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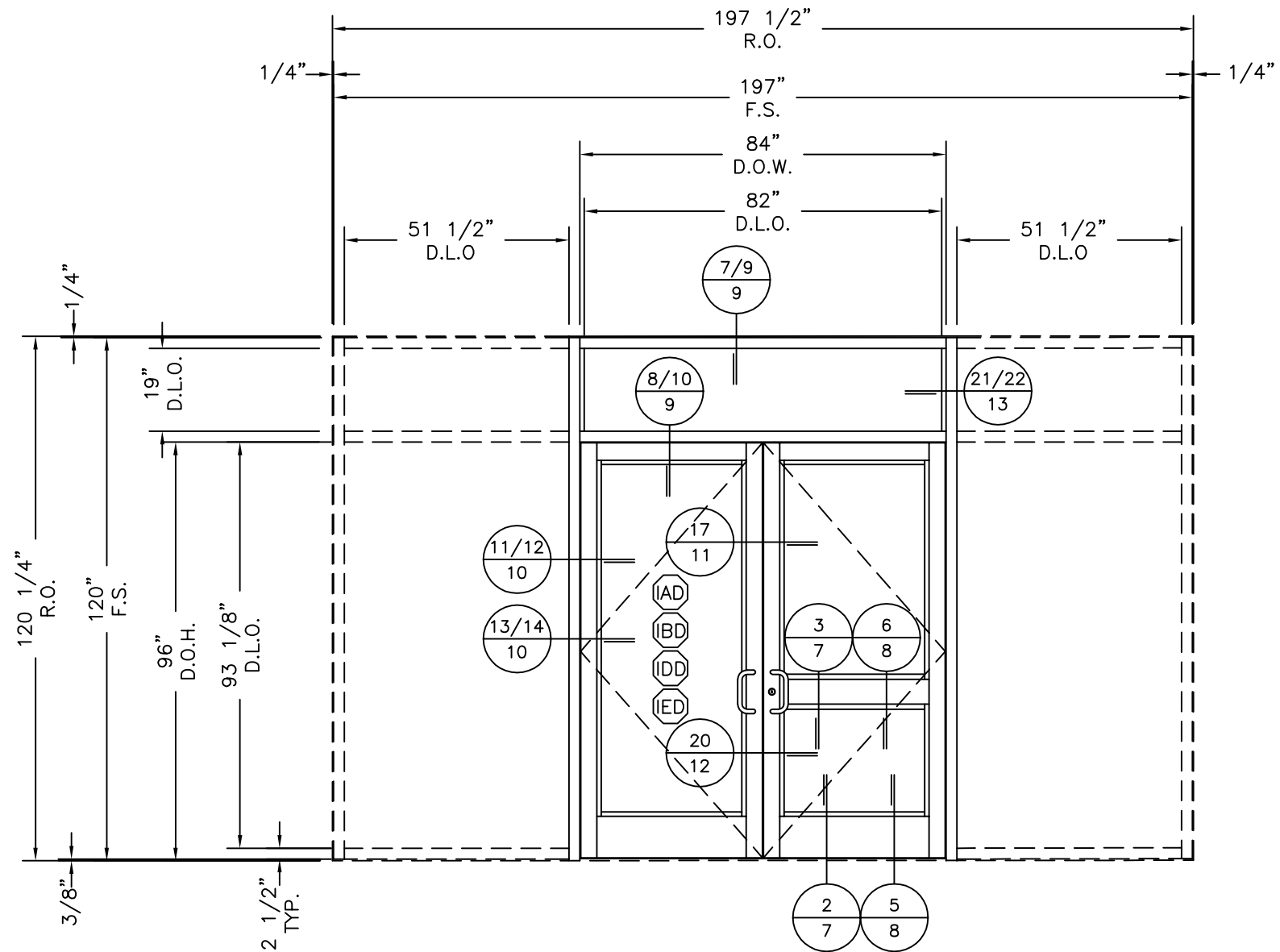
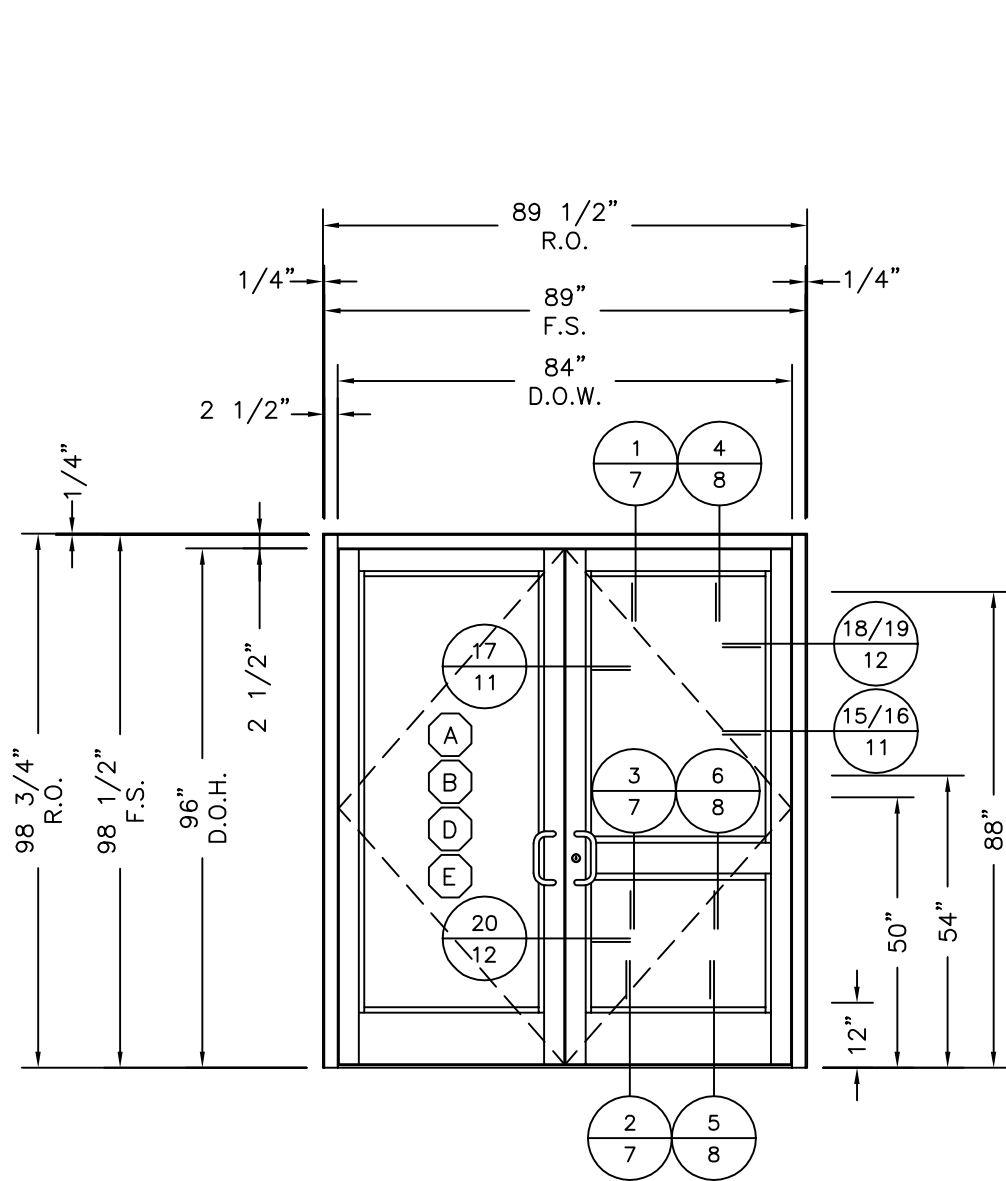
CORAL INDUSTRIES
ARCHITECTURAL PRODUCTS
3010 RICE MINE RD
TUSCALOOSA, AL 35406

PHONE 1-800-772-7737
FAX 1-800-443-6261
WWW.CORALIND.COM

FLORIDA PRODUCT APPROVAL
DRAWINGS WS581 WET GLAZED DOORS

INDEX TO DRAWINGS AND NOTES

DATE 12/20/2016		
DRAWN DEG	CHECKED WS	APPROVED EAB
PROJECT NO.		
DRAWING NO. WS581_1		
SHEET 1 OF 18		



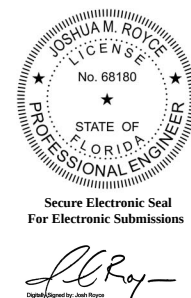
TYPICAL ELEVATIONS FOR SERIES 581 IMPACT OUT SWING DOORS AND F5/FT5 FRAMES

DESIGN PRESSURE = +70/-70 PSF

REFER TO APPROVAL DRAWINGS FOR FL500 AND/OR
FL550/FL550T 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 PAIR 84" X 96".
4. SEE SHEET 16 OF 18 FOR GLASS TYPES.



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FLORIDA PRODUCT APPROVAL
DRAWINGS WS581 WET GLAZED DOORS
TYPICAL ELEVATIONS AND ANCHOR
LOCATIONS

DATE	12/20/2016	
DRAWN DEG	CHECKED WS	APPROVED EAB
PROJECT NO.		
DRAWING NO. WS581_1		
SHEET 2 OF 18		

DESCRIPTION

DATE

REV

BY

DATE

REV

BY

DATE

REV

BY

DATE

REV

BY

DATE

REV

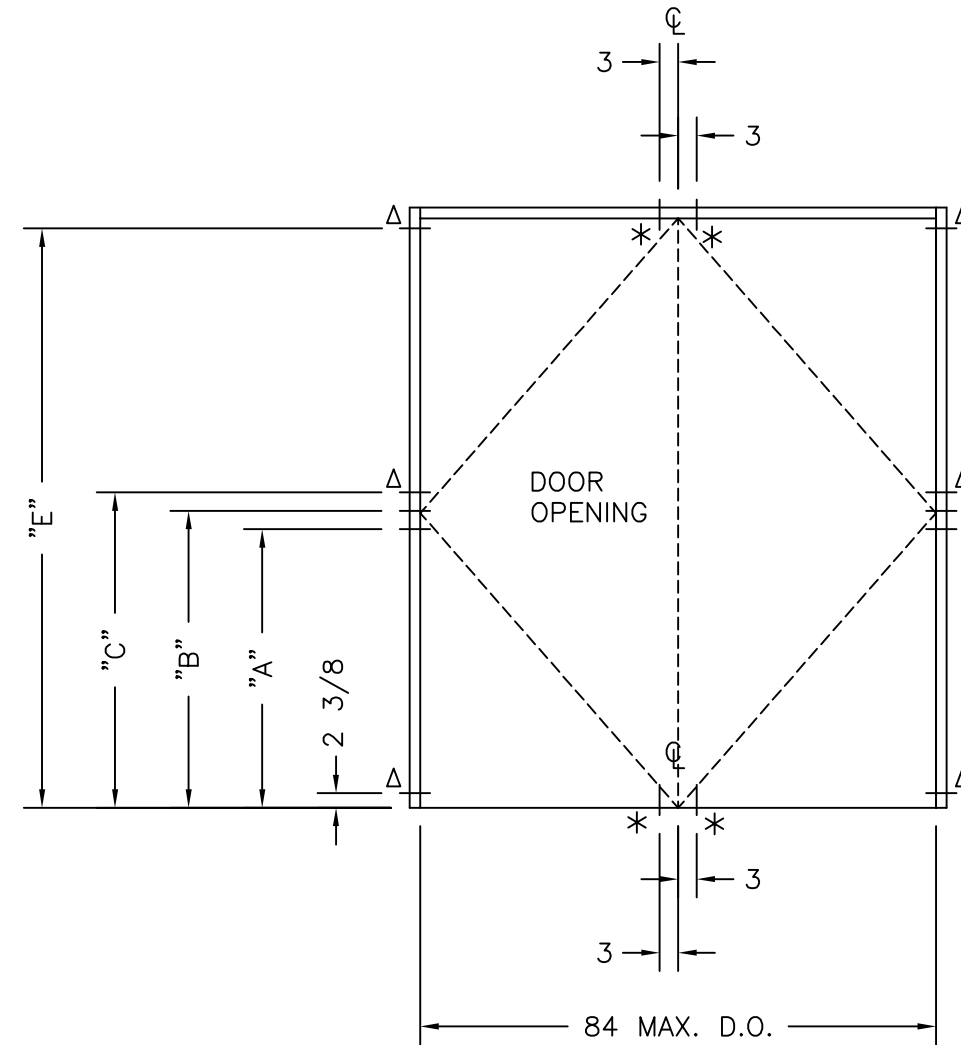
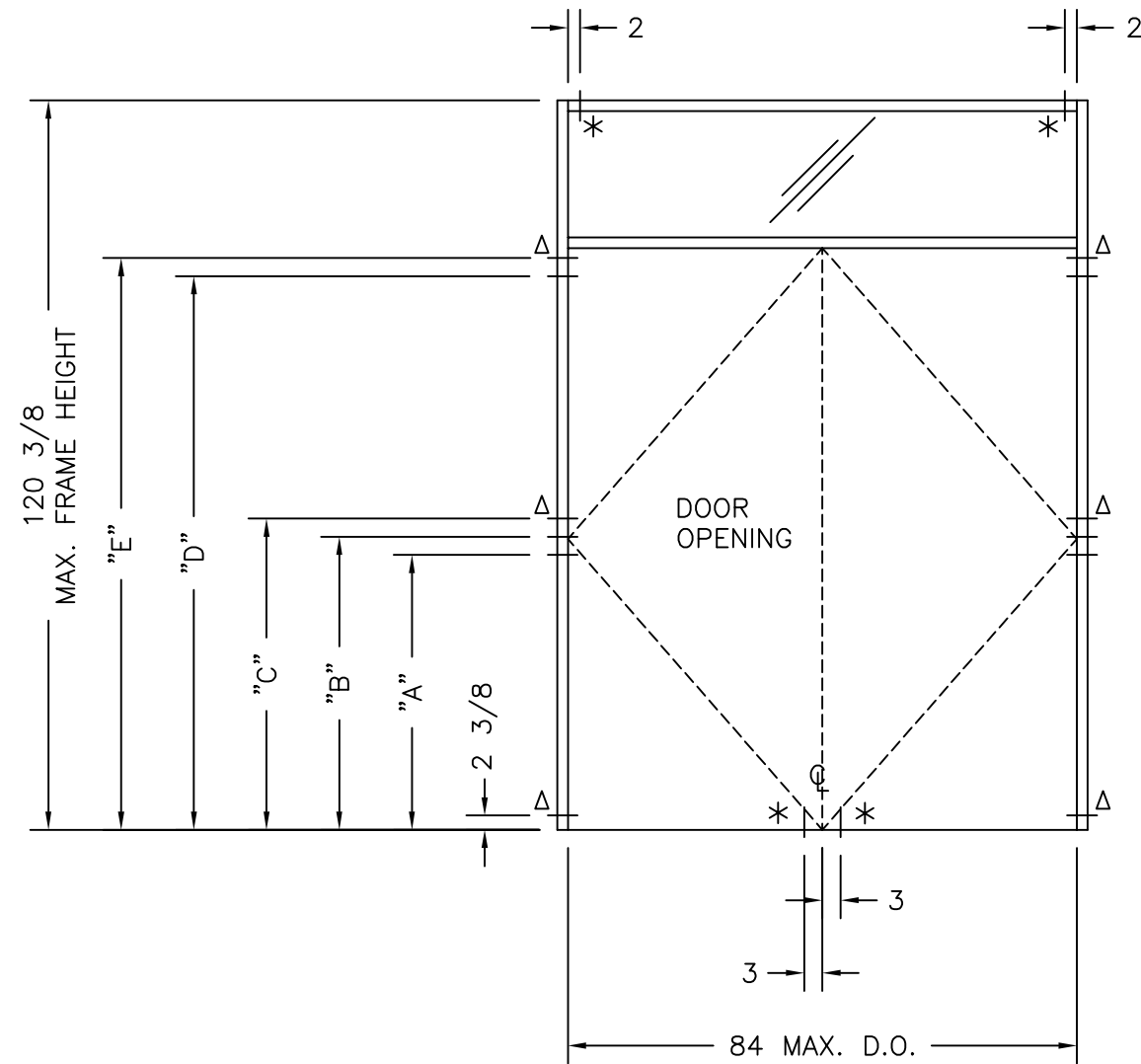
BY

DATE

REV

BY

DATE



EACH LINE REPRESENTS
ONE FASTENER

FASTENER LEGEND

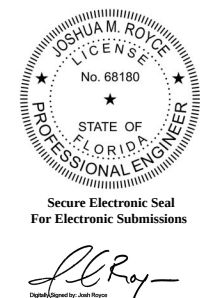
- Δ 1/4" TAPCON
1 3/4" MIN. EMBEDMENT
WITH FILLER PLATE FULL
LENGTH OF MULLION.
3" MIN. SPACING.
2-1/2" MIN. EDGE DISTANCE

- * 1/4" TAPCON
1 3/4" MIN. EMBEDMENT.

TYPICAL INSTALLATION INTO CONCRETE SUBSTRATE. MIN. 2500 P.S.I.

REFER TO FL500 AND/OR FL550/FL550T FOR USE WITH SIDELITES

STANDARD LENGTHS					
D.O. HEIGHT	"A"	"B"	"C"	"D"	"E"
84"	39 3/8"	42 3/8"	45 3/8"	—	82 3/8"
96"	45 3/8"	48 3/8"	51 3/8"	91 3/8"	94 3/8"

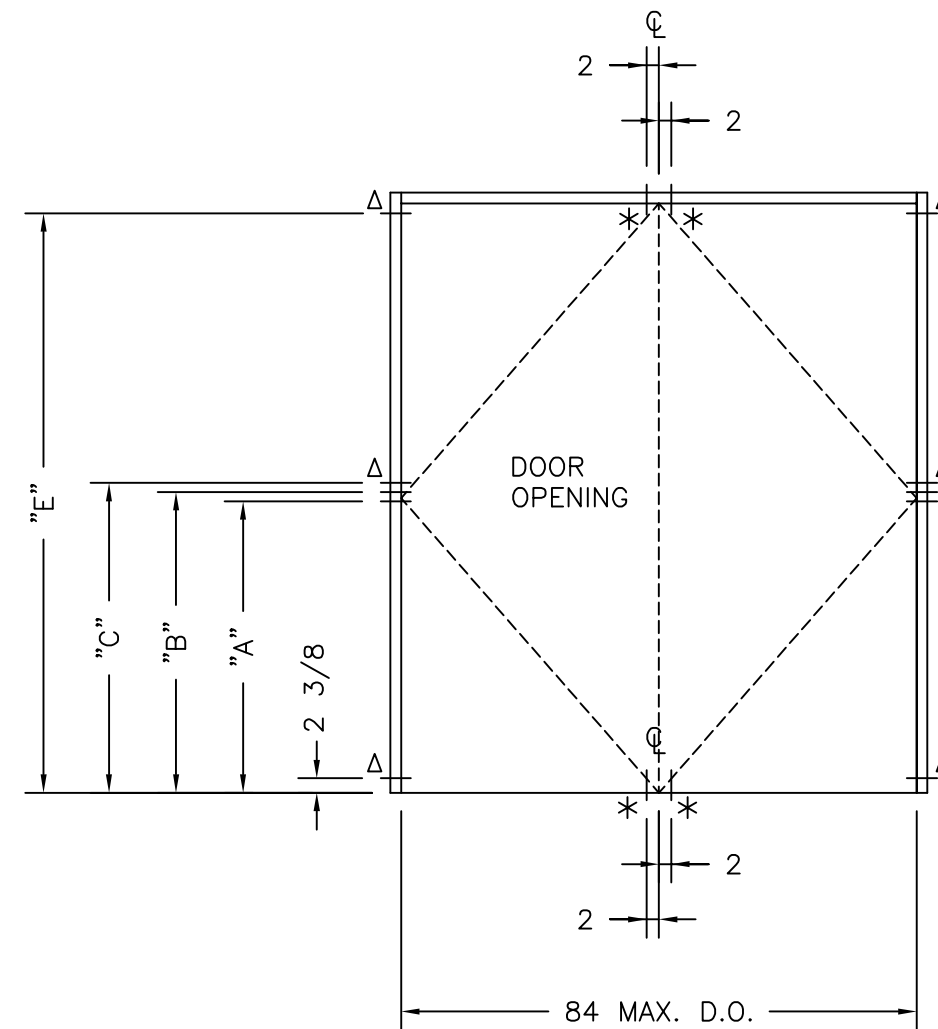
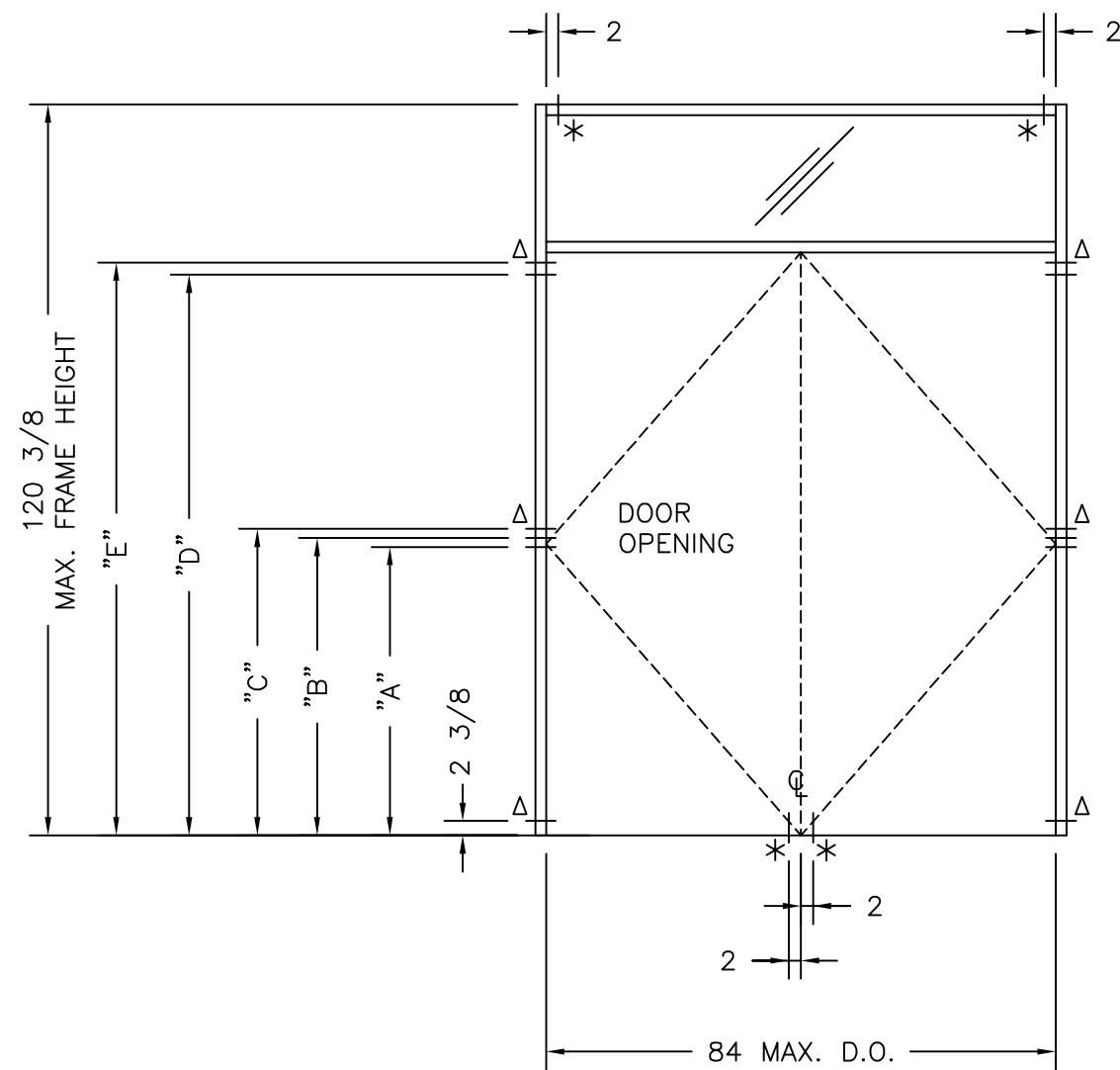


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FLORIDA PRODUCT APPROVAL
DRAWINGS WS581 WET GLAZED DOORS
CONCRETE ANCHOR CHART

DATE 12/20/2016
DRAWN DEG CHECKED WS APPROVED EAB
PROJECT NO.
DRAWING NO. WS581_1
SHEET 3 OF 18

REV BY DATE DESCRIPTION



  EACH LINE REPRESENTS
ONE FASTENER

TYPICAL INSTALLATION INTO
LIGHT GAUGE STEEL SUBSTRATE
MIN. 18 GAUGE

REFER TO FL500 AND/OR FL550/FL550T FOR USE WITH SIDELITES

FASTENER LEGEND

- Δ 1/4" TEK ANCHOR
WITH FILLER PLATE FULL
LENGTH OF MULLION.
1 1/2" MIN. SPACING.
- * 1/4" TEK ANCHOR

REFERENCE PAGE 3 OF 18 FOR THRESHOLD ANCHORS
INTO CONCRETE

**Secure Electronic Seal
For Electronic Submissions**

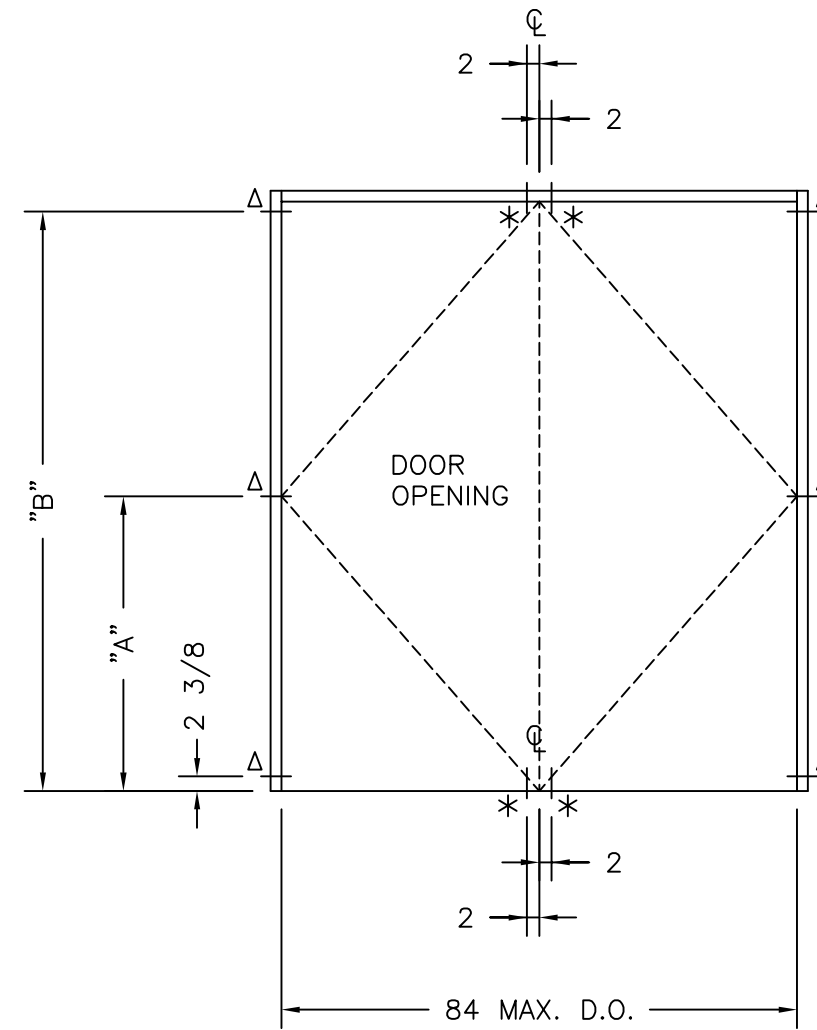
J M Royce

Original Issued on: 10/10/2010

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FLORIDA PRODUCT APPROVAL
DRAWINGS WS581 WET GLAZED DOORS
LIGHT GAUGE STEEL ANCHOR CHART

DATE 12/20/2016		
DRAWN DEG	CHECKED WS	APPROVED EAB
PROJECT NO.		
DRAWING NO. WS581_1		
SHEET 4 OF 18		



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

FASTENER LEGEND

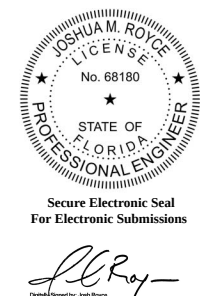
Δ 3/8"Ø HEX HEAD BOLT
WITH FILLER PLATE FULL
LENGTH OF MULLION.
1 1/2" MIN. SPACING.

* 1/4" TEK OR 1/4"-20 FOR THRESHOLD

REFERENCE PAGE 3 OF 18 FOR THRESHOLD ANCHORS
INTO CONCRETE

REFER TO FL500 AND/OR FL550/FL550T FOR USE WITH SIDELITES

STANDARD LENGTHS		
D.O. HEIGHT	"A"	"B"
84"	42 1/4"	82 3/8"
96"	48 1/4"	94 3/8"



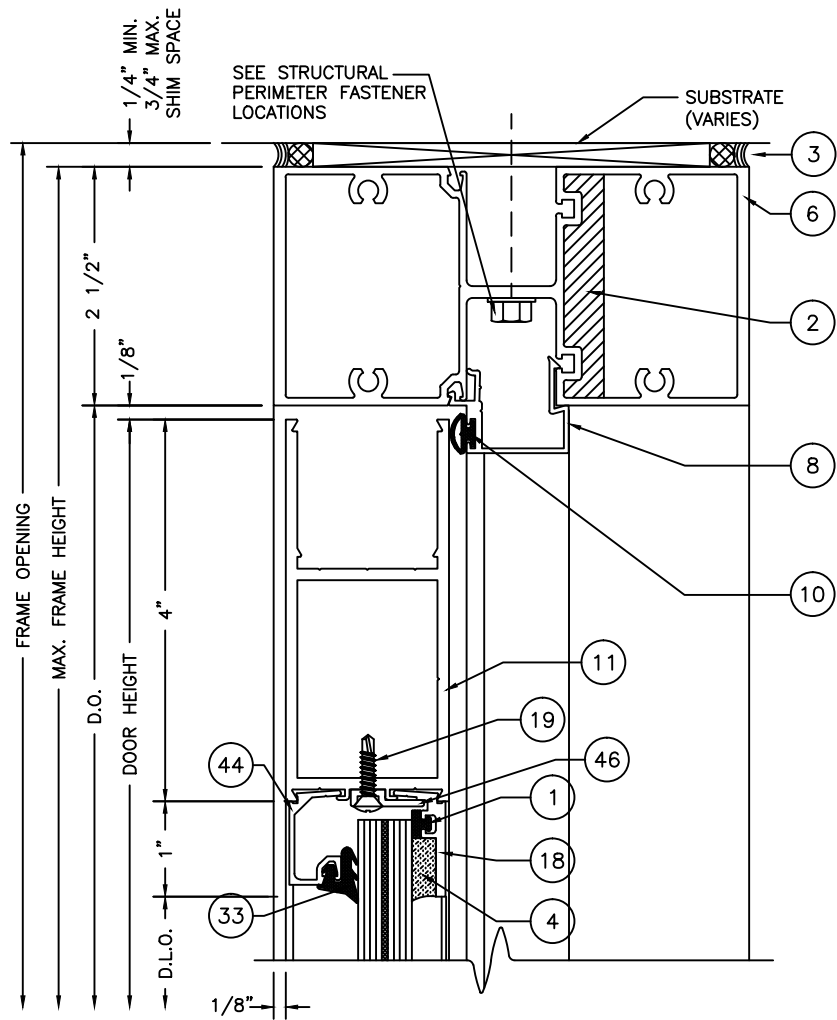
FLORIDA PRODUCT APPROVAL DRAWINGS WS581 WET GLAZED DOORS		CORAL INDUSTRIES ARCHITECTURAL PRODUCTS 3010 RICE MINE RD TUSCALOOSA, AL 35406		PHONE 1-800-772-7737 FAX 1-800-443-6261 WWW.CORALIND.COM			
HOT ROLLED STEEL ANCHOR CHART							
DATE 12/20/2016							
DRAWN <i>DEG</i>		CHECKED <i>WS</i>		APPROVED <i>EAB</i>			
PROJECT NO.							
DRAWING NO. WS581_1							
SHEET 5 OF 18							



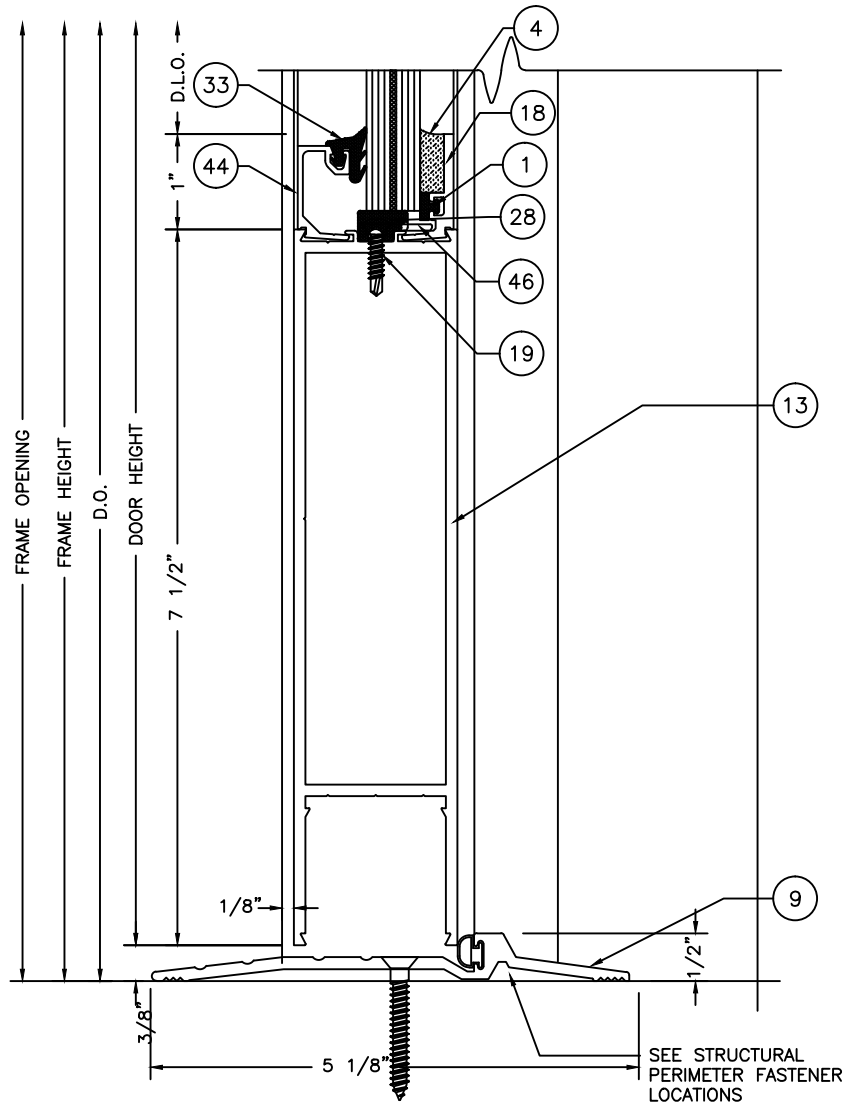
STANDARD LENGTHS										
D.O. HEIGHT	"A"	"A1"	"B"	"C"	"D"	D1	"E"	"F"	"G"	"H"
84"	37 1/4"	39 1/4"	41 1/4"	43 1/4"	45 1/4"	47 1/4"	76 3/8"	78 3/8"	80 3/8"	82 3/8"
96"	42 1/4"	44 1/4"	46 1/4"	48 1/4"	50 1/4"	51 1/4"	88 3/8"	90 3/8"	92 3/8"	94 3/8"



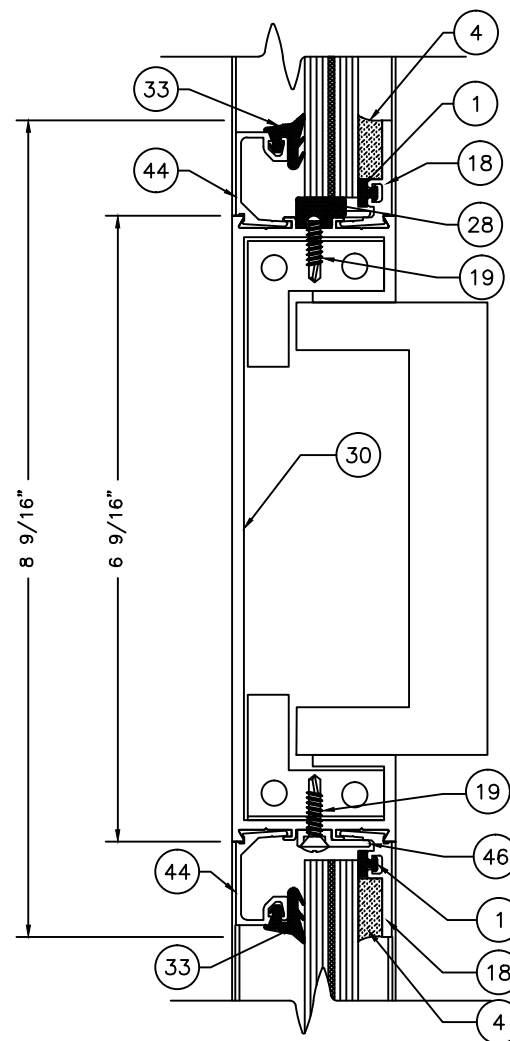
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DRAWN DEG	CHECKED WS	APPROVED EAB
PROJECT NO.		
DRAWING NO. WS581_1		
SHEET 6 OF 18		



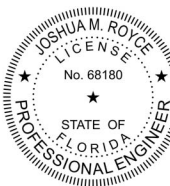
1 DOOR HEADER
7 SCALE: 6" = 1'-0"



2 THRESHOLD
7 SCALE: 6" = 1'-0"



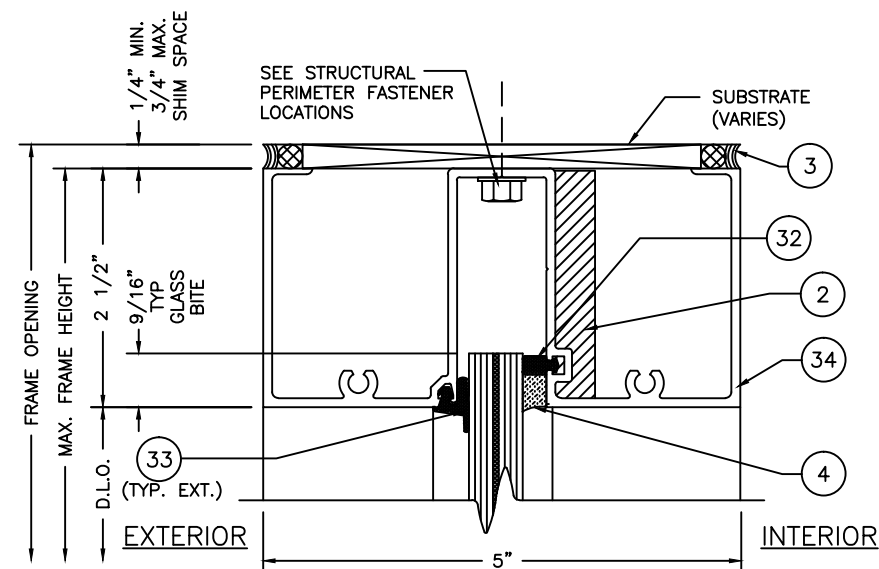
3 MID-PANEL PANIC
7 SCALE: 6" = 1'-0"



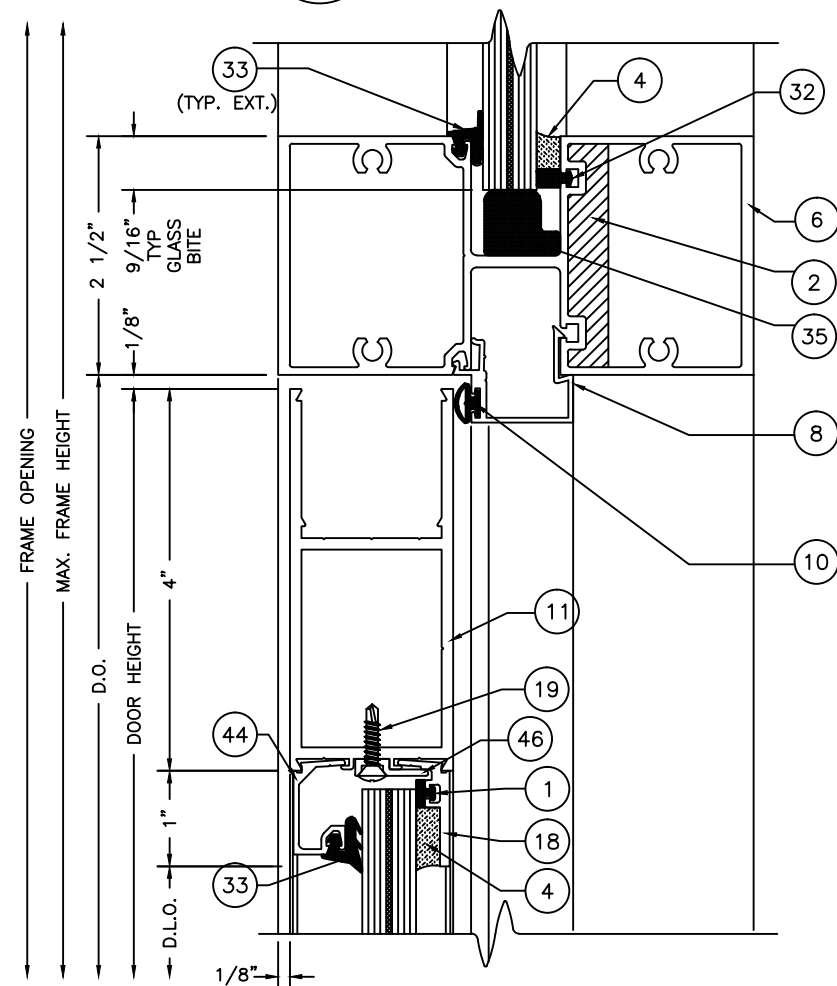
Secure Electronic Seal
For Electronic Submissions

J. Royce
Digital Signature by Josh Royce

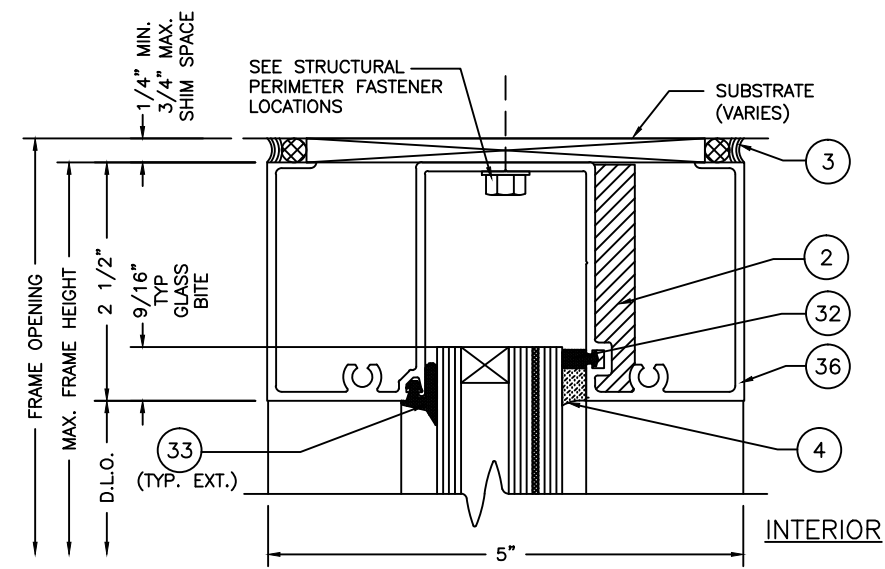
CORAL INDUSTRIES ARCHITECTURAL PRODUCTS 3010 RICE MINE RD TUSCALOOSA, AL 35406 PHONE 1-800-772-7737 FAX 1-800-445-6261 WWW.CORALIND.COM				REV	BY	DATE	DESCRIPTION
FLORIDA PRODUCT APPROVAL DRAWINGS WS581 WET GLAZED DOORS							
FRAMING DETAILS							
DATE 12/20/2016				DRAWN DEG			
CHECKED WS				APPROVED EAB			
PROJECT NO.				DRAWING NO.			
WS581_1				SHEET 7 OF 18			



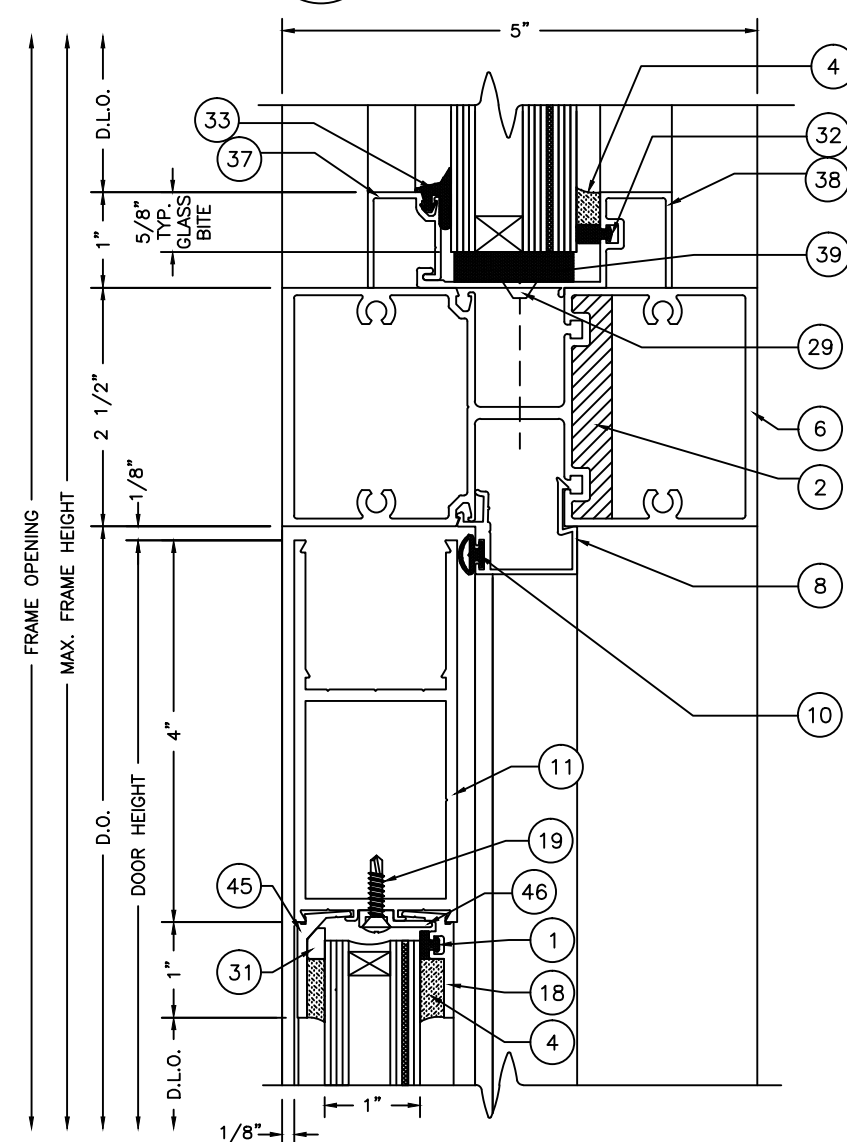
7 TRANSOM HEAD
9 SCALE: 6" = 1'-0"



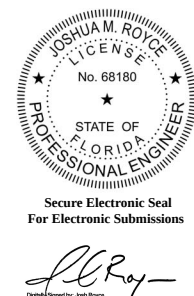
8 DOOR HEADER
9 SCALE: 6" = 1'-0"



9 TRANSOM HEAD
9 SCALE: 6" = 1'-0"



10 DOOR HEADER
9 SCALE: 6" = 1'-0"

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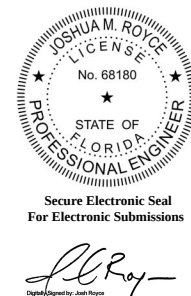
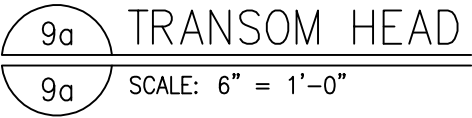
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FLORIDA PRODUCT APPROVAL
DRAWINGS WS581 WET GLAZED DOORS

FRAMING DETAILS

DATE 12/20/2016		
DRAWN <i>DEG</i>	CHECKED <i>WS</i>	APPROVED <i>EAB</i>
PROJECT NO.		
DRAWING NO. WS581_1		
SHEET 9 OF 18		

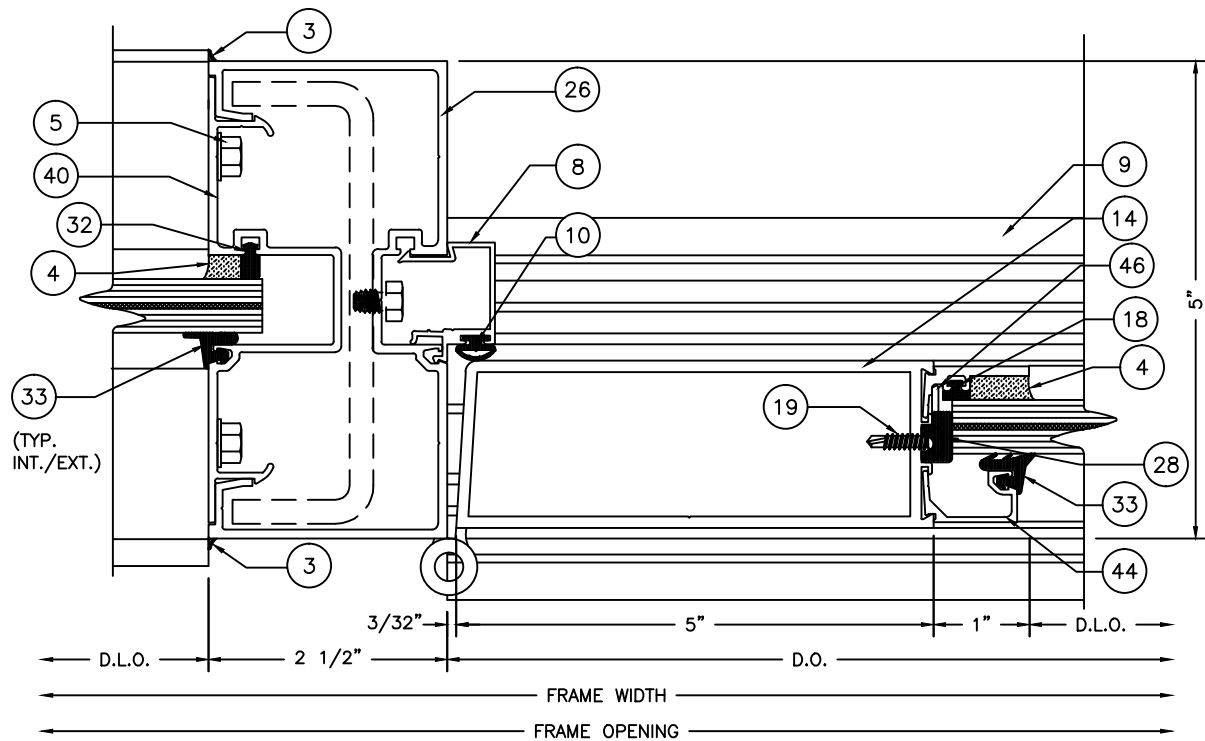


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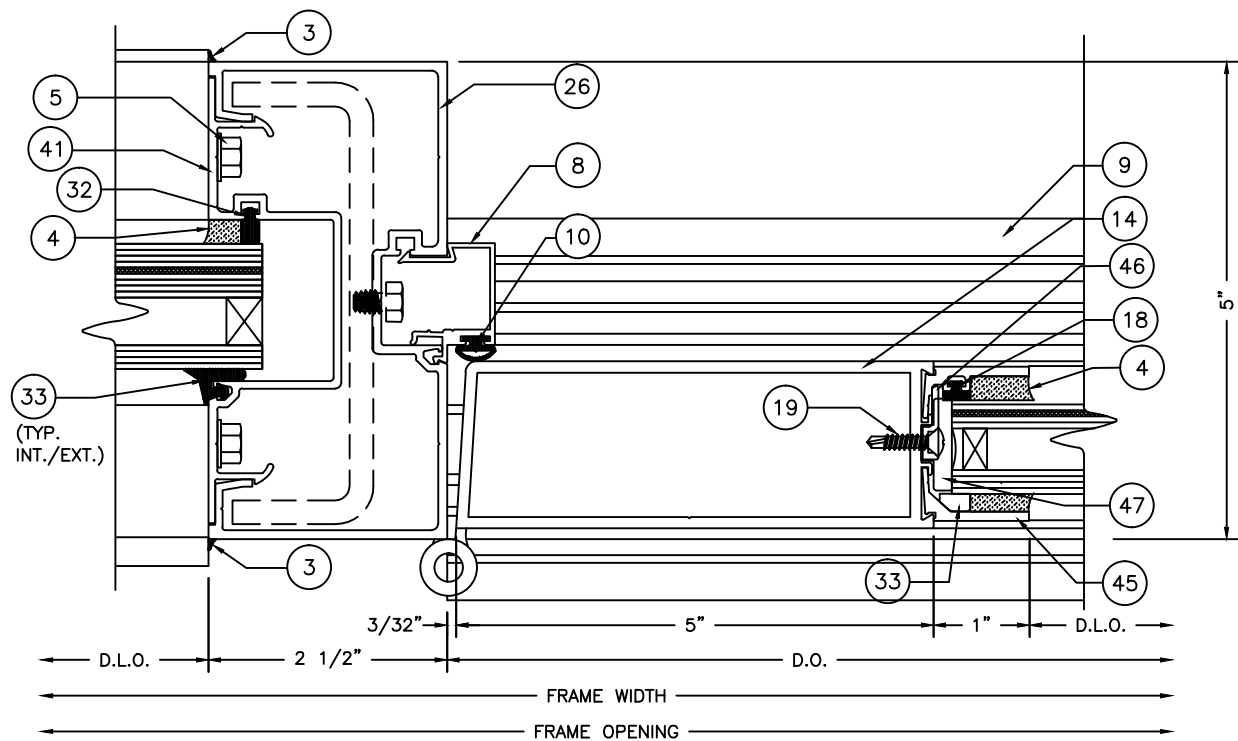
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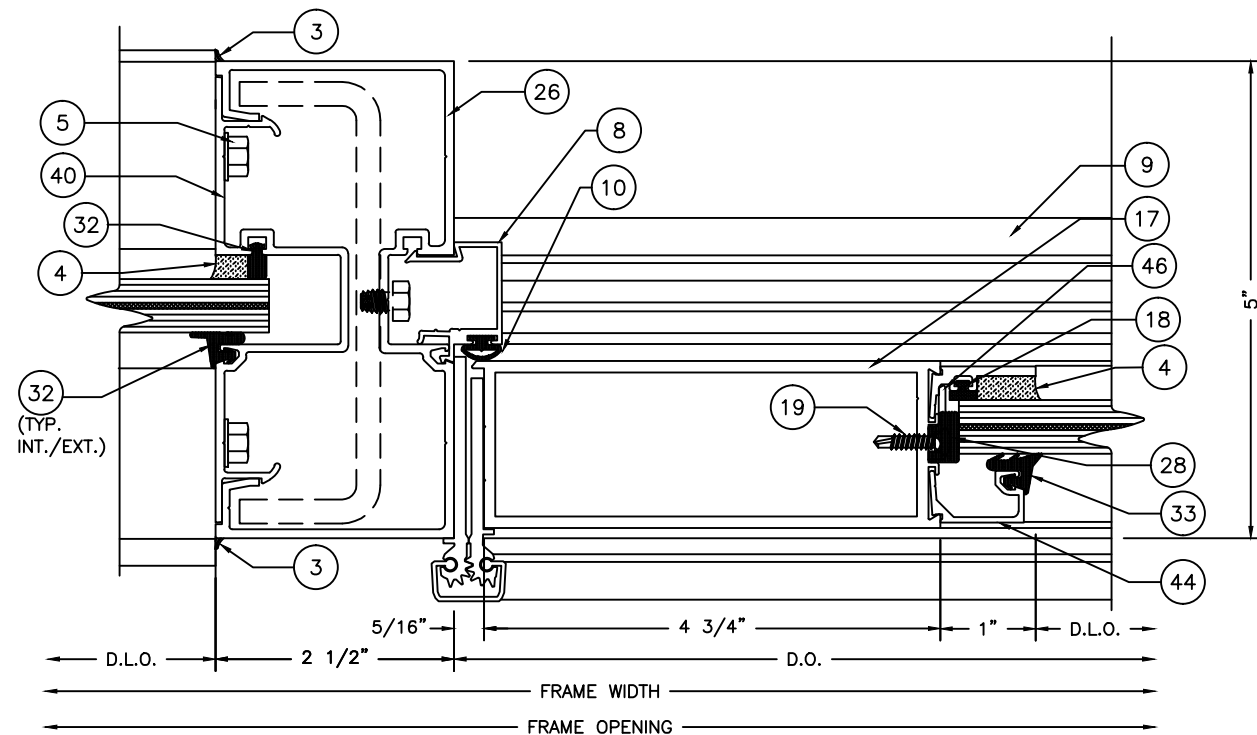
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12/20/2016		
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PROJECT NO.		
DRAWING NO.		
WS581__1		
SHEET 9a OF 18		



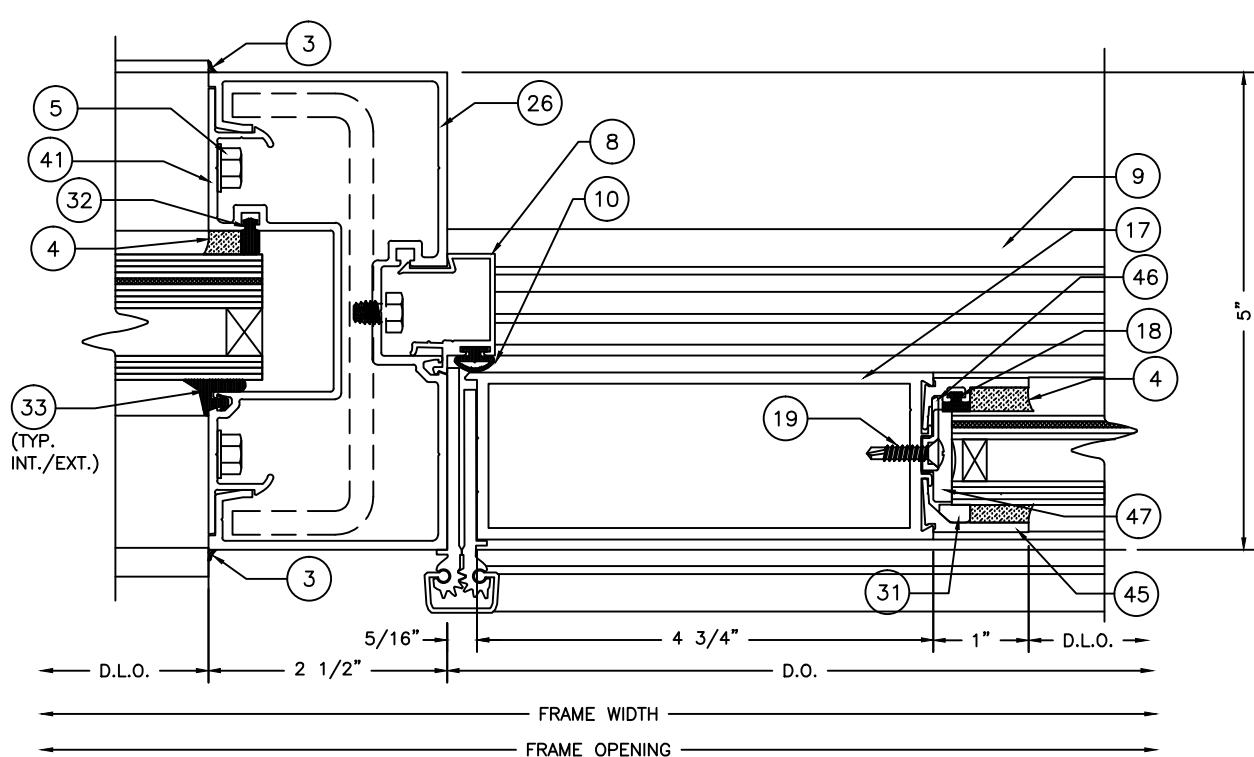
11 DOOR JAMB
10 SCALE: 6" = 1'-0"



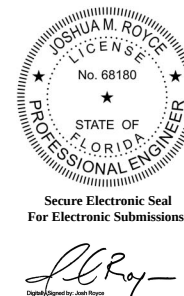
13 DOOR JAMB
10 SCALE: 6" = 1'-0"



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



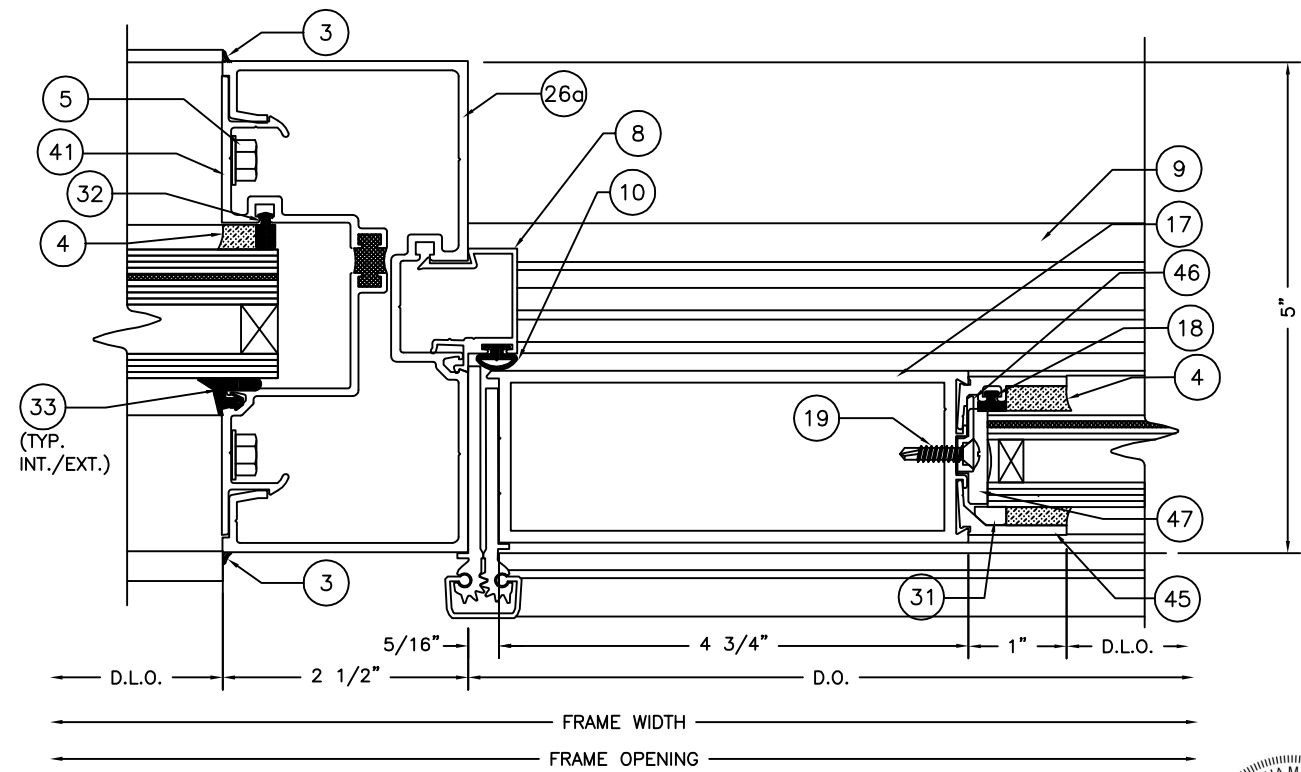
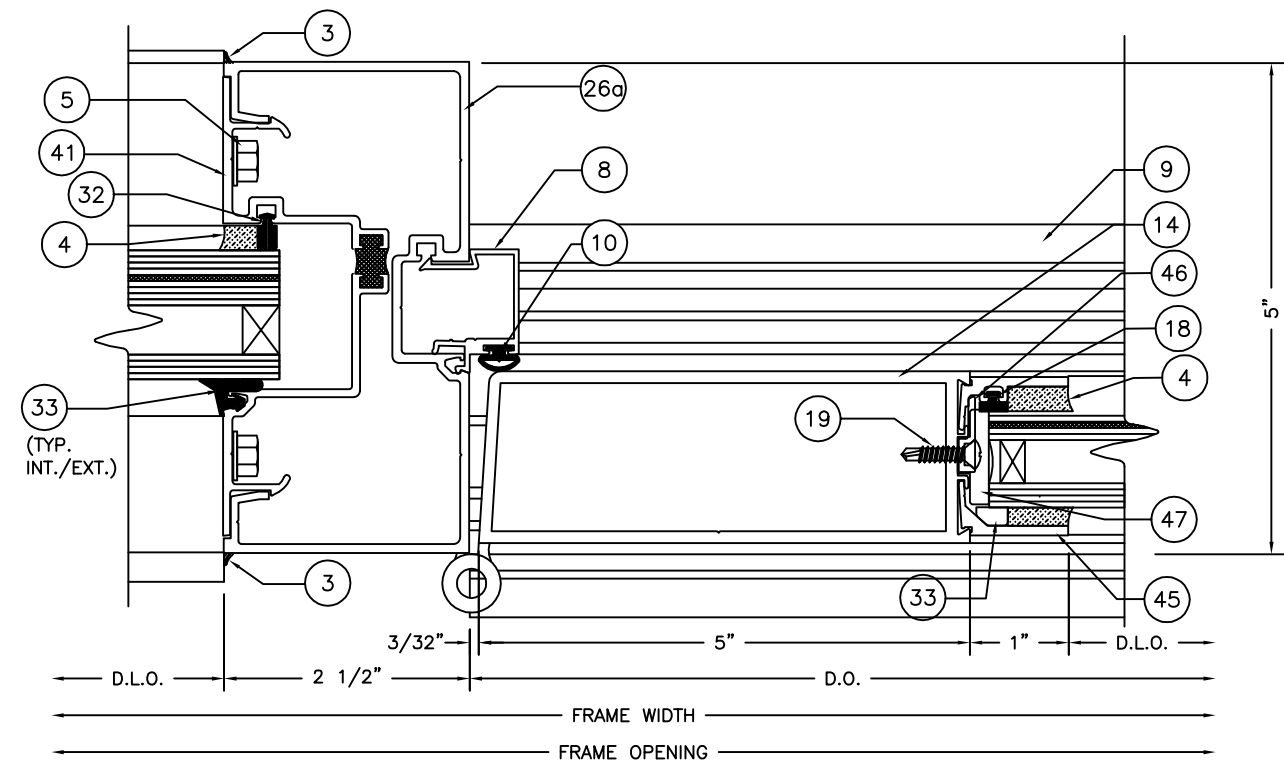
14 DOOR JAMB
10 SCALE: 6" = 1'-0"



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FLORIDA PRODUCT APPROVAL
DRAWINGS WS581 WET GLAZED DOORS
FRAMING DETAILS

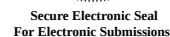
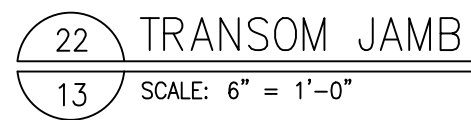
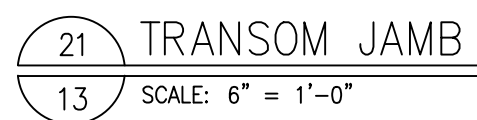
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DEG		WS		EAB	
PROJECT NO.					
DRAWING NO.					
WS581_1					
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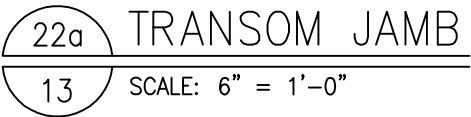
FLORIDA PRODUCT APPROVAL
DRAWINGS WS581 WET GLAZED DOORS

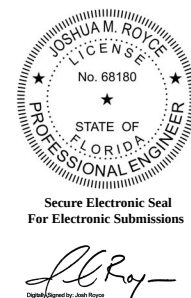
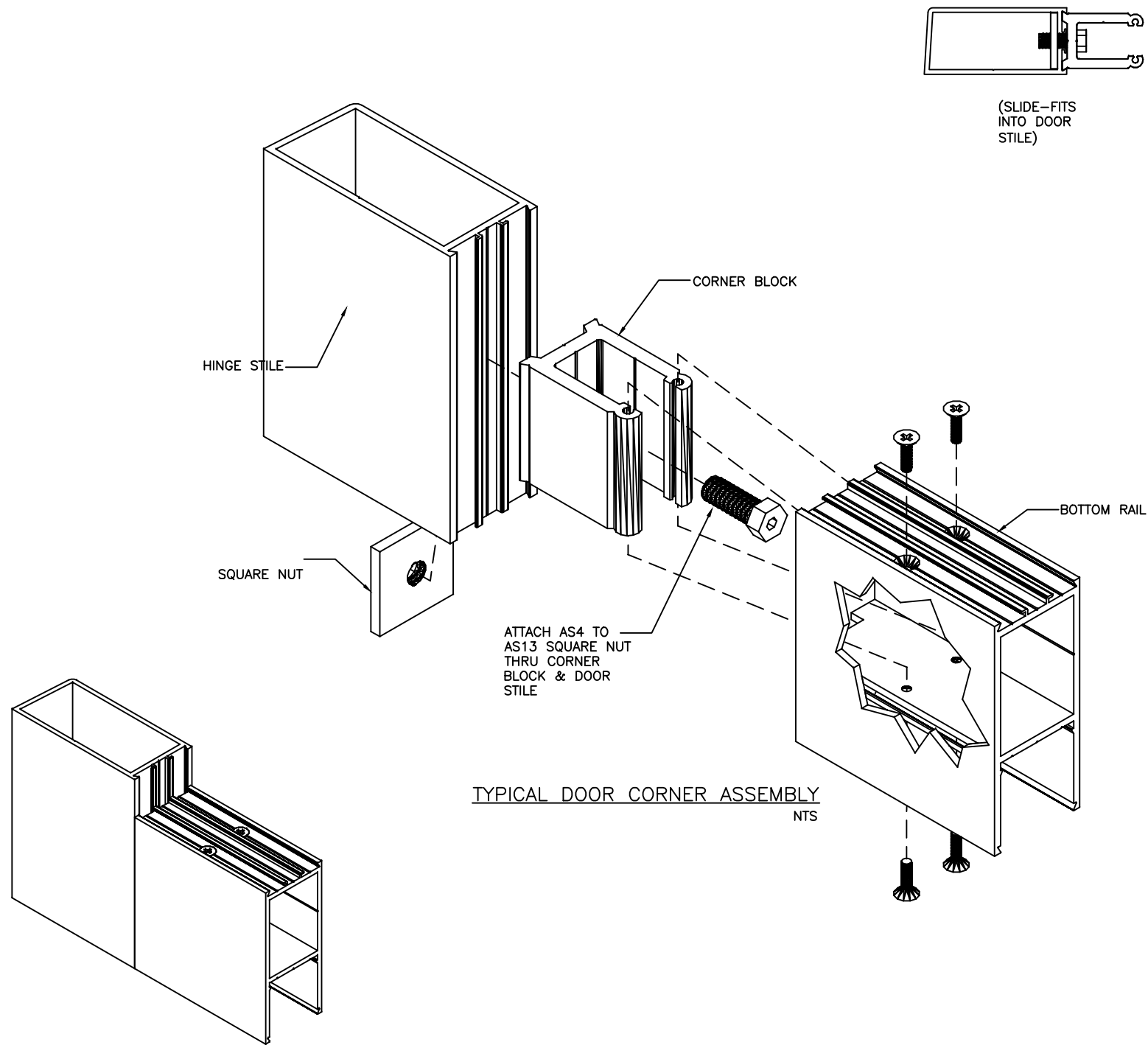
DATE 12/20/2016		
DRAWN DEG	CHECKED WS	APPROVED EAB
PROJECT NO.		
DRAWING NO. WS581_1		
SHEET 10a OF 18		



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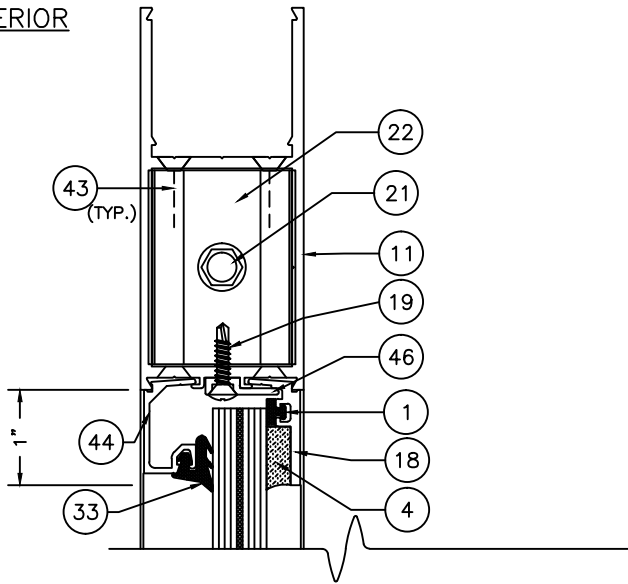
FLORIDA PRODUCT APPROVAL DRAWINGS WS581 WET GLAZED DOORS CORNER CONSTRUCTION			CORAL INDUSTRIES ARCHITECTURAL PRODUCTS 3010 RICE MINE RD TUSCALOOSA, AL 35406 PHONE 1-800-772-7737 FAX 1-800-443-6261 WWW.CORALIND.COM								
DATE						12/20/2016					
DRAWN		CHECKED		APPROVED							
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PROJECT NO.											
DRAWING NO.											
WS581_1											
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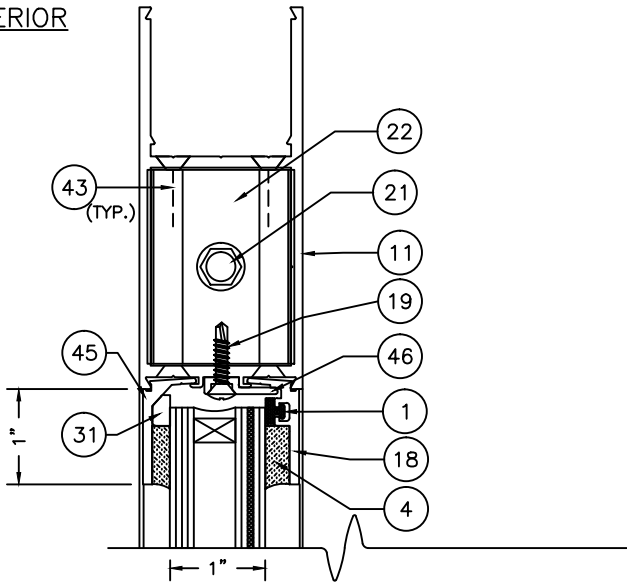
FLORIDA PRODUCT APPROVAL
DRAWINGS WS581 WET GLAZED DOORS
BILL OF MATERIALS

EXTERIOR



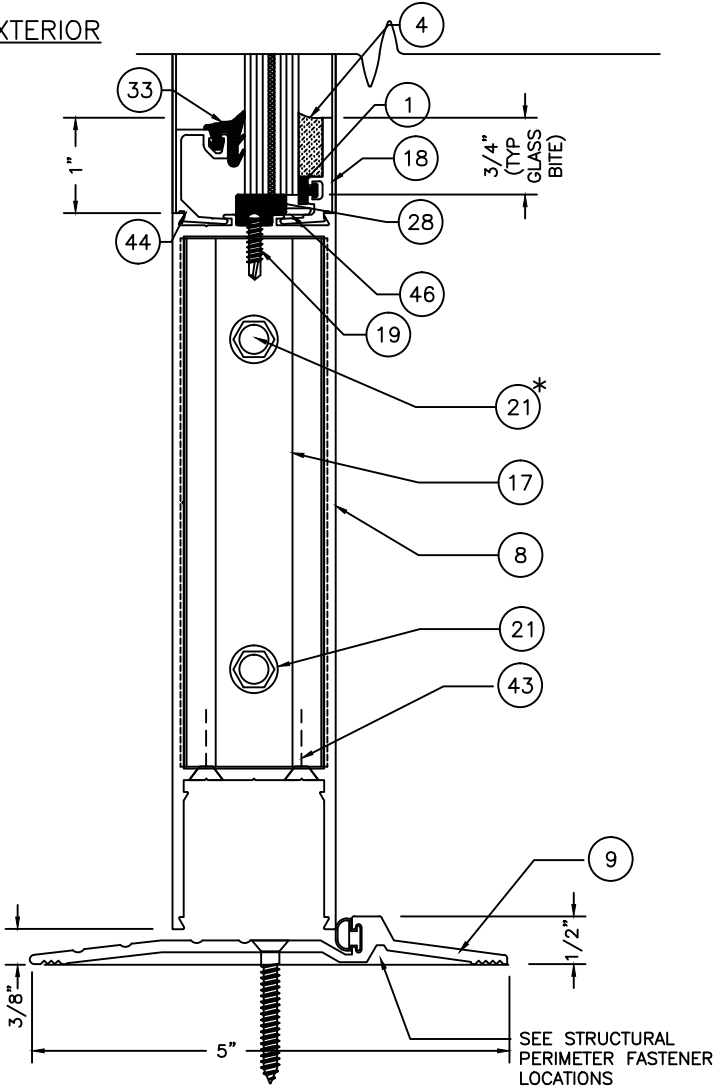
GLAZING DETAIL – TOP RAIL

EXTERIOR



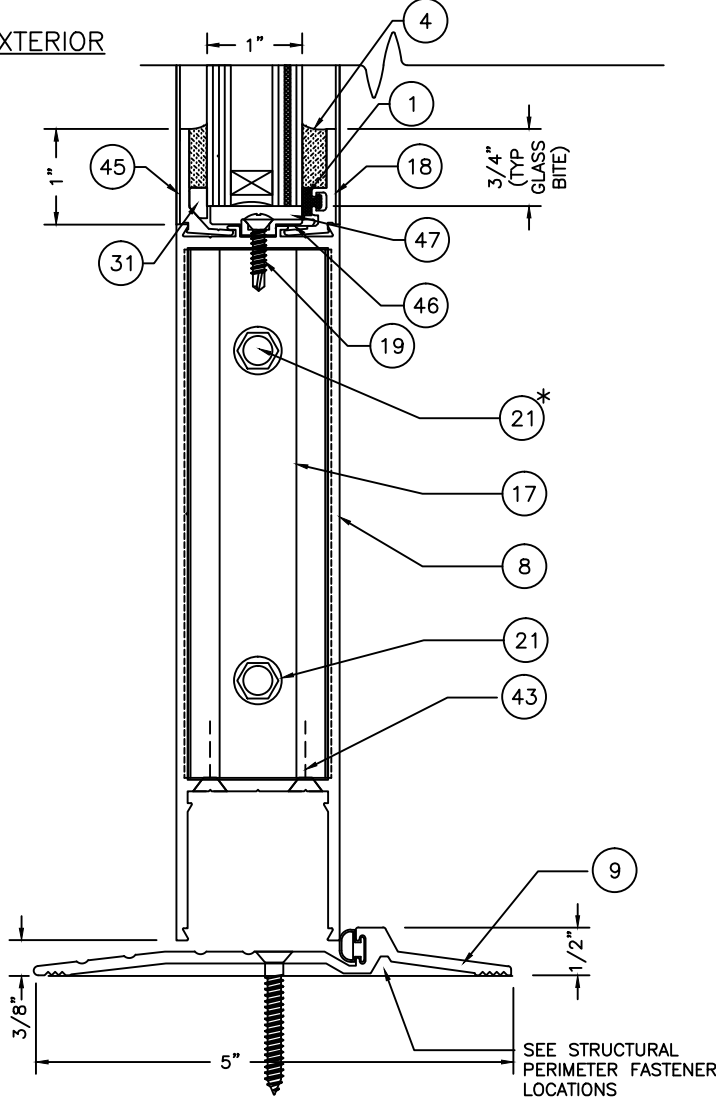
GLAZING DETAIL – TOP RAIL

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	+70/-70	84 X 96	42 X 96
B	+70/-70	84 X 96	42 X 96
C	+70/-70	84 X 96	42 X 96
D	+70/-70	84 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" HS X 1/4" ABS X 3/16" HS X VS02(VANCEVA) .075 X 1/4" HS	SOULTIA
IBD	3/16" HS X 1/4" ABS X 3/16" HS X .090 SAFLEX X 1/4" HS	SOULTIA
IDD	3/16" HS X 1/4" ABS X 3/16" HS X .090 SENTRY GLAS X 1/4" HS	KURARAY
IED	3/16" HS 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

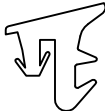
GLASS TYPE ABBREVIATIONS:
T TEMPERED
HS HEAT STRENGTHENED
ABS ALUMINUM BOX SPACER

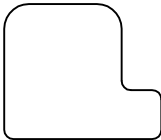
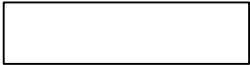


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FLORIDA PRODUCT APPROVAL
DRAWINGS WS581 WET GLAZED DOORS
GLASS TYPES AND GLASS BITE DETAILS

DATE 12/20/2016
DRAWN DEG CHECKED WS APPROVED EAB
PROJECT NO.
DRAWING NO. WS581_1
SHEET 16 OF 18

1 GLAZING GASKET  FULL SCALE	33 GLAZING GASKET  FULL SCALE
28 SETTING BLOCK  FULL SCALE	32 GLAZING GASKET  FULL SCALE

25 DOOR SWEEP WEATHERING  FULL SCALE	35 SETTING BLOCK  FULL
10 BULB GASKET FOR DS501  FULL SCALE	39 SETTING BLOCK  Secure Electronic Seal For Electronic Submissions F1111 SCAI F <i>Joshua M. Royce</i> Digital Signed by: Josh Royce

4.980" 2.500"	2.500" 5.000"	0.681" 4.670"	1.011" 1.258"	4.000" 1.710"	7.500" 1.710"	0.331" 1.562"	5.000" 1.750"	5.000" 1.750"	
6 DOOR HEADER/TRANSOM BAR	26 DOOR JAMB	7 FLAT FILLER	8 DOOR STOP	11 TOP RAIL	13 BOTTOM RAIL	12 ADJUSTABLE ASTRAGAL	14 HINGE/LOCK STILE	15 INACTIVE MEETING STILE	
4.864" 1.750"	4.907" 4.781" 1.750"	1.114" 0.539"	5.000" 0.500"	0.302" 0.812"	1.000"	0.991"	4.670" 1.374"	4.670" 1.392"	0.542" 0.989"
16 ACTIVE MEETING STILE	17 GEAR HINGE STILE	18 DOOR GLASS STOP	9 THRESHOLD	23 WEATHER SWEEP	37 TRANSOM GLASS STOP	38 TRANSOM SASH	40 POCKET FILLER	41 POCKET FILLER	44 DOOR GLASS STOP
6.555" 1.712"	0.324" 0.185"	2.500" 5.000"	2.500" 5.000"	2.500" 5.000"	1.980" 1.000"	1.115" 0.559"	0.769" 0.174"	FULL SCALE	4.670" 1.392"
30 MID PANEL PANIC	31 WEDGE	34 TRANSOM HEAD	36 TRANSOM HEAD	36a TRANSOM HEAD	42 TRANSOM SASH	45 DOOR GLASS STOP	46 GLASS STOP CLIP	47 SETTING BLOCK	41a POCKET FILLER

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FLORIDA PRODUCT APPROVAL
DRAWINGS WS581 WET GLAZED DOORS

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