

GENERAL NOTES

1. THE PRODUCT SHOWN HEREIN HAS BEEN TESTED TO AAMA/WDMA/CSA 101/I.S.2/A440, AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, 8TH EDITION (2023), FOR USE OUTSIDE THE HIGH VELOCITY HURRICANE ZONE.
2. THIS PRODUCT IS NON-IMPACT RESISTANT AND REQUIRES THE USE OF IMPACT PROTECTIVE DEVICES (SHUTTERS) IN WINDBORNE DEBRIS REGIONS.
3. THE DESIGN PRESSURES INDICATED IN THIS DRAWING ARE AS LIMITED BY TESTED WATER AND STRUCTURAL PRESSURES.
4. THIS DOCUMENT ADDRESSES PRODUCT ANCHORAGE TO ACHIEVE THE INDICATED DESIGN PRESSURES AT THE INDICATED SIZES, IN THE CONFIGURATIONS SHOWN IN THE ELEVATIONS. INSTALL PRODUCTS AS INDICATED IN THIS DRAWING. FOR FULL PRODUCT CONSTRUCTION DETAILS SEE ELEMENT TEST REPORTS ESP 042681P.1/.2/.3/.4/.5/.6/.7
5. THE INSTALLED GLAZING SHALL MEET SAFETY GLAZING REQUIREMENTS AND ASTM E 1300 REQUIRED PRESSURES FOR EACH PROJECT LOCATION. SEE MINIMUM GLAZING THICKNESSES IN SIZE TABLE THIS SHEET.
6. 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.
7. THE OPENING SUBSTRATE MATERIALS (FRAMING OR BUCKS) AND ATTACHMENT OF BUCKS TO THE SUBSTRATE ARE BY OTHERS AND SHALL BE VERIFIED BY THE ARCHITECT OR ENGINEER OF RECORD OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION (AHJ). BUCKING, OPENINGS, & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED BY OTHERS IN ACCORDANCE WITH THE FBC TO TRANSFER SUPERIMPOSED LOADS TO THE STRUCTURE.
8. DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE COATED OR OTHERWISE PROTECTED TO PREVENT GALVANIC REACTIONS. WOOD BUCKS OVER MASONRY SHALL BE PRESSURE TREATED, WITH EITHER A TREATMENT OR COATING COMPATIBLE WITH THIS PRODUCT.
9. ALL ANCHORS USED SHALL BE OF A MATERIAL OR HAVE A COATING COMPATIBLE WITH WOOD SUBSTRATE AND ALL OTHER WINDOW MATERIALS. INSTALL ANCHORS OR CLIPS AS INDICATED IN DETAILS AT EACH LOCATION SHOWN IN THE ELEVATIONS FOR EACH INSTALLATION TYPE, WITH ANCHOR APPROPRIATE TO SUBSTRATE TYPE IN ACCORDANCE WITH ANCHOR TABLE, THIS SHEET. INSTALL SHIMS AT EACH ANCHOR LOCATION WHERE A GAP OF 1/16" OR GREATER EXISTS BETWEEN PRODUCT FRAME AND SUBSTRATE. SHIMS SHALL BE LOAD-BEARING (PLASTIC OR METALLIC) AND CAPABLE OF TRANSFERRING LOADS TO SUBSTRATE. SPECIFIED ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL FINISH OR STUCCO, BY OTHERS. ENSURE 1-1/8" MIN. ON-CENTER SPACING BETWEEN ANY TWO INSTALLATION ANCHORS.
10. 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.
11. SEALING AND FLASHING STRATEGIES FOR OVERALL WATER INFILTRATION RESISTANCE OF THE INSTALLED PRODUCT SHALL BE THE RESPONSIBILITY OF OTHERS AND ARE NOT ADDRESSED BY THIS DOCUMENT.

RESERVE & LIFESTYLE SLIDING PATIO DOORS, NON-IMPACT

SIZE TABLE (CERTIFIED CONFIGURATIONS)										
DP (PSF)	FRAME TYPE	MIN. GLASS (mm)	PANELS	WIDTH (IN.)	HEIGHT (IN.)	MAX. DLO (IN.)	INSTALLATIONS ALLOWED			MAX. JAMB SPACING SCREW
							FIN	SCREW	CLIP	
20	STND	5T-5T IG	2	119 1/4	119 1/2	53 1/8 x 110 3/4		✓	✓	21 1/2
20	STND	5T-5T IG	3	180 1/4	119 1/2	53 1/8 x 110 3/4		✓	✓	21 1/2
20	STND	5T-5T IG	4	237 1/4	119 1/2	53 1/8 x 110 3/4		✓	✓	21 1/2
30	HP	5T-5T IG	2	119 1/4	119 1/2	53 1/8 x 110 3/4		✓	✓	21 1/2
35	STND	4T-4T IG	2	95 1/4	95 1/2	41 1/8 x 86 3/4	✓	✓	✓	20 7/8
35	STND	4T-4T IG	3	144 1/4	95 1/2	41 1/8 x 86 3/4	✓	✓	✓	20 7/8
35	STND	4T-4T IG	4	189 1/4	95 1/2	41 1/8 x 86 3/4	✓	✓	✓	20 7/8
50	STND	3T-3T IG	2	71 1/4	81 1/2	29 1/8 x 72 3/4	✓	✓	✓	17 3/8
50	HP	4T-4T IG	2	95 1/4	95 1/2	41 1/8 x 86 3/4		✓	✓	20 7/8

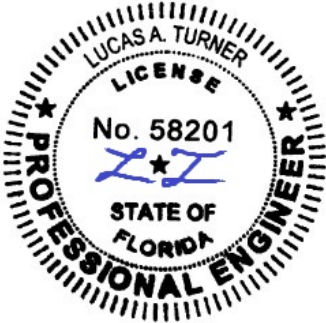
ANCHOR TABLE			
SUBSTRATE TYPE		ANCHOR TYPE	MIN. EMBED. MIN. EDGE DIST.
INSTALLATION SCREWS (THROUGH FRAME): PAN HEAD OR HEX WASHER HEAD AT HEAD/SILL, FLAT HEAD AT SILL			
HOLLOW OR GROUTED CMU (ASTM C90) (AT JAMBS ONLY)		3/16" DEWALT ULTRACON+	1 1/4" 2 1/2"
SOLID UNCRACKED CONCRETE (3.05 KSI MIN.)		3/16" DEWALT ULTRACON+	1 3/4" 2 1/2"
2X MIN. SOUTHERN PINE WOOD (G=0.55)		#10 WOOD SCREW	1 3/8" 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 + 3 THREADS 3/8"
NAILING FIN FASTENERS (SCREWS WITH WAFER HEAD, PAN HEAD, OR WITH WASHERS)			
2X MIN. SOUTHERN PINE WOOD (G=0.55)		#8 WOOD SCREW	1 3/8" 7/16"
2X MIN. SOUTHERN PINE WOOD (G=0.55)		11 GAUGE ROOFING NAIL	1 3/8" 7/16"
CLIP SCREWS: WAFER, PAN HEAD, OR WITH WASHERS			
2X MIN. SOUTHERN PINE WOOD (G=0.55)		#6 WOOD SCREW	1 3/8" 3/8"
NAILING FIN FASTENERS OR CLIP SCREWS: WAFER, PAN HEAD, OR WITH WASHERS			
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 + 3 THREADS 3/8"

Lucas Turner, PE 58201
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-06'00'



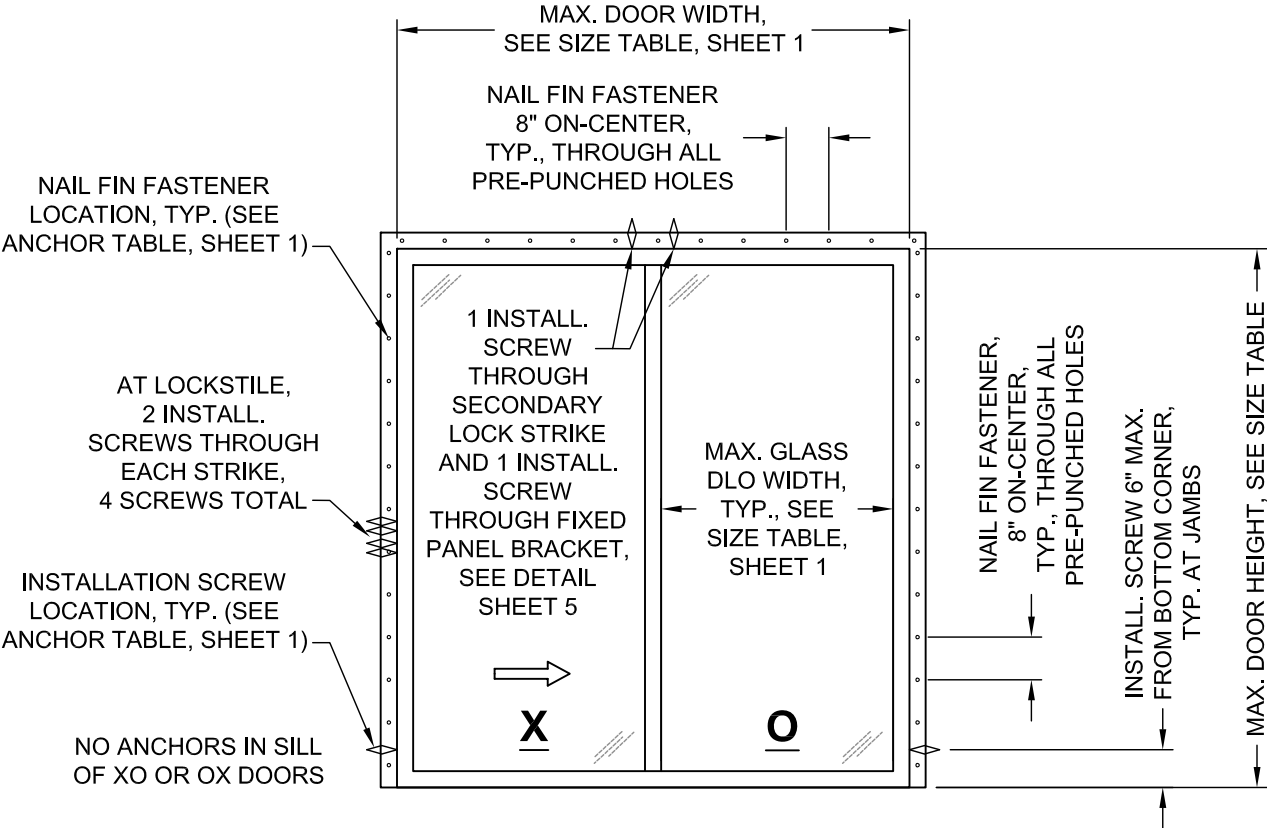
PELLA CORPORATION
102 MAIN STREET, PELLA, IA 50219

SHEET DESCRIPTION: NOTES, SIZE AND ANCHOR TABLES	DATE DRAWN: 2/5/2025
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DRAWING: FPA-RL-SPD	SHEET: 1 OF 5

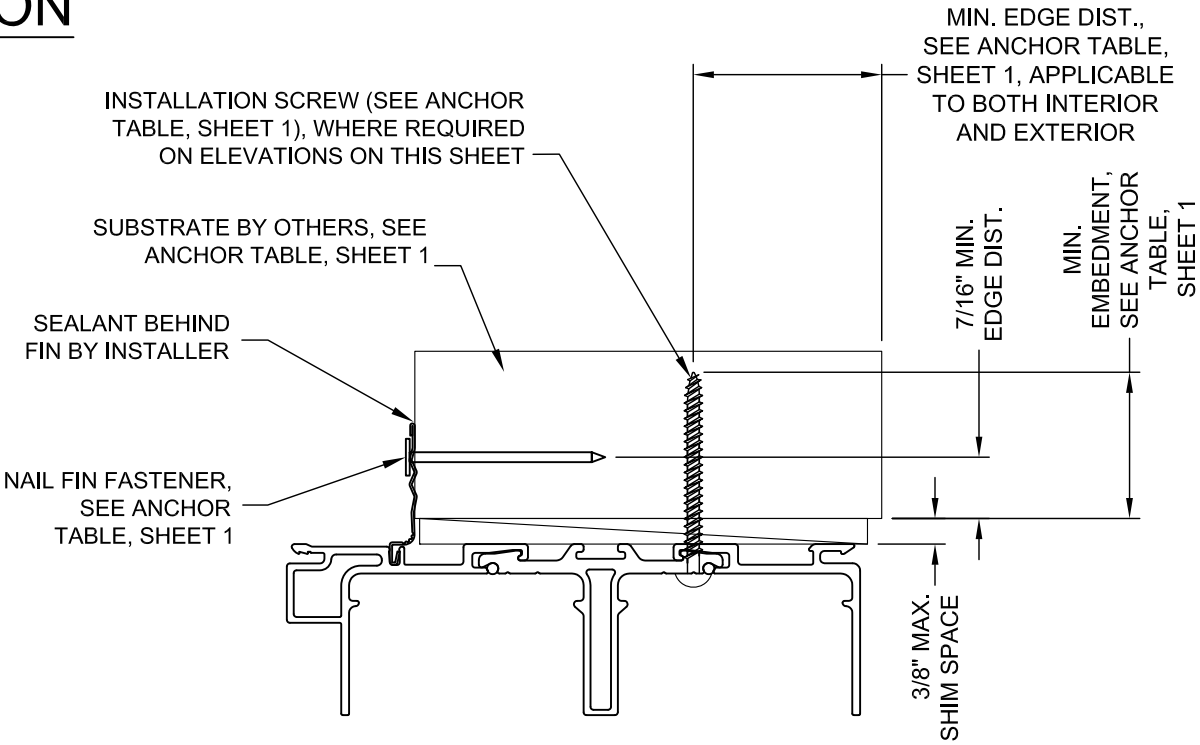


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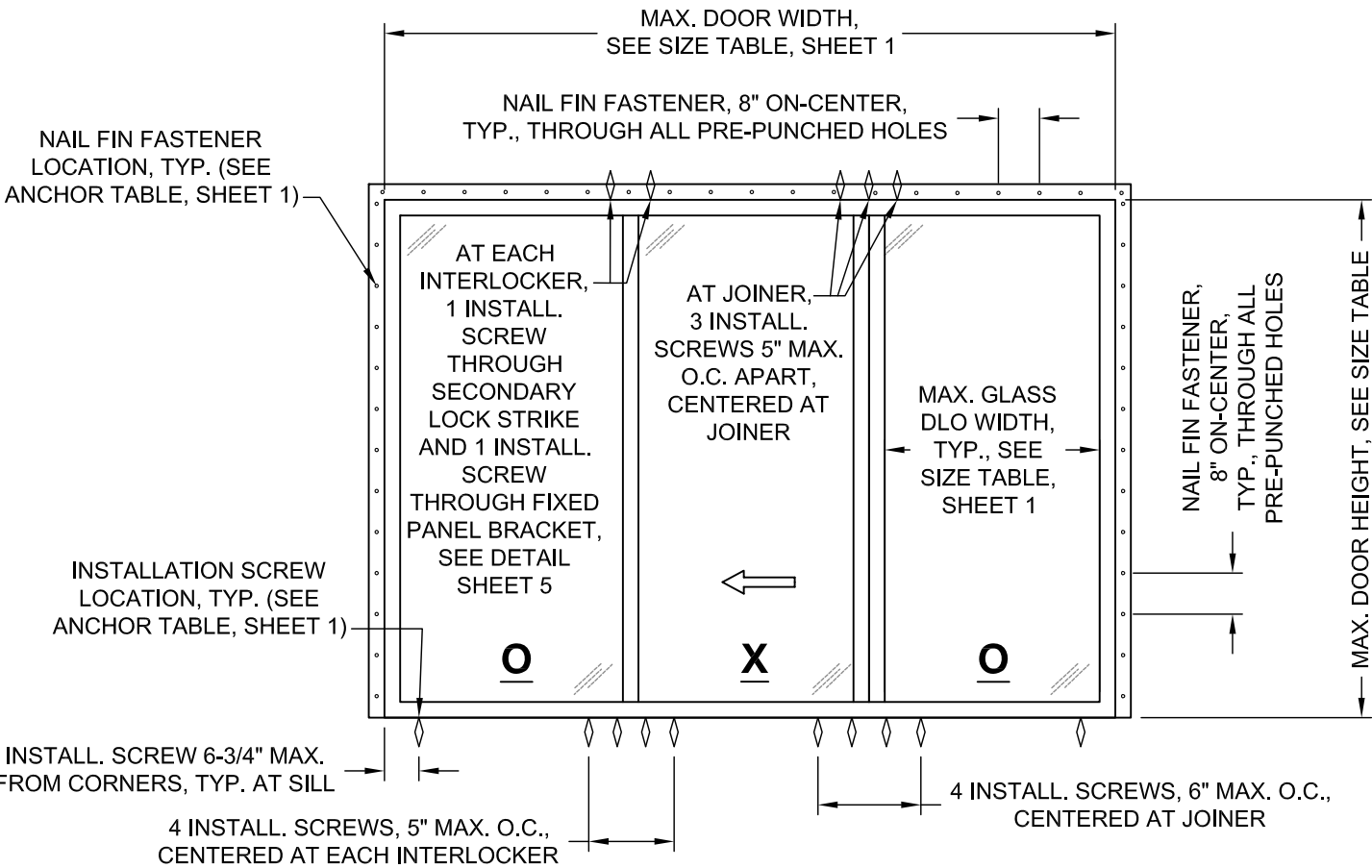
RESERVE & LIFESTYLE SLIDING PATIO DOORS, FIN INSTALLATION



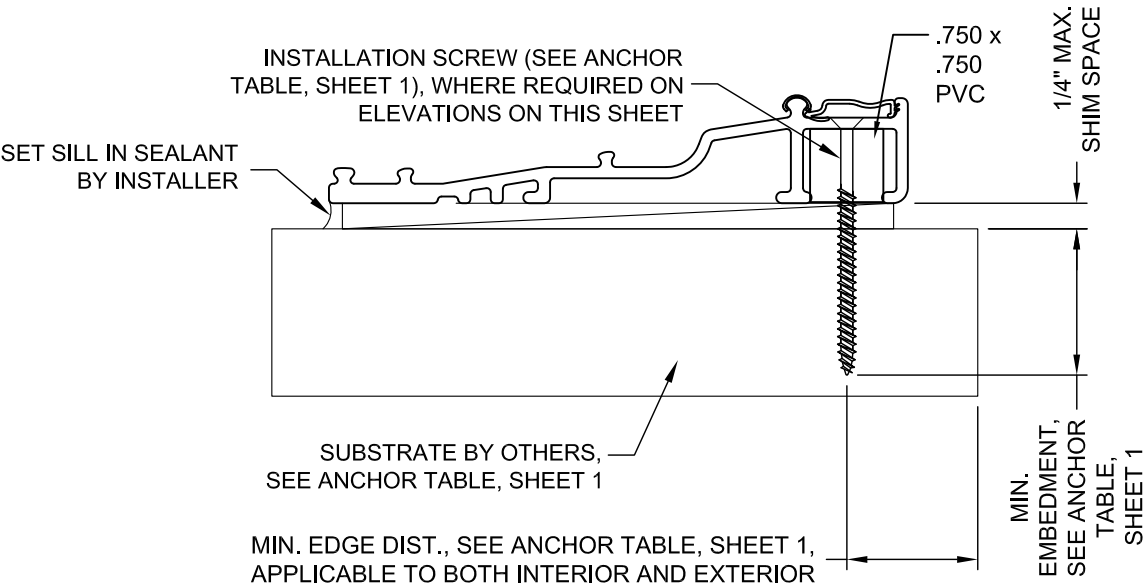
TYP. XO OR OX FIN INSTALLATION



TYP. HEAD/JAMB FIN INSTALLATION



TYP. OXO OR OXXO FIN INSTALLATION



TYP. OXO OR OXXO SILL INSTALLATION

(NO ANCHORS IN SILL OF XO OR OX FIN DOORS)



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SHEET DESCRIPTION:
FIN INSTALLATION

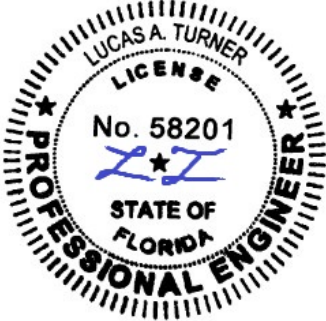
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2/5/2025

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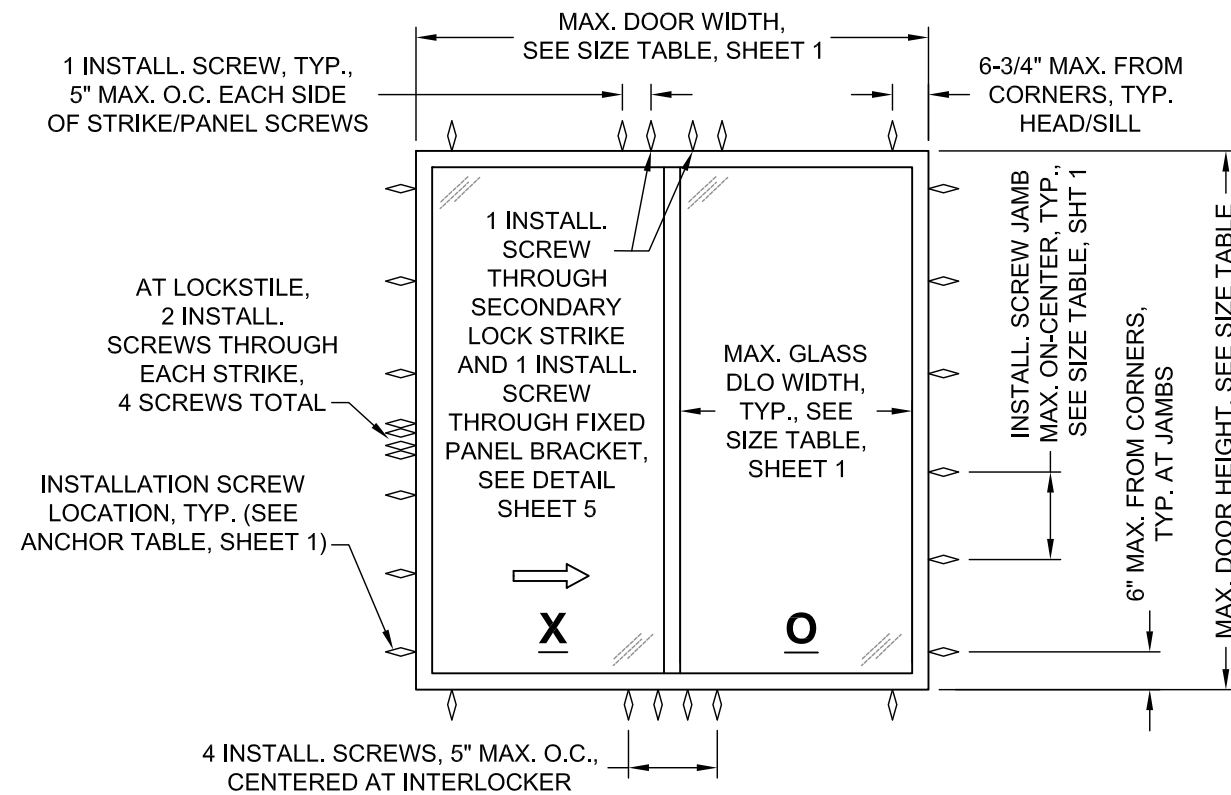
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SHEET: 2 OF 5

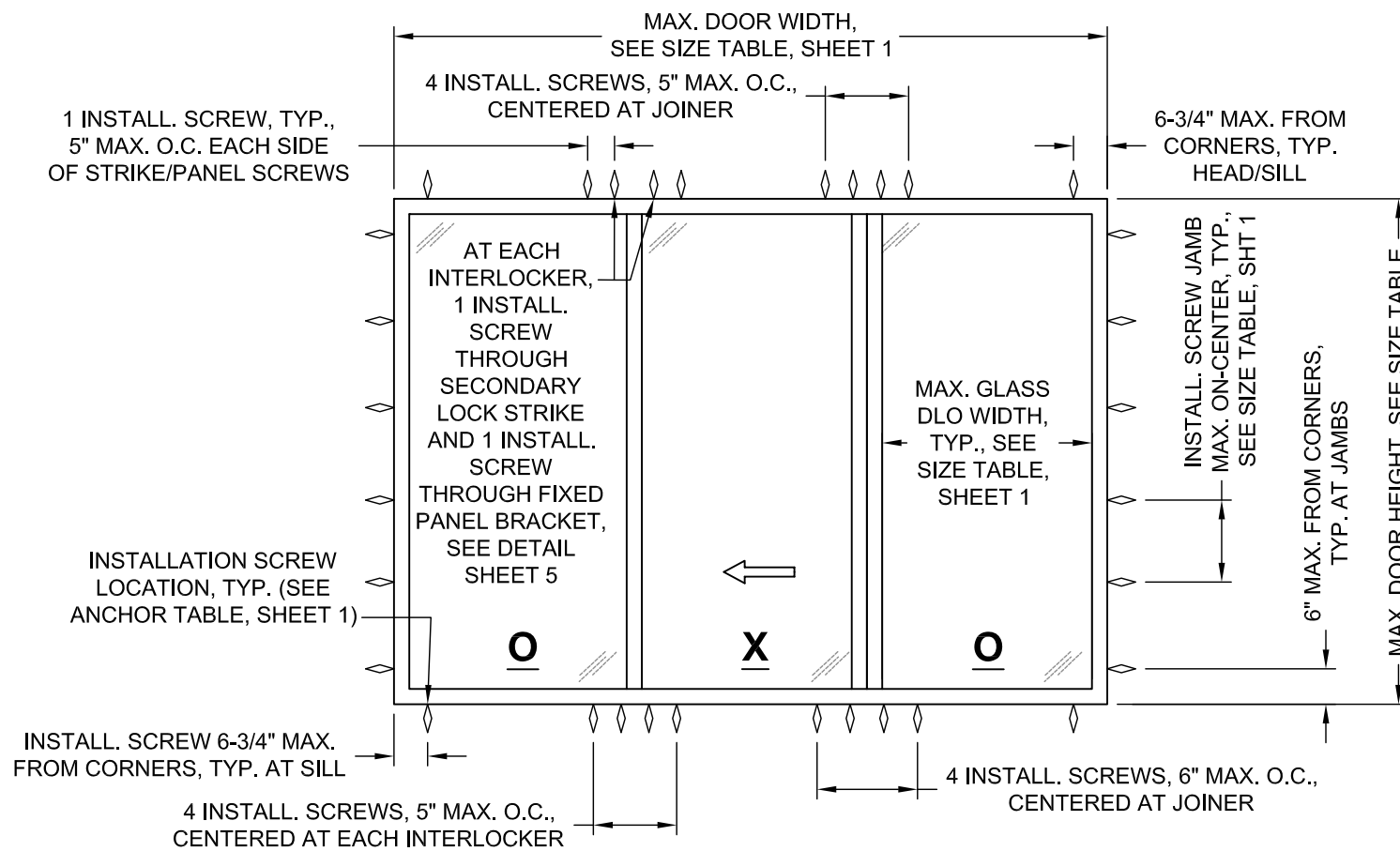


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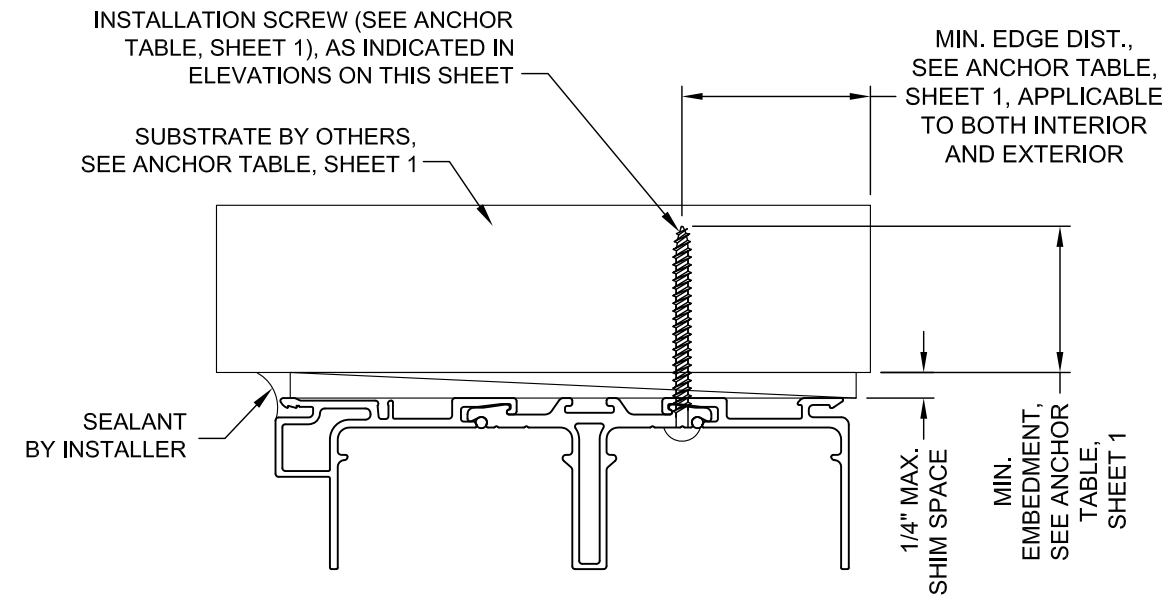
RESERVE & LIFESTYLE SLIDING PATIO DOORS, SCREW INSTALLATION



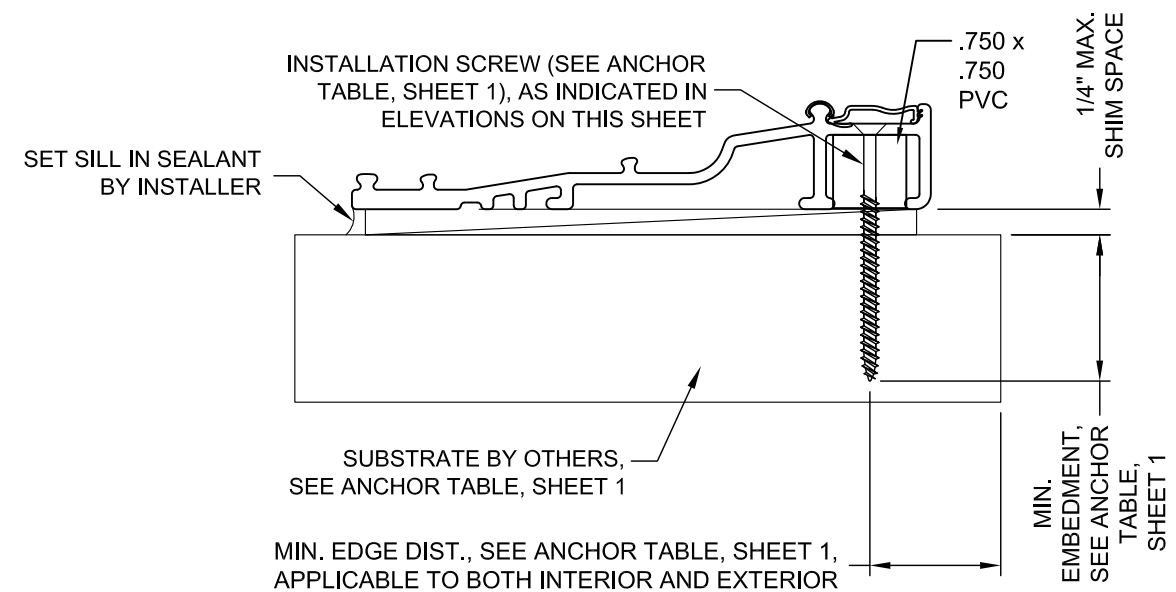
TYP. XO OR OX SCREW INSTALLATION



TYP. OXO OR OXXO SCREW INSTALLATION



TYP. HEAD/JAMB SCREW INSTALLATION



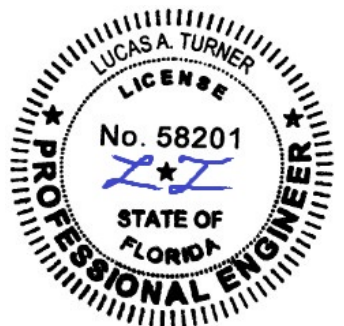
TYP. SILL INSTALLATION



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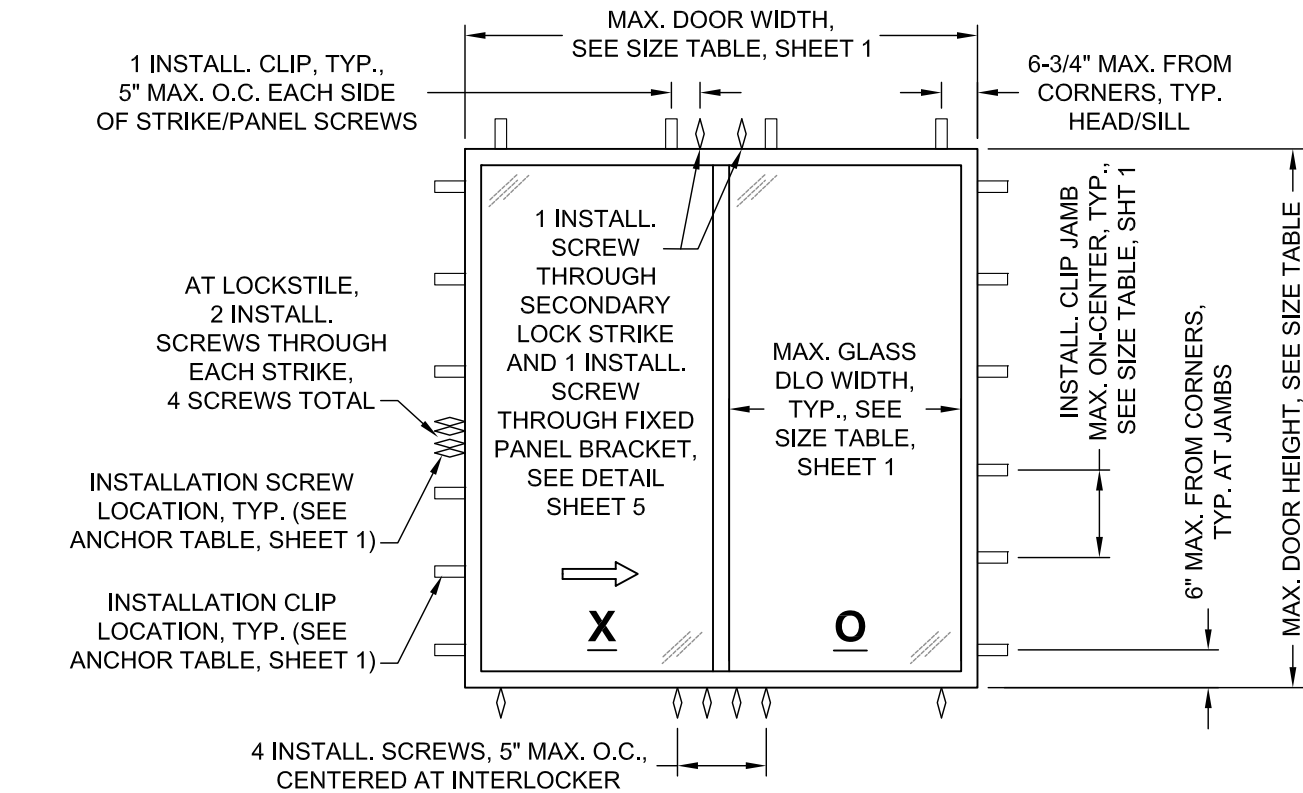
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SCALE: NTS	REV: 0
DRAWING: FPA-RL-SPD	SHEET: 3 OF 5

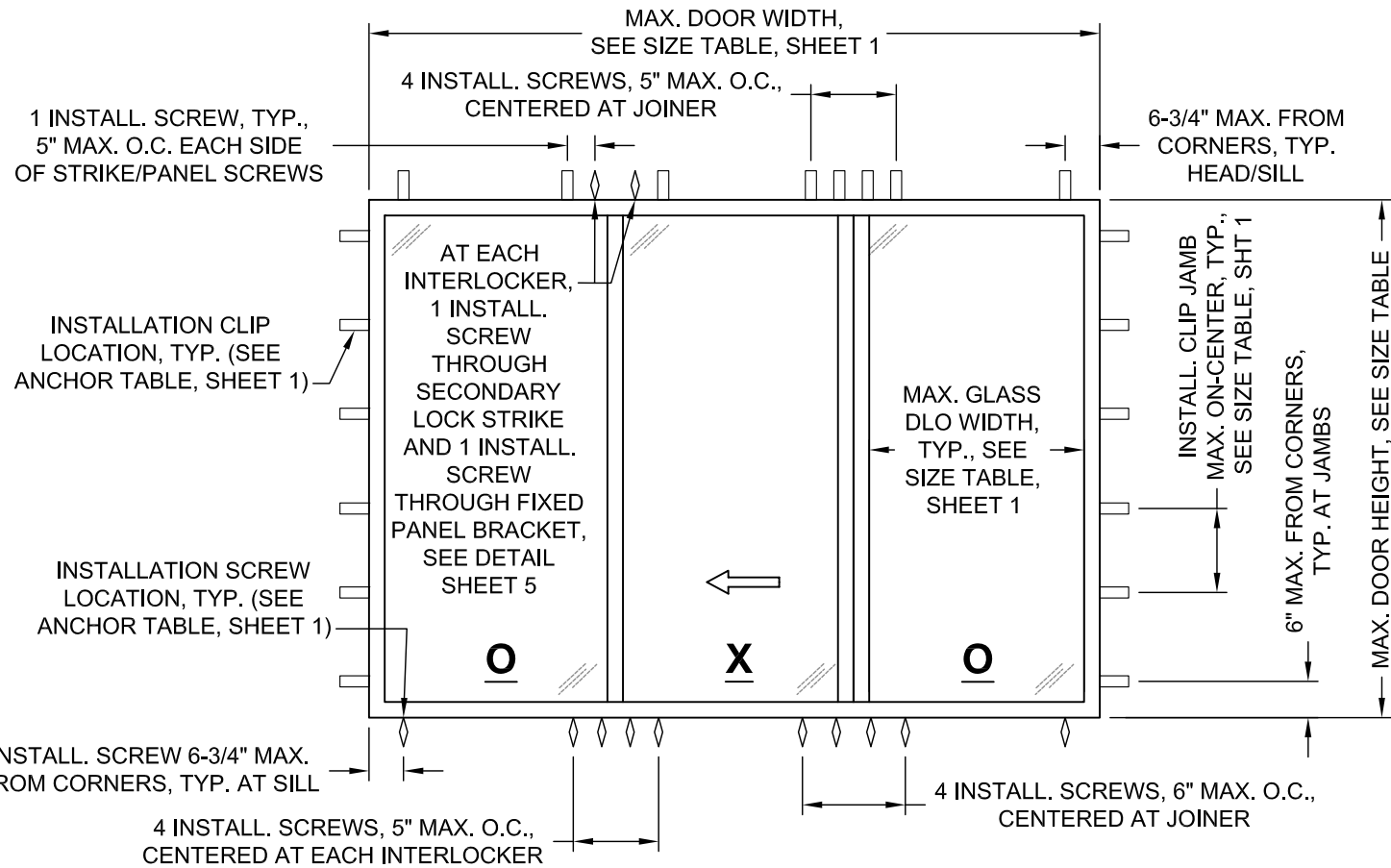


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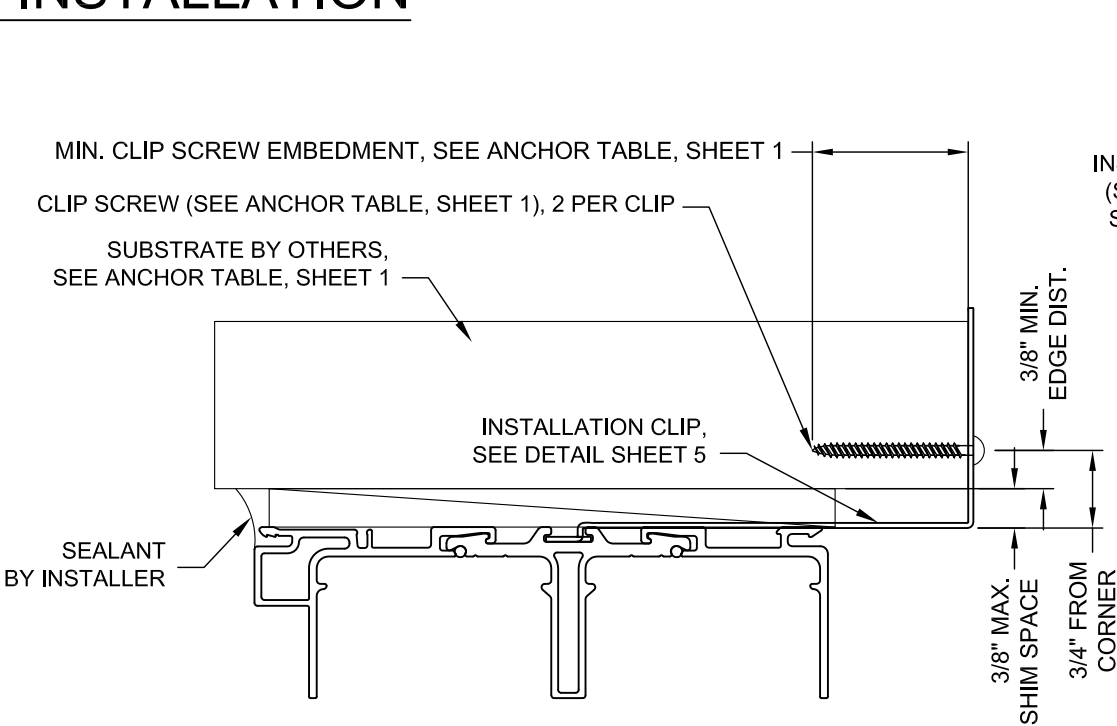
RESERVE & LIFESTYLE SLIDING PATIO DOORS, CLIP INSTALLATION



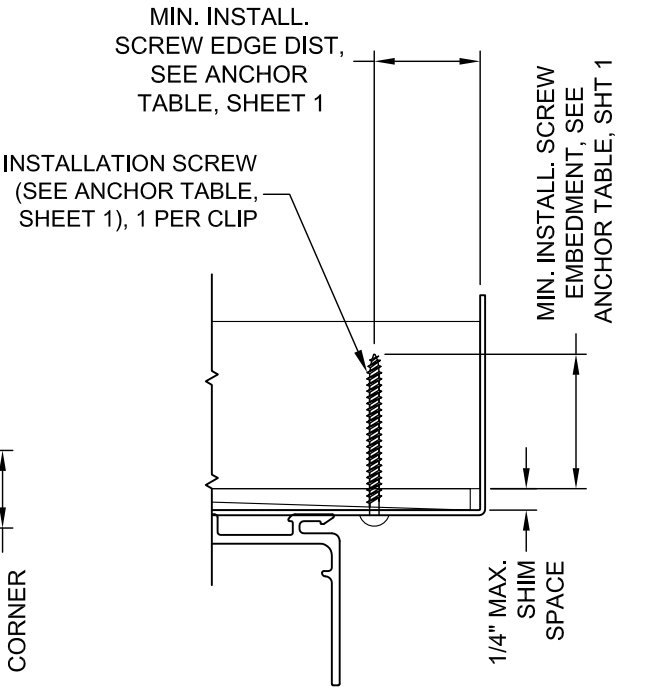
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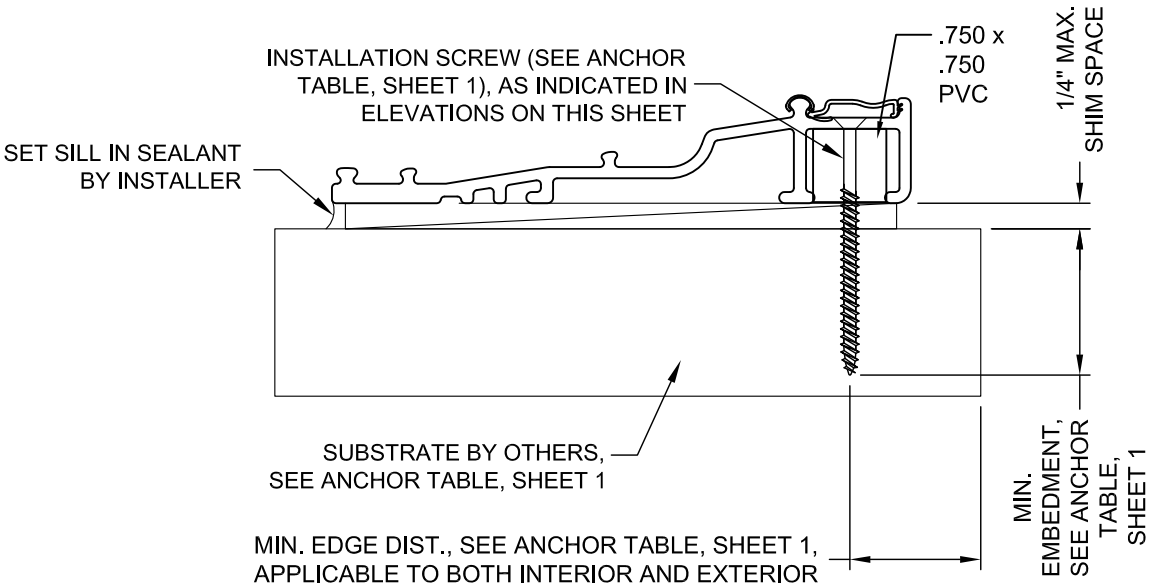
TYP. OXO OR OXXO CLIP INSTALLATION



TYP. HEAD/JAMB CLIP INSTALLATION



OPTIONAL INSTALLATION
SCREW THROUGH CLIP



TYP. SILL INSTALLATION



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102 MAIN STREET, PELLA, IA 50219

SHEET DESCRIPTION:
CLIP INSTALLATION

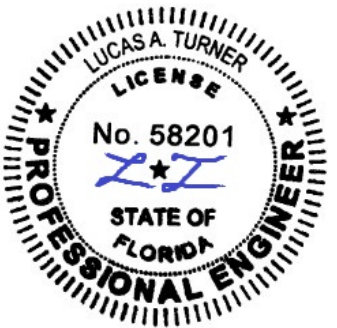
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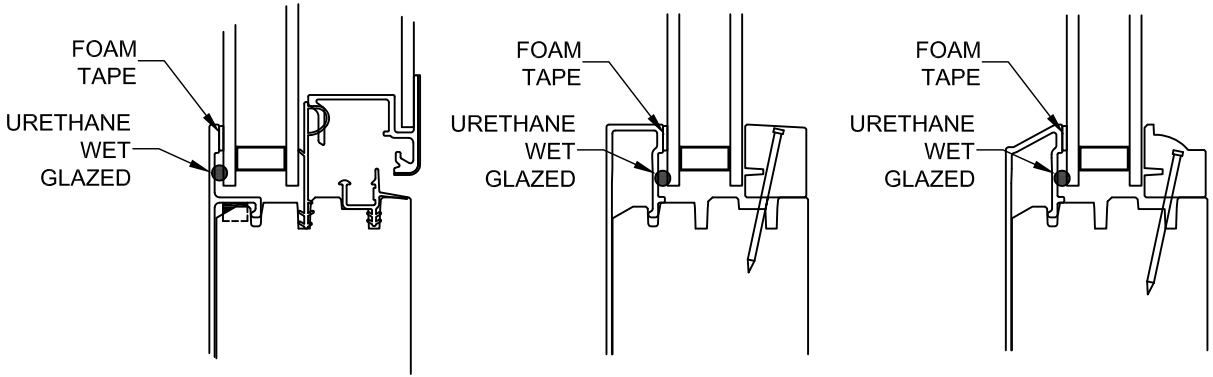
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SHEET: 4 OF 5



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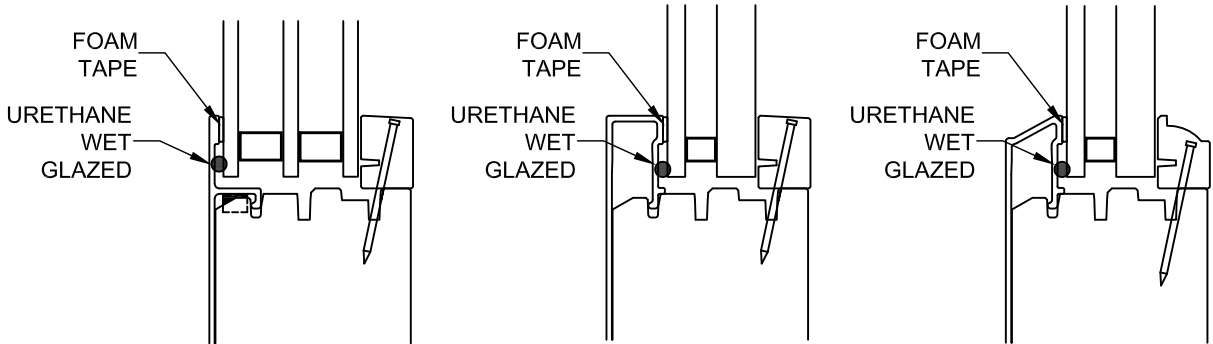


3/4 IG ML HGP

(AVAILABLE IN 2-PANEL
STANDARD FRAMES ONLY UP TO
95-1/4 X 95-1/2 OR EQUIVALENT)

3/4 IG SQUARE

3/4 IG PUTTY

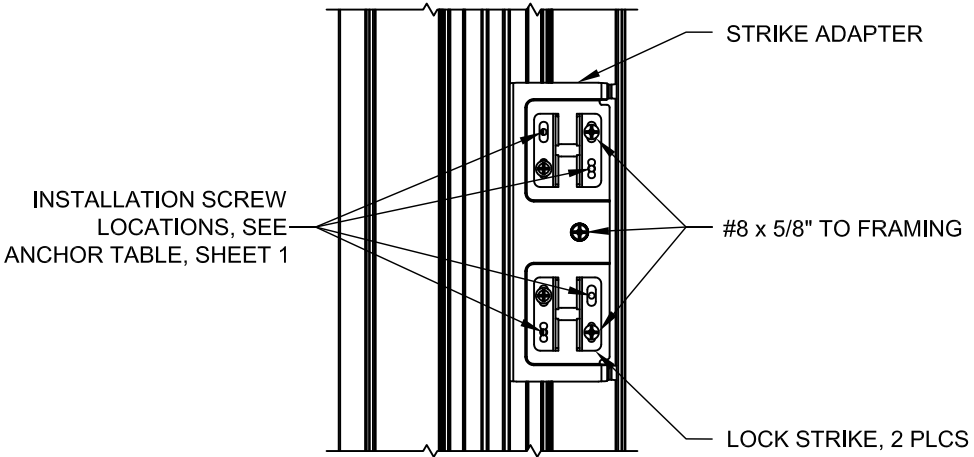


1 3/8 TRIPLE IG
HGP

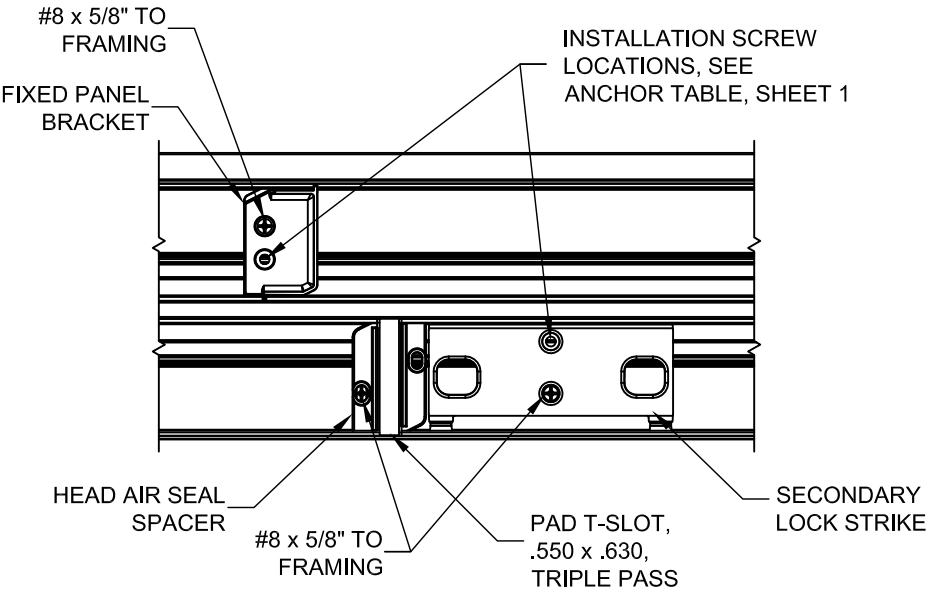
7/8 IG SQUARE

7/8 IG PUTTY

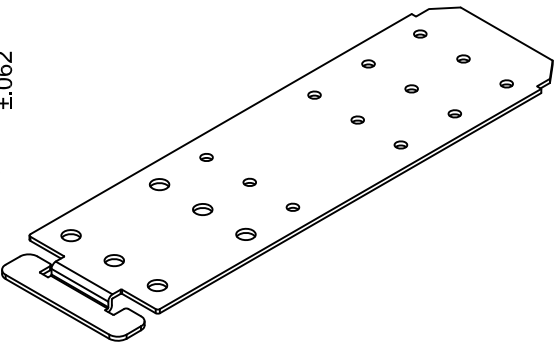
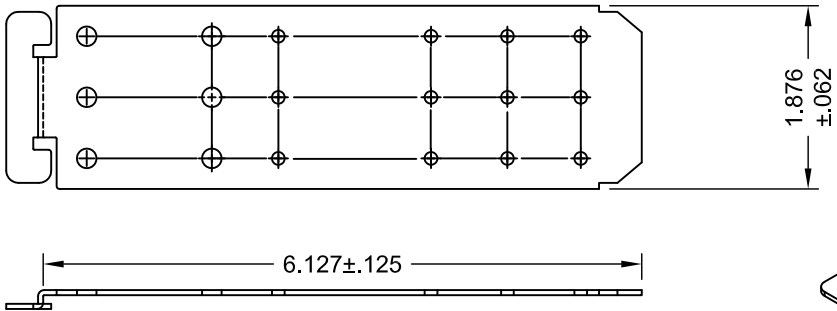
GLAZING OPTIONS



LOCKSTILE STRIKES
ANCHORAGE DETAIL



HEAD AT INTERLOCKER
ANCHORAGE DETAIL



INSTALLATION CLIP DETAIL

(18 GAUGE HOT DIPPED GALVANIZED)



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SHEET DESCRIPTION:
GLAZING, ANCHORAGE DETAILS

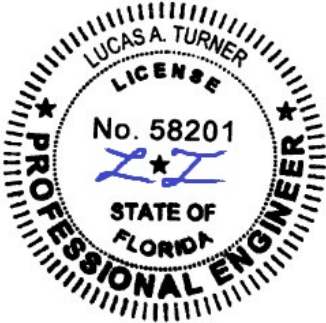
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