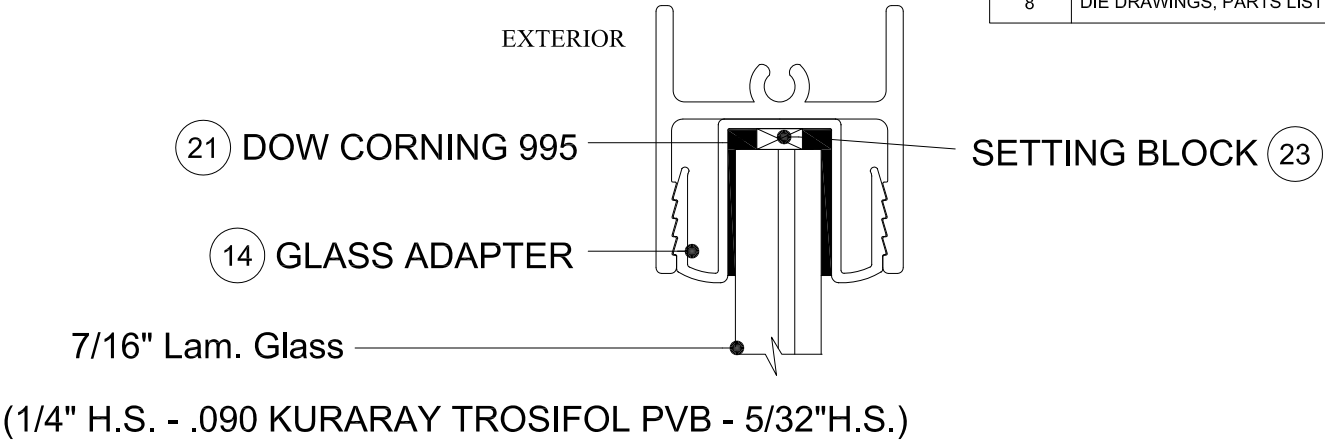


GENERAL NOTES

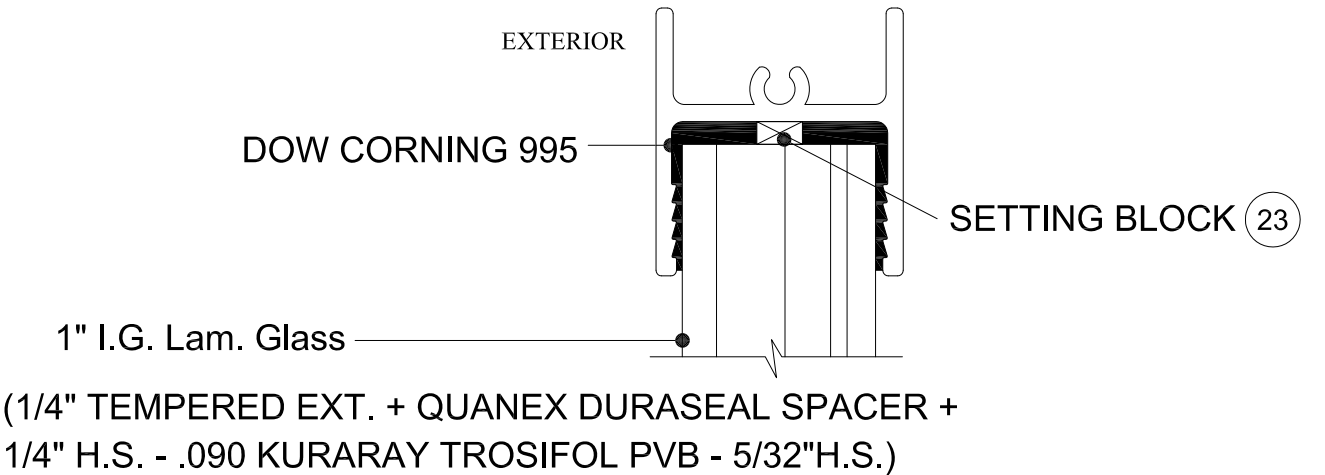
1. THIS PRODUCT, FABRICATED AND ANCHORED AS DETAILED IN THIS DRAWING, IS LARGE MISSILE IMPACT RESISTANT AND DOES NOT REQUIRE THE USE OF IMPACT PROTECTIVE DEVICES (SHUTTERS) IN WINDBORNE DEBRIS REGIONS.
2. THIS PRODUCT HAS BEEN TESTED TO TAS 201/202/203–94, AND MEETS THE REQUIREMENTS OF THE 9TH ED. (2026) FLORIDA BUILDING CODE, INCLUDING THE HIGH VELOCITY HURRICANE ZONE.
3. ALLOWABLE CONFIGURATIONS OX, XO, OXX, XXO, OXXO, XX, XXX, AND XXXX
4. THE DESIGN PRESSURE RATINGS IN THIS DRAWING ARE AS LIMITED BY ASTM E–1300 GLASS TABLES, AND TESTED WATER, 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/MASONRY WITH WOOD BUCKS LESS THAN 1–1/2” THICK, ANCHOR EMBEDMENT SHALL BE INTO CONCRETE/MASONRY. WHEN INSTALLING INTO WOOD BUCKS 1–1/2” OR THICKER OVER CONCRETE/MASONTRY, 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 6063–T5 ALUMINUM. ALL ANCHORS USED SHALL BE OF A MATERIAL OR HAVE A COATING COMPATIBLE WITH THE PRESSURE TREATED WOOD BUCKS AND ALL OTHER WINDOW MATERIALS AND THE INSTALLATION SUBSTRATE.
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. FOR FBC 1711 COASTAL COMPLIANCE SEE EVALUATION REPORT.
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.
10. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK, USE #12 GRADE 5 STEEL WOOD SCREWS WITH 1–3/8” MINIMUM EMBEDMENT INTO SUBSTRATE AND 1” MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
11. FOR ANCHORING INTO MASONRY/CONCRETE, USE 1/4” DEWALT ULTRACONS WITH A 1 3/4” MINIMUM EMBEDMENT AND 1” MINIMUM EDGE DISTANCE INTO SOLID CONCRETE, OR 1 1/4” MINIMUM EMBEDMENT AND 1” MINIMUM EDGE DISTANCE INTO CMU. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. MASONRY/CONCRETE SHALL NOT BE CRACKED.
12. FOR ANCHORING INTO 0.060” MINIMUM 33KSI STEEL, USE #12 ITW BUILDDEX TEKS SELECT SELF–DRILLING STRUCTURAL FASTENERS (GRADE 5) WITH FULL THREAD ENGAGEMENT THROUGH THE METAL WALL THICKNESS AND MIN. 3 THREADS BEYOND, AND 1/2” MINIMUM EDGE DISTANCE. FOR ANCHORING INTO 1/8” MINIMUM THICKNESS 6063–T5 ALUMINUM OR 33KSI STEEL, USE #12 GRADE 5 SELF–DRILLING FASTENER WITH FULL THREAD ENGAGEMENT THROUGH THE METAL WALL THICKNESS AND MIN. 3 THREADS BEYOND, AND 1/2” MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
13. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER’S INSTRUCTIONS AND MINIMUM SUBSTRATE STRENGTH SHALL BE AS FOLLOWS:

- WOOD – MIN. SPECIFIC GRAVITY OF 0.42 (SPRUCE–PINE–FIR)
- SOLID CONCRETE – 3.05 KSI MIN. COMPRESSIVE STRENGTH
- MASONRY/CMU – STRENGTH CONFORMANCE TO ASTM C–90
- STEEL – 33 KSI MIN. YIELD
- ALUMINUM – 6063–T5 MIN.

TABLE OF CONTENTS	
SHEET	DESCRIPTION
1	GENERAL NOTES, GLAZING DETAIL, DESIGN PRESSURES
2-3	SAMPLE ELEVATIONS
4-5	INSTALLATION DETAILS, NOTES
6	ANCHOR LOCATION DETAILS
7	ASSEMBLY DETAILS
8	DIE DRAWINGS, PARTS LIST



TYP. GLAZING DETAIL, 7/16"



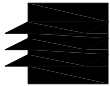
TYP. GLAZING DETAIL, 1" I.G.

MAX. DLO SIZE	DESIGN PRESSURE RATING	IMPACT RATING
42-1/2" X 88-7/8"	+/-60 PSF	LARGE AND SMALL MISSILE

Lucas Turner
2026.10.13
15:41:23 -05'00'

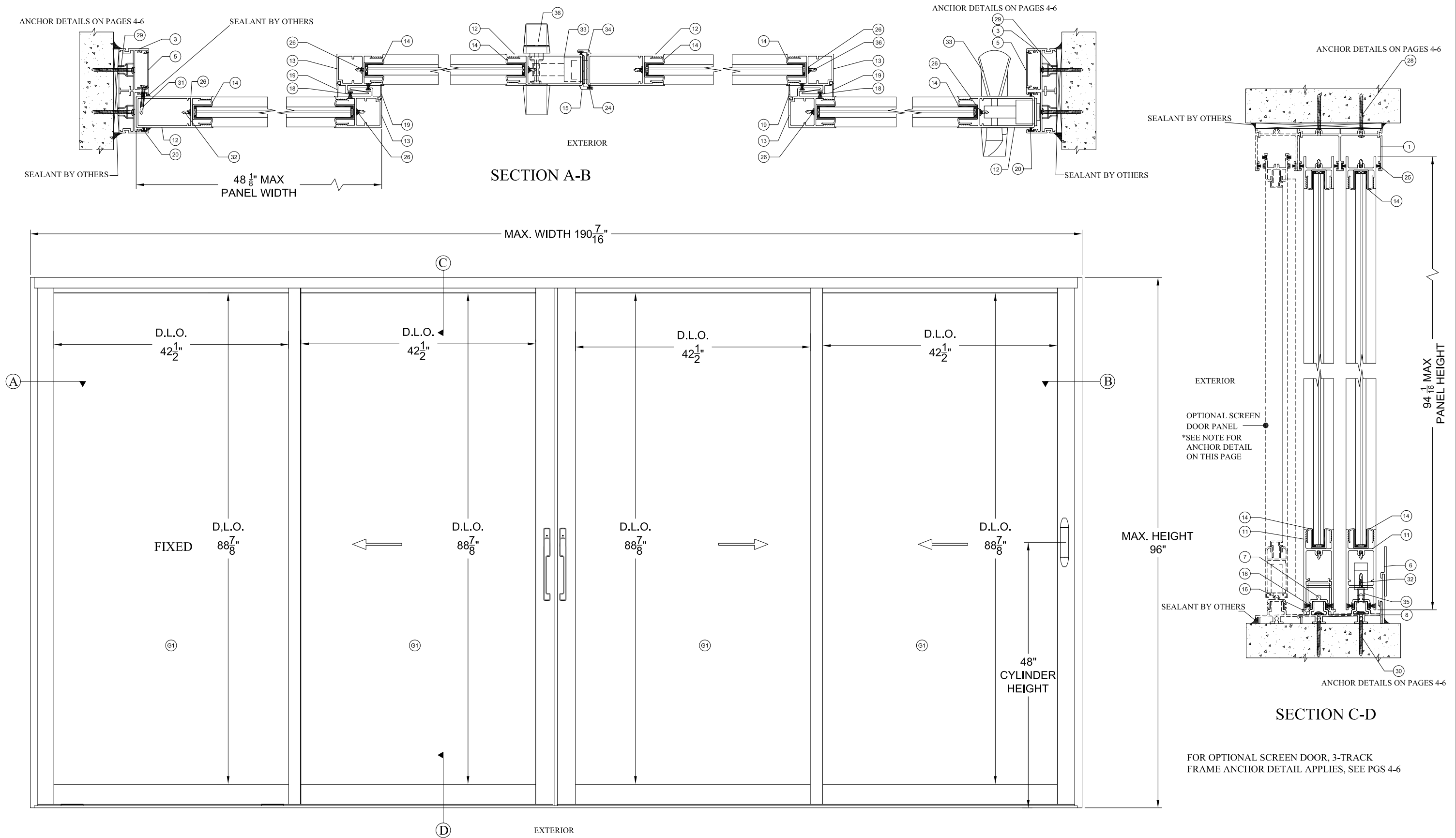


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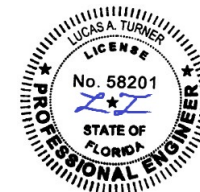
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DRAWN J.ORTIZ	12/11/2024	SLIDING DOOR HP LD AIR	
CHECK F.MORALES	12/11/2024		
APPRV. LMEGWNOFF	12/11/2024		
REVISION			
C	10/13/2026	DRW.#: FPA-SGD-AIR	PAGE 1 OF 8

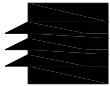


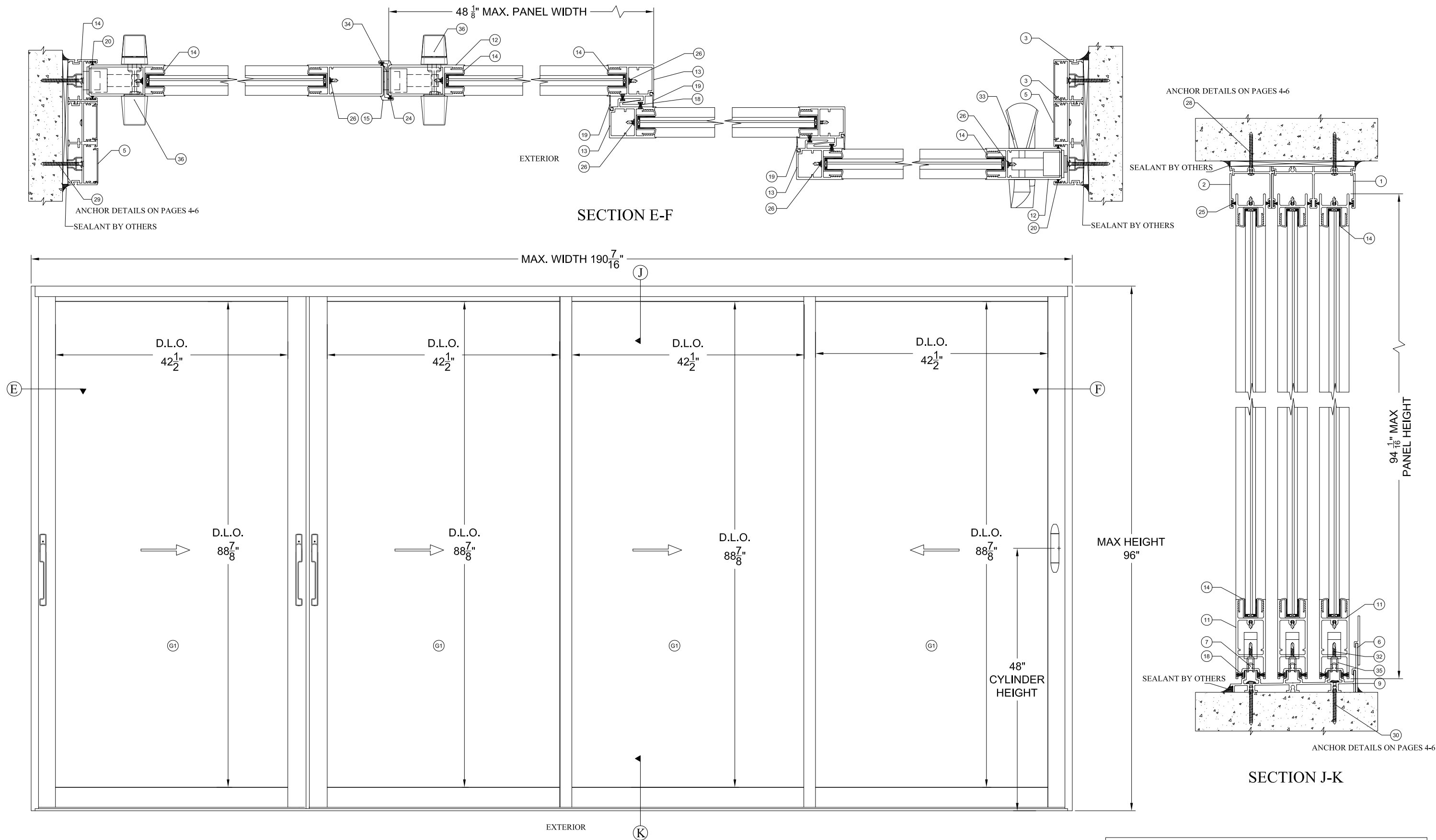
NOTE: 7/16" LAM. GLASS SHOWN THIS SHEET, I.G. ALLOWED, SEE GLAZING DETAIL OPTIONS, SHEET 1

SAMPLE ELEVATION 4 PANELS / 2 TRACKS

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DESIGNED	DATED	PRODUCT NAME	
DRAWN	J.ORTIZ	12/11/2024	
CHECK	F.MORALES	12/11/2024	
APPRV.	LMEGWINOFF	12/11/2024	
REVISION		SLIDING DOOR HP LD AIR	
C	10/13/2026	DRW.#: FPA-SGD-AIR	PAGE 2 OF 8



SAMPLE ELEVATION 4 PANELS / 3 TRACKS

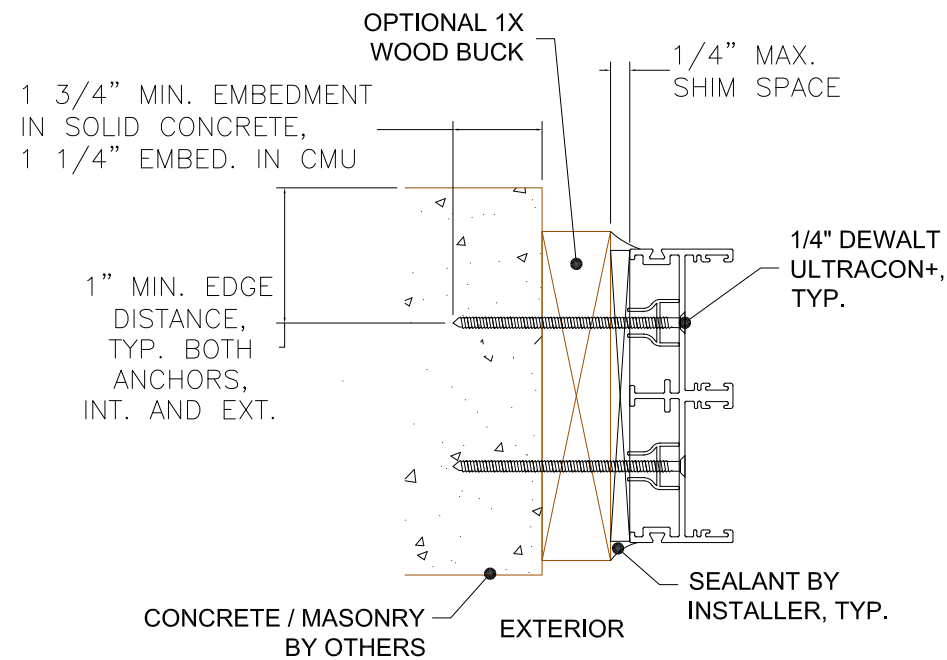
NOTE: 7/16" LAM. GLASS SHOWN THIS SHEET, I.G. ALLOWED, SEE GLAZING DETAIL OPTIONS, SHEET 1

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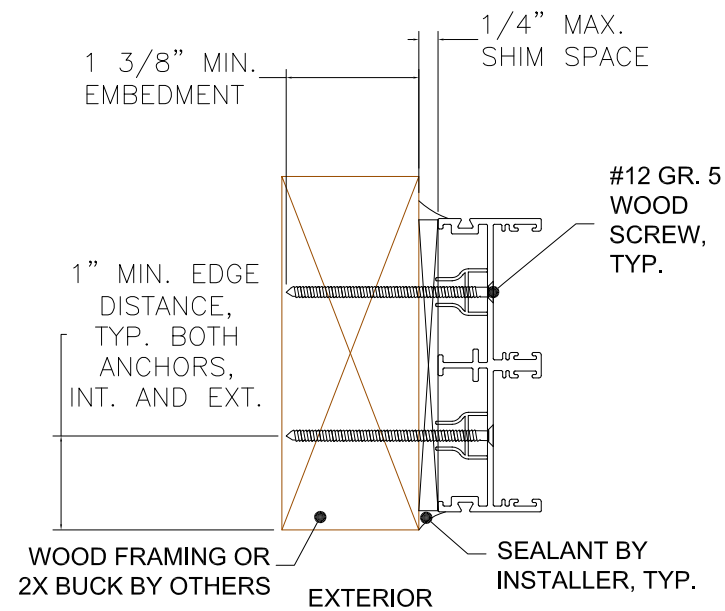


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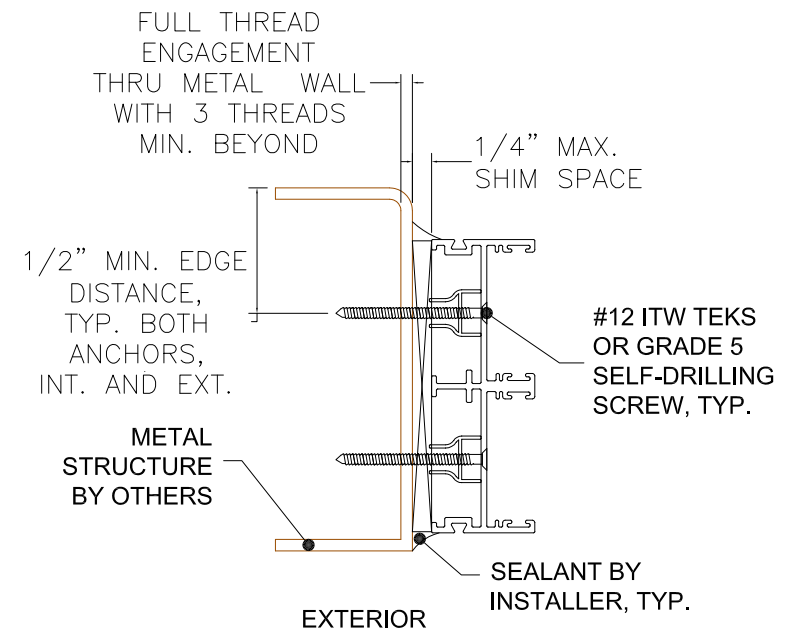
DESIGNED	DATED	PRODUCT NAME	
DRAWN J.ORTIZ	12/11/2024	SLIDING DOOR HP LD AIR	
CHECK F.MORALES	12/11/2024		
APPRV. L.MEGWINOFF	12/11/2024		
REVISION		DRW.#: FPA-SGD-AIR	PAGE 3 OF 8
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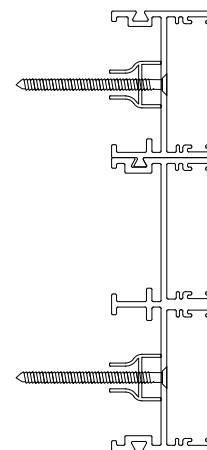
TYPICAL JAMB INSTALLATION
CONCRETE/MASONRY INSTALLATION



TYPICAL JAMB INSTALLATION
WOOD FRAMING OR 2X BUCK INSTALLATION



TYPICAL JAMB INSTALLATION
METAL STRUCTURE INSTALLATION

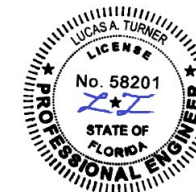


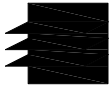
TYPICAL 3-TRACK JAMB ANCHOR LOCATIONS
FOR ALL OTHER INSTALLATION REQUIREMENTS
SEE 2-TRACK DETAILS ABOVE

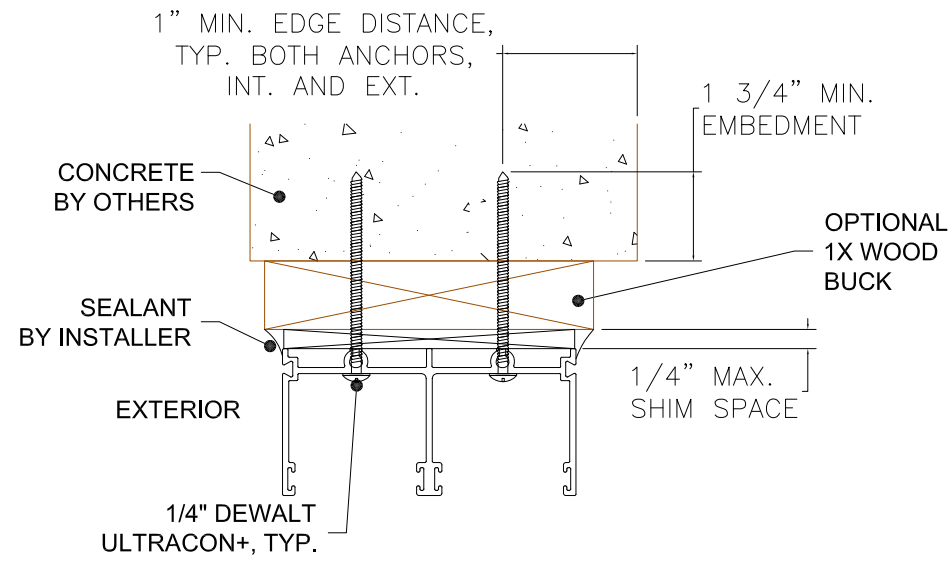
GENERAL ANCHOR NOTES:

1. INSTALL ANCHORS AS INDICATED IN DETAILS ON THIS SHEET AT EACH LOCATION SHOWN IN SHEET 6.
2. INSTALL SHIMS AT EACH ANCHOR LOCATION WHERE A GAP OF 1/16" OR GREATER EXISTS BETWEEN PRODUCT FRAME AND SUBSTRATE.
3. SHIMS SHALL BE LOAD-BEARING (PLASTIC OR METALLIC) AND CAPABLE OF TRANSFERRING LOADS TO SUBSTRATE.
4. SPECIFIED ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL FINISH OR STUCCO, BY OTHERS.
5. MINIMUM CENTER-TO-CENTER DISTANCE OF ALL INSTALL FASTENERS AT HEAD/SILL IS 4", AND AT JAMBS IS 1-1/2"

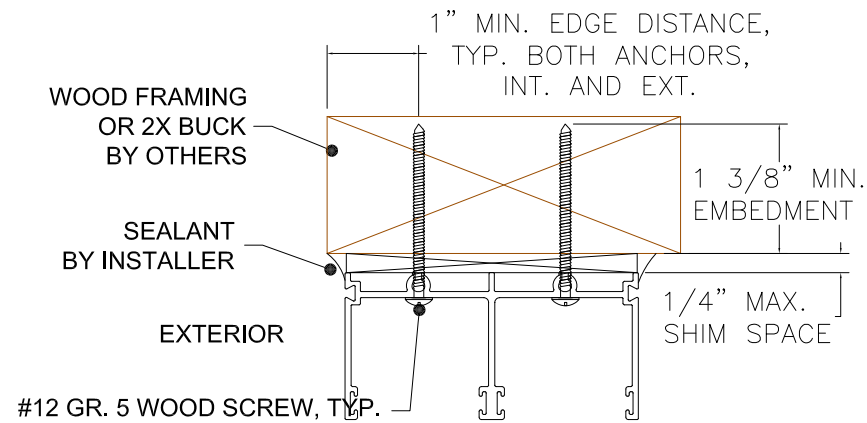
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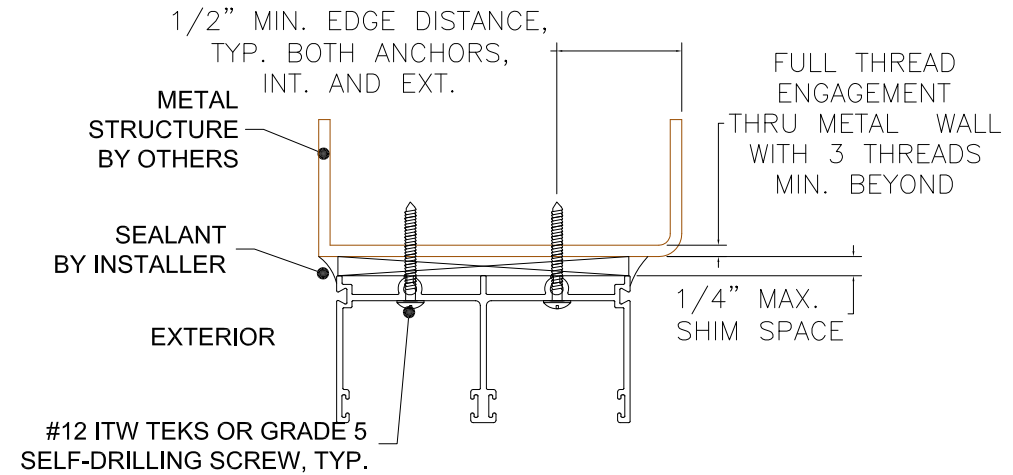
 AIR MASTER windows and doors P.O. Box 2097 Barceloneta, P.R. 00617, TEL. (787) 623-1800, www.airmasterpr.com		PRODUCT NAME	
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DESIGNED	DATED		
DRAWN J.ORTIZ	12/11/2024		
CHECK F.MORALES	12/11/2024		
APPRV. L.MEGWINOFF	12/11/2024	REVISION	
C	10/13/2026		
DRW.#: FPA-SGD-AIR		PAGE 4 OF 8	



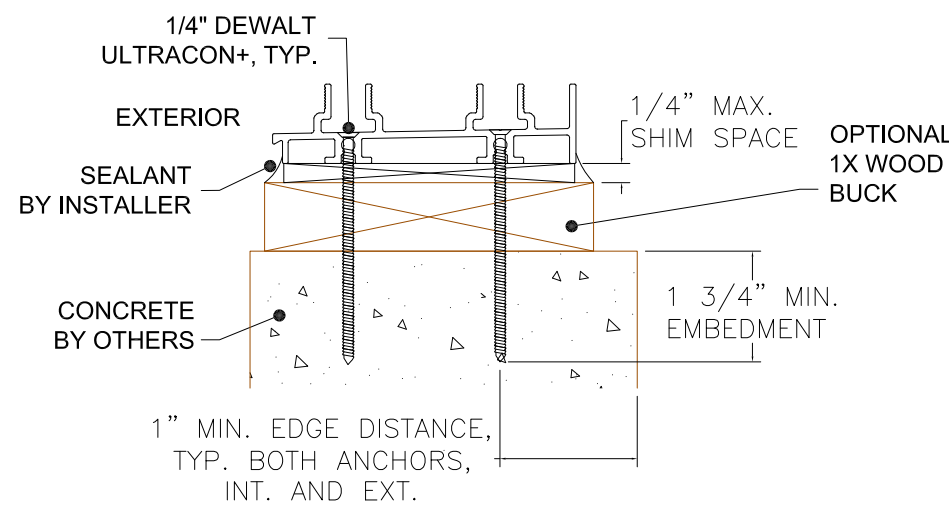
TYPICAL HEAD INSTALLATION
CONCRETE INSTALLATION



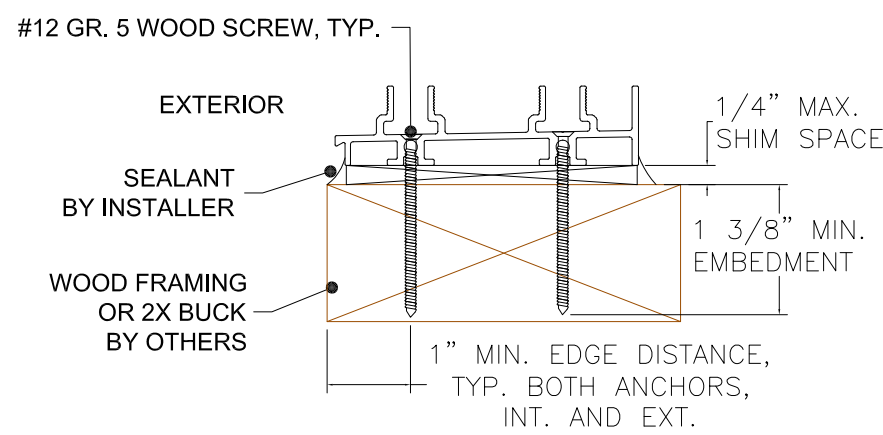
TYPICAL HEAD INSTALLATION
WOOD FRAMING OR 2X BUCK INSTALLATION



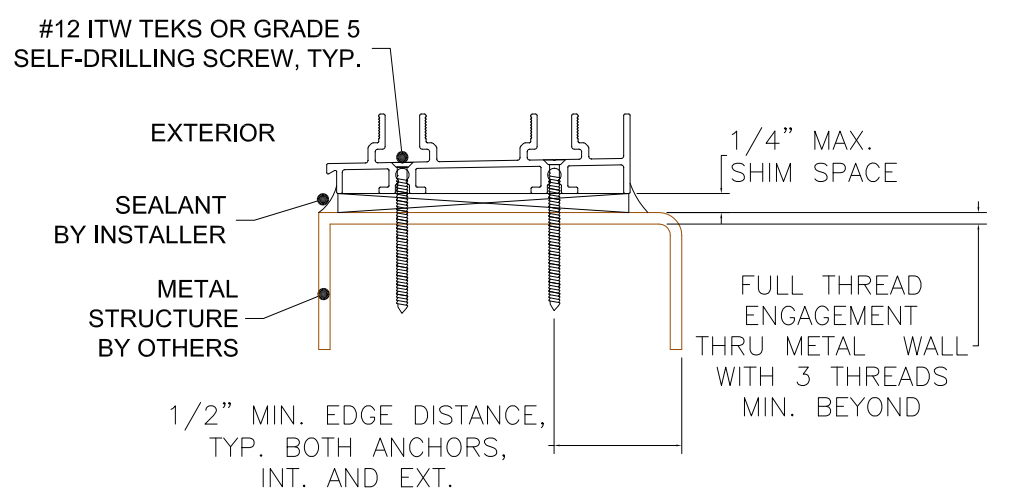
TYPICAL HEAD INSTALLATION
METAL STRUCTURE INSTALLATION



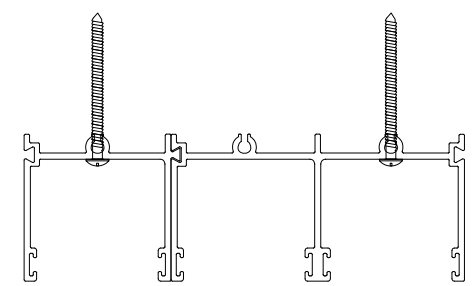
TYPICAL SILL INSTALLATION
CONCRETE INSTALLATION



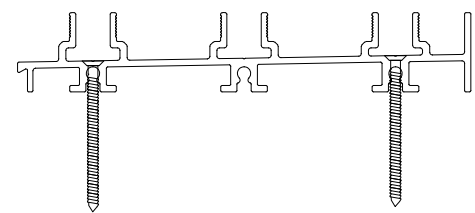
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WOOD FRAMING OR 2X BUCK INSTALLATION



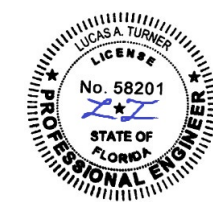
TYPICAL SILL INSTALLATION
METAL STRUCTURE INSTALLATION



TYPICAL 3-TRACK HEAD ANCHOR LOCATIONS
FOR ALL OTHER INSTALLATION REQUIREMENTS
SEE 2-TRACK DETAILS ABOVE

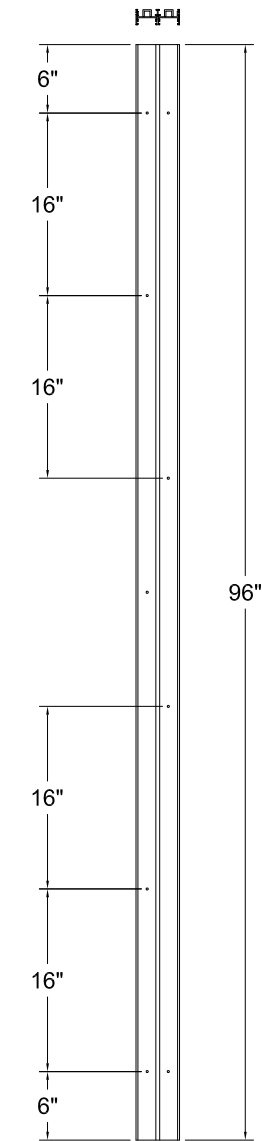


TYPICAL 3-TRACK SILL ANCHOR LOCATIONS
FOR ALL OTHER INSTALLATION REQUIREMENTS
SEE 2-TRACK DETAILS ABOVE

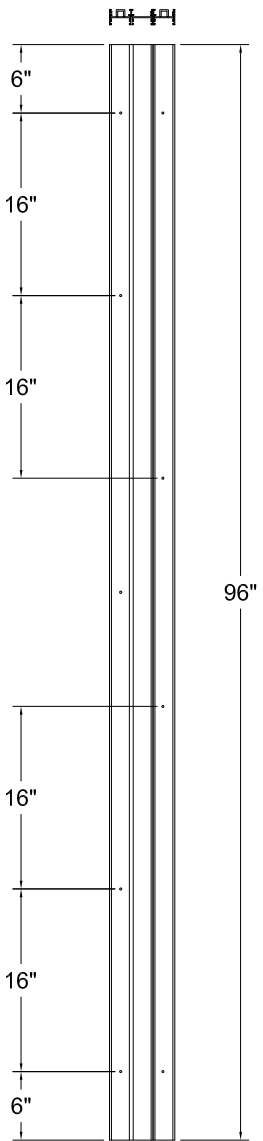


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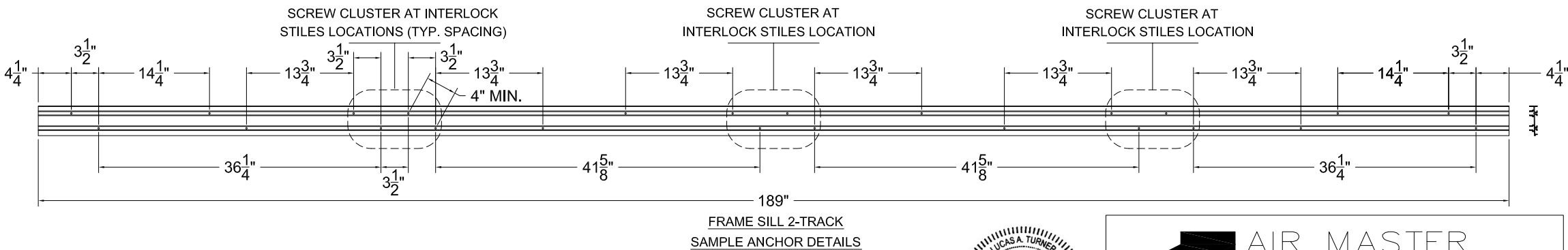
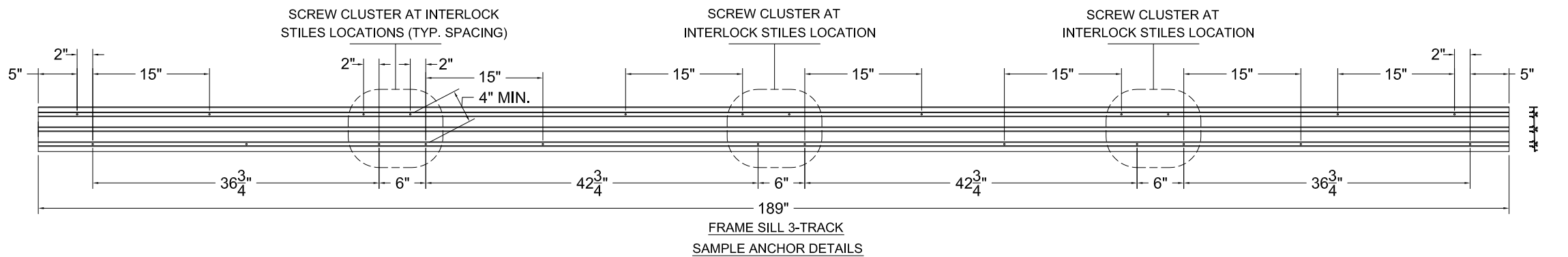
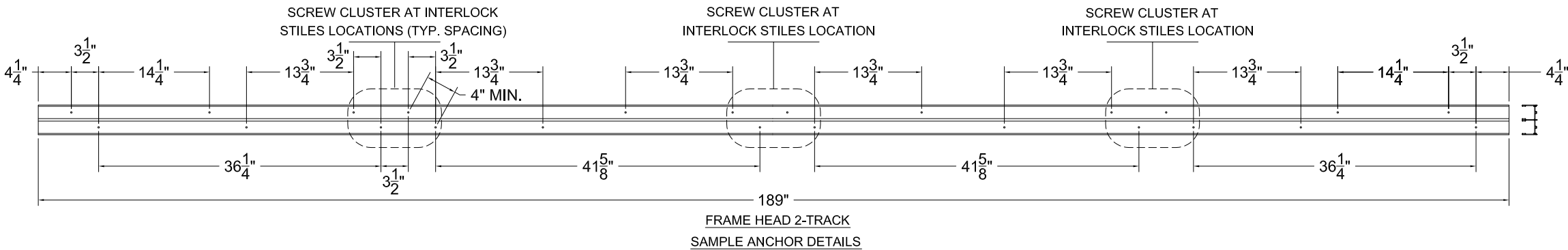
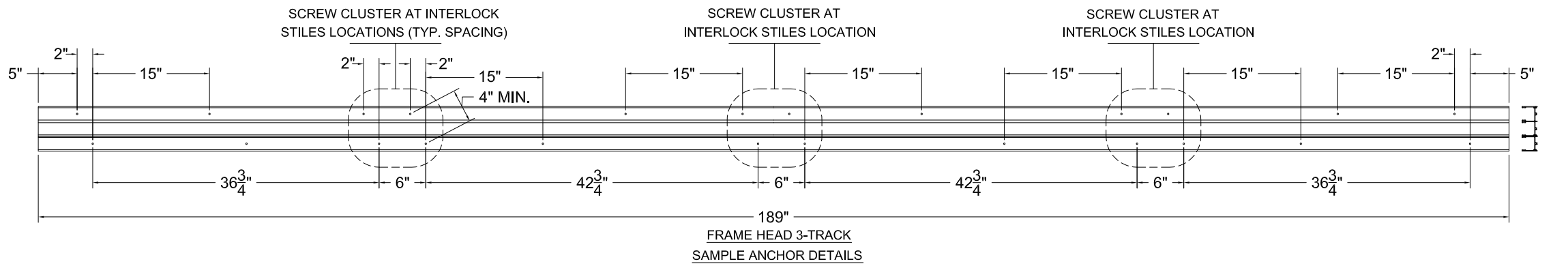
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DRAWN J.ORTIZ		12/11/2024		SLIDING DOOR HP LD AIR	
CHECK F.MORALES		12/11/2024			
APPRV. L.MEGWINOFF		12/11/2024			
REVISION					
C		10/13/2026		DRW.#: FPA-SGD-AIR	PAGE 5 OF 8



FRAME JAMB 2-TRACK
SAMPLE ANCHOR DETAILS



FRAME JAMB 3-TRACK
SAMPLE ANCHOR DETAILS

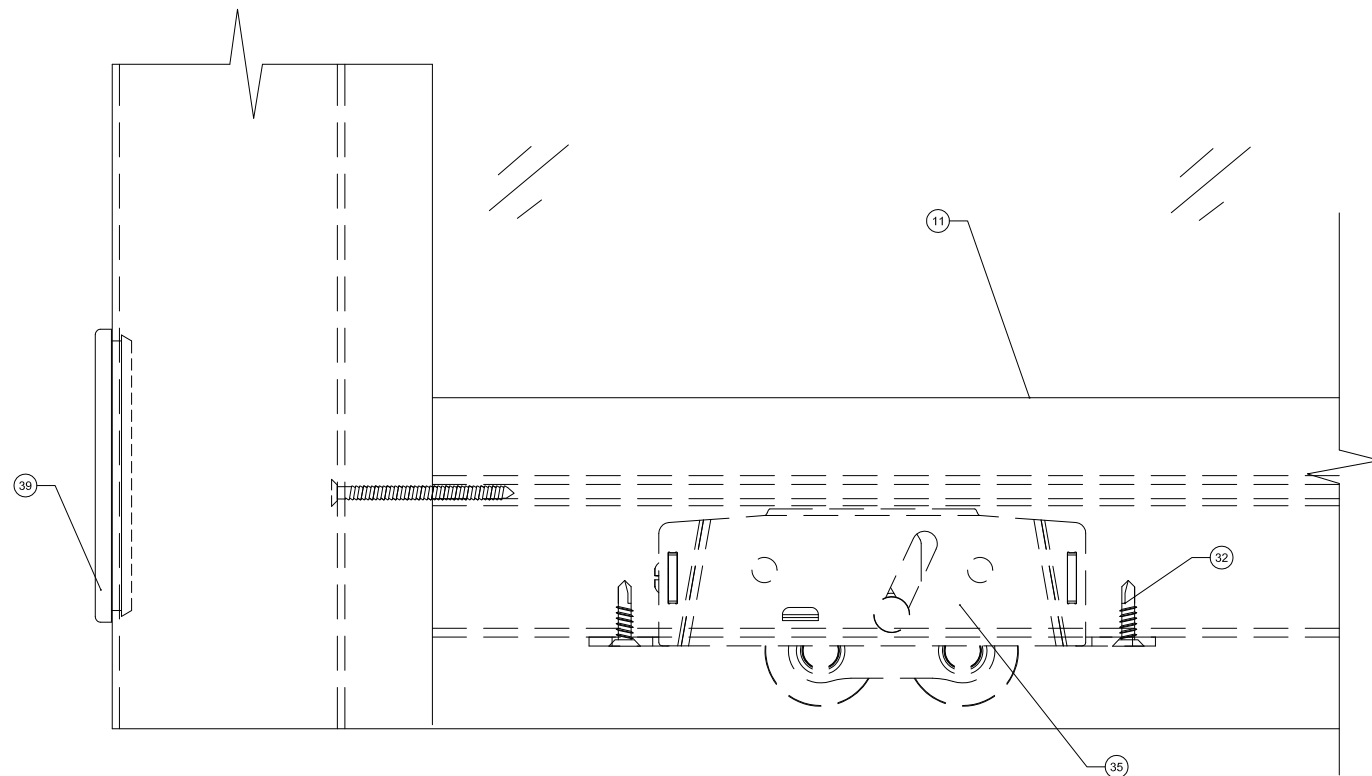
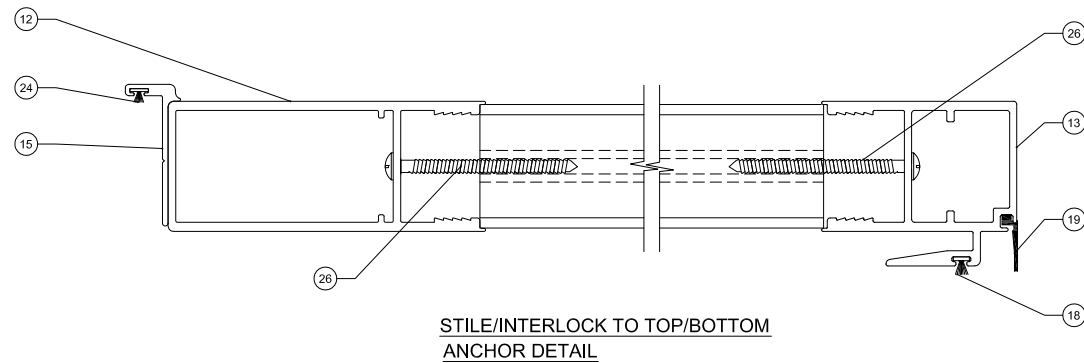
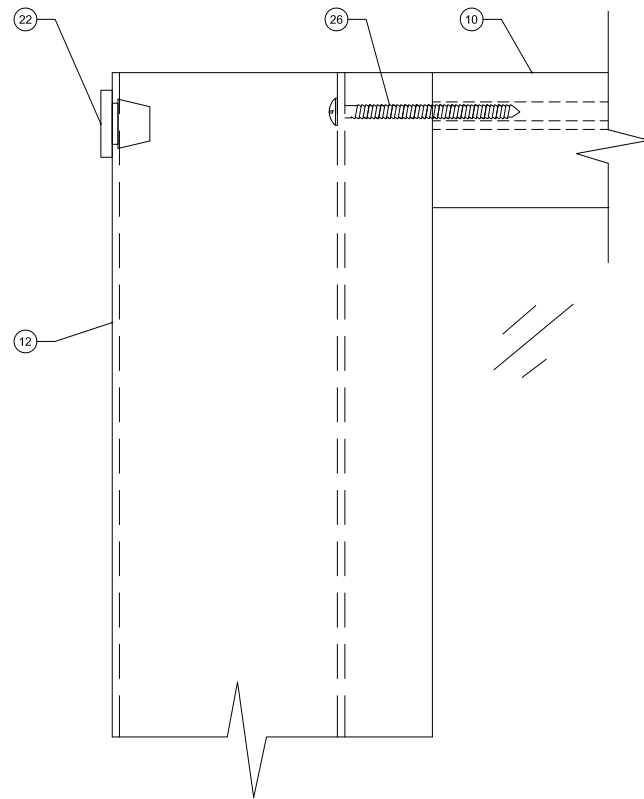


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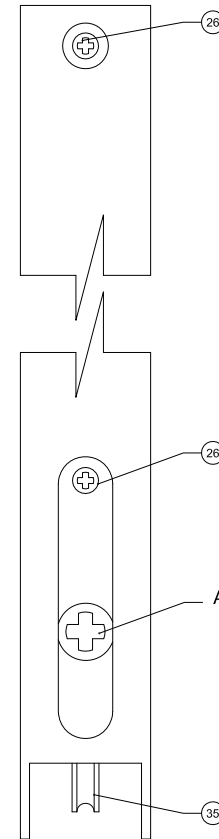


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DESIGNED		DATED	PRODUCT NAME	
DRAWN	J.ORTIZ	12/11/2024	SLIDING DOOR HP LD AIR	
CHECK	F.MORALES	12/11/2024		
APPRV.	LMEGWINOFF	12/11/2024		
REVISION				
C		10/13/2026	DRW.#: FPA-SGD-AIR	PAGE 6 OF 8

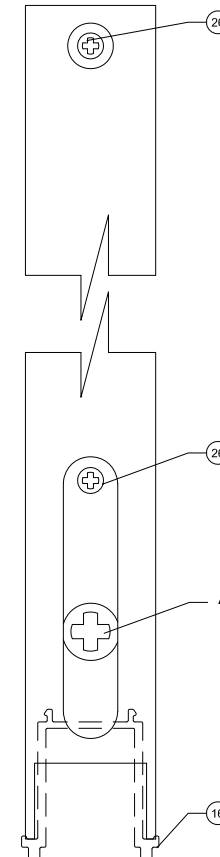


ROLLERS ANCHOR DETAIL



TANDEM ROLLERS ANCHOR DETAIL

SIDE VIEW

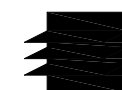
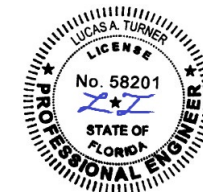


FIX PANEL ADAPTER DETAIL

SIDE VIEW

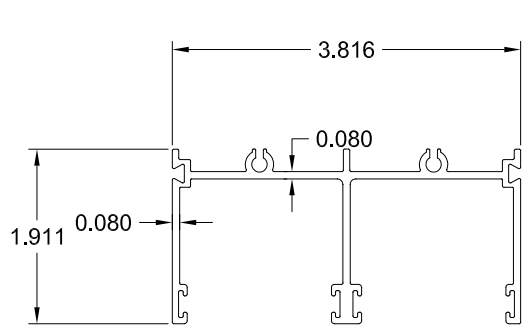
ADJUSTING SCREW

ADJUSTING SCREW

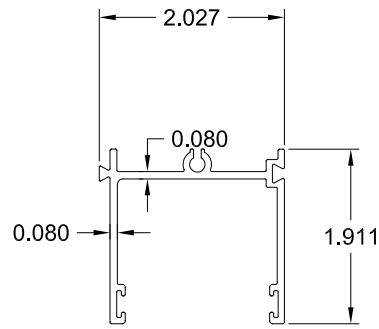


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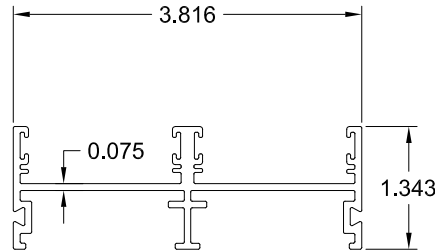
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CHECK F.MORALES	12/11/2024		
APPRV. L.MEGWINOFF	12/11/2024		
REVISION		DRW.#: FPA-SGD-AIR	PAGE 7 OF 8
C	10/13/2026		



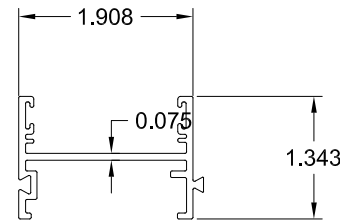
1. FRAME HEAD



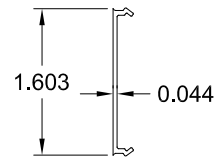
2. FRAME HEAD ADAPTER



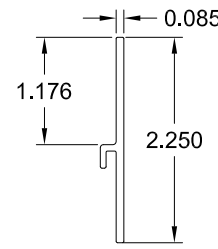
3. FRAME JAMB



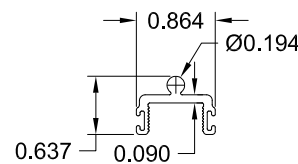
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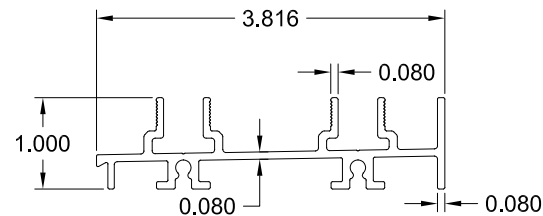
5. SCREW CAP



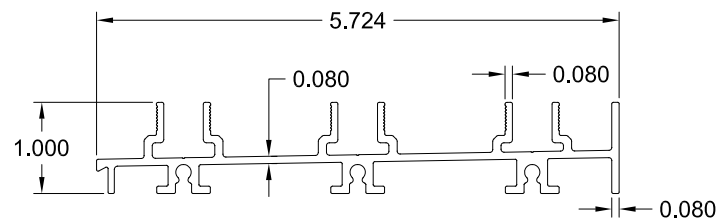
6. SPLIT RAISER



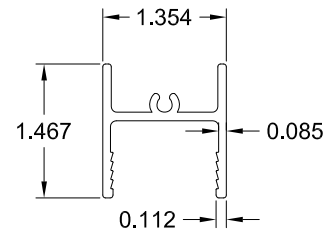
7. SILL ROLLER ADAPTER



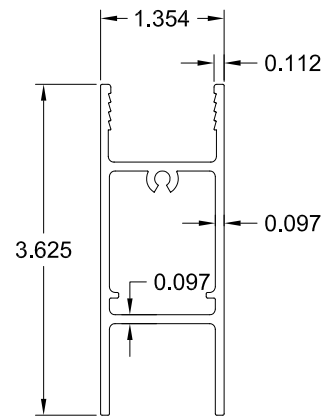
8. SILL TRACK XX



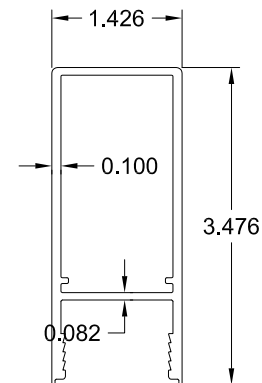
9. SILL TRACK XXX



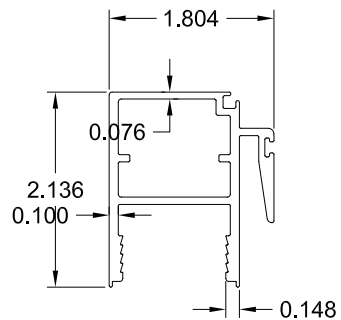
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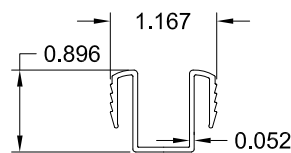
11. BOTTOM RAIL



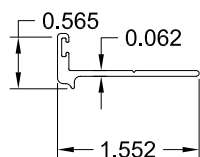
12. LOCK STILE



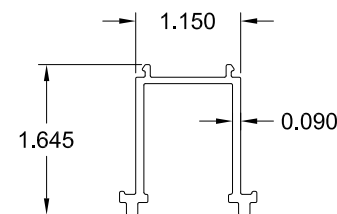
13. INTERLOCK STILE



14. GLASS ADAPTER

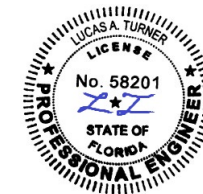


15. ASTRAGAL



16. ADAPTER FIXED PANEL

ITEM #	PART #	DESCRIPTION	NOTES
EXTRUSIONS			
1	80600	FRAME HEAD	6063-T5
2	80601	FRAME HEAD ADAPTER	6063-T5
3	80605	FRAME JAMB	6063-T5
4	80606	FRAME JAMB ADAPTER	6063-T5
5	80615	SCREW CAP	6063-T5
6	80638	SPLIT SILL RAISER	6063-T5
7	80648	SILL ROLLER ADAPTER	6063-T5
8	80645	SILL TRACK XX	6063-T5
9	80646	SILL TRACK XXX	6063-T5
10	80607	TOP RAIL	6063-T5
11	80644	BOTTOM RAIL	6063-T5
12	80630	LOCK STILE	6063-T5
13	80610	INTERLOCK STILE	6063-T5
14	80614	GLASS ADAPTER	6063-T5
15	80616	ASTRAGAL ADAPTER	6063-T5
16	80632	ADAPTER FIXED PANEL	6063-T5
GLASS			
17		$\frac{7}{16}'' = \frac{1}{4}''\text{HS} / 0.090''\text{PVB} / \frac{5}{32}''\text{HS}$	
SEALS & SEALANTS			
18	22438	WEATHERSTRIP	
19	96933	RUBBER SEAL	
20	96825	WEATHERSTRIP	
21	53580	STRUCTURAL SILICONE	
22	96910	RUBBER BUTTON BUMPER	
23	96900	FBC 2411.3.3.1 SETTING BLOCK	
24	96812	WEATHERSTRIP	
25	96827	WEATHERSTRIP	
FASTENERS			
26	95586	SCR 10*2" PHI P/H S.S. T-A	
27	95543	SCR 10*1" PHI P/H S.S. T-A SMS	
28		INSTALLATION FASTENERS, SEE GEN. NOTES PG 1 AND PGS 4-5	
29			
30			
31	95696	SCR 8 X 1 1/4 FH SELF DRILL SS	
32	94657	#10-32 x $\frac{3}{4}''$ TEK SCREW	
HARDWARE			
33	XXXXX	INTUITION LOCK SET KIT	
34	XXXXX	LOCK KEEPER	
35	XXXXX	ROLLERS	
36	XXXXX	DALLAS HANDLE SET KIT	
SUPLEMENT PARTS			
37	96521	ALUMINUM ANGULAR 2" X 2"	
38	30250	ALUMINUM REINFORCEMENT	
39	96911	OVAL RUBBER BUMPER	



		AIR MASTER windows and doors P.O. Box 2097 Barceloneta, P.R. 00617, TEL. (787) 623-1800, www.airmasterpr.com	
DESIGNED		DATED	PRODUCT NAME
DRAWN	J.ORTIZ	12/11/2024	SLIDING DOOR HP LD AIR
CHECK	F.MORALES	12/11/2024	
APPRV.	L.MEGWINOFF	12/11/2024	
REVISION			
C	10/13/2026	DRW.#: FPA-SGD-AIR	PAGE 8 OF 8