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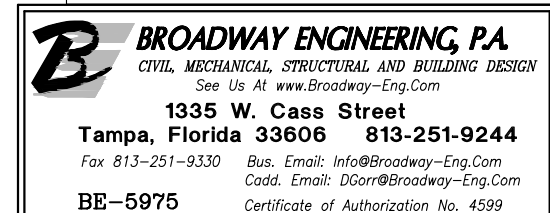
Coral

▪ Architectural Products ▪

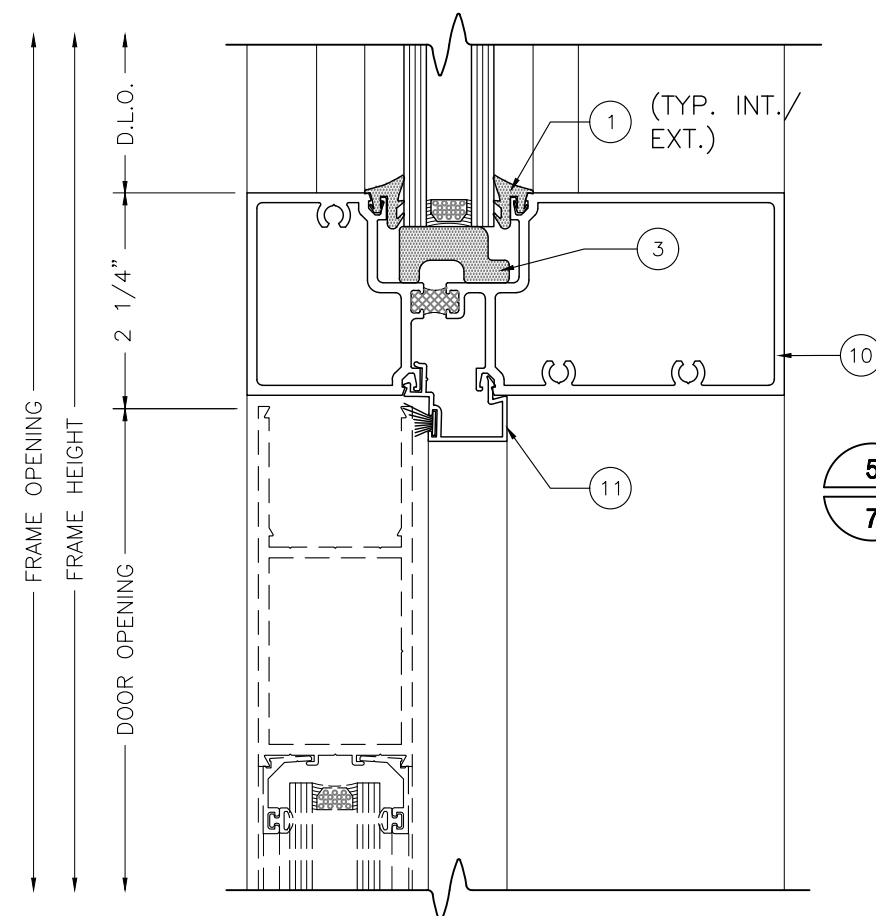
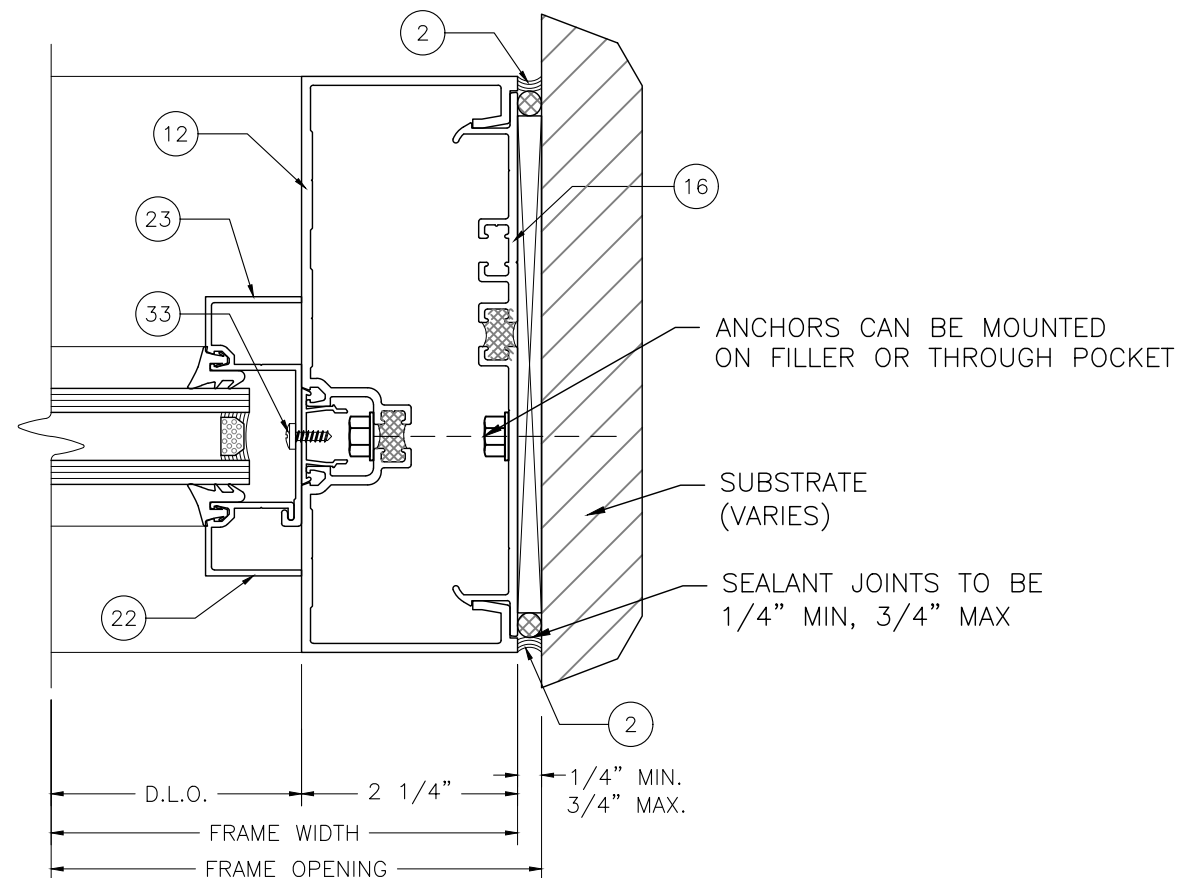
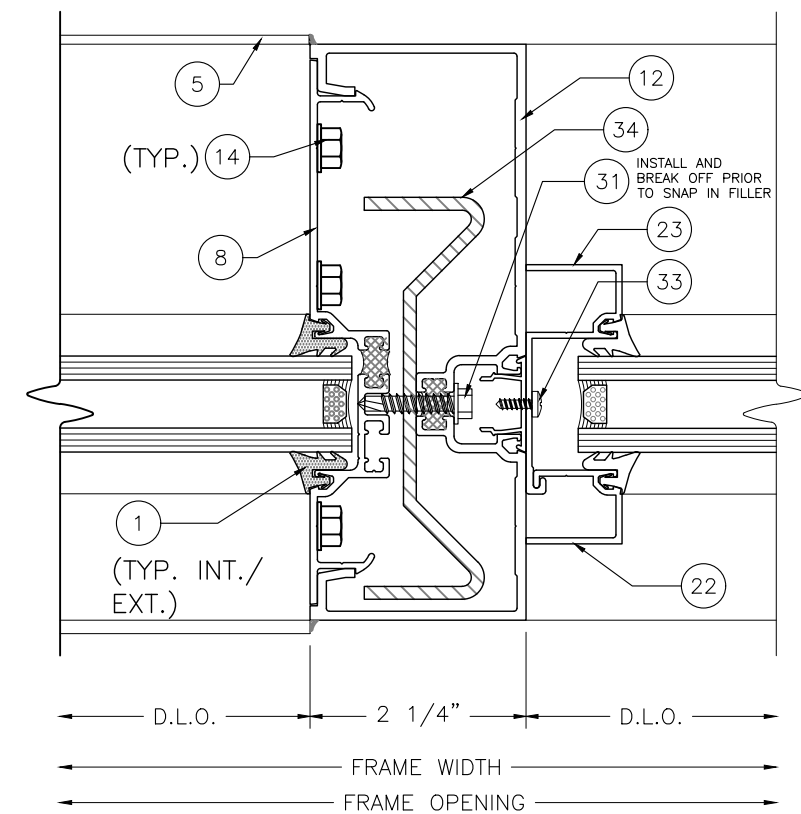
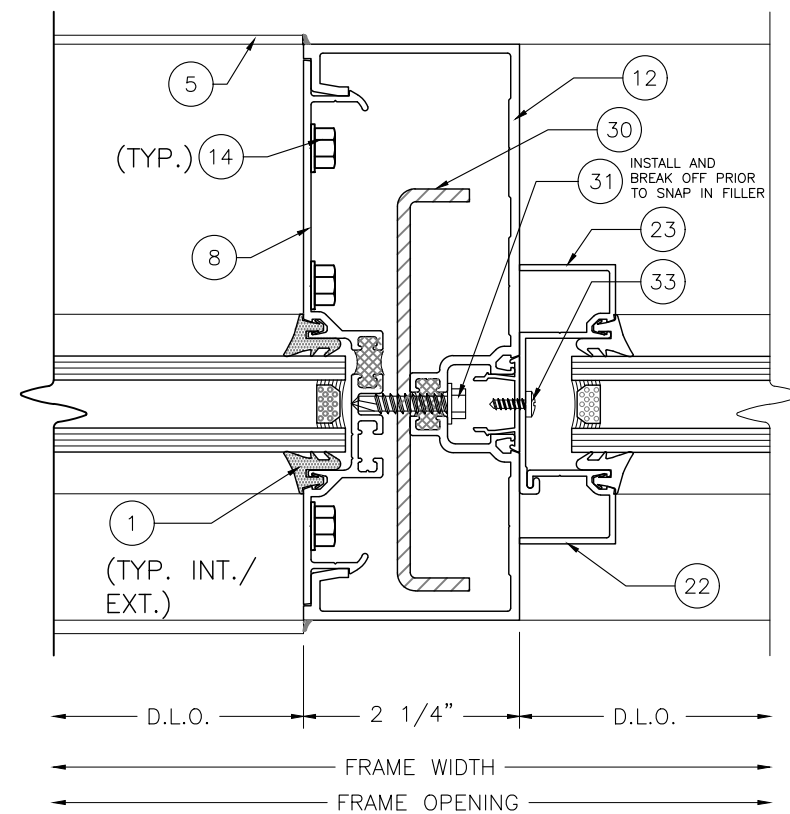
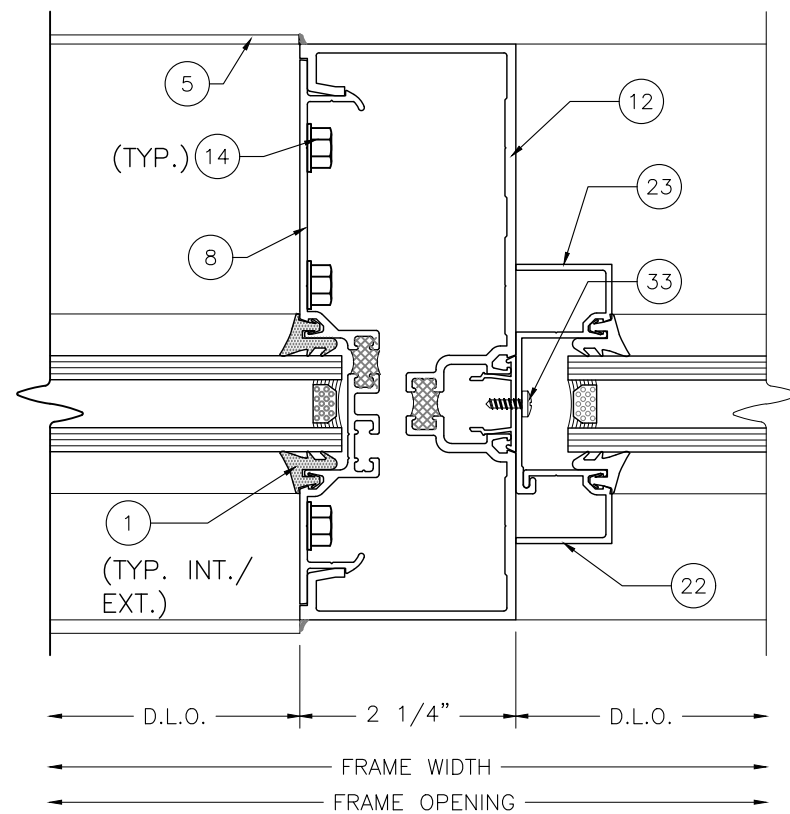
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PHONE: 800-772-7737 FAX: 800-255-7920

FLORIDA PRODUCT
APPROVAL DRAWINGS FOR FL600T

INDEX TO DRAWINGS AND NOTES



PROJECT NO. FL600T	
DRAWN DEG	DATE 11/20/2024
CHECKED EAB	APPROVED EAB
SHEET 1 OF 17	



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FLORIDA PRODUCT
APPROVAL DRAWINGS FOR FL600T

DOOR FRAMING DETAILS

PROJECT NO.
FL600T

DRAWN DEG	DATE 11/20/2024
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CHECKED <i>FAB</i>	APPROVED <i>FAB</i>
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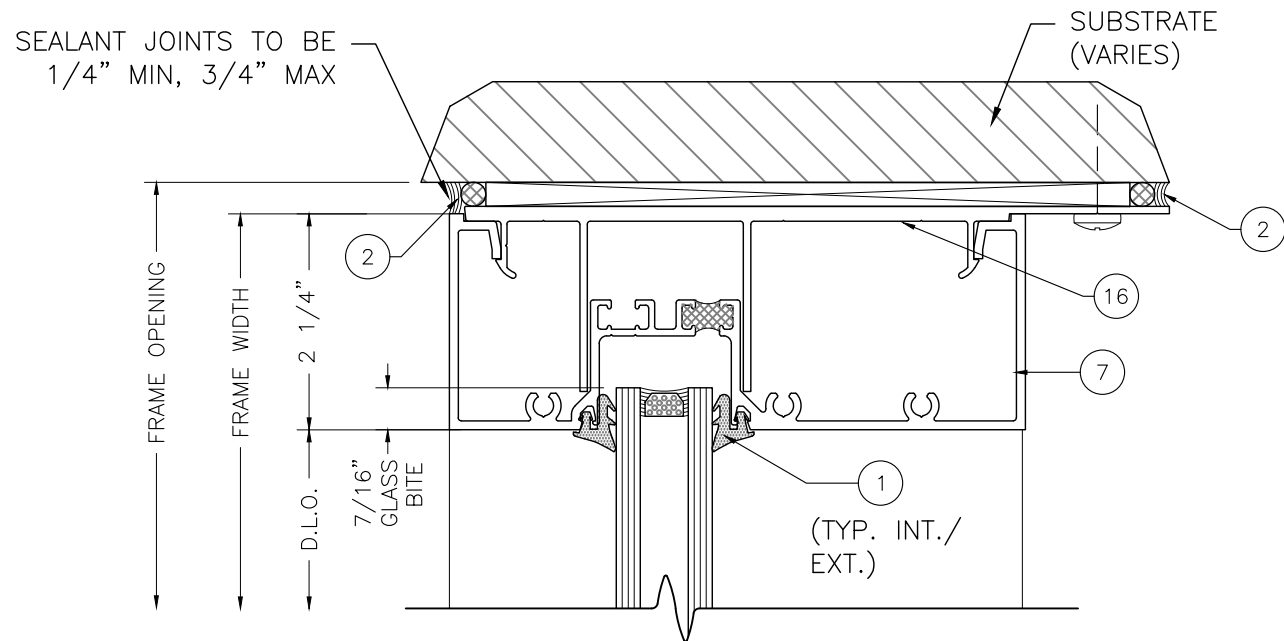
7 OF 17

DESCRIPTION

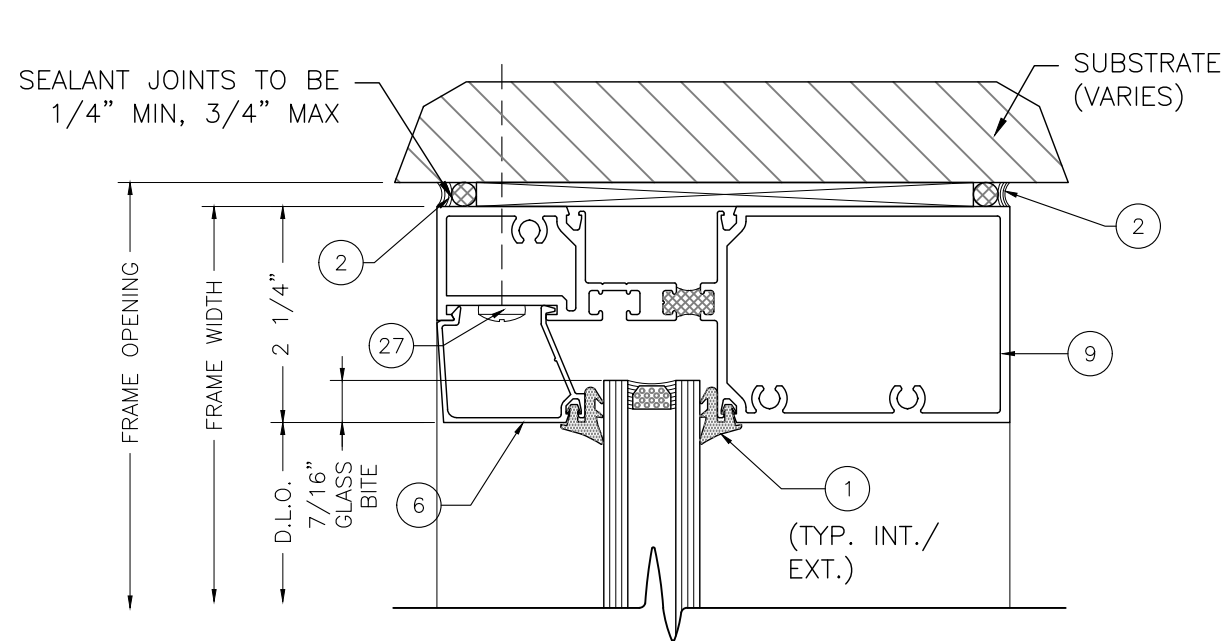
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Coral

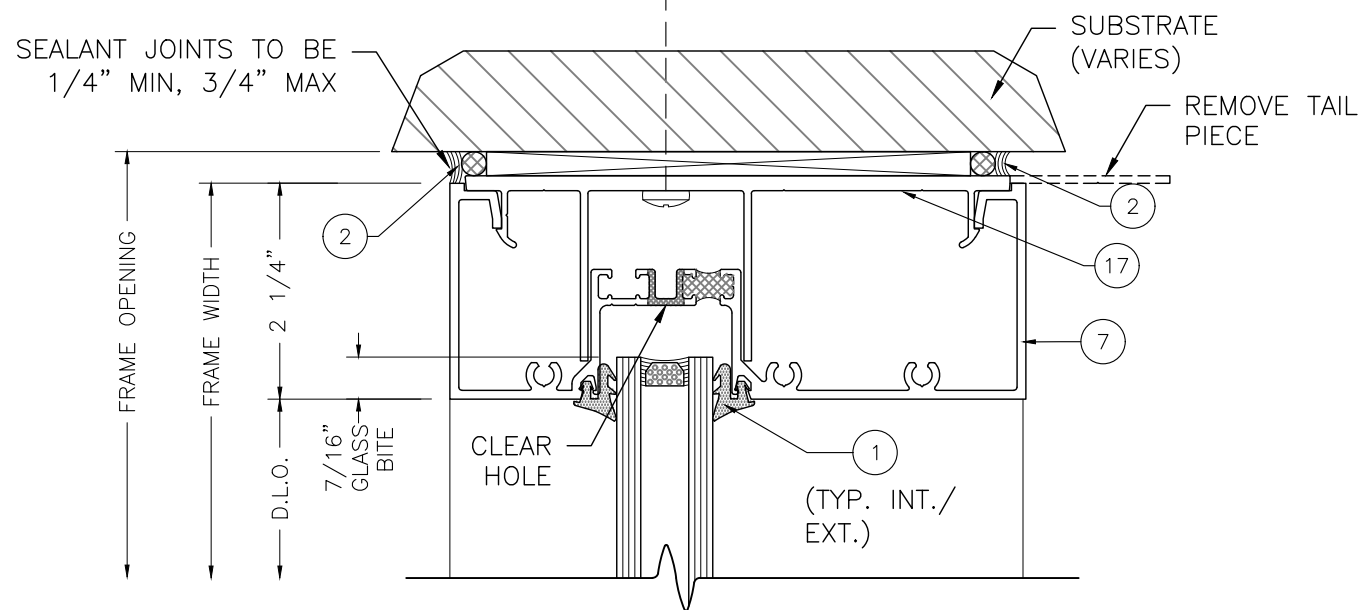
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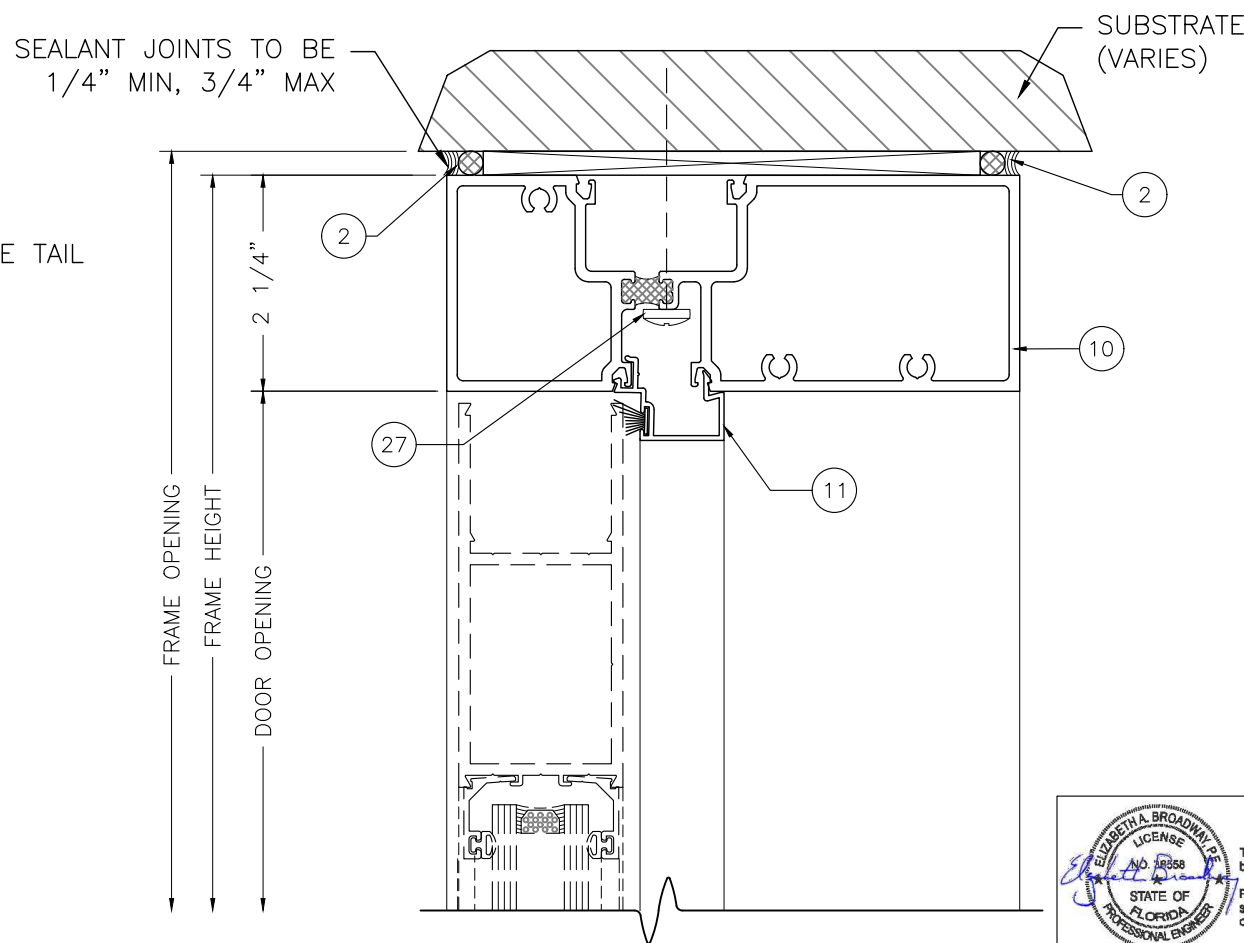
1 **OPTIONAL HEAD**
8 SCALE: 1:2



3 **OPTIONAL HEAD**
8 SCALE: 1:2



2 **OPTIONAL HEAD**
8 SCALE: 1:2



4 **OPTIONAL DOOR HEADER**
8 SCALE: 1:2



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FLORIDA PRODUCT
APPROVAL DRAWINGS FOR FL600T
OPTIONAL FRAMING DETAILS

PROJECT NO. FL600T
DRAWN DEG DATE 11/20/2024
CHECKED EAB APPROVED EAB
SHEET 8 OF 17

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REV BY DATE DESCRIPTION

BILL OF MATERIALS						
ITEM NO.	P/N	DESCRIPTION	DIMENSIONS	MATERIAL	MANUFACTURER	NOTES
1	NG1	EXTERIOR GLAZING GASKET	0.120 SPACE	EPDM	VARIES	USED ON EXT. AND INT.
2	795	SILICONE	FILL SPACE	SILICONE	DOW CORNING	
3	SB3	SETTING BLOCK @ SILL & HORIZONTAL	0.625 X 1.218 X 4.000	EPDM – SHORE A HARDNESS 70–90 DURO	VARIES	(2) PER LITE OF GLASS, MEETS ASTM C864
4	WD300–1	WATER DIVERTER	1.358 X 1.344 X 4.000	INJECTION MOLDED PLASTIC	CORAL INDUSTRIES, INC.	@ EACH END OF HORIZONTAL
5	FL639T	SUBSILL FLASHING	2.250 X 6.250 X 0.094	6063–T6 ALUMINUM	CORAL INDUSTRIES, INC.	
6	FL303	GLASS STOP	1.207 X 1.543 X 0.050	6063–T6 ALUMINUM	CORAL INDUSTRIES, INC.	
7	FL634T	VERTICAL/HEAD/JAMB	2.250 X 6.000 X 0.093	6063–T6 ALUMINUM	CORAL INDUSTRIES, INC.	
8	FL625T	OPEN BACK MULLION FILLER	0.862 X 5.670 X 0.078	6063–T6 ALUMINUM	CORAL INDUSTRIES, INC.	
9	FL626T	INTERMEDIATE HORIZONTAL	2.250 X 5.969 X 0.100	6063–T6 ALUMINUM	CORAL INDUSTRIES, INC.	
10	FL607T	DOOR HEADER	2.250 X 5.969 X 0.110	6063–T6 ALUMINUM	CORAL INDUSTRIES, INC.	
11	DS200	DOOR STOP	.500 X 1.019 X .050	6063–T6 ALUMINUM	CORAL INDUSTRIES, INC.	
12	FL609T	DOOR JAMB	2.250 X 6.000 X .093	6063–T6 ALUMINUM	CORAL INDUSTRIES, INC.	
13	ED619–1	SILL FLASHING END DAM	2.250 X 1.000 X 0.062	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	USED AT ENDS OF SUBSILL
14	AS16	FASTENER	#14 X 1” HHSTS	STEEL	VARIES	TYP. SPLINE SCREW VERTICAL/HORIZONTAL JOINTS
16	CS604T	FLAT FILLER	5.6668 X .6730 X .093	6063–T6 ALUMINUM	CORAL INDUSTRIES, INC.	
17	CS601	F–CLIP	7.3411 X 1.9135 X .156	6063–T6 ALUMINUM	CORAL INDUSTRIES, INC.	12” IN LENGTH
18	VG10	GASKET		EPDM	VARIES	
19	FL610T	VERTICAL EXPANSION MULLION	2.0939 X 6.00 X .093	6063–T6 ALUMINUM	CORAL INDUSTRIES, INC.	
20	FL611T	VERTICAL EXPANSION MULLION	1.6945 X 6.00 X .093	6063–T6 ALUMINUM	CORAL INDUSTRIES, INC.	
21	FL612	DOOR HEADER	2.00 X 6.00 X .125	6063–T6 ALUMINUM	CORAL INDUSTRIES, INC.	
22	FL518	SASH	1.00 X .7670 X .0620	6063–T6 ALUMINUM	CORAL INDUSTRIES, INC.	
23	CS115	SASH	1.00 X 2.3910 X .0620	6063–T6 ALUMINUM	CORAL INDUSTRIES, INC.	
24	DS202	DOOR STOP	1.1880 X 2.00 X .0900	6063–T6 ALUMINUM	CORAL INDUSTRIES, INC	
25	CS118	MALE HEAD RECEPTOR	1.531 X 1.465 X .062	6063–T6 ALUMINUM	CORAL INDUSTRIES, INC	
26	CS619T	FEMALE HEAD RECEPTOR	1.5620 X 6.286 X .062	6063–T6 ALUMINUM	CORAL INDUSTRIES, INC	
27	AS56	FASTENER	#12 X 1.5 SS PHPSMS	STEEL	VARIES	ANCHOR TO CONNECT SILL TO SUBSILL
28	FL646T	HEAVY WALL VERTICAL	2.25 X 6 X .23	6063–T6 ALUMINUM	CORAL INDUSTRIES, INC	
29	FL649	HEAVY WALL DOOR JAMB	2.25 X 6 X .176	6063–T6 ALUMIMUM	CORAL INDUSTRIES, INC	
30	SR102	10GA A–36 STEEL	.75 X 4.1875 X .134	PRIMED STEEL	VARIES	
31	AS19	FASTENER	#12 X 1 HWH TEK	STEEL	VARIES	ONE AT TOP AND BOTTOM OF DOOR FRAMES TO HOLD SR102
32	CS105	POCKET FILLER	.480 X 1 X .040	6063–T6 ALUMINUM	CORAL	
33	AS331	FASTENER	#6 X 3/8” PPH	STEEL	VARIES	
34	SR101	10GA A–36 STEEL	1.25 X 4.18 X .134	PRIMED STEEL	VARIES	

FLORIDA PRODUCT
APPROVAL DRAWINGS FOR FL600T

BILL OF MATERIALS





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PROJECT NO. FL600T	
DRAWN DEG	DATE 11/20/2024
CHECKED EAB	APPROVED EAB
SHEET 10 OF 17	

5 SUBSILL

6 GLASS STOP

7 VERTICAL MULLION

8 OPEN BACK MULLION FILLER

12 DOOR JAMB

9 HORIZONTAL MULLION

10 DOOR HEADER

11 DOOR STOP

25 MALE HEAD RECEPTOR

16 FLAT FILLER

17 F-CLIP

24 DOOR STOP

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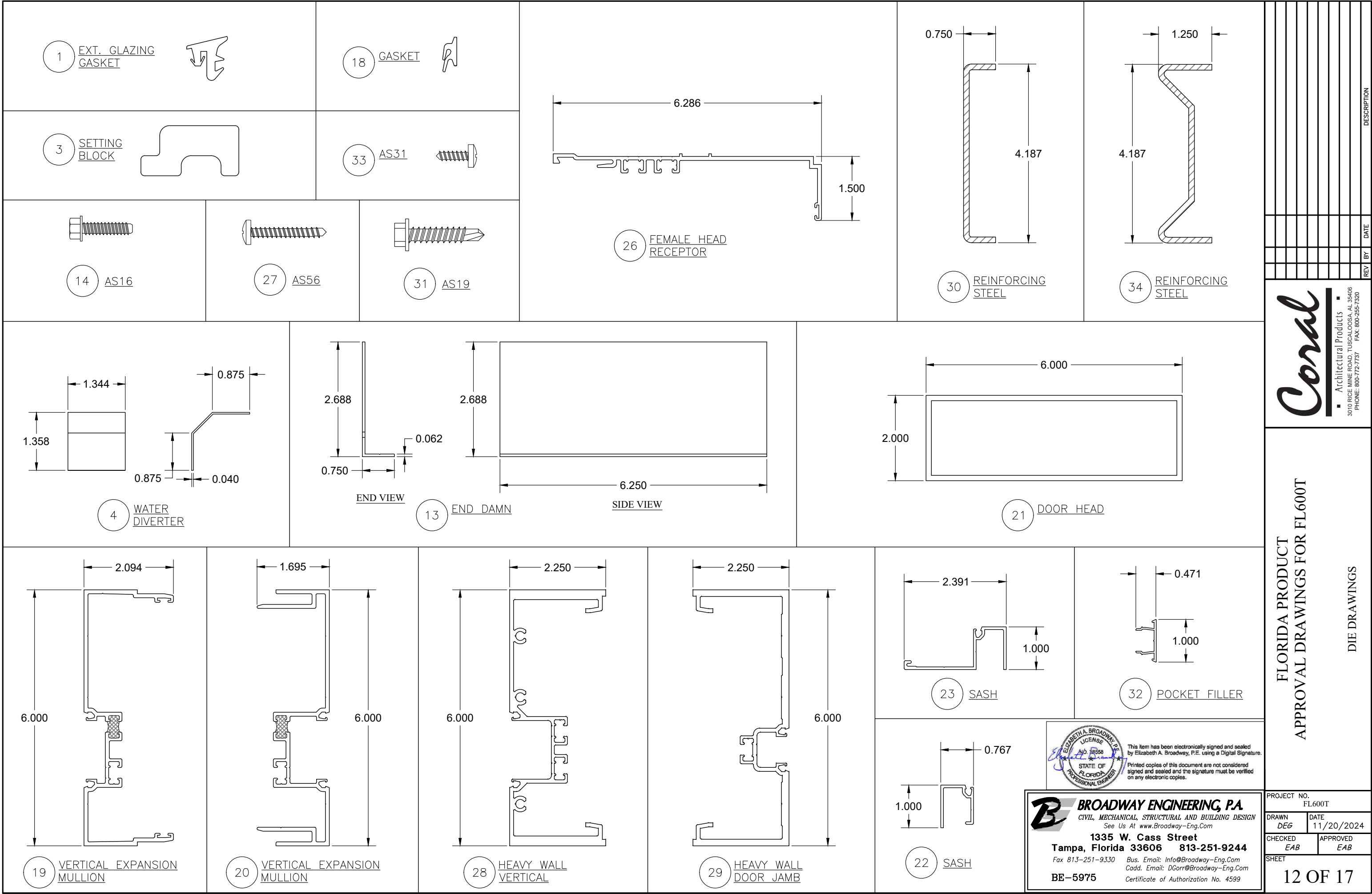
FLORIDA PRODUCT
APPROVAL DRAWINGS FOR FL600T

DIE DRAWINGS

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PROJECT NO. FL600T	
DRAWN DEG	DATE 11/20/2024
CHECKED EAB	APPROVED EAB
SHEET 11 OF 17	



Coral

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PHONE: 800-772-7737 FAX: 800-255-7320

ELIZABETH A. BROADWAY, P.E.

STATE OF FLORIDA

PROFESSIONAL ENGINEER

18358

11/20/2024

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PERIMETER FASTENERS:

1. TYPICAL INSTALLATION INTO SUBSTRATES
- A. 3000 PSI CONCRETE
 - B. STEEL, 18 GA. MIN.
 - C. HOT ROLLED STEEL, 1/8" MIN. THICKNESS
 - D. SO. PINE, GRADE NO. 2 OR BETTER

2. FIRST ANCHOR IS 2" FROM EDGE OF VERTICAL. EACH ADDITIONAL FASTENER IS AT REQUIRED MIN. SPACING.

ANCHOR LENGTHS ARE SHOWN TO MEET MINIMUM EMBEDMENT.

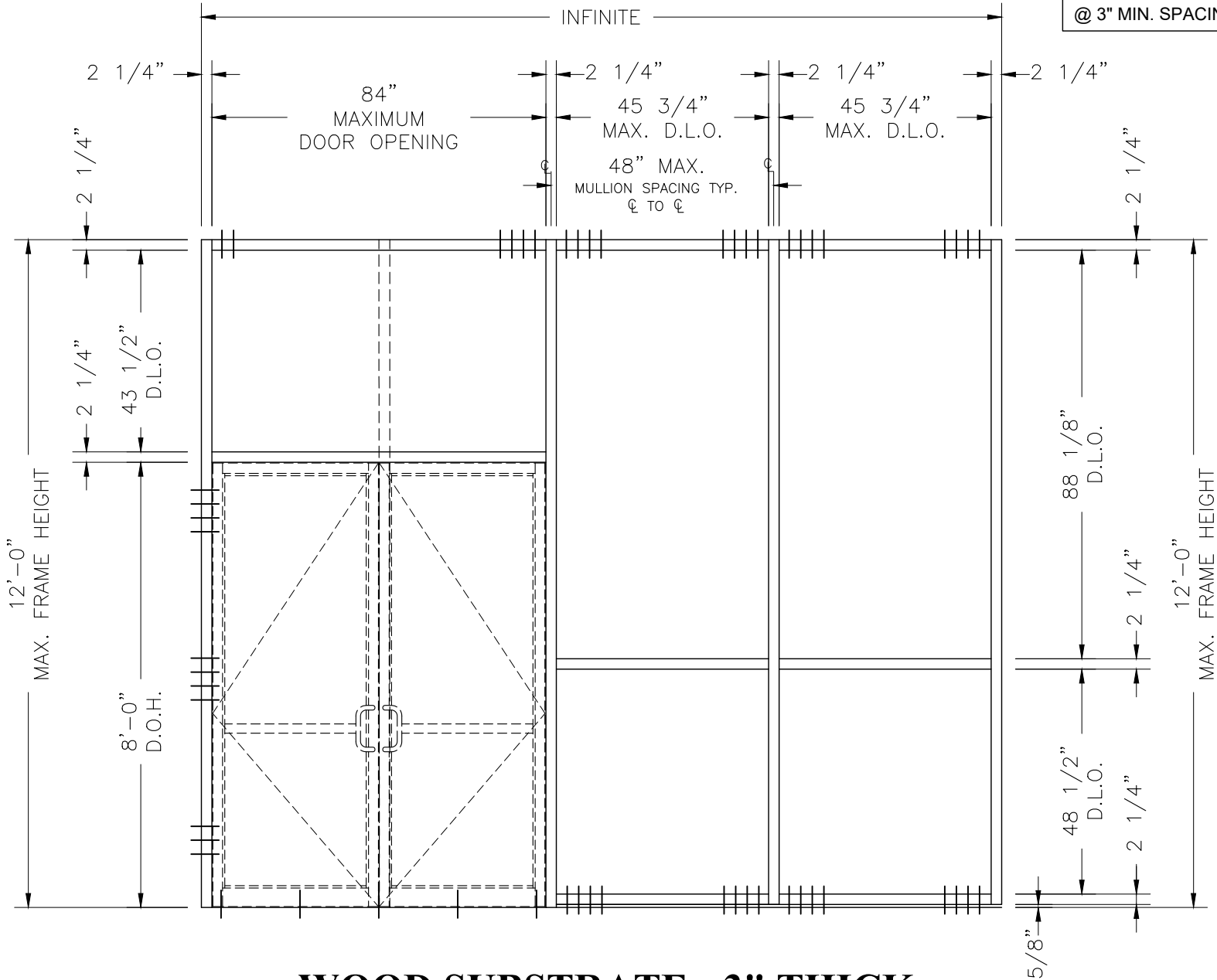
DOOR PAIR DEPICTED, SINGLE DOORS QUALIFIED BY SAME.

FOR DOOR FRAMES WITHOUT SIDELITES, ANCHORING SHALL BE DUPLICATED ON BOTH JAMBS AS SHOWN (PAIRS AND/ OR SINGLES).

DOOR FRAME JAMB ANCHORS #14 X 3" PAN OR HEX HEAD WOOD SCREW	
LOCATION	SPACING
FROM BOTTOM OF FRAME (3) TOTAL	11-1/2", 14-1/2", 17-1/2"
FROM CENTERLINE (4) TOTAL	1-1/2", 4-1/2" ABOVE CENTERLINE 1-1/2", 4-1/2" BELOW CENTERLINE
FROM BOTTOM OF DOOR HEADER (4) TOTAL	11-1/2", 14-1/2", 17-1/2", 20-1/2"

NOTE:
DOOR FRAMES WITH AND WITHOUT TRANSOM SHALL BE ANCHORED AS SHOWN ON CHART ABOVE.

THRESHOLD ANCHORS 1/4" X 2-1/2" FHP TAPCON OR EQUAL - 1-3/4" MINIMUM EMBEDMENT, 2-1/2" MIN. EDGE DISTANCE	
SINGLE DOORS UP TO 48" (3 ANCHORS TOTAL)	(1) EACH 4" FROM EACH JAMB
	(1) EACH AT CENTER LINE OF DOOR OPENING
PAIRS DOORS UP TO 96" (5 ANCHORS TOTAL)	(1) EACH AT 4" FROM EACH JAMB
	(1) EACH AT CENTER LINE OF DOOR OPENING
	(1) EACH BETWEEN CENTER LINE AND JAMB ANCHORS

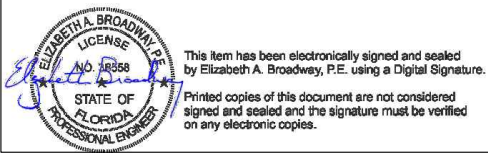


WOOD SUBSTRATE - 3" THICK
ANCHOR LOCATIONS

HEAD AND SILL
#14 X 3" WOOD SCREWS WITH 2" MIN. EMBEDMENT, 1-3/4" MIN. EDGE DISTANCE. LOCATE FIRST ANCHOR 2" FROM EDGE OF MULLION AND ADDITIONAL FASTENERS @ 3" MIN. SPACING .

JAMB
#14 X 3" WOOD SCREWS WITH 2" MIN. EMBEDMENT, 1-3/4" MIN. EDGE DISTANCE. LOCATE (1) ANCHOR @ 1-1/2" ABOVE AND BELOW CENTERLINE AND ADDITIONAL FASTENERS @ 3" MIN. SPACING .

NOTE:
WOOD FRAMING THAT IS LESS THAN 2-1/2" SHALL BE CONSIDERED BLOCKING. STOREFRONT FRAMING SHALL BE FASTENED THROUGH WOOD INTO STEEL OR CONCRETE SUBSTRATE.



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FLORIDA PRODUCT APPROVAL DRAWINGS FOR FL600T	
WOOD FASTENER LOCATIONS	
PROJECT NO. FL600T	DATE 11/20/2024
DRAWN DEG	CHECKED EAB
APPROVED EAB	
SHEET 14 OF 17	

1. TYPICAL INSTALLATION INTO SUBSTRATES
 - A. 3000 PSI CONCRETE
 - B. STEEL, 18 GA. MIN.
 - C. HOT ROLLED STEEL, 1/8" MIN. THICKNESS
 - D. SO. PINE, GRADE NO. 2 OR BETTER

2. FIRST ANCHOR IS 2" FROM EDGE
OF VERTICAL. EACH ADDITIONAL
FASTENER IS AT REQUIRED MIN. SPACING.

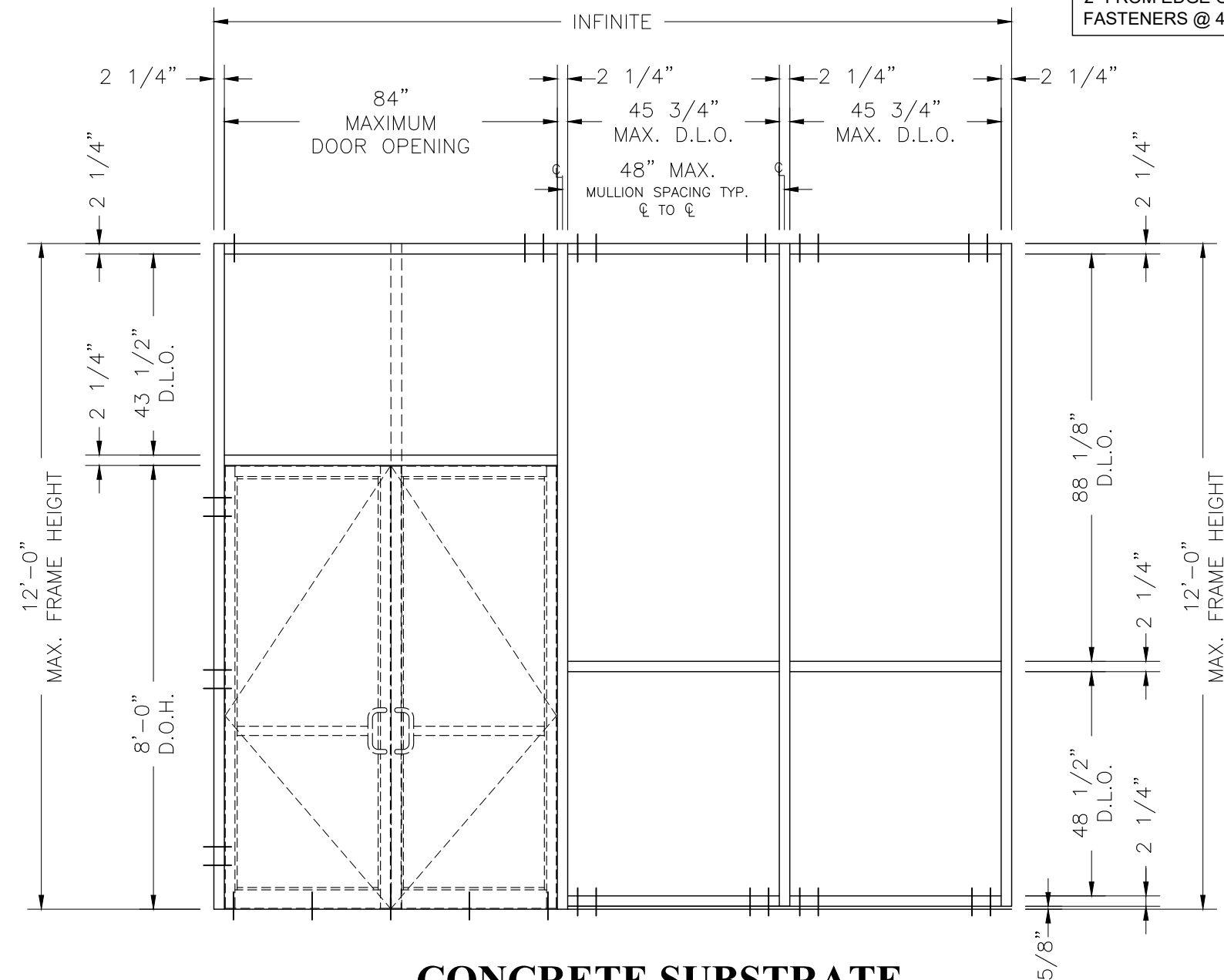
DOOR PAIR DEPICTED, SINGLE DOORS QUALIFIED BY SAME.

FOR DOOR FRAMES WITHOUT SIDELITES, ANCHORING SHALL BE DUPLICATED ON BOTH JAMBS AS SHOWN (PAIRS AND/ OR SINGLES).

DOOR FRAME JAMB ANCHORS 1/4" X 3" HEX OR FLAT HEAD TAPCONS	
LOCATION	SPACING
FROM BOTTOM OF FRAME (2) TOTAL	8-1/2", 12-1/2"
FROM CENTERLINE (2) TOTAL	2" ABOVE CENTERLINE 2" BELOW CENTERLINE
FROM BOTTOM OF DOOR HEADER (2) TOTAL	8-1/2", 12-1/2"

NOTE:
DOOR FRAMES WITH AND WITHOUT TRANSOM SHALL BE
ANCHORED AS SHOWN ON CHART ABOVE.

THRESHOLD ANCHORS	
1/4" X 2-1/2" FHP TAPCON OR EQUAL - 1-3/4" MINIMUM EMBEDMENT, 2-1/2" MIN. EDGE DISTANCE	
SINGLE DOORS UP TO 48" (3 ANCHORS TOTAL)	(1) EACH 4" FROM EACH JAMB
	(1) EACH AT CENTER LINE OF DOOR OPENING
PAIRS DOORS UP TO 96" (5 ANCHORS TOTAL)	(1) EACH AT 4" FROM EACH JAMB
	(1) EACH AT CENTER LINE OF DOOR OPENING
	(1) EACH BETWEEN CENTER LINE AND JAMB ANCHORS



CONCRETE SUBSTRATE ANCHOR LOCATIONS

1/4" X 2-1/2" TAPCON WITH 1-3/4" MIN.
 EMBEDMENT, MIN. 4" SPACING, 2-1/2" MIN.
 EDGE DISTANCE. LOCATE FIRST ANCHOR
 2" FROM EDGE OF MULLION AND ADDITIONAL
 FASTENERS @ 4" MIN. SPACING .

1/4" X 2-1/2" TAPCON WITH 1-3/4" MIN.
 EMBEDMENT, 2-1/2" MIN. EDGE DISTANCE.
 LOCATE (1) ANCHOR @ 2" ABOVE AND
 BELOW CENTERLINE



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FLORIDA PRODUCT APPROVAL DRAWINGS FOR FL600T CONCRETE FASTENER LOCATIONS																			
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PERIMETER FASTENERS:

1. TYPICAL INSTALLATION INTO SUBSTRATES
A. 3000 PSI CONCRETE
B. STEEL, 18 GA. MIN.
C. HOT ROLLED STEEL, 1/8" MIN. THICKNESS
D. SO. PINE, GRADE NO. 2 OR BETTER

2. FIRST ANCHOR IS 2" FROM EDGE
OF VERTICAL. EACH ADDITIONAL
FASTENER IS AT REQUIRED MIN. SPACING.

ANCHOR LENGTHS ARE SHOWN TO MEET MINIMUM EMBEDMENT.

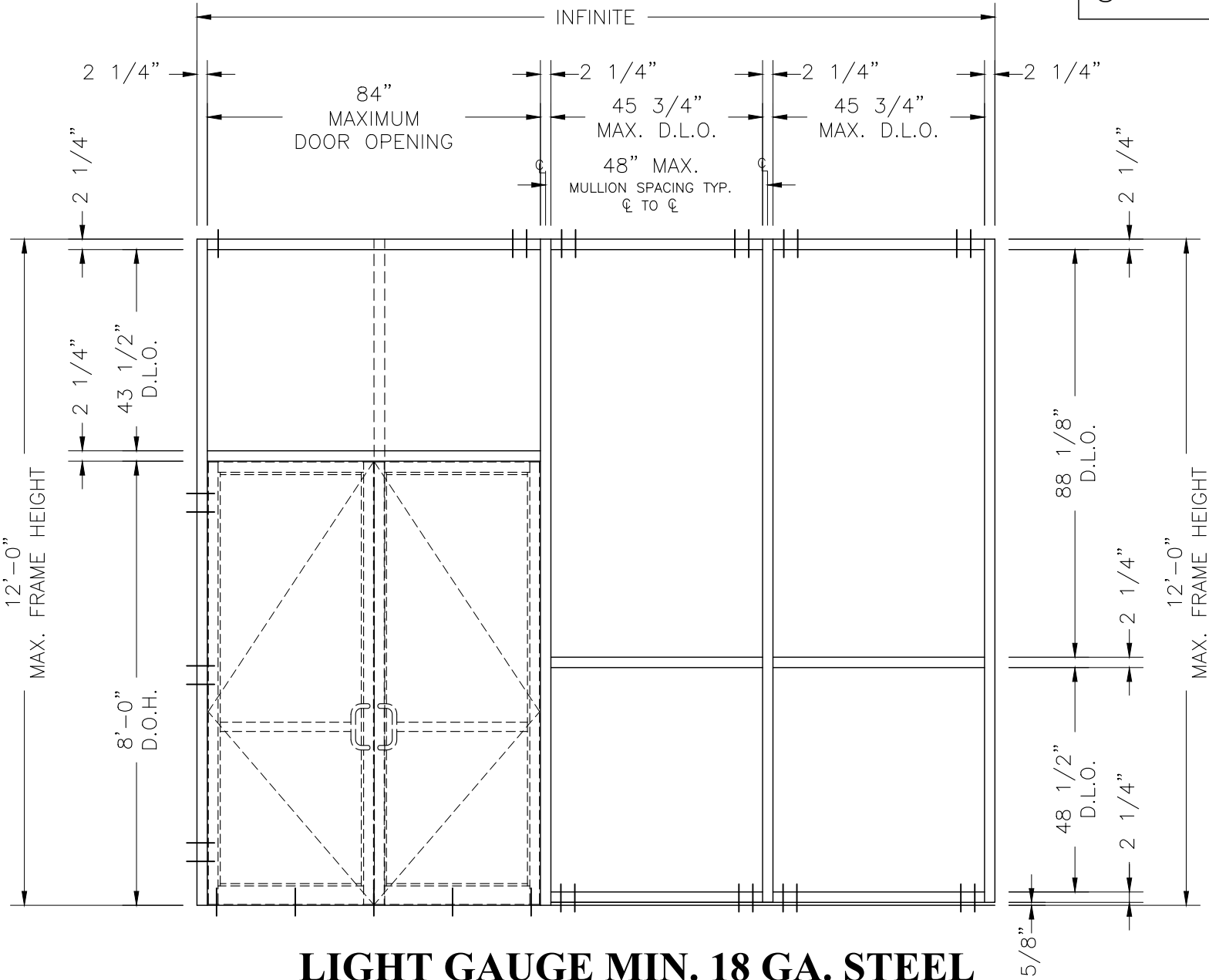
DOOR PAIR DEPICTED, SINGLE DOORS QUALIFIED BY SAME.

FOR DOOR FRAMES WITHOUT SIDELITES, ANCHORING
SHALL BE DUPLICATED ON BOTH JAMBS AS SHOWN
(PAIRS AND/ OR SINGLES).

DOOR FRAME JAMB ANCHORS 1/4-14 X 2-1/2" TEK 3 HEX OR FLAT HEAD SCREWS	
LOCATION	SPACING
FROM BOTTOM OF FRAME (2) TOTAL	8-1/2", 12-1/2"
FROM CENTERLINE (2) TOTAL	2" ABOVE CENTERLINE 2" BELOW CENTERLINE
FROM BOTTOM OF DOOR HEADER (2) TOTAL	8-1/2", 12-1/2"

NOTE:
DOOR FRAMES WITH AND WITHOUT TRANSOM SHALL BE
ANCHORED AS SHOWN ON CHART ABOVE.

THRESHOLD ANCHORS 1/4" X 2-1/2" FHP TAPCON OR EQUAL - 1-3/4" MINIMUM EMBEDMENT, 2-1/2" MIN. EDGE DISTANCE	
SINGLE DOORS UP TO 48" (3 ANCHORS TOTAL)	(1) EACH 4" FROM EACH JAMB
	(1) EACH AT CENTER LINE OF DOOR OPENING
PAIRS DOORS UP TO 96" (5 ANCHORS TOTAL)	(1) EACH AT 4" FROM EACH JAMB
	(1) EACH AT CENTER LINE OF DOOR OPENING
	(1) EACH BETWEEN CENTER LINE AND JAMB ANCHORS



LIGHT GAUGE MIN. 18 GA. STEEL
SUBSTRATE ANCHOR LOCATIONS

HEAD AND SILL

1/4" X 2-1/2" TEK 3 SCREW.
LOCATE FIRST ANCHOR 2" FROM EDGE
OF MULLION AND ADDITIONAL ANCHORS
@ 2" MIN. SPACING .

JAMB

1/4" X 2-1/2" TEK 3 SCREW.
LOCATE (1) ANCHOR @ 1" ABOVE AND
BELOW CENTERLINE



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FLORIDA PRODUCT
APPROVAL DRAWINGS FOR FL600T
LIGHT GAUGE STEEL FASTENER LOCATIONS

PROJECT NO.
FL600T
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11/20/2024
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EAB
SHEET
16 OF 17

PERIMETER FASTENERS:

1. TYPICAL INSTALLATION INTO SUBSTRATES
- A. 3000 PSI CONCRETE
 - B. STEEL, 18 GA. MIN.
 - C. HOT ROLLED STEEL, 1/8" MIN. THICKNESS
 - D. SO. PINE, GRADE NO. 2 OR BETTER

2. FIRST ANCHOR IS 2" FROM EDGE OF VERTICAL. EACH ADDITIONAL FASTENER IS AT REQUIRED MIN. SPACING.

ANCHOR LENGTHS ARE SHOWN TO MEET MINIMUM EMBEDMENT.

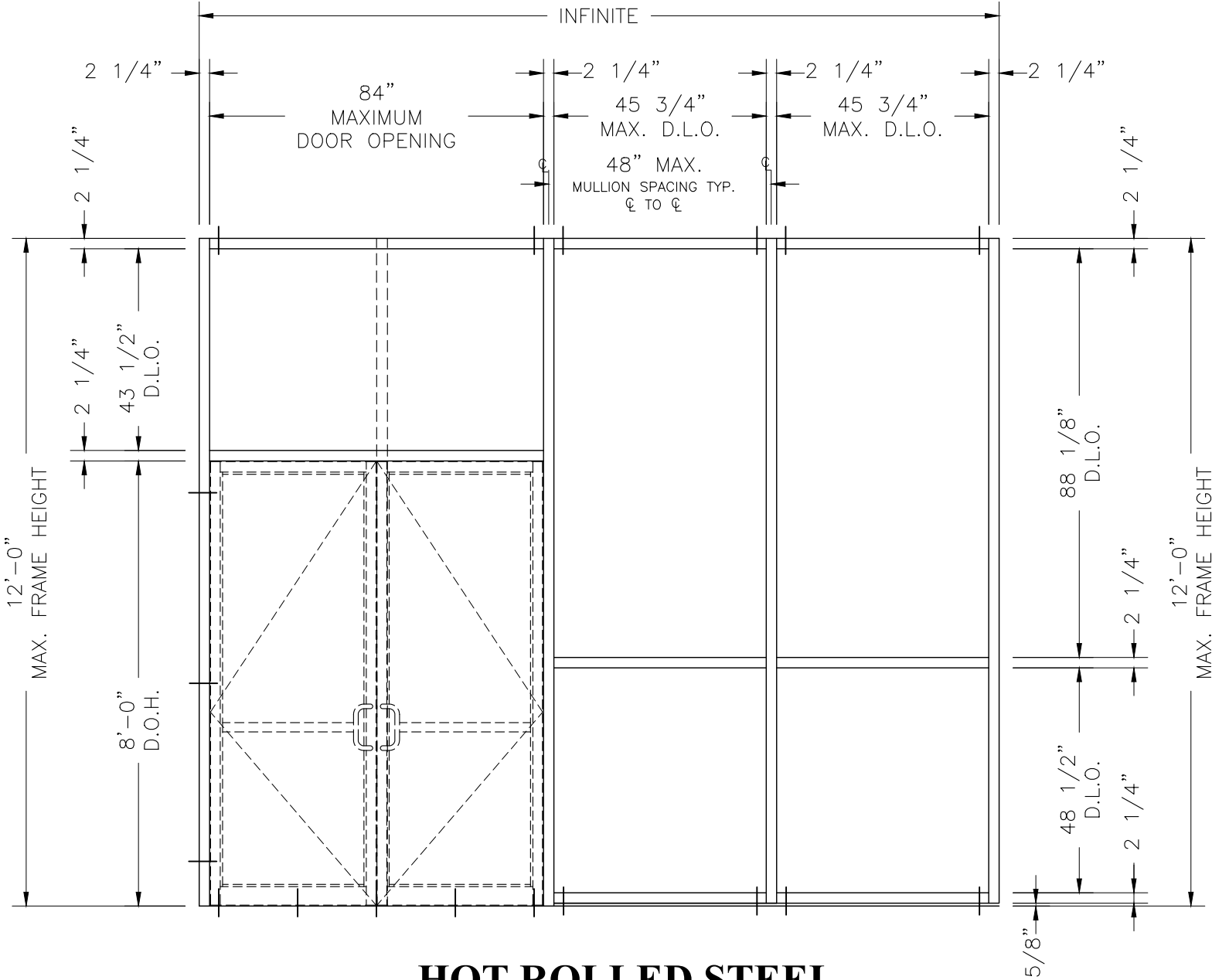
DOOR PAIR DEPICTED, SINGLE DOORS QUALIFIED BY SAME.

FOR DOOR FRAMES WITHOUT SIDELITES, ANCHORING SHALL BE DUPLICATED ON BOTH JAMBS AS SHOWN (PAIRS AND/ OR SINGLES).

DOOR FRAME JAMB ANCHORS 1/4-14 X 2-1/2" TEK 3 HEX OR FLAT HEAD SCREWS OR 1/4" X 2-1/2" BOLT	
LOCATION	SPACING
FROM BOTTOM OF FRAME (1) TOTAL	8-1/2"
FROM CENTERLINE (1) TOTAL	AT CENTERLINE
FROM BOTTOM OF DOOR HEADER (1) TOTAL	8-1/2"

NOTE:
DOOR FRAMES WITH AND WITHOUT TRANSOM SHALL BE ANCHORED AS SHOWN ON CHART ABOVE.

THRESHOLD ANCHORS 1/4" X 2-1/2" FHP TAPCON OR EQUAL - 1-3/4" MINIMUM EMBEDMENT, 2-1/2" MIN. EDGE DISTANCE	
SINGLE DOORS UP TO 48" (3 ANCHORS TOTAL)	(1) EACH 4" FROM EACH JAMB
	(1) EACH AT CENTER LINE OF DOOR OPENING
PAIRS DOORS UP TO 96" (5 ANCHORS TOTAL)	(1) EACH AT 4" FROM EACH JAMB
	(1) EACH AT CENTER LINE OF DOOR OPENING
	(1) EACH BETWEEN CENTER LINE AND JAMB ANCHORS



HOT ROLLED STEEL
SUBSTRATE ANCHOR LOCATIONS

HEAD AND SILL

1/4" X 2" PAN HEAD OR TEK SCREW
OR
1/4" X 2" TYPE F BOLT OR STANDARD SAE BOLT AND TAP
OR
1/4" X 2" BOLT, NUT, AND WASHER
LOCATE ANCHORS 2" FROM EDGE OF MULLION.

JAMB

1/4" X 2-1/2" TEK 3 SCREW OR BOLT
LOCATE ANCHOR @ CENTERLINE



This item has been electronically signed and sealed by Elizabeth A. Broadway, P.E. using a Digital Signature.
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