

SERIES 75 TEMPERED GLASS ANCHOR TABLE

CONFIG.	FRAME WIDTH	FRAME HEIGHT	NUMBER OF ANCHORS			DESIGN PRESSURE NEG.	DESIGN PRESSURE POS.
			ACROSS HEAD & SILL	ACROSS JAMB	ACROSS HOOK STRIP		
XX	6' 6'	80.00 96.00	12 12	16 18	11 13	-75.00 -75.00	+75.00 +75.00
XX	8" 8'	80.00 96.00	14 14	16 18	11 13	-75.00 -75.00	+75.00 +75.00
XXX	9' 9'	80.00 96.00	16 16	16 18	11 13	-75.00 -75.00	+75.00 +75.00
XXX	12' 12'	80.00 96.00	22 22	16 18	11 13	-75.00 -75.00	+75.00 +75.00
XXXX	12' 12'	80.00 96.00	22 22	16 18	11 13	-75.00 -75.00	+75.00 +75.00
XXXX	16' 16'	80.00 96.00	28 28	16 18	11 13	-75.00 -75.00	+75.00 +75.00
XXXXXX	18' 18'	80.00 96.00	32 32	16 18	11 13	-75.00 -75.00	+75.00 +75.00
XXXXXX	24' 24'	80.00 96.00	44 44	16 18	11 13	-75.00 -75.00	+75.00 +75.00
XXXXXXX	24' 24'	80.00 96.00	44 44	16 18	11 13	-75.00 -75.00	+75.00 +75.00
XXXXXXX	32' 32'	80.00 96.00	56 56	16 18	11 13	-75.00 -75.00	+75.00 +75.00

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	0.75"	.045" (THICK)	0.25"

NOTES ON ANCHOR CALCULATIONS:

- (1) CALCULATIONS DERIVED FROM TESTED UNIT, TEST REPORT # NCTL-210-3220-1A. NCTL-210-3220-1B
- (2) TESTED UNIT WAS "XXXX", 192" x 96", USING 1/4" (6mm) TEMPERED GLASS.
- (3) THE QUANTITY OF ANCHORS ARE FOR EACH SIDE, NOT TOTAL QUANTITY.
- (4) MAX. SPACING AT HEAD OR SILL CORNER IS 6". SPACING IS WITH ANCHORS IN PAIRS
- (5) MAX. SPACING AT JAMB CORNER IS 4-1/4". SPACING IS WITH ANCHORS IN PAIRS
- (6) MAX. SPACING ACROSS HEAD OR SILL IS 13-13/16". SPACING IS WITH ANCHORS IN PAIRS
- (7) MAX. SPACING ACROSS JAMBS IS 10-15/16". SPACING IS WITH ANCHORS IN PAIRS
- (8) MAX. SPACING ACROSS HOOK STRIP IS 7-3/4".

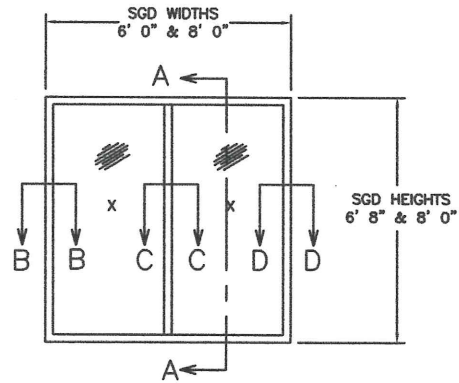
NOTES:

- (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) DOOR MATERIAL : 6063-T5 ALUMINUM.
- (4) 1/4" 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) MAX. ALLOWABLE SPACING OF 1/4" DIA. CONCRETE SCREWS, WITHIN 6" FROM EACH CORNER 13-13/16" ACROSS HEAD & SILL, 10-15/16" ALONG JAMBS AND 7-3/4" ON HOOK STRIP.
- (6) ALL FACTORY APPLIED HOLES IN FRAME MEMBERS NOT DESIGNATED FOR CONCRETE SCREW ANCHORS SHOULD BE FILLED WITH #12 SCREWS OF SUFFICIENT LENGTH TO ACHIEVE A MIN. EMBEDMENT OF 1-1/2" INTO WOOD BUCK.
- (7) USE LATEX CAULK OR EQUIVALENT FOR PERIMETER SEAL AROUND EXTERIOR OF DOOR.
- (8) WHEN INSTALLING INTO STEEL OR ALUMINUM, #12 SMS MUST HAVE SUFFICIENT LENGTH SO THAT THERE IS FULL THREAD ENGAGEMENT THROUGH THE METAL.
- (9) IF EXACT DOOR SIZE IS NOT LISTED IN ANCHOR CHART, USE THE NEXT SIZE LARGER DOOR FOR ANCHOR QUANTITY.
- (10) FOR POCKET DOOR SIZES, USE CLOSEST BY-PASS DOOR SIZE TO SIZE OF FINISHED OPENING.
- (11) GLASS THICKNESS MAY VARY PER ASTM E-1300 GLASS CHART REQUIREMENTS. SINGLE GLAZED SHOWN, INSULATED GLASS ALSO QUALIFIED.
- (12) JAMB / SILL CORNERS AND ALL ANCHORS TO BE SEALED WITH SMALL JOINT SEAM SEALANT.
- (13) ALL INSTALLATION ANCHORS MUST BE MADE OF A CORROSION RESISTANT MATERIAL OR COATING.
- (14) NOT ALL CONFIGURATIONS LISTED ON ANCHOR CHART ARE SHOWN ON THIS DRAWING. HOWEVER, INSTALLATION SECTION A-A & B-B APPLY TO ALL CONFIGURATIONS.
- (15) NAMI NUMBER FOR 75R TEMPERED GSD IS N1006716-R3.

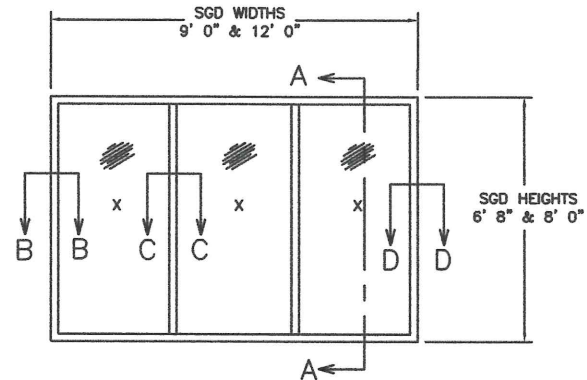


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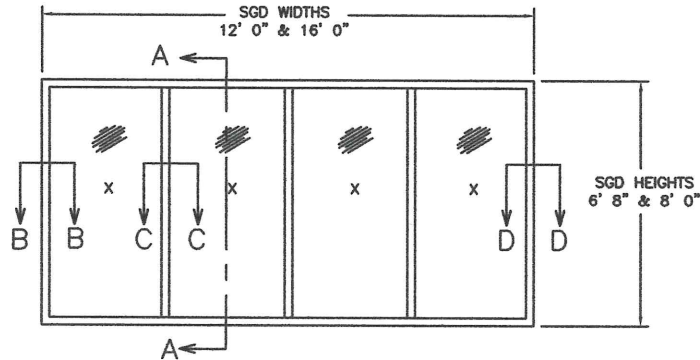
WINDOW CRAFTSMEN, INC. 6031 CLARK CENTER AVE. SARASOTA, FLORIDA 34238		
TITLE: 75R GLASS SLIDING DOORS ALUMINUM BY-PASS/CENTER MEET/POCKET WITH TEMPERED GLASS ANCHOR TABLE AND NOTES		
ENGINEER: MARK A. SMITH	DRAWN BY: MAS	DATE: 4/7/11
DISCIPLINE: CIVIL	SCALE: N.T.S.	DWG. NO. WCI-SGD011A
FL. REG. NO.: 55511	REV. LETTER: 0	SHEET 1



2 PANEL SLIDING GLASS DOOR
XX CONFIGURATION



3 PANEL SLIDING GLASS DOOR
XXX CONFIGURATION



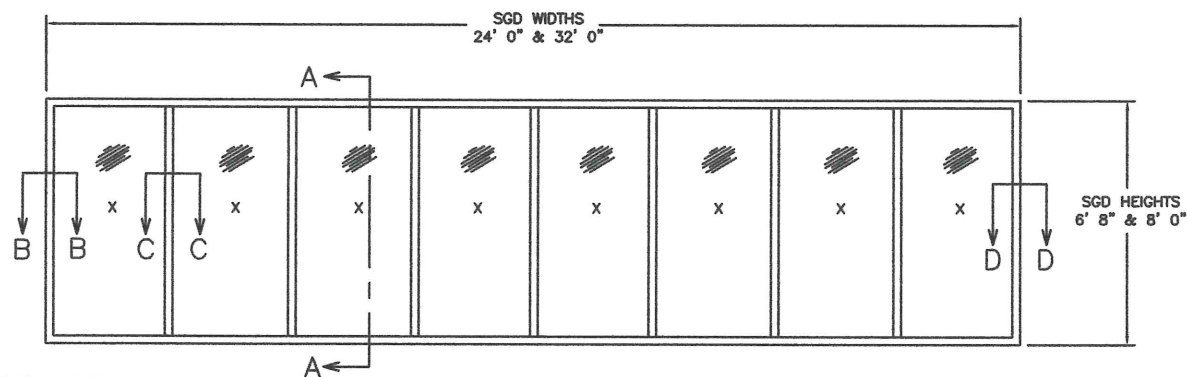
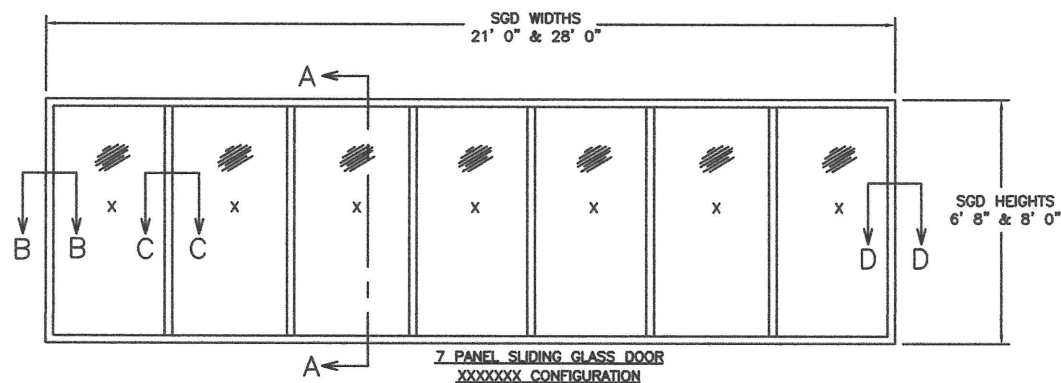
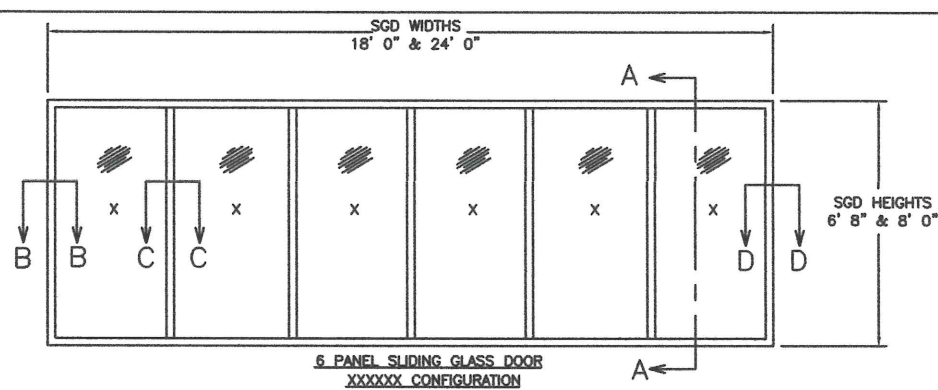
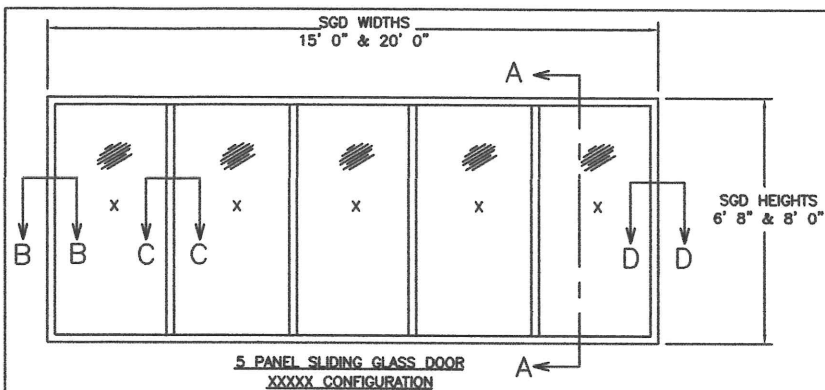
4 PANEL SLIDING GLASS DOOR
XXXX CONFIGURATION

FOR INSTALLATION DETAILS AND
SECTIONS A-A, B-B, C-C AND D-D SEE SHEETS 4, 5, AND 6



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WINDOW CRAFTSMEN, INC. 6031 CLARK CENTER AVE. SARASOTA, FLORIDA 34238		
TITLE: 75R GLASS SLIDING DOORS ALUMINUM BY-PASS/CENTER MEET/POCKET WITH TEMPERED GLASS 2, 3 & 4 PANEL ELEVATIONS		
ENGINEER: MARK A. SMITH	DRAWN BY: MAS	DATE: 12/8/20
DISCIPLINE: CIVIL	SCALE: N.T.S.	DWG. NO. WCI-SGD011A
FL. REG. NO.: 55511	REV. LETTER:	SHEET 2



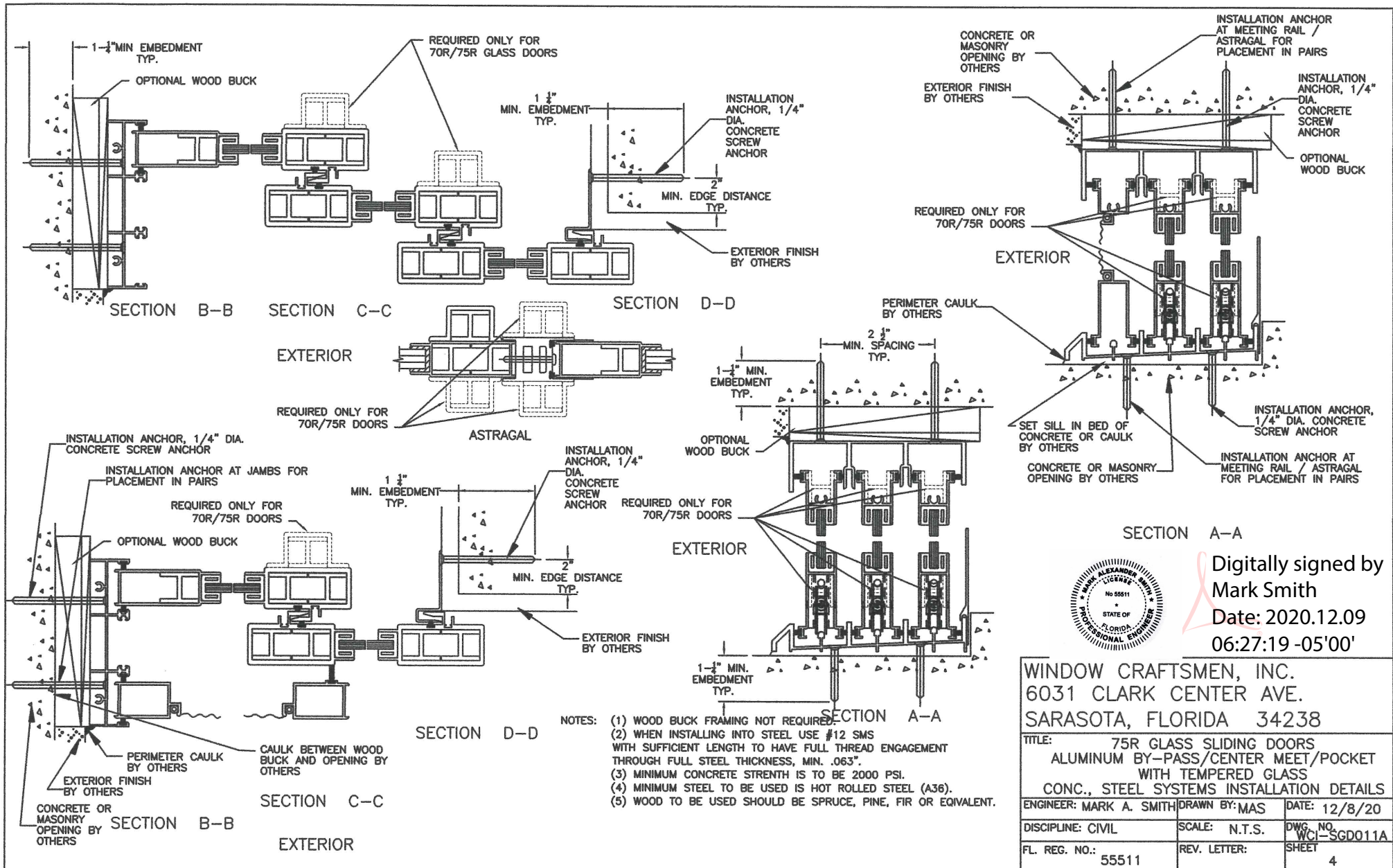
FOR INSTALLATION DETAILS AND
SECTIONS A-A, B-B, C-C AND D-D SEE SHEETS 4, 5, AND 6

8 PANEL SLIDING GLASS DOOR
XXXXXXXXX CONFIGURATION



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TITLE: 75R GLASS SLIDING DOORS ALUMINUM BY-PASS/CENTER MEET/POCKET WITH TEMPERED GLASS 5, 6, 7 AND 8 PANEL ELEVATIONS		
ENGINEER: MARK A. SMITH	DRAWN BY: MAS	DATE: 12/8/20
DISCIPLINE: CIVIL	SCALE: N.T.S.	DWG. NO. WCI-SGD011A
FL. REG. NO.: 55511	REV. LETTER:	SHEET 3



SECTION A-A

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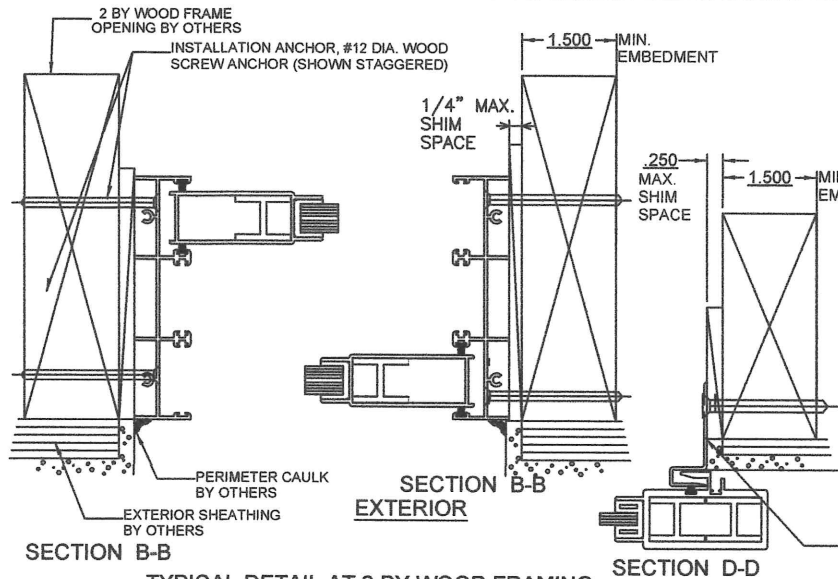


WINDOW CRAFTSMEN, INC.
6031 CLARK CENTER AVE.
SARASOTA, FLORIDA 34238

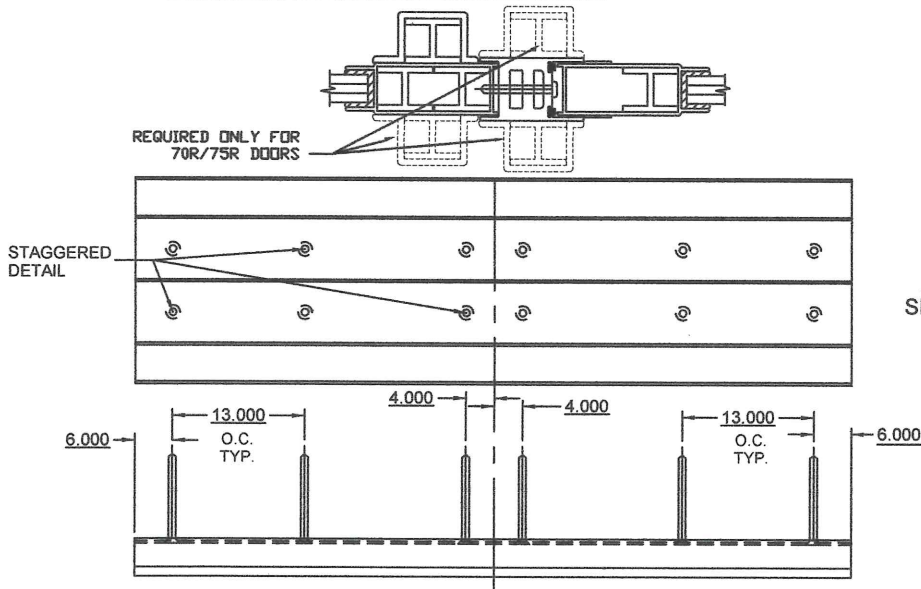
TITLE: 75R GLASS SLIDING DOORS
ALUMINUM BY-PASS/CENTER MEET/POCKET
WITH TEMPERED GLASS
CONC., STEEL SYSTEMS INSTALLATION DETAILS

ENGINEER: MARK A. SMITH	DRAWN BY: MAS	DATE: 12/8/20
DISCIPLINE: CIVIL	SCALE: N.T.S.	DWG. NO. WCI-SGD011A
FL. REG. NO.: 55511	REV. LETTER:	SHEET 4

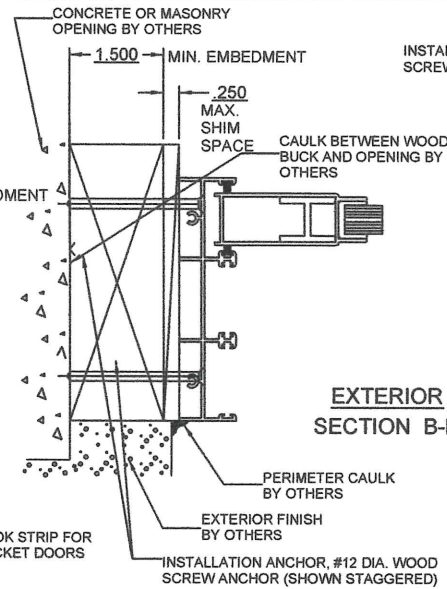
MARK A. SMITH, P.E. 3738 KINGSWOOD DR., SARASOTA, FL. 34232 PH 941-993-9620



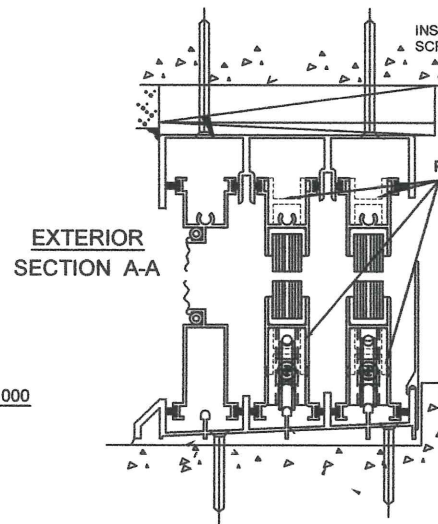
TYPICAL DETAIL AT 2 BY WOOD FRAMING



TYPICAL ANCHOR DETAIL AT INTERLOCK OR ASTRAGAL



TYPICAL DETAIL AT 2 X BUCK



(SHOWN STAGGERED).

TYPICAL DETAIL AT 2 BY WOOD FRAMING

REQUIRED ONLY FOR 70R/75R DOORS

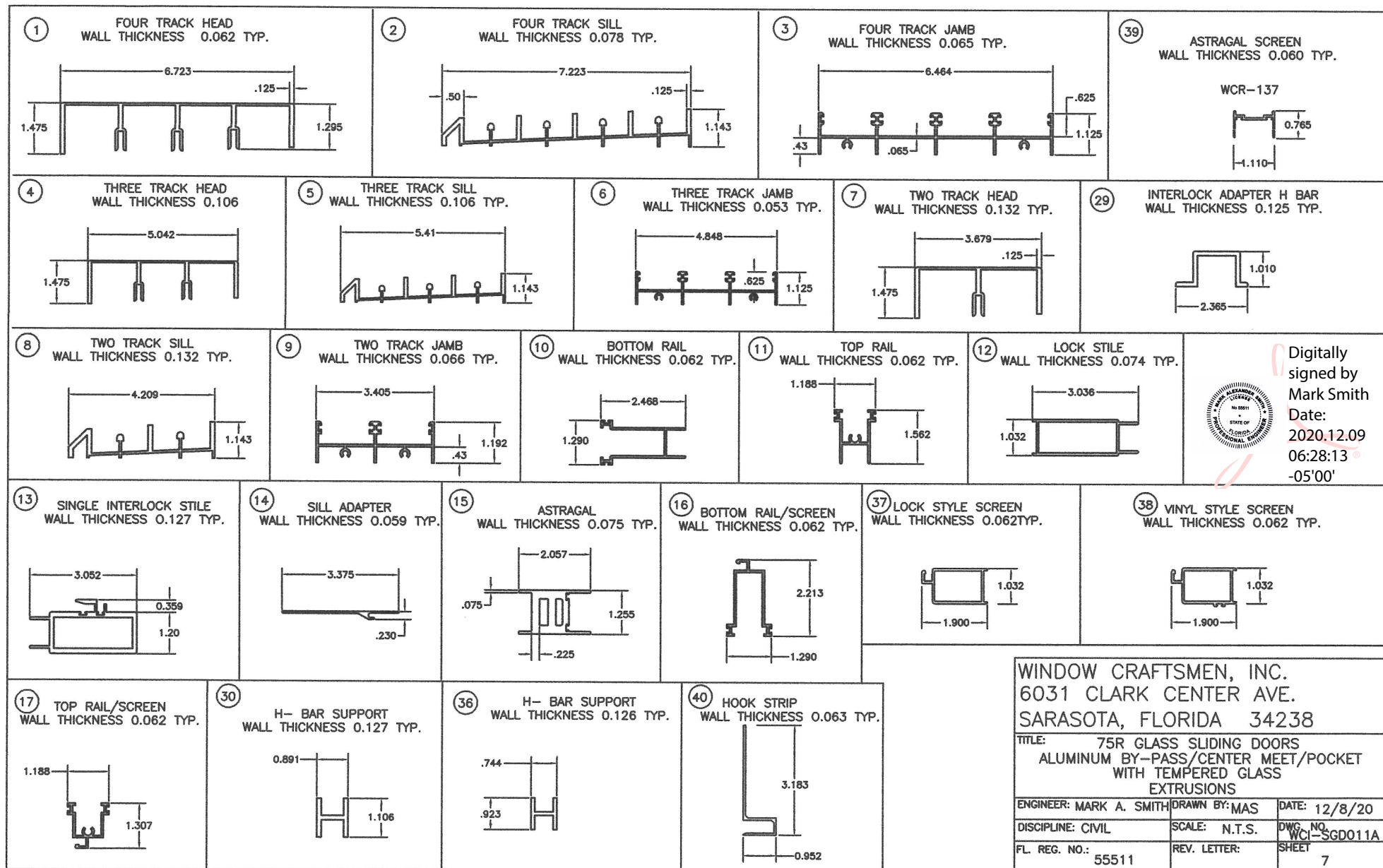
- NOTES:
- (1) WOOD BUCK FRAMING NOT REQUIRED.
 - (2) MINIMUM CONCRETE STRENGTH IS TO BE 2000 PSI.
 - (3) WOOD TO BE USED SHOULD BE SPRUCE, PINE, FIR OR EQUIVALENT.



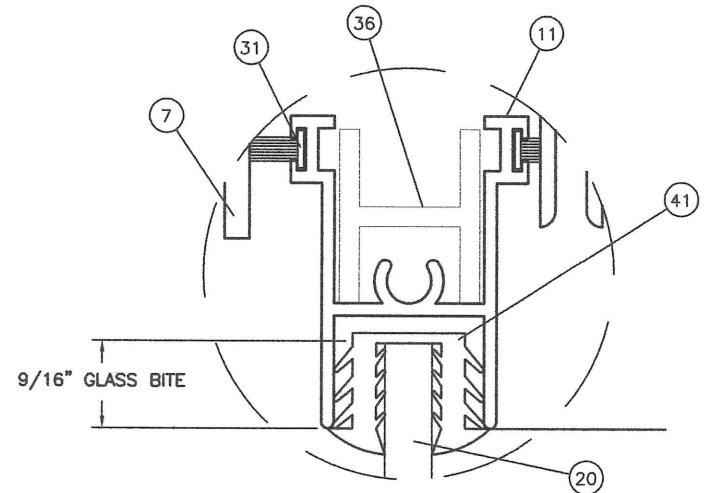
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SARASOTA, FLORIDA 34238

TITLE: 75R GLASS SLIDING DOORS ALUMINUM BY-PASS/CENTER MEET/POCKET WITH TEMPERED GLASS WOOD FRAMING INSTALLATION DETAILS		
ENGINEER: MARK A. SMITH	DRAWN BY: MAS	DATE: 12/8/20
DISCIPLINE: CIVIL	SCALE: N.T.S.	DWG. NO. WCI-SGD011A
FL. REG. NO.: 55511	REV. LETTER:	SHEET 5



BILL OF MATERIAL				
ITEM NO.	PART NO.	DESCRIPTION	VENDOR	
1	WCR-90499-1	FOUR TRACK HEAD	ALUM. ALLOY 6063-T5	PROFILE
2	WCR-90500-1	FOUR TRACK SILL	ALUM. ALLOY 6063-T5	PROFILE
3	WCR-90501	FOUR TRACK JAMB	ALUM. ALLOY 6063-T5	PROFILE
4	WCR-79670-1	THREE TRACK HEAD	ALUM. ALLOY 6063-T5	PROFILE
5	WCR-79671-1	THREE TRACK SILL	ALUM. ALLOY 6063-T5	PROFILE
6	WCR-79672	THREE TRACK JAMB	ALUM. ALLOY 6063-T5	PROFILE
7	WCR-90496-1	TWO TRACK HEAD	ALUM. ALLOY 6063-T5	PROFILE
8	WCR-90497-1	TWO TRACK SILL	ALUM. ALLOY 6063-T5	PROFILE
9	WCR-90498	TWO TRACK JAMB	ALUM. ALLOY 6063-T5	PROFILE
10	WCR-90785	BOTTOM RAIL	ALUM. ALLOY 6063-T5	PROFILE
11	WCR-91060	TOP RAIL	ALUM. ALLOY 6063-T6	PROFILE
12	WCR-110	LOCK STILE	ALUM. ALLOY 6063-T6	PROFILE
13	WCR-111	SINGLE INTERLOCK STILE	ALUM. ALLOY 6063-T6	PROFILE
14	WCR-112	SILL ADAPTER	ALUM. ALLOY 6063-T6	PROFILE
15	WCR-038A	ASTRAGAL	ALUM. ALLOY 6063-T5	PROFILE
16	WCR-114	BOTTOM RAIL SCREEN	ALUM. ALLOY 6063-T5	PROFILE
17	WCR-115	TOP RAIL SCREEN	ALUM. ALLOY 6063-T5	PROFILE
18		SPLINE, 200 ROUND SCREEN		ALUMINUM SPECIALTIES
19	WINCR-1648-01	DOOR LOCK SET		AMERBURY
20	GLASS	1/4" TEMPERED		OLD CASTLE
21	PJS-7623-38	SINGLE ROLLER		SULLIVAN ASSOCIATES
22	FLB229999	DOOR BUMPER		FRANK LOWE RUBBER
23	SGD-1800	PANEL BUMPER		COMMERCIAL PLASTICS
24		#14 X 1", PANEL SCREW -1		ACTION BOLT
25		#14 X 1" TYPE 23, PANEL SCREW-2		ACTION BOLT
26		8-32 X 3/8", KEEPER SCREW		ACTION BOLT
27		#12 X 1-3/4", INSTALLATION/ASTRAGAL SCREW		ACTION BOLT
28		#12 X 1-1/4" SQ. TYPE B, MAINFRAME SCREW		ACTION BOLT
29	WCR-100	INTERLOCK ADAPTER H BAR	ALUM. ALLOY 6063-T6	PROFILE
30	WCR-002A	H-BAR SUPPORT	ALUM. ALLOY 6063-T5	PROFILE
31	W23251NW	POLYPILE 0.187 X 0.250 FIN		ULTRAFAB
32	W13251NW	POLYPILE 0.187 X 0.250		ULTRAFAB
33	TP-1023	SETTING BLOCK		TEAM PLASTICS
34	TP-433	VINYL GLAZING SCREEN		TEAM PLASTICS
35	TP-915	VINYL INTERLOCK		TEAM PLASTICS
36	WCR-007	H-BAR SUPPORT	ALUM. ALLOY 6063-T6	PROFILE
37	WCR-116	LOCK STILE SCREEN		PROFILE
38	WCR-117	VINYL STYLE SCREEN		PROFILE
39	WCR-137	ASTRAGAL SCREEN		PROFILE
40	62490W13	HOOK STRIP		NUAIR
41	TP-162	1/4" MARINE GLAZING		TEAM PLASTICS
42	WC-118	SECURITY CLIP		RIMER & RIMER
43	PD300WHUC-S1	SCREEN HANDLE SET		SULLIVAN ASSOCIATES
44	2537-SS	KEEPER		SULLIVAN ASSOCIATES



GLAZING DETAIL A



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WINDOW CRAFTSMEN, INC. 6031 CLARK CENTER AVE. SARASOTA, FLORIDA 34238		
TITLE: 75R GLASS SLIDING DOORS ALUMINUM BY-PASS/CENTER MEET/POCKET WITH TEMPERED GLASS BILL OF MATERIALS		
ENGINEER: MARK A. SMITH	DRAWN BY: MAS	DATE: 12/8/20
DISCIPLINE: CIVIL	SCALE: N.T.S.	DWG. NO. WCI-SGD011A
FL. REG. NO.: 55511	REV. LETTER:	SHEET 8