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
- 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, F588, E1886 & E1996 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 MEET THE REQUIREMENTS OF THE 2018 INTERNATIONAL BUILDING CODE (IBC).
- 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.
- IMPACT SHUTTERS ARE NOT REQUIRED WITH THIS PRODUCT. ALL ANCHORS SECURING PRODUCT FRAMES TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE
- RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD. 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 PRODUCT.

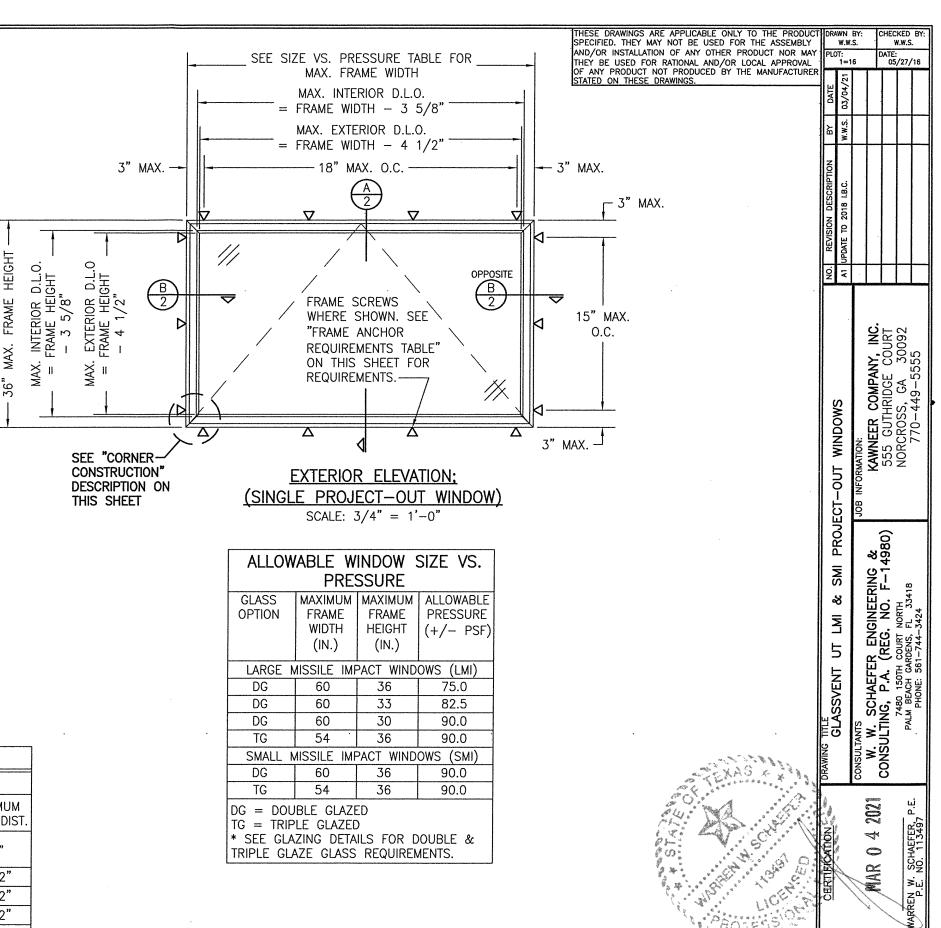
EVALUATION OF THIS PRODUCT IS BASED ON APPLICABLE STANDARDS AND/OR INFORMATION & RESULTS FROM APPLICABLE TEST REPORTS. THE BUILDING CODE VERSION CONSIDERED WITH THIS EVALUATION WAS THAT IN FORCE AT THE TIME OF THE EVALUATION. IN THE EVENT OF CODE VERSION CHANGES/UPDATES OR IN THE EVENT THAT NEW OR ADDITIONAL 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 CORNERS: CORNERS ARE MITERED, KEYED WITH EACH AN ALUMINUM FRAME AND STEEL FRAME ADAPTOR CORNER KEY AND STAKED. SASH: CORNERS ARE MITERED, KEYED WITH AN ALUMINUM VENT CORNER KEY AND STAKED. (SEE PART DRAWINGS FOR CORNER KEY PROFILES & DETAIL)

FRAME ANCHOR REQUIREMENTS TABLE						
FRAME SCREWS						
OPENING TYPE (SUBSTRATE)	FRAME TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 14 SMS OR WOOD SCREW	1 1/4"	1"			
MIN. 18 GA. 33 KSI METAL STUD	1/4" GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"			
MIN. 1/8" THK A36 STEEL	1/4" GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"			
MIN. 0.10" THK 6063-T5 ALUM.	1/4" GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"			
MIN. C-90 CMU (AT SIDES ONLY)	(1) 1/4" CONCRETE SCREW	1 1/4"	2"			
MIN. 2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/2"	2"			
(4) CONDETT CODENC CHAIL BE FLOO HITDACONS (C.C.) FLOO CRETE FLEY (C.C.) ITM						

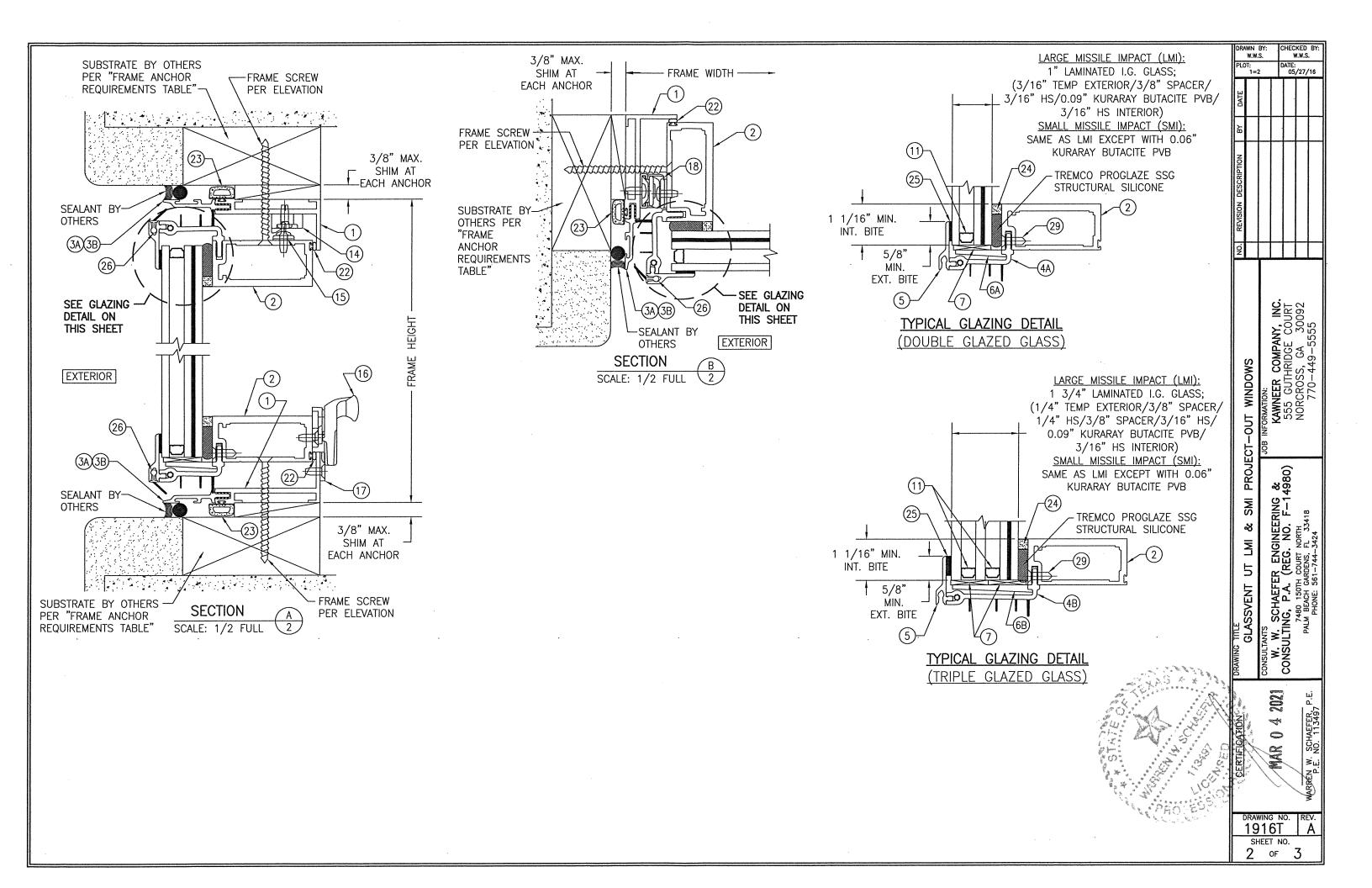
 CONCRETE SCREWS SHALL BE ELCO ULTRACONS (C.S.), ELCO CRETE-FLEX (S.S.), ITW RAMSET/RED HEAD TAPCONS (C.S. OR S.S.) OR HILTI KWIK-CON II (C.S OR S.S.)



1916T

SHEET NO.

OF



		T T		DRAWN BY: CHECKED BY
ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES	2.688	w.w.s. w.w.s.
	PARTS		2.550 — 1.696 — 0.085	PLOT: DATE: 05/27/16
1	FRAME	6063-T6 ALUMINUM		ᄔ
2	VENT SASH	6063-T6 ALUMINUM		DAT
3A	FRAME ADAPTOR (DOUBLE GLAZE)	AMESBURY #PP3103 (DUROMETER 65 +/-5)	0.401 0.125 1 1.313 U 1.188 3A FRAME ADAPTOR	
3B	FRAME ADAPTOR (TRIPLE GLAZE)	AMESBURY #PP3043 (DUROMETER 65 +/-5)	TOURILE OLATE)	₩
4A	VENT SURROUND (DOUBLE GLAZE)	AMESBURY #PP3102 (DUROMETER 65 +/-5)	0.100	
4B	VENT SURROUND (TRIPLE GLAZE)	AMESBURY #PP3042 (DUROMETER 65 +/-5)	0.100 - 0.180 - 0.180 -	NO NO
5	TRIM COVER	6063-T6 ALUMINUM		RIPT
6A	GLASS SHELF (DOUBLE GLAZE)	6105-T5 ALUMINUM (2 PER SILL)		S
6B	GLASS SHELF (TRIPLE GLAZE)	6105-T5 ALUMINUM (2 PER SILL)	1.580 - 2.330 - 1.550	Z
7	0.969" X 0.125" X 4.125" LG. SETTING BLOCK	EPDM W/PRESSURE SENSITIVE TAPE (LOCATED AT	- 0.085 - 0.115 - 0.115 - 0.115 - 0.115	VISIC
		EACH GLASS SHELF)		낊
8	FRAME ADAPTOR CORNER KEY	21 GAGE GALV. STEEL	5} 0.258	o o
9	FRAME CORNER KEY	6105-T5 ALUMINUM	I SRIFRAME AUAPTUR	<u> </u>
10	VENT CORNER KEY	6105-T5 ALUMINUM	(TRIPLE GLAZE) 0.800 5 TRIM COVER	
11	GLASS SPACER	ALLMETAL A93105 ALUMINUM		
 	HARDWARE	The ment of the miner	(A) <u>VENT_SURROUND</u> (DOUBLE GLAZE) (TRIPLE GLAZE)	ડં⊢લ
14	SNUBBER RECEIVER	ADVANTAGE MFG. #617-688	1.425	FORMATION: KAWNEER COMPANY, INC. 555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555
15	SNUBBER DRIVER	ADVANTAGE MFG. #616-2	- 0.140 0.550 - 0.037 	7. 00 € 1
16	HANDLE ASSEMBLY	BRONZE CRAFT CORP #162-001 OR 162-003	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	PAI 3E A -55
17	LOCK STRIKE	BRONZE CRAFT CORP. #282-004		S S S S S S S S S S S S S S S S S S S
18	SCISSOR HINGE	ADVANTAGE 4-BAR HINGE		WINDOWS ATION: WNEER CON S GUTHRIC DRCROSS, (770-449
10	SEALS & SEALANTS	ADVANTAGE T-BAR TIINGE	$- \qquad \qquad \bot$ LENGTH = 4.0"	2 8 GH 2 8 6
22	BULB WEATHERSTRIP	AMESBURY GROUP #32001	(6A) GLASS SHELF 0.100 LENGTH = 4.0"	MAN VAID WILL AND VAID VAID VAID VAID VAID VAID VAID VAI
23	0.25" X 0.65" "D" FOAM SEAL	AMESBURY #32099		F S S S
23	0.25" X 0.05" D FOAM SEAL	NORTON V2100	(OB) SILOS SILOS	
	0.09" X 0.5" DOUBLE SIDED GLAZING TAPE	NORTON V2890	(TRIPLE GLAZE) 8 FRAME ADAPTOR CORNER KEY	TO BOD
25	TRIM COVER WEATHERING	AMESBURY GROUP #PP3138		й
26	FASTENERS	AMESBURT GROUP #FF3138	_ - 0.172	PROJECT NG
20	NO. 10 X 1/2" FH THREAD FORMING SCREW	2 PER GLASS SHELF	1.964 - 0.795	— I ~+
29	INO. 10 X 1/2 FH THREAD FORMING SCREW	12 FER GLASS SHELF		I & SMI INEERING NO. F-14 ORTH 53418
			0.135	S 5 4 81 4 81 4 81 4 81 4 81 4 81 4 81 4
			2.600	용 긁즉 높 _X ⁴
				LM NG F %
			2.600	A SINSTER LE
				2 K 2 2 2
				F E E
			2.600	E E C C C C C C C C C C C C C C C C C C
				SS SC SC SS S
			9) FRAME_CORNER_KEY	
	•	·	(10) <u>VENT_CORNER_KEY</u>	SULTA I
				NSC NSC
			0.375	K / 8 O
			0.255	2021
			0.016	MAR 0 4
			(11) GLASS SPACER	
			(11) GEASS SI NOEM	SOLVE SOLVE
				×.
ľ	·			
				Light Control of the
				*
I				DRAWING NO. REV.
				1916T A
				SHEET NO.
				3 of 3
 			<u> </u>	ل ⊍ ب