

GENERAL NOTES:

1. ALL FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
2. OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. THESE NON-IMPACT RATED PRODUCT INSTALLATIONS ARE IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC).
4. 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.
5. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE CHAPTER 20.
6. TO THE BEST OF OUR KNOWLEDGE, THE PRODUCT SHOWN HEREIN IS CERTIFIED & 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. PRODUCT ASSEMBLY IS NOT PART OF THIS DRAWING AND SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S QUALITY ASSURANCE SPECIFICATIONS & TESTING REPORTS.
7. CERTIFICATION OF THESE PRODUCT INSTALLATIONS SHALL BE CONSIDERED VOID IF ANY OF THE FOLLOWING APPLY: 1) PRODUCT IS INSTALLED WITHOUT A BUILDING PERMIT FROM THE APPLICABLE LOCAL BUILDING DEPARTMENT. 2) PRODUCT IS INSTALLED BY ANYONE OTHER THAN A LICENSED CONTRACTOR EXPERIENCED WITH INSTALLATIONS OF THIS TYPE OF PRODUCT. 3) IF CHANGES HAVE OCCURRED TO THE PRODUCT'S CERTIFICATION ENTITY'S CERTIFICATE THAT CAUSE THESE INSTALLATIONS TO BE INCORRECT OR INCONSISTENT WITH WHAT HAS BEEN TESTED.
8. THE LEAST DESIGN PRESSURE SPECIFIED EITHER IN THIS DRAWING OR IN THE PRODUCTS CERTIFICATION SHALL CONTROL FOR THE INSTALLED PRODUCT.
9. THESE DRAWINGS CERTIFY THE PRODUCT INSTALLATION ONLY. WATER PROOFING OF THE INSTALLED PRODUCT IS NOT PART OF THIS INSTALLATION CERTIFICATION. THAT RESPONSIBILITY SHALL BE THAT OF THE MANUFACTURER &/OR INSTALLER.

ALTERNATE ANCHOR/SUBSTRATE EVALUATION NOTE:

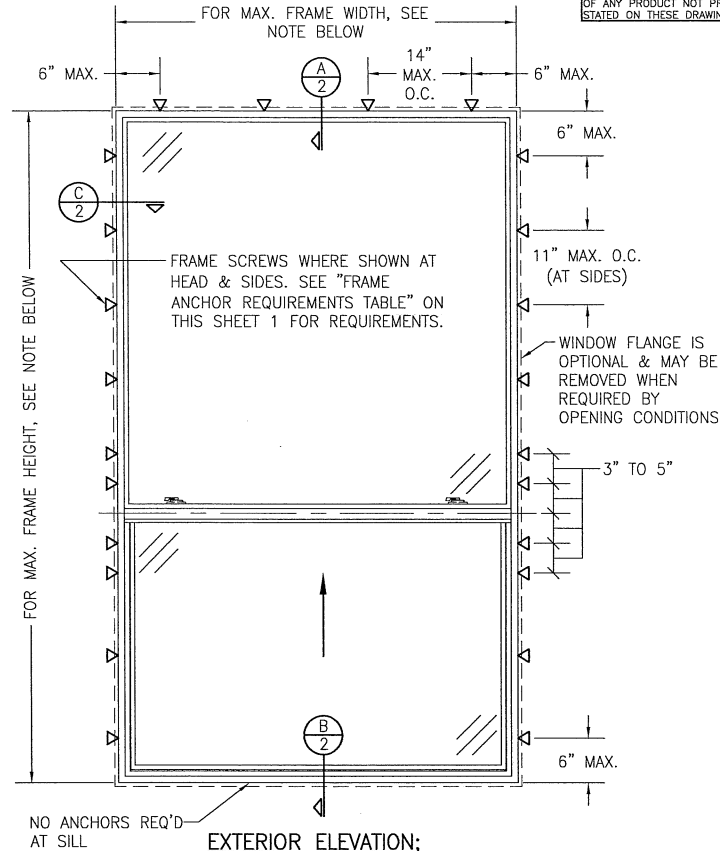
ALL ALTERNATE ANCHORS IN THEIR SPECIFIED SUBSTRATES HAVE BEEN ANALYZED IN ACCORDANCE WITH THEIR APPLICABLE STANDARD(S) AND ARE FOUND TO BE EQUIVALENT TO OR STRONGER THAN THE ANCHOR(S) USED IN TESTING WITH THIS PRODUCT.

INSTALLATION EVALUATION IS BASED ON APPLICABLE ANCHOR STANDARDS AND/OR INFORMATION & RESULTS FROM APPLICABLE TEST REPORTS. THE FLORIDA BUILDING CODE VERSION CONSIDERED WITH THE 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 THE REFERENCED PRODUCT, PRIOR TO STATING CODE COMPLIANCE WITH THE STATE, THE MANUFACTURER SHALL CONFIRM WITH THE INSTALLATION EVALUATION ENGINEER OF RECORD THAT THE INSTALLATIONS SPECIFIED HERE-IN ARE CURRENT WITH THE THEN CURRENT TESTING, CODE AND APPLICABLE STANDARDS.

FRAME ANCHOR REQUIREMENTS TABLE

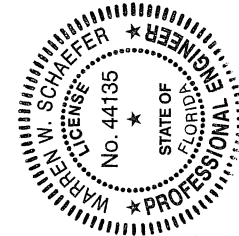
OPENING TYPE (SUBSTRATE)	FRAME TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
(1) FRAME SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 10 SMS OR WOOD SCREW	1 1/4"	3/4"
MIN. 18 GA. 33 KSI METAL STUD	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 10 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) FRAME SCREWS SHALL BE PAN HEAD OR HEX HEAD SCREW			
(2) 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.).			

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 STATED ON THESE DRAWINGS.



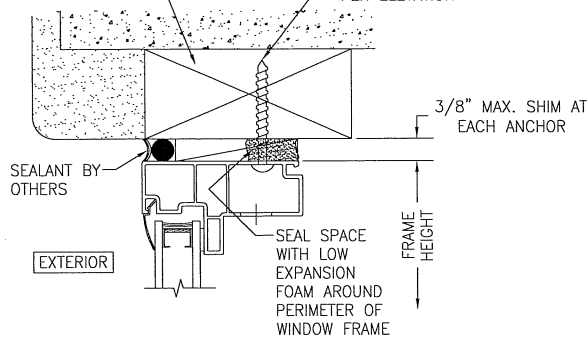
EXTERIOR ELEVATION:
SINGLE WINDOW
SCALE: 3/4" = 1'-0"

NOTE: FOR MAX. WINDOW FRAME DIMENSIONS AND ALLOWABLE DESIGN PRESSURE, SEE APPLICABLE FLORIDA APPROVAL

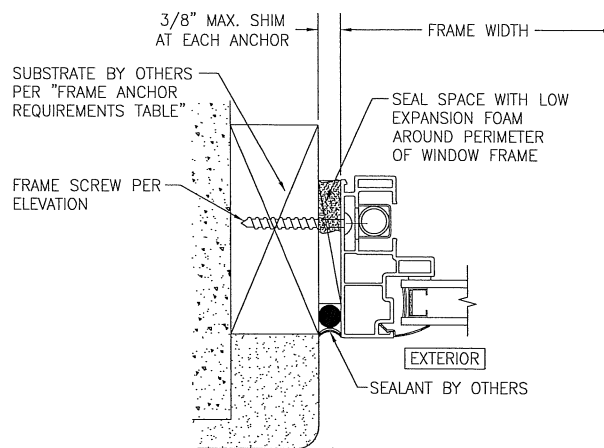


DRAWING NO. 1414		REV. E
SHEET NO. 1		OF 2
CERTIFICATION APR 12 2016 WARREN W. SCHAEFER, P.E. No. 44135		
DRAWING TITLE: THERMASTAR 10 SERIES SINGLE HUNG FLANGE NON-IMPACT WINDOW CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH, SUITE 13418 PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424 MANUFACTURER: PELLA CORPORATION 2000 PROLINE PLACE GETTYSBURG, PA 17325 717-334-0099		
DRAWN BY: S.S.H. WWS		
CHECKED BY: WWS		
DATE: 3/30/05		
PLOT: 1=16		
NO. REVISION DESCRIPTION A1 UPDATE TO 2004 CODE COMPLIANT B1 UPDATE TO PRESENT STANDARDS C1 UPDATE TO NEW TESTING D1 UPDATE TO NEW TESTING E1 UPDATE TO PRESENT STANDARDS		

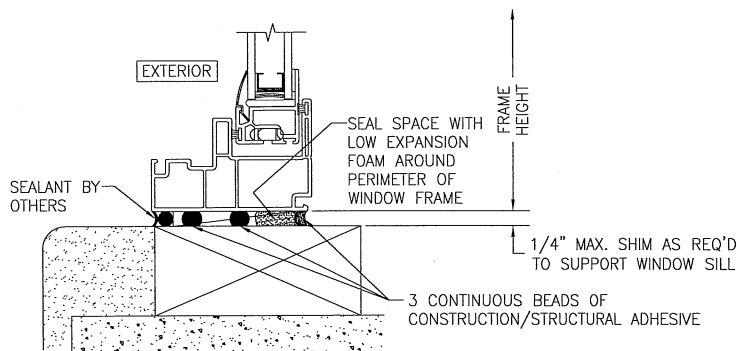
SUBSTRATE BY OTHERS
PER "FRAME ANCHOR
REQUIREMENTS TABLE"



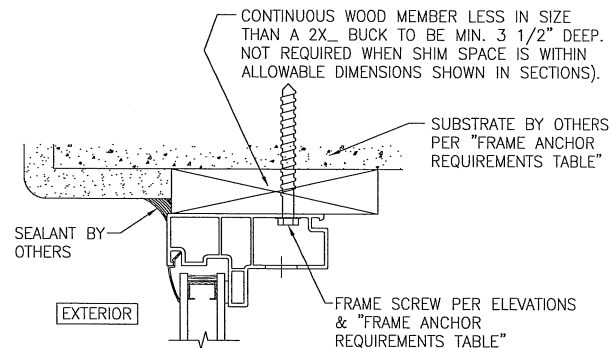
SECTION A
SCALE: 1/2 FULL



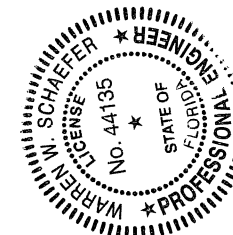
SECTION C
SCALE: 1/2 FULL



SECTION B
SCALE: 1/2 FULL



**OPTIONAL DIRECT MOUNT DETAIL
TO SUBSTRATE WITH SPACER**
(HEAD SECTION SHOWN, SIDES ARE INSTALLED THE SAME)
(SILL DOES NOT APPLY)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)



DRAWING TITLE		THERMASTAR 10 SERIES SINGLE HUNG FLANGE NON-IMPACT WINDOW	
DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 3/30/05	
NO.	REVISION	DESCRIPTION	BY
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
CONSULTANTS		PELLA CORPORATION	
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		2000 PROLINE PLACE	
7480 150TH COURT NORTH		GETTYSBURG, PA 17325	
PALM BEACH GARDENS, FL 33418		717-334-0099	
PHONE: 561-744-3424			
CERTIFICATION		APR 12 2016	
WARREN W. SCHAEFER, P.E.			
LICENSE NO. 44135			
STATE OF FLORIDA			
PROFESSIONAL ENGINEER			
DRAWING NO. 1414		REV. F	
SHEET NO. 2		OF 2	