

SH-300 IMPACT INSULATED GLASS

70 DP ANCHOR TABLE

Number of Anchors

Design

Design

Window. **Window** **Across** **Across** **Pressure** **Design**
Width. **Height** **Head & Sill** **Jambs** **Neg.** **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

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"

NOTES ON ANCHOR CALCULATIONS:

- (1) CALCULATIONS DERIVED FROM TESTED UNIT
DH-500 TEST REPORT # NCTL-110-14896-1,2,3,4,5
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".



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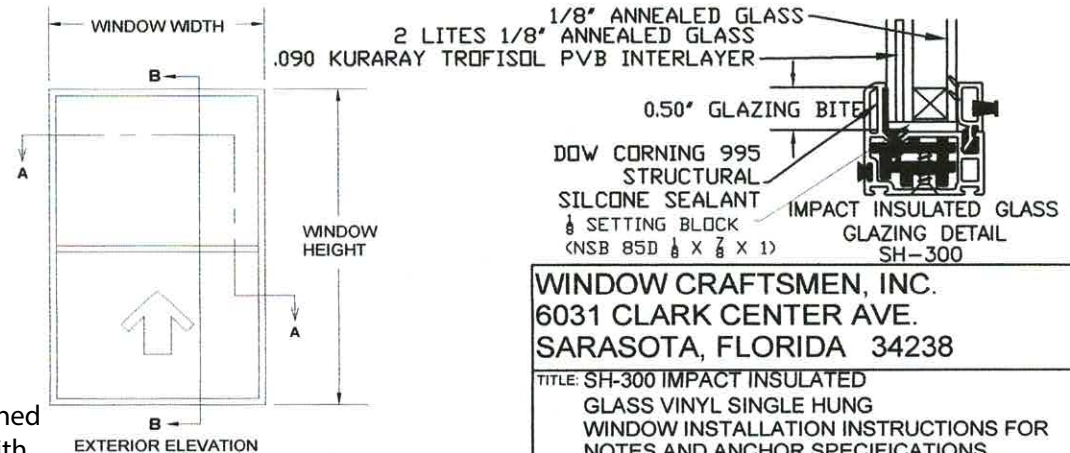
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NOTES:

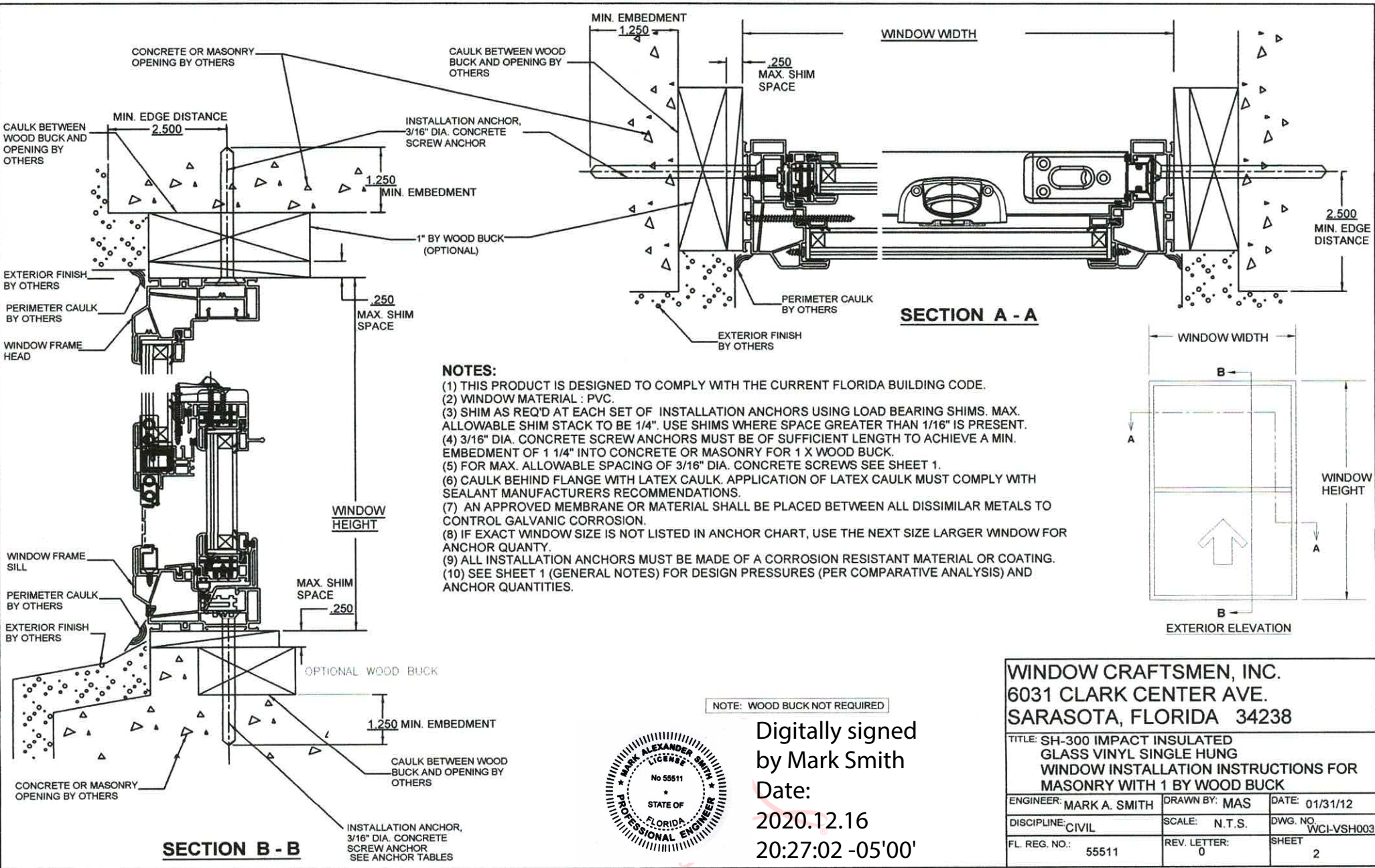
- (1) THIS PRODUCT IS DESIGNED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE.
- (2) SHIM AS REQ'D AT EACH SET OF INSTALLATION ANCHORS USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT.
- (3) WINDOW MATERIAL : PVC.
- (4) 3/16" DIA. CONCRETE 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 SCREW 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, #10 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 QUANTITY.
- (9) GLASS COMPLIES WITH ASTM E-1300 GLASS CHART REQUIREMENTS.
INSULATED GLASS/LAMINATED: 1/8" ANNEALED X .090 PVB X 1/8" ANNEALED 7/16 AS X 1/8 ANNEALED 7/8 OAT.
- (10) ALL INSTALLATION ANCHORS MUST BE MADE OF A CORROSION RESISTANT MATERIAL OR COATING.
- (11) NOT ALL CONFIGURATIONS LISTED ON ANCHOR CHART ARE SHOWN ON THIS DRAWING. HOWEVER, INSTALLATION SECTION A-A & B-B APPLY TO ALL CONFIGURATIONS.



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



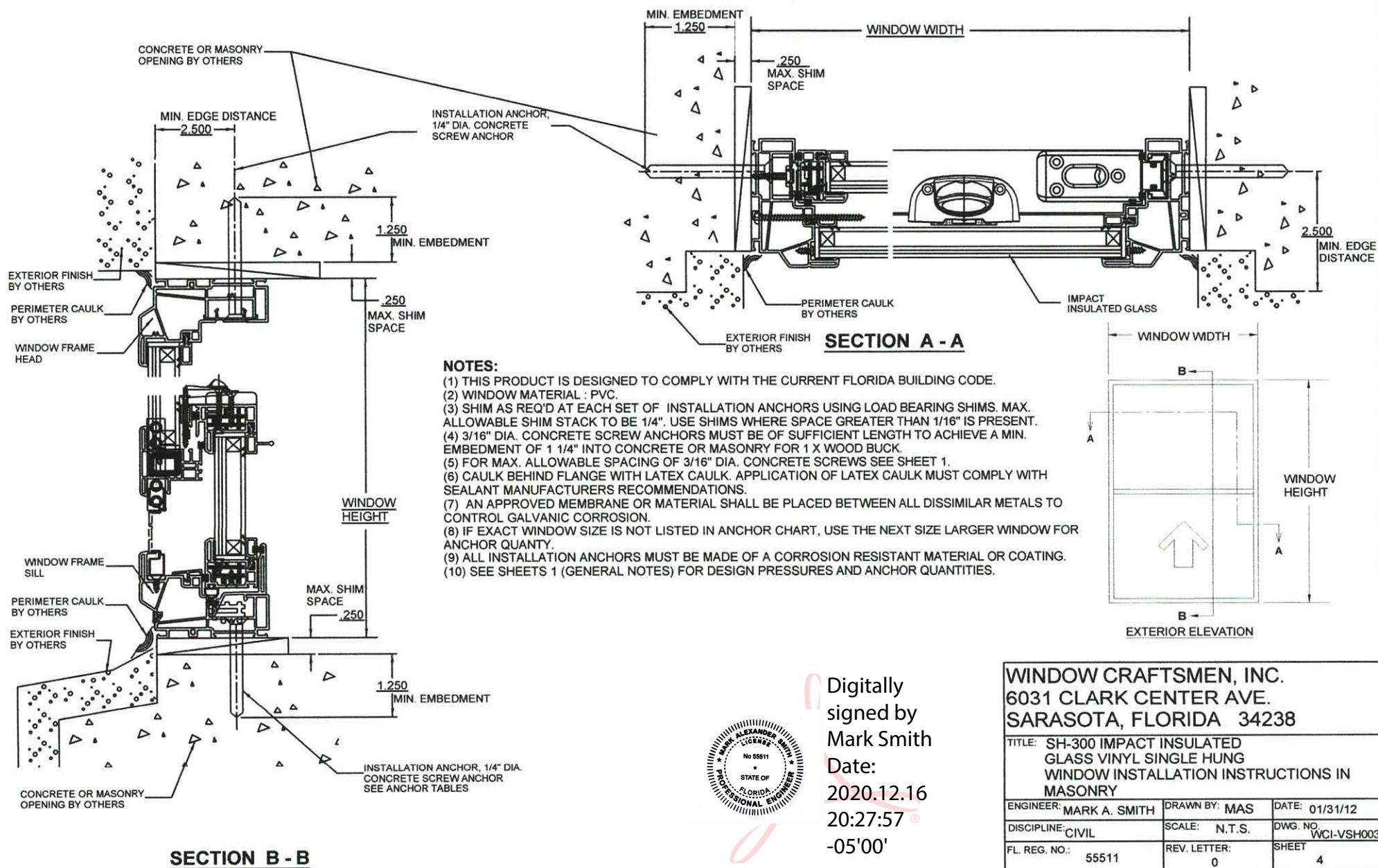
- NOTES:**
- (1) THIS PRODUCT IS DESIGNED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE.
 - (2) WINDOW MATERIAL : PVC.
 - (3) SHIM AS REQ'D AT EACH SET OF INSTALLATION ANCHORS USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT.
 - (4) 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 QUANTY.
 - (9) ALL INSTALLATION ANCHORS MUST BE MADE OF A CORROSION RESISTANT MATERIAL OR COATING.
 - (10) SEE SHEET 1 (GENERAL NOTES) FOR DESIGN PRESSURES (PER COMPARATIVE ANALYSIS) AND ANCHOR QUANTITIES.

NOTE: WOOD BUCK NOT REQUIRED



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by Mark Smith
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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 1 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 2



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signed by
Mark Smith
Date:
2020.12.16
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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

