

INSTALLATION ANCHOR SCHEDULE									
INSTALLATION TYPE	SECTION VIEW	FASTENER HEAD TYPE	FASTENER SIZE	SUBSTRATE	MANUFACTURER AND/OR SPECIFICATION	MIN. EMBEDMENT	MIN. EDGE DISTANCE (IN)	MIN. SPACING (IN) BETWEEN FRAME	ANCHOR CAPACITIES BASED ON
THROUGH FRAME ANCHOR	SECTIONS A THRU H & J (SHEETS 4 TO 6)	HEX HEAD	3/16"	CONCRETE	ITW TAPCONS (1)	1	1-1/8	3	MIN. 2000 PSI CONCRETE
				MASONRY (BLOCK/CMU)	ITW TAPCONS (1)	1	2	3	STRENGTH CONFORMANCE TO ASTM C-90, MEDIUM WEIGHT
		PAN HEAD (SHOWN)	No. 10	WOOD	ANSI B18.6.1 (WOOD SCREW) (2) GRADE 2 EQUIVALENT	1-3/8	3/4	2 1/2	WOOD WITH A MINIMUM SPECIFIC GRAVITY OF 0.42.
					ASME B18.6.4 (TAPPING SCREW) (2) GRADE 2 EQUIVALENT				
2x BUCK ANCHOR	SECTION I (SHEET 5)	HEX HEAD	1/4"	CONCRETE	ITW TAPCONS (1) (4)	1-1/2	1-1/2	4	MIN. 2000 PSI CONCRETE
				MASONRY (BLOCK/CMU)	ITW TAPCONS (1) (4)	1	2	4	STRENGTH CONFORMANCE TO ASTM C-90, MEDIUM WEIGHT
	SECTION I (SHEET 5)	HEX HEAD	1/4"	WOOD	ANSI/ASME B18.2.1 (LAG SCREW) (4) GRADE 2 EQUIVALENT	1-1/2	1	1	WOOD WITH A MINIMUM SPECIFIC GRAVITY OF 0.42.

NOTES:

1) WHEN ITW TAPCONS ARE USED FOR CONCRETE/MASONRY INSTALLATION, THEY SHALL BE THE ADVANCED THREADFORM TECHNOLOGY TYPE.

2) FOR WOOD SCREW INSTALLATION INTO WOOD SUBSTRATE; IF SPLITTING IS A CONCERN, DRILL 0.112" PILOT HOLE (DRILL SIZE 34). FOR TAPPING SCREW INSTALLATION INTO WOOD SUBSTRATE; IF SPLITTING IS A CONCERN,

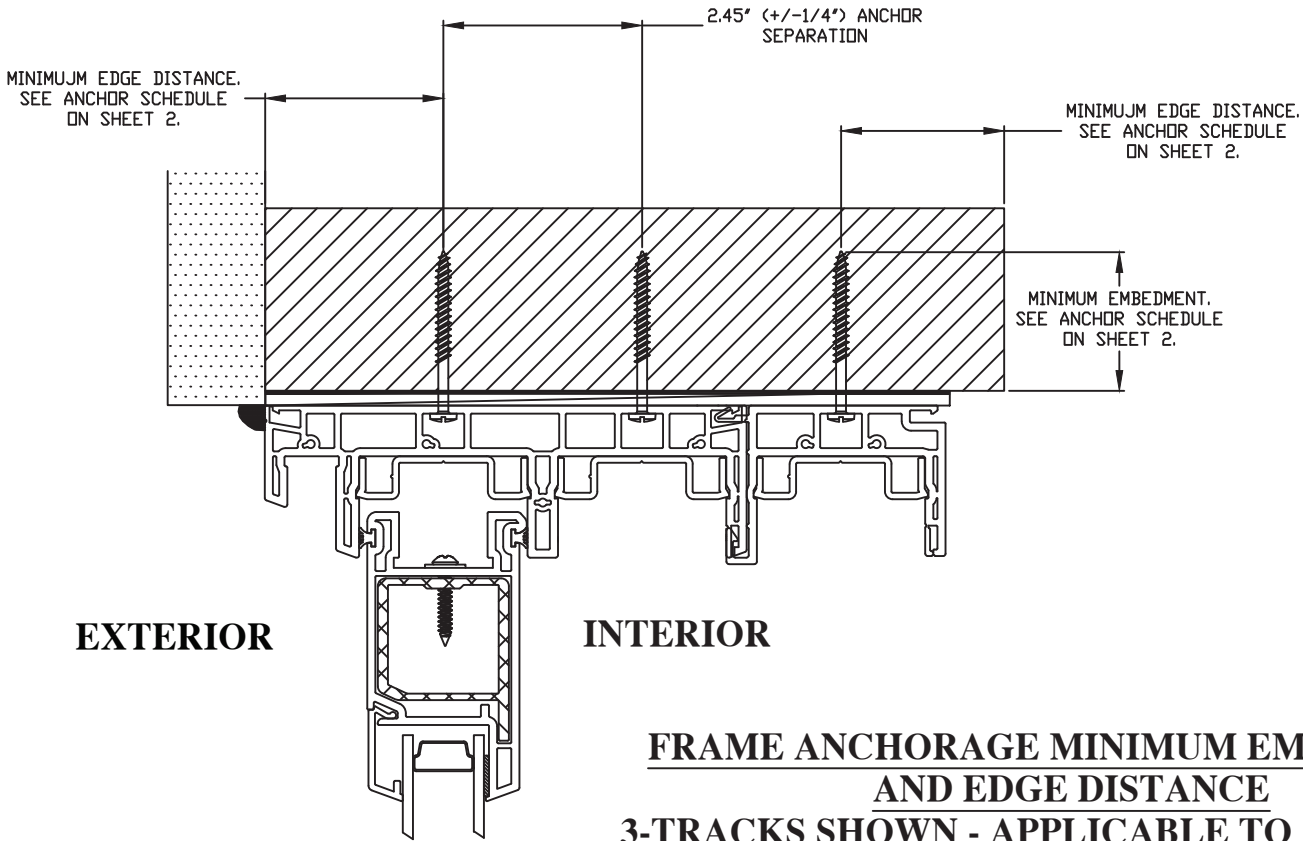
3) TWO (2) ANCHORS PER LOCATION ALLOWED TO HAVE 2.45" SEPARATION. 3" SPACING IS BETWEEN ANCHOR LOCATIONS SHOWN IN ELEVATION.

4) 1/4" ANCHOR HEADS SHALL BE EMBEDDED IN 2X BUCK SO TOP OF HEAD IS FLUSH WITH 2X BUCK TO ALLOW FOR FINISHING. FOR WOOD INSTALLATION; IF SPLITTING IS A CONCERN, DRILL 0.112" PILOT HOLE (DRILL SIZE 37).

MULTI-TRACK SLIDING GLASS DOOR CONFIGURATION

3-TRACK (48.375" x 93.25" MAXIMUM PANEL SIZE) AND 4-TRACK (48.375" x 93.25" MAXIMUM PANEL SIZE) CONFIGURATIONS TESTED AT THE FRAME SIZE SHOWN ON SHEET 1. POCKET DOOR CONFIGURATION ALSO TESTED. BASED ON TESTED CONFIGURATION THE FOLLOWING 2, 3 AND 4-TRACK SYSTEMS ARE ALLOWED IN THE PANEL SIZE SHOWN.

MULTI-TRACK SLIDING GLASS DOOR CONFIGURATION		
DP (psf)	NO. OF TRACKS	PANEL CONFIGURATION
+/-50	4	XXXX, XXXXP, PXXXX, XXXO, OXXX
+/-65	3	XXX, XXXP, PXXX, XXO, OXX
+/-65	2	XX, XXP, PXX, XO, OX
SEE SHEET 1 FOR DESIGN PRESSURE LIMITATIONS AND GLAZING REQUIREMENTS		



FRAME ANCHORAGE MINIMUM EMBEDMENT AND EDGE DISTANCE
3-TRACKS SHOWN - APPLICABLE TO ALL TRACK OPTIONS

THROUGH-FRAME INSTALLATION OPERABLE AND FIXED DOOR PANELS
(OPERABLE HEAD PANEL SHOWN)

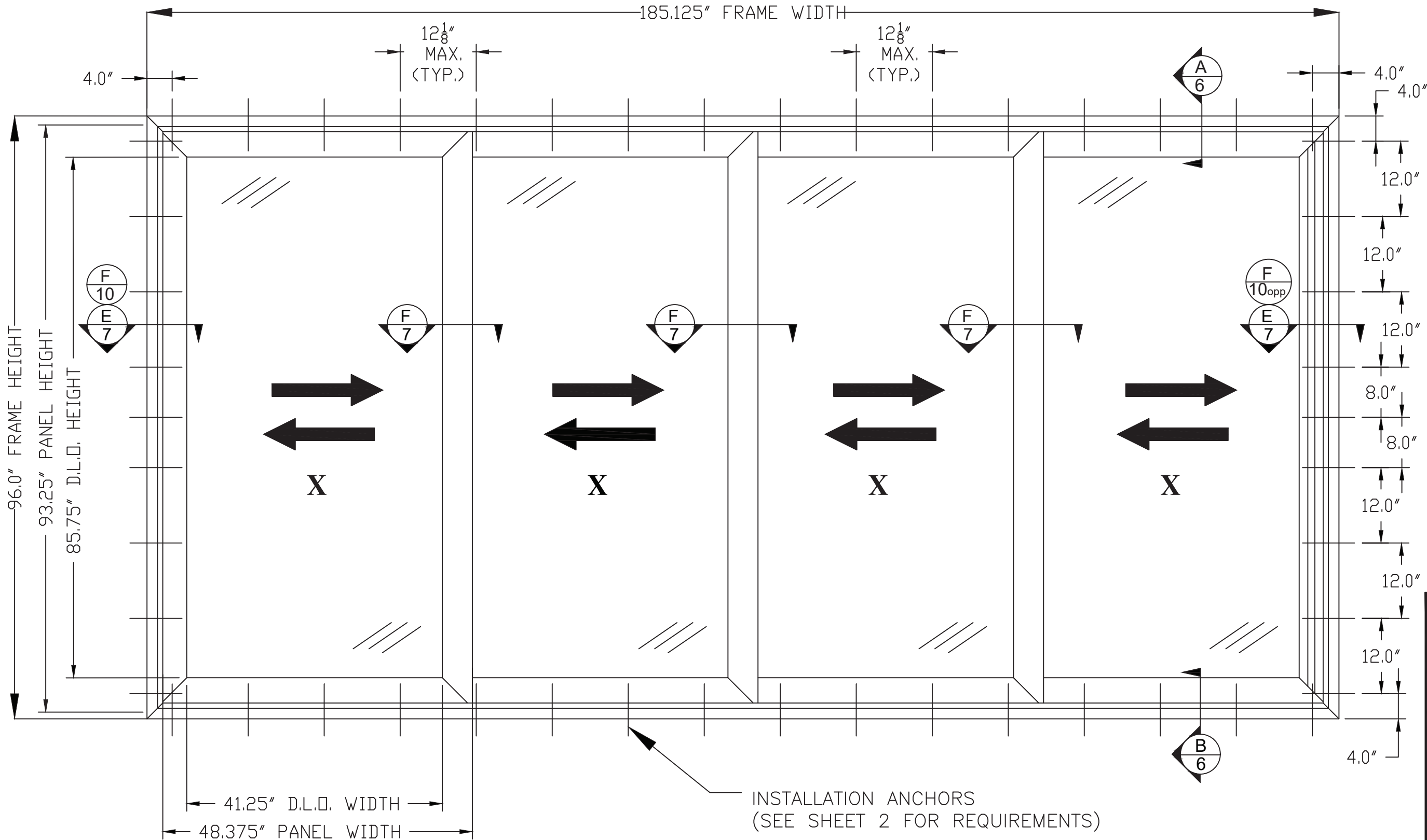
Robert J. Amoruso, P.E.
Florida P.E. No. 49752



SIGNED/SEALED: 8/4/26

PROJECT # ACE-2025-127									
			A	UPDATE TO THE 9TH EDITION (2026) FBC			8/4/26	RJA	
			REV	DESCRIPTION			DATE	BY	

RENAISSANCE WINDOWS AND DOORS 13340 INTERNATIONAL PARKWAY JACKSONVILLE, FL 32218			SERIES 9500 VINYL POCKET SGD / 2, 3 & 4 TRACKS ANCHOR SCHEDULE - EMBEDMENT & EDGE DISTANCE		
AMORUSO CONSULTING ENG., LLC FBPE REGISTRATION NO. 38327 226 N NOVA RD, NO. 142 ORMOND BEACH, FL 32174 RJAENGPE@GMAIL.COM			DRAWN BY: RJA	DATE: 12/10/19	
			SCALE: N.T.S.	DRAWING NO: RWD0014	
			REV: A	SHEET: 2 OF 12	

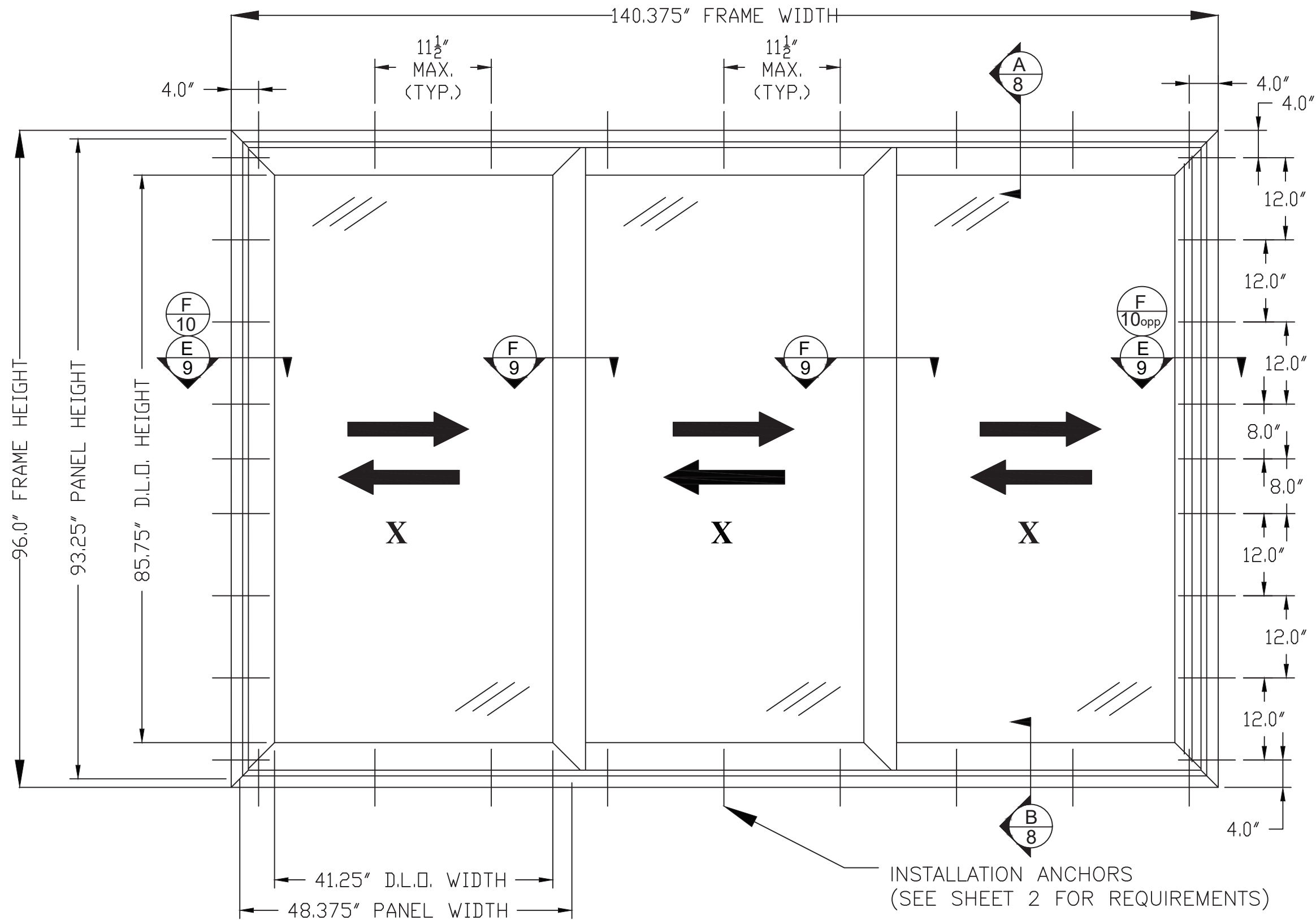


SERIES 9500 VINYL XXXX SLIDING GLASS DOOR
EXTERIOR VIEW
185" X 96" 4 PANEL/4 TRACK NOMINAL SIZE SHOWN
DESIGN PRESSURE +/-50 PSF

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						A		UPDATE TO THE 9TH EDITION (2026) FBC		REV		DESCRIPTION	
RENAISSANCE WINDOWS AND DOORS 13340 INTERNATIONAL PARKWAY JACKSONVILLE, FL 32218				SERIES 9500 VINYL POCKET SGD / 2, 3 & 4 TRACKS 185" X 96" XXXX ELEVATION & ANCHORING LAYOUT				DRAWN BY: RJA		DATE: 12/10/19		DRAWING NO: RWD0014	
AMORUSO CONSULTING ENG., LLC FBPE REGISTRATION NO. 38327 226 N NOVA RD, NO. 142 ORMOND BEACH, FL 32174 RJAENGPE@GMAIL.COM				SCALE: N.T.S.		REV: A		SHEET: 3 OF 12					

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SERIES 9500 VINYL XXX SLIDING GLASS DOOR

EXTERIOR VIEW

140" X 96" 3 PANEL/3 TRACK NOMINAL SIZE SHOWN
96" X 96" 2 PANEL/2 TRACK NOMINAL SIZE NOT SHOWN
DESIGN PRESSURE +/-65 PSF

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RENAISSANCE WINDOWS AND DOORS
13340 INTERNATIONAL PARKWAY
JACKSONVILLE, FL 32218

SERIES 9500 VINYL POCKET SGD / 2, 3 & 4 TRACKS
140" X 96" XXX ELEVATION & ANCHORING LAYOUT

PREPARED BY: AMORUSO CONSULTING ENG., LLC
FBPE REGISTRATION NO. 38327
226 N NOVA RD, NO. 142
ORMOND BEACH, FL 32174
RJAENGPE@GMAIL.COM

DRAWN BY: RJA

SCALE: N.T.S.

REV: A

DATE: 12/10/19

DRAWING NO: RWD0014

SHEET: 4 OF 12

PROJECT # ACE-2025-127

UPDATE TO THE 9TH
EDITION (2026) FBC

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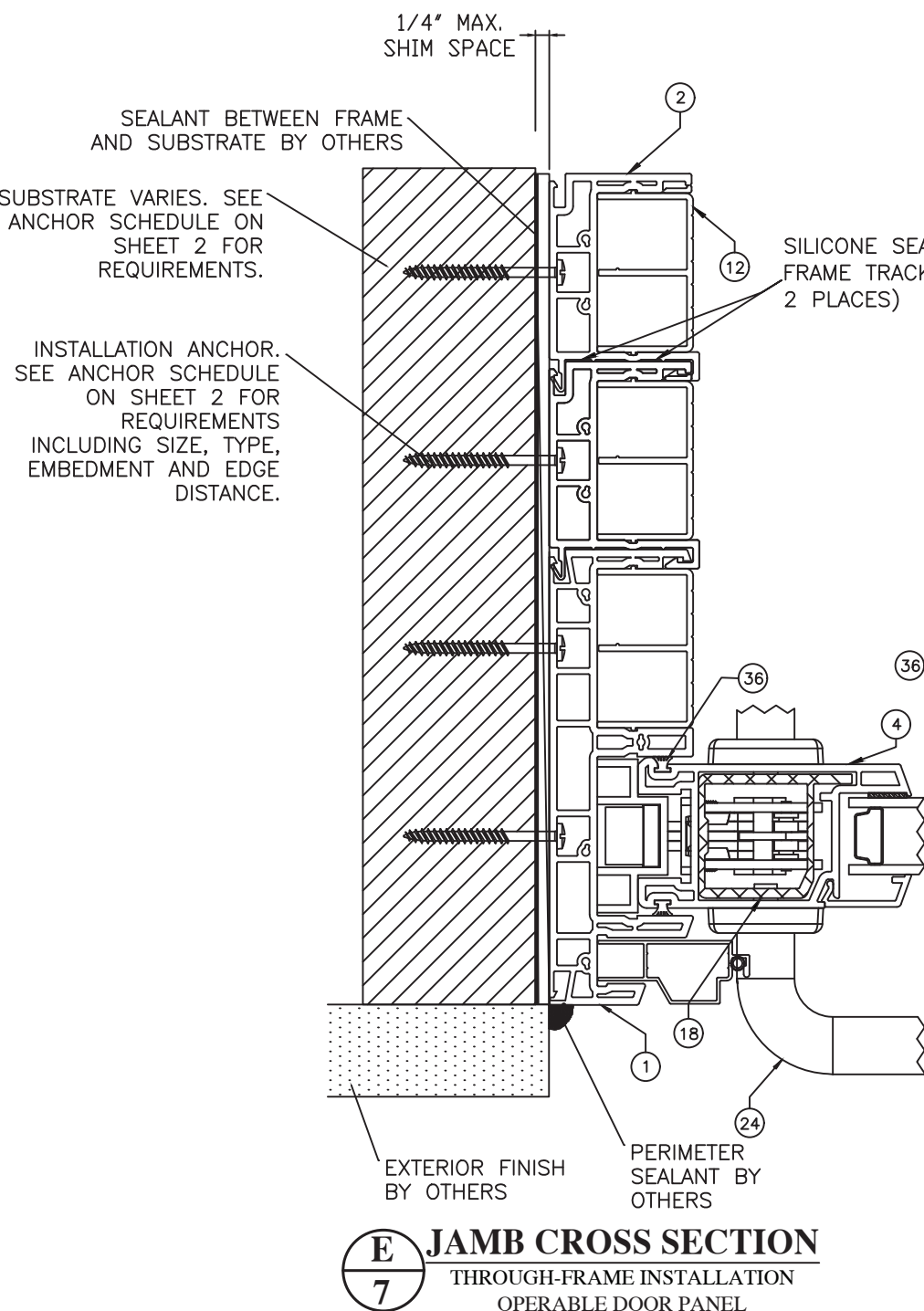
8/4/26

RJA

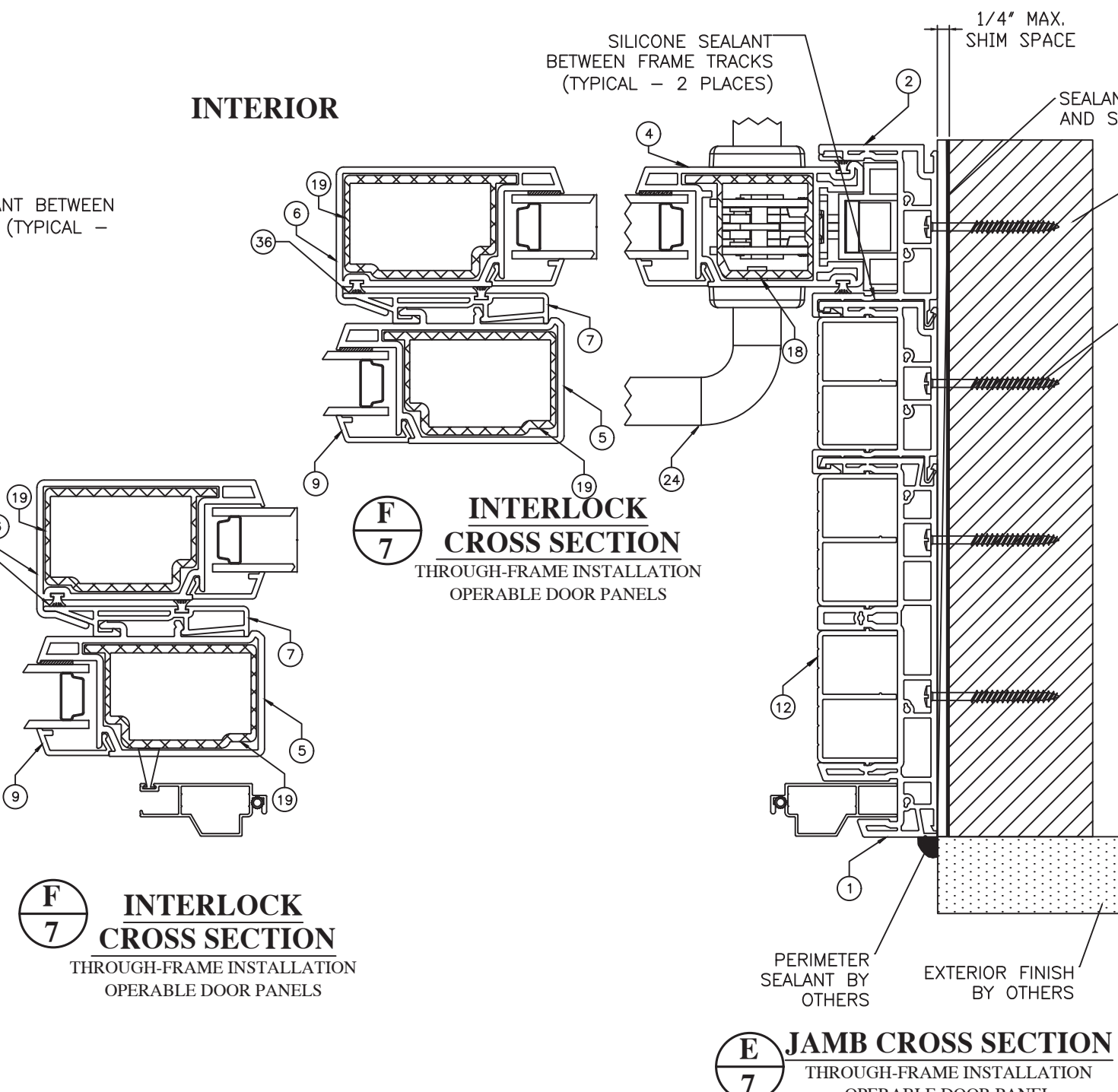
DESCRIPTION

DATE

BY



E
7 **JAMB CROSS SECTION**
THROUGH-FRAME INSTALLATION
OPERABLE DOOR PANEL



F
7 **INTERLOCK CROSS SECTION**
THROUGH-FRAME INSTALLATION
OPERABLE DOOR PANELS

F
7 **INTERLOCK CROSS SECTION**
THROUGH-FRAME INSTALLATION
OPERABLE DOOR PANELS

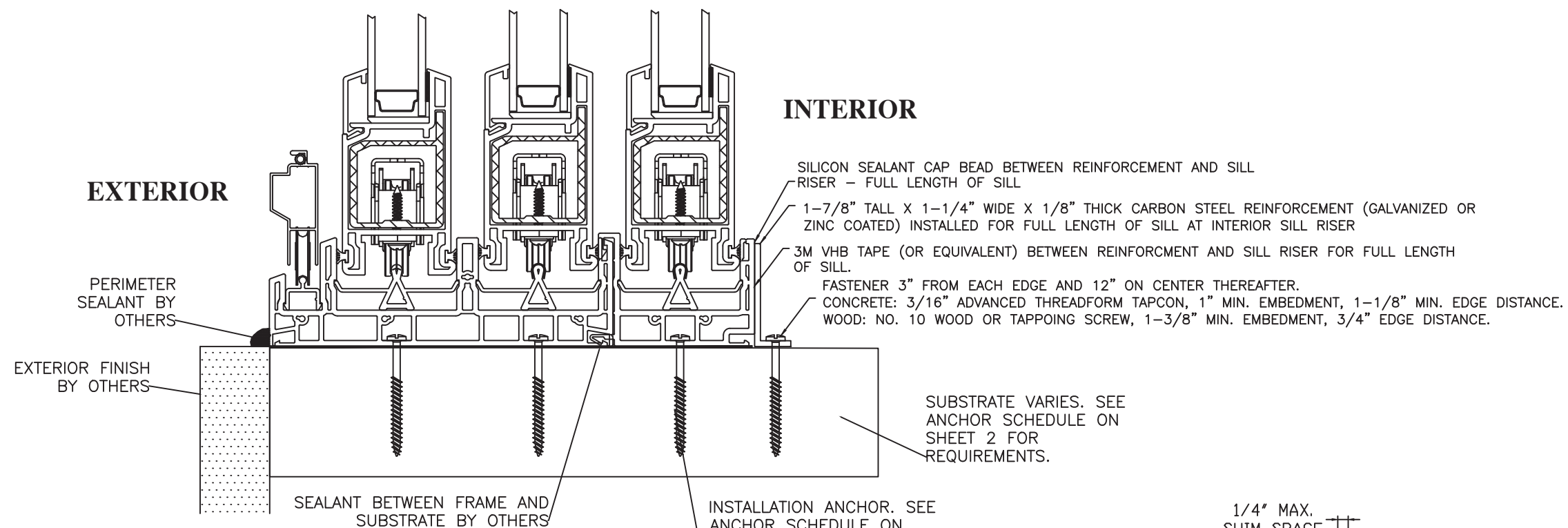
EXTERIOR

E
7 **JAMB CROSS SECTION**
THROUGH-FRAME INSTALLATION
OPERABLE DOOR PANEL

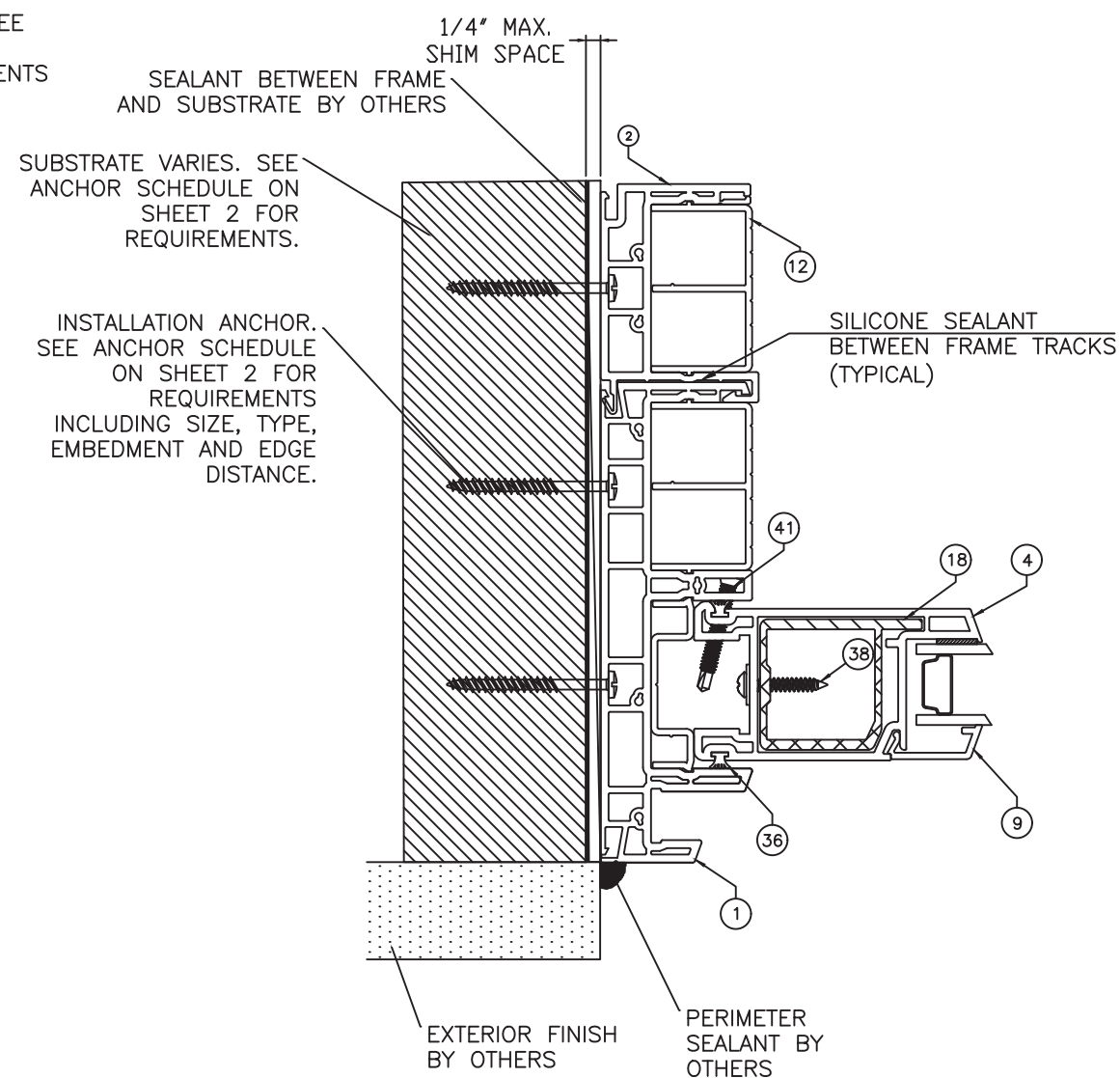
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PROJECT # ACE-2025-127							
RENAISSANCE WINDOWS AND DOORS 13340 INTERNATIONAL PARKWAY JACKSONVILLE, FL 32218		SERIES 9500 VINYL POCKET SGD / 2, 3 & 4 TRACKS 185" X 96" NOMINAL XXXX HORIZONTAL CROSS SECTIONS		DRAWN BY: RJA	DATE: 12/10/19	PREPARED BY: AMORUSO CONSULTING ENG., LLC FBPE REGISTRATION NO. 38327	BY: RJA
				SCALE: N.T.S.	DRAWING NO: RWD0014	226 N NOVA RD, NO. 142 ORMOND BEACH, FL 32174	8/4/26
				REV: A	SHEET: 7 OF 12	DESCRIPTION	DATE
							BY



DETAIL A
3-TRACK SILL REINFORCEMENT
CROSS SECTION SHOWN. SAME FOR
2-TRACK AND 4-TRACK.
THROUGH-FRAME INSTALLATION
FULL SILL LENGTH



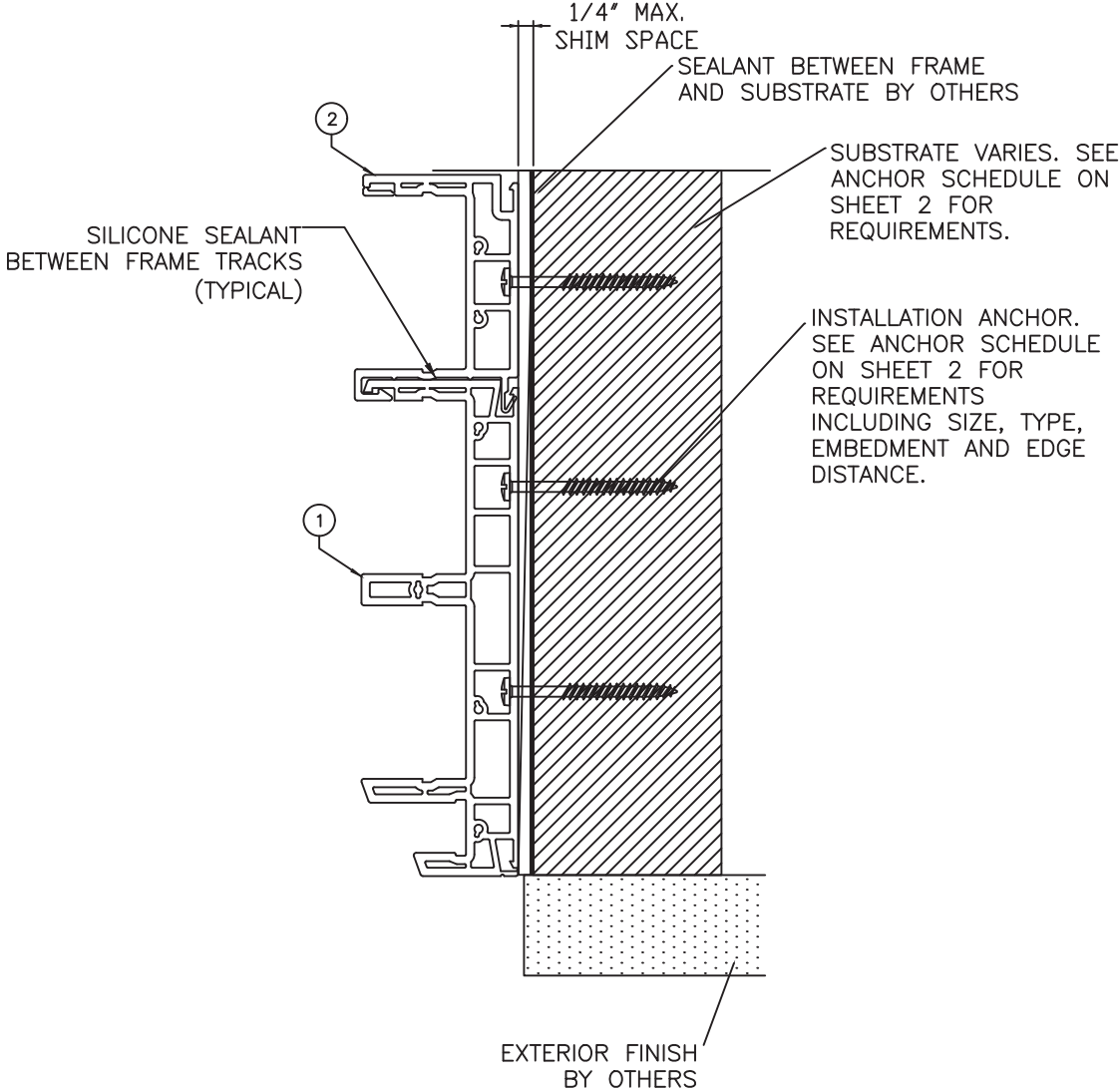
3-TRACK JAMB CROSS SECTION SHOWN.
SAME FOR 2-TRACK AND 4-TRACK.
 THROUGH-FRAME INSTALLATION
 FIXED DOOR PANEL

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POCKET DOOR
HORIZONTAL CROSS SECTIONS
THROUGH-FRAME INSTALLATION

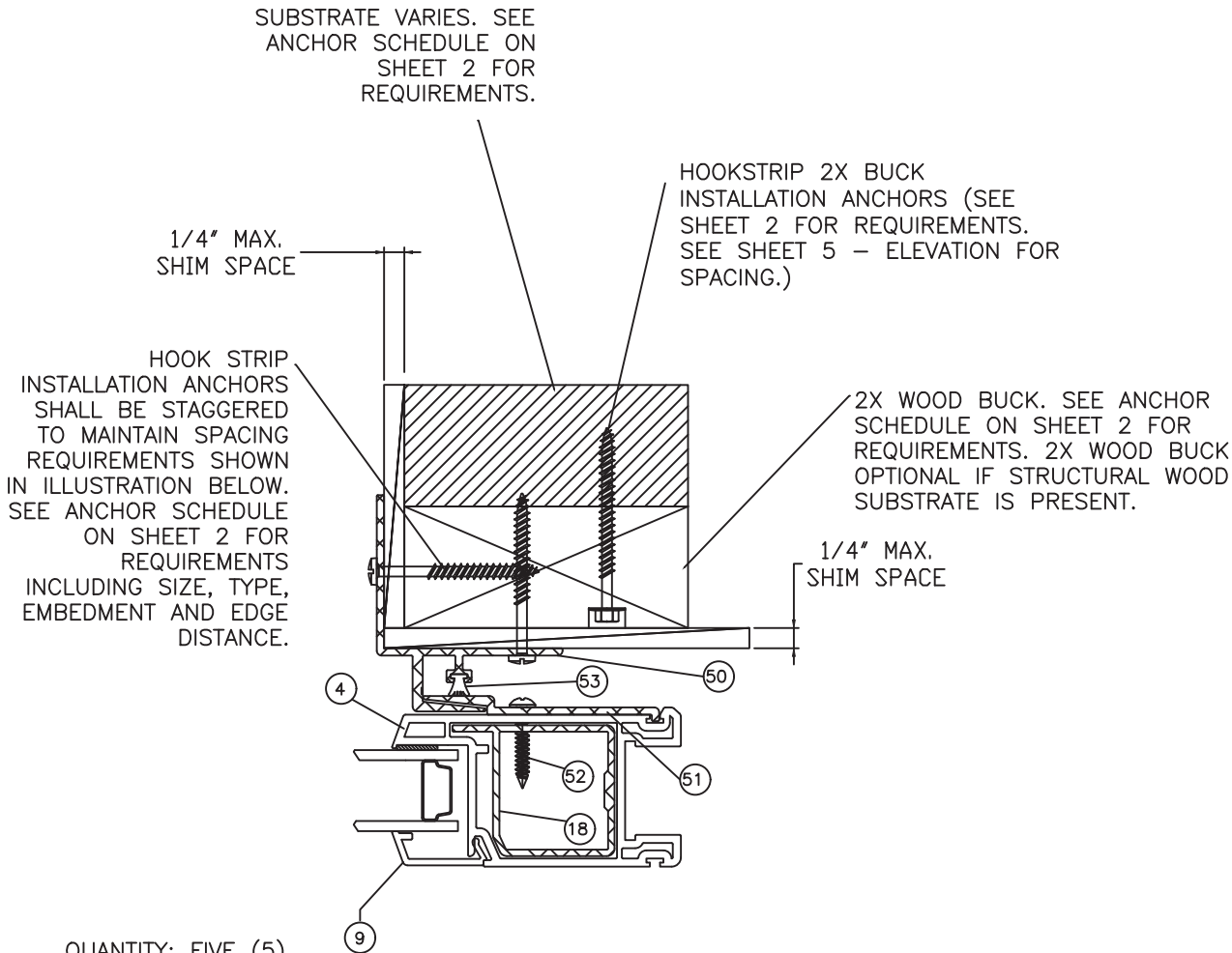


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RECEIVER JAMB CROSS SECTION (OPTIONAL)

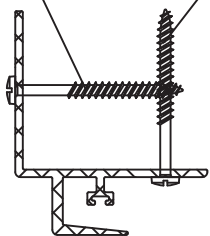
3-TRACK POCKET DOOR
HORIZONTAL CROSS SECTION AT POCKET
OPENING SHOWN.

SAME FOR 2-TRACK AND 4-TRACK.
THROUGH-FRAME INSTALLATION
OPERABLE DOOR PANEL



QUANTITY: FIVE (5)
SPACING: 6" FROM
EACH END AND
21" THEREAFTER.

QUANTITY: SIX (6)
SPACING: 4" FROM
EACH END AND
17-5/8" THEREAFTER.



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HOOKSTRIP CROSS SECTION
THROUGH-FRAME INSTALLATION
OPERABLE DOOR PANEL

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				8/4/26	RJA
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				A	REV
				DESCRIPTION	BY

RENAISSANCE WINDOWS AND DOORS 13340 INTERNATIONAL PARKWAY JACKSONVILLE, FL 32218	SERIES 9500 VINYL POCKET SGD / 2, 3 & 4 TRACKS POCKET DOOR CROSS SECTIONS				
	DRAWN BY:	RJA	DATE:	12/10/19	
	SCALE:	N.T.S.	DRAWING NO:	RWD0014	
PREPARED BY: AMORUSO CONSULTING ENG., LLC FBPE REGISTRATION NO. 38327 226 N NOVA RD, NO. 142 ORMOND BEACH, FL 32174 RJAENGPE@GMAIL.COM	REV:	A	SHEET:	11 OF 12	

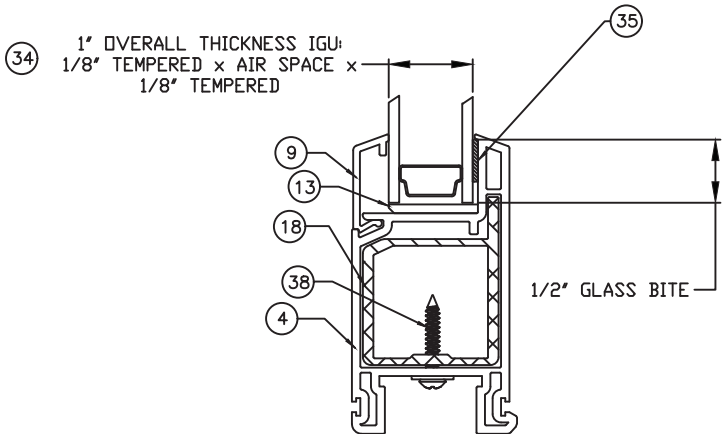
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BILL OF MATERIALS				
BOM NO.	PART NO.	PART DESCRIPTION	COMPANY	REMARKS
VINYL COMPONENTS				
1	8591	FRAME	MIKRON IND. INC.	
2	10554	ADD ON POCKET	MIKRON IND. INC.	
4	7701	PANEL STILE/RAIL	MIKRON IND. INC.	
5	7702	FIXED INTERLOCK	MIKRON IND. INC.	
6	7703	PANEL INTERLOCK	MIKRON IND. INC.	
7	7704	INTERLOCK	MIKRON IND. INC.	
8	7705	PANEL TRACK	MIKRON IND. INC.	
9	7706	GLAZING BEAD	MIKRON IND. INC.	
11	7708	ANTI-LIFT	MIKRON IND. INC.	
12	7709	THRESHOLD	MIKRON IND. INC.	
13	6152	SETTING BLOCK	MIKRON IND. INC.	
14	7556	SCREEN TRACK	MIKRON IND. INC.	
REINFORCEMENT				
18	7701.1.1	REINFORCEMENT - ALUMINUM	ONTARIO EXTRUSIONS	6063-T5
19	7703.1	REINFORCEMENT - ALUMINUM	ONTARIO EXTRUSIONS	6063-T5
21	6266.2	PANEL TRACK CAP	ALUMET	STAINLESS STEEL
COMMERCIAL DOOR HANDLE SET				
24	6635-1038-01	COMMERCIAL DOOR HANDLE SET COMPRISED OF THE FOLLOWING	AMESBURY	WHITE
25	1988-PRN166MRSS	ROLLER	AMESBURY	
26	6541-1061	SINGLE POINT LOCK	AMESBURY	COMMERCIAL
27	6991-10XX	FACE PLATE	AMESBURY	
28	6635-10XX	INSIDE HANDLE	AMESBURY	C SHAPE SOLID TUBE
29	6636-10XX	OUTSIDE HANDLE	AMESBURY	C SHAPE SOLID TUBE
30	6000-074-01KD1	CYLINDER - MORTISE	AMESBURY	.800 CAM
31	6000-082-01	THUMBTURN - MORTISE	AMESBURY	.800 CAM
32	6990-10XX	STRIKE - COMMERCIAL	AMESBURY	COLLAPSIBLE
33		SCREW PACKAGE	AMESBURY	
GLAZING				
34		1" OVERLL THICKNESS IGU: 1/8" TEMPERED x AIR SPACE x 1/8" TEMPERED		
35		WET GLAZING COMPOUND		SILICONE
MISC.				
36		QUIET FIN WEATHERSTRIP, Pile w/Integral Fin	AMESBURY	.270 High x .187 Back
37	PP009	BUMPER	PLASTIC PROFILES	WHITE
38	#8 X 1"	WASHER HEAD TEK SCREW - PHILLIPS		
39	#8 X 3"	PAN HEAD SCREW		
41	#10 X 1-1/2"	FLAT HEAD SCREW		
OPTIONAL LOCK & HANDLE SET - NOT SHOWN				
42	191014	SBML 2 POINT MORTICE LOCK	INTERLOCK	
43	PS01-0031	MOUNTING PLATE ASSEMBLY	INTERLOCK	
44	PS01-3035	EXTENDED PINION GEAR	INTERLOCK	
45	PS01-0030	INTUITION HANDLE ASSEMBLY	INTERLOCK	
46	PS01-3040	EXTERIOR PULL	INTERLOCK	
47	PS01-5030	M4 X 26 CSK FLAT TT	INTERLOCK	NEED 2
48	PS01-5014	SCREW M4X50 CSK POZI TT	INTERLOCK	NEED 2
49	PS01-0060	21 MM ADJUSTABLE STRIKE	INTERLOCK	

GLAZING DETAIL INSULATING GLASS UNIT



GLAZING DETAIL A

NOTES:

- 1. A MINIMUM OF TWO (2) NEOPRENE SETTING BLOCKS WITH 70 TO 90 SHORE A DUROMETER HARDNESS ARE REQUIRED AT BOTTOM (SILL) OF GLAZING LITES MORE THAN 3 FEET IN WIDTH.
- 2. FIXED PANEL RAIL SHOWN. ALL OTHER GLAZING DETAILS SAME FOR FIXED AND OPERABLE PANEL RAIL AND STILE GLAZING.

BILL OF MATERIALS				
BOM NO.	PART NO.	PART DESCRIPTION	COMPANY	REMARKS
HOOK STRIP COMPONENTS				
50	31237	HOOK STRIP	MIKRON IND. INC.	6063-T5
51	32134	HOOK STRIP INTERLOCK	MIKRON IND. INC.	6063-T5
52	#8 X 1"	HOOK STRIP INTERLOCK/STILE SCREW WASHER HEAD TEK SCREW - PHILLIPS	---	SCREWS ARE SPACED 4" FROM END AND 12" ON CENTER
53	W43361NW0000	QUIET FIN WEATHERSTRIP, Pile w/Integral Fin	AMESBURY	.360 High x .187 Back

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			8/4/26	DATE
			UPDATE TO THE 9TH EDITION (2026) FBC	DESCRIPTION
RENAISSANCE WINDOWS AND DOORS 13340 INTERNATIONAL PARKWAY JACKSONVILLE, FL 32218	SERIES 9500 VINYL POCKET SGD / 2, 3 & 4 TRACKS GLAZING DETAIL AND BILL OF MATERIALS	DATE:	12/10/19	12 OF 12
		DRAWN BY:	RJA	
		SCALE:	N.T.S.	
AMORUSO CONSULTING ENG., LLC FBPE REGISTRATION NO. 38327 226 N NOVA RD, NO. 142 ORMOND BEACH, FL 32174 RJAENGPE@GMAIL.COM	GLAZING DETAIL AND BILL OF MATERIALS	DRAWING NO:	RWD0014	REV
		SHEET:	12 OF 12	
		REV:	A	