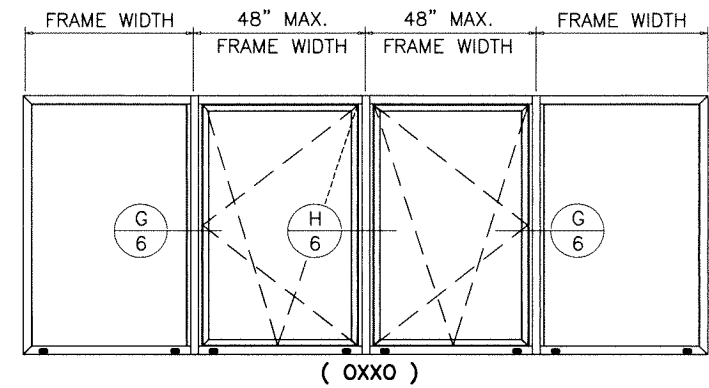
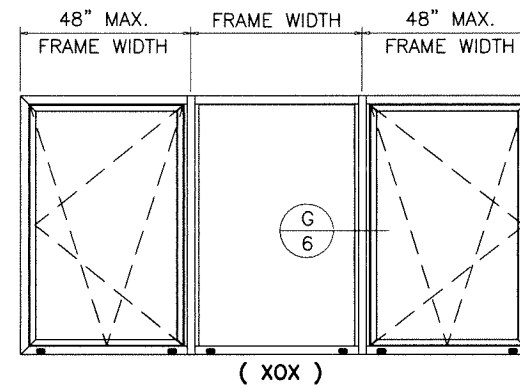
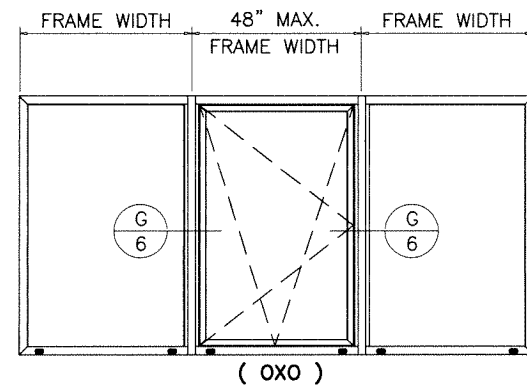
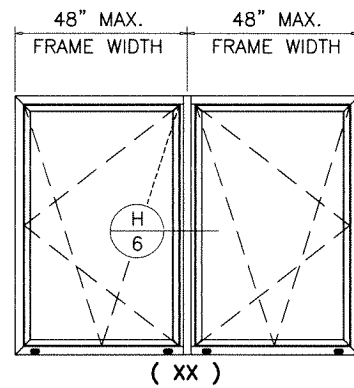
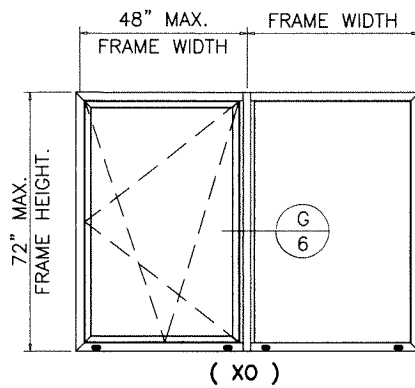
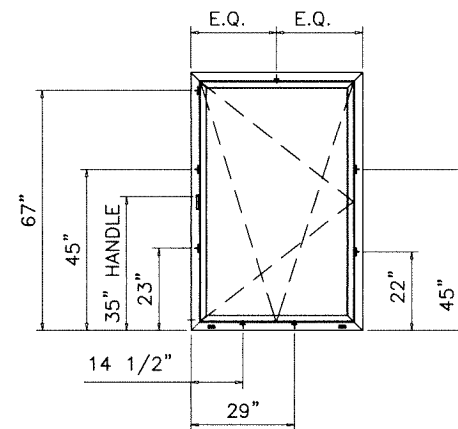




NOTE:
TYPICAL CONFIGURATIONS SHOWN. ALL LEFT OR
RIGHT- HINGED INSWING CONFIGURATIONS ARE ALLOWED



LOCKING POINTS
SEE CHART

WDW. HEIGHT UP TO	NO. OF KEEPERS AT HINGE STILE	NO. OF KEEPERS AT NON-HINGE STILE
48"	2	2
72"	3	2

WDW. WIDTH UP TO	NO. OF KEEPERS AT SILL	NO. OF KEEPERS AT TOP RAIL
48"	2	1

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

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

TYPE A - 1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
INTO WOOD STRUCTURES
1-3/4" MIN. PENETRATION INTO WOOD
THRU 1BY OR 2BY WOOD BUCKS INTO CONC. OR BLOCKS
1-1/4" MIN. EMBED INTO CONCRETE
1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)
DIRECTLY INTO CONCRETE OR BLOCKS
1-3/4" MIN. EMBED INTO CONCRETE
1-3/4" MIN. EMBED INTO BLOCKS (JAMBS)

TYPE B - 1/4" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)
INTO MIAMI-DADE COUNTY APPROVED MULLIONS
OR
INTO METAL STRUCTURES
(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

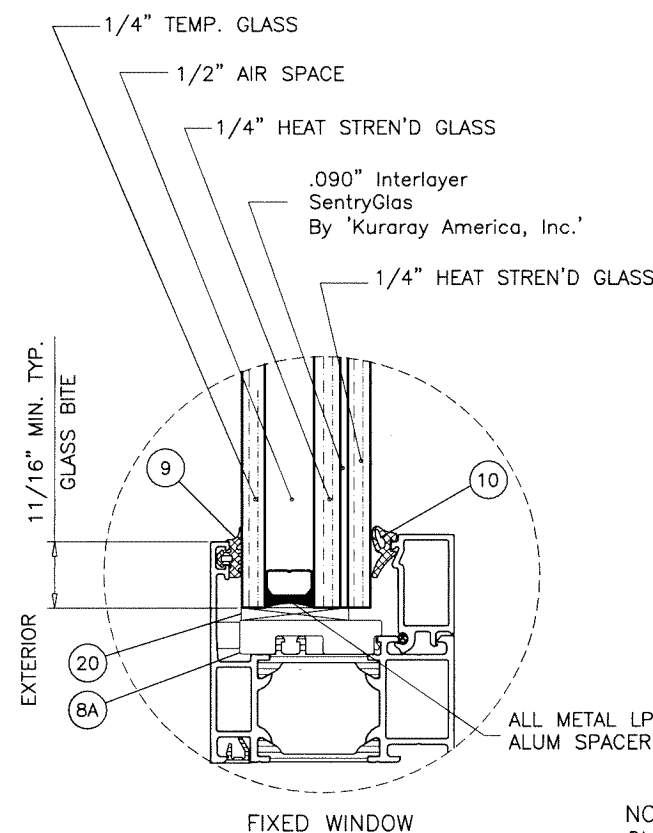
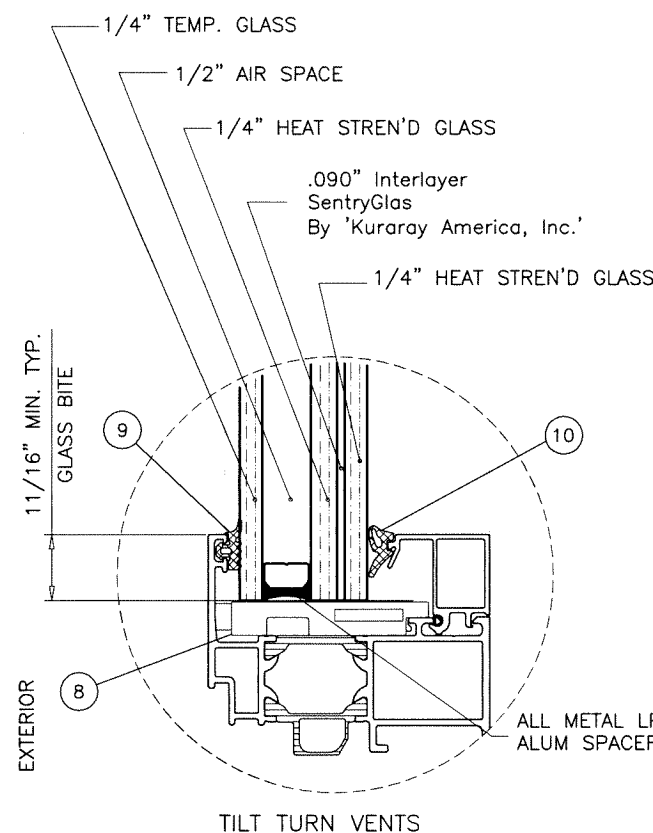
INTO CONCRETE = 2-1/2" MIN.
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 3/4" MIN.
INTO BLOCK = 2-1/2" MIN.

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.

DESIGN LOAD CAPACITY - PSF		
WINDOW DIMS.		GLASS TYPE '1'
HEIGHT	WIDTH	EXT.(+) INT.(-)
36"	36"	70.0
	42"	70.0
	48"	70.0
	54"	70.0
	60"	70.0
	66"	70.0
	72"	70.0
	78"	70.0
42"	42"	70.0
	48"	70.0
	54"	70.0
	60"	70.0
	66"	70.0
48"	42"	70.0
	48"	70.0
	54"	70.0
	60"	70.0
	66"	70.0
60"	48"	70.0
	54"	62.2
72"	48"	70.0

NOTE:
CHART APPLIES TO FIXED WINDOW
PORTION ONLY. WIDTH AND HEIGHT
DIMENSIONS CAN BE ORIENTED
VERTICALLY OR HORIZONTALLY

FIXED WINDOW DAYLITE OPENINGS:
AWS 65, 70.HI & 75.SI+:
FRAME HEIGHT - 4.646"
FRAME WIDTH - 4.370"



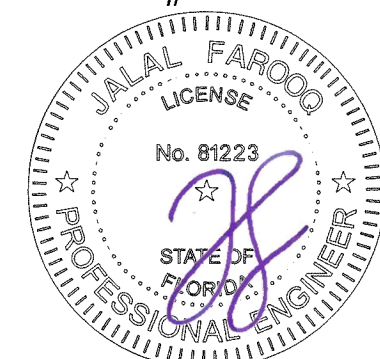
GLASS TYPE '1'

1-5/16" OVERALL INSUL. LAM. GLASS

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

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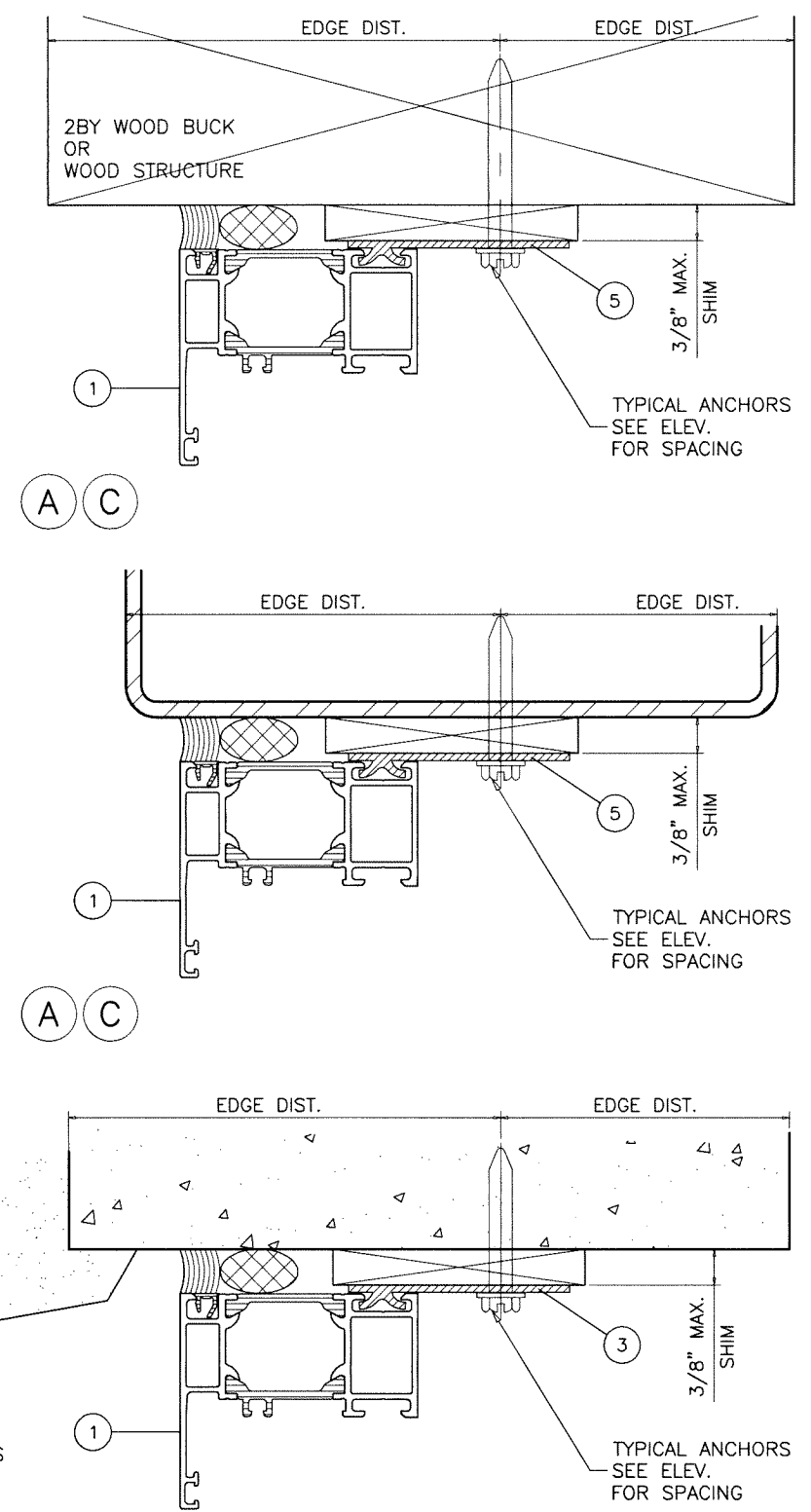
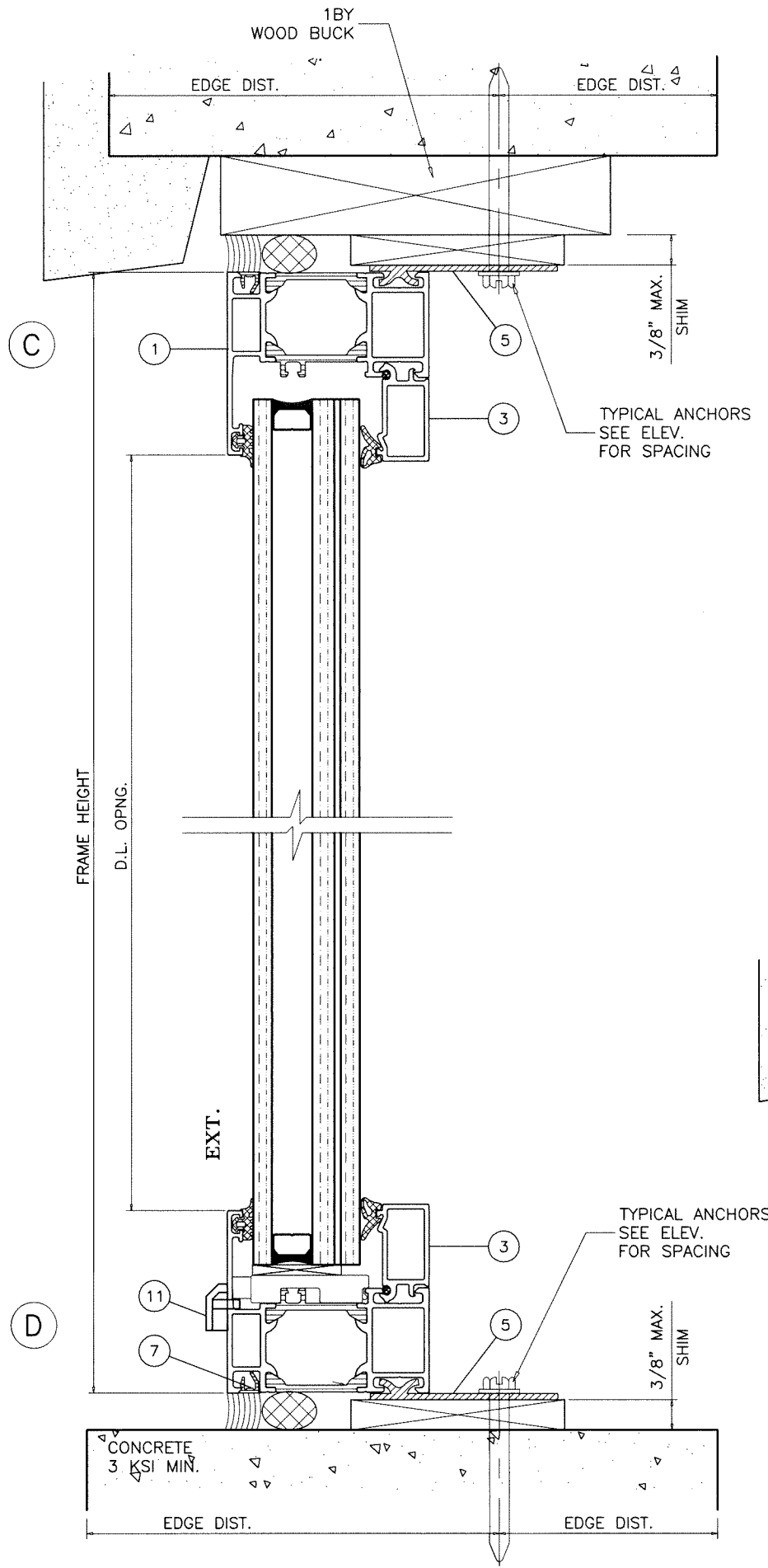
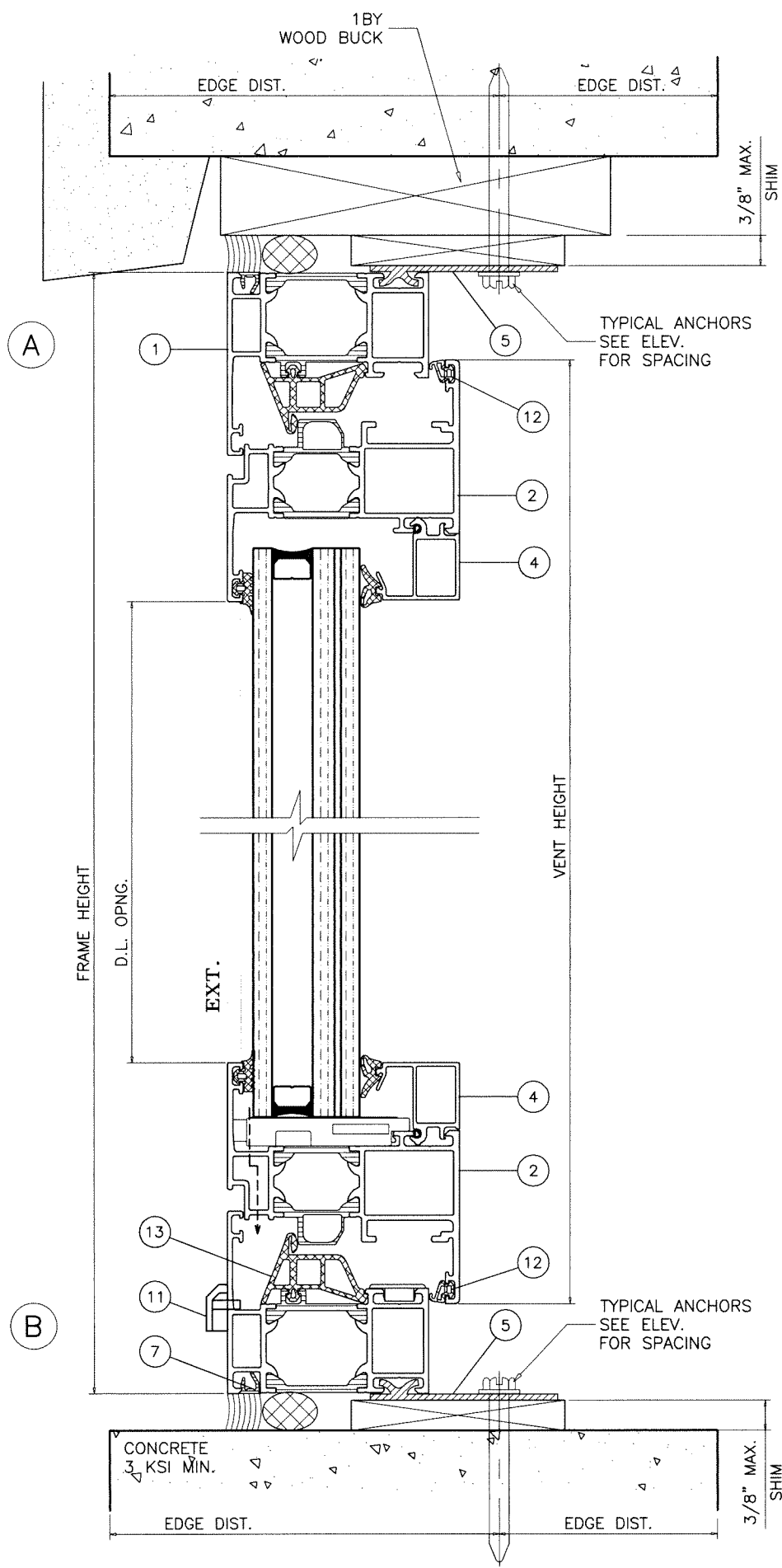
FL #47367



al-farooq
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\25-24F-SMP

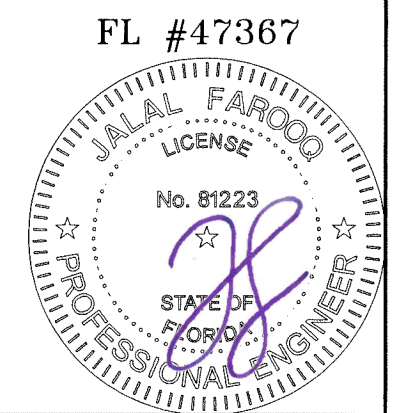
SERIES AWS 65/70/75/90 TILT TURN/FIXED WDW. SYST. (L.M.I.)
Simpas SA
Ampelia
Ioannina, 455 00, Greece
Tel. (265) 109-2177

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sheet		2 of 8	



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STRAP ANCHOR INSTALLATION

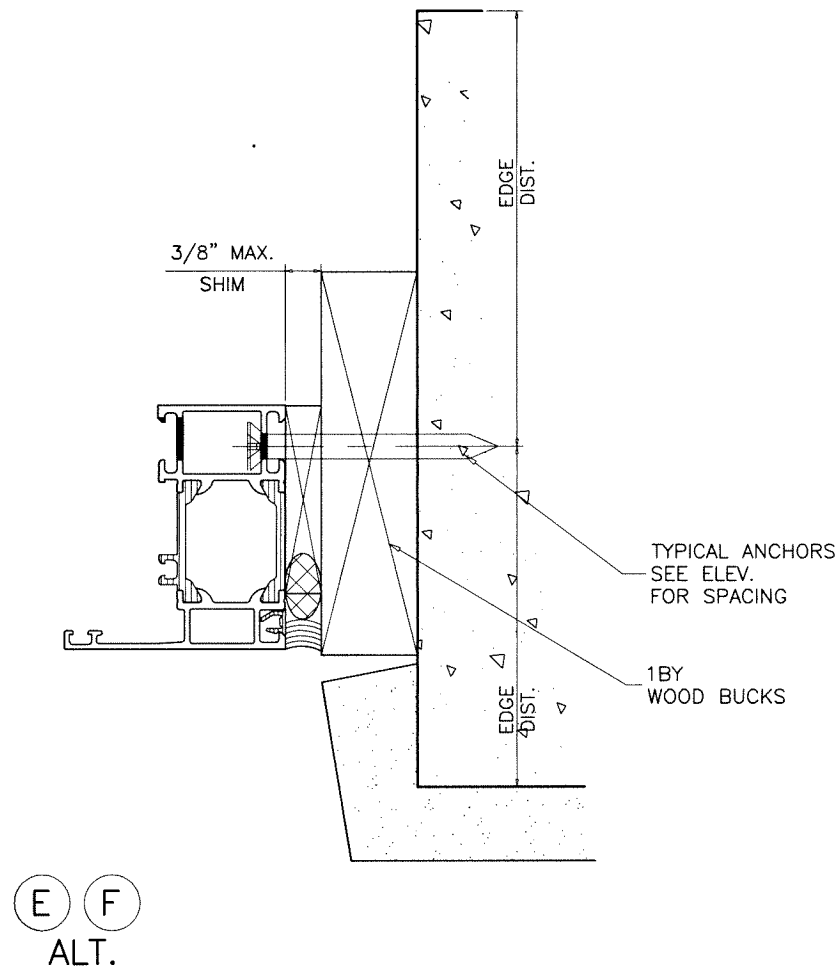
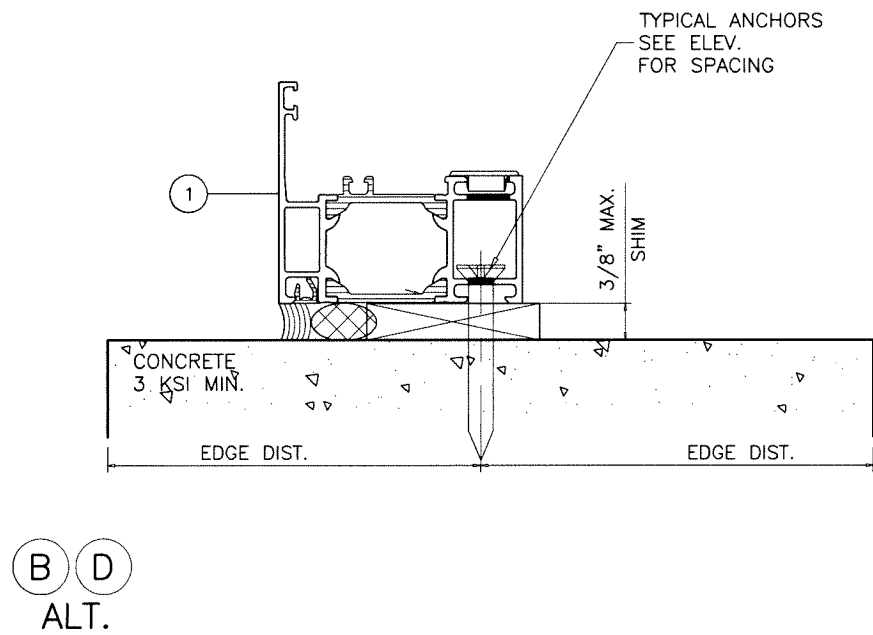
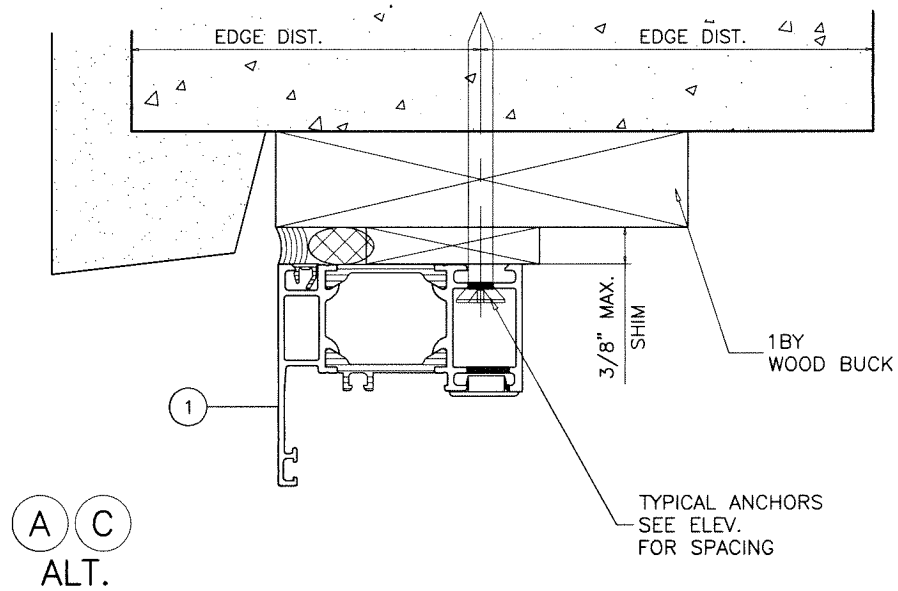


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COMP-ANL\25-24F-SMP



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THROUGH FRAME ANCHOR INSTALLATION

TYPICAL THROUGH FRAME INSTALLATION DETAILS
APPLY TO ALL OTHER SHOWN SUBSTRATES.



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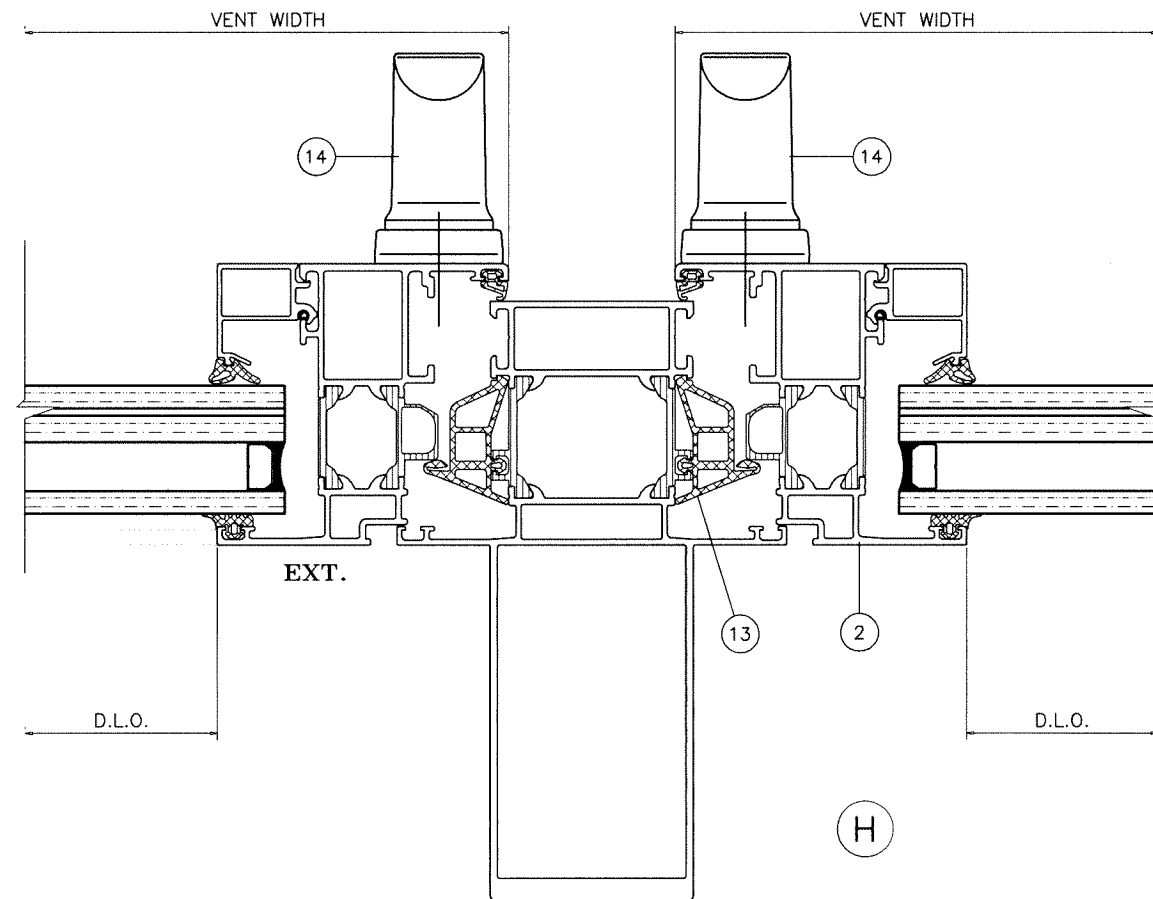
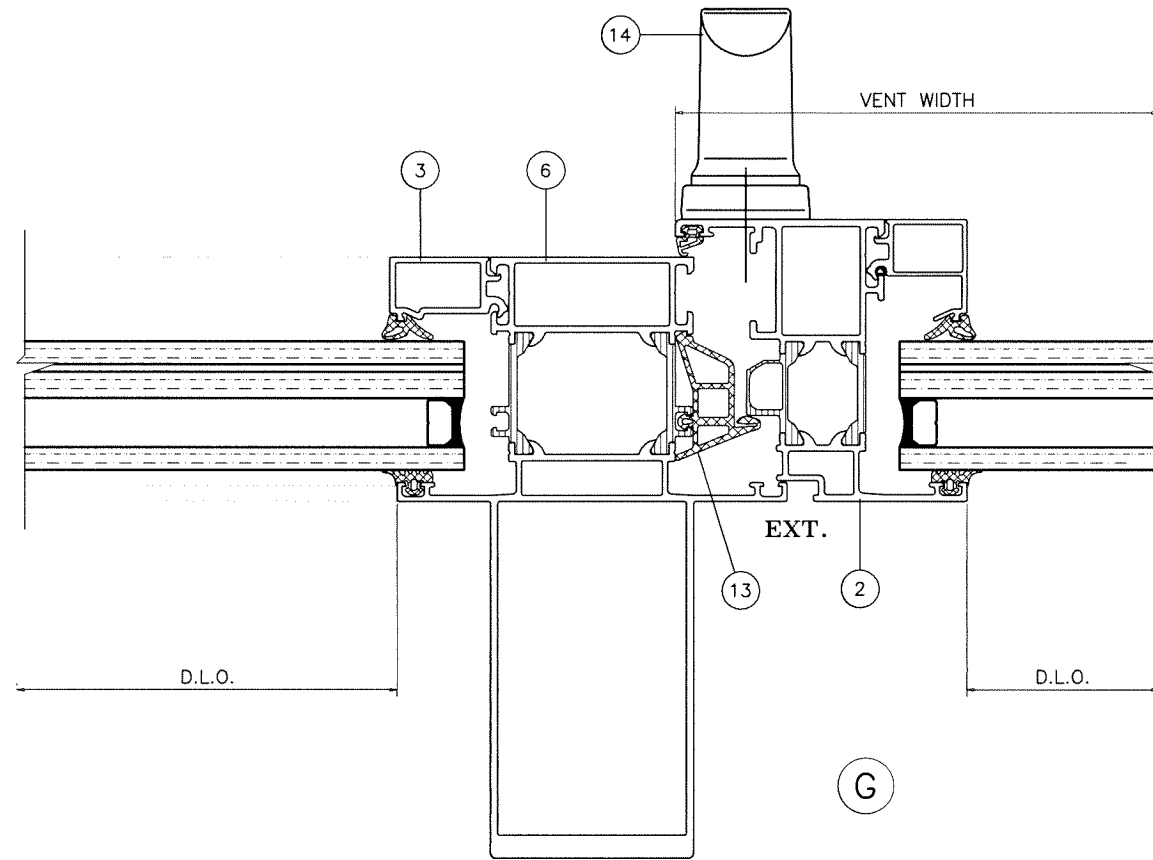
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25-24F

sheet 5 of 8

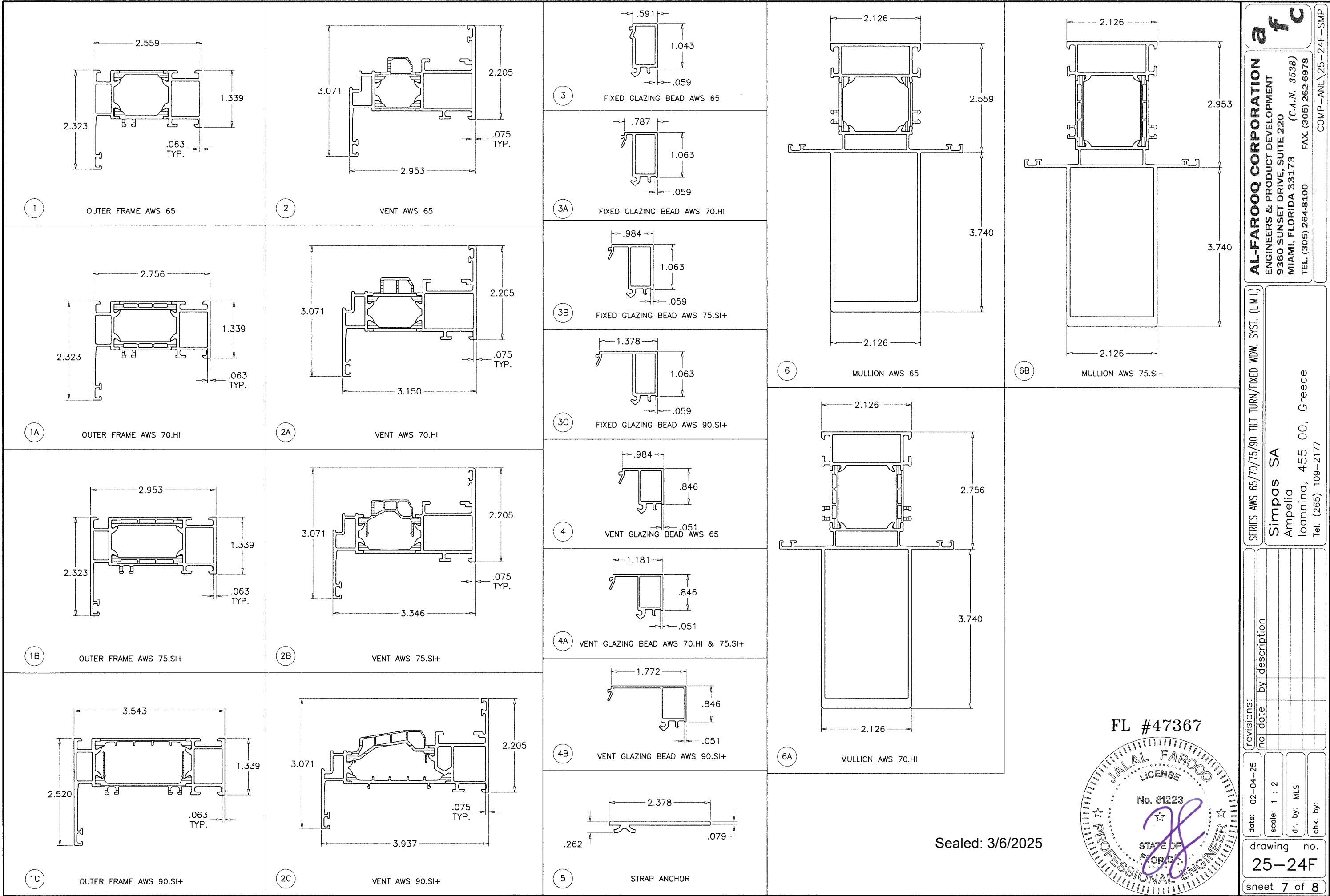
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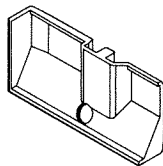
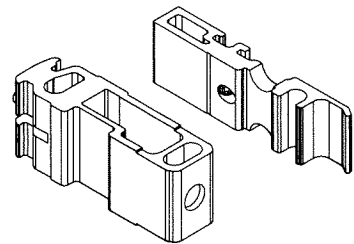
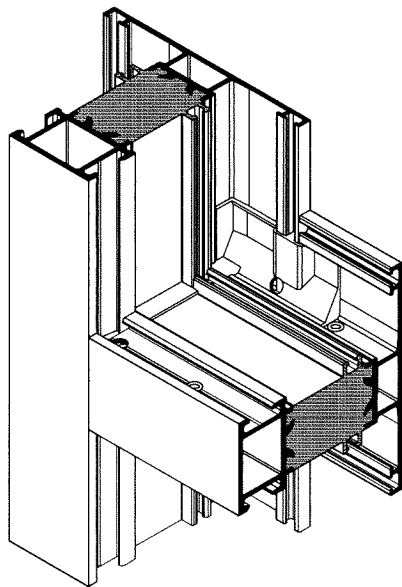
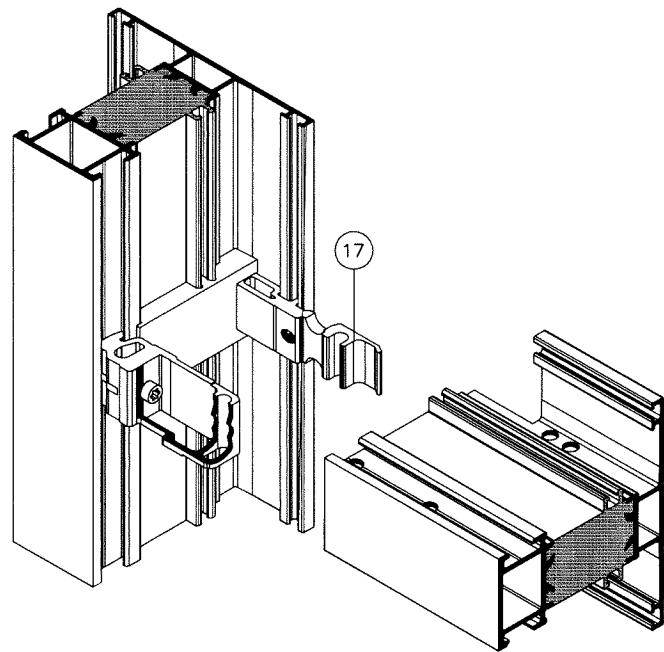
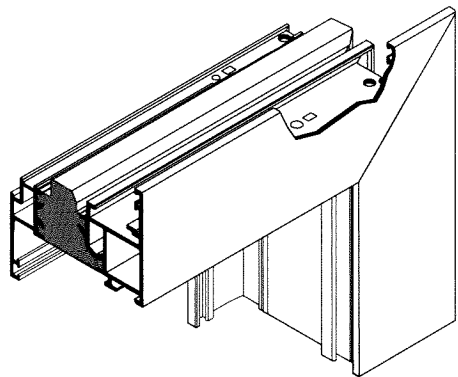
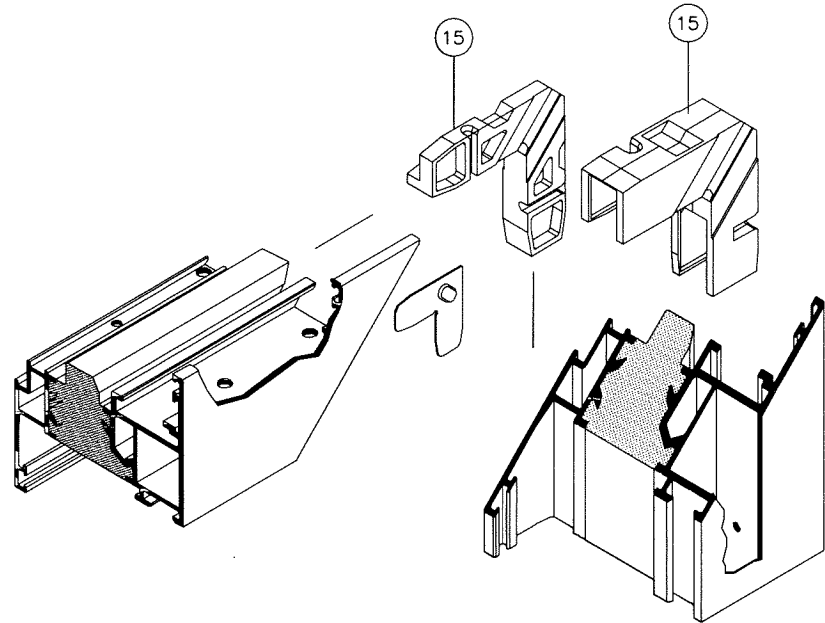
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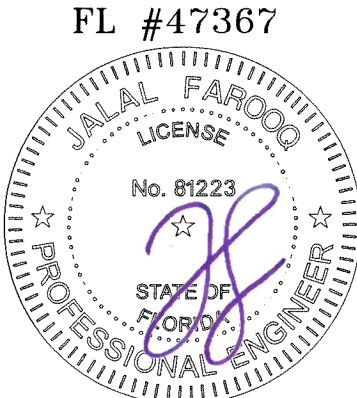
25-24F

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ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL
1	363900	4	AWS 65 FRAME	6063-T6
1A	358150	AS REQD.	AWS 70.HI FRAME	6063-T6
1B	382130	AS REQD.	AWS 75.SI+ FRAME	6063-T6
1C	465070	AS REQD.	AWS 90.SI+ FRAME	6063-T6
2	364660	4	AWS 65 VENT	6063-T6
2A	358620	AS REQD.	AWS 70.HI VENT	6063-T6
2B	466890	AS REQD.	AWS 75.SI+ VENT	6063-T6
2C	441780	AS REQD.	AWS 90.SI+ VENT	6063-T6
3	489760	4	FIXED GLAZING BEAD EHL 22	6063-T6
3A	467770	AS REQD.	FIXED GLAZING BEAD AWS 70.HI	6063-T6
3B	467780	AS REQD.	FIXED GLAZING BEAD AWS 75.SI+	6063-T6
3C	467800	AS REQD.	FIXED GLAZING BEAD AWS 90.SI+	6063-T6
4	346620	4	VENT GLAZING BEAD AWS 65	6063-T6
4A	345520	AS REQD.	VENT GLAZING BEAD AWS 70.HI & 75.SI+	6063-T6
4B	441780	AS REQD.	VENT GLAZING BEAD AWS 90.SI+	6063-T6
5	207628	AS REQD.	STRAP ANCHOR HEAD/JAMBS	50961-Fe/Zn 8 C
6	362950	AS REQD.	MULLION AWS 65	6063-T6
6A	CUSTOM 70.HI	AS REQD.	MULLION AWS 70.HI	6063-T6
6B	CUSTOM 75.SI+	AS REQD.	MULLION AWS 75.SI+	6063-T6
7	244516	AS REQD.	PVC-U FILLER PROF SW	
8	288166	4/ LITE	VENT GLAZING SUPPORT	POLYAMIDE, DUROMETER 80±5 SHORE A
8A	288167	2/ LITE	FIXED GLAZING SUPPORT	POLYAMIDE, DUROMETER 80±5 SHORE A
9	224063	AS REQD.	GLAZING GASKET 4MM (AWS 65)	
9A	284351	AS REQD.	GLAZING GASKET AWS 70.HI	
9B	284321	AS REQD.	GLAZING GASKET AWS 75.SI+ & 90.SI+	
10	224350	AS REQD.	CONT. O.-IN GASKET 5MM (AWS 65)	
10A	284839	AS REQD.	CONT. O.-IN GASKET AWS 70.HI	
10B	284834	AS REQD.	CONT. O.-IN GASKET AWS 75.SI+	
10C	284837	AS REQD.	CONT. O.-IN GASKET AWS 90.SI+	
11	208694	2/UNIT	DRAIN COVER CAP BLK	
12	224310	AS REQD.	CONT. REBATE GASKET	
13	278220	AS REQD.	CONT. CENTRE GASKET	
14	--	1/ VENT	HANDLE	
15	236198/236218	4/EA.	FRAME CORNER KEY	6063-T6
16	226968/236175	4/EA.	VENT CORNER KEY	6063-T6
17	362950	AS REQD.	T-CLEAT	6063-T6
18	277918	AS REQD.	KEEPER	
19	277149	2/VENT	TILT TURN HARDWARE	
20	--	2/ LITE	SETTING BLOCK	EPDM, DUROMETER 80±5 SHORE A

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