

THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.
SHUTTERS ARE NOT REQUIRED.

SERIES 2500 ALUMINUM SINGLE HUNG WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER
CHART SHOWN ON SHEETS 2, 2.1 & 2.2.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE
COMBINATIONS OF S.H./S.H. OR SINGLE HUNG WITH OTHER
F.B.C. APPR'D WINDOWS USING F.B.C. APPROVED MULLIONS
IN BETWEEN.

LOWER DESIGN PRESSURE FROM WINDOW OR MULLION APPROVAL
WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE 2023 (8TH EDITION)/2026 (9TH EDITION) FLORIDA
BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE
DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT
LOADS TO THE BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS
AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE
MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

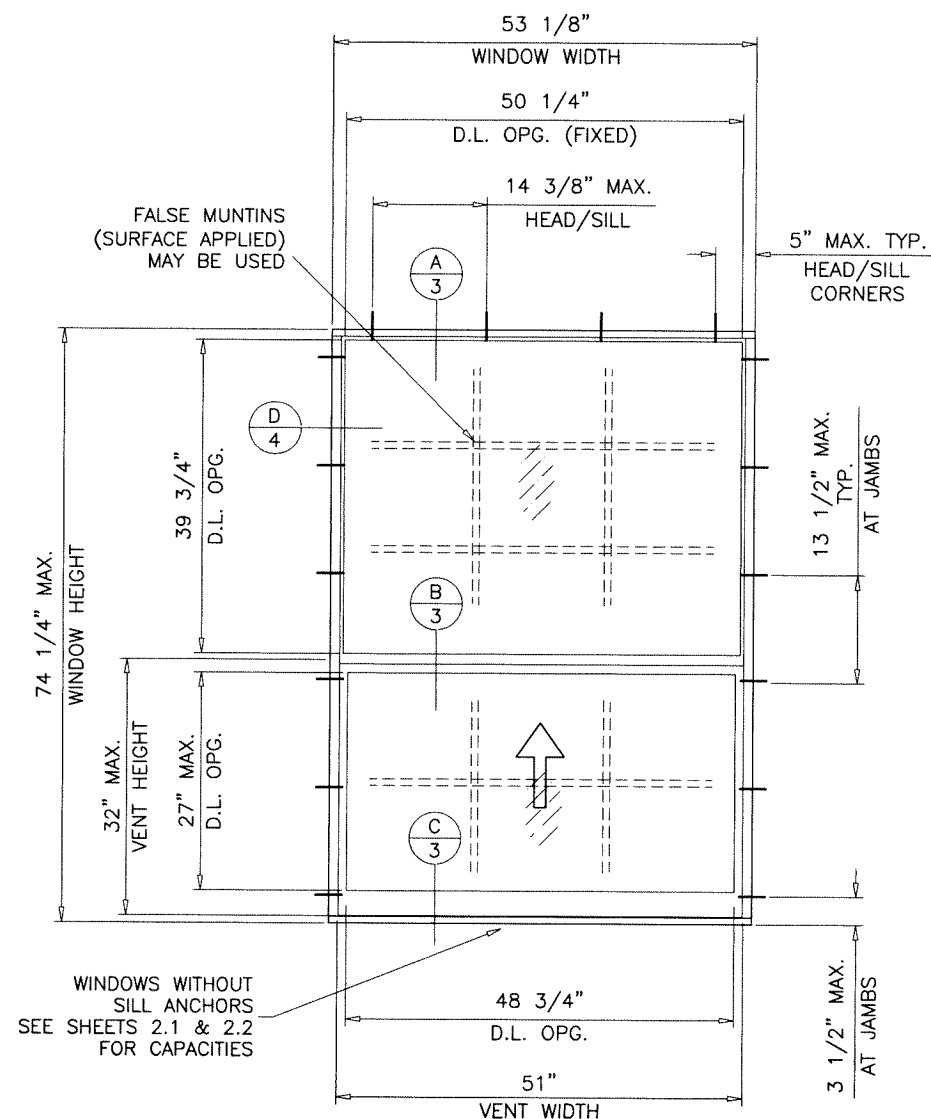
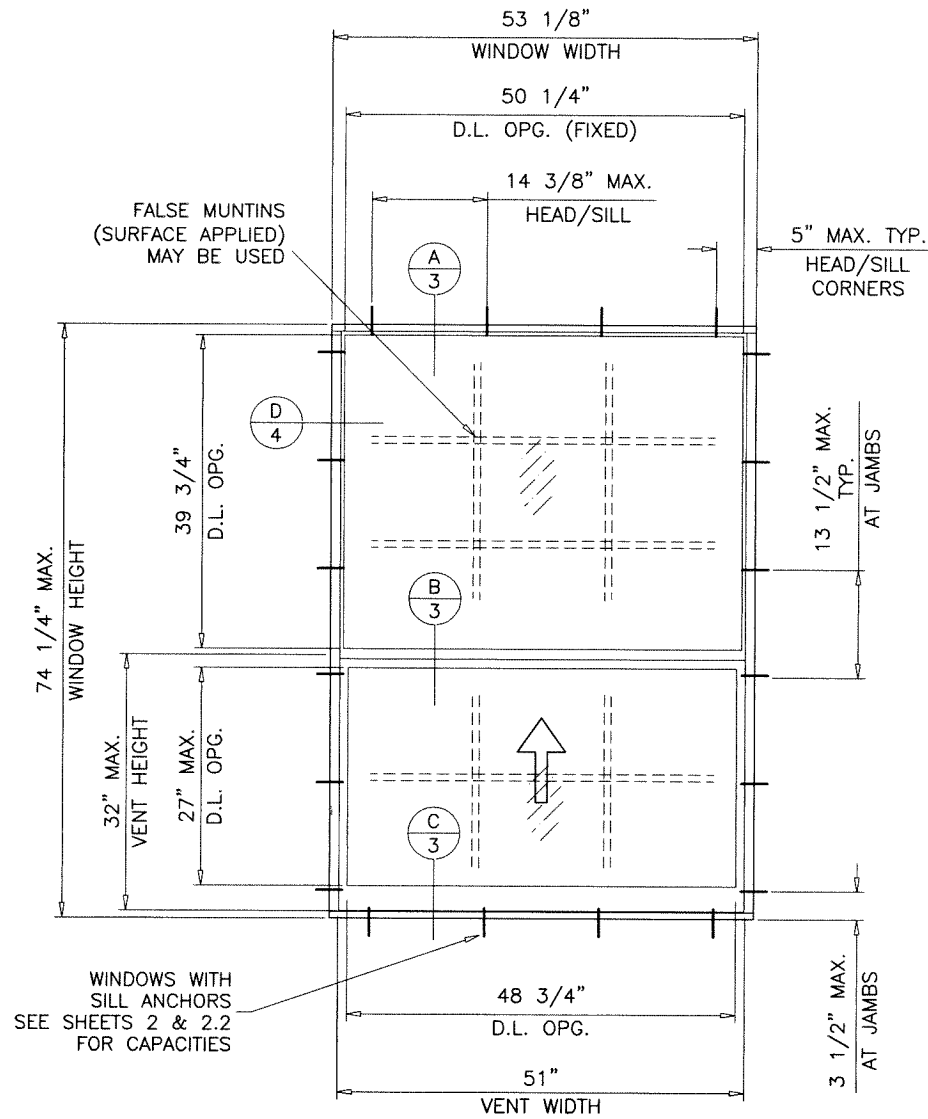
ALL SHIMS TO BE LOAD-BEARING, (HIGH DENSITY PLASTIC/COMPOSITE, METAL
OR OTHER RIGID MATERIALS).

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE
REQUIREMENTS OF THE 2023/2026 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION
FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY
OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR
WATER INFILTRATION RESISTANCE ETC.
CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,
AND TO BE REVIEWED BY BUILDING OFFICIAL.

DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION
IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE.
LABELING TO COMPLY WITH SECTION 1709.9.2.



TYPICAL ELEVATION

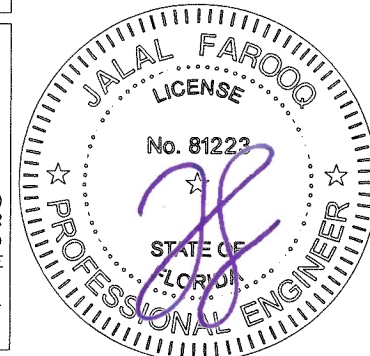
TESTED UNITS

Sealed: 9/29/2026

LAMINATED GLASS
LARGE MISSILE IMPACT

FASTENERS AND CONNECTORS (AS APPLICABLE) SHOWN IN THIS APPROVAL MAY NOT MEET
CORROSION RESISTANCE REQUIREMENTS FOR COASTAL OR SALT WATER EXPOSURE ZONES.
COMPLIANCE WITH THESE CONDITIONS TO BE CHECKED PER FBC 1711.

- A- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND
INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION
PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED
ON THIS DOCUMENT.
- B- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF
ALTERED BY ANY MEANS.
- C- SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED
ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.)
FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER
USE OF THE P.E.D. ENGINEER OF RECORD, ACTING AS A DELEGATED
ENGINEER TO THE P.E.D. ENGINEER SHALL SUBMIT TO THIS LATTER THE SITE
SPECIFIC DRAWINGS FOR REVIEW.
- D- THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF
THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.



af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL W15-60AWP

SERIES 2500 ALUM SINGLE HUNG WINDOW (L.M.I.)
Assura Windows & Doors, LLC.
1543 N. Powerline Road
Pompano Beach, FL 33069
Tel. (954) 781-4430 www.assurawindows.com

no	date	by	description
E	09.23.20		UPDATED TO 2020 FBC
F	09.14.22		JINJIO INTERLAYER ADDED
G	07.14.23		UPDATED TO 2023 FBC
H	09.25.26		UPDATED TO 2026 FBC

date: 08-22-15
scale: 1/2" = 1"
dr. by: TARIQ
chk. by:

drawing no.

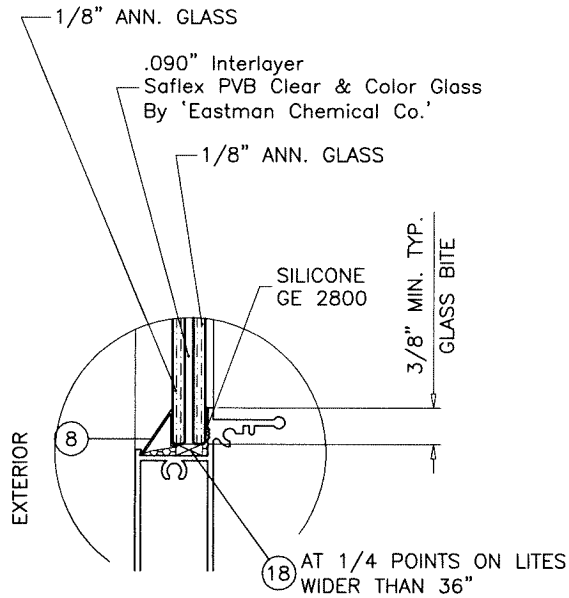
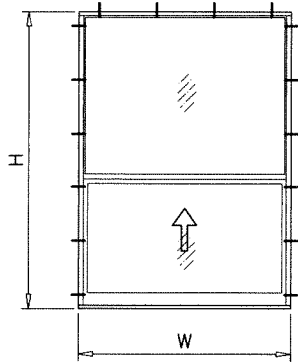
W15-60

sheet 1 of 5

EQUAL LITES WINDOWS DESIGN LOAD CAPACITY - PSF WINDOWS WITHOUT SILL ANCHORS					
WINDOW DIMS.		GLASS TYPE 'C'		GLASS TYPE 'D'	
WIDTH	HEIGHT	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)
19-1/8"	26" (3)	60.0	65.0	70.0	90.0
26-1/2"		60.0	65.0	70.0	90.0
37"		60.0	65.0	70.0	90.0
42"		60.0	65.0	70.0	90.0
48"		60.0	65.0	70.0	90.0
53-1/8"		60.0	65.0	70.0	83.1
19-1/8"	38-3/8" (4)	60.0	65.0	70.0	90.0
26-1/2"		60.0	65.0	70.0	90.0
37"		60.0	65.0	70.0	90.0
42"		60.0	65.0	70.0	90.0
48"		60.0	65.0	70.0	83.1
53-1/8"		60.0	65.0	70.0	75.1
19-1/8"	50-5/8" (4)	60.0	65.0	70.0	90.0
26-1/2"		60.0	65.0	70.0	90.0
37"		60.0	65.0	70.0	81.7
42"		60.0	65.0	70.0	72.0
48"		60.0	63.0	60.0	63.0
53-1/8"		56.9	56.9	56.9	56.9
19-1/8"	59" (5)	60.0	65.0	70.0	90.0
26-1/2"		60.0	65.0	70.0	90.0
37"		60.0	65.0	70.0	87.7
42"		60.0	65.0	60.0	65.0
48"		60.0	65.0	60.0	65.0
53-1/8"		60.0	61.1	60.0	61.1
19-1/8"	63" (6)	60.0	65.0	70.0	90.0
26-1/2"		60.0	65.0	70.0	90.0
37"		60.0	65.0	70.0	90.0
42"		60.0	65.0	60.0	65.0
48"		60.0	65.0	60.0	65.0
53-1/8"		60.0	65.0	60.0	65.0
19-1/8"	74-1/4" (6)	60.0	65.0	70.0	90.0
26-1/2"		60.0	65.0	70.0	90.0
37"		60.0	65.0	60.0	65.0
42"		60.0	65.0	60.0	65.0
48"		60.0	64.4	60.0	64.4
53-1/8"		58.2	58.2	58.2	58.2
19-1/8"	76" (6)	60.0	65.0	70.0	90.0
26-1/2"		60.0	65.0	70.0	90.0
37"		60.0	65.0	60.0	65.0
42"		60.0	65.0	60.0	65.0
48"		60.0	63.0	60.0	63.0
51"		59.2	59.2	59.2	59.2

* NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.

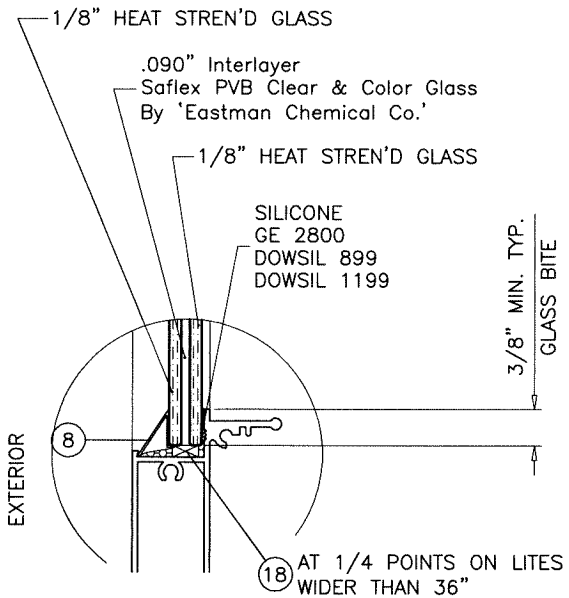
NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-16 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219



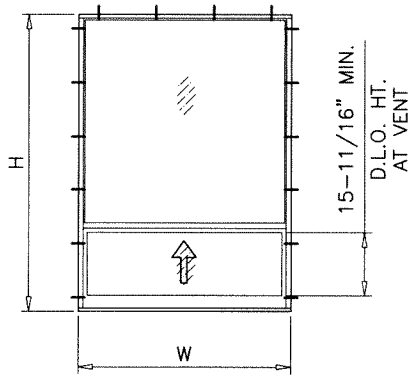
GLASS TYPE 'C'

UNEQUAL LITES (ORIEL TYPES) WINDOWS DESIGN LOAD CAPACITY - PSF WINDOWS WITHOUT SILL ANCHORS					
WINDOW DIMS.		GLASS TYPE 'C'		GLASS TYPE 'D'	
WIDTH	HEIGHT	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)
19-1/8"	50-5/8" (4)	60.0	65.0	70.0	90.0
26-1/2"		60.0	65.0	70.0	90.0
37"		60.0	65.0	70.0	81.7
42"		60.0	65.0	60.0	65.0
48"		60.0	63.0	60.0	63.0
53-1/8"		56.9	56.9	56.9	56.9
19-1/8"	59" (5)	60.0	65.0	70.0	90.0
26-1/2"		60.0	65.0	70.0	90.0
37"		60.0	65.0	60.0	65.0
42"		60.0	65.0	60.0	65.0
48"		60.0	65.0	60.0	65.0
53-1/8"		60.0	61.1	60.0	61.1
19-1/8"	63" (6)	60.0	65.0	70.0	90.0
26-1/2"		60.0	65.0	70.0	90.0
37"		60.0	65.0	60.0	65.0
42"		60.0	65.0	60.0	65.0
48"		60.0	65.0	60.0	65.0
51"		60.0	65.0	60.0	65.0
19-1/8"	74-1/4" (6)	60.0	65.0	70.0	90.0
26-1/2"		60.0	65.0	60.0	65.0
37"		60.0	65.0	60.0	65.0
19-1/8"	76" (6)	60.0	65.0	70.0	90.0
26-1/2"		60.0	65.0	60.0	65.0
37"		60.0	65.0	60.0	65.0

* NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.

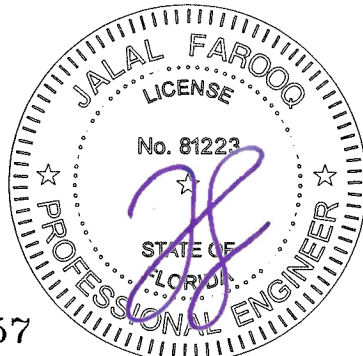


GLASS TYPE 'D'



Sealed: 9/29/2026

WINDOWS WITHOUT
SILL ANCHORS



FL #21857

AL-FAROOQ CORPORATION
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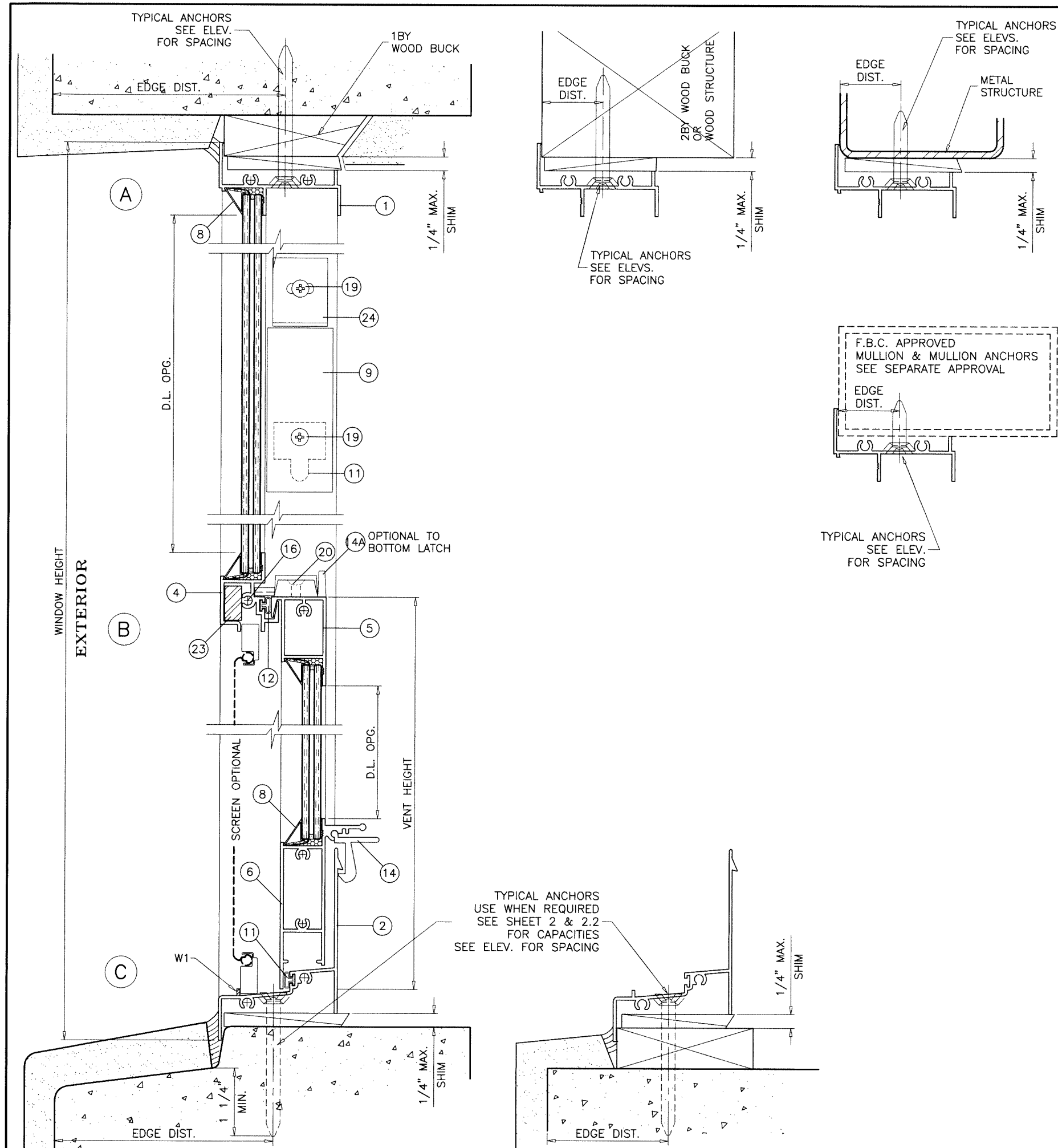
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Revisions:
no date by description

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chk. by:

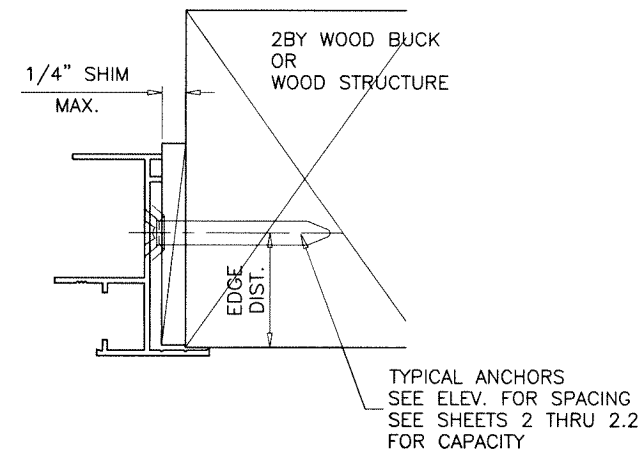
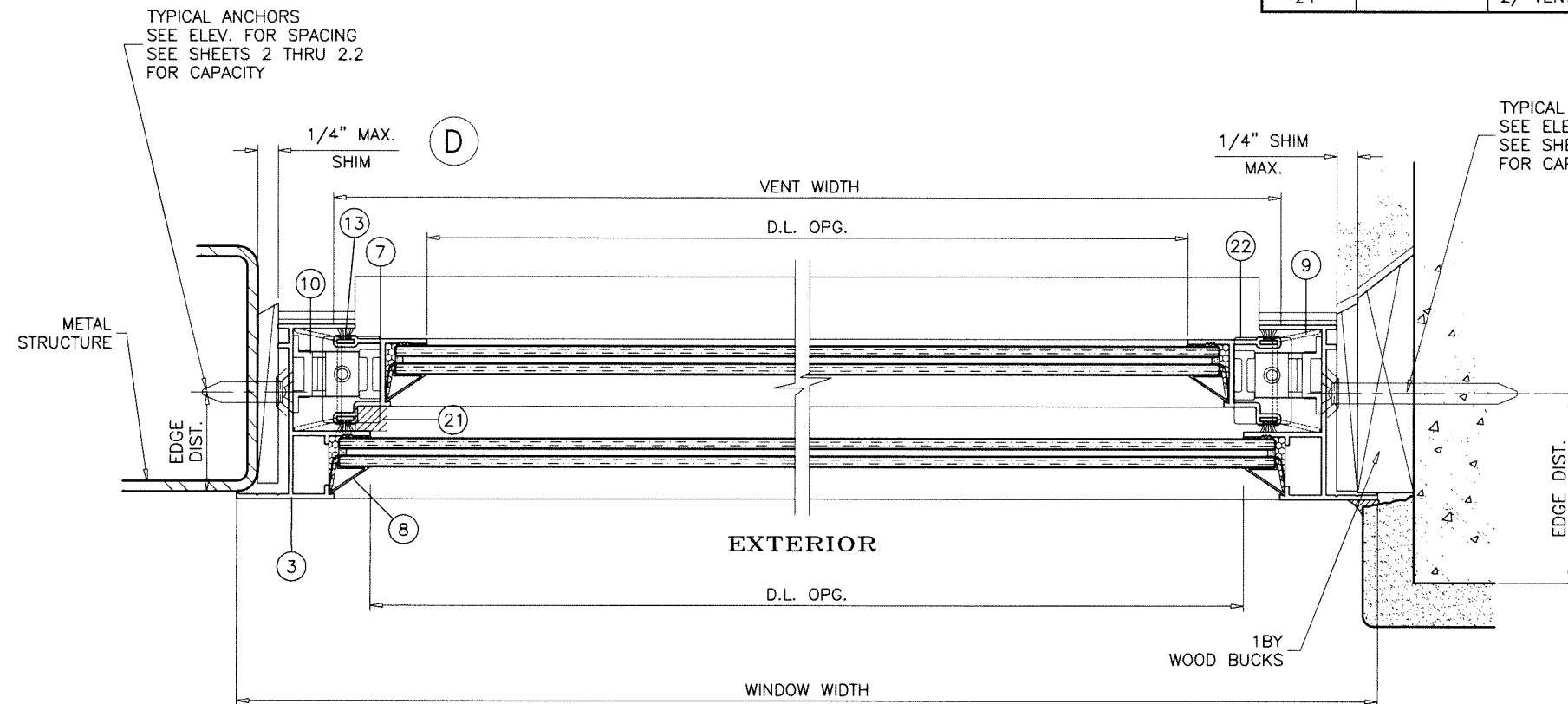
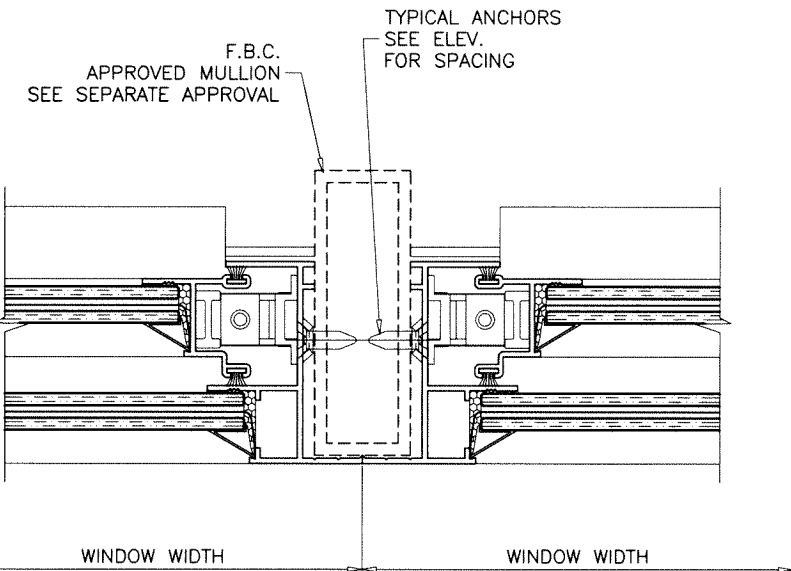
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W15-60
sheet 2.1 of 5



WOOD BUCKS AND METAL STRUCTURE NOT BY 'ASSURA WDWS.'
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

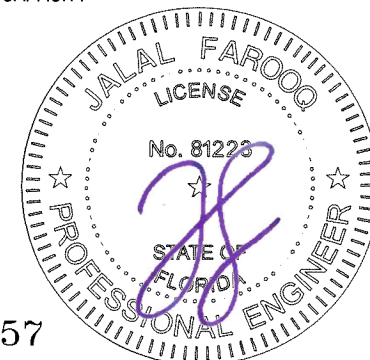
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ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	YE-169	1	FRAME HEAD	6063-T6	-
2	YE-167	1	FRAME SILL	6063-T6	-
3	YE-102	2	FRAME JAMB	6063-T6	-
4	YE-152	1	FIXED RAIL	6063-T6	-
5	YE-151	1	VENT TOP RAIL	6063-T6	-
6	YE-168	1	VENT BOTTOM RAIL	6063-T6	-
7	YE-92	2	VENT JAMB	6063-T6	-
8	YB-4	AS REQD.	GLAZING BEAD	ALUMINUM	ROLL FORMED
8A	-	AS REQD.	GLAZING BEAD	6063-T5	-
9	YH-518	2/ VENT	SASH STOP	RIGID VINYL	-
10	-	2/ VENT	BLOCK & TACKLE BALANCE	-	-
11	YH-505	2/ VENT	BALANCE CLIP	ALUMINUM	-
12	YH-622	AS REQD.	BULB W'STRIPPING	VINYL	SINGLE ROW
13	YH-4004	AS REQD.	FIN SEAL W'STRIPPING .187 X .250	WOOL	ULTRAFAB
14	YH-504	2/ VENT	SPRING LOADED VENT LATCHES	NYLON/CELCON	AT 11" FROM ENDS
14A	YH-515	2/ VENT	SWEEP LOCKS	ZAMAK	AT 11" FROM ENDS
15	YF-1	8	FRAME ASSEMBLY SCREWS (#10 X 3/4")	CRS	PLATED, PH SMS
16	YF-10	2/ VENT	FIXED RAIL SCREWS (#8 X 1")	CRS	CAD PLATED, PH SMS
17	YF-12	6/ VENT	VENT ASSEMBLY SCREWS (#8 X 1-1/4")	CRS	CAD PLATED, PH SMS
18	-	AS REQD.	SETTING BLOCKS	EPDM	DUROMETER 80±5 SHORE A
19	YF-6	1/ CLIP	#10 X 1/4" PH SMS POINT B	-	-
20	YF-14	2/ LOCK	SWEEP LOCK SCREWS (#8 X 5/8")	-	OH SMS
21	YC-15SP	2/ VENT	SELF ADHESIVE PAD (.375" X .31" X .75")	FOAM	-
22	YH-519	2/ VENT	BALANCE CAM	PLASTIC	-
23	YH-519	1	REINFORCING BAR (.627 X .312")	STEEL	HRB93
24	-	2/ VENT	SASH STOP (1" X 1-1/4" X 1/16")	ALUMINUM	ON 74-1/4" HIGH ONLY



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revisions:	no	date	by	description

date: 08-22-15

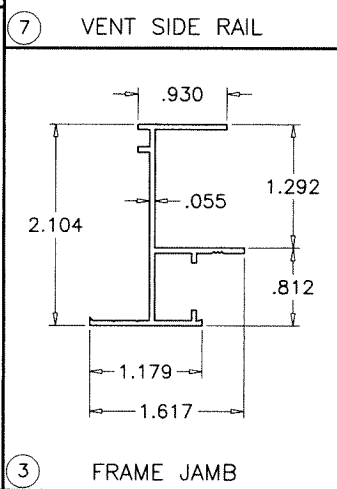
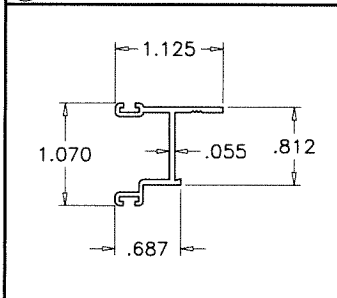
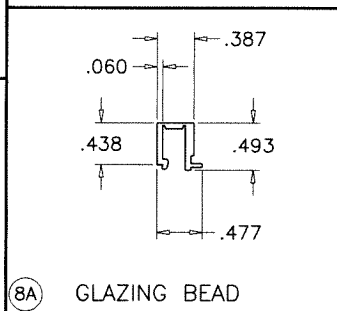
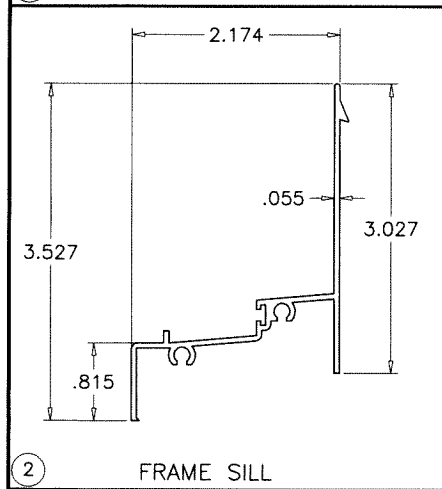
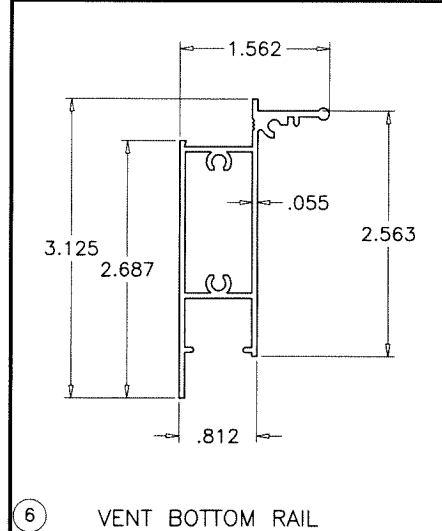
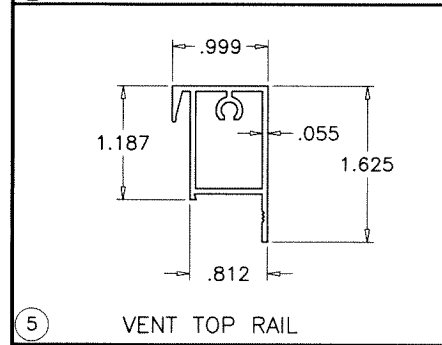
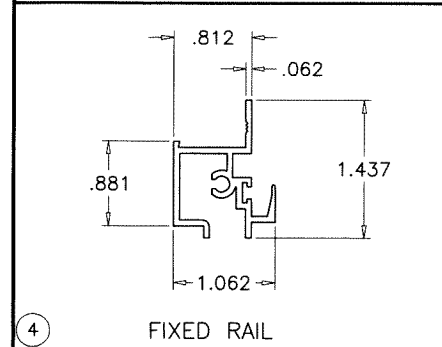
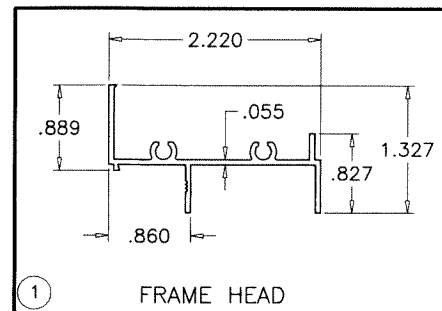
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dr. by: TARIQ

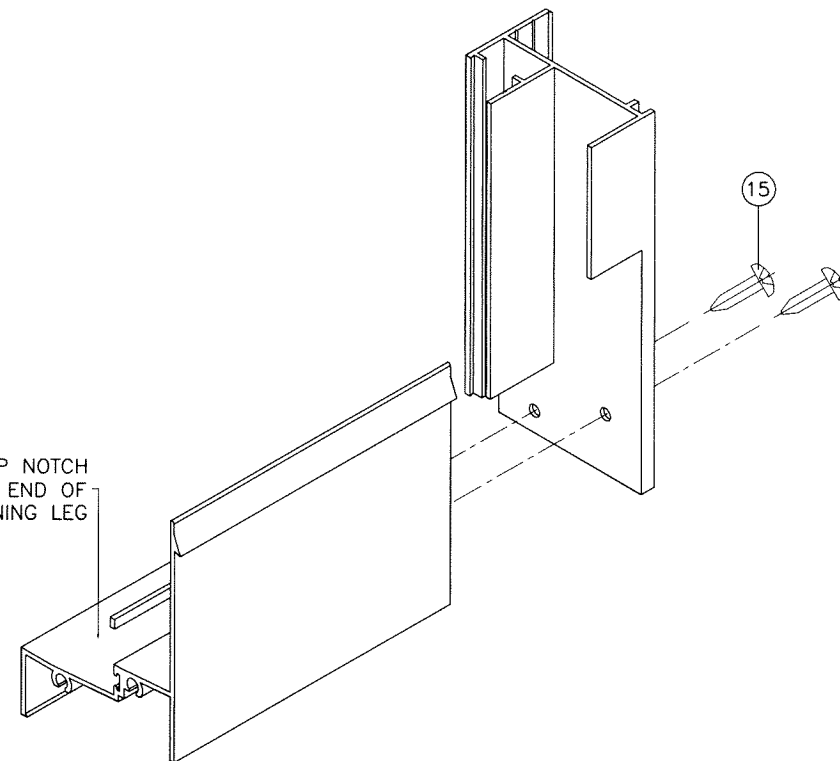
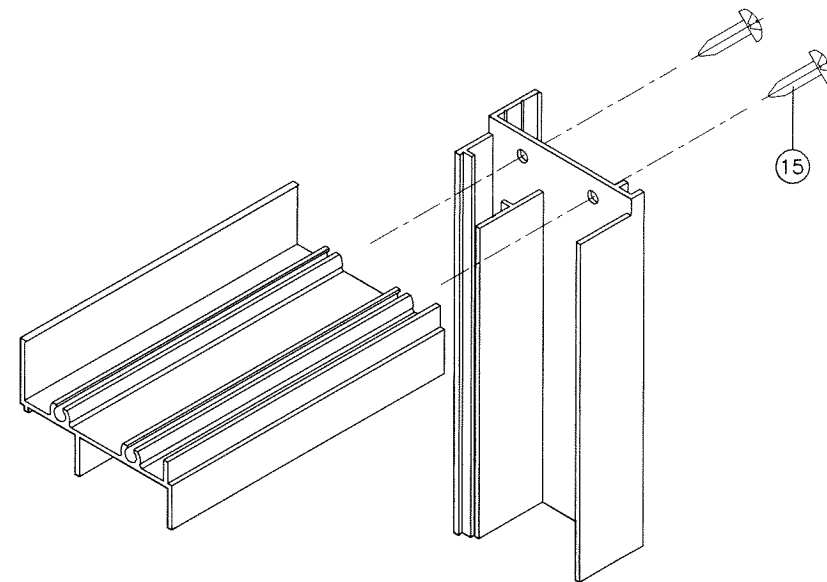
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W15-60

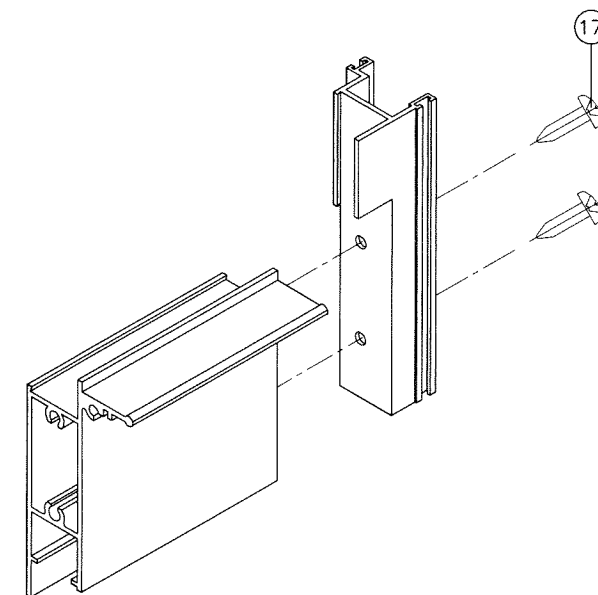
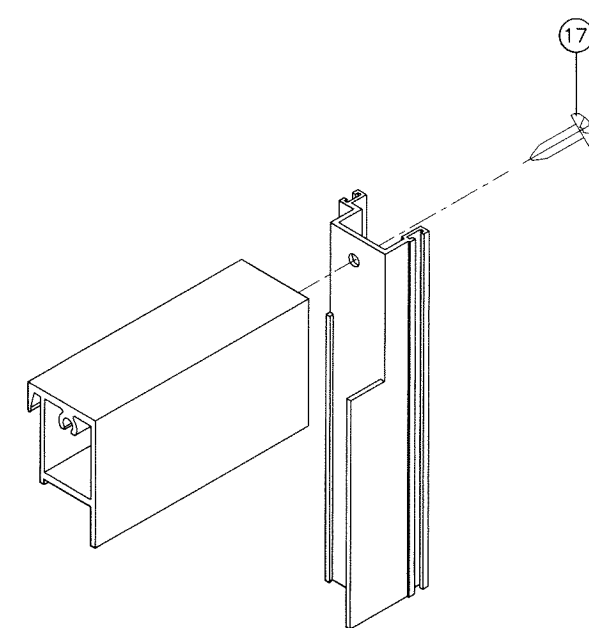
sheet 4 of 5



3/4" WEEP NOTCH
AT EACH END OF
SCREEN RETAINING LEG



S.H. FRAME CORNER DETAIL



S.H. VENT CORNER DETAIL

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