

SERIES 3-4250i-HP-XLT

THERMALLY BROKEN ALUMINUM PROJECT-IN CASEMENT WINDOW

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE REQUIREMENTS OF THE 8th EDITION (2023) FLORIDA BUILDING CODE INCLUDING THE HIGH VELOCITY HURRICANE ZONE. CODE REQUIREMENTS FOR SAFEGUARDS MUST BE OBSERVED.

2. THIS PRODUCT IS APPROVED IN THE CONFIGURATIONS INDICATED IN THIS DRAWING. IF MULTIPLE PRODUCTS OR FRAMING OPTIONS AS INDICATED HEREIN, AND/OR AS NOTED IN SEPARATE APPROVALS, ARE ASSEMBLED TOGETHER, THE LOWEST DESIGN PRESSURE OF ALL PRODUCTS/OPTIONS SHALL APPLY TO THE ENTIRE ASSEMBLY.

3. THIS PRODUCT AS SHOWN IN THIS DRAWING IS LARGE AND SMALL MISSILE IMPACT RESISTANT. AND DOES NOT REQUIRE THE USE OF IMPACT PROTECTIVE DEVICES (SHUTTERS) IN WINDBORNE DEBRIS REGIONS.

4. GLAZING AS INDICATED IS COMPLIANT WITH ASTM-E1300.

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. 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, AND BUCKING FASTENERS MUST BER PROPERLY DESIGNED & INSTALLED BY OTHERS IN ACCORDACE WITH THE FBC TO TRANSFER SUPERIMPOSED LOADS TO THE STRUCTURE. WITH MASONRY OPENINGS, PRODUCTS MAY BE INSTALLED DIRECTLY TO MASONRY.

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 THIS PRODUCT.

8. ANCHORAGE NOTES: ALL ANCHORS USED SHALL BE OF A MATERIAL OR HAVE A COATING COMPATIBLE WITH THE PRESSURE TREATED WOOD BUCKS AND ALL OTHER WINDOW MATERIALS. INSTALL ONE ANCHOR AT EACH THROUGH-FRAME LOCATION SHOWN IN THE ELEVATIONS IN THIS DRAWING, AND TWO ANCHORS THROUGH EACH CLIP AT EACH CLIP LOCATION SHOWN IN THE ELEVATIONS IN THIS DRAWING. INSTALL SHIMS AT EACH ANCHOR LOCATION WHERE A GAP OF 1/16" OR GREATER EXISTS BETWEEN FRAME OR CLIP AND SUBSTRATE. SHIMS SHALL BE LOAD-BEARING, NON-COMPRESSIBLE, AND CAPABLE OF TRANSFERRING LOADS TO SUBSTRATE. SPECIFIED ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL FINISH OR STUCCO. ENSURE 4" MINIMUM SPACING BETWEEN ANY TWO THROUGH-FRAME INSTALLATION FASTENERS, AND 2.5" MINIMUM SPACING BETWEEN ANY TWO CLIP INSTALLATION FASTENERS.

9. WOOD BUCKS LESS THAN 1 1/2" THICK ARE OPTIONAL AND MAY BE USED WITH CONCRETE/CMU, WITH ANCHOR EMBEDMENT BEYOND WOOD BUCKS AND INTO THE CONCRETE/CMU. WHEN WOOD WITH 1 1/2" THICK OR GREATER ARE USED, ANCHORAGE SHALL BE TO THE WOOD BUCK USING ONE OF THE APPROVED METHODS IN THIS DRAWING FOR ATTACHMENT TO WOOD.

10. ALL HARDWARE AND 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 STRAGETIES FOR OVEALL WATE INFILTRATIN RESISTANCE OF THE INSTALLED PRODUCT SHALL BE THE RESPONSIBILITY OF OTHERS AND ARE NOT ADDRESSED BY THIS DOCUMENT.

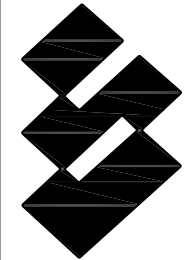
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Lucas Turner
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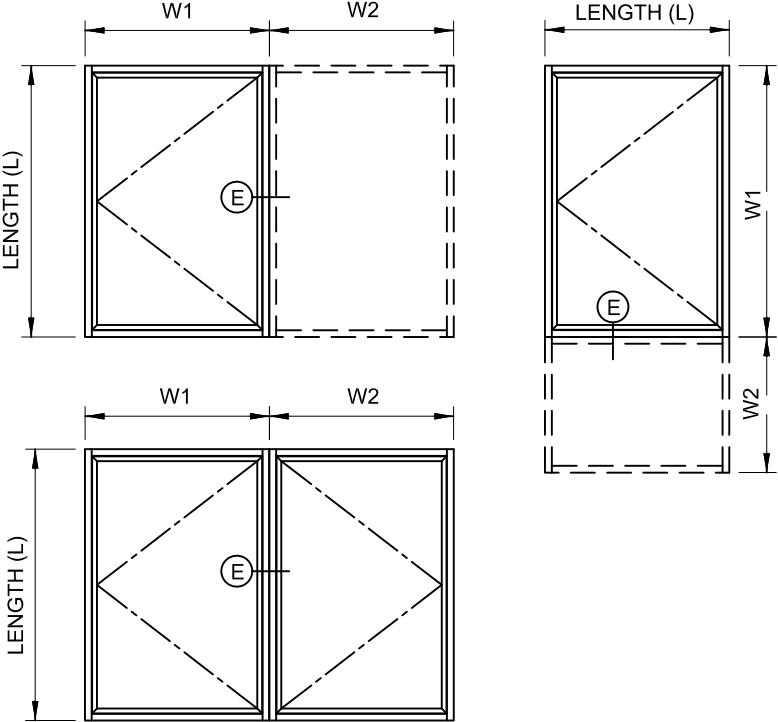
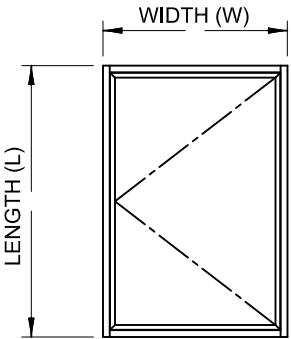
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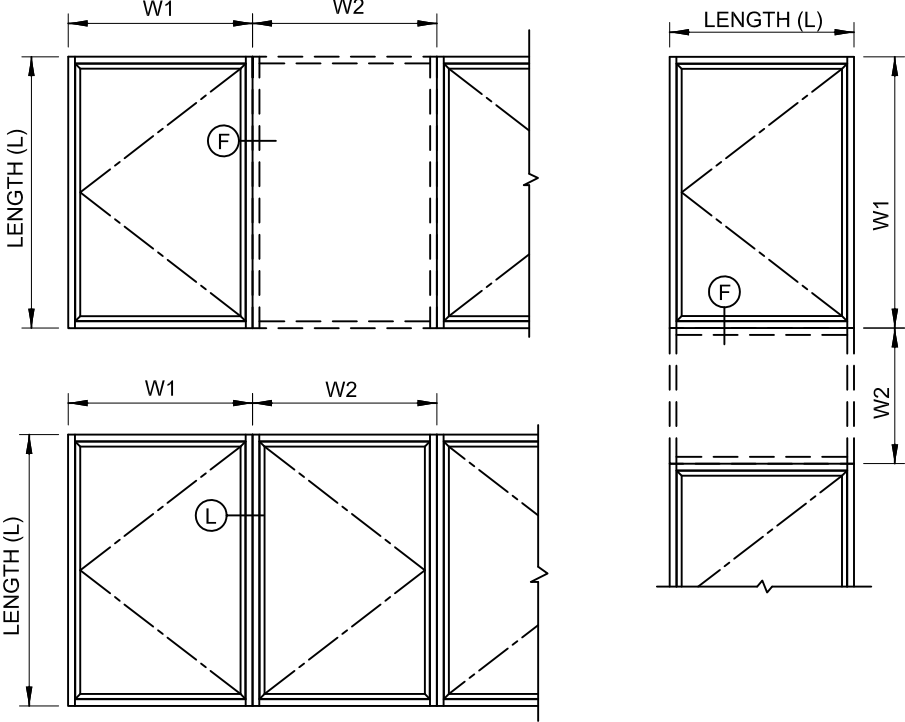
TABLE#1			
CASEMENT WINDOW DESIGN LOAD CAPACITY - PSF			
WINDOW DIMS.		LEVEL "D" IMPACT	LEVEL "E" IMPACT
		EXT. (+) INT. (-)	EXT. (+) INT. (-)
WIDTH (W)	LENGTH (L)		
36"	54"	80.0	100.0
42"		80.0	100.0
48"		80.0	100.0
54"		80.0	100.0
60"		80.0	100.0
66"		80.0	100.0
36"	60"	80.0	100.0
42"		80.0	100.0
48"		80.0	100.0
54"		80.0	100.0
60"		80.0	100.0
36"	66"	80.0	100.0
42"		80.0	100.0
48"		80.0	100.0
54"		80.0	100.0
36"	72"	80.0	100.0
42"		80.0	100.0
48"		80.0	100.0
52"		80.0	100.0
36"	74 7/8"	80.0	100.0
42"		80.0	100.0
48"		80.0	100.0
50 7/8"		80.0	100.0

TABLE #2		
INTEGRAL IMPOST DESIGN LOAD CAPACITY - PSF		
WINDOW DIMS.		EXT. (+) INT. (-)
WIDTH (W)	LENGTH (L)	
24"	54"	100.0
30"		100.0
36"		100.0
42"		100.0
48"		100.0
54"		100.0
60"		100.0
66"		100.0
24"	60"	100.0
30"		100.0
36"		100.0
42"		100.0
48"		100.0
54"		100.0
60"		100.0
24"	66"	100.0
30"		100.0
36"		100.0
42"		100.0
48"		100.0
24"	72"	100.0
30"		100.0
36"		100.0
42"		98.3
48"		87.7

TABLE #3		
STACK MULLION DESIGN LOAD CAPACITY - PSF		
WINDOW DIMS.		EXT. (+) INT. (-)
WIDTH (W)	LENGTH (L)	
24"	54"	100.0
30"		100.0
36"		100.0
42"		100.0
48"		100.0
54"		100.0
60"		100.0
66"		100.0
24"	60"	100.0
30"		100.0
36"		100.0
42"		100.0
48"		100.0
54"		100.0
60"		100.0
24"	66"	100.0
30"		100.0
36"		100.0
42"		100.0
48"		100.0
24"	72"	100.0
30"		100.0
36"		100.0
42"		100.0
48"		92.1



$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$



$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$

FOR FIXED LITE WINDOWS SEE SEPARATE FPA
APPROVAL FOR DESIGN LOAD RATING AND DETAILS.

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TYPICAL ANCHORS (SEE ELEVATIONS FOR SPACING):

1/4" DIA. ULTRACON+ COATED STEEL BY DEWALT

INTO 2X WOOD BUCKS OR WOOD STRUCTURES (G=0.55 MIN.):
1 1/2" MIN. PENETRATION INTO WOOD.

THRU 1X BUCKS INTO CONC. OR MASONRY, OR
DIRECTLY INTO CONC. OR MASONRY:
1 3/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)
1 1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)

CONCRETE/MASONRY SUBSTRATES MUST NOT BE CRACKED.
CONCRETE AT HEAD OR JAMBS $f_c = 3050$ PSI MIN.
MASONRY/BLOCK AT JAMBS NORMAL WEIGHT PER ASTM C-90

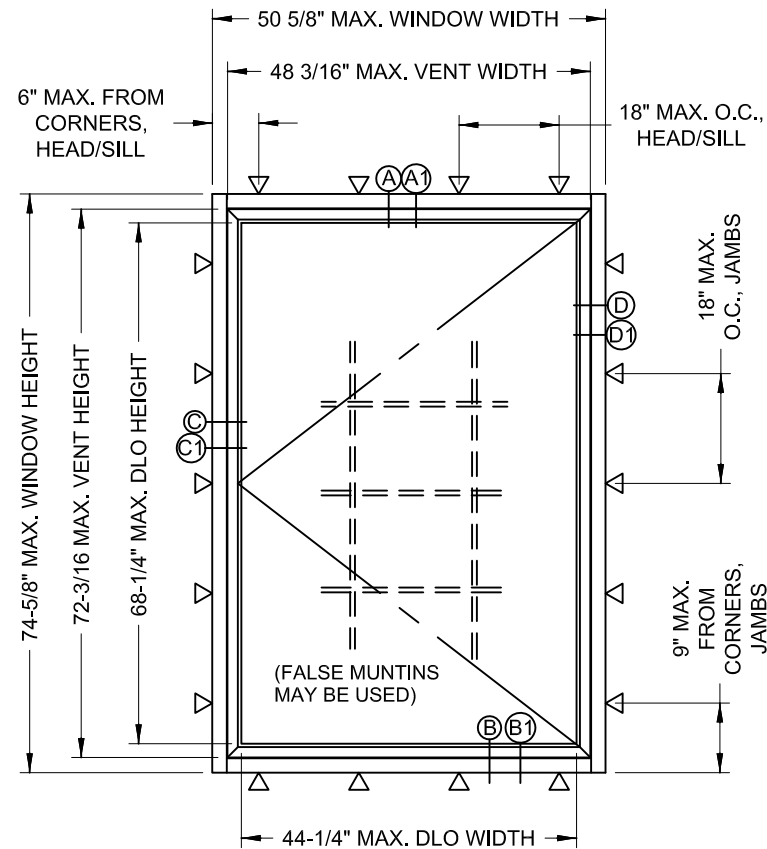
1/4" DIA. SELF DRILLING SCREWS (GRADE 5 CRS)

INTO METAL STRUCTURES
STEEL: 12 GA. MIN. ($F_y=36$ KSI MIN.)
ALUMINUM: 1/8" THICK MIN. (6063-T5 MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

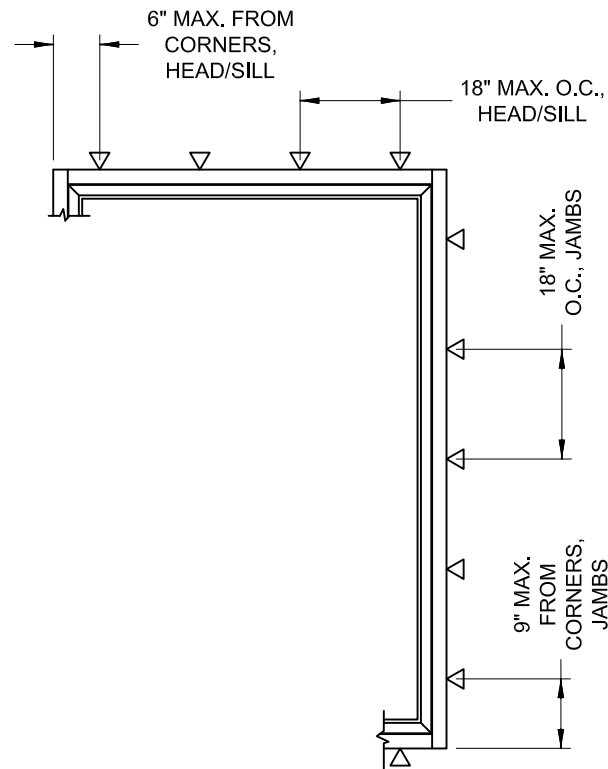
TYPICAL EDGE DISTANCES:

INTO CONCRETE AND MASONRY = 1 1/2" MIN.
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

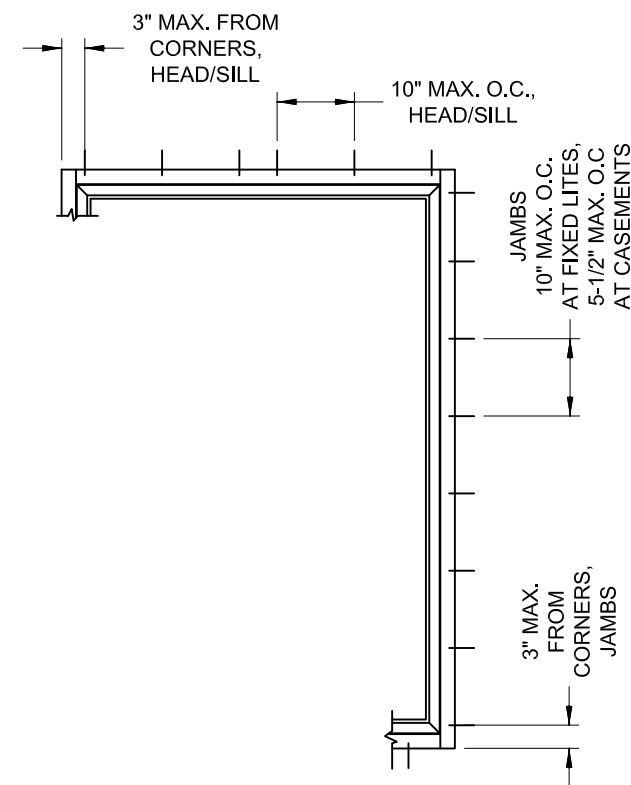
OPENING SUBSTRATE STRUCTURES NOT BY WAUSAU
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.



ANCHORS THRU
SLIDE IN CLIPS AT FRAMES
LEVEL "D" & "E" IMPACT
SEE SHEETS 7 & 8 FOR DETAILS

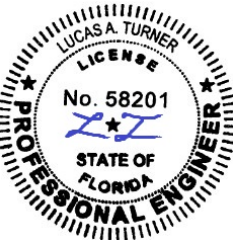


ANCHORS THRU
SLIDE IN CLIPS AT RECEPTOR
LEVEL "D" IMPACT ONLY
SEE SHEET 13 FOR DETAILS



ANCHORS DIRECTLY
THRU RECEPTOR
LEVEL "D" IMPACT ONLY
SEE SHEET 13 FOR DETAILS

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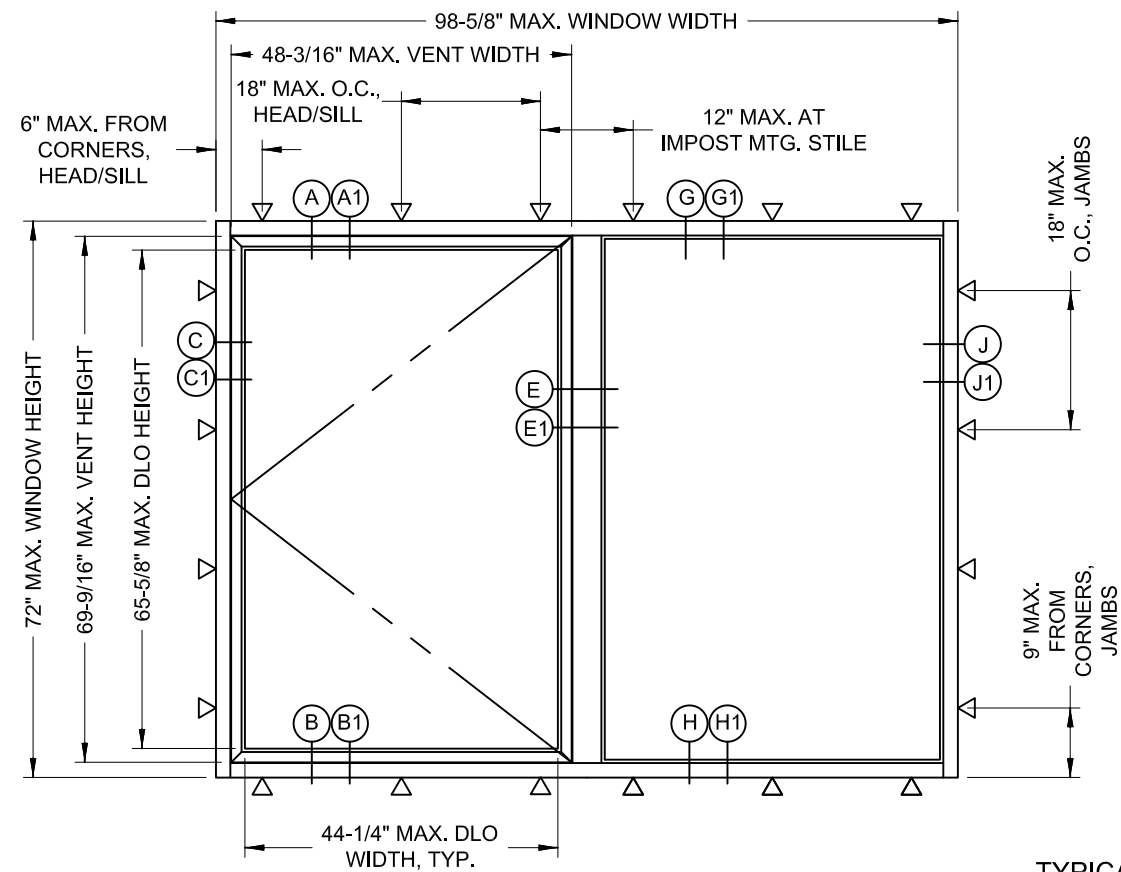
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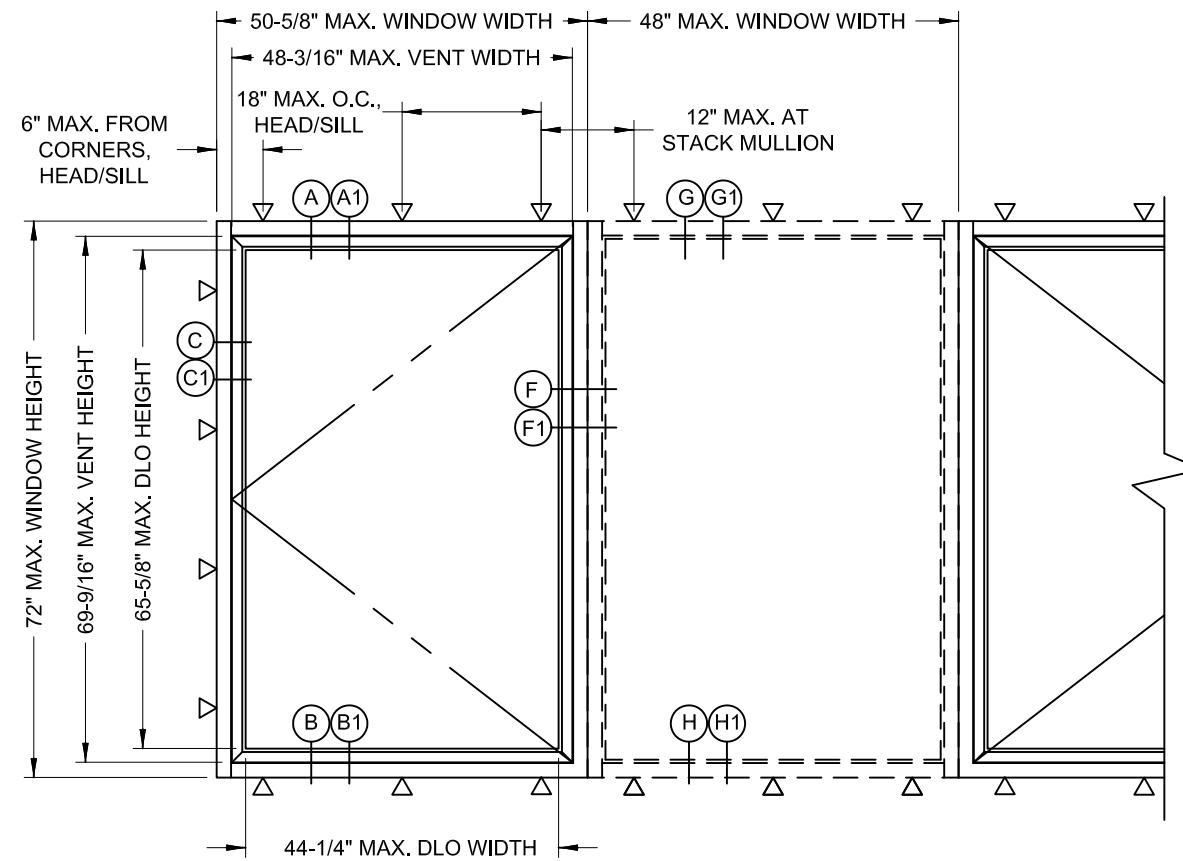
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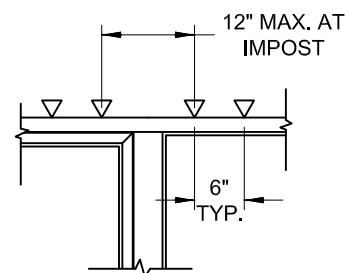
TYPICAL ELEVATIONS

ANCHORS THRU
SLIDE IN CLIPS AT FRAMES
LEVEL "D" & "E" IMPACT

(1) CLIP AT EACH SIDE OF
MTG. STILE AND STACK MULLION ENDS.
SEE SHEET 3 FOR WINDOW ANCHOR SPACING
AND 7 & 8 FOR DETAILS.

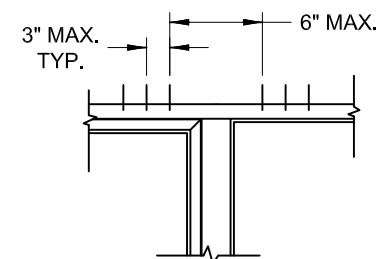
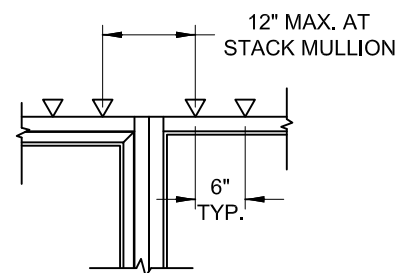


FOR FIXED LITE WINDOWS SEE
SEPARATE FPA APPROVAL FOR
DESIGN LOAD RATING AND DETAILS.



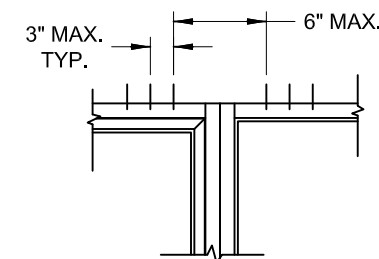
ANCHORS THRU
SLIDE IN CLIPS AT RECEPTOR
LEVEL "D" IMPACT ONLY

(2) CLIPS AT EACH SIDE OF
MTG. STILE AND STACK MULLION ENDS
SEE SHEET 3 FOR WINDOW ANCHOR SPACING
AND SHEET 13 FOR DETAILS.



ANCHORS
DIRECTLY THRU RECEPTOR
LEVEL "D" IMPACT ONLY

(3) ANCHORS AT EACH SIDE OF
MTG. STILE AND STACK MULLION ENDS
SEE SHEET 3 FOR WINDOW ANCHOR SPACING
AND SHEET 14 FOR DETAILS.



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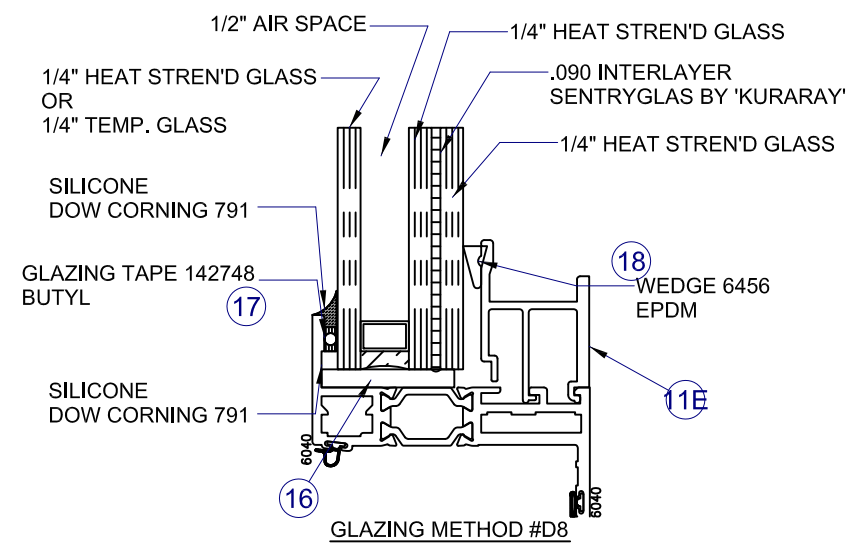
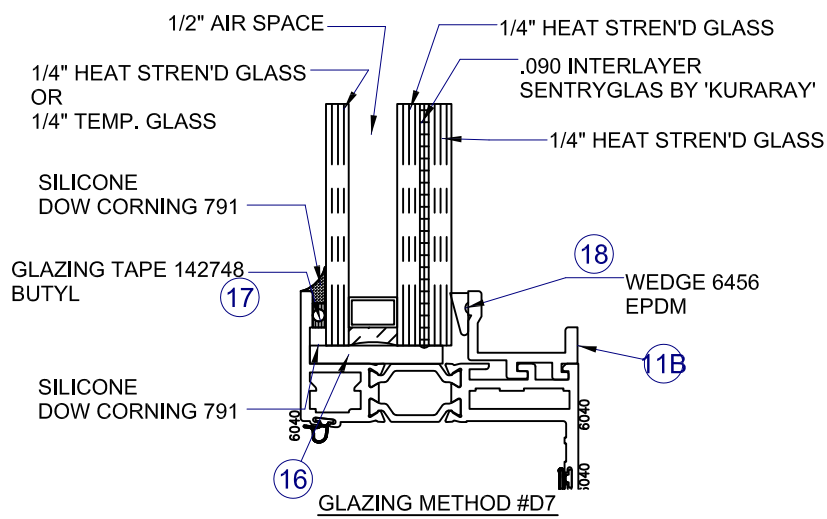
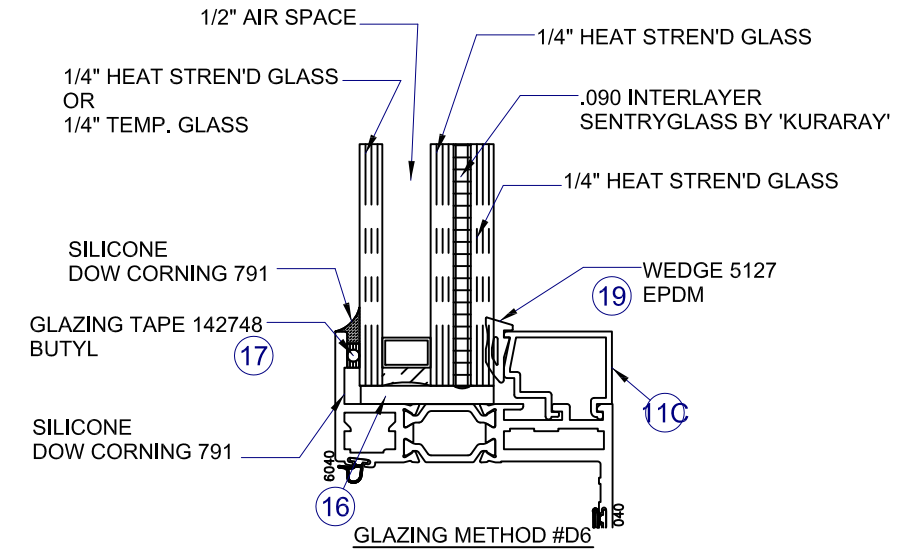
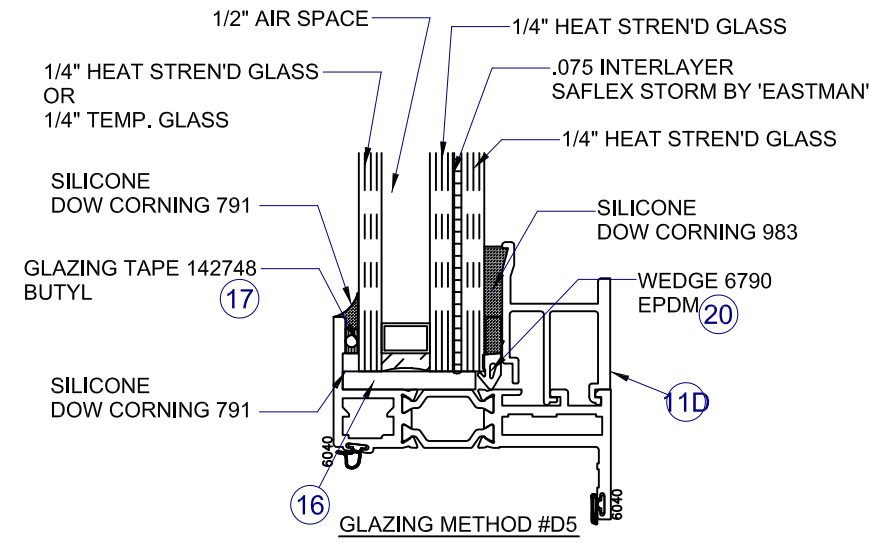
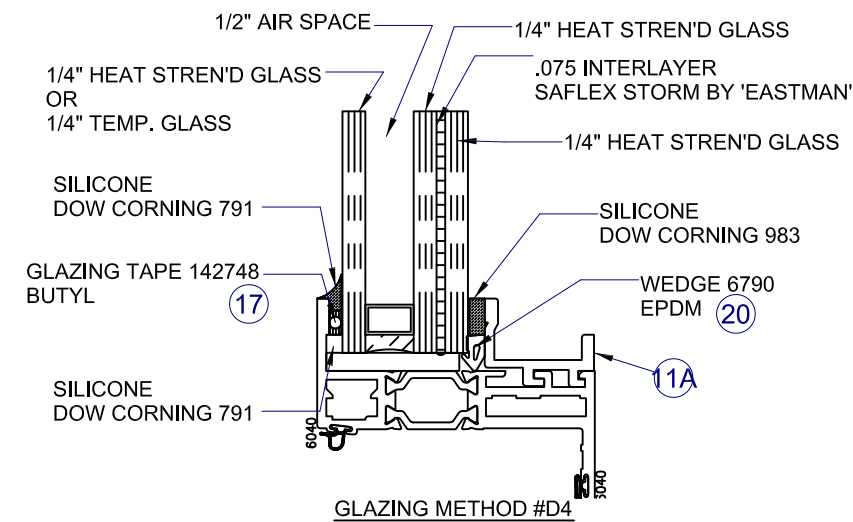
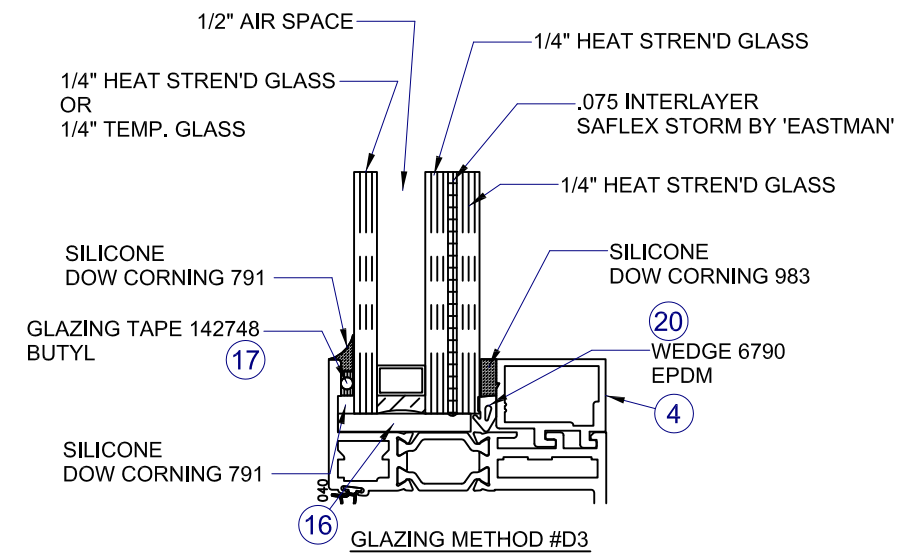
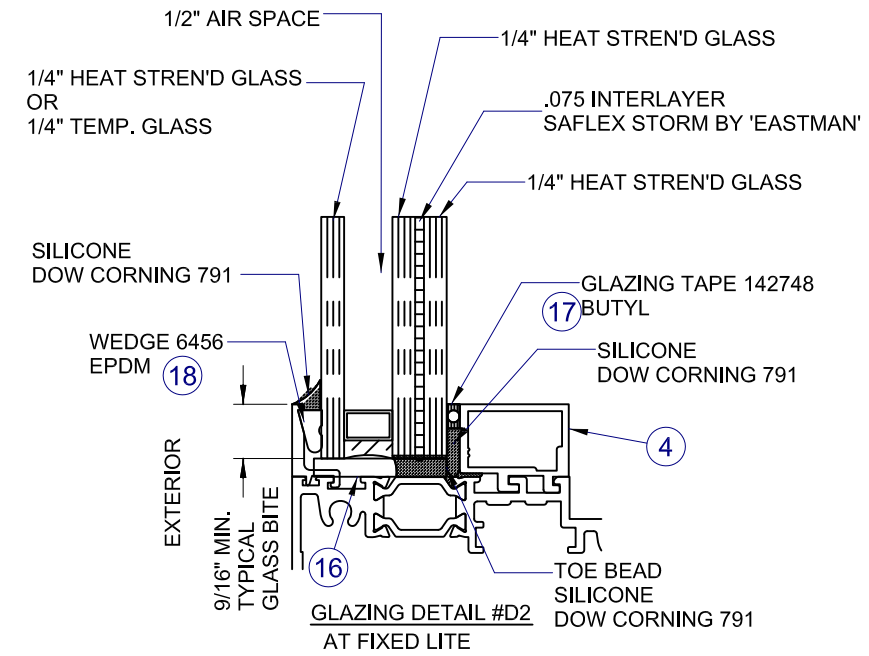
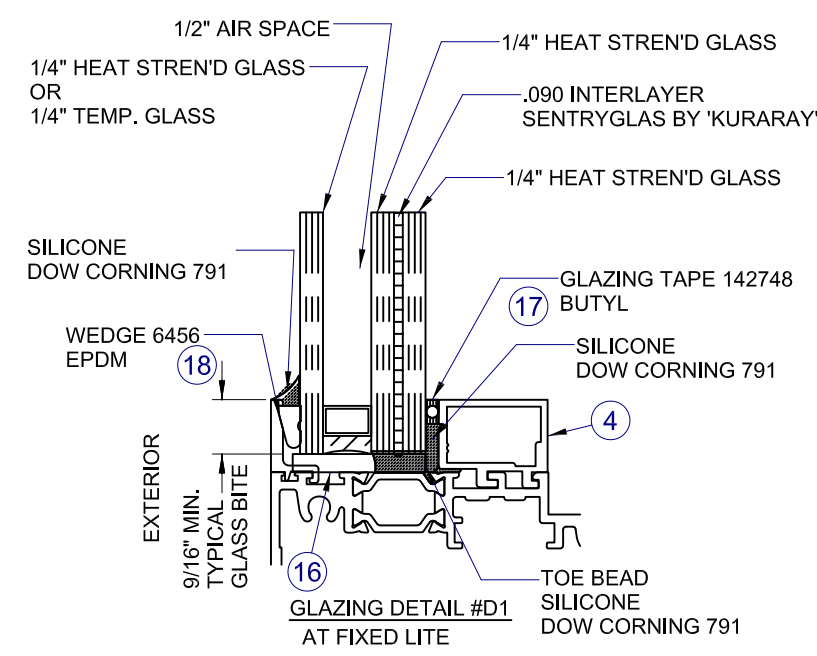
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1/2" AIR SPACE CONSISTING OF:
SPACER:
 ALUMINUM OR ST. STEEL BOX SPACER AROUND
 THE PERIMETER OF THE GLASS.
PRIMARY SEALANT:
 POLYISOBUTYLENE BETWEEN GLASS & SPACER.
SECONDARY SEALANT:
 SILICONE BETWEEN GLASS PLIES AND OUTER
 EDGES OF SPACER.

TO QUALIFY FOR SMALL MISSILE IMPACT RATING
 EXTERIOR PLY OF INSUL. LAM. GLASS MUST BE TEMPERED.

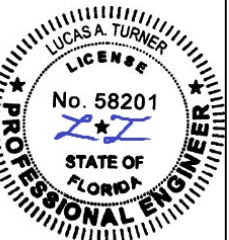
GLAZING DETAILS LEVEL 'D' IMPACT
 1 5/16" OVERALL INSULATING LAMNATED GLASS

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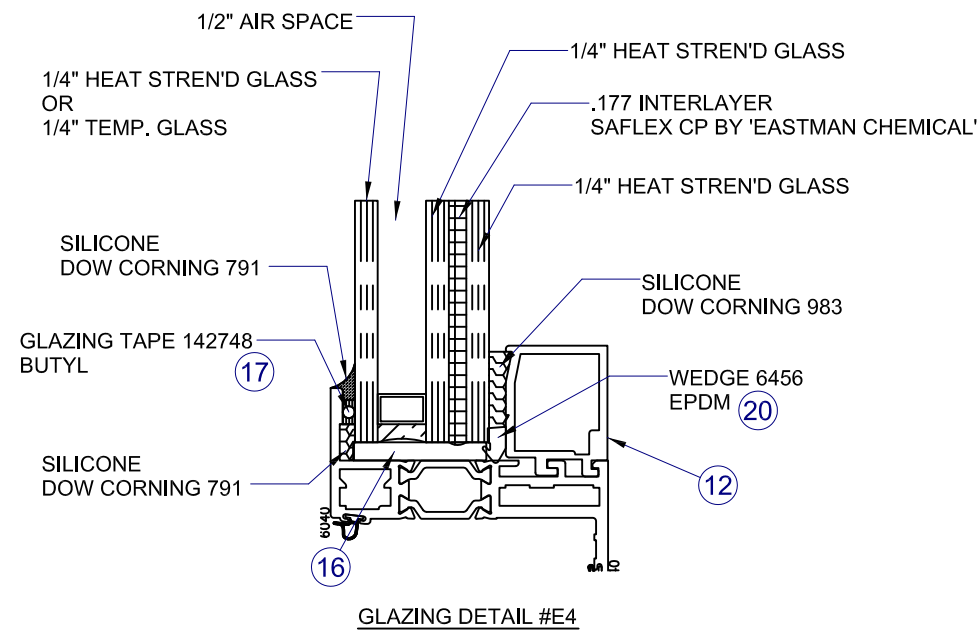
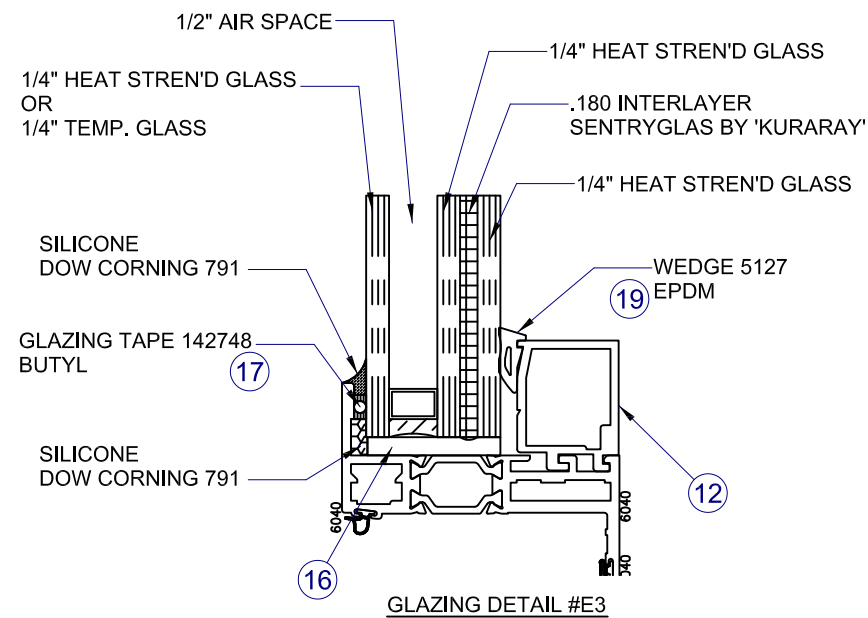
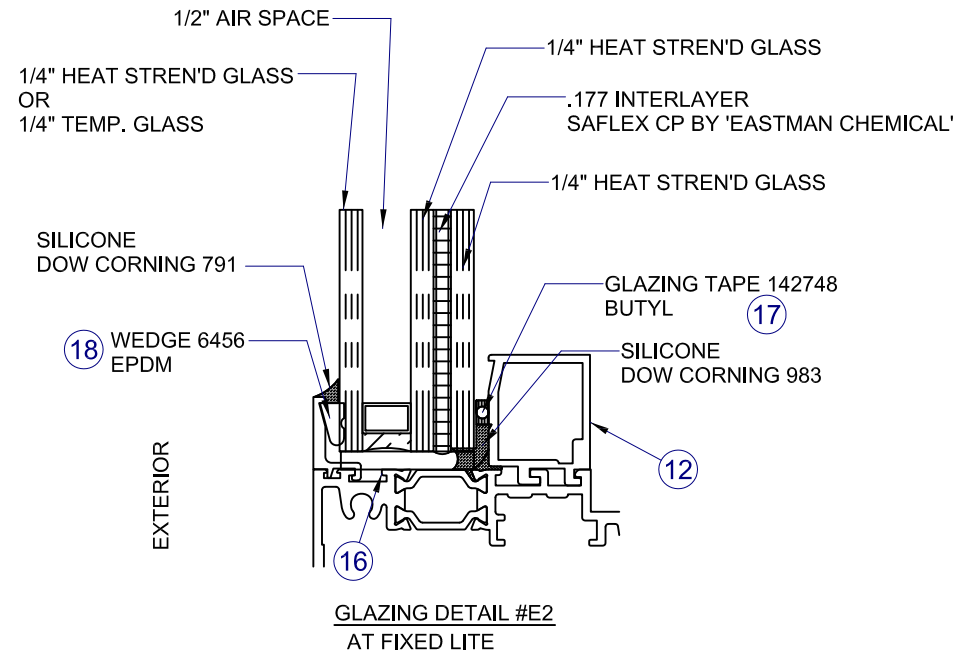
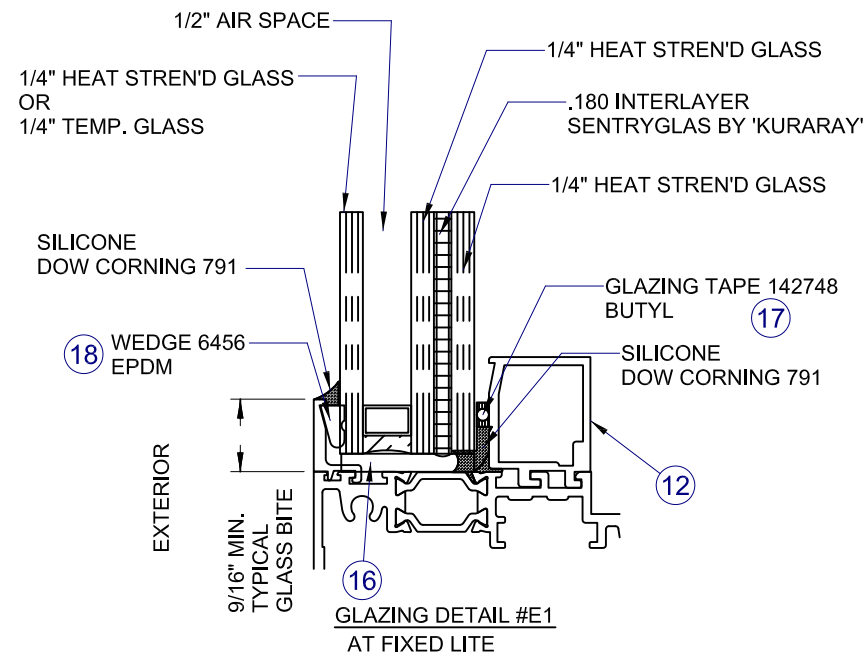
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1/2" AIR SPACE CONSISTING OF:
SPACER:
ALUMINUM OR ST. STEEL BOX SPACER AROUND
THE PERIMETER OF THE GLASS.
PRIMARY SEALANT:
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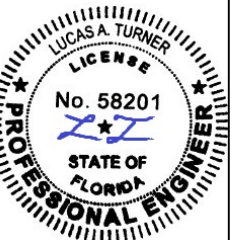
GLAZING DETAILS LEVEL 'E' IMPACT
1 7/16" OVERALL INSULATING LAMINATED GLASS

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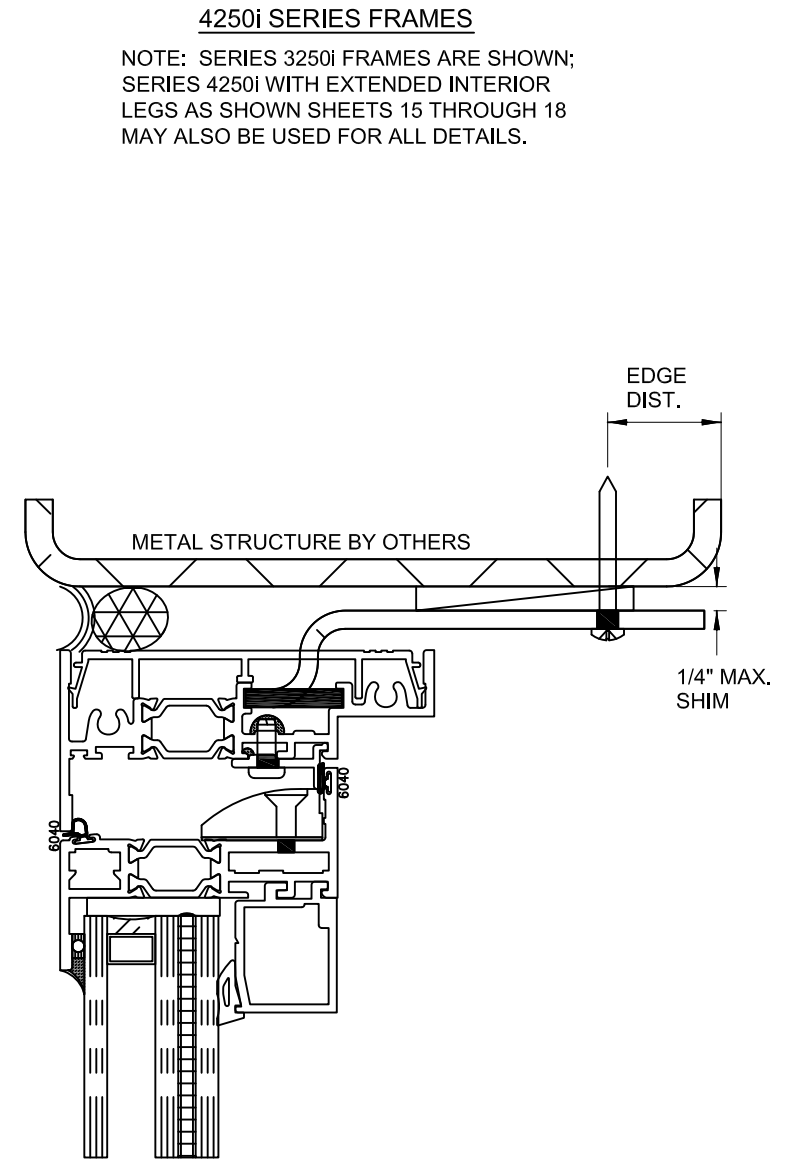
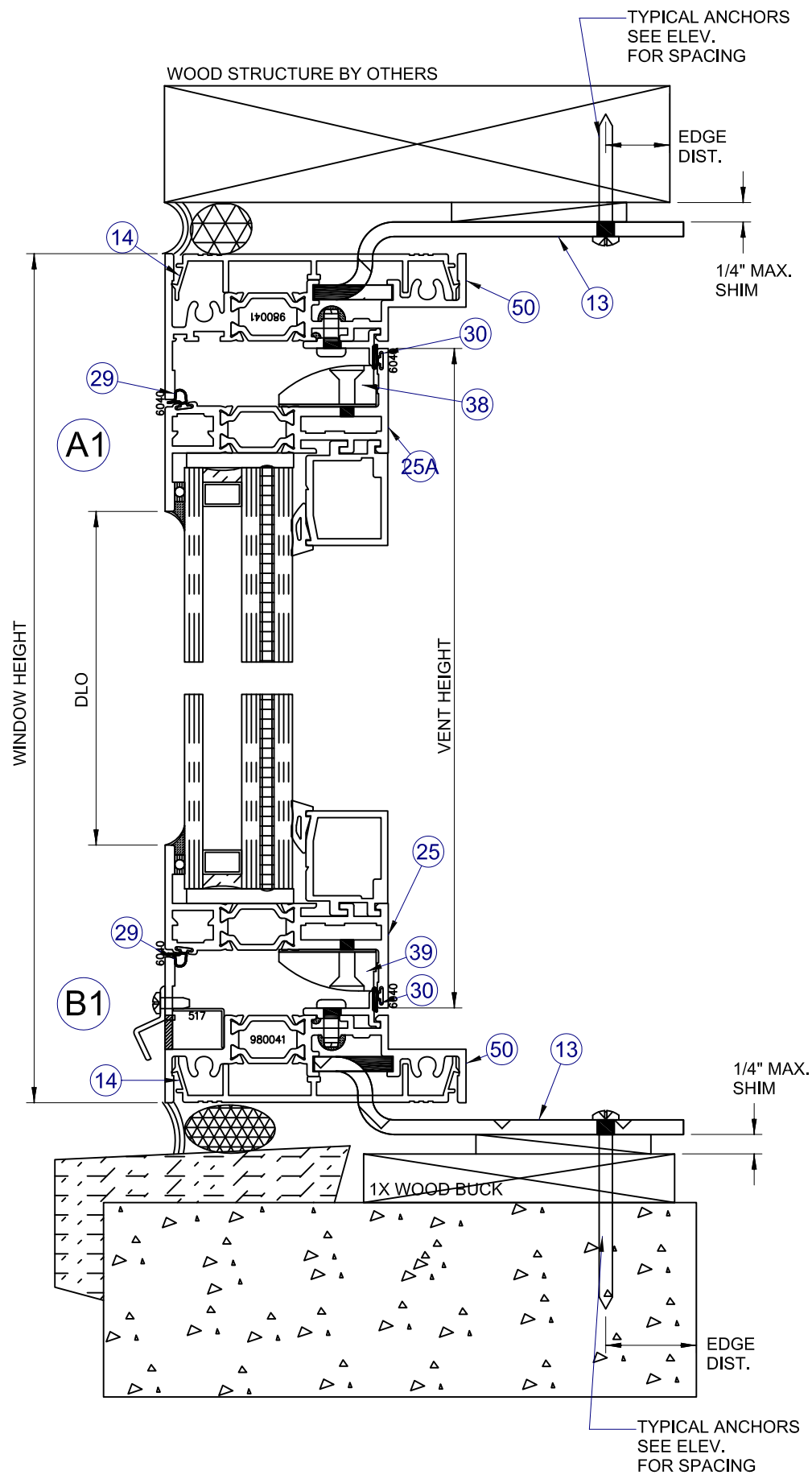
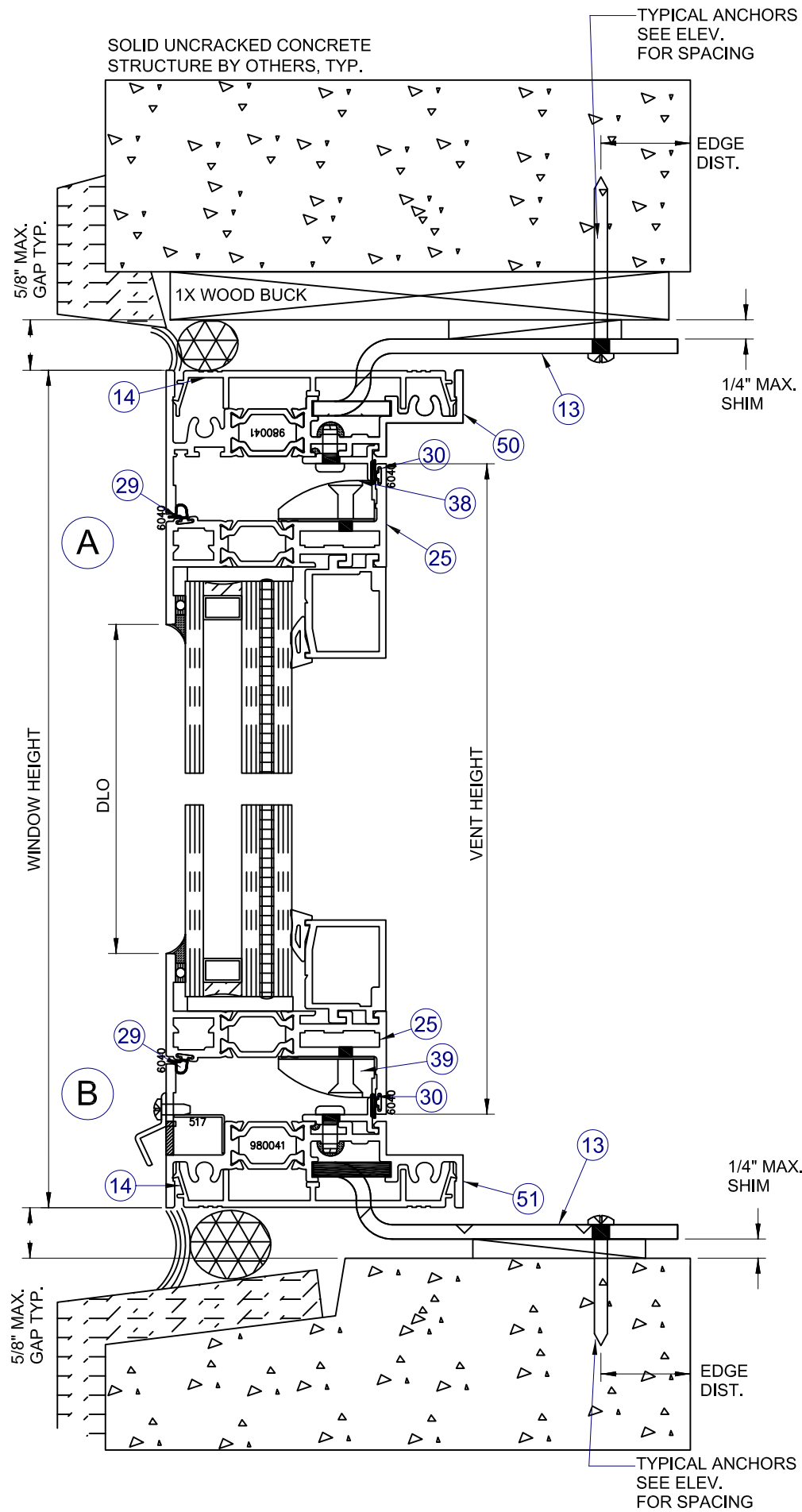
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4250i SERIES FRAMES
 NOTE: SERIES 3250i FRAMES ARE SHOWN;
 SERIES 4250i WITH EXTENDED INTERIOR
 LEGS AS SHOWN SHEETS 15 THROUGH 18
 MAY ALSO BE USED FOR ALL DETAILS.

**SLIDE IN CLIPS AT FRAME
 ANCHORAGE DETAILS
 LEVEL 'D' & 'E' IMPACT**

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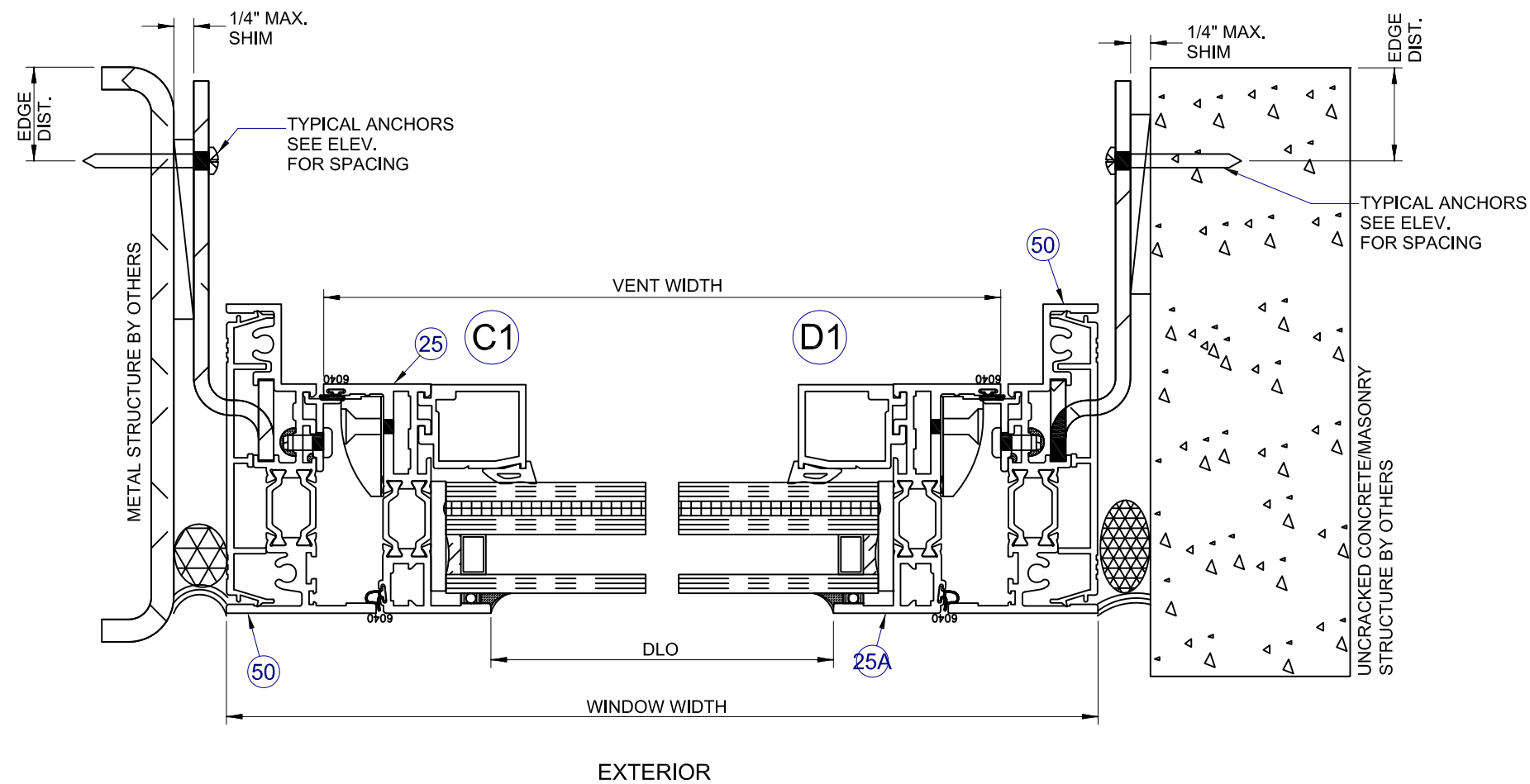
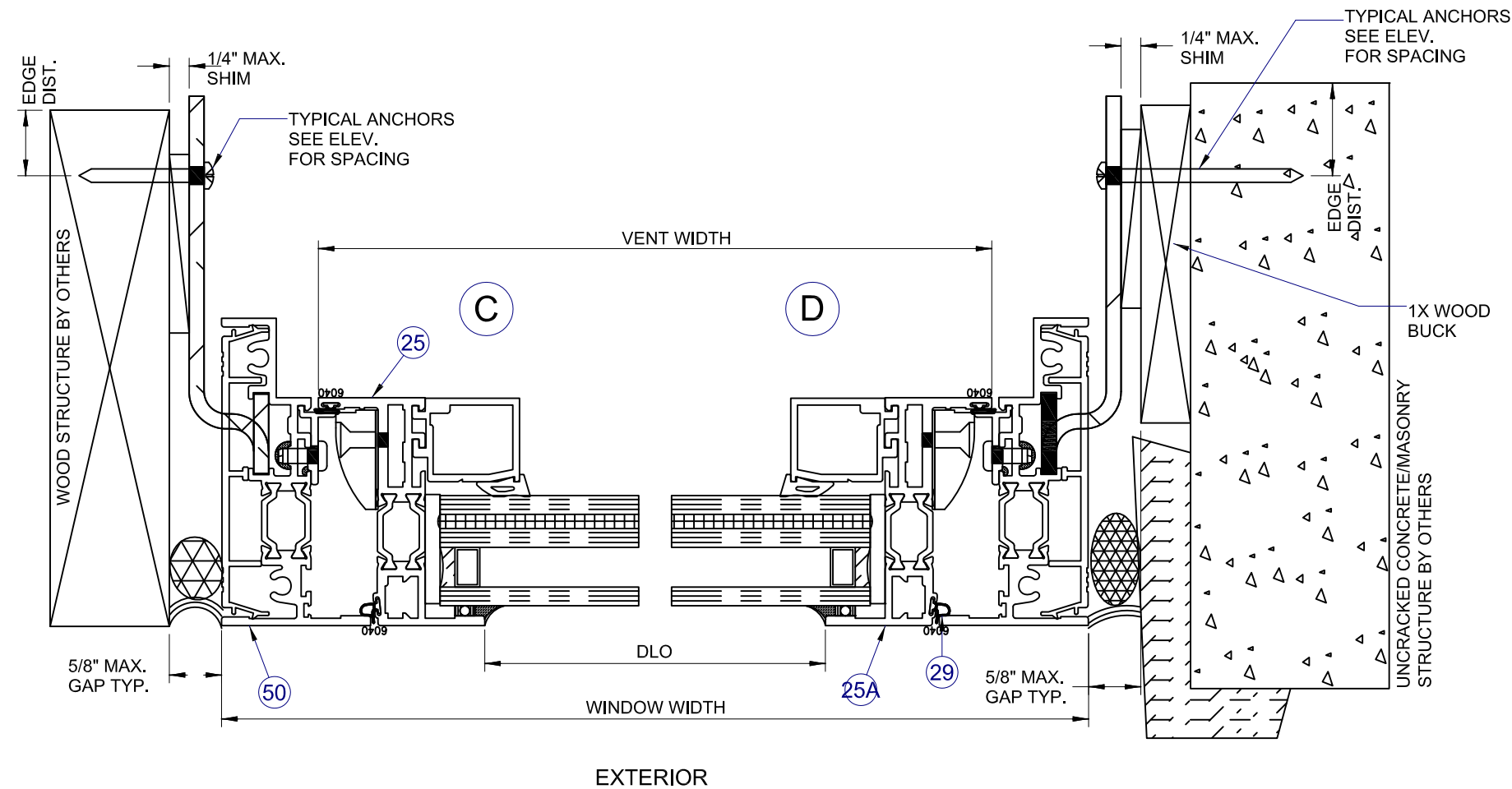
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4250i SERIES FRAMES

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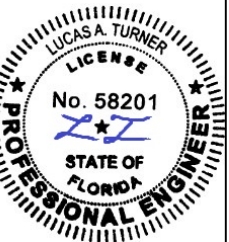
SLIDE IN CLIPS AT FRAME
ANCHORAGE DETAILS
LEVEL 'D' & 'E' IMPACT

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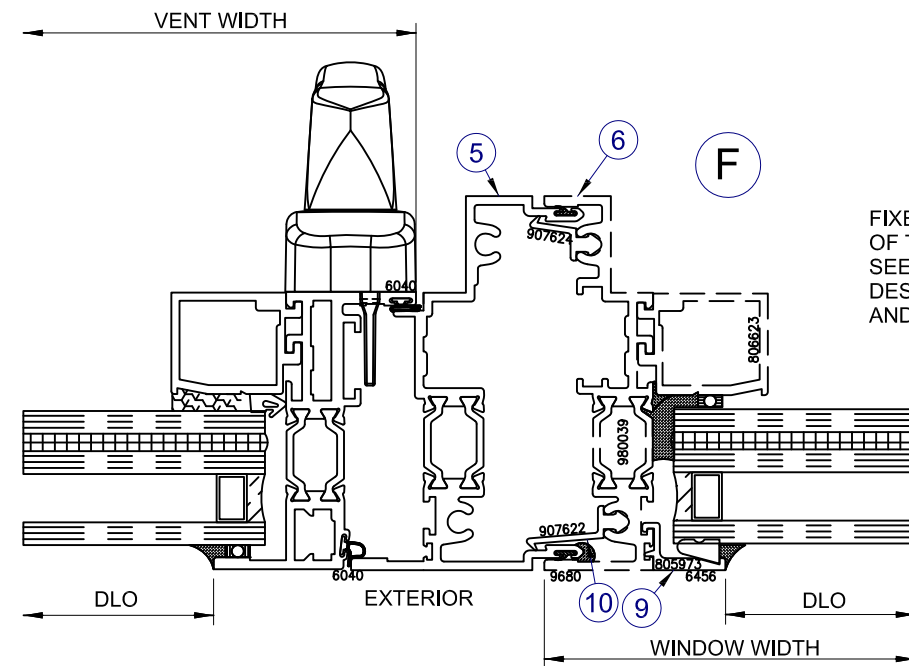
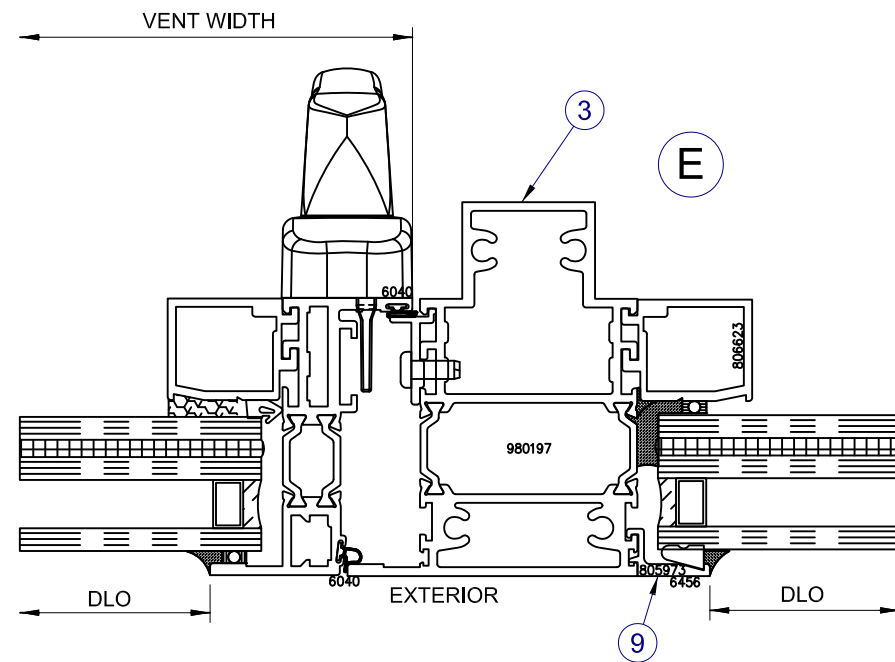
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SCALE: NTS

DWG.
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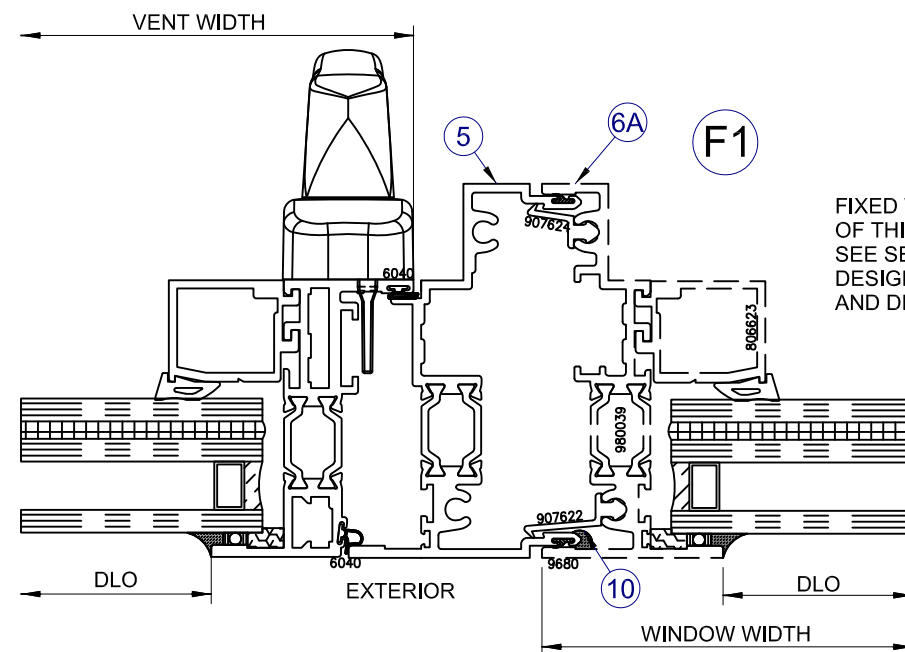
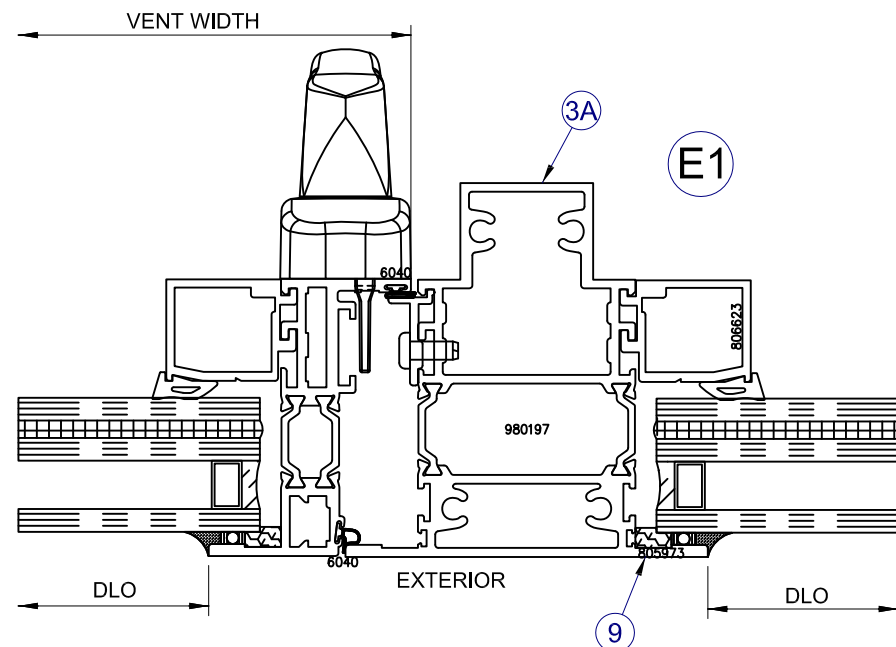
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 FL46241.1

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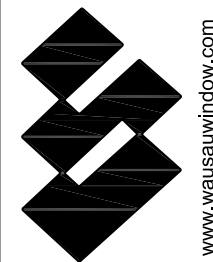
4250i SERIES FRAMES

NOTE: SERIES 3250i FRAMES ARE SHOWN;
SERIES 4250i WITH EXTENDED INTERIOR
LEGS AS SHOWN SHEETS 15 THROUGH 18
MAY ALSO BE USED FOR ALL DETAILS.

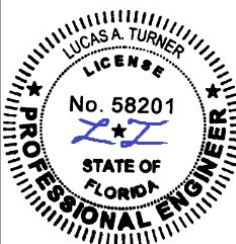


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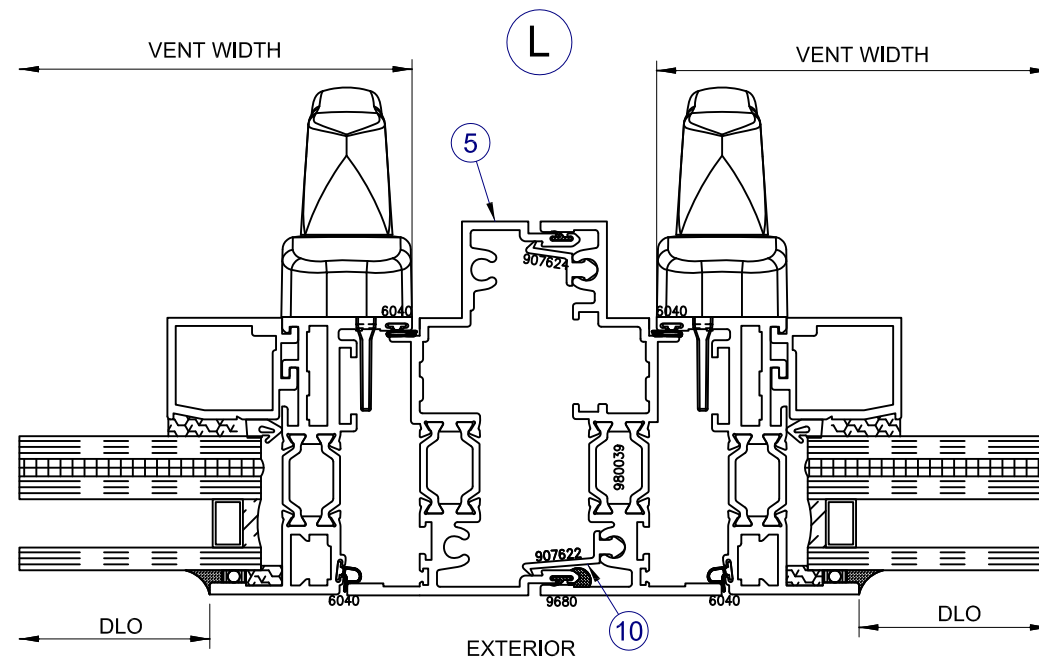
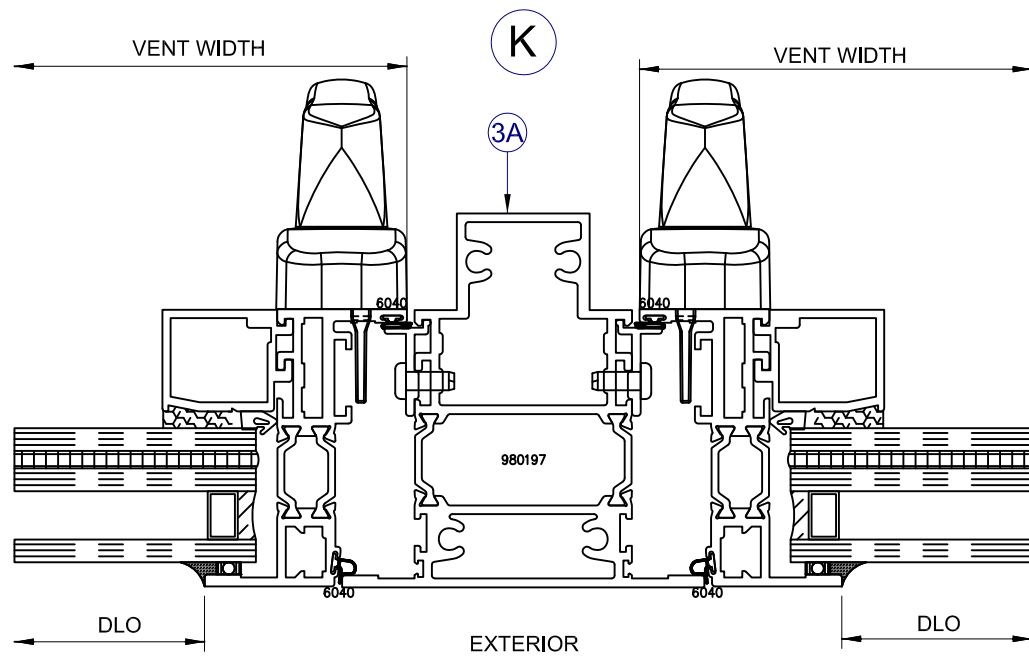
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SCALE: NTS

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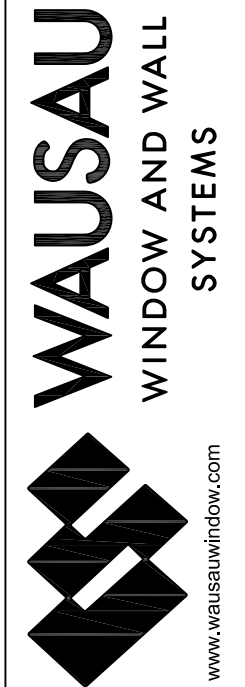
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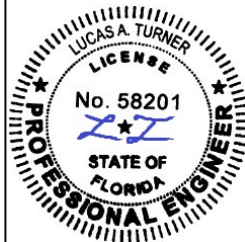
4250i SERIES FRAMES

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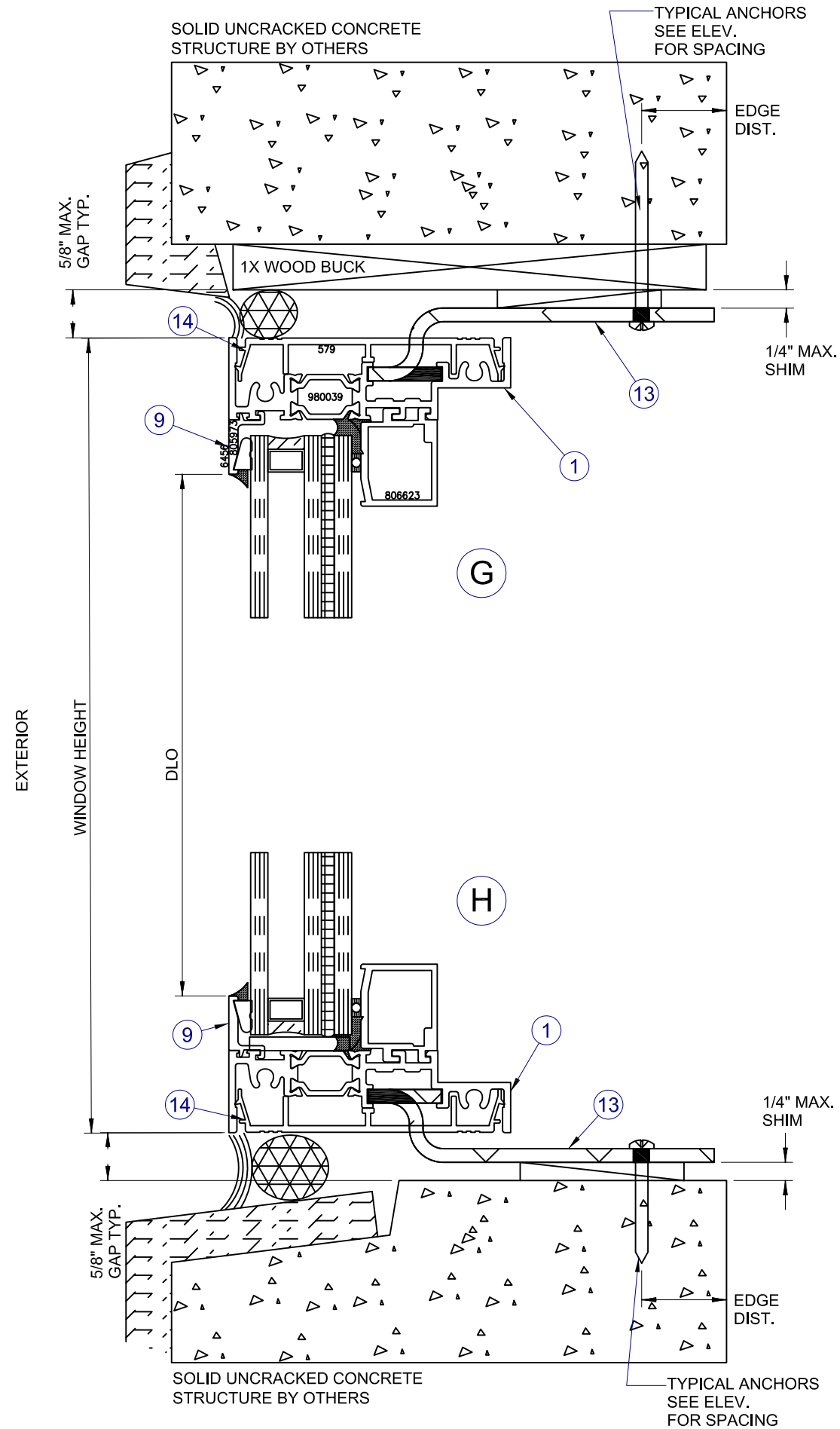
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SCALE: NTS

DWG.
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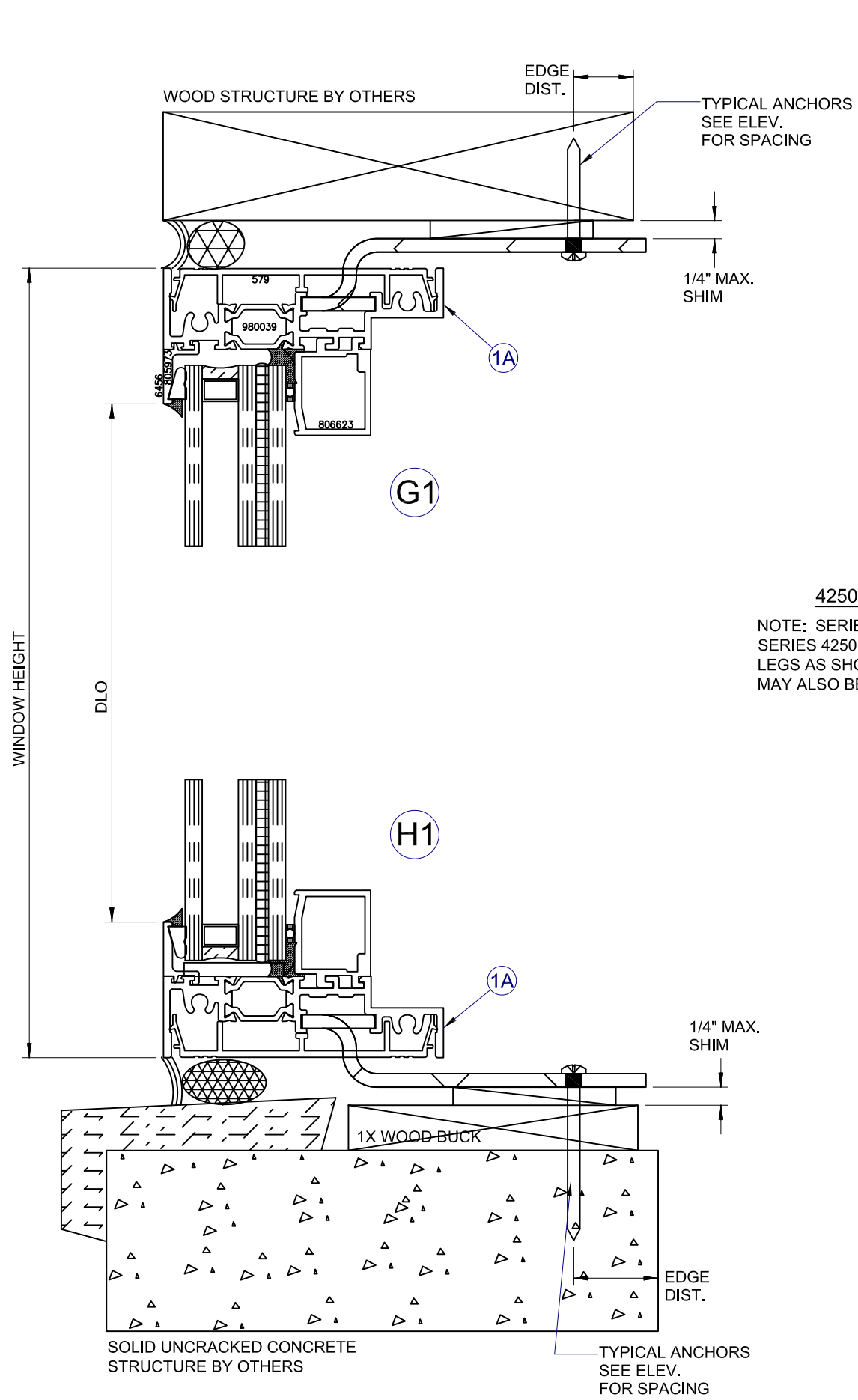
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WINDOW HEIGHT

DLO

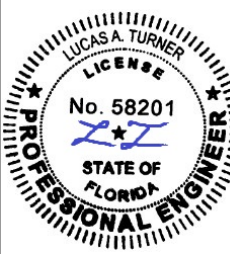
EDGE DIST.

TYPICAL ANCHORS SEE ELEV. FOR SPACING



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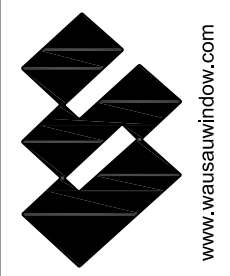
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3-4250i-LM-CA-PI

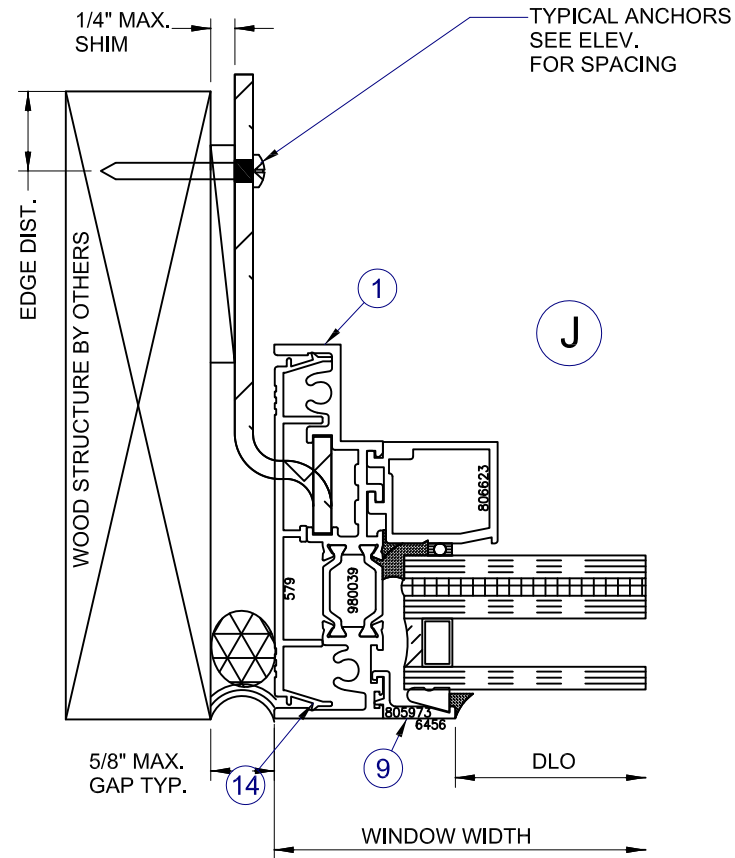
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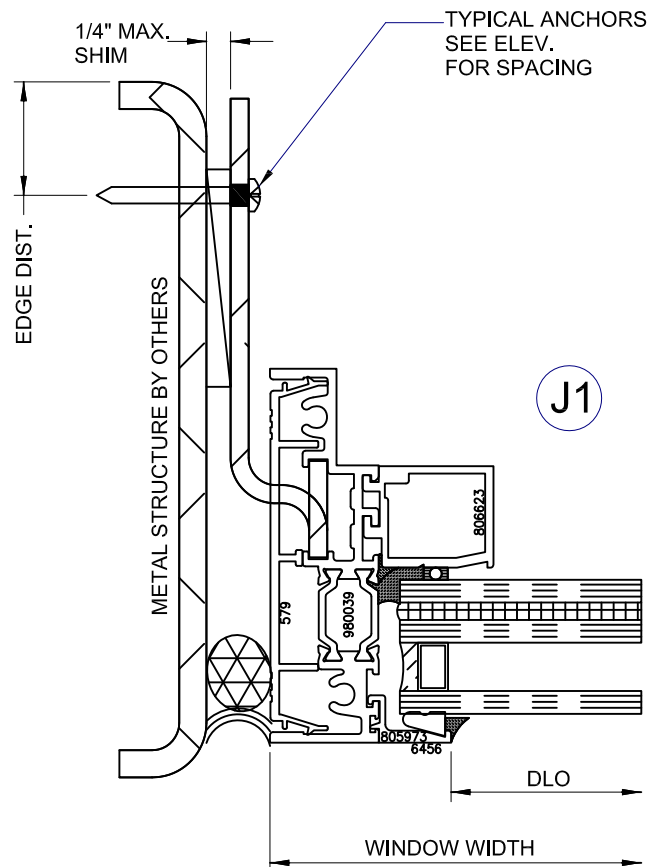


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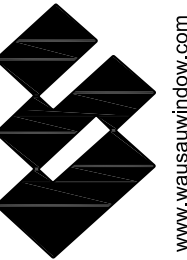
4250i SERIES FRAMES

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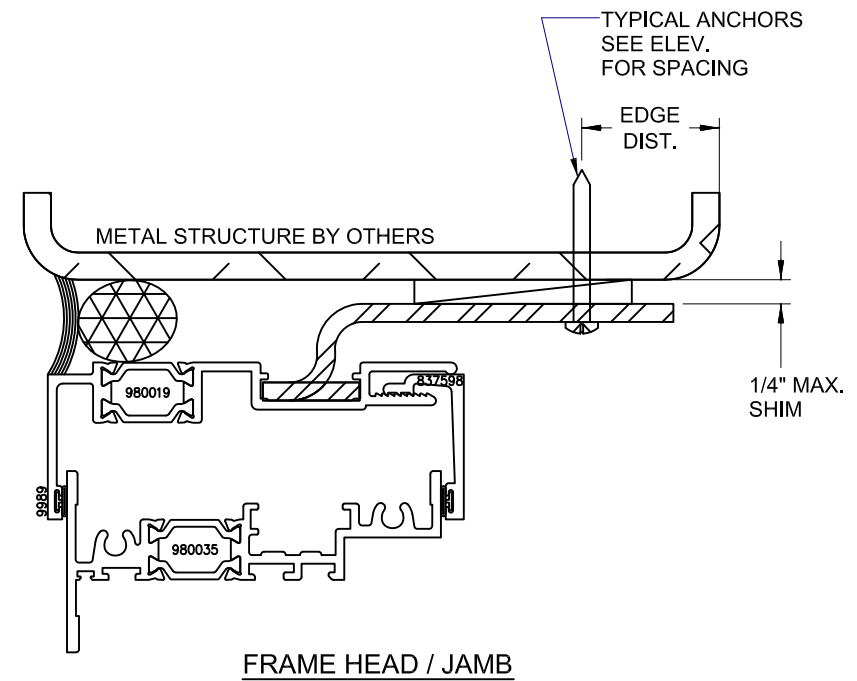
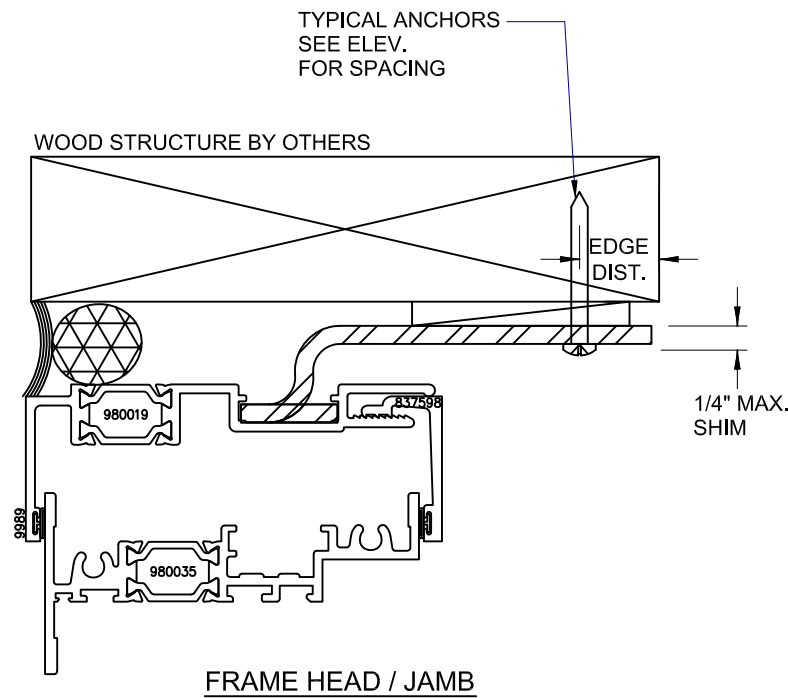
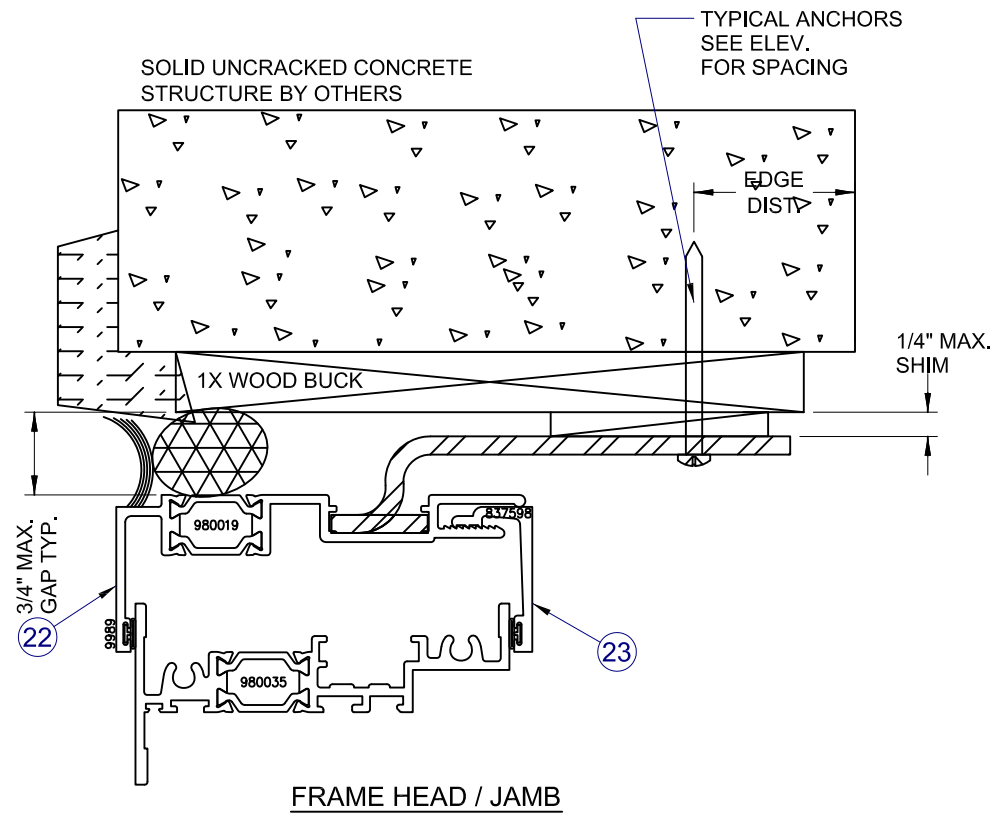
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3-4250i-LM-CA-PI

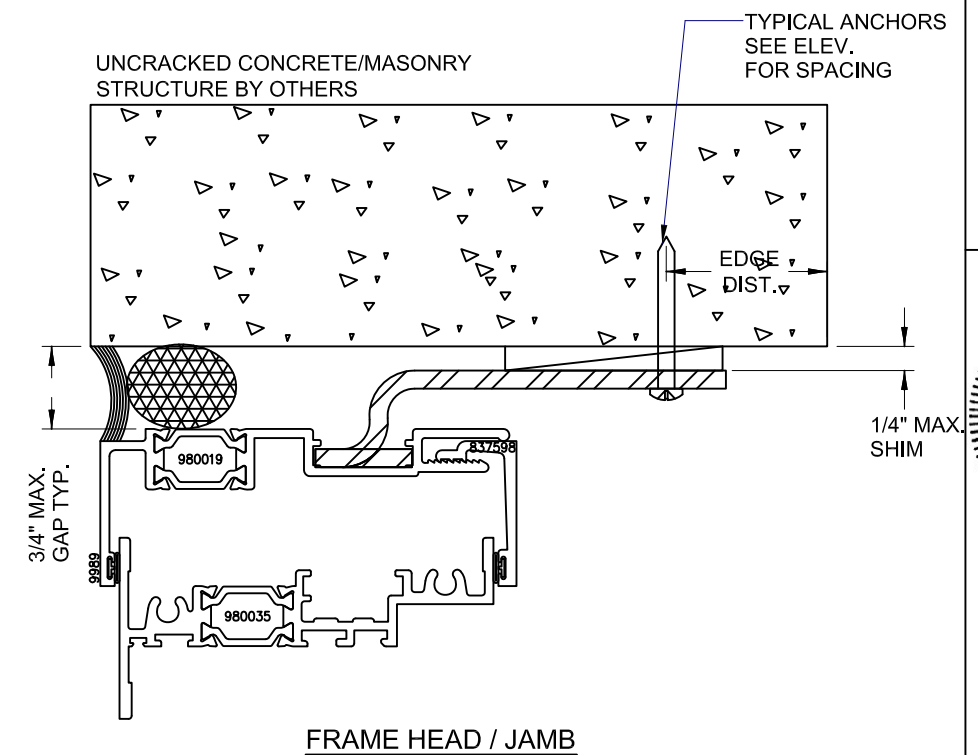
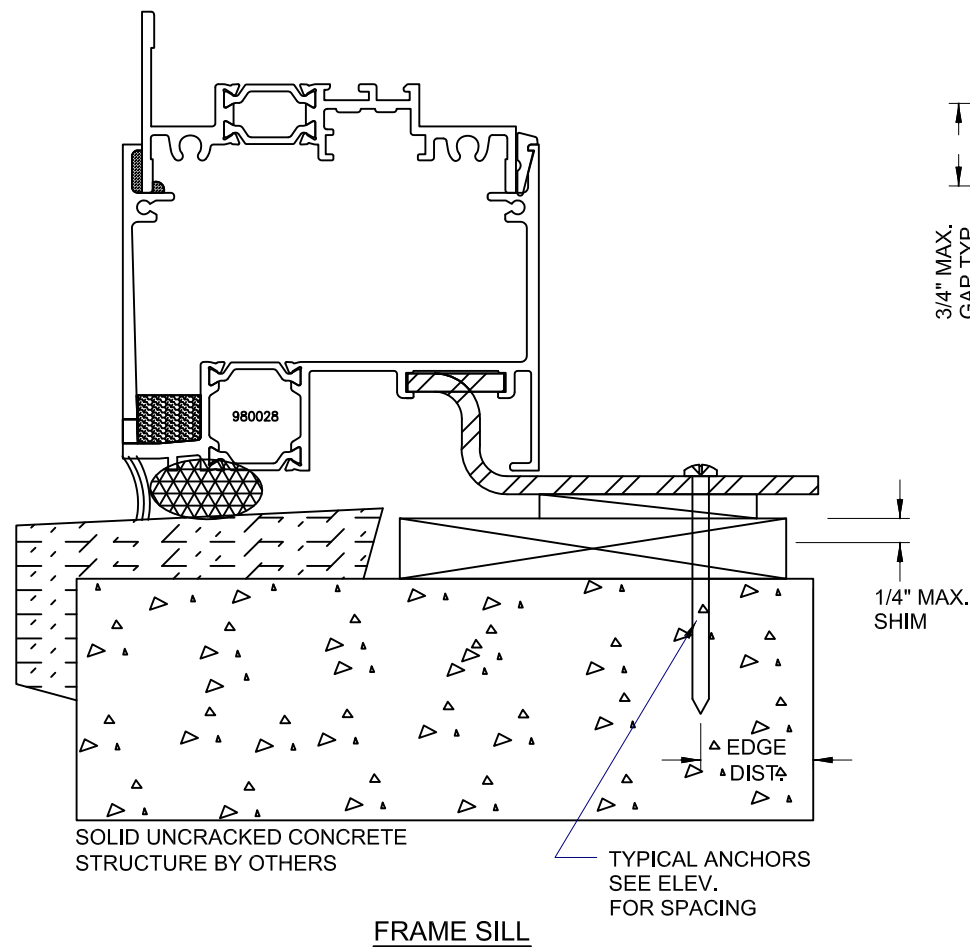
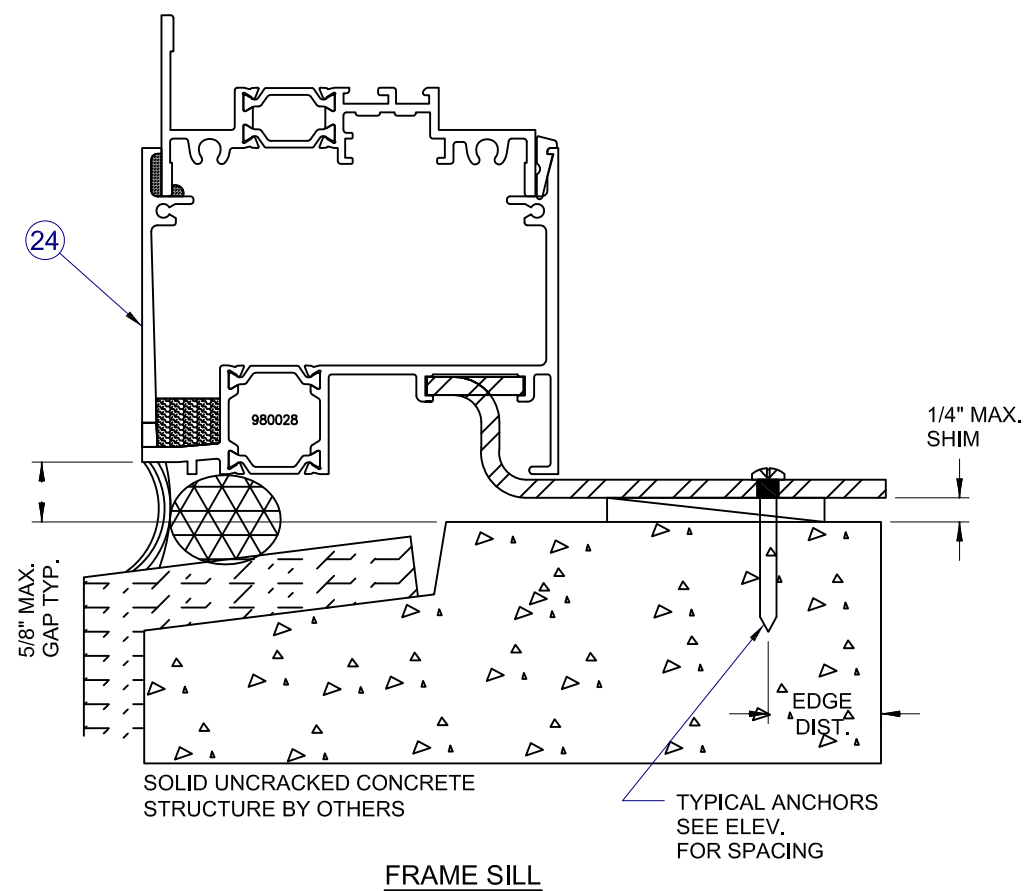
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4250i SERIES FRAMES

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SLIDE IN CLIPS AT RECEPTOR ANCHORAGE DETAILS
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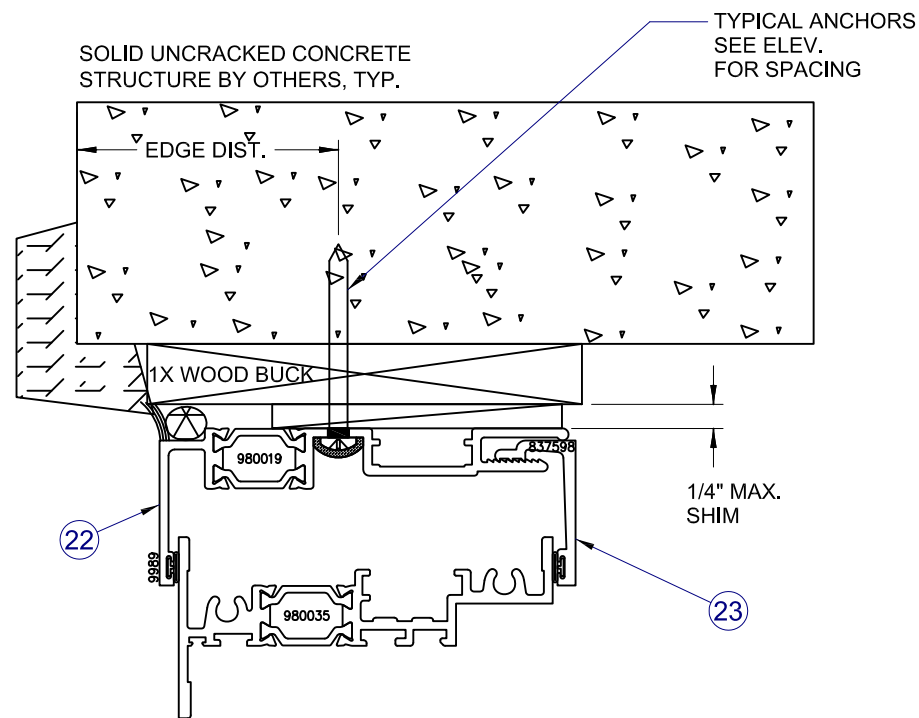
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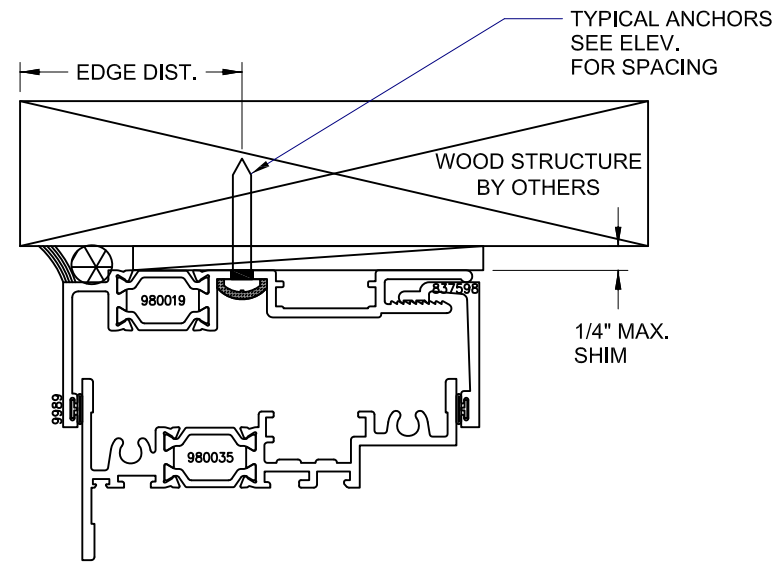
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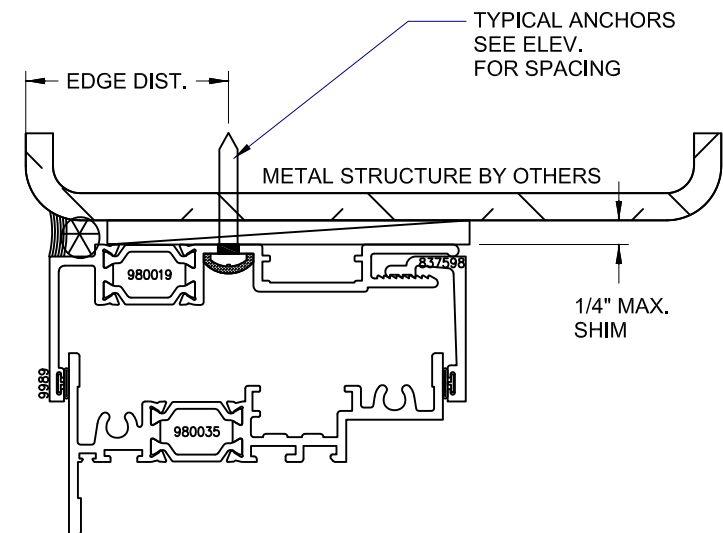
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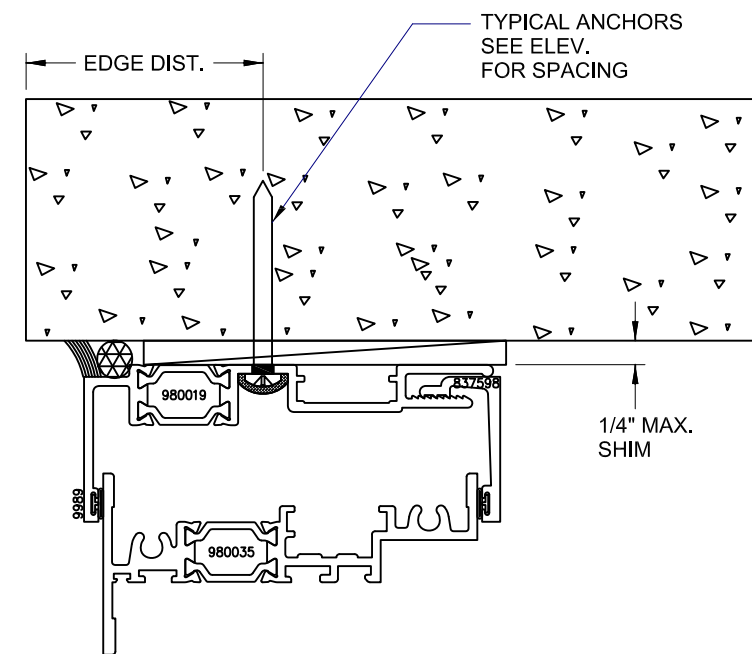
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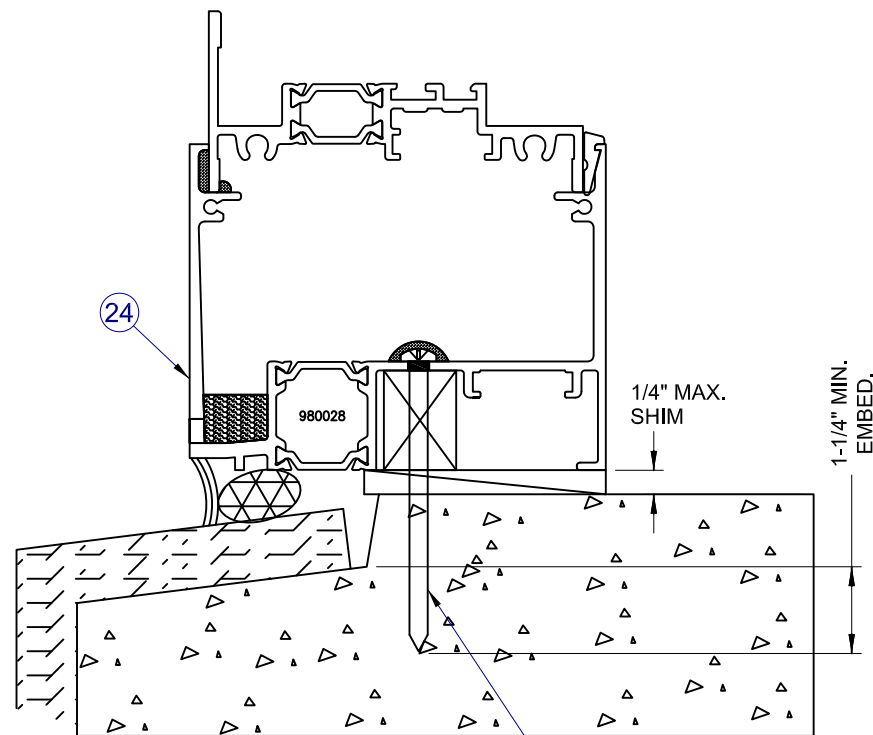
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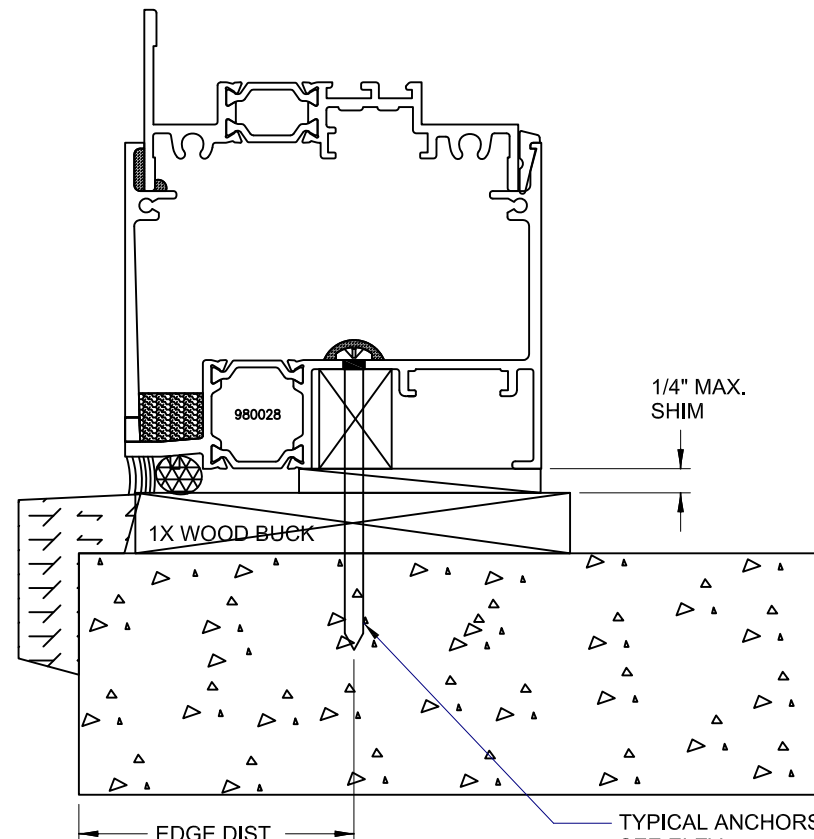
FRAME HEAD / JAMB



FRAME HEAD / JAMB



FRAME SILL



FRAME SILL

4250i SERIES FRAMES

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DIRECTLY THRU RECEPTOR ANCHORAGE DETAILS LEVEL 'D' IMPACT

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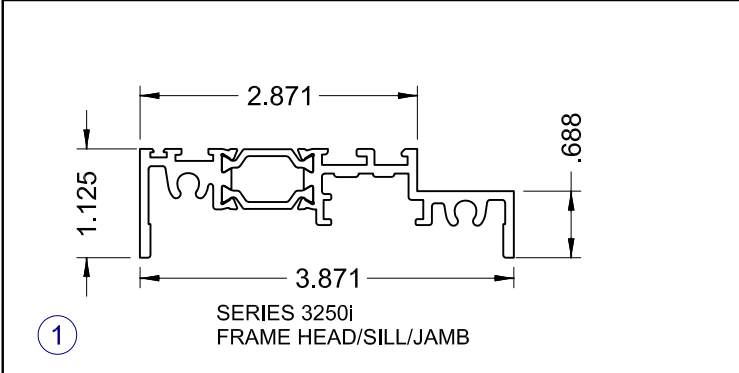
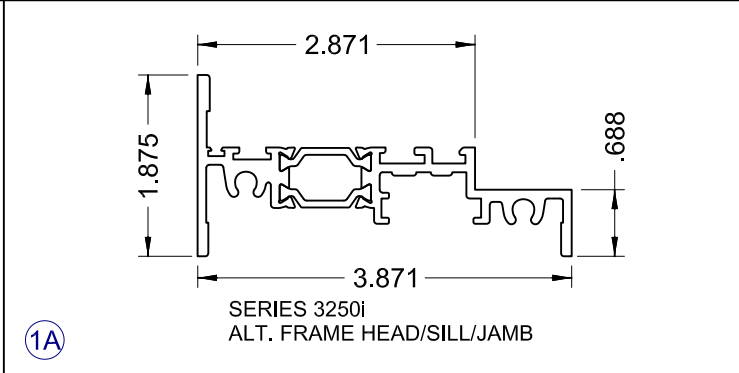
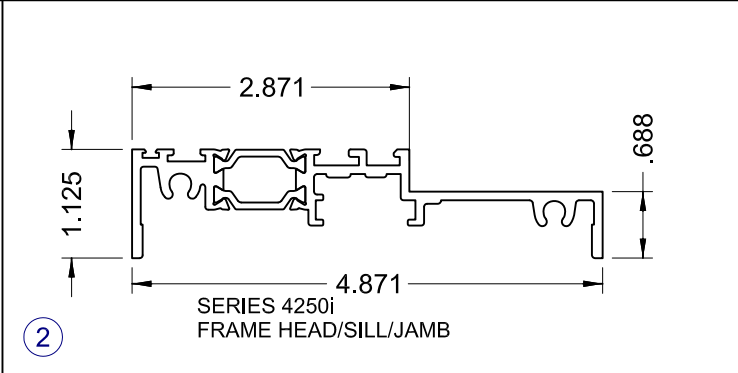
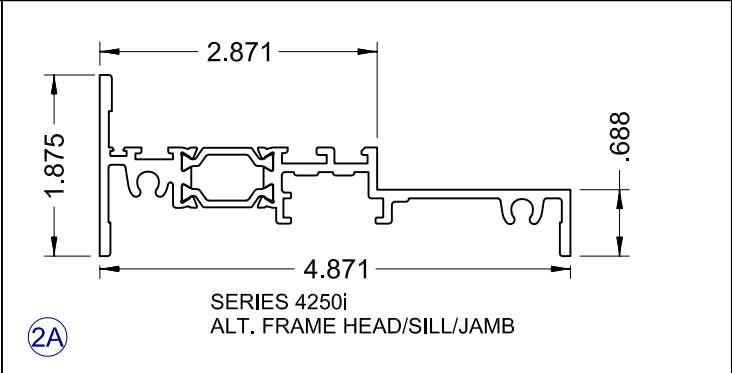
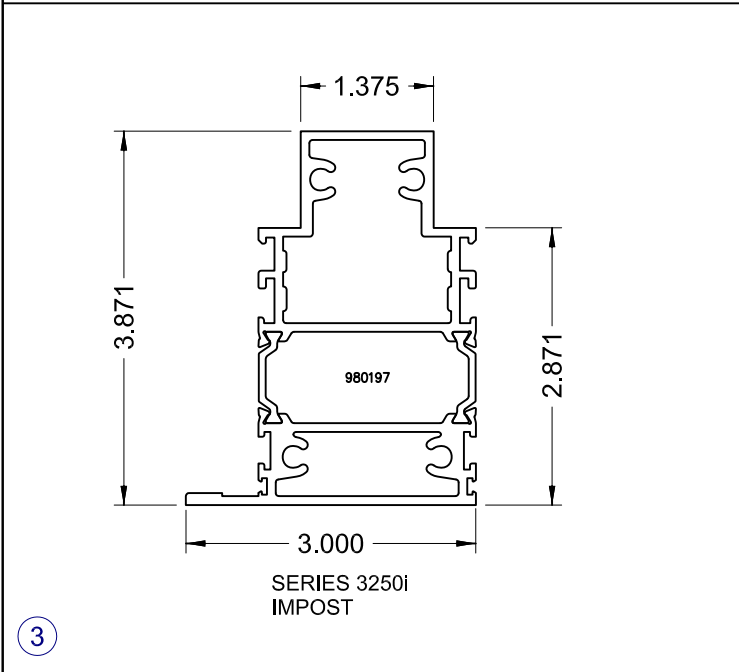
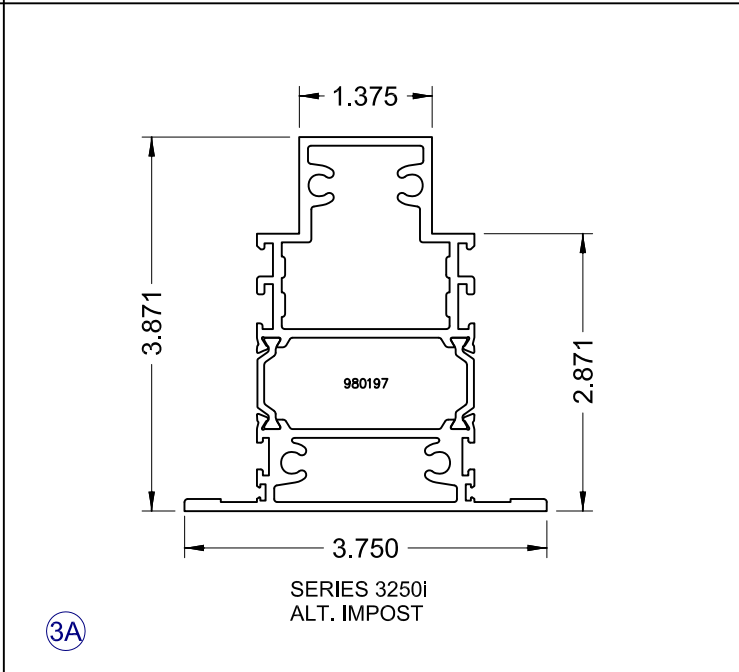
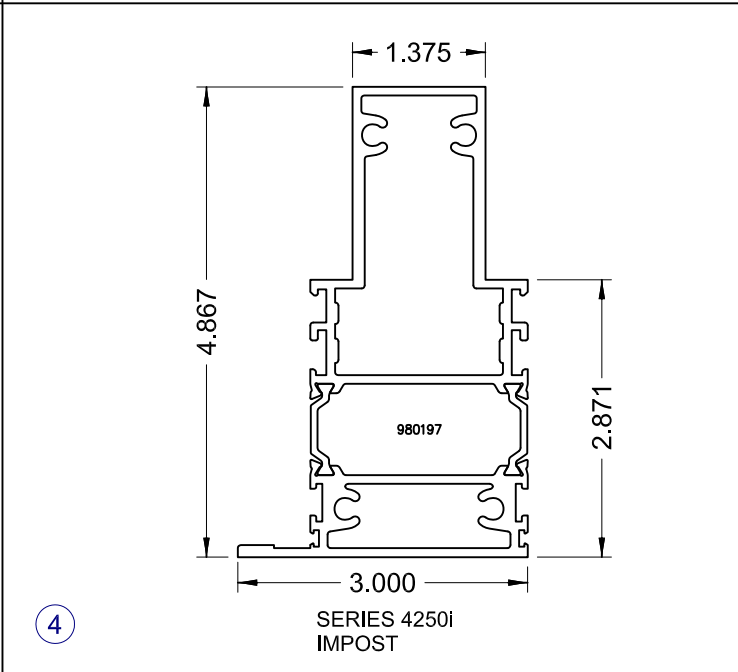
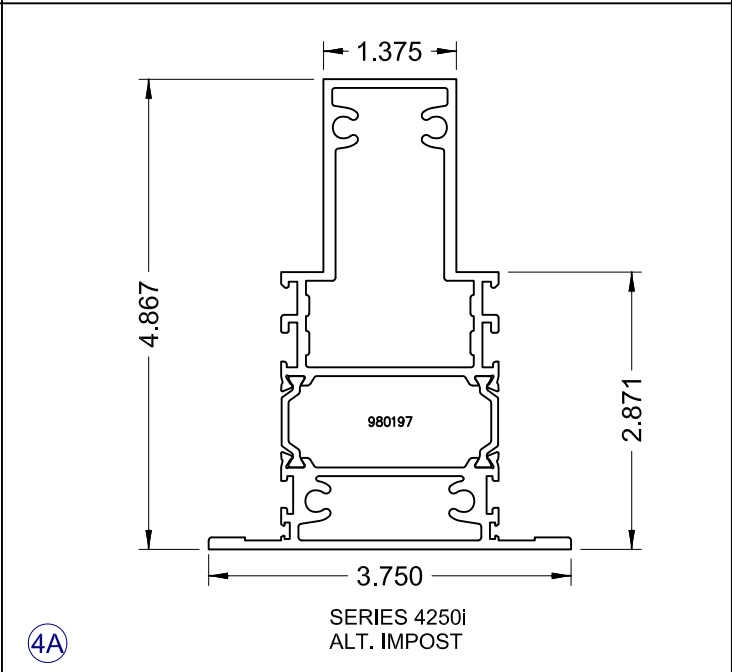
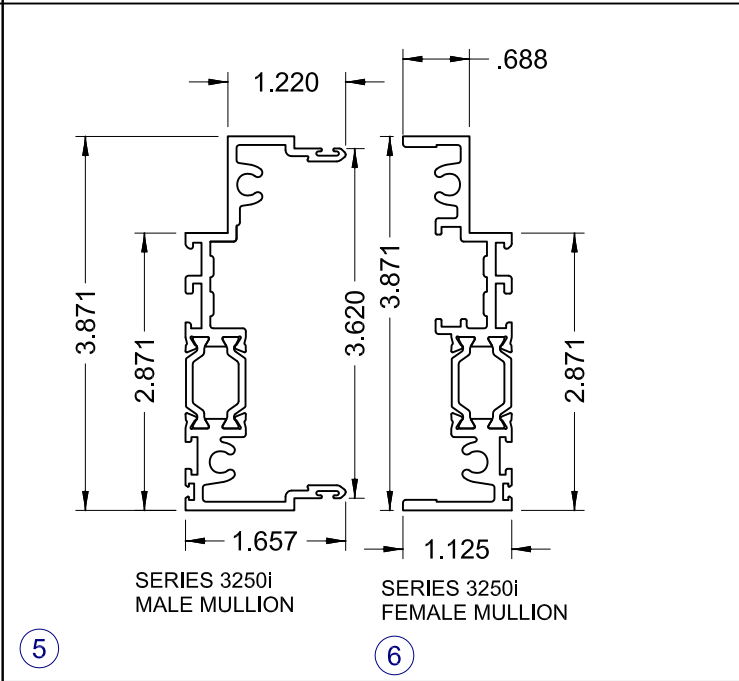
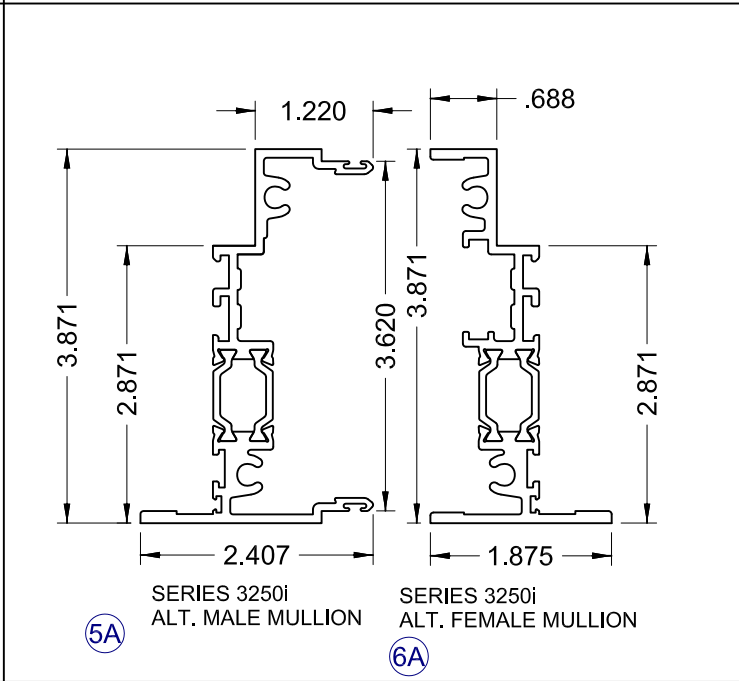
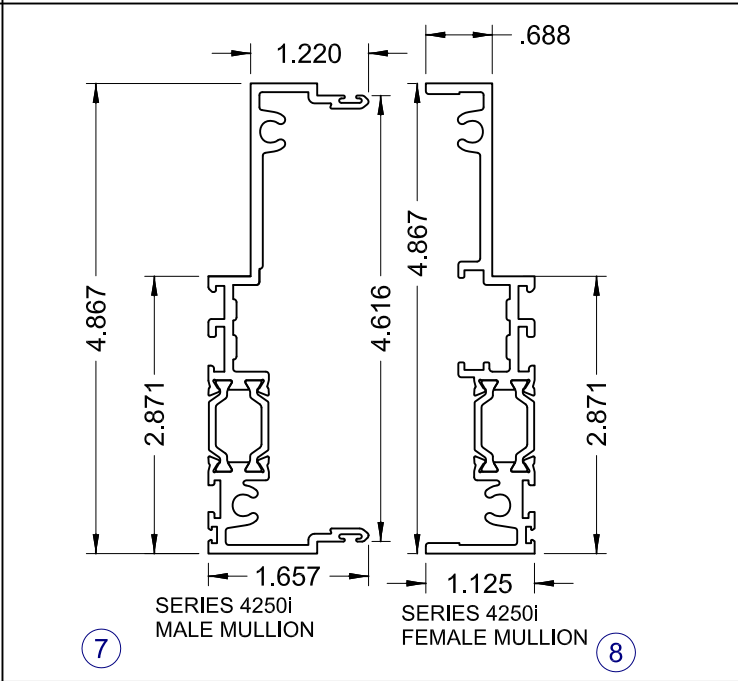
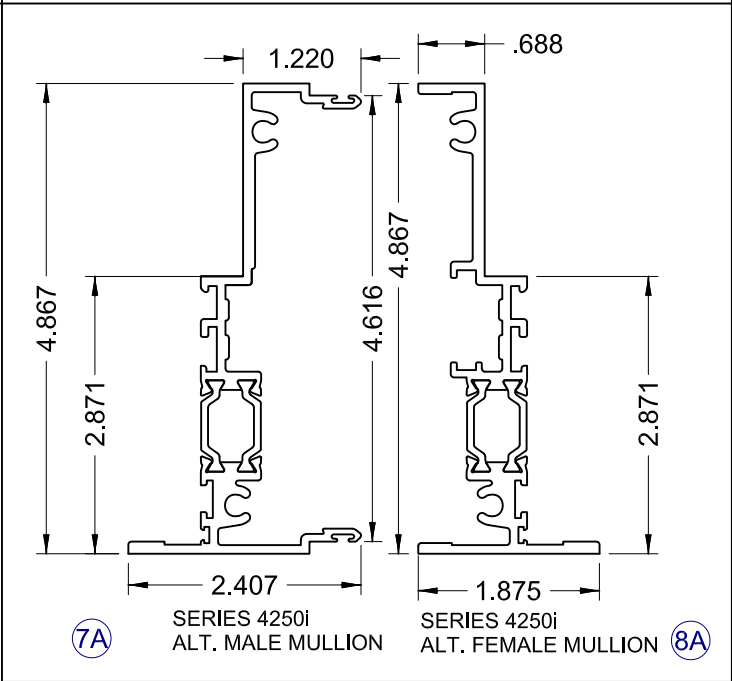
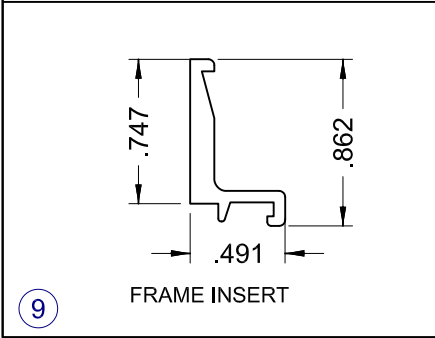
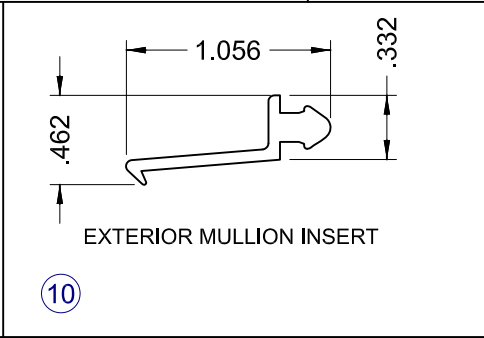
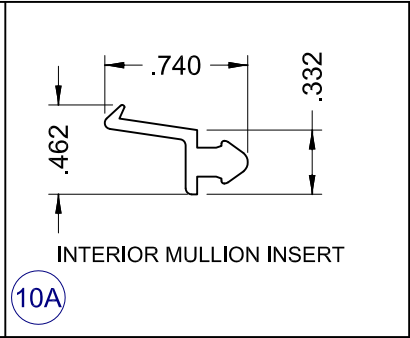
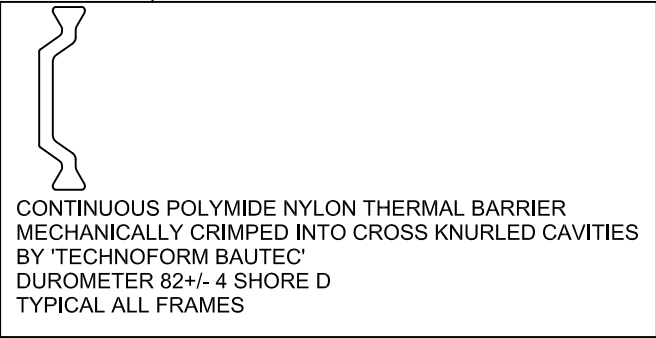
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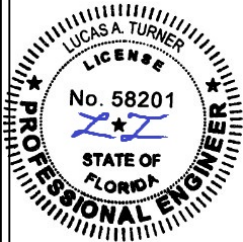
SHT. 14 of 21

 1 SERIES 3250i FRAME HEAD/SILL/JAMB	 1A SERIES 3250i ALT. FRAME HEAD/SILL/JAMB	 2 SERIES 4250i FRAME HEAD/SILL/JAMB	 2A SERIES 4250i ALT. FRAME HEAD/SILL/JAMB
 3 SERIES 3250i IMPOST	 3A SERIES 3250i ALT. IMPOST	 4 SERIES 4250i IMPOST	 4A SERIES 4250i ALT. IMPOST
 5 SERIES 3250i MALE MULLION 6 SERIES 3250i FEMALE MULLION	 5A SERIES 3250i ALT. MALE MULLION 6A SERIES 3250i ALT. FEMALE MULLION	 7 SERIES 4250i MALE MULLION 8 SERIES 4250i FEMALE MULLION	 7A SERIES 4250i ALT. MALE MULLION 8A SERIES 4250i ALT. FEMALE MULLION
 9 FRAME INSERT	 10 EXTERIOR MULLION INSERT	 10A INTERIOR MULLION INSERT	 CONTINUOUS POLYIMIDE NYLON THERMAL BARRIER MECHANICALLY CRIMPED INTO CROSS KNURLED CAVITIES BY 'TECHNOFORM BAUTEC' DUROMETER 82+/- 4 SHORE D TYPICAL ALL FRAMES

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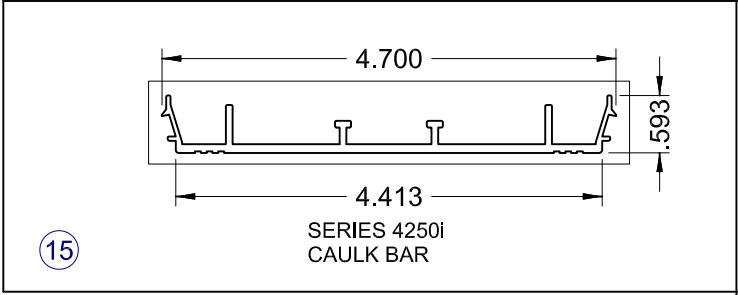
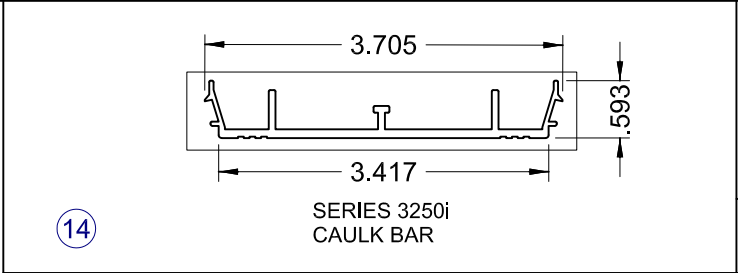
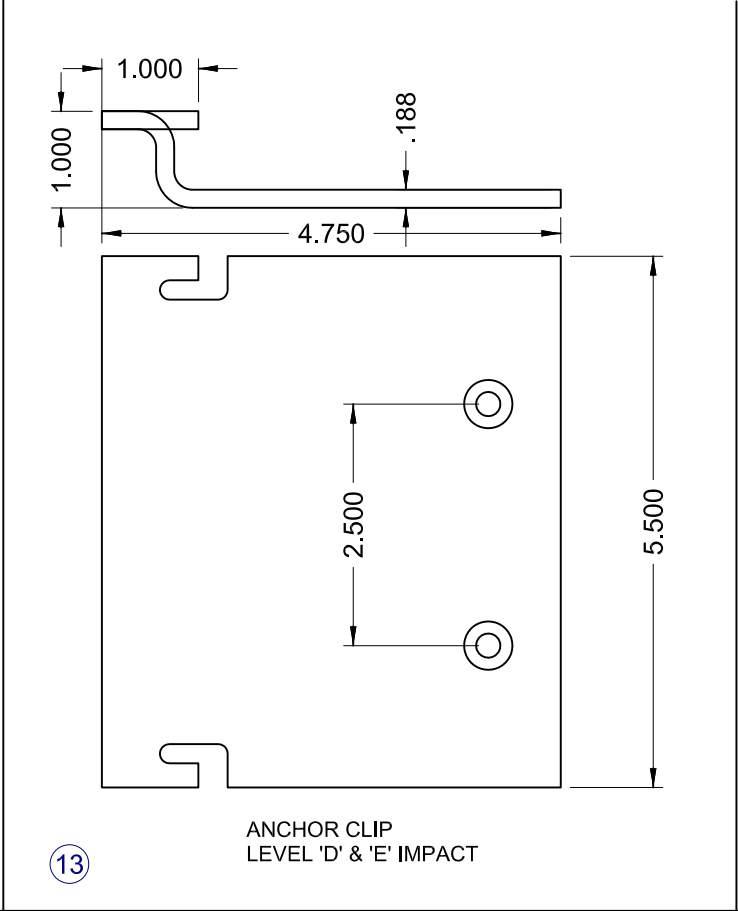
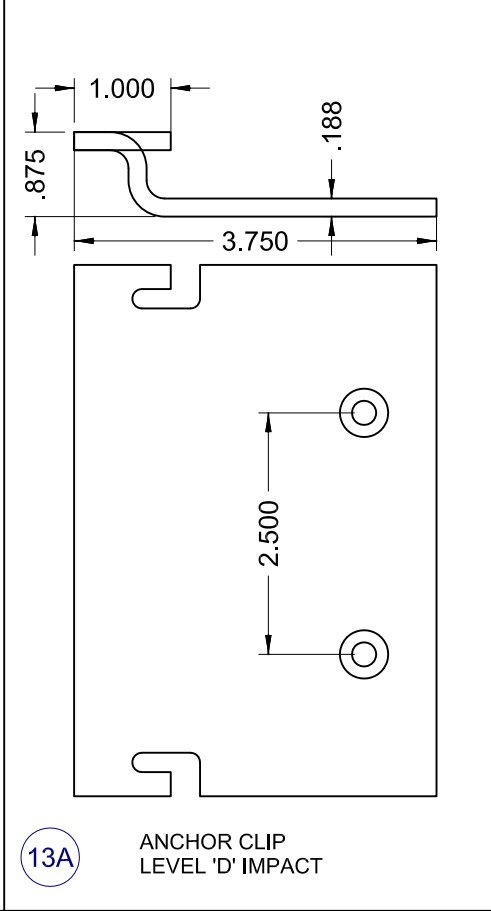
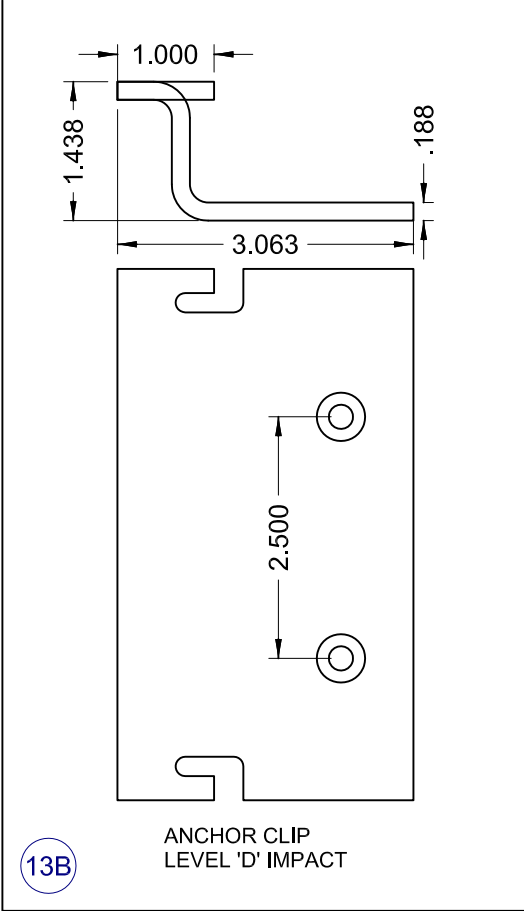
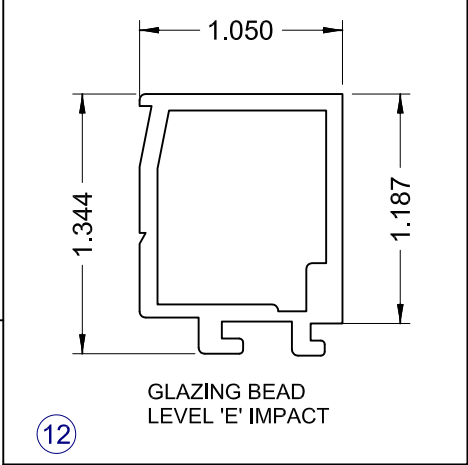
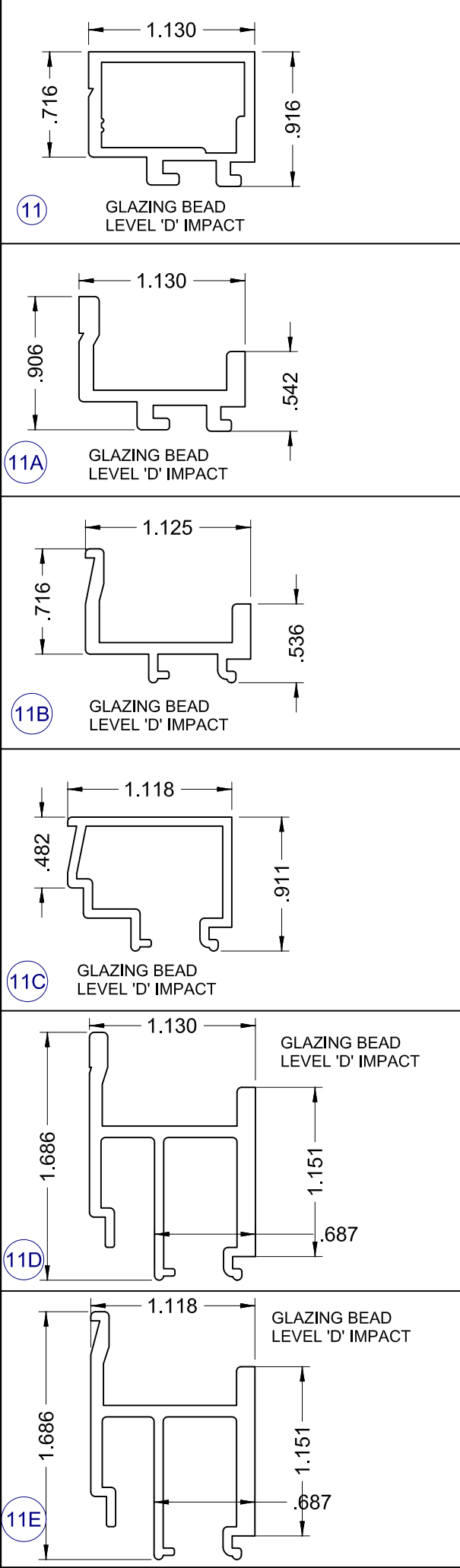
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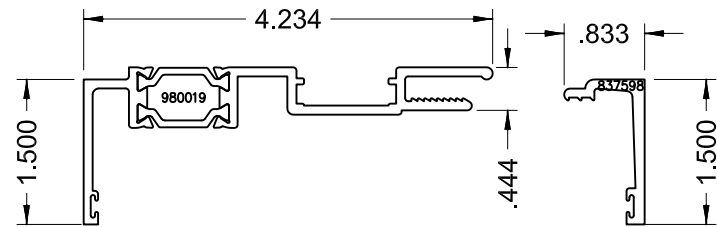
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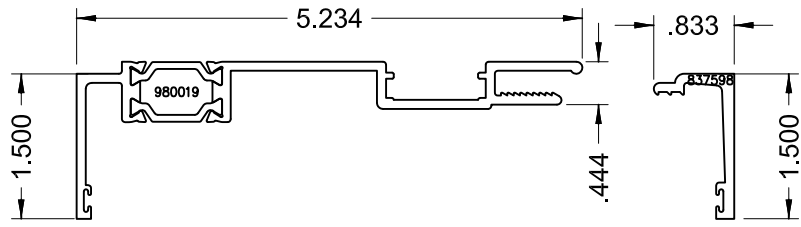
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FL46241.1

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22
SERIES 3250i
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(LEVEL 'D' IMPACT)

RECEPTOR INSERT
(LEVEL 'D' IMPACT) 23

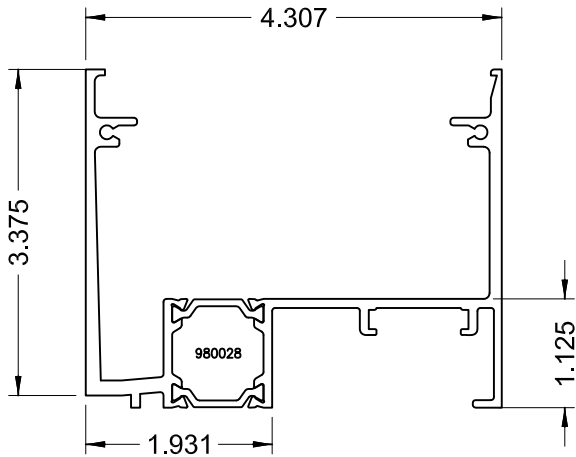


22A

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(LEVEL 'D' IMPACT)

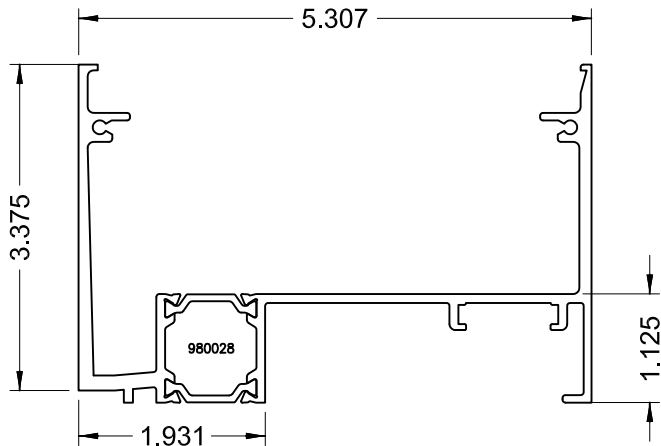
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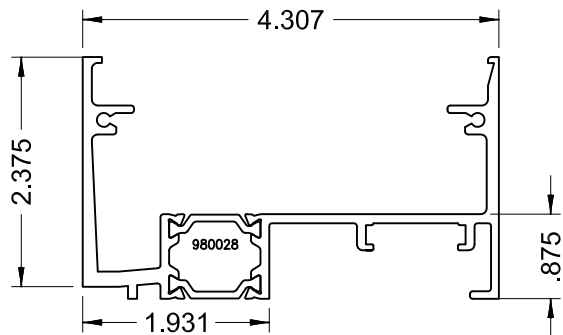
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RECEPTOR SILL
(LEVEL'D' IMPACT)
APPR'D FOR WATER RESISTANCE



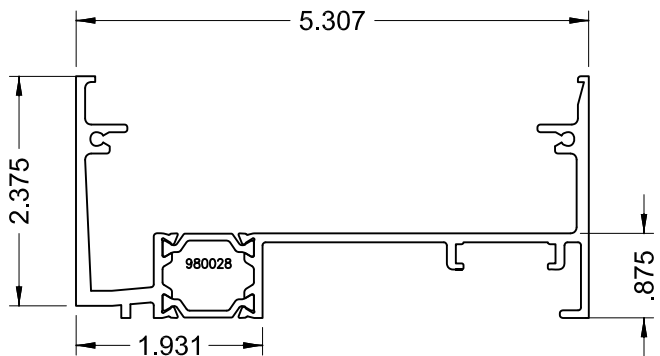
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(LEVEL'D' IMPACT)
APPR'D FOR WATER RESISTANCE



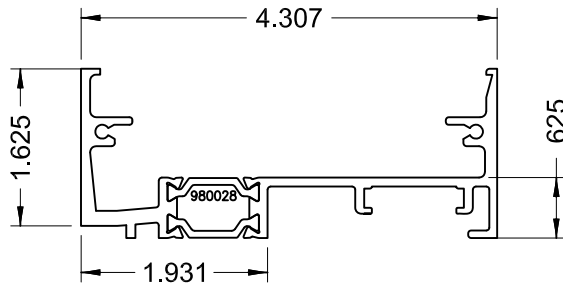
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(LEVEL'D' IMPACT)
NOT APPR'D FOR WATER RESISTANCE



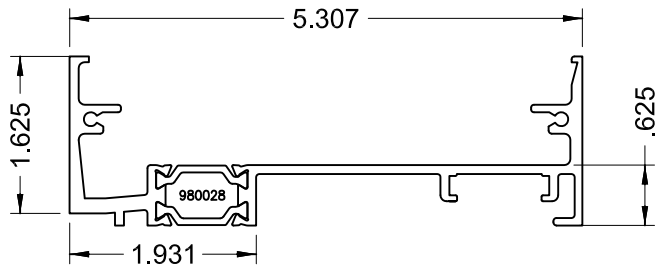
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SERIES 4250i
RECEPTOR SILL
(LEVEL'D' IMPACT)
NOT APPR'D FOR WATER RESISTANCE



24.2

SERIES 3250i
RECEPTOR SILL
(LEVEL'D' IMPACT)
NOT APPR'D FOR WATER RESISTANCE



24.2A

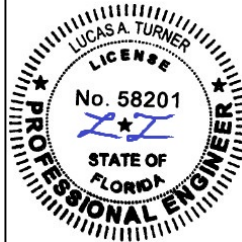
SERIES 4250i
RECEPTOR SILL
(LEVEL'D' IMPACT)
NOT APPR'D FOR WATER RESISTANCE

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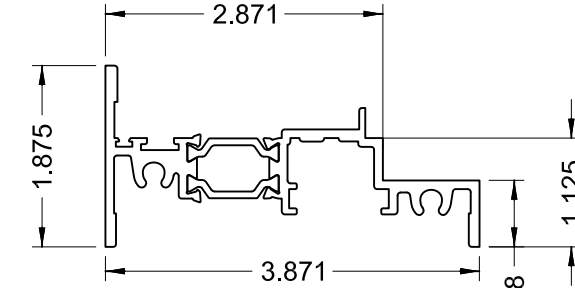
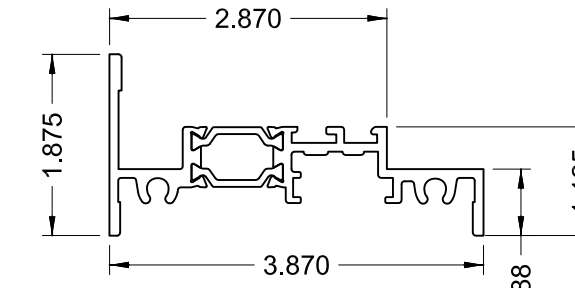
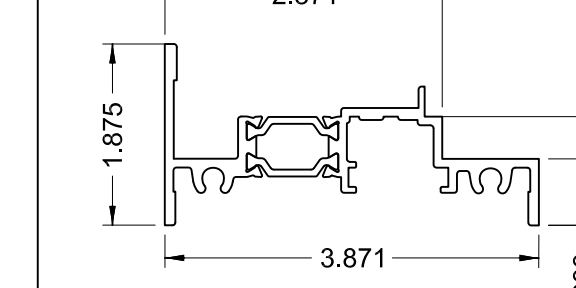
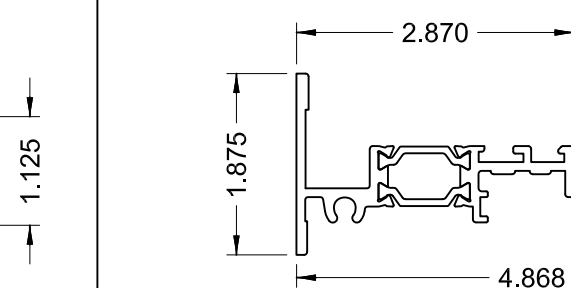
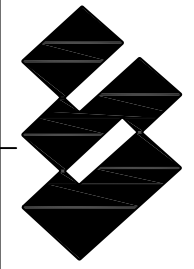
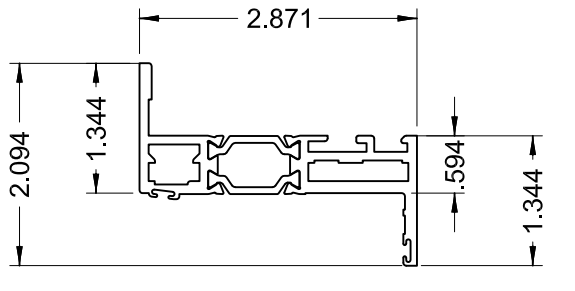
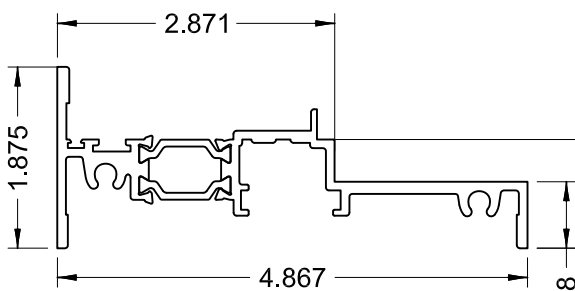
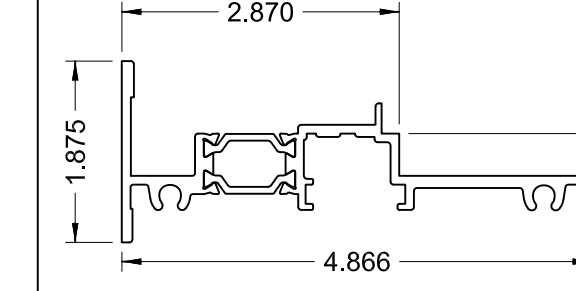
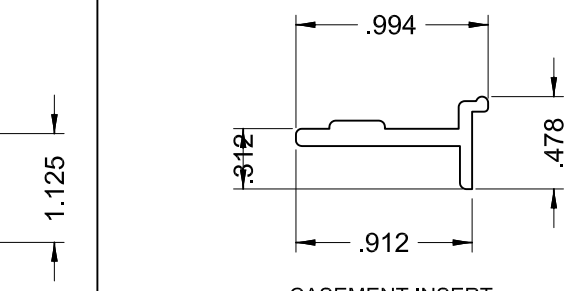
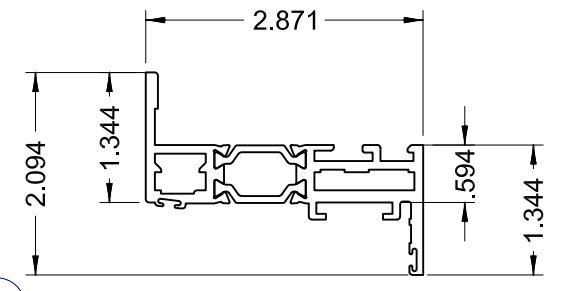
REV. 0
12/26/2023

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DWG.
3-4250i-LM-CA-PI

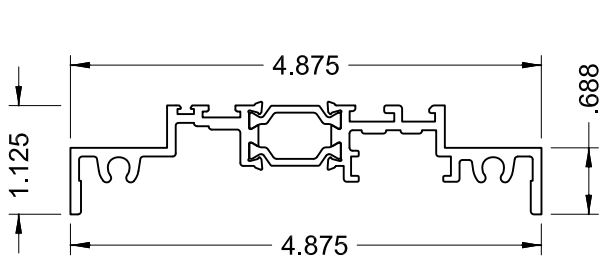
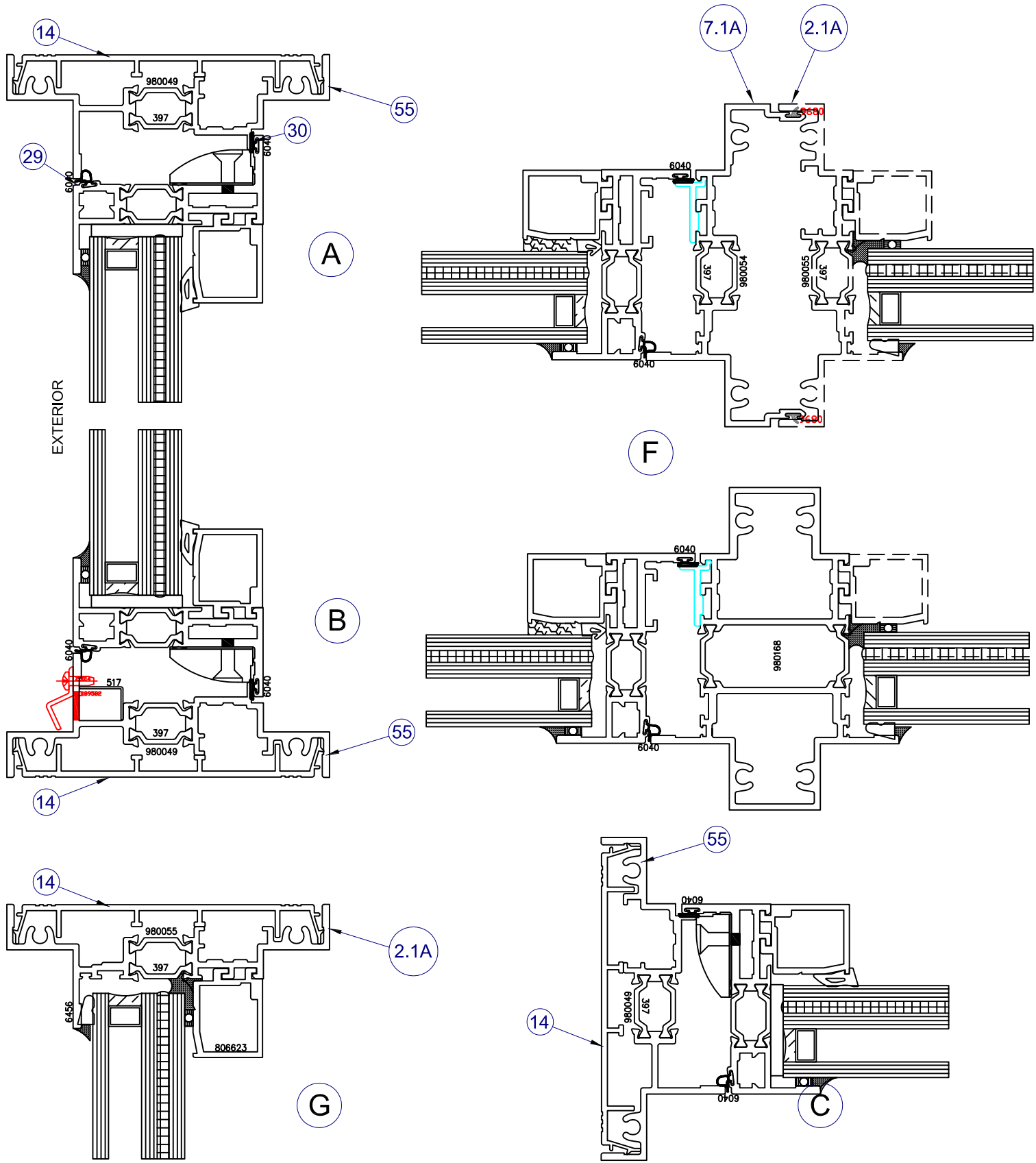
FPA #
FL46241.1

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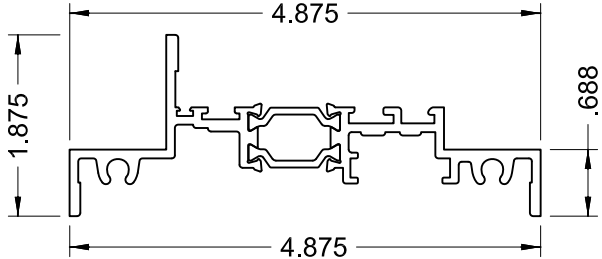
 50 SERIES 3250i FRAME HEAD/JAMB	 51 SERIES 3250i FRAME SILL	 51A SERIES 3250i ALT. FRAME SILL	 4250i SERIES 4250i FRAME SILL	7800 International Drive Wausau, WI 54401 Phone: (715) 845-2161 Fax.: (715) 843-4350 WAUSAU WINDOW AND WALL SYSTEMS  www.wausauwindow.com
 25 CASEMENT VENT	 52 SERIES 4250i FRAME HEAD/JAMB	 53 SERIES 4250i FRAME SILL	 27 CASEMENT INSERT	
 25A CASEMENT VENT AT LOCKS				Lucas A. Turner, P.E. FL PE #58201 Turner Engineering & Consulting, Inc. 2428 Old Natchez Trc. Trl. Camden, TN 38320 Ph. 941-380-1754 
REV. 0 12/26/2023 SCALE: NTS DWG. 3-4250i-LM-CA-PI FPA # FL46241.1 SHT. 18 of 21				

4250I-OS FRAME OPTION

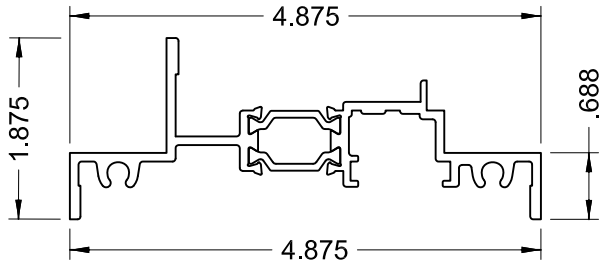
4250i OS FRAMES AS SHOWN ON THIS SHEET MAY BE USED IN LIEU OF STANDARD 4250i FRAMES AS SHOWN IN DETAILS SHEETS 7 THROUGH 14. OS FRAME WINDOW SIZES, DESIGN PRESSURES, GLAZING DETAILS, ANCHORAGE METHODS, AND OTHER DETAILS NOT SHOWN THIS SHEET, ARE IN ACCORDANCE WITH CORRESPONDING STANDARD FRAMES.



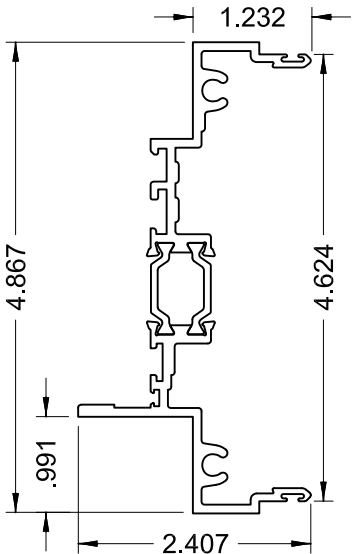
2.1 SERIES 4250i-OS
FRAME HEAD/SILL/JAMB



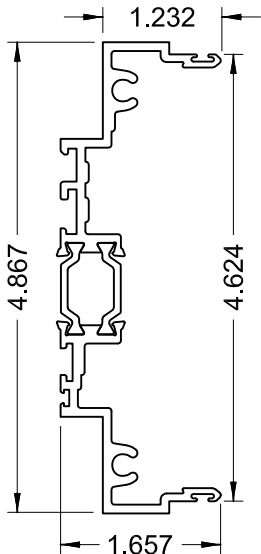
2.1A SERIES 4250i-OS
ALT. FRAME HEAD/SILL/JAMB



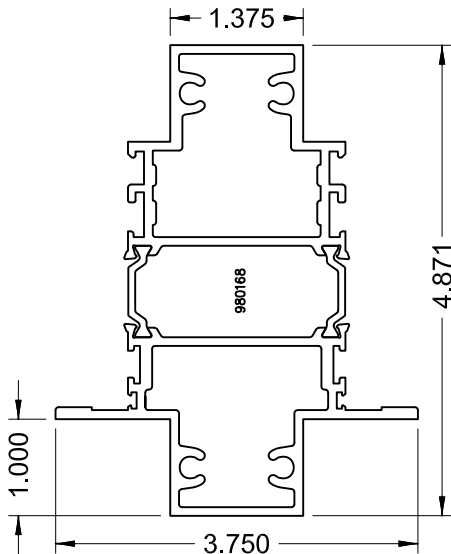
55 SERIES 4250i-OS
FRAME HEAD/SILL/JAMB



7.1A SERIES 4250i
ALT. MALE MULLION



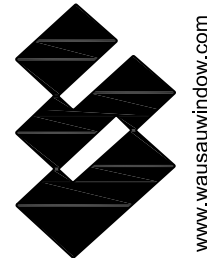
SERIES 4250i
MALE MULLION 7.1



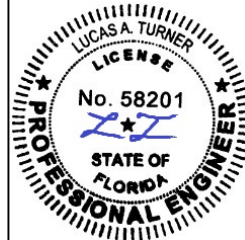
SERIES 4250i
ALT. MULLION

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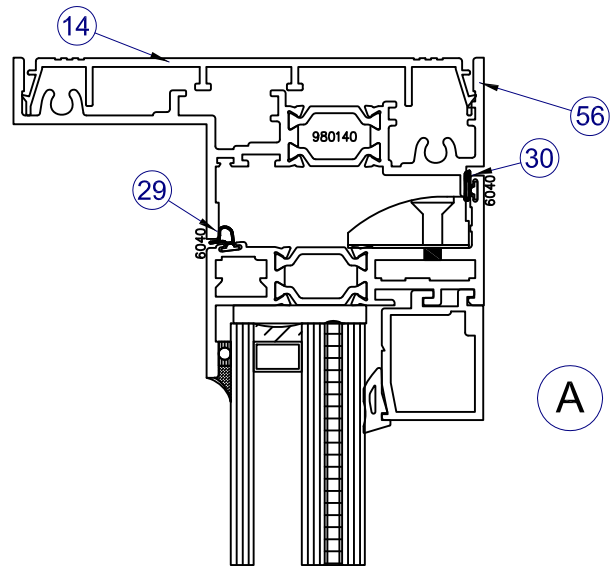
REV. 0
12/26/2023

SCALE: NTS

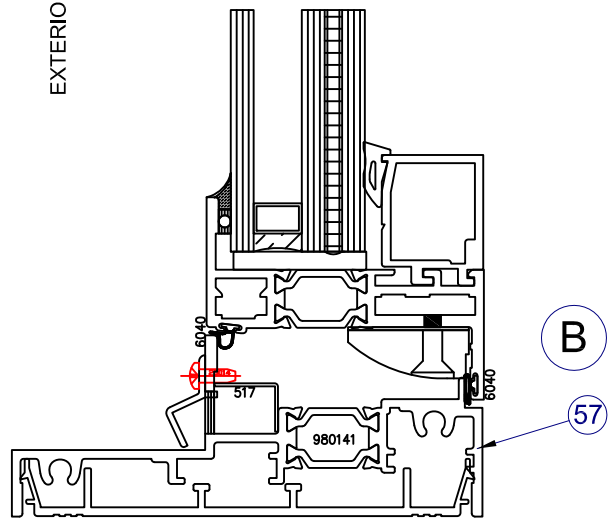
DWG.
3-4250i-LM-CA-PI

FPA #
FL46241.1

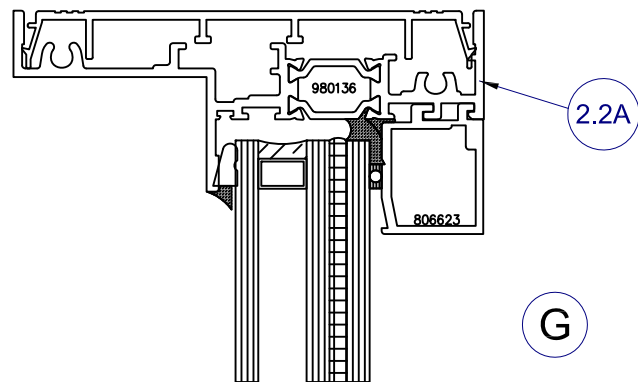
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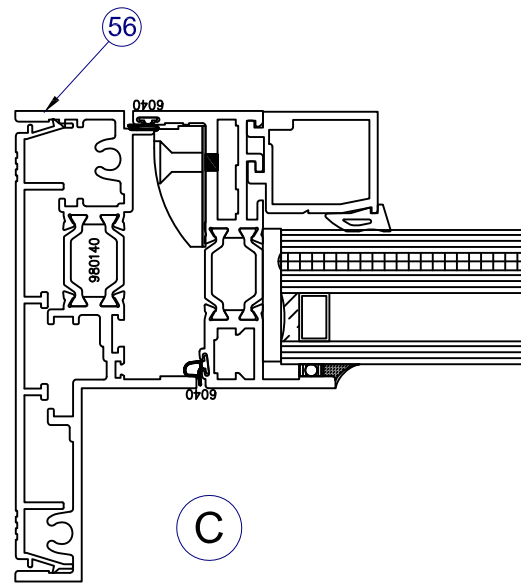
A



B



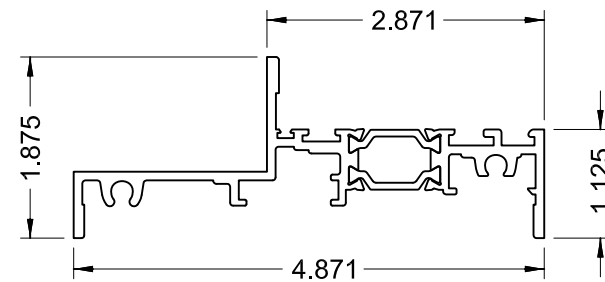
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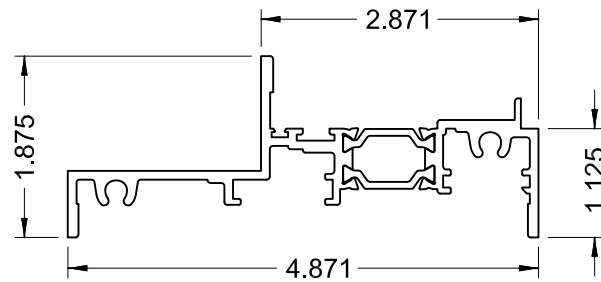
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4250I-SDH FRAME OPTION

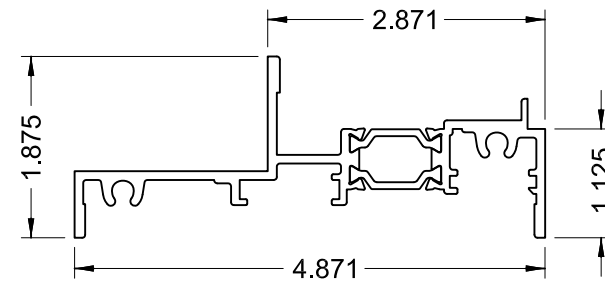
4250i SDH FRAMES AS SHOWN ON THIS SHEET MAY BE USED IN LIEU OF STANDARD 4250i FRAMES AS SHOWN IN DETAILS SHEETS 7 THROUGH 14. SDH FRAME WINDOW SIZES, DESIGN PRESSURES, GLAZING DETAILS, ANCHORAGE METHODS, AND OTHER DETAILS NOT SHOWN THIS SHEET, ARE IN ACCORDANCE WITH CORRESPONDING STANDARD FRAMES.



2.2A SERIES 4250i-SDH
FRAME HEAD/SILL/JAMB



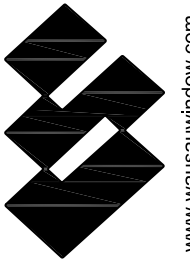
56 SERIES 4250i-SDH
FRAME HEAD/JAMB



57 SERIES 4250i-SDH
FRAME SILL

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REV. 0
12/26/2023

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DWG.
3-4250i-LM-CA-PI

FPA #
FL46241.1

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ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	980039	4	FRAME HEAD/SILL/JAMB	6063-T6	3250i SERIES
1A	980035	4	FRAME HEAD/SILL/JAMB	6063-T6	3250i SERIES
1.1	980041	1	OPTIONAL FRAME SILL	6063-T6	3250i SERIES
1.1A	995905	1	OPTIONAL FRAME SILL	6063-T6	4250i SERIES
2	980044	4	FRAME HEAD/SILL/JAMB	6063-T6	4250i SERIES
2A	995903	4	FRAME HEAD/SILL/JAMB	6063-T6	4250i SERIES
2.1	980053	4	FRAME HEAD/SILL/JAMB	6063-T6	4250i-OS SERIES
2.1A	980055	4	FRAME HEAD/SILL/JAMB	6063-T6	4250i-OS SERIES
2.2	980139	4	FRAME HEAD/SILL/JAMB	6063-T6	4250i-SDH SERIES
2.2A	980136	4	FRAME HEAD/SILL/JAMB	6063-T6	4250i-SDH SERIES
3	980197	AS REQD.	IMPOST	6063-T6	3250i SERIES
3A	980197	AS REQD.	ALT. IMPOST	6063-T6	3250i SERIES
4	980100	AS REQD.	IMPOST	6063-T6	4250i SERIES
4A	980100	AS REQD.	ALT. IMPOST	6063-T6	4250i SERIES
4.1	980168	AS REQD.	IMPOST	6063-T6	4250i-OS SERIES
4.1A	980168	AS REQD.	ALT. IMPOST	6063-T6	4250i-OS SERIES
4.2	-	AS REQD.	IMPOST	6063-T6	4250i-SDH SERIES
4.2A	-	AS REQD.	ALT. IMPOST	6063-T6	4250i-SDH SERIES
5	980040	AS REQD.	MALE MULLION	6063-T6	3250i SERIES
5A	980038	AS REQD.	ALT. MALE MULLION	6063-T6	3250i SERIES
6	980039	AS REQD.	FEMALE MULLION	6063-T6	3250i SERIES
6A	980035	AS REQD.	ALT. FEMALE MULLION	6063-T6	3250i SERIES
7	980045	AS REQD.	MALE MULLION	6063-T6	4250i SERIES
7A	980046	AS REQD.	ALT. MALE MULLION	6063-T6	4250i SERIES
7.1	980052	AS REQD.	FEMALE MULLION	6063-T6	4250i-OS SERIES
7.1A	980054	AS REQD.	ALT. FEMALE MULLION	6063-T6	4250i-OS SERIES
7.2	980134	AS REQD.	MALE MULLION	6063-T6	4250i-SDH SERIES
7.2A	980137	AS REQD.	ALT. MALE MULLION	6063-T6	4250i-SDH SERIES
8	980044	AS REQD.	FEMALE MULLION	6063-T6	4250i SERIES
8A	995903	AS REQD.	ALT. FEMALE MULLION	6063-T6	4250i SERIES
9	805973	AS REQD.	FRAME INSERT	6063-T6	3250i & 4250i SERIES
10	907622	AS REQD.	EXTERIOR MULLION INSERT	6063-T6	3250i & 4250i SERIES
10A	907624	AS REQD.	INTERIOR MULLION INSERT	6063-T6	3250i & 4250i SERIES
11	805988	4	GLAZING BEAD LEVEL 'D' IMPACT	6063-T6	3250i & 4250i SERIES
11A	805987	4	ALT. GLAZING BEAD LEVEL 'D' IMPACT	6063-T6	3250i & 4250i SERIES
11B	805952	4	ALT. GLAZING BEAD LEVEL 'D' IMPACT	6063-T6	3250i & 4250i SERIES
11C	805939	4	ALT. GLAZING BEAD LEVEL 'D' IMPACT	6063-T6	3250i & 4250i SERIES
11D	806637	4	ALT. GLAZING BEAD LEVEL 'D' IMPACT	6063-T6	3250i & 4250i SERIES
11E	805965	4	ALT. GLAZING BEAD LEVEL 'D' IMPACT	6063-T6	3250i & 4250i SERIES
12	806623	4	GLAZING BEAD LEVEL 'E' IMPACT	6063-T6	3250i & 4250i SERIES
13	141860	AS REQD.	ANCHOR CLIP (LEVEL 'D' & 'E' IMPACT)	STEEL	3250i & 4250i SERIES
13A	141860	AS REQD.	ANCHOR CLIP (LEVEL 'D' IMPACT)	STEEL	3250i & 4250i SERIES
13B	141860	AS REQD.	ANCHOR CLIP (LEVEL 'D' IMPACT)	STEEL	3250i & 4250i SERIES
14	579	AS REQD.	CAULK BAR	PVC	3250i SERIES
15	573	AS REQD.	CAULK BAR	PVC	4250i SERIES
16	144475	2/LITE	SETTING BLOCK	SILICONE	DUROMETER 70 +/-5, SHORE A
17	142748	AS REQD.	INTERIOR & EXTERIOR GLAZING TAPE	BUTYL	-
18	6456	AS REQD.	INTERIOR & EXTERIOR WEDGE GASKET	EPDM	DUROMETER 85 +/-5, SHORE A
19	5127	AS REQD.	INTERIOR WEDGE GASKET	EPDM	DUROMETER 85 +/-5, SHORE A
20	6790	AS REQD.	INTERIOR WEDGE GASKET	SILICONE	DUROMETER 70 +/-5, SHORE A
21	21355	AS REQD.	ASSEMBLY SCREWS	ST. STEEL	PH SMS
22	980019	AS REQD.	RECEPTOR HEAD/JAMB (LEVEL 'D' IMPACT)	6063-T6	3250i SERIES
22A	980020	AS REQD.	RECEPTOR HEAD/JAMB (LEVEL 'D' IMPACT)	6063-T6	4250i SERIES
23	837598	AS REQD.	RECEPTOR INSERT (LEVEL 'D' IMPACT)	6063-T6	-

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
24	980028	AS REQD.	RECEPTOR SILL 3 3/8" HIGH (LEVEL 'D' IMPACT)	6063-T6	3250i SERIES
24A	980029	AS REQD.	RECEPTOR SILL 3 3/8" HIGH (LEVEL 'D' IMPACT)	6063-T6	4250i SERIES
24.1	980025	AS REQD.	RECEPTOR SILL 2 3/8" HIGH (LEVEL 'D' IMPACT)	6063-T6	3250i SERIES
24.1A	980026	AS REQD.	RECEPTOR SILL 2 3/8" HIGH (LEVEL 'D' IMPACT)	6063-T6	4250i SERIES
24.2	980022	AS REQD.	RECEPTOR SILL 1 5/8" HIGH (LEVEL 'D' IMPACT)	6063-T6	3250i SERIES
24.2A	980023	AS REQD.	RECEPTOR SILL 1 5/8" HIGH (LEVEL 'D' IMPACT)	6063-T6	4250i SERIES
25	995888	3/VENT	CASEMENT VENT	6063-T6	-
25A	980033	1/VENT	CASEMENT VENT AT LOCK	6063-T6	-
27	805941	AS REQD.	FRAME INSERT	6063-T6	-
29	6039	AS REQD.	BULB W'STRIPPING AT EXTERIOR	VINYL	ULTRAFAB
30	6040	AS REQD.	BULB W'STRIPPING AT INTERIOR	VINYL	ULTRAFAB
31	140121	AS REQD.	JAMB WEATHER SEAL	PVC/VINYL	ALPHA PLASTICS
35	CLI 104805.215	AS REQD.	SURFACE MOUNT BUTT HINGES, AT 40" O.C. MAX.	6063-T6	CALDWELL MANF.
36	CLI 104805.215	3/VENT	LOCK/STRIKE PACKAGE, AT 50" O.C. MAX.	ST. STEEL	CALDWELL MANF.
37	8004	-	KB SLIDE RAIL, MULTI LOCK	POLYAMIDE	TECHNOFORM
38	CLR 100186	-	FRICTION ADJUSTER, 12", FA-33	ST. STEEL	TRUTH HARDWARE
39	CLR 100186	-	P. L LIFT BLOCK	-	WWWS
40	107211	-	MULTI LOCK HANDLE COUPLER	-	CALDWELL MANF.
41	107228	-	MULTI LOCK, HANDLE	STEEL	CALDWELL MANF.
41A	107215	-	ALT. MULTI LOCK, HANDLE	STEEL	CALDWELL MANF.
50	980067	3	FRAME HEAD/JAMB	6063-T6	3250i SERIES
51	980041	1	FRAME SILL	6063-T6	3250i SERIES
51A	980036	1	FRAME SILL	6063-T6	3250i SERIES
52	980071	3	FRAME HEAD/JAMB	6063-T6	4250i SERIES
53	995907	1	FRAME SILL	6063-T6	4250i SERIES
54					
55	980049	1	FRAME HEAD/SILL/JAMB	6063-T6	4250i-OS SERIES
56	980140	3	FRAME HEAD/JAMB	6063-T6	4250i-SDH SERIES
57	980141	1	FRAME SILL	6063-T6	4250i-SDH SERIES

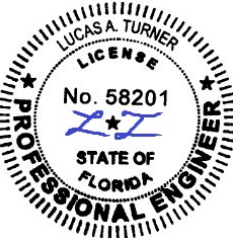
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