

PW-400 INSULATED GLASS 70 DP

ANCHOR TABLE

Window Width.	Window Height	Number of Anchors Across Head & Sill	Number of Anchors Across Jambs	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	77.000	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	77.000	3	6	-70.00	+70.00
44.000	36.000	4	3	-70.00	+70.00
44.000	48.000	4	4	-70.00	+70.00
44.000	60.000	4	5	-70.00	+70.00
44.000	72.000	4	6	-70.00	+70.00
44.000	77.000	4	6	-70.00	+70.00
53.000	36.000	5	3	-70.00	+70.00
53.000	48.000	5	4	-70.00	+70.00
53.000	60.000	5	5	-70.00	+70.00
53.000	72.000	5	6	-70.00	+70.00
53.000	77.000	5	6	-70.00	+70.00

ANCHOR DETAILS

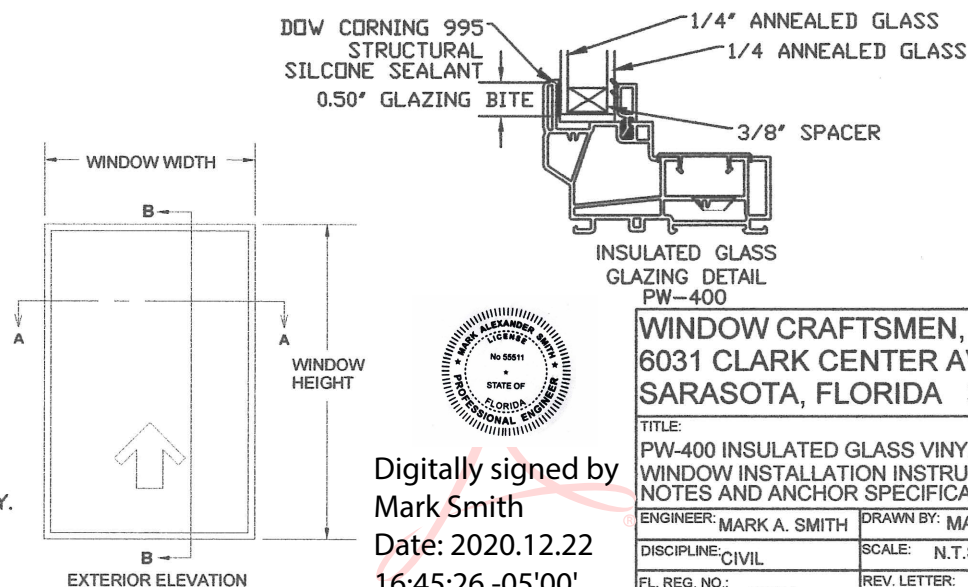
APPLICATION	ANCHOR	EDGE DIST.	MIN. EMBEDMENT	MAX. SHIM SPACE
MASONRY W/1 BY WOOD BUCK	1/4" CONC.	2.0"	1.25"	0.25"
MASONRY W/2 BY WOOD BUCK	#12 WOOD	1.5"	1.50"	0.25"
MASONRY	1/4" CONC.	2.0"	1.25"	0.25"
METAL	#12 SMS	1.0"	.045" (THICK)	0.25"

NOTES ON ANCHOR CALCULATIONS:

- (1) CALCULATIONS DERIVED FROM TESTED UNIT
PW-400 TEST REPORT # NCTL-110-14728-7 NAMI # NI010967.01.
- (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".

NOTES:

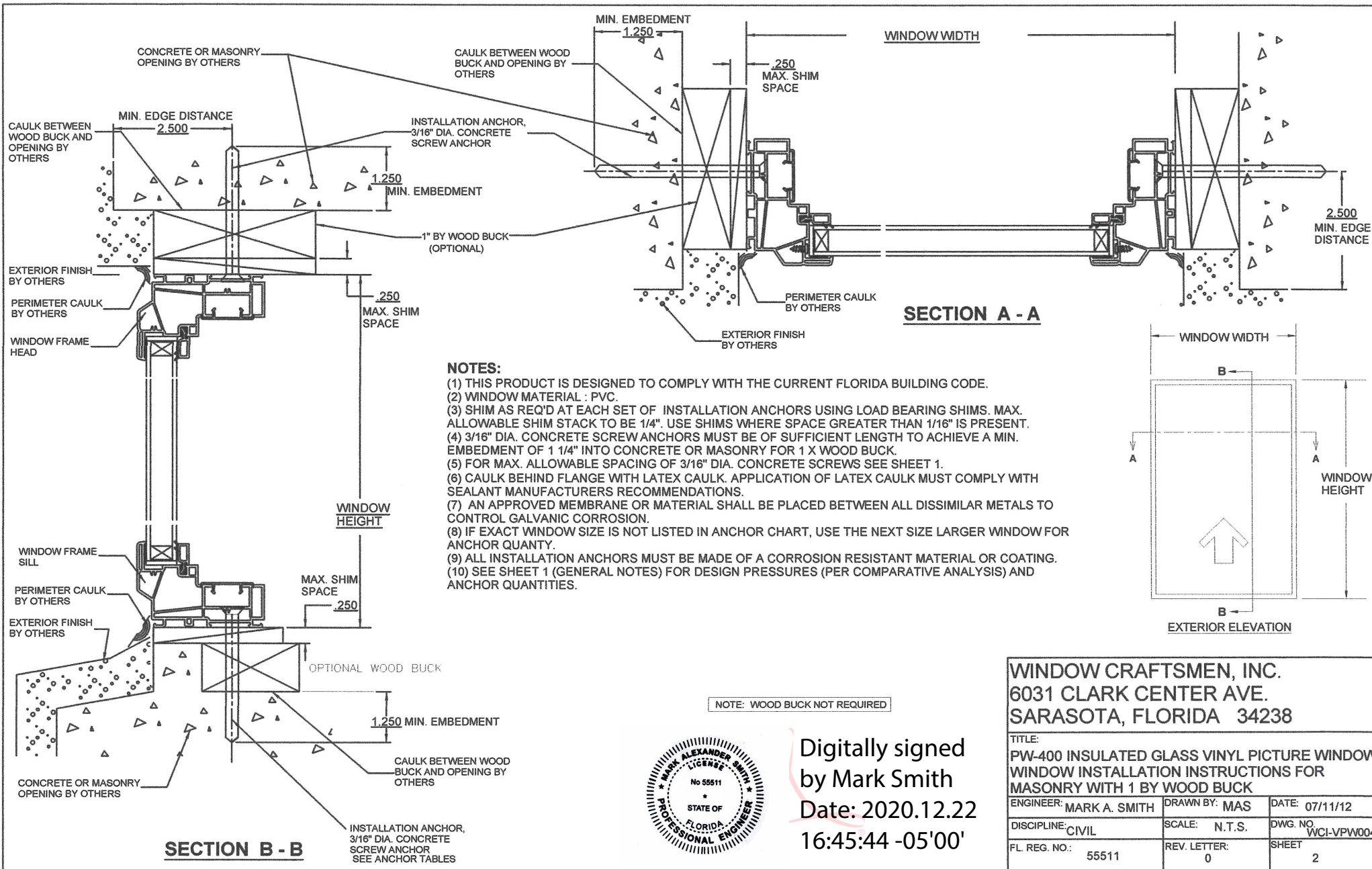
- (1) THIS PRODUCT IS DESIGNED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE.
- (2) SHIM AS REQ'D AT EACH SET OF INSTALLATION ANCHORS USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT.
- (3) WINDOW MATERIAL : PVC.
- (4) 3/16" DIA. CONCRETE 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, #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-1300-04 GLASS CHART REQUIREMENTS.
INSULATED GLASS: 1/4" ANNEALED 3/8 AS X 1/4 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.

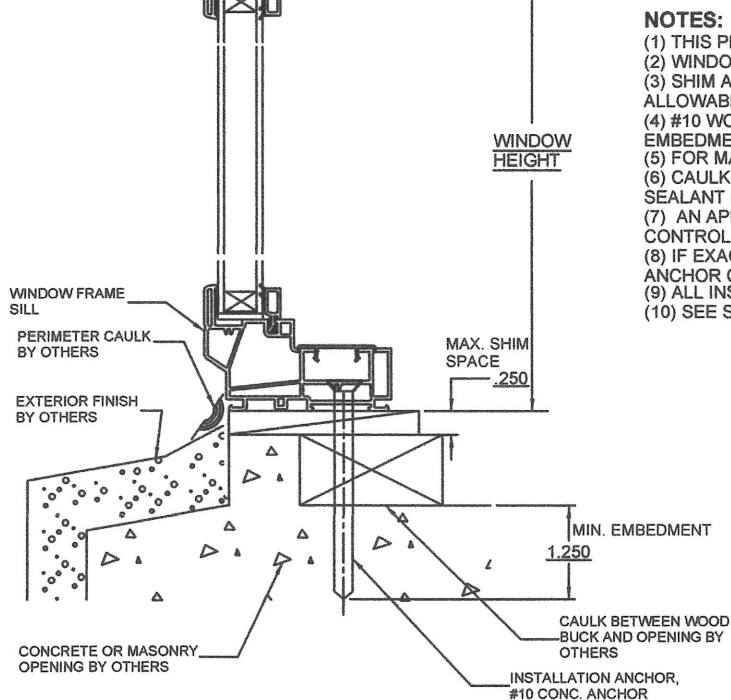
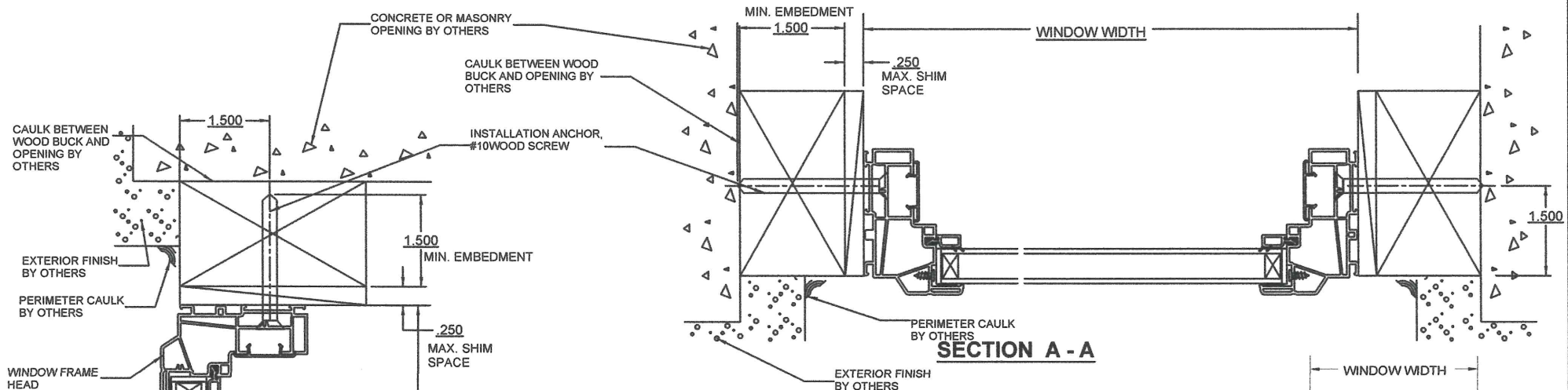


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Mark Smith
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WINDOW CRAFTSMEN, INC.
6031 CLARK CENTER AVE.
SARASOTA, FLORIDA 34238

TITLE: PW-400 INSULATED GLASS VINYL PICTURE WINDOW WINDOW INSTALLATION INSTRUCTIONS FOR NOTES AND ANCHOR SPECIFICATIONS		
ENGINEER: MARK A. SMITH	DRAWN BY: MAS	DATE: 07/11/12
DISCIPLINE: CIVIL	SCALE: N.T.S.	DWG. NO. VCI-VPW004
FL. REG. NO.: 55511	REV. LETTER: 0	SHEET 1



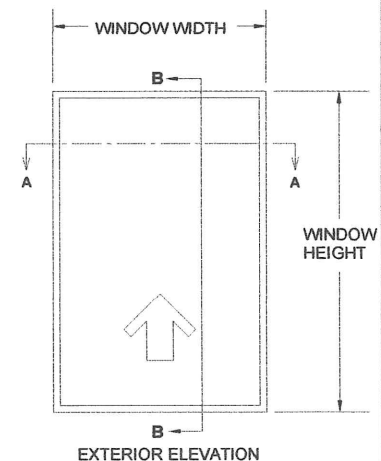


SECTION B-B

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) #10 WOOD SCREW ANCHORS MUST BE OF SUFFICIENT LENGTH TO ACHIEVE A MIN. EMBEDMENT OF 1 1/2" INTO 2 X WOOD BUCK
- (5) FOR MAX. ALLOWABLE SPACING OF #10 WOOD 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 SHEET 1 (GENERAL NOTES) FOR DESIGN PRESSURES AND ANCHOR QUANTITIES.

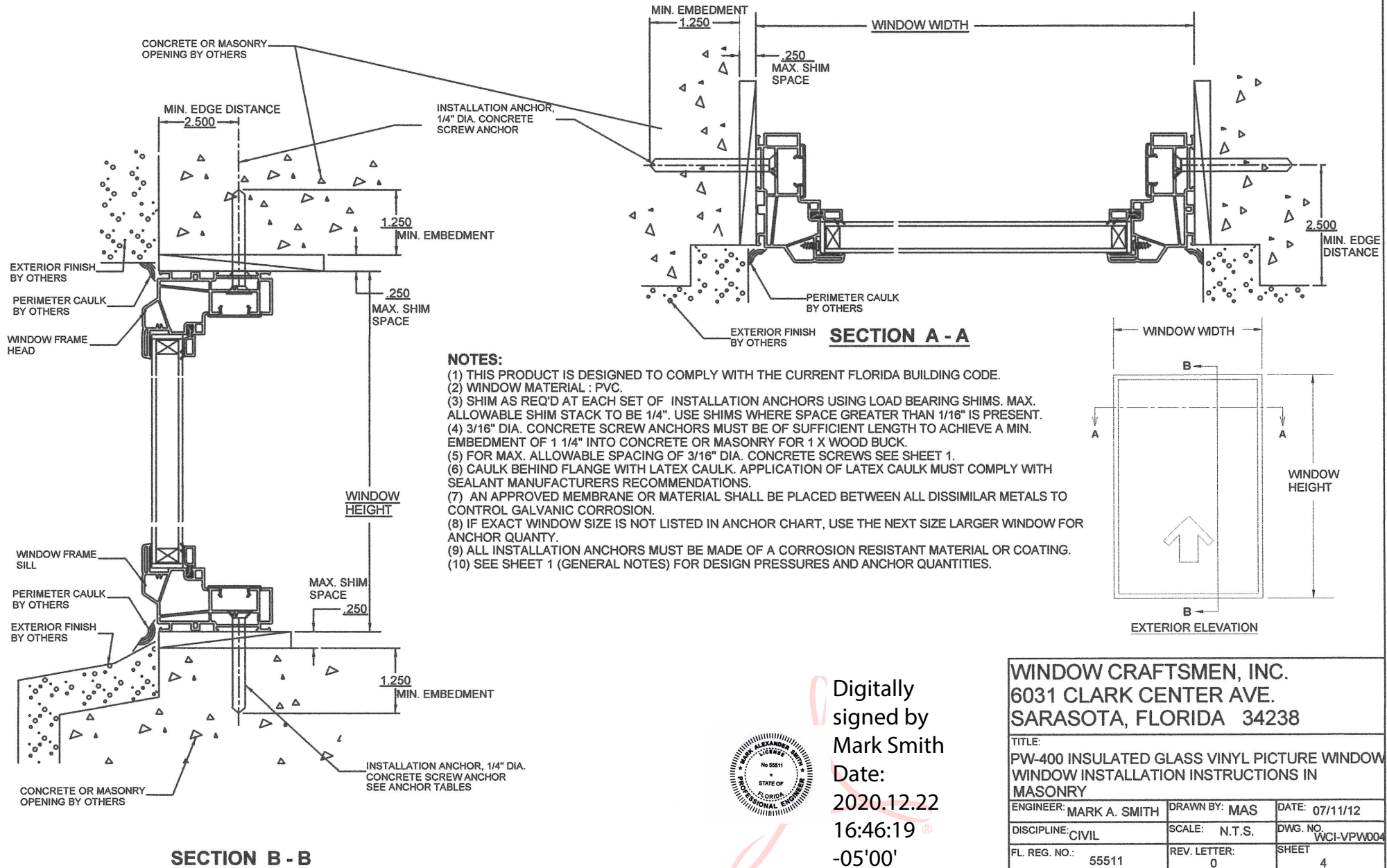
SECTION A-A



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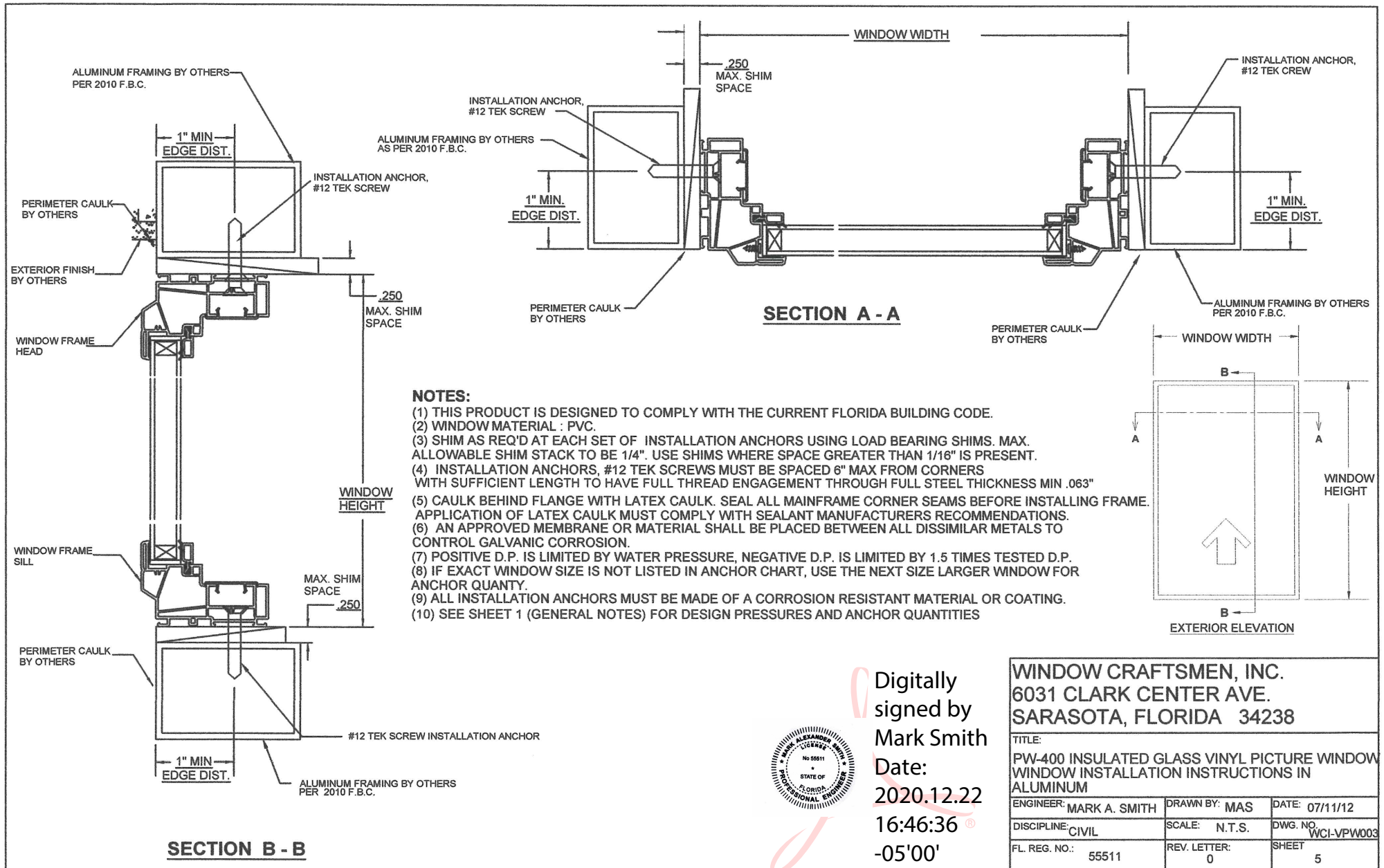
WINDOW CRAFTSMEN, INC.
6031 CLARK CENTER AVE.
SARASOTA, FLORIDA 34238

TITLE: PW-400 INSULATED GLASS VINYL PICTURE WINDOW WINDOW INSTALLATION INSTRUCTIONS FOR MASONRY WITH 2 BY WOOD BUCK		
ENGINEER: MARK A. SMITH	DRAWN BY: MAS	DATE: 07/11/12
DISCIPLINE: CIVIL	SCALE: N.T.S.	DWG. NO. WCI-VPW004
FL. REG. NO.: 55511	REV. LETTER: 0	SHEET 3



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Mark Smith
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WINDOW CRAFTSMEN, INC. 6031 CLARK CENTER AVE. SARASOTA, FLORIDA 34238		
TITLE: PW-400 INSULATED GLASS VINYL PICTURE WINDOW WINDOW INSTALLATION INSTRUCTIONS IN MASONRY		
ENGINEER: MARK A. SMITH	DRAWN BY: MAS	DATE: 07/11/12
DISCIPLINE: CIVIL	SCALE: N.T.S.	DWG. NO. WCI-VPW004
FL. REG. NO.: 55511	REV. LETTER: 0	SHEET 4



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Mark Smith
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WINDOW CRAFTSMEN, INC. 6031 CLARK CENTER AVE. SARASOTA, FLORIDA 34238		
TITLE: PW-400 INSULATED GLASS VINYL PICTURE WINDOW WINDOW INSTALLATION INSTRUCTIONS IN ALUMINUM		
ENGINEER: MARK A. SMITH	DRAWN BY: MAS	DATE: 07/11/12
DISCIPLINE: CIVIL	SCALE: N.T.S.	DWG. NO. WCI-VPW003
FL. REG. NO.: 55511	REV. LETTER: 0	SHEET 5