

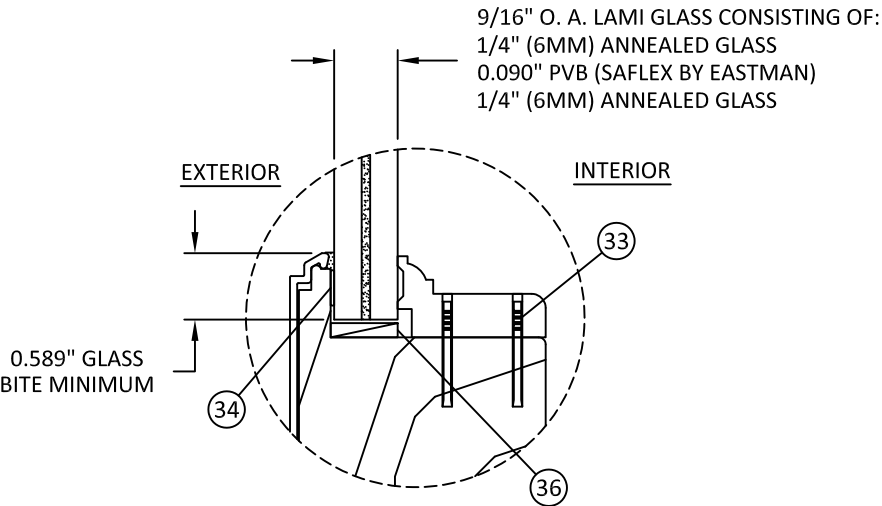
SIERRA PACIFIC WINDOWS

FEELSAFE FULL RADIUS OUTSWING DOORS

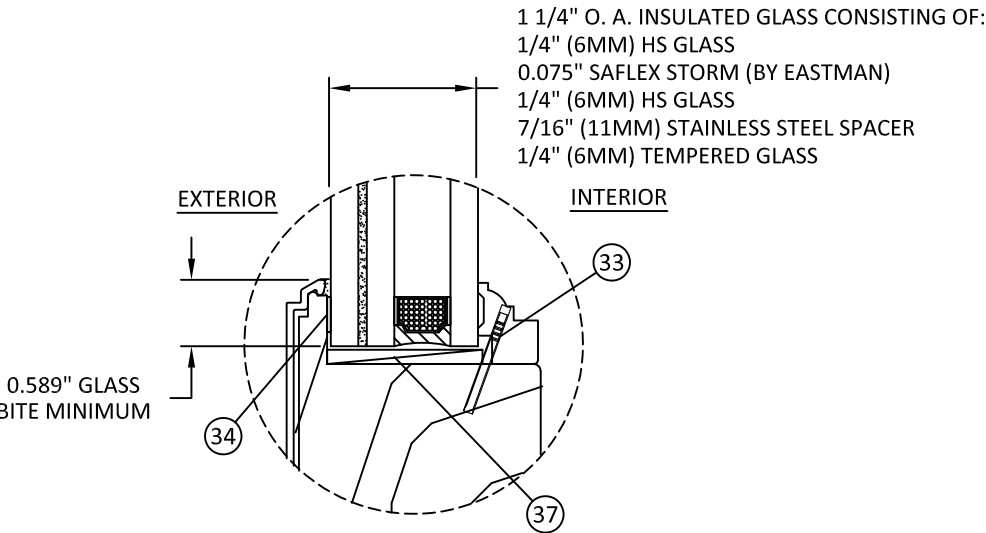
(HVHZ) (IMPACT)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), **INCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
- AAMA/WDMA/CSA 101/I.S.2/A440-11
 - ASTM E1886-13a
 - ASTM E1996-17
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X WOOD & STEEL FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
4. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT. FOR NON-HVHZ AREA, INSTALLATION TO BE REVIEWED BY AHJ (AUTHORITY HAVING JURISDICTION).
5. DEVIATION FROM THIS FLORIDA PRODUCT APPROVAL IN HVHZ AREA REQUIRES A ONE TIME APPROVAL FROM MIAMI-DADE COUNTY RER OR AHJ.
6. APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
7. DOOR MATERIAL: PINE OR OAK WOOD AND 6063-T5 CLADDING
8. GLASS MEETS THE REQUIREMENTS OF ASTM E 1300. SEE SHEET 1 FOR GLAZING DETAILS.
9. SEE SHEET 16 FOR PANEL ASSEMBLY.
10. SEE SHEET 15 FOR SASH ASSEMBLY.
11. DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM COMPONENTS SHALL BE PROTECTED IN ACCORDANCE WITH THE CURRENT FBC REQUIREMENTS CHAPTER 20.
12. WOOD COMPONENTS SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES IN ACCORDANCE WITH THE CURRENT FBC REQUIREMENTS CHAPTER 23.
13. CUSTOM SIZES AVAILABLE UPON REQUEST.



GLAZING DETAIL 1



GLAZING DETAIL 2

- GLAZING NOTES:
1. GLASS TYPE AND THICKNESS COMPLIES WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE FBC. THICKNESS, TEMPER, AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.

2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.

3. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.

4. DESIGN PRESSURES MAY NOT EXCEED MAX VALUES IN DESIGN PRESSURE TABLE ON SHEET 1.

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7	VERTICAL SECTIONS
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9	HORIZONTAL SECTIONS
10	HORIZONTAL SECTIONS
11	ANCHOR DETAILS
12	ANCHOR DETAILS, SCHEDULE AND INSTALLATION NOTES
13	COMPONENTS
14	COMPONENTS AND BILL OF MATERIALS
15	SASH ASSEMBLY - WOOD PORTION
16	PANEL ASSEMBLY - WOOD PORTION
17	MANUAL SHOOT BOLT HARDWARE FOR INSWING AND OUTSWING DOOR
18	HOPPE FULL RADIUS SINGLE WIDE DOOR HARDWARE
19	FEELSAFE ES OUTSWING HOPPE LOCKING HARDWARE

MAX OVERALL SIZE		DESIGN PRESSURE (PSF)	MISSILE IMPACT RATING
WIDTH	HEIGHT		
38.44"	122.5"	+65/-90	LMI/SMI
75.5"	122.5"		



11605 READING ROAD
PO BOX 8489
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(530) 527-9620

TITLE: FEEL SAFE FULL RADIUS OS DOORS (HVHZ) (IMPACT)

GENERAL NOTES, GLAZING DETAILS & TABLE OF CONTENTS

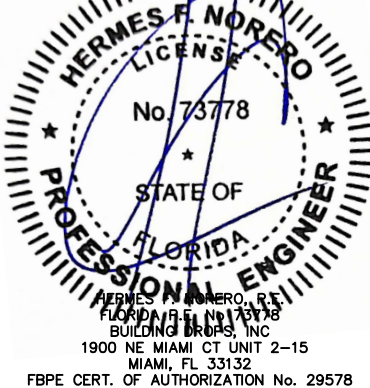
PREPARED BY: BUILDING DROPS, INC.

1900 NE MIAMI CT UNIT 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
2026 FBC UPDATE	LS	06/26

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.09.16 14:07:00 -0400



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FL47251

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FB

CHK. BY:
HFN

SCALE:
NTS

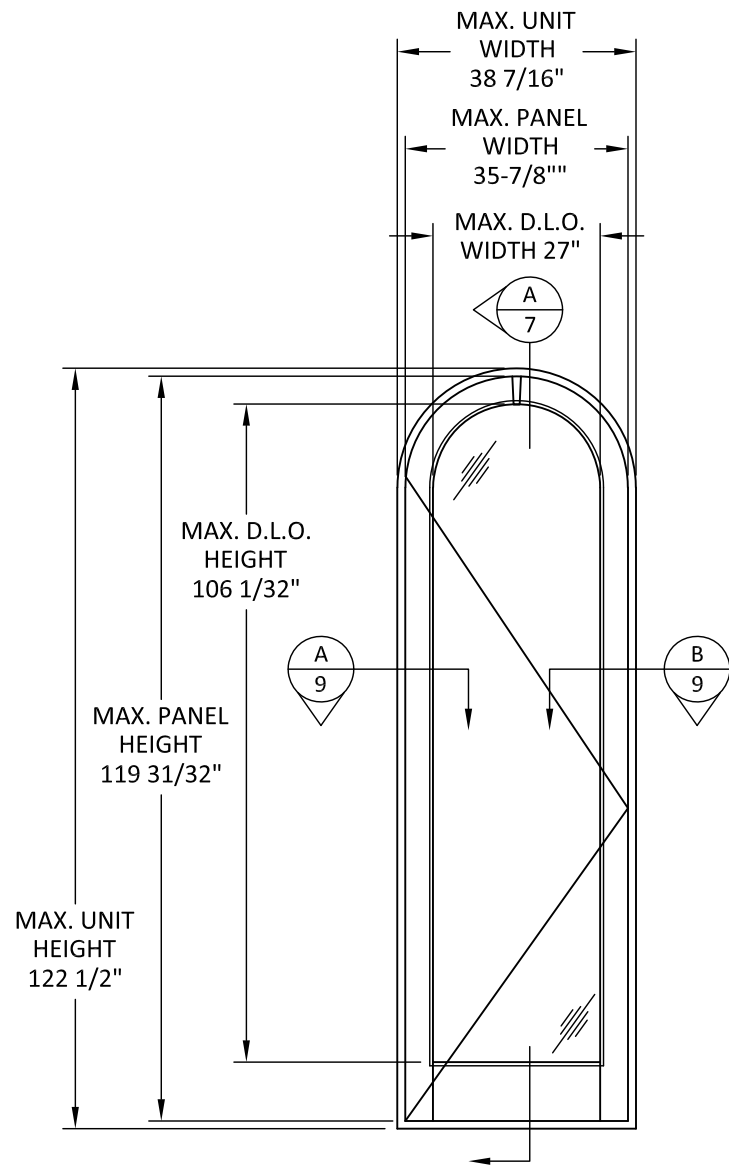
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SPW013

SHEET
1

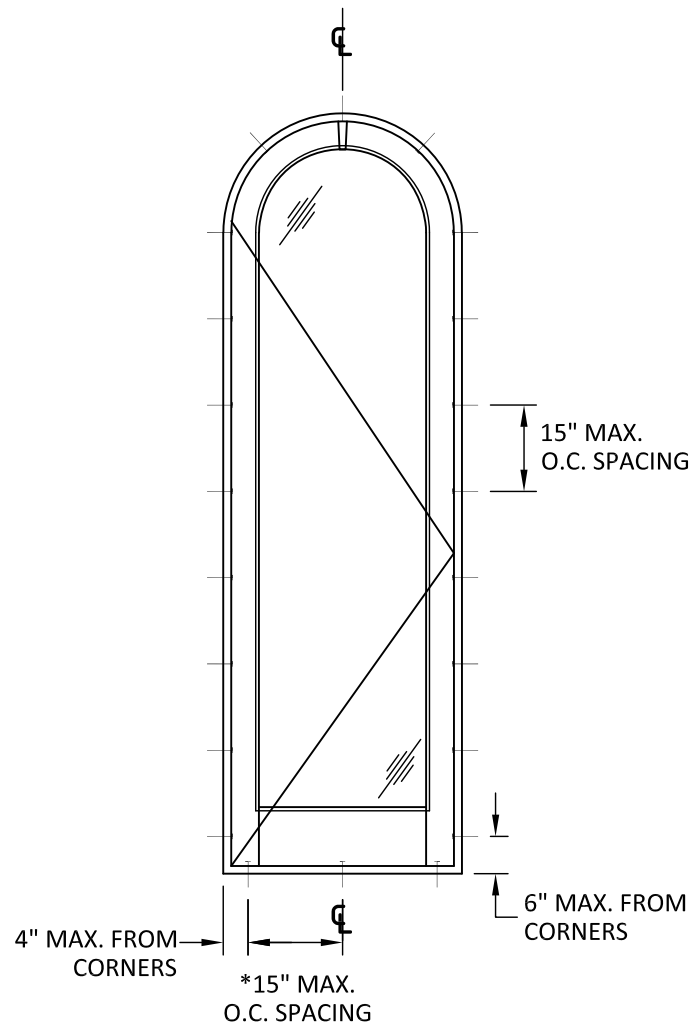
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ELEVATION
THROUGH FRAME



ANCHOR LAYOUT
THROUGH FRAME

*ANCHOR AT CENTERLINE
WITH A MAX. O.C. SPACING
OF 15"



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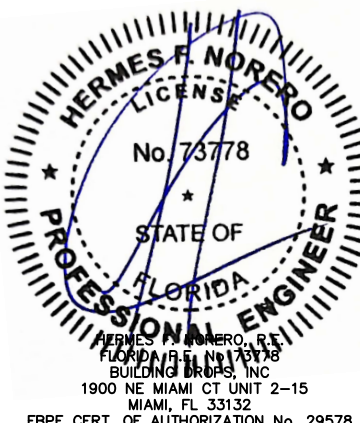
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ELEVATION & ANCHOR LAYOUT

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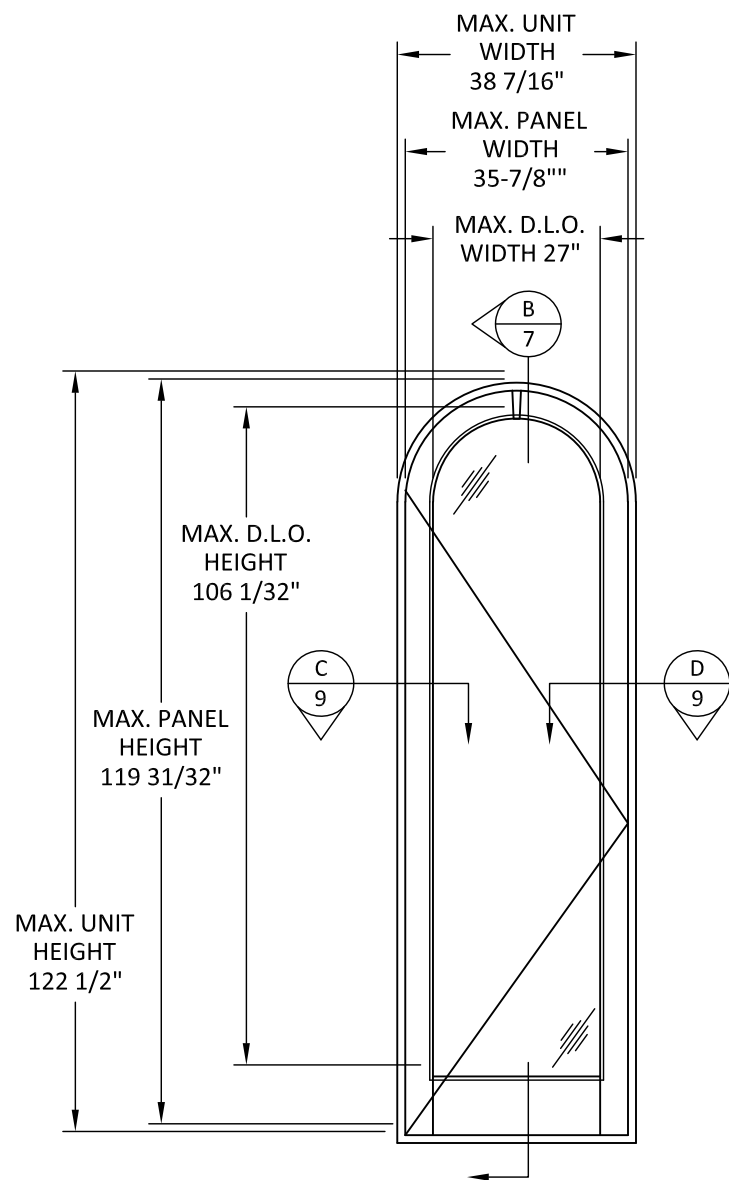
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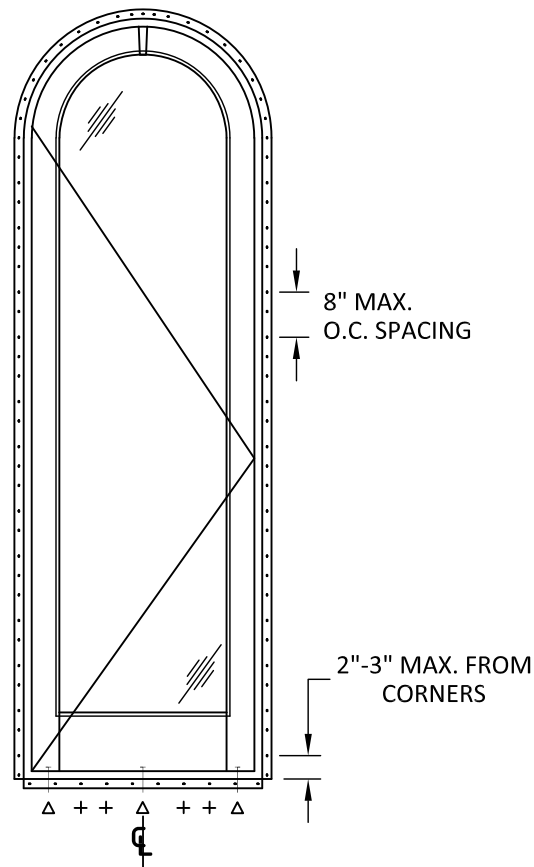


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SHEET	2
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ELEVATION
NAIL FIN



ANCHOR LAYOUT
NAIL FIN

THRESHOLD INSTALLATION LEGEND

△ = THROUGH FRAME ANCHOR TO BE PLACED 4" MAX. FROM CORNERS AND AT CENTERLINE WITH 15" MAX. O.C. SPACING

+ = NAIL FIN ANCHOR TO BE PLACED 3" MAX. FROM CORNERS AND A MAX. O.C. SPACING OF 8" O.C. SPACING



**SIERRA
PACIFIC**
WINDOWS

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TITLE: **FEEL SAFE FULL RADIUS
OS DOORS (HVHZ) (IMPACT)**

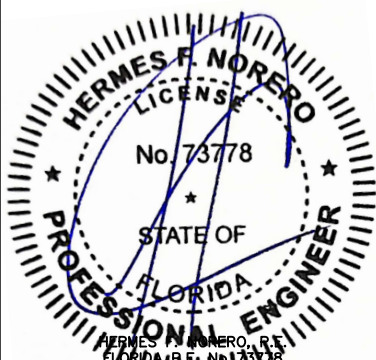
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No. 73778
STATE OF
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PROFESSIONAL ENGINEER

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BUILDING DROPS, INC.
1900 NE MIAMI CT UNIT 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL47251**

DATE: **01.16.25**

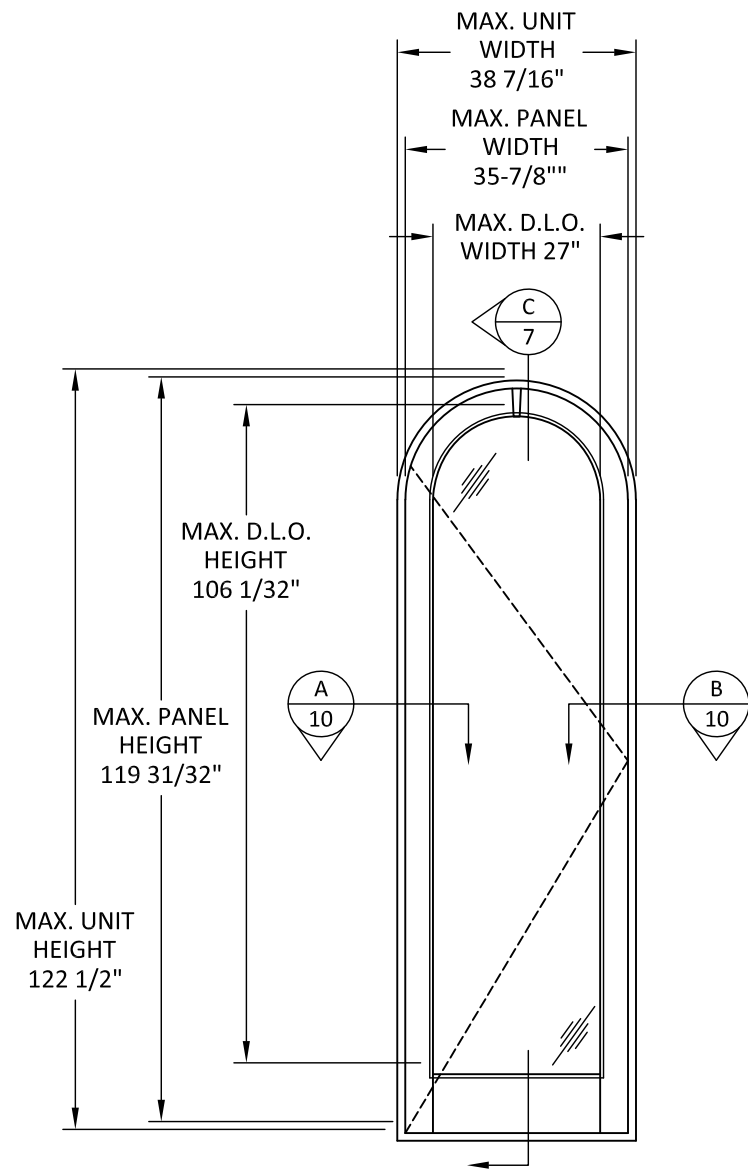
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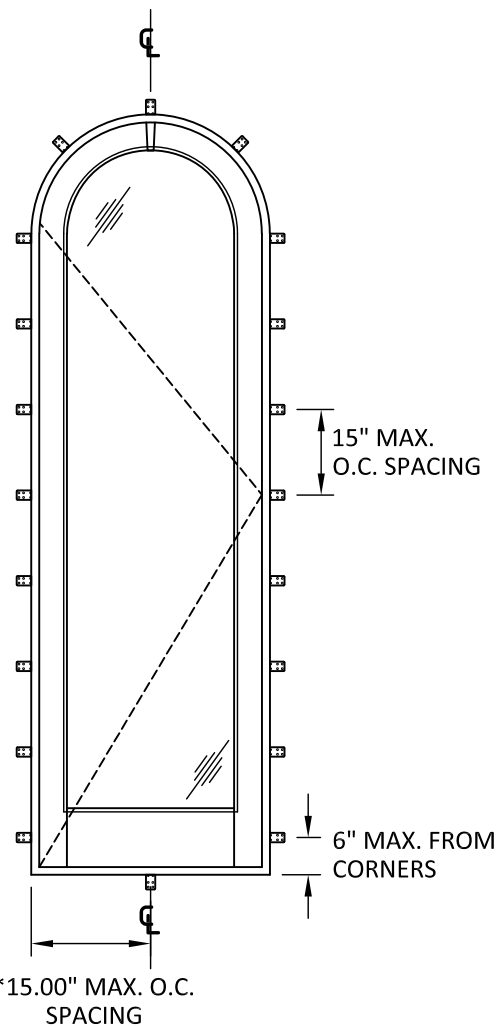
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SHEET 3	REV. A
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ELEVATION
INSTALLATION CLIP



ANCHOR LAYOUT
INSTALLATION CLIP

*ANCHOR AT CENTERLINE
WITH A MAX. O.C. SPACING
OF 15.00" FROM CORNERS



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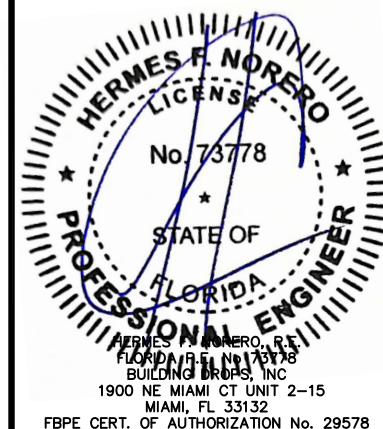
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OS DOORS (HVHZ) (IMPACT)**

ELEVATION & ANCHOR LAYOUT

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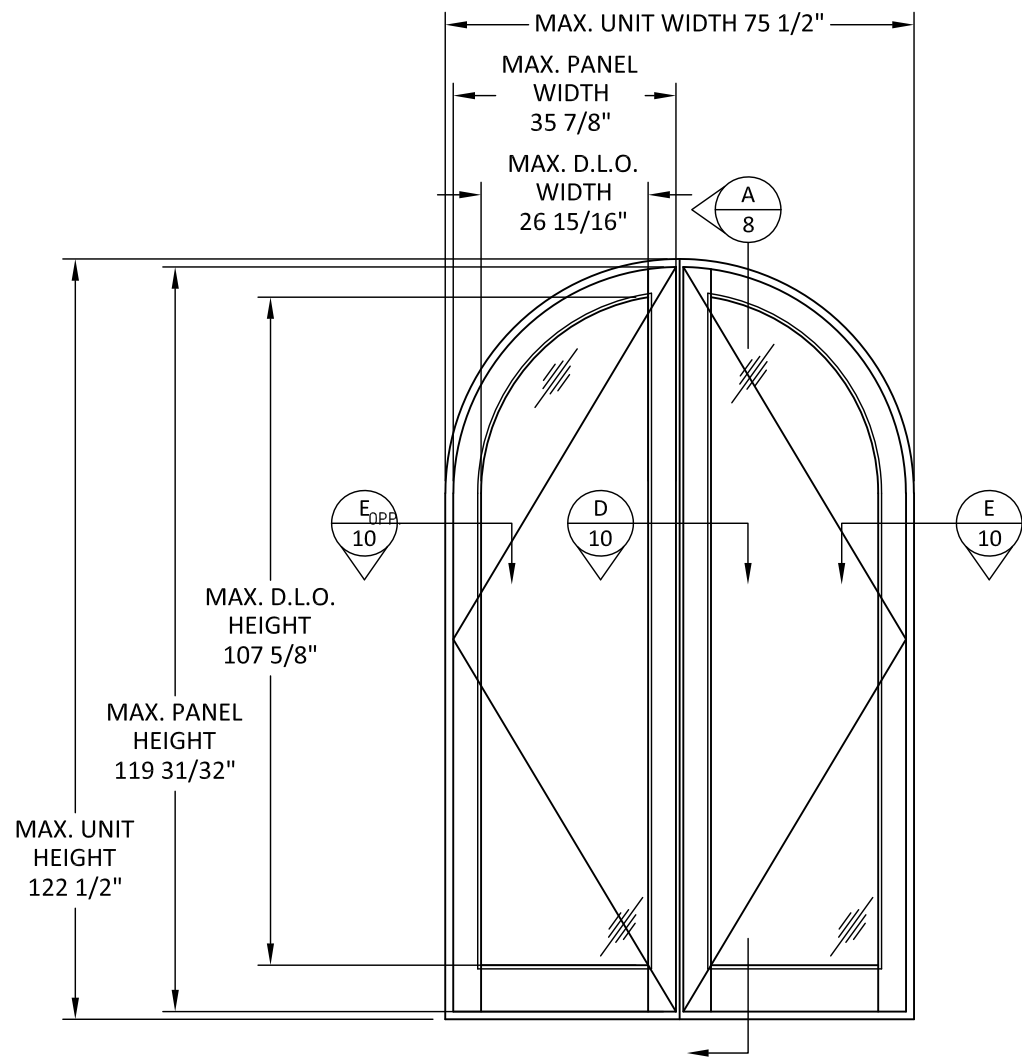
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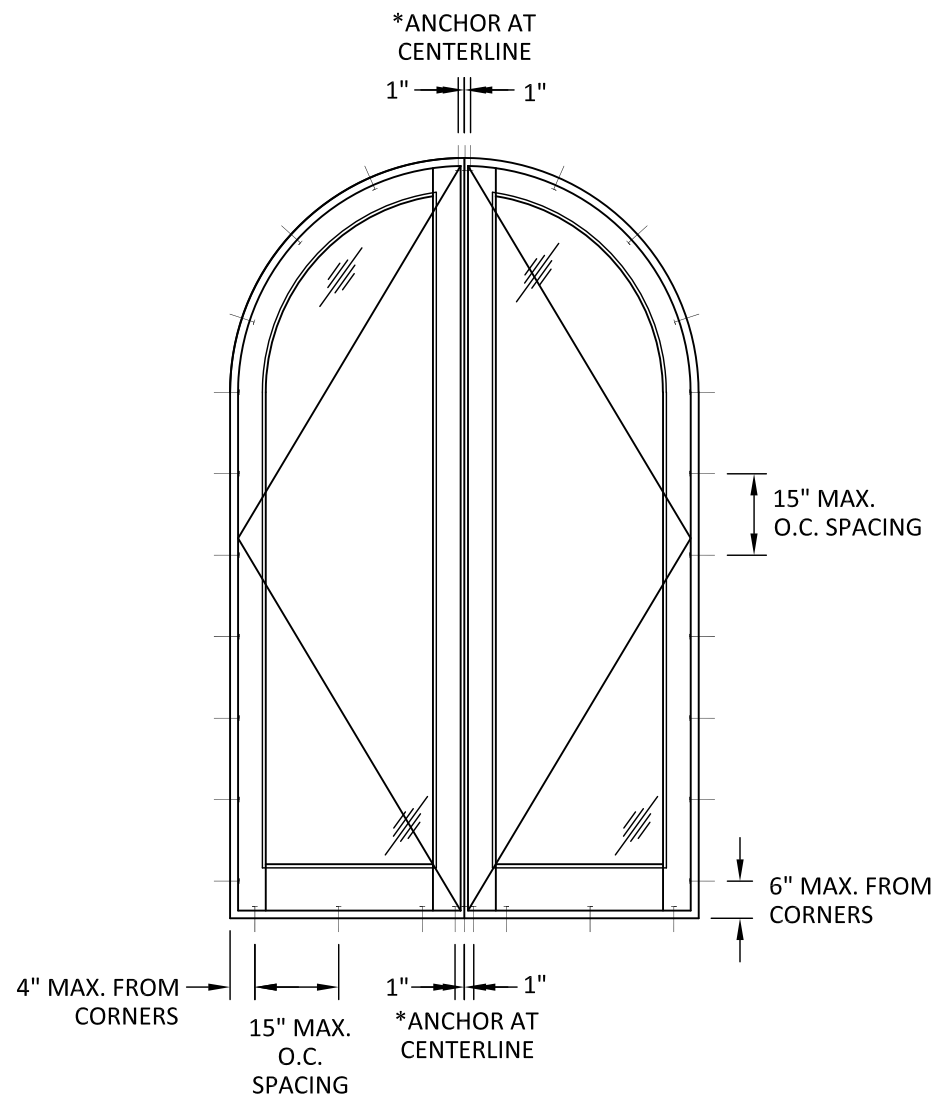


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ELEVATION
THROUGH FRAME



ANCHOR LAYOUT
THROUGH FRAME

*CLUSTER OF THREE (3)
ANCHORS AT CENTERLINE
WITH 1" MAX. O.C. SPACING



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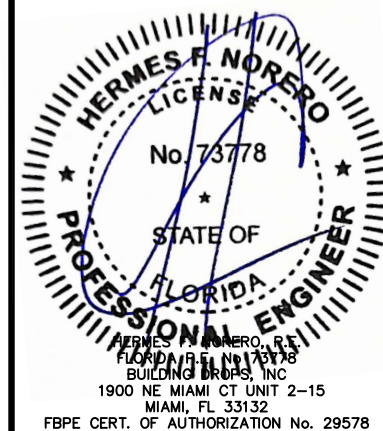
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ELEVATION & ANCHOR LAYOUT

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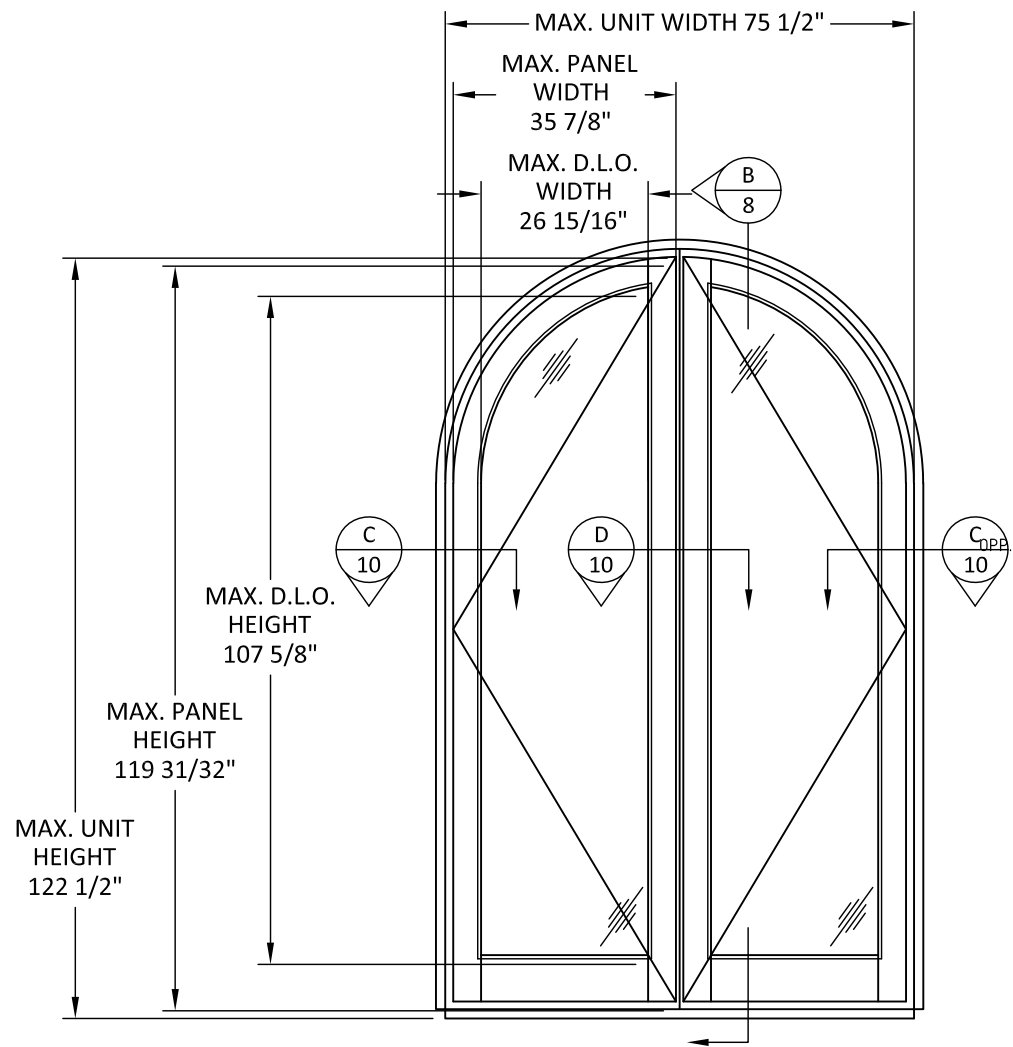
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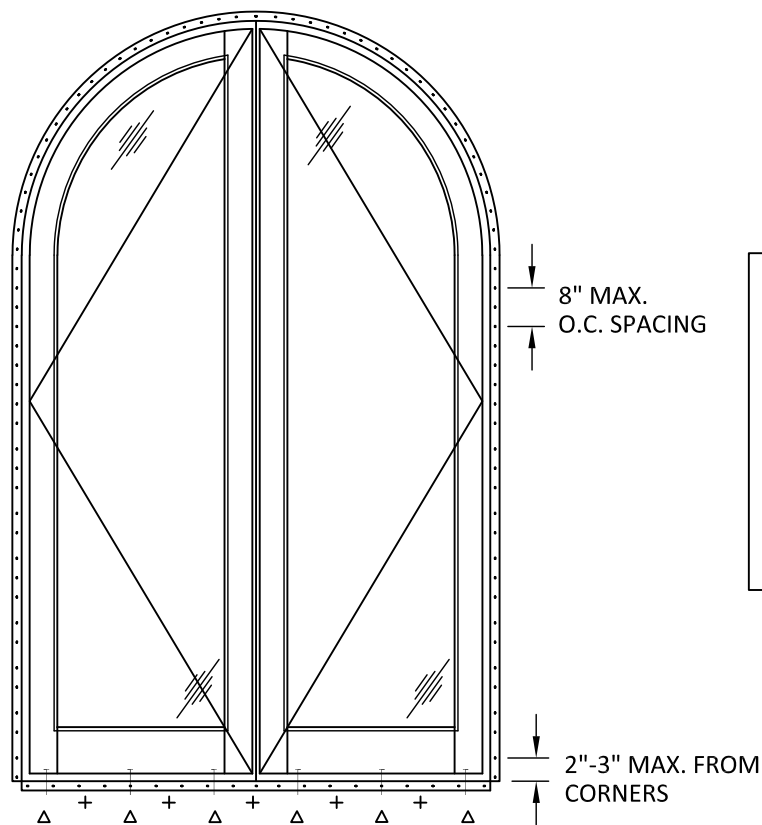


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ELEVATION
NAIL FIN



ANCHOR LAYOUT
NAIL FIN

THRESHOLD INSTALLATION LEGEND

△ = THROUGH FRAME ANCHOR TO BE PLACED 4" MAX. FROM CORNERS AND AT CENTERLINE WITH 15" MAX. O.C. SPACING

⊕ = NAIL FIN ANCHOR TO BE PLACED 3" MAX. FROM CORNERS AND A MAX. O.C. SPACING OF 8" O.C. SPACING



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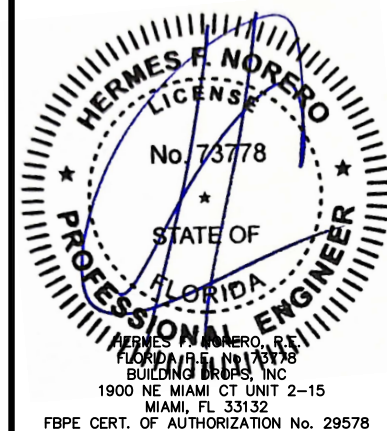
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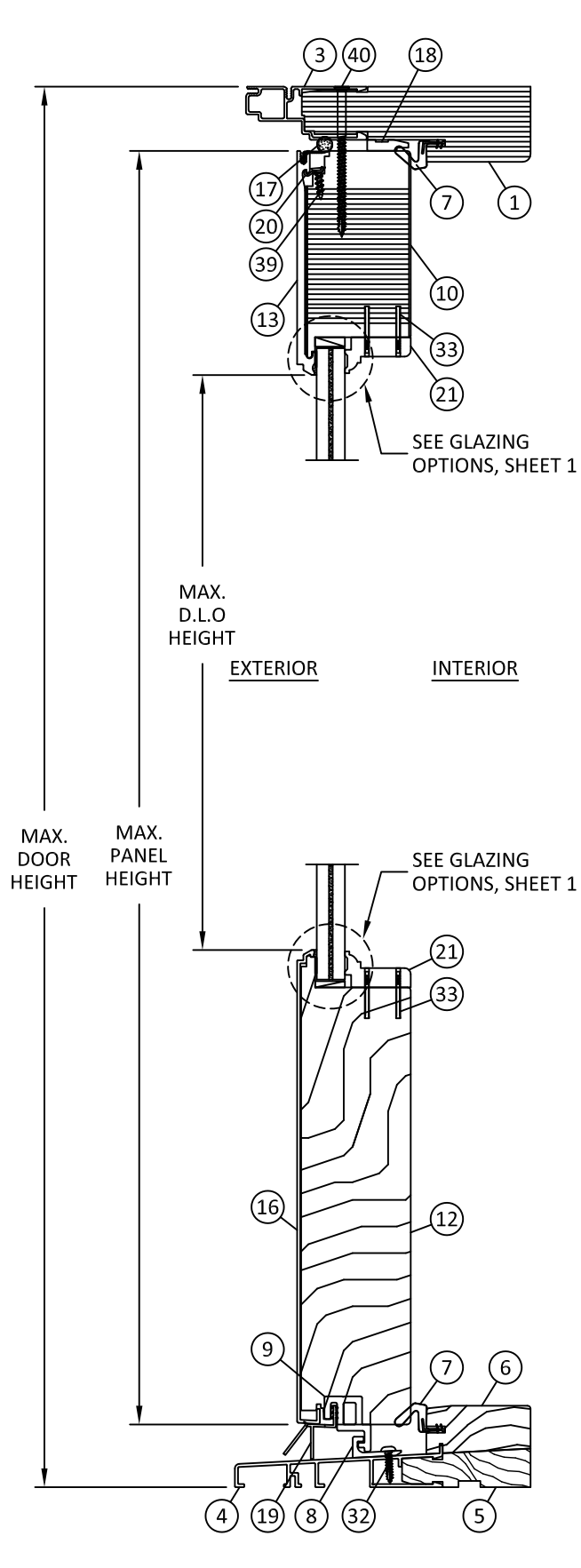
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SCALE: **NTS**

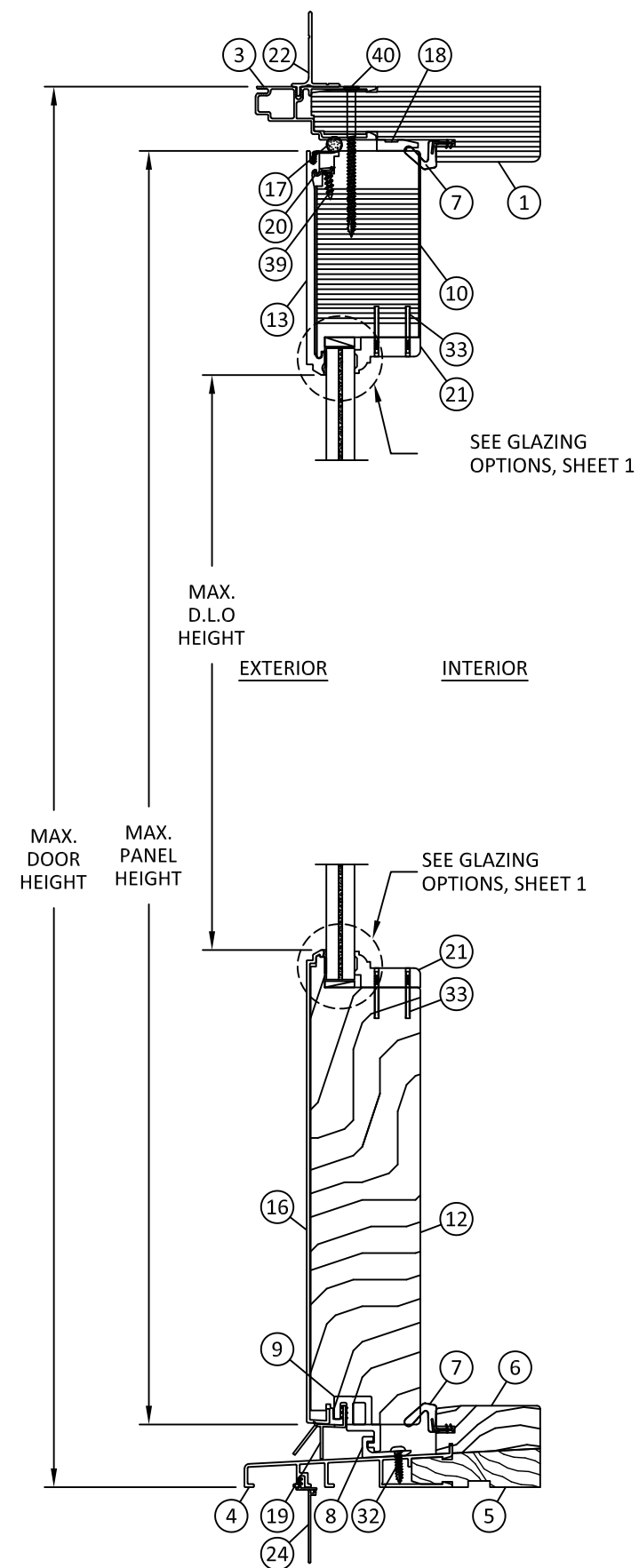
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SHEET 6	REV. A
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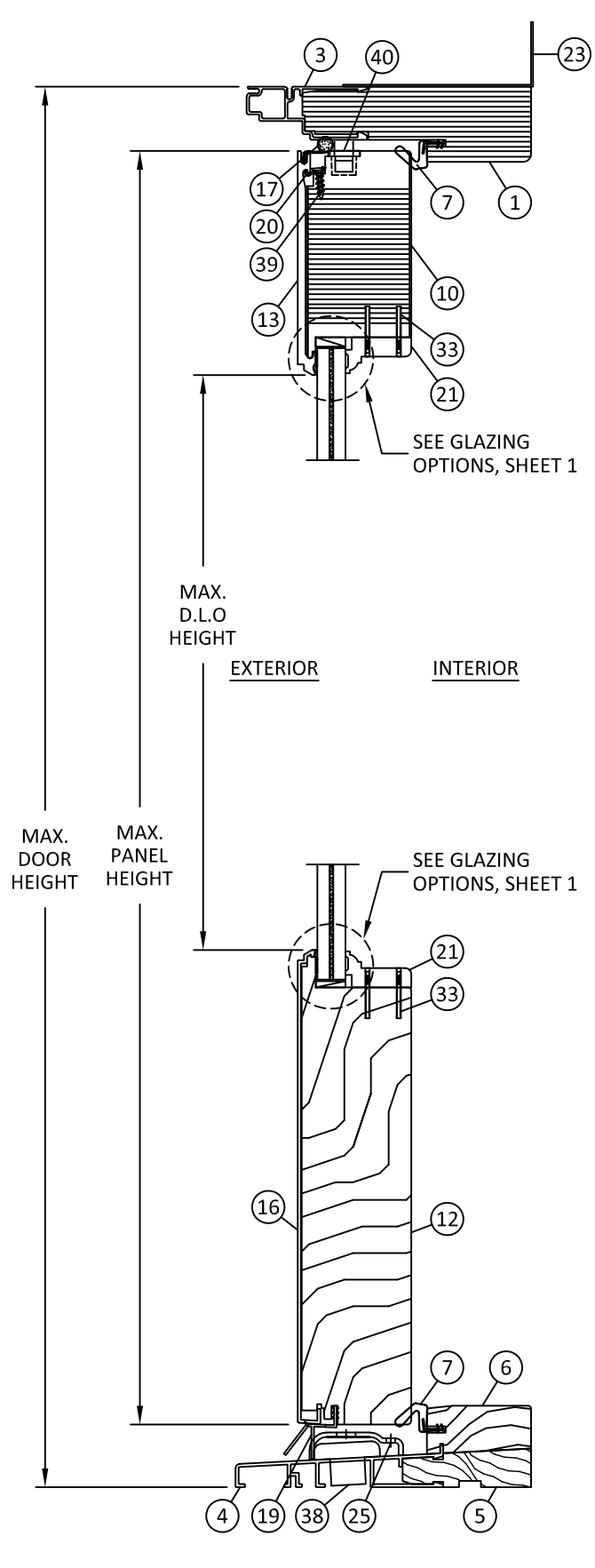
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A
7 **VERTICAL SECTION**
THROUGH FRAME
FIXED DOOR



B
7 **VERTICAL SECTION**
NAIL FIN
FIXED DOOR



C
7 **VERTICAL SECTION**
INSTALLATION CLIP
OPERABLE DOOR



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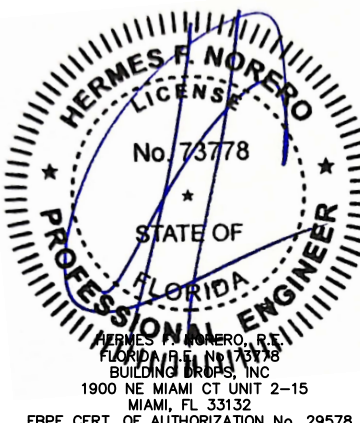
VERTICAL SECTIONS

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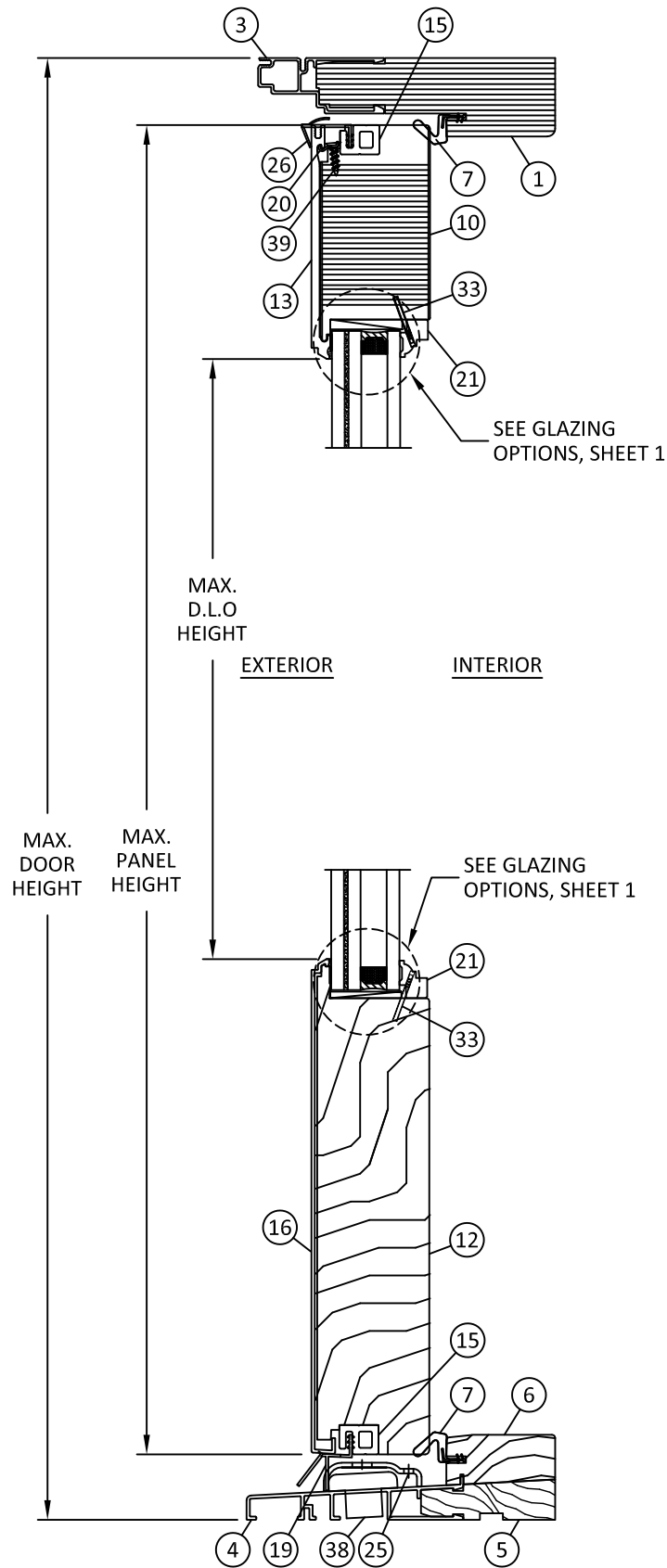
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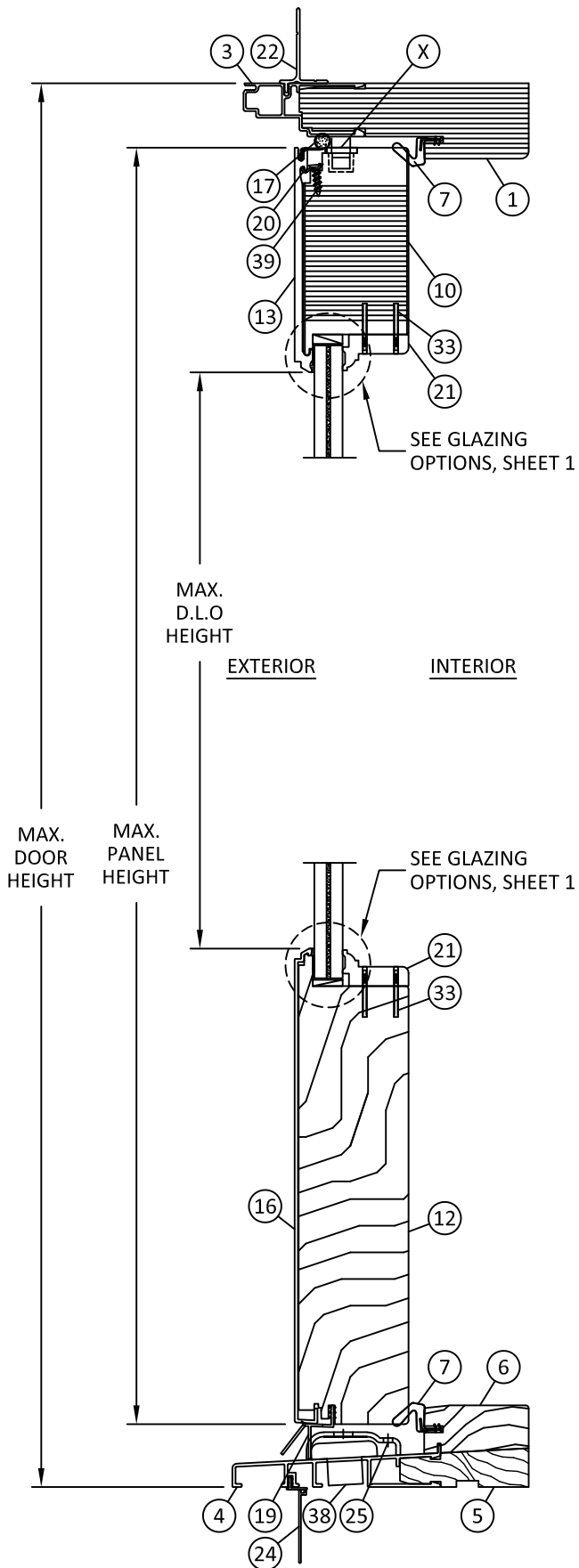
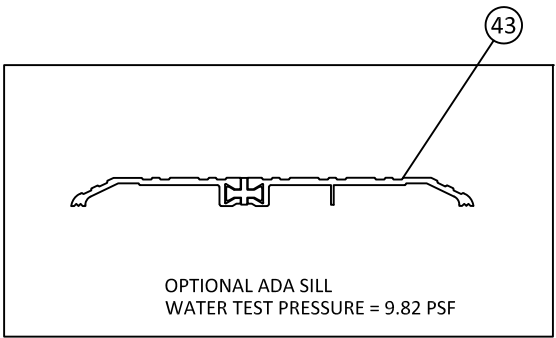
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A
8 **VERTICAL SECTION**
THROUGH FRAME
OPERABLE DOOR



B
8 **VERTICAL SECTION**
NAIL FIN
OPERABLE DOOR



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TITLE: **FEEL SAFE FULL RADIUS
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VERTICAL SECTIONS

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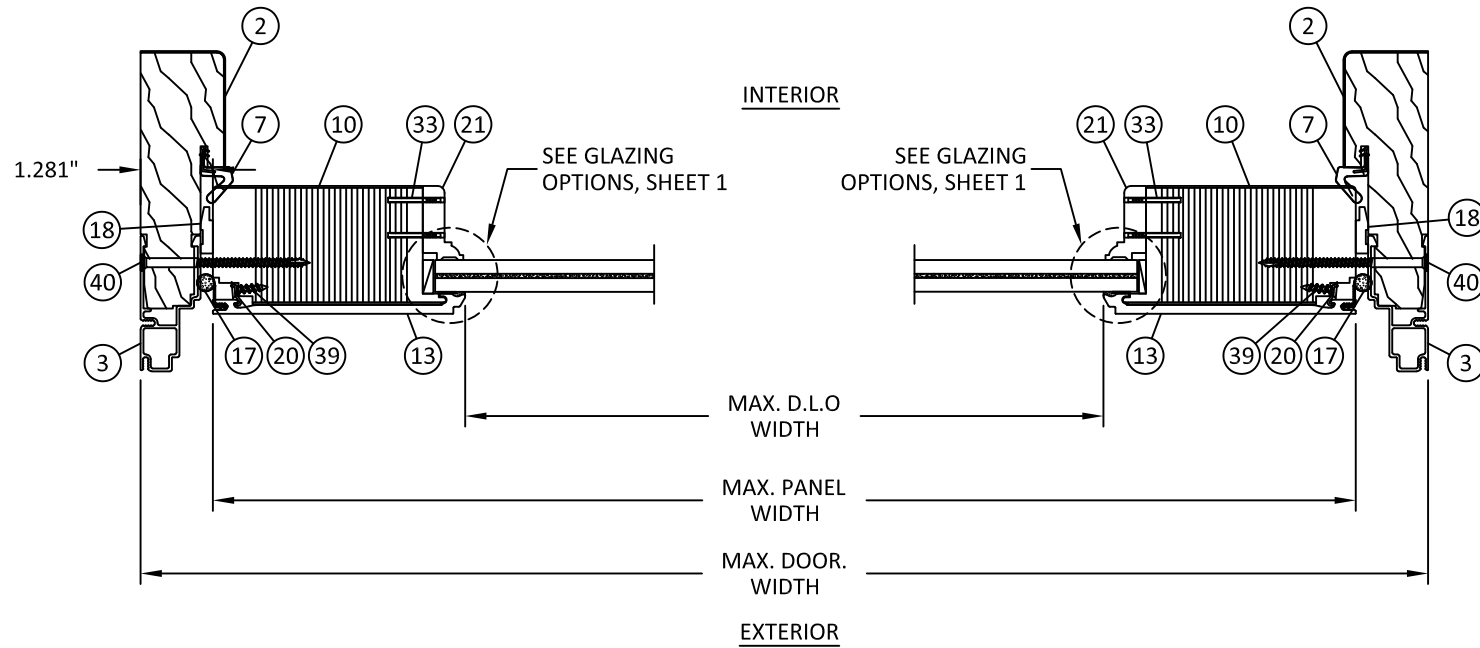
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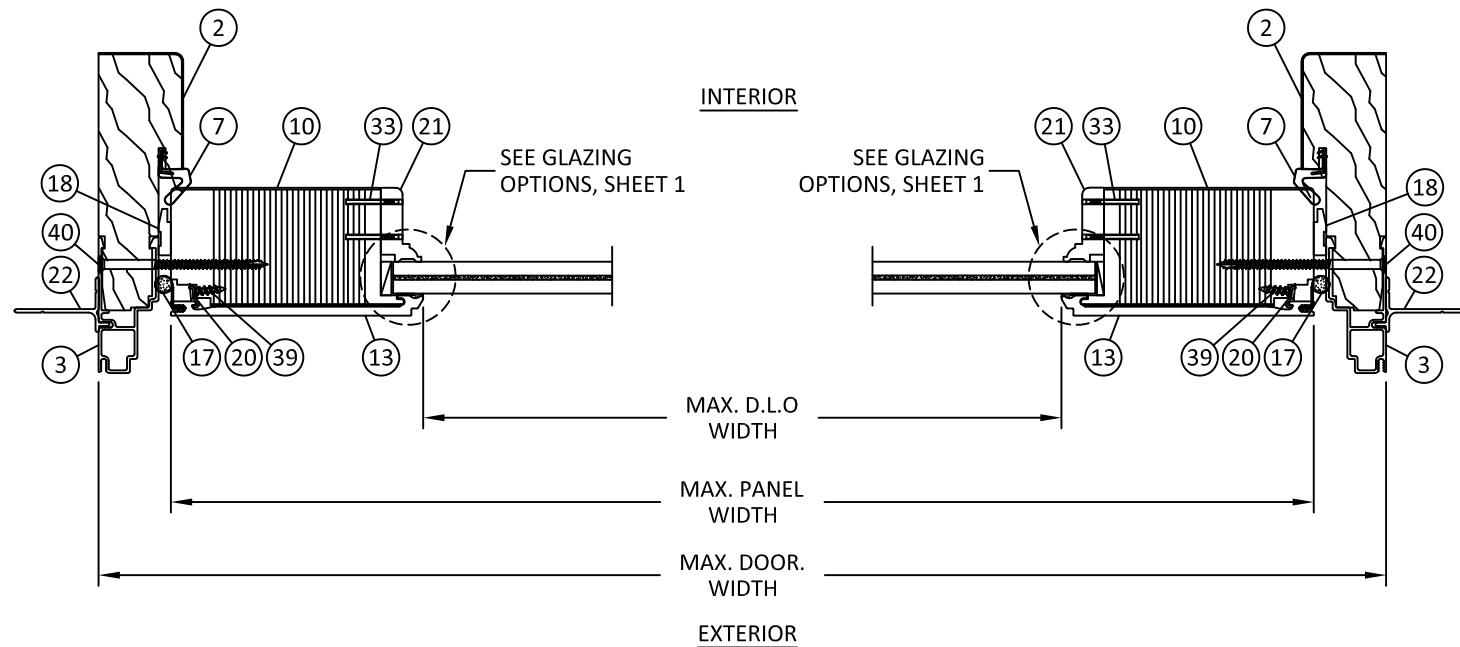
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A **HORIZONTAL SECTION**
9 JAMB OUTSWING THROUGH FRAME

B **HORIZONTAL SECTION**
9 JAMB OUTSWING THROUGH FRAME



C **HORIZONTAL SECTION**
9 JAMB OUTSWING NAIL FIN

D **HORIZONTAL SECTION**
9 JAMB OUTSWING NAIL FIN



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HORIZONTAL SECTIONS

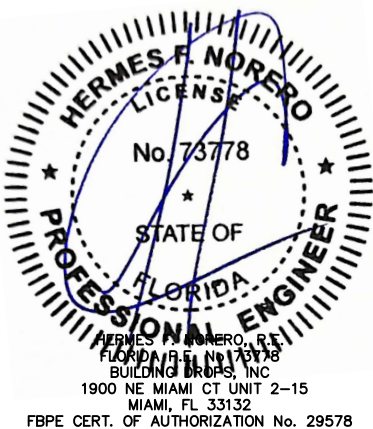
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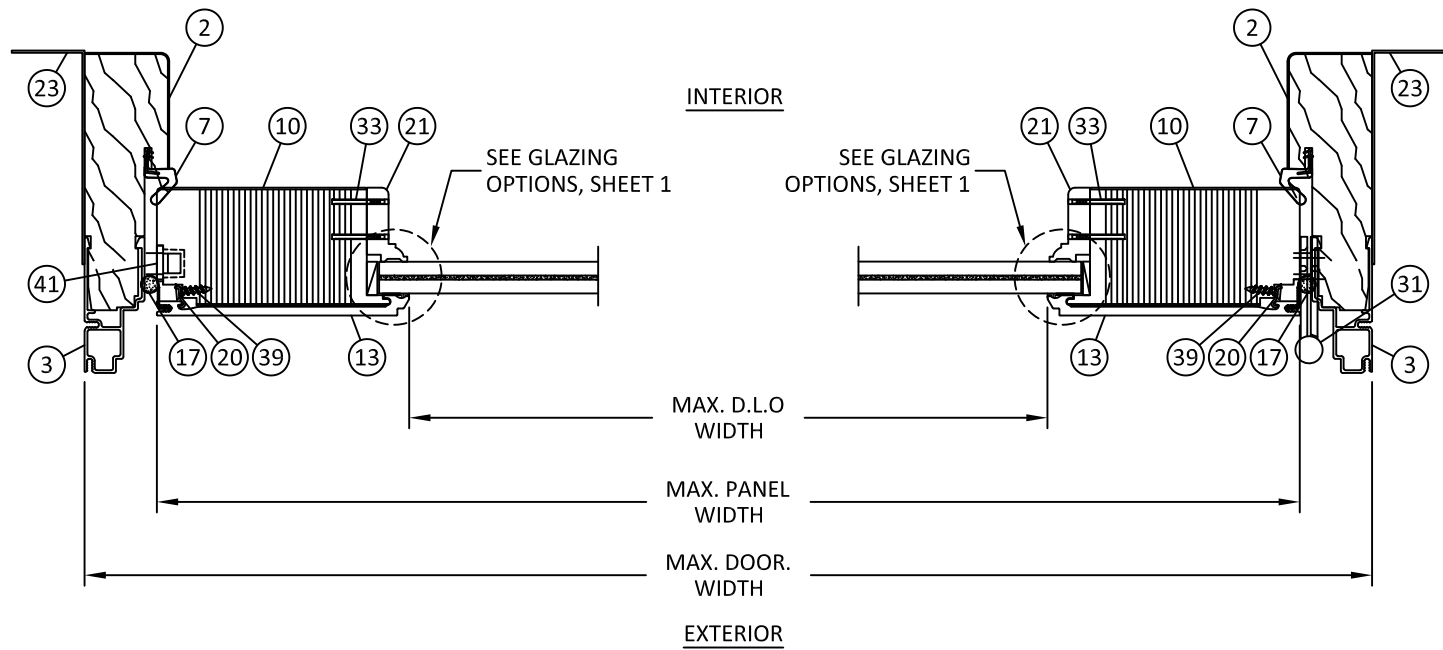
REMARKS	BY	DATE
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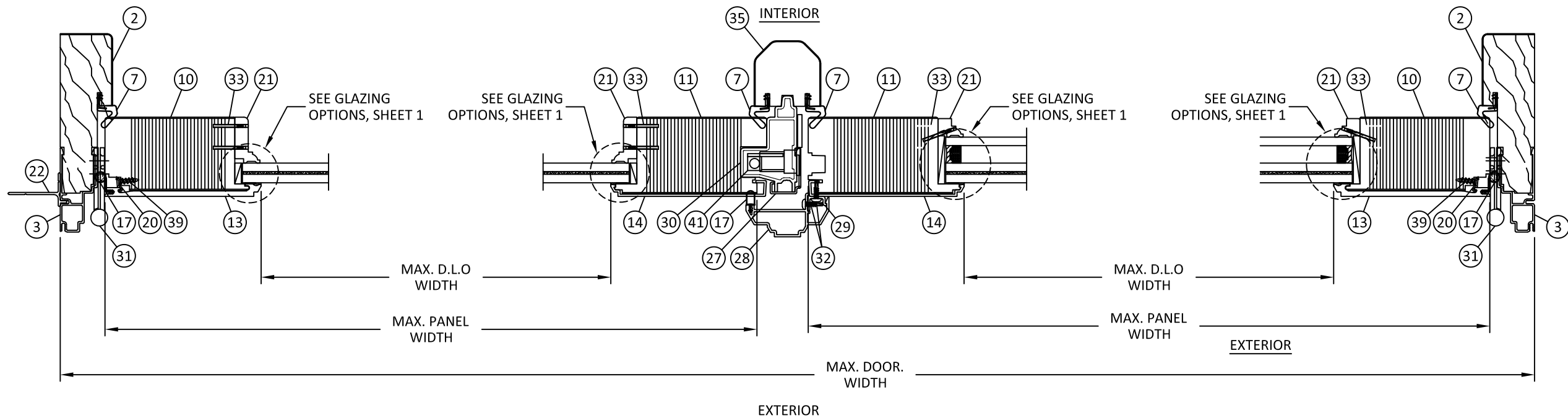
FL #:	FL47251
DATE:	01.16.25
DWG. BY:	FB
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	SPW013
SHEET	9
REV.	A

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A HORIZONTAL SECTION
10 JAMB OUTSWING CLIP

B HORIZONTAL SECTION
10 JAMB OUTSWING CLIP



C HORIZONTAL SECTION
10 JAMB OUTSWING NAIL FIN

D HORIZONTAL SECTION
10 ASTRAGAL

E HORIZONTAL SECTION
10 JAMB OUTSWING THROUGH FRAME



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RED BLUFF, CA 96080
(530) 527-9620

TITLE: FEEL SAFE FULL RADIUS
OS DOORS (HVHZ) (IMPACT)

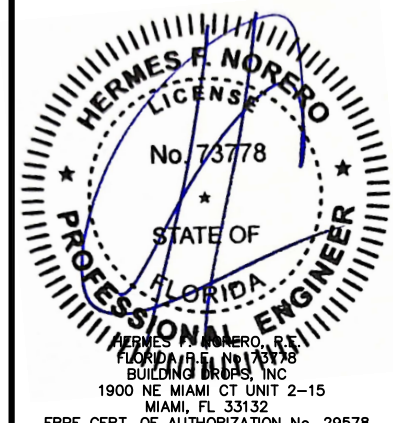
HORIZONTAL SECTIONS

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT UNIT 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



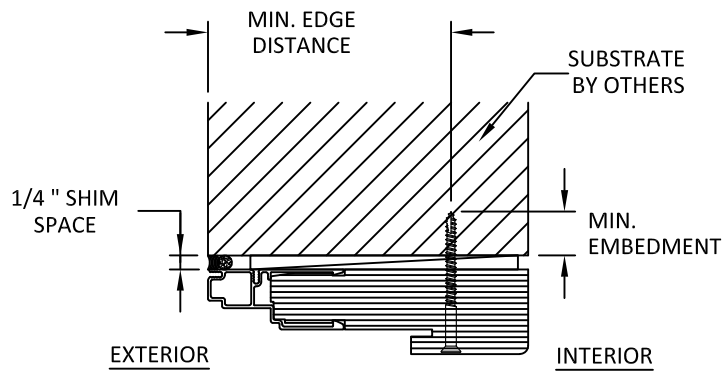
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2026 FBC UPDATE	LS	06/26

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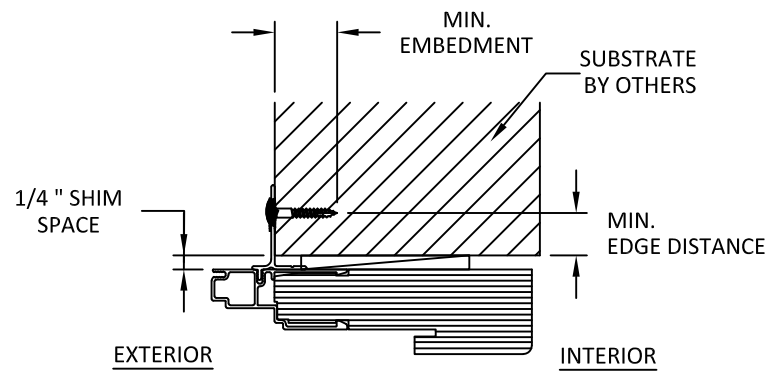
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DATE:	01.16.25
DWG. BY:	FB
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SCALE:	NTS
DWG. #:	SPW013
SHEET	10
REV.	A

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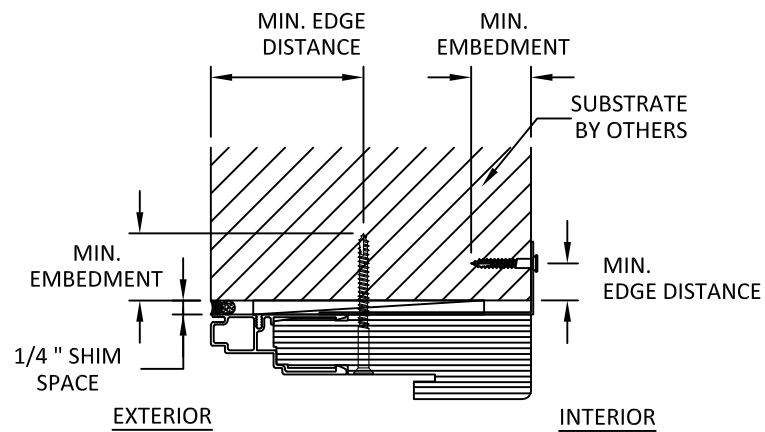
A
11 **ANCHOR DETAIL**
THROUGH FRAME (HEAD)

NOTE:
• JAMB HAS SIMILAR DETAIL.



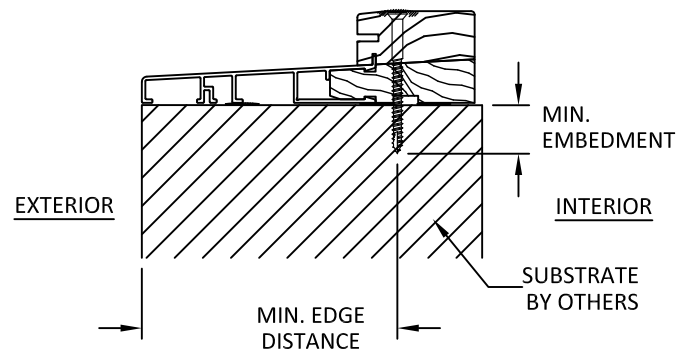
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11 **ANCHOR DETAIL**
NAIL FIN (HEAD)

NOTE:
• JAMB HAS SIMILAR DETAIL.

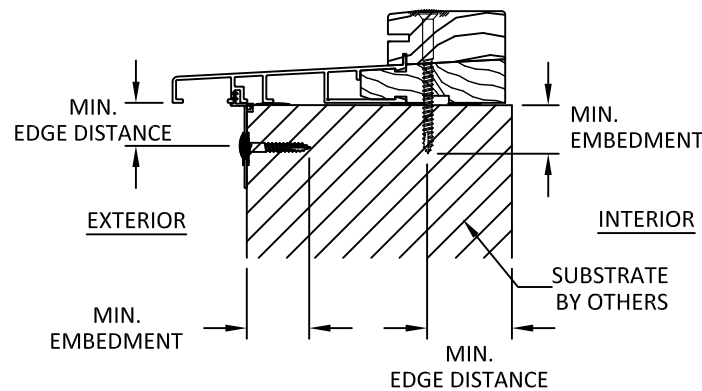


C
11 **ANCHOR DETAIL**
INSTALLATION CLIP (HEAD)

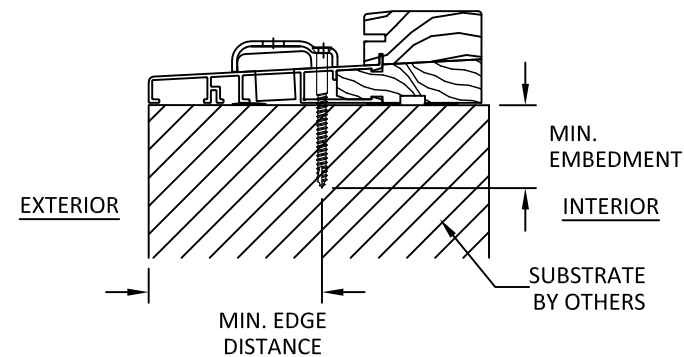
NOTE:
• JAMB HAS SIMILAR DETAIL.



D
11 **ANCHOR DETAIL**
THRU FRAME (FIXED SILL)



E
11 **ANCHOR DETAIL**
NAIL FIN (FIXED SILL)



F
11 **ANCHOR DETAIL**
INSTALLATION CLIP (OPERABLE SILL)



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TITLE: FEEL SAFE FULL RADIUS
OS DOORS (HVHZ) (IMPACT)

ANCHOR DETAILS

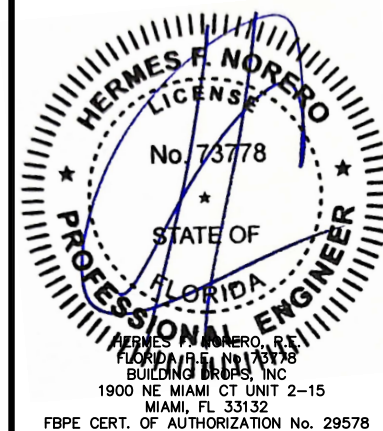
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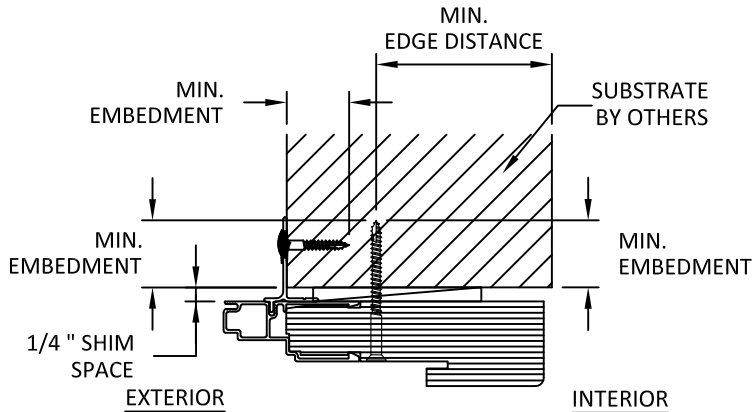
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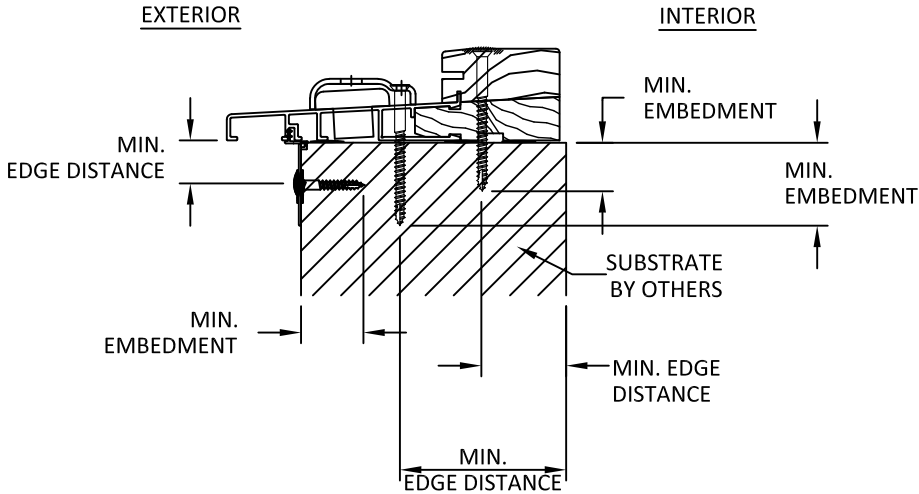


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SHEET	11	REV. A

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A
12
ANCHOR DETAIL
NAIL FIN (HEAD)
NOTE:
• JAMB HAS SIMILAR DETAIL.



B
12
ANCHOR DETAIL
NAIL FIN (OPERABLE SILL)

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN UNLESS OTHERWISE SPECIFIED.
- INSTALLATION ANCHOR FROM HINGE THOUGH FRAME INTO SUBSTRATE WITH APPROPRIATE EMBEDMENT, EDGE DISTANCE AND ANCHOR TYPE. REFER TO ANCHOR SCHEDULE ON THIS SHEET.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
- FOR MASONRY OR CONCRETE OPENINGS A 1X WOOD BUCK MAY BE USED (OPTIONAL) AS LONG AS THE MINIMUM EMBEDMENT AND EDGE DISTANCE REQUIREMENTS ARE STILL MET WITHIN THE CORRESPONDING HOST SUBSTRATE. SEE GENERAL NOTE #3 ON SHEET 1 FOR MORE INFORMATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH THE DEPICTED LOCATION & SPACING IN THE ANCHOR LAYOUT DETAILS (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY, HIGH IMPACT, NON-METALIC, NON COMPRESSIBLE, NATURALLY DURABLE & PRESERVATIVE TREATED MATERIALS.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING:
 - FASTENERS USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED SPACES SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.1 (E.G., ASTM A153 CLASS D, ASTM A641 CLASS 3S, OR EQUIVALENT CORROSION RESISTANCE).
 - CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.2 (E.G., ASTM A653 G90, ASTM A123, OR PROTECTIVE COATING PER TPI 1).
- FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
- INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.

ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR SCHEDULE	MIN EMBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME	WOOD: MIN. SG=0.55	#12 WOOD SCREW	1.5"	0.75"
	METAL: 16 GAUGE STEEL, MIN. Fy=33KSI	1/4" TEK SCREW	3 THREADS MIN. PENETRATION BEYOND METAL	0.50"
	CONCRETE: f'c=3000PSI	3/16" ITW TAPCON	1"	2.25"
	MASONRY: CMU PER ASTM C90 f'c=2000PSI	3/16" ITW TAPCON	1"	2.00"
NAIL FIN	WOOD: MIN. SG=0.55	#12 WOOD SCREW	1.5"	0.75"
	METAL: 16 GAUGE STEEL, MIN. Fy=33KSI	1/4" TEK SCREW	3 THREADS MIN. PENETRATION BEYOND METAL	0.50"
CLIP	WOOD: MIN. SG=0.55	#12 WOOD SCREW	1.5"	0.75"
	METAL: 16 GAUGE STEEL, MIN. Fy=33KSI	1/4" TEK SCREW	3 THREADS MIN. PENETRATION BEYOND METAL	0.50"



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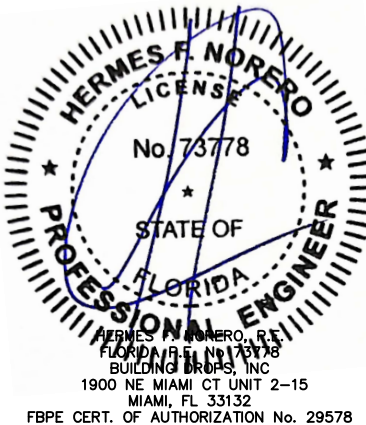
TITLE: **FEEL SAFE FULL RADIUS OS DOORS (HVHZ) (IMPACT)**
ANCHOR DETAILS, SCHEDULE AND INSTALLATION NOTES

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MIAMI, FL 33132
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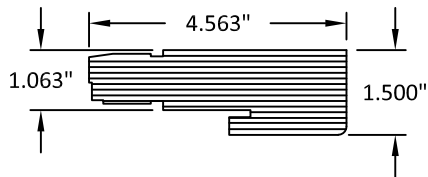
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SHEET **12** REV. **A**

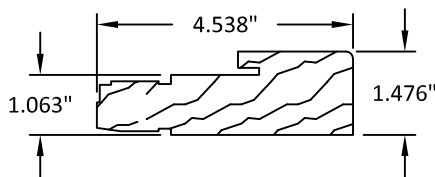
OF 19

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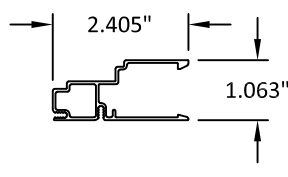
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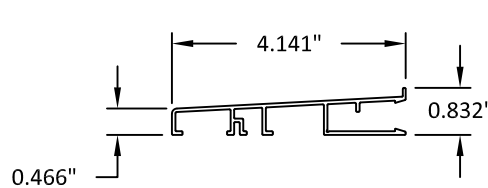
2 JAMB



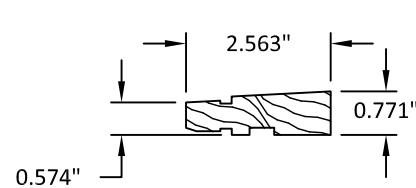
3 FRAME CLADDING PROFILE



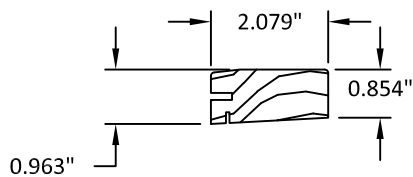
4 SILL PROFILE



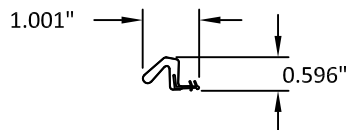
5 SILL THRESHOLD BASE



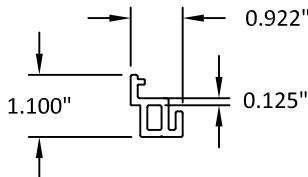
6 SILL THRESHOLD



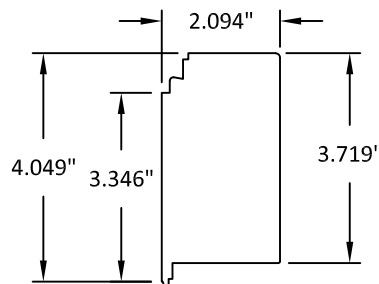
7 FRAME STOP WEATHER STRIP



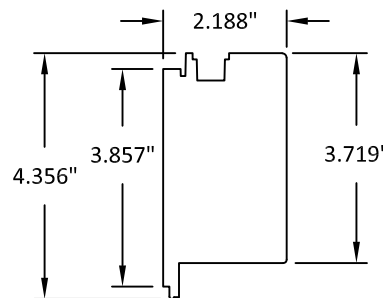
9 BOTTOM RAIL REINFORCEMENT



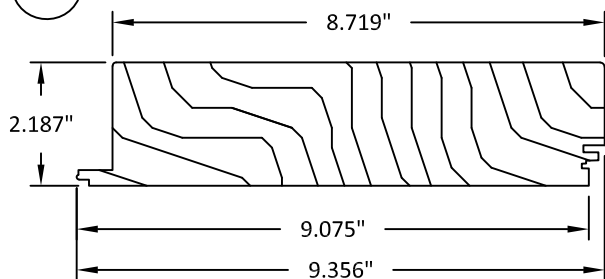
10 RAIL & STILE PROFILE



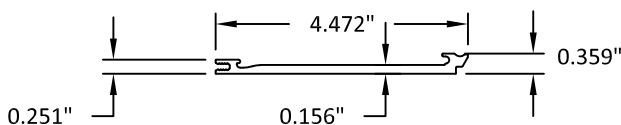
11 STILE PROFILE



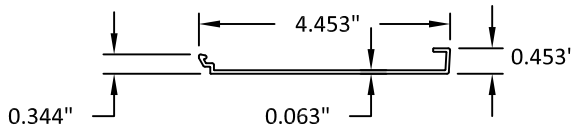
12 9 3/8" BOTTOM RAIL



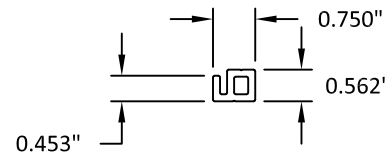
13 IS & OS RADIUS PROFILE



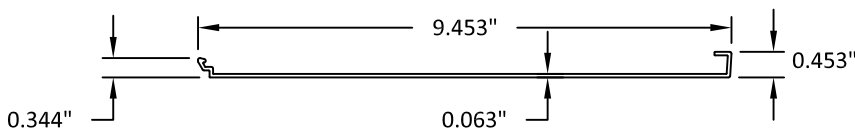
14 4 1/2" RAIL & STILE CLADDING PROFILE



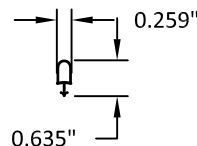
15 PANEL REINFORCEMENT



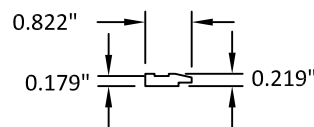
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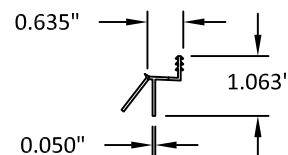
17 OS WEATHER STRIP



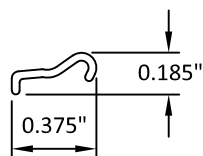
18 OS STILE SHIM



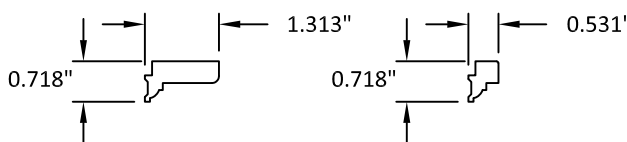
19 OS BOTTOM RAIL WEATHER STRIP PROFILE



20 OS CLADDING CLIP



21 TRADITIONAL OR CONTEMPORARY BEAD



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TITLE: FEEL SAFE FULL RADIUS
OS DOORS (HVHZ) (IMPACT)

COMPONENTS

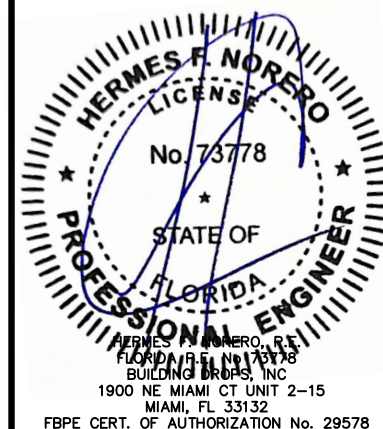
PREPARED BY: BUILDING DROPS, INC.

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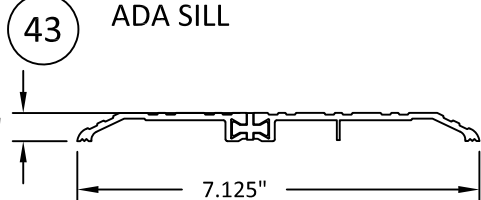
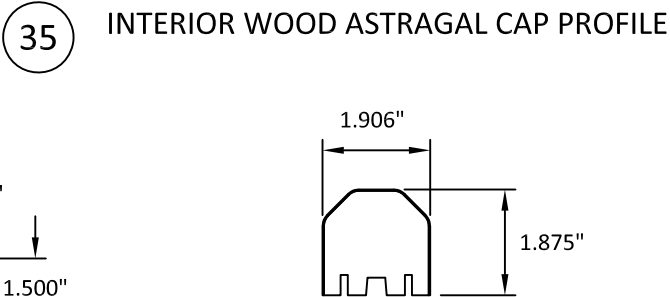
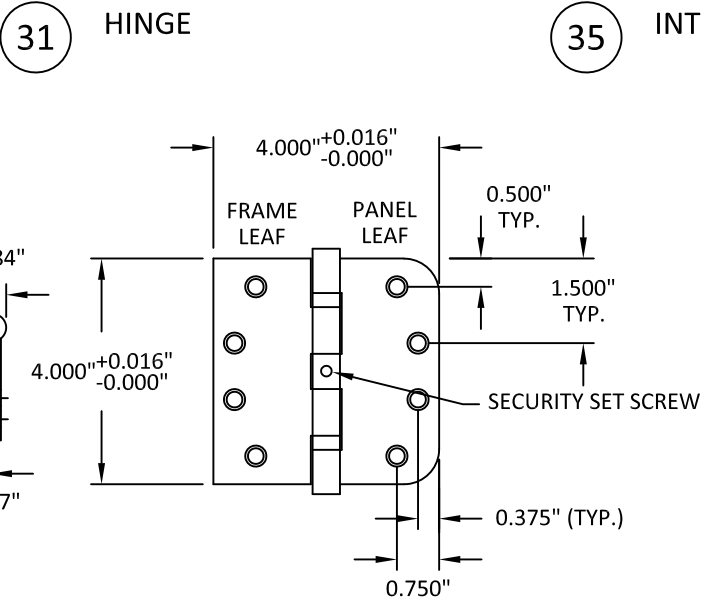
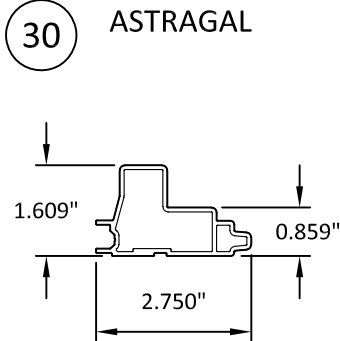
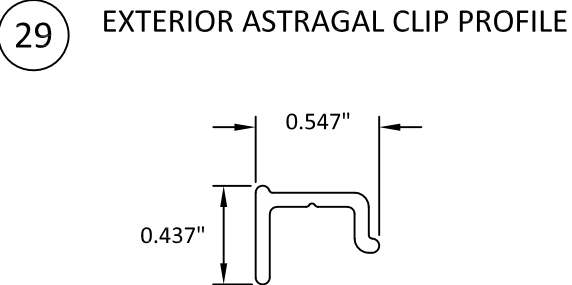
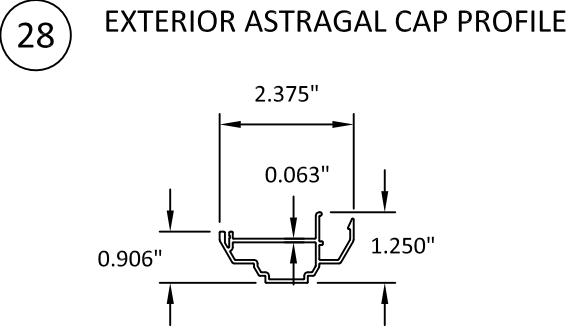
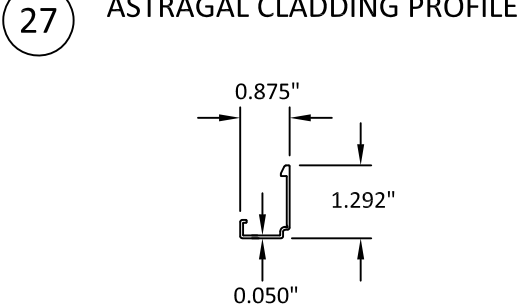
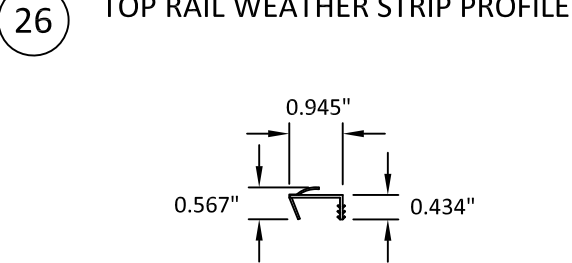
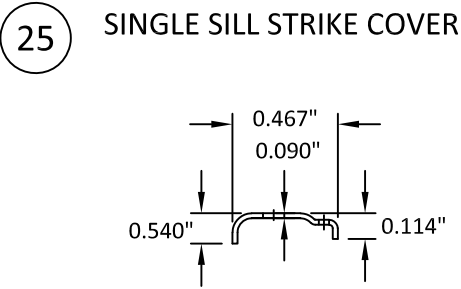
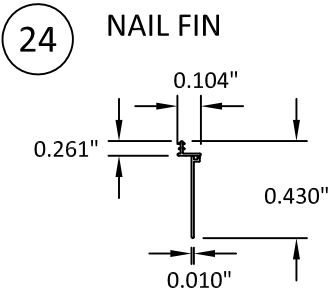
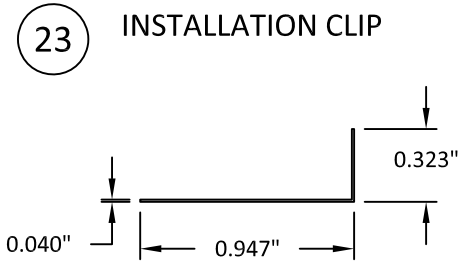
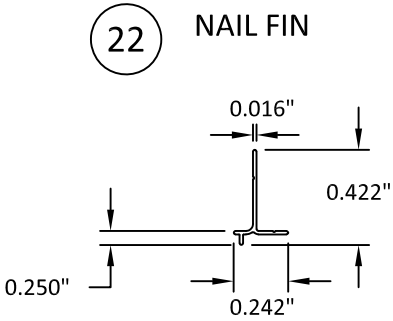
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BILL OF MATERIAL			
ITEM #	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	HEAD	WOOD	SIERRA PACIFIC WINDOWS
2	JAMB	WOOD	SIERRA PACIFIC WINDOWS
3	FRAME CLADDING PROFILE	ALUMINUM	SIERRA PACIFIC WINDOWS
4	SILL PROFILE	ALUMINUM	SIERRA PACIFIC WINDOWS
5	SILL TRESHOLD BASE	WOOD	SIERRA PACIFIC WINDOWS
6	SILL THRESHOLD	WOOD	SIERRA PACIFIC WINDOWS
7	FRAME STOP WEATHER STRIP	WEATHER STRIP	SIERRA PACIFIC WINDOWS
8	FIXED PANEL SILL LOCATOR	ALUMINUM	SIERRA PACIFIC WINDOWS
9	BOTTOM RAIL REINFORCEMENT	ALUMINUM	SIERRA PACIFIC WINDOWS
10	RAIL & STILE PROFILE	WOOD	SIERRA PACIFIC WINDOWS
11	STILE PROFILE	WOOD	SIERRA PACIFIC WINDOWS
12	9 3/8" BOTTOM RAIL	WOOD	SIERRA PACIFIC WINDOWS
13	IS & OS RADIUS PROFILE	ALUMINUM	SIERRA PACIFIC WINDOWS
14	4 1/2" RAIL & STILE CLADDING PROFILE	ALUMINUM	SIERRA PACIFIC WINDOWS
15	PANEL REINFORCEMENT	ALUMINUM	SIERRA PACIFIC WINDOWS
16	9 1/2" BOTTOM RAIL CLADDING PROFILE	ALUMINUM	SIERRA PACIFIC WINDOWS
17	OS WEATHER STRIP	WEATHER STRIP	SIERRA PACIFIC WINDOWS
18	OS STILE SHIM	NEOPRENE	SIERRA PACIFIC WINDOWS
19	OS BOTTOM RAIL PROFILE	WEATHER STRIP	SIERRA PACIFIC WINDOWS
20	OS CLADDING CLIP	STEEL	SIERRA PACIFIC WINDOWS
21	TRADITIONAL OR CONTEMPORARY BEAD	WOOD	SIERRA PACIFIC WINDOWS
22	NAIL FIN	ALUMINUM	SIERRA PACIFIC WINDOWS
23	INSTALLATION CLIP	STEEL	SIERRA PACIFIC WINDOWS
24	NAIL FIN	VINYL	SIERRA PACIFIC WINDOWS
25	SINGLE SILL STRIKE COVER	STEEL	SIERRA PACIFIC WINDOWS
26	TOP RAIL WEATHER STRIP PROFILE	WEATHER STRIP	SIERRA PACIFIC WINDOWS
27	ASTRAGAL CLADDING PROFILE	ALUMINUM	SIERRA PACIFIC WINDOWS
28	EXTERIOR ASTRAGAL CAP PROFILE	ALUMINUM	SIERRA PACIFIC WINDOWS
29	EXTERIOR ASTRAGAL CLIP PROFILE	ALUMINUM	SIERRA PACIFIC WINDOWS
30	ASTRAGAL	ALUMINUM	SIERRA PACIFIC WINDOWS
31	HINGE	STAINLESS STEEL OR COATED SOLID BRASS	SIERRA PACIFIC WINDOWS
32	PART #010777 (#6 x 1/2" SELF DRILLING SCREW)		SIERRA PACIFIC WINDOWS
33	18 GA x 1" BRAD TRADITIONAL BEAD 18 GA x 1 1/4" CONTEMPORARY BEAD 2" FROM END, 8"-10" O.C.		
34	PART #094039 (.031" x 5/16"Ø CLEAR GLAZING BUMP-ON PLACE 3" FROM D.L.O. AND 16" O.C.)		SIERRA PACIFIC WINDOWS
35	INTERIOR WOOD ASTRAGAL CAP PROFILE	WOOD	SIERRA PACIFIC WINDOWS
36	SETTING BLOCK	NEOPRENE	SIERRA PACIFIC WINDOWS
37	SETTING BLOCK	NEOPRENE	SIERRA PACIFIC WINDOWS
38	SILL STRIKE	PVC	
39	#6 x 5/8" FH SS SCREW	SS	
40	#8 x 3" FH SS SCREW	SS	
41	SHOOTBOLT		HOPPE
42	ADA SILL		PEMKO



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TITLE: FEEL SAFE FULL RADIUS
OS DOORS (HVHZ) (IMPACT)

COMPONENTS AND
BILL OF MATERIALS

PREPARED BY: BUILDING DROPS, INC.

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MIAMI, FL 33132
PH: (954)399-8478
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WEB: www.buildingdrops.com



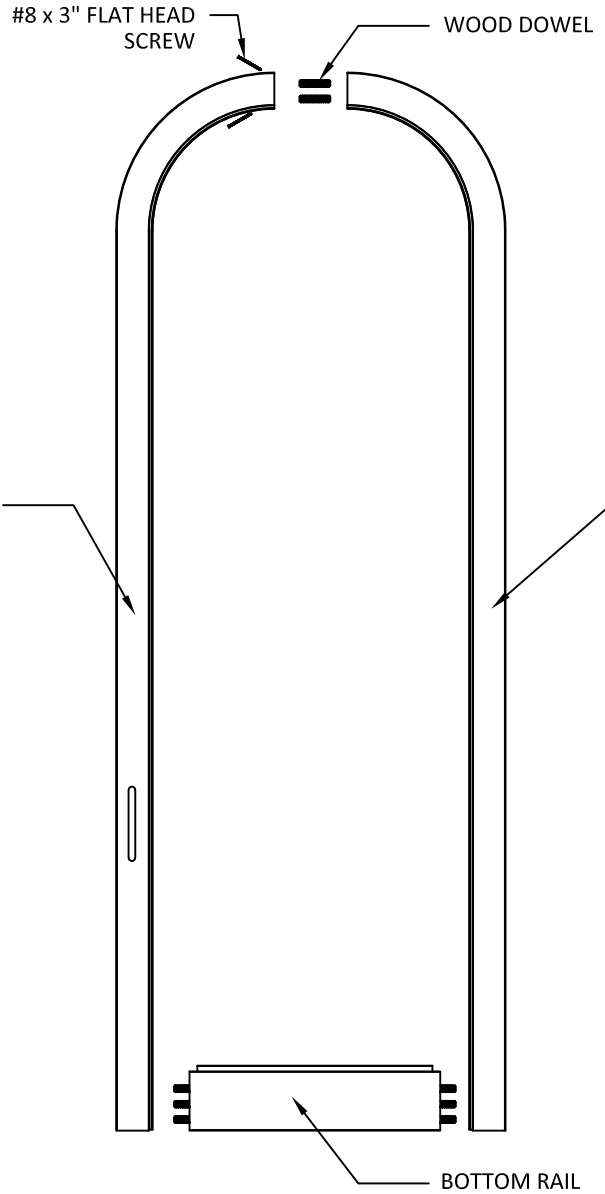
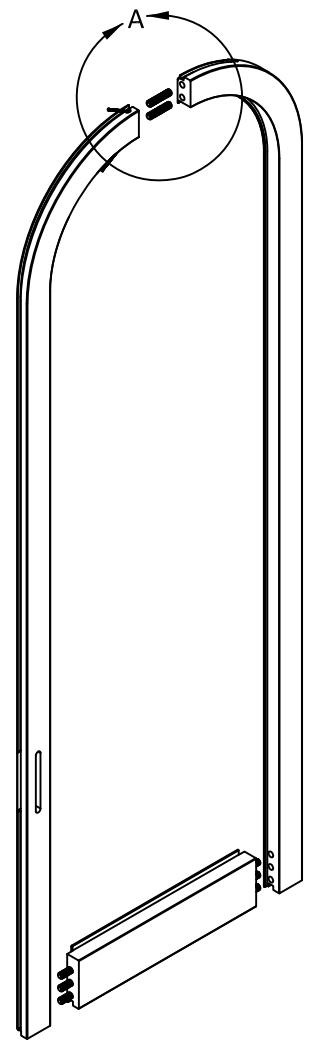
REMARKS	BY	DATE
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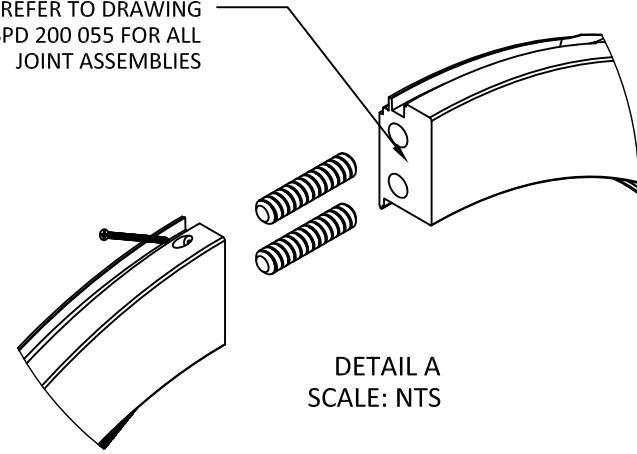
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DATE:	01.16.25
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SCALE:	NTS
DWG. #:	SPW013
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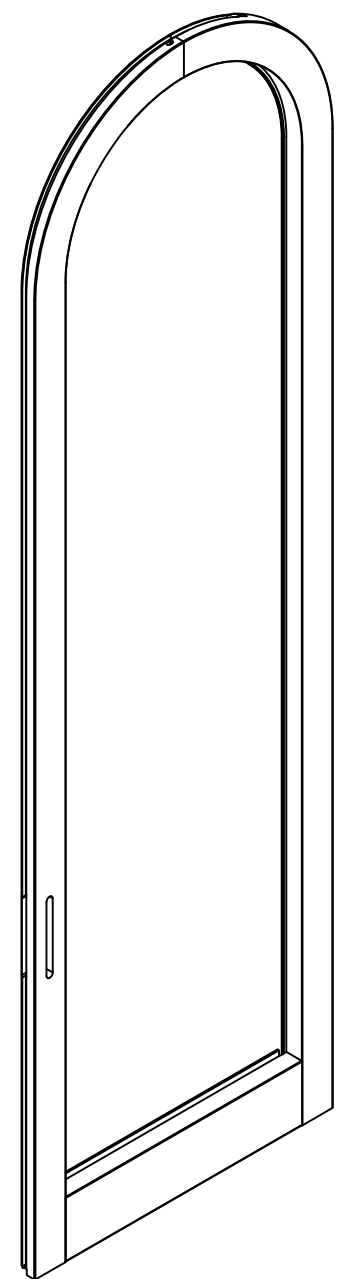


REINFORCE TOP JOINT
WITH 2 (1 INSIDE, 1
OUTSIDE) #8 X 3" FLAT
HEAD SCREWS.
PREDRILLED PILOT HOLES
REQUIRED, CTSK HEAD

REFER TO DRAWING
ESPD 200 055 FOR ALL
JOINT ASSEMBLIES



DETAIL A
SCALE: NTS





**SIERRA
PACIFIC
WINDOWS**
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TITLE: **FEEL SAFE FULL RADIUS
OS DOORS (HVHZ) (IMPACT)**

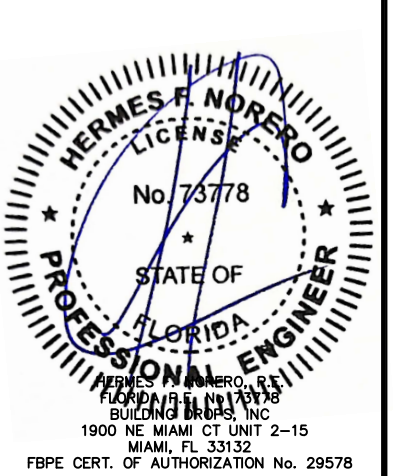
SASH ASSEMBLY - WOOD PORTION

PREPARED BY: **BUILDING DROPS, INC.**
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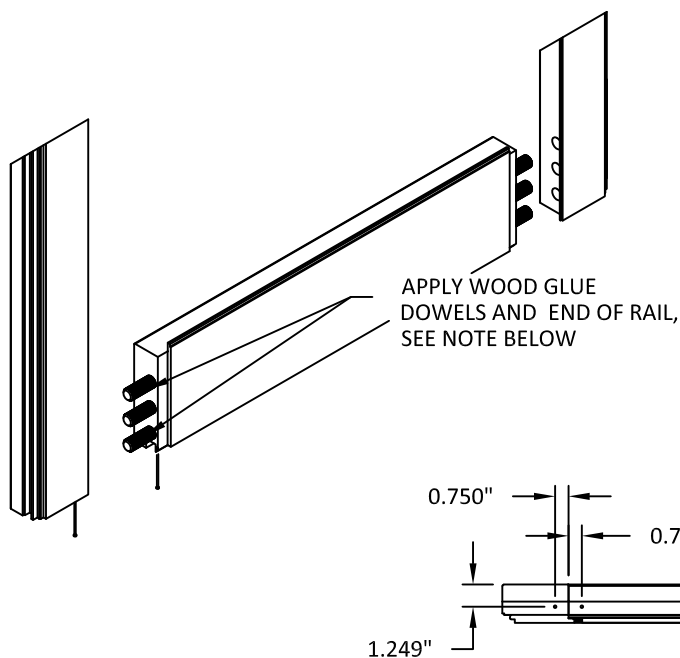
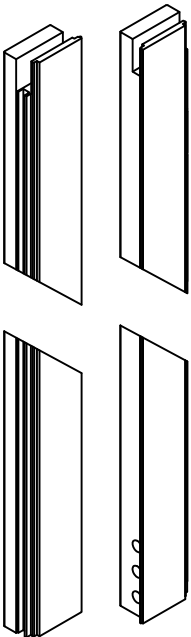
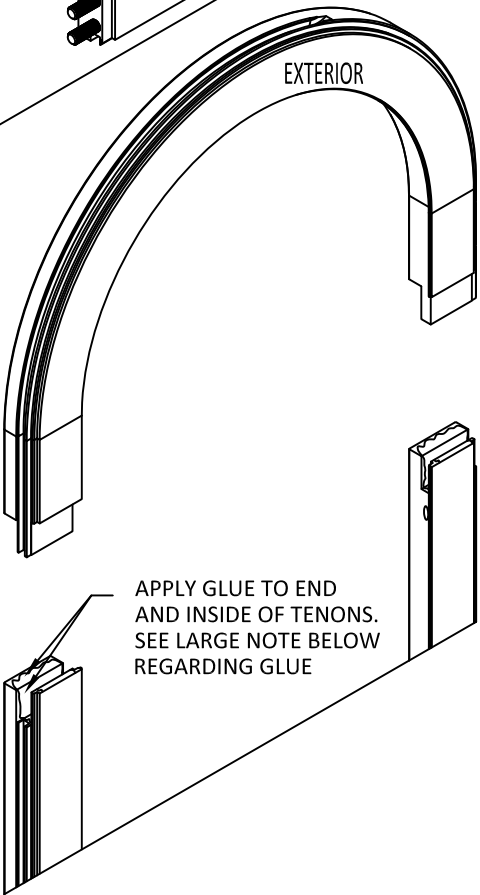
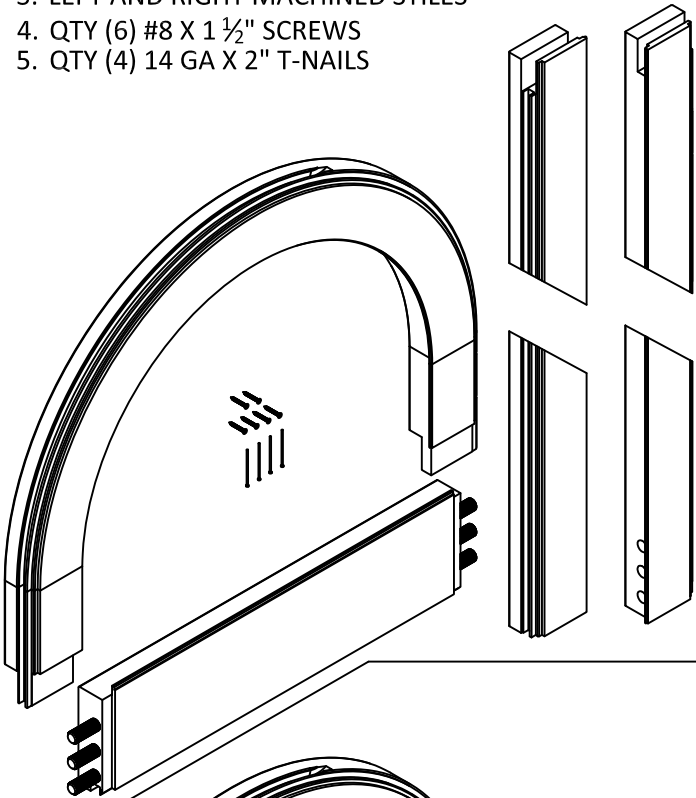
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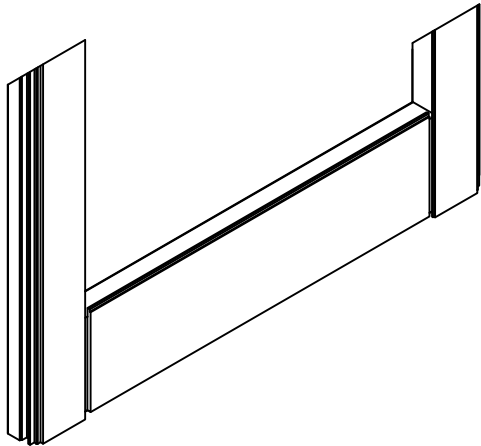
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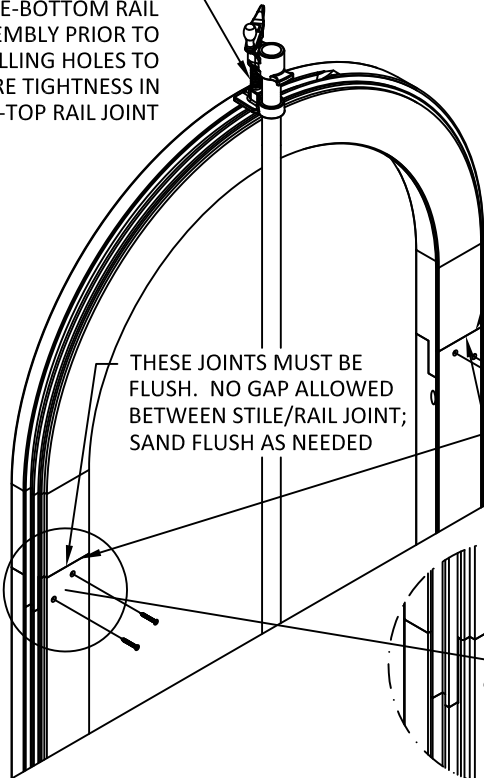
- START WITH:
- 1. RADIUS TOP RAIL
 - 2. BOTTOM RAIL WITH DOWELS APPLIED
 - 3. LEFT AND RIGHT MACHINED STILES
 - 4. QTY (6) #8 X 1 ½" SCREWS
 - 5. QTY (4) 14 GA X 2" T-NAILS



- BOTTOM RAIL - STILE ASSEMBLY
- 1. COAT JOINTS AND DOWELS WITH GLUE
 - 2. SLIDE STILES ON TO DOWELS
 - 3. CLAMP STILES TO BOTTOM RAIL
 - 4. T-NAIL DOWELS IN PLACE
 - 5. ALLOW GLUE TO DRY
 - 6. SEE LARGE NOTE BELOW REGARDING GLUE



CLAMP TOP RAIL TO STILE-BOTTOM RAIL ASSEMBLY PRIOR TO PRE-DRILLING HOLES TO INSURE TIGHTNESS IN STILE-TOP RAIL JOINT

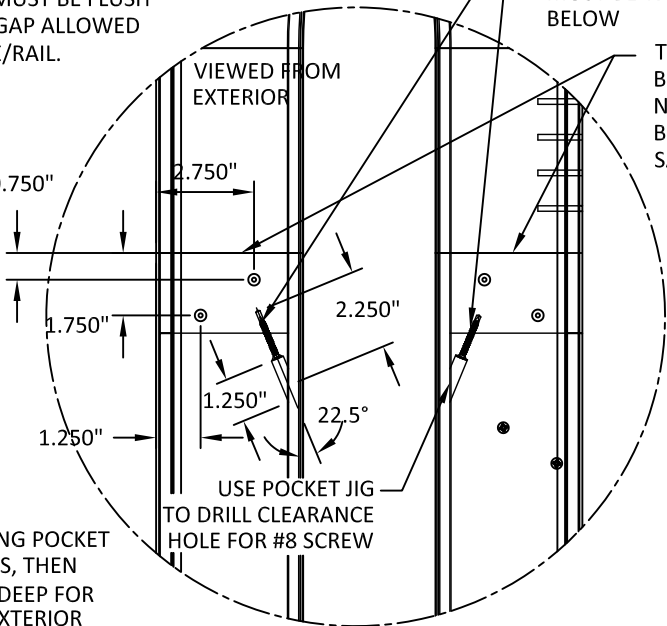


THESE JOINTS MUST BE FLUSH +/- 0.015. NO GAP ALLOWED BETWEEN STILE/RAIL.

AFTER INSTALLING POCKET HOLE FASTENERS, THEN PRE-DRILL 1 ¼" DEEP FOR #8 SCREW ON EXTERIOR WOOD FACE. SECURE WITH #8 X 1 ¼"

FASTEN WITH #8 X 1 ¼" SCREW. INTERIOR SURFACE MUST BE TIGHT PER SPEC BELOW

THESE JOINTS MUST BE FLUSH +/- 0.015. NO GAP ALLOWED BETWEEN STILE/RAIL SAND FLUSH.



- 1. COAT MORTISE AND TENON WITH GLUE
- 2. SLIDE TOP RAIL INTO STILES
- 3. SEE LARGE NOTE BELOW REGARDING GLUE

NOTE: APPLY THIN COATING OF WOOD GLUE (APPROXIMATELY 0.015"~0.020" THICK) TO RAIL DOWEL HOLES PRIOR TO INSERTING DOWEL. INSURE THAT GLUE COVERAGE IS EVEN AROUND PERIMETER AND DEPTH OF DOWEL HOLE. JUST PRIOR TO PANEL ASSEMBLY, APPLY THE SAME COATING OF GLUE TO THE STILE DOWEL HOLE AND A THIN COATING OF WOOD GLUE (APPROXIMATELY 0.015"~0.020" THICK) TO THE END OF THE WOOD RAIL. COMPLETELY COVER THE END OF THE WOOD RAIL HOLDING THE GLUE BACK 3/16" FROM THE INTERIOR FACE FOR THE PANEL. A SMALL FOAM BRUSH OR SMALL ROLLER CAN BE USED TO APPLY GLUE OR WHAT EVER PROVIDES THE BEST APPLICATION. EVEN COVERAGE OF GLUE IS IMPORTANT TO THE APPEARANCE AND PERFORMANCE OF THE PRODUCT. IF TO THICK OF GLUE IS APPLIED, IT WILL CAUSE SQUEEZE OUT AND CONTAMINATE THE PANEL AND EQUIPMENT. SINCE A THIN COATING OF GLUE IS REQUIRED, **THE PART MUST BE ASSEMBLED IMMEDIATELY DUE TO THE GLUE WILL DRY QUICKLY.**



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TITLE: FEEL SAFE FULL RADIUS
OS DOORS (HVHZ) (IMPACT)

PANEL ASSEMBLY - WOOD PORTION

PREPARED BY: BUILDING DROPS, INC.

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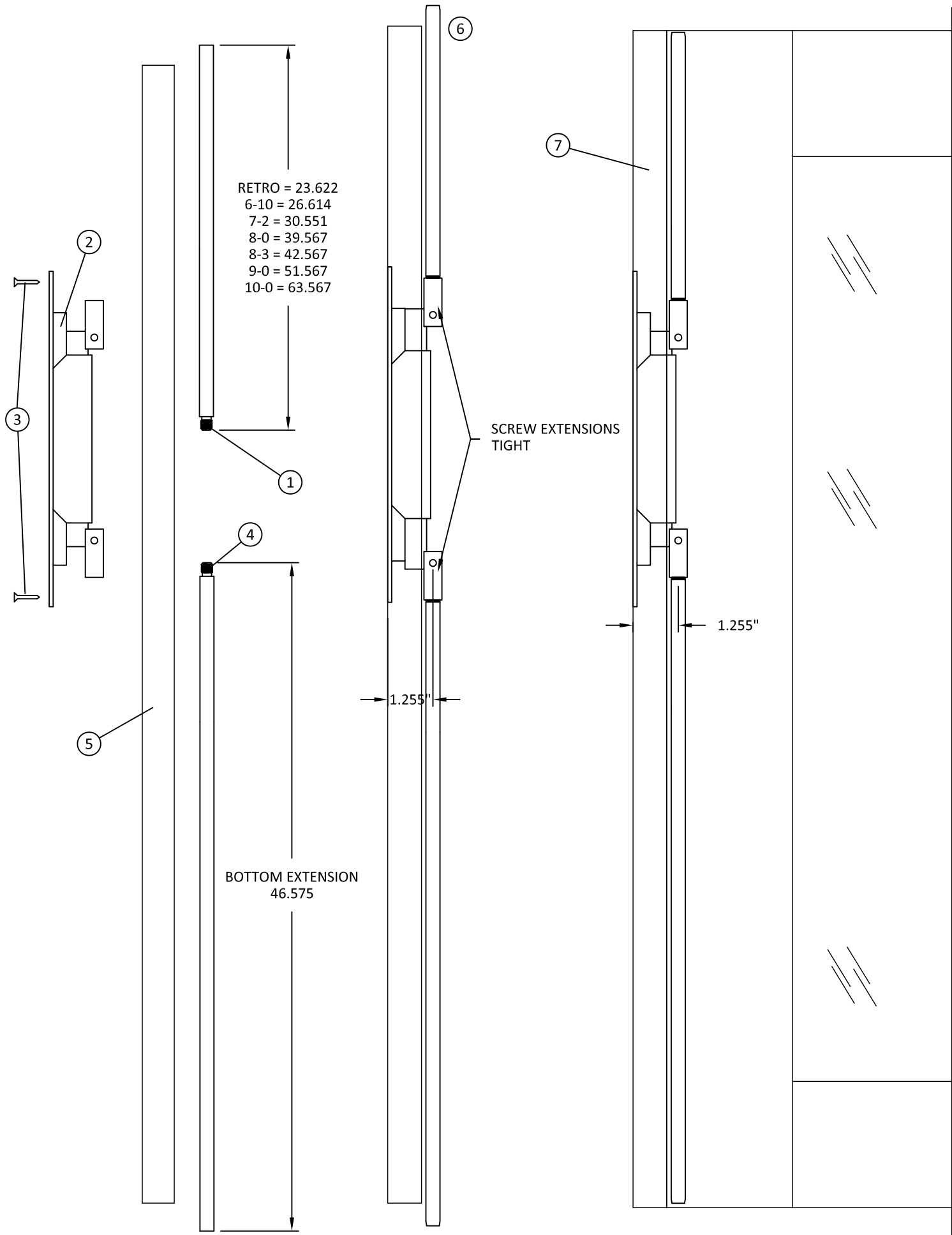
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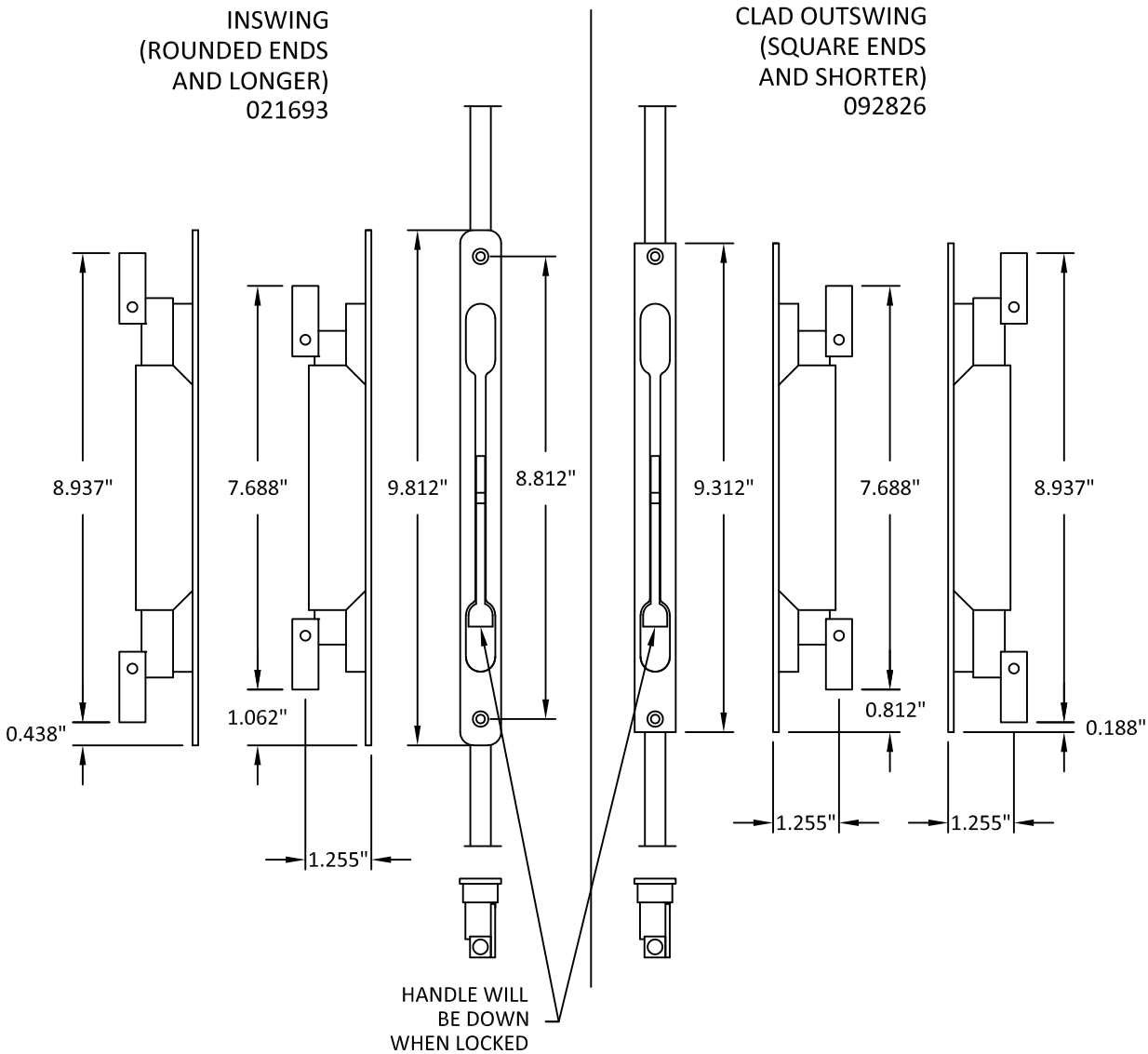


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No.	DESCRIPTION
1	TOP EXTENSION
2	2 PT. SHOOT BOLT HANDLE
3	FACEPLATE SCREWS
4	BOTTOM EXTENSION
5	ASTRAGAL
6	ASTRAGAL/2PT. SHOOT BOLT ASSEMBLY
7	ASTRAGAL/PANEL ASSEMBLY



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TITLE: **FEEL SAFE FULL RADIUS OS DOORS (HVHZ) (IMPACT)**

MANUAL SHOOT BOLT HARDWARE FOR INSWING AND OUTSWING DOOR

PREPARED BY: **BUILDING DROPS, INC.**

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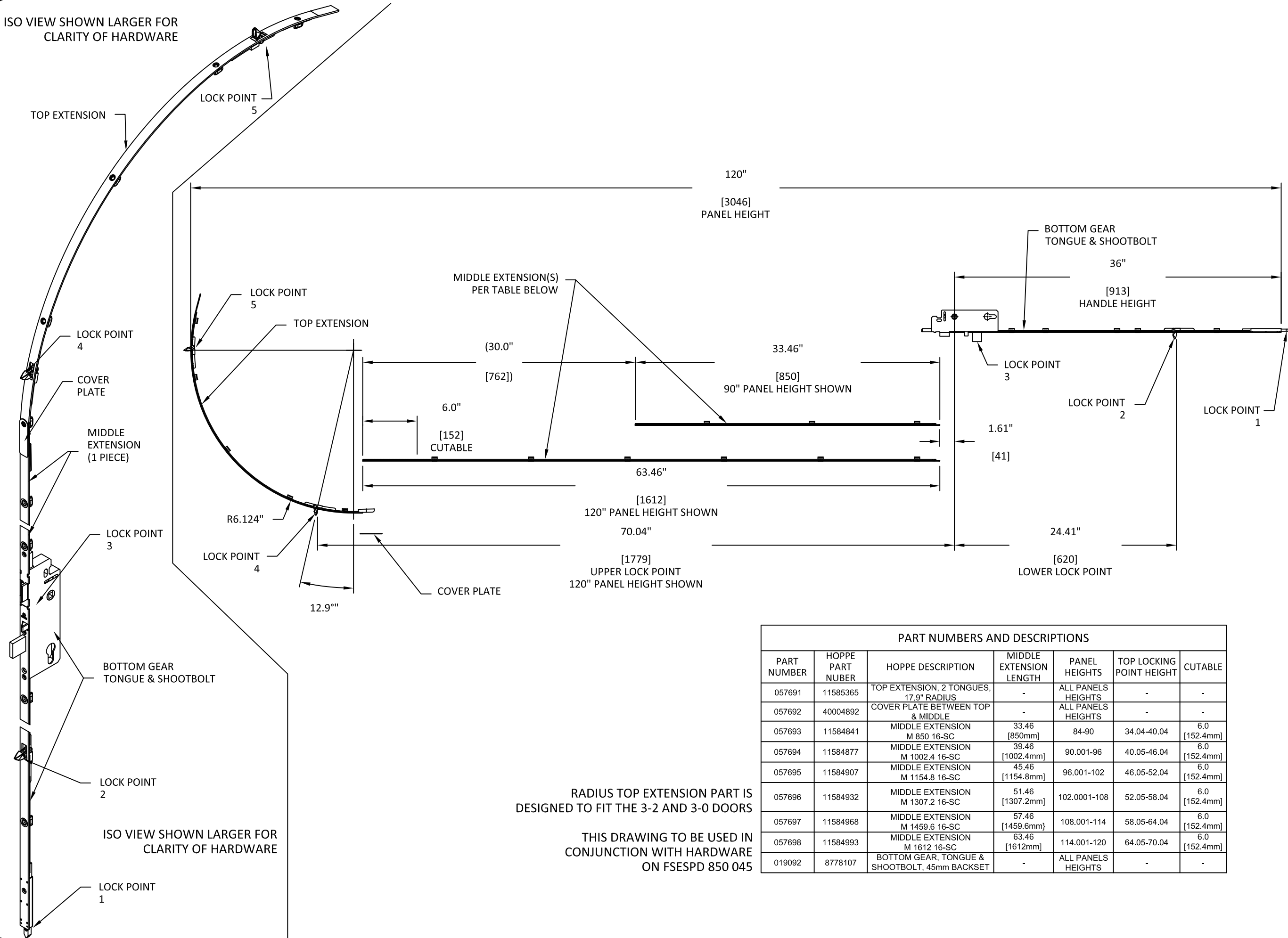


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ISO VIEW SHOWN LARGER FOR CLARITY OF HARDWARE



RADIUS TOP EXTENSION PART IS DESIGNED TO FIT THE 3-2 AND 3-0 DOORS

THIS DRAWING TO BE USED IN CONJUNCTION WITH HARDWARE ON FSESPD 850 045

PART NUMBERS AND DESCRIPTIONS						
PART NUMBER	HOPPE PART NUBER	HOPPE DESCRIPTION	MIDDLE EXTENSION LENGTH	PANEL HEIGHTS	TOP LOCKING POINT HEIGHT	CUTABLE
057691	11585365	TOP EXTENSION, 2 TONGUES, 17.9" RADIUS	-	ALL PANELS HEIGHTS	-	-
057692	40004892	COVER PLATE BETWEEN TOP & MIDDLE	-	ALL PANELS HEIGHTS	-	-
057693	11584841	MIDDLE EXTENSION M 850 16-SC	33.46 [850mm]	84-90	34.04-40.04	6.0 [152.4mm]
057694	11584877	MIDDLE EXTENSION M 1002.4 16-SC	39.46 [1002.4mm]	90.001-96	40.05-46.04	6.0 [152.4mm]
057695	11584907	MIDDLE EXTENSION M 1154.8 16-SC	45.46 [1154.8mm]	96.001-102	46.05-52.04	6.0 [152.4mm]
057696	11584932	MIDDLE EXTENSION M 1307.2 16-SC	51.46 [1307.2mm]	102.0001-108	52.05-58.04	6.0 [152.4mm]
057697	11584968	MIDDLE EXTENSION M 1459.6 16-SC	57.46 [1459.6mm]	108.001-114	58.05-64.04	6.0 [152.4mm]
057698	11584993	MIDDLE EXTENSION M 1612 16-SC	63.46 [1612mm]	114.001-120	64.05-70.04	6.0 [152.4mm]
019092	8778107	BOTTOM GEAR, TONGUE & SHOOTBOLT, 45mm BACKSET	-	ALL PANELS HEIGHTS	-	-



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TITLE: FEEL SAFE FULL RADIUS OS DOORS (HVHZ) (IMPACT)

HOPPE FULL RADIUS SINGLE WIDE DOOR HARDWARE

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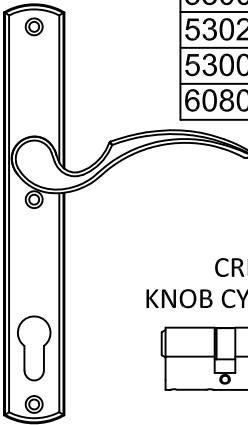
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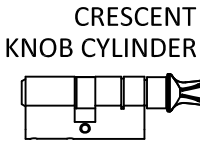
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HANDLE SET
M112PL/216N

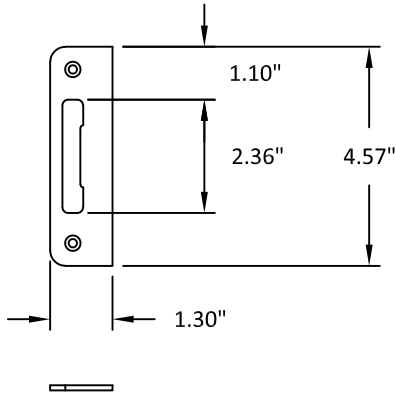


PART NUMBER	FINISH	BUILT FOR
53000	F71	HURD
53002	F73	HURD
50558	F41	GENERIC
53008	F49	HURD
53024	FOL	HURD
53005	F102	HURD
60801	F991	GENERIC

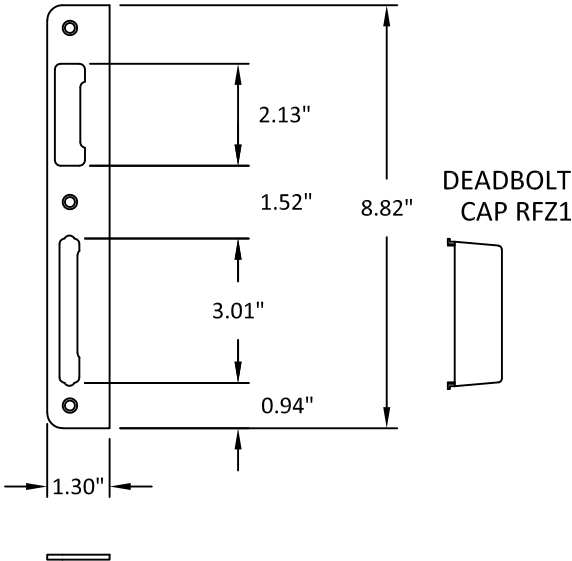
WILL NEED TO CHANGE PART NUMBERS,
ADD NEW INSTRUCTION SHEETS, AND
REMOVE AUTO RELEASE STRIKERS.



TONGUE
STRIKE PLATE
RT45916 - STEEL, YELLOW ZINC PLATED
RT45916MP - BRASS
RT45916OL - OIL RUBBED
RT45916SS - STAINLESS STEEL



LATCH AND DEADBOLT
STRIKE PLATE
RF38212MP - BRASS
RF38212OL - OIL RUBBED
RF38212SS - STAINLESS STEEL



DEADBOLT
CAP RFZ1

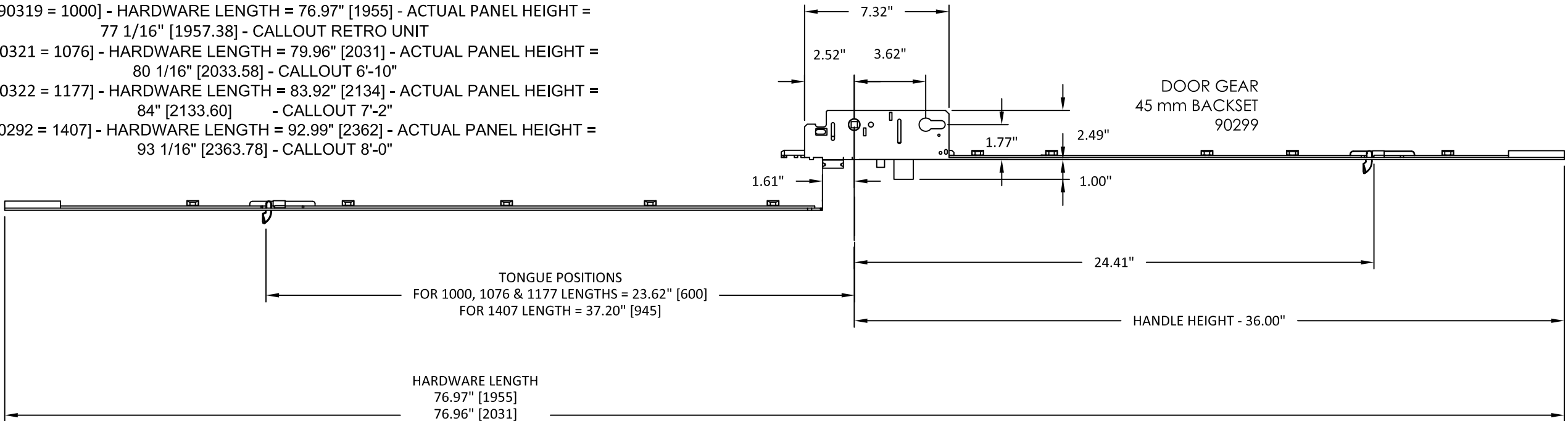
DOOR GEAR #019092
EXTENSIONS

RETRO #017801
6-10 #017803
7-2 #017804
8-0 #017805

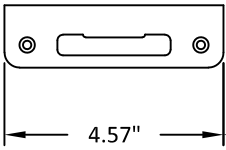
NOTE: THESE 1 PIECE
EXTENSIONS CAN NOT BE USED
FOR CUSTOM HEIGHT DOORS -
THOSE APPLICATIONS REQUIRE
A 2 PIECE EXTENSION

MANUAL ACTIVE TOP EXTENSIONS

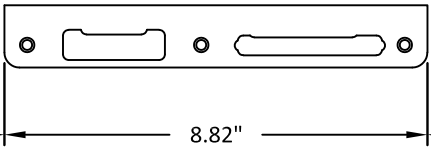
39.37" [90319 = 1000] - HARDWARE LENGTH = 76.97" [1955] - ACTUAL PANEL HEIGHT =
77 1/16" [1957.38] - CALLOUT RETRO UNIT
42.36" [90321 = 1076] - HARDWARE LENGTH = 79.96" [2031] - ACTUAL PANEL HEIGHT =
80 1/16" [2033.58] - CALLOUT 6'-10"
46.34" [90322 = 1177] - HARDWARE LENGTH = 83.92" [2134] - ACTUAL PANEL HEIGHT =
84" [2133.60] - CALLOUT 7'-2"
55.39" [90292 = 1407] - HARDWARE LENGTH = 92.99" [2362] - ACTUAL PANEL HEIGHT =
93 1/16" [2363.78] - CALLOUT 8'-0"



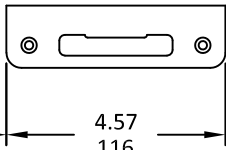
HARDWARE LENGTH
76.97" [1955]
79.96" [2031]
83.92" [2134]
92.99" [2362]



FOR 1000, 1076 & 1177 = 18.03" [458]
FOR 1407 = 13.61" [803]



16.61"



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TITLE: FEEL SAFE FULL RADIUS
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FEELSAFE ES OUTSWING
HOPPE LOCKING HARDWARE

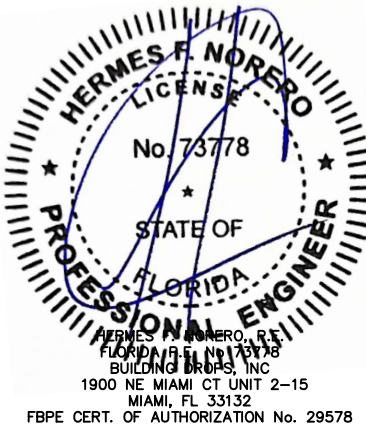
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