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 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).
- 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.
- 7. IMPACT SHUTTERS ARE NOT REQUIRED WITH THIS PRODUCT.
 8. 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.

 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 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:

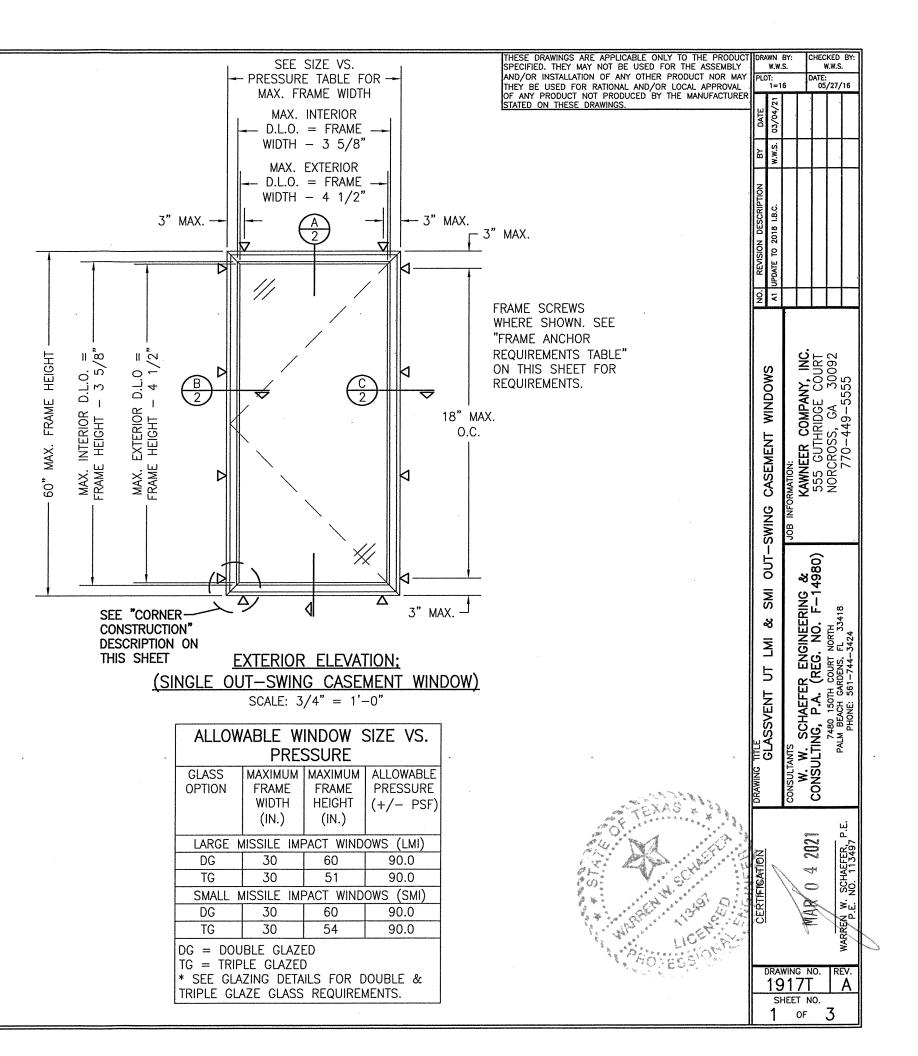
FRAME CORNERS: CORNERS ARE MITERED, KEYED WITH EACH AN ALUMINUM FRAME AND STEEL FRAME ADAPTOR CORNER KEY AND STAKED.

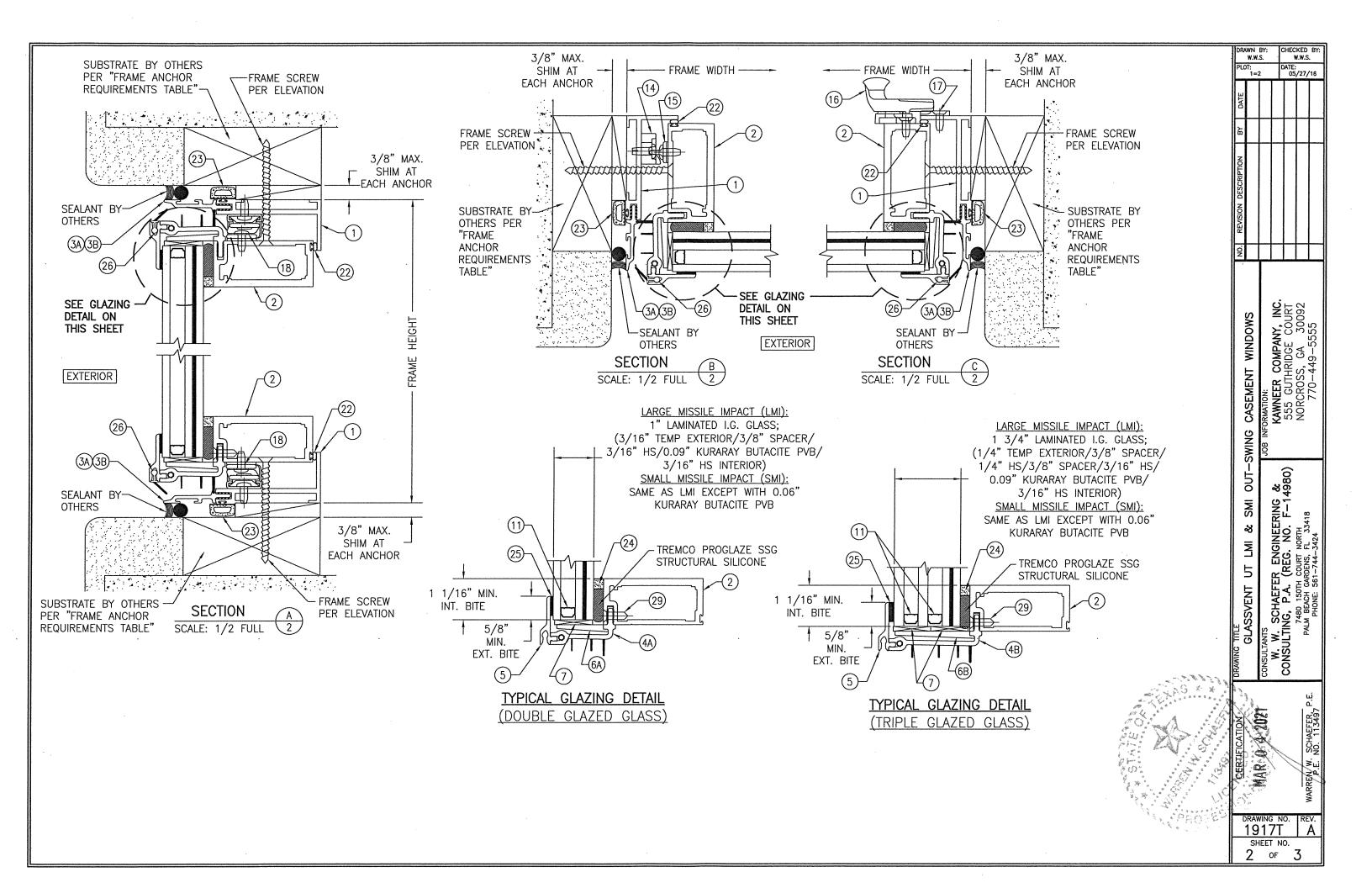
SASH: CORNERS ARE MITERED, KEYED WITH AN ALUMINUM VENT CORNER KEY AND STAKED.

(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 OR 2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/4"	2"	
(1) CONCRETE SCREWS SHALL BE FLCO ULTRACONS (C.S.), ELCO CRETE-FLEX (S.S.), ITW				

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





ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES	
PARTS			
1	FRAME	6063-T6 ALUMINUM	
2	VENT SASH	6063-T6 ALUMINUM	
3A	FRAME ADAPTOR (DOUBLE GLAZE)	AMESBURY #PP3103 (DUROMETER 65 $+/-5$)	
3B	FRAME ADAPTOR (TRIPLE GLAZE)	AMESBURY #PP3043 (DUROMETER 65 +/-5)	
4A	VENT SURROUND (DOUBLE GLAZE)	AMESBURY #PP3102 (DUROMETER 65 +/-5)	
4B	VENT SURROUND (TRIPLE GLAZE)	AMESBURY #PP3042 (DUROMETER 65 +/-5)	
5	TRIM COVER	6063-T6 ALUMINUM	
6A	GLASS SHELF (DOUBLE GLAZE)	6105-T5 ALUMINUM (2 PER SILL)	
6B	GLASS SHELF (TRIPLE GLAZE)	6105-T5 ALUMINUM (2 PER SILL)	
7	0.969" X 0.125" X 4.125" LG. SETTING BLOCK	EPDM W/PRESSURE SENSITIVE TAPE (LOCATED AT	
		EACH GLASS SHELF)	
8	FRAME ADAPTOR CORNER KEY	21 GAGE GALV. STEEL	
9	FRAME CORNER KEY	6105-T5 ALUMINUM	
10	VENT CORNER KEY	6105-T5 ALUMINUM	
11	GLASS SPACER	ALLMETAL A93105 ALUMINUM	
HARDWARE			
14	SNUBBER RECEIVER	ADVANTAGE MFG. #617-688	
15	SNUBBER DRIVER	ADVANTAGE MFG. #616-2	
16	HANDLE ASSEMBLY	BRONZE CRAFT CORP #162-001 OR 162-003	
17	LOCK STRIKE	BRONZE CRAFT CORP. #282-004	
18	SCISSOR HINGE	ADVANTAGE 4-BAR HINGE	
SEALS & SEALANTS			
22	BULB WEATHERSTRIP	AMESBURY GROUP #32001	
23	0.25" X 0.65" "D" FOAM SEAL	AMESBURY #32099	
24	0.25" X 0.25" POLYURETHANE FOAM TAPE	NORTON V2100	
25	0.09" X 0.5" DOUBLE SIDED GLAZING TAPE	NORTON V2890	
26	TRIM COVER WEATHERING	AMESBURY GROUP #PP3138	
FASTENERS			
29	NO. 10 X 1/2" FH THREAD FORMING SCREW	2 PER GLASS SHELF	

GLASS SHELF NOTE: THERE ARE 4 GLASS SHELF'S PER WINDOW; ONE EACH SIDE OF AN UPPER CORNER AND ONE EACH SIDE OF THE OPPOSITE BOTTOM CORNER (CADY CORNER).

