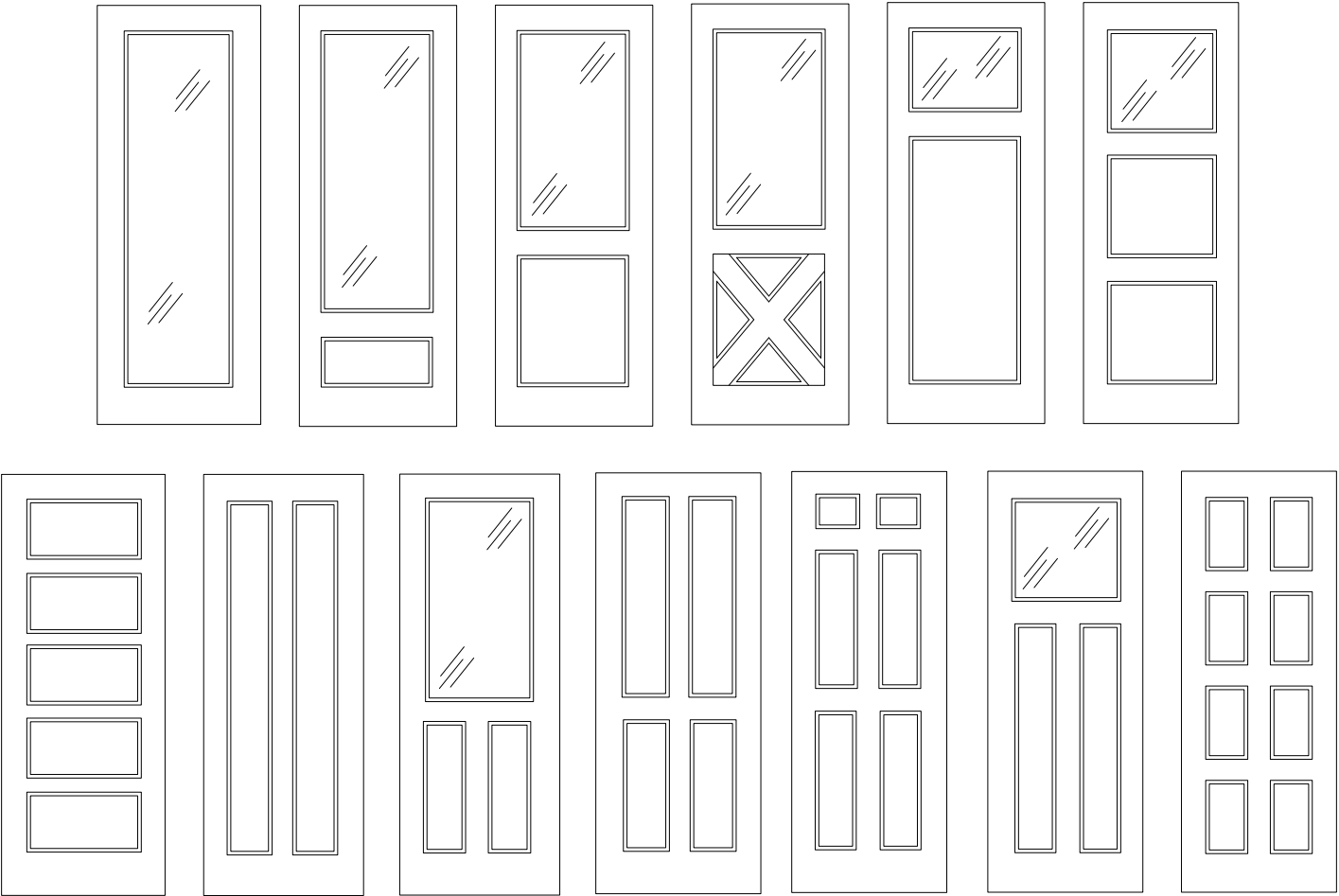
DRAWING: FPA-Rogue-NI

SHEET: 2 OF 8



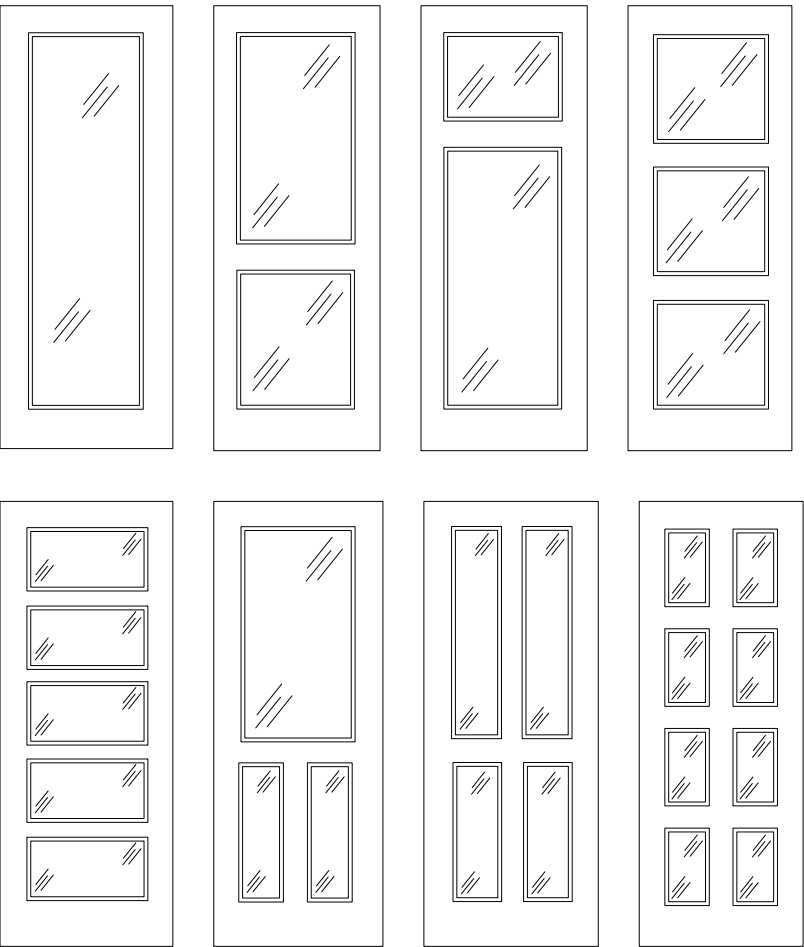
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SAMPLE ALLOWABLE CONFIGURATIONS
GLAZED/PANEL OR ALL-PANEL, USING TRUE-DIVIDED MIDRAILS



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

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: 2/15/2021
	REV: A
DRAWING: FPA-Rogue-NI	SHEET: 3 OF 8

LUCAS A. TURNER

LICENSE

No. 58201

STATE OF FLORIDA

PROFESSIONAL ENGINEER

1/31/2024

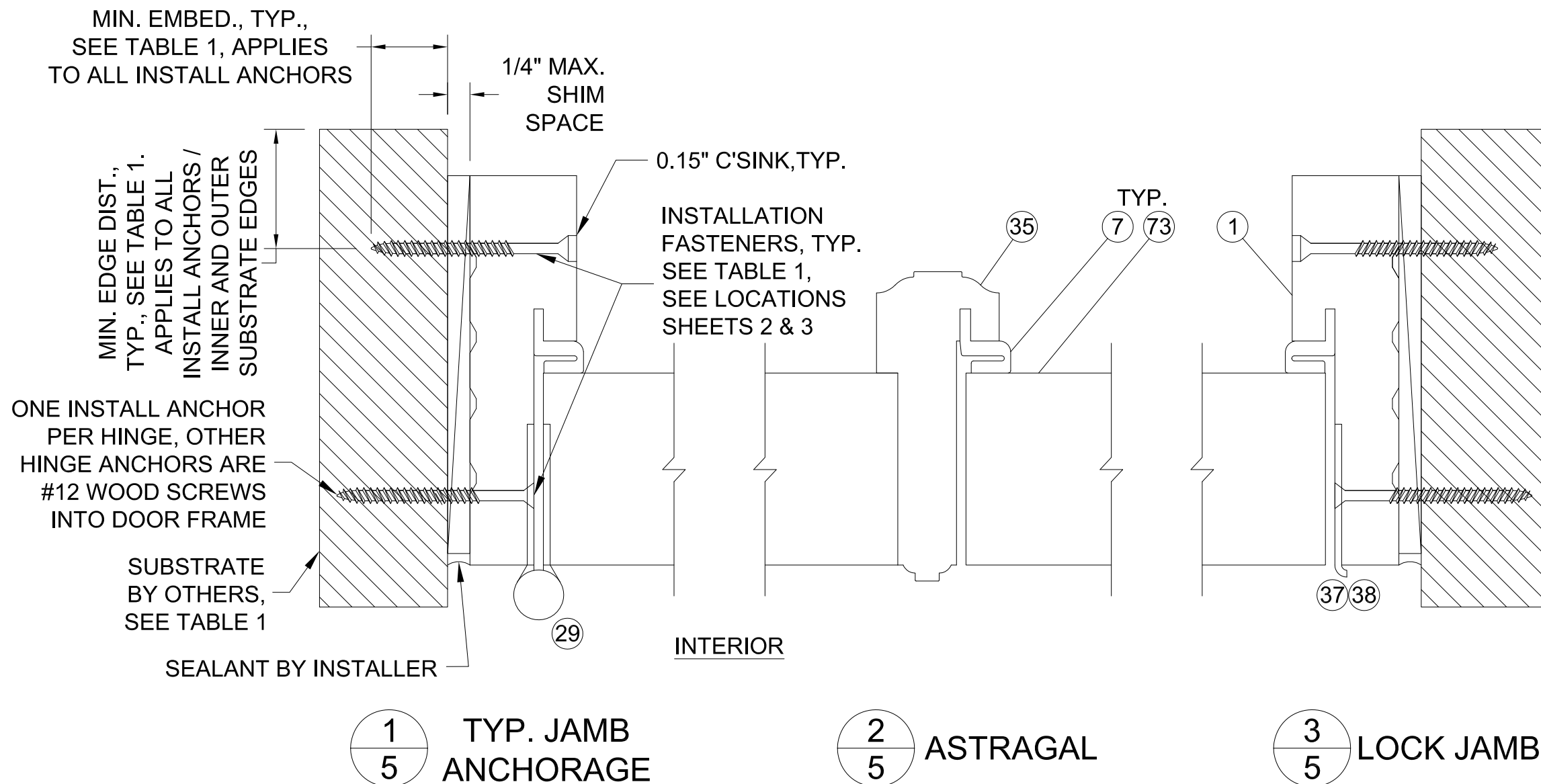
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AT HINGE AND STRIKE
ANCHOR LOCATIONS IN
CONCRETE/MASONRY USE
1/4" FASTENER SIZE AS
SHOWN IN TABLE 1, WITH
REDUCED (TRIMFIT OR #12
PFH) HEAD DIAMETER OF
0.412" OR LESS

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:
2/15/2021

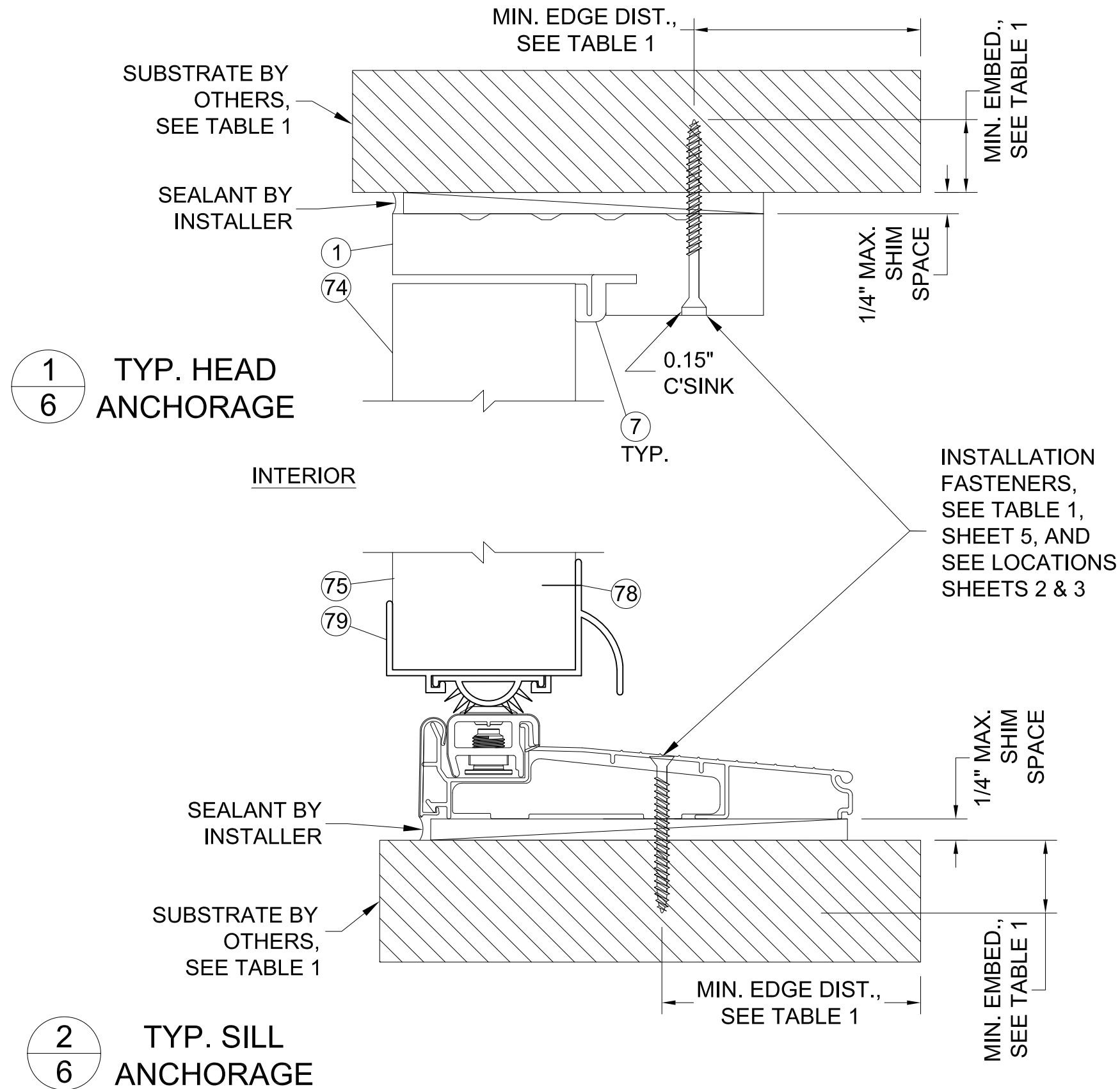
REV: A

DRAWING: FPA-Rogue-NI

SHEET: 4 OF 8



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*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:
2/15/2021

REV: A

DRAWING: FPA-Rogue-NI

SHEET: 5 OF 8

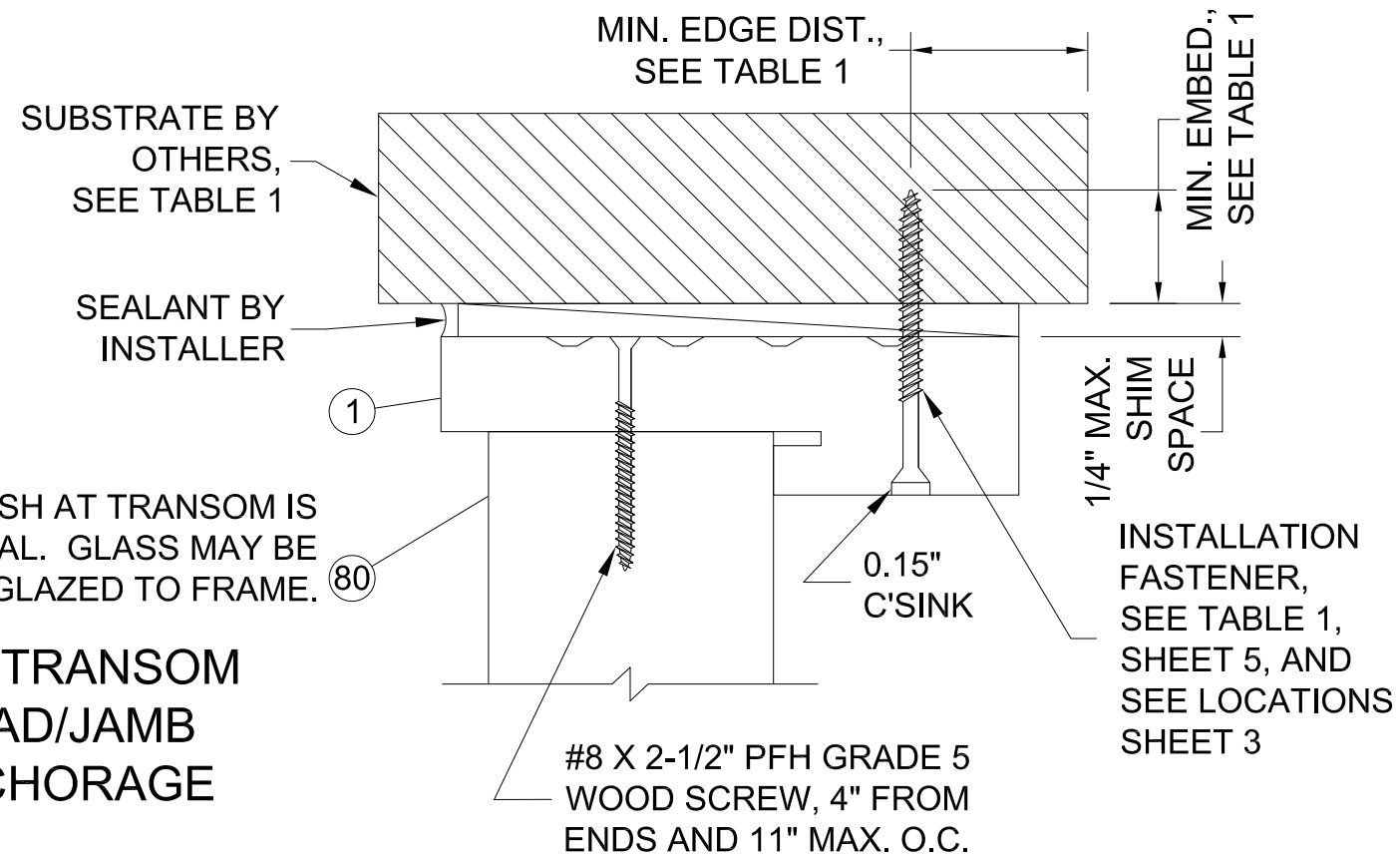


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2
7

TYP. TRANSOM HEAD/JAMB ANCHORAGE

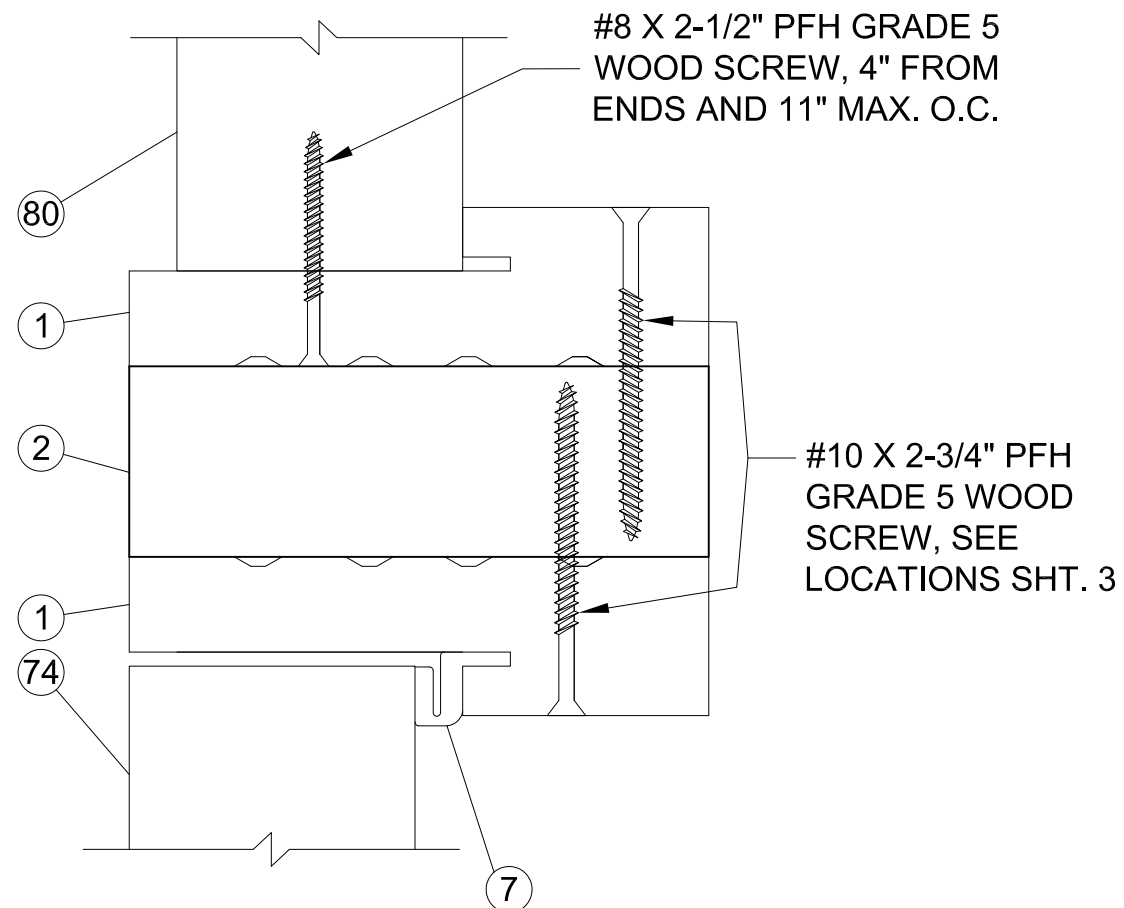
SASH AT TRANSOM IS
OPTIONAL. GLASS MAY BE
DIRECT-GLAZED TO FRAME.



INTERIOR

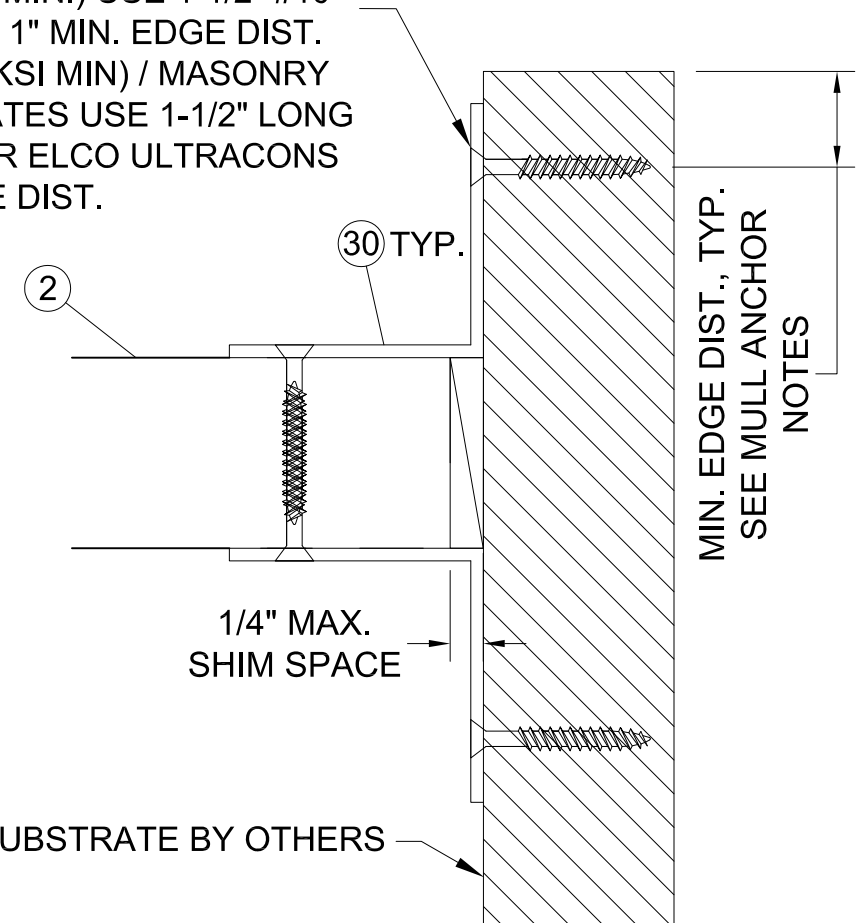
1
7

MULLION



MULL ANCHOR NOTES:

4 CLIPS PER EACH MULL END AS SHOWN, 2
CLIPS TOP AND 2 CLIPS BOTTOM. USE 4
INSTALLATION ANCHORS PER CLIP, 2 INTO
OPENING SUBSRATE AND 2 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.



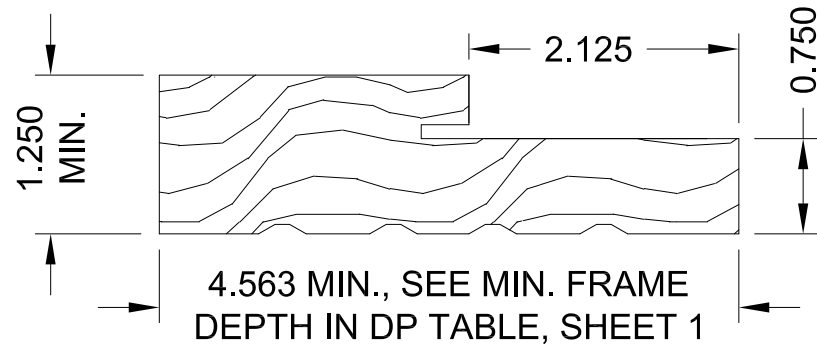
3
7

MULLION CLIP ANCHORAGE

 123 NE BEACON DR. GRANTS PASS, OR 97526 PH. (541) 479-5028 Ext. 124	
SHEET DESCRIPTION: TRANSOM/MULL SECTION DETAILS	DATE DRAWN: 2/15/2021
	REV: A
DRAWING: FPA-Rogue-NI	SHEET: 6 OF 8

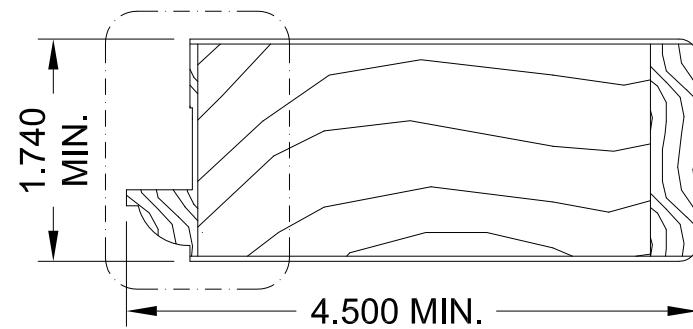


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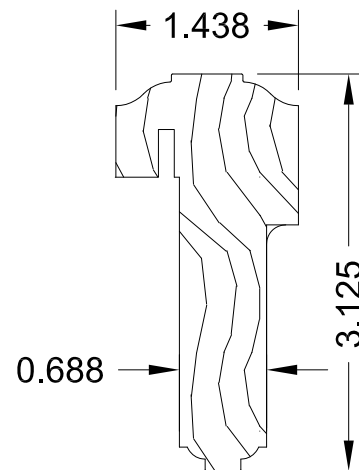


① DOOR/TRANSOM FRAME

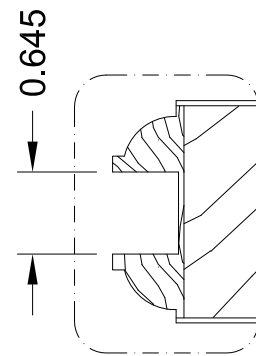
GLAZED DETAIL SHOWN,
SEE ALT. PANEL DETAIL



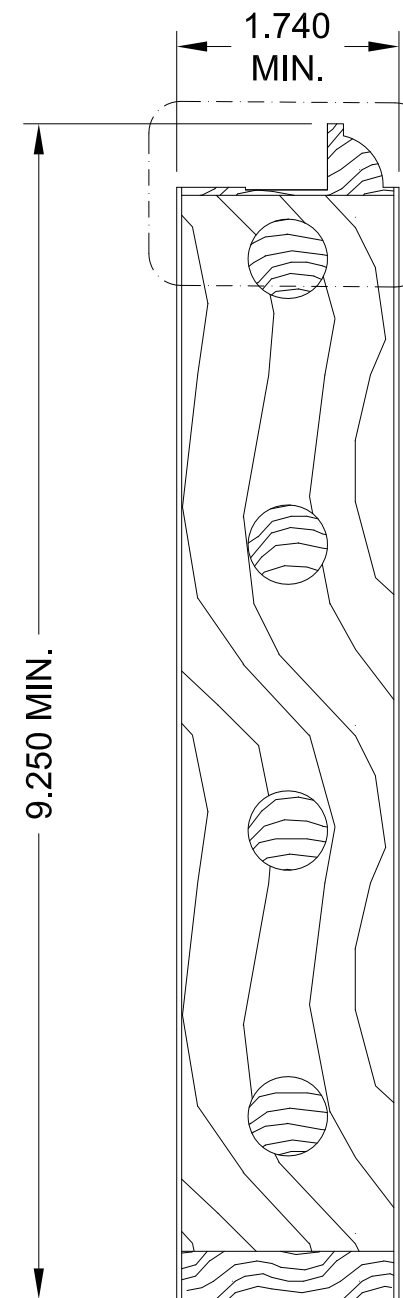
⑦③ DOOR STILE



③⑤ ASTRAGAL

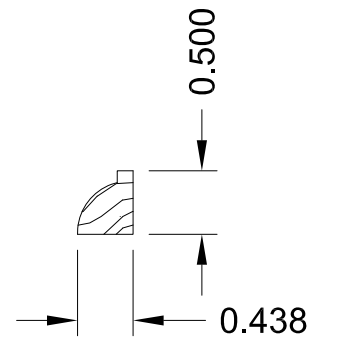


ALT. PANEL DETAIL

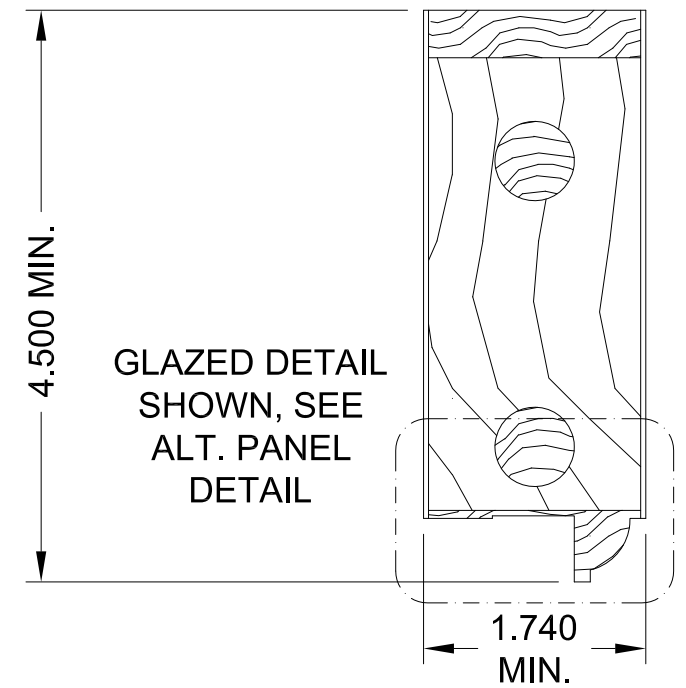


⑦⑤ DOOR BOTTOM RAIL

GLAZED DETAIL
SHOWN, SEE
ALT. PANEL
DETAIL



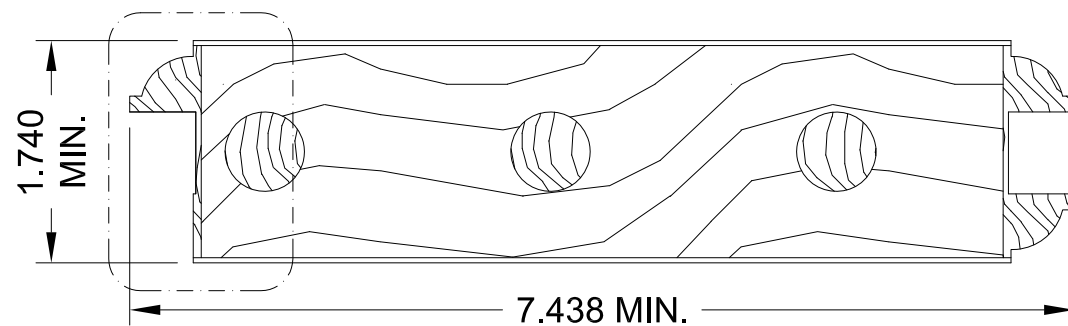
⑦① GLASS STOP



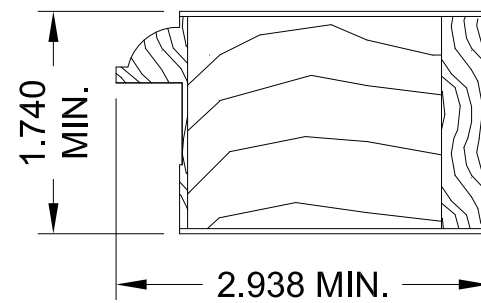
⑦④ DOOR TOP RAIL

GLAZED DETAIL
SHOWN, SEE
ALT. PANEL
DETAIL

GLAZED DETAIL SHOWN,
SEE ALT. PANEL DETAIL



⑦⑥ DOOR MIDRAIL



⑧⑦ TRANSOM SASH

ALL DIMENSIONS IN INCHES.
WOOD DOOR COMPONENTS $G \geq 0.42$

Rogue Valley Door

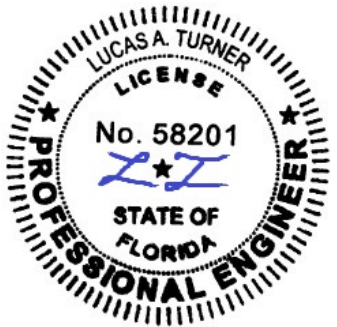
123 NE BEACON DR.
GRANTS PASS, OR 97526
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SHEET DESCRIPTION:
PART DRAWINGS

DATE DRAWN:
2/15/2021

DRAWING: FPA-Rogue-NI

REV: A
SHEET: 7 OF 8

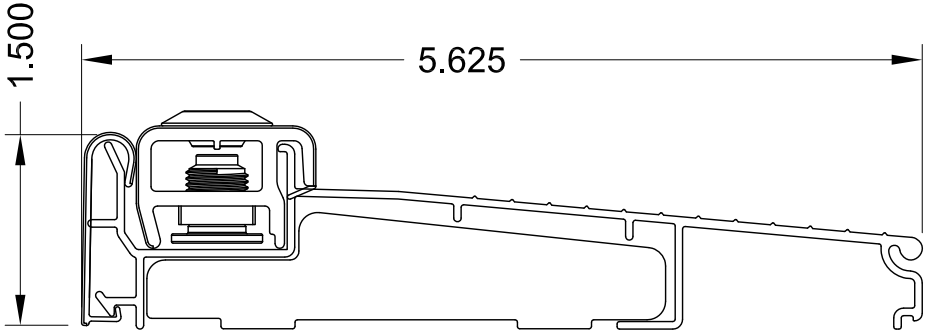


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BILL OF MATERIALS

1	DOOR/TRANSOM FRAME	WOOD
2	2X NOMINAL MULLION G>=0.55	WOOD
7	FOAM-FILLED VINYL LEAF W'STRIP	VINYL
8	SWEEP GASKET	VINYL
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" X 4" HINGE	STEEL
30	MULLION ANGLE CLIP (SIMPSON STRONG TIE A23Z)	STEEL
35	ASTRAGAL	WOOD
36	TRILENNIUM 3000 3-POINT LOCKING DEVICE (SINGLE DOORS)	
37	TRILENNIUM 3500 5-POINT LOCKING DEVICE (DOUBLE, ACTIVE)	
38	TRILENNIUM 3020 2-POINT LOCKING DEVICE (DOUBLE, INACTIVE)	
71	GLASS STOP	WOOD
72	5/8" FLAT PANEL (1/2" MDF 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	SILL, INSWING	WOOD
78	#6 X 1/2" PPH WS	STEEL
79	DOOR SWEEP	ALUM./VINYL
80	OPTIONAL TRANSOM SASH	WOOD

NUMBERS NOT SHOWN ABOVE NOT USED



77 ALUM./COMP. INSWING

ROGUE VALLEY
Door

123 NE BEACON DR.
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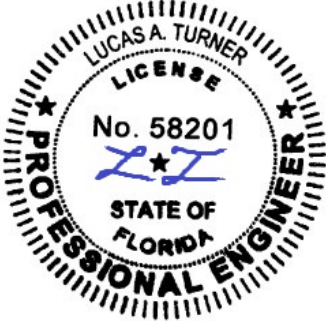
SHEET DESCRIPTION:
BOM, PART DWGS

DATE DRAWN:
2/15/2021

REV: A

DRAWING: FPA-Rogue-NI

SHEET: 8 OF 8



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