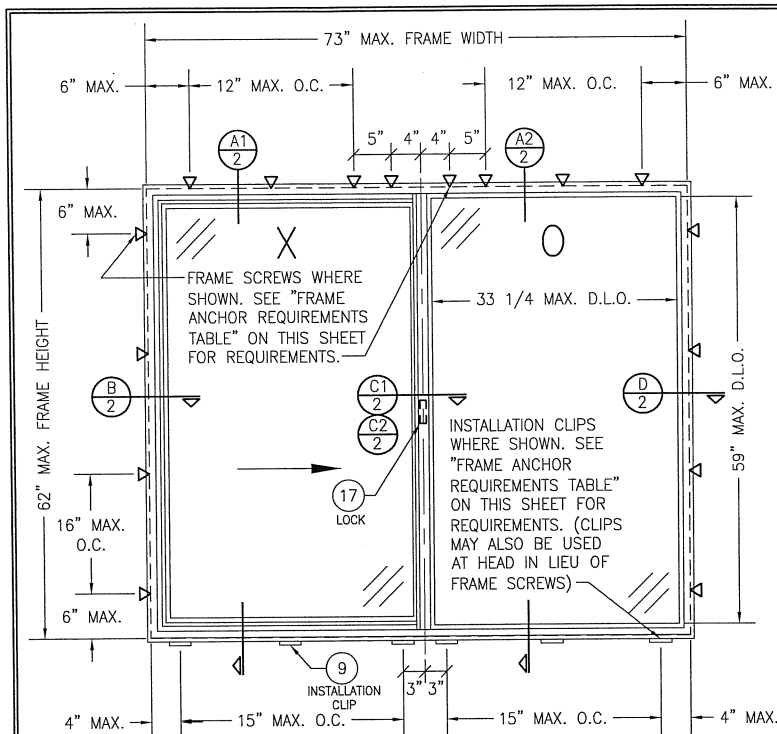




EXTERIOR ELEVATION:
XO OR OX WINDOW

SCALE: 3/4" = 1'-0"

CORNER CONSTRUCTION:

FRAME MEMBERS ARE MITERED & FULLY WELDED.
SASH MEMBERS ARE MITERED & FULLY WELDED.

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.

FRAME ANCHOR REQUIREMENTS TABLE

OPENING TYPE (SUBSTRATE)	FRAME/CLIP/NAIL FIN TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
(1) FRAME SCREWS & INSTALLATION CLIP SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 10 SMS OR WOOD SCREW	1 1/4"	3/4"
MIN. 18 GA. 33 KSI METAL STUD	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
C-90 CMU/2500 PSI CONCRETE	(2) 1/4" CONCRETE SCREW	1 1/4"	2"

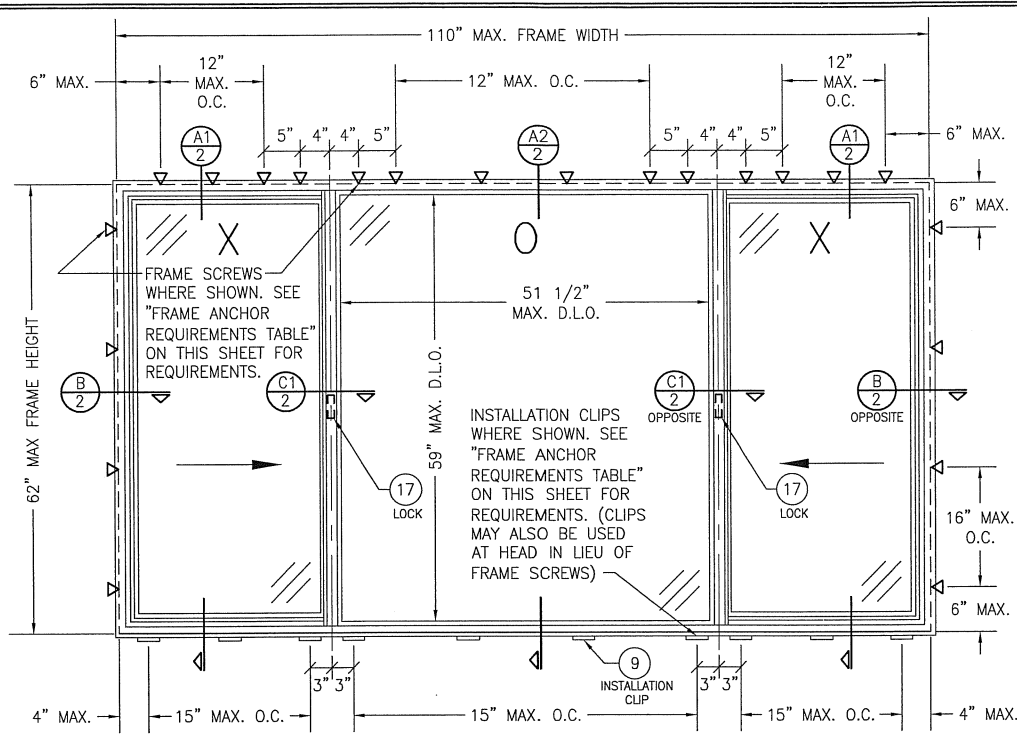
(1) SCREWS SHALL BE PAN HEAD OR HEX HEAD SCREW

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

ALLOWABLE DESIGN PRESSURE
(XO OR OX UNITS & XOX UNITS)

MAX. WINDOW FRAME SIZE (IN)	ALLOWABLE PRESSURE	
	POSITIVE (PSF)	NEGATIVE (PSF)
XO OR OX UNITS		
(2) 73 X 62	30	30
(2) 73 X 50	37	49
(1) 73 X 38	37	49
XOX UNITS		
(2) 110 X 62	30	30
(2) 110 X 50	31	41

- (1) STEEL REINFORCEMENT ON BOTH MEETING STILES
(2) STEEL REINFORCEMENT ON THE OPERABLE MEETING STILE & ALUMINUM REINFORCEMENT ON THE FIXED MEETING STILE



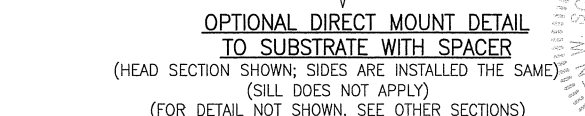
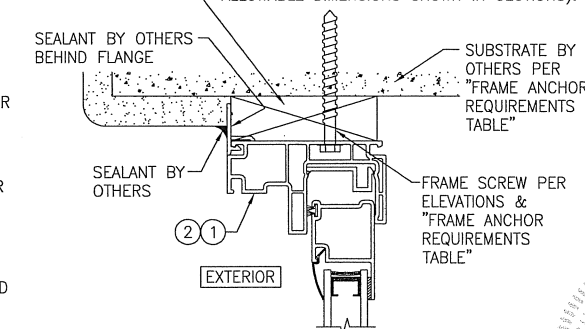
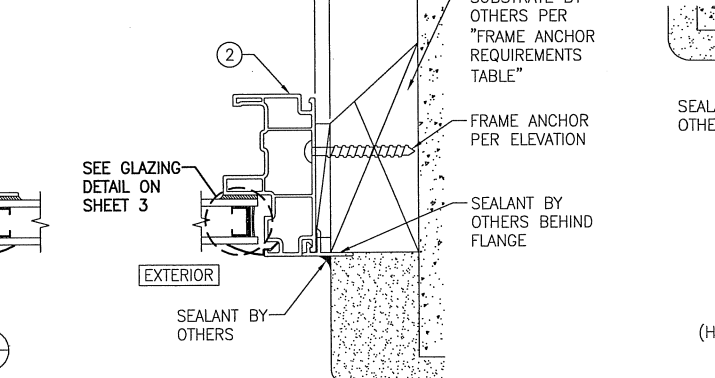
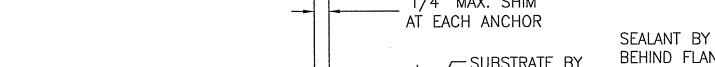
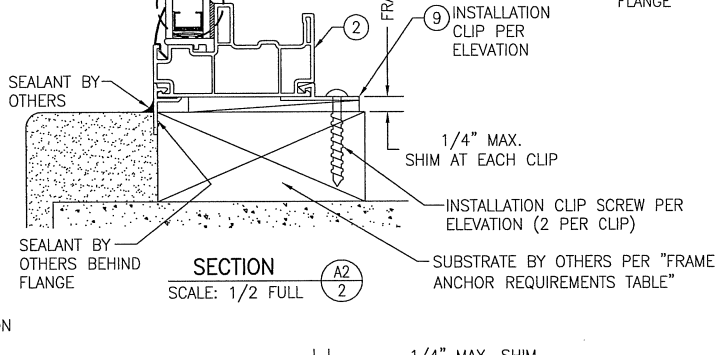
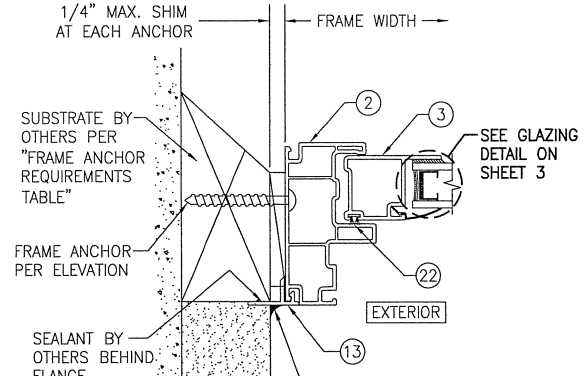
EXTERIOR ELEVATION:
XOX WINDOW

SCALE: 3/4" = 1'-0"

GENERAL NOTES:

- THIS PRODUCT HAS BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".
- OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
- 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.
- THIS PRODUCT HAS BEEN DESIGNED IN ACCORDANCE WITH AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) FOR NON-HIGH VELOCITY HURRICANE ZONES (NON-HVHZ).
- THIS PRODUCT IS NON-IMPACT RATED & MUST BE SHUTTERED WITH A FLORIDA CODE APPROVED SHUTTER WHERE REQUIRED BY CODE.
- 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.
- 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 Kd = 0.85 MAY BE APPLIED PER THE ASCE-7 STANDARD.
- MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE.
- 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.
- 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.

DRAWN BY: W.S.M.		CHECKED BY: W.S.M.	
PLOT: 1-16		DATE: 06/13/08	
DATE	BY	REVISION	DESCRIPTION
06/04/09	WWS	A1	UPDATED TO PRESENT TESTING
06/12/11	WWS	B1	UPDATED TO CURRENT STANDARDS
01/17/15	WWS	C1	UPDATED TO CURRENT STANDARDS
SERIES 10 VINYL NON-IMPACT FLANGED HORIZONTAL SLIDING WINDOW MANUFACTURER PELLA CORPORATION 2000 PROLINE PLACE GETTYSBURG, PA 17325 717-334-0099			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 130TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
CERTIFICATION NO. 44135 STATE OF FLORIDA W. W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1598		REV. C	
SHEET NO. 1		OF 3	



		CERTIFICATION I HEREBY CERTIFY THAT THE ABOVE IS A TRUE AND CORRECT COPY OF THE ORIGINAL AS SUBMITTED TO THE PENNSYLVANIA DEPARTMENT OF REVENUE FOR RECORDING.		DRAWING TITLE SERIES TO VINYL SLIDING WINDOW		DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
BRAWING NO. 1598		REV. C		SHEET NO. 2 OF 3		DATE: 06/13/08		PLOT: 1-2	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 1400 NORTH GASTON AVENUE PALM BEACH, FLORIDA 33418 PHONE: 561-744-3424		MANUFACTURER PELLA CORPORATION 2000 PROLINE PLACE GETTYSBURG, PA 17325 717-334-0099		NO.		REVISION		DESCRIPTION	
DATE		BY		DATE		BY		DATE	

