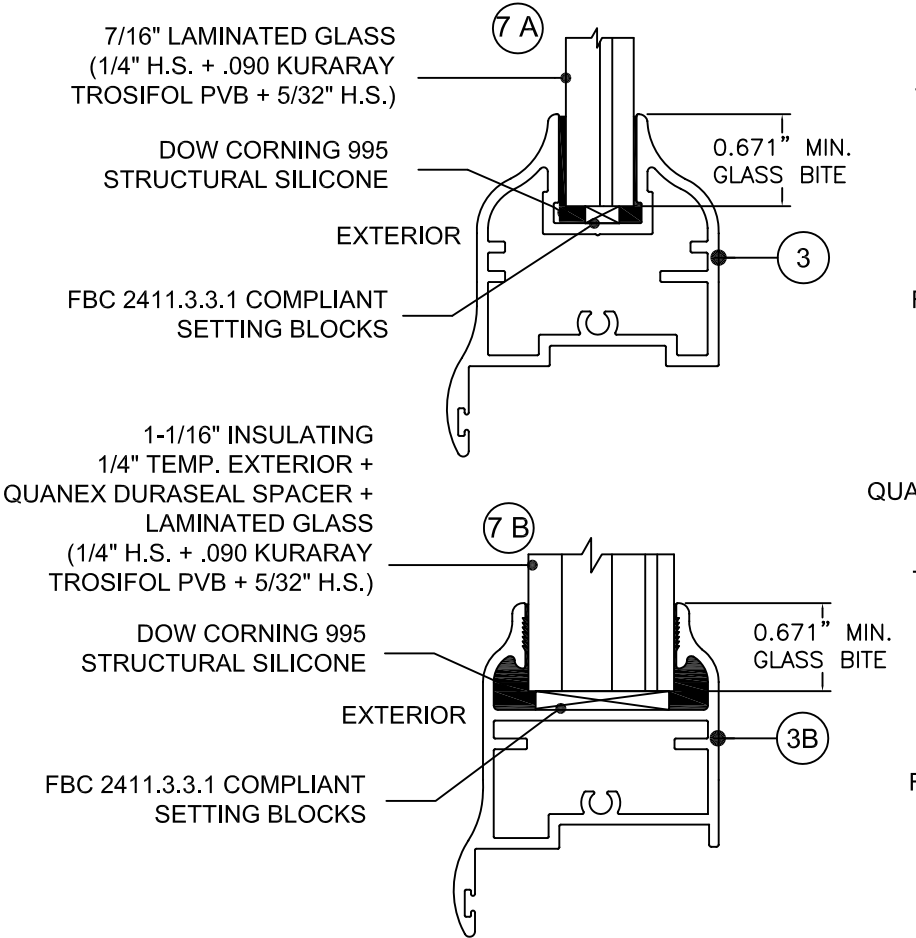


GENERAL NOTES

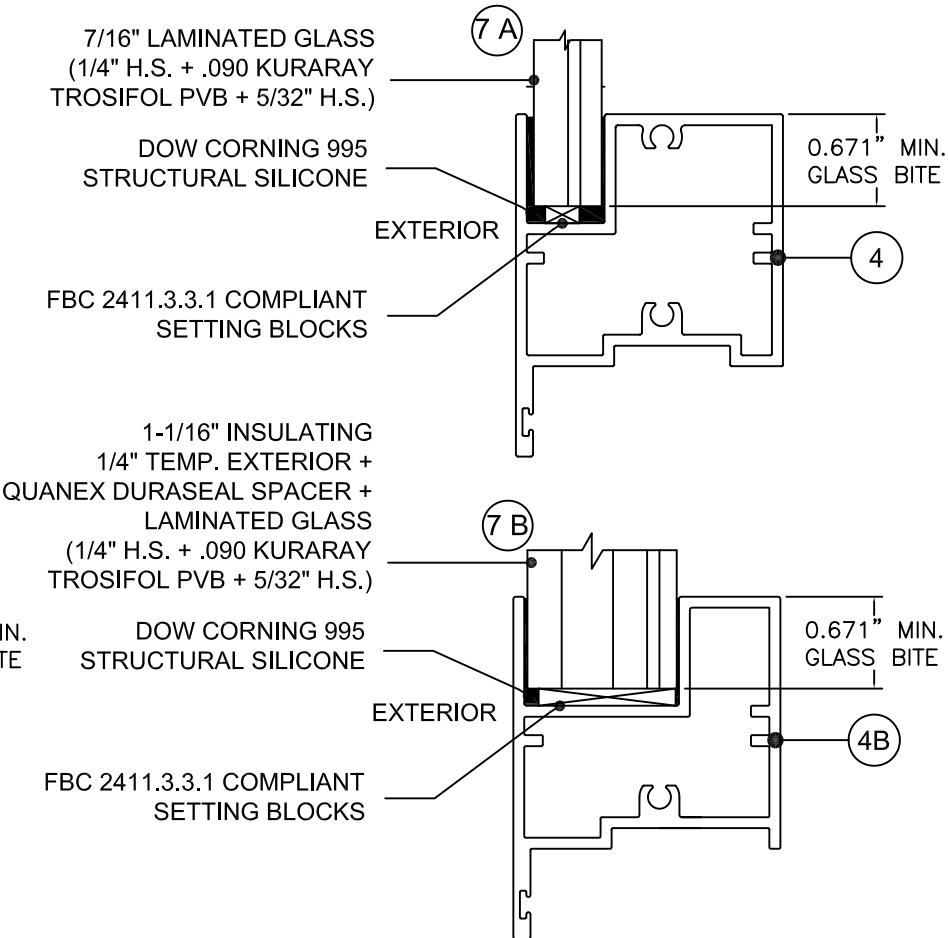
1. THIS PRODUCT, FABRICATED AND ANCHORED AS DETAILED IN THIS DRAWING, IS LARGE MISSILE IMPACT RESISTANT AND DOES NOT REQUIRE THE USE OF IMPACT PROTECTIVE DEVICES (SHUTTERS) IN WINDBORNE DEBRIS REGIONS.
2. THIS PRODUCT HAS BEEN TESTED TO TAS 201/202/203–94, AND MEETS THE REQUIREMENTS OF THE 8TH ED. (2023) FLORIDA BUILDING CODE, INCLUDING THE HIGH VELOCITY HURRICANE ZONE.
3. ALLOWABLE CONFIGURATIONS ARE AS INDICATED HEREIN. BOTH CONTINENTAL SASH AND LINEAL SASH MAY UTILIIZE OPERATOR OR NON–OPERATOR HARDWARE CONFIGURATIONS.
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.
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 OR CRETE–FLEX WITH A 1 3/4” MINIMUM EMBEDMENT AND 1” MINIMUM EDGE DISTANCE INTO SOLID CONCRETE, OR 1 1/4” MINIMUM EMBEDMENT AND 2 1/2” 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 BUILDEX 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 DETAILS, DESIGN PRESSURES
2	INSTALLATION DETAILS, NOTES, THROUGH-FRAME
3	INSTALLATION DETAILS, ELEV., FIN
4	CONTINENTAL OPERATOR ELEVATION, DETAILS
5	CONTINENTAL NON-OPERATOR ELEVATION, DETAILS
6	LINEAL OPERATOR ELEVATION, DETAILS
7	FRAME AND SASH ASSEMBLY DETAILS
8	DIE DRAWINGS, PARTS LIST

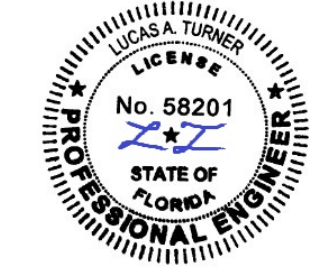


CONTINENTAL SASH TYP. GLAZING
DETAIL OPTIONS



LINEAL SASH TYP. GLAZING
DETAIL OPTIONS

MAX. SIZE	DESIGN PRESSURE RATING	IMPACT RATING
40" X 76"	+/-75 PSF	LARGE AND SMALL MISSILE



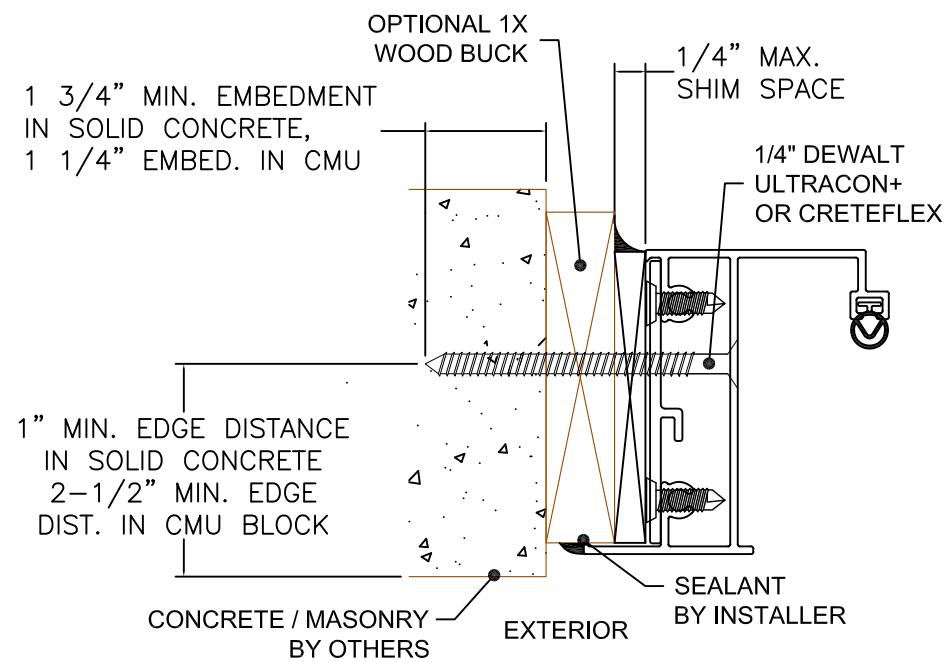
Lucas Turner
2026.09.01
11:05:39
-05'00'

8/29/2026
LUCAS TURNER, FL PE 58201
TURNER ENGINEERING &
CONSULTING, INC.
2428 OLD NATCHEZ TRACE TRL.
CAMDEN, TN, 38320
PH 941-380-1574

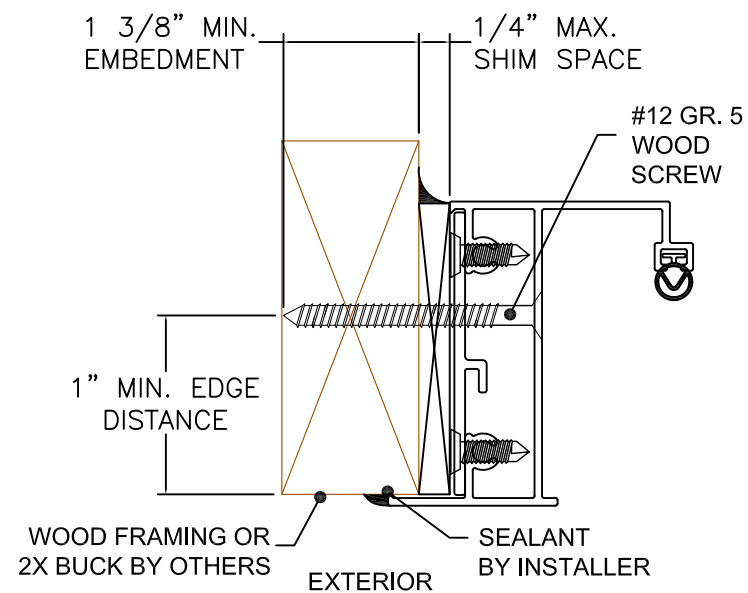


AIR MASTER
windows and doors
P.O. Box 2097 Barceloneta, P.R. 00617,
TEL. (787) 623–1800, www.airmasterpr.com

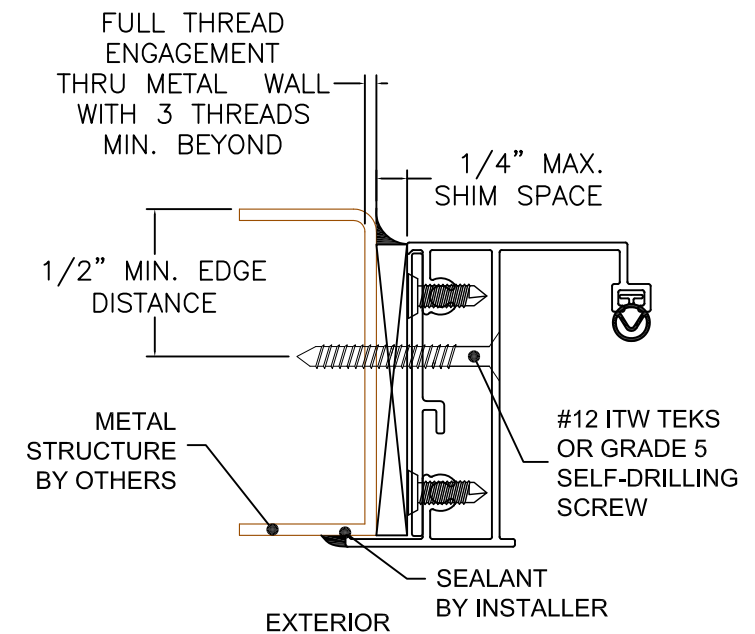
DESIGNED		DATED	PRODUCT NAME	
DRAWN	J. ORTIZ	9-17-2024	CASEMENT WINDOWS CONTINENTAL & LINEAL DESIGN	
CHECK		9-17-2024		
APPRV.	I.MEGWINOFF	9-17-2024		
REVISION				
C		8-29-2026	FL47507 DWG: FPA-AM-CA	1 of 8



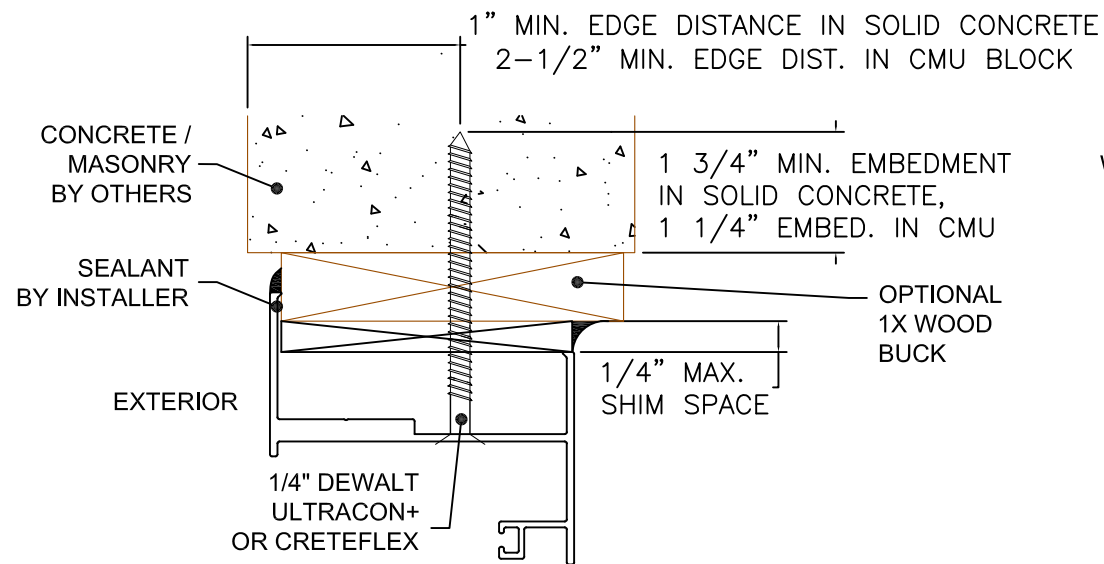
TYPICAL JAMB INSTALLATION
CONCRETE/MASONRY INSTALLATION



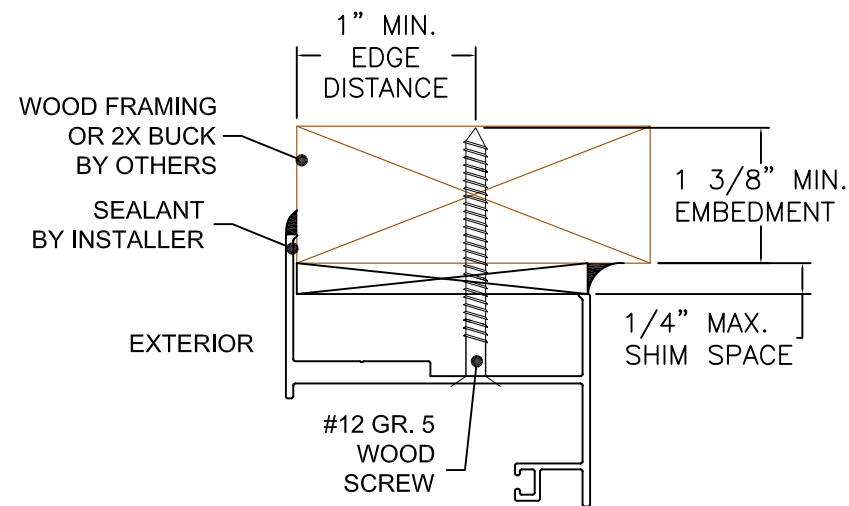
TYPICAL JAMB INSTALLATION
WOOD FRAMING OR 2X BUCK INSTALLATION



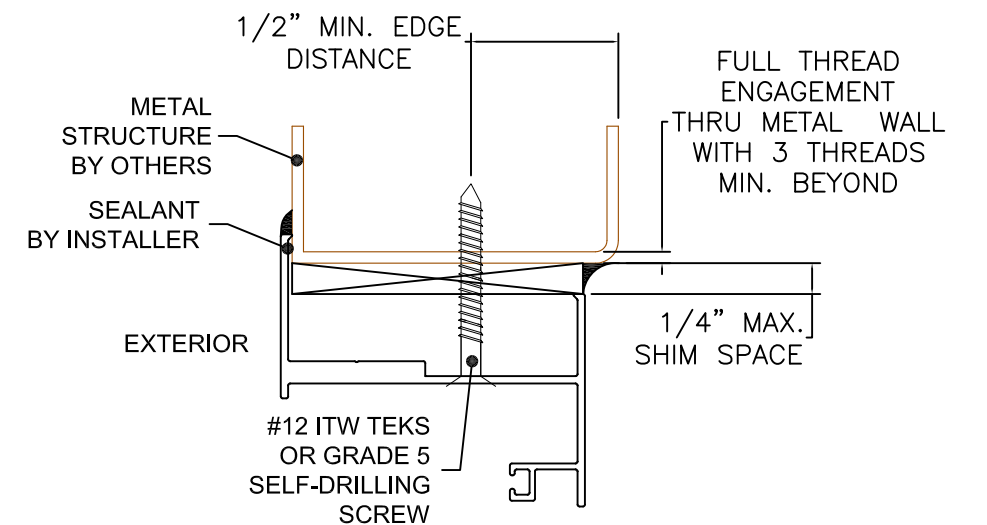
TYPICAL JAMB INSTALLATION
METAL STRUCTURE INSTALLATION



TYPICAL HEAD INSTALLATION
CONCRETE/MASONRY INSTALLATION



TYPICAL HEAD INSTALLATION
WOOD FRAMING OR 2X BUCK INSTALLATION

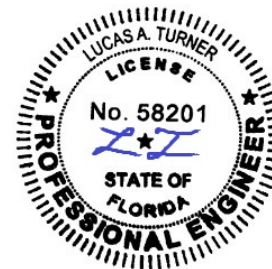


TYPICAL HEAD INSTALLATION
METAL STRUCTURE INSTALLATION

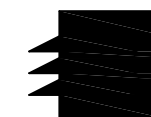
GENERAL ANCHOR NOTES:

1. INSTALL ONE ANCHOR AS INDICATED IN DETAILS ON THIS SHEET AT EACH LOCATION SHOWN IN THE ELEVATIONS ON SHEETS 4 THROUGH 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 IS 4"

**NOTE: NO INSTALLATION
FASTENERS IN SILL**

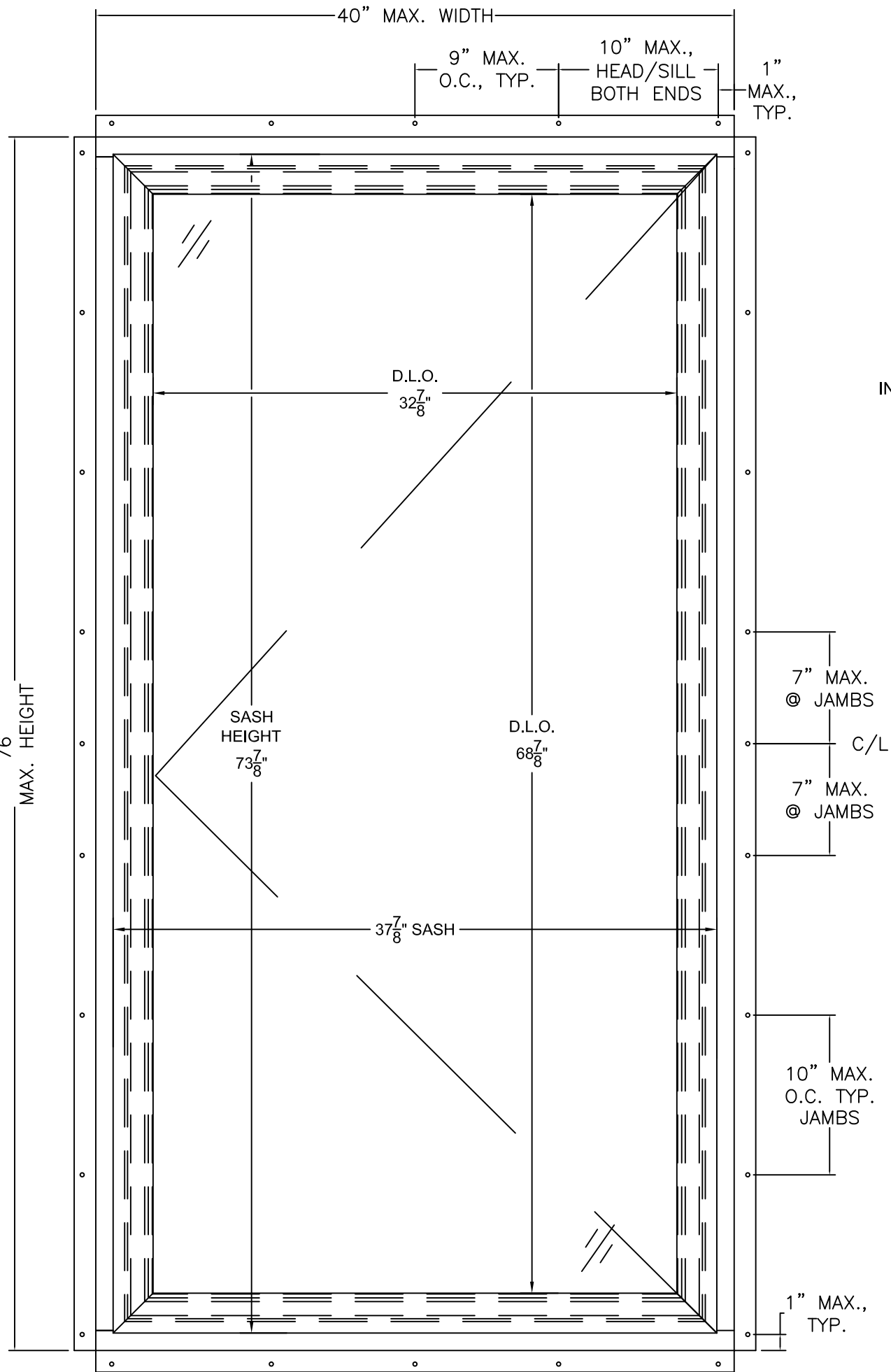


8/29/2026
LUCAS TURNER, FL PE 58201
TURNER ENGINEERING &
CONSULTING, INC.
2428 OLD NATCHEZ TRACE TRL.
CAMDEN, TN, 38320
PH 941-380-1574

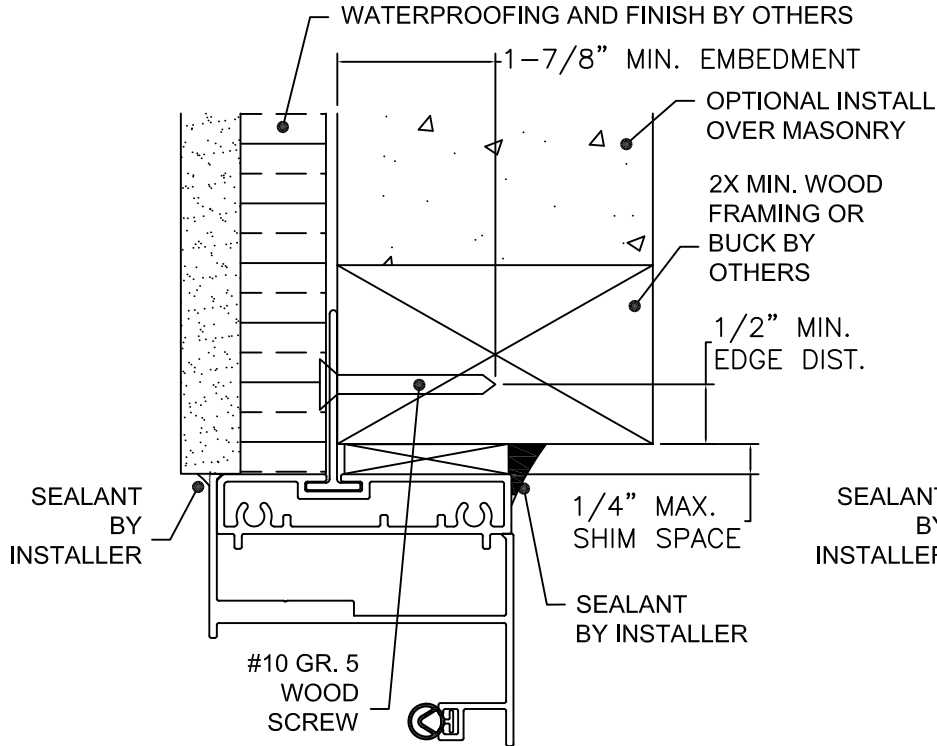


AIR MASTER
windows and doors
P.O. Box 2097 Barceloneta, P.R. 00617,
TEL. (787) 623-1800, www.airmasterpr.com

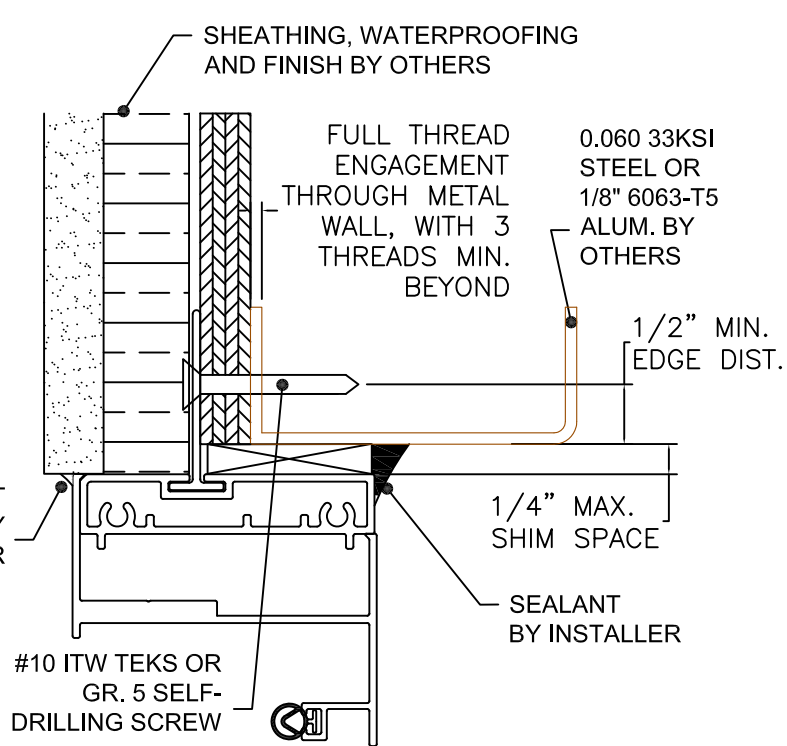
DESIGNED	DATED	PRODUCT NAME	
DRAWN J. ORTIZ	9-17-2024	CASEMENT WINDOWS CONTINENTAL & LINEAL DESIGN	
CHECK	9-17-2024		
APPRV. I.MEGWINOFF	9-17-2024		
REVISION			
C	8-29-2026	FL47507 DWG: FPA-AM-CA	2 of 8



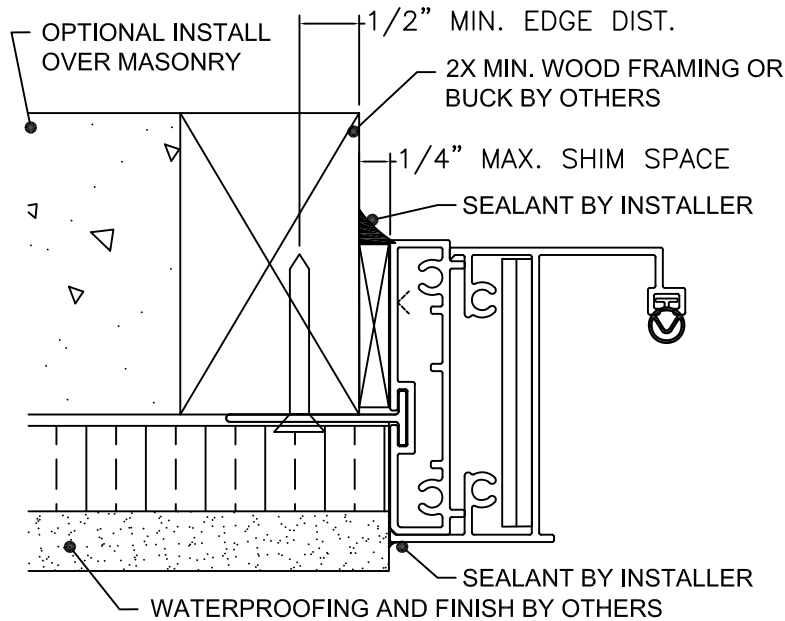
FIN EXTERIOR ELEVATION (APPLICABLE TO ANY SASH / OPERATOR TYPE FOR THIS PRODUCT)



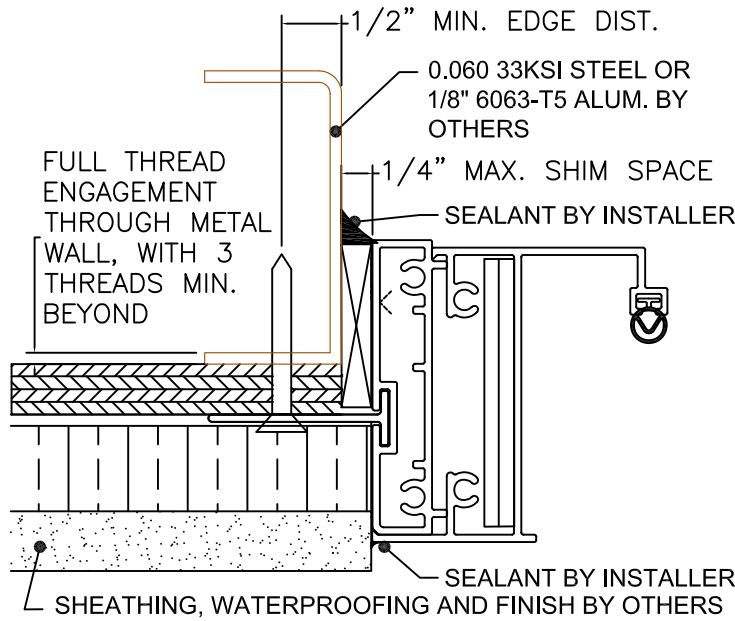
TYPICAL HEAD/SILL INSTALLATION
WOOD FRAMING OR 2X BUCK INSTALLATION



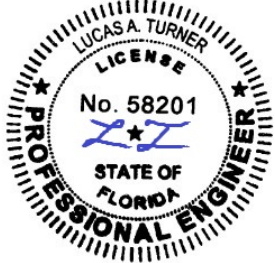
TYPICAL HEAD/SILL INSTALLATION
METAL STRUCTURE INSTALLATION



TYPICAL JAMB INSTALLATION
WOOD FRAMING OR 2X BUCK INSTALLATION

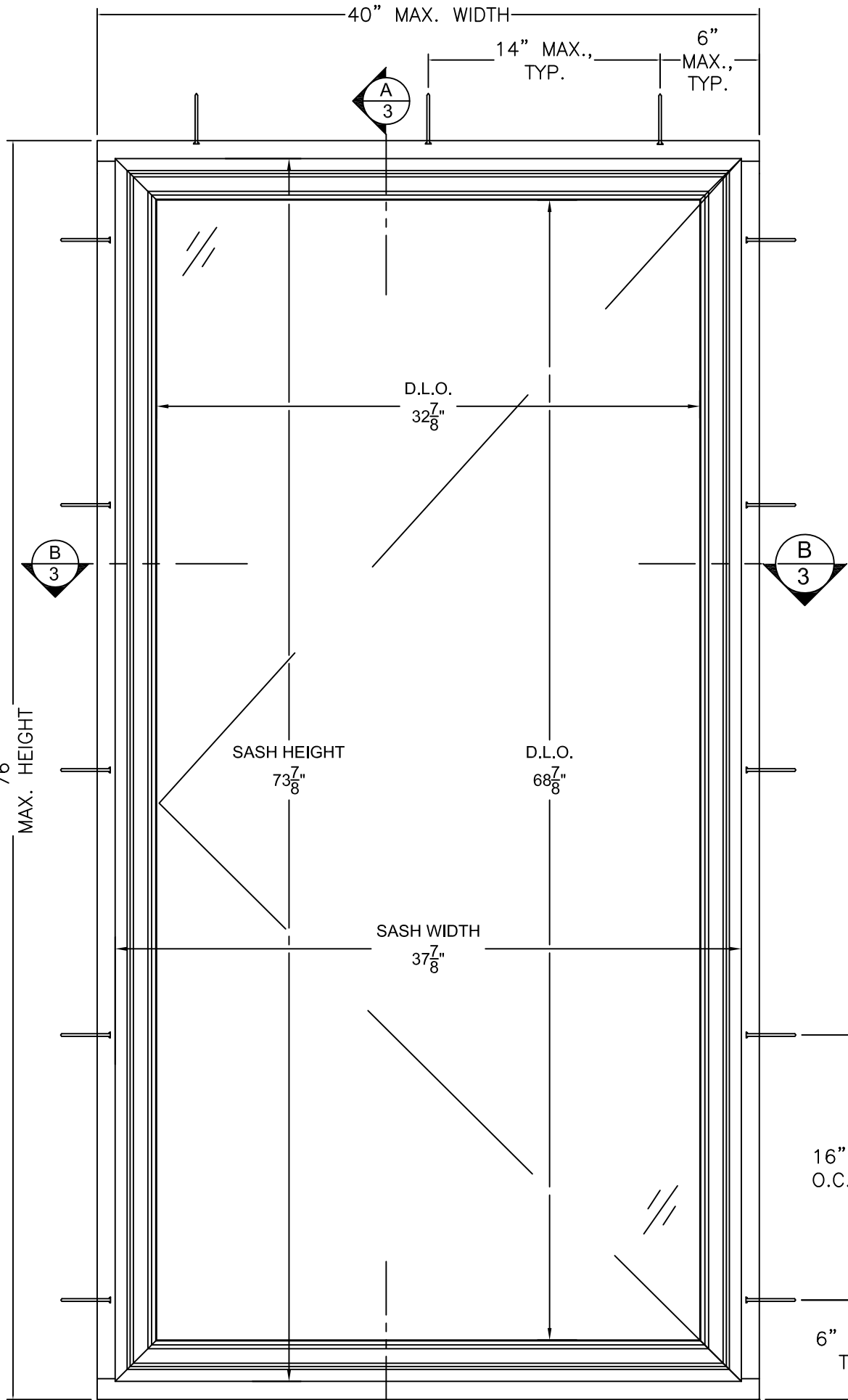


TYPICAL JAMB INSTALLATION
METAL STRUCTURE INSTALLATION

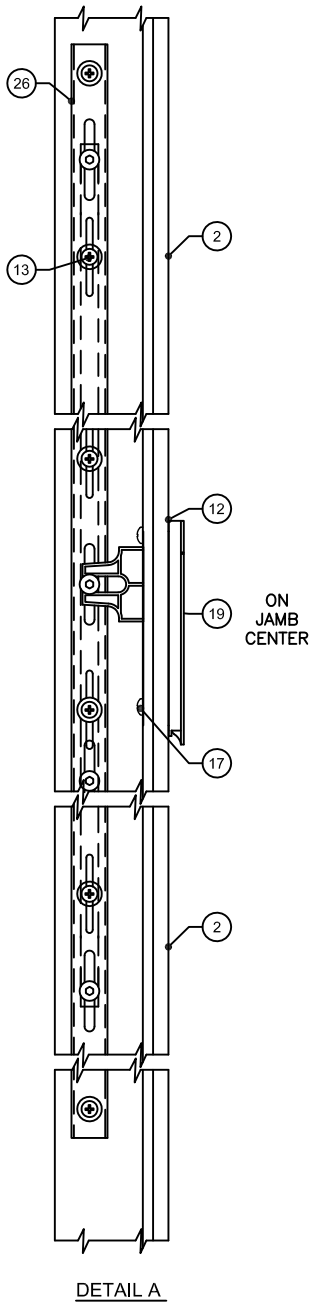


8/29/2026
LUCAS TURNER, FL PE 58201
TURNER ENGINEERING &
CONSULTING, INC.
2428 OLD NATCHEZ TRACE TRL.
CAMDEN, TN, 38320
PH 941-380-1574

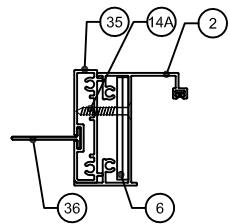
		AIR MASTER	
		windows and doors	
		P.O. Box 2097 Barceloneta, P.R. 00617,	
		TEL. (787) 623-1800, www.airmasterpr.com	
DESIGNED	DATED	PRODUCT NAME	
DRAWN J. ORTIZ	9-17-2024	CASEMENT WINDOWS CONTINENTAL & LINEAL DESIGN	
CHECK	9-17-2024		
APPRV. I.MEGWINOFF	9-17-2024		
REVISION			
C	8-29-2026	FL47508 DWG: FPA-AM-CA	3 of 8



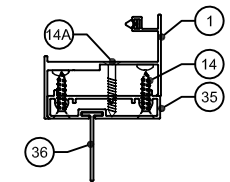
CONTINENTAL EXTERIOR ELEVATION
OPERATOR CASEMENT WINDOW



DETAIL A

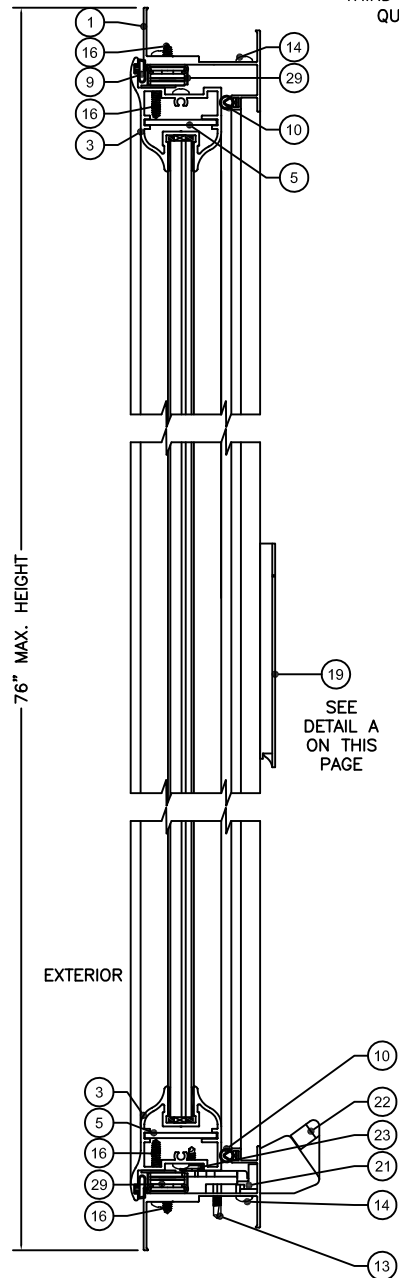


OPTIONAL FIN JAMB



OPTIONAL FIN HEAD/SILL

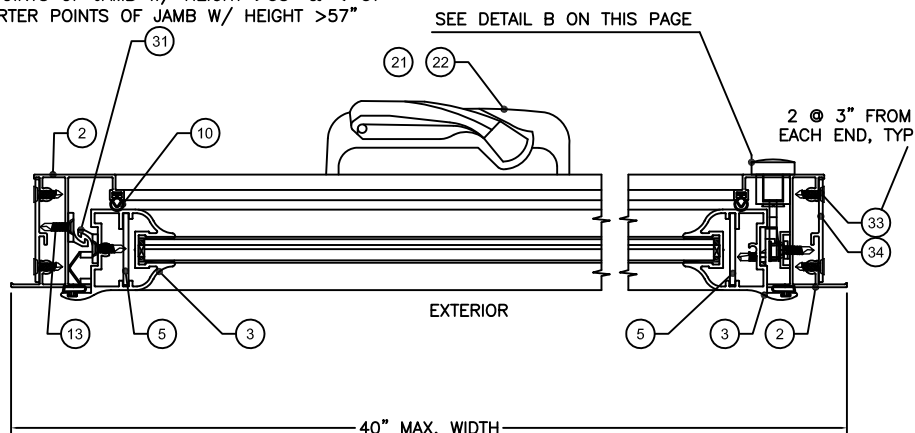
ELEVATION THIS SHEET
ANCHORAGE SHOWN IS
THROUGH-FRAME. FOR FIN
ANCHORAGE SEE SHEET 3



SECTION $\frac{A}{3}$

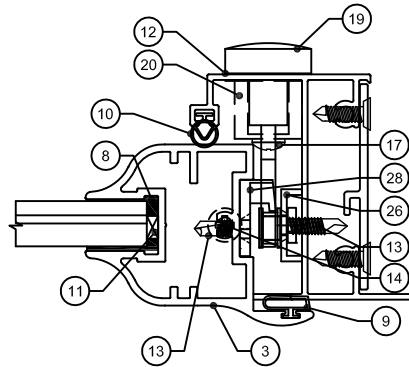
OPERATOR CASEMENT CONTINENTAL WINDOW

SNUBBERS 19" MAX. O.C., LOC.:
MIDPOINT OF JAMB W/ HEIGHT $\leq 38"$
THIRD POINTS OF JAMB W/ HEIGHT $> 38"$ & $\leq 57"$
QUARTER POINTS OF JAMB W/ HEIGHT $> 57"$



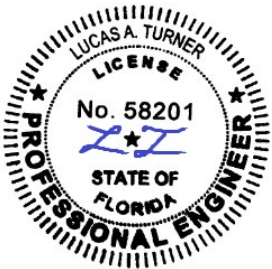
SECTION $\frac{B}{3}$

OPERATOR CASEMENT CONTINENTAL WINDOW



DETAIL B

SECTION VIEWS THIS SHEET SHOW 7/16" GLASS, IG ALSO
ALLOWED, SEE GLAZING DETAIL OPTIONS, SHEET 1

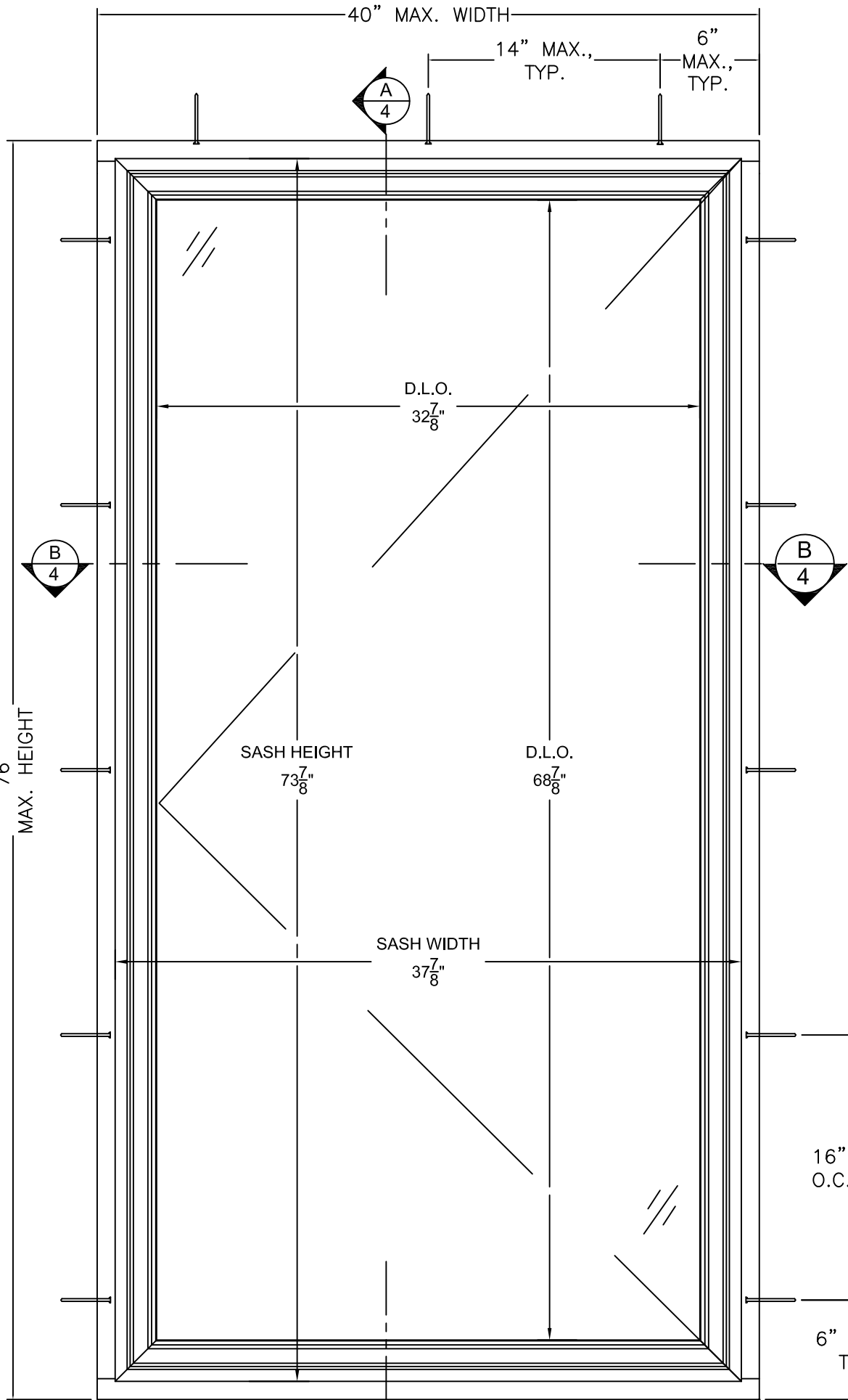


8/29/2026
LUCAS TURNER, FL PE 58201
TURNER ENGINEERING &
CONSULTING, INC.
2428 OLD NATCHEZ TRACE TRL.
CAMDEN, TN, 38320
PH 941-380-1574

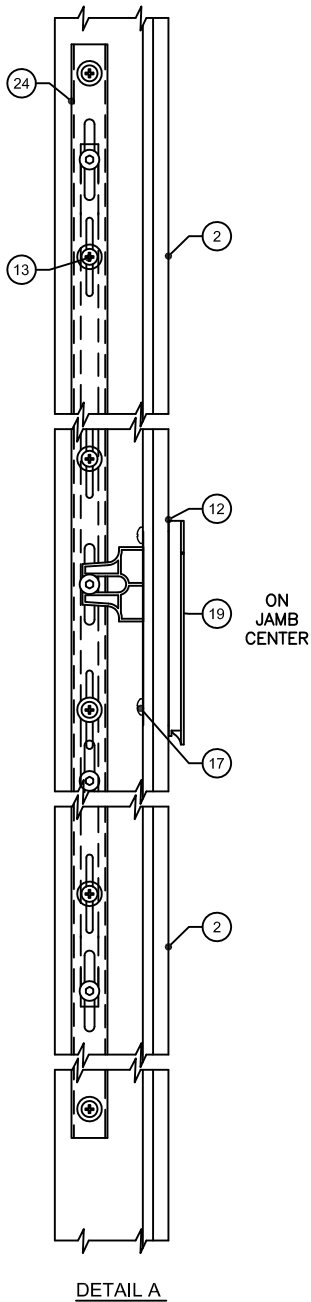


AIR MASTER
windows and doors
P.O. Box 2097 Barceloneta, P.R. 00617,
TEL. (787) 623-1800, www.airmasterpr.com

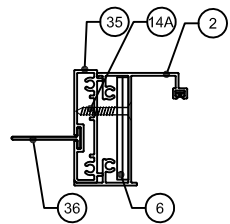
DESIGNED		DATED	PRODUCT NAME	
DRAWN	J. ORTIZ	9-17-2024	CASEMENT WINDOWS CONTINENTAL & LINEAL DESIGN	
CHECK		9-17-2024		
APPRV.	I.MEGWINOFF	9-17-2024		
REVISION				
C		8-29-2026	FL47507 DWG: FPA-AM-CA	4 OF 8



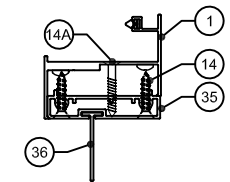
CONTINENTAL EXTERIOR ELEVATION
NON-OPERATOR CASEMENT WINDOW



DETAIL A

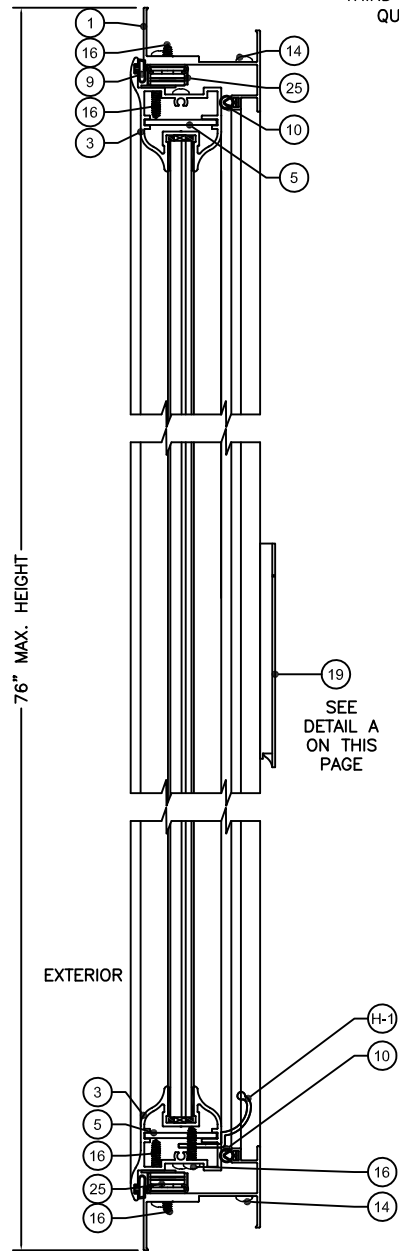


OPTIONAL FIN JAMB



OPTIONAL FIN HEAD/SILL

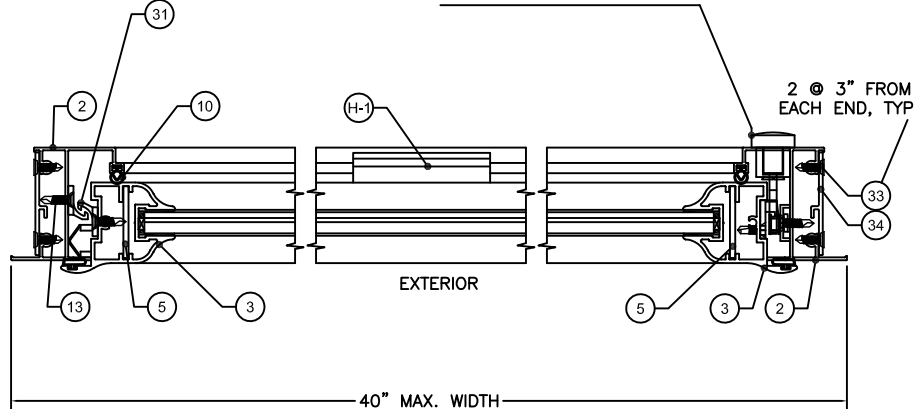
ELEVATION THIS SHEET
ANCHORAGE SHOWN IS
THROUGH-FRAME. FOR FIN
ANCHORAGE SEE SHEET 3



SECTION A
4

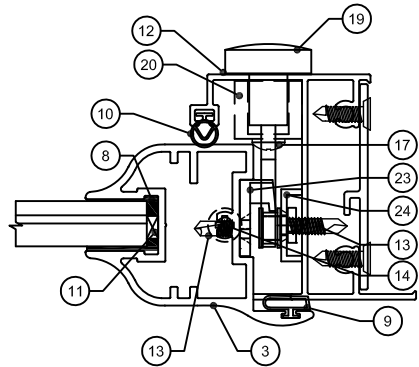
NON-OPERATOR CASEMENT CONTINENTAL WINDOW

SNUBBERS 19" MAX. O.C., LOC.:
MIDPOINT OF JAMB W/ HEIGHT <=38"
THIRD POINTS OF JAMB W/ HEIGHT >38" & <=57"
QUARTER POINTS OF JAMB W/ HEIGHT >57"



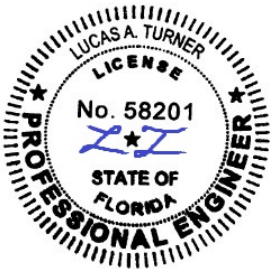
SECTION B
4

NON-OPERATOR CASEMENT CONTINENTAL WINDOW



DETAIL B

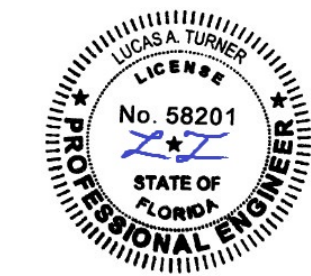
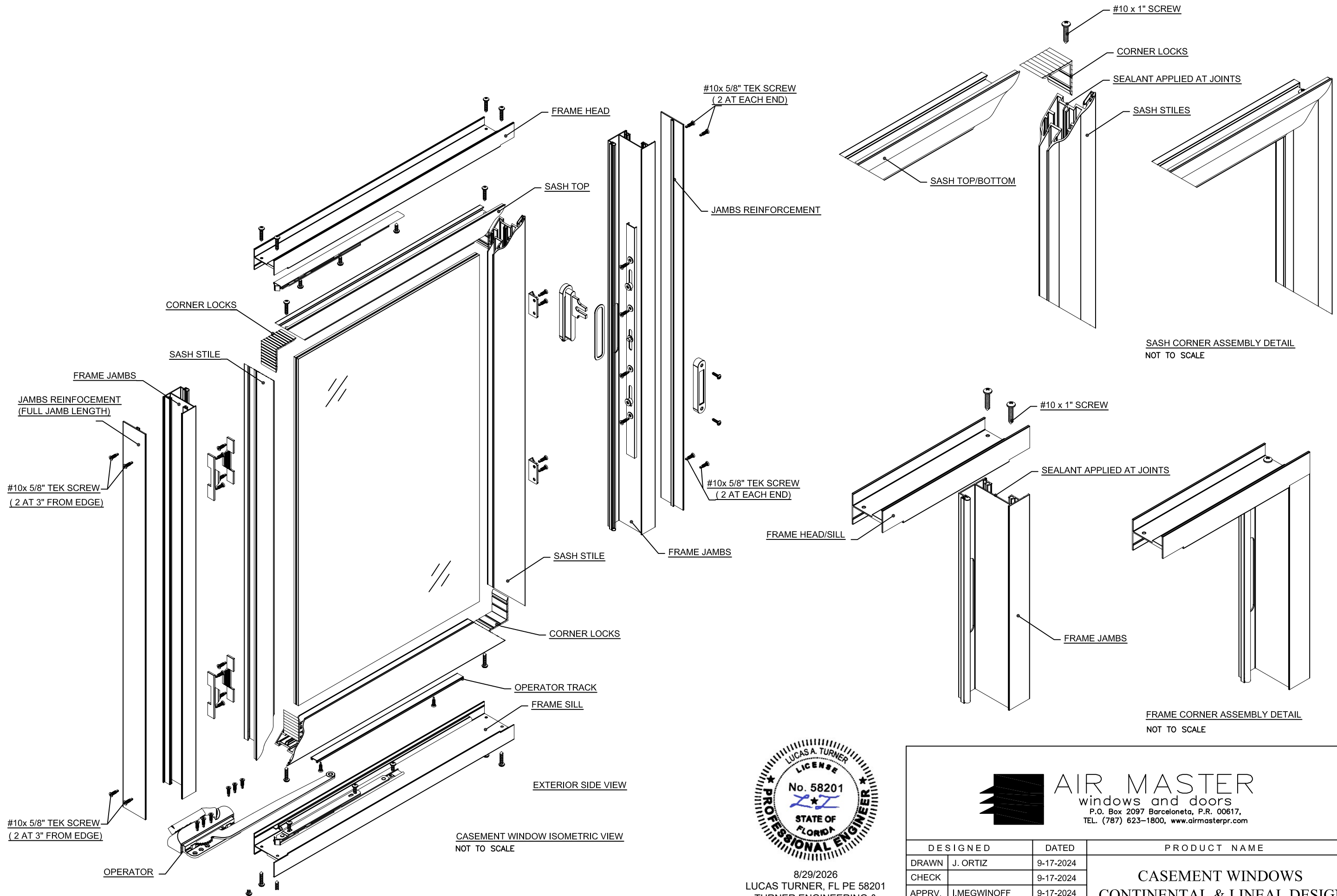
SECTION VIEWS THIS SHEET SHOW 7/16" GLASS, IG ALSO
ALLOWED, SEE GLAZING DETAIL OPTIONS, SHEET 1



8/29/2026
LUCAS TURNER, FL PE 58201
TURNER ENGINEERING &
CONSULTING, INC.
2428 OLD NATCHEZ TRACE TRL.
CAMDEN, TN, 38320
PH 941-380-1574

		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	9-17-2024	CASEMENT WINDOWS CONTINENTAL & LINEAL DESIGN
CHECK		9-17-2024	
APPRV.	I.MEGWINOFF	9-17-2024	
REVISION			
C	8-29-2026	FL47507 DWG: FPA-AM-CA	5 of 8

 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	9-17-2024	CASEMENT WINDOWS CONTINENTAL & LINEAL DESIGN	
CHECK	9-17-2024		
APPRV. I.MEGWINOFF	9-17-2024		
REVISION			
C	8-29-2026	FL47507 DWG: FPA-AM-CA	6 OF 8

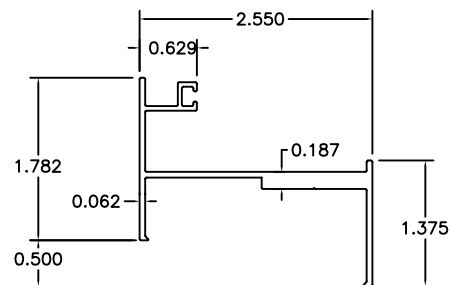


8/29/2026
LUCAS TURNER, FL PE 58201
TURNER ENGINEERING &
CONSULTING, INC.
2428 OLD NATCHEZ TRACE TRL.
CAMDEN, TN, 38320
PH 941-380-1574

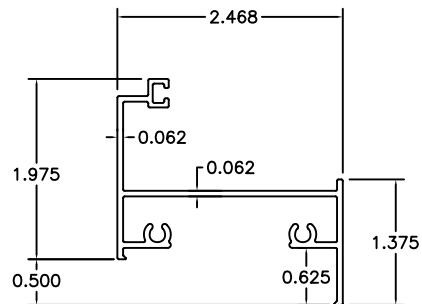


AIR MASTER
windows and doors
P.O. Box 2097 Barceloneta, P.R. 00617,
TEL. (787) 623-1800, www.airmasterpr.com

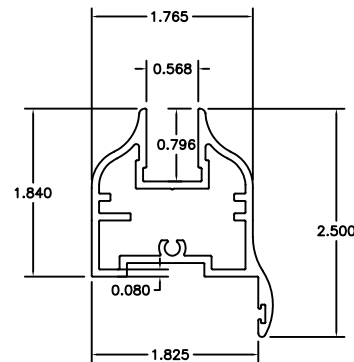
DESIGNED	DATED	PRODUCT NAME		
DRAWN J. ORTIZ	9-17-2024	CASEMENT WINDOWS CONTINENTAL & LINEAL DESIGN		
CHECK	9-17-2024			
APPRV. I.MEGWINOFF	9-17-2024			
REVISION				
C	8-29-2026	FL47507	DWG: FPA-AM-CA	7 OF 8



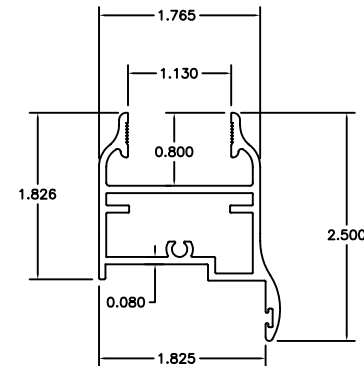
① FRAME HEAD



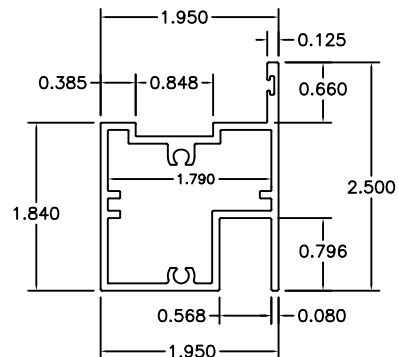
② FRAME JAMB



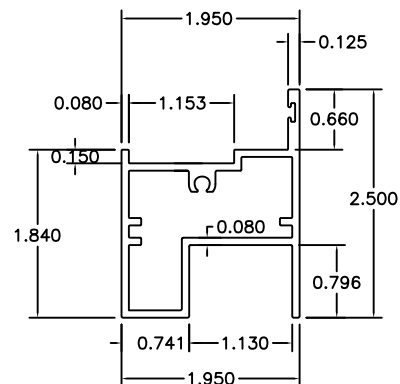
③ CONTINENTAL SASH PERIMETER $\frac{7}{16}$ " GLASS



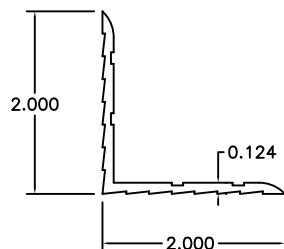
③B CONTINENTAL SASH PERIMETER IG



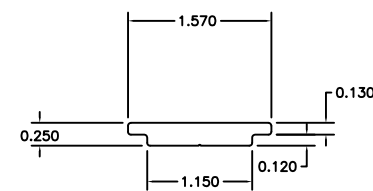
④ LINEAL SASH PERIMETER $\frac{7}{16}$ " GLASS



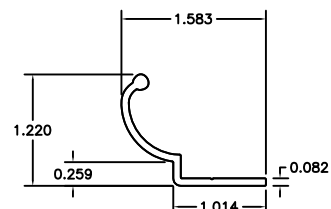
④B LINEAL SASH PERIMETER IG



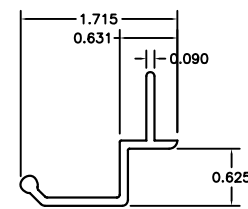
⑤ CORNER LOCK



⑥ REINFORCEMENT PLATE

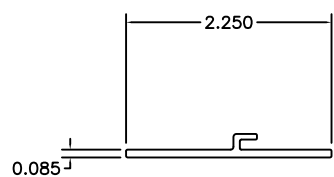


⑥ (H-1) HANDLE CONTINENTAL *

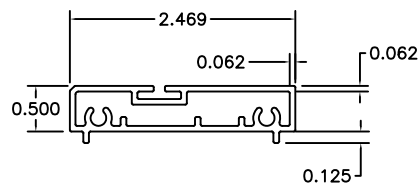


⑥ (H-2) HANDLE LINEAL *

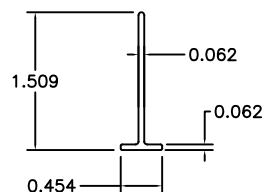
* = FOR NON-OPERATOR WINDOWS



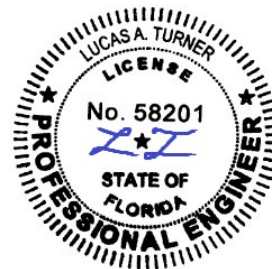
③④ JAMB REINFORCEMENT



③⑤ NAIL FIN SUBFRAME

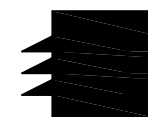


③⑥ NAIL FIN TAB



8/29/2026
LUCAS TURNER, FL PE 58201
TURNER ENGINEERING &
CONSULTING, INC.
2428 OLD NATCHEZ TRACE TRL.
CAMDEN, TN, 38320
PH 941-380-1574

ITEM	PART #	PART DESCRIPTION	NOTES
EXTRUSIONS			
1	76870	FRAME HEAD /SILL W/FLANGE	6063-T5
2	76869	FRAME JAMBS W/FLANGE	6063-T5
3	76834	CONTINENTAL SASH PERIMETER $\frac{7}{16}$ "	6063-T5
3B	76855	CONTINENTAL SASH PERIMTER IG	6063-T5
4	76839	LINEAL SASH PERIMETER $\frac{7}{16}$ "	6063-T5
4B	76856	LINEAL SASH PERIMETER IG	6063-T5
5	11080	CORNER LOCK	6063-T5
6	11085	REINFORCEMENT PLATE	6063-T5
H-1	76824	HANDLE CONTINENTAL	6063-T5
H-2	76842	HANDLE LINEAL	6063-T5
GLASS			
7 A		$\frac{7}{16}$ " = $\frac{1}{4}$ "HS/ 0.090"PVB/ $\frac{5}{32}$ "HS	
7 B		1- $\frac{1}{16}$ " I.G. (1/4" T + 3/8 SPACE + 7/16" LAMI $\frac{1}{4}$ "HS/ 0.090"PVB/ $\frac{5}{32}$ "HS)	
SEALANTS			
8	53580	DC995 STRUCTURAL SILICONE	
9	96980	SASH SEAL CASEMENT (WVC 3174)	
10	32010	FRAME RUBBER SEAL	
11	96900	SETTING BLOCKS	
12	95010	LOCK GASKET	
FASTENERS			
13	95605	SCR 10-16 X 3/4 PHI FH SS TEK	
14	95543	SCR 10 X 1 PHI P/H S/S T-A SMS	
14A	95638	SCR 12 X 1 PHI P/H S/S T-A SMS	
15	95586	SCR 10 X 2 PHI P/H S/S T-A	
16	95588	SCR 10 X $\frac{5}{8}$ " PHI P/H S/S T-A	
17	95607	SCR 10 X 1/2 PH PAN S/ST-A	
18		INSTALLATION FASTENER	
HARDWARE			
19	86840	NOVA CASM LOCK HANDLE WHT	
20	86850	SLIM LOCK BRUSH SEAL RETAINER	
21	96300	ENCORE SINGLE ARM OPER R/H	
22	96306	ENC TANGO HANDLE/COVER RH WHT	
23	96304	CASM OPER TRACK NH 13.8 DL SS	
24	96315	AWNING NARROW OPERATOR - PROJ	
25	96317	MOUNTING BRACKET FOR OPERATOR	
26	76815	MULTIPOINT LOCKING BAR	
27	96303	GASKET FOR SINGLE ARM OPER	
28	86852	KEEPER MP1013-MF REV	
29	43553	FOUR BAR HINGE 16 H/D 301SS E	
30	43550	FOUR BAR HINGE 28" HD 301SS	
31	76750	VECTOR SNUBBER	
32	76800	MULTIPOINT LOCKING BAR	
SUPPLEMENTS			
33	95691	SCR 10-24 x $\frac{5}{8}$ " TEK SS F/H	
34	80638	JAMB REINFORCEMENT	6063- T5
35	22093	NAIL FIN SUBFRAME	6063-T5
36	22083	NAIL FIN TAB	6063-T5



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	9-17-2024	CASEMENT WINDOWS CONTINENTAL & LINEAL DESIGN	
CHECK		9-17-2024		
APPRV.	I.MEGWINOFF	9-17-2024		
REVISION				
C		8-29-2026	FL47507 DWG: FPA-AM-CA	8 of 8