

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

SERIES-750
ALUMINUM SLIDING GLASS DOOR

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 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.

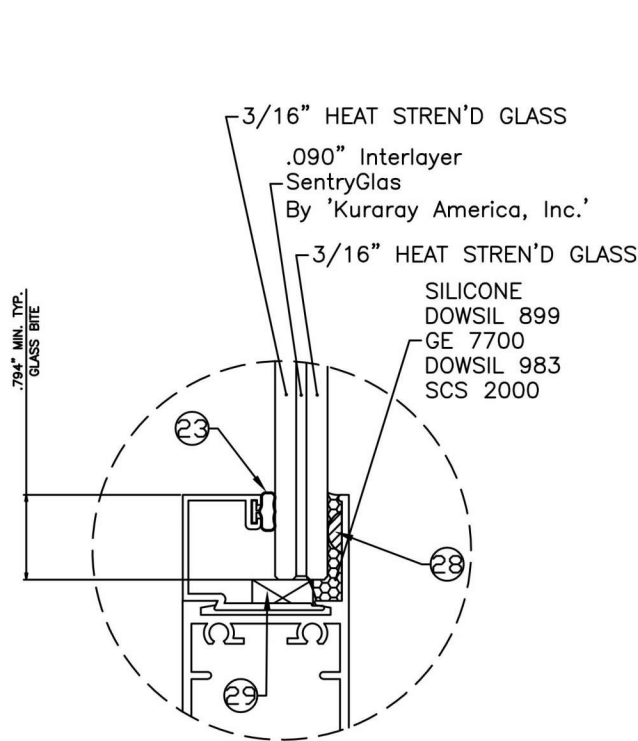
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

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

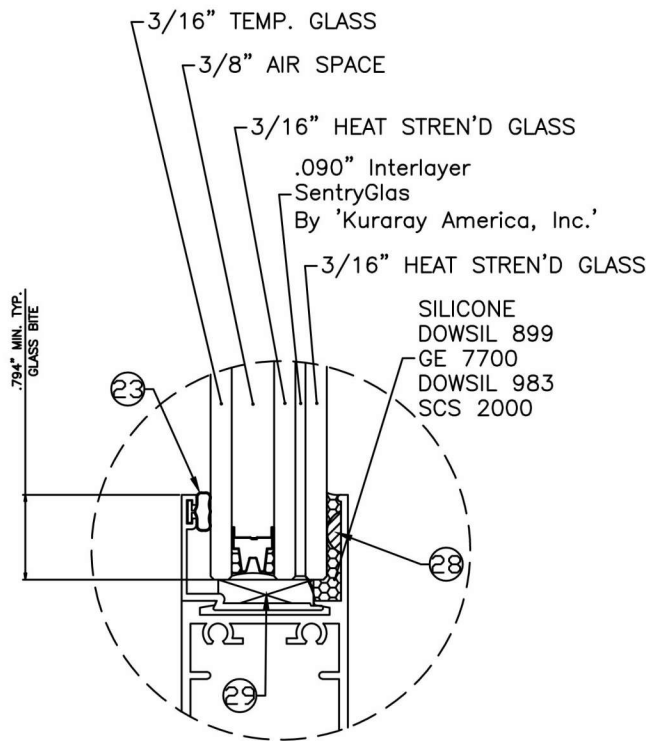
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC.

CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

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

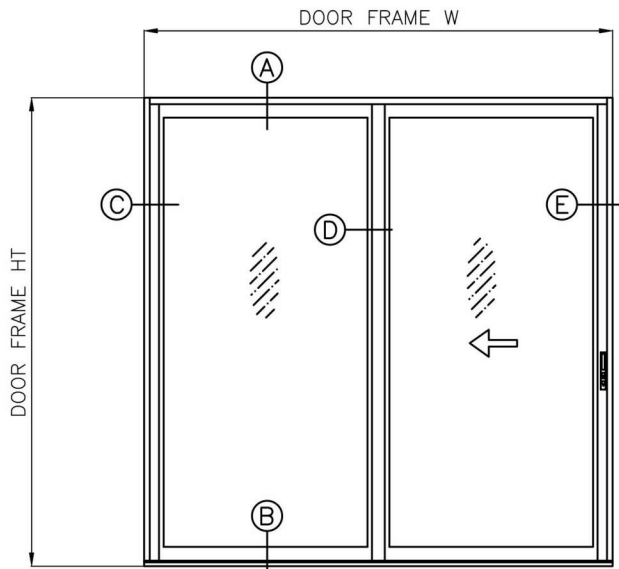


GLASS TYPE 'A'
7/16" NOM. LAMI. GLASS



GLASS TYPE 'A1'
1" NOM. INSUL. LAM. GLASS

GLAZING OPTIONS



OX (SHOWN)
XO

APPROVED CONFIGURATIONS

LAMINATED GLASS
INSUL. LAM. GLASS
LARGE MISSILE IMPACT

FL#25674.4



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					DESCRIPTION	BY	DATE
		12/30/2024	check by:	BS			

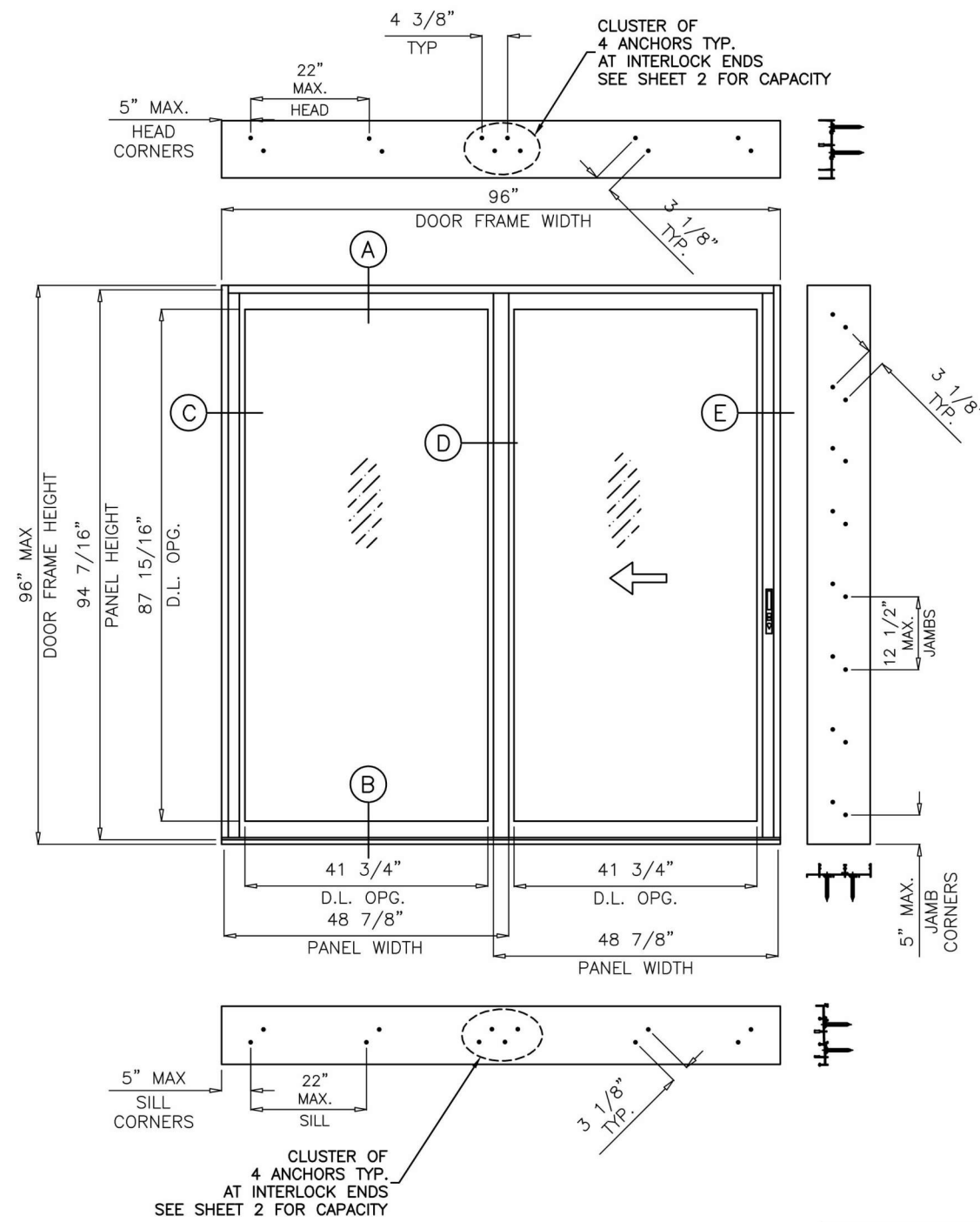
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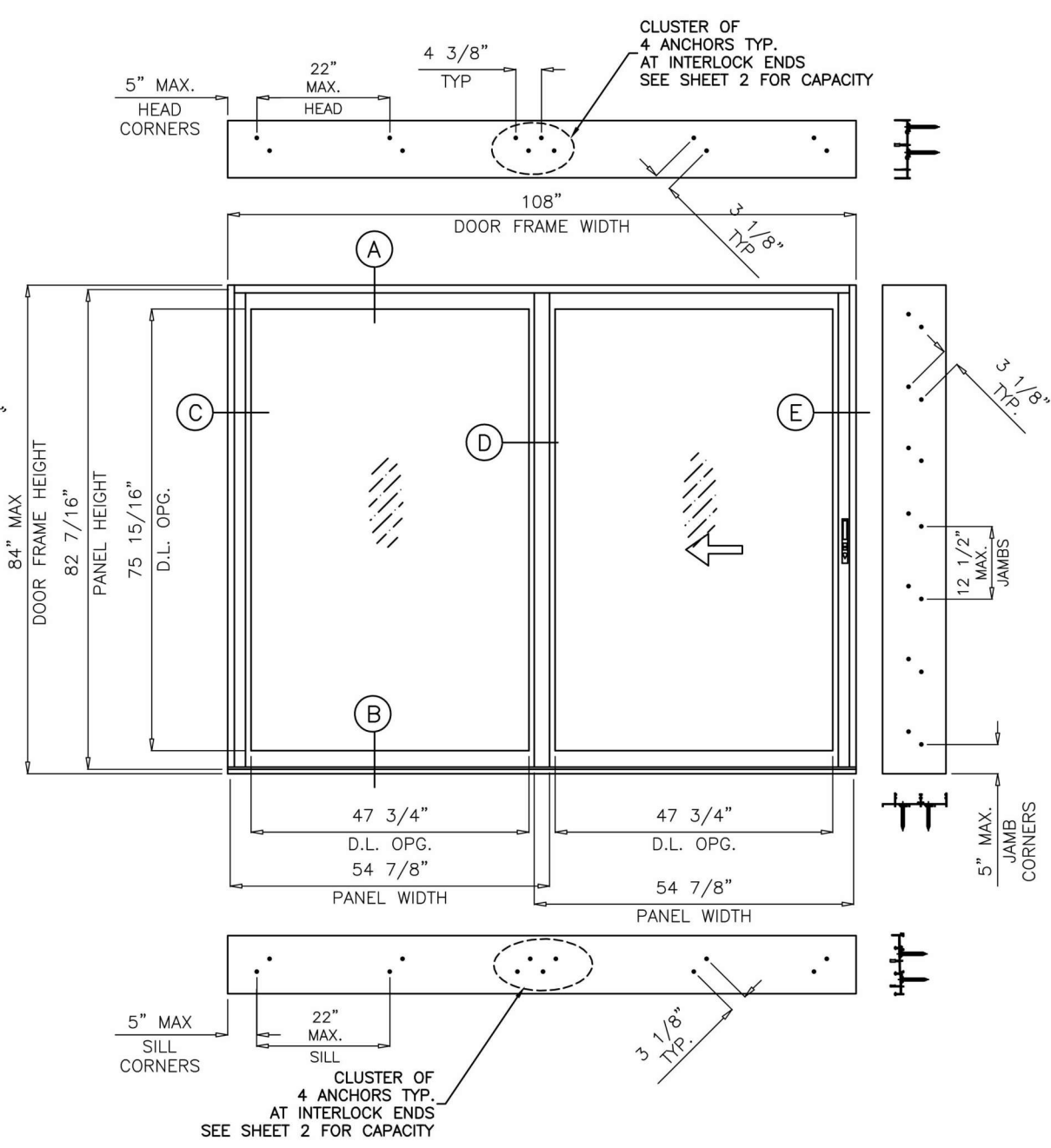
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TYPICAL ELEVATION
OX



TYPICAL ELEVATION
OX

MAXIMUM DESIGN LOAD RATING = + 70.0 PSF
(FOR SIZES ABOVE OR SMALLER) - 130.0 PSF

EXTERIOR (+) LOADS SHOWN ABOVE ARE FOR DOORS WITH 2-3/4" SILL HEIGHTS.
FOR 2" SILL HEIGHT LIMIT EXT. (+) LOADS TO 47.0 PSF
DOORS WITH 1" SILL HEIGHTS ARE NOT APPROVED FOR WATER INFILTRATION RESISTANCE SEE SHEET 3 FOR DETAILS

ALTERNATE SIZE UNITS:
MAX. FRME AREA OF DOORS NOT TO EXCEED
THE TESTED FRAME AREA OF 64 SQ. FT.

DAYLITE OPENINGS WIDTHS:
PANEL WIDTH - 7.125"
DAYLITE OPENING HEIGHT:
PANEL HEIGHT - 6.50"
PANEL HEIGHT = DOOR FRAME HEIGHT - 1.5625"

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-16 (3 SEC. GUSTS)



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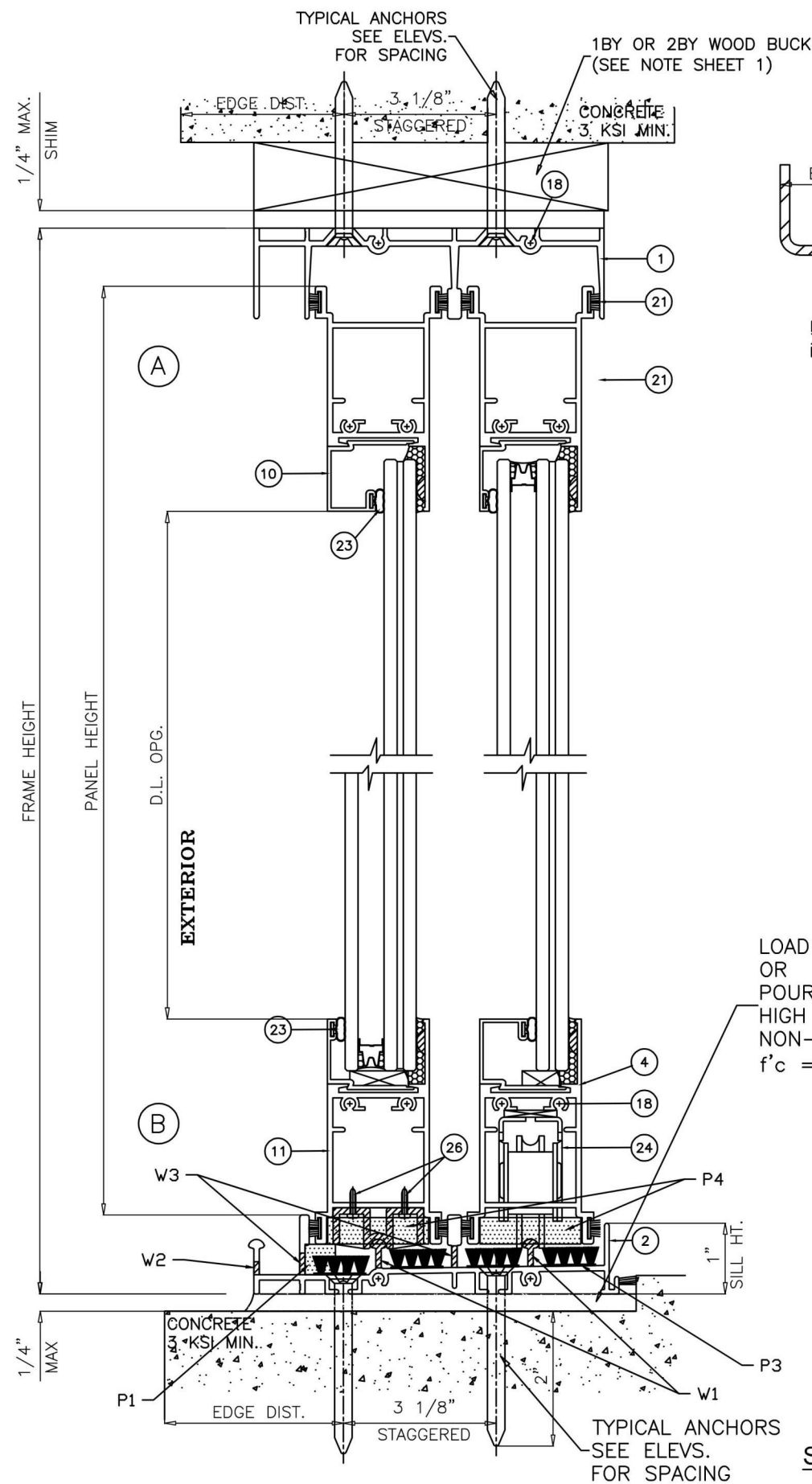
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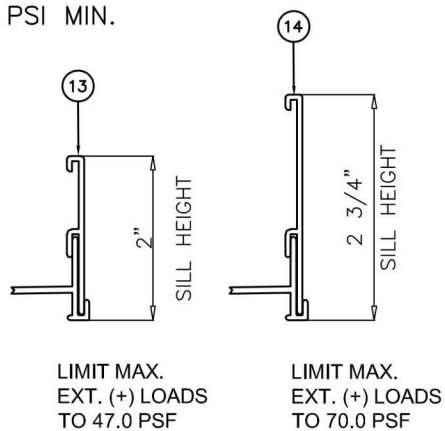
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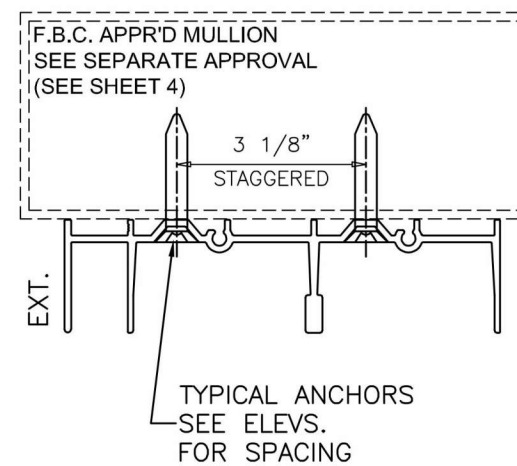
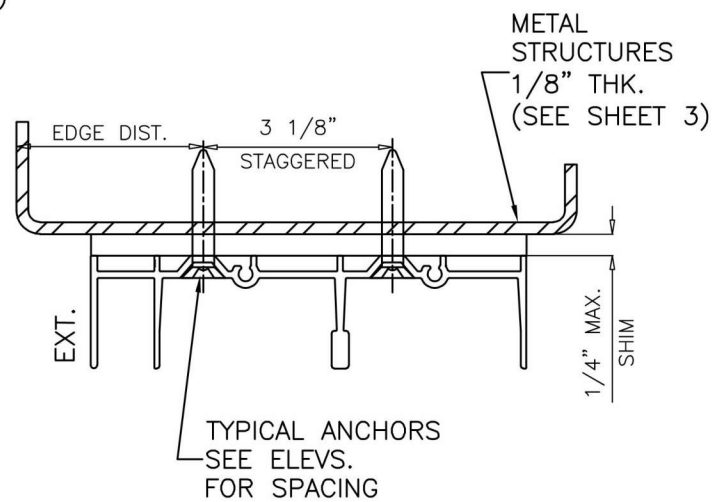


LOAD BEARING SHIMS
OR
POURED & HARDENED
HIGH STRENGTH GROUT
NON-SHRINK, NON-METALLIC
 $f'_c = 5000 \text{ PSI MIN.}$



SILL HEIGHT VS WATER RESISTANCE EXT. (+) LOAD

SEE SHEET 2 FOR DOOR CAPACITY



WEEP HOLES:

- W1 = 1-1/2" LONG NOTCH AT EACH END.
- W2 = 3/16" X 7/8" LONG WEEP NOTCH AT 5" FROM ENDS AND 21-1/2" O.C.
- W3 = 3/16" X 7/8" LONG WEEP NOTCH AT 3" FROM ENDS AND 22-1/2" O.C.

PILE PADS:

- P1 = OPEN CELL FOAM AT EACH WEEP HOLE LOCATION
1-1/16" LONG X 7/16" WIDE X 7/16" HIGH
- P2 = SELF ADHESIVE PILE PAD
1" X 3/8" X 1/4" HIGH
- P3 = SELF ADHESIVE PILE PAD WITH MULTI INTEGRAL FIN
2-1/2" X 1" X 3/8" HIGH
- P4 = OPEN CELL FOAM AT INTERLOCK
2" LONG X 1-7/16" WIDE X 7/16" HIGH



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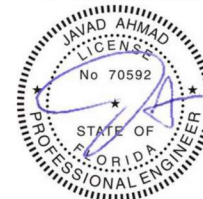
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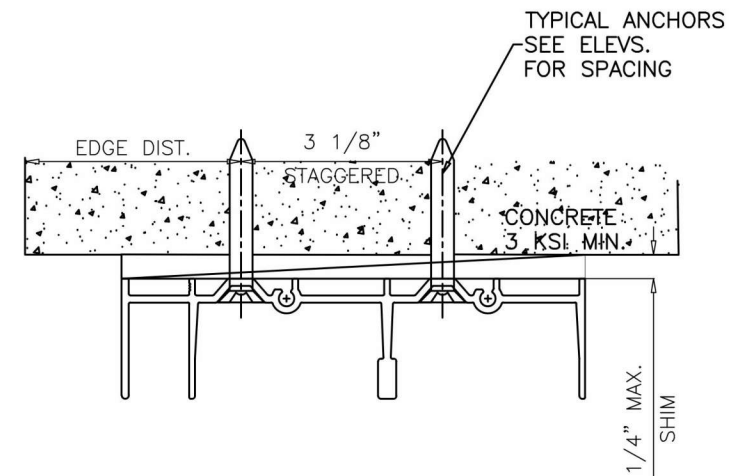
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1BY OR 2BY WOOD BUCKS AND METAL STRUCTURE NOT BY 'ECO WINDOWS'
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING					
Anchor Group	Anchor Type	Frame Member	Substrate	Min. Edge Distance	Min. Embedment or Metal Thickness
A	1/4" DeWalt UltraCon+	Head	Thru 1BY or 2BY Buck into Concrete (min. 3 ksi)	2-1/2"	1-1/4"
		Jambs	Southern Pine (SG = 0.55)	1"	1-1/2"
		Jambs	Thru 1BY Buck into Concrete (min. 3 ksi)	2-1/2"	1-1/4"
		Jambs	Thru 1BY Buck into Hollow or Filled Block (ASTM C90, min. 2 ksi)	2-1/2"	1-1/4"
B	1/4" DeWalt UltraCon+	Head	Concrete (min. 3 ksi)	2-1/2"	1-3/4"
		Jambs	Concrete (min. 3 ksi)	2-1/2"	1-1/4"
		Jambs	Hollow or Filled Block (ASTM C90, min. 2 ksi)	2-1/2"	1-1/4"
	5/16" DeWalt UltraCon	Sill	Concrete (min. 3 ksi)	2-1/2"	2"
C	1/4" Self Drilling Screws (Gr, 5)	All	F.B.C. Approved Mullions	3/4"	(3) Threads min. beyond metal thickness
		All	Aluminum 1/8" Thk. Min. (6063-T5)	3/4"	(3) Threads min. beyond metal thickness
		All	Steel 1/8" Thk. Min. (min. 36 ksi)	3/4"	(3) Threads min. beyond metal thickness

- STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED.
- ALL ANCHOR HEAD TYPES ARE ACCEPTABLE.



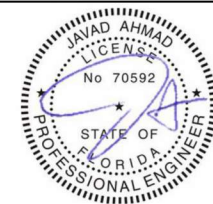
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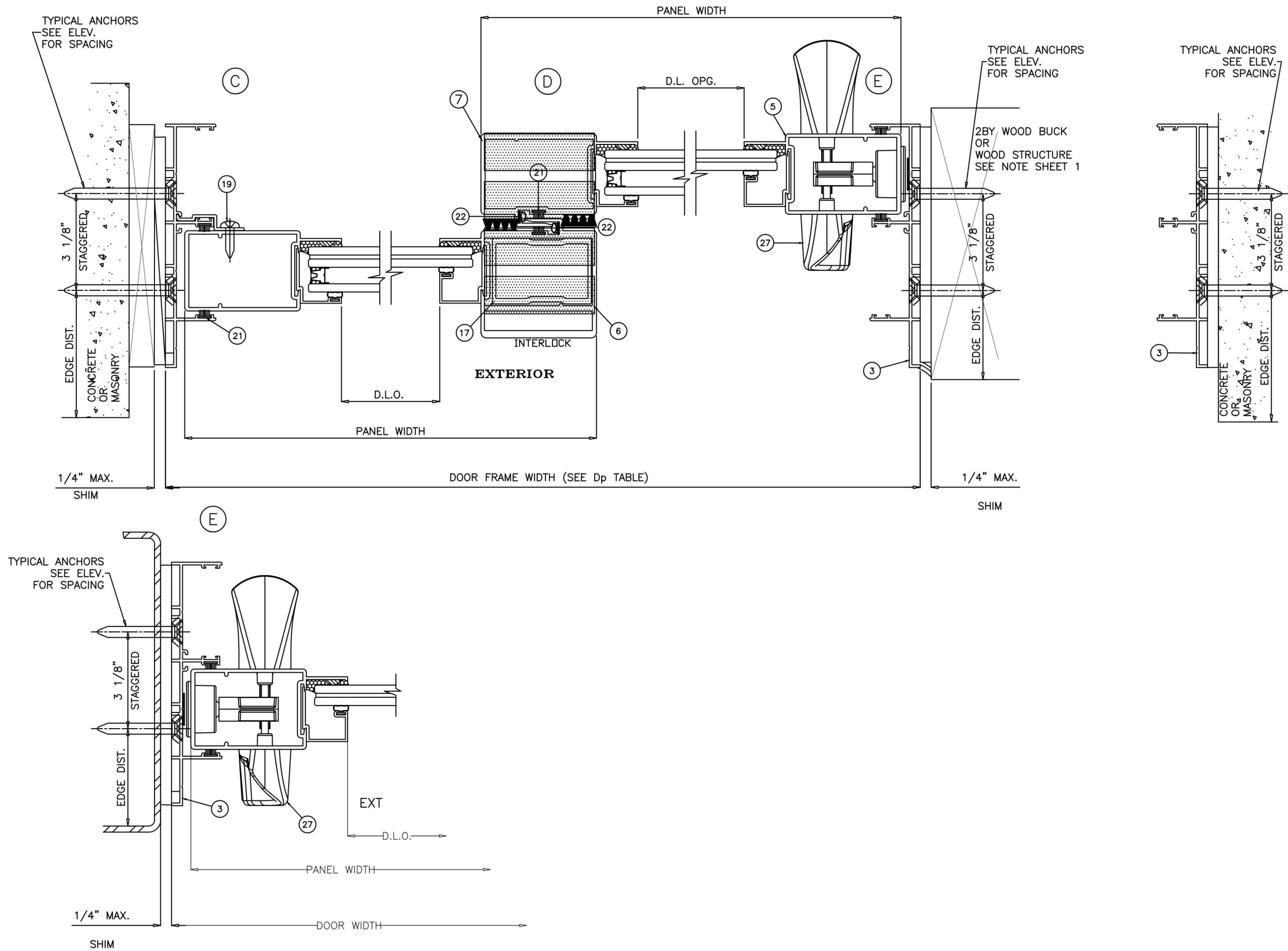
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ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANUF./SUPPLIER/REMARKS
1	E701	1	FRAME HEAD (2 TRACK)	6005-T5	-
2	E702	1	FRAME SILL (2 TRACK)	6005-T5	-
3	E703	2	FRAME JAMB (2 TRACK)	6063-T6	-
4	E704	2/ PANEL	PANEL TOP AND BOTTOM RAIL	6063-T6	-
5	E705	AS REQD.	PANEL LOCK STILE	6063-T6	-
6	E730	AS REQD.	PANEL H.D. OUTER INTERLOCK	6063-T6	-
7	E707	AS REQD.	PANEL INNER INTERLOCK	6063-T6	-
10	E710	AS REQD.	GLAZING BEAD 7/16" LAMINATED GLASS	6063-T6	-
11	E711	AS REQD.	GLAZING BEAD 1" INSULATED GLASS	6063-T6	-
13	E713	AS REQD.	2" SILL RISER	6063-T6	-
14	E714	AS REQD.	2-3/4" SILL RISER	6063-T6	-
15	E715	AS REQD.	FIXED PANEL CLIP (CONTINUOUS)	6063-T6	-
17	E717	AS REQD.	INTERLOCK STIFFENER (FULL PANEL LENGTH)	6063-T6	-
18	#10 X 3/4" HWH SMS	AS REQD.	FRAME ASSY. SCREWS	ST. STEEL	-
18A	#10 X 1" FH SMS	AS REQD.	PANEL ASSY. SCREWS	ST. STEEL	-
19	#8 X 1/2" PH SMS	2/ CLIP	FIXED PANEL CLIP SCREWS	ST. STEEL	AT 3" FROM ENDS & 16" O.C.
20	#10 X 1-1/4" PH SMS	1/ ROLLER	ROLLER INST. SCREWS	-	NOT SHOWN
21	WEATHERSTRIP	AS REQD.	FRAME AND PANEL WEATHERSTRIP	-	FIN SEAL .190 HIGH BY ULTRAFAB
22	E235	AS REQD.	INTERLOCK BUMPER BULB	SANTOPRENE	ULTRAFAB
23	E203	AS REQD.	GLAZING BEAD BULB	SANTOPRENE	ULTRAFAB, DUROMETER 65±5
24	PRO3-6005	2/ MOV. PANEL	TANDEM NYLON WHEELS IN ST. STEEL HOUSING	-	INTERLOCK (1/2" MTG. SPACER REQD.)
25	E718	2/ PANEL	FIXED PANEL SKATE	DELRIN	-
26	#8 X 1/2" PH SMS	2/ CLIP	FIXED PANEL SKATE INST. SCREWS	ST. STEEL	
27	-	AS REQD.	3 PLY DUAL POINT LOCK ASSEMBLY	-	BY INTERLOCK
28		AS REQD.	BUMPON (SILICONE SPACER)	SILICONE	BY FRANK LOWE
29		AS REQD.	SETTING BLOCKS AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A

SEALANT:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH
WHITE/ ALUMINUM COLORED SILICONE.



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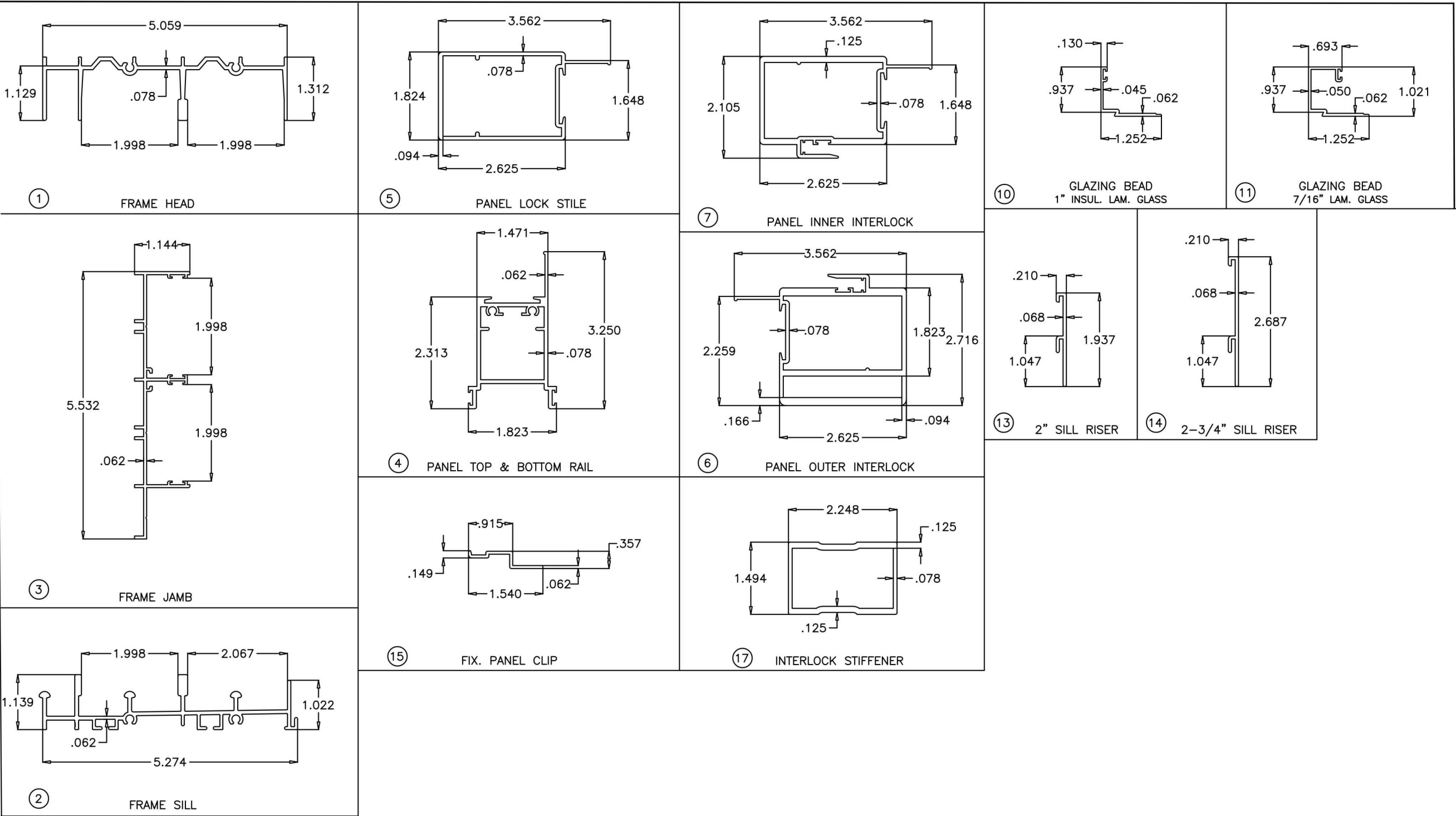
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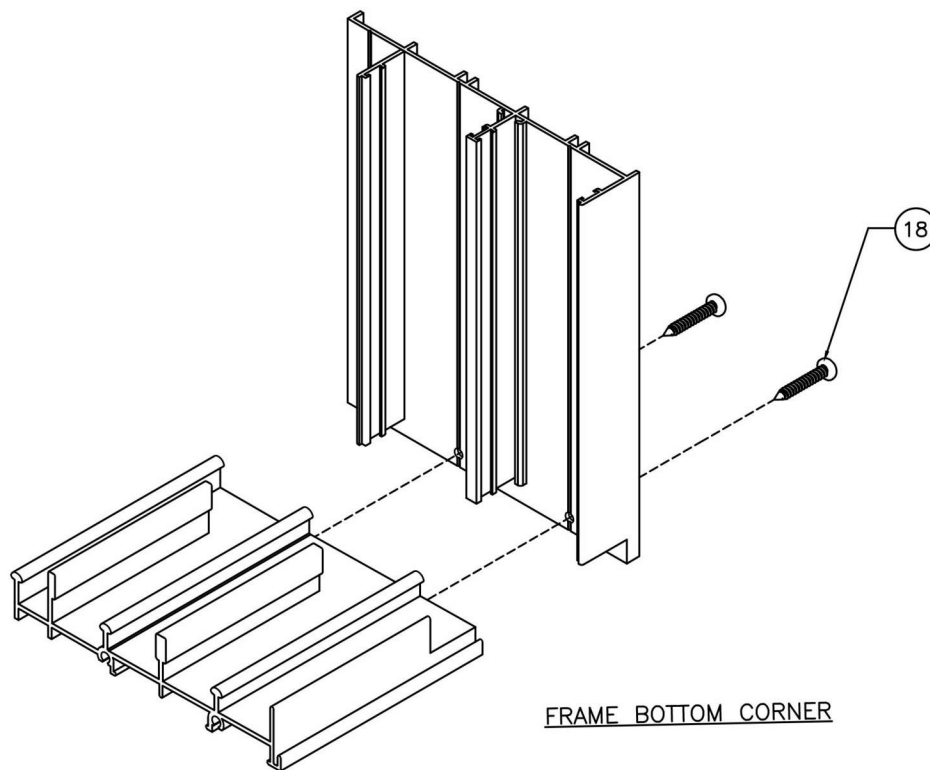
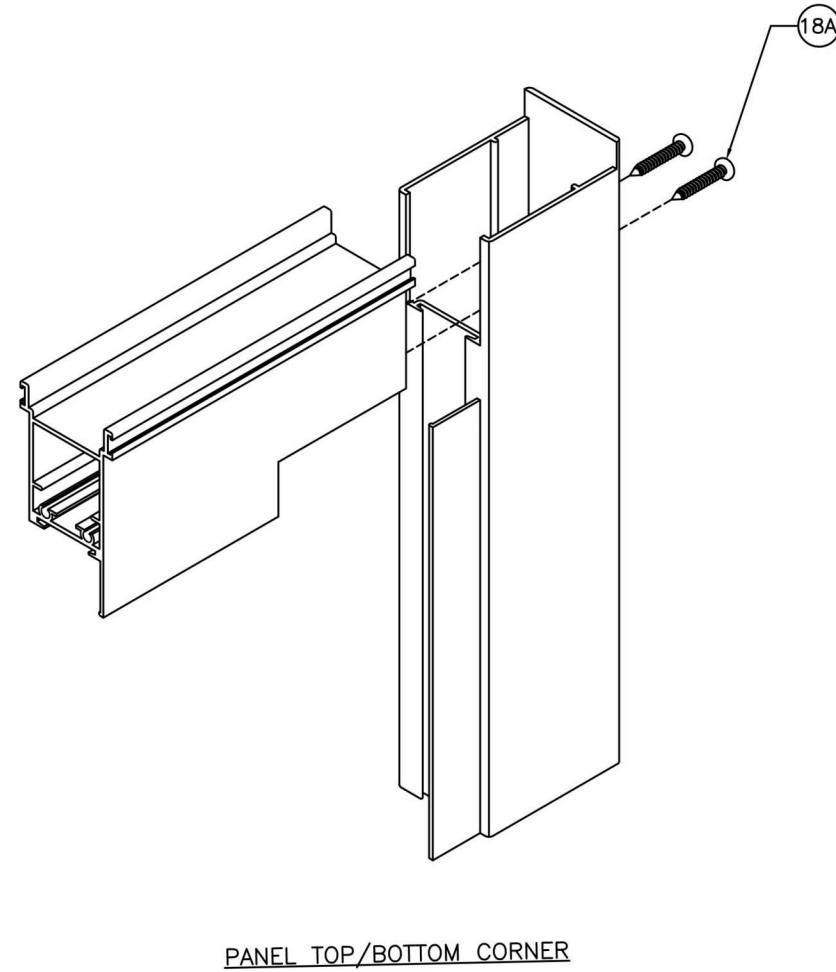
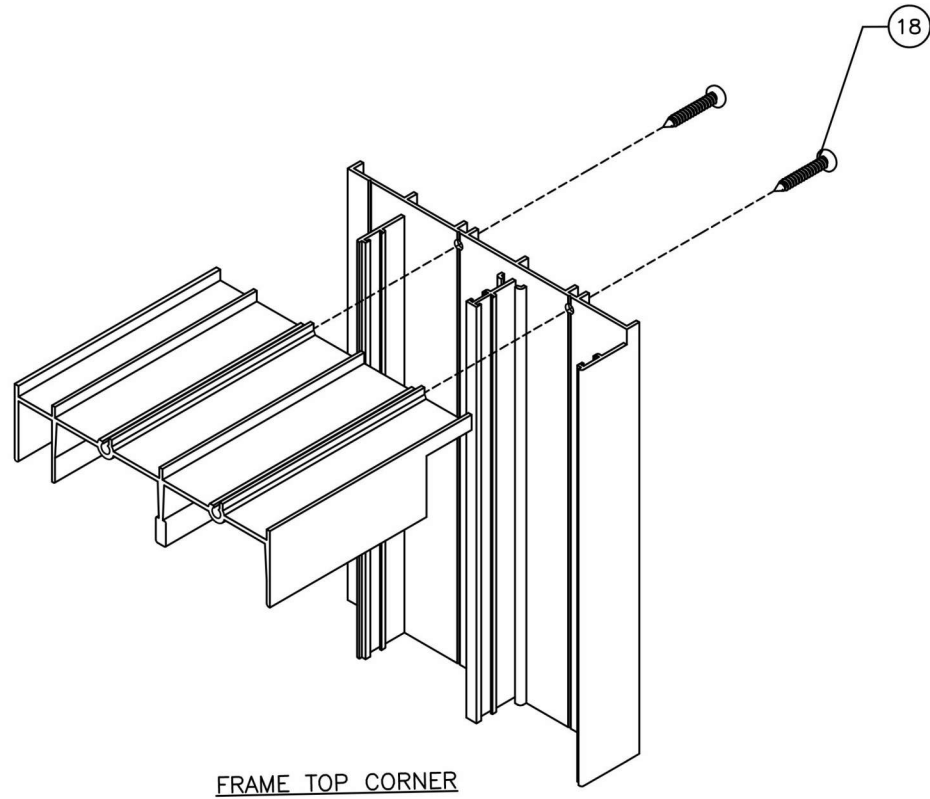


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