

VINYL AWNING IMPACT/IG GLASS 50 DP

ANCHOR TABLE

Number of Anchors

Design

Design

<u>Window.</u> <u>Width.</u>	<u>Window</u> <u>Height</u>	<u>Across</u> <u>Head & Sill</u>	<u>Across</u> <u>Jamb</u>	<u>Pressure</u> <u>Neg.</u>	<u>Pressure</u> <u>Pos.</u>
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18.000	18.000	2	2	-50.00	+50.00
18.000	24.000	2	2	-50.00	+50.00
18.000	30.000	2	2	-50.00	+50.00
18.000	32.000	2	2	-50.00	+50.00
24.000	18.000	2	2	-50.00	+50.00
24.000	24.000	2	2	-50.00	+50.00
24.000	30.000	2	2	-50.00	+50.00
24.000	32.000	2	2	-50.00	+50.00
30.000	18.000	2	2	-50.00	+50.00
30.000	24.000	2	2	-50.00	+50.00
30.000	30.000	2	2	-50.00	+50.00
30.000	32.000	2	2	-50.00	+50.00
36.000	18.000	2	2	-50.00	+50.00
36.000	24.000	2	2	-50.00	+50.00
36.000	30.000	2	2	-50.00	+50.00
36.000	32.000	2	2	-50.00	+50.00
42.000	18.000	3	2	-50.00	+50.00
42.000	24.000	3	2	-50.00	+50.00
42.000	30.000	3	2	-50.00	+50.00
42.000	32.000	3	2	-50.00	+50.00
48.000	18.000	3	2	-50.00	+50.00
48.000	24.000	3	2	-50.00	+50.00
48.000	30.000	3	2	-50.00	+50.00
48.000	32.000	3	2	-50.00	+50.00

NOTES ON ANCHOR CALCULATIONS:

(1) CALCULATIONS DERIVED FROM TESTED UNIT

A100 IMPACT TEST REPORT # 94289.03-501-44 NAMI # NI014325

A101 TEST REPORT # 94343.04-501-44 NAMI # NI014326

(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 18".

(6) MAX. SPACING ACROSS JAMBS IS 20".

(7) MIN. DISTANCE TO EDGE OF ANCHOR IS 2-1/2" (SEE DETAILS)

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 QUANTITY.

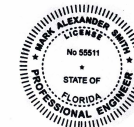
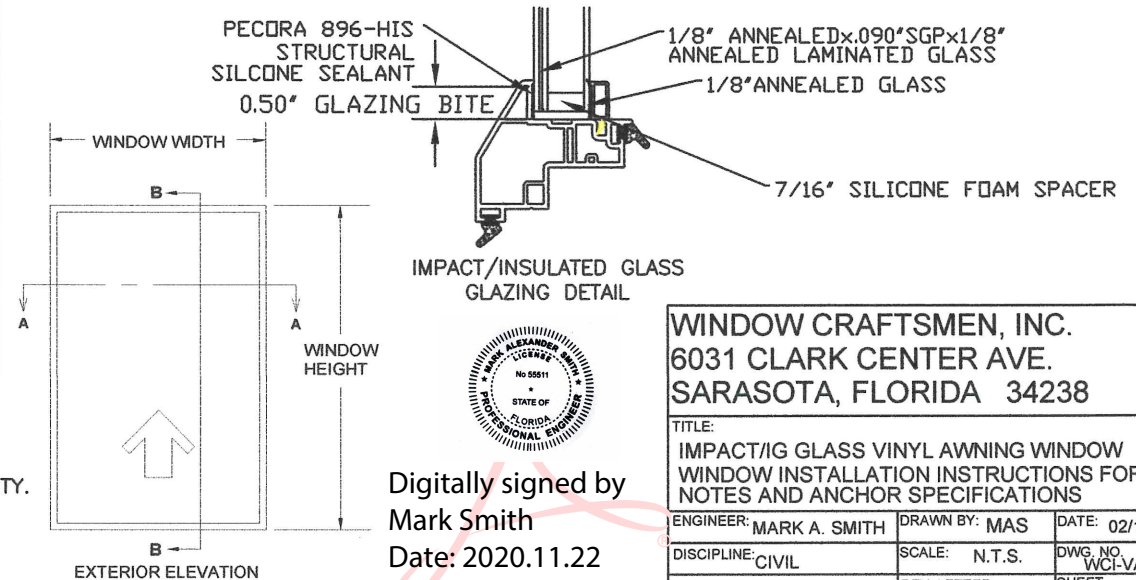
(9) GLASS COMPLIES WITH ASTM E-1300 GLASS CHART REQUIREMENTS.

INSULATED GLASS/LAMINATED: 1/8" ANNEALED X .090 SGP 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.



Digitally signed by

Mark Smith

Date: 2020.11.22

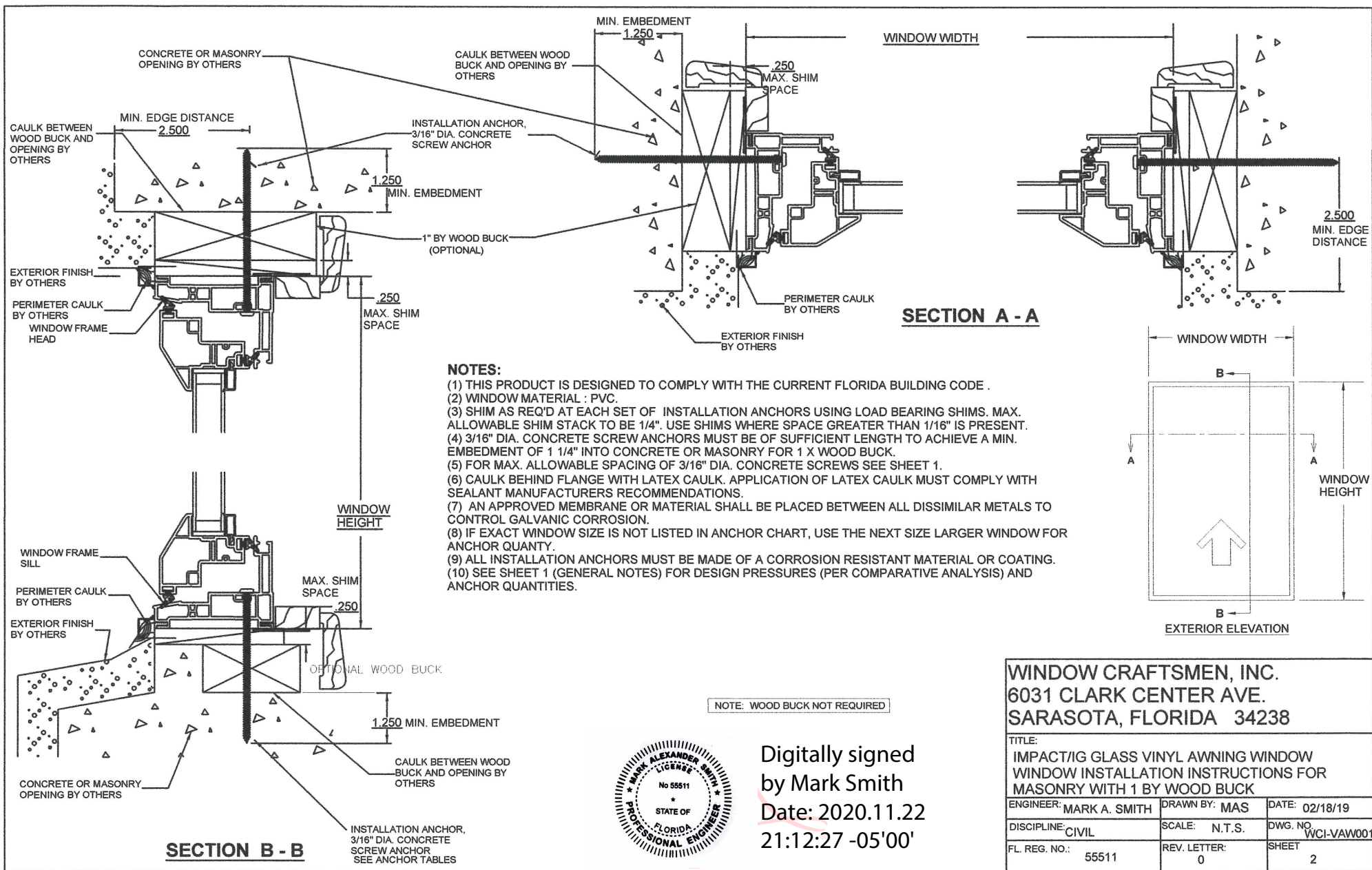
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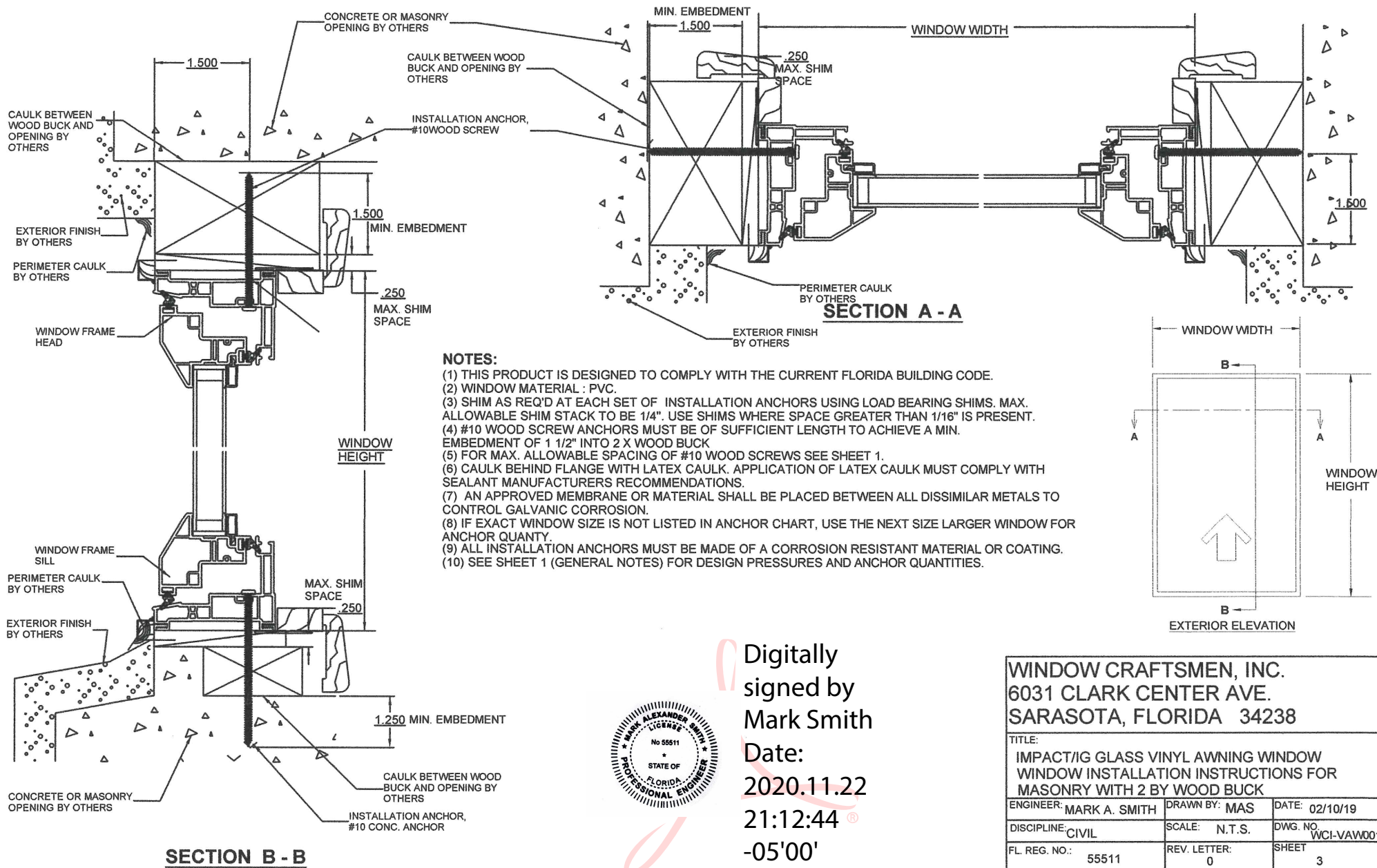
WINDOW CRAFTSMEN, INC.
6031 CLARK CENTER AVE.
SARASOTA, FLORIDA 34238

TITLE:

IMPACT/IG GLASS VINYL AWNING WINDOW
WINDOW INSTALLATION INSTRUCTIONS FOR
NOTES AND ANCHOR SPECIFICATIONS

ENGINEER: MARK A. SMITH	DRAWN BY: MAS	DATE: 02/18/19
DISCIPLINE: CIVIL	SCALE: N.T.S.	DWG. NO. WCI-VAW001
FL. REG. NO.: 55511	REV. LETTER: 0	SHEET 1





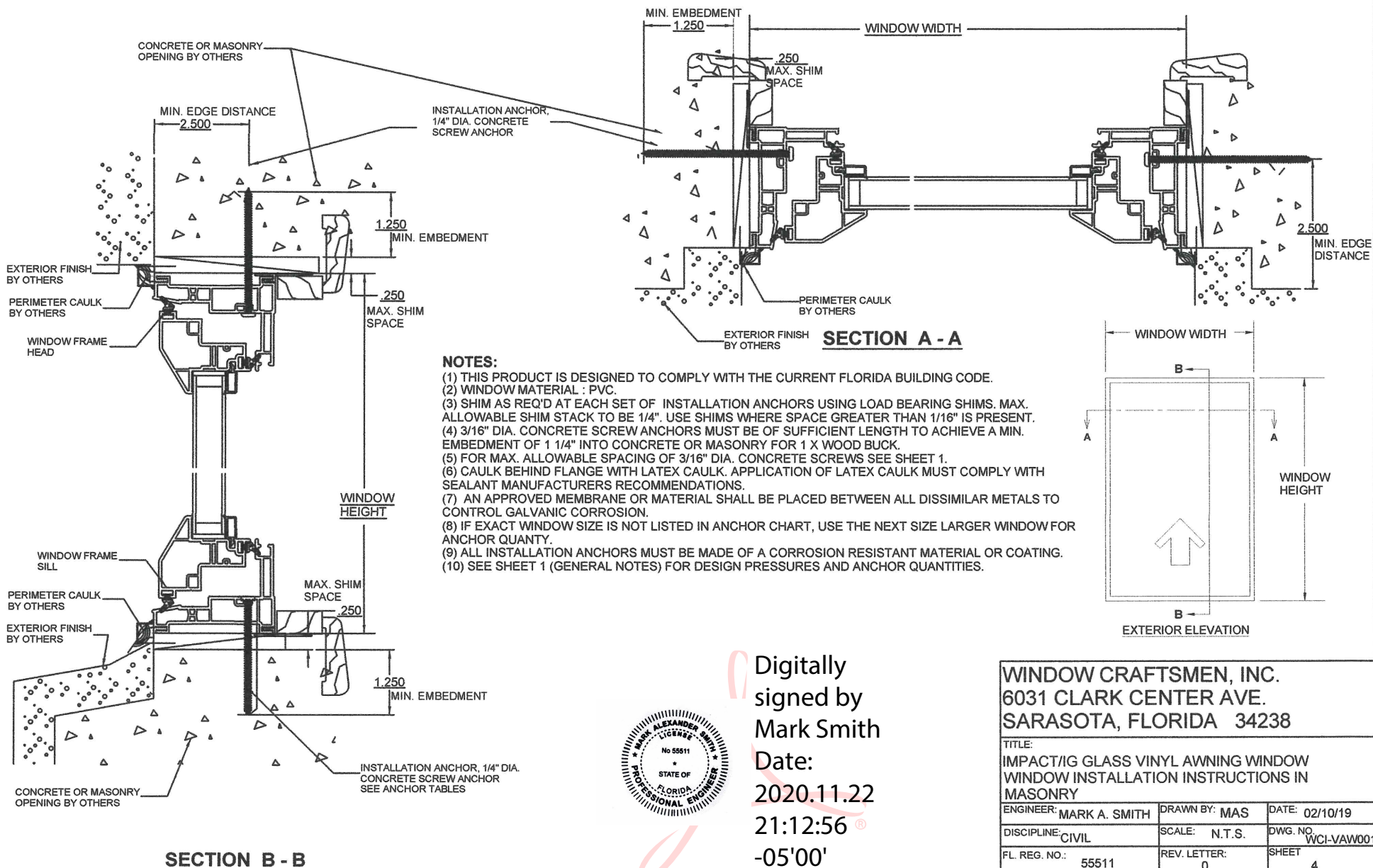
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Mark Smith

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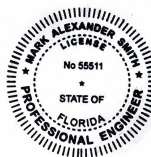


WINDOW CRAFTSMEN, INC.
6031 CLARK CENTER AVE.
SARASOTA, FLORIDA 34238

TITLE: IMPACT/IG GLASS VINYL AWNING WINDOW WINDOW INSTALLATION INSTRUCTIONS FOR MASONRY WITH 2 BY WOOD BUCK		
ENGINEER: MARK A. SMITH	DRAWN BY: MAS	DATE: 02/10/19
DISCIPLINE: CIVIL	SCALE: N.T.S.	DWG. NO. WCI-VAW001
FL. REG. NO.: 55511	REV. LETTER: 0	SHEET 3



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signed by
Mark Smith
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2020.11.22
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WINDOW CRAFTSMEN, INC.
6031 CLARK CENTER AVE.
SARASOTA, FLORIDA 34238

TITLE: IMPACT/IG GLASS VINYL AWNING WINDOW WINDOW INSTALLATION INSTRUCTIONS IN MASONRY		
ENGINEER: MARK A. SMITH	DRAWN BY: MAS	DATE: 02/10/19
DISCIPLINE: CIVIL	SCALE: N.T.S.	DWG. NO. WCI-VAW001
FL. REG. NO.: 55511	REV. LETTER: 0	SHEET 4