

FRENCH DOOR - IMPACT

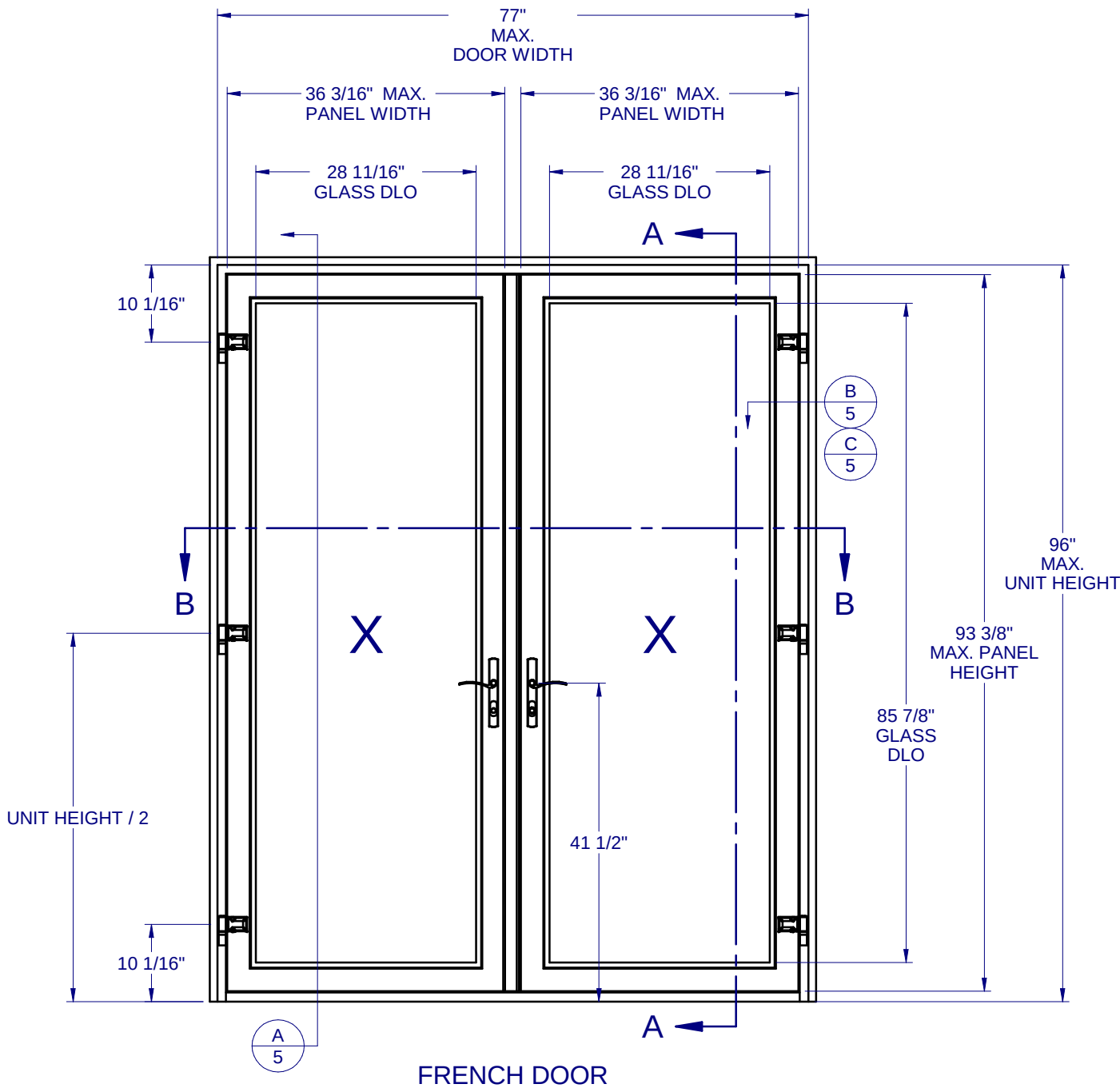


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MAX. UNIT SIZE	DESIGN PRESSURE RATING	IMPACT RATING
77" x 96"	+/-60 PSF	LARGE MISSILE IMPACT

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH FLORIDA BUILDING CODE (FBC), CURRENT EDITION AND IS RATED FOR MISSILE LEVEL D IMPACT USE IN WIND ZONE 3 AREAS AS DEFINED IN ASTM E 1996 PER THE FBC.

THIS PRODUCT MAY NOT BE USED IN THE HIGH VELOCITY HURRICANE ZONE (HVHZ) OR IN WIND ZONE 4 AREAS.

2. GLAZING OPTIONS: (SEE SHEET 2)
3. APPROVED CONFIGURATION: FRENCH DOOR OUTSWING.
4. LOCK OPTIONS:
MULTIPOINT (3 PT.) HANDLE SET @ 41-1/2"
5. DESIGN PRESSURE RATING:
-NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS TABLES ASTM E-1300-04e01/09.
-POSITIVE DESIGN LOADS BASED ON TESTED PRESSURE, WATER INFILTRATION TEST PRESSURE AND GLASS TABLES ASTM E-1300-04e01/09.
6. ANCHORAGE: THE 33 1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. SEE SHEET 5 FOR INSTALLATION DETAIL. WINDLOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
7. PRODUCT APPROVED FOR IMPACT RESISTANCE. SHUTTERS ARE NOT REQUIRED
8. FRAMES AND PANELS ARE MITERED AND THERMALLY WELDED AT EACH CORNER.
9. SECTION CALLOUTS APPLY TO ALL CONFIGURATIONS IN A SIMILAR LOCATION.
10. THE DESIGATION X AND O STAND FOR THE FOLLOWING:
X = OPERABLE SASH, O = FIXED SASH
11. MULTIPOINT LOCKS AND DEADBOLT ON ACTIVE PANEL TO BE ENGAGED PRIOR TO SEVERE WEATHER.
12. MAX. PANEL WIDTHS APPLY TO ALL CONFIGURATIONS, MULLED OR NON-MULLED UNITS.

Lucas Turner
2025.10.21
14:20:13
-05'00'



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SHEET DESCRIPTION:

GENERAL NOTES AND
ELEVATION

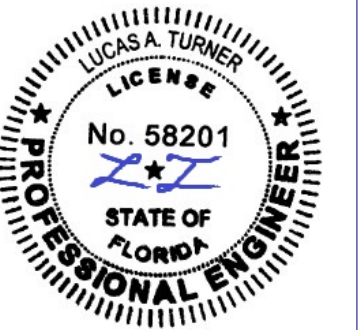
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MCS	10/21/2025
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PEL-1263	-
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1:20	1 OF 5

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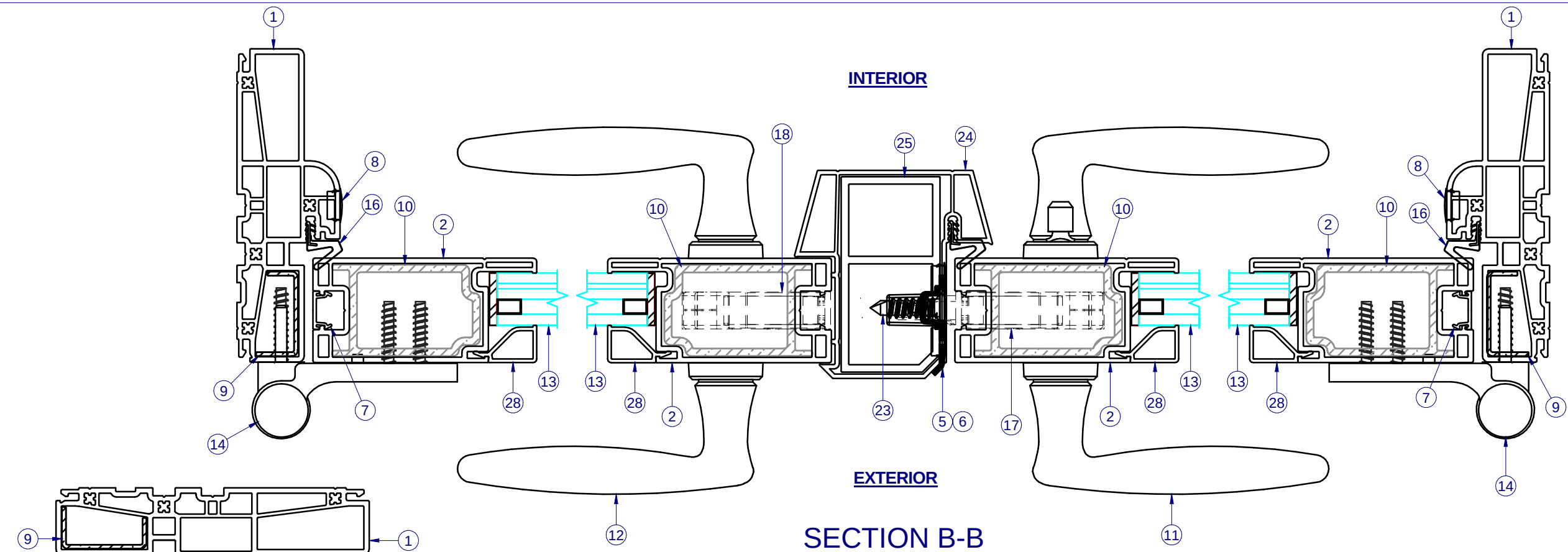


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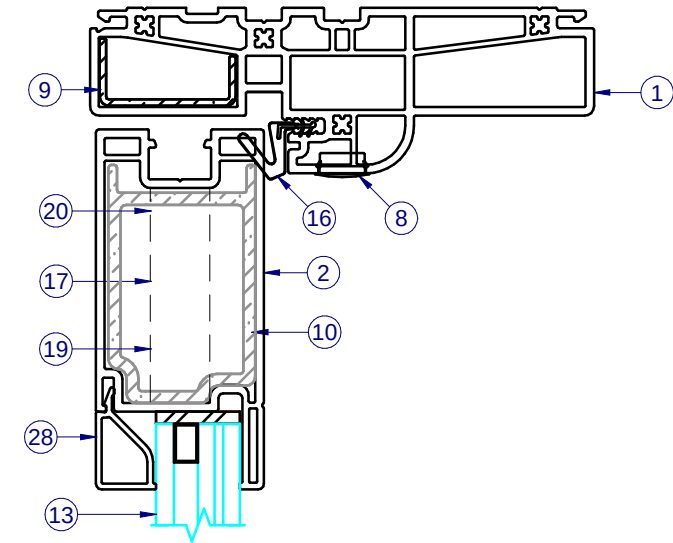
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SHEET DESCRIPTION:
**SECTION VIEWS AND
GLAZING DETAIL**

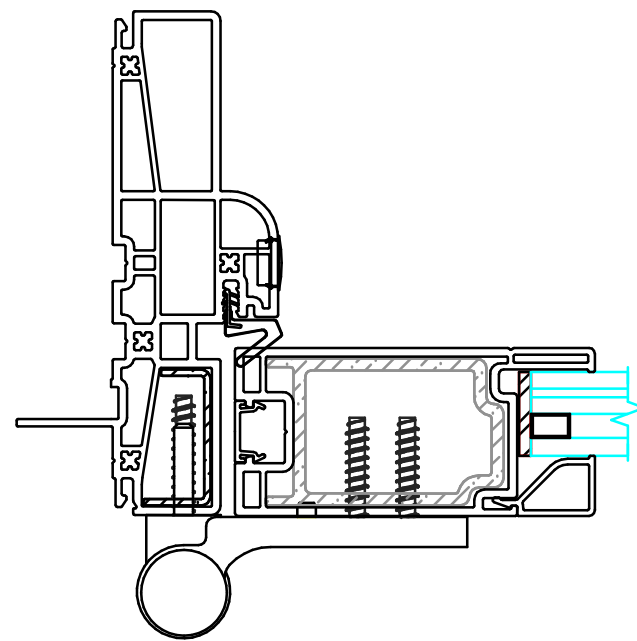
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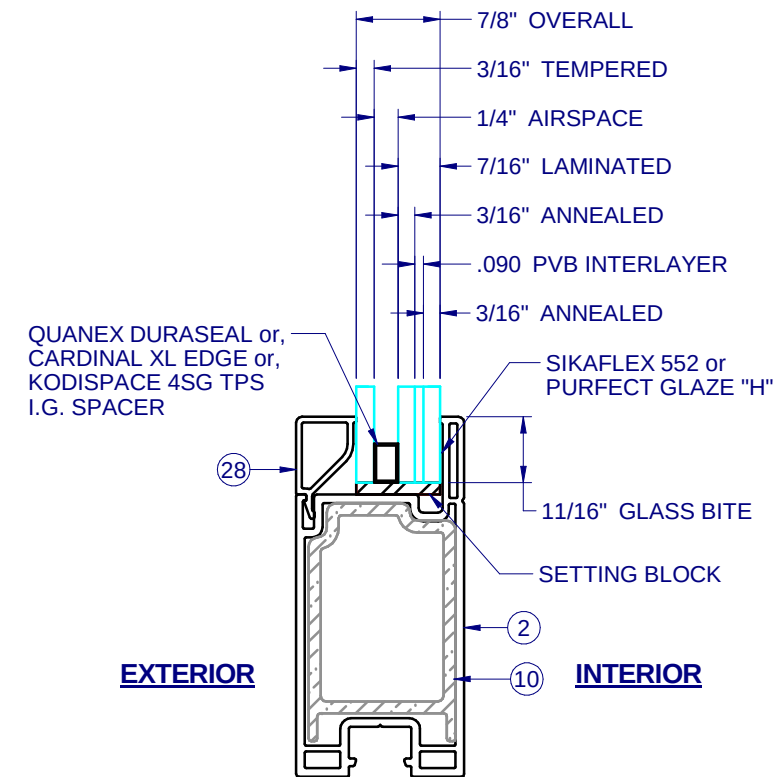
SECTION B-B



SECTION A-A

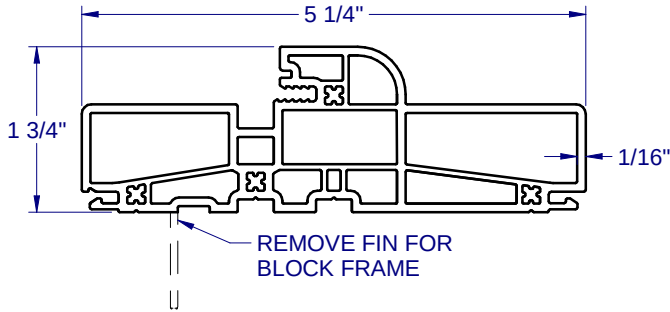


**SECTION C-C
ALT. FIN FRAME
HEAD / SILL / JAMB SIMILAR**

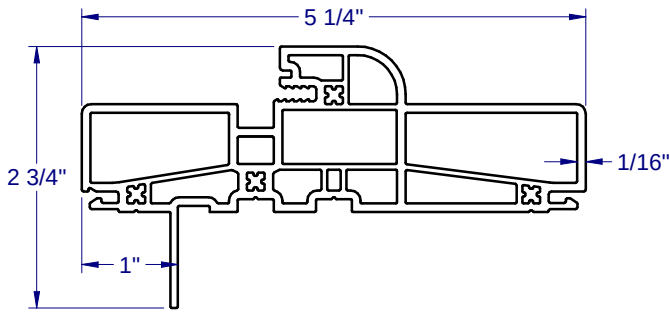


GLAZING DETAIL

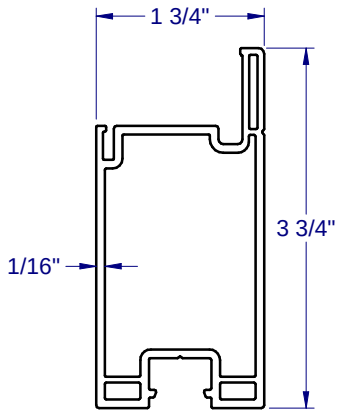
ITEM	P/N	DESCRIPTION	MAT'L
1	H-6268	MAIN FRAME	PVC
2	H-6269	PANEL, TOP/BTM RAIL	PVC
3	S-1010	INTERIOR THRESHOLD	ALUM
4	S-1011	EXTERIOR THRESHOLD	ALUM
5	P-5747	DEADBOLT AND LATCH STRIKE PLATE	S.S.
6	P-5191	HOOK STRIKE PLATE	S.S.
7	H-6270	EURO GROOVE SNAP-IN CAP	PVC
8	P-5588	HOLE PLUG, 1/2", HEYCO SHORTY	
9	S-1012	FRAME REINFORCEMENT	ALUM
10	H-1013	PANEL REINFORCEMENT	ALUM
11	P-5750	ACTIVE HANDLE	
12	P-5753	SEMI-ACTIVE HANDLE	
13	GLASS	7/8" O.A. (3/16 TEMP - 1/4 ARGON - 7/16 LAM(3/16 ANN-.090 PVB-3/16 ANN)	GLASS IG
14	P-5716	FLUSH MOUNT HINGE/SCREWS	
15	P-5723	WEEP HOLE COVER	PVC
16	P-4913	WSTP, .500 FOLDED BULB SEAL, (.593 x .489") PANEL/FRAME	
17	P-5742	ACTIVE 2 HOOK	S.S.
18	P-5743	INACTIVE INTEGRATED SHOOTBOLT	S.S.
19	P-5744	LOCK BAR EXTENSION	S.S.
20	P-5745	TOP SHOOTBOLT	S.S.
21	P-5746	BOTTOM SHOOTBOLT	S.S.
22	P-4890	SCREW, #12 X 2", PH PAN, SMS, ANCHOR	S.S.
23	P-5726	SCREW, #8 X 1 1/4", PH FH TEK	S.S.
24	H-6272	ASTRAGAL	PVC
25	H-1014	ASTRAGAL REINFORCEMENT	ALUM
26	P-5735	SCREW, #6 X 5/8" PH FH TEK, 18-8 STAINLESS PAINTED	S.S.
27	P-5737	SCREW, #8 X 1", 18-8 STAINLESS	S.S.
28	P-6271	7/8" GLAZING BEAD	PVC



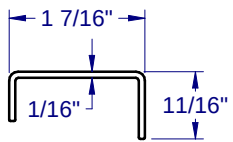
MAIN FRAME - 6268



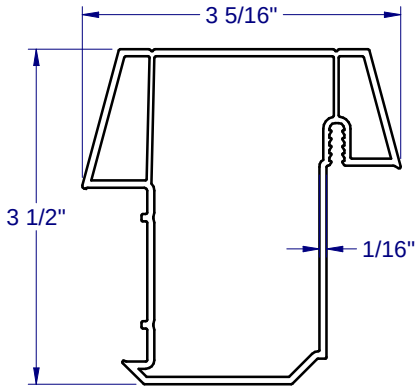
ALT. FIN FRAME - 6268



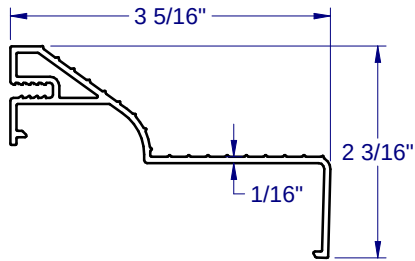
PANEL - 6269



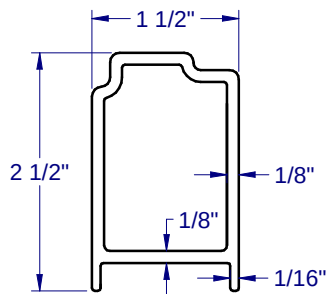
FRAME REINFORCEMENT - 1012



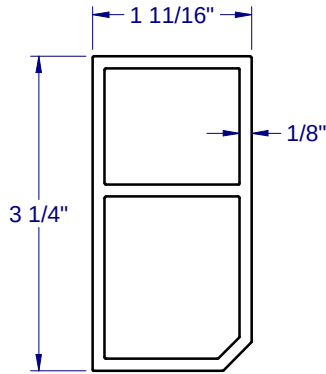
ASTRAGAL - 6272



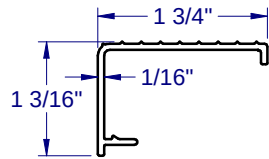
INTERIOR THRESHOLD - 1010



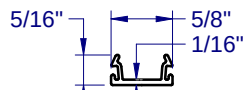
PANEL REINFORCEMENT - 1013



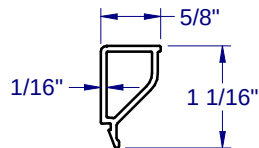
ASTRAGAL REINFORCEMENT - 1014



EXTERIOR THRESHOLD - 1011



EURO GROOVE SNAP-IN CAP - 6270



GLAZING BEAD - 6271

NOTE: ALL ALUMINUM EXTRUSIONS ARE 6063-T6 UNLESS OTHERWISE NOTED.



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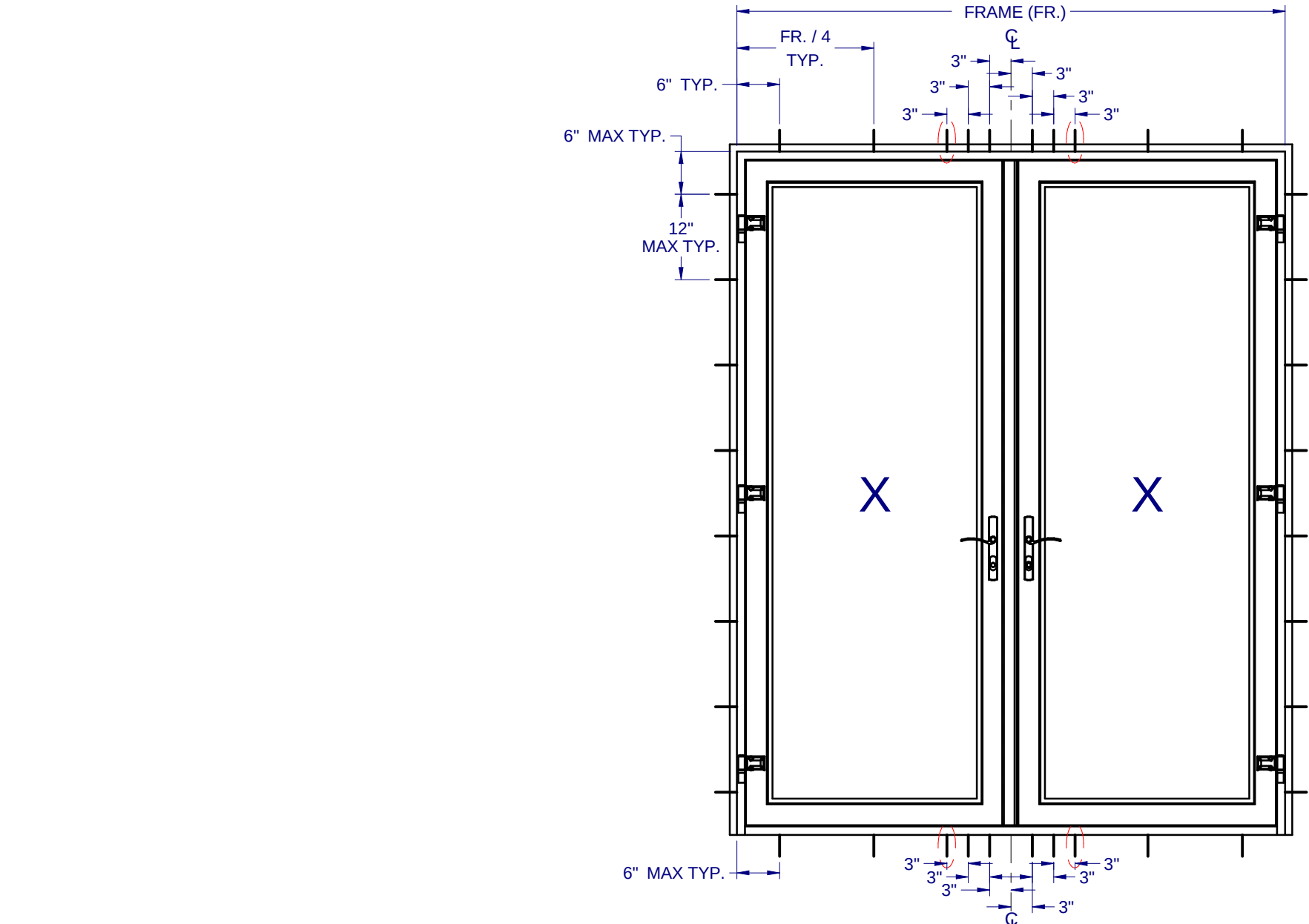
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SHEET DESCRIPTION:

BOM AND EXTRUSIONS

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SCALE:	SHEET
1:2	3 OF 5



*CIRCLED ANCHORS REQUIRED AT HEAD AND SILL WHEN CONCRETE EDGE DISTANCE IS LESS THAN 2-1/2"

NOTES:

1. INSTALL ONE ANCHOR AT EACH INSTALLATION LOCATION.
2. SHIM AS REQ AT EACH INSTALLATION ANCHOR USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT. LOAD BEARING SHIMS SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER. WOOD SHIMS ARE NOT ALLOWED.
3. ANCHOR TYPE, SIZE, SPACING AND EMBEDMENT SHALL BE AS SPECIFIED IN THESE DRAWINGS, SEE TABLE 1, SHEET 5.
4. ALL INSTALLATION ANCHORS MUST BE MADE OF OR PROTECTED WITH A CORROSION RESISTANT MATERIAL OR COATING. DISSIMILAR METALS OR MATERIALS IN CONTACT WITH PRESSURE TREATED WOOD MUST BE PROTECTED TO PREVENT REACTION.
5. INSTALLATION ANCHORS SHALL BE IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM SPECIFIED IN TABLE 1, SHEET 5.
6. ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO. FOR CONCRETE/CMU OPENINGS, EMBEDMENT SHALL BE BEYOND WOOD BUCKS, IF USED, INTO SUBSTRATE. INSTALLATIONS TO SOLID CONCRETE OR GROUT-FILLED CMU MAY INCLUDE BUT DO NOT REQUIRE 1X WOOD BUCKS BETWEEN THE PRODUCT AND SUBSTRATE. INSTALLATIONS TO HOLLOW CMU REQUIRE THE USE OF 1X BUCKS BETWEEN THE PRODUCT AND SUBSTRATE.
7. A MINIMUM CENTER-TO-CENTER SPACING SHALL BE MAINTAINED BETWEEN ALL FASTENERS: 4" FOR MASONRY, 1" FOR WOOD AND METAL.
8. WOOD OR MASONRY OPENINGS, BUCKS AND BUCK FASTENERS SHALL BE PROPERLY DESIGNED BY THE ARCHITECT OR ENGINEER OF RECORD AND INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE. SUBSTRATES SHALL MEET THE MINIMUM STRENGTH REQUIREMENTS AS SHOWN IN TABLE 1, SHEET 5. CONCRETE AND MASONRY SUBSTRATES MAY NOT BE CRACKED.
9. SEALING AND FLASHING STRATEGIES FOR OVERALL WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS FOLLOWING THE CURRENT VERSION OF THE REFERENCE DOCUMENTS:
FMA/AAMA 100(FIN WINDOWS), FMA/AAMA 200(FLANGE WINDOWS), FMA/WDMA 250(BOX WINDOWS), FMA/AAMA/WDMA 300(EXTERIOR DOORS)



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ANCHOR SCHEDULE AND
NOTES

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1:20	4 OF 5

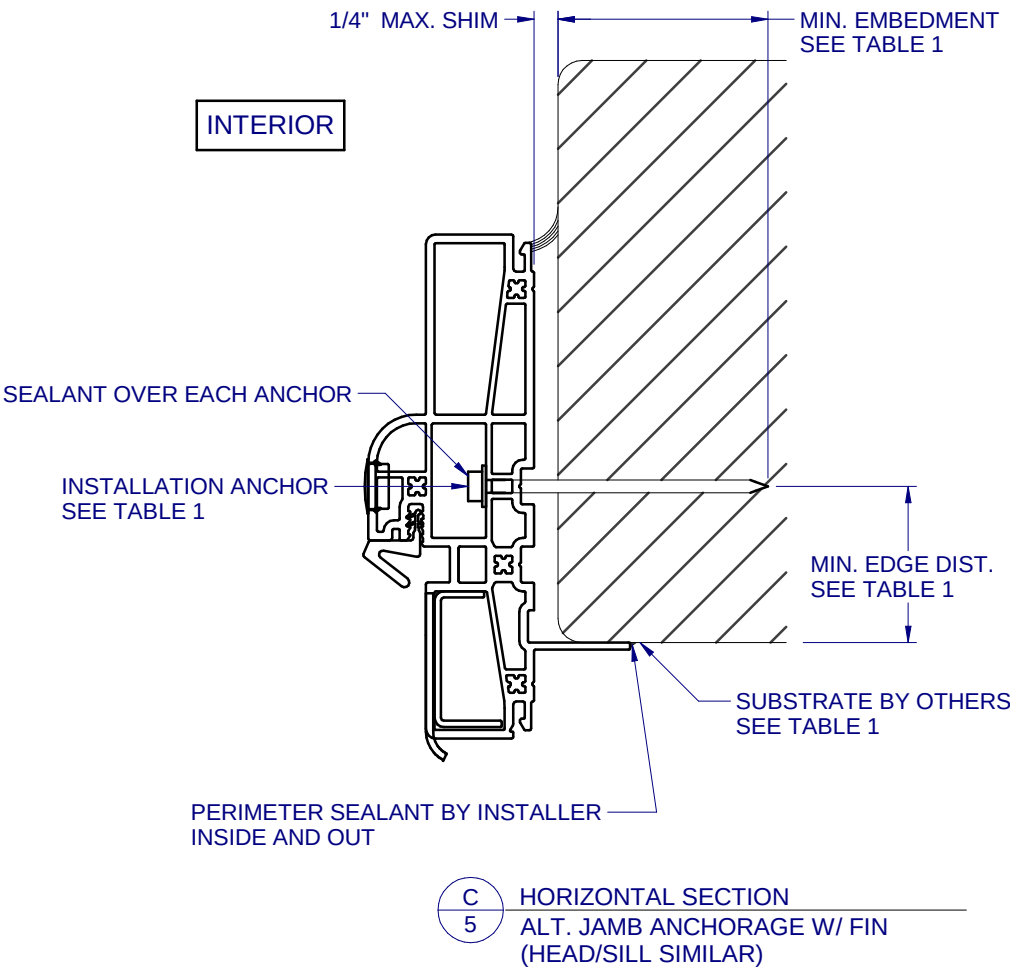
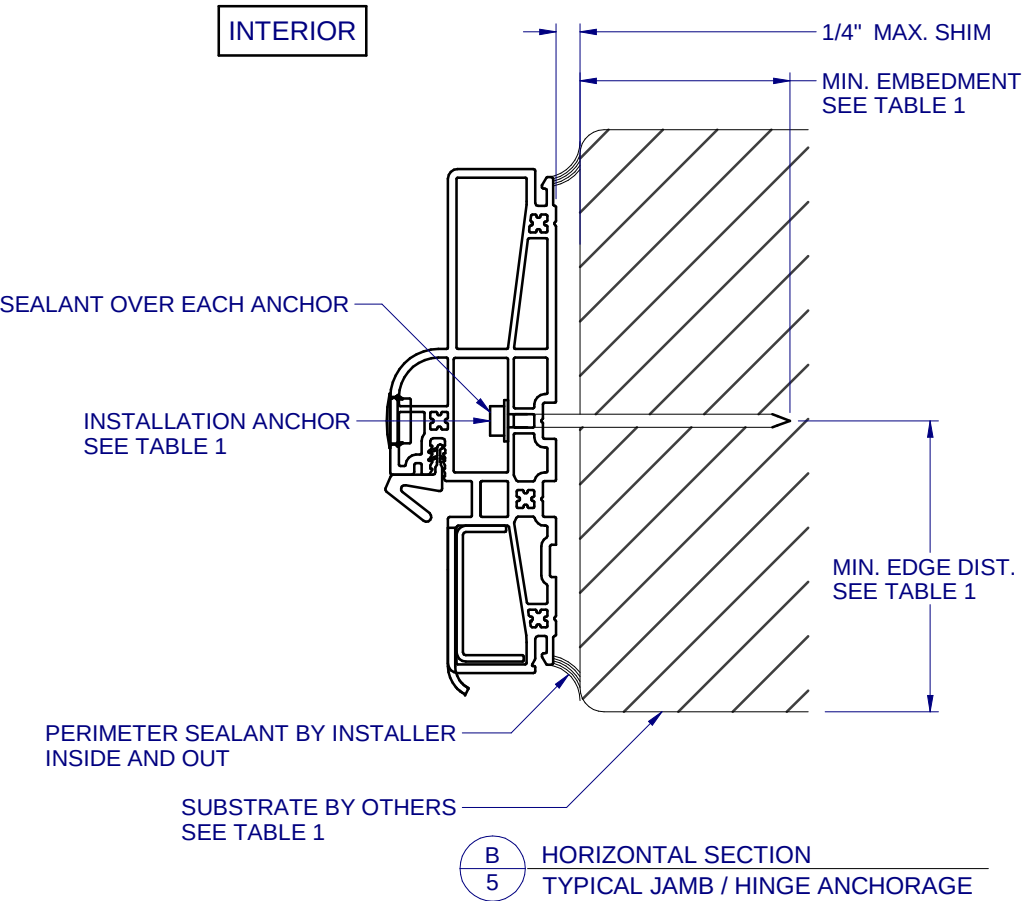
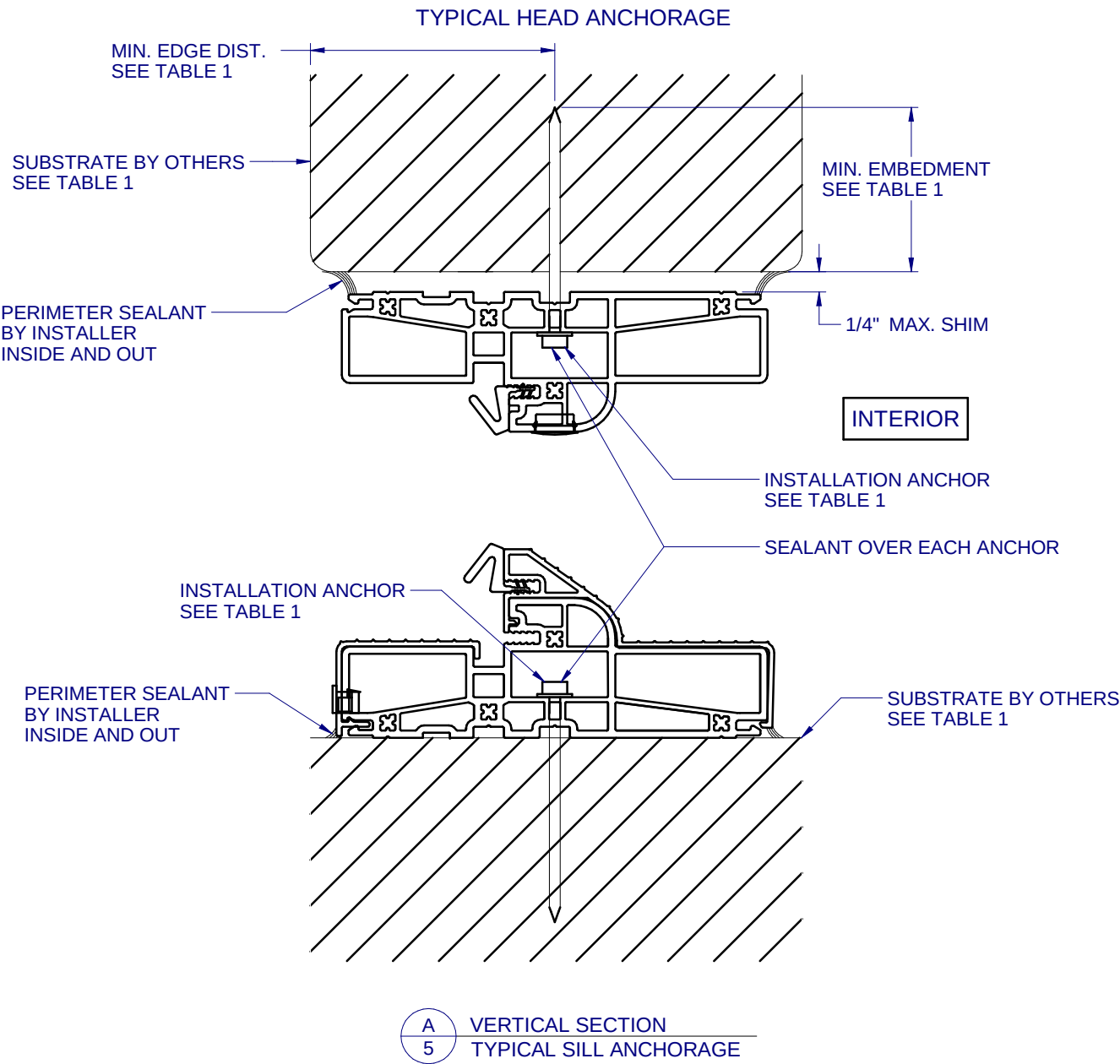


TABLE 1: APPROVED INSTALLATION FASTENERS			
SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DIST.
CONCRETE (3.05 KSI MIN.)	3/16" DEWALT ULTRACON+	1"	1"(*)
			2-1/2"
HOLLOW OR GROUT-FILLED CMU (ASTM C-90) (JAMB ONLY)	3/16" DEWALT ULTRACON+	1-1/4"	1"
2x MIN. SOUTHERN PINE (G=0.55)	#10 WOOD SCREW	1-1/2"	7/8"
16 GAUGE (0.060") MIN. STEEL STUD (33 KSI YIELD MIN)	#10-16 HILTI KWIK-FLEX OR ITW TEKS SELF-DRILLING SCREW	FULL THREAD THRU 0.060"	1/2"
1/8" ALUM. (6063-T5 MIN.) OR 1/8" STEEL (33 KSI MIN.)	#10 GRADE 5 SELF-TAPPING / DRILLING SCREW	FULL THREAD THRU 0.125"	1/2"

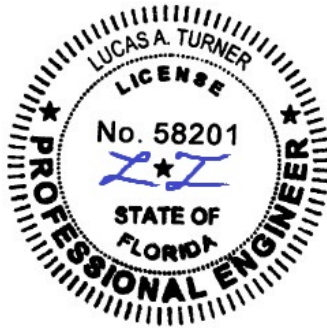
(*) ADDITIONAL ANCHORS REQUIRED, SEE SHEET 4

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1:2	5 OF 5