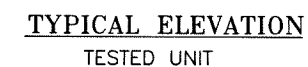


THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.
SHUTTERS ARE NOT REQUIRED.

NOTE:
GLASS CAPACITIES ARE BASED ON
ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219



MAXIMUM DESIGN LOAD RATING = + 70.0 PSF
(FOR SIZES SHOWN ABOVE OR SMALLER) - 80.0 PSF

FL #47501

D- THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.



E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX

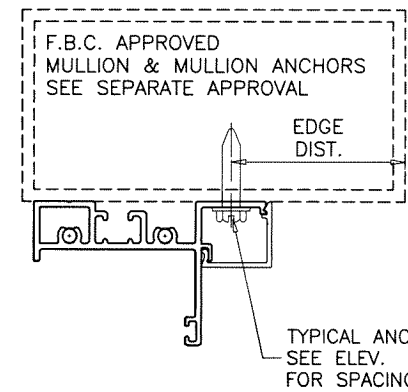
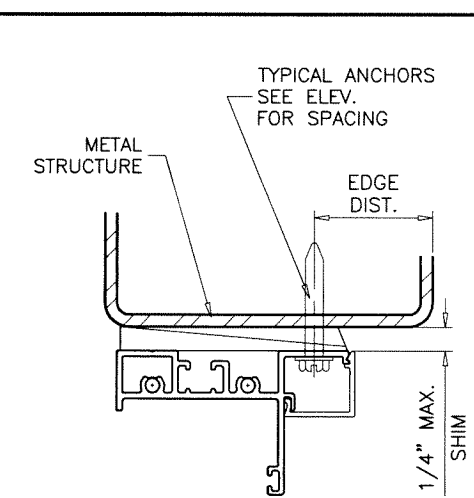
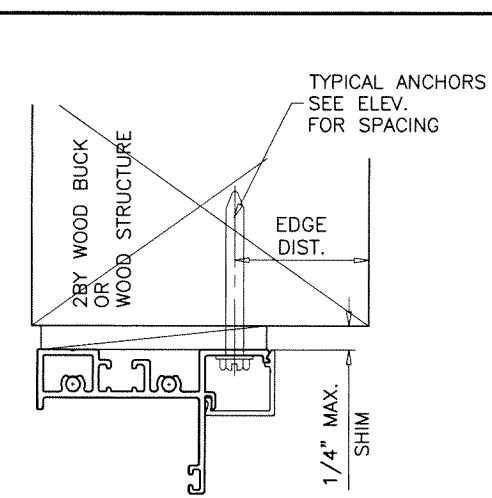
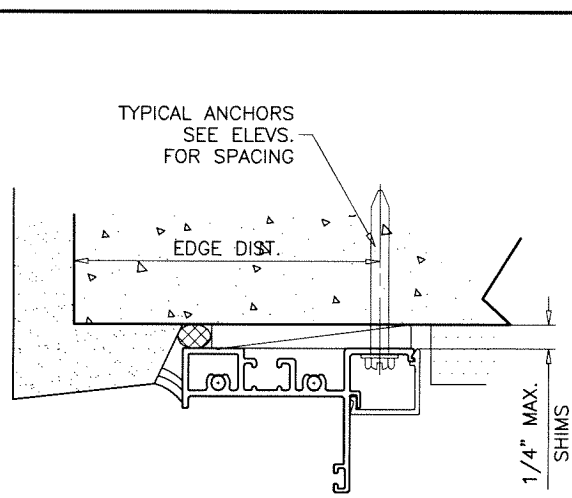
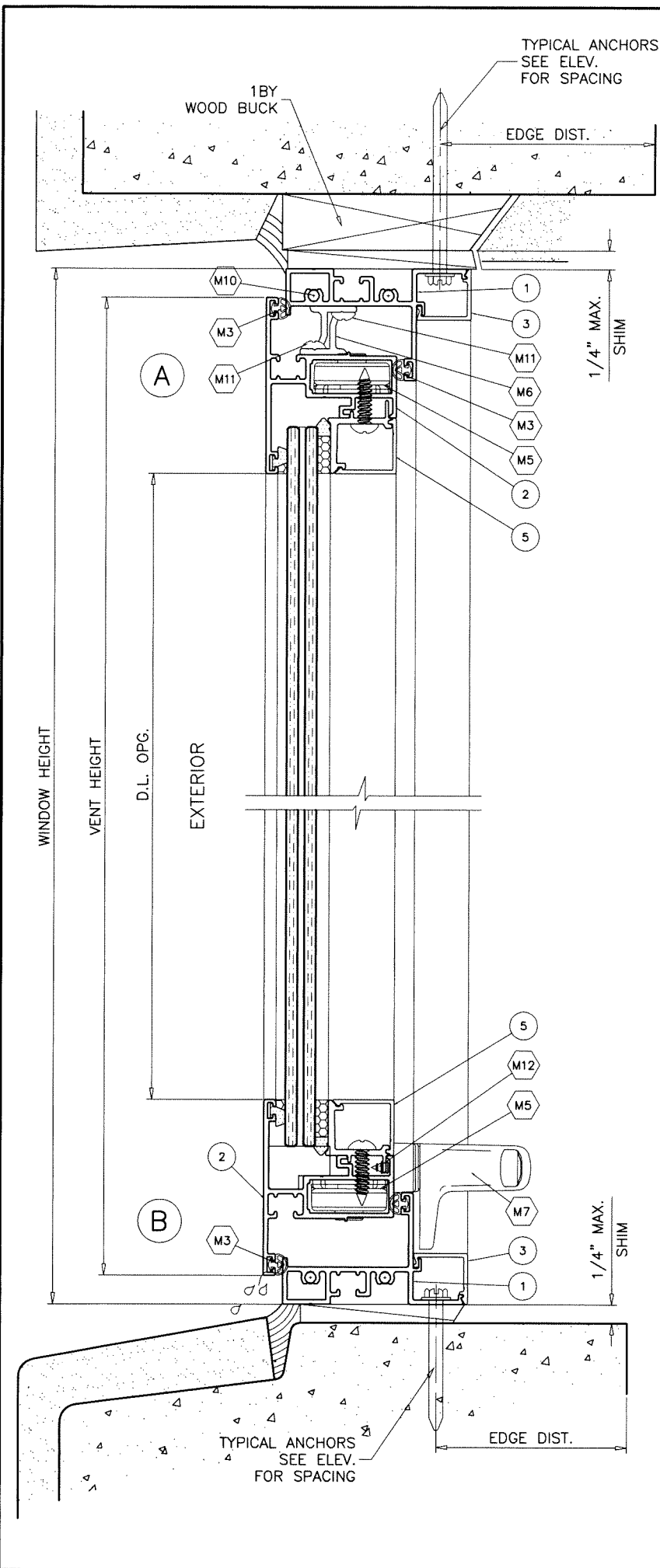
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dr. by: TARIQ
chk. by:

drawing no.

25-40F

sheet 1 of 4

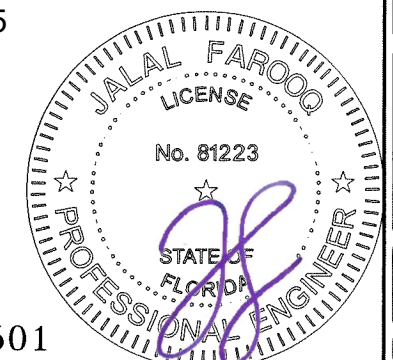


WOOD BUCKS AND METAL STRUCTURE NOT BY 'E.S. WINDOWS' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING
3/16" X 2-3/4" ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/8" 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)
#12 SMS OR SELF DRILLING SCREWS (GRADE 5 CRS)
 INTO F.B.C. APPROVED MULLIONS
 OR
 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)

TYPICAL EDGE DISTANCE
 INTO CONCRETE AND MASONRY = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 3/4" 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: 4/25/2025



FL #47501

AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100
 FBPE #3538

COMP-ANL/25-40F-ES

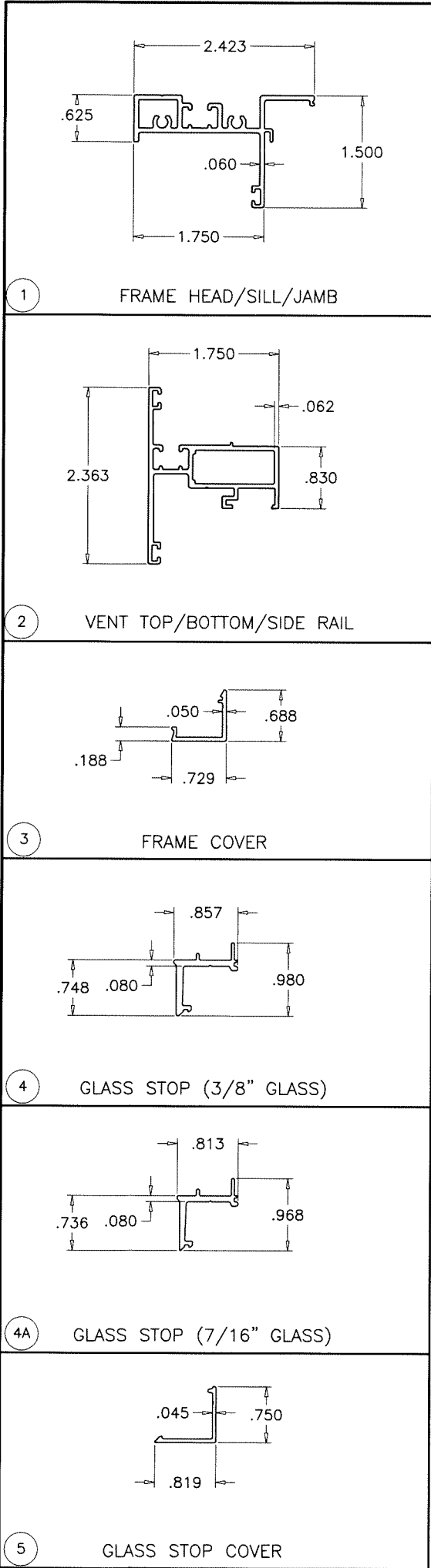
NP-200 ALUM PROJECT-OUT AWNING WDW. (L.M.I.)

E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

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25-40F

sheet 2 of 4



ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	NP-200-017M	4	FRAME HEAD/SILL/JAMB	6063-T5	-
2	NP-200-001M	4/ VENT	VENT TOP/BOTTOM/SIDE RAIL	6063-T5	-
3	NP-200-009	4/ WDW.	FRAME COVER	6063-T5	-
4	NP-200-027	4/ VENT	GLASS STOP (3/8" LAM. GLASS)	6063-T6	-
4A	NP-200-028	4/ VENT	GLASS STOP (7/16" LAM. GLASS)	6063-T6	-
5	NP-200-029	4/ VENT	GLASS STOP COVER	6063-T5	-
M1	ES-SD451-G04 S	AS REQD.	INTERIOR WEDGE GASKET	SILICONE	DUROMETER 65±5 SHORE 'A'
M2	ES-4014A S-1	AS REQD.	EXTERIOR GLAZING GASKET	SILICONE	DUROMETER 65±5 SHORE 'A'
M3	ES-P7531-G03	AS REQD.	FRAME AND VENT W'STRIPPING	SILICONE	-
M4	#4110-10"	AS REQD.	4 BAR HINGE	ST. STEEL	-
M5	0365 S	AS REQD.	VENT CORNER LOCK	ST. STEEL	-
M6	ES-5004	2/ VENT	SNUBBERS, 2-1/2" LONG	6063-T6	-
M7	CL07-61 OX	1	HANDLE	ALUMINUM	-
M8	NP-200-B01 S	2/ LITE	SETTING BLOCKS, AT 1/4 POINTS	SILICONE	DUROMETER 80±5 SHORE 'A'
M9	-	AS REQD.	GLASS STOP FASTENERS	ST. STEEL	#10 X 3/4" PH SMS
M10	-	AS REQD.	FRAME ASSEMBLY SCREWS	ST. STEEL	#8 X 1" PH SMS
M11	-	2/ SNUBBER	SNUBBER INSTALLATION SCREWS	ST. STEEL	#8 X 1/2" PH SMS
M12	-	2	HANDLE INSTALLATION SCREWS	ST. STEEL	#8 X 3/4" PH SMS

SEALANTS:

FRAME AND VENT CORNERS AND INSTALLATION SCREWS AT SILL SEALED WITH WHITE/ALUMINUM COLORED GENERAL PURPOSE SILICONE SEALANT.

LOCKS AND HANDLE:

SURFACE MOUNT METALLIC CAM LOCKS BY 'SECURISTYLE' LOCATED AT EACH FRAME JAMB AT 15-3/4" FROM BOTTOM FASTENED WITH (4) #8-32 X 1/2" FH ST/ST SCREWS

SURFACE MOUNT NYLON KEEPER FACING LOCK AT VENT SIDE RAIL FASTENED WITH (2) #6 X 1/4" PH ST/ST SCREWS

HINGES:

OPTION #1
SERIES 601SS/301SS, 4-BAR ST/ST HINGES BY 'TRUTH' LOCATED AT TOP AND BOTTOM CORNERS FASTENED TO FRAME WITH (4) #10 X 5/8" PH ST/ST SCREWS FASTENED TO VENT WITH (4) #10 X 5/8" PH ST/ST SCREWS

OPTION #2
SERIES 4100 OFFSET 4-BAR HINGES BY 'CALDWELL' LOCATED AT TOP AND BOTTOM CORNERS FASTENED TO FRAME WITH (4) #10 X 5/8" PH ST/ST SCREWS FASTENED TO VENT WITH (4) #10 X 5/8" PH ST/ST SCREWS

SNUBBERS:

VECTOR SECURITY DEVICE BY 'SECURISTYLE' LOCATED AT FRAME HEAD AND TOP RAIL AT 11" FROM EACH SIDE EACH FASTENED WITH (2) #10 X 1/2" P FH SDS.

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COMP - ANL \ 25-40F - ES
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