

FLORIDA PRODUCT APPROVAL DRAWINGS FOR FL550 AT MAXIMUM 12' FRAME HEIGHT FOR HIGH VELOCITY HURRICANE ZONES

INDEX TO DRAWINGS AND NOTES	
1	INDEX TO DRAWING AND NOTES
2	FRAMING ELEVATIONS
3	GLASS SCHEDULE
4	STANDARD FRAMING
5	STANDARD FRAMING
6	STANDARD FRAMING
7	STANDARD FRAMING
8	STANDARD FRAMING
9	STANDARD FRAMING
10	STANDARD FRAMING
11	BILL OF MATERIALS
12	DIE DRAWINGS
13	DIE DRAWINGS
14	SUBSILL ANCHORING
15	WOOD 3" FASTENER LOCATIONS
16	CONCRETE FASTENER LOCATIONS
17	LIGHT STEEL FASTENER LOCATIONS
18	STEEL FASTENER LOCATIONS

GENERAL NOTES:

TEST STANDARDS
AIR - ASTM E283
WATER - ASTM E331
STATIC - ASTM E330
ASTM E547
ASTM F588
AAMA 501-15
TAS 201
TAS 202
TAS 203

DESIGN PRESSURE
WATER INFILTRATION = 15 PSF
AIR INFILTRATION = 6.24 PSF
MAXIMUM PSF = +/- 55

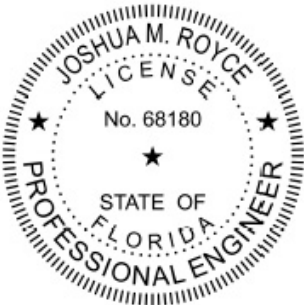
ALL ALUMINUM EXTRUSIONS SHALL BE MADE FROM 6063-T6 ALLOY AND TEMPER.

THIS PRODUCT HAS BEEN DESIGNED, TESTED, AND ENGINEERED TO COMPLY WITH CURRENT FLORIDA BUILDING CODE.

MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME IN CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF CURRENT FLORIDA BUILDING CODE.

ABBREVIATIONS:

D.L.O. = DAY LIGHT OPENING
D.O.H. = DOOR OPENING HEIGHT
D.O.W. = DOOR OPENING WIDTH



Secure Electronic Seal
For Electronic Submissions

Josh Royce
Digitally Signed by: Josh Royce
2020.10.26 17:24:35 -05'00'

REV

BY

DATE

DESCRIPTION

Coral

Architectural Products

3010 RICE WINE ROAD, TUSCALOOSA, AL 35406

PHONE: 800-772-7737 FAX: 800-443-6261

FLORIDA PRODUCT APPROVAL
DRAWINGS FOR FL550 AT
MAXIMUM 12' FRAME HEIGHT

INDEX TO DRAWINGS AND NOTES

PROJECT NO.
FL550

DRAWN
MRG

DATE
10/12/20

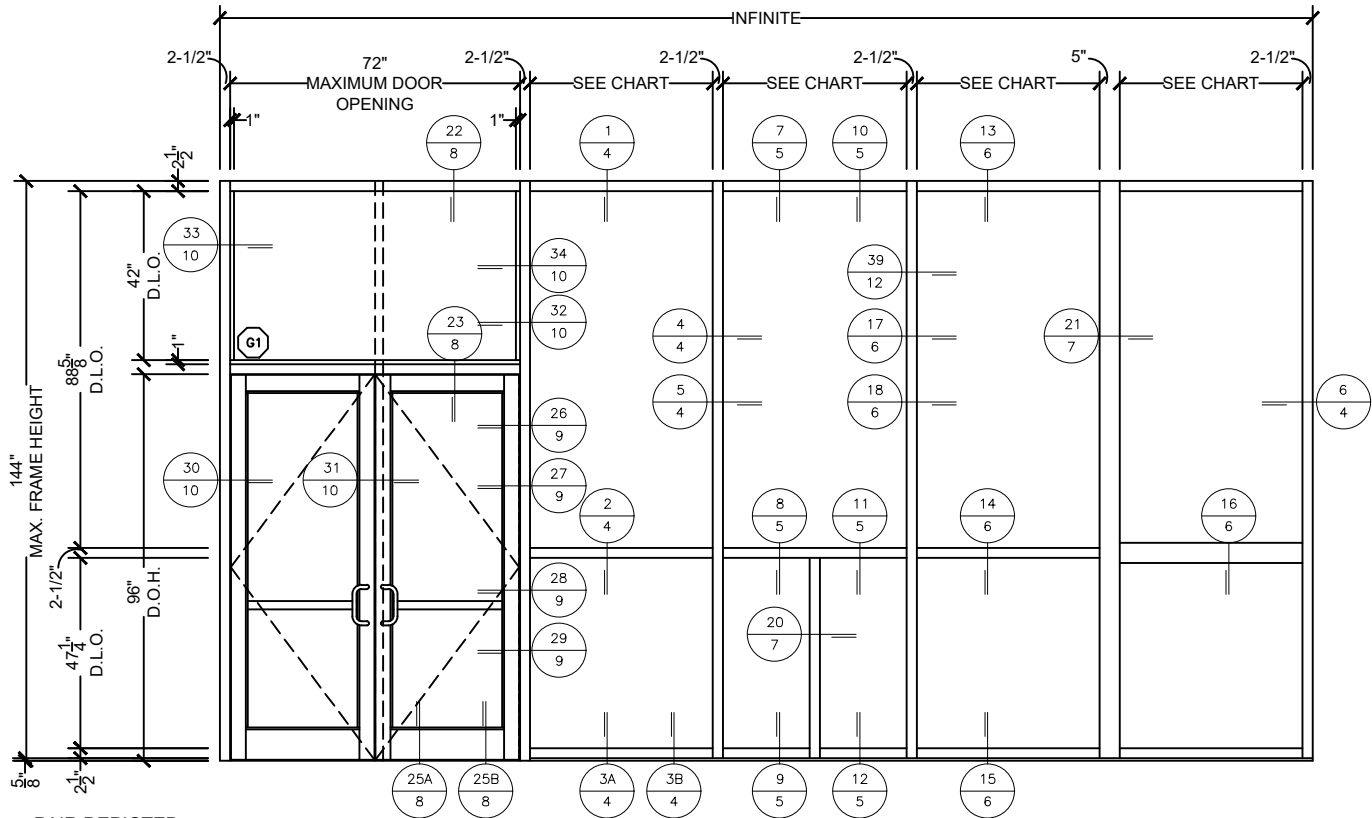
CHECKED
WS

APPROVED
###

SHEET
1 OF 18

NOTES:

1. SEE SHEETS 15, 16, 17, AND 18 FOR PERIMETER FASTENER SCHEDULE AND LOCATIONS FOR ELEVATIONS WITH DOORS.
2. D.L.O. = DAYLIGHT OPENING; D.O. = DOOR OPENING
3. DOORS ARE SHOWN ON SEPARATE SUBMISSION: SEE NS281, MS381 & WS581 DOOR PRODUCT APPROVALS. PREVAILING PRESSURE OF DOOR WILL PREVAIL WHEN USED IN THIS SYSTEM.



PAIR DEPICTED
SINGLE DOORS QUALIFY AS SAME

DOOR JAMB CHARTS

MAXIMUM	MAXIMUM	MAXIMUM		
PSF	WIDTH	HEIGHT	PART	DETAIL
0-55	72"	96"	FL504/FL555	26 ON 9
0-55	72"	108"	FL516/FL555	29 ON 9
0-55	72"	120"	FL504/FL555/FL537	28 ON 9
0-55	72"	144"	FL504/FL555/SR504	27 ON 9

VERTICAL MULLION AND CORNER CHARTS

MAXIMUM	MAXIMUM	MAXIMUM		
PSF	WIDTH	HEIGHT	PART	DETAIL
0-55	60"	72"	FL554/555	4 ON 4
			FL581/FL582	21 ON 7
			FL581/FL583	19 ON 7
0-55	60"	96"	FL554/555	4 ON 4
			FL581/FL582	21 ON 7
			FL581/FL583	19 ON 7
0-55	48"	108"	FL554/FL555	4 ON 4
			FL581/FL582	21 ON 7
			FL581/FL583	19 ON 7
0-55	60"	108"	FL566/FL555	5 ON 4
			FL581/FL582	21 ON 7
			FL581/FL583	19 ON 7
0-55	48"	120"	FL554/FL555/FL537	18 ON 6
			FL581/FL582	21 ON 7
			FL581/FL583	19 ON 7
0-55	60"	120"	FL554/FL555/FL537	18 ON 6
			FL581/FL582	21 ON 7
			FL581/FL583	19 ON 7
0-55	48"	144"	FL566/FL555/FL537	17 ON 6
			FL581/FL582/FL537	21B ON 7
			FL581/FL583/SR502	19B ON 7
0-55	60"	144"	FL554/FL555/SR504	18B ON 6

NOTE: PRESSURES' (PSF) WIDTHS OR HEIGHTS BEYOND THE MAXIMUM SHOWN IN THE CHARTS ABOVE WILL REQUIRE SHOP DRAWINGS TO BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA

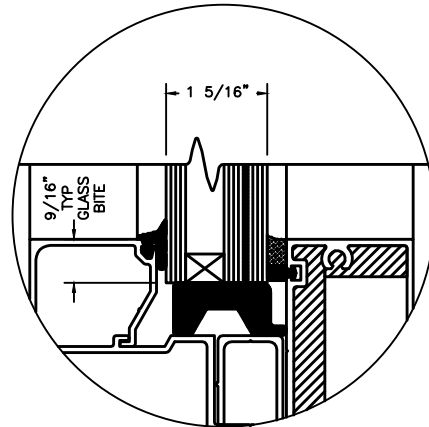


FLORIDA PRODUCT APPROVAL
DRAWINGS FOR FL550 AT
MAXIMUM 12' FRAME HEIGHT

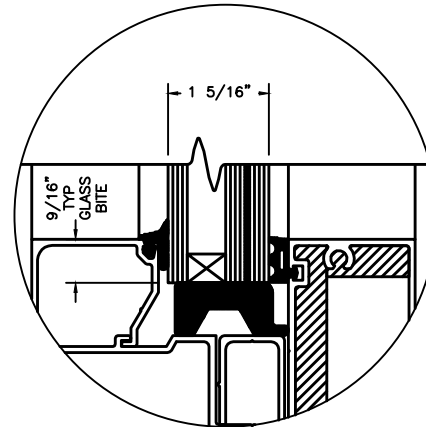
FRAMING ELEVATIONS

PROJECT NO. FL550	
DRAWN MRG	DATE 10/12/20
CHECKED WS	APPROVED ###
SHEET	

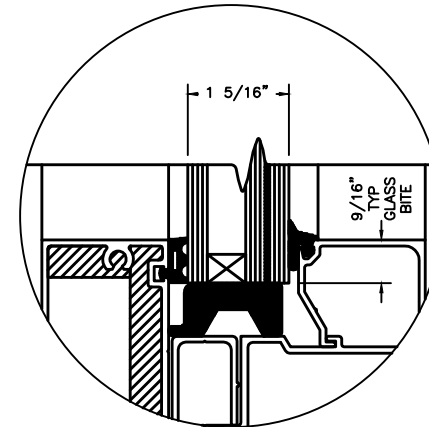
TYPICAL GLAZING DETAILS



OUTSIDE (WET) GLAZE



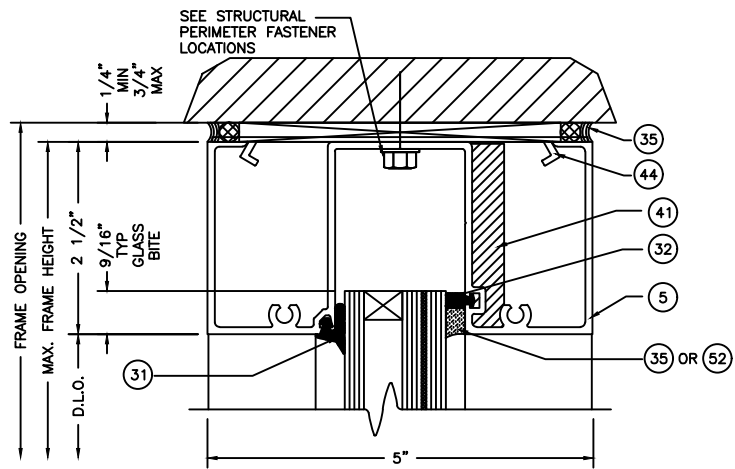
OUTSIDE (DRY) GLAZE



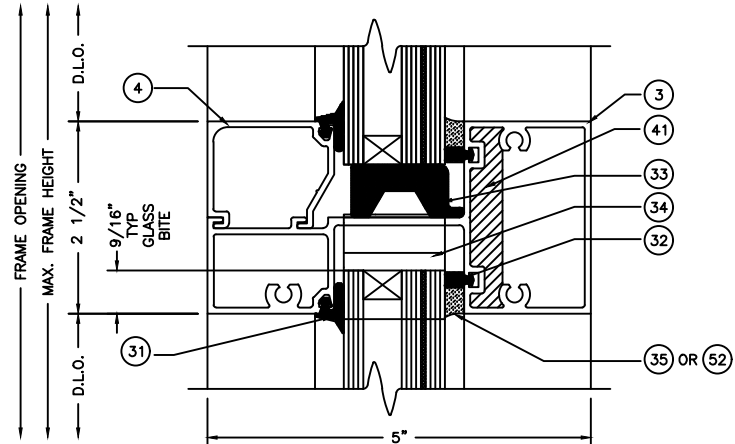
INSIDE (DRY) GLAZE

LARGE MISSILE IMPACT APPROVED LAMINATES							
GLASS MARK	MAXIMUM WIND LOAD	WET/DRY GLAZING	MANUFACTURER	LAMINATE	LAMINATE THICKNESS	GLASS CONFIGURATION	MAXIMUM SQUARE FOOTAGE
	+/-55	DRY	KURARAY (FORMERLY DUPONT)	SENTRYGLAS® (FORMALLY SENTRYGLAS® PLUS)	0.090	1/4(T/HS) - 0.090 SENTRYGLAS - 1/4(T/HS)	38.33
	+/-55	WET	EASTMAN (SOLUTIA)	SAFLEX® PVB	0.090	1/4(T/HS) - 0.090 PVB - 1/4(T/HS)	
			KURARAY (FORMERLY DUPONT)	TROSIFOL® PVB (FORMALLY BUTACITE PVB)			
	+/-55		EASTMAN	VS02 (VANCEVA STORM)	0.075	1/4(T/HS) - 0.075 VS02 - 1/4(T/HS)	
	+/-55		KURARAY (FORMERLY DUPONT)	SENTRYGLAS® (FORMALLY SENTRYGLAS® PLUS)	0.090	1/4(T/HS) - 0.090 SENTRYGLAS - 1/4(T/HS)	
SMALL MISSILE CAN ONLY BE INSTALLED ABOVE 60'							
SMALL MISSILE IMPACT APPROVED LAMINATES							
	+/-55	DRY	KURARAY (FORMERLY DUPONT)	SENTRYGLAS® (FORMALLY SENTRYGLAS® PLUS)	0.035	1/4(T/HS) - 0.035 SENTRYGLAS - 1/4(T/HS)	38.33

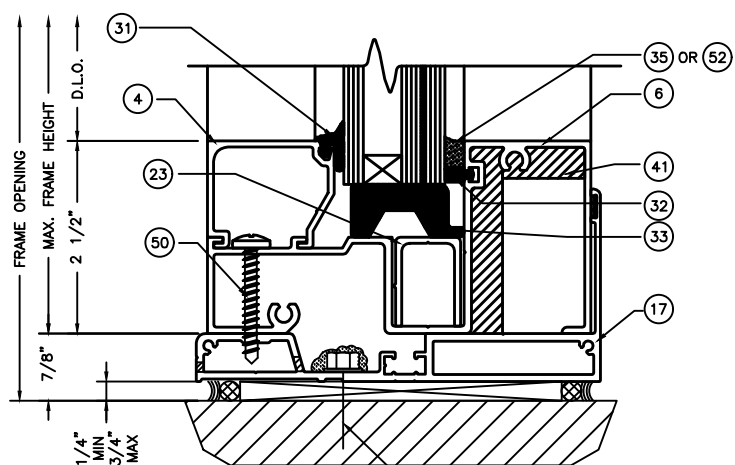
FLORIDA PRODUCT APPROVAL DRAWINGS FOR FL550 AT MAXIMUM 12' FRAME HEIGHT GLASS SCHEDULE									
PROJECT NO. FL550									
DRAWN <i>MRG</i>			DATE 10/12/20						
CHECKED <i>WS</i>			APPROVED ###						
SHEET									
3 OF 18									



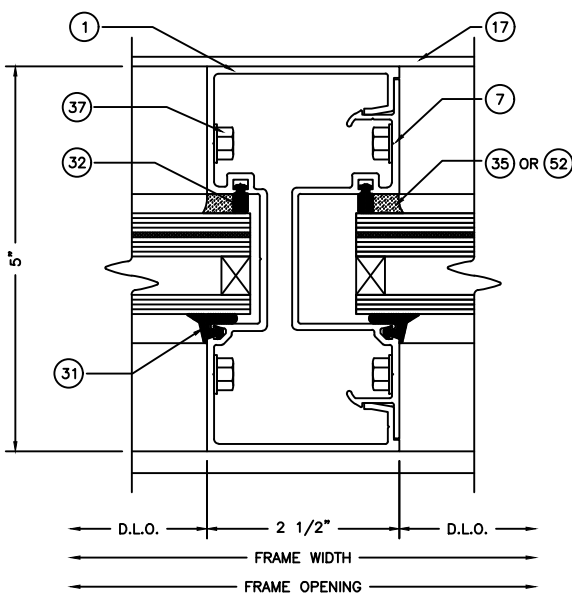
1
4 HEAD



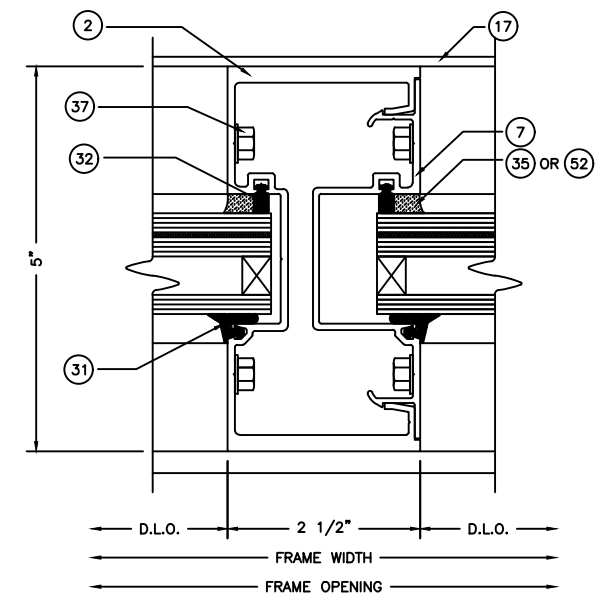
2
4 HORIZONTAL



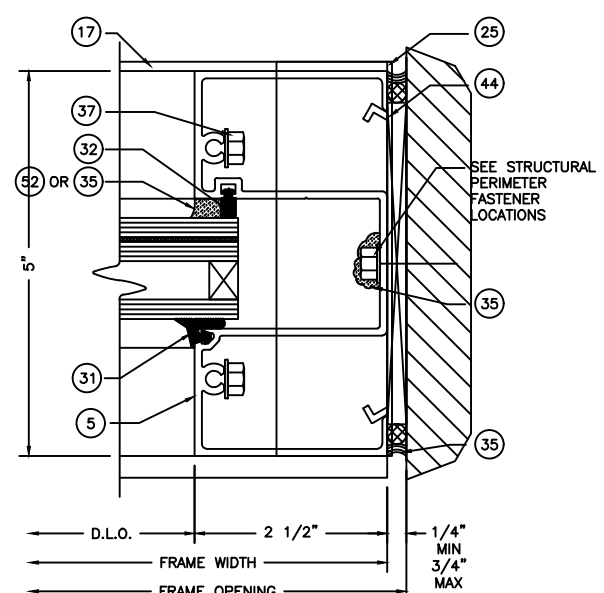
3A
4 SILL



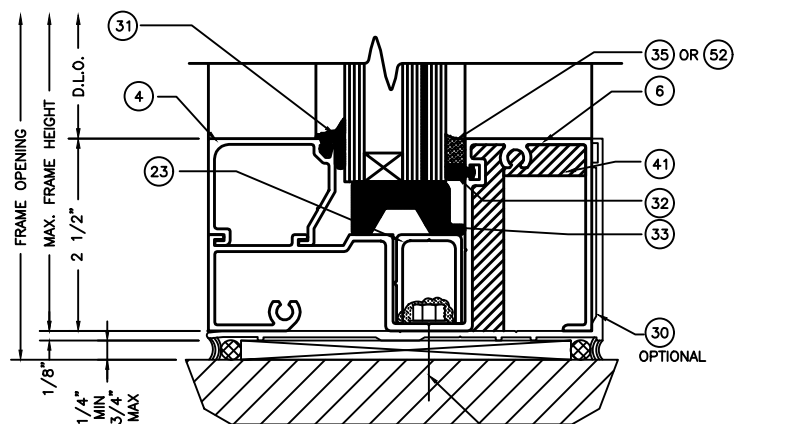
4
4 VERTICAL



5
4 HEAVY WALL VERTICAL

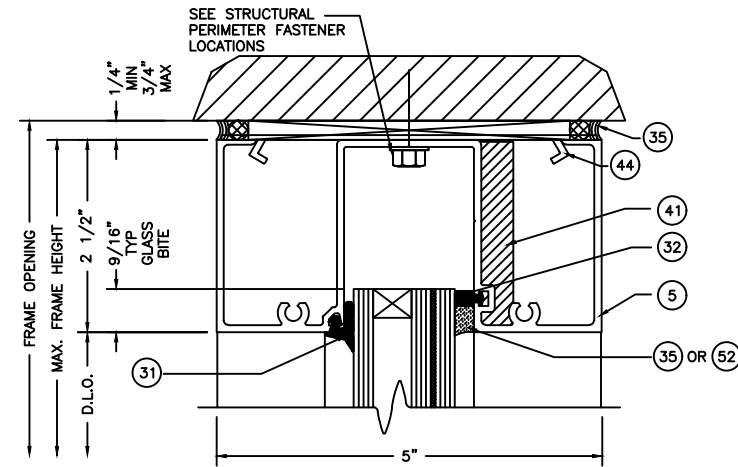


6
4 JAMB

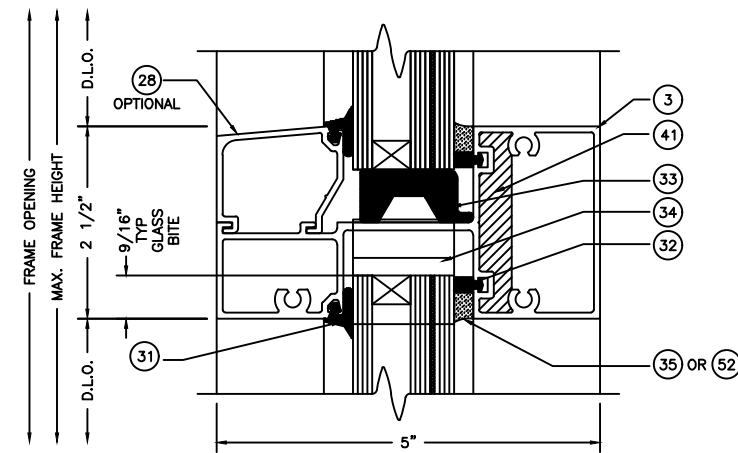


3B
4 SILL

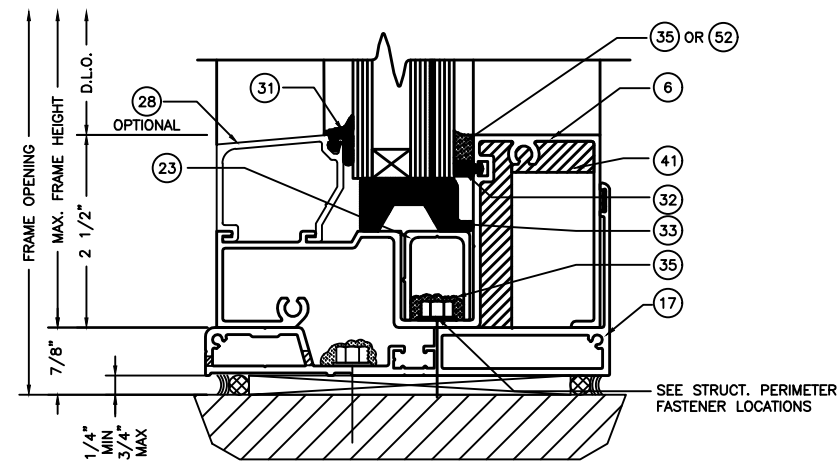
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CHECKED WS		APPROVED ###		SHEET	
FLORIDA PRODUCT APPROVAL DRAWINGS FOR FL550 AT MAXIMUM 12' FRAME HEIGHT					
STANDARD FRAMING					
Coral Architectural Products 3010 RICE WINE ROAD, TUSCALOOSA, AL 35406 PHONE: 800-772-7737 FAX: 800-443-6261					



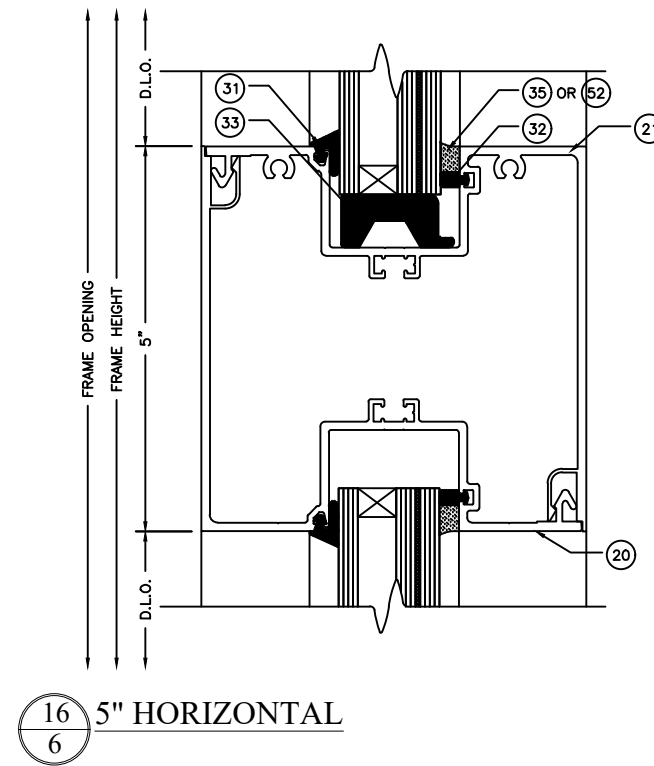
13 HEAD
6



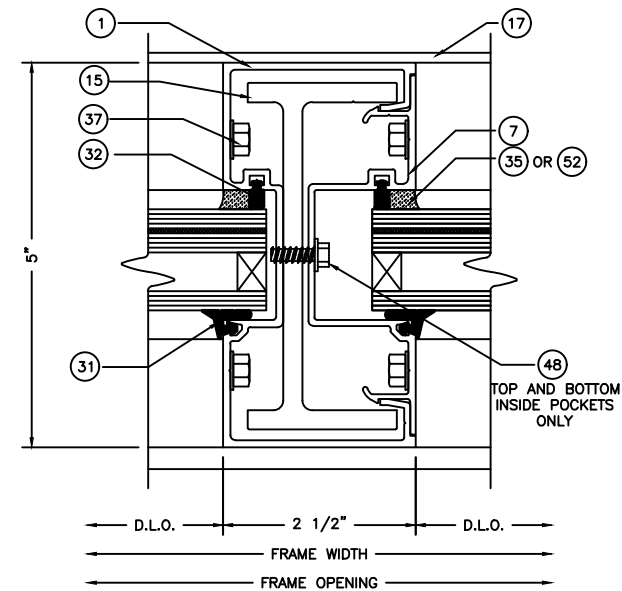
14 HORIZONTAL
6



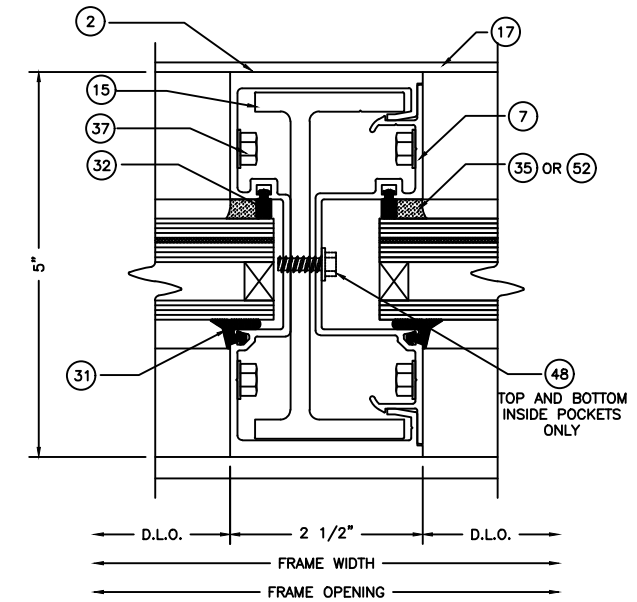
15 SILL
6



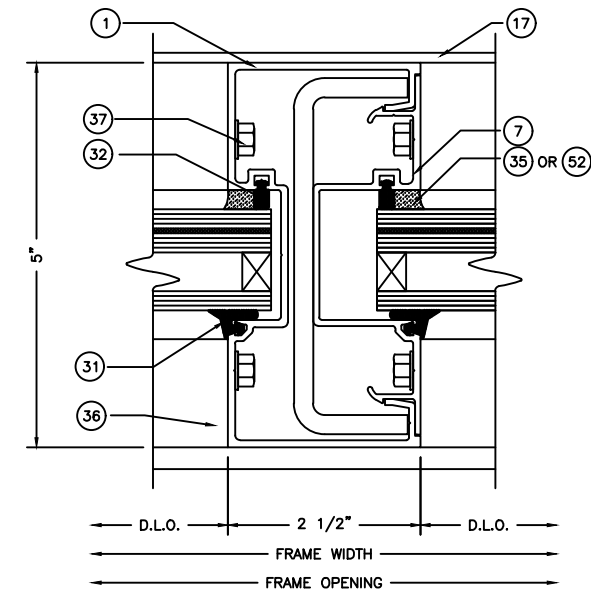
16 5" HORIZONTAL
6



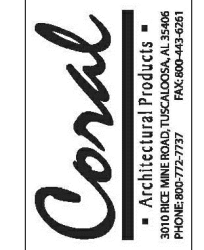
18 VERTICAL WITH ALUMINUM
6 REINFORCEMENT



17 HEAVY WALL VERTICAL
6



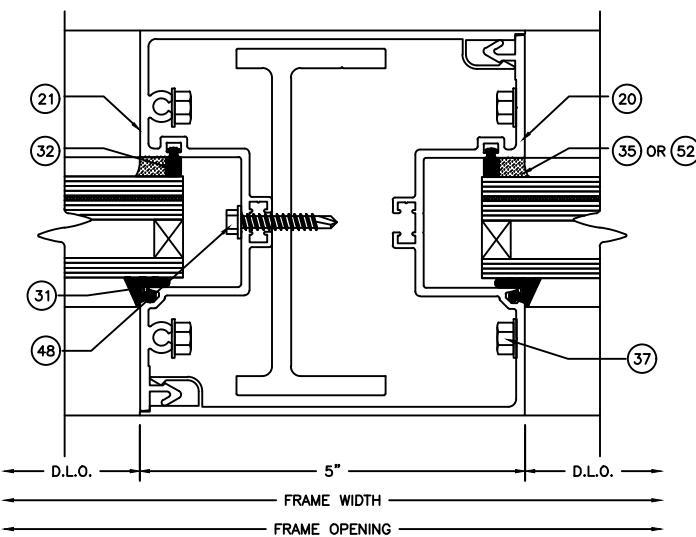
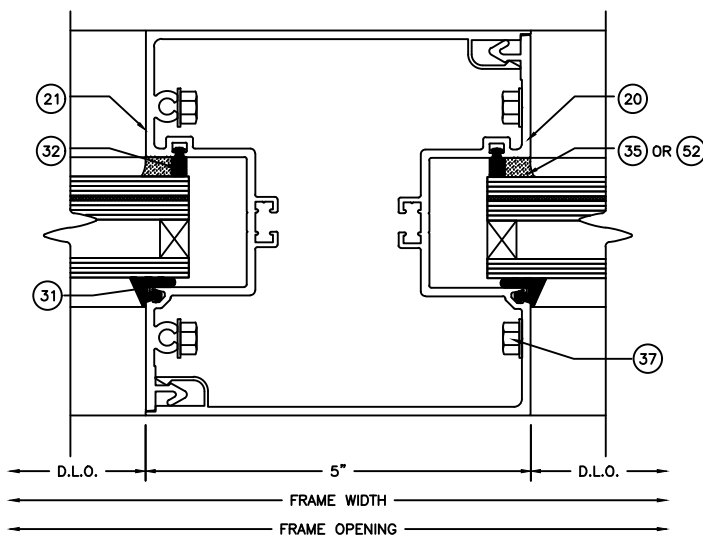
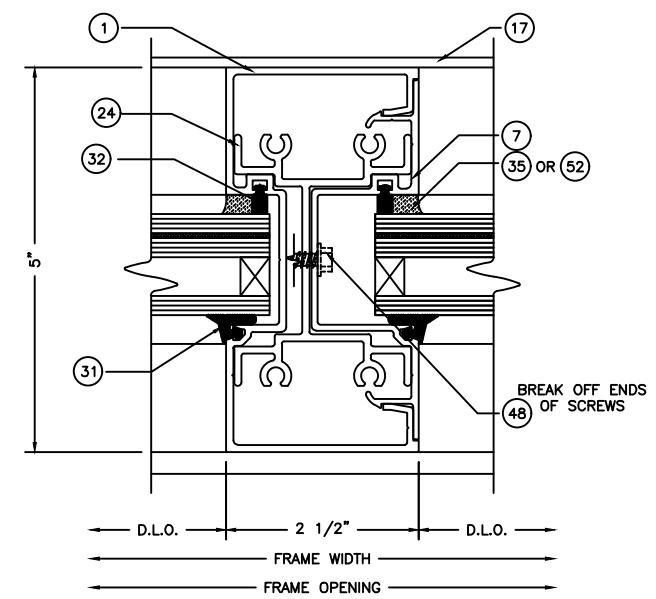
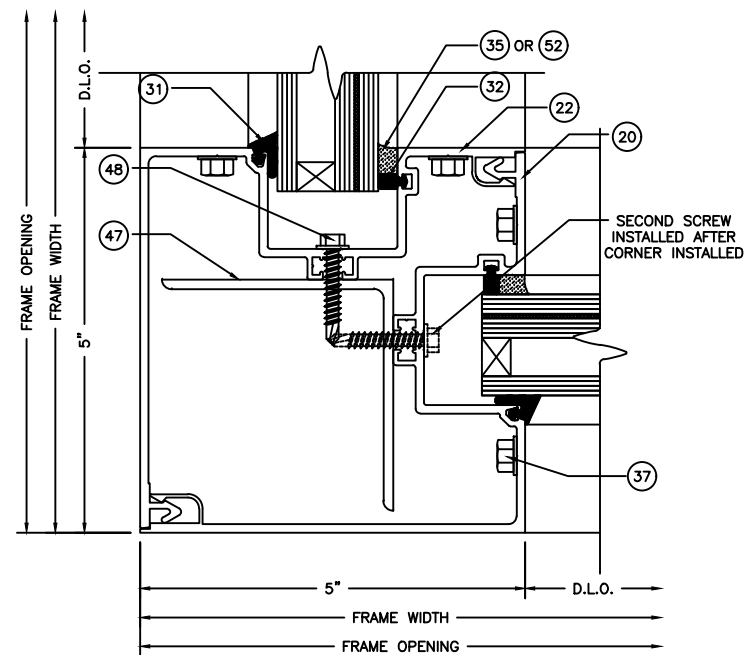
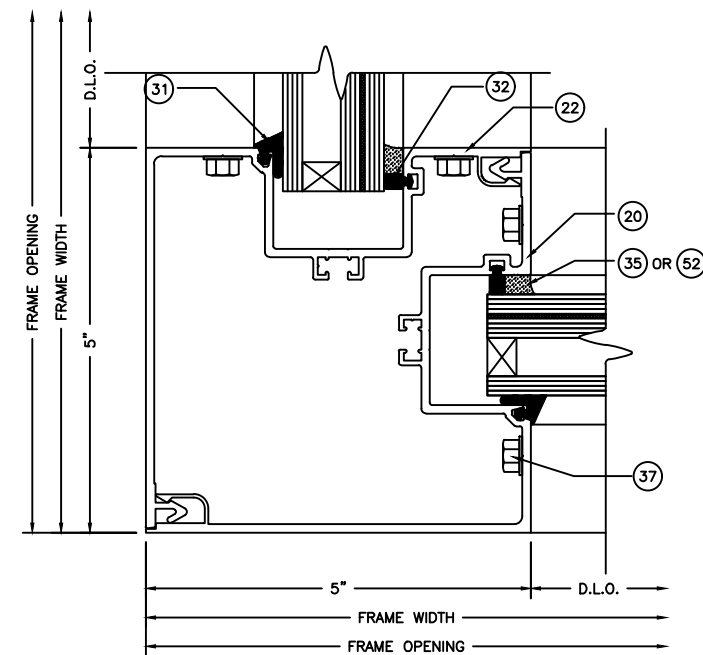
18B VERTICAL WITH STEEL
6



FLORIDA PRODUCT APPROVAL
DRAWINGS FOR FL550 AT
MAXIMUM 12' FRAME HEIGHT

STANDARD FRAMING

PROJECT NO. FL550	DATE 10/12/20
DRAWN MRG	CHECKED W/S
APPROVED ###	SHEET



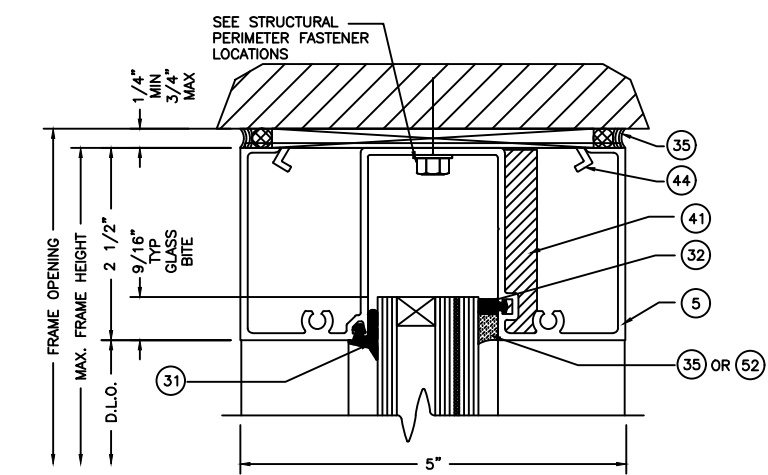
Coral

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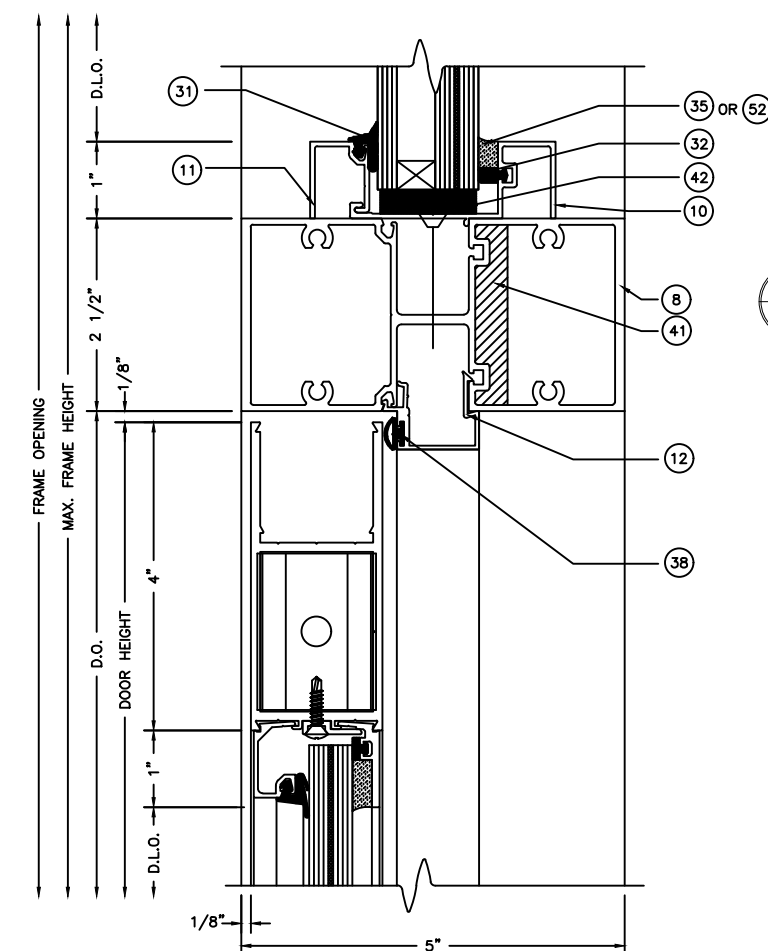
FLORIDA PRODUCT APPROVAL
DRAWINGS FOR FL550 AT
MAXIMUM 12' FRAME HEIGHT

STANDARD FRAMING

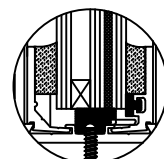
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DRAWN <i>MRG</i>	DATE 10/12/20
CHECKED <i>WS</i>	APPROVED <i>###</i>
SHEET	



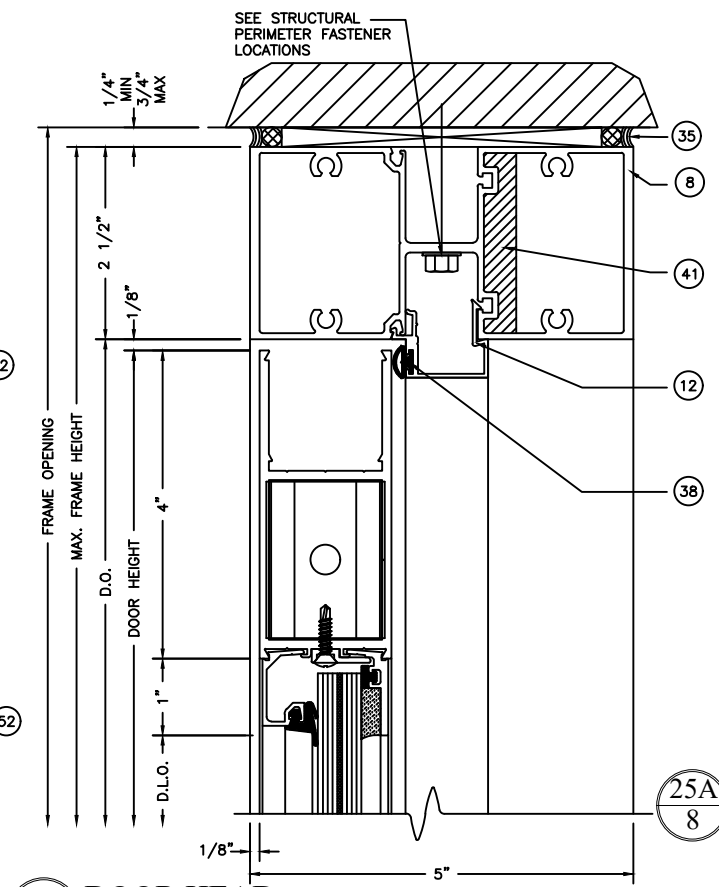
22 HEAD
8



23 DOOR HEAD TRANSOM
8



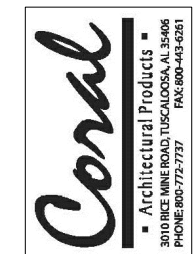
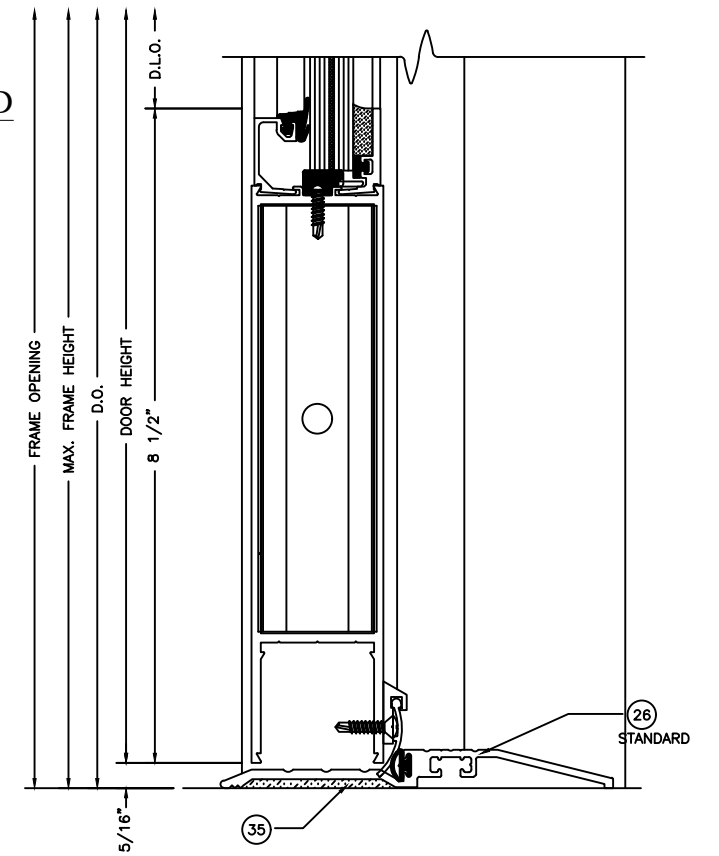
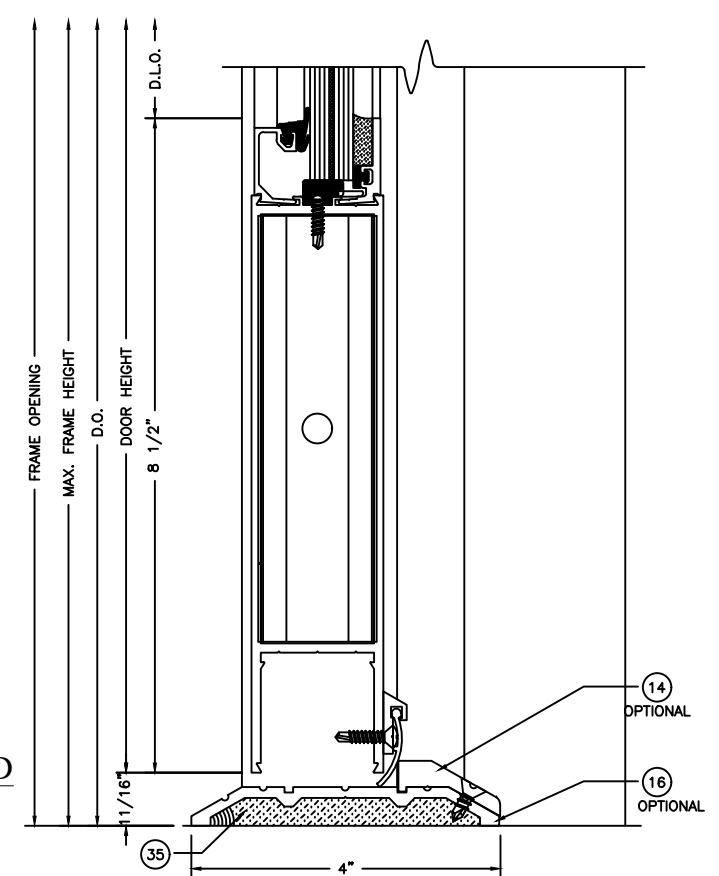
INSULATED DOOR GLASS NOT DEPICTED FOR CLARITY, REFERENCE DOOR APPROVAL



24 DOOR HEAD
8

25A THRESHOLD
8

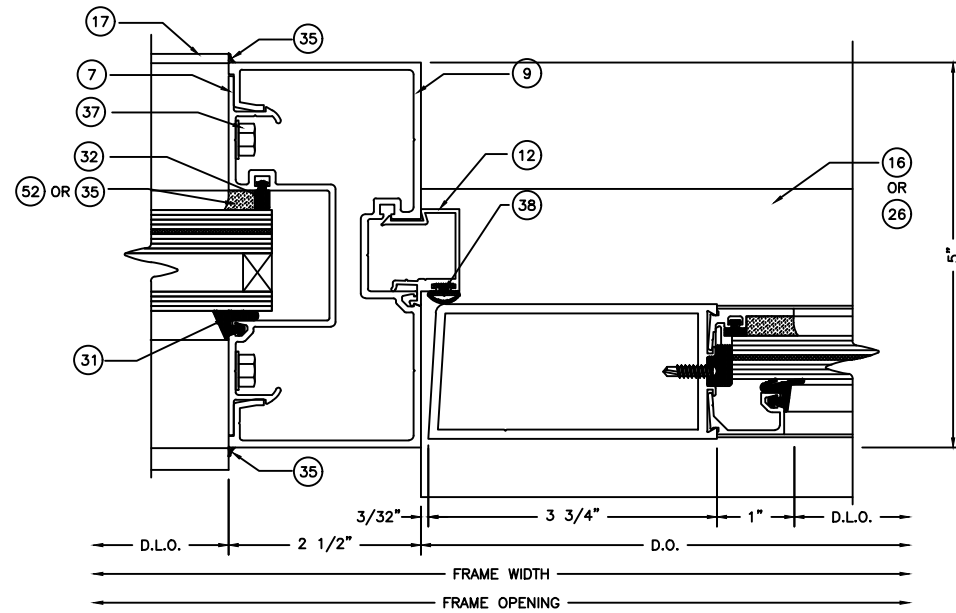
25B THRESHOLD
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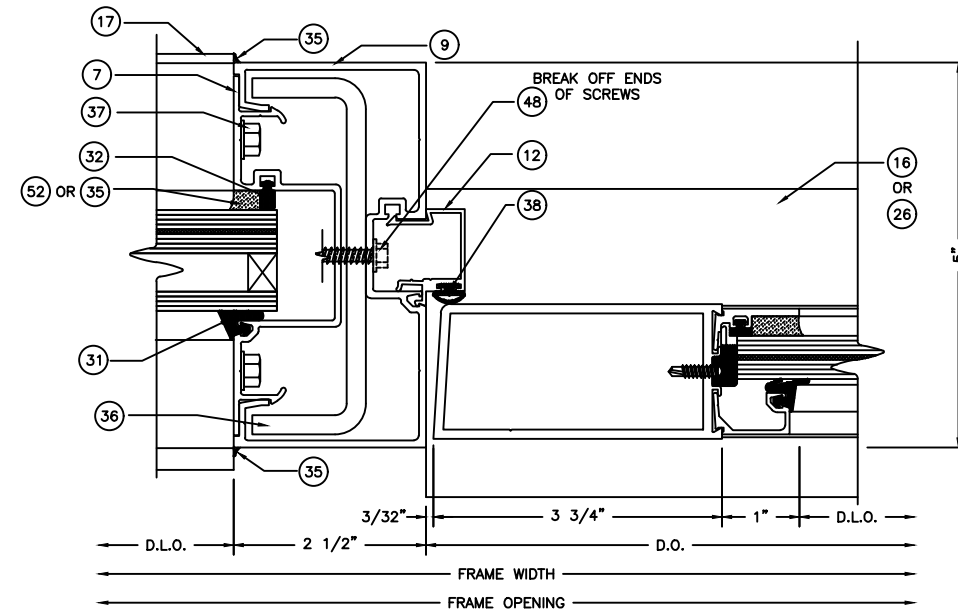
FLORIDA PRODUCT APPROVAL
DRAWINGS FOR FL550 AT
MAXIMUM 12' FRAME HEIGHT

STANDARD FRAMING

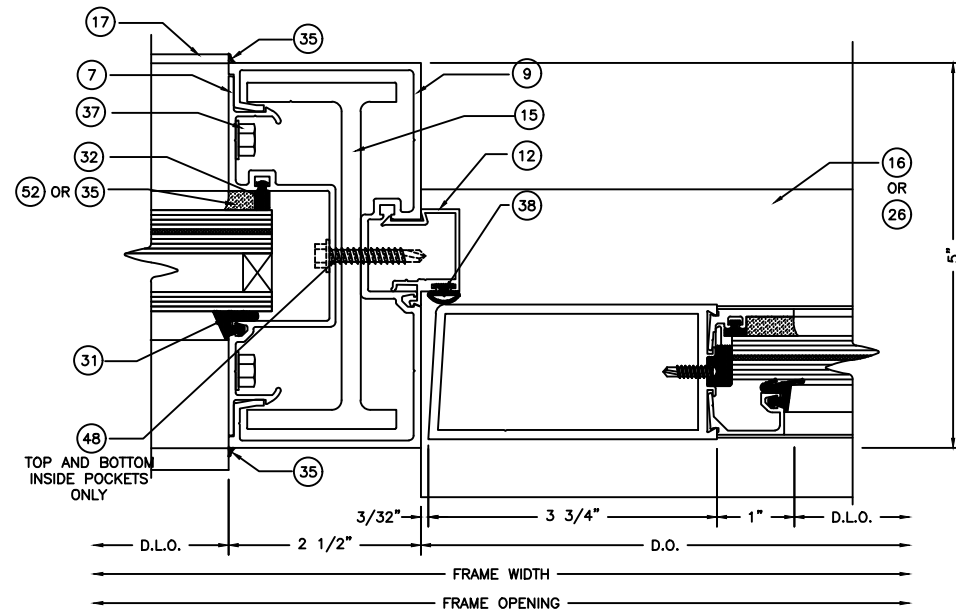
PROJECT NO.	FL550
DRAWN	MRG
CHECKED	WS
SHEET	8 OF 18
DATE	10/12/20
APPROVED	###



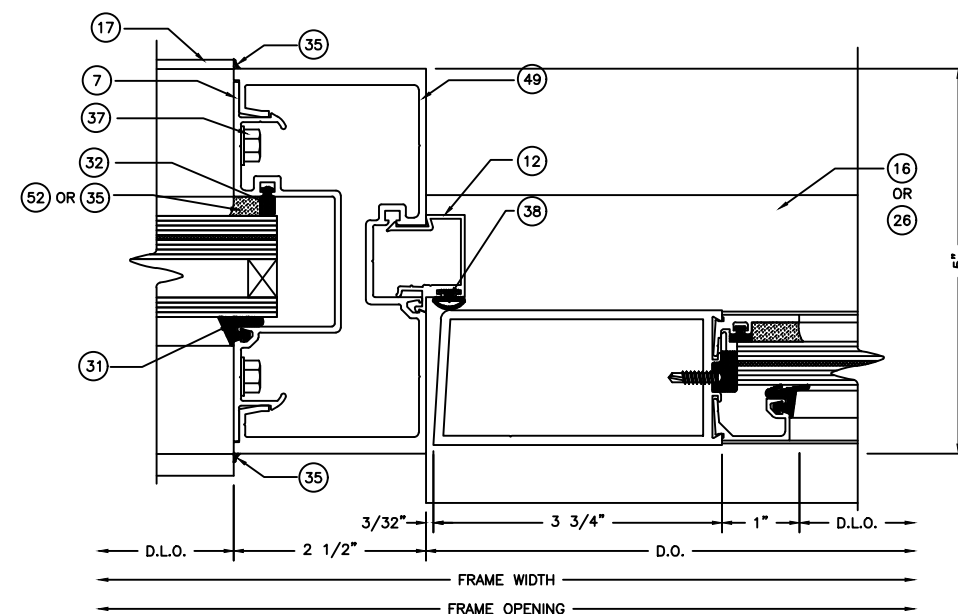
26
9 DOOR SIDELITE WITH STEEL



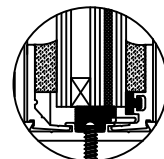
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9 DOOR SIDELITE WITH STEEL



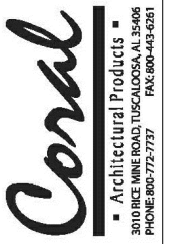
28
9 DOOR SIDELITE WITH ALUMINUM REINFORCEMENT



29
9 HEAVY WALL SIDELITE



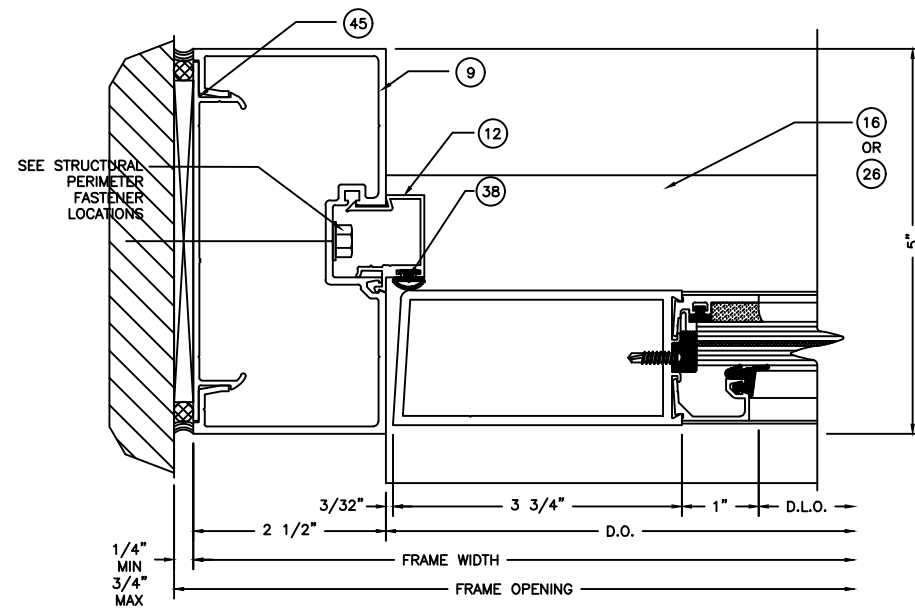
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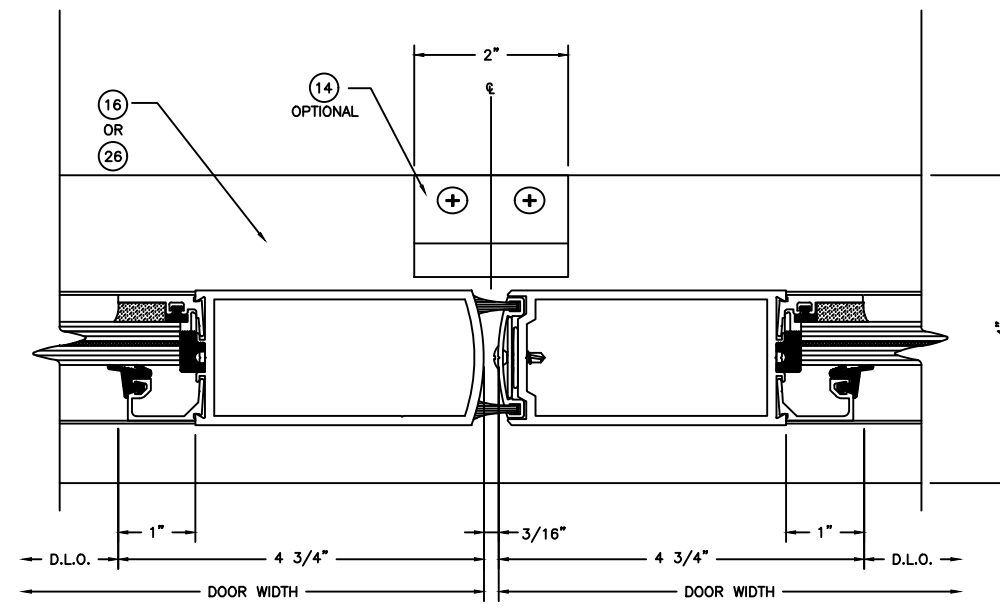
FLORIDA PRODUCT APPROVAL
DRAWINGS FOR FL550 AT
MAXIMUM 12' FRAME HEIGHT

STANDARD FRAMING

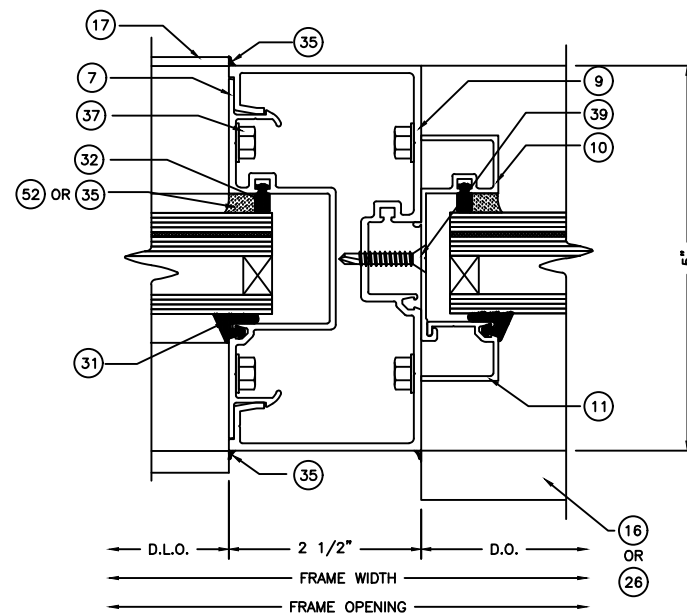
PROJECT NO. FL550	
DRAWN MRG	DATE 10/12/20
CHECKED WS	APPROVED ###
SHEET	



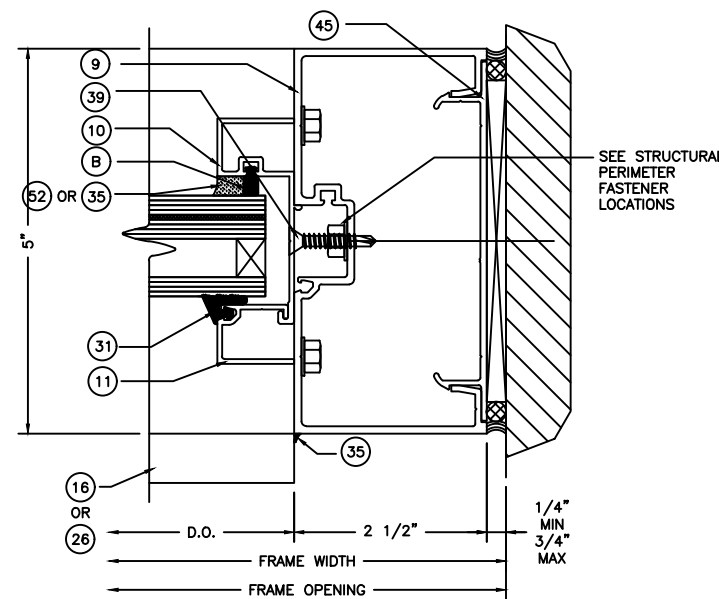
30
10 DOOR WALL JAMB



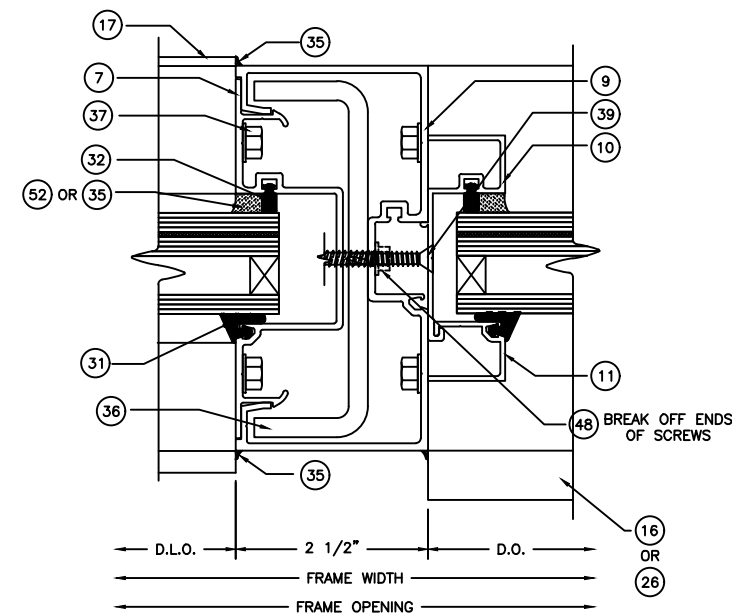
31
10 MEETING STILES



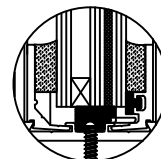
32
10 DOOR JAMB SASH



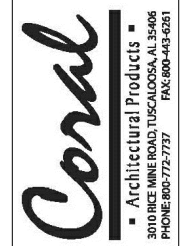
33
10 WALL JAMB SASH



34
10 DOOR JAMB SASH WITH STEEL



INSULATED DOOR GLASS NOT DEPICTED FOR CLARITY, REFERENCE DOOR APPROVAL



FLORIDA PRODUCT APPROVAL
DRAWINGS FOR FL550 AT
MAXIMUM 12' FRAME HEIGHT

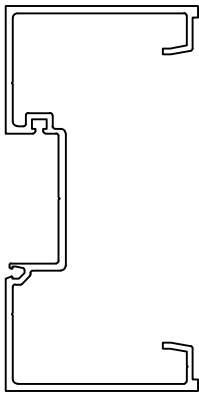
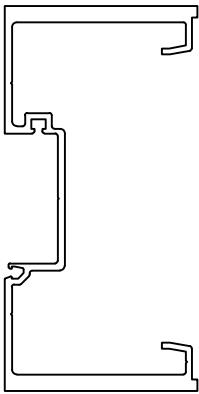
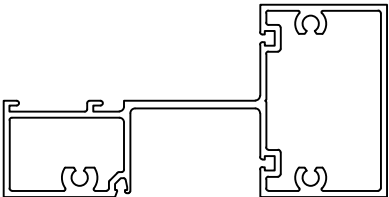
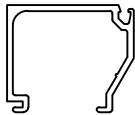
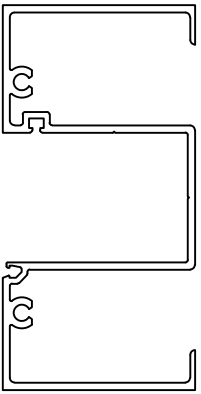
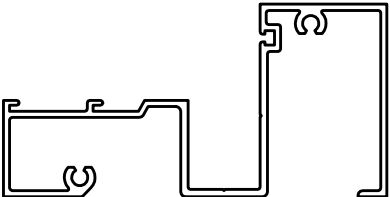
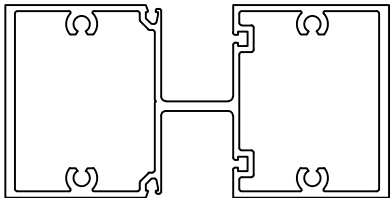
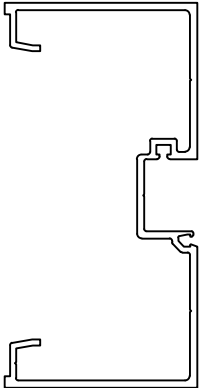
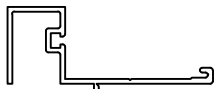
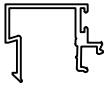
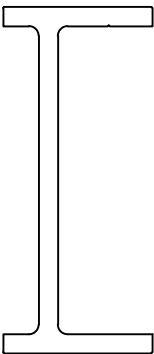
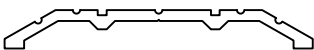
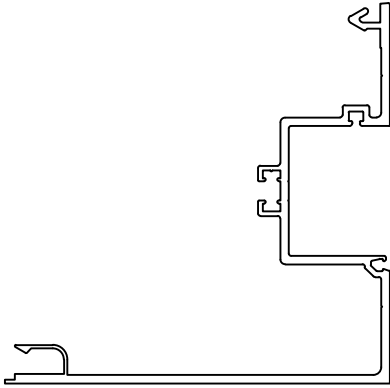
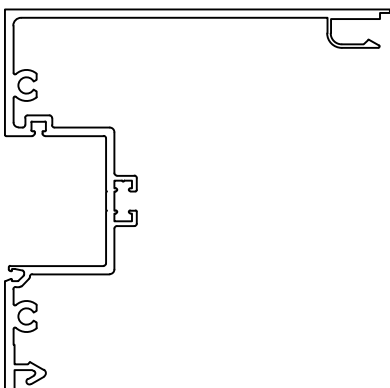
STANDARD FRAMING

PROJECT NO. FL550	DATE 10/12/20
DRAWN MRG	CHECKED W/S
APPROVED ###	
SHEET	

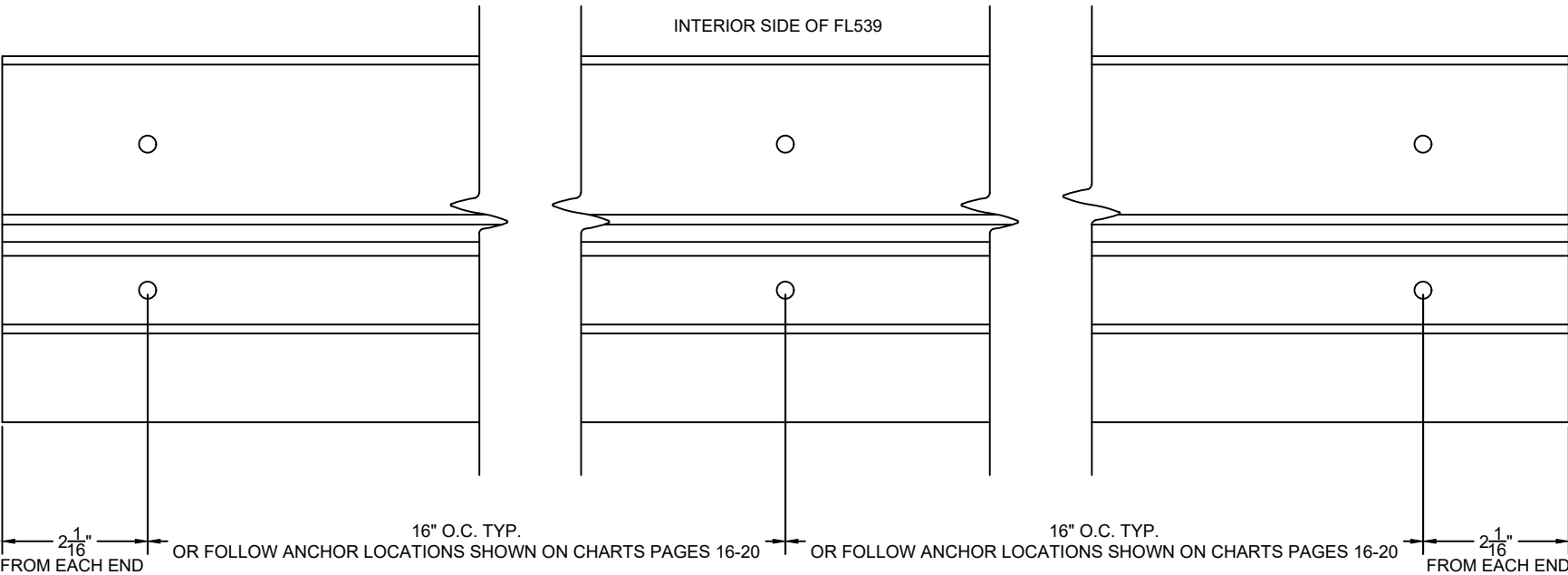
10 OF 18

BILL OF MATERIALS						
ALUMINUM PARTS						
ITEM NO.	P/N	DESCRIPTION	DIMENSIONS	MATERIAL	MANUFACTURER	NOTES
1	FL554	VERTICAL MULLION	2.5 X 5 X .094	6063-T6 ALUMINUM	CORAL	
2	FL566	HEAVY VERTICAL MULLION	2.5 X 5 X .213	6063-T6 ALUMINUM	CORAL	
3	FL556	HORIZONTAL MULLION	2.5 X 4.960 X .080	6063-T6 ALUMINUM	CORAL	
4	FL553	GLASS STOP	1.625 X 1.375 X .078	6063-T6 ALUMINUM	CORAL	
5	FL551	HEAD/WALL JAMB	2.5 X 5 X .094	6063-T6 ALUMINUM	CORAL	
6	FL552	SILL/HEAD	2.5 X 4.960 X .080	6063-T6 ALUMINUM	CORAL	
7	FL555	OPEN BACK FILLER	1.392 X 4.67 X .094	6063-T6 ALUMINUM	CORAL	
8	FL507	DOOR HEADER	2.5 X 5 X .125	6063-T6 ALUMINUM	CORAL	
9	FL504	DOOR JAMB	2.5 X 5 X .094	6063-T6 ALUMINUM	CORAL	
10	FL518	TRANSOM SASH	.7670 X 1.00 X .063	6063-T6 ALUMINUM	CORAL	
11	FL567	TRANSOM SASH	2.6875 X 1.00 X .063	6063-T6 ALUMINUM	CORAL	
12	DS501	DOOR STOP	1.0117 X 1.2653 X .050	6063-T6 ALUMINUM	CORAL	
13	FL515	FLAT FILLER	4.67 X .681 X .080	6063-T6 ALUMINUM	CORAL	
14	DP200-1	PANIC STOP	1.323 X .402 X .188	6063-T6 ALUMINUM	CORAL	
15	FL537	ALUMINUM STIFFENER	4.5 X 1.9375 X .25	6063-T6 ALUMINUM	CORAL	MAXIMUM LENGTH 144"
16	TH4	THRESHOLD	.50 X 4.00 X .125	6063-T6 ALUMINUM	CORAL	OPTIONAL THRESHOLD
17	FL539	SUBSILL	2.500 X 5.25 X .093	6063-T6 ALUMINUM	CORAL	STANDARD SUBSILL
18	DG501	DOOR GLASS STOP	1.114 X .539 X .1	6063-T6 ALUMINUM	CORAL	
19	DG502	DOOR GLASS STOP	.9896 X .5422 X .055	6063-T6 ALUMINUM	CORAL	
20	FL581	CORNER POST	5 X 4.9396 X .11	6063-T6 ALUMINUM	CORAL	
21	FL582	180° 5" MULLION	4.9410 X 5.00 X .110	6063-T6 ALUMINUM	CORAL	
22	FL583	CORNER POST	5 X 4.9396 X .11	6063-T6 ALUMINUM	CORAL	
23	CS500	SETTING CHAIR	1.56 X .844 X .078	6063-T6 ALUMINUM	CORAL	
24	CS502	SHEAR BLOCK	2.30 X 3.2608 X .094	6063-T6 ALUMINUM	CORAL	USED AT CRIPPLE LEG CONDITIONS
25	ED519	END DAM	2.688 X 5.125 X .062	6063-T6 ALUMINUM	CORAL	USED AT ENDS OF SUBSILL
26	TH5	THRESHOLD	5" X .50" X .125"	6063-T6 ALUMINUM	CORAL	STANDARD THRESHOLD
27	FL598	POCKET FILLER	.4733" X 2.0316" X .050"	6063-T6 ALUMINUM	CORAL	
28	FL563	COASTAL GLASS STOP	1.6460" X 1.39" X .078"	6063-T6 ALUMINUM	CORAL	
29						
30	FL519	1/8" SUBSILL	5.1402 X 1.625 X .084	6063-T6 ALUMINUM	CORAL	OPTIONAL SUBSILL
49	FL516	HEAVY DOOR JAMB	2" X 4.5" X .213"	6063-T6 ALUMINUM	VARIES	
ACCESSORY PARTS						
ITEM NO.	P/N	DESCRIPTION	DIMENSIONS	MATERIAL	MANUFACTURER	NOTES
31	NG1	GLAZING GASKET	.197 SPACE	EPDM	VARIES	USED ON EXT.
32	NG14	GLAZING GASKET	.25 SPACE	EPDM	VARIES	USED ON INT.
33	SB15	SETTING BLOCK	1.50 X 4.00 X .6875	EPDM	VARIES	
34	WD300-1	WATER DEFLECTOR	VARIABLE SPACE	RIGID PVC	CORAL	LOCATE ONE AT EACH END OF INTERMEDIATE
35	795	JOINT/PERIMETER SEALANT	VARIABLE SPACE	SILICONE	DOW	AS TESTED
36	SR504	PRIMED STL	1.476 X 4.624 X .25	PRIMED STEEL	VARIES	USED AT DOOR JAMB
37	AS16	TYPICAL SPLINE SCREW	#4 X 1" HHSTS	STEEL	VARIES	TYPICAL SPLINE SCREW
38	NG5	DOOR STOP GASKET	.125 SPACE	EPDM	VARIES	
39	AS18	FASTENER	FHP #8 X 1-1/4" TEK	STEEL	VARIES	
40						
41	SM5601	JOINT TAPE	VARIABLE SPACE		VARIES	USED AT ALL HORIZONTAL INTERSECTIONS
42	SB7	SETTING BLOCK	1.25 X .375 X 4	EPDM	VARIES	
43	SB16	SETTING BLOCK	1.6713 X .5875	EPDM	VARIES	
44	FL515P	FLAT FILLER	4.875 X .3703 X .0620		VARIES	
45	FL575P	FLAT FILLER	4.670 X .6810 X .080		VARIES	
46	NG15	GLAZING GASKET	.25 SPACE	EPDM	VARIES	
47	SR502	PRIMED STEEL	3" X 3" X .125"	PRIMED STEEL	VARIES	
48	AS32	FASTENER	1/4 X 1" #12	STEEL	VARIES	
50	AS59	FASTENER	#14 x 1-1/2"	STEEL	VARIES	
51	AS57	FASTENER	#12 X 1/2"	STEEL	VARIES	
52	995	SEALANT	VARIABLE SPACE	SILICONE	DOW	AS TESTED

FLORIDA PRODUCT APPROVAL DRAWINGS FOR FL550 AT MAXIMUM 12' FRAME HEIGHT BILL OF MATERIALS									
PROJECT NO. FL550 DRAWN <i>MRG</i> DATE 10/12/20									
CHECKED <i>WS</i> APPROVED ###									
SHEET 11 OF 18									

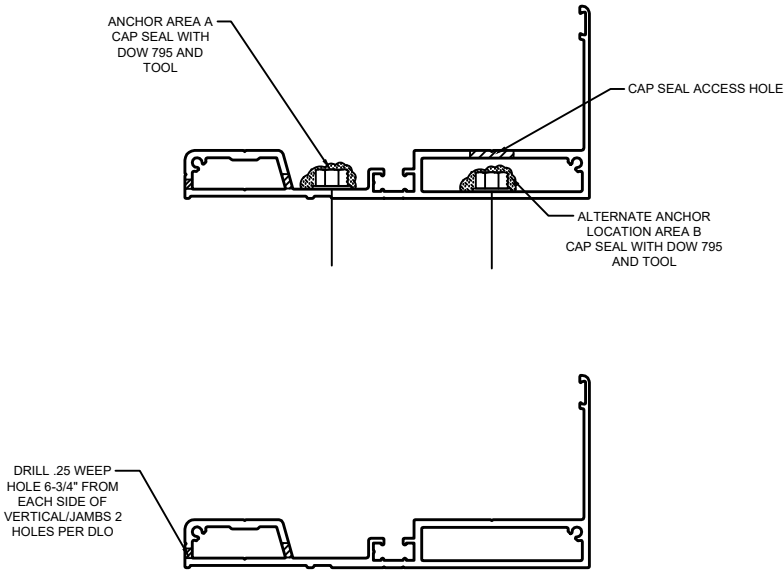
 1FL554 VERTICAL MULLION	 2FL566 HEAVY VERTICAL MULLION	 3FL556 HORIZONTAL MULLION	 4FL553 GLASS STOP	 5FL551 HEAD/JAMB	 6FL552 SILL/HEAD	DESCRIPTION REV BY DATE
 7FL555 OPEN BACK FILLER	 8FL507 DOOR HEAD	 9FL504 DOOR JAMB	 10FL518 TRANSOM SASH	 11FL567 TRANSOM SASH	 12DS501 DOOR STOP	 Architectural Products 3010 RICE WINE ROAD, TUSCALOOSA, AL 35406 PHONE: 800-772-7737 FAX: 800-443-6261 FLORIDA PRODUCT APPROVAL DRAWINGS FOR FL550 AT MAXIMUM 12' FRAME HEIGHT
 13FL515 FLAT FILLER	 15FL537 ALUMINUM STIFFENER	 16TH4 THRESHOLD	 18DG501 DOOR GLASS STOP	 20FL581 CORNER POST	 21FL582 180° 5" MULLION	

DIE DRAWINGS



REFERENCE CHART BELOW FOR ANCHOR LOCATIONS

FL539 SUBSILL ANCHORING



FL539 ANCHOR TYPES		
SUBSTRATE	ANCHOR TYPE	LENGTH BASED ON 1/2" SHIM SPACE
WOOD 3" THICK	#14 WOOD SCREW	2-1/2" PER DRAWING ABOVE
CONCRETE MIN 2500 PSI	1/4" HEX HEAD TAPCON OR EQUAL	3" PER DRAWING ABOVE
STEEL STUD MIN 18 GA	#14 PH OR HH TEK SCREW	2" PER DRAWING ABOVE
STEEL HOT ROLLED MIN 1/8"	#14 PH OR HH TEK SCREW	2" PER DRAWING ABOVE
STEEL HOT ROLLED MIN 1/8"	#14 PH OR HH TEK SCREW	2" PER DRAWING ABOVE
STEEL HOT ROLLED MIN 1/8"	1/4" TYPE F OR STANDARD SAE AND TAP	2" PER DRAWING ABOVE

Coral

Architectural Products
3010 RICE WINE ROAD, TUSCALOOSA, AL 35406
PHONE: 800-772-7737 FAX: 800-443-6261

FLORIDA PRODUCT APPROVAL
DRAWINGS FOR FL550 AT
MAXIMUM 12' FRAME HEIGHT

SUBSILL ANCHORING

PROJECT NO. FL550	
DRAWN MRG	DATE 10/12/20
CHECKED WS	APPROVED ###
SHEET	

TAPCON TYPE ANCHORS MUST HAVE 3" MINIMUM BETWEEN EACH ANCHOR AND 2 1/2" MIN EDGE DISTANCE
DOOR FRAMES WITH AND WITH OUT TRANSOM MUST BE ANCHORED AS SHOWN ON CHART BELOW

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

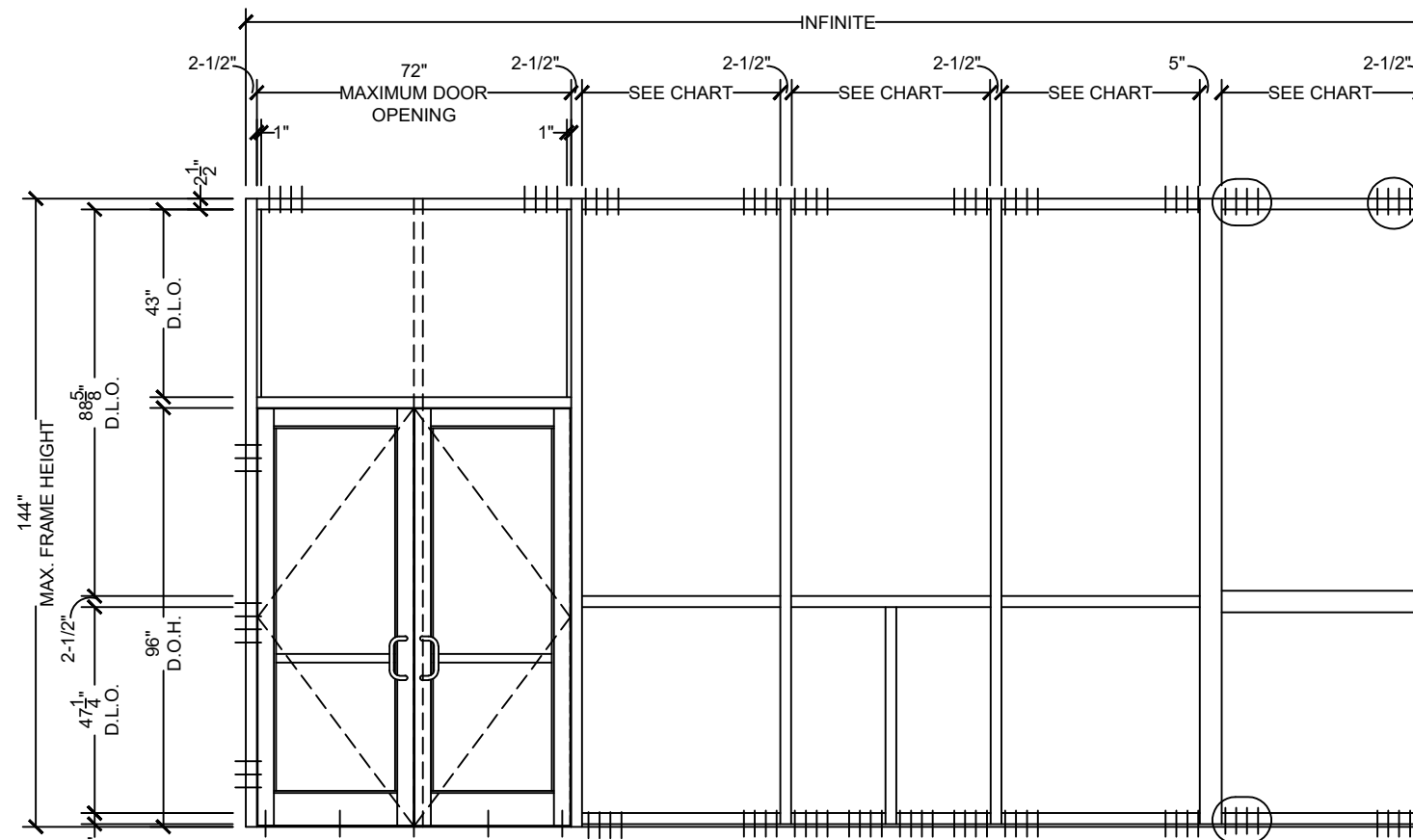
ANCHOR LENGTHS SHOWN, ARE MINIMUM TO MEET
MINIMUM EMBEDMENT

DOOR FRAMES WITHOUT SIDELITES DUPLICATE
ANCHORING ON BOTH JAMBS AS SHOWN (PAIRS AND
OR SINGLES)

DOOR FRAME	10 TOTAL
TYPE	#14 X 3-1/2" PAN OR HEX HEAD WOOD SCREW
FROM BOTTOM OF HEADER DOOR OPENINGS UP 96"	
1 EACH	8 - 1/2"
1 EACH	11 - 1/2"
1 EACH	14 - 1/2"
FROM CENTER OF DOOR OPENING UP TO 96"	
1 EACH	4 - 1/2" ABOVE CTR LINE
1 EACH	1 - 1/2" ABOVE CTR LINE
1 EACH	1 - 1/2" BELOW CTR LINE
1 EACH	4 - 1/2" BELOW CTR LINE
FROM BOTTOM OF FRAME UP	
1 EACH	11 - 1/2"
1 EACH	14 - 1/2"
1 EACH	17 - 1/2"

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

#14 X 3-1/2" WOOD SCREWS
TYP. WITH 2" MIN. EMBEDMENT.
LOCATE FIRST ANCHOR 2" FROM EDGE
OF MULLION AND ADDITIONAL
FASTENER @ 2" MIN. SPACING
BETWEEN ANCHORS.



FL519 SUBSILL DEPICTED
FOR ANCHORING SILL TO FL539 SUBSILL, MAKE SURE TO FOLLOW PATTERN
AS SHOWN AND TO USE FASTENER AS57 OR AS39

**FLORIDA PRODUCT APPROVAL
DRAWINGS FOR FL550 AT
MAXIMUM 12' FRAME HEIGHT**

FASTENER LOCATIONS

PROJECT NO. FL500	
DRAWN MRG	DATE 10/12/20
CHECKED W/S	APPROVED ###
SHEET 15 OF 18	

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.**

DOOR FRAMES WITHOUT SIDELITES DUPLICATE
ANCHORING ON BOTH JAMBS AS SHOWN (PAIRS AND
OR SINGLES)

DOOR FRAME	8 TOTAL
TYPE	1/4" X 3-1/2" TAPCON SCREW
FROM BOTTOM OF HEADER DOOR OPENINGS UP 96"	
1 EACH	8 - 1/2"
1 EACH	11 - 1/2"
FROM CENTER OF DOOR OPENING UP TO 96"	
1 EACH	4 - 1/2" ABOVE CTR LINE
1 EACH	1 - 1/2" ABOVE CTR LINE
1 EACH	1 - 1/2" BELOW CTR LINE
1 EACH	4 - 1/2" BELOW CTR LINE
FROM BOTTOM OF FRAME UP	
1 EACH	11 - 1/2"
1 EACH	14 - 1/2"

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



CONCRETE SUBSTRATE ANCHOR LOCATIONS

FLORIDA PRODUCT APPROVAL DRAWINGS FOR FL550 AT MAXIMUM 12' FRAME HEIGHT FASTENER LOCATIONS										</			
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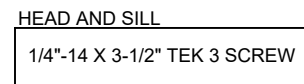
PERIMETER FASTENERS:

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.

DOOR FRAMES WITHOUT SIDELITES DUPLICATE
ANCHORING ON BOTH JAMBS AS SHOWN (PAIRS AND
OR SINGLES)

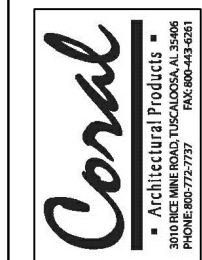
DOOR FRAME	8 TOTAL
TYPE	1/4" X 3-1/2" TEK 3 SCREW
FROM BOTTOM OF HEADER DOOR OPENINGS UP 96"	
1 EACH	8 - 1/2"
1 EACH	11 - 1/2"
FROM CENTER OF DOOR OPENING UP TO 96"	
1 EACH	4 - 1/2" ABOVE CTR LINE
1 EACH	1 - 1/2" ABOVE CTR LINE
1 EACH	1 - 1/2" BELOW CTR LINE
1 EACH	4 - 1/2" BELOW CTR LINE
FROM BOTTOM OF FRAME UP	
1 EACH	11 - 1/2"
1 EACH	14 - 1/2"

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



FLORIDA PRODUCT APPROVAL
DRAWINGS FOR FL550 AT
MAXIMUM 12' FRAME HEIGHT

PROJECT NO. FL550	
DRAWN MRG	DATE 10/12/20
CHECKED W/S	APPROVED ###
SHEET 17 OF 18	

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FASTENER LOCATIONS

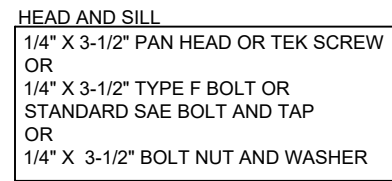
PERIMETER FASTENERS:

- 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.**

DOOR FRAMES WITHOUT SIDELITES DUPLICATE
ANCHORING ON BOTH JAMBS AS SHOWN (PAIRS AND
OR SINGLES)

DOOR FRAME	6 TOTAL
TYPE	1/4" X 3-1/2" PAN, TEK SCREW, TYPE F BOLT, STANDARD SAE BOLT AND TAP, OR BOLT AND WASHER
FROM BOTTOM OF HEADER DOOR OPENINGS UP 96"	
1 EACH	8 - 1/2"
1 EACH	11 - 1/2"
FROM CENTER OF DOOR OPENING UP TO 96"	
1 EACH	1 - 1/2" ABOVE CTR LINE
1 EACH	1 - 1/2" BELOW CTR LINE
FROM BOTTOM OF FRAME UP	
1 EACH	11 - 1/2"
1 EACH	14 - 1/2"

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



STEEL SUBSTRATE ANCHOR LOCATIONS

FLORIDA PRODUCT APPROVAL DRAWINGS FOR FL550 AT MAXIMUM 12' FRAME HEIGHT						FASTENER LOCATIONS					
PROJECT NO. FL550											
DRAWN <i>MRG</i>				DATE 10/12/20							
CHECKED <i>W/S</i>				APPROVED ###							
SHEET											
18 OF 18											