

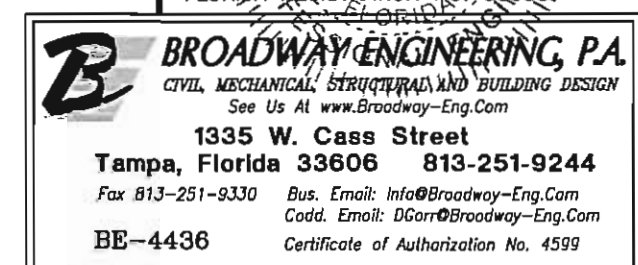
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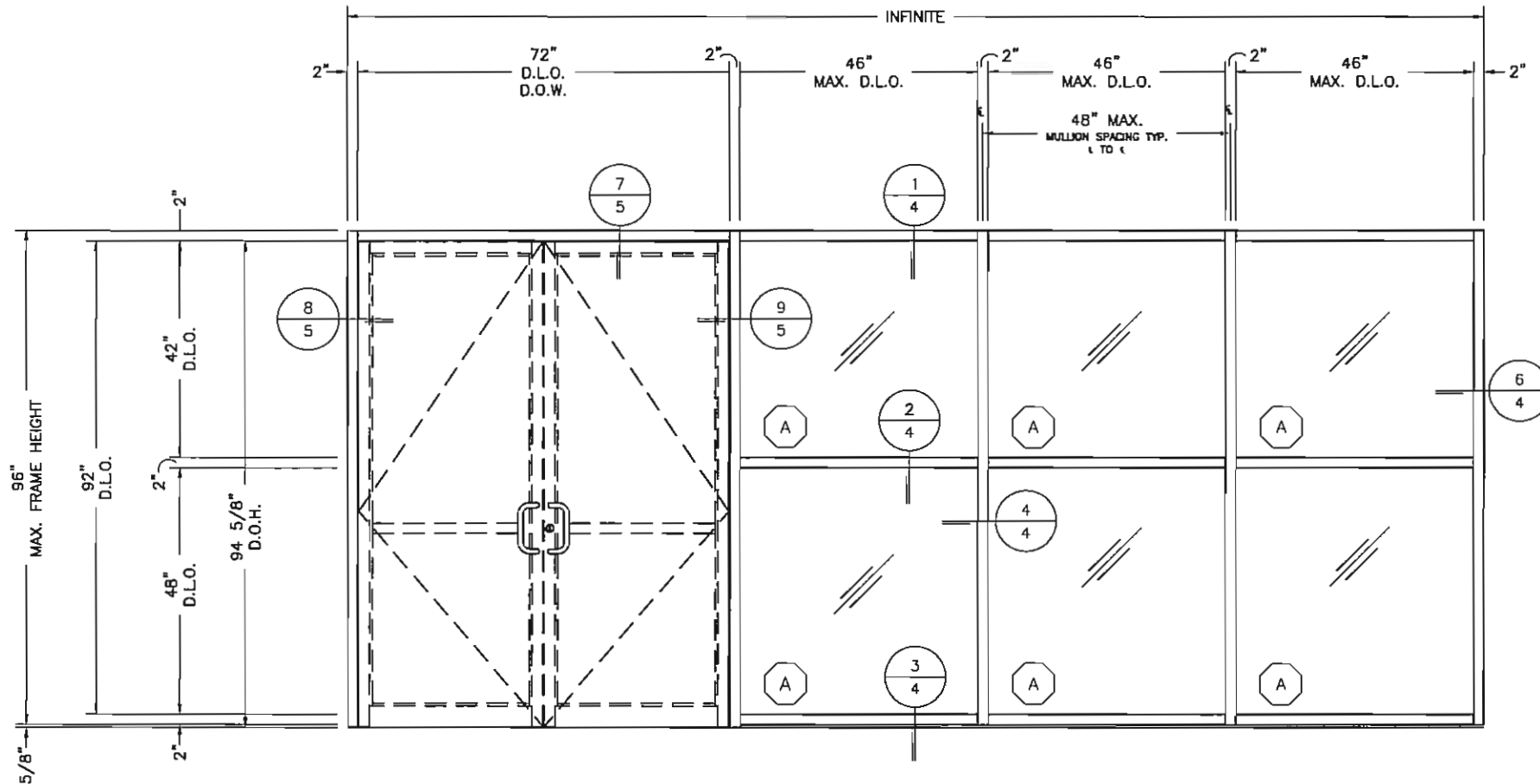
- Architectural Products

3010 RICE MINE ROAD, TUSCALOOSA, AL 35406
PHONE: 800-772-7737 FAX: 800-255-7320

**FLORIDA PRODUCT
APPROVAL DRAWINGS
FL300T FRAMING SYSTEM
INDEX TO DRAWINGS AND NOTES**



DATE 7/8/15		
DRAWN DEG	CHECKED EAB	APPROVED EAB
PROJECT NO. FLORIDA APPROVAL		
DRAWING NO. FL300T-FPA		
SHEET 1 OF 12		



**ELEVATION E-1
STANDARD ALUMINUM
MULLION**

- NOTES:
1. D.L.O. = DAYLIGHT OPENING
 2. DOORS ARE SHOWN ON SEPARATE SUBMISSION: SEE NS213, MS380 & WS500 DOOR PRODUCT APPROVAL
 3. LOWER PRESSURE OF DOOR APPROVAL PREVAIL ANCHOR TYPES AND LOCATIONS REMAIN THE SAME AS SHOWN
 4. GLASS SIZE = D.L.O. + 7/8"
 5. MAXIMUM DESIGN PRESSURE +/-35 PSF

0 1'-4" 2'-8" 5'-4"
SCALE: 3/8" = 1'-0"

GLASS SCHEDULE				
GLASS MARK SYMBOL	GLASS TYPE	MANUFACTURER	MAXIMUM DLO SIZE	MAXIMUM SQUARE FEET
A	1/4" TEMPERED OUTER SURFACE, 1/2" AIR SPACE, 1/4" TEMPERED INNER SURFACE	VARIES	46 X 92	29.4

OPTIONS AND LIMITATIONS					
DESIGN PRESSURE PSF	INTERM VERTICAL MULLION	WALL JAMB MULLION	MAX MULLION LENGTH	MAX SPAN CL TO CL	QUALIFIED GLASS TYPE
+35/-35	FL324T	FL321T	96"	48"	A
+35/-35	FL316T	FL321T	120"	48"	A

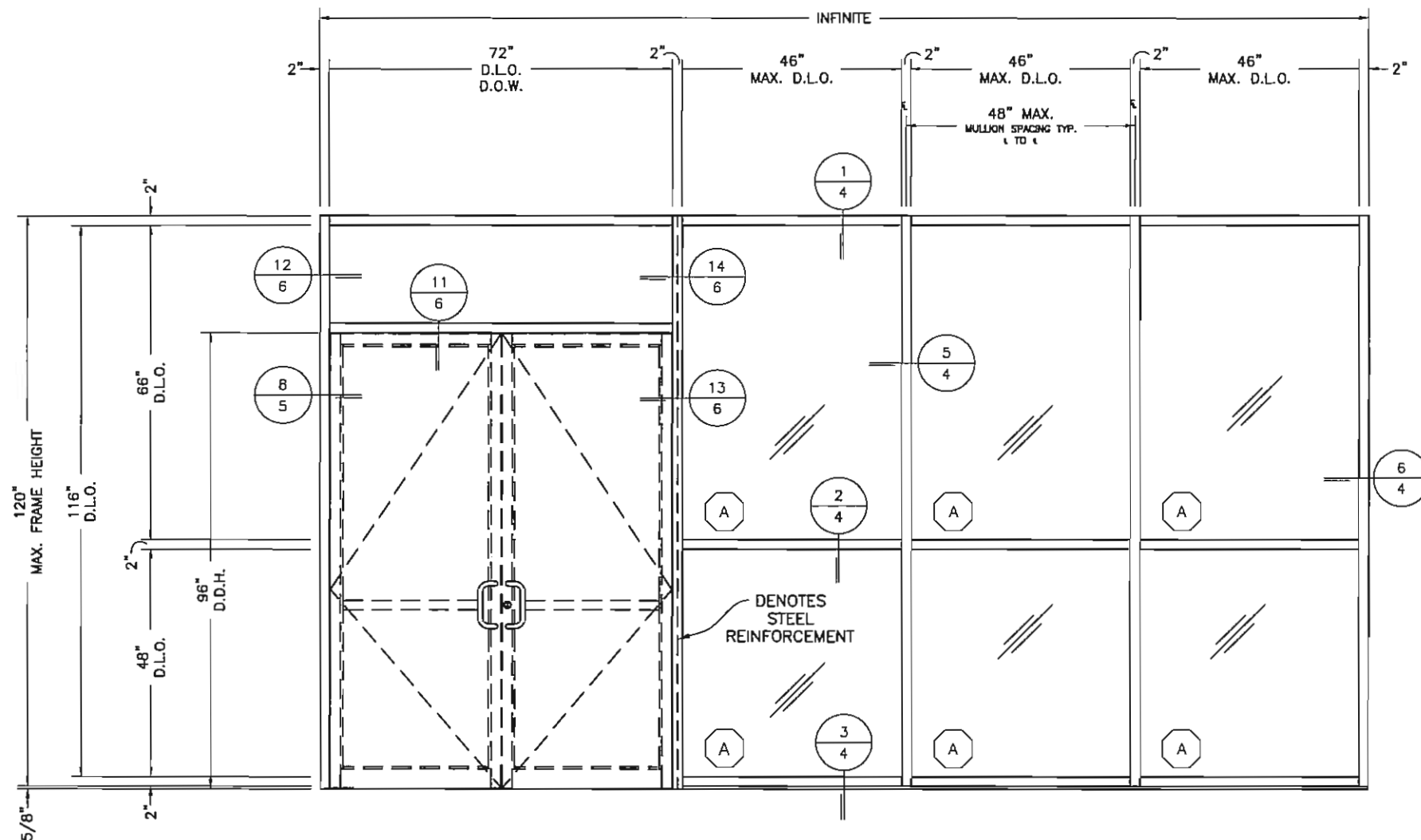
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FLORIDA PRODUCT
APPROVAL DRAWINGS
-FL300T FRAMING SYSTEM-
FRAMING ELEVATIONS

ELIZABETH A. BROADWAY
LICENSE
ELIZABETH A. BROADWAY
PROFESSIONAL ENGINEER
FLORIDA REGISTRATION NO. 38558

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PROJECT NO. FLORIDA APPROVAL
DRAWING NO. FL300T-FPA
SHEET 2 OF 12



**ELEVATION E-2
HEAVY ALUMINUM
MULLION**

NOTES:

1. D.L.O. = DAYLIGHT OPENING
2. DOORS ARE SHOWN ON SEPARATE SUBMISSION: SEE NS213, MS380 & WS500 DOOR PRODUCT APPROVAL
3. DOOR FRAME SHOWN ON SEPARATE SUBMISSION: SEE FL300 PRODUCT APPROVAL
4. GLASS SIZE = D.L.O. + 7/8"
5. MAXIMUM DESIGN PRESSURE +/-35 PSF

0 1'-4" 2'-8" 5'-4"
SCALE: 3/8" = 1'-0"

GLASS SCHEDULE				
GLASS MARK SYMBOL	GLASS TYPE	MANUFACTURER	MAXIMUM DLO SIZE	MAXIMUM SQUARE FEET
A	3/4" TEMPERED OUTER SURFACE, 1/2" AIR SPACE, 3/4" TEMPERED INNER SURFACE	VARIES	46 X 92	29.4

OPTIONS AND LIMITATIONS					
DESIGN PRESSURE PSF	INTERM VERTICAL MULLION	WALL JAMB MULLION	MAX MULLION LENGTH	MAX SPAN CL TO CL	QUALIFIED GLASS TYPE
+35/-35	FL324T	FL321T	96"	48"	A
+35/-35	FL316T	FL321T	120"	48"	A

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FLORIDA PRODUCT
APPROVAL DRAWINGS
-FL300T FRAMING SYSTEM-
FRAMING ELEVATIONS

ELIZABETH A. BROADWAY
PROFESSIONAL ENGINEER
FLORIDA REGISTRATION NO. 38558
7/8/15

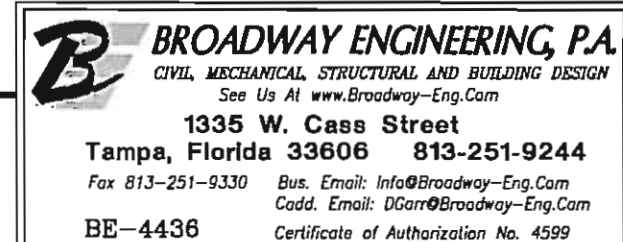
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DRAWING NO. FL300T-FPA
SHEET 3 OF 12



**FLORIDA PRODUCT
APPROVAL DRAWINGS
FL300T FRAMING SYSTEM-
FRAMING DETAILS**

DATE			7/8/15		
DRAWN DEG		CHECKED EAB		APPROVED EAB	
PROJECT NO. FLORIDA APPROVAL					
DRAWING NO. FL300T-FPA					
SHEET 4 OF 12					



DATE		7/8/15	
DRAWN	CHECKED	APPROVED	
DEG	EAB	EAB	
PROJECT NO.			
FLORIDA APPROVAL			
DRAWING NO.			
FL300T-FPA			
SHEET		5 OF 12	

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FLORIDA PRODUCT
APPROVAL DRAWINGS
-FL300T FRAMING SYSTEM-
GLASS SCHEDULE

DATE 7/8/15		
DRAWN DEG	CHECKED EAB	APPROVED EAB
PROJECT NO. FLORIDA APPROVAL		
DRAWING NO. FL300T-FPA		
SHEET 6 OF 12		

BILL OF MATERIALS

ITEM NO.	P/N	DESCRIPTION	DIMENSIONS	MATERIAL	MANUFACTURER	NOTES
1	NG1	GLAZING GASKET	.197 SPACE	EPDM	VARIES	USED ON EXT. AND INT., MEETS ASTM C864
2	SB3	SETTING BLOCK	1.50 X 4.00 X .625	EPDM	VARIES	
3	WD300-1	WATER DIVERTER	1.358 X 1.344 X 0.050	6063-T6 ALUMINUM	CORAL	LOCATE ONE AT EACH END OF INTERM. HORIZ.
4	795	JOINT/PERIMETER SEALANT	VARIABLE SPACE	SILICONE	TREMCO	
5	CS101-1	SETTING CHAIR	.853 X 1.544 X .062	6063-T6 ALUMINUM	CORAL	FABRICATED LENGTH = 4.625"
6	ED319-1	END DAM	.75 X 2.188 X .062	6063-T6 ALUMINUM	CORAL	
7	FL334T	STANDARD VERTICAL MULLION/JAMB	2.00 X 4.5 X .070	6063-T6 ALUMINUM	CORAL	
8	FL309	DOOR JAMB	2.00 X 4.5 X .080	6063-T6 ALUMINUM	CORAL	
9	FL316T	HEAVY VERTICAL MULLION	2.00 X 4.5 X .190	6063-T6 ALUMINUM	CORAL	
10	FL326T	HORIZONTAL MULLION	2 X 4.460 X .070	6063-T6 ALUMINUM	CORAL	
11	FL303	GLASS STOP	1.207 X 1.543 X .050	6063-T6 ALUMINUM	CORAL	
12	FL321T	HEAD/WALL JAMB	2.00 X 4.5 X .070	6063-T6 ALUMINUM	CORAL	
13	FL322T	SILL	2.00 X 4.460 X .070	6063-T6 ALUMINUM	CORAL	
14	FL325T	OPEN BACK POCKET FILLER	.852 X 3.75 X .062	6063-T6 ALUMINUM	CORAL	
15	FL339T	SUBSILL FLASHING	2.125 X 4.714 X .078	6063-T6 ALUMINUM	CORAL	
16	FL307	DOOR HEADER/TRANSOM BAR	2.00 X 4.500 X .085	6063-T6 ALUMINUM	CORAL	DOOR JAMB AT WALL
17	DS200	DOOR STOP	.500 X 1.019 X .050	6063-T6 ALUMINUM	CORAL	
18	DP200-1	PANIC STOP	1.323 X .402 X .188	6063-T6 ALUMINUM	CORAL	FABRICATED LENGTH = 2.00"
19	NOT USED					
20	AS31	FASTENER	#6 X 3/8" X PPH	STEEL	VARIES	
21	AS23	FASTENER	1/4-20 X 1 1/2" FHP X 82"	STEEL	VARIES	ATTACH 12" O.C.
22	AS16	FASTENER	#4 X 1" HHSTS	STEEL	VARIES	TYPICAL SPLINE SCREW
23	CS23	POCKET FILLER	1.00 X .480 X .050	6063-T6 ALUMINUM	CORAL	
24	CS111	TRANSOM GLASS STOP	.772 X .750 X .050	6063-T6 ALUMINUM	CORAL	
25	CS110	TRANSOM SASH	1.710 X 1.88 X .062	6063-T6 ALUMINUM	CORAL	
26	AS21	FASTENER	#6 X 3/8" X PPH	STEEL		ATTACH AT 12" O.C., ATTACH FL322T SILL TO FL339T SUBSILL
27	SB19T	SETTING BLOCK - INTERIOR GLAZED	1 X 4 X .431	EPDM	VARIES	
28	NG5	DOOR STOP WEATHERING	.125 SPACE	EPDM	VARIES	
29	TH4	THRESHOLD	.50 X 4.00 X .125	6063-T6 ALUMINUM	CORAL	
30	AS5	FASTENER	#10 X 1/2" PFH	STEEL	VARIES	
31	SR102	STEEL REINFORCEMENT	4.187 X 0.75 X 0.125	A36 STEEL	VARIES	
32						
33						

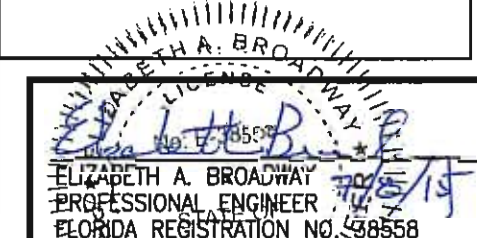
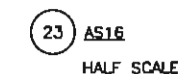
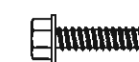
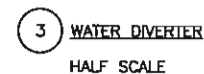
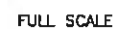
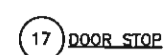
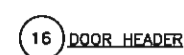
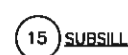
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FLORIDA PRODUCT
APPROVAL DRAWINGS
-FL300T FRAMING SYSTEM-
BILL OF MATERIALS

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LICENSE
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DRAWING NO. FL300T-FPA
SHEET 7 OF 12



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PROJECT NO.	
FLORIDA APPROVAL	

DRAWING NO.
EL 200T FBA

FL3001-FPA

SHEET 8 OF 12

FLORIDA PRODUCT
APPROVAL DRAWING
-FL300T FRAMING SYSTEM

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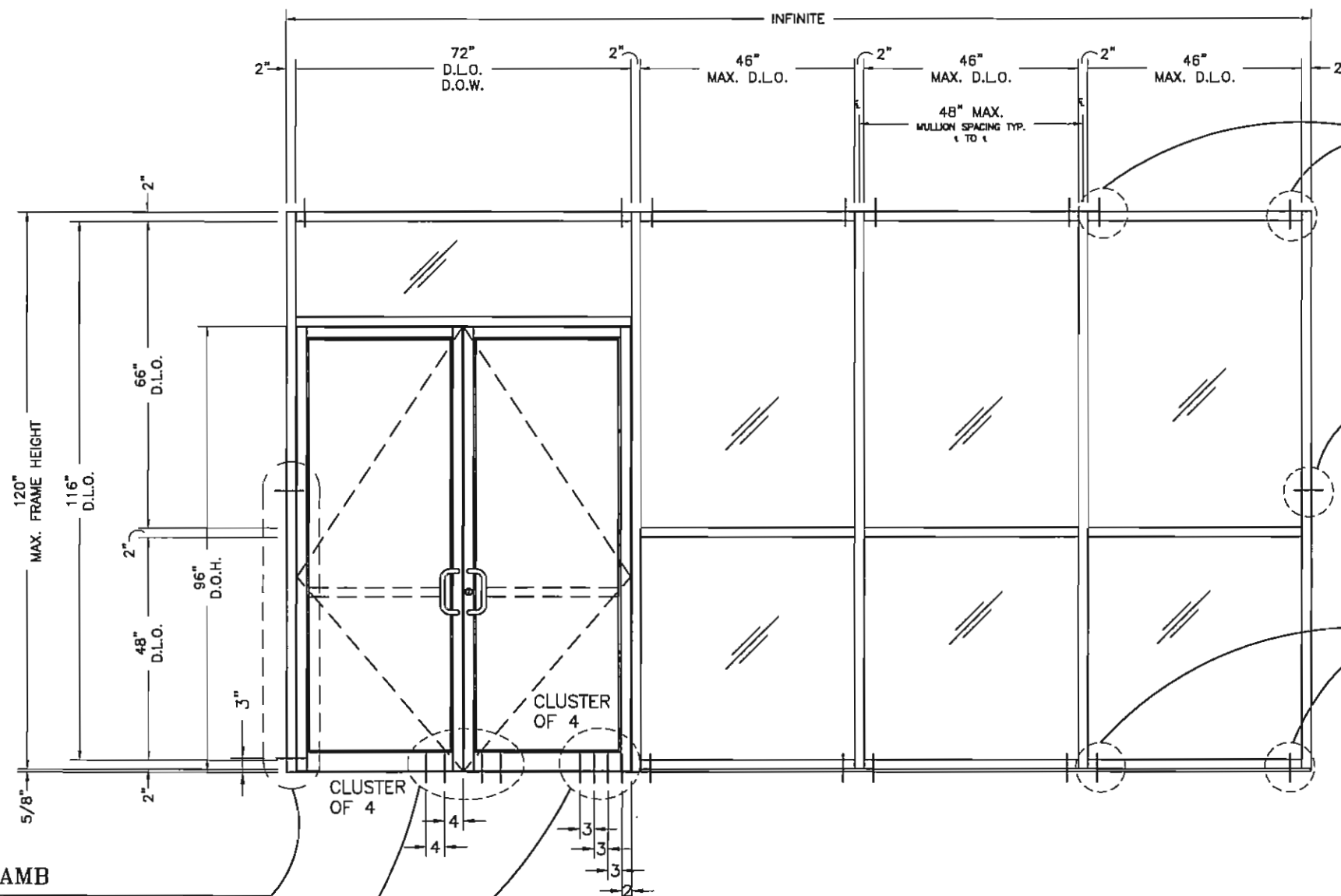
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DATE

1	2
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- PERIMETER FASTENERS:
- TYPICAL INSTALLATION INTO SUBSTRATES
 - 2500 PSI CONCRETE
 - STEEL, 18 GA. MIN.
 - HOT ROLLED STEEL, 1/8" MIN. THICKNESS
 - SO. PINE, GRADE NO. 2 OR BETTER
 - FIRST ANCHOR IS 2" FROM EDGE OF VERTICAL. EACH ADDITIONAL FASTENER IS AT REQUIRED MIN. SPACING.

HEAD

3/8"-16 X 2 3/4" HH BOLT
WITH WASHER AND NUT @ STEEL

WALL JAMB

LOCATE @ MIDPOINT:
3/8"-16 X 2 3/4" HH BOLT
WITH WASHER AND NUT @
STEEL. 1 1/2" MIN. SPACING

SUBSILL

3/8"-16 X 2 3/4" HH BOLT
WITH WASHER AND NUT @ STEEL

SEE SHEET 9 OF 12 FOR
CONCRETE ATTACHMENT

SILL ATTACHMENT TO SUBSILL
AS21 #6 X 3/8", 2" FROM VERTICAL
OR JAMB AND 12" O.C. ALL LOCATIONS

WALL JAMB

3/8"-16 X 2 3/4" HH BOLT
WITH WASHER AND NUT @ STEEL

THRESHOLD

(4) EA. 1/4"-14 X 1-1/2"
TEK 3 FHP SCREW.
LOCATIONS AS SHOWN

STEEL SUBSTRATE ANCHOR LOCATIONS

0 1'-4" 2'-8" 5'-4"
SCALE: 3/8" = 1'-0"



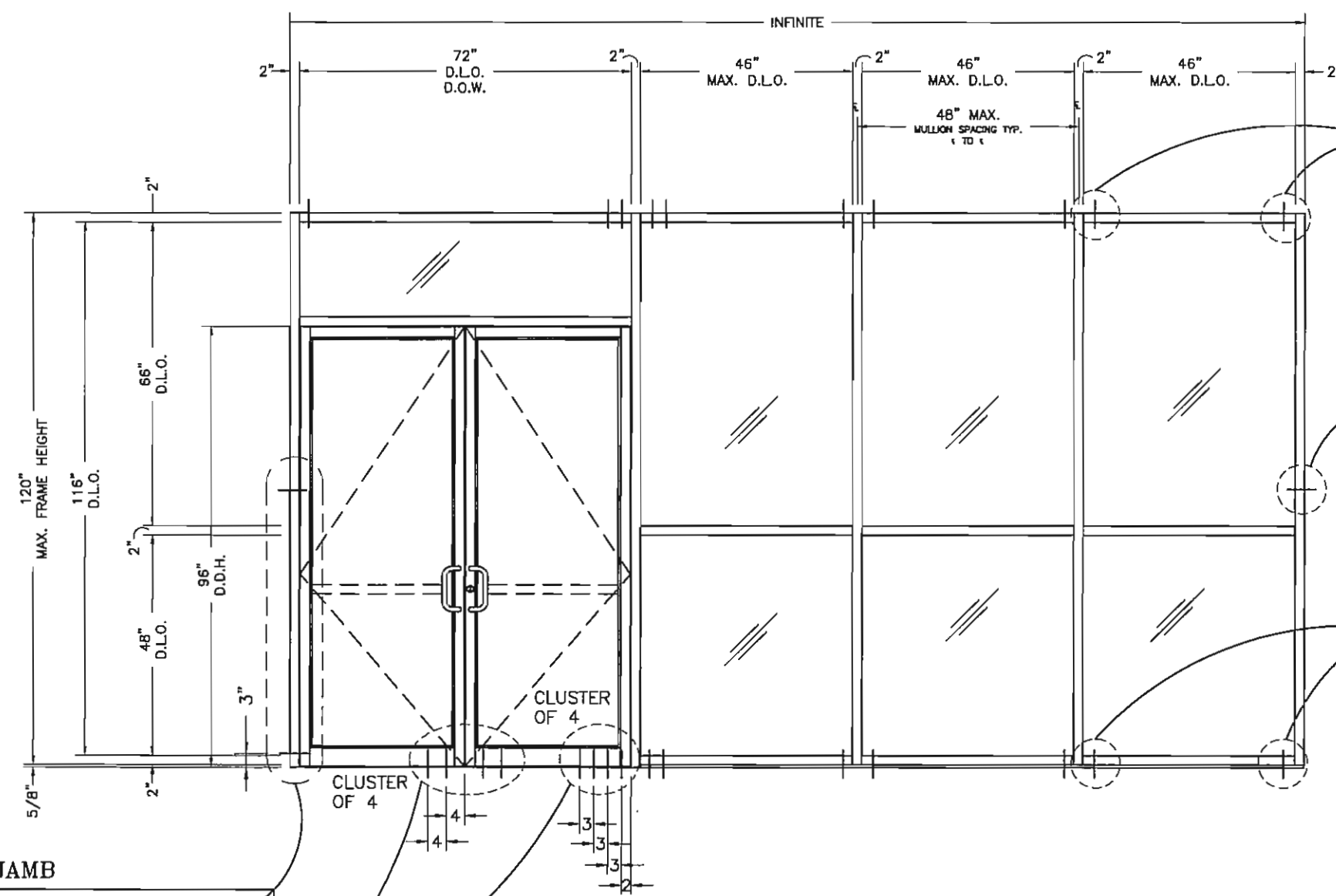
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DRAWING NO.					
FL300T-FPA					
SHEET					
10 OF 12					

FLORIDA PRODUCT
APPROVAL DRAWINGS
-FL300T FRAMING SYSTEM-
FRAMING ELEVATIONS

Coral
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REV	BY	DATE	DESCRIPTION



- PERIMETER FASTENERS:
1. TYPICAL INSTALLATION INTO SUBSTRATES
 - A. 2500 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.

HEAD

1/4"-14 X 1 1/2" TEK 3 SCREW
@ STEEL

WALL JAMB

LOCATE (1) @ MIDPOINT:
1/4" X 1 1/2" TEK SCREW
TYP. @ STEEL. 1 1/2" MIN
SPACING

SUBSILL

1/4"-14 X 1 1/2" TEK 3 SCREW
@ STEEL

SEE SHEET 9 OF 12 FOR
CONCRETE ATTACHMENT

SILL ATTACHMENT TO SUBSILL
AS21 #6 X 3/8", 2" FROM VERTICAL
OR JAMB AND 12" O.C. ALL LOCATIONS

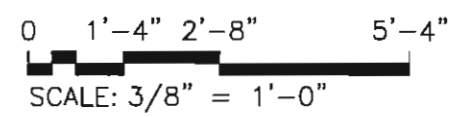
WALL JAMB

1/4"-14 X 1 1/2" TEK 3 SCREW
@ STEEL

THRESHOLD

(4) EA. 1/4"-14 X 1-1/2"
TEK 3 FHP SCREW.
LOCATIONS AS SHOWN

STEEL STUD SUBSTRATE ANCHOR LOCATIONS



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FLORIDA PRODUCT APPROVAL DRAWINGS - FL300T FRAMING SYSTEM - FRAMING ELEVATIONS	7/8/15		
Coral Architectural Products 3010 RICE MINE ROAD, TUSCALOOSA, AL 35406 PHONE: 800-772-7737 FAX: 800-255-7320			
DATE 7/8/15 DRAWN DE6 CHECKED EAB APPROVED EAB PROJECT NO. FLORIDA APPROVAL DRAWING NO. FL300T-FPA SHEET 11 OF 12			

