

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. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH 2018 IBC REFERENCED STANDARDS AAMA 1304 & ASTM E330, E1886 & E1996 FOR LARGE MISSILE IMPACT PRODUCTS. ALL TESTING OF THIS PRODUCT TO STANDARDS LESS CURRENT THAN THOSE SPECIFIED IN THE 2018 IBC HAS BEEN DETERMINED EQUIVALENT TO THE MORE CURRENT VERSIONS OF THOSE STANDARDS REFERENCED IN THE 2018 IBC.
5. THIS PRODUCT HAS BEEN DESIGNED IN ACCORDANCE WITH AND MEETS THE REQUIREMENTS OF THE 2018 INTERNATIONAL BUILDING CODE (IBC).
6. IMPACT SHUTTERS ARE NOT REQUIRED WITH THIS PRODUCT.
7. 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.
8. 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 INTERNATIONAL BUILDING CODE, A DIRECTIONALITY FACTOR OF $KD = 0.85$ MAY BE APPLIED PER THE ASCE-7 STANDARD.
9. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL BE SEPARATED OR COATED AS REQUIRED TO AVOID CORROSION OF EITHER MATERIAL.
10. TO THE BEST OF OUR KNOWLEDGE, THE PRODUCT SHOWN HEREIN ARE QUALITY ASSURED BY AN APPROVED CERTIFICATION/QA ENTITY & SHALL BE LABELED IN ACCORDANCE WITH APPLICABLE STANDARDS. 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.
11. CERTIFICATION OF THIS PRODUCT SHALL BE CONSIDERED VOID IF THEY ARE INSTALLED WITHOUT A BUILDING PERMIT FROM THE APPLICABLE LOCAL BUILDING DEPARTMENT OR IF THEY ARE INSTALLED BY ANYONE OTHER THAN A LICENSED CONTRACTOR EXPERIENCED WITH INSTALLATIONS OF THIS TYPE OF PRODUCT.

CORNER & FRAME END CONSTRUCTION FOR SHEET 1 ELEVATIONS:

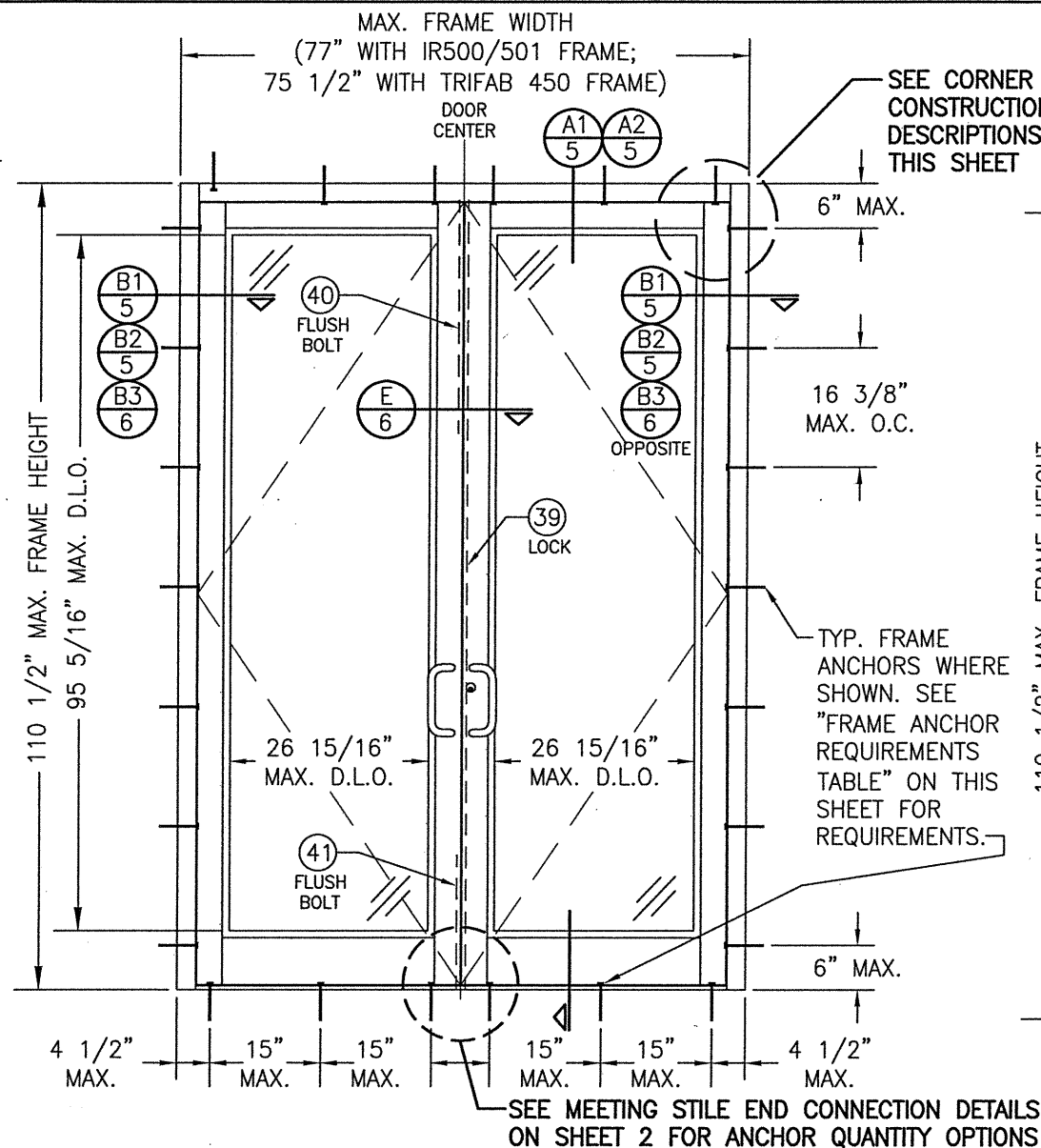
FRAME HEAD CORNER: HEAD IS SQUARE CUT, BUTTED TO SIDE, FASTENED WITH THREE (3) NO. 12 X 1" S.S. PHTFS FASTENERS THROUGH THE SIDE MEMBER INTO THE HEAD MEMBER SCREW SPLINES & SEALED WITH SILICONE.
FRAME SILL CORNER: SILL IS SQUARE CUT, BUTTED TO SIDE, SECURED TO THE SIDE MEMBER USING A PIVOT ASSEMBLY OR STEEL CLIP, FASTENED WITH THREE (3) NO. 12-24 X 3/8" FHMS AT THE FRAME & TWO (2) NO. 12-24 X 3/8" FHMS AT THE SILL, & SEALED WITH SILICONE.
DOOR PANEL CORNERS: VERTICAL STILES RUN THROUGH AND ARE SECURED TO THE RAILS AT THE TOP & BOTTOM WITH 1/4" THICK EXTRUDED CHANNELS. EACH CHANNEL IS FASTENED TO THE STILE & RAIL WITH 1/4-20 X 3/4" PHMS & 3/16" THICK STEEL NUT PLATES. THE INTERSECTION OF EACH CORNER JOINT WAS WELDED WITH A 1/2" DIA. PLUG WELD AND A 1 1/8" LONG FILLET WELD AT BOTH WEBS OF THE RAIL.

EVALUATION OF THIS PRODUCT IS BASED ON APPLICABLE STANDARDS AND/OR INFORMATION & RESULTS FROM APPLICABLE TEST REPORTS. THE 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, 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.

FRAME ANCHOR REQUIREMENTS TABLE

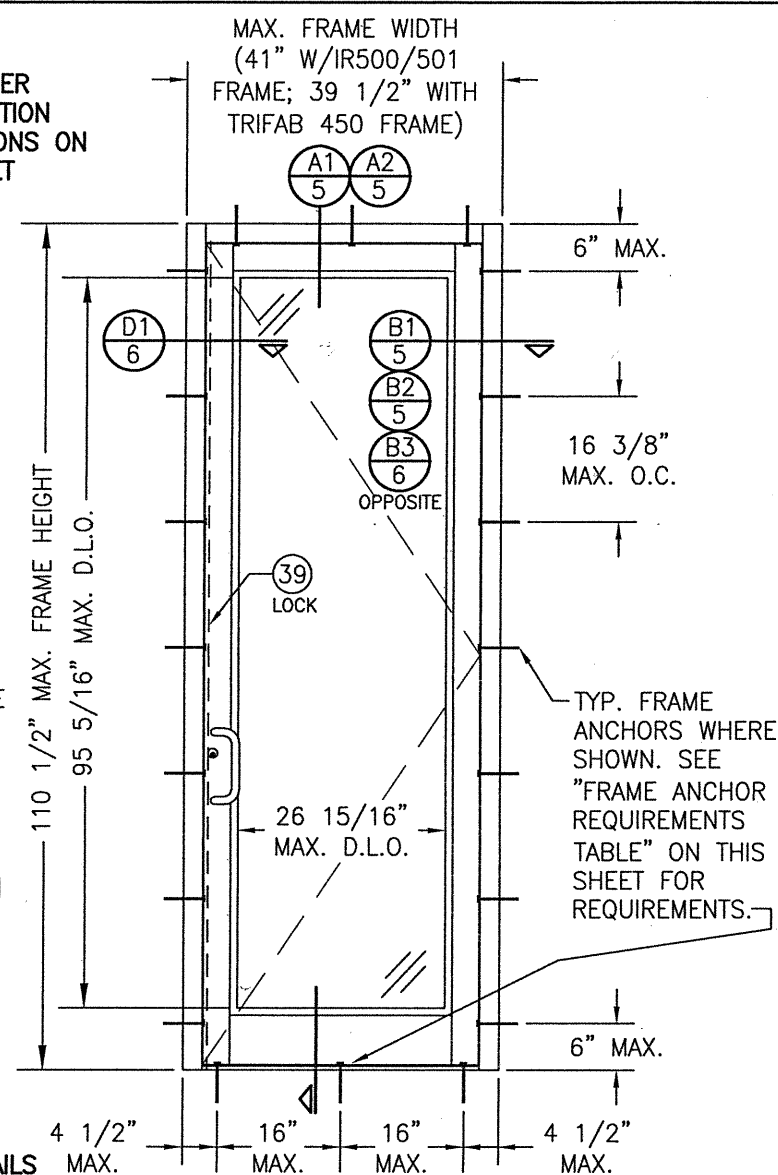
FRAME SHEAR SCREWS				
ANCHOR TYPE	OPENING TYPE (SUBSTRATE)	FRAME/CLIP/NAIL FIN TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
A	(4) MIN. 2X6 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 12 SMS OR WOOD SCREW	1 1/4"	3/4"
B	MIN. 18 GA. 33 KSI METAL STUD	(2) NO. 12 GR. 5 SELF TAP/DRILLING SCREW	FULL	1/2"
C	MIN. 0.22" THICK A36 STEEL	(2) 1/4-14 SELF DRILL/TAPPING SCREW	FULL	1/2"
D	MIN. 0.1" THK 6063-T6 ALUM. /CURTAIN WALL	(2) 1/4-14 SELF DRILL/TAPPING SCREW	FULL	1/2"
E	(3) C-90 CMU/3000 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 3/4"	2"

- (1) CONCRETE SCREWS SHALL BE ELCO ULTRACONS (C.S.), ELCO CRETE-FLEX (S.S.), ITW RAMSET/RED HEAD TAPCONS (C.S. OR S.S.) OR HILTI KWIK-CON II (C.S OR S.S.).
- (2) SELF DRILLING & SELF TAPPING SCREWS SHALL BE MIN. GRADE 5 CORROSION RESISTANT STEEL
- (3) C-90 CMU IS ONLY APPLICABLE AT SIDES OF DOOR OPENING (NOT APPLICABLE TO HEAD & SILL)
- (4) WOOD FRAME OR BUCK MEMBERS MAY BE RIPPED DOWN TO A MINIMUM 4 1/2" DEPTH.



EXTERIOR ELEVATION; DOUBLE DOOR WITH STORE FRONT FRAMING & STANDARD INSTALLATION

SCALE: 1/2" = 1'-0"
(APPLICABLE WITH ALL HINGE TYPES)



EXTERIOR ELEVATION; SINGLE DOOR WITH STORE FRONT FRAMING & STANDARD INSTALLATION

SCALE: 1/2" = 1'-0"
(APPLICABLE WITH ALL HINGE TYPES)

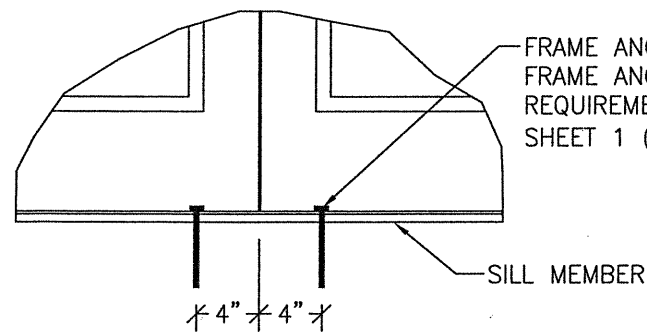
LOCK OPTION 1 IS SHOWN IN THESE ELEVATIONS. LOCK OPTIONS 2, 3 & 4 ALSO APPLY. SEE ELEVATIONS ON SHEET 2 FOR LOCK OPTIONS 2, 3 & 4.

ALLOWABLE DESIGN PRESSURE
+/-65 PSF

NOTE: THESE DOOR UNITS ARE NOT APPROVED FOR USE WHERE WATER INFILTRATION RESISTANCE IS REQUIRED BY THE DOOR UNLESS THE UNITS ARE INSTALLED IN NON-HABITABLE AREAS WHERE THE UNIT & THE AREA ARE DESIGNED TO ACCEPT WATER INFILTRATION OR THE UNITS ARE INSTALLED AT LOCATIONS PROTECTED BY A CANOPY OR OVERHANG WHERE-BY THE OVERHANG(OH) RATIO IS EQUAL TO OR MORE THAN 1.0.

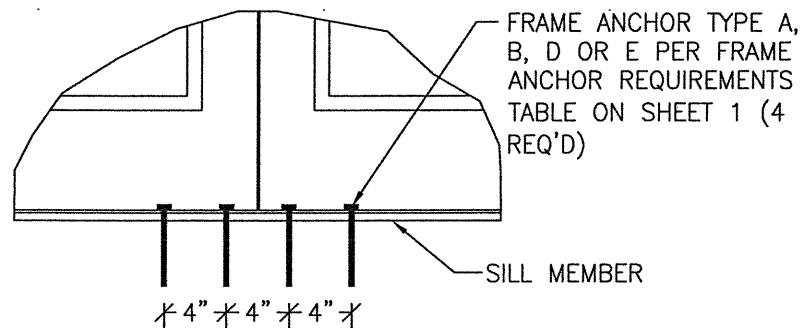
THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR RATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER SHOWN ON THESE DRAWINGS.

DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1=24	DATE: 03/08/21
DATE	BY
NO.	REVISION DESCRIPTION
JOB INFORMATION: 350IR 9' OUTSWING ALUMINUM STOREFRONT DOORS - LMI	
KAWNEER COMPANY, INC. 555 GUTHRIE COURT NORCROSS, GA 30092 770-449-5555	
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (REG. NO. F-14980) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
DRAWING TITLE: 350IR 9' OUTSWING ALUMINUM STOREFRONT DOORS - LMI	
CERTIFICATION: WARREN W. SCHAEFER P.E. NO. 113497 MAR 08 2021	
DRAWING NO. 1569T	REV.
SHEET NO. 1	OF 9



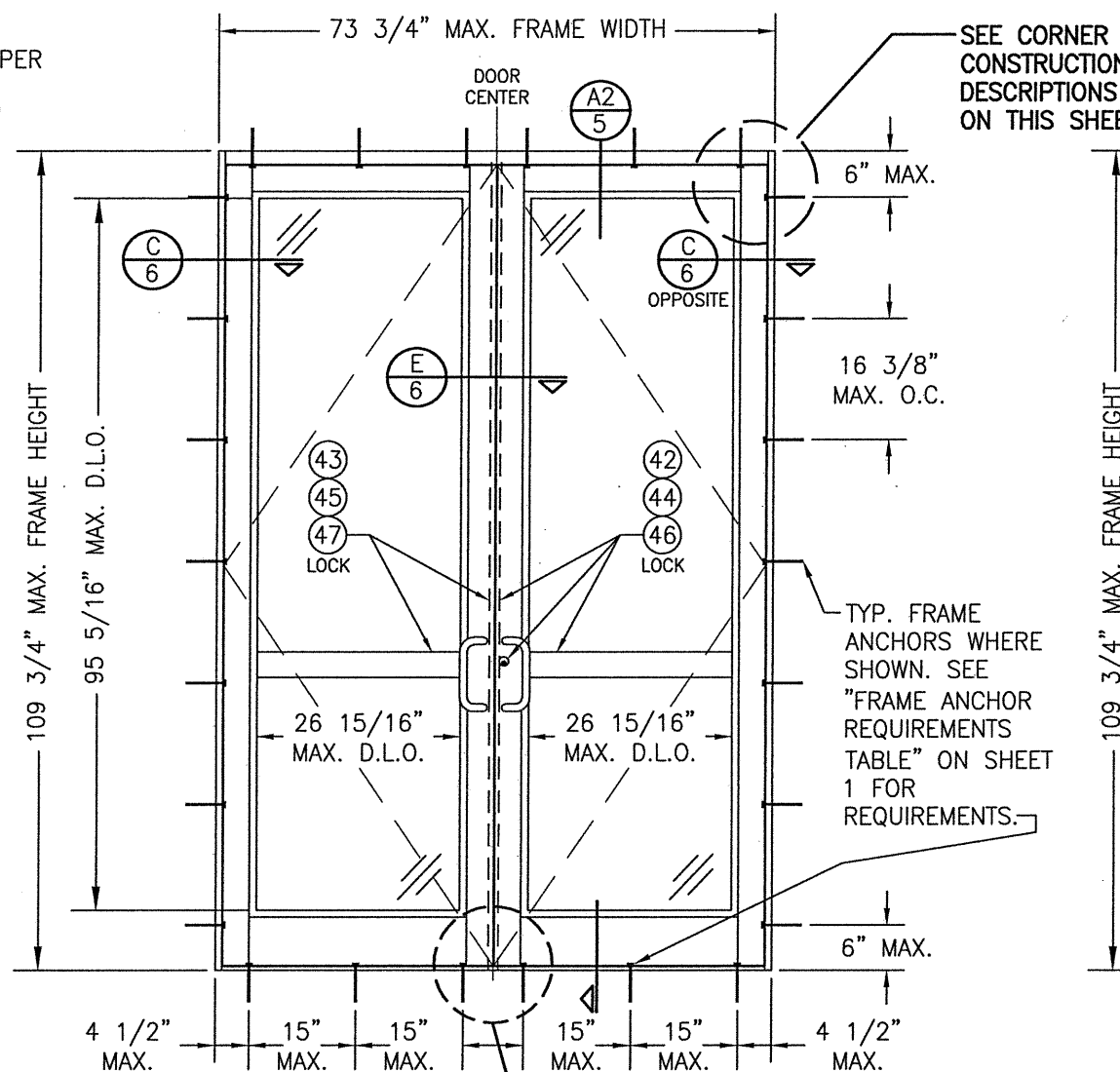
**MEETING STILE END CONNECTION
(ANCHOR TYPE C)**

(SILL CONDITION SHOWN; HEAD CONDITION IS SAME)



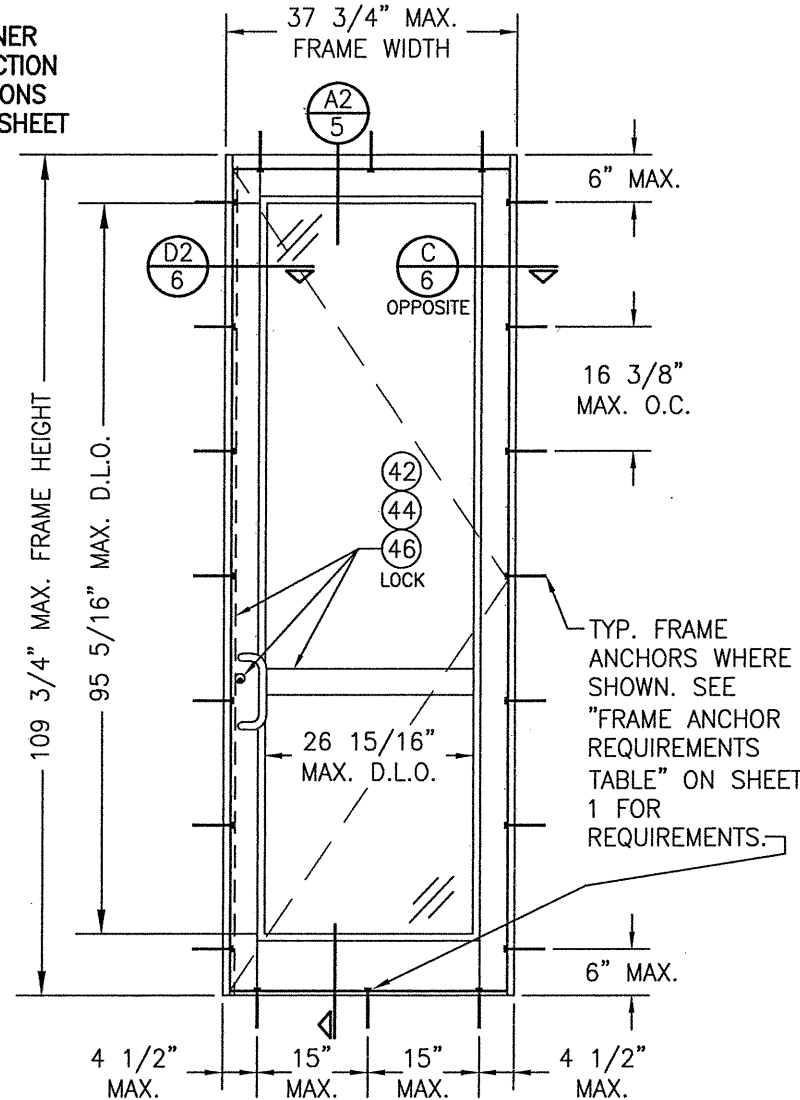
**MEETING STILE END CONNECTION
(ANCHOR TYPE A, B, D OR E)**

(SILL CONDITION SHOWN; HEAD CONDITION IS SAME)



**EXTERIOR ELEVATION:
DOUBLE DOOR WITH STANDARD FRAMING &
STANDARD INSTALLATION**

SCALE: 1/2" = 1'-0"
(APPLICABLE WITH ALL HINGE TYPES)



**EXTERIOR ELEVATION:
SINGLE DOOR WITH STANDARD
FRAMING & STANDARD INSTALLATION**

SCALE: 1/2" = 1'-0"
(APPLICABLE WITH ALL HINGE TYPES)

LOCK OPTIONS 2, 3 & 4 ARE SHOWN IN THESE ELEVATIONS. LOCK OPTION 1 ALSO APPLIES. SEE ELEVATIONS ON SHEET 1 FOR LOCK OPTION 1.

ALLOWABLE DESIGN PRESSURE
+/-65 PSF

CORNER & FRAME END CONSTRUCTION FOR SHEET 2 ELEVATIONS:

FRAME HEAD CORNER: HEAD IS SQUARE CUT, BUTTED TO SIDE, SECURED WITH SHEAR BLOCK ITEM# 16 (SEE SECTION A2/5) & SEALED WITH SILICONE.

FRAME SILL CORNER: SILL IS SQUARE CUT, BUTTED TO SIDE, SECURED TO THE SIDE MEMBER USING A PIVOT ASSEMBLY OR STEEL CLIP, FASTENED WITH THREE (3) NO. 12-24 X 3/8" FHMS AT THE FRAME & TWO (2) NO. 12-24 X 3/8" FHMS AT THE SILL, & SEALED WITH SILICONE.

DOOR PANEL CORNERS & MIDRAIL ENDS: SEE SHEET 1 CORNER DESCRIPTIONS.

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PLOT: 1-24	DATE: 03/08/21
DATE	BY
REVISION DESCRIPTION	
NO.	

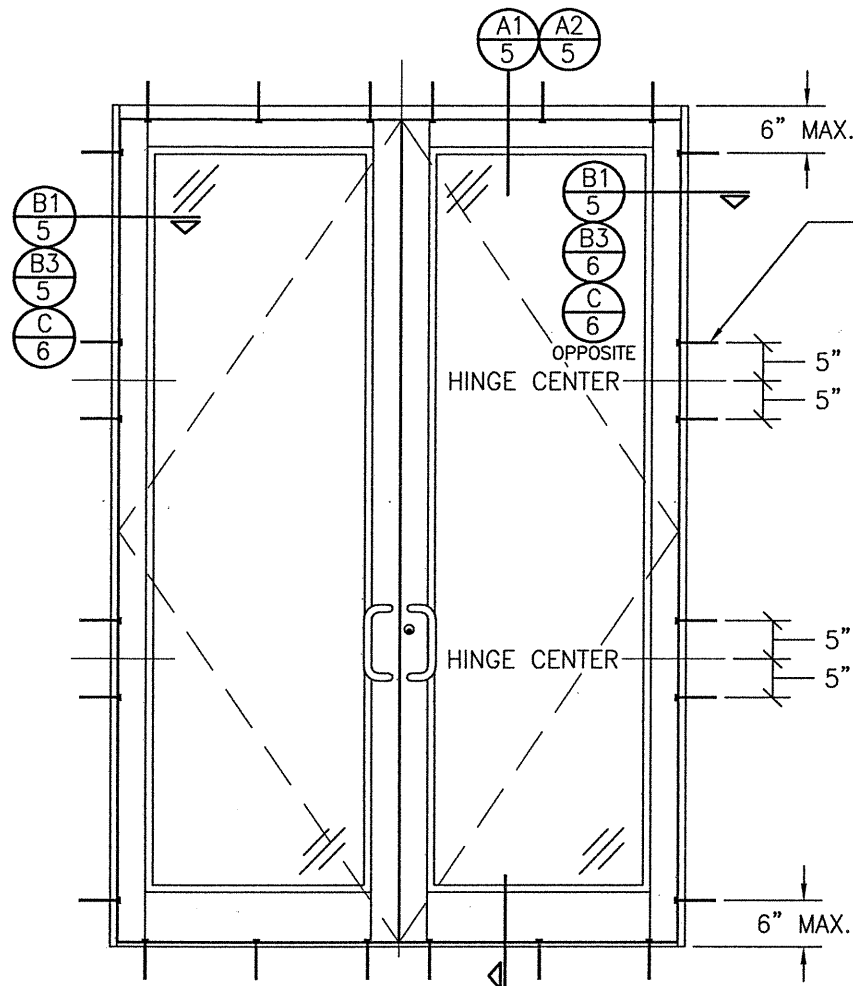
JOB INFORMATION:
350IR 9' OUTSWING ALUMINUM STOREFRONT DOORS - LMI
KAWNEER COMPANY, INC.
555 GUTHRIE COURT
NORCROSS, GA 30092
770-449-5555

CONSULTANTS:
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (REG. NO. F-14980)
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. 113497

DRAWING NO. 1569T	REV.
SHEET NO. 2	OF 9

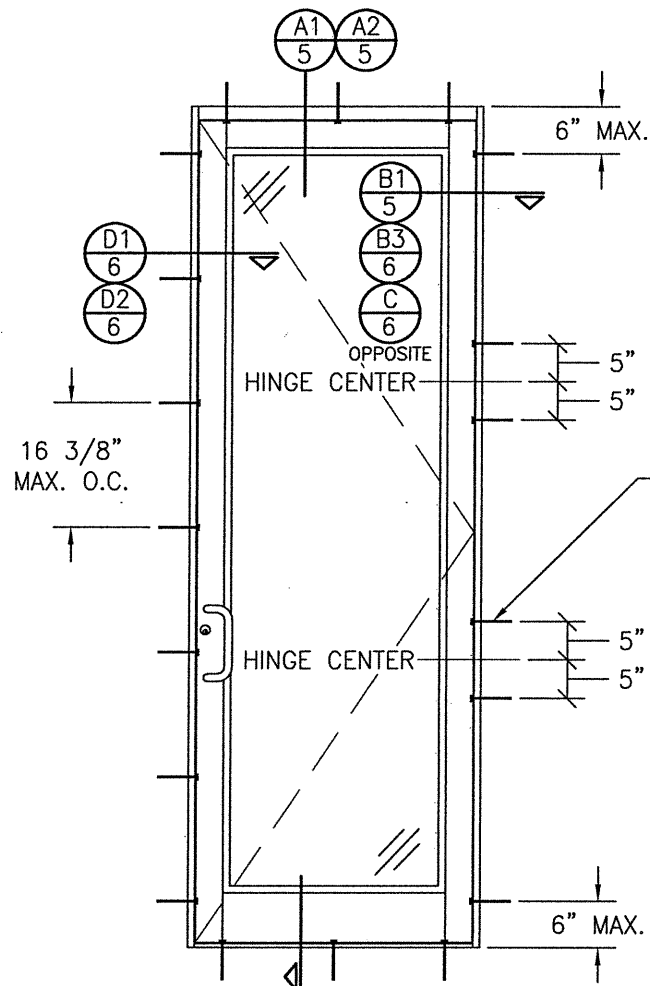




**EXTERIOR ELEVATION:
DOUBLE DOOR WITH ALTERNATE
INSTALLATION CONDITION**

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

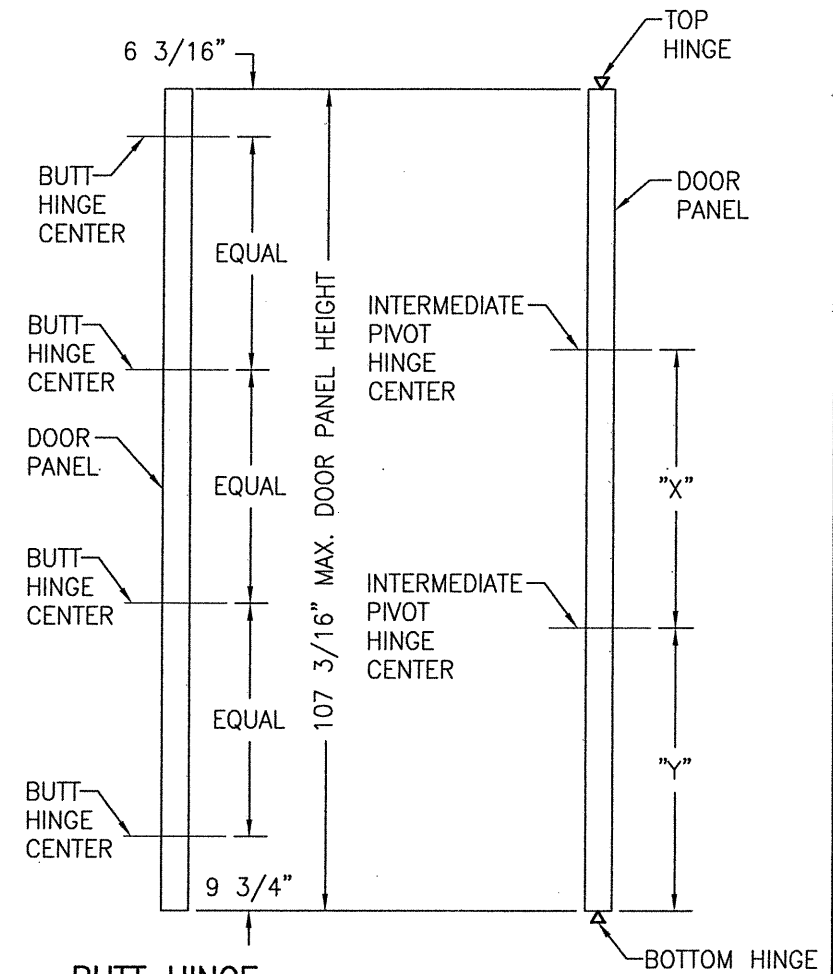
(APPLICABLE WITH BUTT & PIVOT HINGE DOORS ONLY)
(FOR DOOR DETAIL & HARDWARE NOT SHOWN, SEE
ELEVATIONS ON SHEETS 1 & 2)
(ELEVATION SHOWN WITH STANDARD FRAMING.
STOREFRONT FRAMING ALSO APPLIES)



**EXTERIOR ELEVATION:
SINGLE DOOR WITH ALTERNATE
INSTALLATION CONDITION**

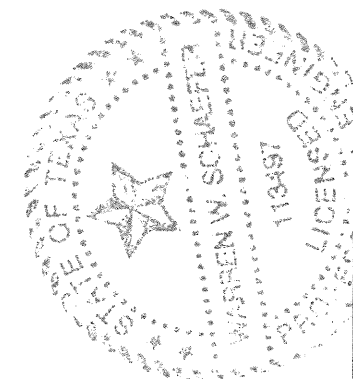
SCALE: 1/2" = 1'-0"

(APPLICABLE WITH BUTT & PIVOT HINGE DOORS ONLY)
(FOR DOOR DETAIL & HARDWARE NOT SHOWN, SEE
ELEVATIONS ON SHEETS 1 & 2)
(ELEVATION SHOWN WITH STANDARD FRAMING.
STOREFRONT FRAMING ALSO APPLIES)

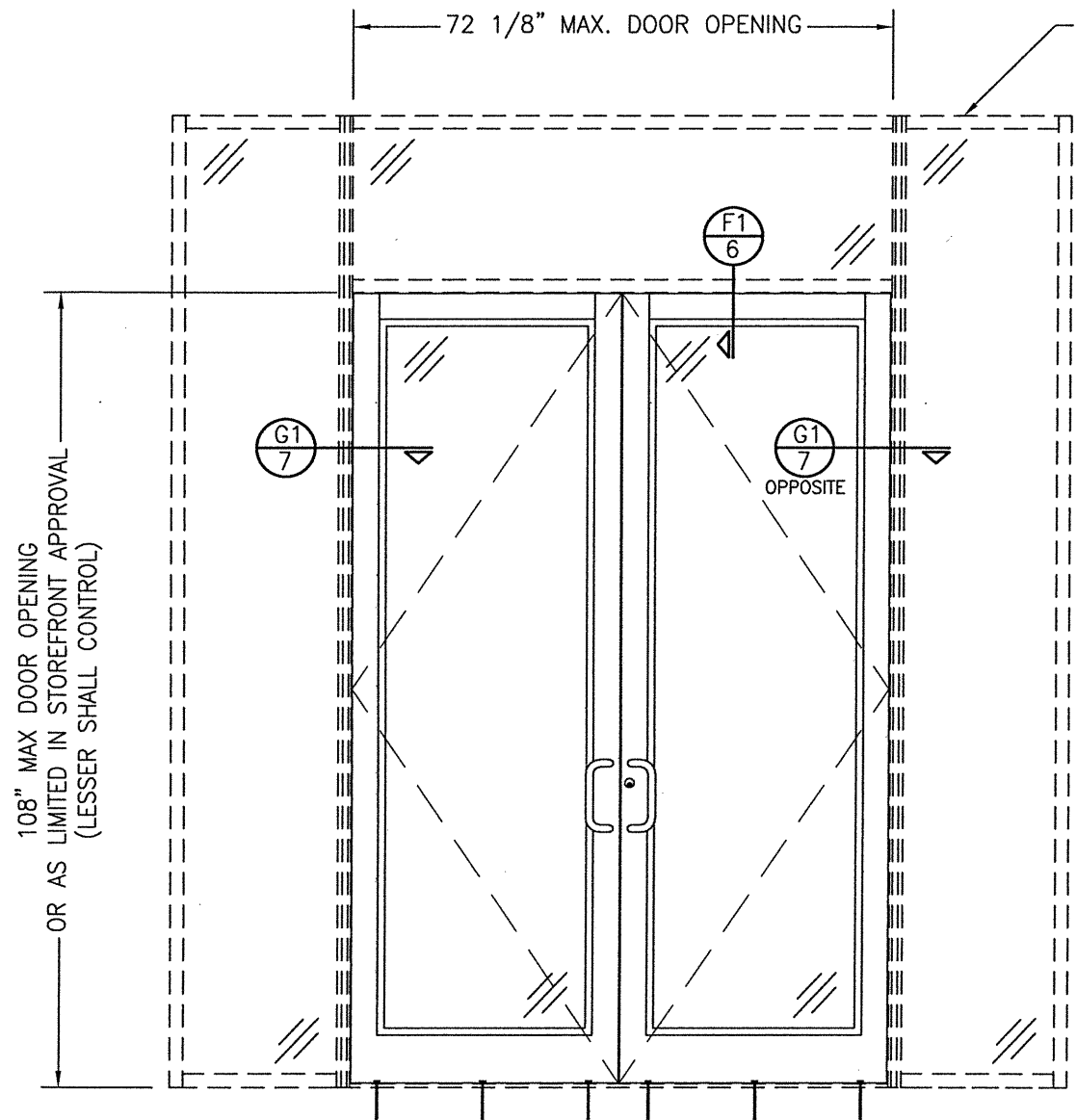


**BUTT HINGE
LOCATION DIAGRAM**
SCALE: 1/2" = 1'-0"

**PIVOT HINGE
LOCATION DIAGRAM**
SCALE: 1/2" = 1'-0"
"X" = DOOR PANEL
HEIGHT/2 - 17 3/8"
"Y" = "X" + 3/4"



DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 03/08/21	
DATE	BY	REVISION DESCRIPTION	NO.
JOB INFORMATION: 350IR 9' OUTSWING ALUMINUM STOREFRONT DOORS - LMI KAWNEER COMPANY, INC. 555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (REG. NO. F-14980) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
DRAWING TITLE			
CERTIFICATION MAR 08 2021 WARREN W. SCHAEFER, P.E. P.E. NO. 113497			
DRAWING NO. 1569T		REV.	
SHEET NO. 3 OF 9			



EXTERIOR ELEVATION
DOORS INSIDE TRIFAB 450, IR-500 OR IR-501
STORE FRONT SYSTEM

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

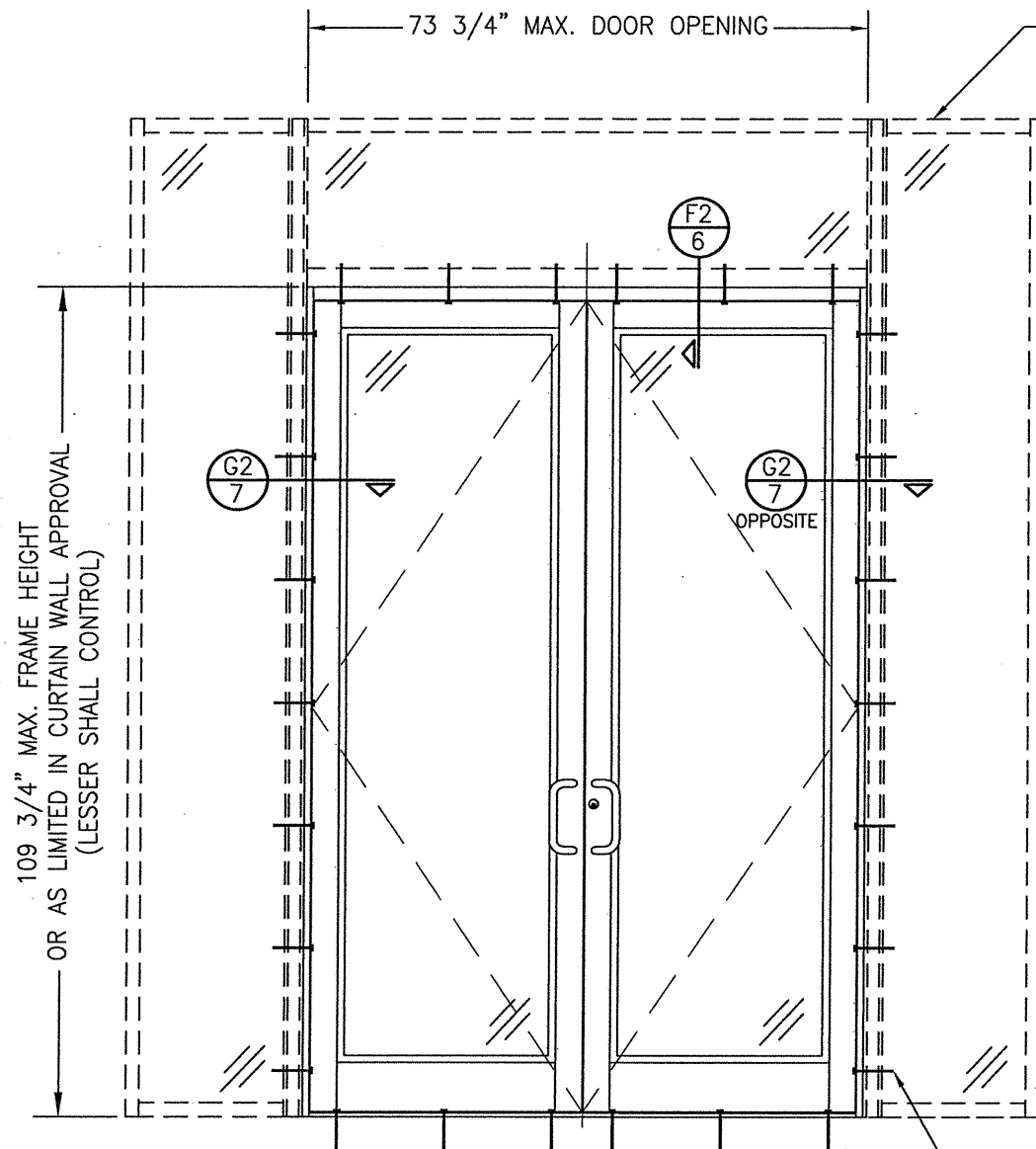
NOTES:

1. FOR DETAILS NOT SHOWN, SEE ELEVATIONS ON SHEETS 1 & 3.
2. DOUBLE DOOR SHOWN; SINGLE DOOR CONDITION ALSO APPLIES.
3. FOR STORE FRONT FRAMING REQUIREMENTS & INSTALLATION, SEE RESPECTIVE STORE FRONT APPROVAL.
4. LESSER ALLOWABLE PRESSURE RATING OF THE DOORS & STOREFRONT SHALL CONTROL FOR THE OVERALL ASSEMBLY.

ALLOWABLE DESIGN PRESSURE

+/-65 PSF

SEE ELEVATIONS ON SHEET 1
 OR 2 FOR SILL ANCHOR
 REQUIREMENTS & POSITIONS



EXTERIOR ELEVATION
DOORS INSIDE 1600 SYSTEM 1 CURTAIN WALL

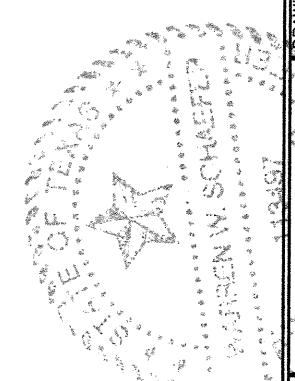
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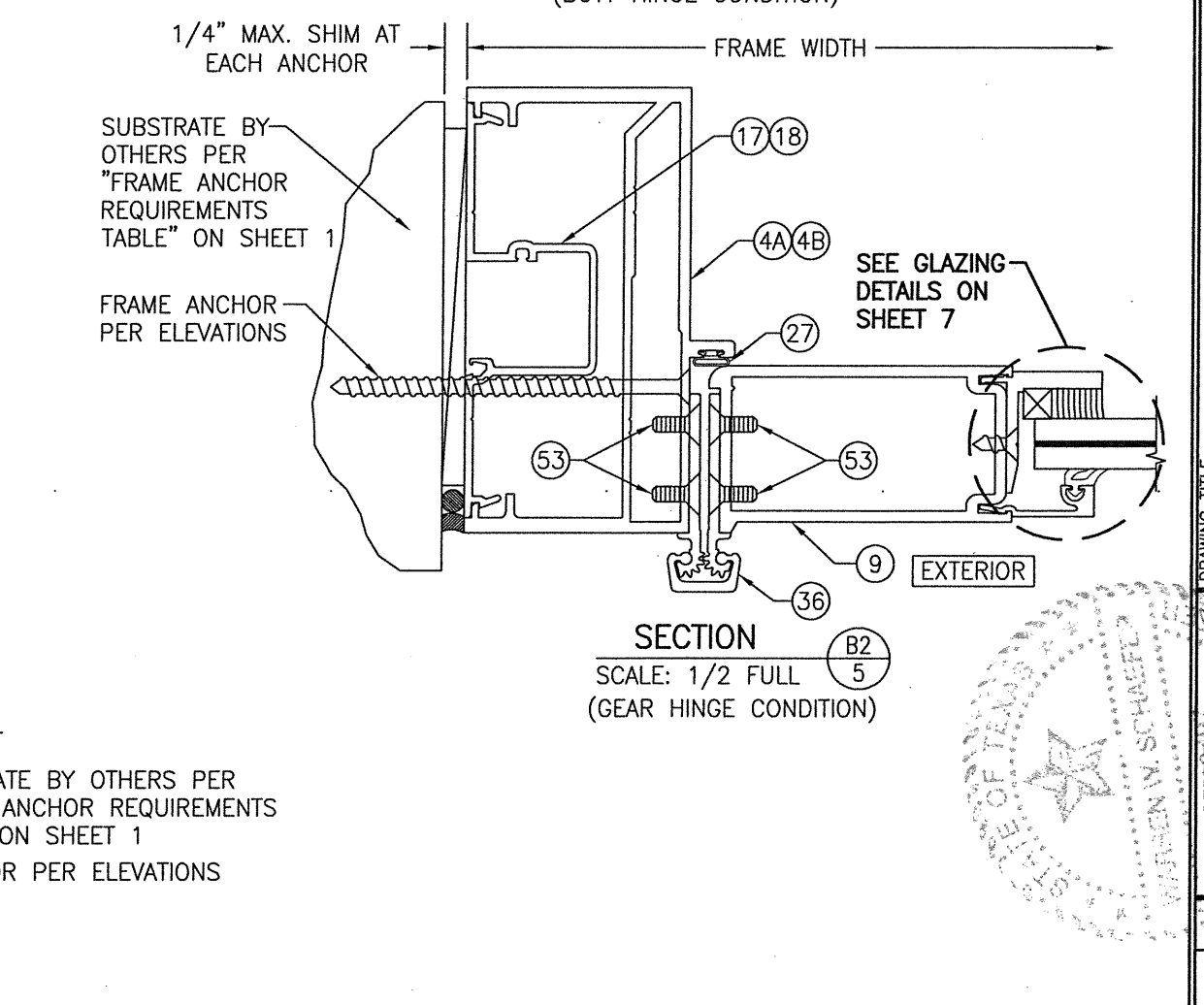
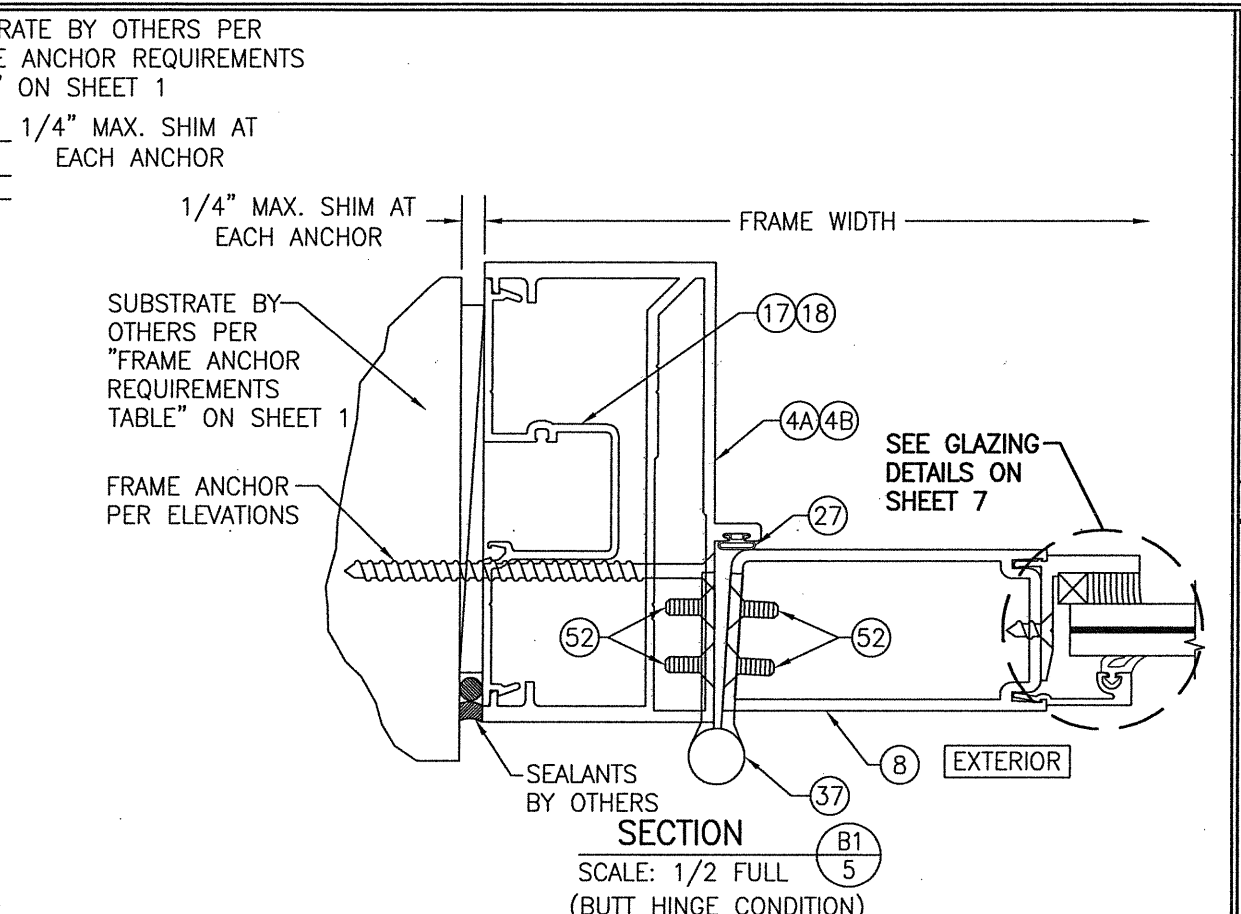
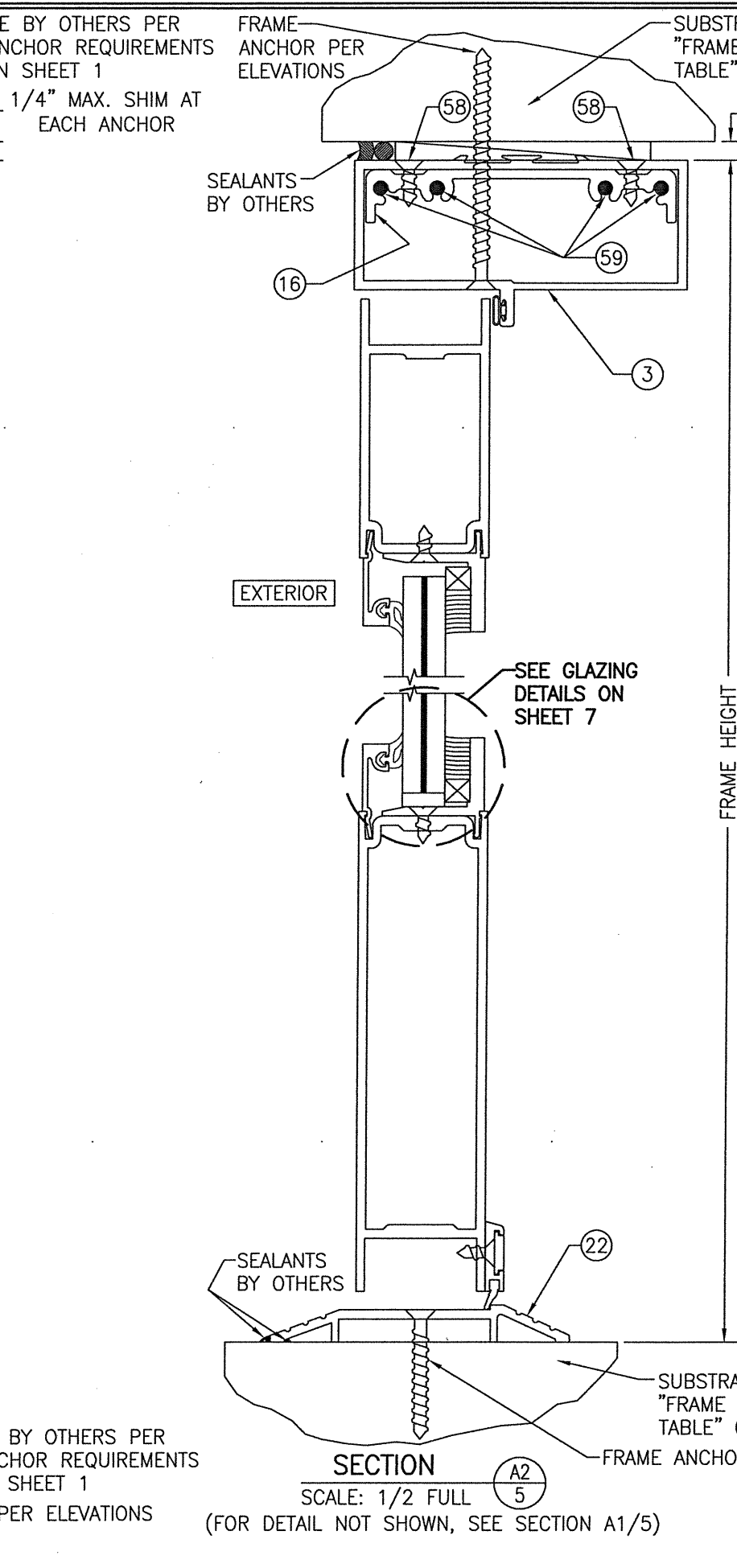
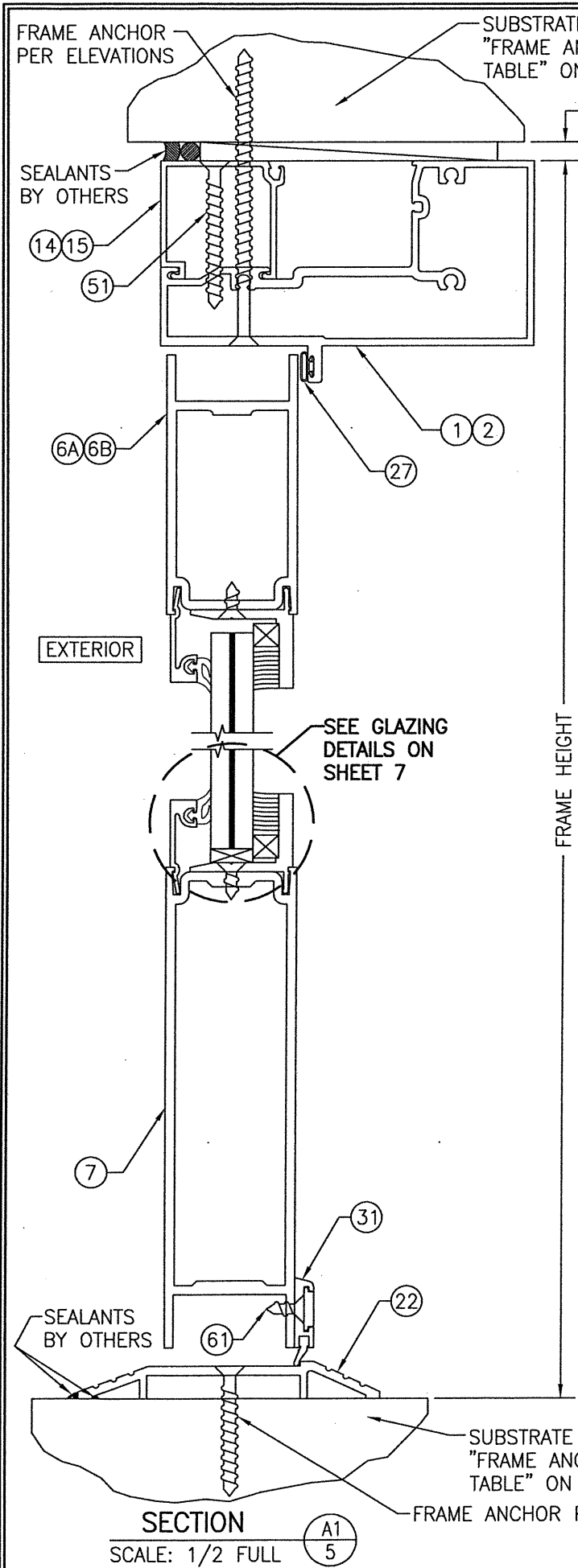
NOTES:

1. FOR DETAILS NOT SHOWN, SEE ELEVATIONS ON SHEETS 2 & 3.
2. DOUBLE DOOR SHOWN; SINGLE DOOR CONDITION ALSO APPLIES.
3. FOR STORE FRONT FRAMING REQUIREMENTS & INSTALLATION, SEE RESPECTIVE STORE FRONT APPROVAL.
4. LESSER ALLOWABLE PRESSURE RATING OF THE DOORS & STOREFRONT SHALL CONTROL FOR THE OVERALL ASSEMBLY.

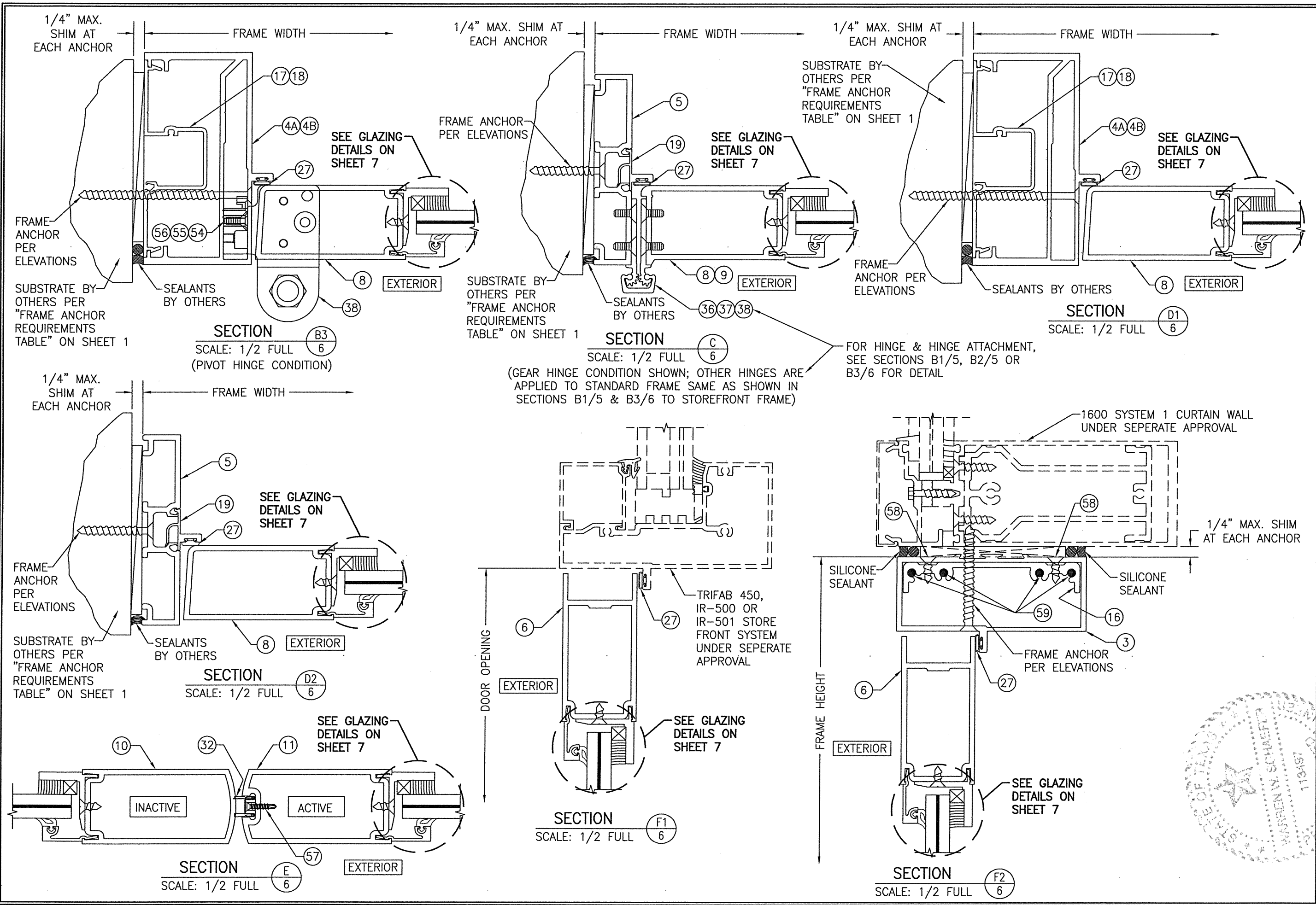
SEE ELEVATIONS ON SHEET 2
 FOR FRAME ANCHOR
 REQUIREMENTS & POSITIONS
 AROUND DOORS

DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 03/08/21	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: 350IR 9' OUTSWING ALUMINUM STOREFRONT DOORS - LMI CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (REG. NO. F-14980) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424 JOB INFORMATION: KAWNEER COMPANY, INC. 555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555			
CERTIFICATION MAR 08 2021 WARREN W. SCHAEFER, P.E. P.E. NO. 113497		DRAWING NO. 1569T SHEET NO. 4 OF 9	

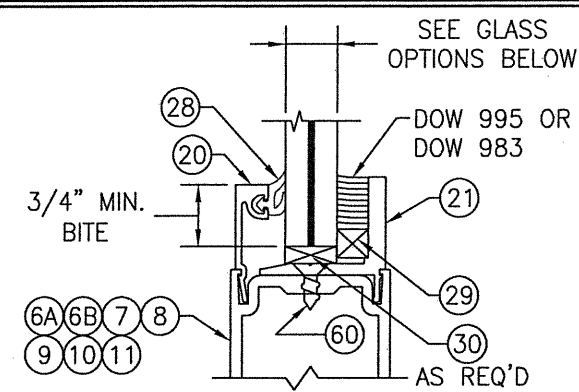
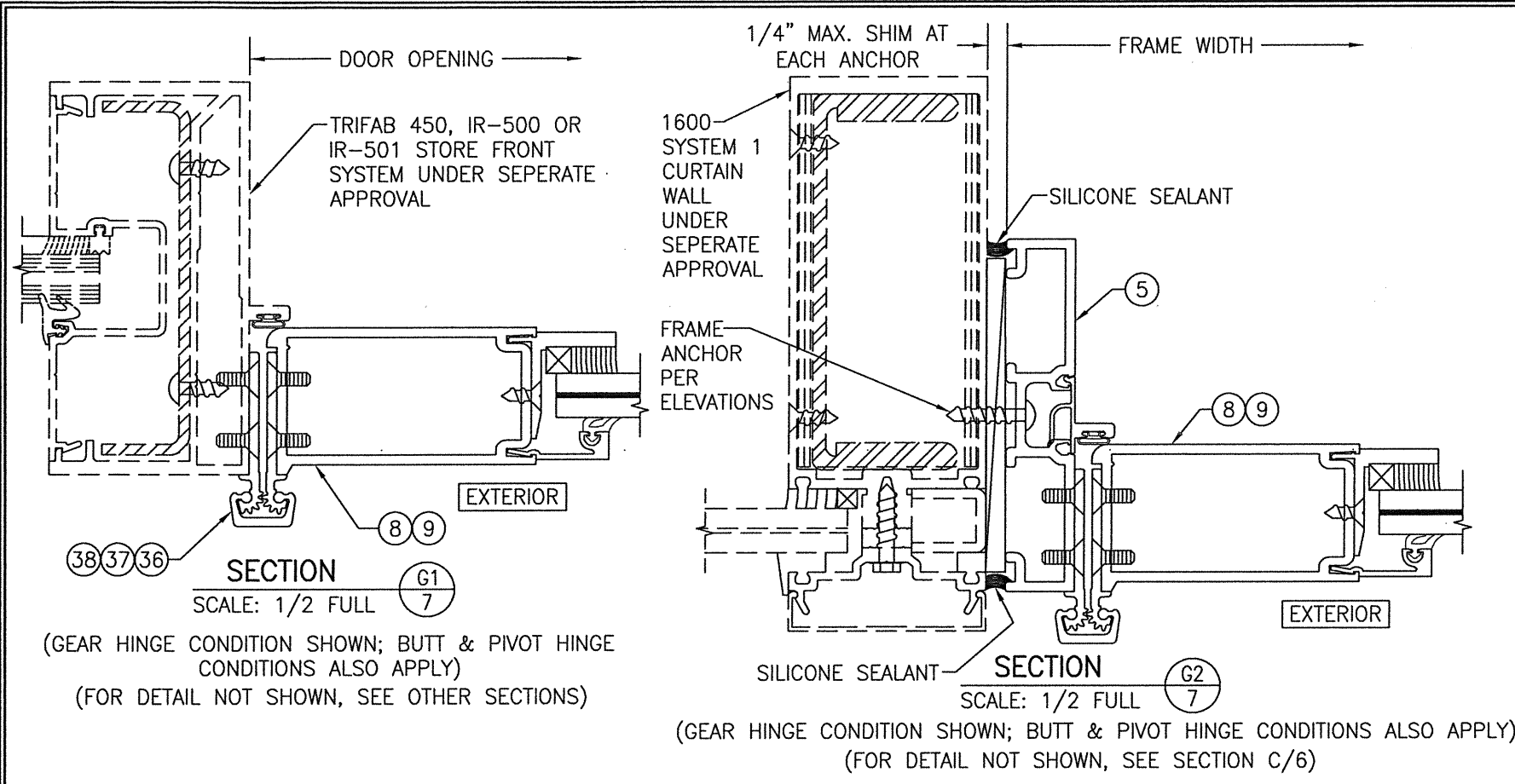




DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 03/08/21
DATE	
BY	
REVISION DESCRIPTION	
NO.	
DRAWING TITLE 350IR 9' OUTSWING ALUMINUM STOREFRONT DOORS - LMI	
JOB INFORMATION: KAWNEER COMPANY, INC. 555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (REG. NO. F-14980) 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. 119497	
DRAWING NO. 1569T	REV.
SHEET NO. 5	OF 9



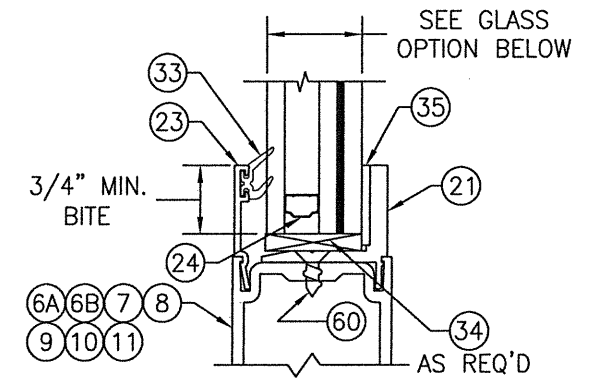
DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 03/08/21	
NO.	REVISION	DESCRIPTION	DATE
DRAWING TITLE: 350IR 9' OUTSWING ALUMINUM STOREFRONT DOORS - LMI			
JOB INFORMATION: KAWNEER COMPANY, INC. 555 GUTHRIE COURT NORCROSS, GA 30092 770-449-5555			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (REG. NO. F-14980) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
CERTIFICATION: MAR 08 2021 WARREN W. SCHAEFER P.E. NO. 113497			
DRAWING NO. 1569T		REV. 6 OF 9	
SHEET NO. 6		OF 9	



TYP. MONOLITHIC GLAZING DETAIL

GLASS OPTIONS FOR MONOLITHIC GLASS:

- OPTION 1: 9/16" THICK LAMINATED GLASS (1/4" HT. ST./0.100 EASTMAN CHEMICAL CO. SAFLEX/1/4" HT. ST.)
- OPTION 2: 9/16" THICK LAMINATED GLASS (1/4" HT. ST./0.090 EASTMAN CHEMICAL CO. SAFLEX/1/4" HT. ST.)

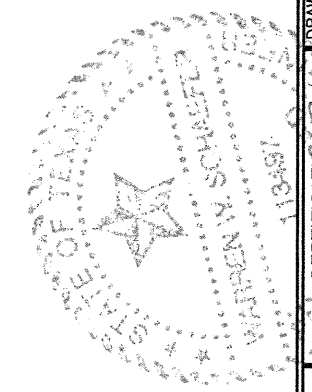


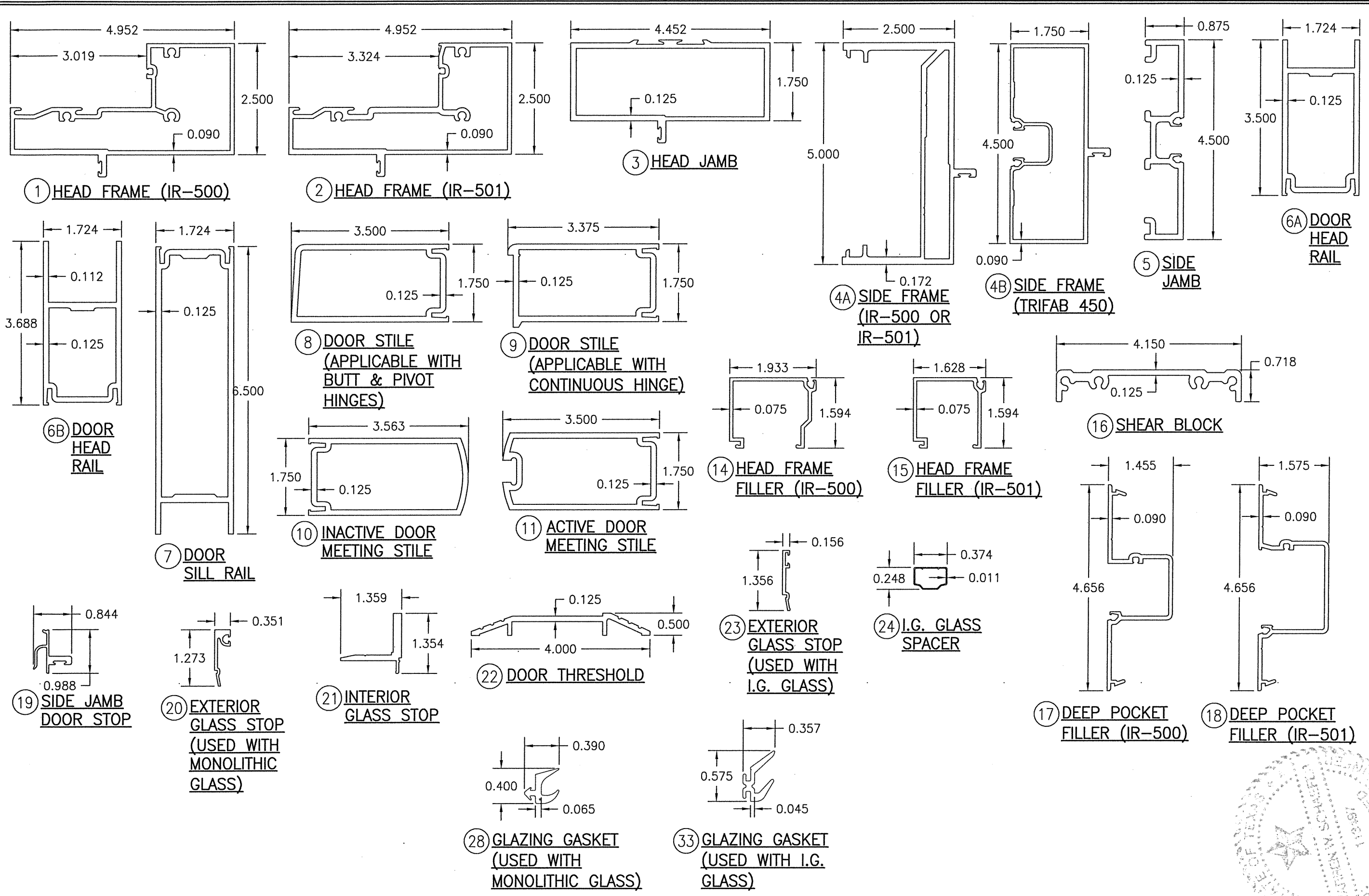
TYP. I.G. GLAZING DETAIL


GLASS OPTIONS FOR IG GLASS:

- OPTION 3: 1" THICK I.G LAMINATED GLASS (3/16" TEMP EXTERIOR; 3/8" AIR SPACE; 3/16" HT. ST./0.090" KURARAY SG/3/16" HT. ST. INTERIOR)

DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 03/08/21	
NO.	REVISION	DESCRIPTION	DATE
DRAWING TITLE: 350IR 9' OUTSWING ALUMINUM STOREFRONT DOORS - LMI JOB INFORMATION: KAWNEER COMPANY, INC. 555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (REG. NO. F-14980) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		DRAWING NO. 1569T SHEET NO. 7 OF 9	
CERTIFICATION: WARREN W. SCHAEFER, P.E. MAR 08 2021 P.E. NO. 115497			





DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 03/08/21	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: 350IR 9' OUTSWING ALUMINUM STOREFRONT DOORS - LMI			
JOB INFORMATION: KAWNEER COMPANY, INC. 555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (REG. NO. F-14980) 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. 119497			
DRAWING NO. 1569T		REV.	
SHEET NO. 8		OF 9	

ITEM #	PART #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS			
1	575-022	HEAD FRAME (IR-500)	6063-T6 ALUMINUM
2	575-122	HEAD FRAME (IR-501)	6063-T6 ALUMINUM
3	450-502	HEAD JAMB	6063-T6 ALUMINUM
4A	575-051	SIDE FRAME (IR 500-OR IR-501)	6063-T6 ALUMINUM
4B	450-501	SIDE FRAME (TRIFAB 450)	6063-T6 ALUMINUM
5	163-036	SIDE FRAME (1600 DR JB ADAPTOR)	6063-T6 ALUMINUM
6A	200-023	DOOR; TOP RAIL	6063-T6 ALUMINUM
6B	200-024	DOOR; TOP RAIL	6063-T6 ALUMINUM
7	200-032	DOOR; BOTTOM RAIL	6063-T6 ALUMINUM
8	200-005	DOOR STILE (APPLICABLE WITH BUTT & PIVOT HINGES)	6063-T6 ALUMINUM
9	200-012	DOOR STILE (APPLICABLE WITH CONTINUOUS HINGES)	6063-T6 ALUMINUM
10	200-007	INACTIVE DOOR MEETING STILE	6063-T6 ALUMINUM
11	200-006	ACTIVE DOOR MEETING STILE	6063-T6 ALUMINUM
14	575-004	HEAD FRAME FILLER (IR-500)	6063-T6 ALUMINUM
15	575-104	HEAD FRAME FILLER (IR-501)	6063-T6 ALUMINUM
16	450-103	SHEAR BLOCK	6063-T6 ALUMINUM
17	575-035	DEEP POCKET FILLER (IR-500)	6063-T6 ALUMINUM
18	575-135	DEEP POCKET FILLER (IR-501)	6063-T6 ALUMINUM
19	450-520	SIDE JAMB DOOR STOP	6063-T6 ALUMINUM
20	575-043	EXTERIOR GLASS STOP (USED WITH MONOLITHIC GLASS)	6063-T6 ALUMINUM
21	575-045	INTERIOR GLASS STOP	6063-T6 ALUMINUM
22	069-139	DOOR THRESHOLD	6063-T6 ALUMINUM
23	575-040	EXTERIOR GLASS STOP (USED WITH I.G. GLASS)	6063-T6 ALUMINUM
24	-	I.G. GLASS SPACER	3005 OR 3105 ALUMINUM
SEALS AND SEALANTS			
27	027-078	DOOR BULB WEATHERING	ALCRYN
28	027-563	GLAZING GASKET (USED WITH MONOLITHIC GLASS)	TREMCO TR-13536E EPDM DUROMETER 70 +/-5
29	127-041	GLAZING TAPE / SILICONE SPACER	SEMI-RIGID POLYURETHANE FOAM
30	027-342	SETTING BLOCK (USED WITH MONOLITHIC GLASS)	NEOPRENE
31	200-795	DOOR BOTTOM RAIL WEATHER SWEEP	VARIED
32	200-497	ADJUSTABLE ASTRAGAL WEATHERING	VARIED
33	027-557	GLAZING GASKET (USED WITH I.G. GLASS)	KRP 027-557 POLYPROPYLENE & SANTOPRENE DUROMETER 65 +/-5
34	027-059	SETTING BLOCK (USED WITH I.G. GLASS)	NEOPRENE
35	200-948	GLAZING TAPE (USED WITH I.G. GLASS)	3M VHB
HARDWARE			
36	050-821	CONTINUOUS GEAR HINGE	BY HAGER/ROTON
37	037-232	BUTT HINGE	BY HAGER
38	050-322	TOP OFFSET PIVOT HINGE	BY KAWNEER
	050-331	INTERMEDIATE OFFSET PIVOT HINGE	
	050-326	RH BOTTOM OFFSET PIVOT HINGE	
	050-327	LH BOTTOM OFFSET PIVOT HINGE	

ITEM #	PART #	ITEM DESCRIPTION	MANUFACTURER/NOTES
HARDWARE			
39	3-POINT	LOCK ASSEMBLY FOR ACTIVE DOOR (APPLICABLE AS PART OF LOCK OPTION 1)	BY ADAMS-RITE
	50-075	BOLT GUIDE	
	50-078	TOP BOLT	
	50-100	DEADLOCK	
	37-368	BOTTOM BOLT	
	35-001	CYLINDER	BY KAWNEER
	37-176	THUMBTURN	
	137-700	CO-9 PUSH / CP-II PUSH PACKAGE	
40	50-079	INACTIVE DOOR TOP FLUSH BOLT (APPLICABLE AS PART OF LOCK OPTION 1)	BY ADAMS-RITE
41	50-075	INACTIVE DOOR BOTTOM FLUSH BOLT (APPLICABLE AS PART OF LOCK OPTION 1)	BY ADAMS-RITE
42	-	LOCK ASSEMBLY/CVR PANIC DEVICE FOR ACTIVE DOOR (APPLICABLE AS PART OF LOCK OPTION 2)	VON DUPRIN HH9947
		DEADBOLT/CYLINDER	SCHLAGE 037304
43	-	LOCK ASSEMBLY/PANIC DEVICE FOR INACTIVE DOOR (APPLICABLE AS PART OF LOCK OPTION 2)	VON DUPRIN HH9947
44	-	LOCK ASSEMBLY/CVR PANIC DEVICE FOR ACTIVE DOOR (APPLICABLE AS PART OF LOCK OPTION 3)	FALCON HH1690
		DEADBOLT/CYLINDER	SCHLAGE 037304
45	-	LOCK ASSEMBLY/PANIC DEVICE FOR INACTIVE DOOR (APPLICABLE AS PART OF LOCK OPTION 3)	FALCON HH1690
46	-	LOCK ASSEMBLY/CVR PANIC DEVICE FOR ACTIVE DOOR (APPLICABLE AS PART OF LOCK OPTION 4)	KAWNEER 1686
		DEADBOLT/CYLINDER	SCHLAGE 037304
47	-	LOCK ASSEMBLY/PANIC DEVICE FOR INACTIVE DOOR (APPLICABLE AS PART OF LOCK OPTION 4)	KAWNEER 1686
MISCELLANEOUS FASTENERS			
51	-	NO. 12 X 2" SCREW	3" FROM ENDS & MAX. 11" O.C.
52	-	NO. 12-24 X 9/16" S.S SCREW	8 PER HINGE
53	-	NO. 12-24 X 13/32" SCREW	2 9/16" FROM ENDS & MAX. 5 1/8" O.C. (52 MAX. PER HINGE)
54	-	5/16"-18 X 5/8" SCREW	2 PER TOP PIVOT HINGE
55	-	NO. 12-24 X 9/16" S.S SCREW	2 PER INTERMEDIATE PIVOT HINGE
56	-	1/4-20 X 3/8" SCREW	3 PER BOTTOM PIVOT HINGE
57	-	NO. 6 X 11/16" SCREW	10 PER LEAF
58	-	NO. 10 X 9/16" S.S SCREW	2 PER CLIP
59	-	NO. 10 X 1 9/32" S.S. SCREW	4 PER CLIP
60	-	NO. 10 X 1/2" S.S. SCREW	3" FROM ENDS & MAX. 7 1/2" O.C. AT TOP & BOTTOM RAILS - 3" FROM ENDS & MAX. 11 1/8" O.C. AT STILES
61	-	NO. 6 X 3/8" S.S. SCREW	1/4" FROM ENDS & MAX. 9 17/32" O.C.

DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 03/08/21
DATE	
BY	
REVISION DESCRIPTION	
NO.	
DRAWING TITLE 350IR 9' OUTSWING ALUMINUM STOREFRONT DOORS - LMI	
JOB INFORMATION: KAWNEER COMPANY, INC. 555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (REG. NO. F-14980) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
CERTIFICATION PROFESSIONAL ENGINEER WARREN W. SCHAEFER, P.E. MAR 08 2021	
DRAWING NO.	REV.
1569T	
SHEET NO.	
9	OF 9