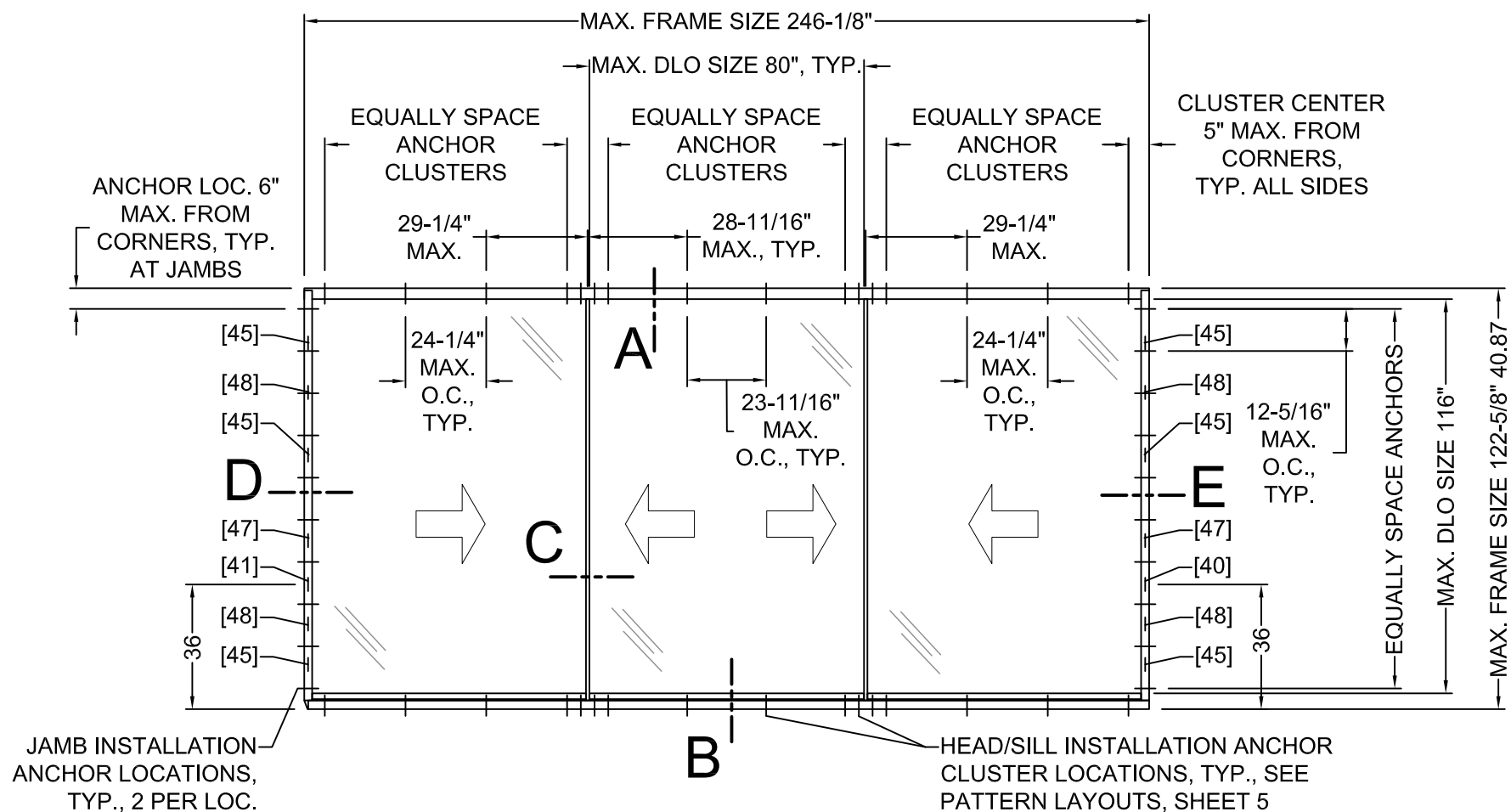


GENERAL NOTES

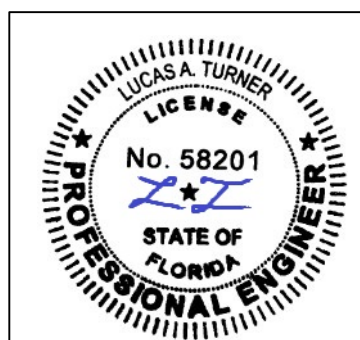
1. THE PRODUCT SHOWN HEREIN CONSTRUCTED FROM LUXVIEW THERMALLY BROKEN ALUMINUM FRAMES HAS BEEN TESTED TO TAS201/202/203-94, AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, 8TH EDITION (2023), INCLUDING THE HIGH VELOCITY HURRICANE ZONE.
2. THIS PRODUCT IS LARGE AND SMALL MISSILE IMPACT RESISTANT AND DOES NOT REQUIRE THE USE OF IMPACT PROTECTIVE DEVICES (SHUTTERS) IN WINDBORNE DEBRIS REGIONS.
3. THE DESIGN PRESSURES INDICATED IN THIS DRAWING ARE AS LIMITED BY ASTM E-1300 GLASS TABLES, AND TESTED WATER, STRUCTURAL, AND CYCLIC PRESSURES.
4. THIS DOCUMENT ADDRESSES PRODUCT ANCHORAGE TO ACHIEVE THE INDICATED DESIGN PRESSURES AT THE INDICATED SIZES, IN THE CONFIGURATION SHOWN IN THE ELEVATIONS. INSTALL PRODUCTS WITH MAXIMUM SHIM GAP, MINIMUM EDGE DISTANCE AND EMBEDMENT, AND WITH FASTENER TYPE AS SHOWN IN THE DETAILS AND AS INDICATED IN TABLE 1. FOR FULL PRODUCT CONSTRUCTION DETAILS SEE INTERTEK TEST REPORT N9351.02-550-44-r0.
6. 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.
7. THE OPENING SUBSTRATE MATERIALS (FRAMING, MASONRY, BUCKS) AND ATTACHMENT OF BUCKS TO THE SUBSTRATE ARE BY OTHERS AND SHALL BE VERIFIED BY THE ARCHITECT OR ENGINEER OF RECORD OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION (AHJ). BUCKING, OPENINGS, & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED BY OTHERS IN ACCORDANCE WITH THE FBC TO TRANSFER SUPERIMPOSED LOADS TO THE STRUCTURE. WITH MASONRY OPENINGS, WOOD BUCKS ARE OPTIONAL.
8. 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 THIS PRODUCT.
9. ALL ANCHORS USED SHALL BE OF A MATERIAL OR HAVE A COATING COMPATIBLE WITH THE PRESSURE TREATED WOOD BUCKS AND ALL OTHER WINDOW MATERIALS.
10. 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.
11. SEALING AND FLASHING STRATEGIES FOR OVERALL WATER INFILTRATION RESISTANCE OF THE INSTALLED PRODUCT SHALL BE THE RESPONSIBILITY OF OTHERS AND ARE NOT ADDRESSED BY THIS DOCUMENT.
12. FOR ADDITIONAL REQUIREMENTS SEE GENERAL ANCHOR NOTES, SHEET 4.

LUXVIEW SLIDE 54 MULTISLIDE DOOR



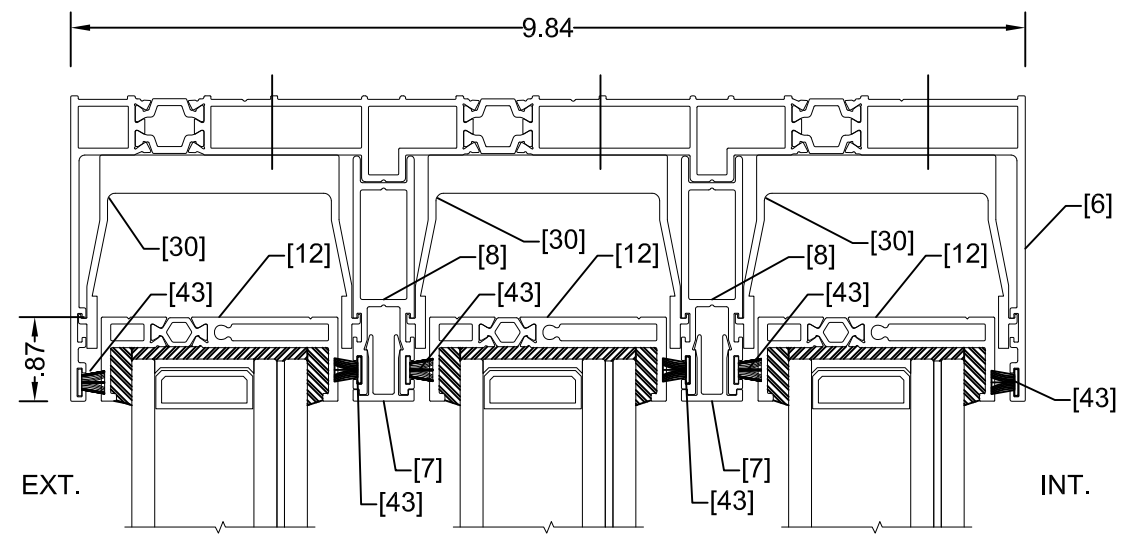
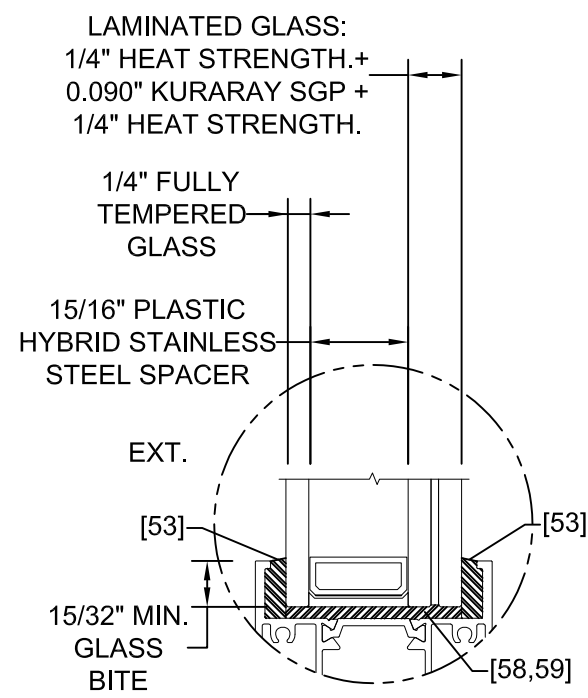
**TYP. ELEVATION
SEE DETAILS SHEETS 2 AND 3**

DESIGN PRESSURE RATING, PSF	IMPACT RATING
+50 / -65	LARGE AND SMALL MISSILE IMPACT

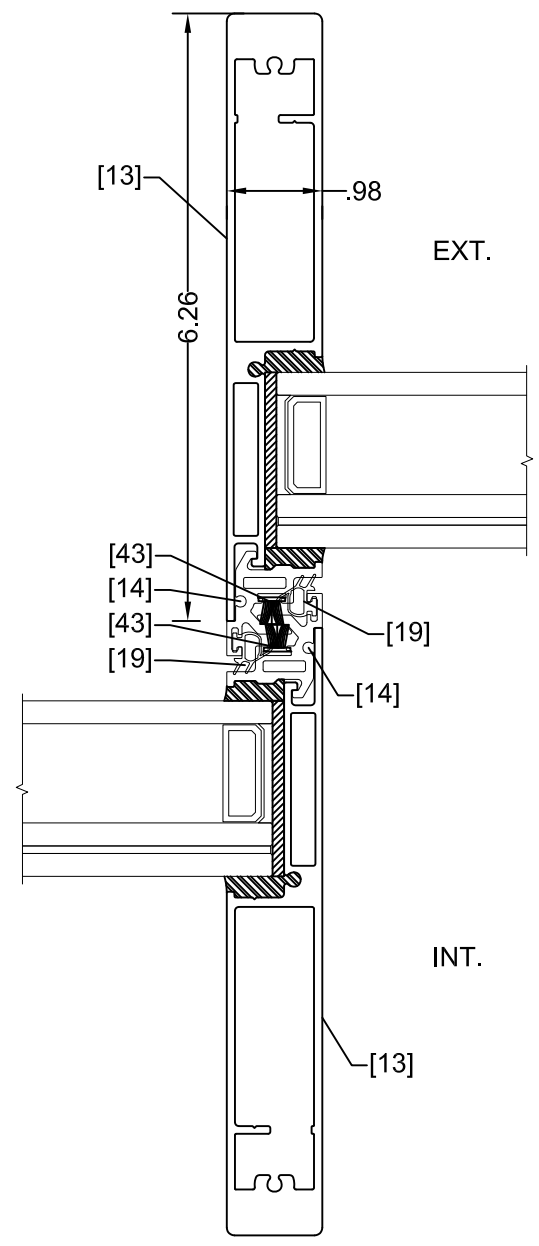


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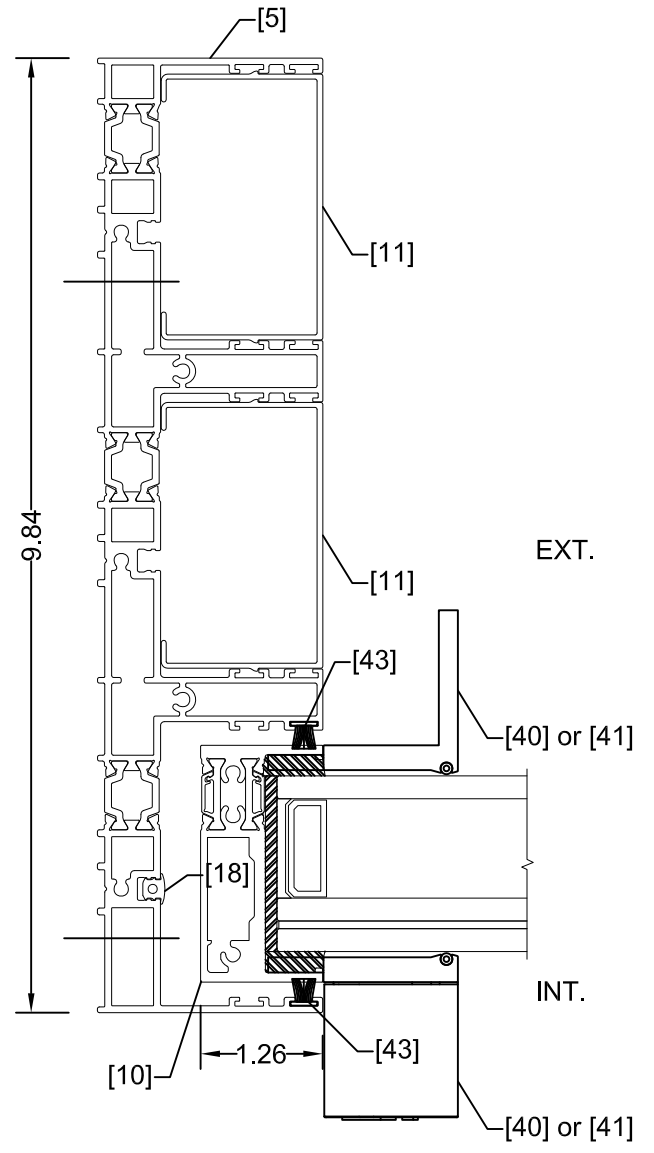
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Sheet Title: NOTES, ELEVATION		Date: 6/26/2023	
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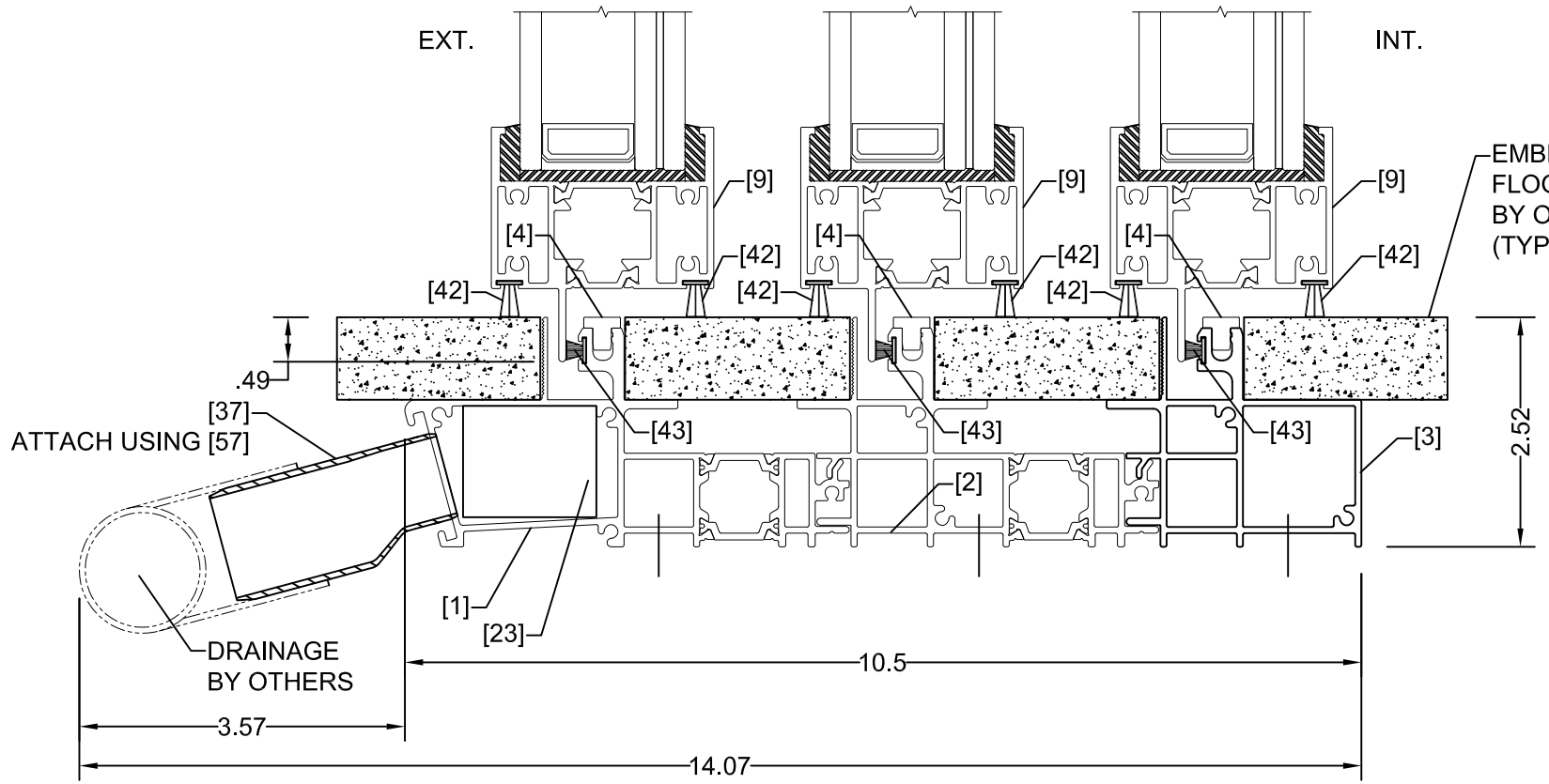
SECTION A
TYPICAL HEAD SECTION



SECTION C
TYPICAL INTERLOCK SECTION



SECTION D
TYPICAL JAMB SECTION



SECTION B
TYPICAL SILL SECTION

EMBEDDED
FLOORING
BY OTHERS
(TYP)

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GLAZING AND SECTION DETAILS

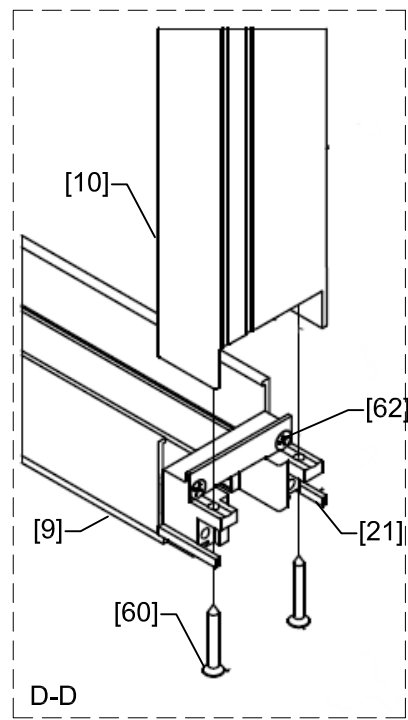
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Sheet: 2 of 6

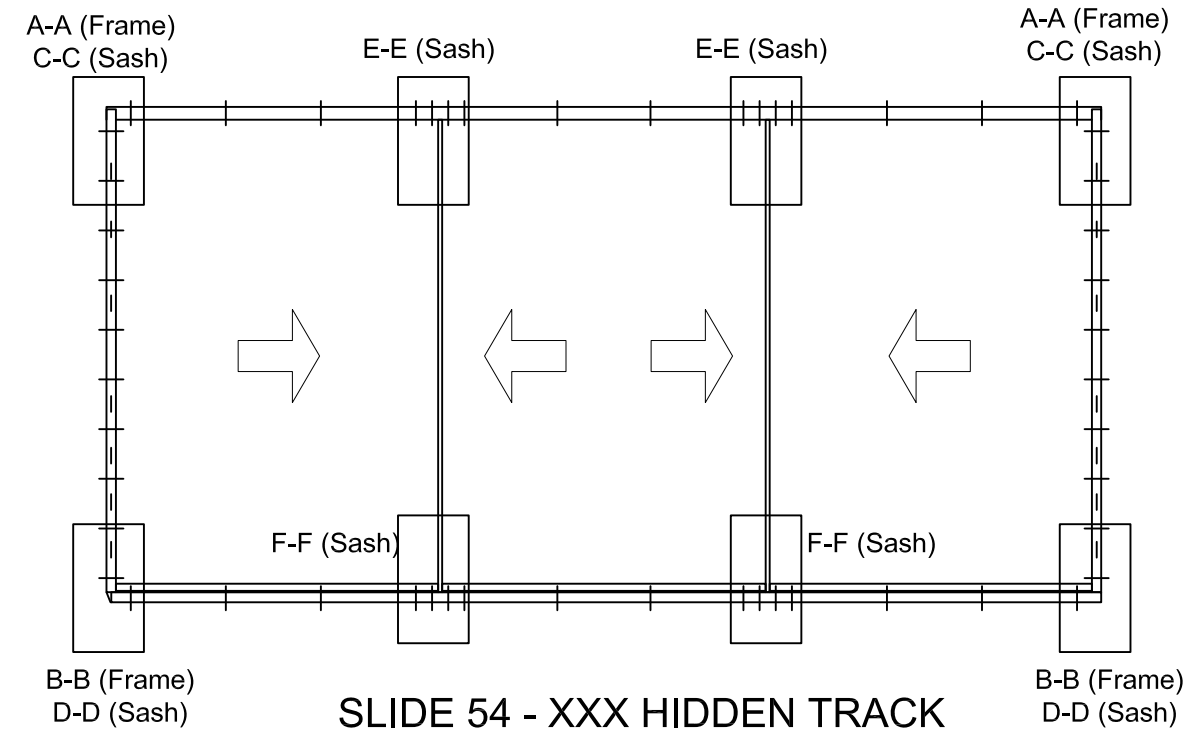
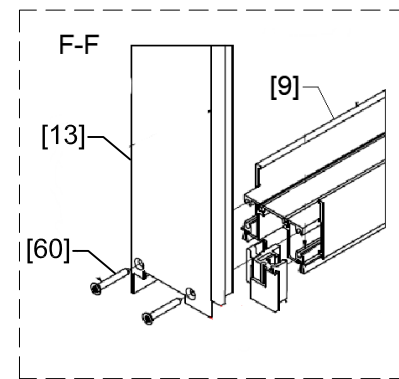
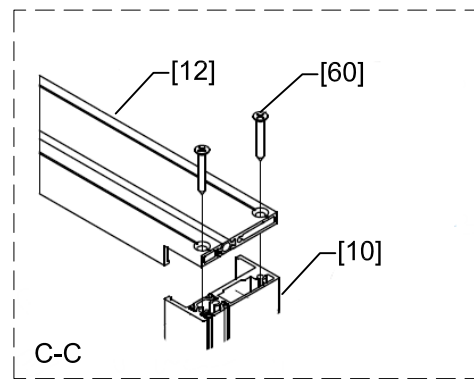
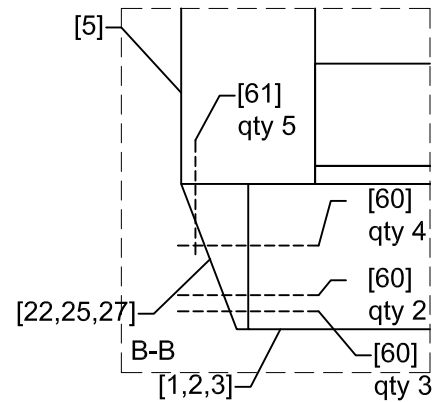
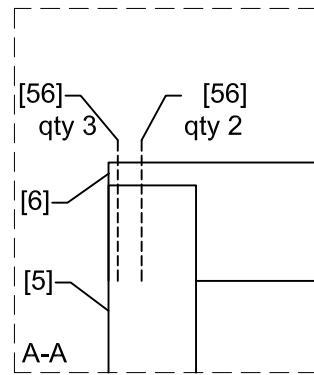
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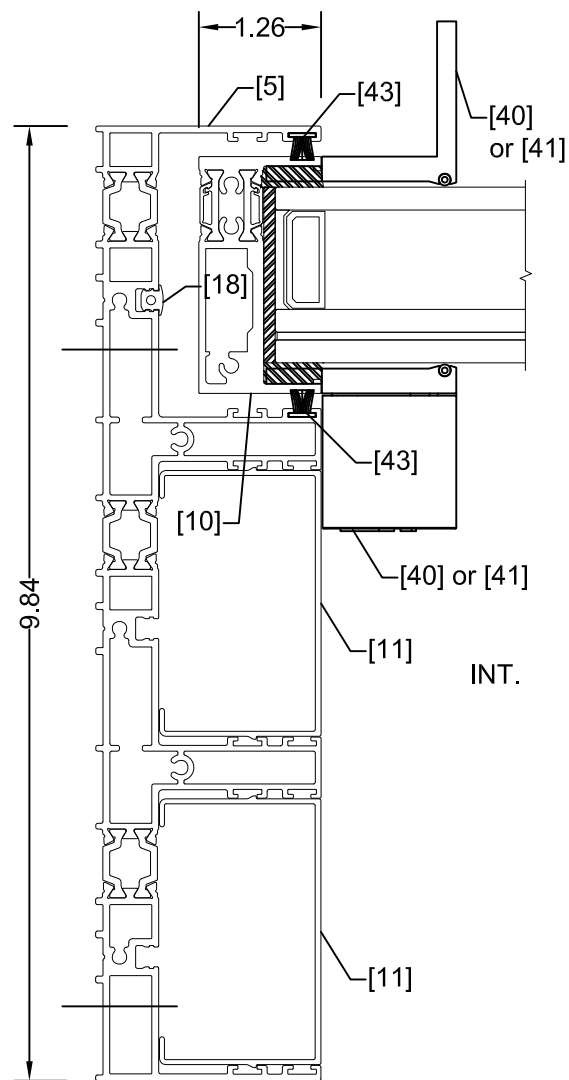


EXT.



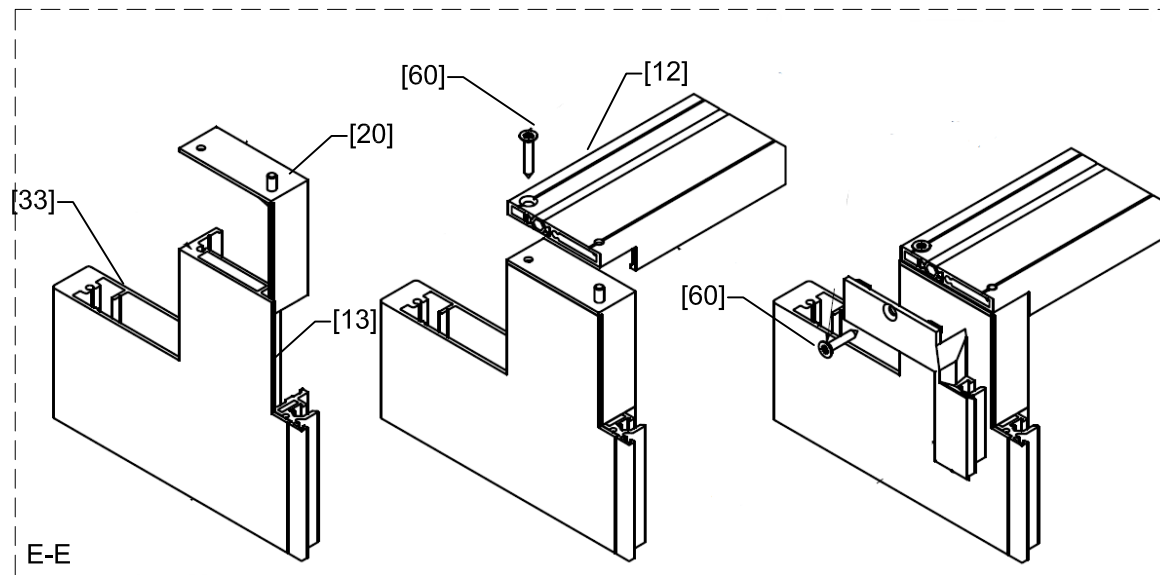
SLIDE 54 - XXX HIDDEN TRACK

OUTSIDE VIEW - SCALE: 1/48

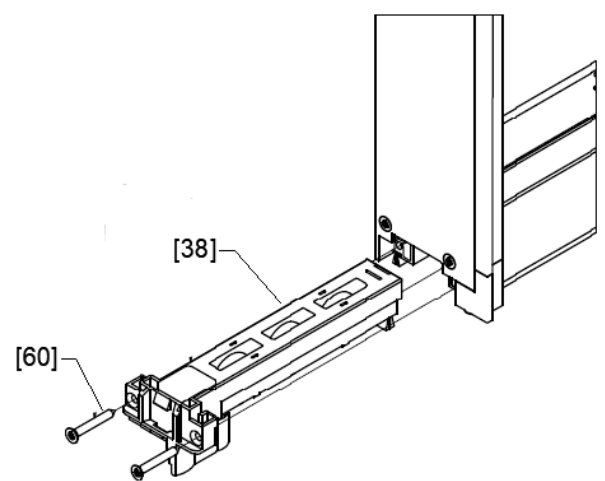
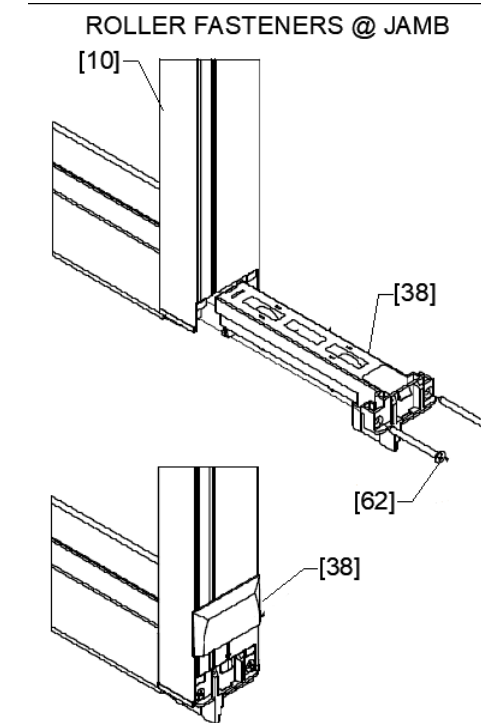


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SECTION E
TYPICAL JAMB SECTION

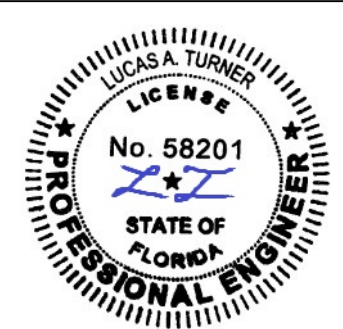


E-E



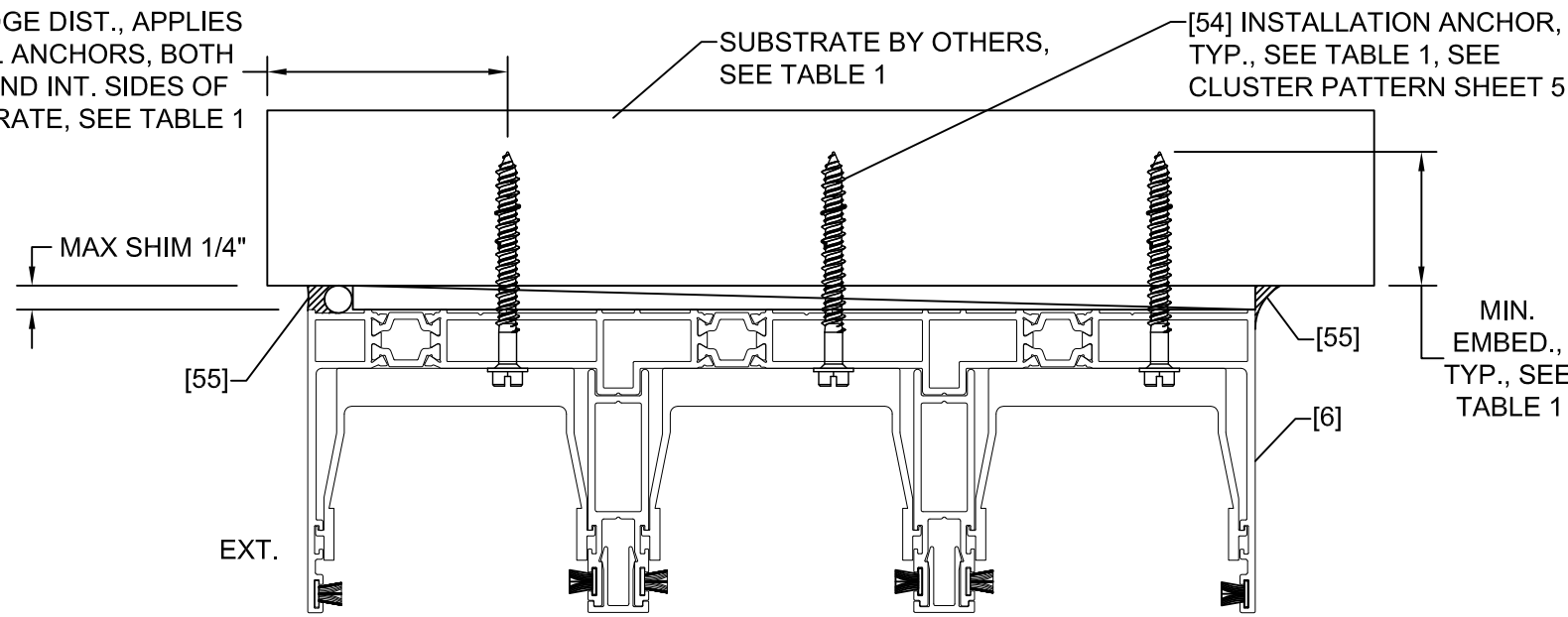
ROLLER FASTENERS @ INTERLOCK

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		Rev: A
<p>Sheet Title: SECTION, JOINERY DETAILS</p>		Scale: NTS
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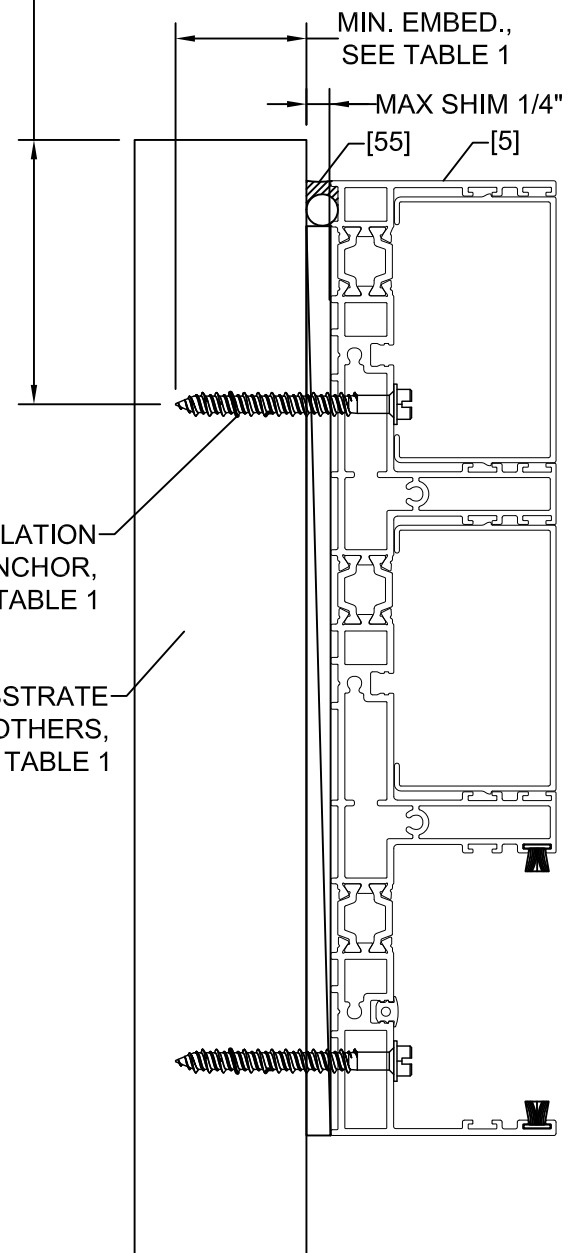
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MIN. EDGE DIST., APPLIES TO ALL ANCHORS, BOTH EXT. AND INT. SIDES OF SUBSTRATE, SEE TABLE 1



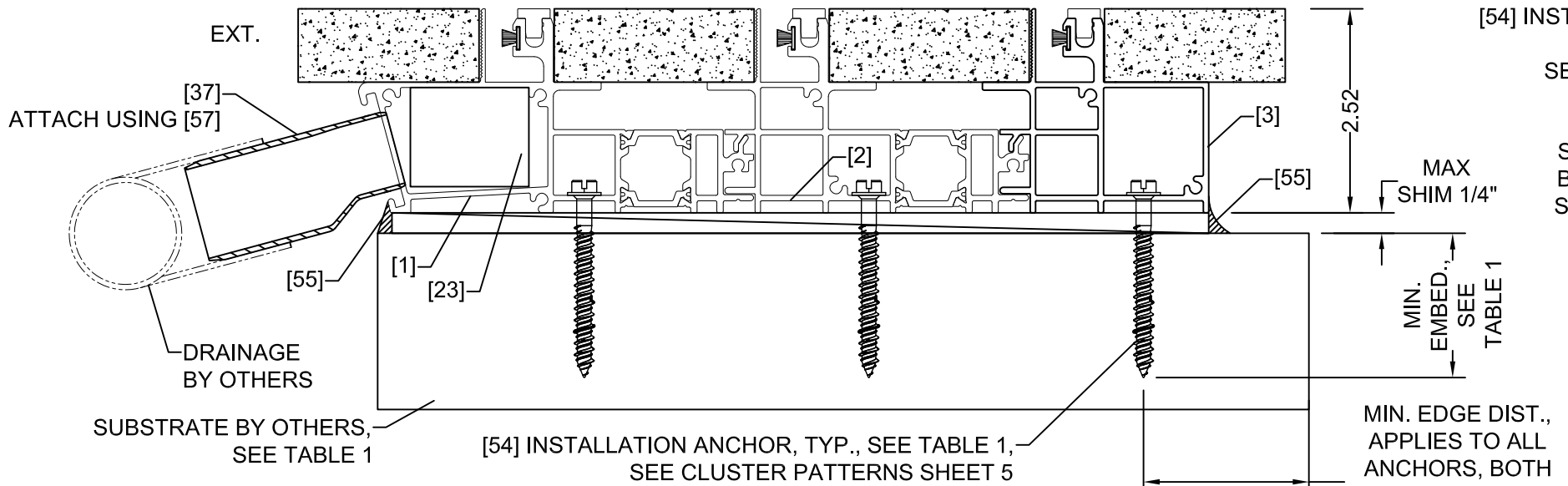
TYPICAL HEAD INSTALLATION DETAIL

MIN. EDGE DIST., APPLIES TO ALL ANCHORS, BOTH EXT. AND INT. SIDES OF SUBSTRATE, SEE TABLE 1



TYPICAL JAMB INSTALLATION DETAIL

- GENERAL ANCHOR NOTES:**
1. INSTALL ANCHORS AS INDICATED IN DETAILS ON SHEET 2 AT EACH LOCATION SHOWN IN THE ELEVATION ON SHEET 1. JAMBS REQUIRE TWO ANCHORS PER LOCATION, WHILE HEAD/SILL USE CLUSTERS OF ANCHORS AT EACH LOCATION WITH PATTERNS AS SHOWN ON SHEET 5.
 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. FOR ATTACHMENT TO METAL SUBSTRATES ENSURE FULL THREAD ENGAGEMENT THROUGH METAL WALL WITH MIN. 3 THREADS BEYOND.
 5. FOR MASONRY WITH WOOD BUCKS LESS THAN 1-1/2" THICK, EMBEDMENT SHALL BE BEYOND WOOD BUCKS AND INTO MASONRY. WOOD BUCKS ARE OPTIONAL WITH MASONRY INSTALLATIONS WHERE MASONRY EDGE DISTANCE CONDITIONS ARE MET WITH NO BUCKS. WOOD BUCKS 1-1/2" THICK OR GREATER SHALL HAVE EMBEDMENT INTO THE WOOD BUCKS.
 6. ENSURE 4" MIN. ON-CENTER SPACING BETWEEN ANY TWO INSTALLATION ANCHORS.



TYPICAL SILL INSTALLATION DETAIL

TABLE 1: INSTALLATION ANCHOR REQUIREMENTS TABLE
NOTE: ALL ANCHORS ARE PAN HEAD OR HEX WASHER HEAD

SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBED.	MIN. EDGE DISTANCE
CONCRETE (3.05 KSI MIN)	1/4" DEWALT ULTRACON+	1-3/8"	1"
GROUT-FILLED CMU (ASTM C-90)	1/4" DEWALT ULTRACON+	1-3/4"	1"
HOLLOW CMU (ASTM C-90)	1/4" DEWALT ULTRACON+	1-1/4"	2-1/2"
2X MIN. SPRUCE-PINE-FIR WOOD (G=0.42 MIN.)	1/4" DEWALT ULTRACON+	1-3/8"	1"
16 GAUGE (0.060") MIN. STEEL STUD, 33KSI YIELD MIN., OR 1/8" ALUM. 6063-T5 MIN.	1/4"-14 HILTI KWIK-FLEX OR ITW TEKS SELF-DRILLING SCREW	FULL + 3 THREADS	1/2"

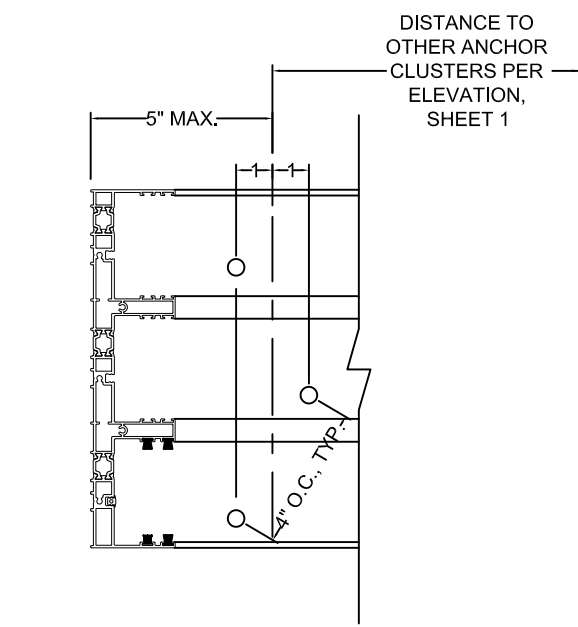
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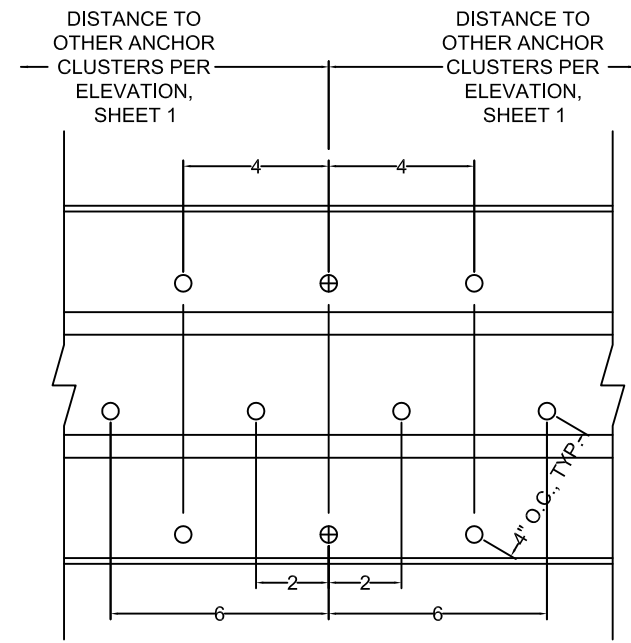
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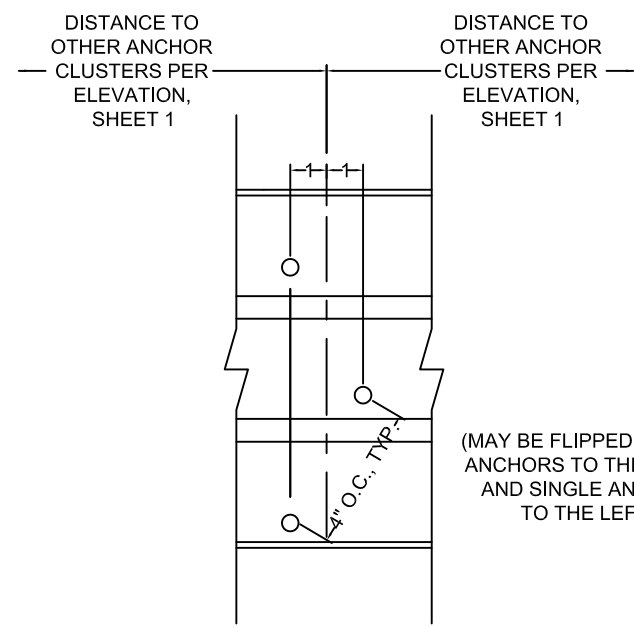
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3-ANCHOR CLUSTER AT ENDS



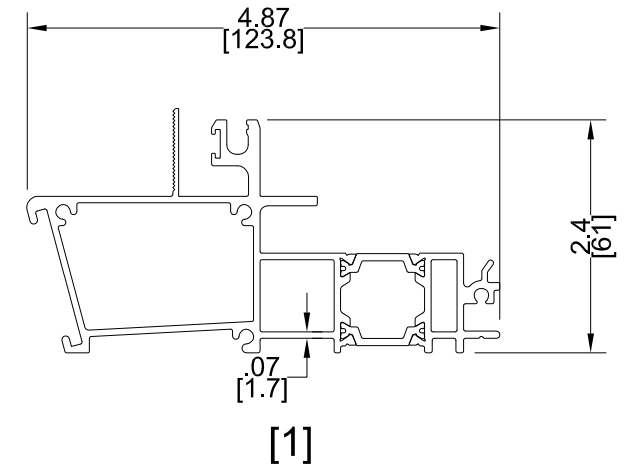
10-ANCHOR CLUSTER AT INTERLOCKS



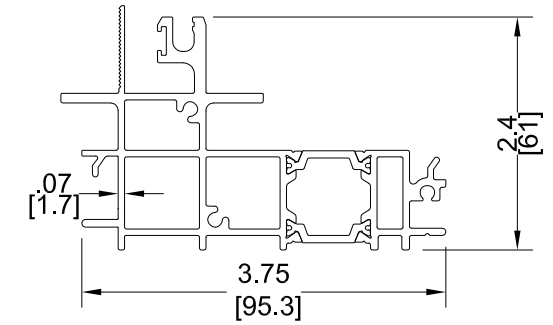
INTERMEDIATE 3-ANCHOR CLUSTER

HEAD AND SILL ANCHOR PATTERNS

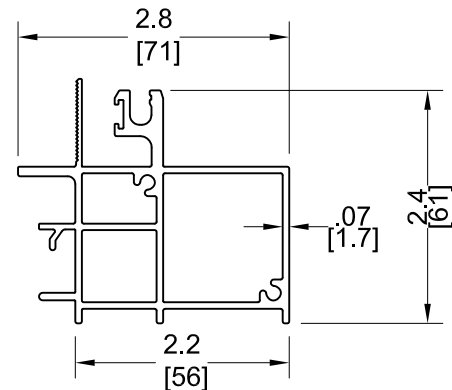
(MAY BE FLIPPED W/ TWO ANCHORS TO THE RIGHT AND SINGLE ANCHOR TO THE LEFT)



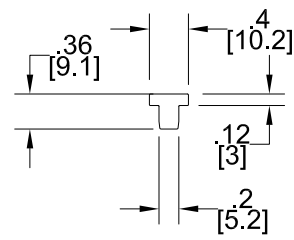
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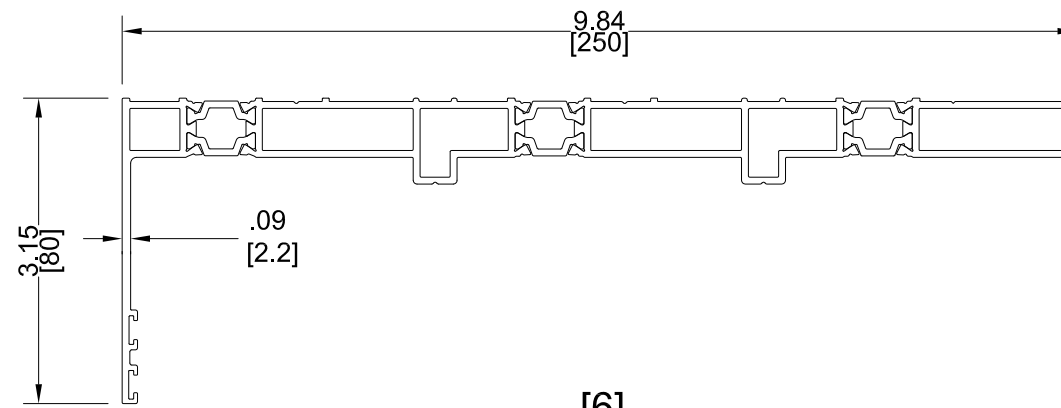
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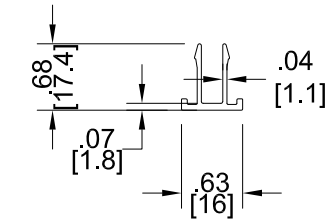
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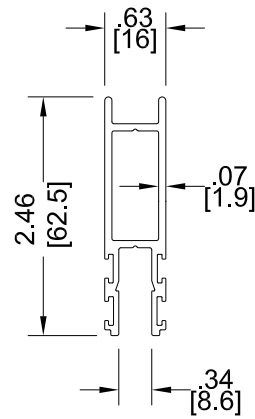
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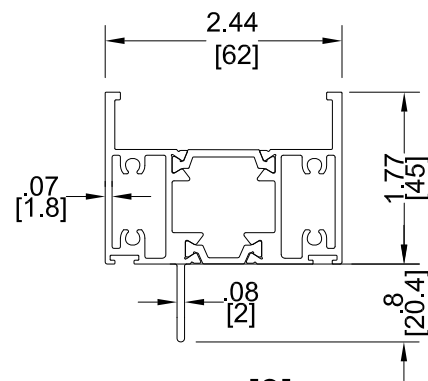
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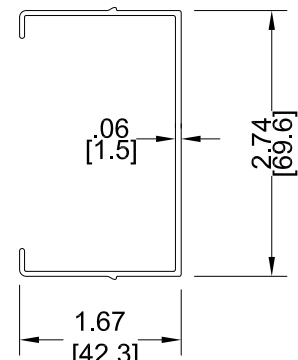
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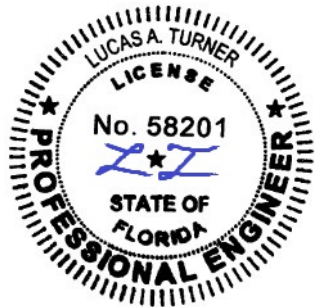


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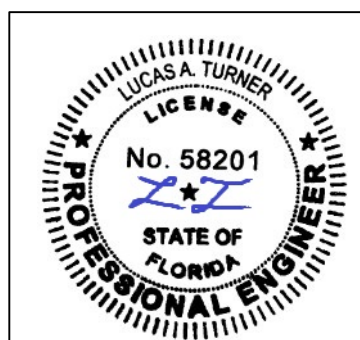
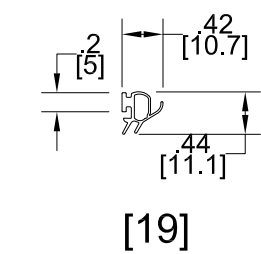
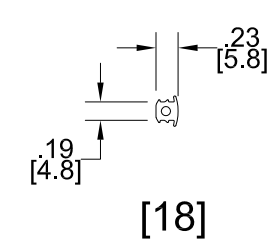
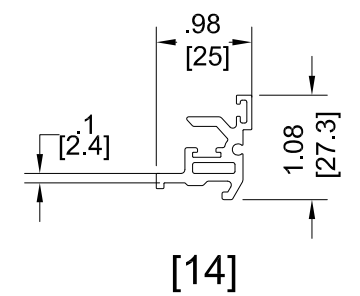
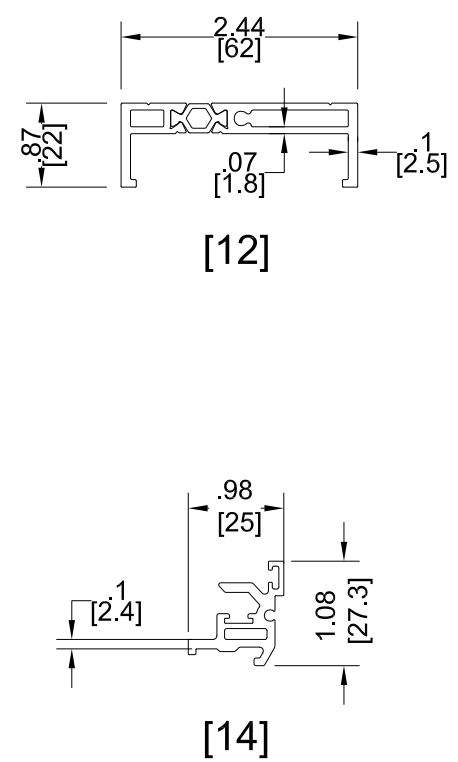
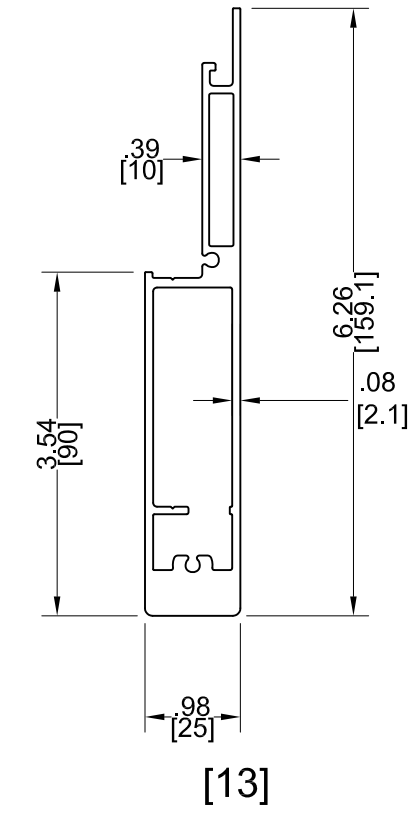
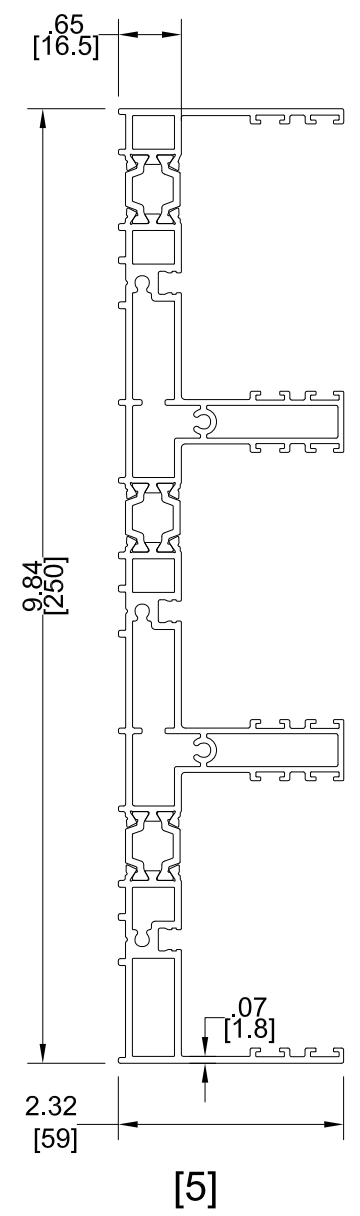
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Tag	Part #	Part Name	Material Type
1	LUX-S54-0001	Triple Rail Sill Frame	6060-T66 Alum w/ Polyamide Strut
2	LUX-S54-0002	Triple Rail Sill Frame	6060-T66 Alum w/ Polyamide Strut
3	LUX-S54-0003	Triple Rail Sill Frame	6060-T66 Alum w/ Polyamide Strut
4	LUX-S54-0004	SS Rail	304 Stainless Steel
5	LUX-S54-0005	Triple Rail Jamb Frame	6060-T66 Alum w/ Polyamide Strut
6	LUX-S54-0006	Triple Rail Head Frame	6060-T66 Alum w/ Polyamide Strut
7	LUX-S54-0007	Cover Clip Profile	6060-T66 Alum
8	LUX-S54-0008	Adapter Profile	6060-T66 Alum
9	LUX-S54-0009	Lower Sash Profile	6060-T66 Alum w/ Polyamide Strut
10	LUX-HDL-0016	Sash Handle Profile	6060-T66 Alum w/ Polyamide Strut
11	LUX-S54-0010	Vertical Infill Profile	6060-T66 Alum
12	LUX-S54-0011	Upper Sash Frame	6060-T66 Alum w/ Polyamide Strut
13	LUX-S54-0012	HD Interlock	6060-T66 Alum
14	LUX-S54-0013	PVC For Interlock	Polyamide
18	LUX-GKT-0014	Frame Guide Gasket	EPDM
19	LUX-GKT-0015	Interlock Gasket	EPDM
20	LUX-COV-0004	Interlock End Cap Set - Right	Plastic
21	LUX-COV-0005	Straight Cut Connector Set	Plastic
22	LUX-COV-0006	31604 Frame End Cap Set	Plastic
23	LUX-GKT-0016	31604 Foam Barrier	Foam
25	LUX-COV-0007	31606 Frame End Cap Set	Plastic
27	LUX-COV-0008	31608 Frame End Cap Set	Plastic
28	LUX-COV-0009	Interlock Bottom End Cap Set	Plastic
30	LUX-PRK-0009	Sash Spacers	Plastic
31	LUX-GKT-0017	Upper Central Seal Set	Plastic
32	LUX-COV-0010	Upper Interlock End Cap Set	Plastic
33	LUX-COV-0011	HD Interlock End Cap Set	Plastic
37	LUX-EXT-0004	Drainage Adaptor	Plastic
38	LUX-COV-0012	Roller Cassette and Cap Set	Aluminu and Plastic
40	LUX-HDL-0017	Handle and Lock Kit - Right by LuxView	6060 Aluminum
41	LUX-HDL-0018	Handle and Lock Kit - Left by LuxView	6060 Aluminum
42	LUX-GKT-0018	Brush - 12mm MONOFIN	Brush Weatherstrip Pile
43	LUX-GKT-0019	Brush - 6mm MONOFIN	Brush Weatherstrip Pile
45	LUX-HDL-0019	Adjustable Locking Point Kit	Cast Aluminum w/ Stainless Steel Pin
47	LUX-HDL-0020	Front Lock Protection	Plastic
48	LUX-STP-0001	Shock Absorber	Plastic
50	LUX-COV-0013	End Cap Set	Plastic
51	LUX-GKT-0020	Lower Central Seal Set	Plastic
53	DOW995	Silicone	Silicone
54	-	Installation Anchor, See Table 1	
55	DOW795	Silicone	Silicone
56	LUX-FST-0011	DIN 7982 PAN 4.2 x 38 A2 PH Screw	18-8 Stainless Steel
57	LUX-FST-0012	DIN 7981 CSK 4.2 x 13 A2 PH Screw	18-8 Stainless Steel
58	WT-66	Structural Adhesive	Silane-Modified Polymer
59	LUX-PRK-0010	2mm Packer	Plastic
60	LUX-FST-0013	DIN 7981 CSK 4.2 x 32 A2 PH Screw	18-8 Stainless Steel
61	LUX-FST-0014	DIN 7982 CSK 4.2 x 32 A2 PH Screw	18-8 Stainless Steel
62	LUX-FST-0015	DIN 7981 CSK 4.2 x 50 A2 PH Screw	18-8 Stainless Steel



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