

IDA PRODUCT APPROVAL DRAWINGS

MS381 WET GLAZED DOORS

MONOLITHIC AND INSULATED

WITH VON DUPRIN HARDWARE

FOR THIS PRODUCT TO MEET THE CURRENT FLORIDA BUILDING CODE 6TH EDITION ENERGY CONSERVATION SECTIONS C401, C402, C402.3 AND TABLE C402.3 CLIMATE ZONES 1 AND 2 WITH U-FACTOR REQUIRED OF 0.83 AND SHGC 0.25 GLASS MUST HAVE THE FOLLOWING COG VALUES:

0.42 U-FACTOR
0.41 SHGC

GENERAL NOTES:
SEE FBC APPROVALS FOR USE WITH SIDELITES

TEST STANDARDS
AIR—TAS202
STATIC—TAS202
IMPACT—TAS201
CYCLIC—TAS203

D6SIGN PRESSURE VARIES
+60/-60 PSF

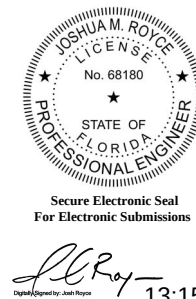
ALL ALUMINUM EXTRUSIONS SHALL BE MADE FROM 6063-T6 ALLOY AND TEMPER.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY
WITH THE CURRENT FLORIDA BUILDING CODE INCLUDING HIGH
VELOCITY HURRICANE ZONES.

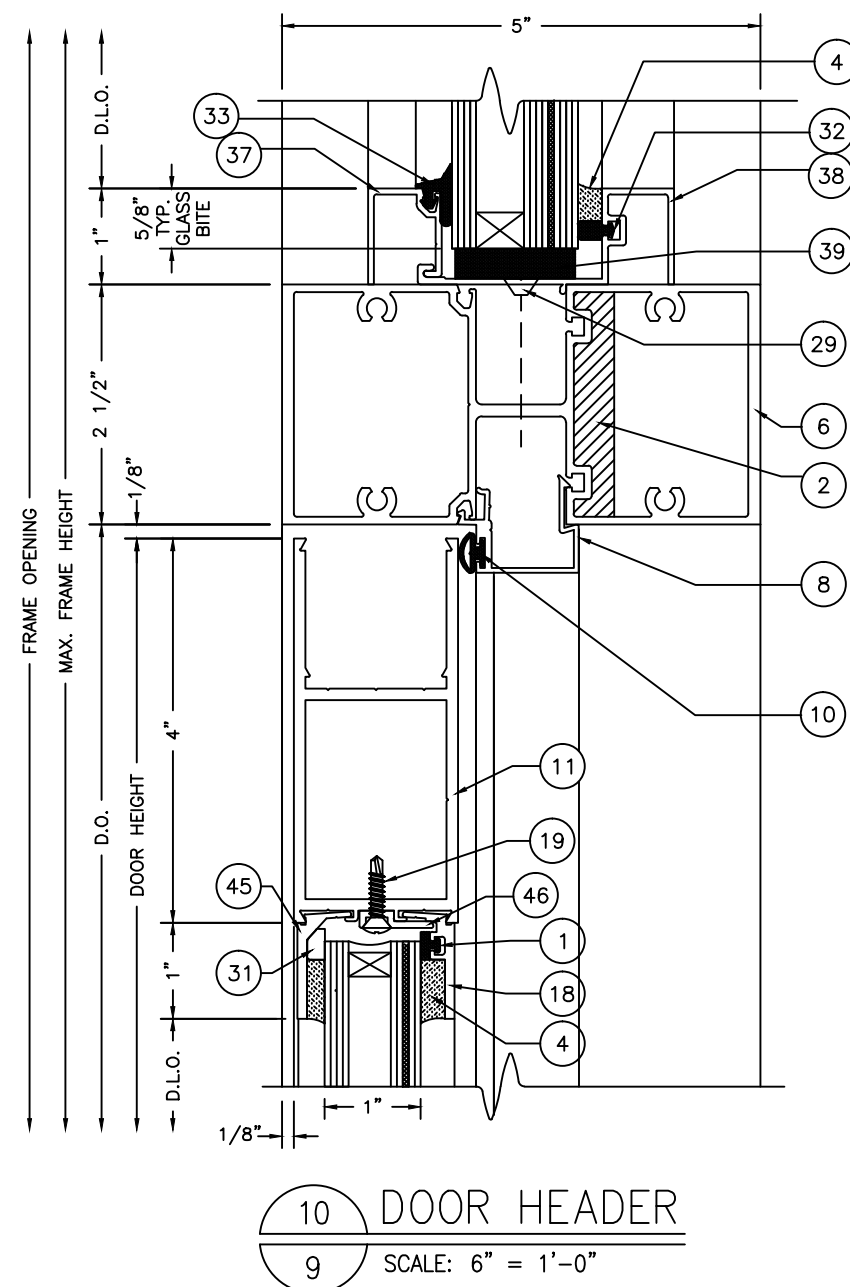
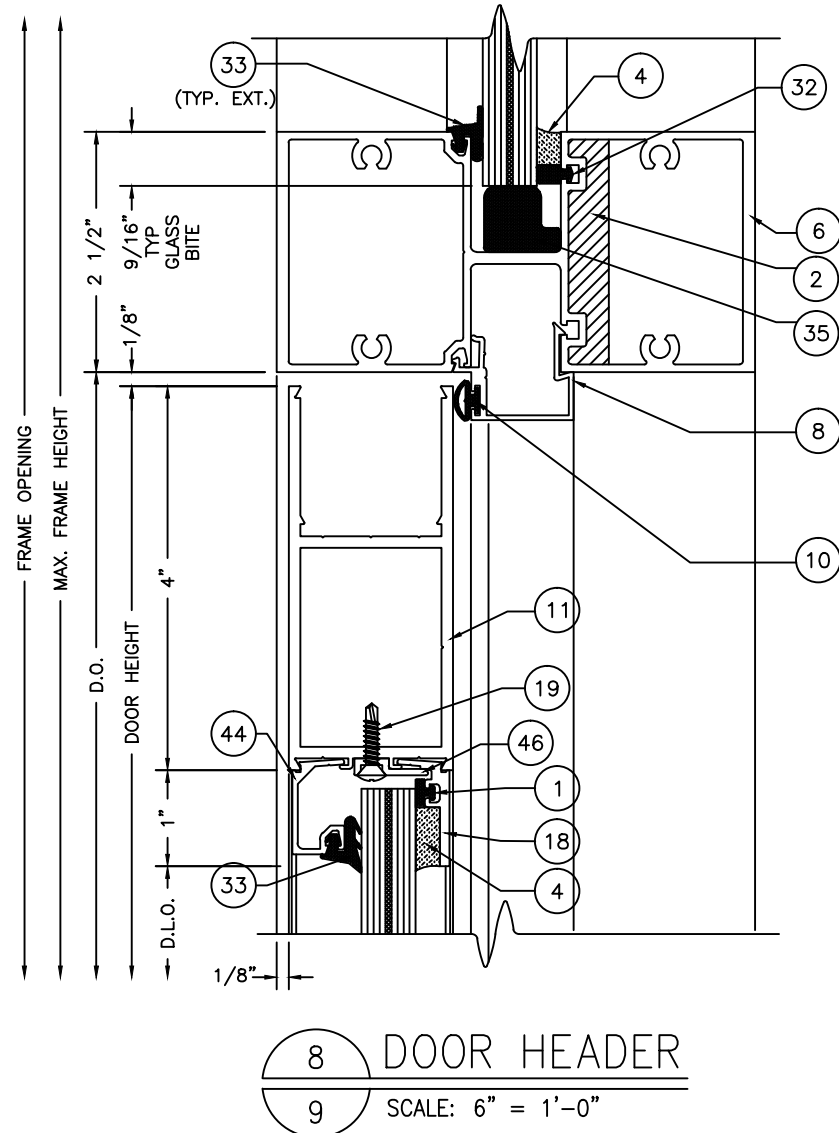
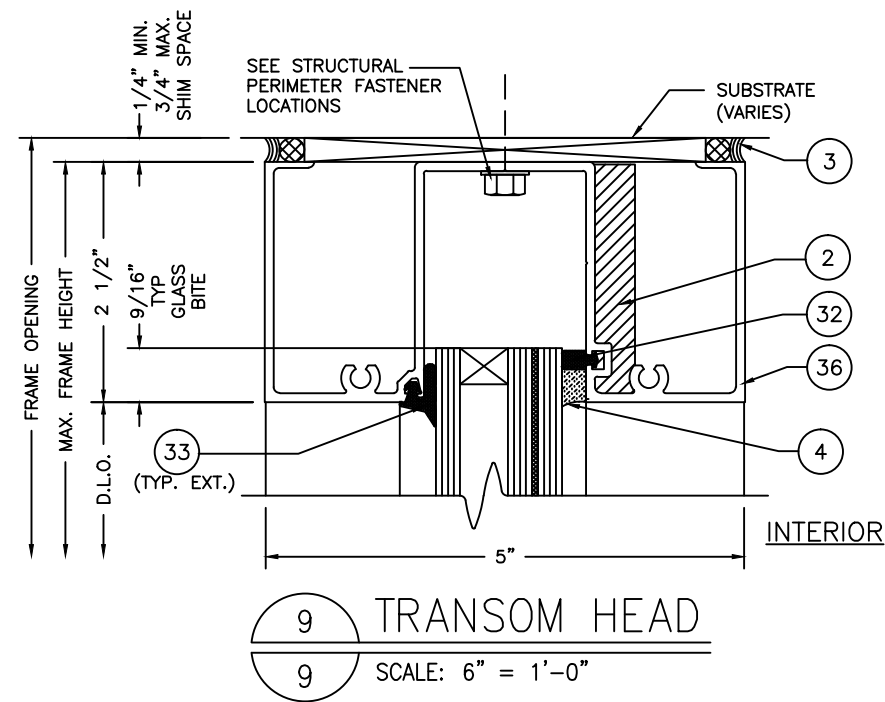
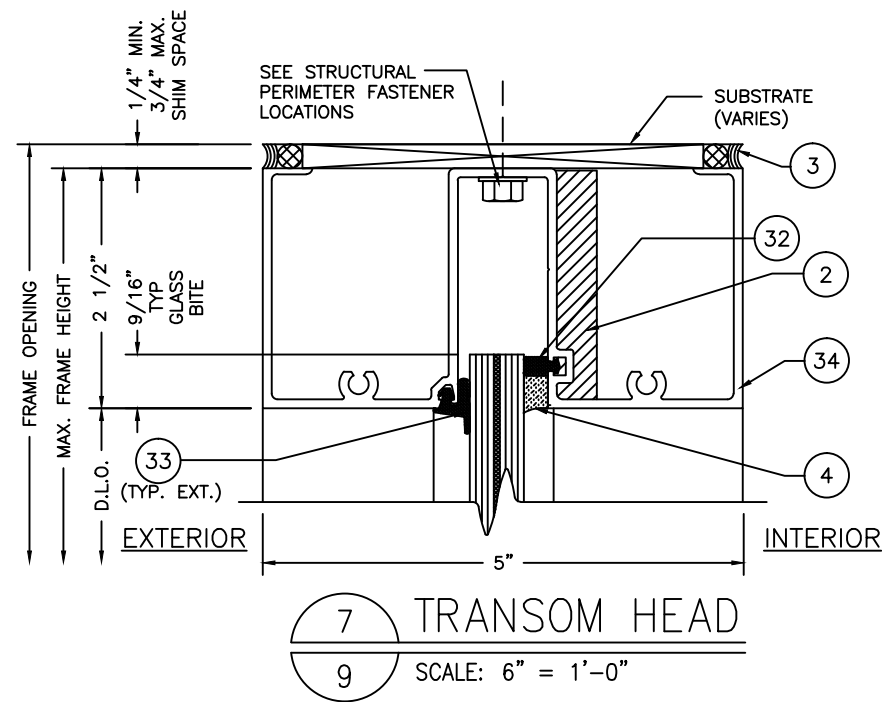
ABBREVIATIONS:

D.L.O. = DAY LIGHT OPENING
D.O.H. = DOOR OPENING HEIGHT
D.O.W. = DOOR OPENING WIDTH
C.O.C. = CONCEALED OVERHEAD CLOSER
C.V.R. = CONCEALED VERTICAL ROD

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FLORIDA PRODUCT APPROVAL DRAWINGS MS381 WET GLAZED DOORS			CORAL INDUSTRIES ARCHITECTURAL PRODUCTS 3010 RICE MINE RD TUSCALOOSA, AL 35406 PHONE 1-800-772-7737 FAX 1-800-443-6261 WWW.CORALIND.COM					
INDEX TO DRAWINGS AND NOTES								
DATE			3/18/2019					
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PROJECT NO.								
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MS381_8								
SHEET								
1 OF 18								



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FLORIDA PRODUCT APPROVAL
DRAWINGS MS381 WET GLAZED DOORS

DATE 3/18/2019		
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SHEET 9 OF 18		

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.

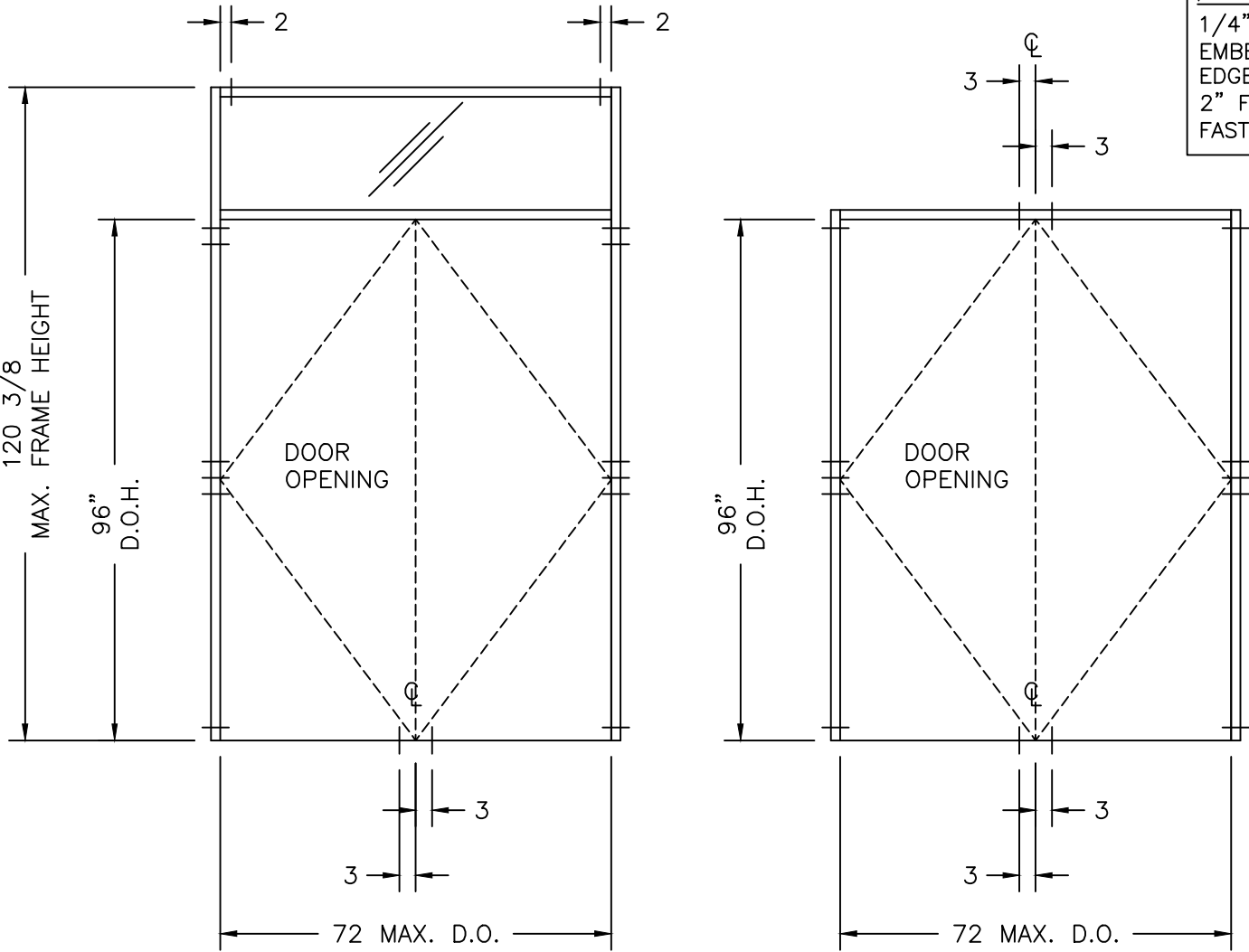
ANCHOR LENGTHS ARE SHOWN TO MEET MINIMUM EMBEDMENT.

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" X 4" HEX OR FLAT HEAD TAPCONS	
LOCATION	SPACING
FROM BOTTOM OF FRAME (1) TOTAL	2-3/8"
FROM CENTERLINE (3) TOTAL	3" ABOVE CENTERLINE AT CENTERLINE 3" BELOW CENTERLINE
FROM BOTTOM OF TRANSOM (2) TOTAL	1-5/8", 4-5/8"
FROM BOTTOM OF DOOR HEADER (1) TOTAL	1-5/8"

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



HEAD AND SILL

1/4" X 4" 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.

JAMB

1/4" X 4" TAPCON WITH 1-3/4" MIN. EMBEDMENT, 2-1/2" MIN. EDGE DISTANCE.

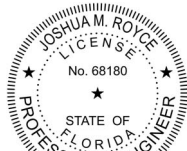
TYPICAL INSTALLATION INTO
CONCRETE SUBSTRATE.
MIN. 3000 P.S.I.

REFER TO FL500 AND/OR FL550 FOR USE WITH SIDELITES

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" (2 ANCHORS TOTAL)	(1) 3" FROM LEFT SIDE OF CENTER LINE OF DOOR OPENING
	(1) 3" FROM RIGHT SIDE OF CENTER LINE OF DOOR OPENING
PAIRS DOORS UP TO 96" (2 ANCHORS TOTAL)	(1) 3" FROM LEFT SIDE OF CENTER LINE OF DOOR OPENING
	(1) 3" FROM RIGHT SIDE OF CENTER LINE OF DOOR OPENING

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FLORIDA PRODUCT APPROVAL
DRAWINGS MS381 WET GLAZED DOORS
CONCRETE ANCHOR CHART



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For Electronic Submissions

Joshua M. Royce
Digital Signed by: Joshua Royce

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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.

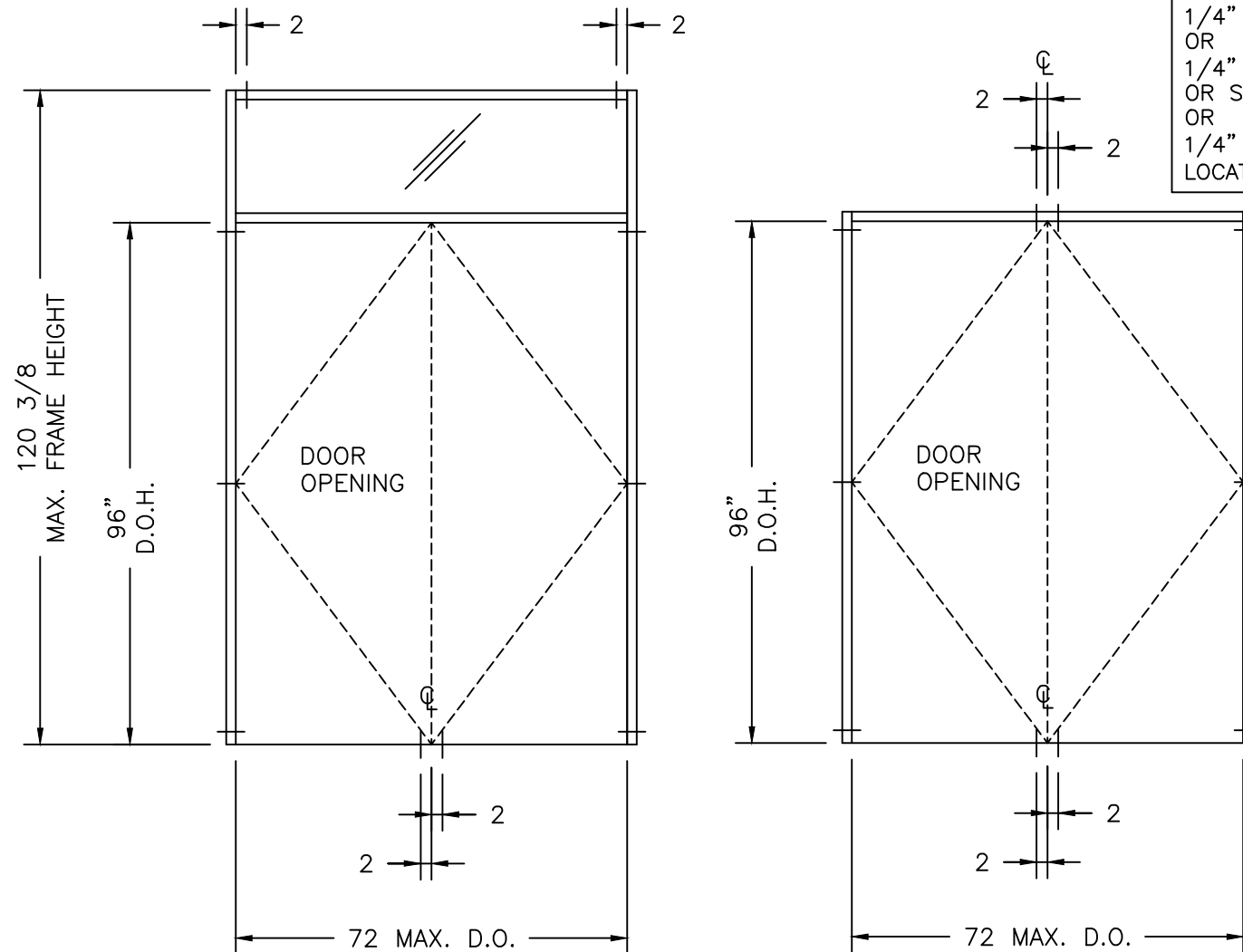
FOR DOOR FRAMES WITHOUT SIDELITES, ANCHORING SHALL BE DUPLICATED ON BOTH JAMBS AS SHOWN (PAIRS AND/ OR SINGLES).

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	2-3/8"
FROM CENTERLINE (1) TOTAL	AT CENTERLINE
FROM BOTTOM OF DOOR HEADER (1) TOTAL	1-5/8"
FROM BOTTOM OF TRANSOM (1) TOTAL	1-5/8"

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

THRESHOLD ANCHORS	
1/4" X 2-1/2" FHP SCREW OR EQUAL – 1-3/4" MINIMUM EMBEDMENT, 2-1/2" MIN. EDGE DISTANCE	
SINGLE DOORS UP TO 48" (2 ANCHORS TOTAL)	(1) 3" FROM LEFT SIDE OF CENTER LINE OF DOOR OPENING
	(1) 2" FROM RIGHT SIDE OF CENTER LINE OF DOOR OPENING
PAIRS DOORS UP TO 96" (2 ANCHORS TOTAL)	(1) 2" FROM LEFT SIDE OF CENTER LINE OF DOOR OPENING
	(1) 2" FROM RIGHT SIDE OF CENTER LINE OF DOOR OPENING

REFERENCE PAGE 3 OF 18 FOR THRESHOLD ANCHORS
INTO CONCRETE

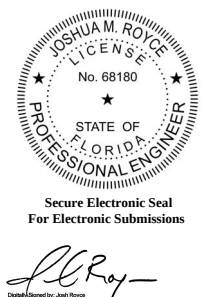


1/4" X 2" PAN HEAD OR TEK SCREW
OR
1/4" X 2" TYPE F BOLT
OR STANDARD SAE BOLT AND TAP
OR
1/4" X 2" BOLT, NUT, AND WASHER
LOCATE ANCHORS 2" FROM EDGE OF MULLION.

1/4" X 2-1/2" TEK 3 SCREW OR
1/4" X 2-1/2" BOLT.

TYPICAL INSTALLATION INTO
HOT ROLLED STEEL SUBSTRATE
MIN. 1/8" THICK

REFER TO FL500 AND/OR FL550 FOR USE WITH SIDELITES



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HOT ROLLED STEEL ANCHOR CHART			PHONE 1-800-772-7737 FAX 1-800-443-6261 WWW.CORALIND.COM					
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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.

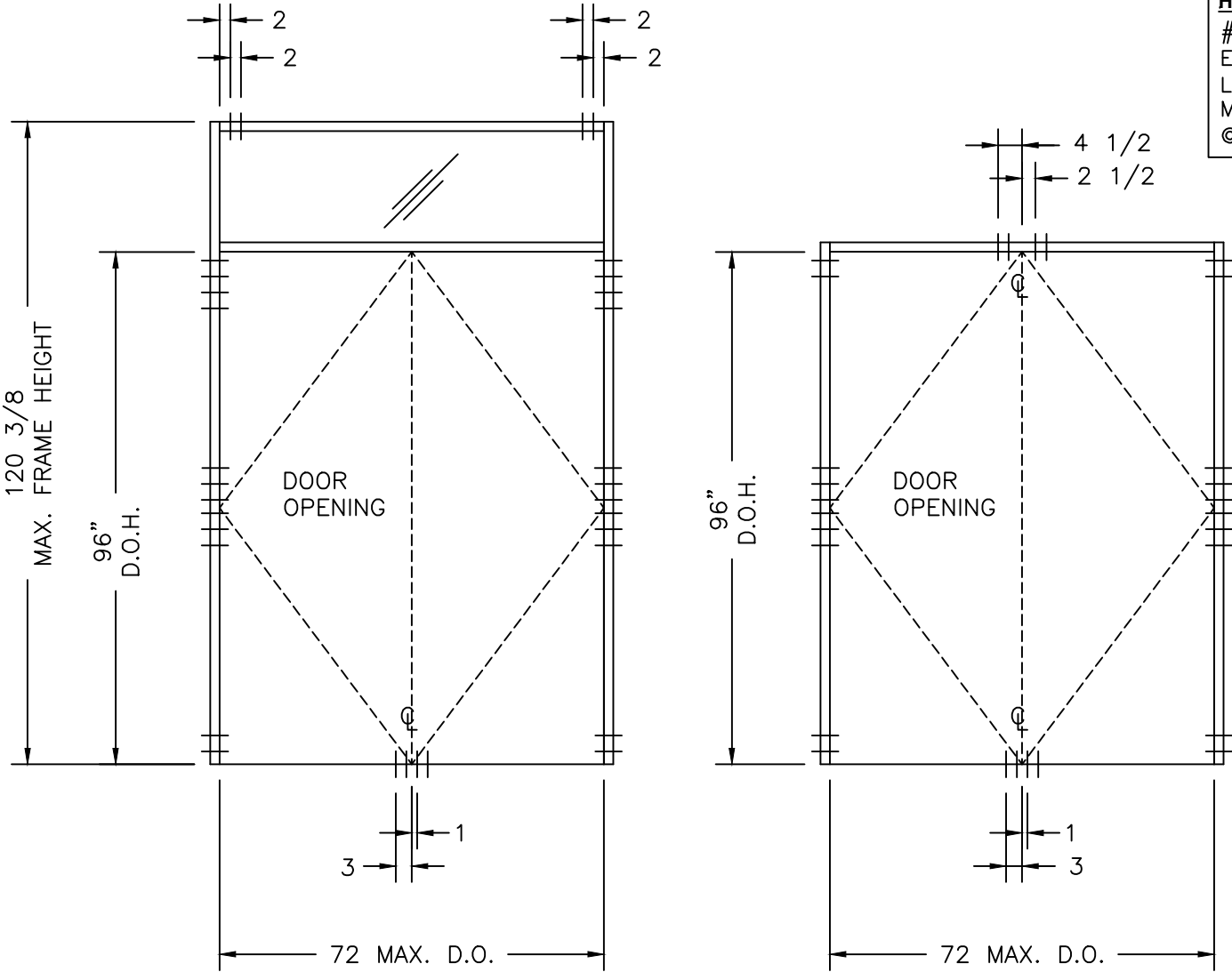
FOR DOOR FRAMES WITHOUT SIDELITES, ANCHORING SHALL BE DUPLICATED ON BOTH JAMBS AS SHOWN (PAIRS AND/ OR SINGLES).

DOOR FRAME JAMB ANCHORS #14 X 4" PAN OR HEX HEAD WOOD SCREW	
LOCATION	SPACING
FROM BOTTOM OF FRAME (2) TOTAL	2-3/8", 5-3/8"
FROM CENTERLINE (6) TOTAL	1-1/2", 4-1/2", 7-1/2" ABOVE CENTERLINE 1-1/2", 4-1/2", 7-1/2" BELOW CENTERLINE
FROM BOTTOM OF TRANSOM (4) TOTAL	1-5/8", 4-5/8", 7-5/8", 10-5/8"
FROM BOTTOM OF DOOR HEADER (2) TOTAL	1-5/8", 4-5/8"

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

THRESHOLD ANCHORS 1/4" X 2-1/2" FHP SCREW OR EQUAL - 1-3/4" MINIMUM EMBEDMENT, 2-1/2" MIN. EDGE DISTANCE	
SINGLE DOORS UP TO 48" (4 ANCHORS TOTAL)	(2) 1", 3" FROM LEFT SIDE OF CENTER LINE OF DOOR OPENING
	(2) 1", 3" FROM RIGHT SIDE OF CENTER LINE OF DOOR OPENING
PAIRS DOORS UP TO 96" (4 ANCHORS TOTAL)	(2) 1", 3" FROM LEFT SIDE OF CENTER LINE OF DOOR OPENING
	(2) 1", 3" FROM RIGHT SIDE OF CENTER LINE OF DOOR OPENING

REFER TO FL500 AND/OR FL550 FOR USE WITH SIDELITES



HEAD AND SILL

#14 X 4" 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.

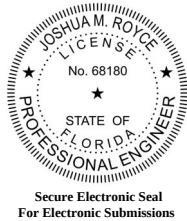
JAMB

#14 X 4" WOOD SCREWS WITH 2" MIN. EMBEDMENT, 1-3/4" MIN. EDGE DISTANCE.

TYPICAL INSTALLATION INTO
WOOD SUBSTRATE
SOUTHERN PINE

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.



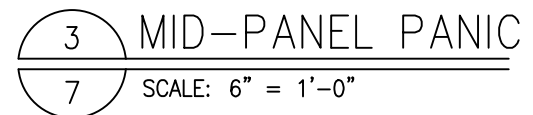
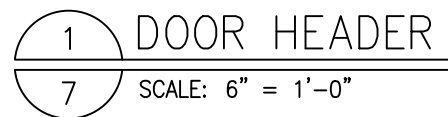
Digital Signature of Joshua M. Royce

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FLORIDA PRODUCT APPROVAL
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WOOD ANCHOR CHART

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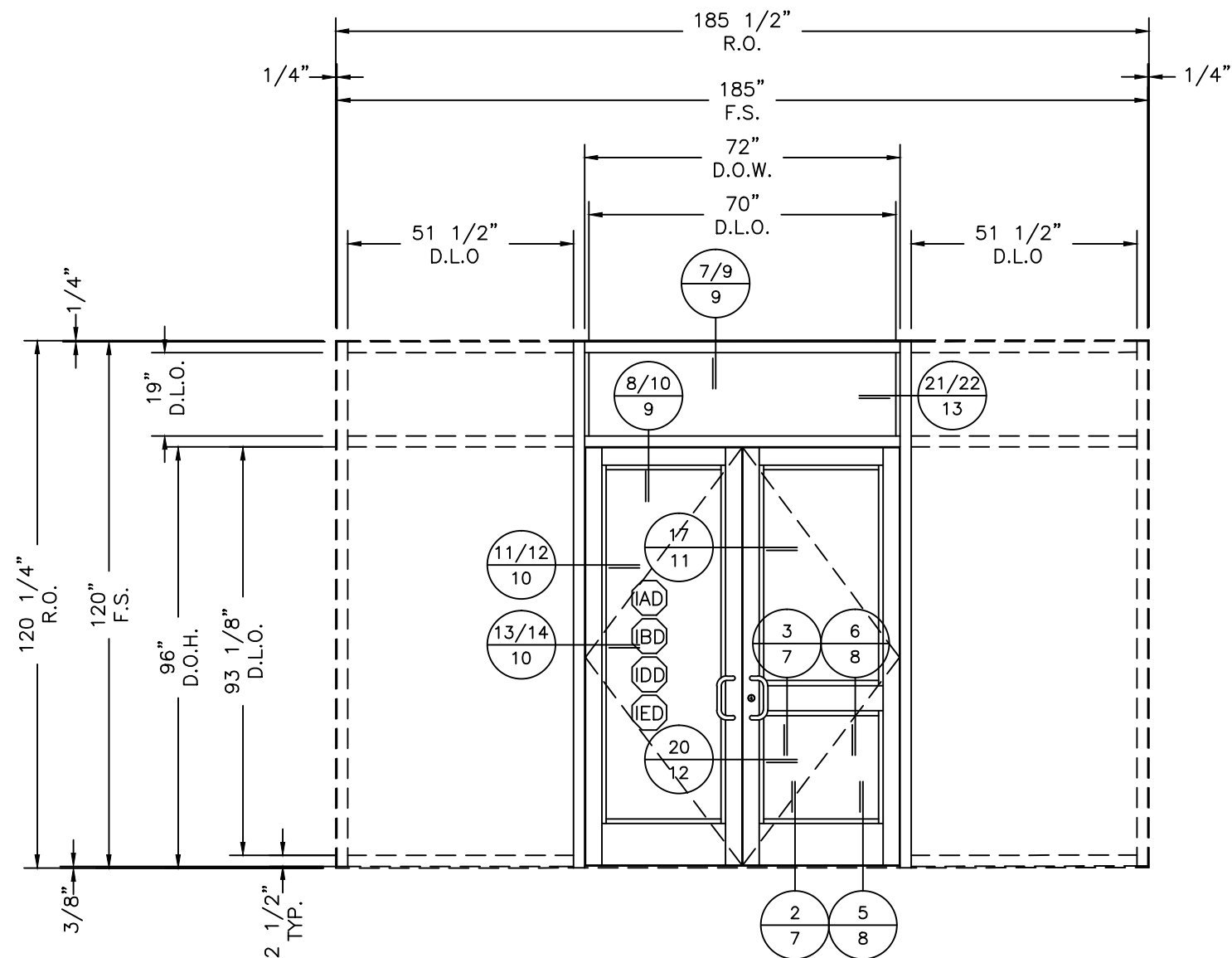
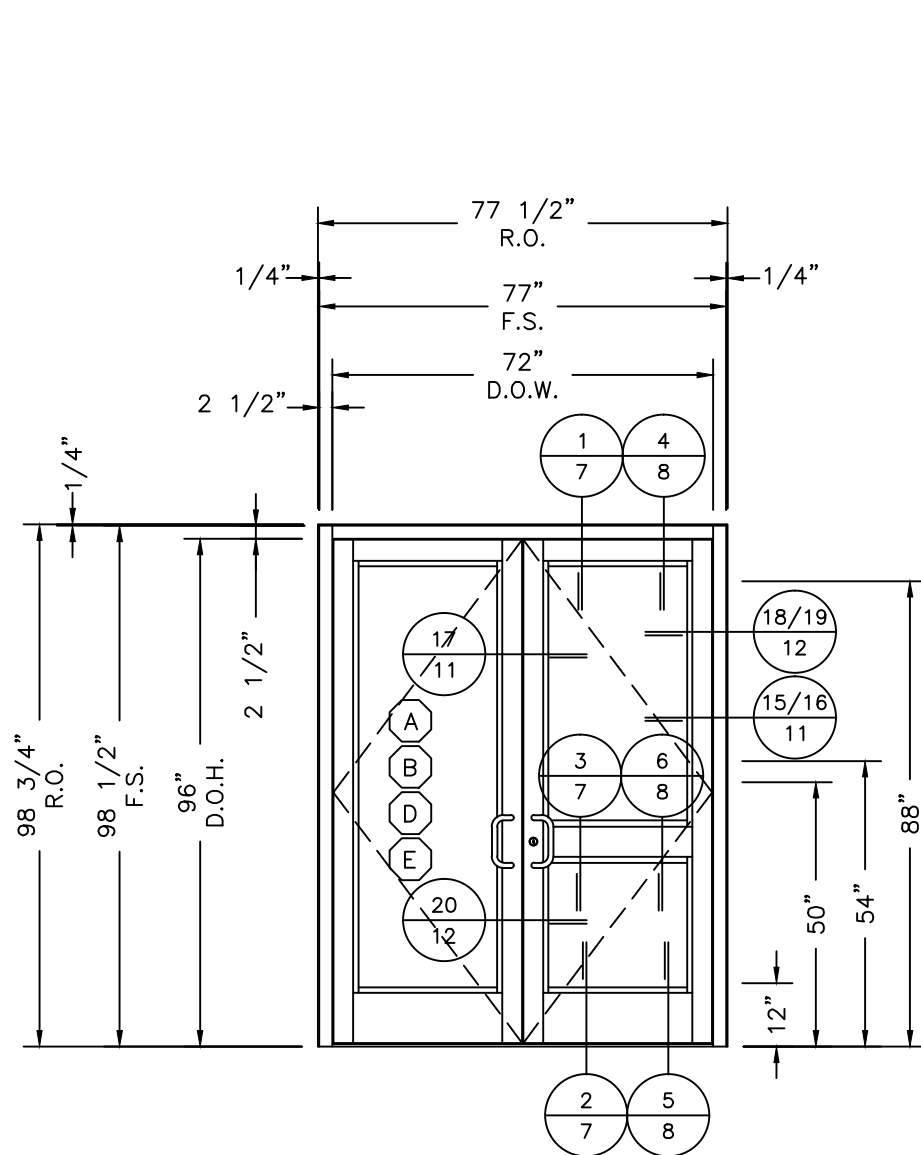


FRAMING DETAILS

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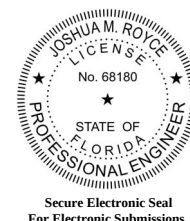
TYPICAL ELEVATIONS FOR SERIES 381 IMPACT OUT SWING DOORS AND F5/FT5 FRAMES

DESIGN PRESSURE = +60/-60 PSF

REFER TO APPROVAL DRAWINGS FOR FL500 AND/OR
FL550 WHEN SIDELITES ARE USED

NOTES:

1. LOWEST DESIGN PRESSURE SHALL GOVERN ALL PRODUCTS INSTALLED AS SYSTEM.
2. DOOR IS NOT TESTED FOR WATER INTRUSION.
3. MAXIMUM DOOR SIZE WITH VD RIM(99) IS 72" X 84", OTHERWISE MAXIMUM DOOR SIZE IS 72" X 96".
4. SEE SHEET 16 OF 18 FOR GLASS TYPES.



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Digital Signed by: Josh Royle

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FLORIDA PRODUCT APPROVAL
DRAWINGS MS381 WET GLAZED DOORS
TYPICAL ELEVATIONS AND ANCHOR
LOCATIONS

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DESCRIPTION

DATE

BY

REV

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

- ANCHOR LENGTHS ARE SHOWN TO MEET MINIMUM EMBEDMENT.

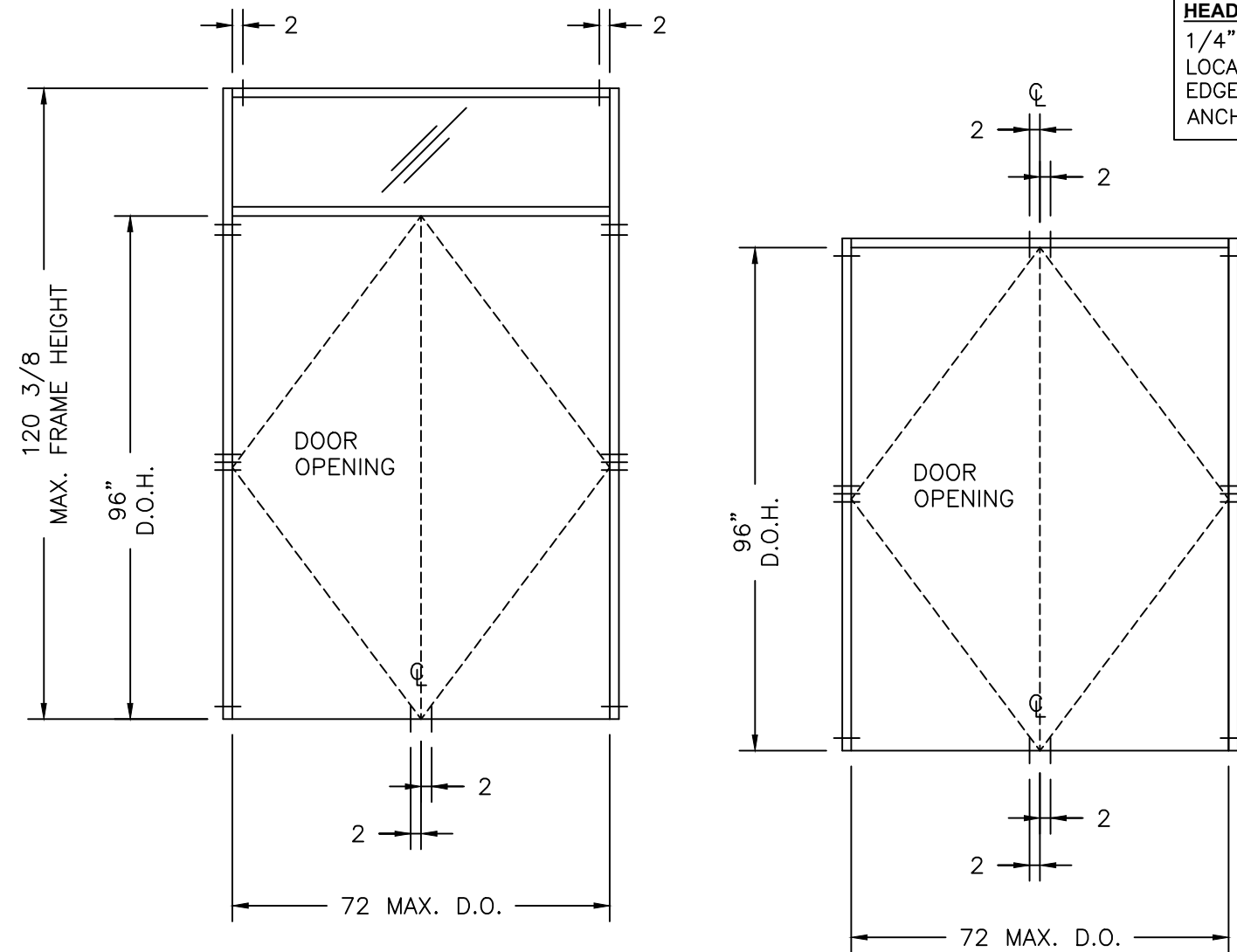
FOR DOOR FRAMES WITHOUT SIDELITES, ANCHORING SHALL BE DUPLICATED ON BOTH JAMBS AS SHOWN (PAIRS AND/ OR SINGLES).

DOOR FRAME JAMB ANCHORS	
1/4-14 X 2-1/2" TEK 3 HEX OR FLAT HEAD SCREWS	
LOCATION	SPACING
FROM BOTTOM OF FRAME (1) TOTAL	2-3/8"
FROM CENTERLINE (3) TOTAL	1-1/2" ABOVE CENTERLINE AT CENTERLINE 1-1/2" BELOW CENTERLINE
FROM BOTTOM OF TRANSOM (2) TOTAL	1-5/8", 4-5/8"
FROM BOTTOM OF DOOR HEADER (1) TOTAL	1-5/8"

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

THRESHOLD ANCHORS	
1/4" X 2-1/2" FHP SCREW OR EQUAL – 1-3/4" MINIMUM EMBEDMENT, 2-1/2" MIN. EDGE DISTANCE	
SINGLE DOORS UP TO 48" (2 ANCHORS TOTAL)	(1) 2" FROM LEFT SIDE OF CENTER LINE OF DOOR OPENING
	(1) 2" FROM RIGHT SIDE OF CENTER LINE OF DOOR OPENING
PAIRS DOORS UP TO 96" (2 ANCHORS TOTAL)	(1) 2" FROM LEFT SIDE OF CENTER LINE OF DOOR OPENING
	(1) 2" FROM RIGHT SIDE OF CENTER LINE OF DOOR OPENING

REFER TO FL500 AND/OR FL550 FOR USE WITH SIDELITES



TYPICAL INSTALLATION INTO
LIGHT GAUGE STEEL SUBSTRATE
MIN. 18 GAUGE

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

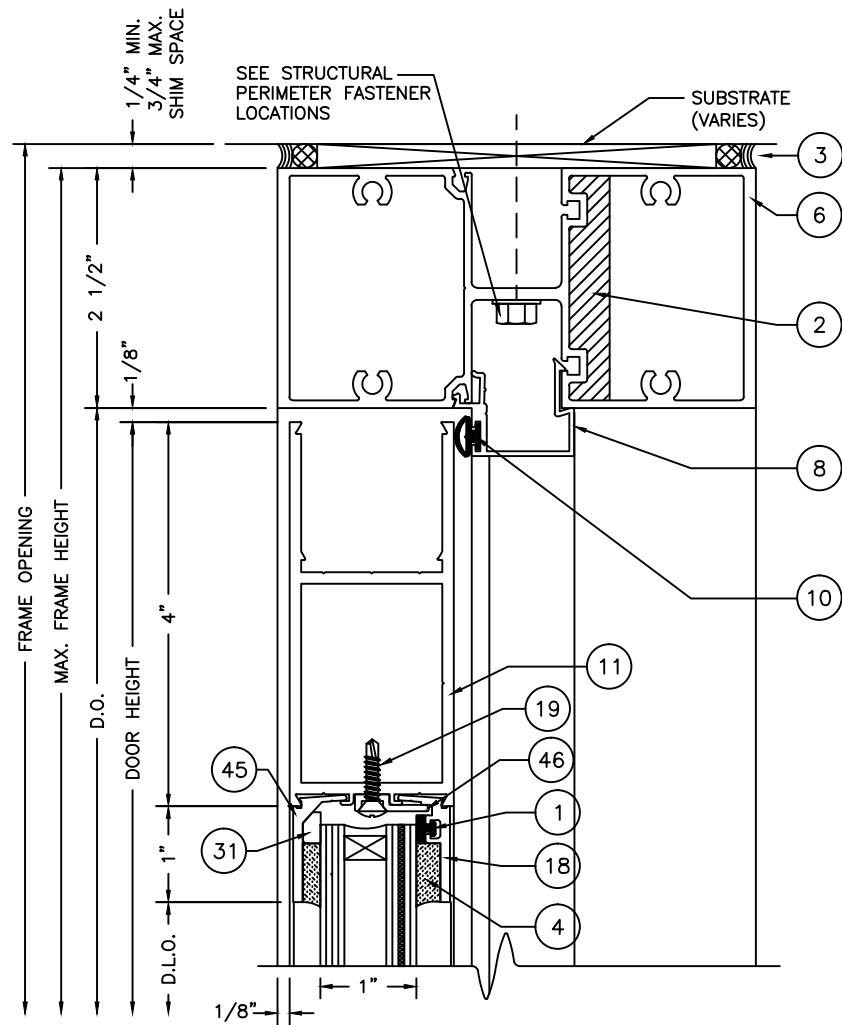
1/4" X 2-1/2" TEK 3 SCREW.

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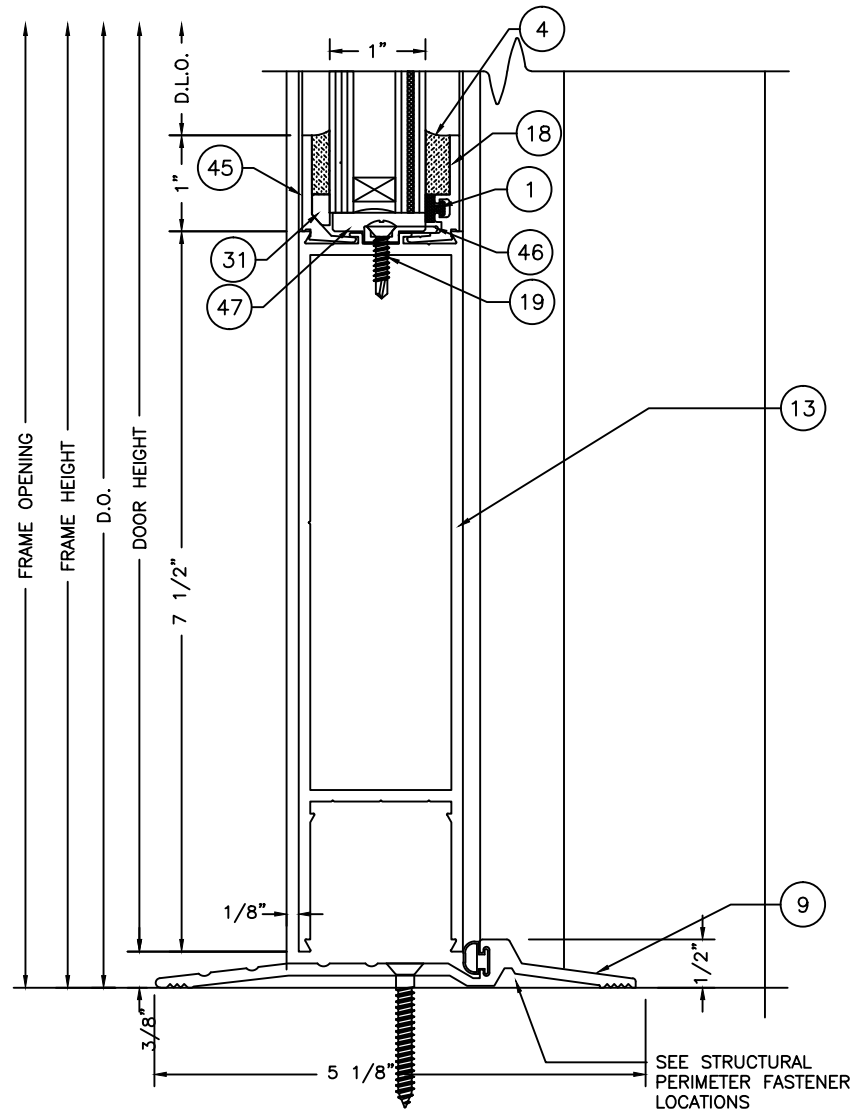
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DRAWINGS MS381 WET GLAZED DOORS
LIGHT GAUGE STEEL ANCHOR CHART

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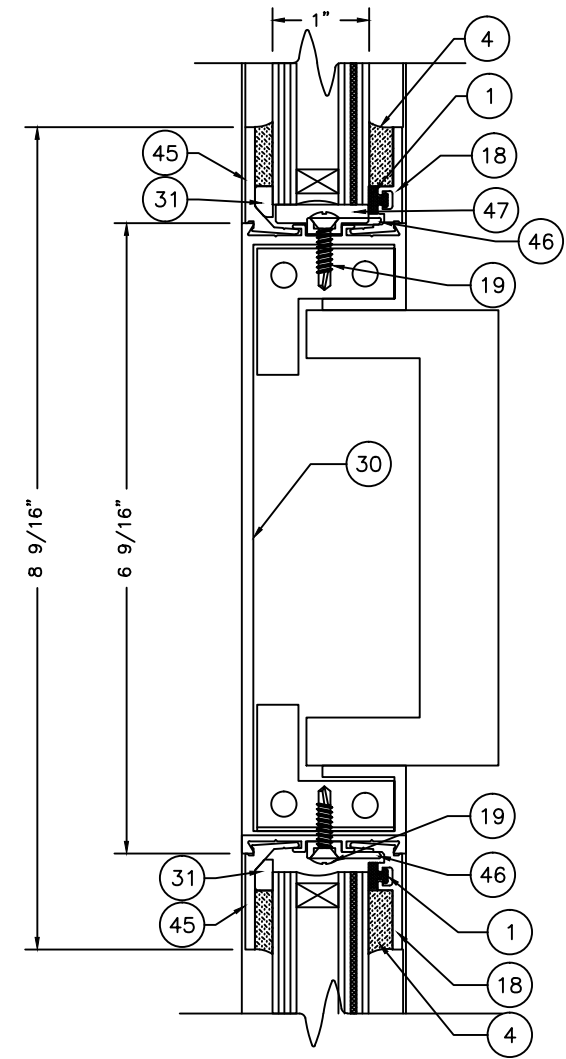




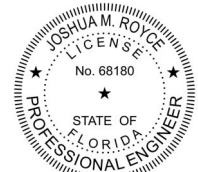
4 DOOR HEADER
8 SCALE: 6" = 1'-0"



5 THRESHOLD
8 SCALE: 6" = 1'-0"



6 MID-PANEL PANIC
8 SCALE: 6" = 1'-0"



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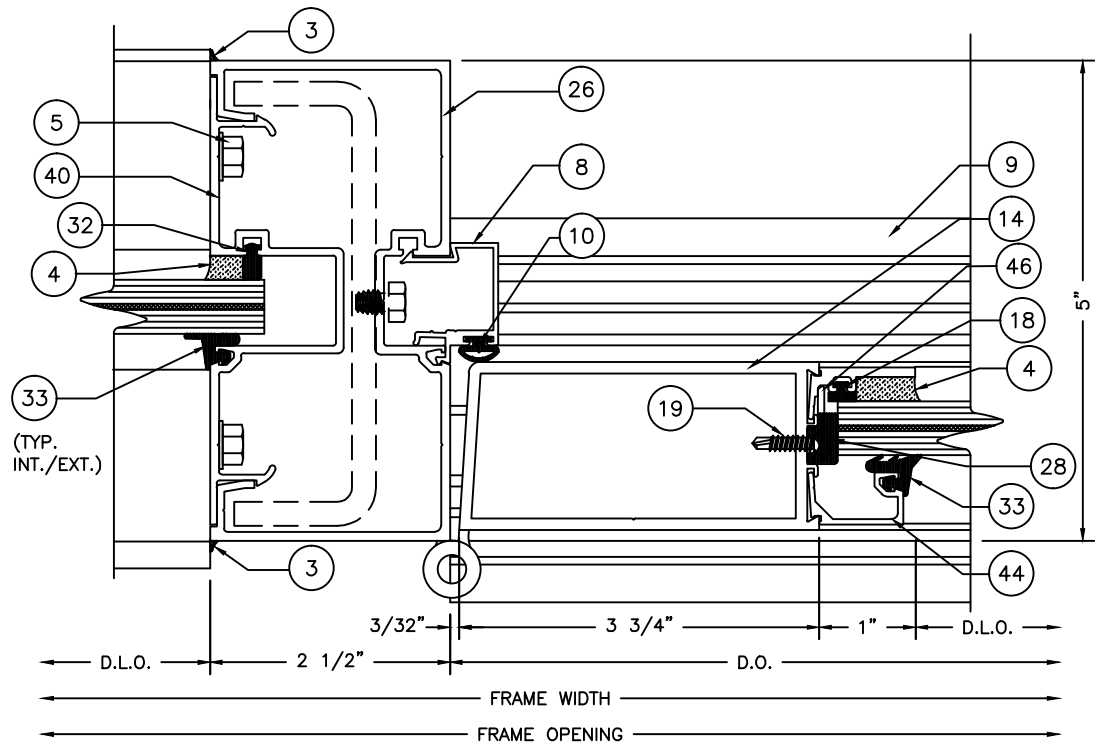
Josh Royle
Digital Signed by: Josh Royle

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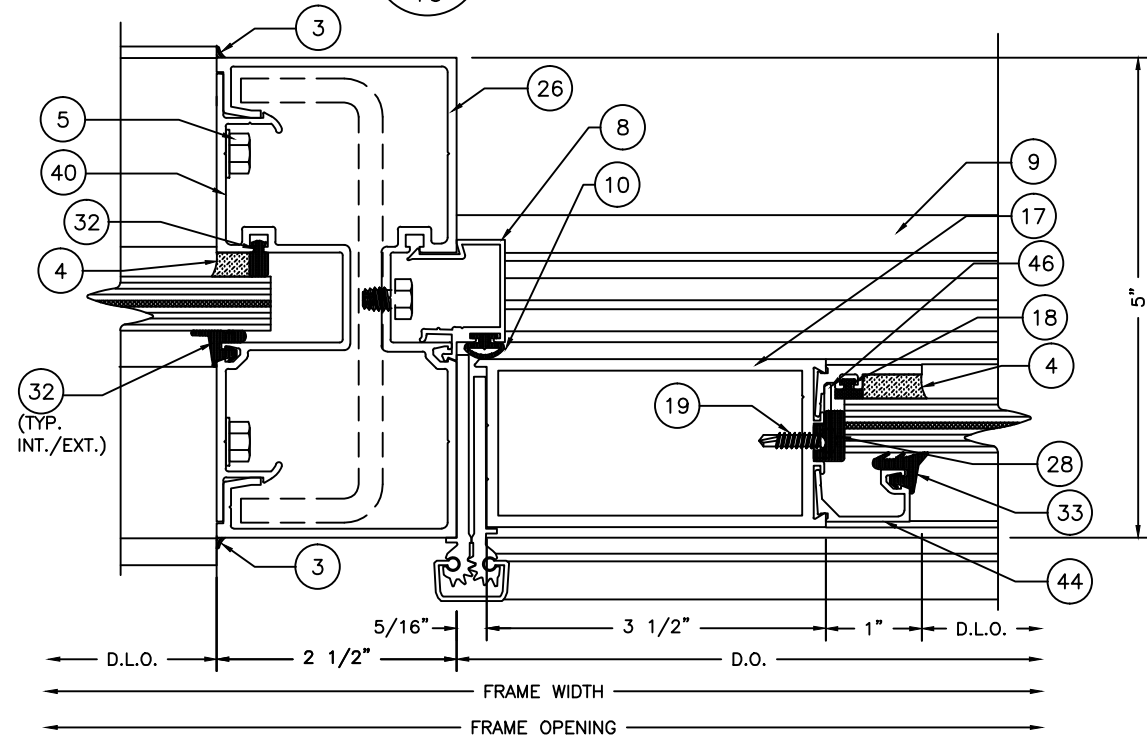
FLORIDA PRODUCT APPROVAL
DRAWINGS MS381 WET GLAZED DOORS

FRAMING DETAILS

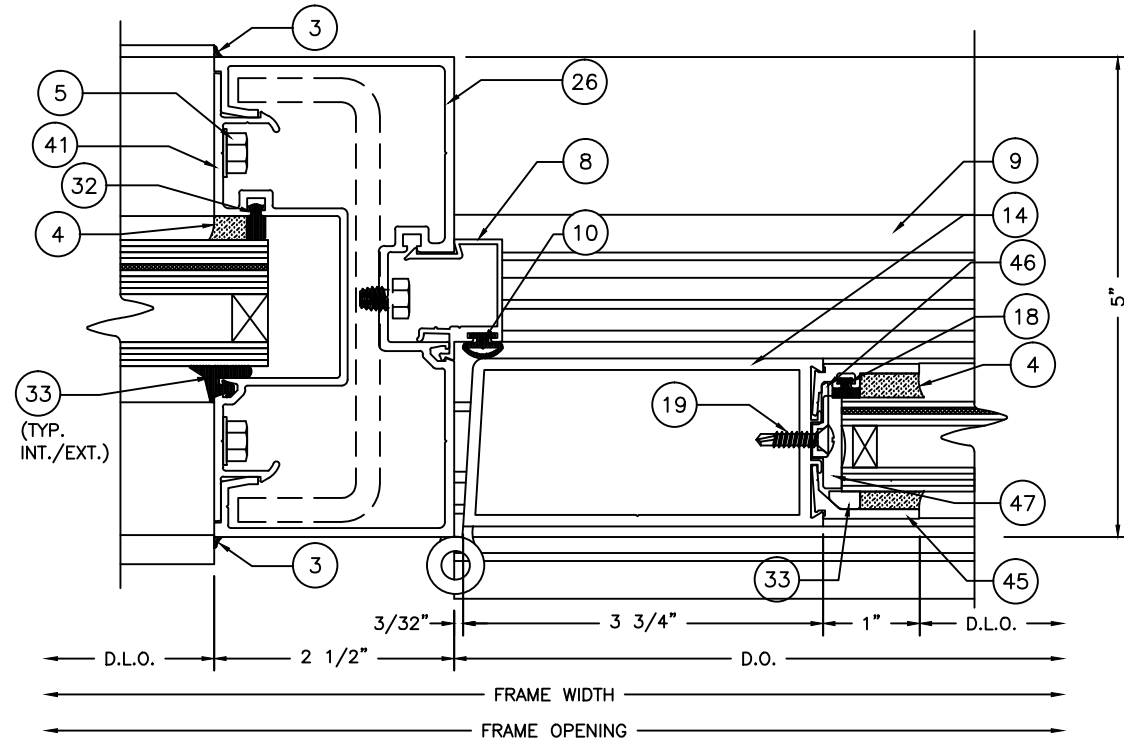
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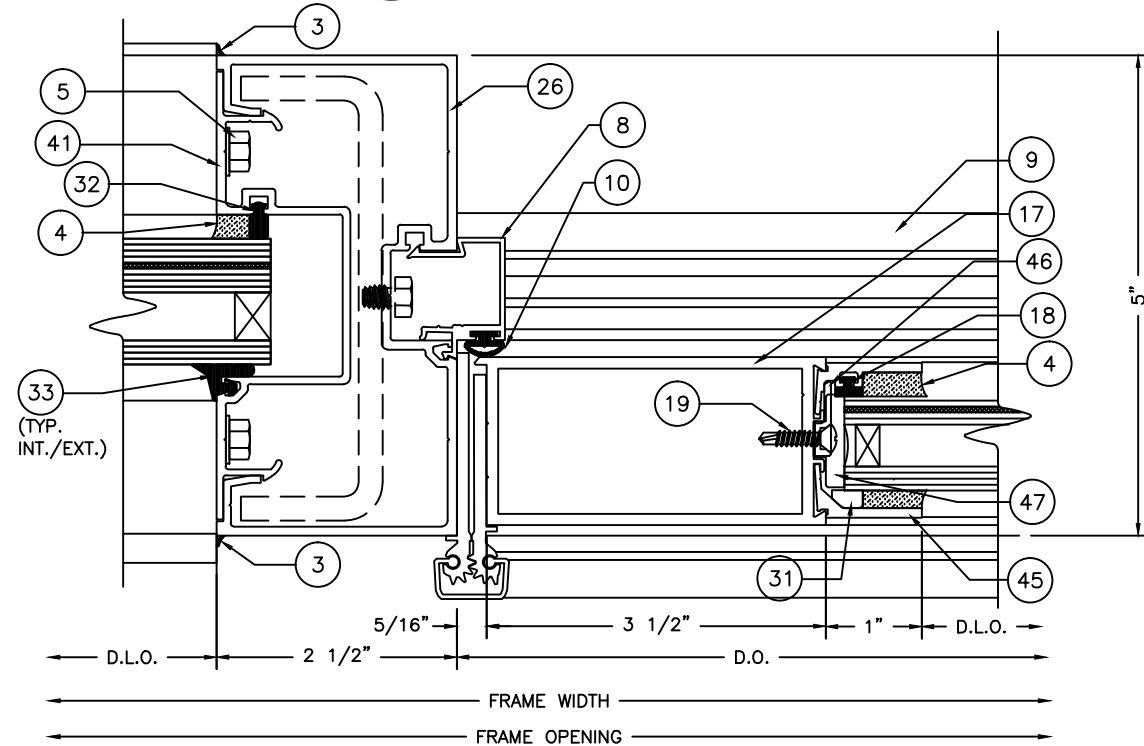
11 DOOR JAMB
10 SCALE: 6" = 1'-0"



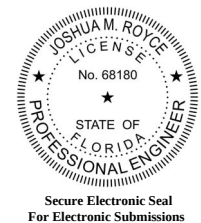
12 DOOR JAMB
10 SCALE: 6" = 1'-0"



13 DOOR JAMB
10 SCALE: 6" = 1'-0"



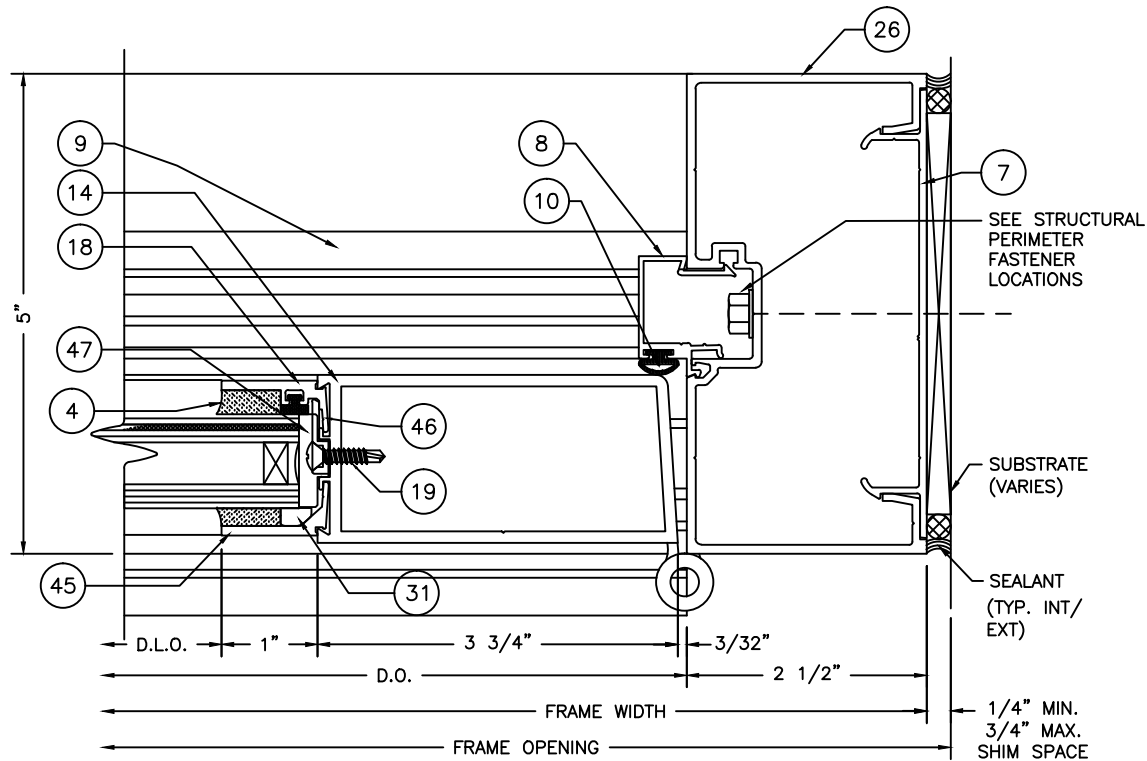
14 DOOR JAMB
10 SCALE: 6" = 1'-0"



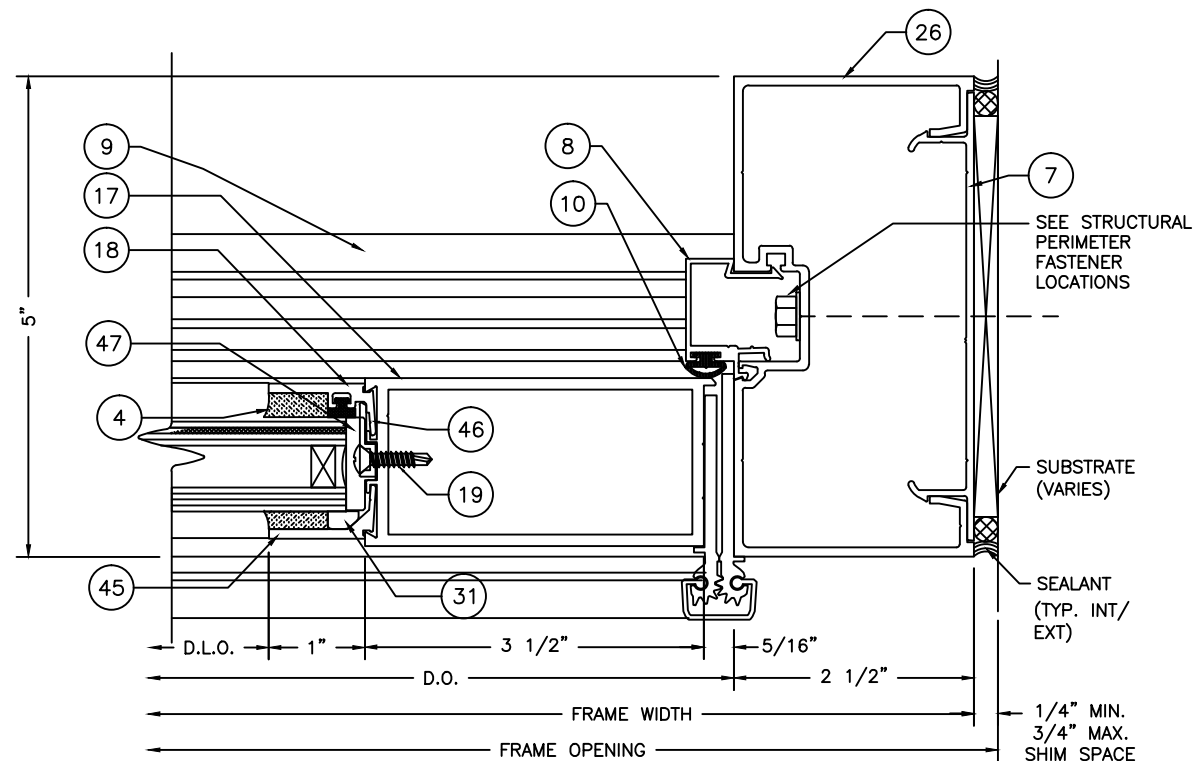
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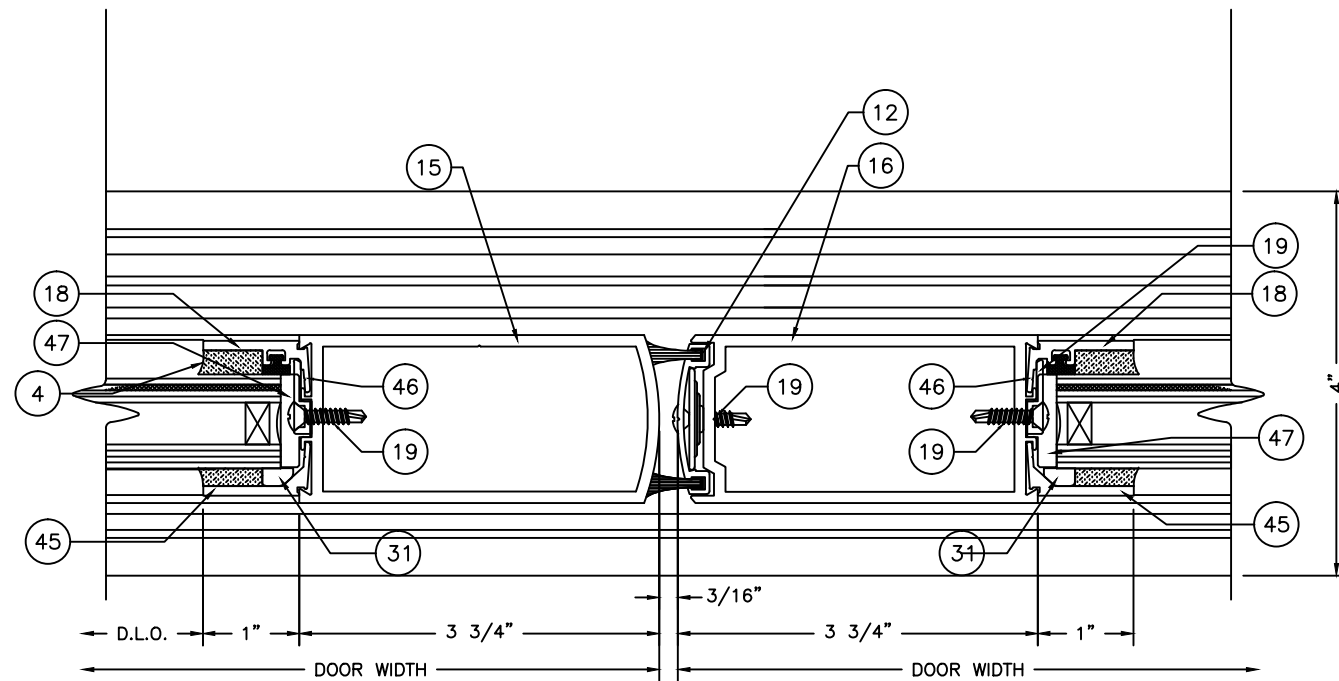
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18 DOOR JAMB
12 SCALE: 6" = 1'-0"



19 DOOR JAMB
12 SCALE: 6" = 1'-0"



20 MEETING STILES
12 SCALE: 6" = 1'-0"

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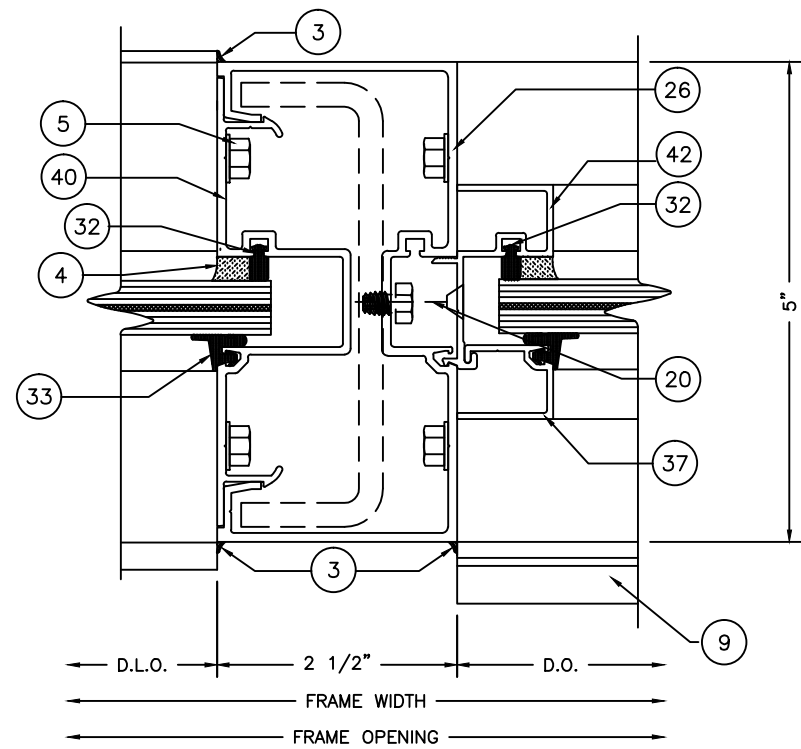
FLORIDA PRODUCT APPROVAL
DRAWINGS MS381 WET GLAZED DOORS
FRAMING DETAILS



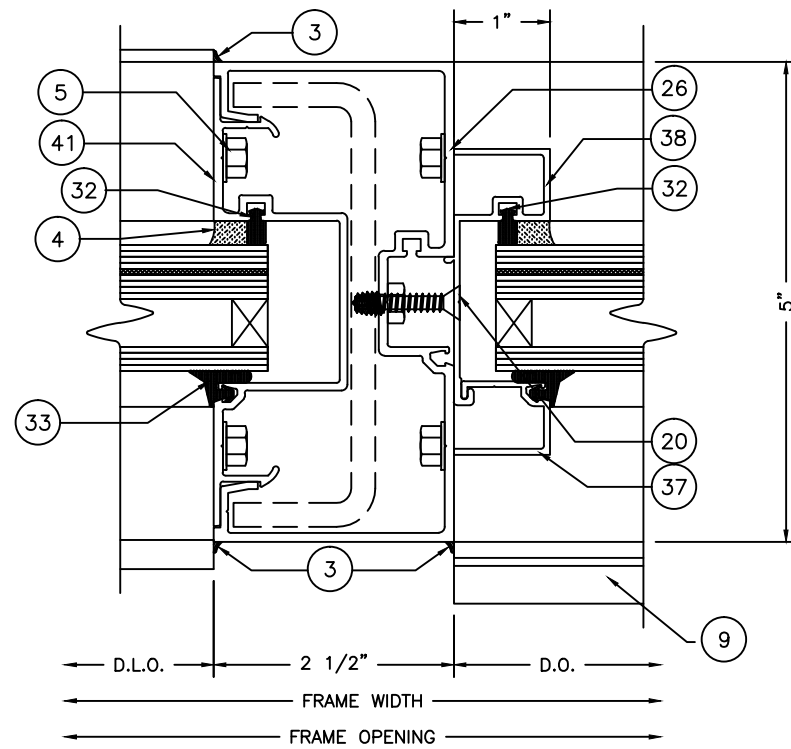
Secure Electronic Seal
For Electronic Submissions

J. Royle
Digital Signed by: Josh Royle

DATE	3/18/2019		
DRAWN	CHECKED	APPROVED	
DEG	W/S	EAB	
PROJECT NO.			
DRAWING NO.	MS381_8		
SHEET	12 OF 18		



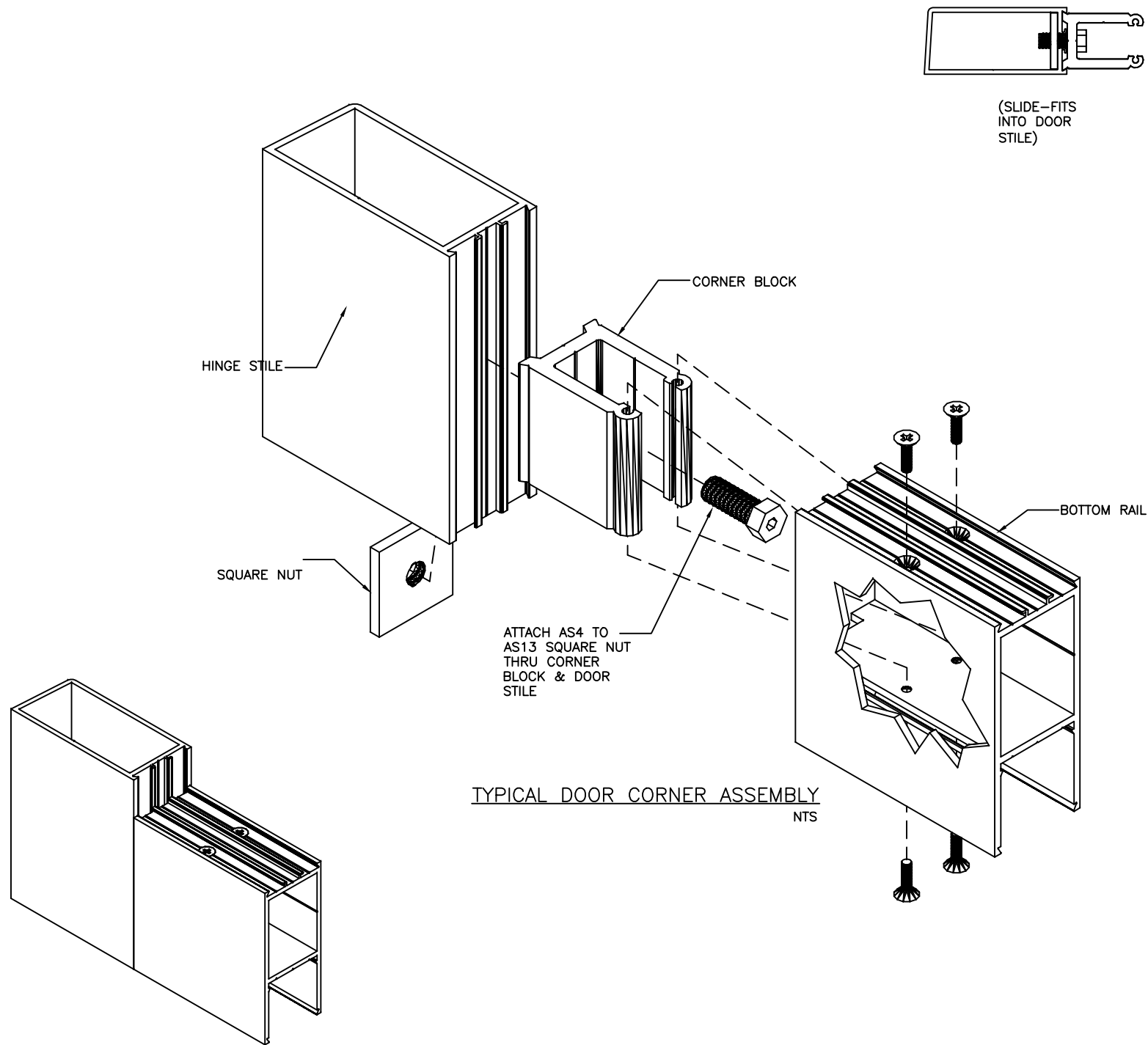
21 TRANSOM JAMB
13 SCALE: 6" = 1'-0"



22 TRANSOM JAMB
13 SCALE: 6" = 1'-0"



FLORIDA PRODUCT APPROVAL DRAWINGS MS381 WET GLAZED DOORS				CORAL INDUSTRIES ARCHITECTURAL PRODUCTS 3010 RICE MINE RD TUSCALOOSA, AL 35406 PHONE 1-800-772-7737 FAX 1-800-443-6261 WWW.CORALIND.COM			
DATE 3/18/2019				REV BY DATE			
DRAWN DEG				CHECKED W/S			
APPROVED EAB				DESCRIPTION			
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SHEET 13 OF 18				FRAMING DETAILS			



CORAL INDUSTRIES ARCHITECTURAL PRODUCTS 3010 RICE MINE RD TUSCALOOSA, AL 35406 PHONE 1-800-772-7737 FAX 1-800-443-6261 WWW.CORALIND.COM				REV	BY	DATE	DESCRIPTION

BILL OF MATERIALS

ITEM NO	P/N	DESCRIPTION	DIMENSIONS	MATERIAL	MANUFACTURER	NOTES
1	NG13	INTERIOR DOOR GASKET	.120 SPACE	EPDM	VARIES	MEETS ASTM C864
2	SM5601	JOINT SEALANT TAPE	.50 X .125 X VARIES	BUTYL	SCHNEE-MOOREHEAD	
3	795	SILICONE-PERIMETER SEALANT	FILL SPACE	SILICONE	DOW CORNING	USED AT PERIMETER
4	995	SILICONE-GLASS TO METAL	FILL SPACE	SILICONE	DOW CORNING	GLASS TO METAL
5	AS16	FASTENER	#14 X 1 HHSTS	STEEL	VARIES	TYPICAL SPLINE SCREW VERTICAL/HORIZONTAL JOINTS
6	FL507	DOOR HEADER	2.5 X 4.98 X .080	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
7	FL515	FLAT FILLER AT DOOR JAMB	.681 X 4.67 X .080	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	RUNS FULL LENGTH OF DOOR JAMB AT WALL
8	DS501	DOOR STOP	1.012 X .882 X 1.258	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
9	TH5	THRESHOLD	.50 X 5.00 X .125	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
10	NG5	BULB GASKET FOR DS500	.260 X SPACE	EPDM	CORAL INDUSTRIES, INC.	
11	D102	DOOR-TOP RAIL	4.000 X 1.71 X .120	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
12	D106	DOOR-ADJUSTABLE ASTRAGAL	.331 X 1.562	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
13	D108	DOOR-BOTTOM RAIL	7.5 X 1.71 X .12	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
14	D110	DOOR-HINGE STILE	3.75 X 1.75 X .120	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
15	D111	DOOR-INACTIVE MEETING STILE	3.75 X 1.75 X .120	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
16	D112	DOOR-ACTIVE MEETING STILE	6.614 X 1.75 X .120	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
17	D140	DOOR-GEAR HINGE STILE	3.531 X 1.75 X .120	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
18	DG501	DOOR GLASS STOP	1.114 X .539 X .298	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
19	AS7	FASTENER	#8 X 3/4" POH S.D.	STEEL	VARIES	
20	AS18	FASTENER	#10 X 1-1/4" FHP	S. STEEL	VARIES	ATTACH DS500 TO FL504
21	AS54	3/4" X 3/8" CAP SCREW	3/8" X 3/4" HCS	STEEL	VARIES	ATTACH CORNER BLOCKS
22	CB102	DOOR-CORNER BLOCK	2.130 X 1.54 X .25	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	CUT 2.032 LONG
23	WS100	DOOR SWEEP	.812 X .302 X .125	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	CUT TO DOOR OPENING WIDTH (LESS CLEARANCE)
24	WP106	WEATHERING- D106 ADJUSTABLE ASTRAGAL	VARIABLE SPACE	WOOL PILE	VARIES	DOUBLE ROW-FULL LENGTH OF ASTRAGAL
25	VG1	WEATHERING FOR WS100	1.142 X .120 X .06	SOFT VINYL	CORAL INDUSTRIES, INC.	CUT TO DOOR OPENING WIDTH (LESS CLEARANCE)
26	FL504	DOOR JAMB	2.5 X 4.98 X .080	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
27	SP100	ADJUSTABLE ASTRAGAL SPRING	VARIABLE SPACE	ALUM	VARIES	
28	SB11	DOOR-SETTING/EDGE BLOCK	.319 X .523 X 4"	EPDM	VARIES	
29	AS39	ATTACHMENT SCREW	#8 X 1.5 FHP	S. STEEL	VARIES	ATTACH SASH TO HEADER/JAMBS
30	D125	MID-PANEL PANIC	5.6875 X 1.75	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
31	NG18	WEDGE IN GLAZING GASKET	0.25 X 0.3125	EPDM	VARIES	USED WITH INSULATED GLASS
32	NG14	INTERIOR GASKET	0.120 SPACE	EPDM	VARIES	MEETS ASTM C864
33	NG1	EXTERIOR GLAZING GASKET	0.120 SPACE	EPDM	VARIES	MEETS ASTM C864
34	FL501	HEAD	2.500 X 5.000 X 0.094	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
35	SB13	SETTING BLOCK	0.800 X 0.688 X 4.000	EPDM	VARIES	2 PER LITE
36	FL551	HEAD	2.500 X 5.000 X 0.094	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
37	FL518	TRANSOM GLASS STOP	0.767 X 0.872 X 0.062	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
38	FL567	TRANSOM SASH (1-5/16")	2.669 X 1.000 X 0.062	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
39	SB7	SETTING BLOCK	1.25 X 0.313	EPDM	VARIES	
40	FL505	9/16" OPEN BACK MULLION FILLER	0.681 X 4.670 X 0.080	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
41	FL555	1-5/16' OPEN BACK MULLION FILLER	.681 X 4.670 X 0.080	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
42	FL517	TRANSOM SASH (9/16")	1.980 X 1.000 X 0.062	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
43	AS1	FASTENER	#10 X 3/4" FHPMS	STEEL	VARIES	
44	DG502	DOOR GLASS STOP	.542 X0.989 X .298	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
45	DG505	DOOR GLASS STOP	1.115 X .559 X .204	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
46	CS501	GLASS STOP CLIP	.769 X .174 X .070	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
47	SB1	SETTING BLOCK	0.965 X 0.319	EPDM	VARIES	

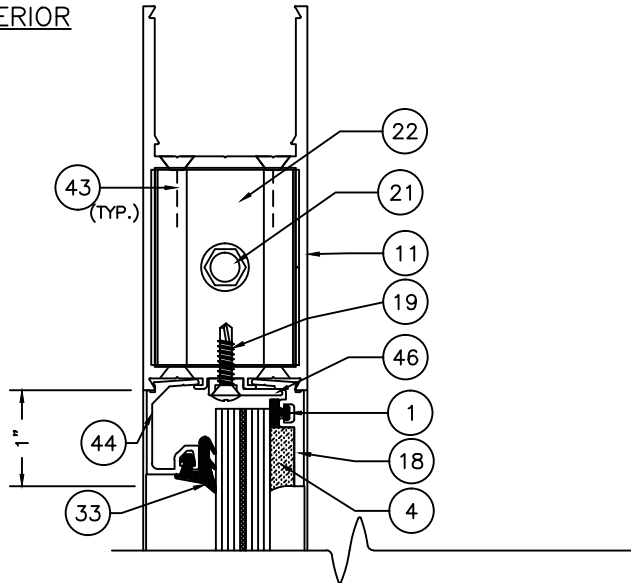
CORAL INDUSTRIES
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FLORIDA PRODUCT APPROVAL
DRAWINGS MS381 WET GLAZED DOORS
BILL OF MATERIALS



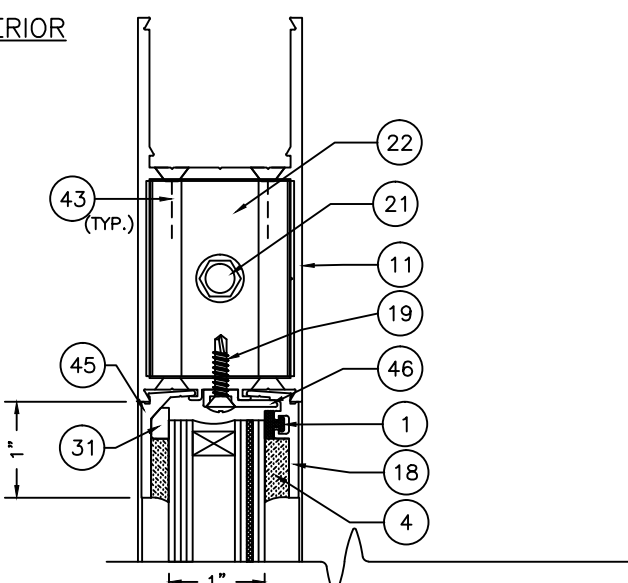
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EXTERIOR



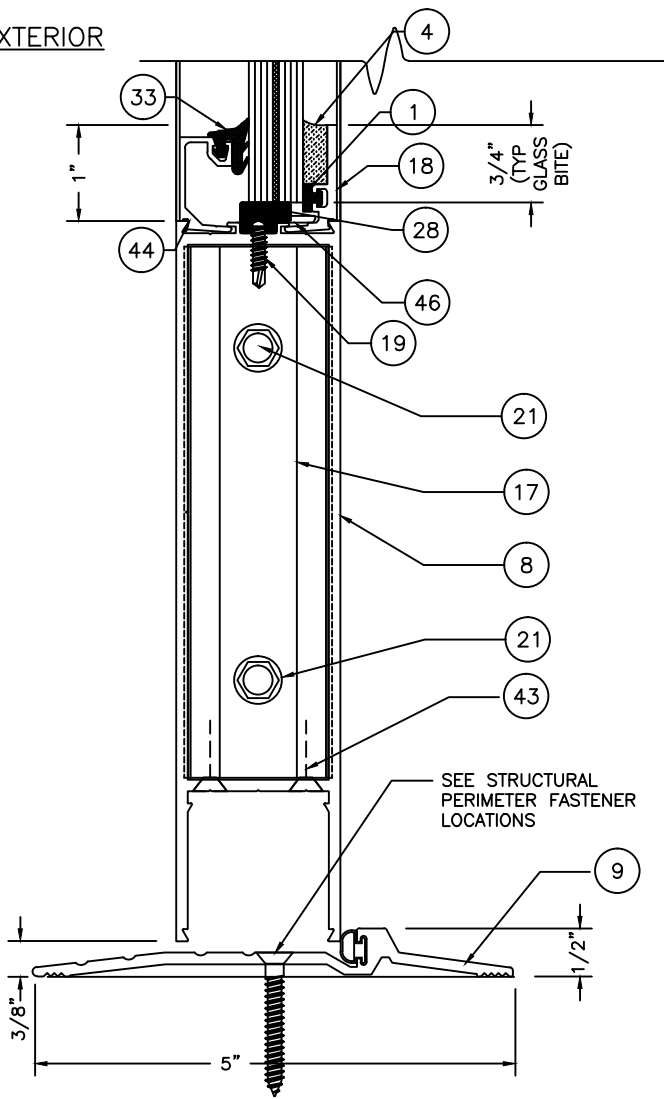
GLAZING DETAIL - TOP RAIL

EXTERIOR



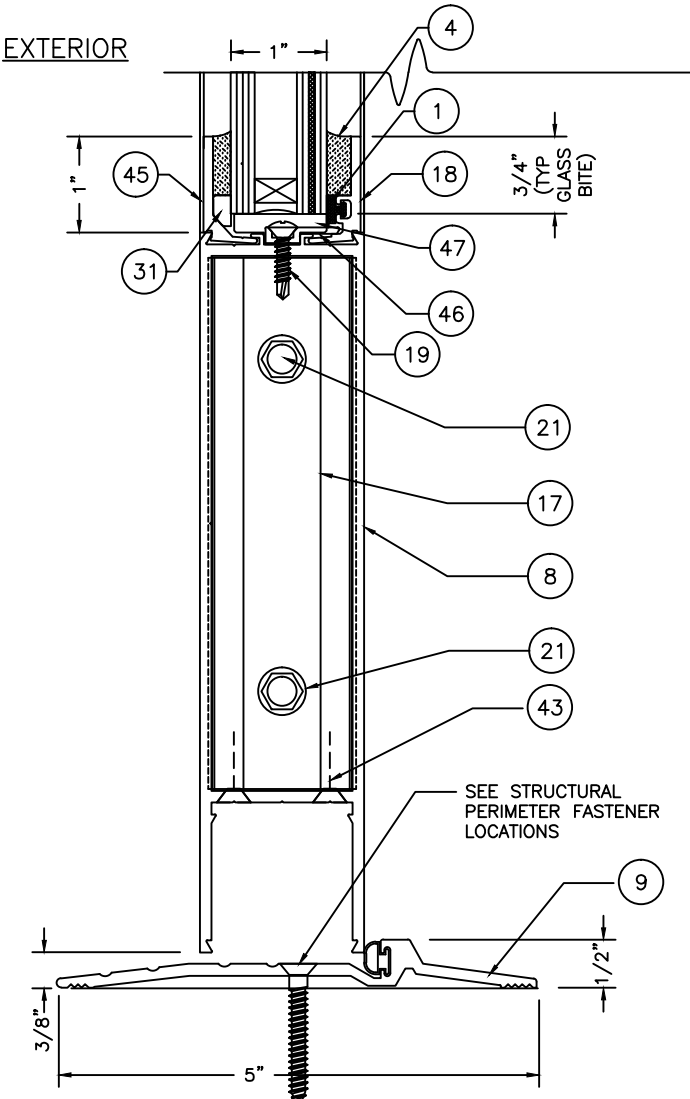
GLAZING DETAIL - TOP RAIL

EXTERIOR



GLAZING DETAIL - BOTTOM RAIL

EXTERIOR



GLAZING DETAIL - BOTTOM RAIL

OPTIONS AND LIMITATIONS			
GLASS MARK SYMBOL	DESIGN PRESSURE P.S.F.	MAX. D.O. (INCHES) PAIR	MAX D.O. (INCHES) SINGLE
A	+60/-60	72 X 96	42 X 96
B	+60/-60	72 X 96	42 X 96
C	+60/-60	72 X 96	42 X 96
D	+60/-60	72 X 96	42 X 96
TYPICAL DOOR GLASS SIZE = DLO + 1-1/2"			

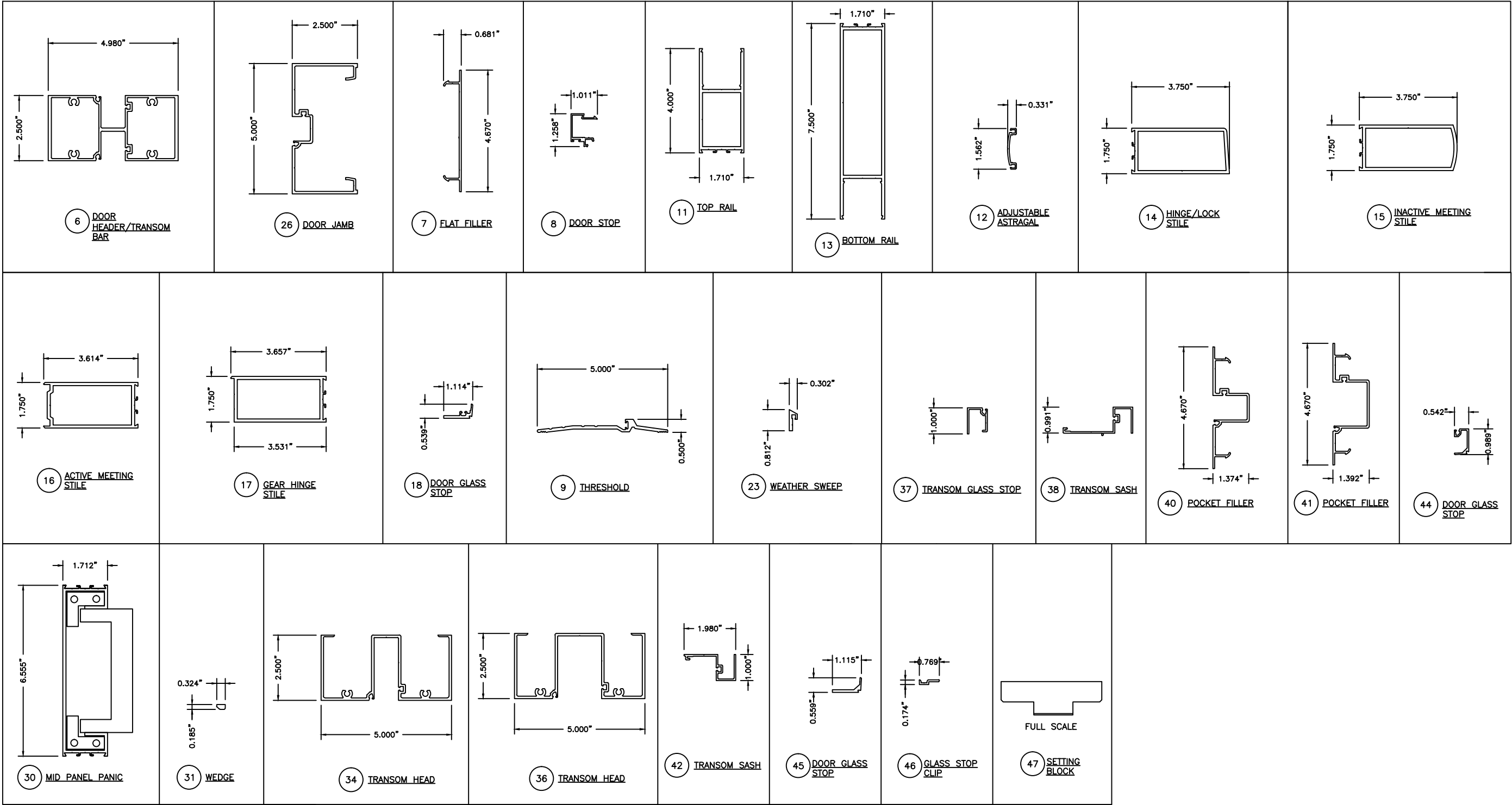
GLAZING SCHEDULE		
GLASS MARK SYMBOL	GLASS TYPE	MANUFACTURER
A	.25HS X VS02(VANCEVA) .075 X .25HS	SOULTIA
B	.25HS X .090 SAFLEX X .25HS	SOULTIA
C	.25HS X .090 SENTRY GLAS X .25HS	KURARAY
D	.25HS X .090 BUTICITE X .25HS	KURARAY
GLAZING SCHEDULE - INSULATED		
GLASS MARK SYMBOL	GLASS TYPE	MANUFACTURER
IAD	3/16" TEMPERED X 1/4" ABS X 3/16" HS X VS02(VANCEVA) .075 X 1/4" HS	SOULTIA
IBD	3/16" TEMPERED X 1/4" ABS X 3/16" HS X .090 SAFLEX X 1/4" HS	SOULTIA
IDD	3/16" TEMPERED X 1/4" ABS X 3/16" HS X .090 SENTRY GLAS X 1/4" HS	KURARAY
IED	3/16" TEMPERED X 1/4" ABS X 3/16" HS X .090 BUTICITE X 1/4" HS	KURARAY

NOTE: ALL INSULATED GLASS MUST USE ALUMINUM BOX SPACERS

GLASS TYPE ABBREVIATIONS:
T TEMPERED
HS HEAT STRENGTHENED
ABS ALUMINUM BOX SPACER



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FLORIDA PRODUCT APPROVAL DRAWINGS MS381 WET GLAZED DOORS GLASS TYPES AND GLASS BITE DETAILS		
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FLORIDA PRODUCT APPROVAL
DRAWINGS MS381 WET GLAZED DOORS
DIE DRAWINGS

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