

SINGLE SWING DOOR - IMPACT

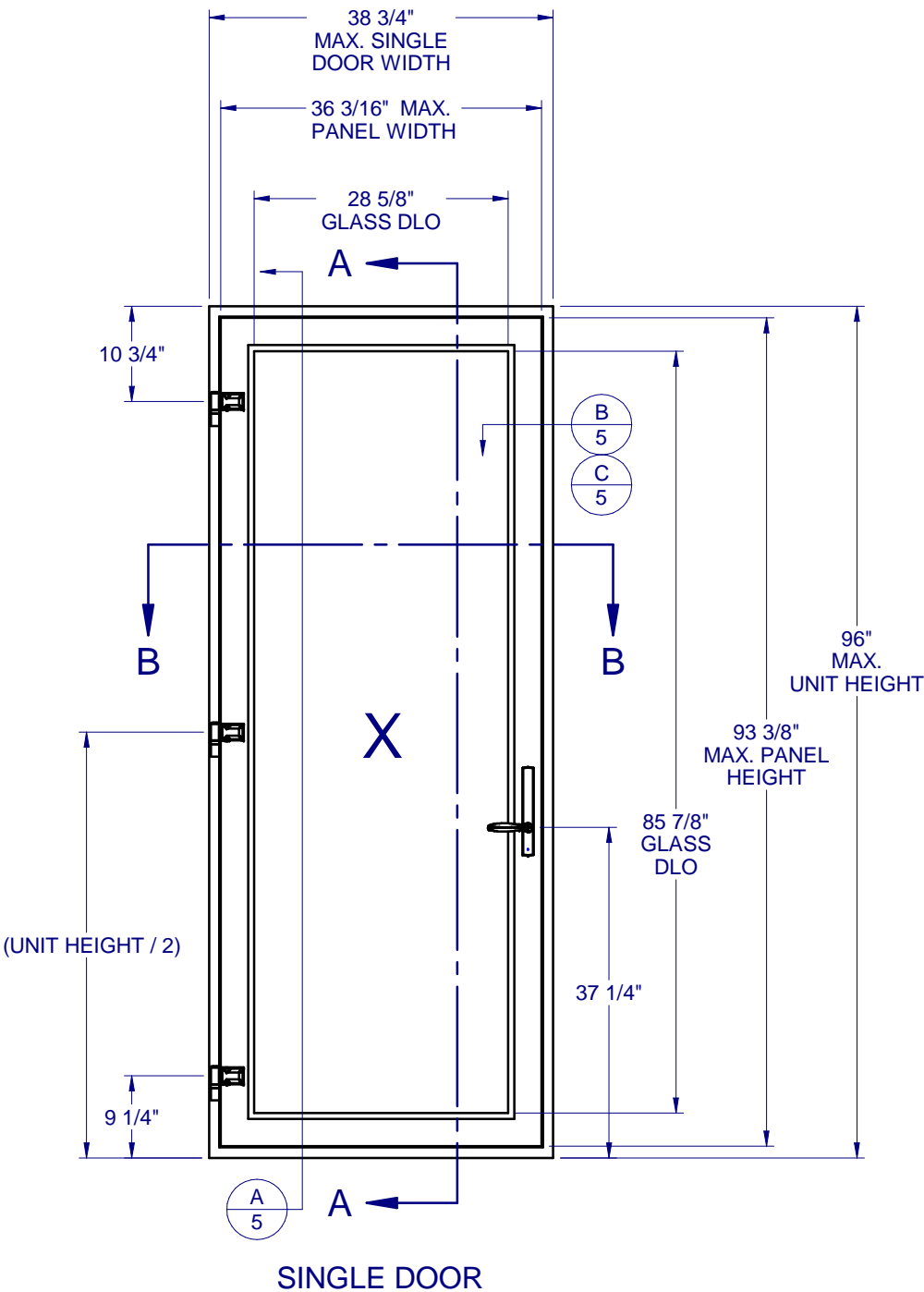


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MAX. UNIT SIZE	DESIGN PRESSURE RATING	IMPACT RATING
38-3/4" x 96"	+/-50 PSF	LARGE MISSILE IMPACT

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: SINGLE OUTSWING.
4. LOCK OPTIONS:
MULTIPOINT (3 PT.) HANDLE SET @ 37 1/4"
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 DESIGNATION X AND O STAND FOR THE FOLLOWING:
X = OPERABLE SASH, O = FIXED SASH
10. MULTIPOINT LOCKS AND DEADBOLT ON ACTIVE PANEL TO BE ENGAGED PRIOR TO SEVERE WEATHER.



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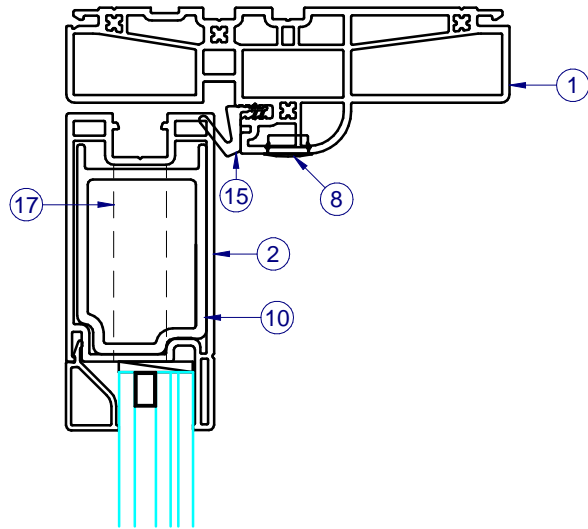
4/25/2025

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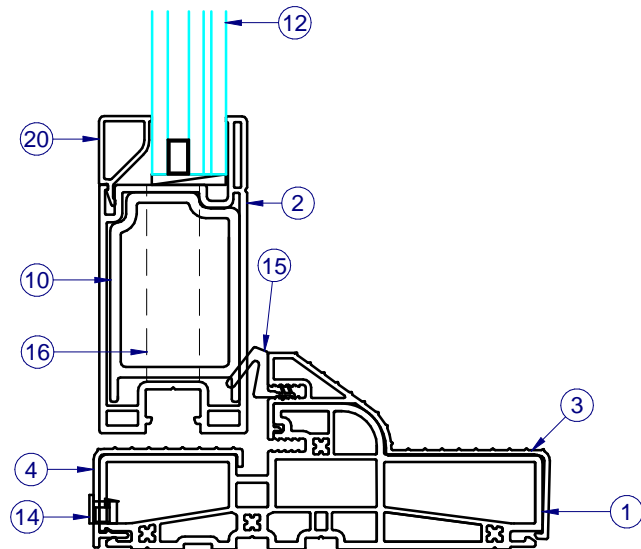
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GENERAL NOTES AND
ELEVATION

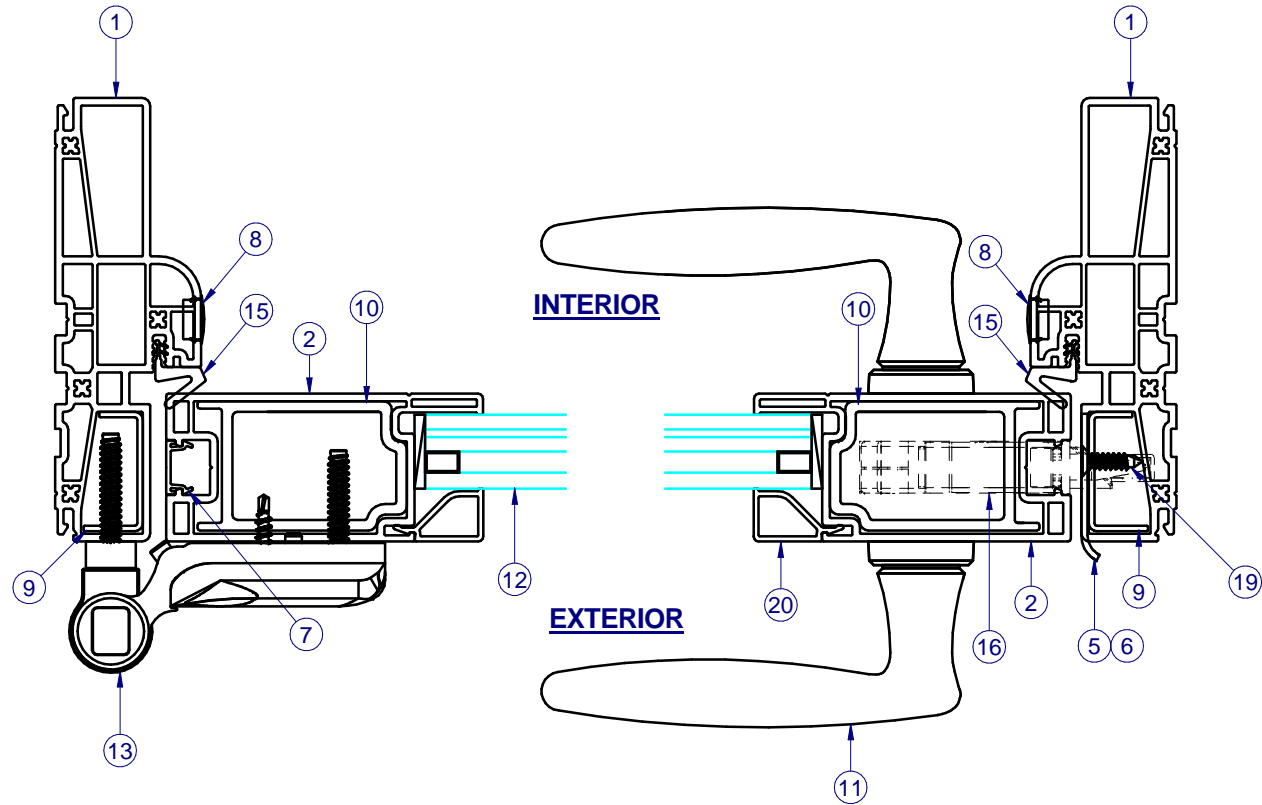
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DWG #: CWS-1242	REV.: -
SCALE: 1:20	SHEET 1 OF 5



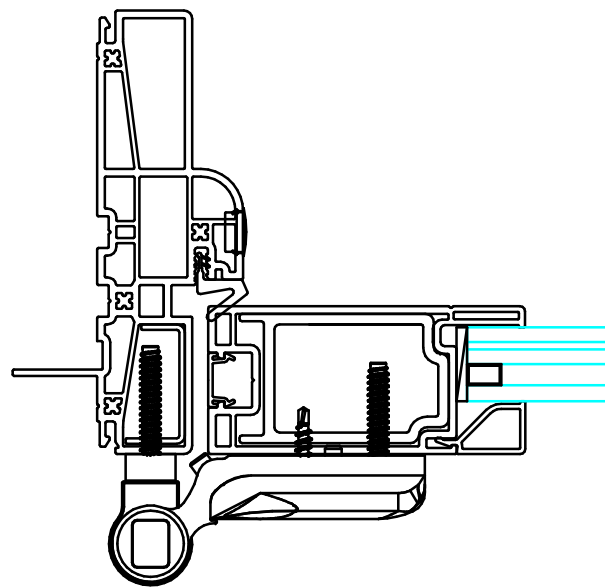
EXTERIOR INTERIOR



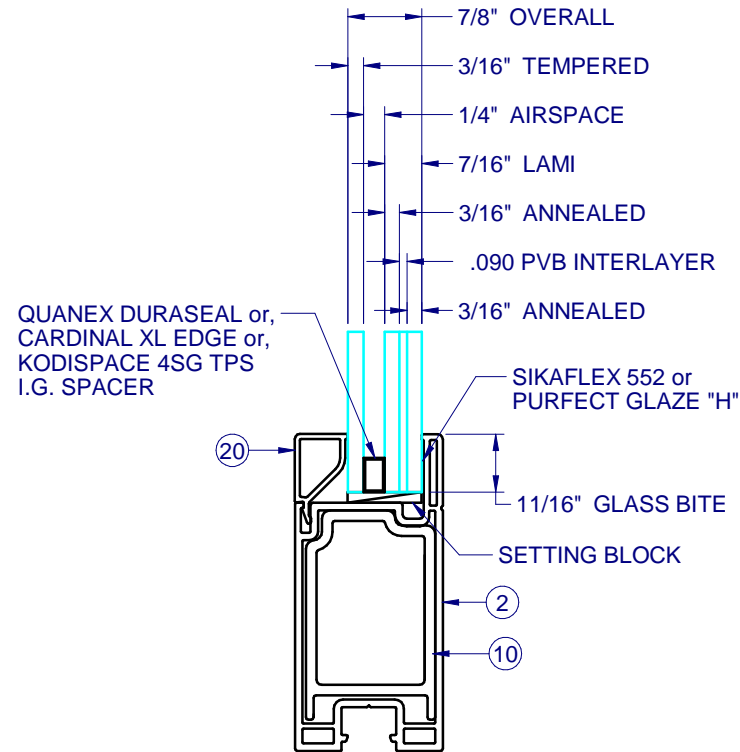
SECTION A-A



SECTION B-B



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



GLAZING DETAIL

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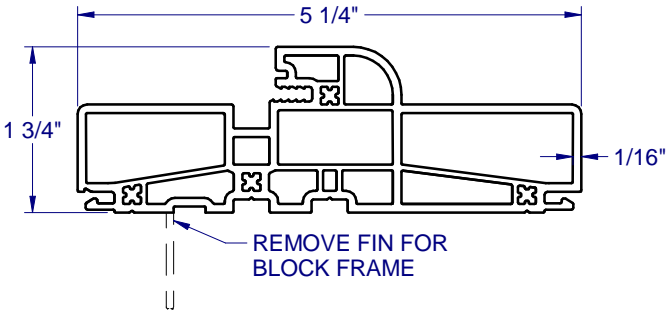


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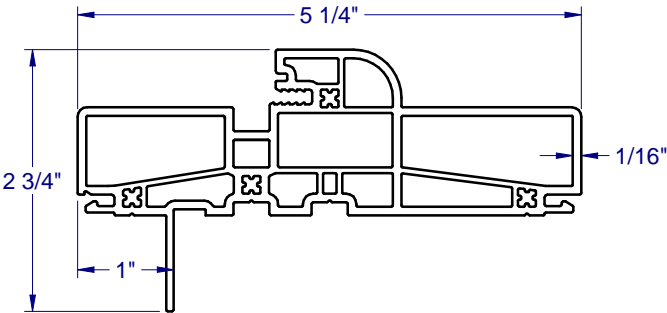
SHEET DESCRIPTION:
SECTION VIEWS AND
GLAZING DETAIL

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1:2	2 OF 5

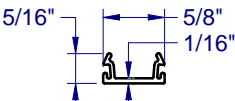
ITEM	P/N	DESCRIPTION	MAT'L	VENDOR
1	H-6268	MAIN FRAME	PVC	VISION
2	H-6269	PANEL, TOP/BTM RAIL	PVC	VISION
3	S-1010	INTERIOR THRESHOLD	ALUM	MI METALS
4	S-1011	EXTERIOR THRESHOLD	ALUM	MI METALS
5	P-5722	DEADBOLT AND LATCH STRIKE PLATE	S.S.	AMESBURY TRUTH
6	P-5191	HOOK STRIKE PLATE	S.S.	HOPPE
7	H-6270	EURO GROOVE SNAP-IN CAP	PVC	VISION
8	P-5588	HOLE PLUG, 1/2", HEYCO SHORTY		M&M PLASTICS
9	S-1012	FRAME REINFORCEMENT	ALUM	MI METALS
10	H-1013	PANEL REINFORCEMENT	ALUM	MI METALS
11	P-5717	HANDLE		AMESBURY TRUTH
12	GLASS	7/8" O.A. (3/16 TEMP - 1/4 AIR - 7/16 LAMI (3/16 ANN - .090 PVB - 3/16 ANN))	GLASS IG	
13	P-5716	FLUSH MOUNT HINGE/SCREWS		INTERLOCK/ASSA ABLOY
14	P-5723	WEEP HOLE COVER	PVC	FOUR JAKS
15	P-4913	WSTP, .500 FOLDED BULB SEAL, (.593 x .489") PANEL/FRAME		SCHLEGEL
16	P-5721	LOCKBAR, LOWER GEAR, NO ANTI SLAM	S.S.	AMESBURY TRUTH
17	P-5720	LOCKBAR, UPPER BAR 89" - 97"	S.S.	AMESBURY TRUTH
18	P-4890	SCREW, #12 X 2", PH PAN, SMS, ANCHOR	S.S.	FASTENAL
19	P-5726	SCREW, #8 X 1 1/4", PH FH TEK	S.S.	FASTENAL
20	H-6271	7/8" GLAZING BEAD	PVC	VISION



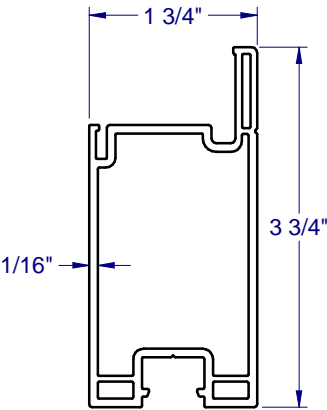
MAIN FRAME - 6268



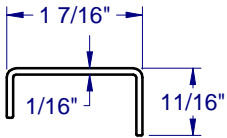
ALT. FIN FRAME - 6268



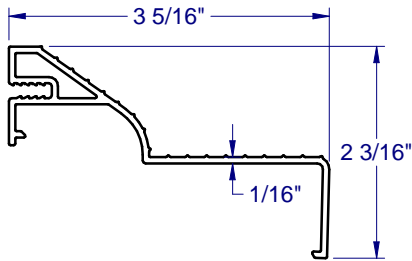
EURO GROOVE SNAP-IN CAP - 6270



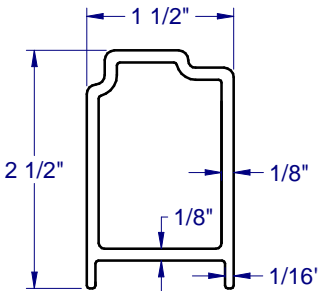
PANEL - 6269



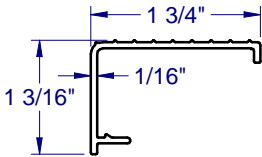
FRAME REINFORCEMENT - 1012



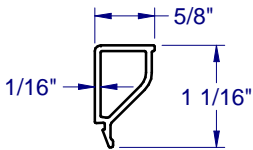
INTERIOR THRESHOLD - 1010



PANEL REINFORCEMENT - 1013



EXTERIOR THRESHOLD - 1011



GLAZING BEAD - 6271

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

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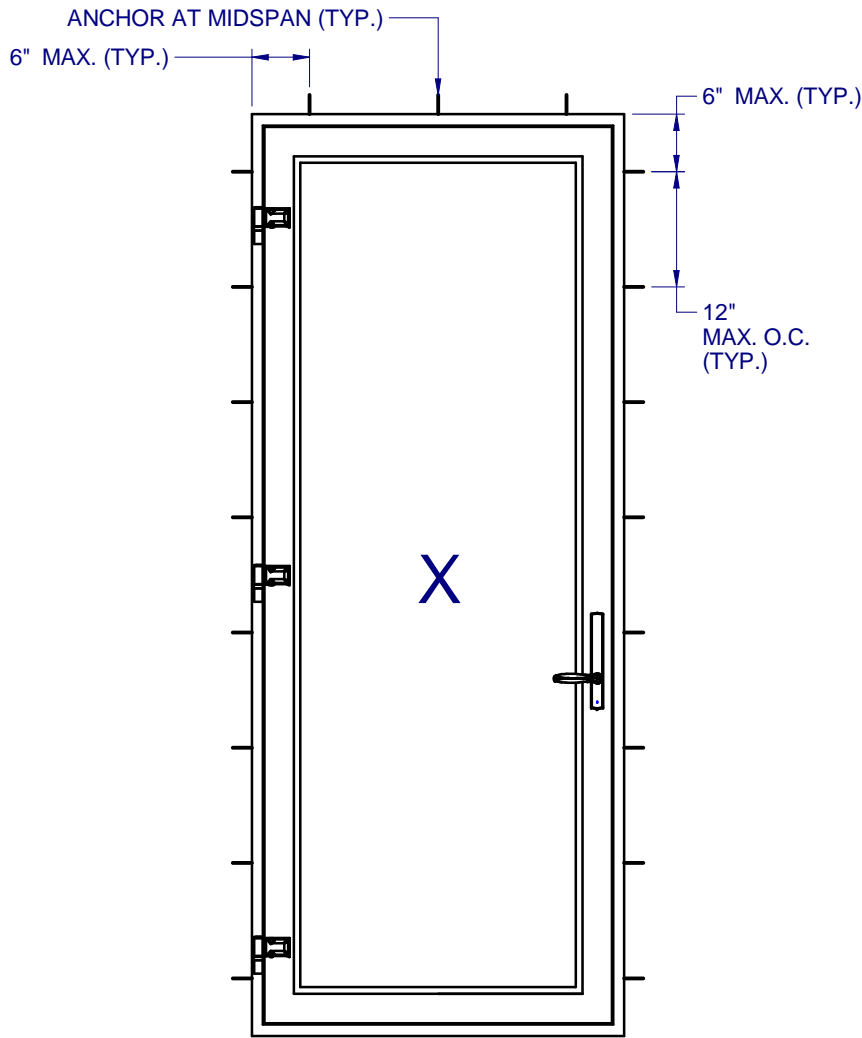
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SHEET DESCRIPTION:

BOM AND EXTRUSIONS


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ANCHOR LAYOUT
BOX & FIN FRAME

NOTES:

1. INSTALL ONE ANCHOR AT EACH INSTALLATION LOCATION. NO ANCHORS AT SILL.
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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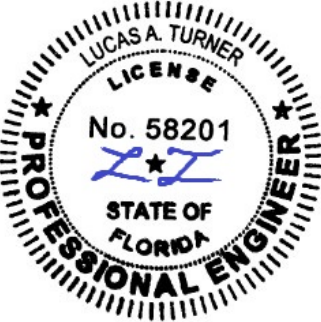
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ANCHOR SCHEDULE AND
NOTES

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SHEET

4 OF 5

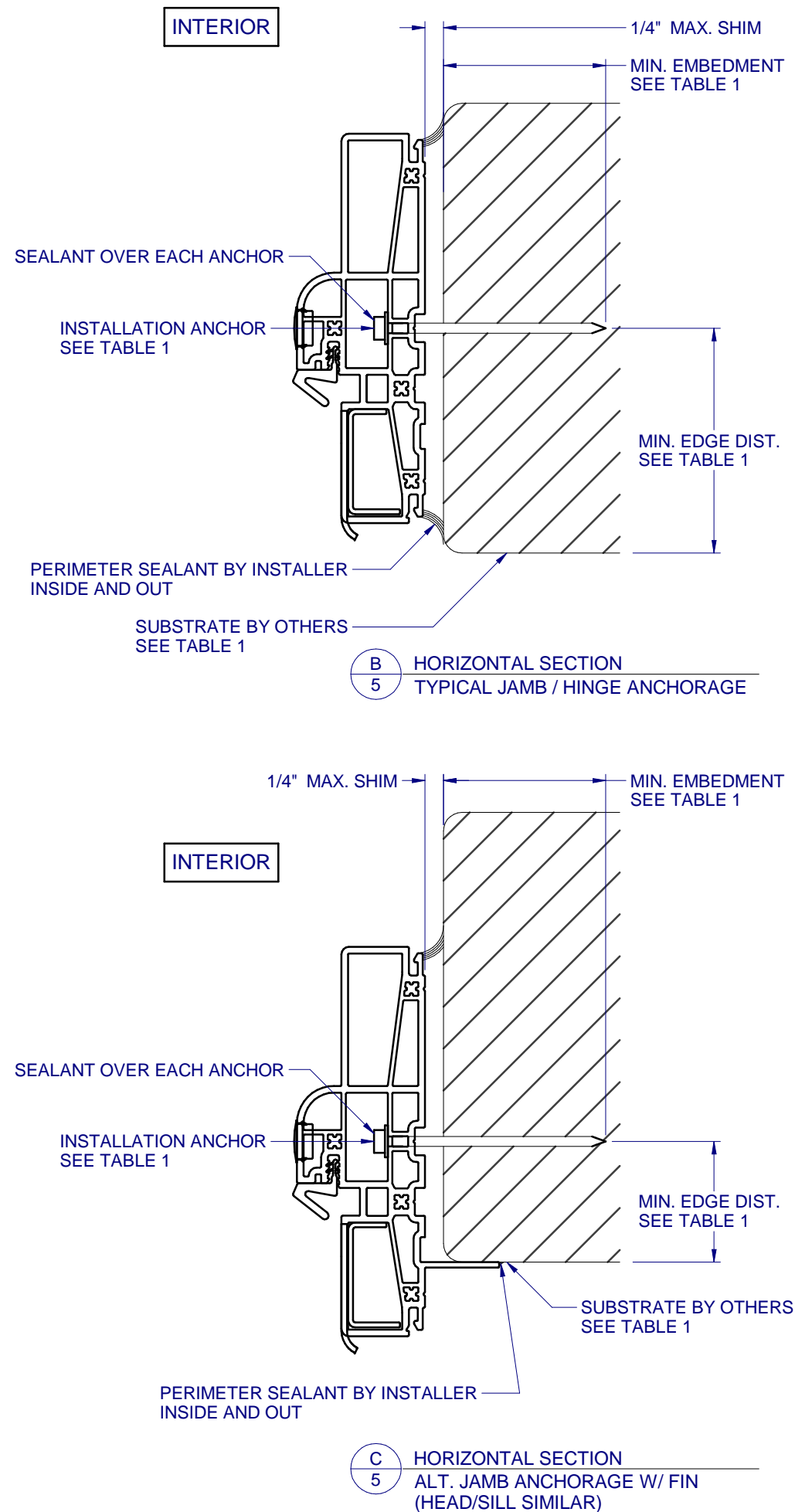
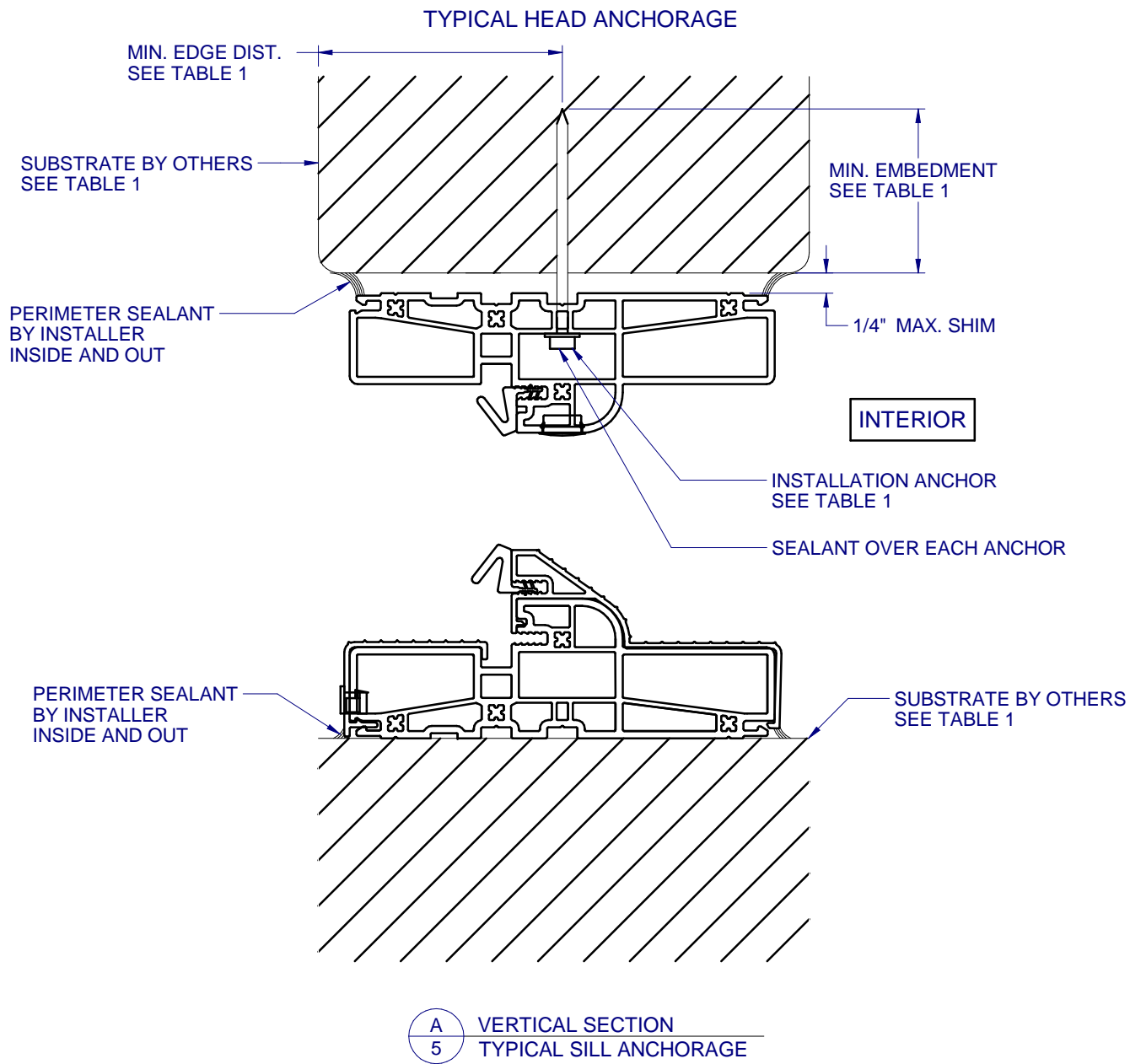


TABLE 1: APPROVED INSTALLATION FASTENERS			
SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DIST.
CONCRETE (3.05 KSI MIN.)	3/16" DEWALT ULTRACON+	1"	1"
HOLLOW OR GROUT-FILLED CMU (ASTM C-90)	3/16" DEWALT ULTRACON+	1-1/4"	1"
2x MIN. SOUTHERN PINE (G=0.55)	#10 WOOD SCREW	1-3/8"	7/8"
16 GAUGE (0.060") 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"



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1:2	5 OF 5