

SH-300 IMPACT INSULATED GLASS

70 DP ANCHOR TABLE

Window Width	Window Height	Number of Anchors Across Head & Sill	Number of Anchors Across Jamb	Design Pressure Neg.	Design Pressure Pos.
24.000	36.000	2	3	-70.00	+70.00
24.000	48.000	2	4	-70.00	+70.00
24.000	60.000	2	5	-70.00	+70.00
24.000	72.000	2	6	-70.00	+70.00
24.000	75.000	2	6	-70.00	+70.00
36.000	36.000	3	3	-70.00	+70.00
36.000	48.000	3	4	-70.00	+70.00
36.000	60.000	3	5	-70.00	+70.00
36.000	72.000	3	6	-70.00	+70.00
36.000	75.000	3	6	-70.00	+70.00
52.000	36.000	4	3	-70.00	+70.00
52.000	48.000	4	4	-70.00	+70.00
52.000	60.000	4	5	-70.00	+70.00
52.000	72.000	4	6	-70.00	+70.00
52.000	75.000	4	6	-70.00	+70.00

NOTES:

- (1) THIS PRODUCT IS DESIGNED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE.
- (2) SHIM AS REQ'D AT EACH SET OF INSTALLATION ANCHORS USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT.
- (3) WINDOW MATERIAL : PVC.
- (4) 3/16" DIA. CONCRETE SREW ANCHORS MUST BE OF SUFFICIENT LENGTH TO ACHIEVE A MIN. EMBEDMENT OF 1 1/4" INTO CONCRETE OR MASONRY FOR 1 X WOOD BUCK OR A MIN. EMBEDMENT OF 1 1/4" INTO SOLID WOOD FOR 2 X BUCK OR WOOD FRAMED OPENINGS (GREATER THAN 1 3/8" THICK).
- (5) ALL FACTORY APPLIED HOLES IN FRAME MEMBERS NOT DESIGNATED FOR CONCRETE SREW ANCHORS SHOULD BE FILLED WITH #10 SCREWS OF SUFFICIENT LENGTH TO ACHIEVE A MIN. EMBEDMENT OF 1-1/2" INTO WOOD BUCK.
- (6) USE LATEX CAULK OR EQUIVALENT FOR PERIMETER SEAL AROUND EXTERIOR OF WINDOW.
- (7) WHEN INSTALLING INTO STEEL OR ALUMINUM, #12 SMS MUST HAVE SUFFICIENT LENGTH SO THAT THERE IS FULL THREAD ENGAGEMENT THROUGH THE METAL.
- (8) IF EXACT WINDOW SIZE IS NOT LISTED IN ANCHOR CHART, USE THE NEXT SIZE LARGER WINDOW FOR ANCHOR QUANTY.
- (9) GLASS COMPLIES WITH ASTM E-1300 GLASS CHART REQUIREMENTS.
- INSULATED GLASS: 1/8" ANNEALED 5/8 AS X 1/8 ANNEALED 7/8 OAT
- (10) ALL SCREWS AND ANCHORS BE MADE OF CORROSION RESISTANT MATERIAL OR COATING
- (11) ALL WINDOWS INSTALLED IN A STRUCTURE WITHIN 3000 FT OF THE COASTLING MUST ADHERE TO CHAPTER 17, SECTION 1711 OF THE CURRENT FLORIDA BUILDING CODE.
- (12) NOT ALL CONFIGURATIONS LISTED ON ANCHOR CHART ARE SHOWN ON THIS DRAWING. HOWEVER, INSTALLATION SECTION A-A & B-B APPLY TO ALL CONFIGURATIONS.
- (13) SOME WINDOWS USE A SNAP FLANGE. THE SEAM BETWEEN THE SNAP FLANGE AND THE WINDOW FRAME SHALL BE CAULKED. SEAL THE JOINTS ON THE SNAP ON ON SILL COVER.

ANCHOR DETAILS

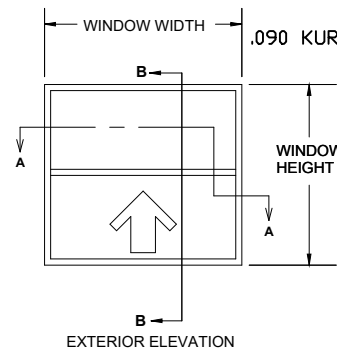
APPLICATION	ANCHOR	EDGE DIST.	MIN. EMBEDMENT	MAX. SHIM SPACE
MASONRY W/1 BY WOOD BUCK	3/16" CONC.	2.5"	1.25"	0.25"
MASONRY W/2 BY WOOD BUCK	#10 WOOD	1.5"	1.50"	0.25"
MASONRY	3/16" CONC.	2.5"	1.25"	0.25"
METAL	#12 SMS	0.75"	.045" (THICK)	0.25"
2 BY WOOD FRAMING BUCK	#10 WOOD	1.5"	1.50"	0.25"

NOTES ON ANCHOR CALCULATIONS:

- (1) CALCULATIONS DERIVED FROM TESTED UNIT
DH-500 TEST REPORT # NCTL-110-14896-1,2,3,4,5
TESTING WAS COMPLETED WITH THE REMOVABLE SCREENS INSTALLED.
NAMI # NIO11055.
- (2) THE QUANTITY OF ANCHORS ARE FOR EACH SIDE, NOT TOTAL QUANTITY.
- (3) MAX. SPACING AT HEAD CORNER IS 6".
- (4) MAX. SPACING AT JAMB CORNER IS 6".
- (5) MAX. SPACING ACROSS HEAD AND SILL IS 12".
- (6) MAX. SPACING ACROSS JAMBS IS 13".

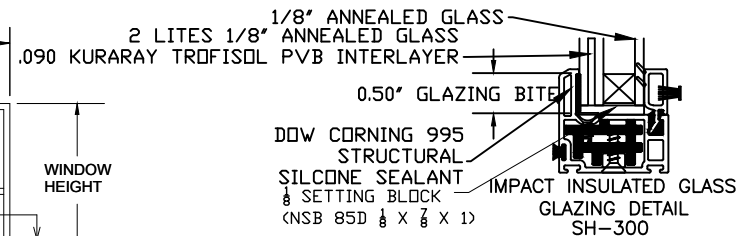


Digitally signed
by Mark A Smith
Date: 2026.10.06
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EXTERIOR ELEVATION

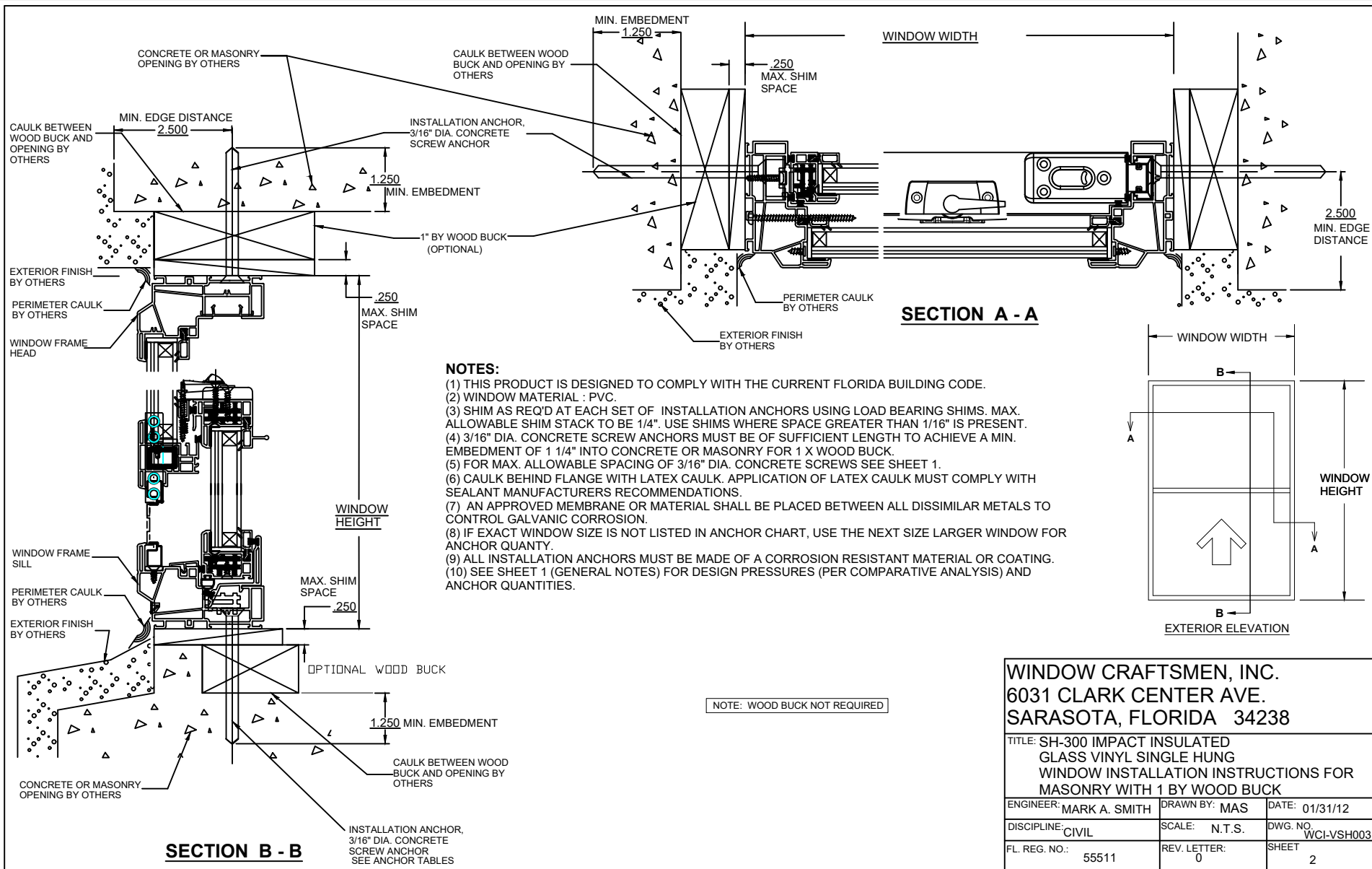
This item has been digitally signed and sealed by Mark Alexander Smith, P.E. on the date adjacent to the seal.
Printed Copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

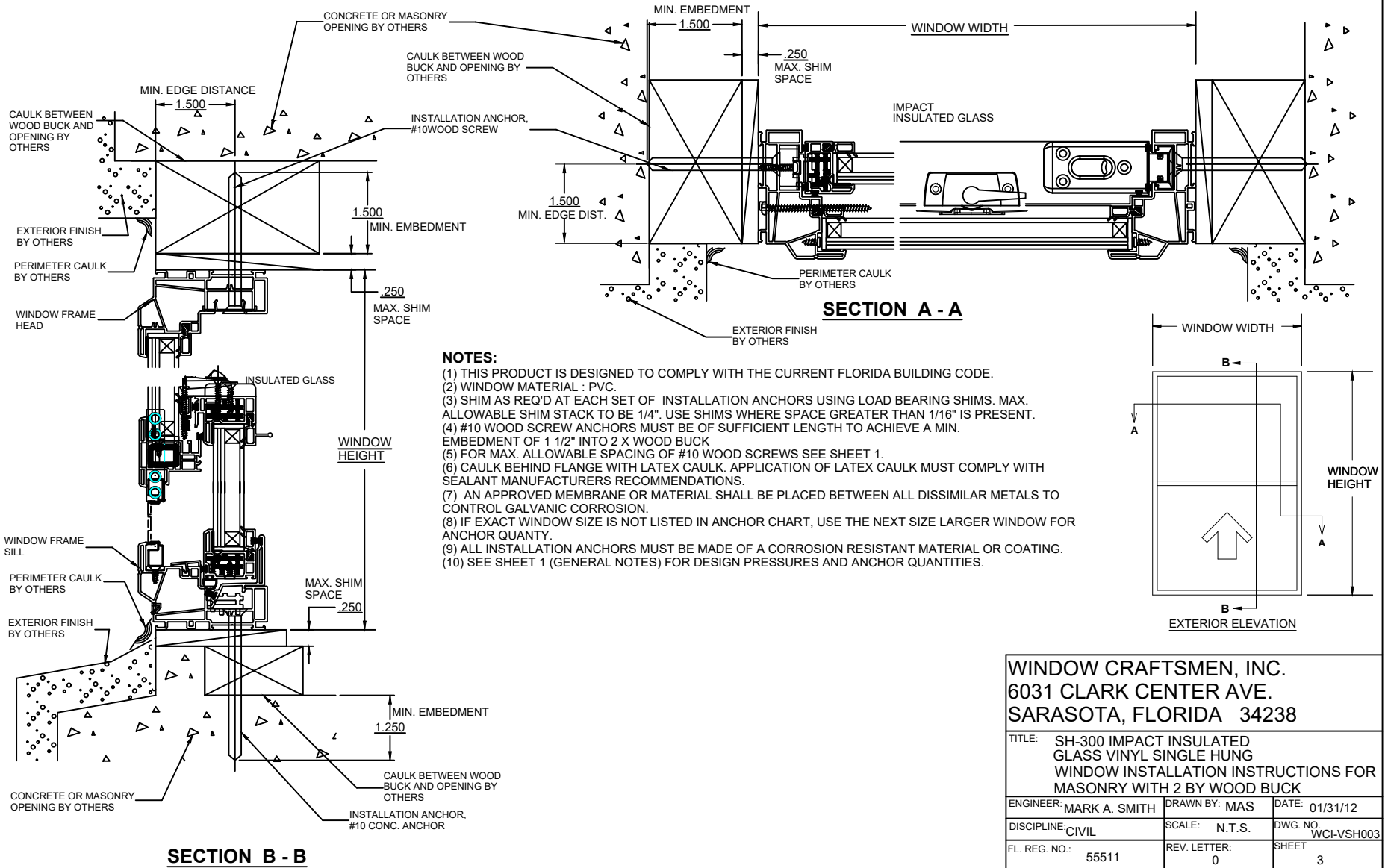


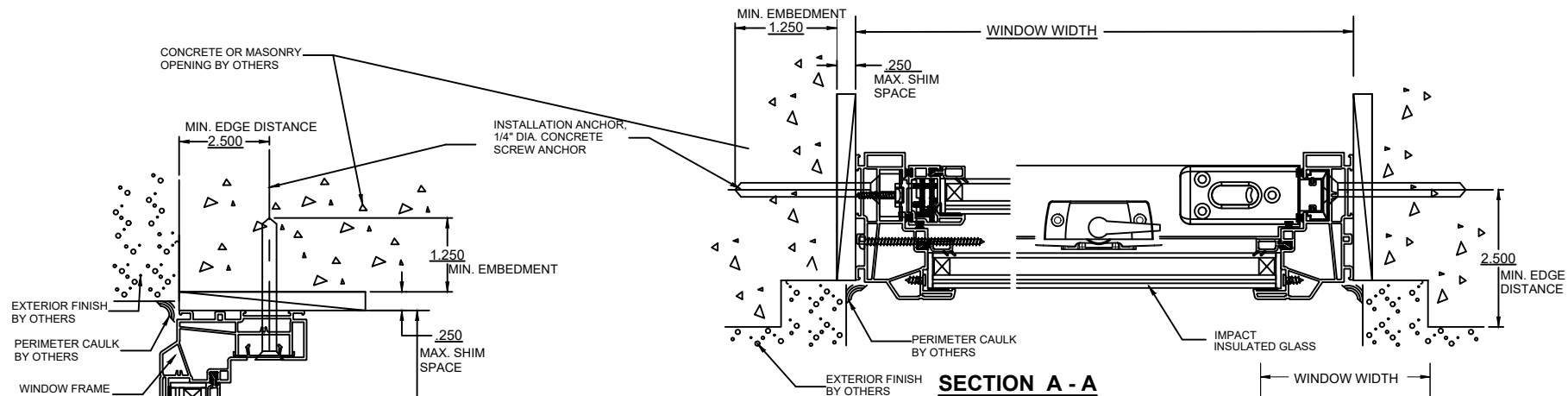
WINDOW CRAFTSMEN, INC.
6031 CLARK CENTER AVE.
SARASOTA, FLORIDA 34238

TITLE: SH-300 IMPACT INSULATED GLASS VINYL SINGLE HUNG WINDOW INSTALLATION INSTRUCTIONS FOR NOTES AND ANCHOR SPECIFICATIONS		
ENGINEER: MARK A. SMITH	DRAWN BY: MAS	DATE: 03/25/12
DISCIPLINE: CIVIL	SCALE: N.T.S.	DWG. NO. WCI-VSH003
FL. REG. NO.: 55511	REV. LETTER: 0	SHEET 1

MARK A. SMITH, P.E. 64 EAST MAIN STREET, CAMBRIDGE NY, 12816 PH 941-993-9620

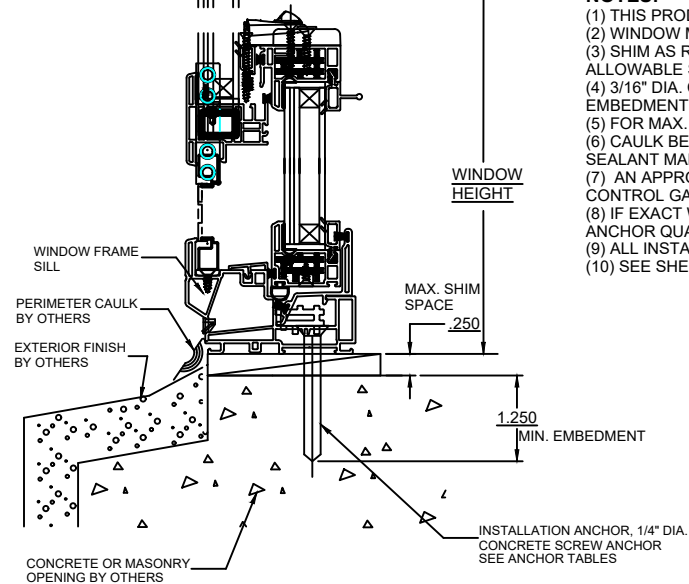
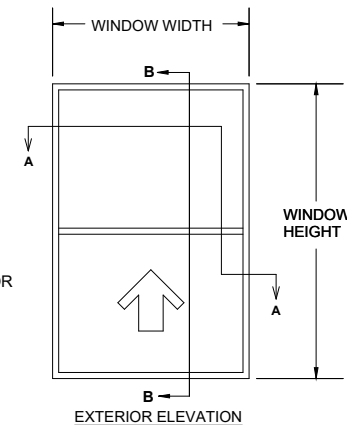






NOTES:

- (1) THIS PRODUCT IS DESIGNED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE.
- (2) WINDOW MATERIAL : PVC.
- (3) SHIM AS REQ'D AT EACH SET OF INSTALLATION ANCHORS USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT.
- (4) 3/16" DIA. CONCRETE SCREW ANCHORS MUST BE OF SUFFICIENT LENGTH TO ACHIEVE A MIN. EMBEDMENT OF 1 1/4" INTO CONCRETE OR MASONRY FOR 1 X WOOD BUCK.
- (5) FOR MAX. ALLOWABLE SPACING OF 3/16" DIA. CONCRETE SCREWS SEE SHEET 1.
- (6) CAULK BEHIND FLANGE WITH LATEX CAULK. APPLICATION OF LATEX CAULK MUST COMPLY WITH SEALANT MANUFACTURERS RECOMMENDATIONS.
- (7) AN APPROVED MEMBRANE OR MATERIAL SHALL BE PLACED BETWEEN ALL DISSIMILAR METALS TO CONTROL GALVANIC CORROSION.
- (8) IF EXACT WINDOW SIZE IS NOT LISTED IN ANCHOR CHART, USE THE NEXT SIZE LARGER WINDOW FOR ANCHOR QUANTITY.
- (9) ALL INSTALLATION ANCHORS MUST BE MADE OF A CORROSION RESISTANT MATERIAL OR COATING.
- (10) SEE SHEETS 1 (GENERAL NOTES) FOR DESIGN PRESSURES AND ANCHOR QUANTITIES.

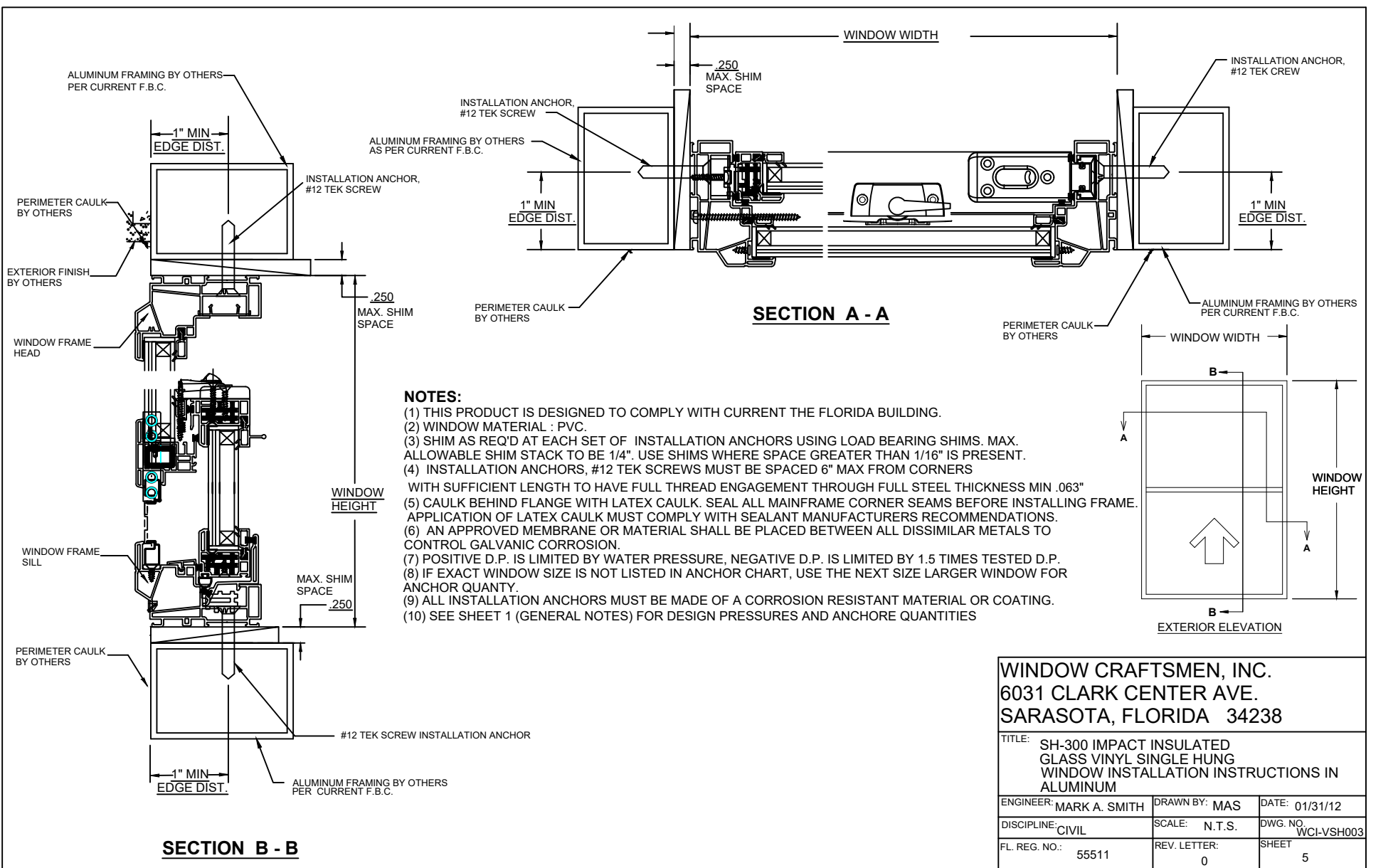


SECTION B - B

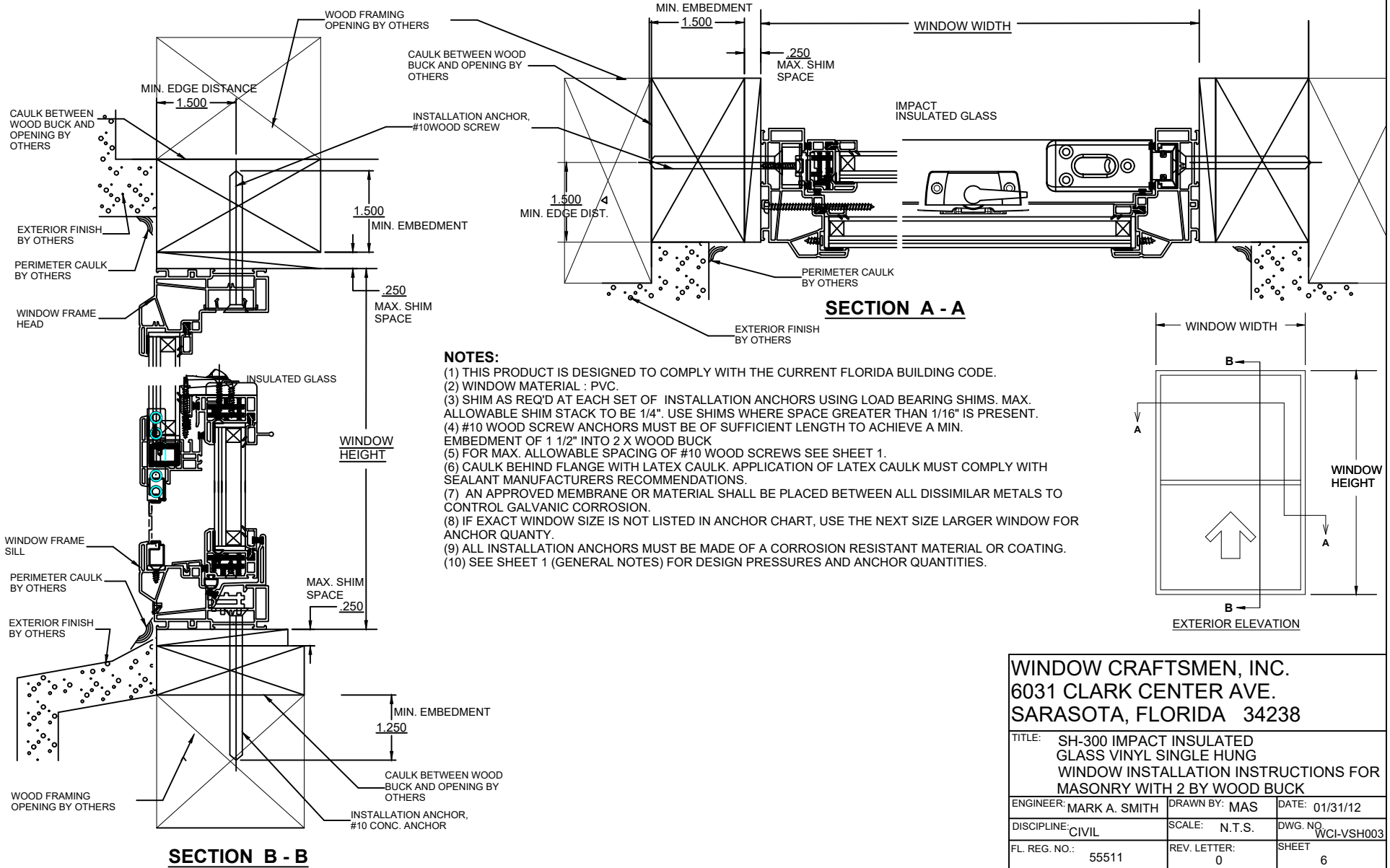
WINDOW CRAFTSMEN, INC.
6031 CLARK CENTER AVE.
SARASOTA, FLORIDA 34238

**TITLE: SH-300 IMPACT INSULATED
 GLASS VINYL SINGLE HUNG
 WINDOW INSTALLATION INSTRUCTIONS IN
 MASONRY**

ENGINEER: MARK A. SMITH	DRAWN BY: MAS	DATE: 01/31/12
DISCIPLINE: CIVIL	SCALE: N.T.S.	DWG. NO. WCI-VSH003
FL. REG. NO.: 55511	REV. LETTER: 0	SHEET 4



WINDOW CRAFTSMEN, INC. 6031 CLARK CENTER AVE. SARASOTA, FLORIDA 34238		
TITLE: SH-300 IMPACT INSULATED GLASS VINYL SINGLE HUNG WINDOW INSTALLATION INSTRUCTIONS IN ALUMINUM		
ENGINEER: MARK A. SMITH	DRAWN BY: MAS	DATE: 01/31/12
DISCIPLINE: CIVIL	SCALE: N.T.S.	DWG. NO. WCI-VSH003
FL. REG. NO.: 55511	REV. LETTER: 0	SHEET 5



WINDOW CRAFTSMEN, INC. 6031 CLARK CENTER AVE. SARASOTA, FLORIDA 34238		
TITLE: SH-300 IMPACT INSULATED GLASS VINYL SINGLE HUNG WINDOW INSTALLATION INSTRUCTIONS FOR MASONRY WITH 2 BY WOOD BUCK		
ENGINEER: MARK A. SMITH	DRAWN BY: MAS	DATE: 01/31/12
DISCIPLINE: CIVIL	SCALE: N.T.S.	DWG. NO. WCI-VSH003
FL. REG. NO.: 55511	REV. LETTER: 0	SHEET 6