GENERAL NOTES:

- 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 ASTM E330, E283, E331, E1886 & E1996 & AAMA 1304 FOR LARGE & SMALL 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) & IS BOTH LARGE & SMALL MISSILE IMPACT RATED. 6. WHEN GLAZED FOR SMALL MISSILE IMPACT, THIS PRODUCT MAY NOT BE INSTALLED AT ELEVATIONS BELOW 30 FT. ABOVE GRADE OR AT ANY CODE DESIGNATED LARGE MISSILE IMPACT LOCATION WITHOUT AN APPROVED SHUTTER.
- WHEN LARGE MISSILE IMPACT GLAZED, IMPACT SHUTTERS ARE NOT REQUIRED WITH THIS PRODUCT.
 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
- 9. 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.
- 10. 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
- 11. 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.
- 12. 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

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.

CORNER CONSTRUCTION:

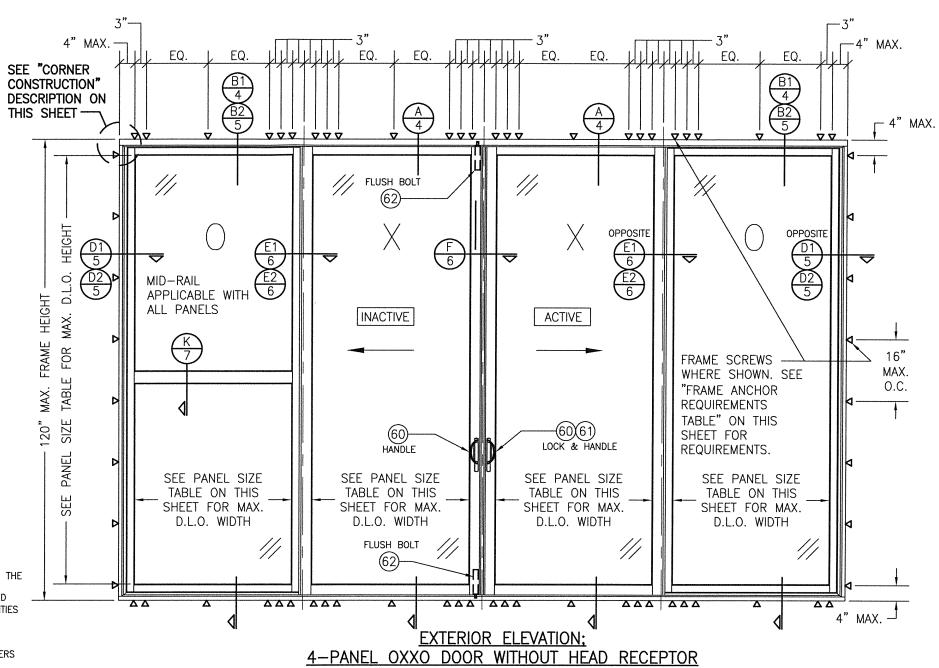
FRAME ASSEMBLY: HORIZONTAL MEMBERS RUN THROUGH WITH VERTICAL MEMBERS RUNNING BETWEEN THE HORIZONTALS. BEFORE ASSEMBLY, SEALANT IS APPLIED TO THE VERTICAL MEMBER ENDS, . THE VERTICAL MEMBER ENDS ARE THEN BUTTED TO THE HORIZONTAL MEMBERS, SCREW HOLES ARE FILLED WITH SEALANT AND THE MEMBERS ARE JOINED WITH #12X2" HWH THREAD FORMING SCREWS (QUANTITIES VARY WITH LOCATION & MATCH THE QUANTITY OF AVAILABLE SCREW SPLINES). ONCE ASSEMBLED, SEALANT IS TOOLED AND ALL VOIDS FILLED. END DAMS ARE THEN PLACED TO CLOSE OFF THE HORIZONTAL MEMBER ENDS.

SUB-SASH & SLIDING PANEL ASSEMBLY: VERTICAL MEMBERS RUN THROUGH WITH HORIZONTAL MEMBERS RUNNING BETWEEN THE VERTICALS. SEALANT IS APPLIED TO THE HORIZONTAL ENDS AND GASKET RACEWAYS AND THE MEMBERS ARE JOINED WITH NO. 12 X 2" HWH THREAD FORMING SCREWS (QUANTITIES VARY WITH LOCATION & MATCH THE QUANTITY OF AVAILABLE SCREW SPLINES)

FRAME ANCHOR REQUIREMENTS TABLE FRAME & RECEPTOR SCREWS OPENING TYPE MINIMUM MINIMUM FRAME TO OPENING FASTENER TYPE (SUBSTRATE) EMBED EDGE DIST MIN. 2X4 WOOD FRAME OR BUCK 1 1/4" 1" NO. 14 SMS OR WOOD SCREW (MIN. GR. 3 & G=0.55) 1/4" GR. 5 SELF TAP/DRILL SCREW 1/2" MIN. 16 GA. 50 KSI METAL STUD **FULL** 1/2 MIN. 1/8" THK A36 STEEL 1/4" GR. 5 SELF TAP/DRILL SCREW **FULL** 1/4" GR. 5 SELF TAP/DRILL SCREW 1/2" FULL MIN. 0.100" THK 6063—T5 ALUM (1) (2) 1/4" CONCRETE SCREW 1 3/4" MIN. C-90 CONCR. FILLED CMU 2" 1 3/4" MIN. 3000 PSI CONCRETE (1) 1/4" CONCRETE SCREW 2"

(1) CONCRETE SCREWS SHALL BE ELCO ULTRACONS (C.S.), ELCO CRETE-FLEX (S.S.), RAMSET/RED HEAD TAPCONS (C.S. OR S.S.) OR HILTI KWIK-CON II (C.S OR S.S.)

(2) CMU OPENINGS MUST HAVE REINFORCED CONCRETE FILLED CELLS AT THE SIDES.



ELEVATION NOTES:

ALLOWABLE DESIGN PRESSURE

(ALL UNITS)

+/-90 PSF

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

1. FIXED "O" PANELS SHOWN AS SASH GLAZED. DIRECT GLAZING TO FRAME ALSO APPLIES PER THE SECTIONS.

2. FOR HEAD RECEPTOR APPLICATION, SEE ELEVATION ON SHEET 3.

3. FOR APPLICABLE PANEL CONDITIONS AND "O"/"X" COMBINATIONS, SEE NOTATION ON SHEET 2.

ALLOWABLE PANEL SIZE TABLE (SASH GLAZED PANELS)			ALLOWABLE PANEL SIZE TABLE (DIRECT GLAZED PANELS)			
MAXIMUM D.L.O. WIDTH (IN.)	MAXIMUM D.L.O. HEIGHT (IN.)		MAXIMUM D.L.O. WIDTH (IN.)	MAXIMUM D.L.O. HEIGHT (IN.)		
53 15/16	87 1/2		57 15/16	91 1/2		
51 48	88 1/2 94 1/16		54 51	98 1/8 103 15/16		
45	100 5/16		48	110 7/16		
42	107 1/2		44 1/2	115 1/2		
40 1/2	111 1/2					

HESE DRAWINGS ARE APPLICABLE ONLY TO T 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 RODUCED BY THE MANUFACTURER STATED ON

CONSULTING, P.A. (REG. NO. F-14980)
PALM BEAL GARDENS, FL. 33418
PHONE: 561-744-3424 MEDIUM 3200-IR WING A 707 ರಾ 2 1706T SHEET NO. of 10

CHECKED BY: W.W.S.

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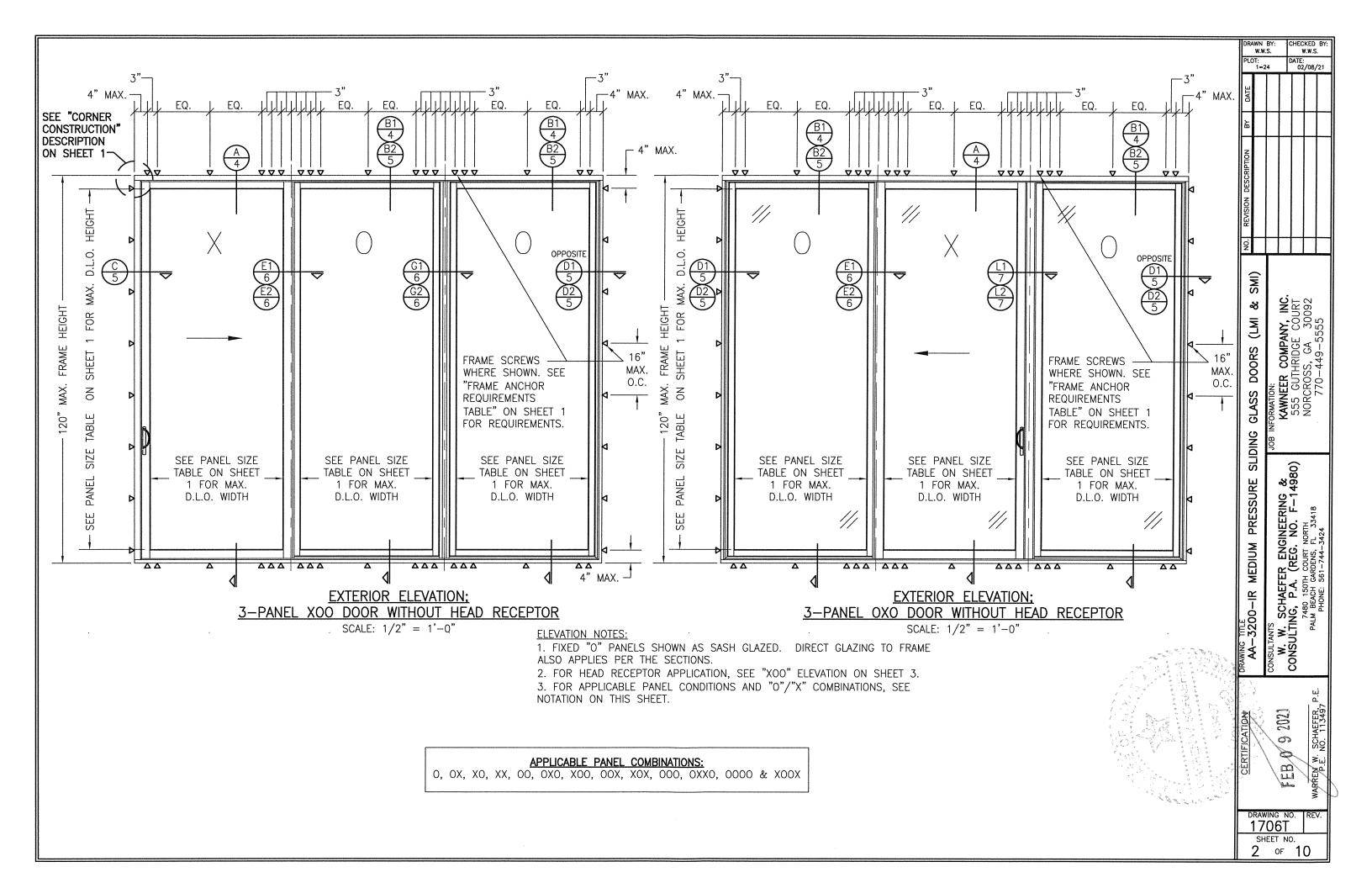
DOORS

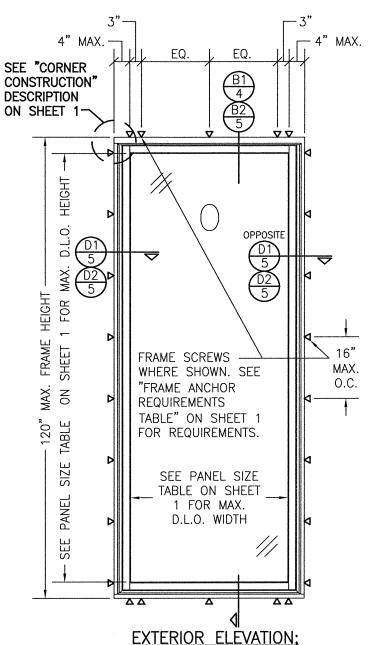
GLASS

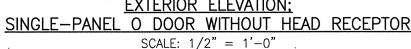
SLIDING

PRESSURE

KAWNEER COMPANY, INC. 555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555



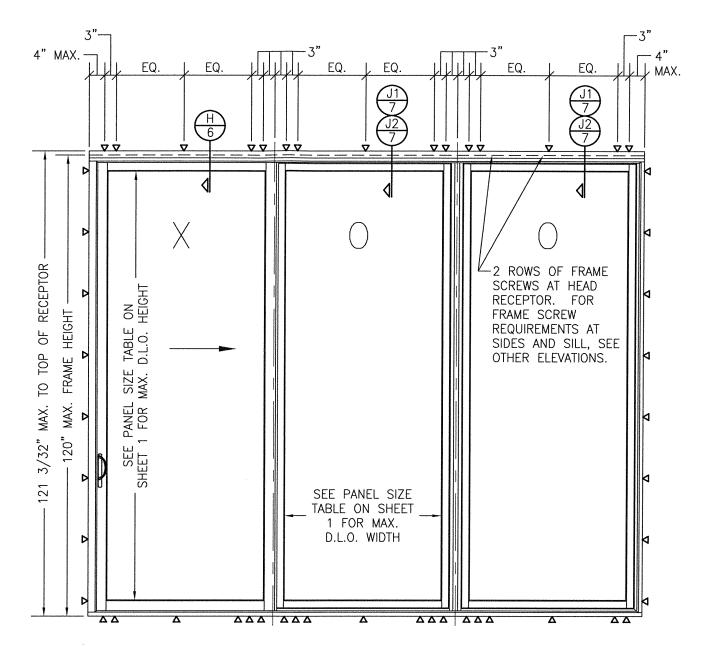




ELEVATION NOTES:

- 1. FIXED "O" PANELS SHOWN AS SASH GLAZED. DIRECT GLAZING TO FRAME ALSO APPLIES PER THE SECTIONS.
- 2. FOR HEAD RECEPTOR APPLICATION, SEE "XOO" ELEVATION ON THIS SHEET.

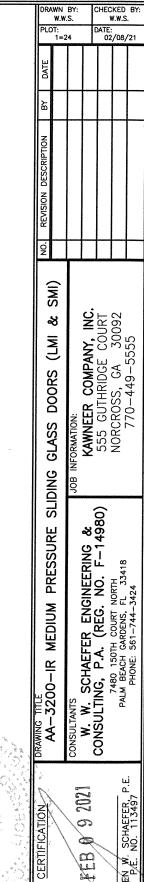
 3. FOR APPLICABLE PANEL CONDITIONS AND "O"/"X" COMBINATIONS SEE
- 3. FOR APPLICABLE PANEL CONDITIONS AND "O"/"X" COMBINATIONS, SEE NOTATION ON SHEET 2.



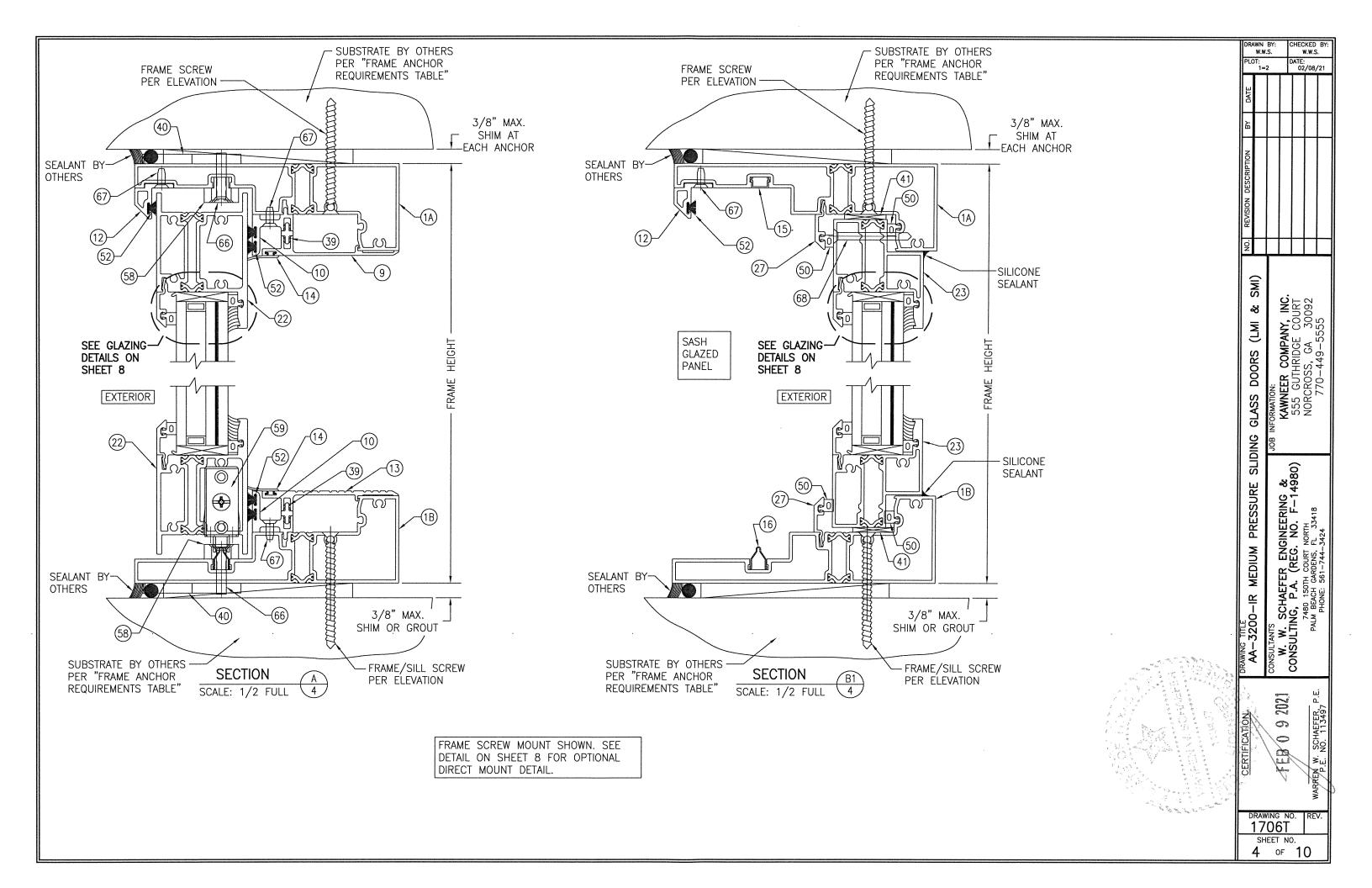
EXTERIOR ELEVATION; 3-PANEL XOO DOOR WITH HEAD RECEPTOR SCALE: 1/2" = 1'.-0"

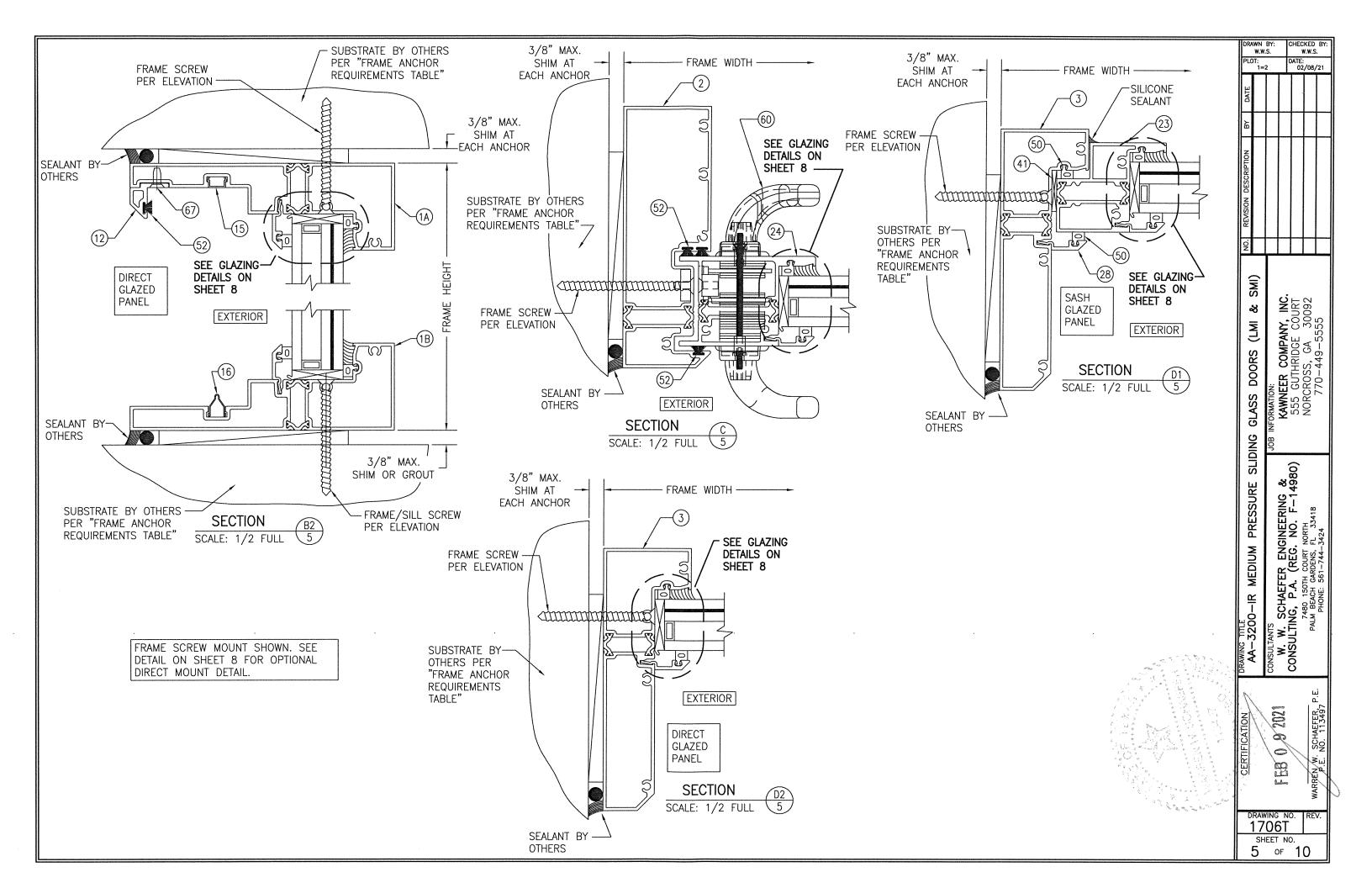
ELEVATION NOTES:

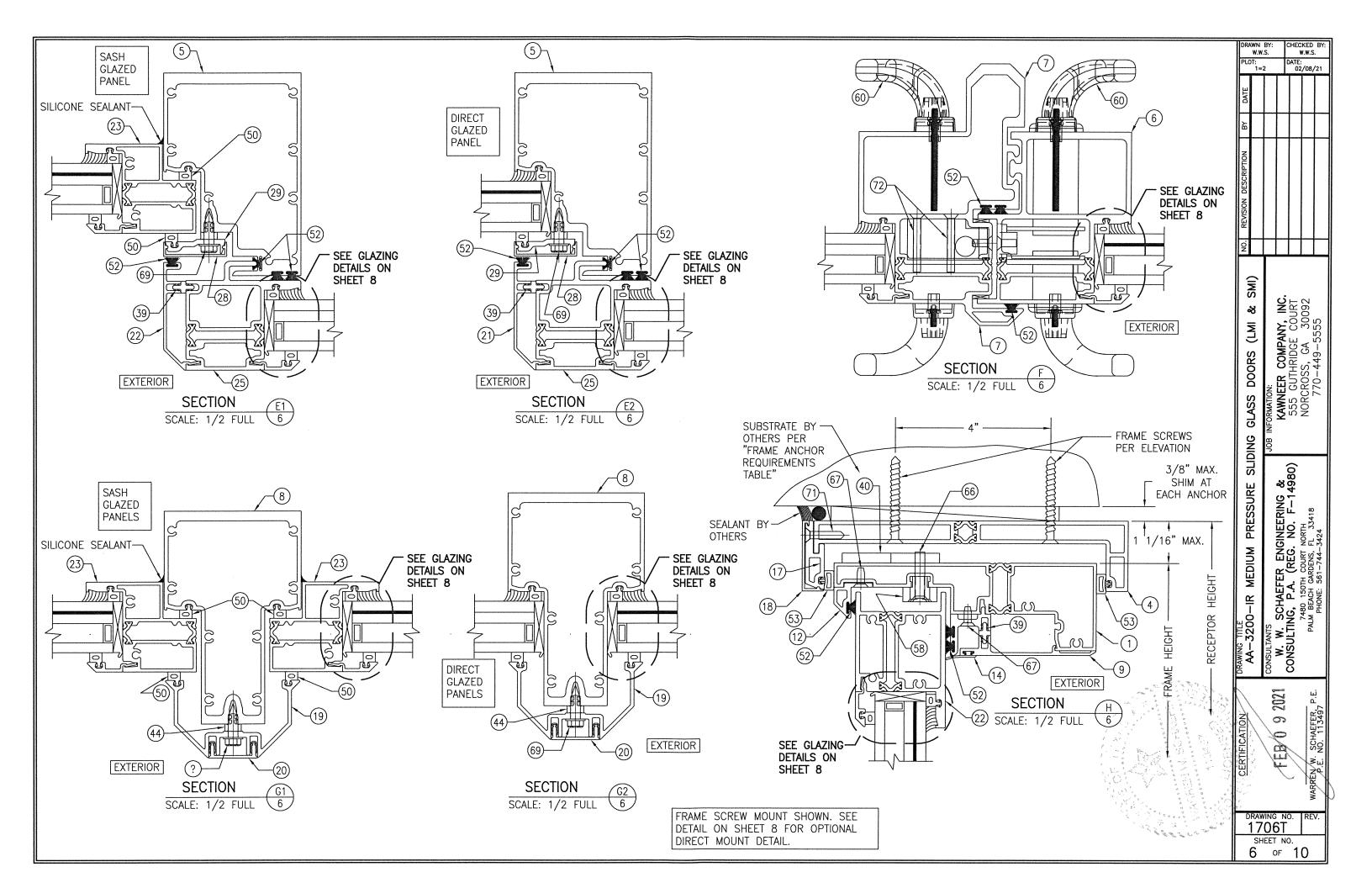
- 1. FIXED "O" PANELS SHOWN AS SASH GLAZED. DIRECT GLAZING TO FRAME ALSO APPLIES PER THE SECTIONS.
- 2. THIS ELEVATION IS SHOWN ONLY FOR THE PURPOSE OF DETAILING THE HEAD RECEPTOR & ITS INSTALLATION. FOR ALL OTHER DETAIL, SEE OTHER ELEVATIONS.
- 3. HEAD RECEPTOR IS APPLICABLE FOR USE WITH ALL DOOR CONFIGURATIONS.
 4. FOR APPLICABLE PANEL CONDITIONS AND "O"/"X" COMBINATIONS, SEE NOTATION ON SHEET 2.

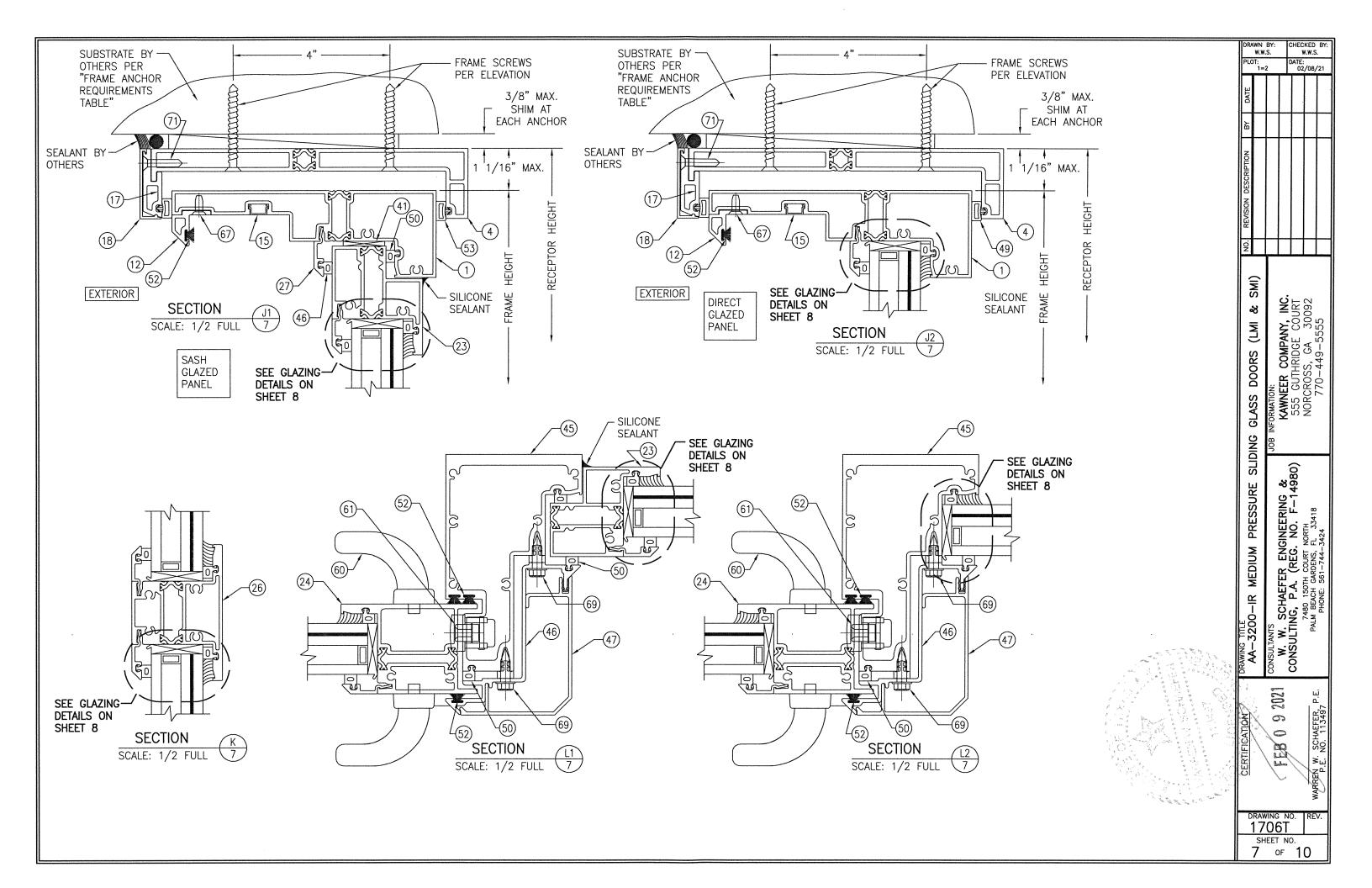


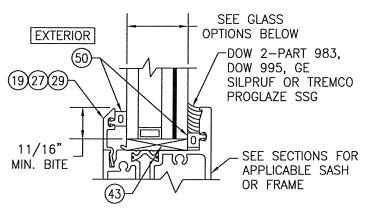
1706T SHEET NO. 3 OF 10









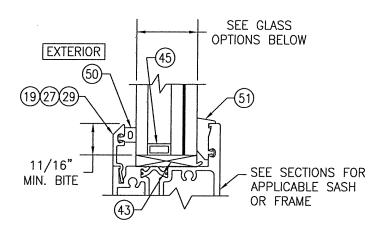


TYPICAL GLAZING DETAIL (L.M.I. WET GLAZED)

GLASS OPTIONS:

OPTION 1: 1 5/16" I.G. WITH 1/4" TEMPERED OUTBOARD, 1/2" AIR SPACE & LAMINATED 1/4" HS/0.077" EASTMAN CHEM. CO. SAFLEX STORM/1/4" HS INBOARD OPTION 2: 1 5/16" I.G. WITH 1/4" TEMPERED OUTBOARD, 1/2" AIR SPACE & LAMINATED 1/4" HS/0.09" KURARAY SG/1/4" HS INBOARD OPTION 3: 1 5/16" I.G. WITH 1/4" TEMPERED OUTBOARD, 1/2" AIR SPACE & LAMINATED 1/4" HS/0.10" EASTMAN CHEM CO. SAFLEX HP/1/4" HS INBOARD OPTION 4: 1 5/16" I.G. WITH 1/4" TEMPERED OUTBOARD, 1/2" AIR SPACE & LAMINATED 1/4" HS/0.12" UVEKOL/1/4" HS INBOARD

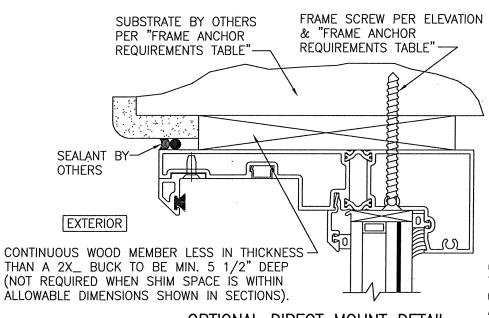
L.M.I. = LARGE MISSILE IMPACT S.M.I. = SMALL MISSILE IMPACT



TYPICAL GLAZING DETAIL (S.M.I. DRY GLAZED)

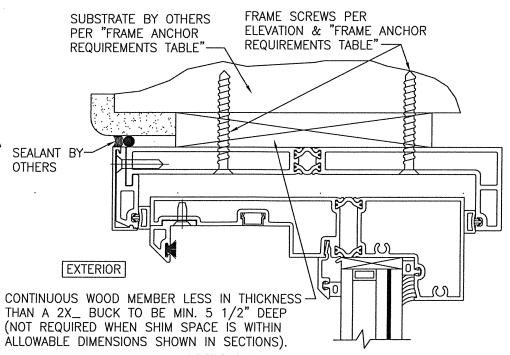
GLASS OPTIONS:

OPTION 5: 1 5/16" I.G. WITH 1/4" TEMP OUTBOARD, 1/2" AIR SPACE & LAMINATED 1/4" HS/0.06" EASTMAN CHEM. CO. SAFLEX/1/4" HS INBOARD OPTION 6: 1 5/16" I.G. WITH 1/4" TEMP OUTBOARD, 1/2" AIR SPACE & LAMINATED 1/4" HS/0.06" KURARAY BUTACITE PVB/1/4" HS INBOARD



OPTIONAL DIRECT MOUNT DETAIL
TO SUBSTRATE WITH SPACER
(NO HEAD RECEPTOR)

(HEAD SECTION SHOWN; SILL & SIDES ARE INSTALLED THE SAME)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)



OPTIONAL DIRECT MOUNT DETAIL
TO SUBSTRATE WITH SPACER
(WITH HEAD RECEPTOR)

(HEAD SECTION SHOWN; SILL & SIDES ARE INSTALLED THE SAME) (FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)

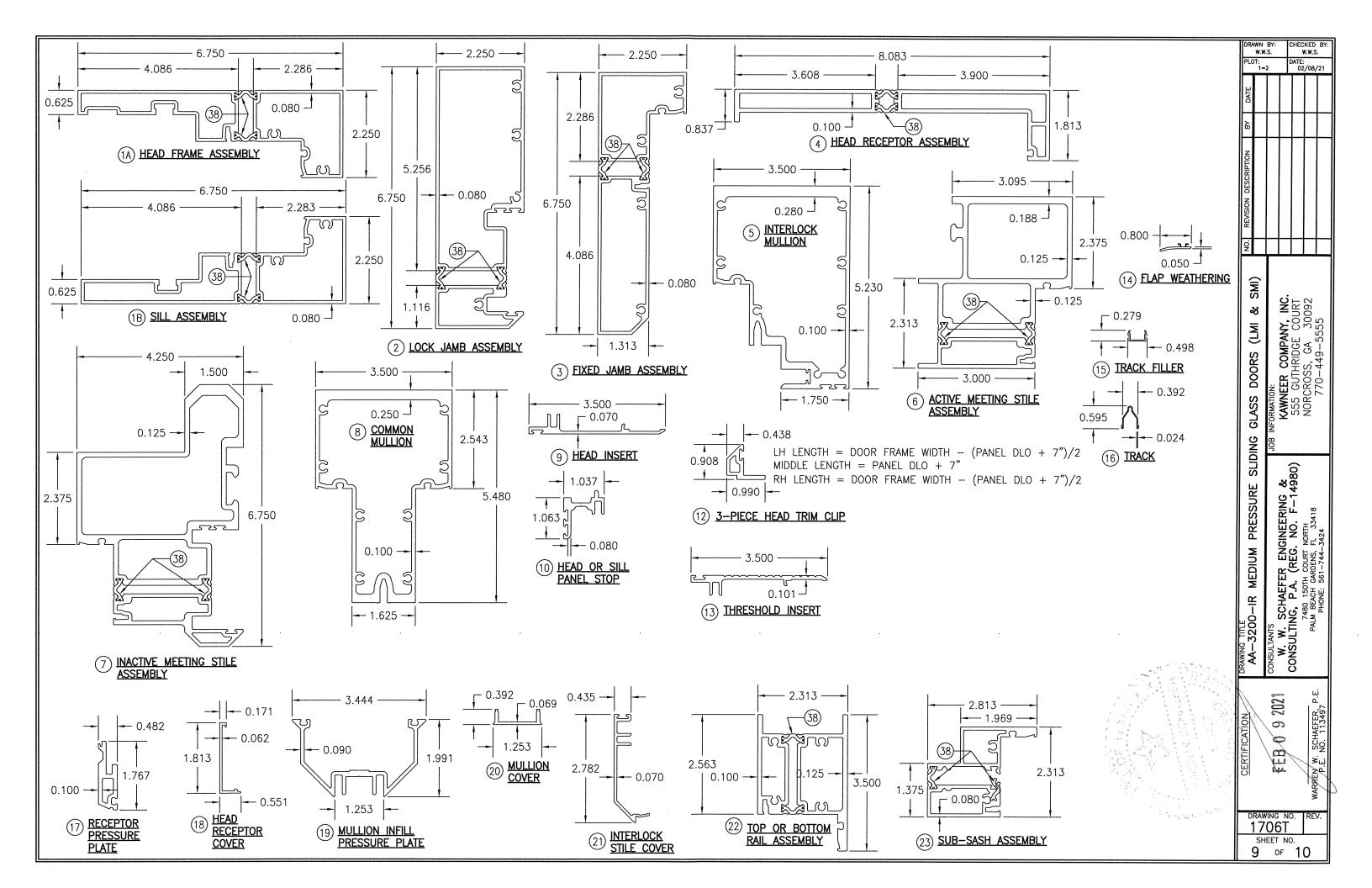
	NO. REVISION DESCRIPTION	-				-	
	VIVO '8 IN I) SOCOO SON IO ONI	ING GLASS DOORS (LMI & SMI)	JOB INFORMATION:	KAWNEER COMPANY, INC.	555 GUTHRIDGE COURT	NORCROSS, GA 30092	770-449-5555
	DRAWING TITLE AA—3200—IP MEDILIM BEESSLIDE SLID	A SECO IN MEDICINI PRESSONE SCIDING GLASS DOURS (LMI & SMI)		W. W. SCHAEFER ENGINEERING &	CONSULTING, P.A. (REG. NO. F-14980)	7480 1501H COURT NORTH PALM BEACH GARDENS. FL 33418	PHONE: 561-744-3424
The same of the same	CERTIFICATION		FED	1707 G P 92.		ARBEN W SCHAFEER	DF NO 113497

1706T

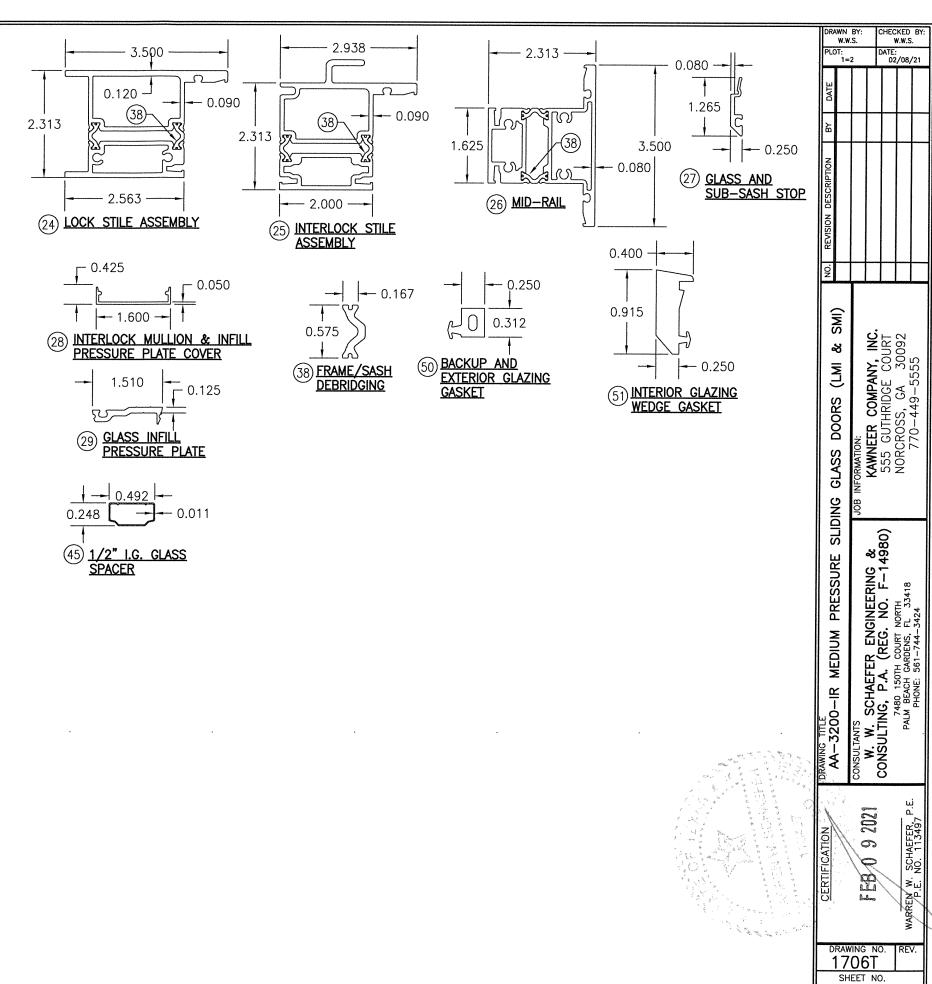
SHEET NO.

of 10

CHECKED BY W.W.S. DATE: 02/08/21



TEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES			
	PARTS				
1A	HEAD FRAME ASSEMBLY	6063-T6 ALUMINUM			
1B	SILL ASSEMBLY	6063-T6 ALUMINUM			
2	LOCK JAMB ASSEMBLY	6063-T6 ALUMINUM			
3	FIXED JAMB ASSEMBLY	6063-T6 ALUMINUM			
4	HEAD RECEPTOR ASSEMBLY	6063-T6 ALUMINUM			
5	INTERLOCK MULLION	6063-T6 ALUMINUM			
6	ACTIVE MEETING STILE ASSEMBLY	6063-T6 ALUMINUM			
7	INACTIVE MEETING STILE ASSEMBLY	6063-T6 ALUMINUM			
8	COMMON MULLION	6063-T6 ALUMINUM			
9	HEAD INSERT	6063-T6 ALUMINUM			
10	HEAD OR SILL PANEL STOP	6063-T6 ALUMINUM			
12	HEAD TRIM	6063-T6 ALUMINUM			
13	THRESHOLD INSERT	6063-T6 ALUMINUM			
14	FLAP WEATHERING	RIGID PVC/ALCRYN			
15	TRACK FILLER	RIGID PVC			
16	TRACK	300 SERIES STAINLESS STEEL			
17	RECEPTOR PRESSURE PLATE	6063-T6 ALUMINUM			
18	HEAD RECEPTOR COVER	6063-T6 ALUMINUM			
19	MULLION INFILL PRESSURE PLATE	6063-T6 ALUMINUM			
20	MULLION COVER	6063-T6 ALUMINUM			
21	INTERLOCK STILE COVER	6063-T6 ALUMINUM			
22	TOP OR BOTTOM RAIL ASSEMBLY	6063-T6 ALUMINUM			
23	SUB-SASH ASSEMBLY	6063-T6 ALUMINUM			
24	LOCK STILE ASSEMBLY	6063-T6 ALUMINUM			
25	INTERLOCK STILE ASSEMBLY	6063-T6 ALUMINUM			
26	MID-RAIL ASSEMBLY	6063-T6 ALUMINUM			
27	GLASS & SUB-SASH STOP	6063-T6 ALUMINUM			
28	INTERLOCK MULL & INFILL COVER	6063-T6 ALUMINUM			
29	GLASS INFILL PRESSURE PLATE	6063-T6 ALUMINUM			
38	FRAME/SASH DEBRIDGING	TECATHERM-66-GF			
39	THERMAL SEPERATOR	RIGID PVC/FLEXIBLE PVC			
41	1/8" FIXED PANEL SETTING BLOCK	NEOPRENE			
43	1/4" GLASS SETTING BLOCK	NEOPRENE			
44	THERMAL SEPERATOR	EPDM			
45	1/2" I.G. GLASS SPACER	3005 OR 3105 ALUMINUM			
	SEALS & SEA	ALANTS			
50	BACKUP & EXTERIOR GLAZING GASKET	TREMCO TR2983W EPDM (DUROMETER = 60			
51	INTERIOR GLAZING GASKET	TREMCO EPDM SPONGE			
52	TRI-FIN WEATHERSTRIP	ULTRAFAB W71225NK POLYPROPELENE			
53	GASKET/WEATHER SEAL	KRP 065-401 TPV/POLYPROPELENE			
	HARDWAF				
58	6063-T6 ALUM. FLUSH BOLT SHOE	7/8"X2"X3/8" THK (KAWNEER NO. 594420)			
59	LARGE 300 SERIES SS WHEEL CASTER	KAWNEER PART NO. 594451			
60	HANDLE	AS REQUIRED TO PULL DOOR			
61	ACTIVE PANEL MAXIMUM SECURITY LOCK	KAWNEER PART NO. 594503			
62	INACTIVE PANEL FLUSH BOLTS	KAWNEER PART NO. 594520			
	FASTENERS				
66	1/4-20 X 1 9/32" FHMS SCREW	2 PER SHOE			
67	NO. 10 X 1/2" FHTF S.S. SCREW	1"-3" FROM ENDS AND 12" MAX. O.C.			
	1/4" X 7/8" PHWHTFS S.S. SCREW	3" FROM ENDS AND 9" MAX. O.C.			
69		, = / 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6			
69 71	NO. 10 X 1 1/2" FHMS S.S. SCREW	3" FROM ENDS AND 3" MAX. O.C.			



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