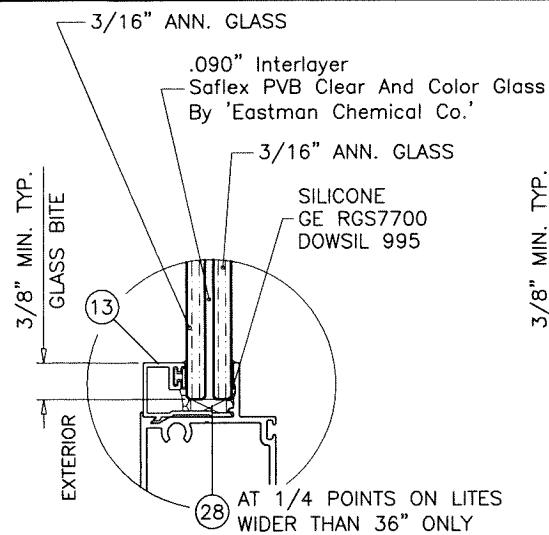
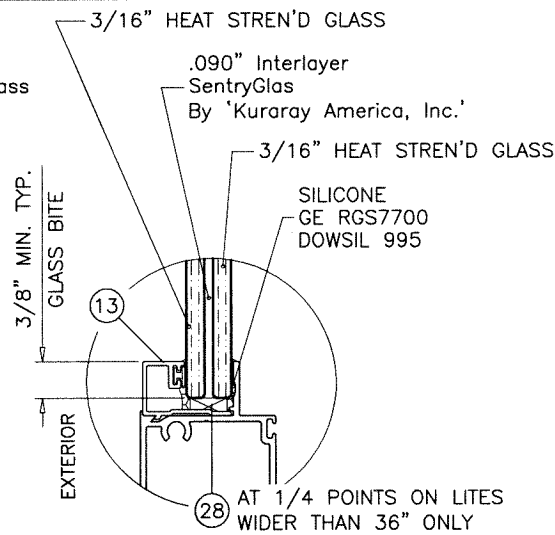
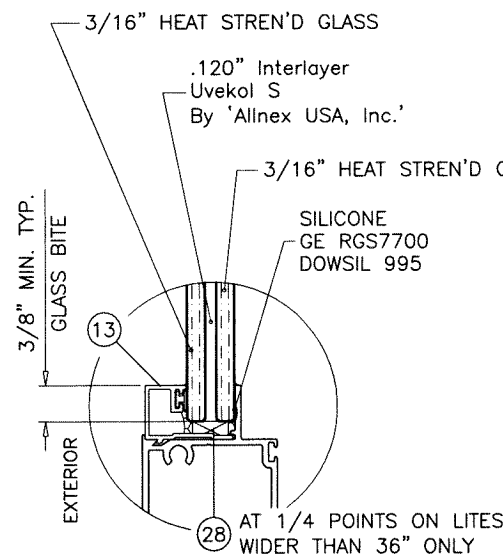




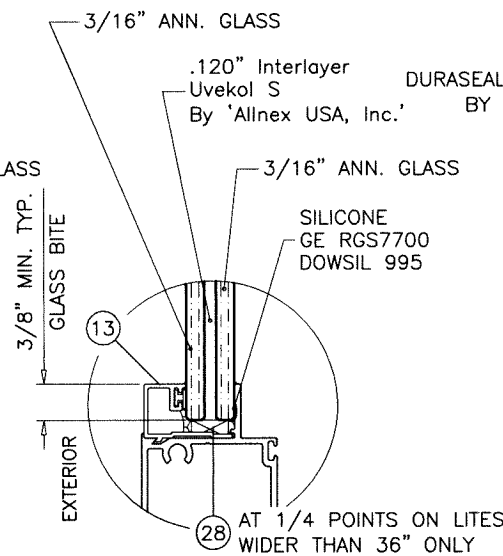
TYPE 'A'
7/16" OVERALL GLASS



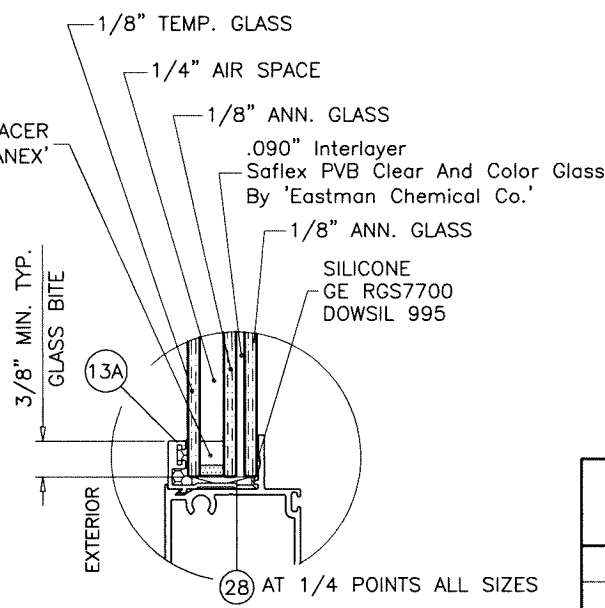
TYPE 'B'
7/16" OVERALL GLASS



TYPE 'C'
1/2" OVERALL GLASS



TYPE 'D'
1/2" OVERALL GLASS



TYPE 'E'
11/16" OVERALL INSUL. GLASS

GLAZING OPTIONS

SERIES 805

ALUMINUM HORIZONTAL ROLLING WDW.

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEETS 1 & 2.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF H.R./H.R. OR HORIZONTAL ROLLING WITH OTHER F.B.C. APPR'D WINDOWS USING F.B.C. APPROVED MULLIONS IN BETWEEN.
LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

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

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).

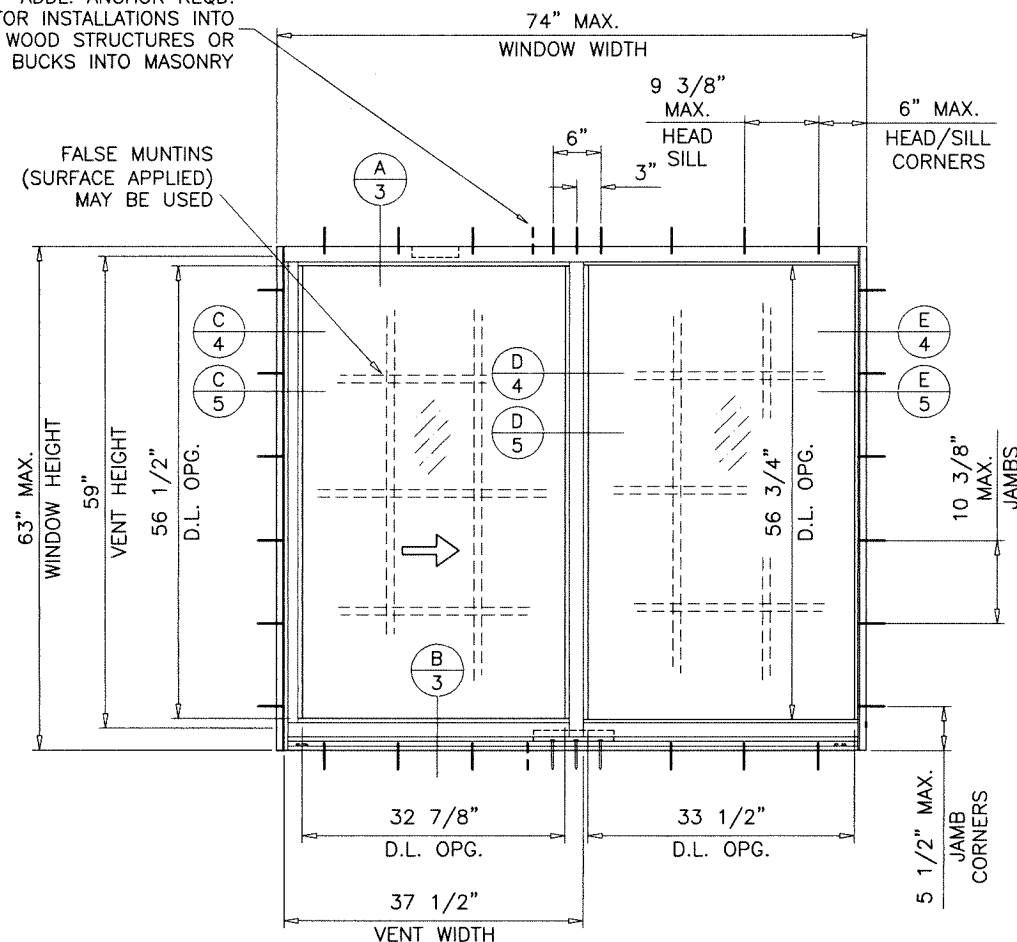
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2023/2026 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

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.

ADDL. ANCHOR REQ.
FOR INSTALLATIONS INTO
WOOD STRUCTURES OR
THRU WOOD BUCKS INTO MASONRY



TYPICAL ELEVATION

MAXIMUM DESIGN LOAD RATING - PSF FOR SIZES SHOWN ABOVE OR SMALLER

GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'C'		GLASS TYPE 'D'		GLASS TYPE 'E'	
EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
80.0	90.0	90.0	130.0	90.0	90.0	55.0	55.0	79.0	79.0

LOADS SHOWN ABOVE ARE FOR WINDOW VENTS WITH SPRING LOADED ALUMINUM LATCHES,
FOR METALLIC SWEEP LATCHES LIMIT MAX. LOADS TO ±80.0 PSF.

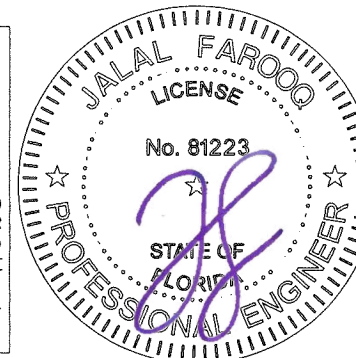
NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-16 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

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.

Sealed: 9/21/2026

FL #21850

- 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.



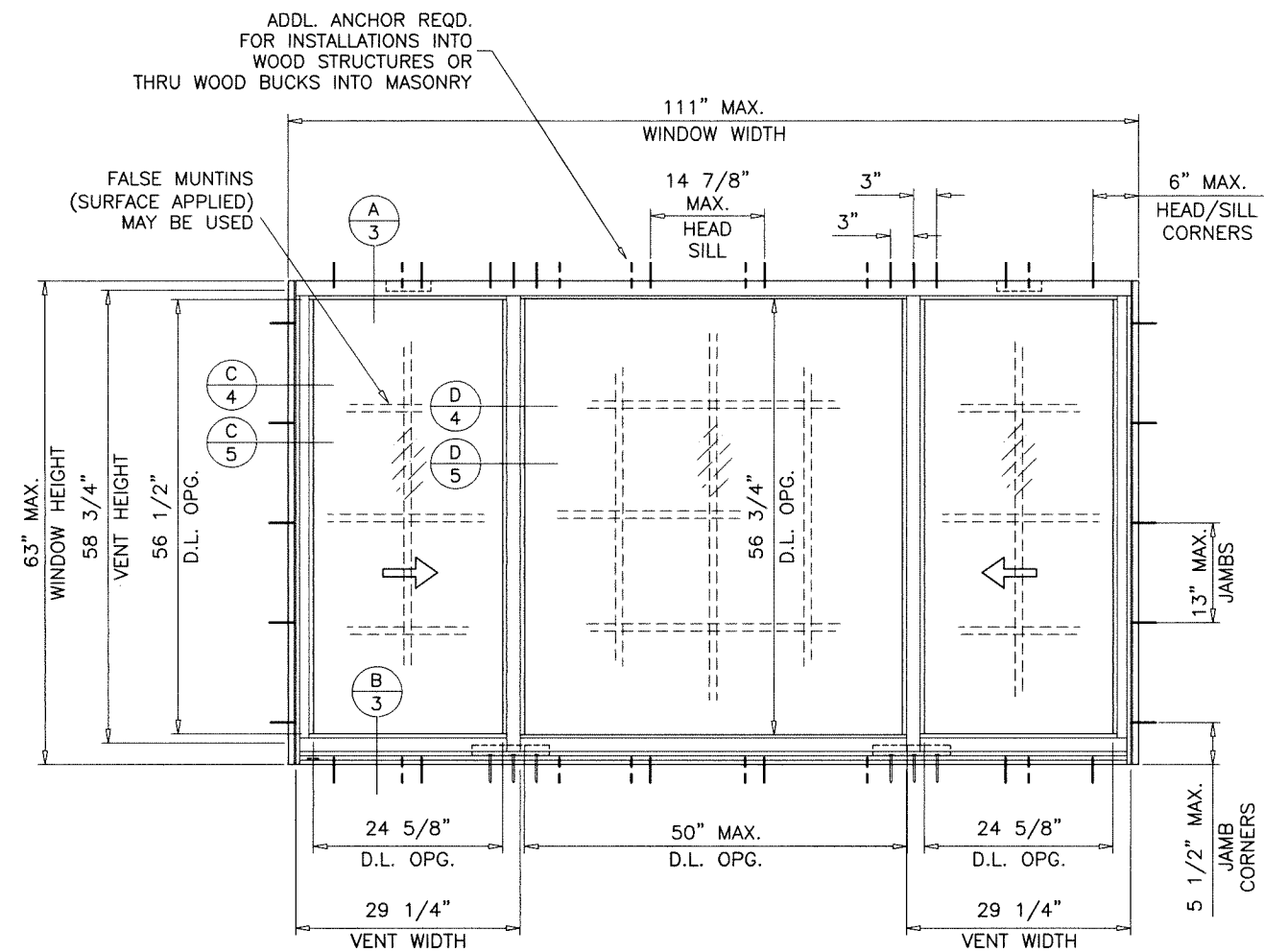
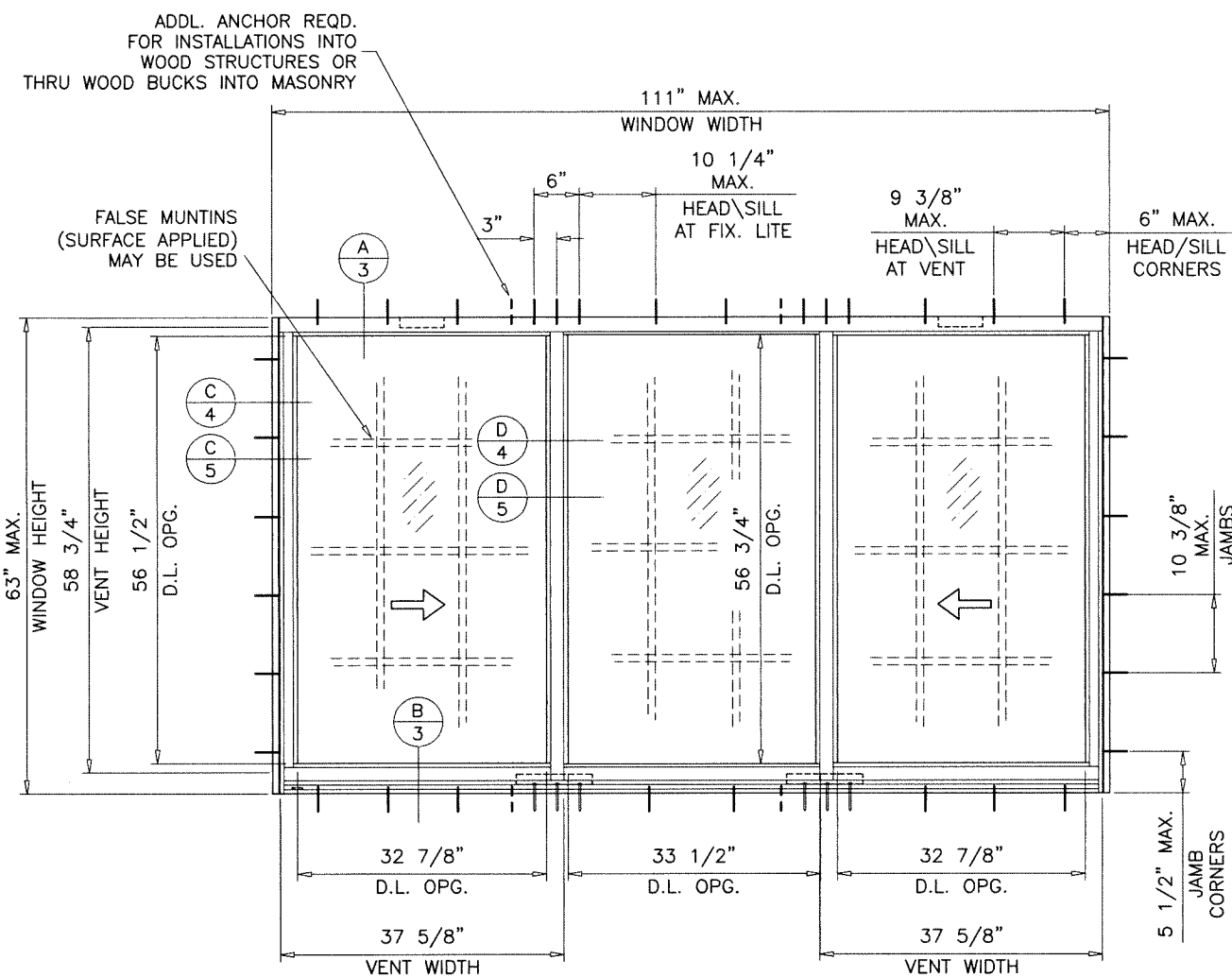
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W15-29TAW

SERIES 805 ALUM HORIZONTAL ROLLING WDW. (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
A	02.08.17	MANUF. NAME	REV
B	10.09.17	UPDATED TO 2017 FBC	
C	09.23.20	UPDATED TO 2020 FBC	
D	07.05.23	UPDATED TO 2023 FBC	
E	09.18.26	UPDATED TO 2026 FBC	

date: 06-29-15
scale: 1/2"=1'-0"
dr. by: TARIQ
chk. by:

drawing no.
W15-29
sheet 1 of 7



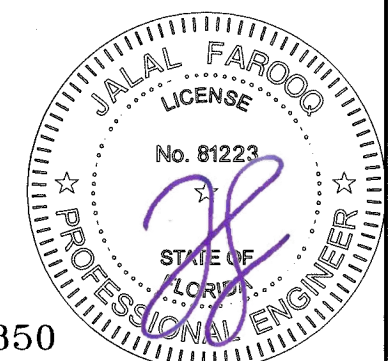
MAXIMUM DESIGN LOAD RATING - PSF FOR SIZES SHOWN ABOVE OR SMALLER							
GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'C'		GLASS TYPE 'E'	
EXT.(+)	INT.(−)	EXT.(+)	INT.(−)	EXT.(+)	INT.(−)	EXT.(+)	INT.(−)
80.0	90.0	90.0	130.0	90.0	90.0	79.0	79.0
LOADS SHOWN ABOVE ARE FOR WINDOW VENTS WITH SPRING LOADED ALUM LATCHES, FOR METALLIC SWEEP LATCHES LIMIT MAX. LOADS TO ±80.0 PSF.							

TYPICAL ELEVATIONS

XOX SIZES			
MAXIMUM DESIGN LOAD RATING - PSF FOR SIZES SHOWN ABOVE OR SMALLER			
GLASS TYPE 'A'		GLASS TYPE 'B'	
EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)
80.0	90.0	90.0	130.0
LOADS SHOWN ABOVE ARE FOR WINDOW VENTS WITH SPRING LOADED ALUM LATCHES, FOR METALLIC SWEEP LATCHES LIMIT MAX. LOADS TO ± 80.0 PSF.			

Sealed: 9/21/2026

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
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AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

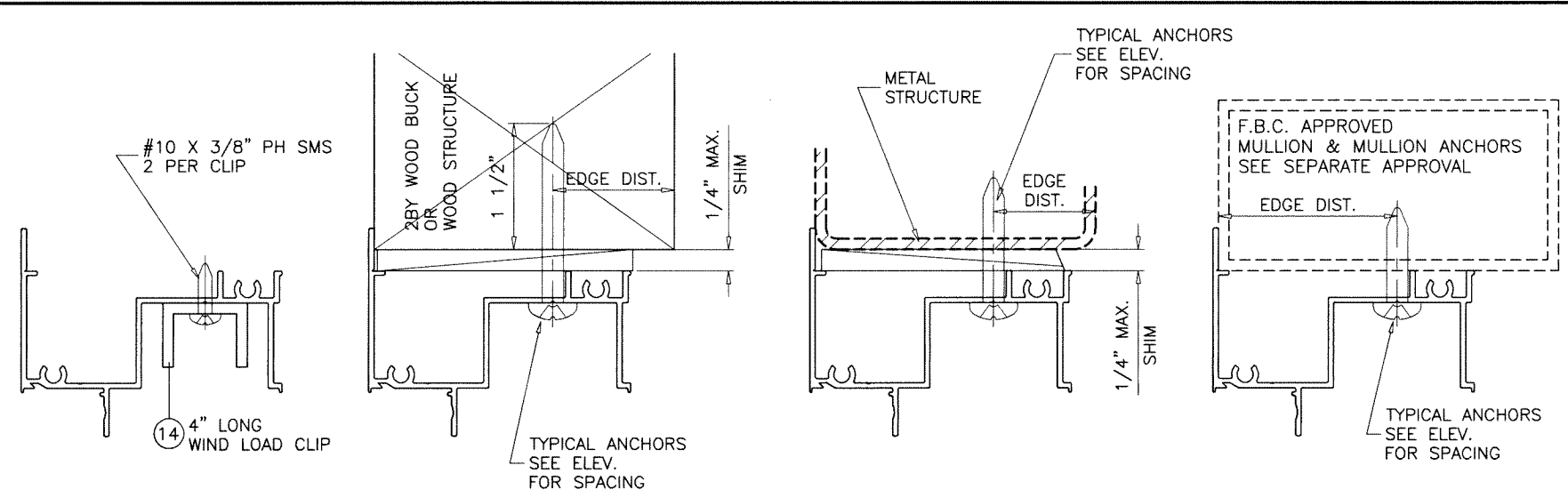
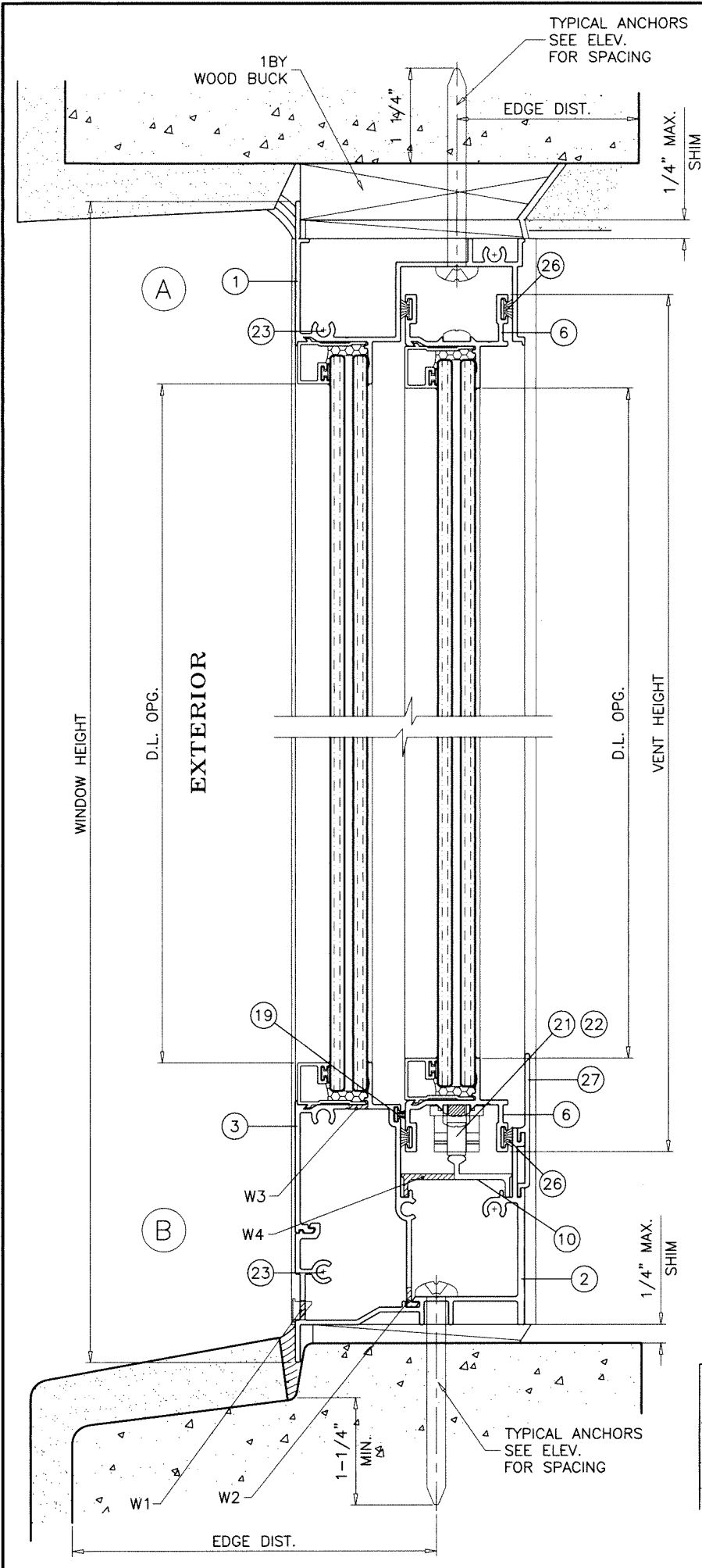


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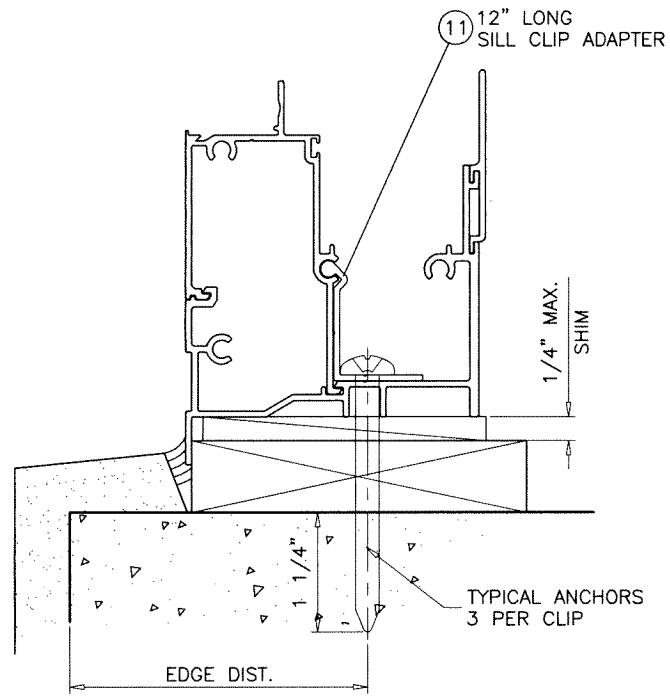
WOOD BUCKS AND METAL STRUCTURE NOT BY 'ASSURA WINDOWS' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

SEALANTS:

ALL FRAME AND VENT JOINTS AND CONNECTIONS SEALED WITH SILICONE OR ACRYLIC SEALANT.

WEEPHOLES:

- W1 = 1-1/4" X 1/4" WEEPHOLES WITH PLASTIC BAFFLE AT 4-7/8" FROM EACH END AND AT MIDSPAN
- W2 = 1-1/4" X 1/4" WEEPHOLES AT 4-7/8" FROM EACH END AND AT MIDSPAN
- W3 = 2" LONG WEEP NOTCH AT EACH END
- W4 = 1" LONG WEEP NOTCH AT 32" FROM EACH END



TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI) INTO 2BY WOOD BUCKS OR WOOD STRUCTURES 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS) THRU 1BY BUCKS INTO CONC. OR BLOCKS 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS) 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS) DIRECTLY INTO CONCRETE OR BLOCKS 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS) 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

1/4" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS) INTO METAL STRUCTURES (HEAD/SILL/JAMBS) (3) THREADS MIN. PENETRATION BEYOND SUBSTRATE ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.) STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.) (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS) INTO F.B.C. APPROVED MULLIONS (NO SHIM SPACE) (3) THREADS MIN. PENETRATION BEYOND SUBSTRATE ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.) STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.) (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE

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

WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.
CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

Sealed: 9/21/2026

FL #21850



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COMP-ANL W15-29TMW

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revisions:

no	date	by	description

date: 06-29-15

scale: 1/2" = 1"

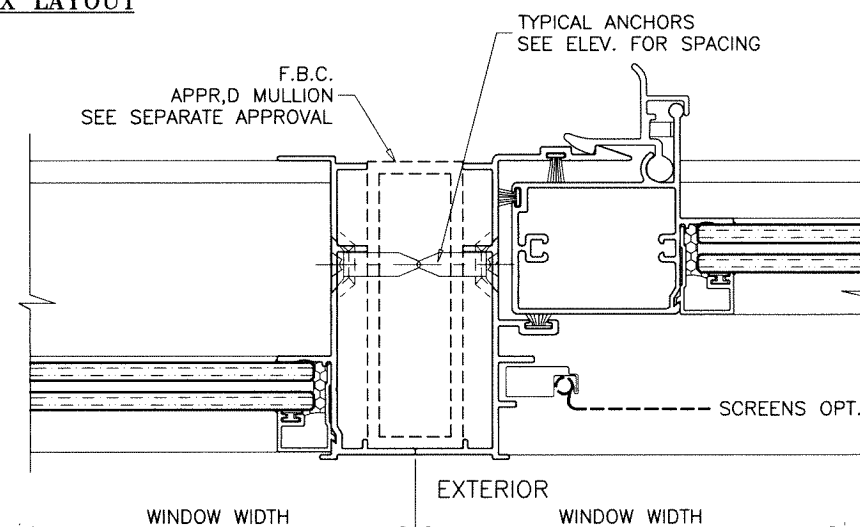
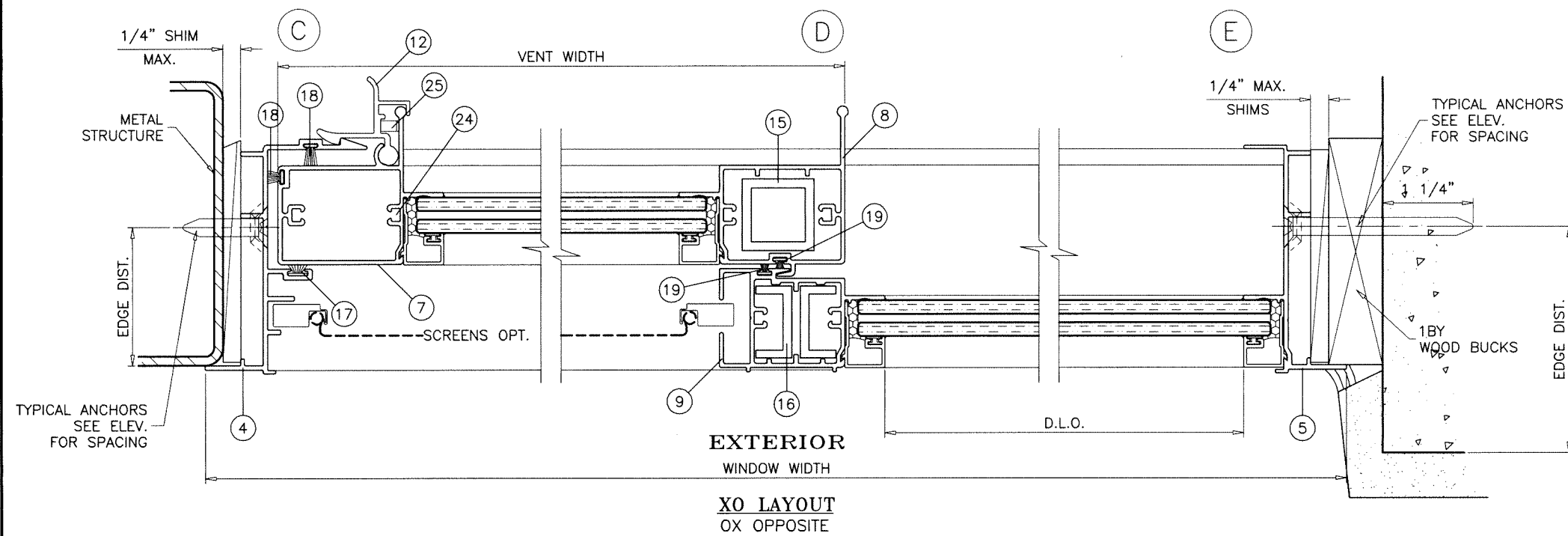
dr. by: TARIQ

chk. by:

drawing no.

W15-29

sheet 3 of 7



Sealed: 9/21/2026



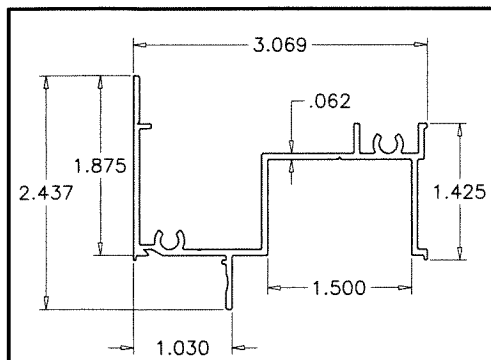
SERIES 805 ALUM HORIZONTAL ROLLING WDW. (L.M.I.)

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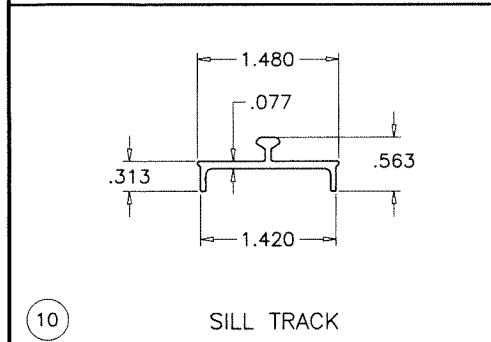
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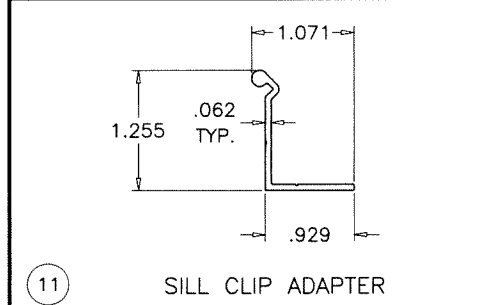
COMP-ANI \ W15-20T MW



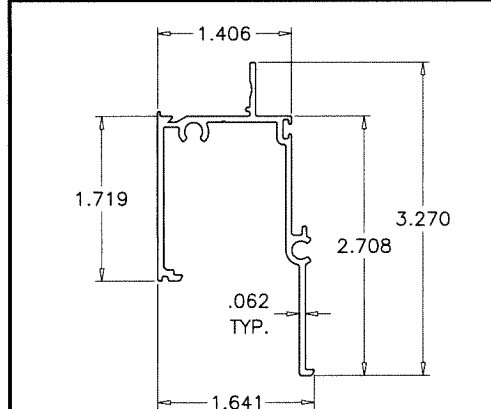
1 FRAME HEAD



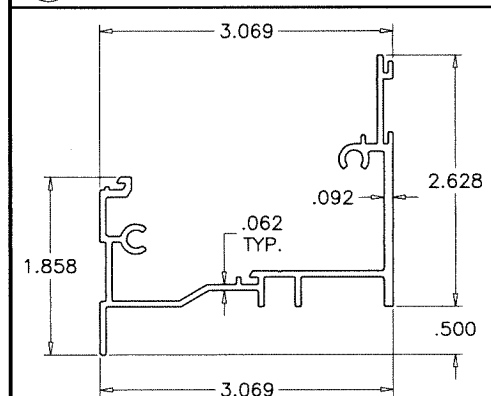
10 SILL TRACK



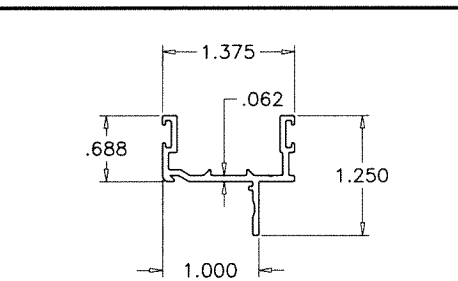
11 SILL CLIP ADAPTER



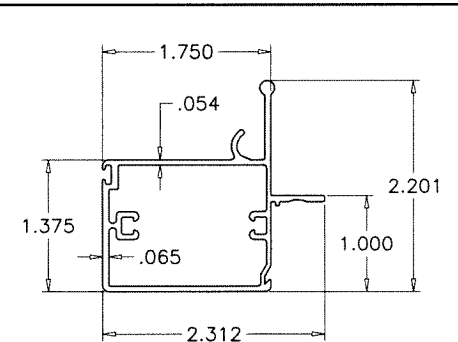
3 FRAME SILL TOP



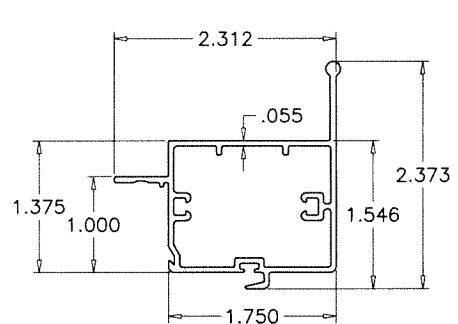
2 FRAME SILL BASE



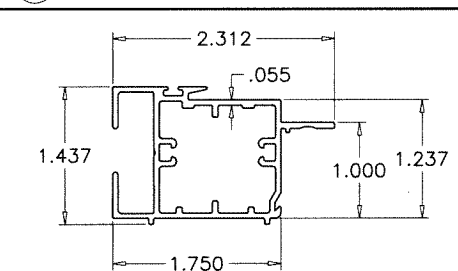
6 TOP & BOTTOM RAIL



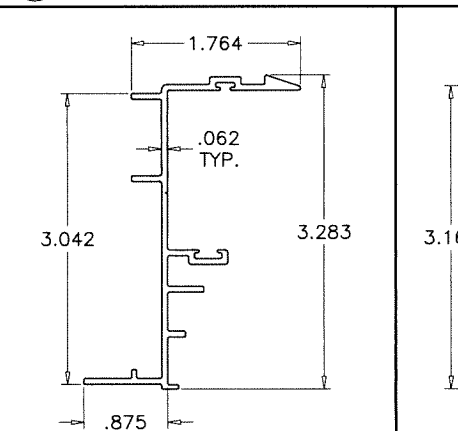
7 JAMB STILE



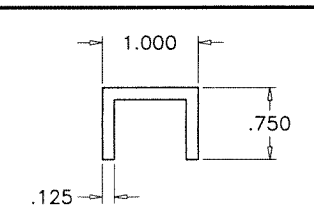
8 MEETING STILE



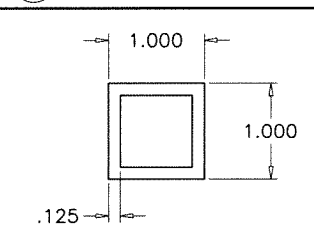
9 FIXED STILE (SPRING LATCH)



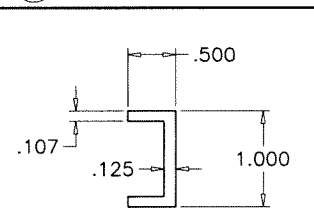
4 FRAME JAMB - VENT



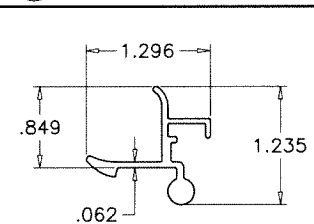
14 WIND LOAD CLIP



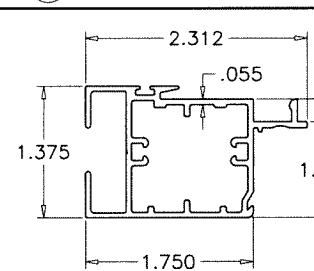
15 MTG. STILE REINF.



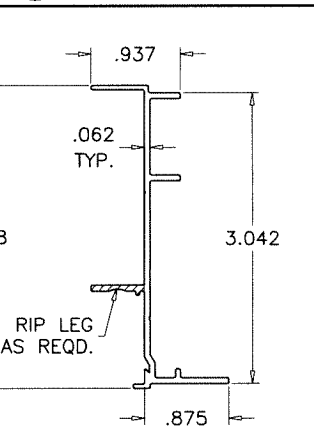
16 FIX. STILE REINF.



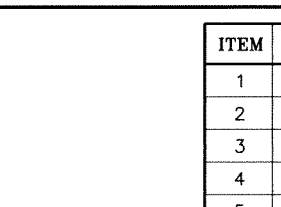
12 VENT LATCH



9A FIXED STILE (SWEEP LATCH)

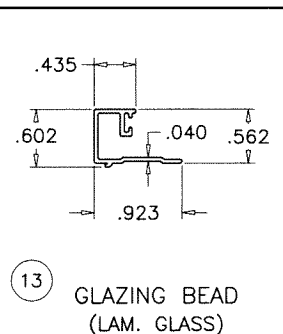


5 FRAME JAMB - FIXED

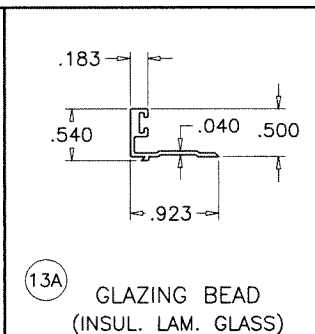


27 SILL RISER

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	TM-130	1	FRAME HEAD	6063-T6	-
2	TM-133B	1	FRAME SILL BASE	6063-T6	-
3	TM-134	1	FRAME SILL TOP	6063-T6	-
4	TM-132	AS REQD.	FRAME JAMB - VENT	6063-T6	-
5	TM-131A	AS REQD.	FRAME JAMB - FIXED	6063-T6	-
6	TM-138	2/ VENT	TOP AND BOTTOM RAIL	6063-T6	-
7	TM-139	1/ VENT	JAMB STILE	6063-T6	-
8	TM-140	1/ VENT	MEETING STILE	6063-T6	-
9	TM-137	1/ VENT	FIXED STILE (SPRING LOADED LATCH)	6063-T6	-
9A	TM-137A	1/ VENT	FIXED STILE (SWEEP LATCH)	6063-T6	-
10	TM-136	1	SILL TRACK INSERT	6063-T6	-
11	TM-135	1	SILL CLIP ADAPTER, 12" LONG	6063-T6	AT MTG. STILE LOCATION
12	TM-118	1/ VENT	SPRING LOADED VENT LATCH, 3-1/8" LONG	6063-T6	AT MID SPAN
12A	-	1/ VENT	METALLIC SWEEP LATCH	-	AT MID SPAN
12B	#8 X 3/4"	2/LATCH	SWEEP LATCH MOUNTING SCREWS	-	FH SMS
13	TM-141A	AS REQD.	GLAZING BEAD (LAMINATED GLASS)	6063-T6	-
13A	TM-181	AS REQD.	GLAZING BEAD (INSUL. LAM. GLASS)	6063-T6	-
14	TM-154	AS REQD.	WIND LOAD CLIP, 4" LONG	6063-T6	-
15	-	1/ STILE	MEETING STILE REINFORCING	6063-T6	-
16	-	2/ STILE	FIXED STILE REINFORCING	6063-T6	-
17	W31225	AS REQD.	FIN SEAL W'STRIPPING (.270" X .220" HIGH)	WOOL	-
18	W43371	AS REQD.	FIN SEAL W'STRIPPING (.187" X .370" HIGH)	WOOL	-
19	W43201	AS REQD.	FIN SEAL W'STRIPPING (.187" X .200" HIGH)	WOOL	-
20	P5043	-	ADHESIVE BACK CLOSED CELL FOAM	-	7/8" X 1/2" X 1-7/16" LONG
21	-	2/ VENT	VENT ROLLER HOUSING & GUIDE	PLASTIC	AT EACH END
22	-	-	VENT ROLLER/WHEEL	BRASS	-
23	#12 X 1"	2/ CORNER	FRAME ASSEMBLY SCREWS	-	P.H. PHILLIPS SMS
24	#10 X 1"	2/ CORNER	VENT ASSEMBLY SCREWS	-	P.H. PHILLIPS SMS
25	-	1/ LATCH	VENT LATCH SPRING	ST. STEEL	-
26	W31175	AS REQD.	FIN SEAL W'STRIPPING (.187" X .175" HIGH)	WOOL	-
27	TM-151	1	SILL RISER	6063-T6	-
28	-	AS REQD.	SETTING BLOCKS	EPDM	DUROMETER 80±5 SHORE A



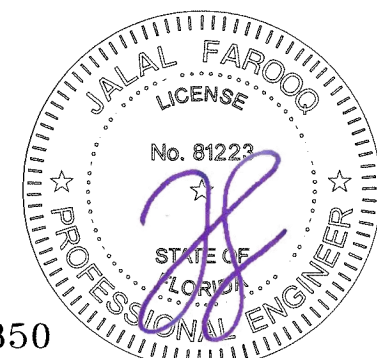
13 GLAZING BEAD (LAM. GLASS)



13A GLAZING BEAD (INSUL. LAM. GLASS)

Sealed: 9/21/2026

FL #21850



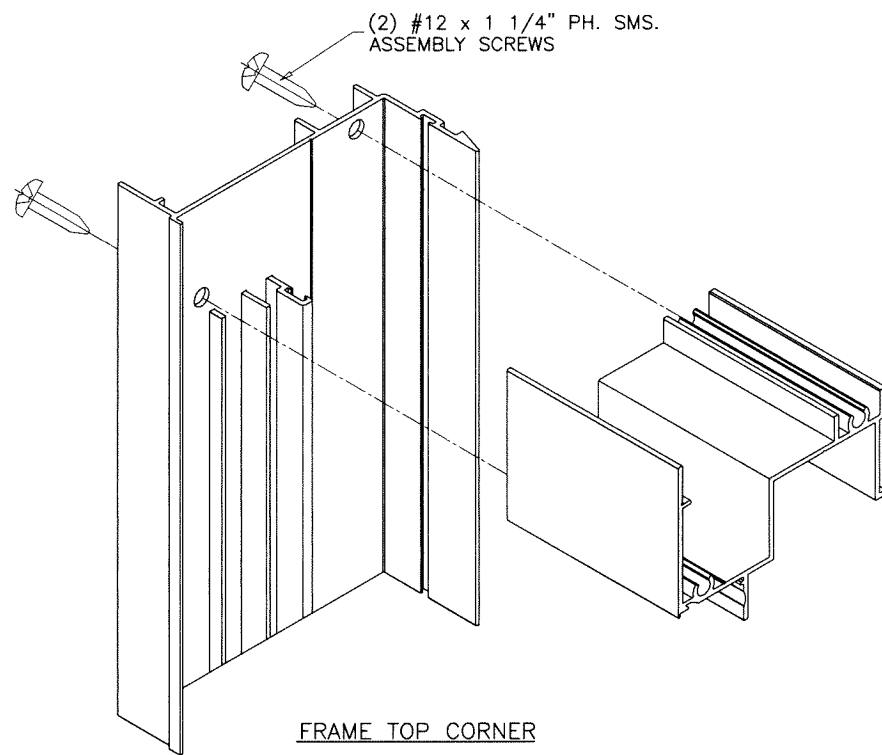
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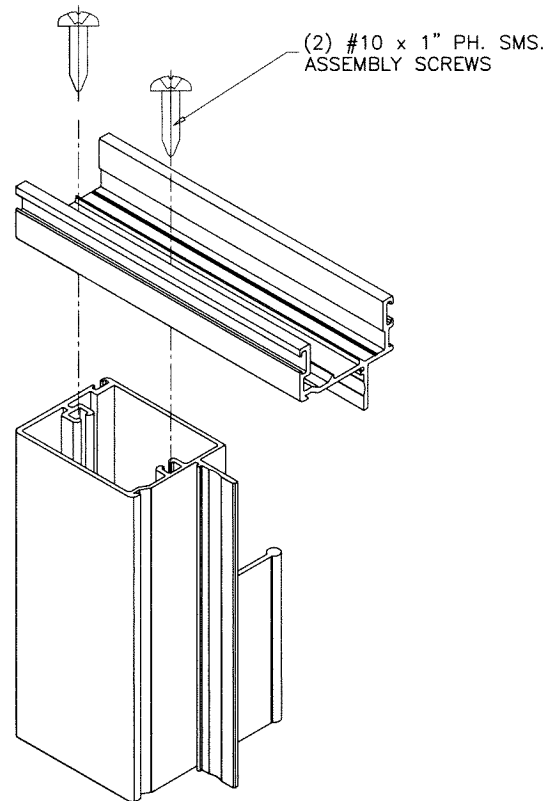
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chk. by:

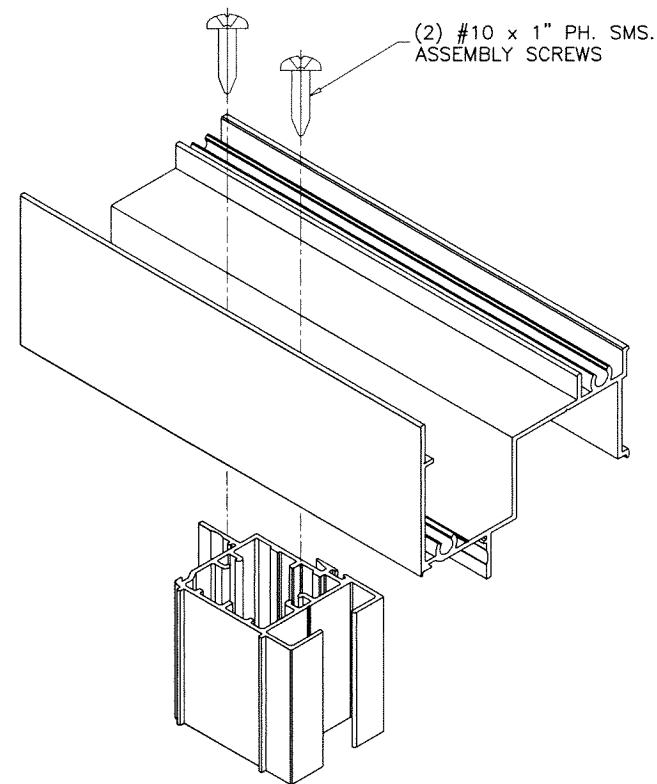
drawing no.
W15-29
sheet 6 of 7



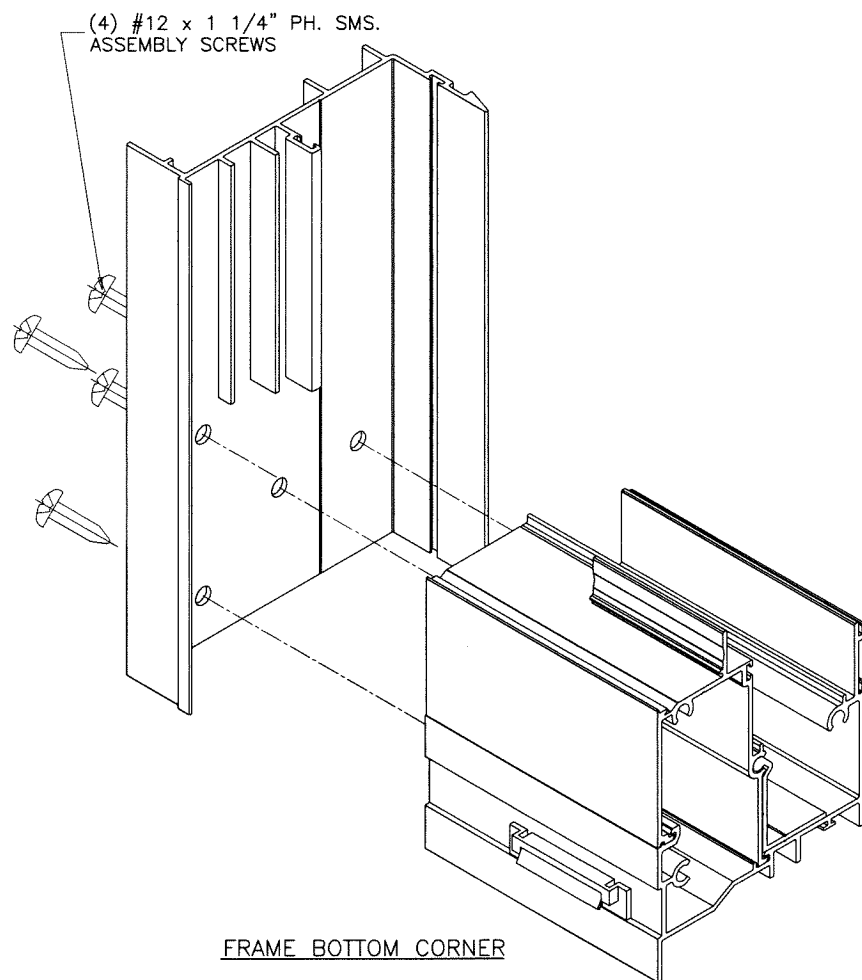
FRAME TOP CORNER



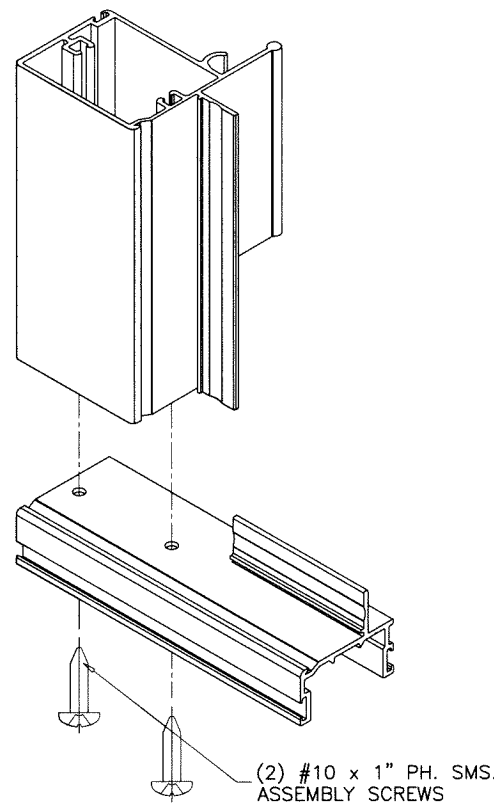
VENT TOP CORNER



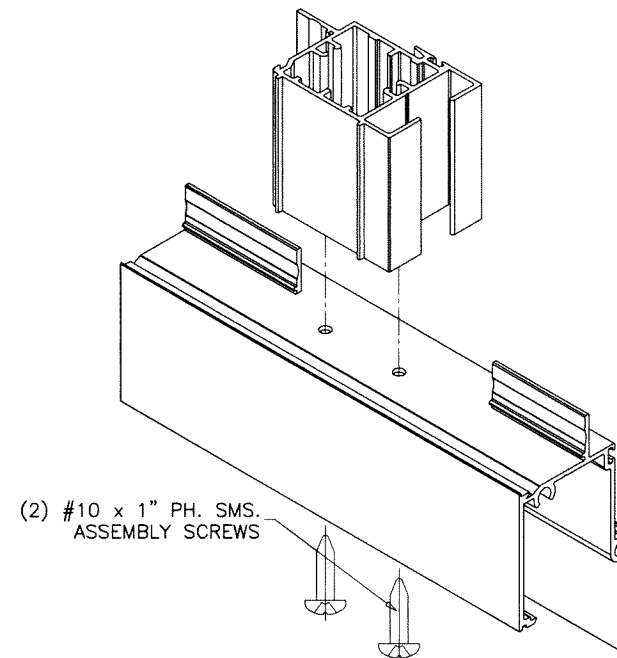
FIXED MTG. RAIL TOP CORNER



FRAME BOTTOM CORNER



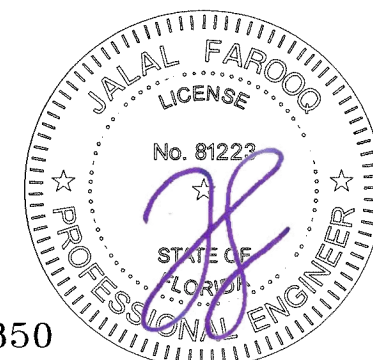
VENT BOTTOM CORNER



FIXED MTG. RAIL BOTTOM CORNER

Sealed: 9/21/2026

FL #21850



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revisions:
no date by description

date: 06-29-15
scale: 1/2" = 1"
dr. by: TARIQ
chk. by:

drawing no.

W15-29

sheet 7 of 7

COMP-ANL\W15-29TMW