

DS-300 IMPACT INSULATED GLASS ANCHOR TABLE, 50 DP					
Window Width.	Window Height	Number of Anchors		Design Pressure	Design Pressure
		Across Head & Sill	Across Jamb	Neg.	Pos.
24.000	24.000	2	2	-50.00	+50.00
36.000	24.000	3	2	-50.00	+50.00
48.000	24.000	4	2	-50.00	+50.00
60.000	24.000	5	2	-50.00	+50.00
66.000	24.000	6	2	-50.00	+50.00
74.000	24.000	6	2	-50.00	+50.00
24.000	36.000	2	3	-50.00	+50.00
36.000	36.000	3	3	-50.00	+50.00
48.000	36.000	4	3	-50.00	+50.00
60.000	36.000	5	3	-50.00	+50.00
66.000	36.000	6	3	-50.00	+50.00
74.000	36.000	6	3	-50.00	+50.00
24.000	48.000	2	4	-50.00	+50.00
36.000	48.000	3	4	-50.00	+50.00
48.000	48.000	4	4	-50.00	+50.00
60.000	48.000	5	4	-50.00	+50.00
66.000	48.000	6	4	-50.00	+50.00
74.000	48.000	6	4	-50.00	+50.00
24.000	54.000	2	5	-50.00	+50.00
36.000	54.000	3	5	-50.00	+50.00
48.000	54.000	4	5	-50.00	+50.00
60.000	54.000	5	5	-50.00	+50.00
66.000	54.000	6	5	-50.00	+50.00
74.000	54.000	6	5	-50.00	+50.00
24.000	63.000	2	5	-50.00	+50.00
36.000	63.000	3	5	-50.00	+50.00
48.000	63.000	4	5	-50.00	+50.00
60.000	63.000	5	5	-50.00	+50.00
66.000	63.000	6	5	-50.00	+50.00
74.000	63.000	6	5	-50.00	+50.00

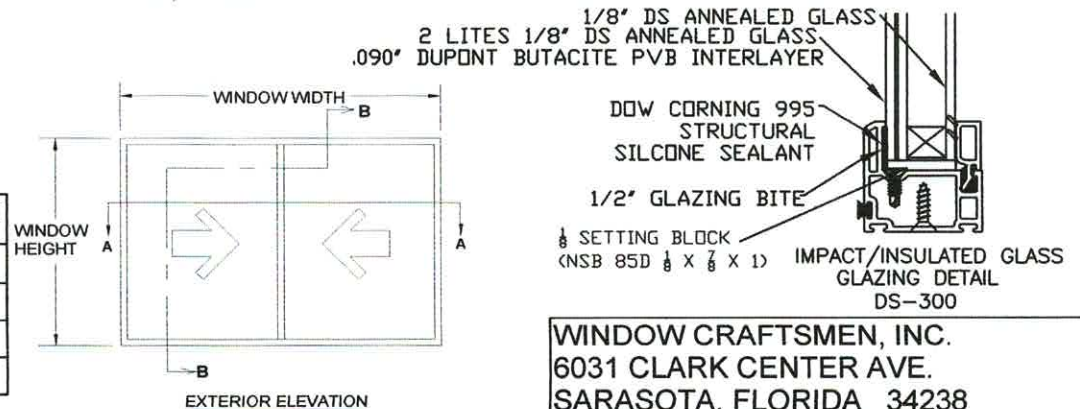
ANCHOR DETAILS APPLICATION	ANCHOR	EDGE DIST.	MIN. EMBEDMENT	MAX SHIM SPACE
MASONRY W/1 BY WOOD BUCK	3/16" CONC.	2.5"	1.25"	0.25"
MASONRY W/2 BY WOOD BUCK	#10 WOOD	1.5"	1.50"	0.25"
MASONRY	3/16" CONC.	2.5"	1.25"	0.25"
METAL	#12 SMS	0.75"	.045" (THICK)	0.25"

NOTES ON ANCHOR CALCULATIONS:

- (1) CALCULATIONS DERIVED FROM TESTED UNIT
DS-300 TEST REPORT # NCTL-110-14895-1,2,3,4 NAMI #N1011054.
- (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 IS 12-3/8".
- (6) MAX. SPACING ACROSS JAMBS IS 12-3/4".
- (7) NO ANCHORS REQUIRED IN SILL.

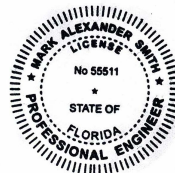
NOTES:

- (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/LAMINATED: 1/8" DS ANNEALED X .090 PVB X 1/8" DS ANNEALED 7/16 AS (ALUMINUM) X 1/8 DS 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.

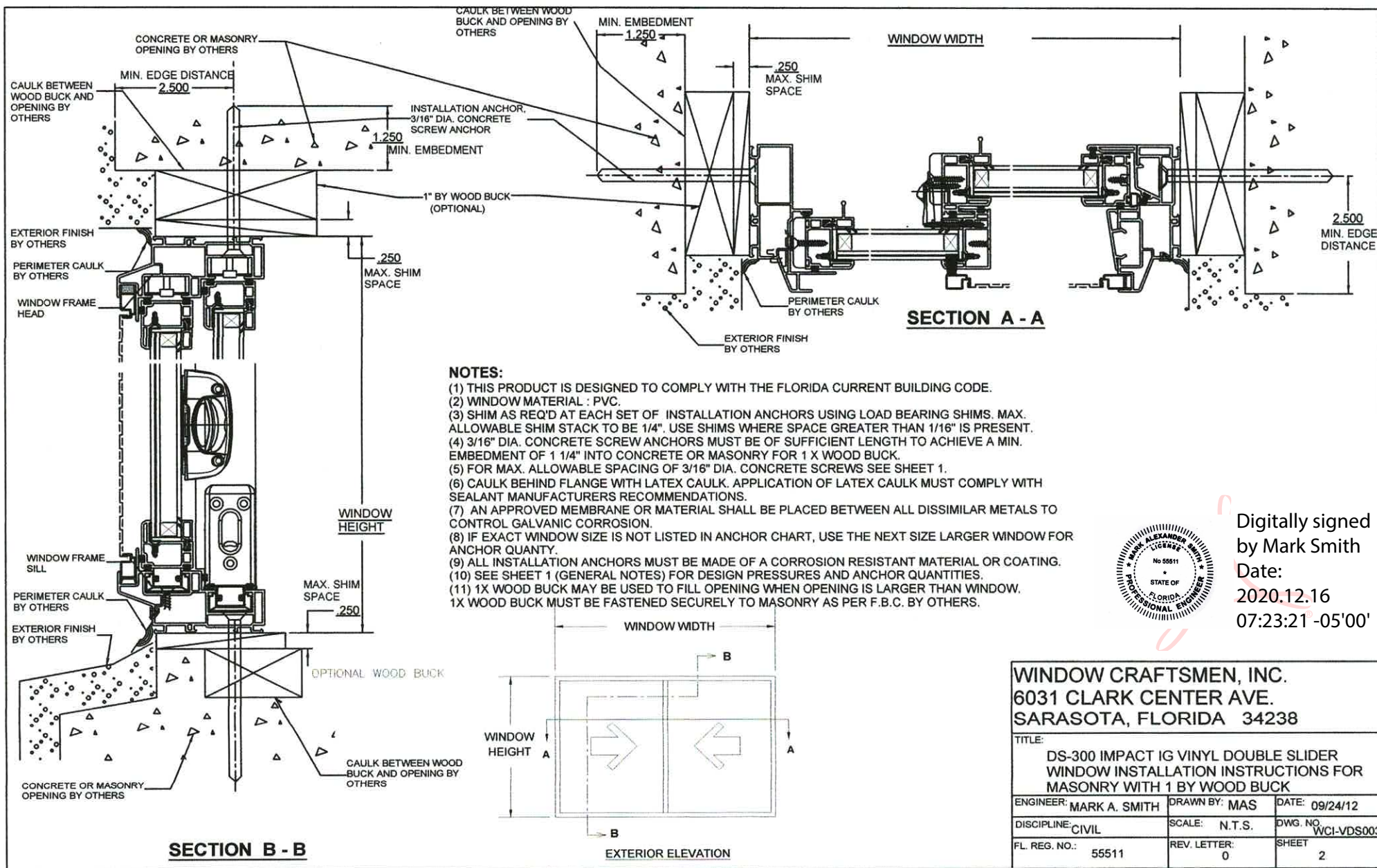


WINDOW CRAFTSMEN, INC.
6031 CLARK CENTER AVE.
SARASOTA, FLORIDA 34238

TITLE: DS-300 IMPACT IG GLASS VINYL DOUBLE SLIDER 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-VDS003
FL. REG. NO.: 55511	REV. LETTER: O	SHEET 1

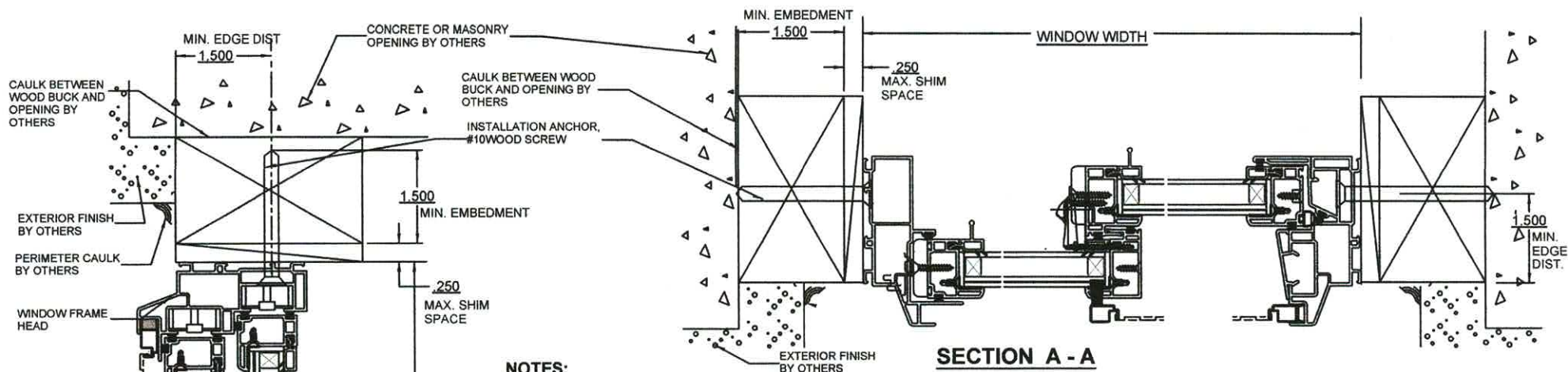


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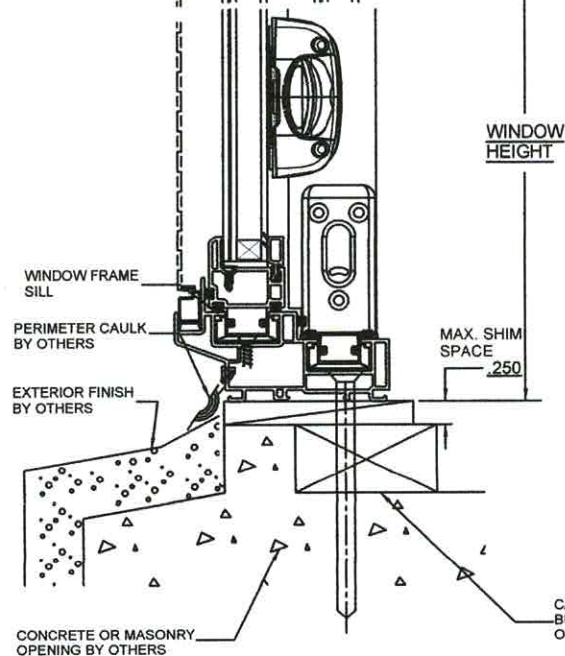
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WINDOW CRAFTSMEN, INC. 6031 CLARK CENTER AVE. SARASOTA, FLORIDA 34238		
TITLE: DS-300 IMPACT IG VINYL DOUBLE SLIDER WINDOW INSTALLATION INSTRUCTIONS FOR MASONRY WITH 1 BY WOOD BUCK		
ENGINEER: MARK A. SMITH	DRAWN BY: MAS	DATE: 09/24/12
DISCIPLINE: CIVIL	SCALE: N.T.S.	DWG. NO. WCI-VDS003
FL. REG. NO.: 55511	REV. LETTER: 0	SHEET 2

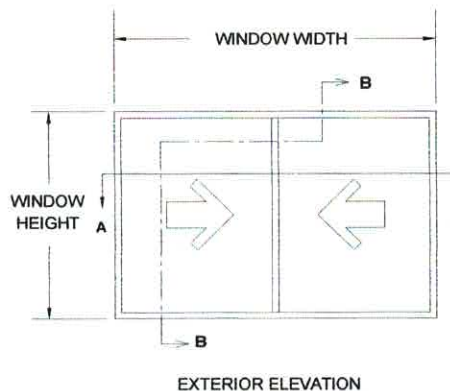


NOTES:

- (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.
- (11) 2X WOOD BUCK MAY BE USED TO FILL OPENING WHEN OPENING IS LARGER THAN WINDOW. 2X WOOD BUCK MUST BE FASTENED SECURELY TO MASONRY AS PER F.B.C. BY OTHERS.



SECTION B-B



EXTERIOR ELEVATION

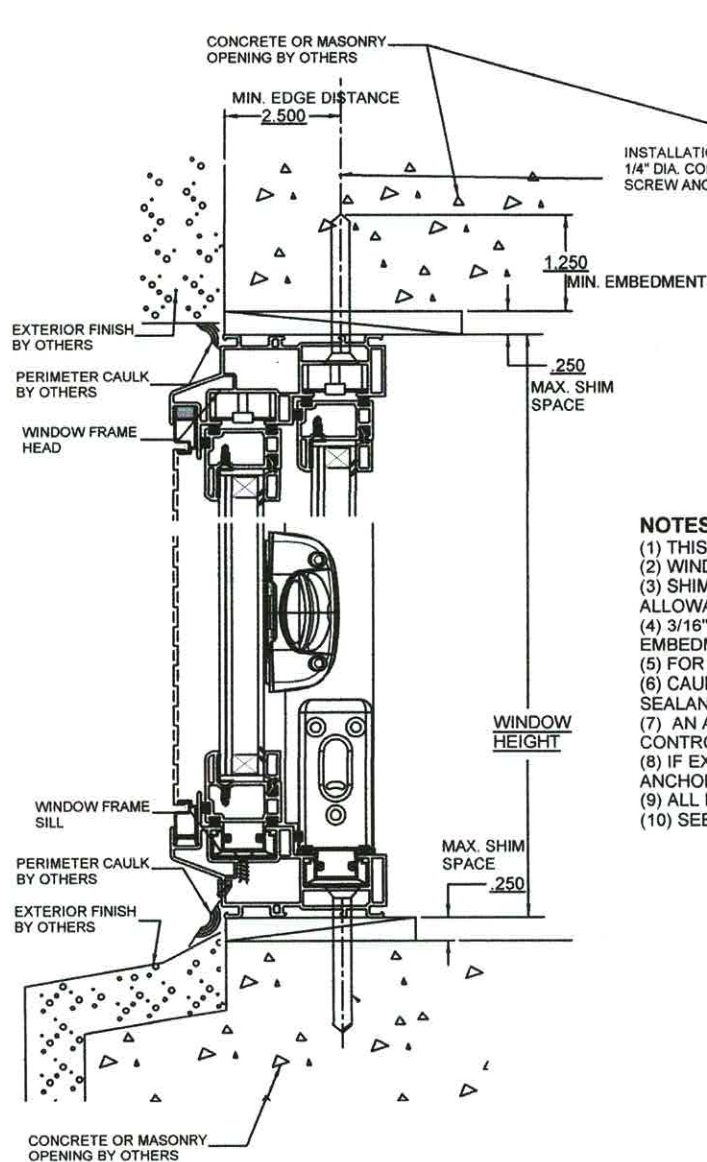


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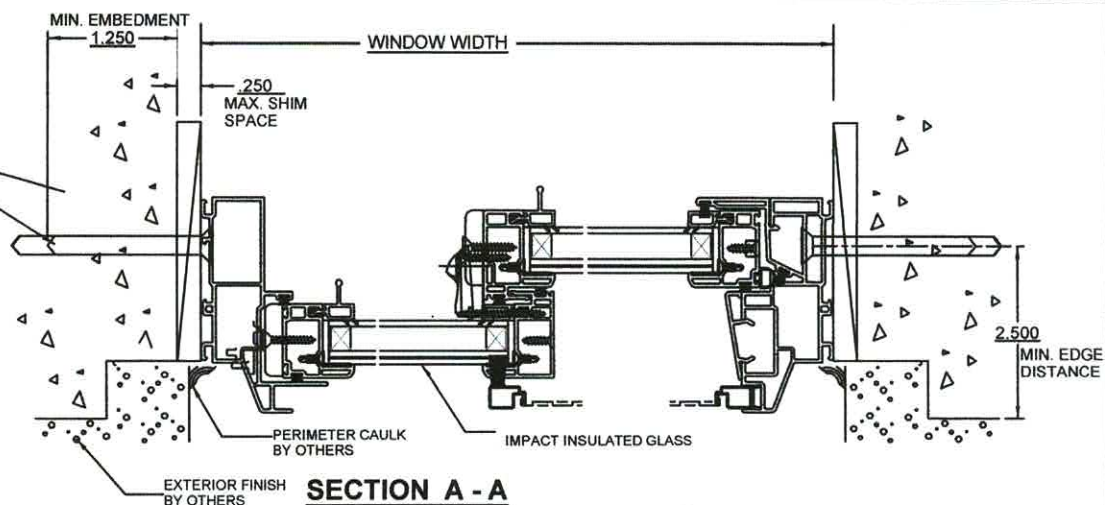
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WINDOW CRAFTSMEN, INC.
6031 CLARK CENTER AVE.
SARASOTA, FLORIDA 34238

TITLE: DS-300 IMPACT IG VINYL DOUBLE SLIDER WINDOW INSTALLATION INSTRUCTIONS FOR MASONRY WITH 2 BY WOOD BUCK		
ENGINEER: MARK A. SMITH	DRAWN BY: MAS	DATE: 12/13/12
DISCIPLINE: CIVIL	SCALE: N.T.S.	DWG. NO. WCI-VDS003
FL. REG. NO.: 55511	REV. LETTER: 0	SHEET 3



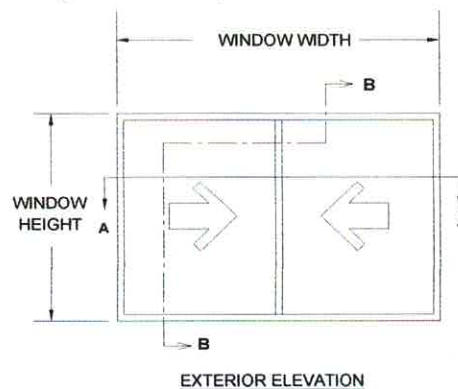
SECTION B - B



SECTION A - A

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 SHEET 1 (GENERAL NOTES) FOR DESIGN PRESSURES AND ANCHOR QUANTITIES.



EXTERIOR ELEVATION

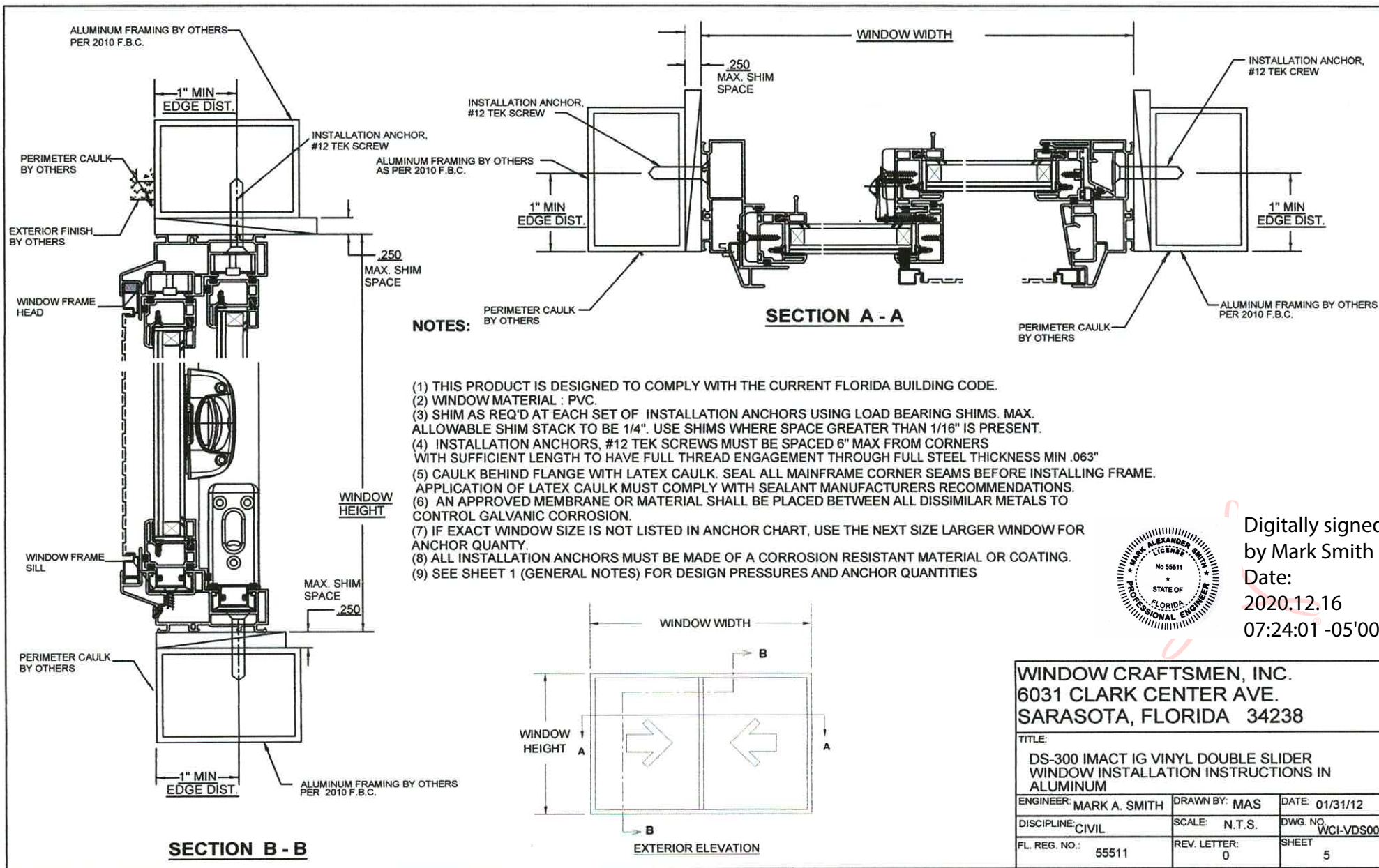


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WINDOW CRAFTSMEN, INC.
6031 CLARK CENTER AVE.
SARASOTA, FLORIDA 34238

TITLE:
**DS-300 IMPACT IG VINYL DOUBLE SLIDER
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-VDS003
FL. REG. NO.: 55511	REV. LETTER: 0	SHEET 4



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