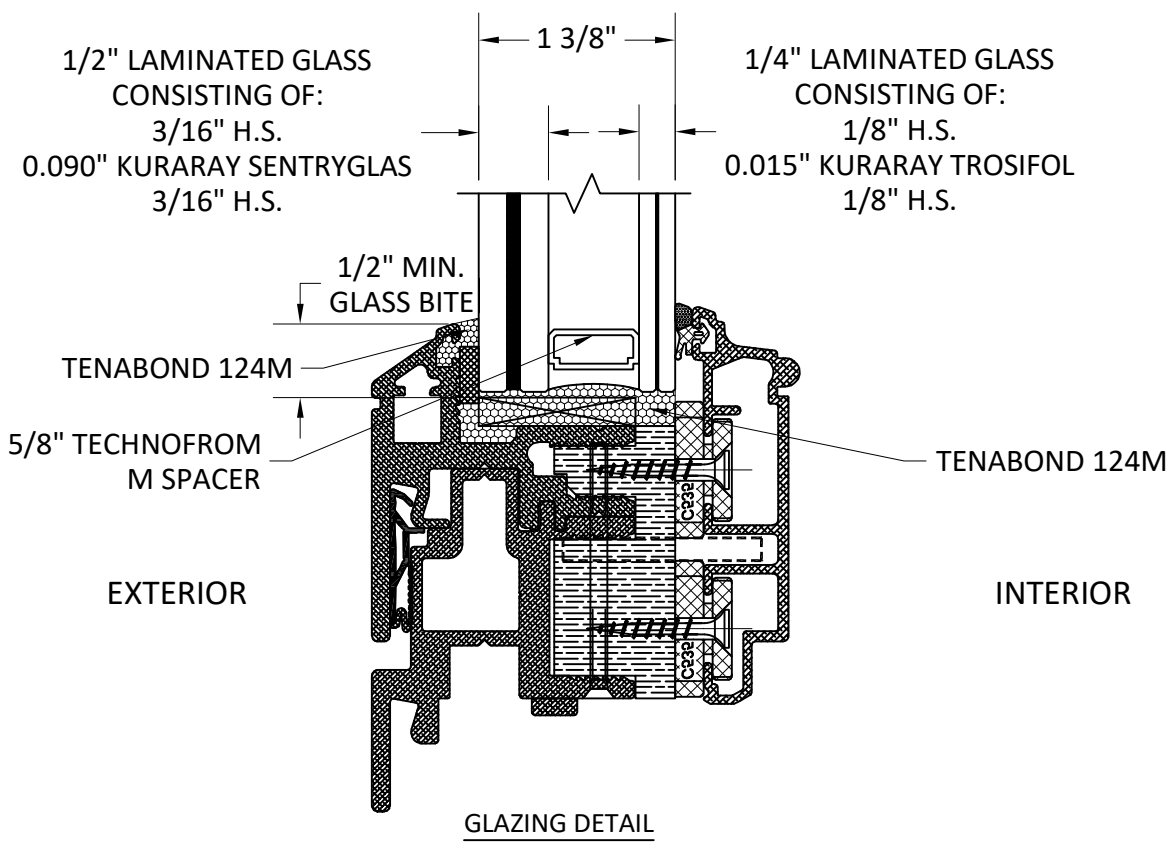
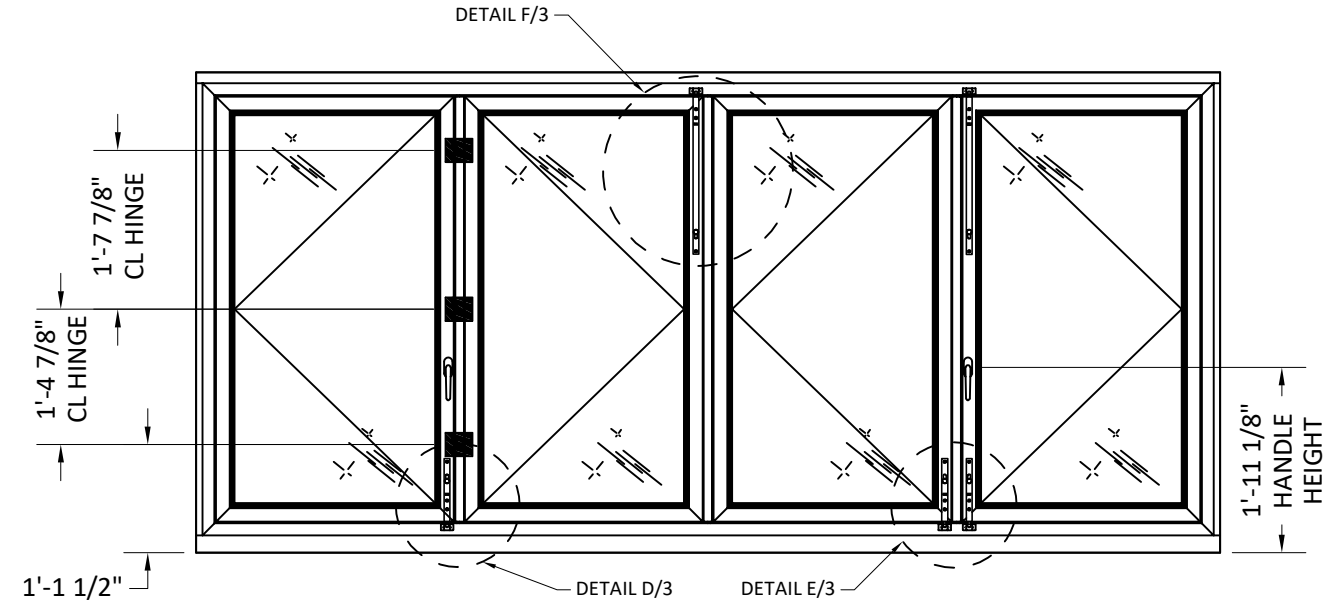
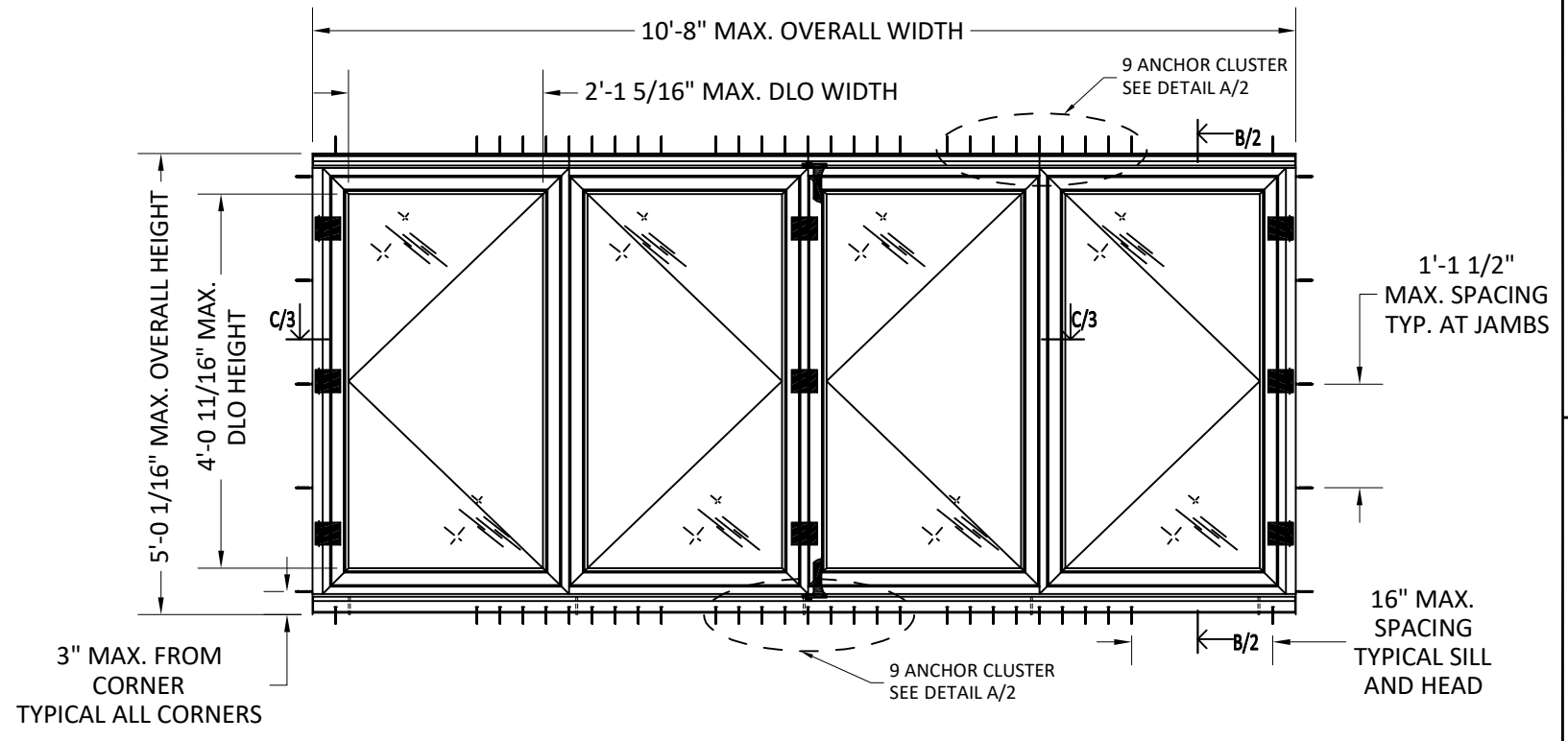




GENERAL NOTES:

- 1.) THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2023 FLORIDA BUILDING CODE, 8TH EDITION, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ). AN APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- 2.) DESIGN LOADS ARE BASED ON ALLOWABLE STRESS DESIGN, ASD. POSITIVE DESIGN LOADS ARE BASED ON WATER TEST PRESSURE, STRUCTURAL/CYCLE TEST PRESSURE, AND GLASS ANALYSIS PER ASTM E1300. NEGATIVE DESIGN LOADS ARE BASED ON STRUCTURAL/CYCLE TEST PRESSURE AND GLASS ANALYSIS PER ASTM E1300.
- 3.) THE 4/3 ALLOWABLE STRESS 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 SUSTRATE.
- 4.) INSTALLATION OF 1X OR 2X WOOD BUCKS TO THE SUBSTRATE TO BE ENGINEERING BY OTHERS OR APPROVED BY THE AHJ (AUTHORITY HAVING JURISDICTION). WOOD BUCKS AND BUCK FASTENERS MUST BE PROPERLY DESIGNED AND INSTALLED BY OTHERS, IN ACCORDANCE WITH THE FLORIDA BUILDING CODE TO TRANSFER SUPERIMPOSED LOADS TO THE STRUCTURE. ADEQUACY OF THE STRUCTURE TO TRANSFER THESE LOADS SHALL BE VERIFIED BY THE CONTRACTOR OR AHJ.
- 5.) DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE COATED OR OTHERWISE PROTECTED TO PREVENT GALVANIC REACTIONS. ALL ANCHORS USED SHALL BE OF A MATERIAL OR HAVE A COATING COMPATIBLE WITH THE PRESSURE TREATED WOOD BUCKS AND ALL OTHER MATERIALS. ALL WOOD BUCKS SHALL BE PRESSURE TREATED.
- 6.) ALL HARDWARE AND FASTENERS SHALL BE IN ACCORDANCE WITH THIS DOCUMENT, OR AS SIGNED AND SEALED BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER ON A PROJECT SPECIFIC BASIS.
- 7.) SEALING AND FLASHING OF THE OPENING FOR OVERALL WATER INFILTRATION RESISTANCE OF THE INSTALLED PRODUCT IS NOT ADDRESSED IN THIS DOCUMENT AND SHALL BE THE RESPONSIBILITY OF OTHERS.



DESIGN PRESSURE RATING	IMPACT RATING
+70 / -70 PSF	LARGE AND SMALL MISSILE IMPACT RESISTANT

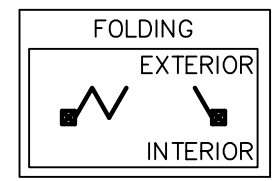
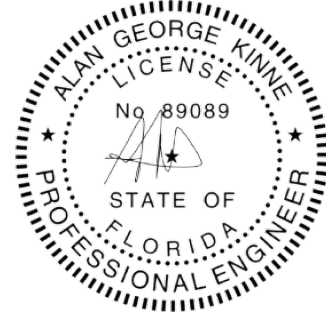


TABLE OF CONTENTS	
SHEET	DESCRIPTION
1	ELEVATION, GLASS, GENERAL NOTES, DESIGN PRESSURE
2	INSTALLATION, ANCHORAGE
3	INSTALLATION, ANCHORAGE, DETAILS
4	BILL OF MATERIALS, PART DRAWINGS



COLD MOUNTAIN CUSTOM
Window & Door Distributors LLC
COLD MOUNTAIN CUSTOM WINDOW AND DOOR DISTRIBUTORS LLC
266 PEEKSKILL HOLLOW ROAD
PUTNAM VALLEY, NY 10579



8/22/25
ALAN G. KINNE, P.E.
PE#89089

MIX LEGNO GROUP
ALUMINUM FOLDING
WINDOW - LMI

PREPARED BY:
KINNE ENGINEERING LLC
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ALAN@KINNEEC.COM

FLORIDA PRODUCT APPROVAL #
FL# 47749

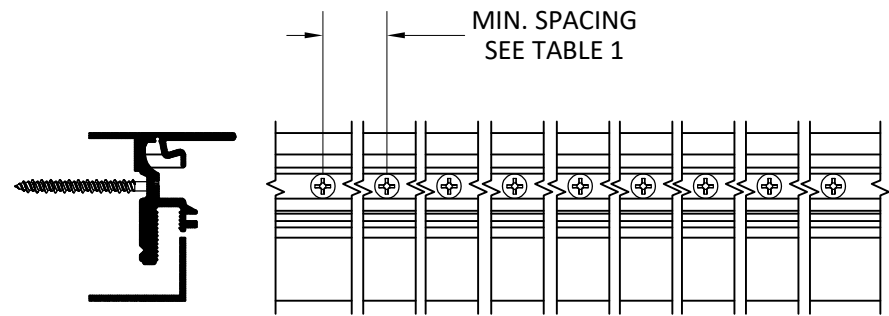
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SHEET: 1 OF 4



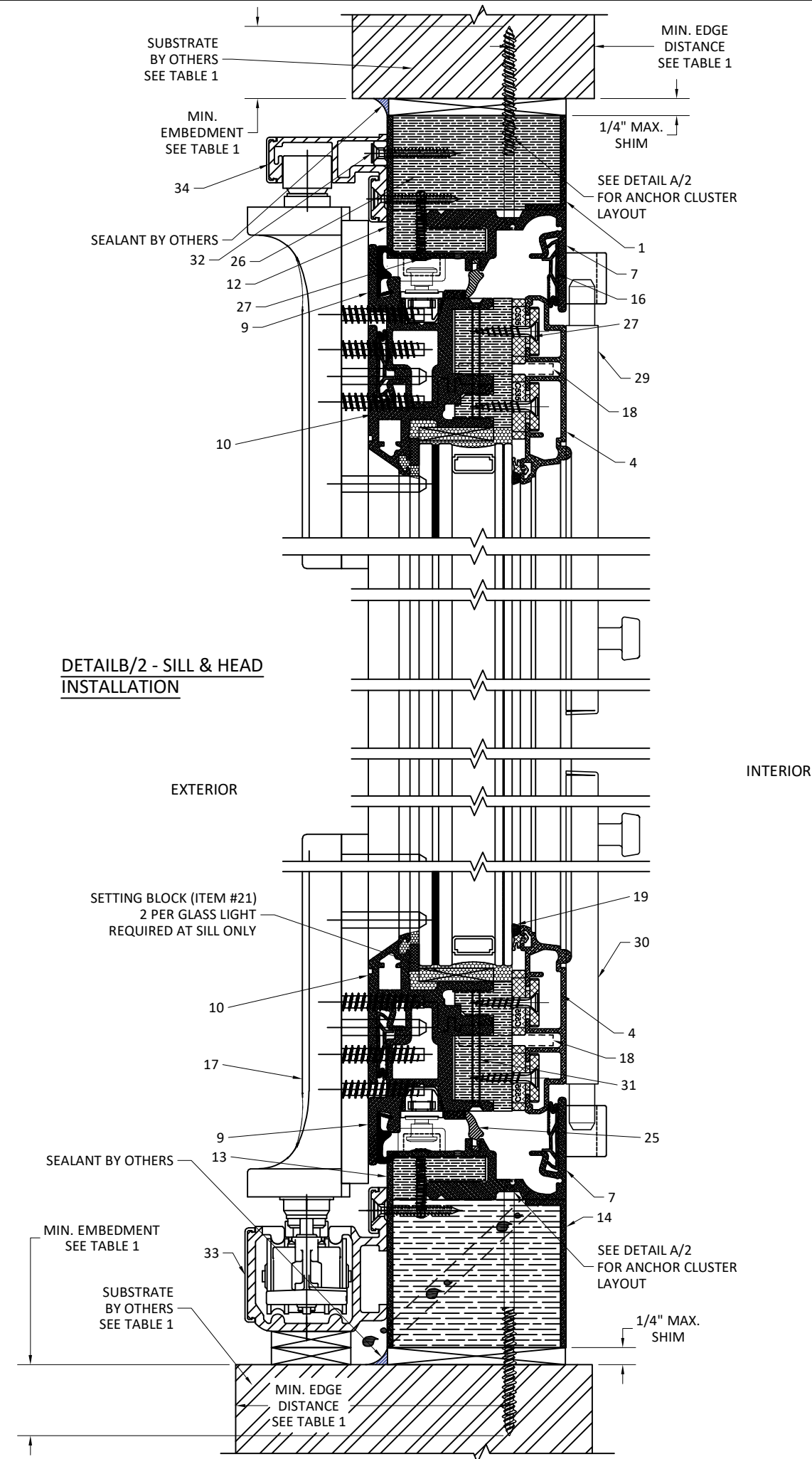
DETAIL A/2 - SILL/HEAD ANCHOR CLUSTER

TABLE 1. INSTALLATION ANCHORS

SUBSTRATE TYPE	ANCHOR TYPE	MIN. SPACING	MIN. EMBED	MIN. EDGE DISTANCE
3 KSI MIN. CONCRETE	3/16" DEWALT ULTRACON+	3"	1"	1"
HOLLOW OR GROUT-FILLED CMU (ASTM C-90)	3/16" DEWALT ULTRACON+	3"	1-1/4"	1"
2X MIN. P.T. SOUTHERN PINE (SG=0.55 MIN)	3/16" DEWALT ULTRACON+	13/16"	1-3/8"	13/16"
2X MIN. P.T. SOUTHERN PINE (SG=0.55 MIN)	#12 SMS (STEEL OR 18-8 SS)	7/8"	1-3/8"	7/8"
16 GAUGE (0.0566") MIN. STEEL STUD (33 KSI YIELD MIN.)	#12 SMS (STEEL OR 18-8 SS)	11/16"	.0566"	1/2"

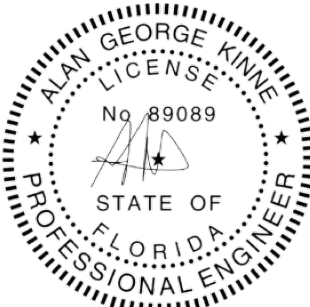
GENERAL ANCHOR NOTES:

- 1.) INSTALL ANCHORS AT EACH LOCATION WITH SPACING SHOWN
- 2.) SHIMS SHALL BE LOAD-BEARING PLASTIC OR METALLIC AND CAPABLE OF TRANSFERRING LOADS TO SUBSTRATE.
- 3.) MINIMUM OF 3 THREADS BEYOND THE METAL SUBSTRATE.
- 4.) SPECIFIED ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND STUCCO OR OTHER WALL FINISH.





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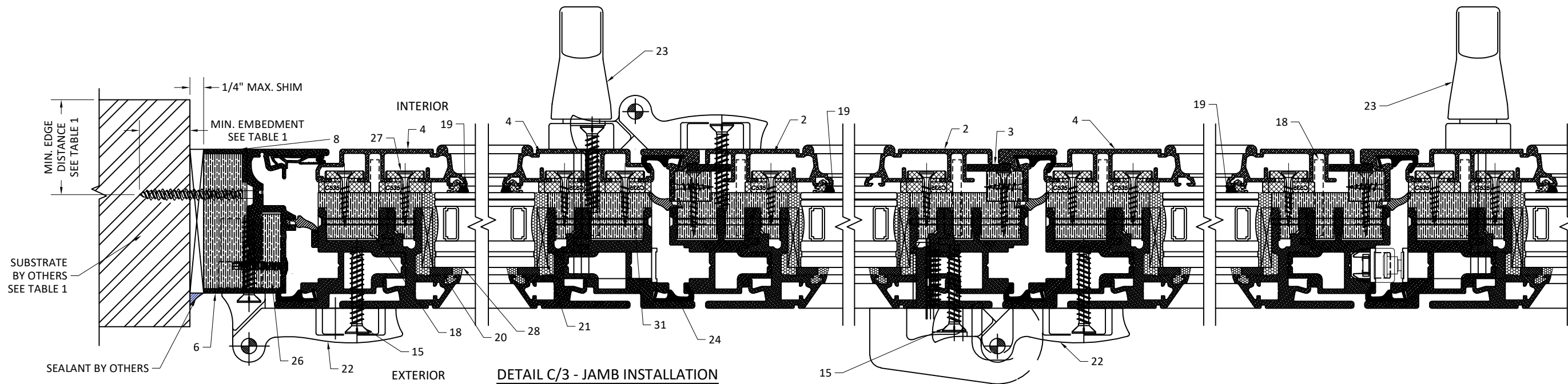
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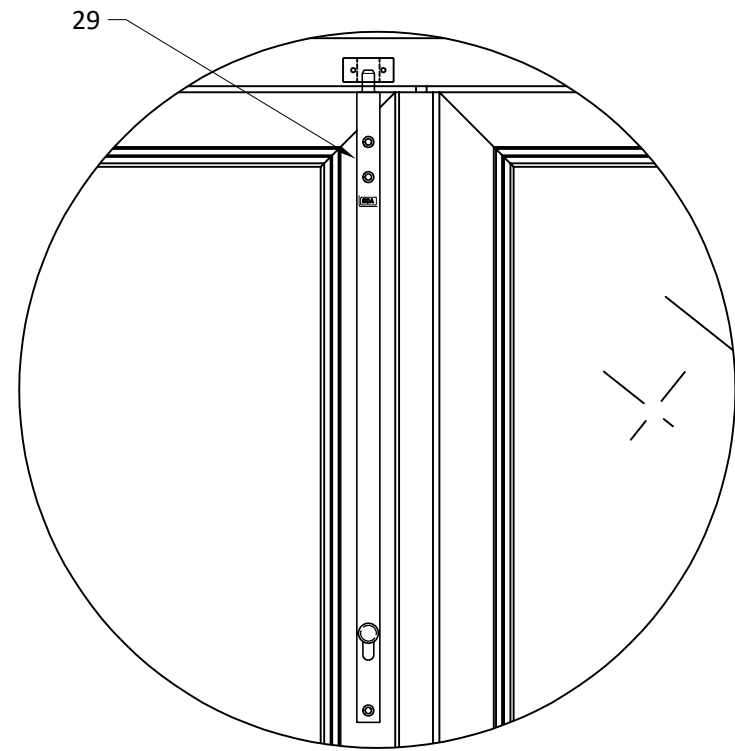
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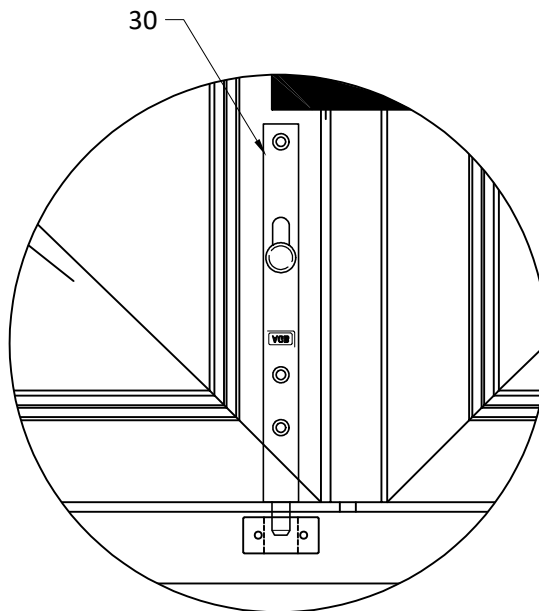
SHEET: 2 OF 4



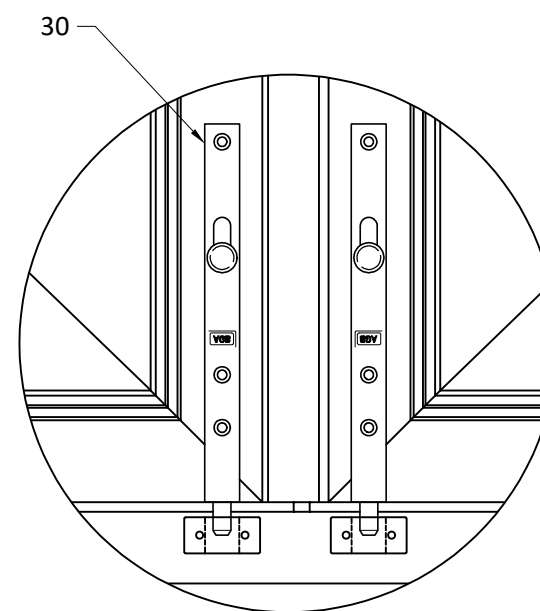
DETAIL C/3 - JAMB INSTALLATION



DETAIL F/3 - HEAD KEEPER DETAIL



DETAIL D/3 - SILL KEEPER DETAIL



DETAIL E/3 - SILL KEEPER DETAIL

GENERAL ANCHOR NOTES:

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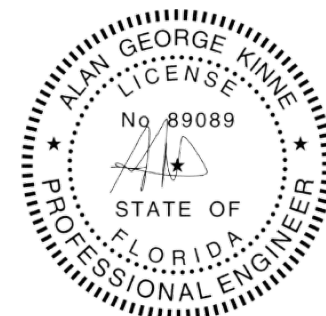


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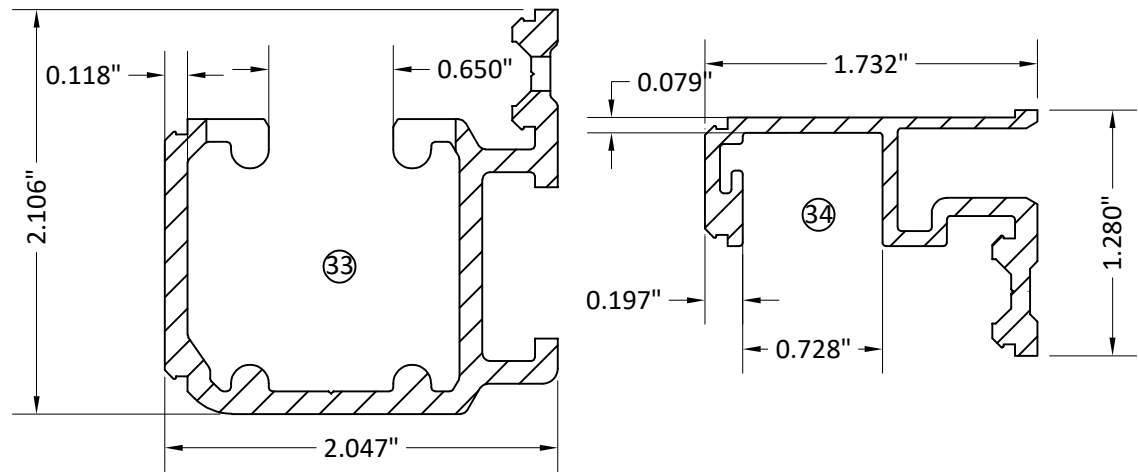
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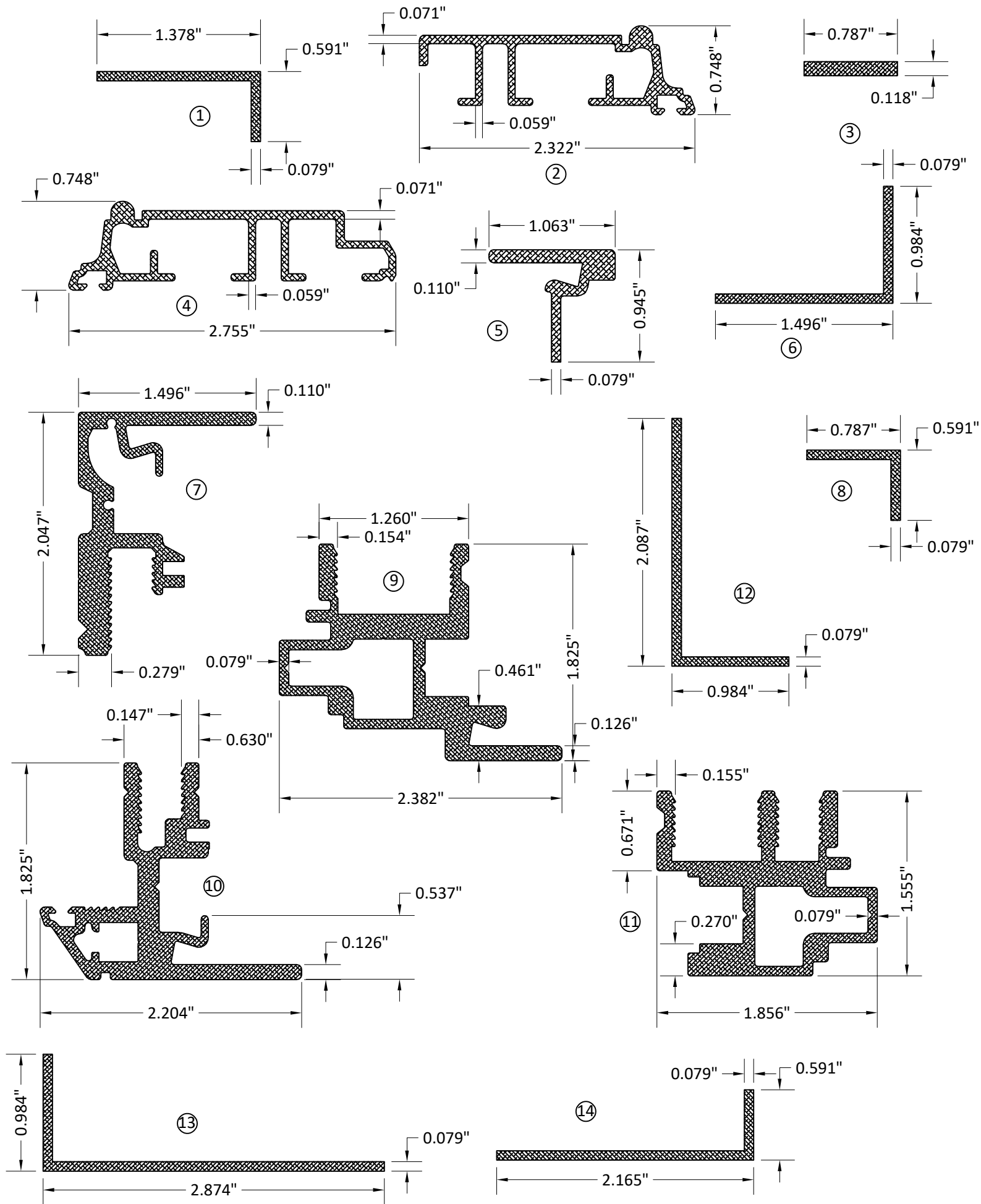
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SHEET: 3 OF 4



BILL OF MATERIALS			
ITEM #	PART #	DESCRIPTION	MATERIAL
1		FRAME ANGLE	6060-T5
2	P8273-MOD	CAPEXTRUSION 1	6060-T5
3		PLATE	6060-T5
4	P8273	CAPEXTRUSION 2	6060-T5
5	P7809	EXTERIORMEETING EXTRUSION	6060-T5
6		FRAME ANGLE 2	6060-T5
7	11422	JAMB/HEAD FRAME	6060-T5
8		FRAME ANGLE 3	6060-T5
9	11419	PANEL MEETING FRAME	6060-T5
10	11418	PANEL SEAT FRAME	6060-T5
11		PANEL MEETING FRAME 2	6060-T5
12		FRAME ANGLE 4	6060-T5
13		FRAME ANGLE 5	6060-T5
14		FRAME ANGLE 6	6060-T5
15		1/4" X 1 1/2" HINGE SCREW	18-8 SS
16	A256 STP BOB	PERIMETER PANEL SEAL	PVC/TPE
17		ROTO ROLLER ASSEMBLY	PAINTED STEEL
18		1 3/8" X 3/4" X 3/16" ALUMINUM PLATE	6060-T5
19	DE-34-AN	CAP GASKET	EPDM 80 SHA
20		SEAT FOAM TAPE	EPDM
21		70-90 SHORE A DUROMETER SETTING BLOCK	EPDM/NEOPRENE
22	QM345	ROTO HINGE	PAINTED STEEL
23	MANIGLIERIA	HANDLE/LOCK	VARIES
24	QL 3096-2Q259	PANEL FOAM SEAL	POLYURETHANE
25	QL 9111 AQ9111	PANEL SWEEP GASKET	POLYURETHANE
26		CARPLYRA	BIRCH/RESIN
27		#6 X 1" WOOD SCREW	18-8 SS
28		TENABOND 124M SEALANT	MSPOLYMER
29	AGB	HEAD KEEPER	VARIES
30	AGB	SILL KEEPER	VARIES
31		3MM X 45MM FH SCREW	18-8 SS
32		#6 X 1 1/4" WOOD SCREW	18-8 SS
33		ROTO ROLLER CHANNEL - SILL	ALUMIUNUM
34		ROTO ROLLER CHANNEL - HEAD	ALUMIUNUM



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