

GENERAL NOTES:

1. THIS PRODUCT HAS BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".
2. OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
4. THIS PRODUCT HAS BEEN DESIGNED IN ACCORDANCE WITH AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ) & IS LARGE MISSILE IMPACT RATED.
5. IMPACT SHUTTERS ARE NOT REQUIRED WITH THIS PRODUCT.
6. ALL ANCHORS SECURING PRODUCT FRAMES TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
7. DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, A DIRECTIONALITY FACTOR OF $K_d = 0.85$ MAY BE APPLIED PER THE ASCE-7 STANDARD.
8. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE.
9. TO THE BEST OF OUR KNOWLEDGE, THE PRODUCT SHOWN HEREIN IS QUALITY ASSURED BY A FLORIDA STATE APPROVED CERTIFICATION/QA ENTITY & SHALL BE LABELED IN ACCORDANCE WITH THE FBC AND THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION SPECIFICATIONS. THESE DRAWINGS SHOW ALL APPLICABLE ELEVATION, COMBINATION, INSTALLATION & COMPARATIVE ANALYSIS CONDITIONS AS DETERMINED THROUGH TESTING & ENGINEERING RATIONAL ANALYSIS. PRODUCT ASSEMBLY SHALL BE IN ACCORDANCE WITH THESE DRAWINGS, THE MANUFACTURER'S QUALITY ASSURANCE SPECIFICATIONS & TESTING REPORTS.
10. CERTIFICATION OF THIS PRODUCT SHALL BE CONSIDERED VOID IF IT IS INSTALLED WITHOUT A BUILDING PERMIT FROM THE APPLICABLE LOCAL BUILDING DEPARTMENT OR IF IT IS INSTALLED BY ANYONE OTHER THAN A LICENSED CONTRACTOR EXPERIENCED WITH INSTALLATIONS OF THIS TYPE OF PRODUCT.

CORNER & FRAME END CONSTRUCTION:

FRAME HEAD CORNER (APPLICABLE TO ITEM #1A & 1B): HEAD IS SQUARE CUT, BUTTED TO SIDE, FASTENED WITH THREE(3) NO. 12 X 1" PHTFS FASTENERS THROUGH THE SIDE MEMBER INTO THE HEAD MEMBER SCREW SPLINES & SEALED WITH SILICONE.

FRAME HEAD CORNER (APPLICABLE TO ITEM #1C): HEAD IS MITER OR SQUARE CUT, BUTTED TO SIDE, FASTENED WITH TWO(2) NO. 12 X 1 1/2" PHTFS FASTENERS THROUGH THE SIDE MEMBER INTO THE HEAD MEMBER SCREW SPLINES & SEALED WITH SILICONE.

FRAME SILL CORNER: SILL IS SQUARE CUT, BUTTED TO SIDE, FASTENED WITH THREE(3) NO. 12 X 1" PHTFS FASTENERS THROUGH THE SIDE MEMBER INTO THE SILL MEMBER SCREW SPLINES & SEALED WITH SILICONE.

FRAME DOOR JAMB SILL CORNER: SILL IS SQUARE CUT, BUTTED TO SIDE, FASTENED WITH 1 JAMB PIVOT ASSEMBLY. EACH PIVOT ASSEMBLY WAS FASTENED TO THE SIDE WITH THREE(3) NO. 12-24 X 5/8" FHMS. THE THRESHOLD IS THEN FASTENED TO PIVOT ASSEMBLY WITH TWO(2) NO. 12-24 X 3/8" FHMS & SEALED WITH SILICONE.

HORIZONTAL FRAME MULLION END (APPLICABLE TO ITEMS #6A & #7): HORIZONTAL IS SQUARE CUT, BUTTED TO SIDE, FASTENED WITH THREE(3) NO. 12 X 1" SS PHTFS FASTENERS THROUGH THE SIDE MEMBER INTO THE MULLION MEMBER SCREW SPLINES & SEALED WITH SILICONE.

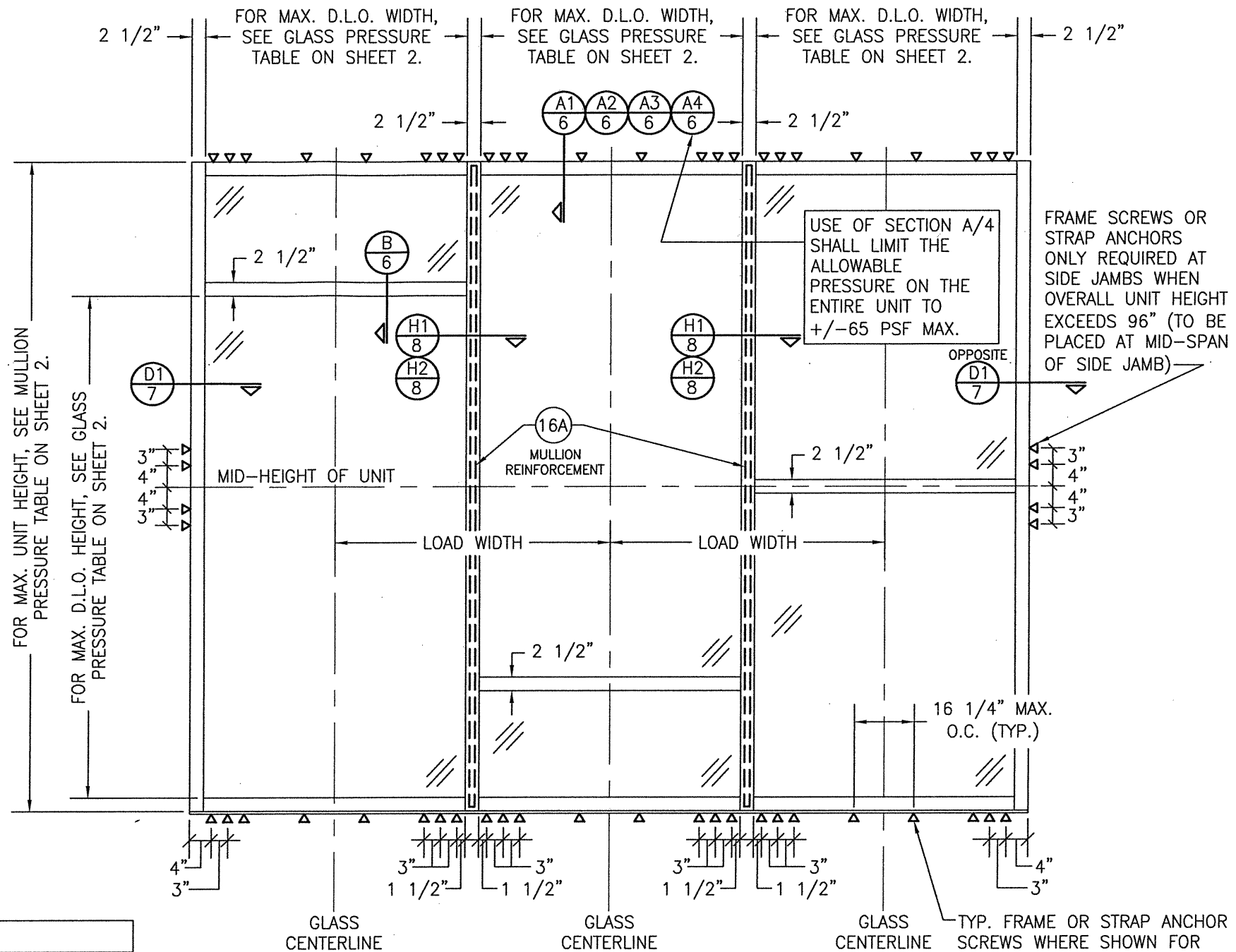
HORIZONTAL FRAME MULLION END (APPLICABLE TO ITEM #6B): HORIZONTAL IS SQUARE CUT, BUTTED TO SIDE, JOINED VIA A SHEAR BLOCK (PART #21). THE SHEAR BLOCK IS FASTENED TO THE VERTICAL FRAME MEMBER WITH FOUR(4) NO. 12 X 1 7/8" FHTF TYPE B SCREWS. THE HORIZONTAL MEMBER IS FASTENED TO THE SHEAR BLOCK WITH THREE(3) NO. 12 X 1" FHTF TYPE AB SCREWS. EACH CORNER IS SEALED WITH DOW 795 SILICONE SEALANT.

FRAME ANCHOR REQUIREMENTS TABLE

FRAME & STRAP ANCHOR SCREWS

OPENING TYPE	OPENING TYPE (SUBSTRATE)	FRAME TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
A	MIN. 2X6 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 14 SMS OR WOOD SCREW	1 1/4"	3/4"
B	MIN. 1/8" THK A36 STEEL	1/4" GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
C	MIN. 3000 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/2"	2 1/2"
D	MIN. 18 GA. 33 KSI METAL STUD	1/4" GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
E	MIN. C-90 CMU	(1) 1/4" CONCRETE SCREW	1 1/4"	2 1/2"
(3) F	MIN. 3000 PSI CONCRETE	(2) 3/8" WEDGE/SLEEVE ANCHOR	2 1/2"	3"

- (1) CONCRETE SCREWS SHALL BE ELCO ULTRACONS (C.S.), ELCO CRETE-FLEX (S.S.) OR HILTI KWIK-CON II (C.S OR S.S.).
- (2) WEDGE/SLEEVE ANCHORS SHALL BE RAMSET/RED HEAD DYNABOLT, HILTI KWIK-BOLT 3, OR POWERS RAWL POWER BOLT (STEEL OR S.S.)
- (3) ANCHOR TYPE "F" IS ONLY APPLICABLE FOR USE WITH THE SILL ANCHOR BLOCK AT THE VERTICAL DOOR MULLION BOTTOM END.



EXTERIOR ELEVATION MULTIPLE FIXED PANEL STORE FRONT ASSEMBLY (WHEN ANCHORED TO WOOD, METAL STUD, CONCRETE OR CMU)

SCALE: 1/2"=1'-0"

HORIZONTAL STACKING & OVERALL UNIT WIDTH IS UNLIMITED PROVIDING DIMENSIONS SPECIFIED ARE NOT EXCEEDED. NUMBER OF VERTICAL PANELS IS UNLIMITED BUT MUST FIT INSIDE MAXIMUM UNIT HEIGHT SHOWN.

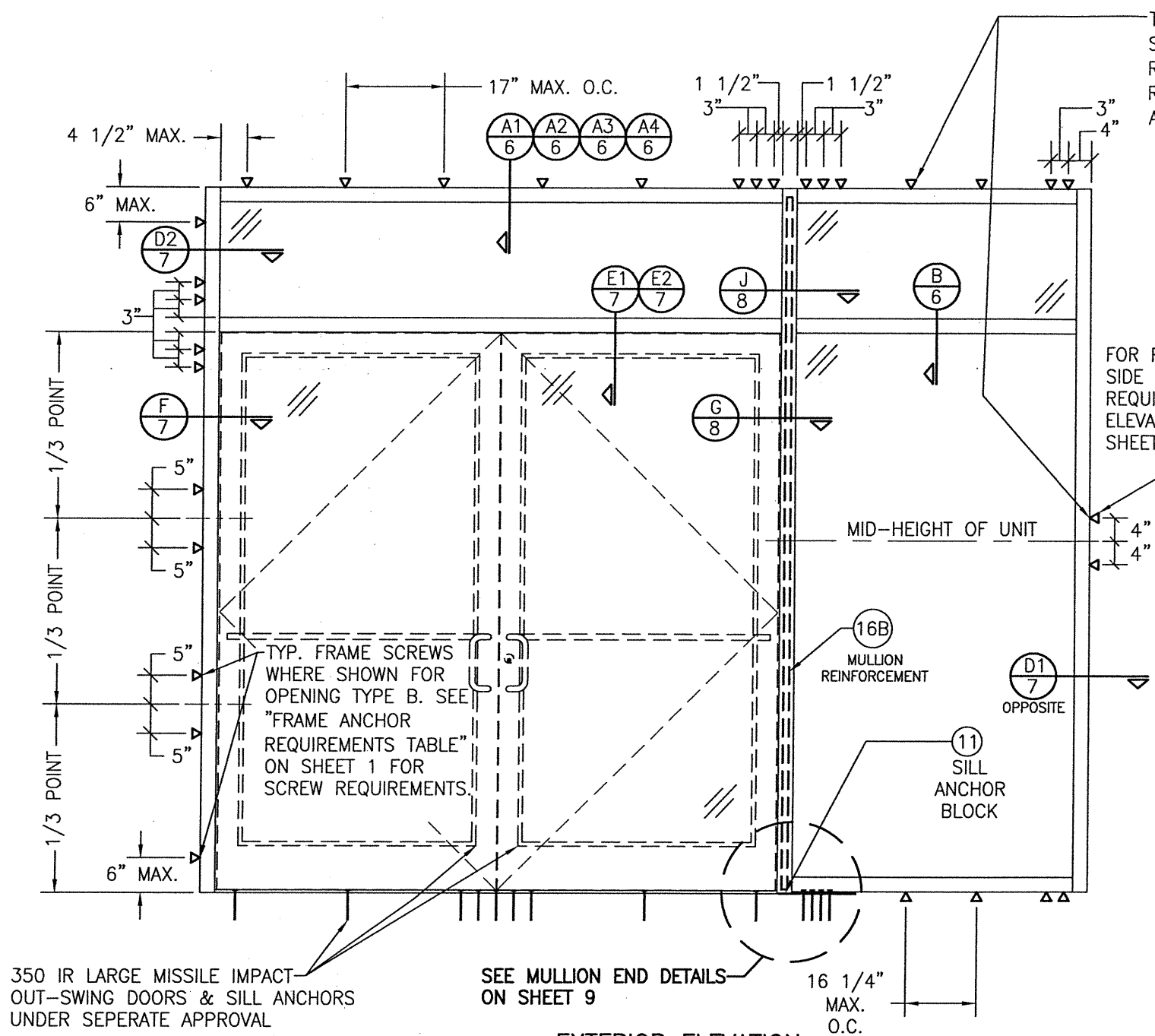
NOTE: CMU IS APPLICABLE ONLY AT SIDES.

EVALUATION OF THIS PRODUCT IS BASED ON APPLICABLE STANDARDS AND/OR INFORMATION & RESULTS FROM APPLICABLE TEST REPORTS. THE FLORIDA BUILDING CODE VERSION CONSIDERED WITH THIS EVALUATION WAS THAT IN FORCE AT THE TIME OF THE EVALUATION. IN THE EVENT OF CODE VERSION CHANGES/UPDATES OR IN THE EVENT THAT NEW OR ADDITIONAL TESTING IS COMPLETED ON THIS PRODUCT, PRIOR TO STATING CODE COMPLIANCE WITH THE STATE, THE MANUFACTURER SHALL CONFIRM WITH THE EVALUATION ENGINEER OF RECORD THAT EVERYTHING SPECIFIED HERE-IN IS CURRENT WITH ALL CURRENT TESTING, CODES AND APPLICABLE STANDARDS.

THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR RATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 01/27/09	
DATE	BY	REVISION DESCRIPTION	NO.
06/07/11	WWS	UPDATE PER NEW TESTING	A1
02/25/13	WWS	CORRECTED PARTS INFORMATION	B1
06/28/16	WWS	CHANGE TO STATE ONLY APPROVAL	C1
DRAWING TITLE: IR500 ALUMINUM STORE FRONT SYSTEM - LARGE MISSILE IMPACT			
MANUFACTURER: KAWNEER COMPANY, INC. 555 GUTHRIE COURT NORCROSS, GA 30092 770-449-5555		CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
CERTIFICATION: MAR 08 2021		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1633		REV. C	
SHEET NO. 1		OF 10	





TYP. FRAME OR STRAP ANCHOR SCREWS WHERE SHOWN FOR OPENING TYPE B. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR SCREW REQUIREMENTS (STRAP ANCHORS ARE NOT APPLICABLE AT SILL.)

FOR FIXED PANEL SIDE JAMB ANCHOR REQUIREMENTS, SEE ELEVATION ON SHEET 1.

350 IR LARGE MISSILE IMPACT-
OUT-SWING DOORS & SILL ANCHORS
UNDER SEPERATE APPROVAL

SEE MULLION END DETAILS
ON SHEET 9

EXTERIOR ELEVATION
STORE FRONT ASSEMBLY WITH DOORS & TRANSOM
(WHEN ANCHORED TO STEEL)

SCALE: 1/2"=1'-0"

- * SINGLE SIDELIGHT SHOWN, MULTIPLE SIDELIGHT CONDITION ALSO APPLIES WITH SIDELIGHT AT ONE OR BOTH SIDES.
- * DOUBLE DOOR CONDITION SHOWN, SINGLE DOOR CONDITION ALSO APPLIES.
- * HORIZONTAL STACKING & OVERALL UNIT WIDTH IS UNLIMITED. NUMBER OF VERTICAL PANELS IS UNLIMITED BUT MUST FIT INSIDE MAXIMUM FRAME HEIGHT SHOWN.
- * FOR ALL FRAMING & D.L.O. DIMENSIONS, SEE ELEVATION ON SHEET 3.

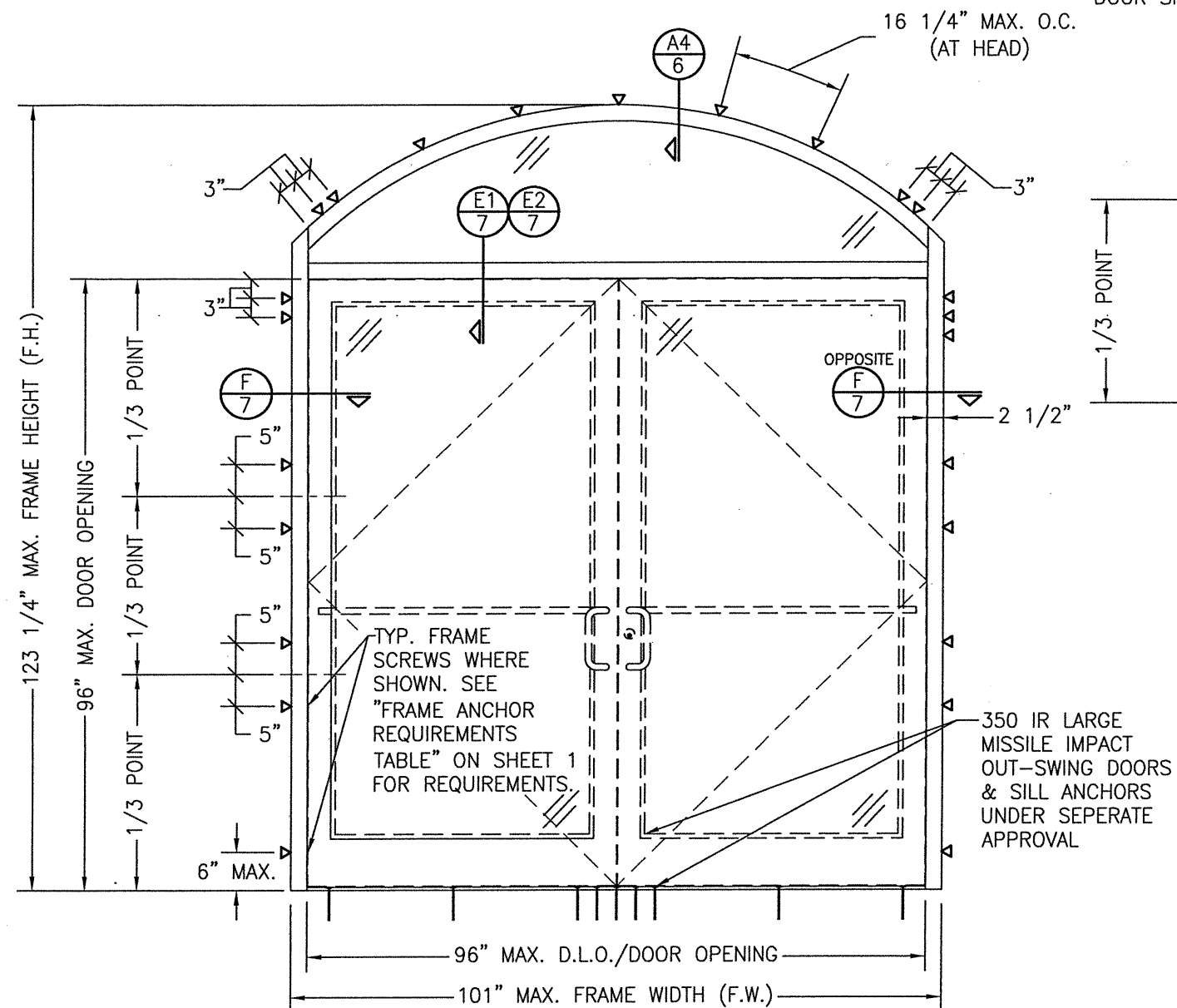
ALLOWABLE DESIGN PRESSURE
(DOOR UNITS)

+/-65 PSF

ONLY THE DOOR/TRANSOM AREA & THE PANEL SECTIONS DIRECTLY NEXT TO THE DOOR AREA ARE RESTRICTED TO +/-65 PSF. FOR ALLOWABLE PRESSURE ON GLASS PANEL AREAS OF THE STOREFRONT ASSEMBLY AWAY FROM THE DOORS, SEE GLASS AND MULLION PRESSURE TABLES ON SHEET 2.

DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 01/27/09	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE IR500 ALUMINUM STORE FRONT SYSTEM - LARGE MISSILE IMPACT		MANUFACTURER KAWNEER COMPANY, INC. 555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		P.E. NO. 44135 WARREN W. SCHAEFER, P.E.	
CERTIFICATION MAR 08 2021		DRAWING NO. 1633	
		REV. C	
		SHEET NO. 4 OF 10	

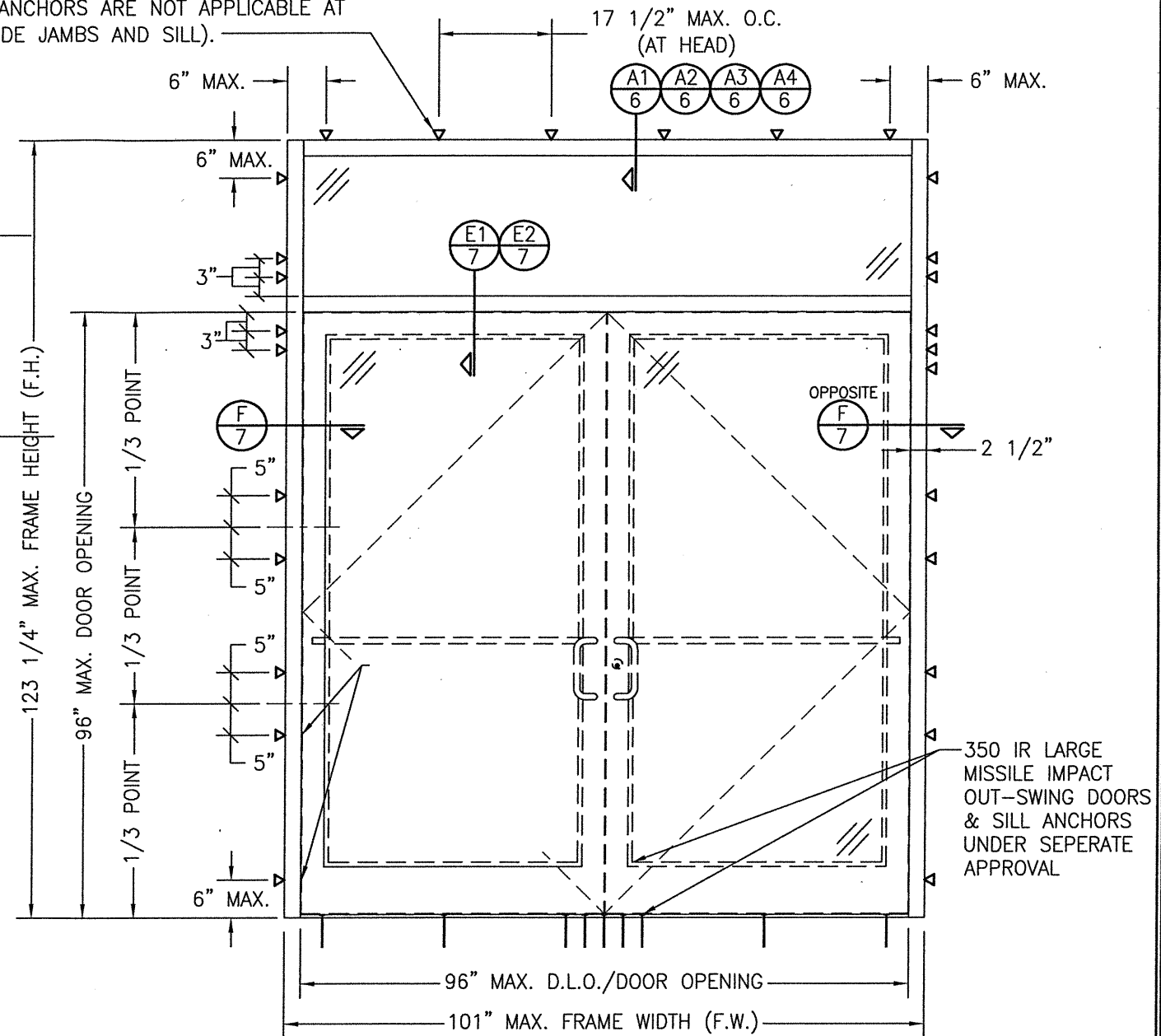
TYP. FRAME OR STRAP ANCHOR SCREWS WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS (STRAP ANCHORS ARE NOT APPLICABLE AT DOOR SIDE JAMBS AND SILL).



EXTERIOR ELEVATION
STORE FRONT FRAMING WITH DOORS & EYEBROW TRANSOM
(APPLICABLE WITH ALL SUBSTRATES)

(DOUBLE DOOR CONDITION SHOWN, SINGLE DOOR CONDITION ALSO APPLIES)
SCALE: 1/2"=1'-0"

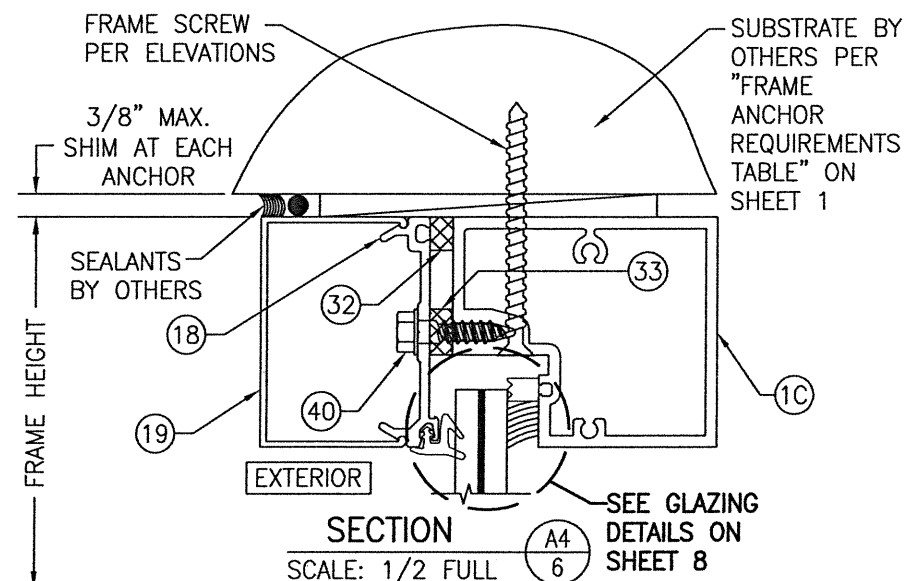
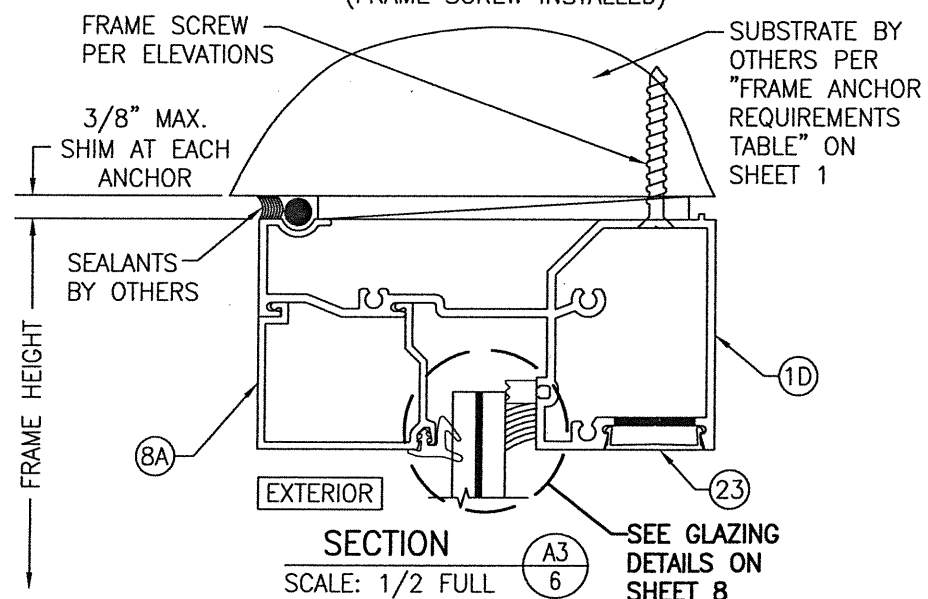
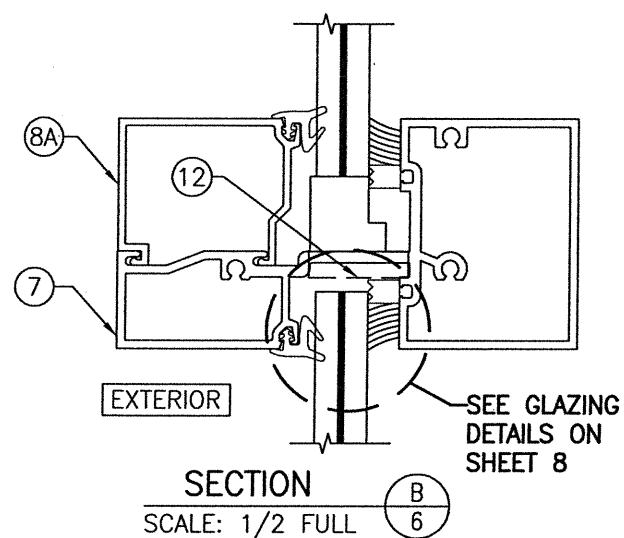
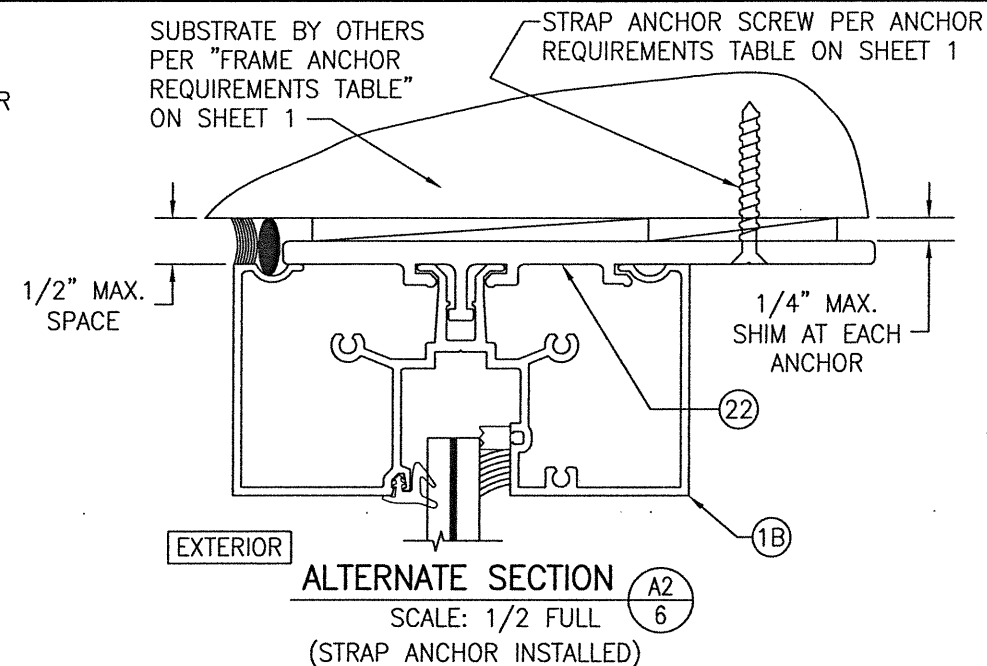
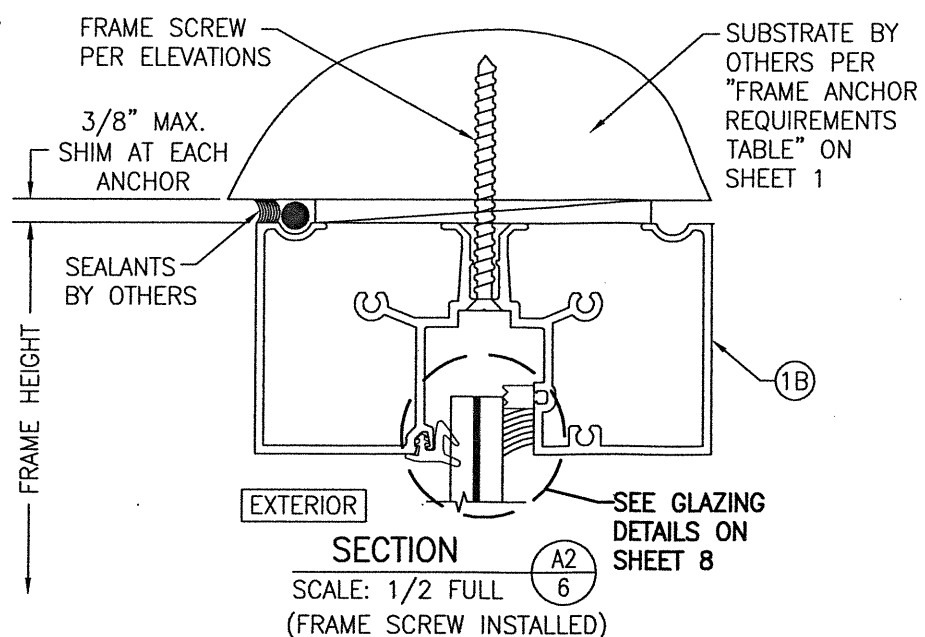
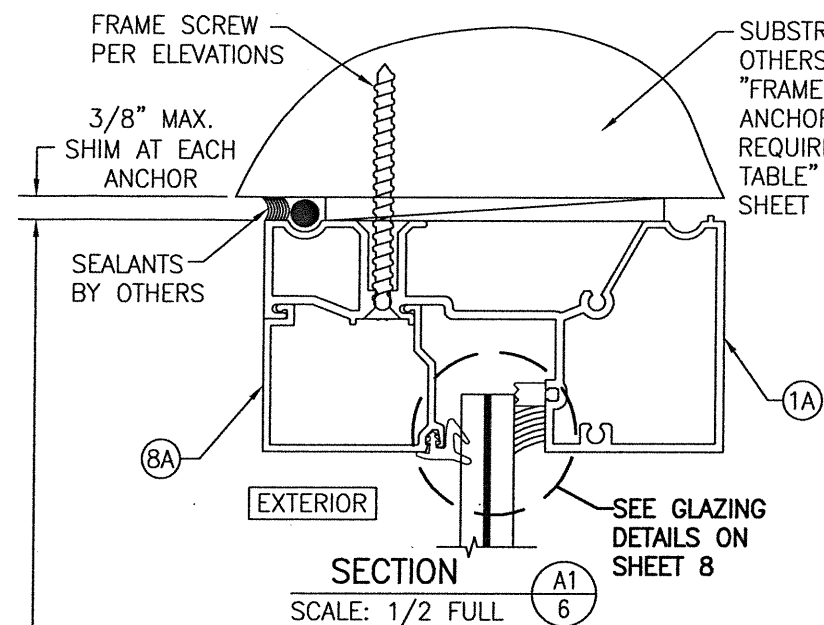
ALLOWABLE DESIGN PRESSURE
(DOOR WITH TRANSOM UNITS)

 ± 65 PSF

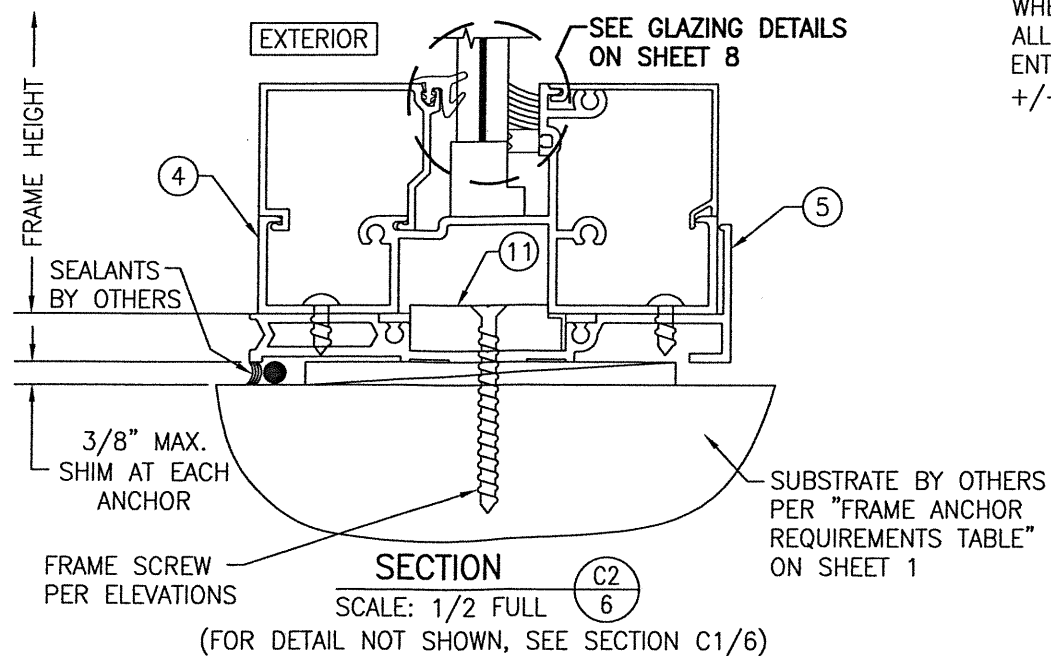
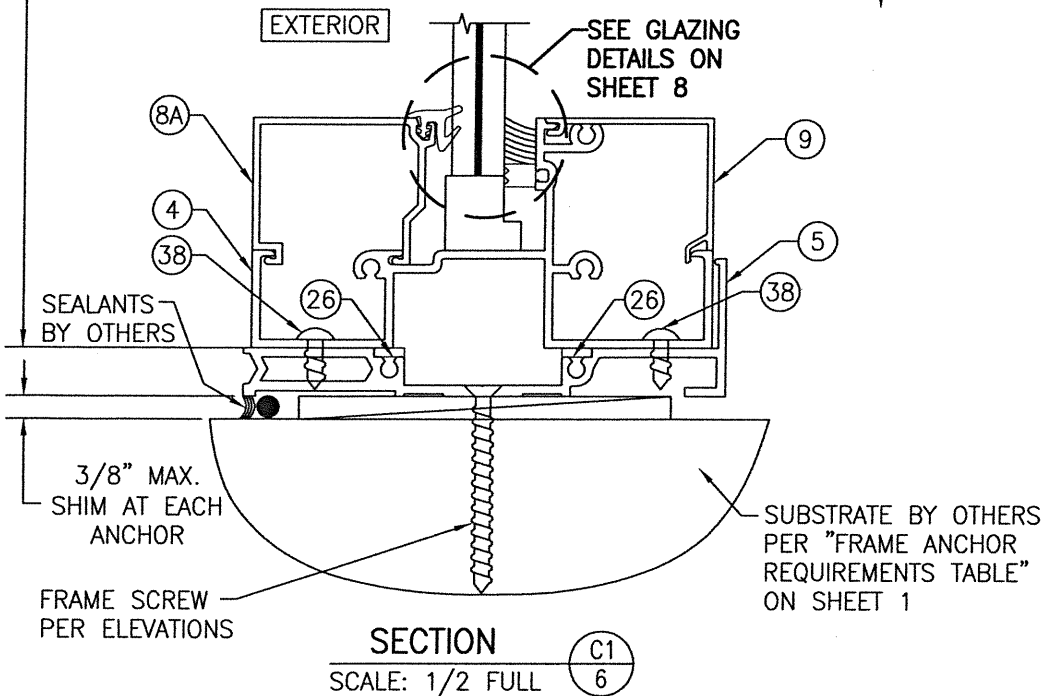
EXTERIOR ELEVATION
STORE FRONT FRAMING WITH DOORS & RECTANGULAR TRANSOM
(APPLICABLE WITH ALL SUBSTRATES)

(DOUBLE DOOR CONDITION SHOWN, SINGLE DOOR CONDITION ALSO APPLIES)
SCALE: 1/2"=1'-0"

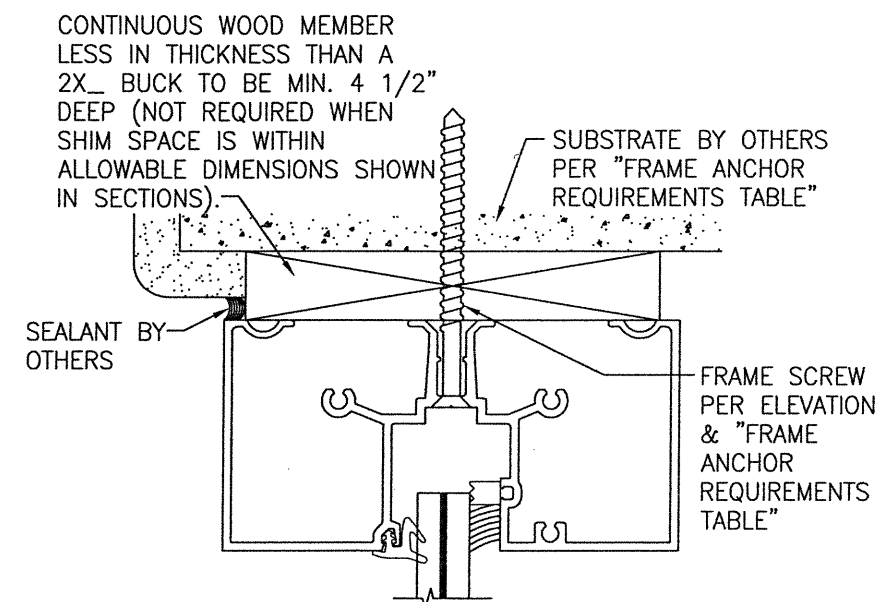
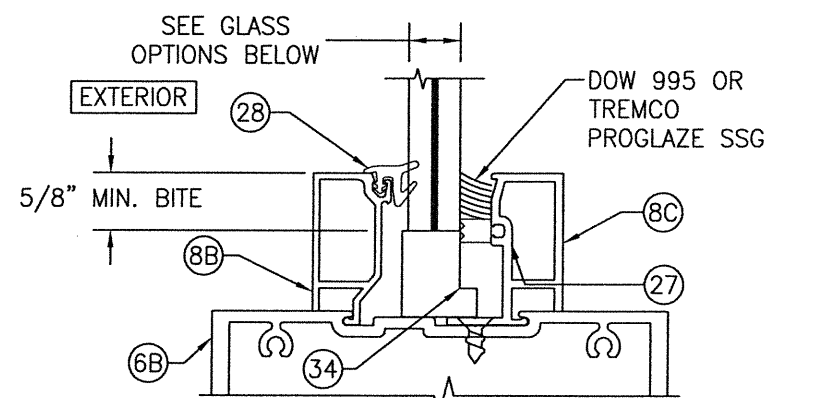
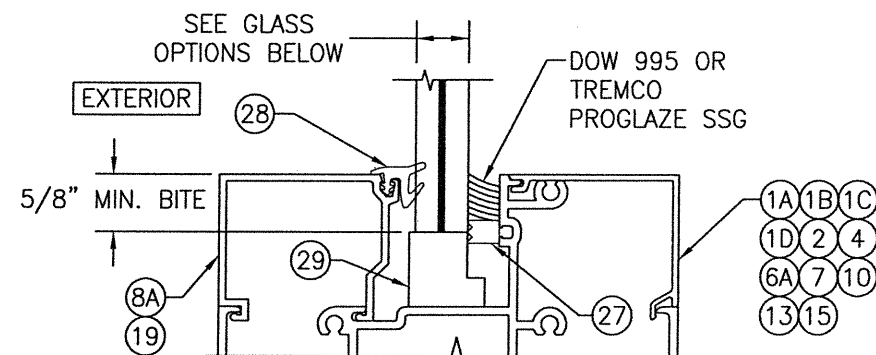
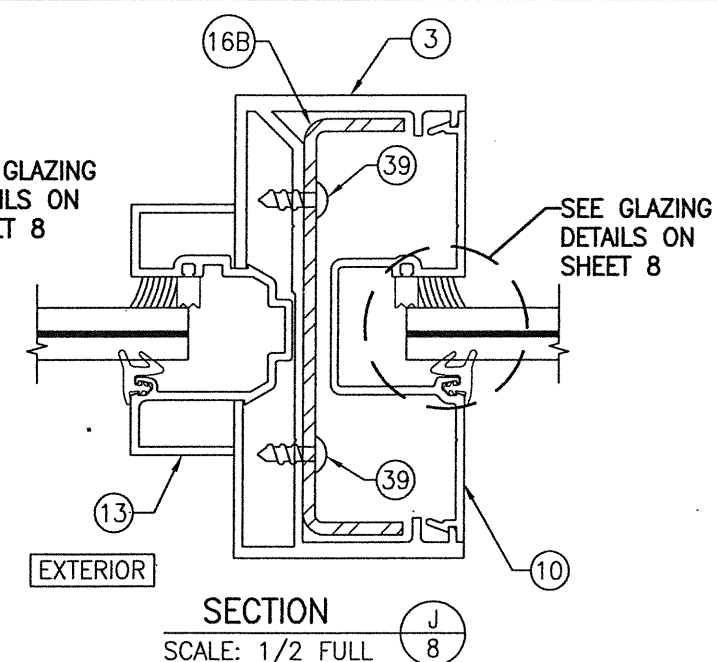
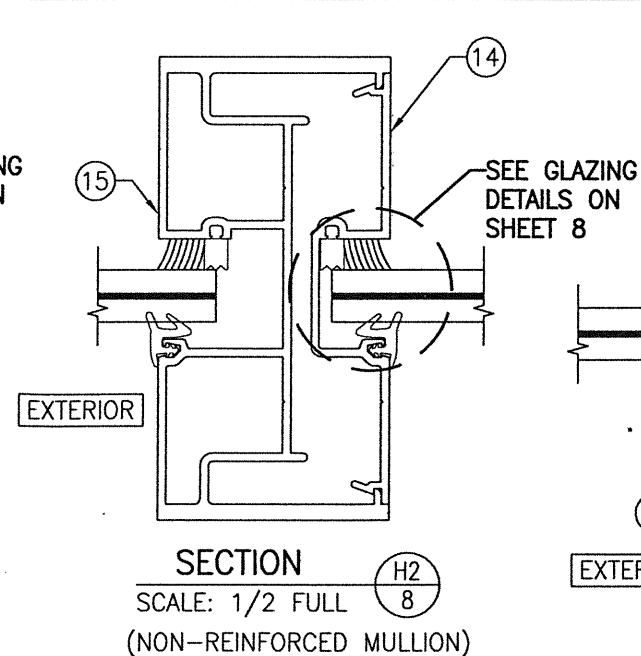
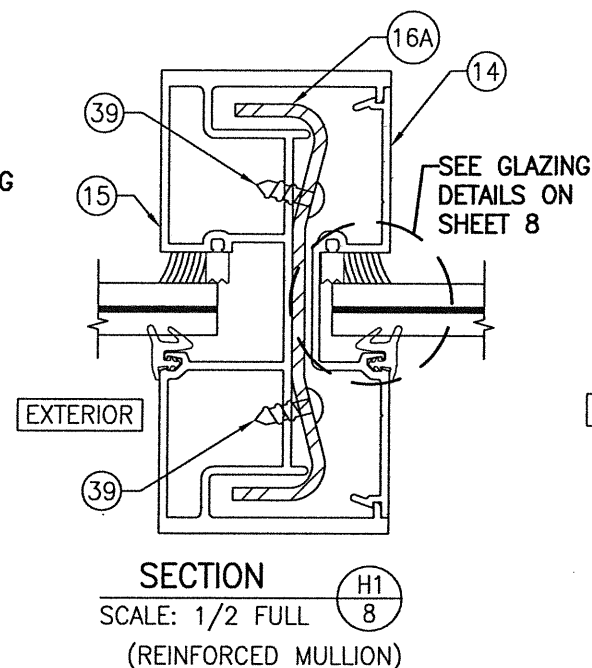
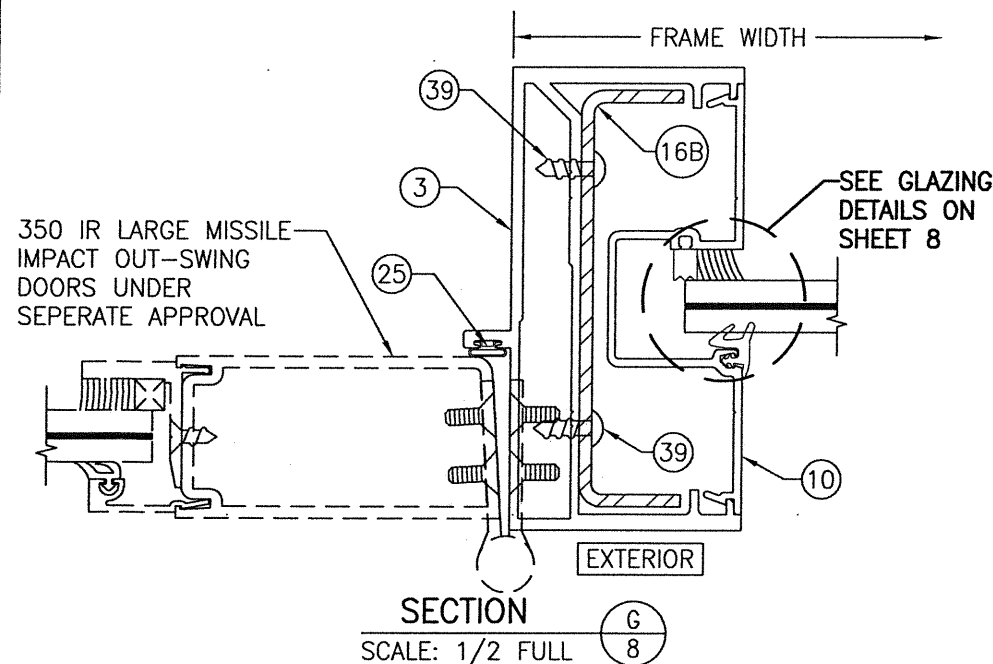
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WHEN THIS HEAD SECTION IS USED, THE ALLOWABLE DESIGN PRESSURE ON THE ENTIRE UNIT SHALL BE LIMITED TO MAXIMUM +/-65 PSF.

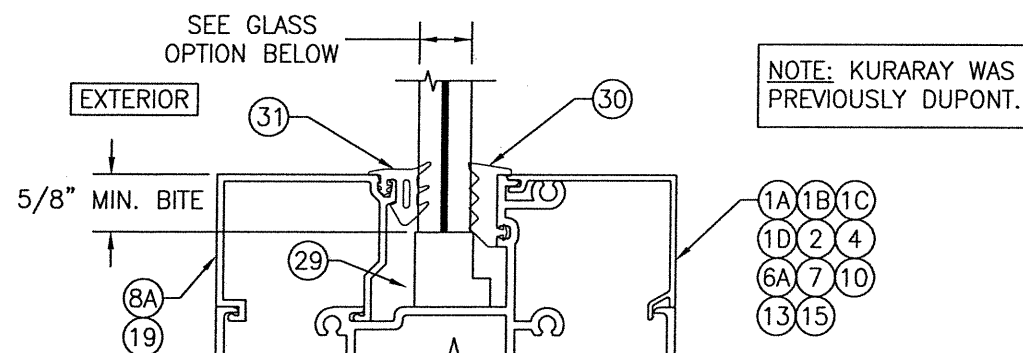


DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 01/27/09	
NO.	REVISION	DESCRIPTION	DATE
1			
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10			
DRAWING TITLE: IR500 ALUMINUM STORE FRONT SYSTEM - LARGE MISSILE IMPACT			
MANUFACTURER: KAWNEER COMPANY, INC.			
555 GUTHRIE COURT			
NORCROSS, GA 30092			
770-449-5555			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)			
7480 150TH COURT NORTH			
PALM BEACH GARDENS, FL 33418			
PHONE: 561-744-3424			
CERTIFICATION: MAR 08 2021			
WARREN W. SCHAEFER, P.E.			
P.E. NO. 44135			
DRAWING NO. 1633		REV. C	
SHEET NO. 6		OF 10	



OPTIONAL DIRECT MOUNT DETAIL TO SUBSTRATE WITH SPACER

* HEAD SECTION SHOWN WITH HEAD FRAME PART #1B; SILL & SIDES WITH OTHER APPLICABLE FRAME PARTS MAY BE INSTALLED THE SAME (NOT APPLICABLE WITH STRAP ANCHOR INSTALLATIONS). (FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)



TYP. GLAZING DETAIL (DRY GLAZED: SINGLE GLAZING BEAD CONDITION)

GLASS OPTION (DRY GLAZED):

OPTION 5: 9/16" THICK LAMINATED GLASS (1/4" HT. ST./0.09 KURARAY SG/1/4" HT. ST.)

DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 01/27/09
DATE	BY
REVISION DESCRIPTION	NO.
DRAWING TITLE: IR500 ALUMINUM STORE FRONT SYSTEM - LARGE MISSILE IMPACT	
MANUFACTURER: KAWNEER COMPANY, INC. 555 GUTHRIE COURT NORCROSS, GA 30092 770-449-5555	
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
CERTIFICATION	MAR 08 2021
DRAWING NO. 1633	REV. C
SHEET NO. 8 OF 10	

5" MAX.

DOOR SILL

SILL ANCHOR

ANCHOR TYPE "F"

SILL ANCHOR BLOCK

ANCHOR TYPE F

(3 ANCHORS PER SILL ANCHOR BLOCK)

5" MAX.

DOOR SILL

SILL ANCHOR

3

10

1" MIN.

11

SILL ANCHOR BLOCK

ANCHOR TYPES "B" & "D"

ANCHOR TYPE B

(4 ANCHORS PER SILL ANCHOR BLOCK)

5" MAX.

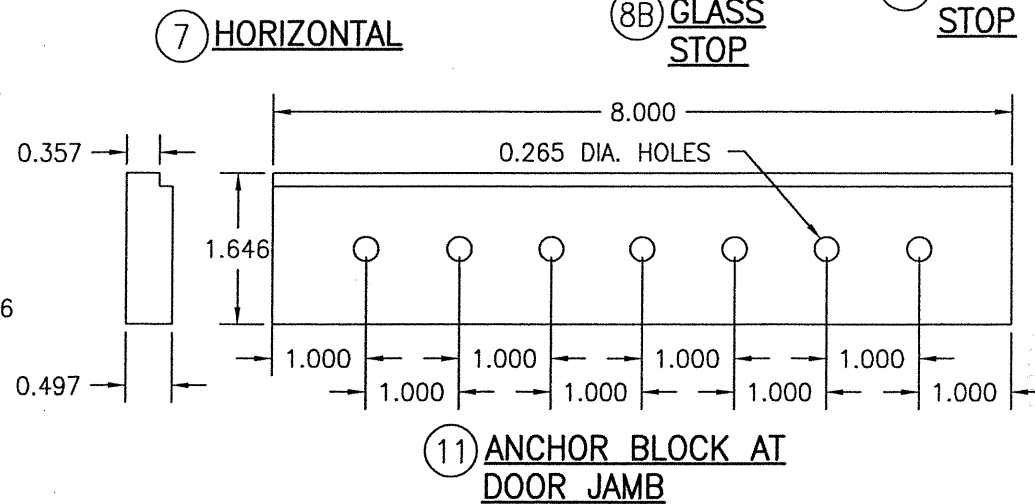
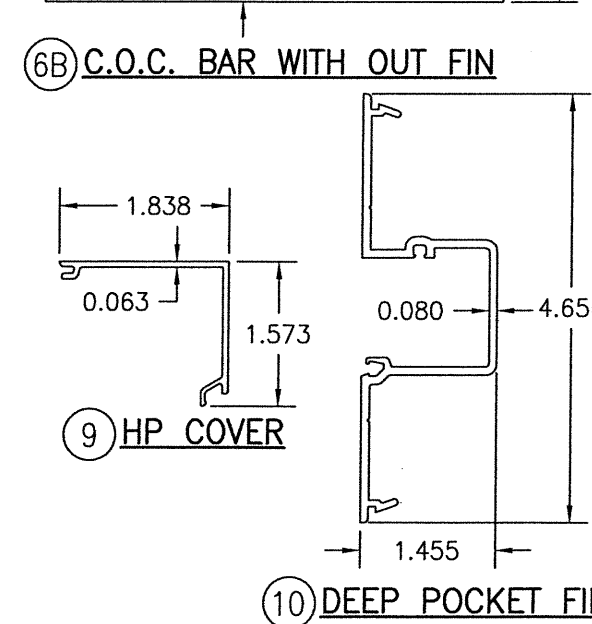
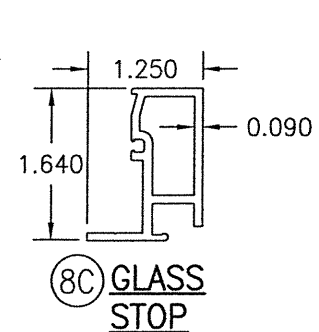
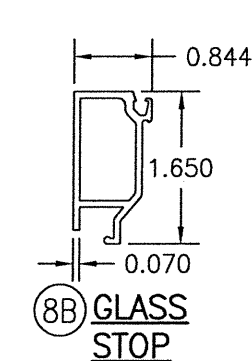
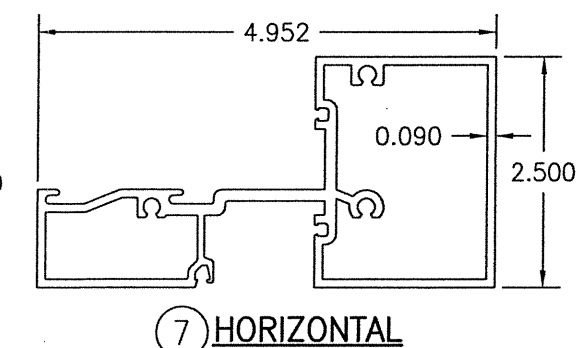
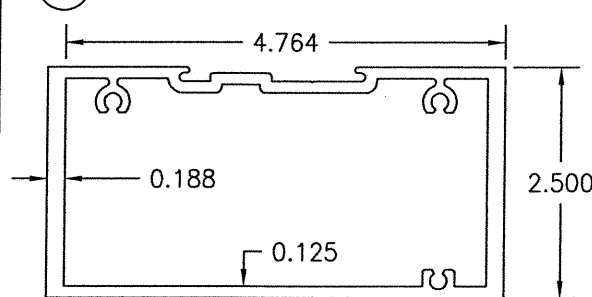
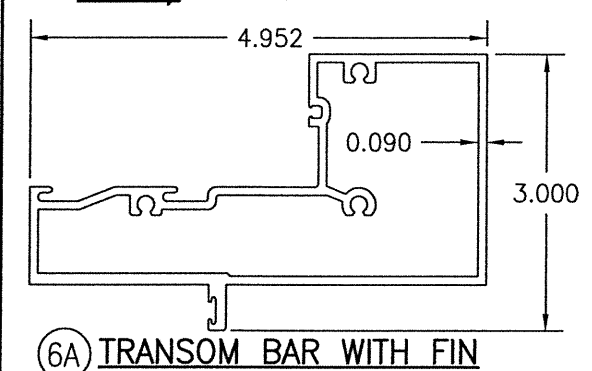
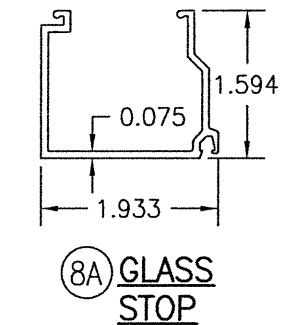
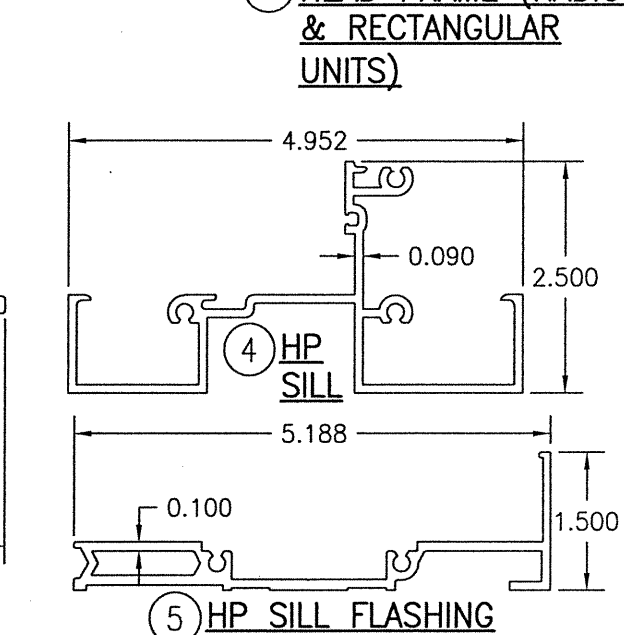
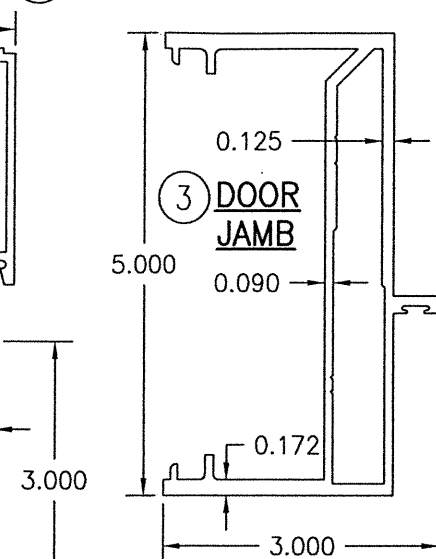
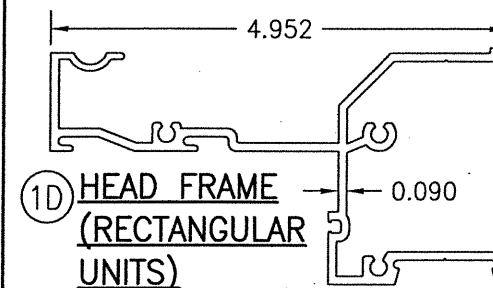
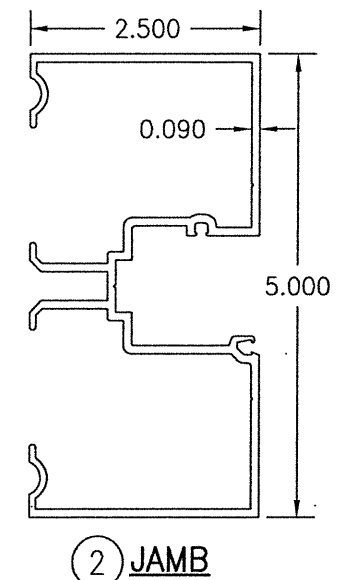
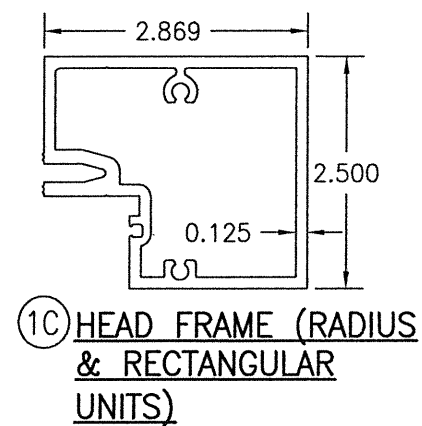
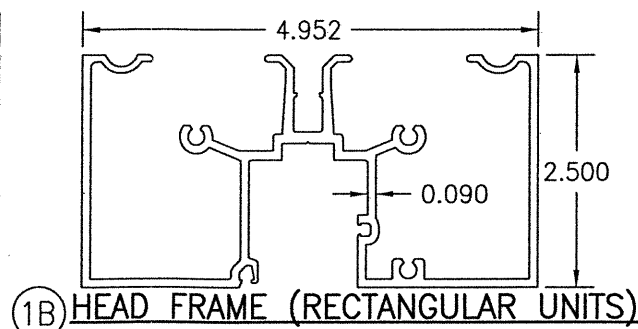
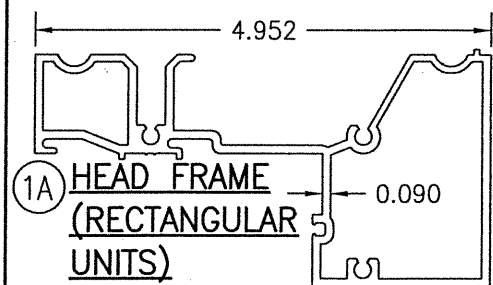
DOOR SILL

SILL ANCHOR

ANCHOR TYPE "A"

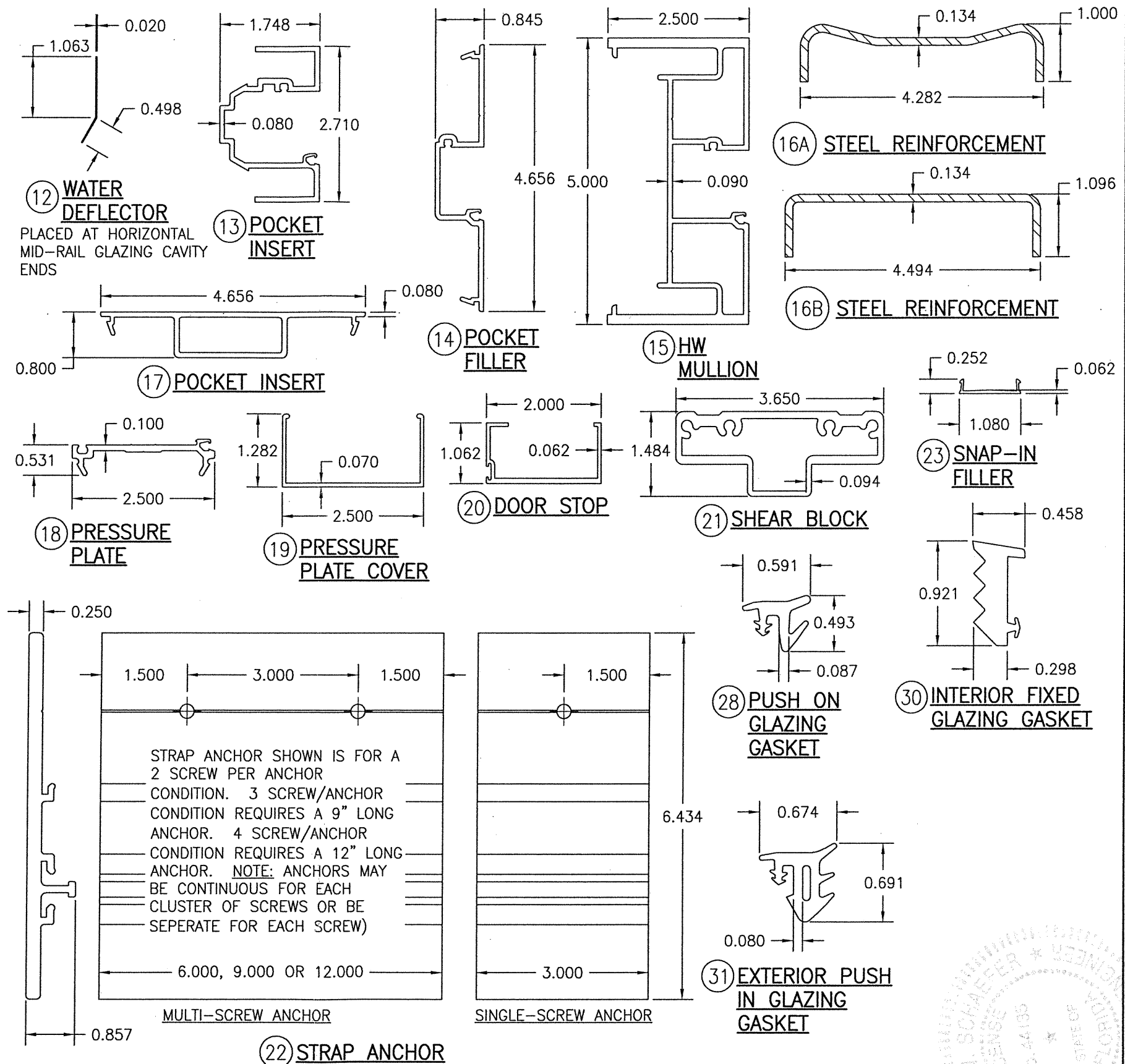
SILL ANCHOR BLOCK

ANCHOR TYPES A & D
(7 ANCHORS PER SILL ANCHOR BLOCK)



CERTIFICATION MAR 08 2021 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	DRAWING NO.	1633	REV.	C	SHEET NO. 9 OF 10							
	DRAWING TITLE											
	IR500 ALUMINUM STORE FRONT SYSTEM - LARGE MISSILE IMPACT											
	CONSULTANTS				MANUFACTURER							
	W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)				KAWNEER COMPANY, INC.							
	7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424				555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555							

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS		
1A	HEAD FRAME (RECTANGULAR UNITS)	6063-T6 ALUMINUM
1B	HEAD FRAME (RECTANGULAR UNITS)	6063-T6 ALUMINUM
1C	HEAD FRAME (RADIUS & RECTANGULAR UNITS)	6063-T6 ALUMINUM
1D	HEAD FRAME (RECTANGULAR UNITS)	6063-T6 ALUMINUM
2	JAMB	6063-T6 ALUMINUM
3	DOOR JAMB	6063-T6 ALUMINUM
4	HP SILL	6063-T6 ALUMINUM
5	HP SILL FLASHING	6063-T6 ALUMINUM
6A	TRANSOM BAR WITH FIN	6063-T6 ALUMINUM
6B	C.O.C. TRANSOM BAR	6063-T6 ALUMINUM
7	HORIZONTAL	6063-T6 ALUMINUM
8A	GLASS STOP	6063-T6 ALUMINUM
8B	GLASS STOP	6063-T6 ALUMINUM
8C	GLASS STOP	6063-T6 ALUMINUM
9	HP COVER	6063-T6 ALUMINUM
10	DEEP POCKET FILLER	6063-T6 ALUMINUM
11	ANCHOR BLOCK AT DOOR JAMB	6063-T6 ALUMINUM
12	WATER DEFLECTOR	6063-T6 ALUMINUM
13	POCKET INSERT	6063-T6 ALUMINUM
14	POCKET FILLER	6063-T6 ALUMINUM
15	HW MULLION	6063-T6 ALUMINUM
16A	STEEL REINF.	A36 STEEL
16B	STEEL REINF.	A36 STEEL
17	POCKET INSERT	6063-T6 ALUMINUM
18	PRESSURE PLATE	6063-T6 ALUMINUM
19	PRESSURE PLATE COVER	6063-T6 ALUMINUM
20	DOOR STOP	6063-T6 ALUMINUM
21	SHEAR BLOCK	6063-T6 ALUMINUM (PART #450-140)
22	STRAP ANCHOR	6063-T6 ALUMINUM
23	SNAP-IN FILLER	6063-T6 ALUMINUM
SEALS AND SEALANTS		
25	DOOR BULB WEATHERING	ALCRYN
26	SILL TO FLASHING GASKET	CCN SPONGE
27	SLIDE IN SPACER	SANTOPRENE (PART #127-012)
28	STANDARD PUSH ON GLAZING GASKET	EPDM (DUROMETER = 70) (PART #027-074)
29	SETTING BLOCK	EPDM
30	INTERIOR FIXED GLAZING GASKET	EPDM (DUROMETER = SPONGE) (PART #127-146)
31	EXTERIOR PUSH IN GLAZING GASKET	EPDM (DUROMETER = 70) (PART #127-147)
32	GASKET	EPDM (DUROMETER = 70)
33	THERMAL SEPARATOR	EPDM (DUROMETER = 70)
34	SETTING BLOCK	EPDM
FASTENERS		
38	NO. 12 X 7/16" S.S. PHTF SCREW	1.5" & 4.5" FROM ENDS & 16 1/4" MAX. O.C.
39	NO. 12 X 5/8" S.S. PHTF SCREW	4" FROM ENDS (2 ROWS)
40	1/4" X 1" S.S. HWHTF SCREW	3" FROM ENDS & MAX. 9" O.C.
41	NO. 10 X 1/2" S.S. FHTF SCREW	3" FROM ENDS & MAX. 18" O.C.
42	NO. 10 X 1 5/8" S.S. FHTF SCREW	1" FROM ENDS; 4 GROUPED AT MID-SPAN; 16" MAX. BETWEEN
43	NO. 12 X 1 7/8" FHTF SCREW	4 PER SHEAR BLOCK
44	NO. 12 X 1" FHTF SCREW	3 PER SHEAR BLOCK



DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 01/27/09	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE: IR500 ALUMINUM STORE FRONT SYSTEM - LARGE MISSILE IMPACT			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		MANUFACTURER: KAWNEER COMPANY, INC. 555 GUTHRIE COURT NORCROSS, GA 30092 770-449-5555	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
CERTIFICATION: MAR 08 2021		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1633		REV. C	
SHEET NO. 10 OF 10			