

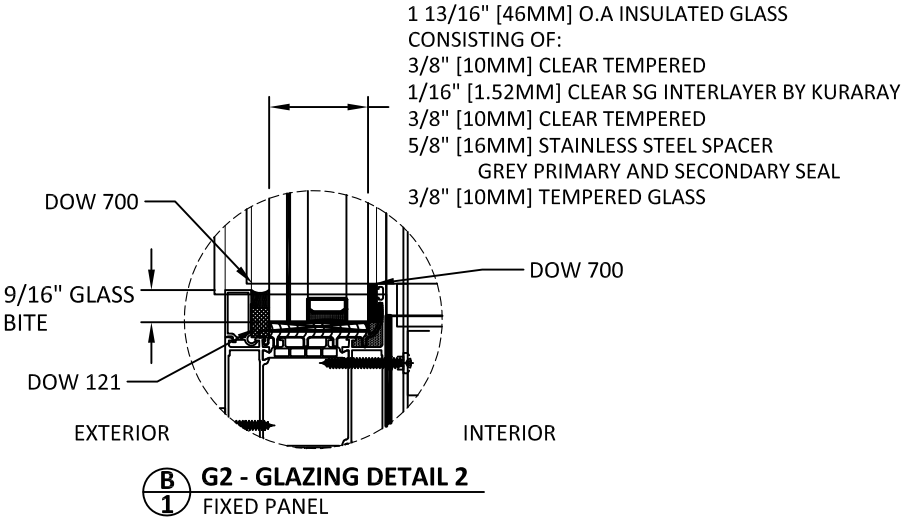
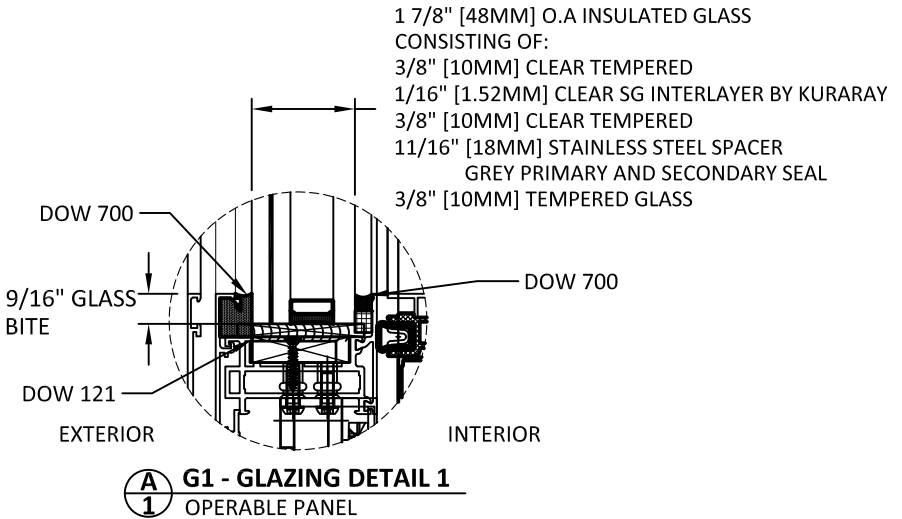
AIR-LUX TECHNIK AG

SERIES 173 SLIDING GLASS DOOR

(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:
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
 - AAMA/WDMA/CSA 101/I.S.2/A440-11
 - ASTM E1886-13a
 - ASTM E1996-17
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING AND METAL STUD 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.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. FRAME MATERIAL: ALUMINUM 6063-T5
7. ALL STRUCTURAL MATERIALS & DISSIMILAR METALS SHALL BE PROTECTED, TREATED, PAINTED, COATED, AND/OR ISOLATED AS REQUIRED IN THE APPLICABLE SECTIONS OF THE CURRENT FLORIDA BUILDING CODE AND REFERENCED DESIGN SPECIFICATIONS.



GLAZING NOTES:

1. GLASS TYPE COMPLIES WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE FBC. 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. TWO APPROVED SETTING BLOCKS SHALL BE USED FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
4. D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES IN SIZE CHARTS.

TABLE OF CONTENTS

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MISSILE IMPACT RATING	DESIGN PRESSURE
LMI & SMI RATED	SEE SHEET 2 FOR DESIGN PRESSURE LIMITATIONS

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AIR-LUX TECHNIK AG
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TITLE:
AIR-LUX SERIES 173 SLIDING
GLASS DOOR (HVHZ) (IMPACT)

GENERAL NOTES, TABLE OF
CONTENTS & GLAZING DETAILS

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15

MIAMI, FL 33132

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FAX: (954)744-4738

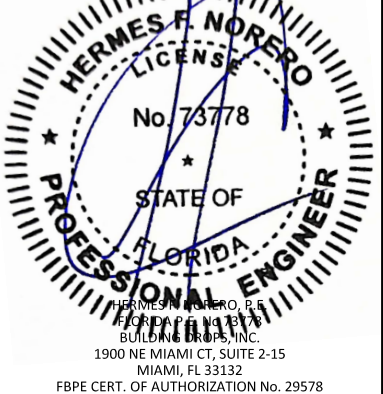
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REMARKS	BY	DATE
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2026 FBC UPDATE	LS	06/26

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.09.10 10:56:39 -0400



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RV	HFN
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DWG. #:	ALT001
SHEET:	REV.
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OF 14	

TITLE: AIR-LUX SERIES 173 SLIDING GLASS DOOR (HVHZ) (IMPACT)

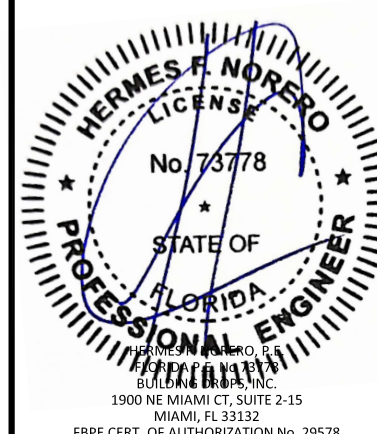
ELEVATION AND ANCHORS LAYOUT

PREPARED BY:



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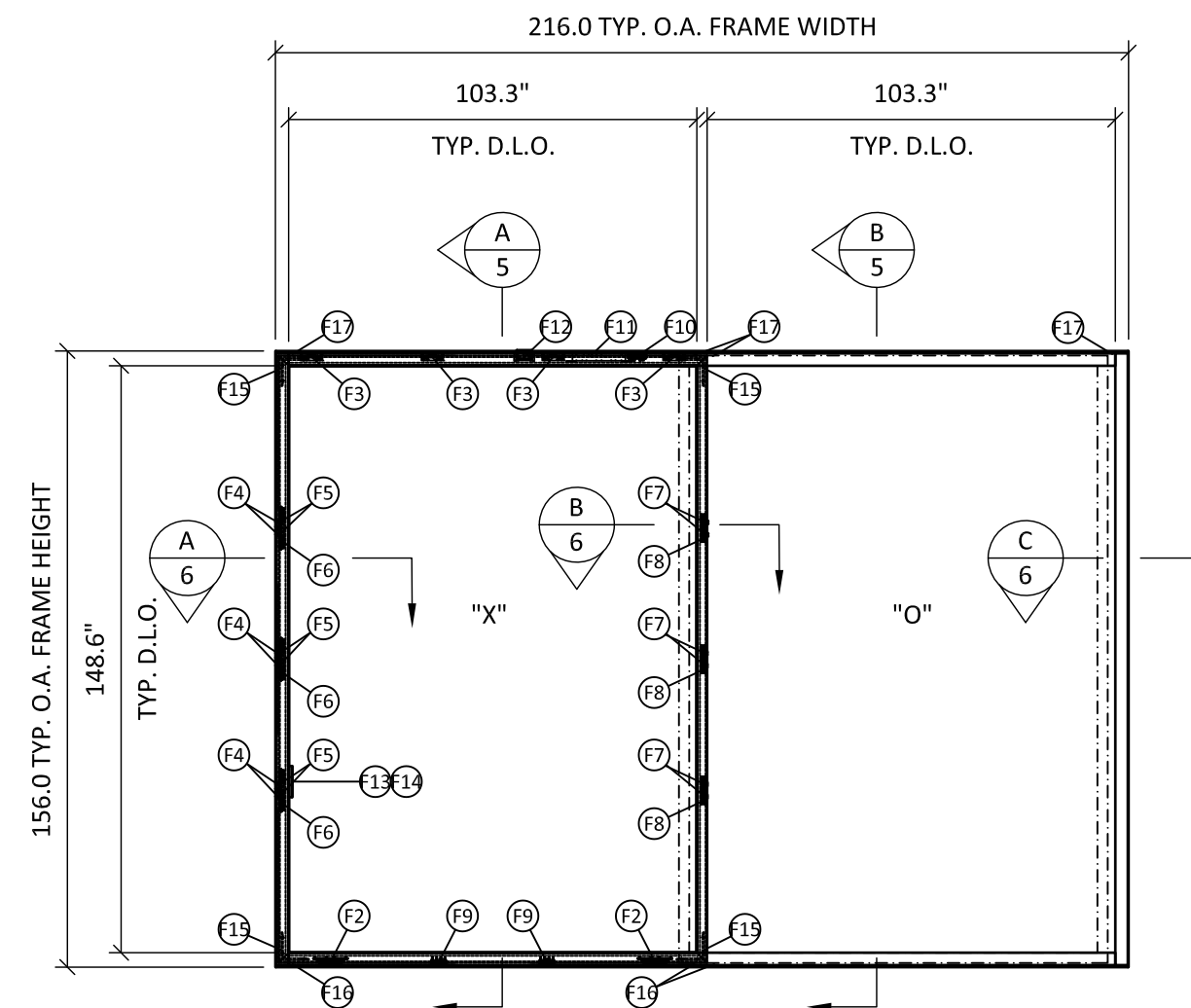
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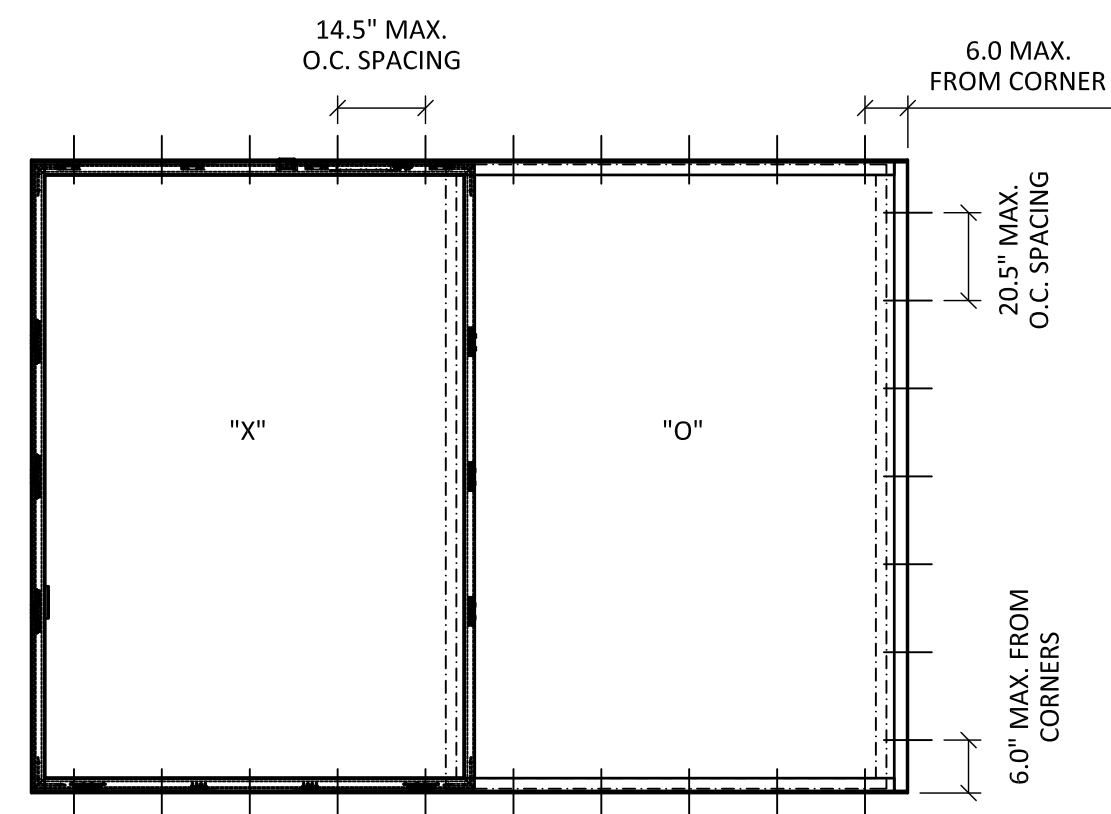
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ELEVATION

SLIDING GLASS DOOR



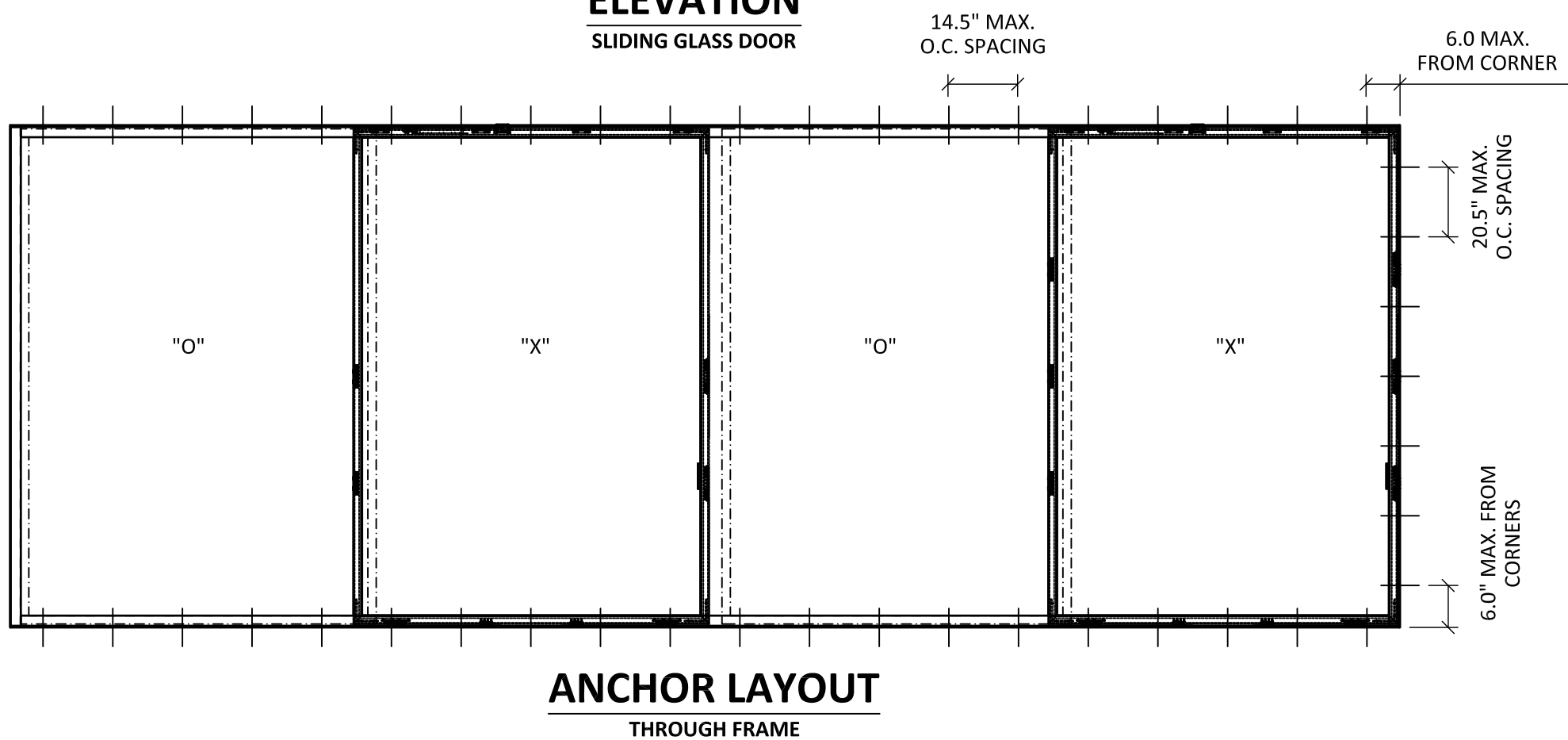
ANCHOR LAYOUT

THROUGH FRAME

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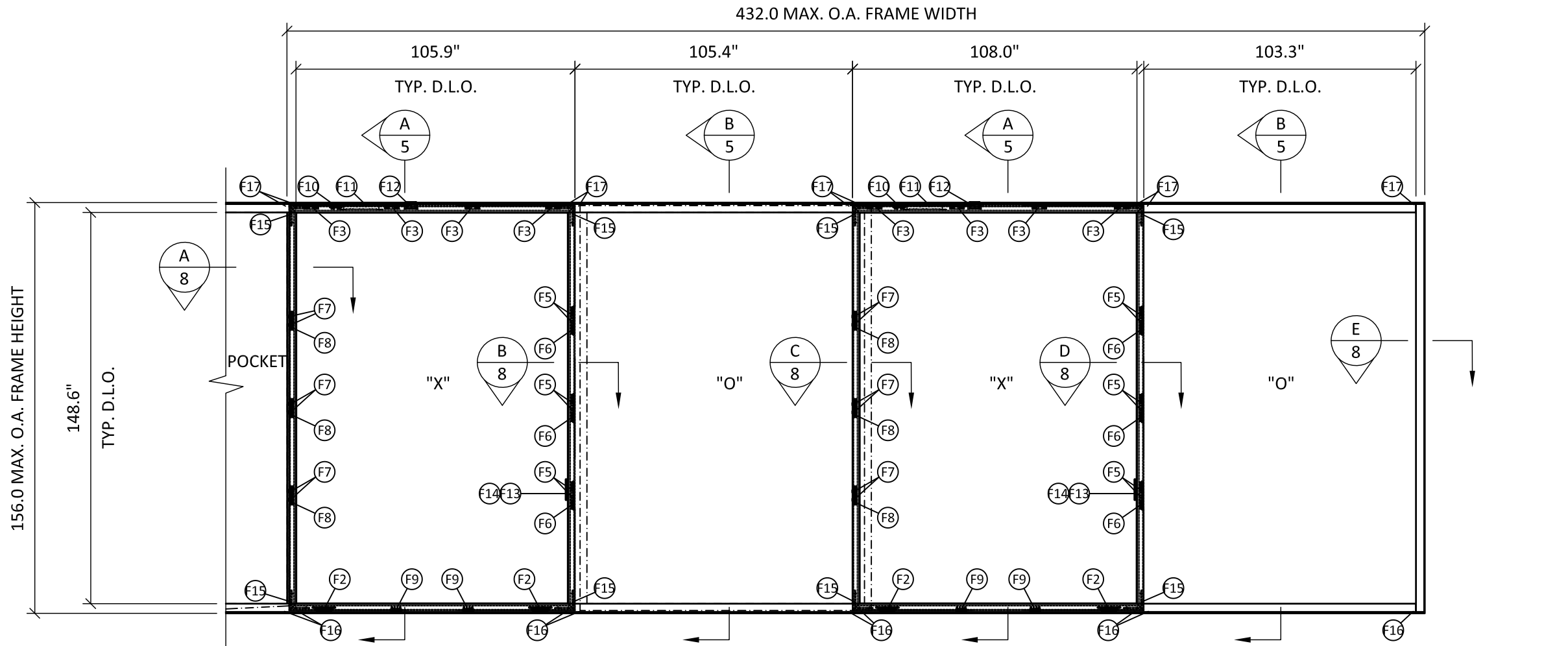
QUALIFIED CONFIGURATIONS:

- REQUIRED CONFIGURATIONS:
1. TYPICAL ELEVATIONS ARE SHOWN. SYSTEM IS QUALIFIED FOR CONFIGURATIONS NOT EXCEEDING THE PANEL SIZES SHOWN IN THE ABOVE TABLE, USING A MAXIMUM OF SIX PANELS.
 2. OPERABLE PANELS ARE LOCATED ON EXTERIOR TRACK. FIXED PANELS ON INTERIOR TRACK.
 3. MOTORIZATION IS OUTSIDE THE SCOPE OF THIS APPROVAL.
 4. ALL CONFIGURATIONS ARE RATED FOR AIR AND WATER INFILTRATION REQUIREMENTS.

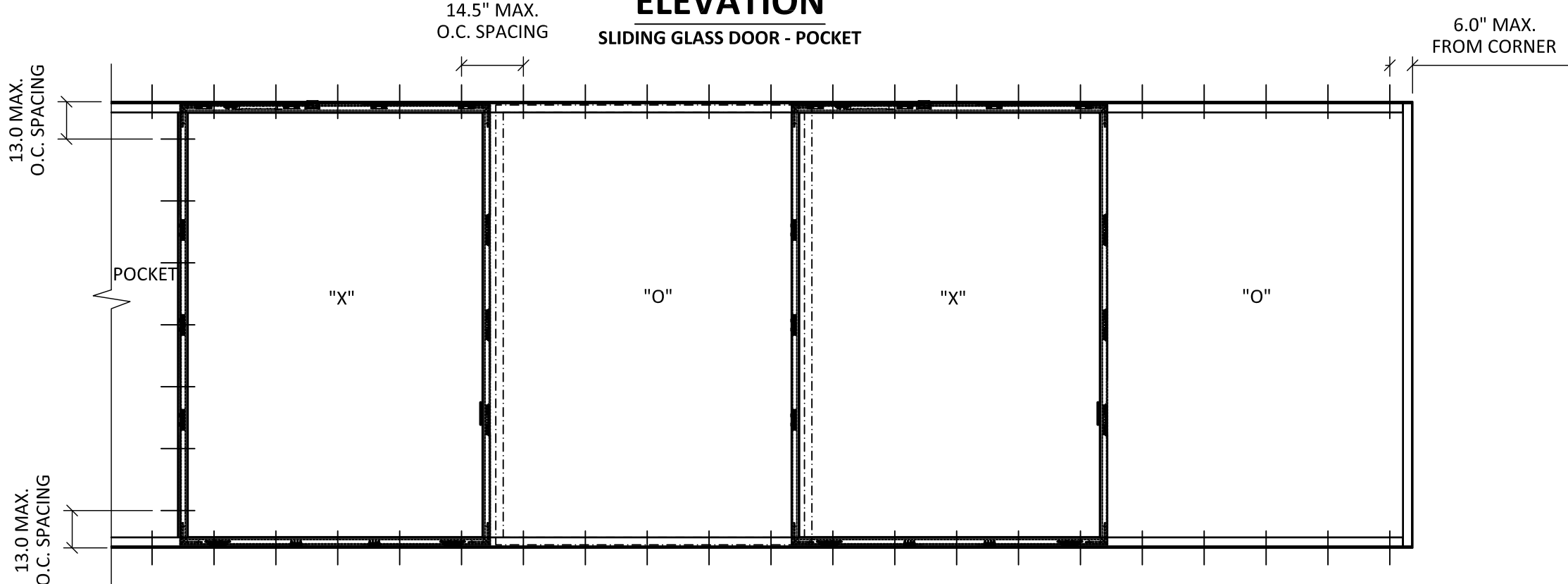


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ELEVATION
SLIDING GLASS DOOR - POCKET



ANCHOR LAYOUT
THROUGH FRAME

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TITLE: **AIR-LUX SERIES 173 SLIDING
GLASS DOOR (HVHZ) (IMPACT)**

ELEVATION AND ANCHORS LAYOUT

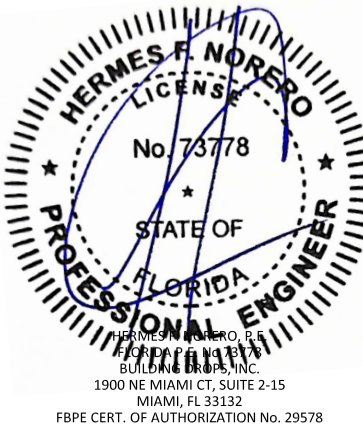
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FAX: (954)744-4738
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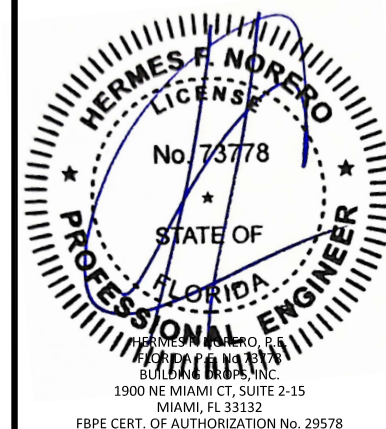
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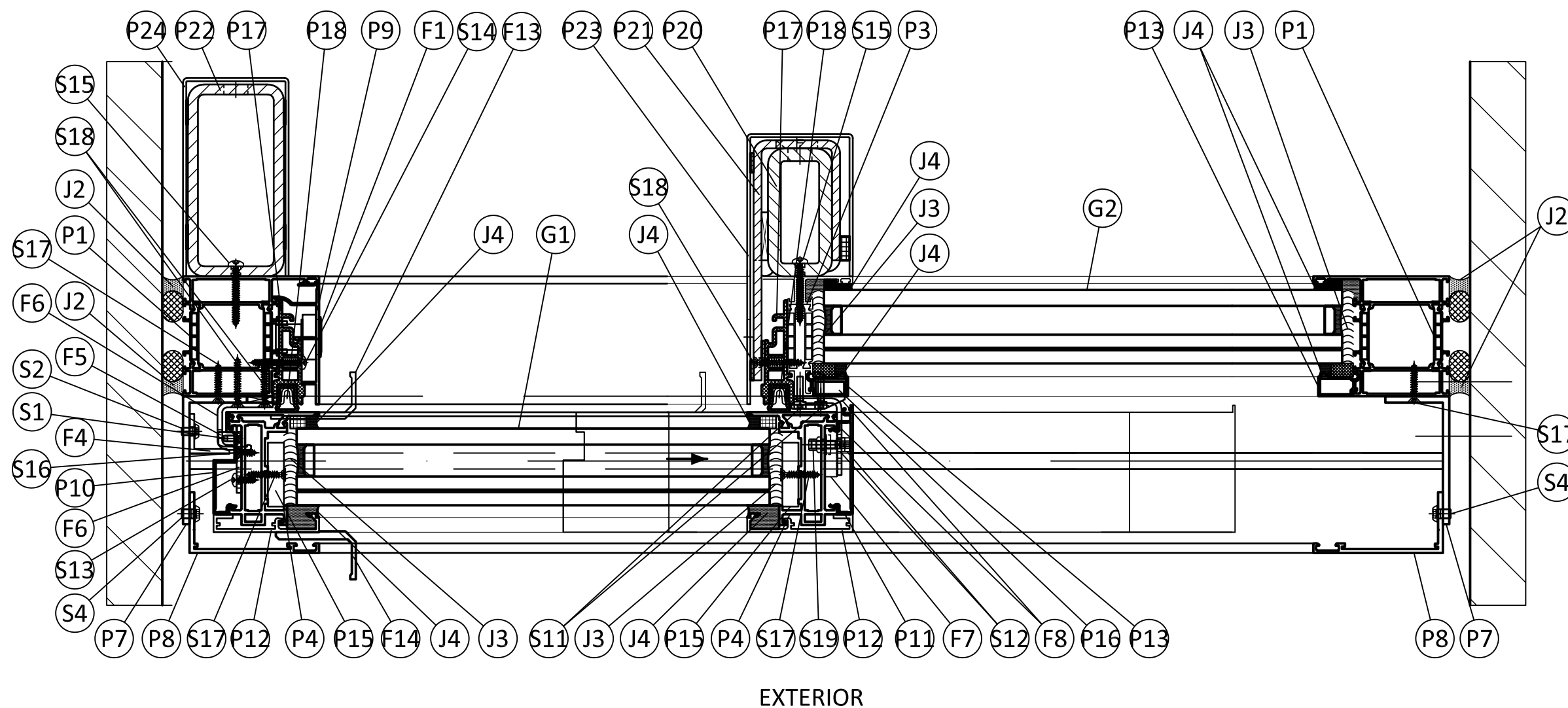
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A 6 HORIZONTAL SECTION THROUGH FRAME - FLOATING JAMB

B 6 HORIZONTAL SECTION THROUGH FRAME

C
6

HORIZONTAL SECTION
THROUGH FRAME - ANCHORED JAMB

TITLE: AIR-LUX SERIES 173 SLIDING GLASS DOOR (HVHZ) (IMPACT)

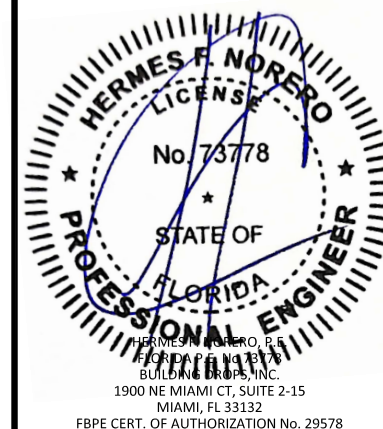
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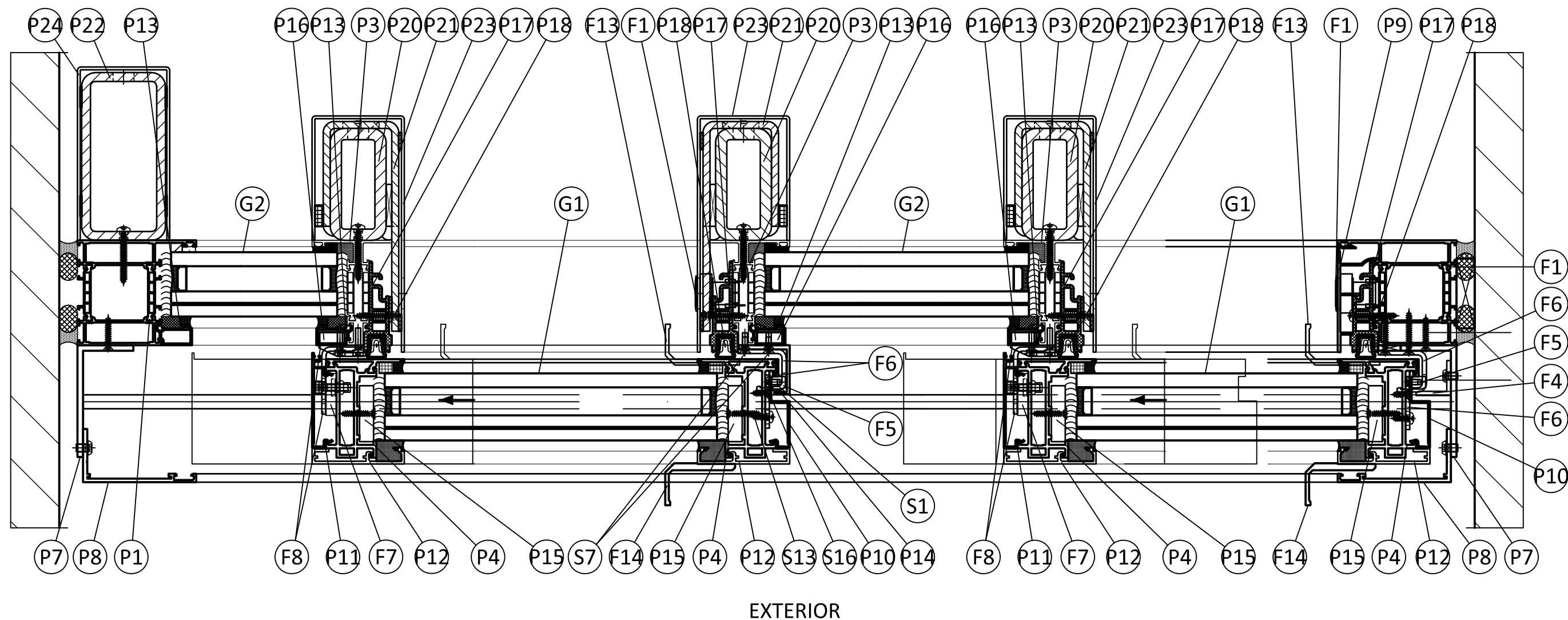
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OF 14



A **7** **HORIZONTAL SECTION** **THROUGH FRAME - FLOATING JAMB**

C7 HORIZONTAL SECTION THROUGH FRAME

E **7** **HORIZONTAL SECTION** **THROUGH FRAME - ANCHORED**

B **7** **HORIZONTAL SECTION** THROUGH FRAME

D
7 **HORIZONTAL SECTION**
THROUGH FRAME

TITLE: AIR-LUX SERIES 173 SLIDING GLASS DOOR (HVHZ) (IMPACT)

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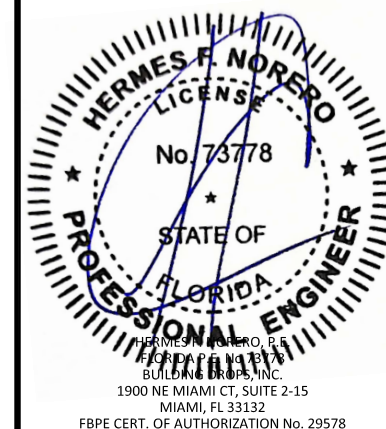
HORIZONTAL SECTIONS



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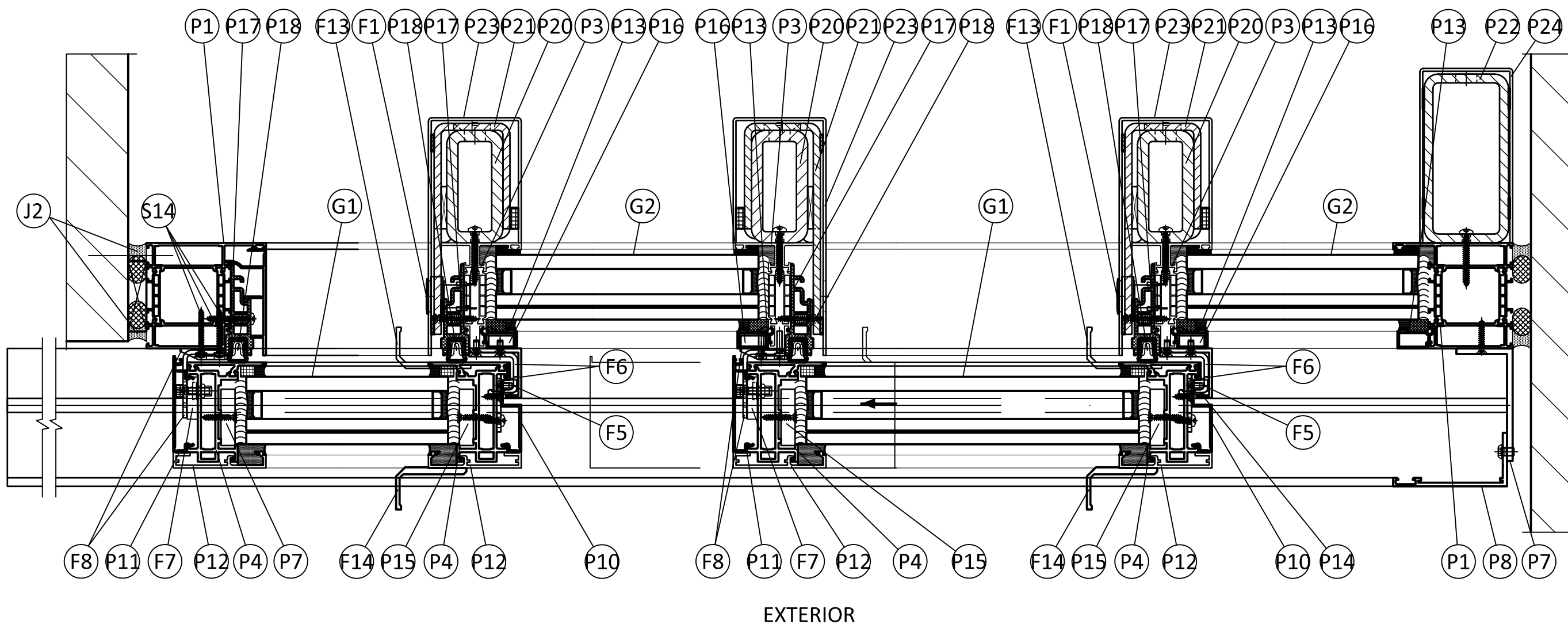
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OF 14



A

HORIZONTAL SECTION

8

THROUGH FRAME - POCKET - ANCHORED

B
8 **HORIZONTAL SECTION**
THROUGH FRAME

C
8 **HORIZONTAL SECTION**
THROUGH FRAME

D **HORIZONTAL SECTION**

8 **THROUGH FRAME**

E
8 **HORIZONTAL SECTION**
THROUGH FRAME - FLOATING JAMB

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INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
4. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/2 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
5. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
6. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING:

6.1. 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).

6.2. *FASTENERS INSTALLED WITHIN 300 FEET OF A SALTWATER COASTLINE IN EXTERIOR-PARTIALLY SHELTERED OR EXTERIOR-OPEN EXPOSED SPACES SHALL BE STAINLESS STEEL PER SECTION 1711.1.1.1 (ASTM A240 TYPE 304, A305, 316, OR 410)

6.3. CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED UNVENTED SPACES SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.2 (E.G., ASTM A653 G90, ASTM A123, OR PROTECTIVE COATING PER TPI 1).

6.4. CONNECTORS AND METAL PLATES USED BETWEEN 300 AND 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED VENTED SPACES, EXTERIOR-PARTIALLY SHELTERED OR EXTERIOR-OPEN EXPOSED SPACES SHALL BE ENHANCED GALVANIZED PER SECTION 1711.1.2.2 (ASTM A653 G185, ASTM A123 AT 2.0 OZ/SF MIN, OR TPI 1 COATING).

6.5. *CONNECTORS AND METAL PLATES USED WITHIN 300 FEET OF A SALTWATER COASTLINE IN EXTERIOR-PARTIALLY SHELTERED OR EXTERIOR-OPEN EXPOSED SPACES SHALL BE STAINLESS STEEL PER SECTION 1711.1.2.1 (ASTM A240 TYPE 316).

6.6. FASTENERS USED WITH CONNECTORS OR METAL PLATES SHALL HAVE A CORROSION-RESISTANT COATING OR COMPOSITION COMPATIBLE WITH THAT OF THE CONNECTOR/PLATE TO PREVENT GALVANIC CORROSION BETWEEN DISSIMILAR MATERIALS (SECTION 1711.1.1.3).
EXCEPTION: FASTENERS AND CONNECTORS FULLY EMBEDDED IN CONCRETE OR MORTAR ARE EXEMPT FROM NOTES 6 AND 7 (SECTION 1711.1).
7. 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.
8. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.

B. CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.

C. STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM 11 GA. WALL THICKNESS.

ANCHOR SCHEDULE				
SUBSTRATE	ANCHOR	EMBEDMENT	MIN. SPACING	MIN. EDGE DISTANCE
WOOD (S.G.=0.55)	3/8" LAG SCREW OR *3/8" 316 SS SIMPSON STRONG-TIE STRONG-DRIVE SDWS	2.00	1.50	1.50
CONCRETE (F'C =3000)	3/8" HILTI KWIK BOLT 3	1.63	3.00	2.50
	*3/8" DEWALT 316 SS WEDGE-BOLT	1.50	3.00	2.50
STEEL	5/16" TEK SCREW GRADE 5 OR *5/16" 316 SS SELF-DRILLING SCREW	3 THREADS	1.00	0.50



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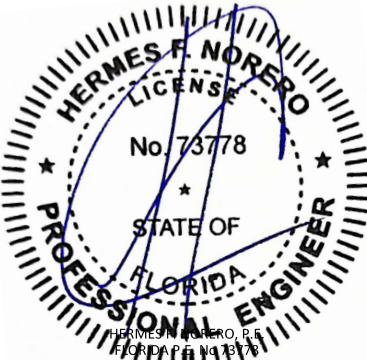
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INSTALLATION NOTES & ANCHOR SCHEUDLE

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HERMES F. NORERO, P.E.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL29501

DATE:

04.09.19

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RV

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

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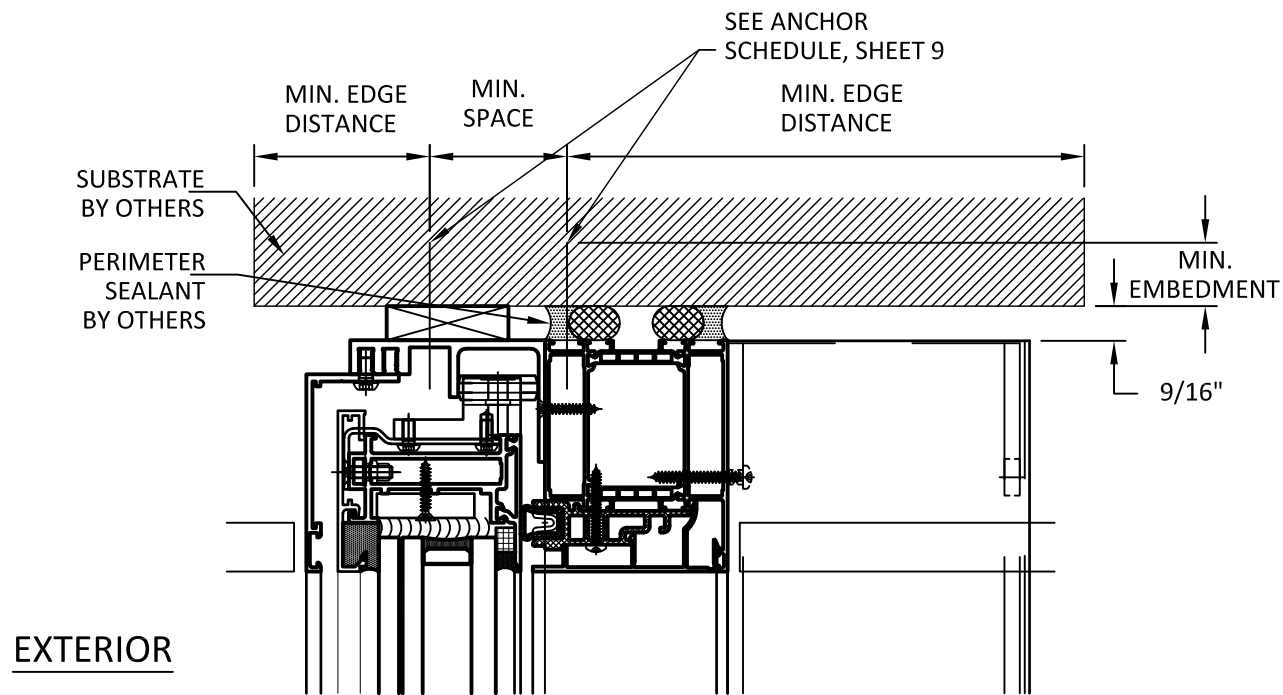
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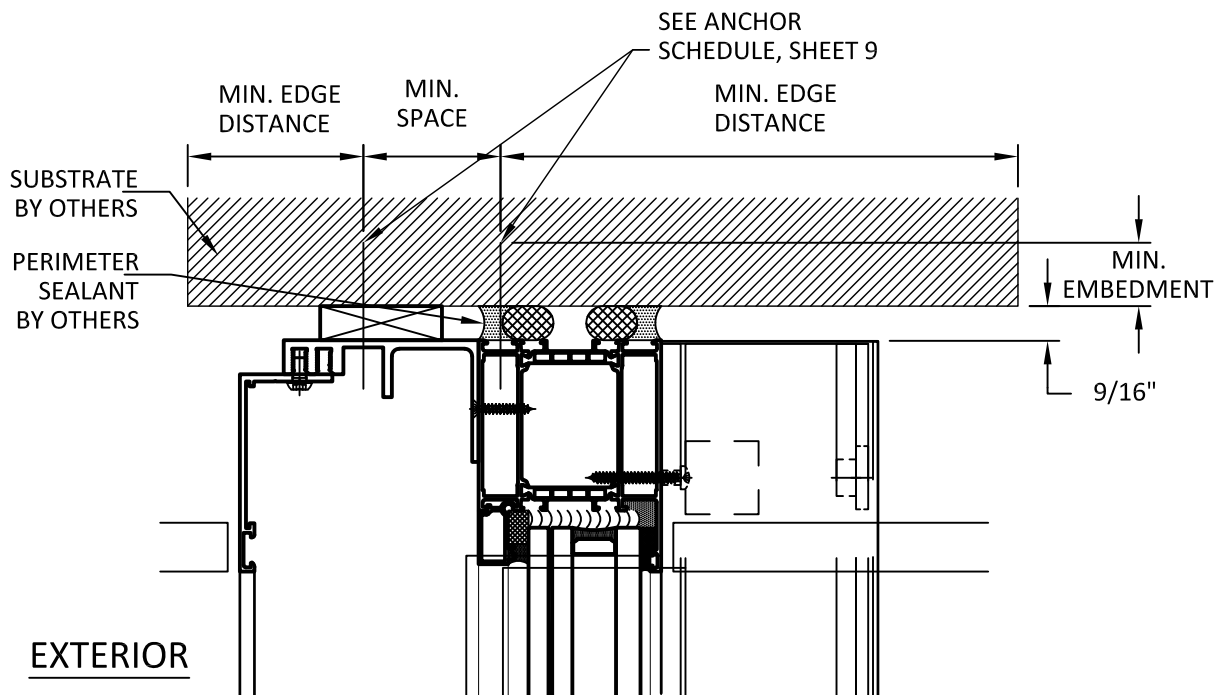
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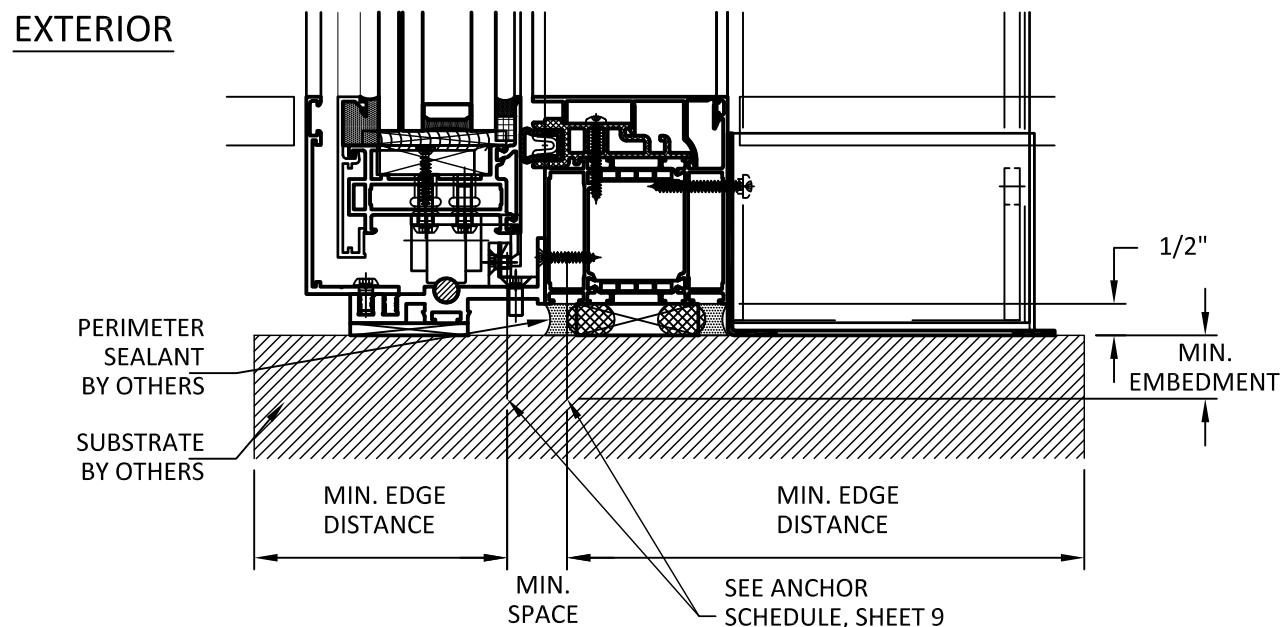
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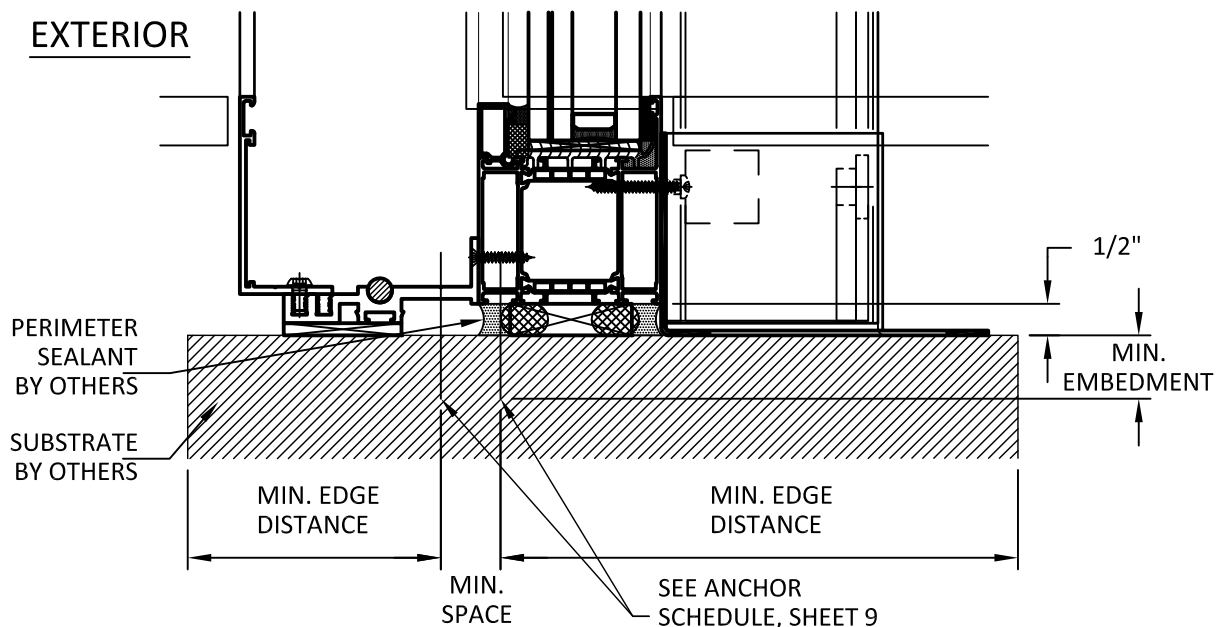
A
10 HEAD ANCHOR DETAIL



B
10 HEAD ANCHOR DETAIL



C
10 SILL ANCHOR DETAIL



D
10 SILL ANCHOR DETAIL

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ANCHOR DETAILS

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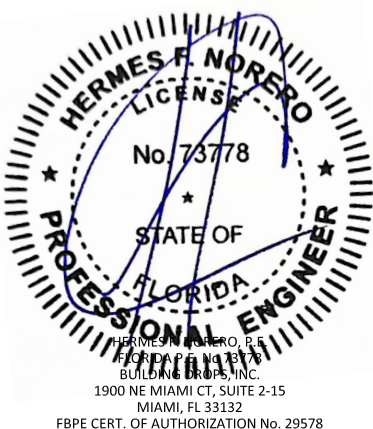
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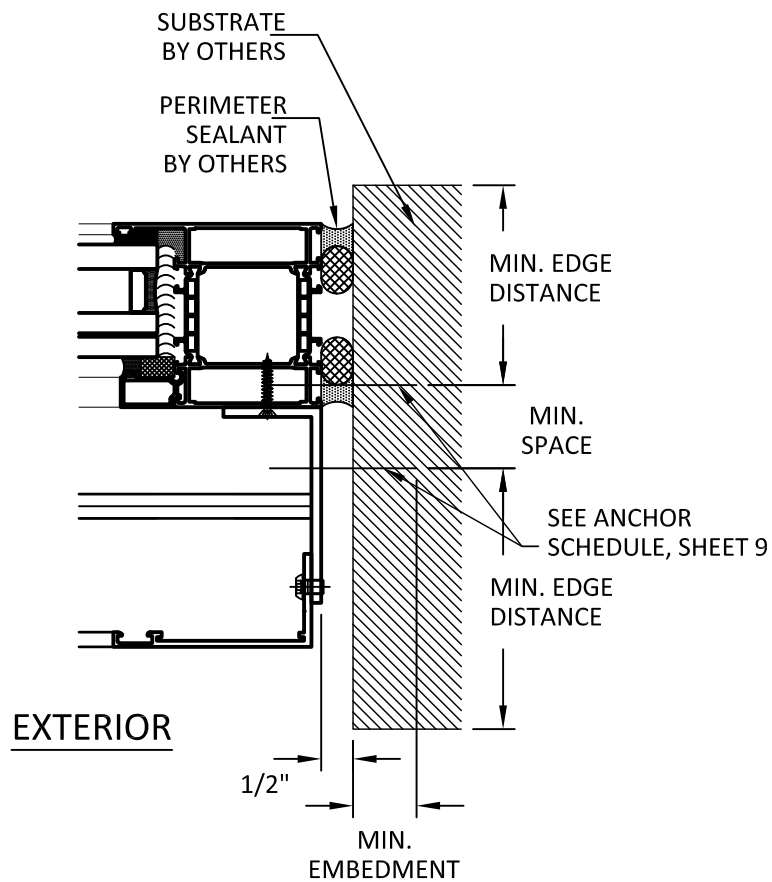
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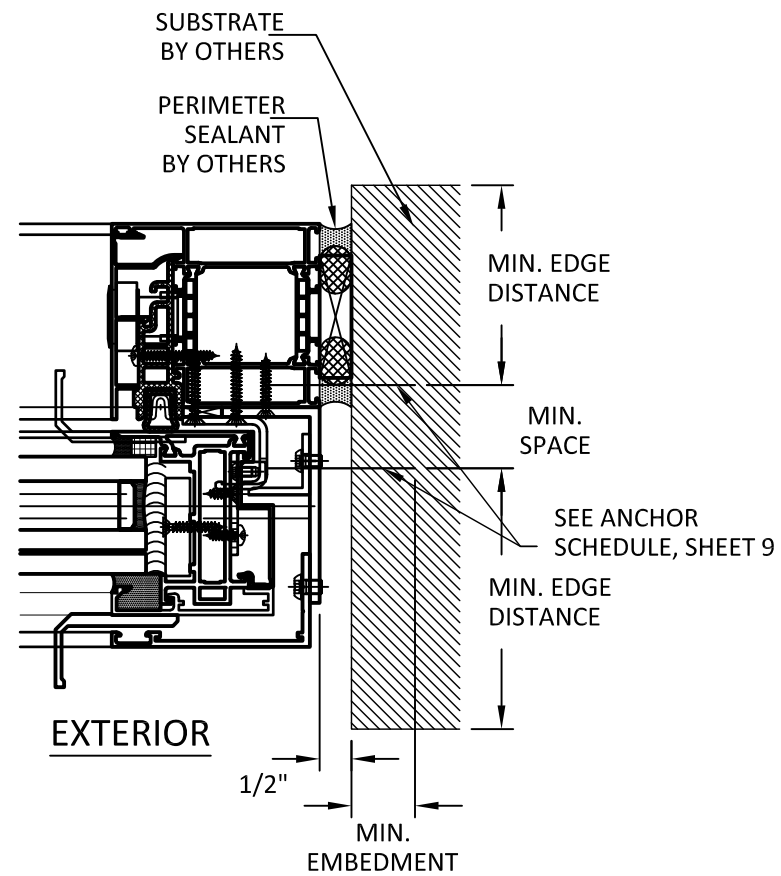
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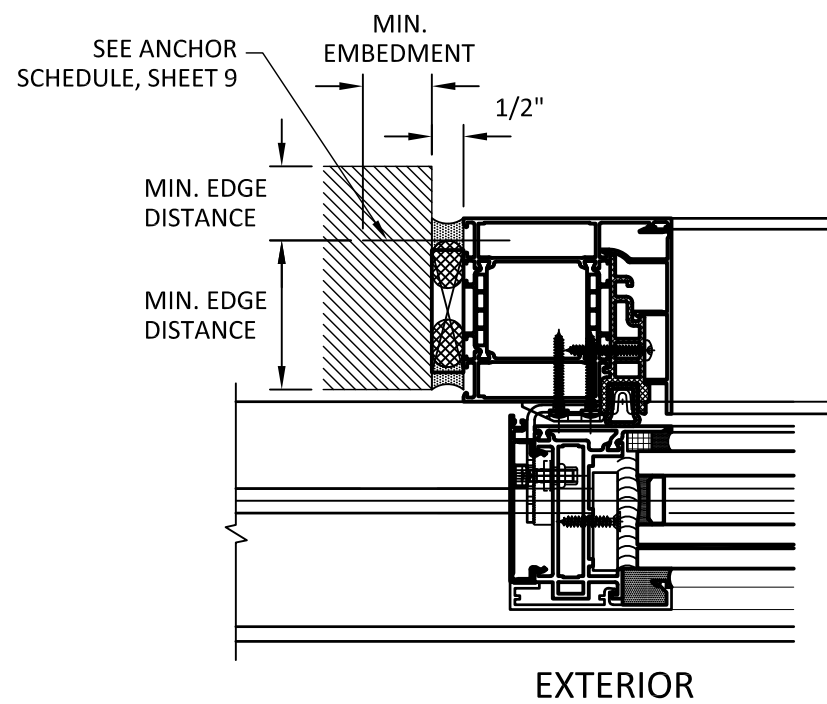
A JAMB ANCHOR DETAIL

JAMB NOTE:

1. ANCHORED JAMBS SHOWN. FLOATING JAMBS QUALIFIED AS SHOWN ON SHEETS 6-8 WITH STEEL REINFORCING. NO ANCHORS ARE REQUIRED FOR FLOATING JAMBS.



B JAMB ANCHOR DETAIL



C JAMB ANCHOR DETAIL
11

TITLE: AIR-LUX SERIES 173 SLIDING GLASS DOOR (HVHZ) (IMPACT)

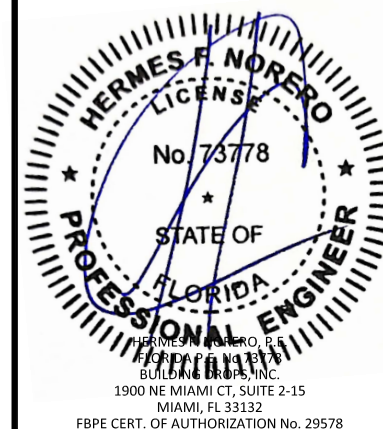
ANCHOR DETAILS

PREPARED BY:
BUILDING DROPS, INC.



REMARKS	BY	DATE
2020 FBC UPDATE	MS	11/20/20
2026 FBC UPDATE	LS	06/20/21

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FL #: **FL29501**

DATE: 04.09.19

DWG. BY: RV	CHK. BY: HFN
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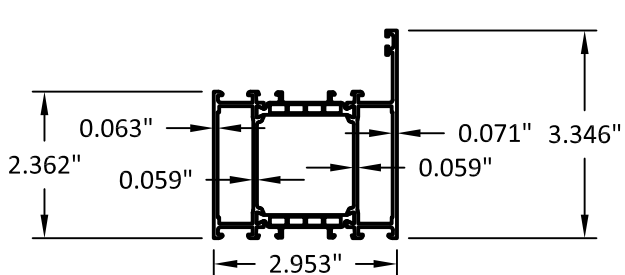
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DWG. #: ALT001

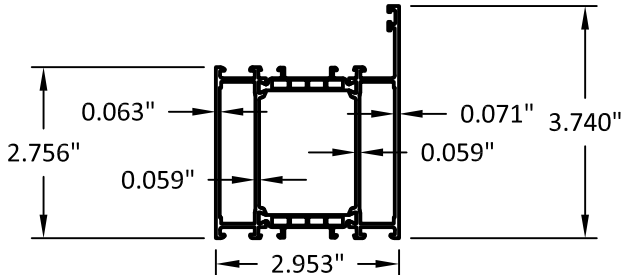
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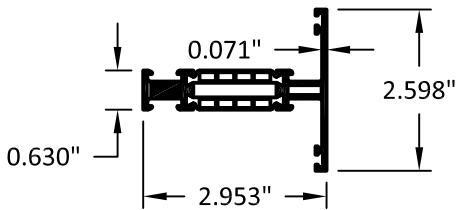
BILL OF MATERIALS (PROFILES)			
ITEM	DESCRIPTION	MATERIAL	MANUF./SUPPLIER/REMARKS
P1	FRAME PROFILE	ALUMINUM 6060-T66	AIR-LUX
P2	FRAME PROFILE	ALUMINUM 6060-T66	AIR-LUX
P3	FRAME PROFILE	ALUMINUM 6060-T66	AIR-LUX
P4	SLIDER PROFILE	ALUMINUM 6060-T66	AIR-LUX
P5	RUNNING RAIL PROFILE	ALUMINUM 6060-T66	AIR-LUX
P6	GUIDE RAIL PROFILE	ALUMINUM 6060-T66	AIR-LUX
P7	APERTURE PROFILE	ALUMINUM 6060-T66	AIR-LUX
P8	APERTURE PROFILE	ALUMINUM 6060-T66	AIR-LUX
P9	REVEAL PROFILE	ALUMINUM 6060-T66	AIR-LUX
P10	CLIP PROFILE	ALUMINUM 6060-T66	AIR-LUX
P11	CLIP PROFILE	ALUMINUM 6060-T66	AIR-LUX
P12	GLASS STRIP SLIDER	ALUMINUM 6060-T66	AIR-LUX
P13	GLASS STRIP FIXED PANEL	ALUMINUM 6060-T66	AIR-LUX
P14	INLET PROFILE	ALUMINUM 6060-T66	AIR-LUX
P15	SLIDE-IN MODULE	ALUMINUM 6060-T66	AIR-LUX
P16	SLIDE-IN MODULE	ALUMINUM 6060-T66	AIR-LUX
P17	GASKET SUPPORT PROFILE	PVC	AIR-LUX
P18	SEAL	EPDM	AIR-LUX
P19	RUNNING ROUND	STAINLESS STEEL	AIR-LUX
P20	REINFORCING POSTS	STEEL	AIR-LUX
P21	REINFORCING POSTS	STEEL	AIR-LUX
P22	REINFORCING POSTS	STEEL	AIR-LUX
P23	COVER	ALUMINUM 5005	AIR-LUX
P24	COVER	ALUMINUM 5005	AIR-LUX



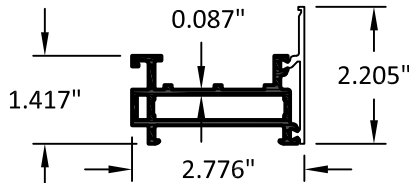
P1 FRAME PROFILE



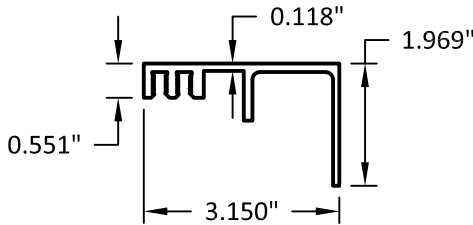
P2 FRAME PROFILE



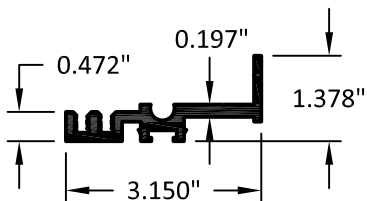
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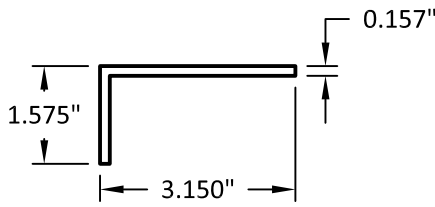
P4 SLIDER PROFILE



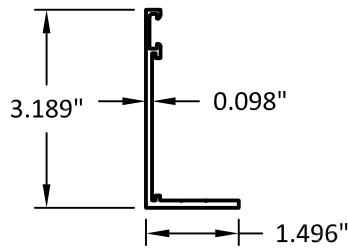
P5 RUNNING RAIL PROFILE



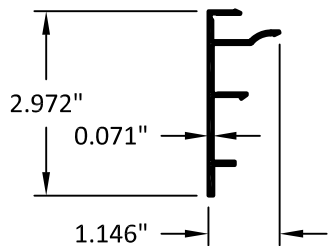
P6 GUIDE RAIL PROFILE



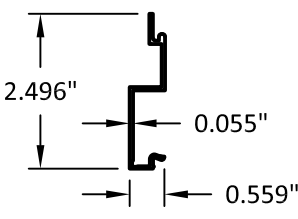
P7 APERTURE PROFILE



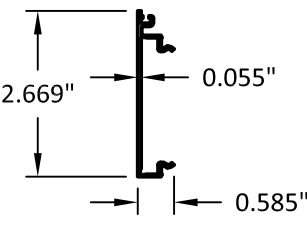
P8 APERTURE PROFILE



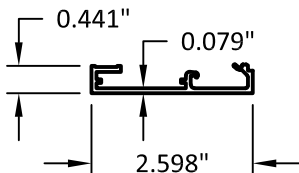
P9 REVEAL PROFILE



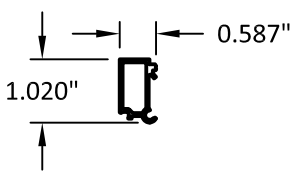
P10 CLIP PROFILE



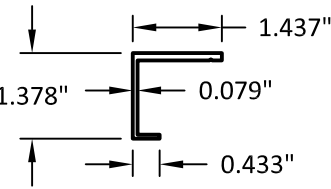
P11 CLIP PROFILE



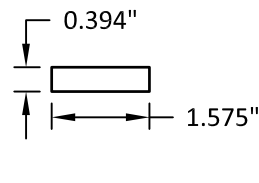
P12 GLASS STRIP SLIDER



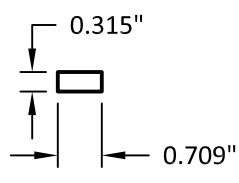
P13 GLASS STRIP FIXED PANEL



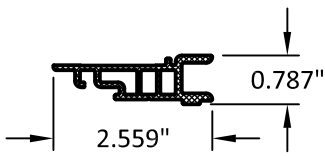
P14 INLET PROFILE



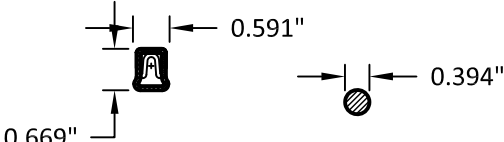
P15 SLIDE-IN MODULE



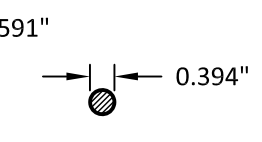
P16 SLIDE-IN MODULE



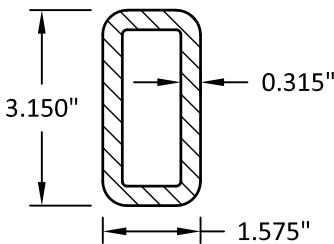
P17 GASKET SUPPORT PROFILE



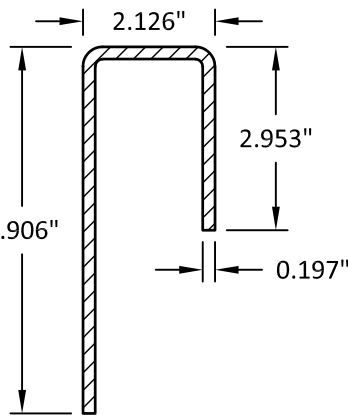
P18 SEAL



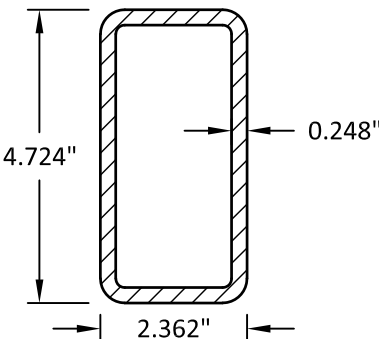
P19 RUNNING ROUND



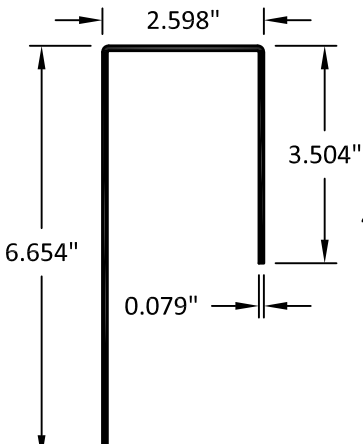
P20 REINFORCING POSTS



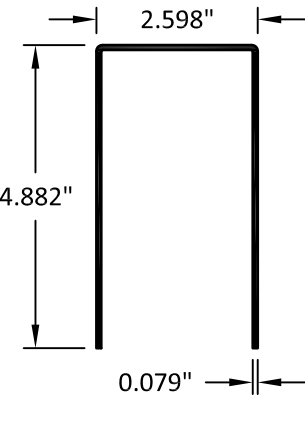
P21 REINFORCING POSTS



P22 REINFORCING POSTS



P23 COVER



P24 COVER

air-lux®

AIR-LUX TECHNIK AG
BREITSCHACHENSTRASSE 52
9032 ENGELBURG/SG
SWITZERLAND
PH: +41 71 272 2600 FX: +41 71 272 2601

TITLE: AIR-LUX SERIES 173 SLIDING
GLASS DOOR (HVHZ) (IMPACT)

COMPONENTS AND
BILL OF MATERIALS

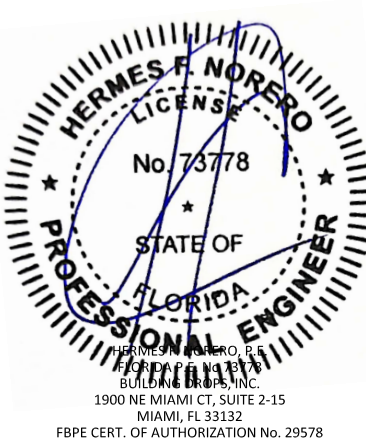
PREPARED BY: BUILDING DROPS, INC.

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



REMARKS	BY	DATE
2020 FBC UPDATE	MS	11/20
2026 FBC UPDATE	LS	06/26

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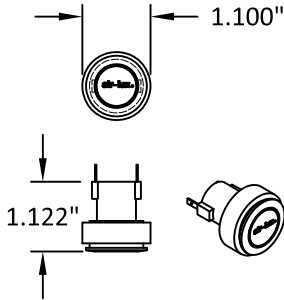
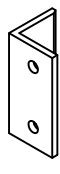
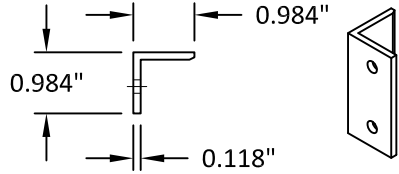
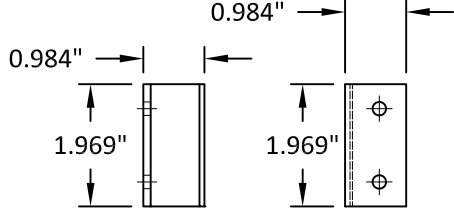
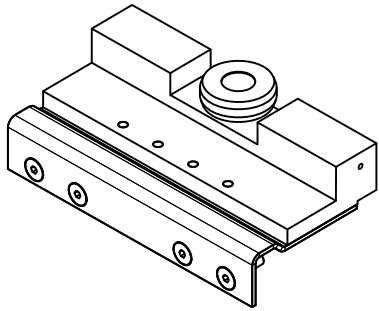
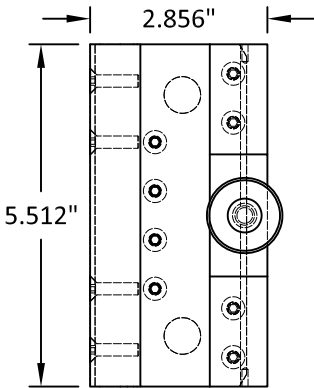
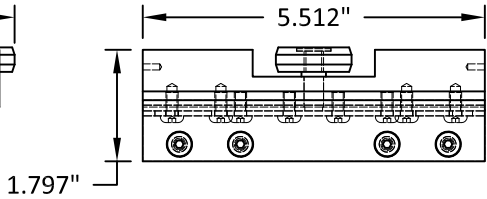
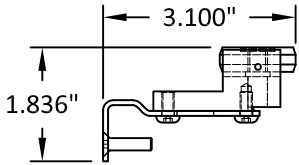
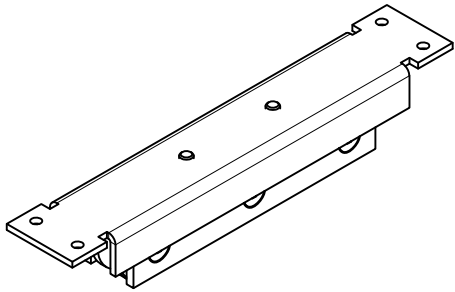
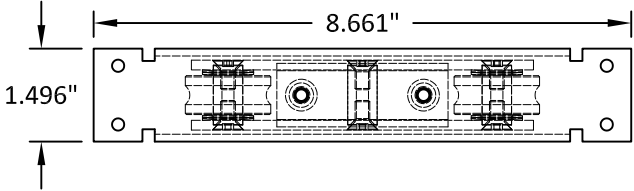
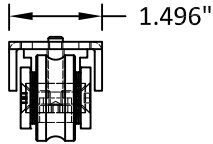
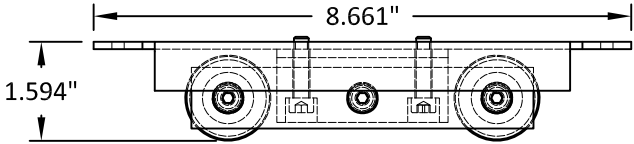
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RV	HFN	
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DWG. #:		ALT001
SHEET:		12
REV.		B
		OF 14

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BILL OF MATERIALS (FITTINGS)

ITEM	DESCRIPTION	MATERIAL	MANUF./SUPPLIER/REMARKS
F1	PUSH BUTTON	STAINLESS STEEL	AIR-LUX
F2	CARRIAGES	STAINLESS STEEL	AIR-LUX
F3	LEADING ROLE	STAINLESS STEEL ALUMINUM 6060-T66 PLASTIC NYLON	AIR-LUX
F4	SLIDE STOP	ALUMINUM 6060-T66	AIR-LUX
F5	SLIDE STOP	ALUMINUM 6060-T66	AIR-LUX
F6	SLIDE INTERLOCKING	STAINLESS STEEL	AIR-LUX
F7	SLIDE INTERLOCKING	ALUMINUM 6060-T66	AIR-LUX
F8	SLIDE INTERLOCKING	STAINLESS STEEL	AIR-LUX

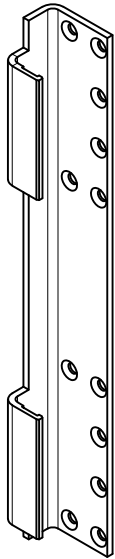
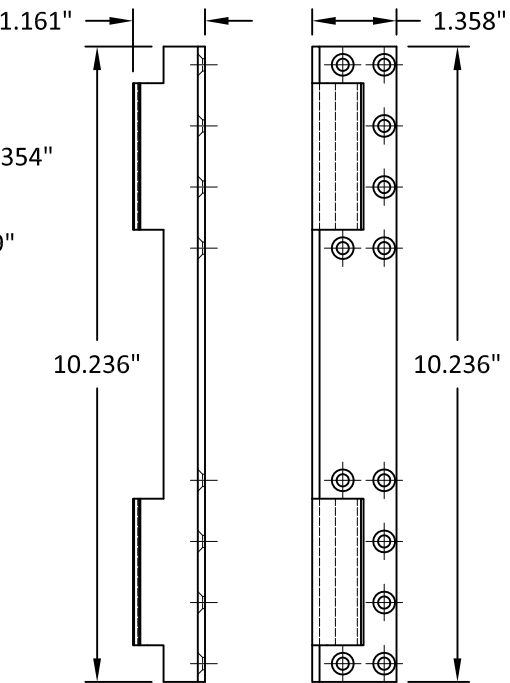


F1 PUSH BOTTOM

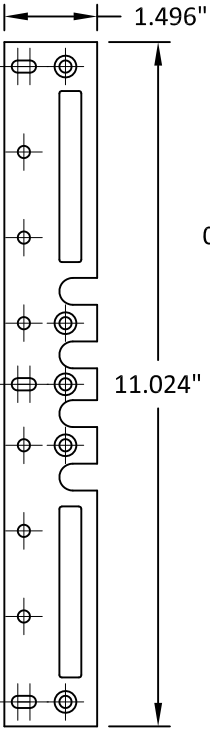
F2 CARRIAGES

F3 LEADING ROLE

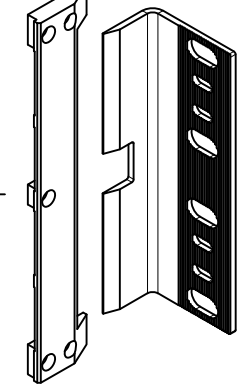
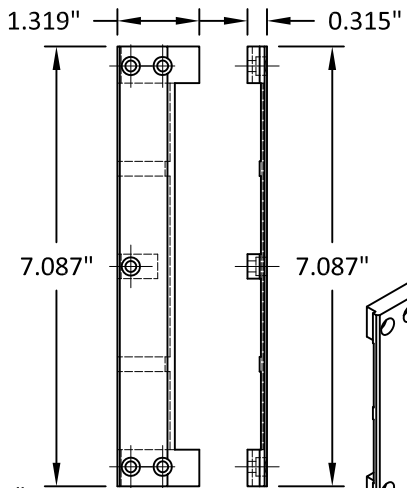
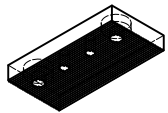
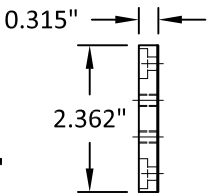
F4 SLIDE STOP



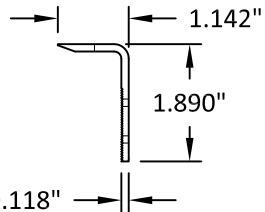
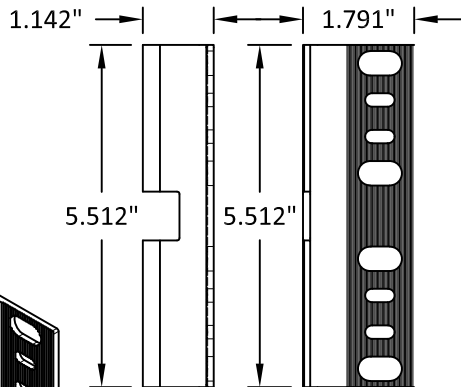
F6 SLIDE INTERLOCKING



F7 SLIDE INTERLOCKING



F8 SLIDE INTERLOCKING



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TITLE: AIR-LUX SERIES 173 SLIDING
GLASS DOOR (HVHZ) (IMPACT)

BILL OF MATERIALS (FITTINGS)

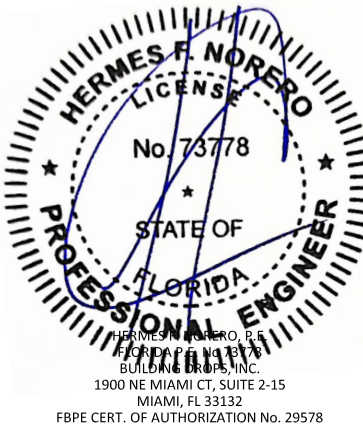
PREPARED BY: BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15
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REMARKS	BY	DATE
2020 FBC UPDATE	MS	11/20
2026 FBC UPDATE	LS	06/26

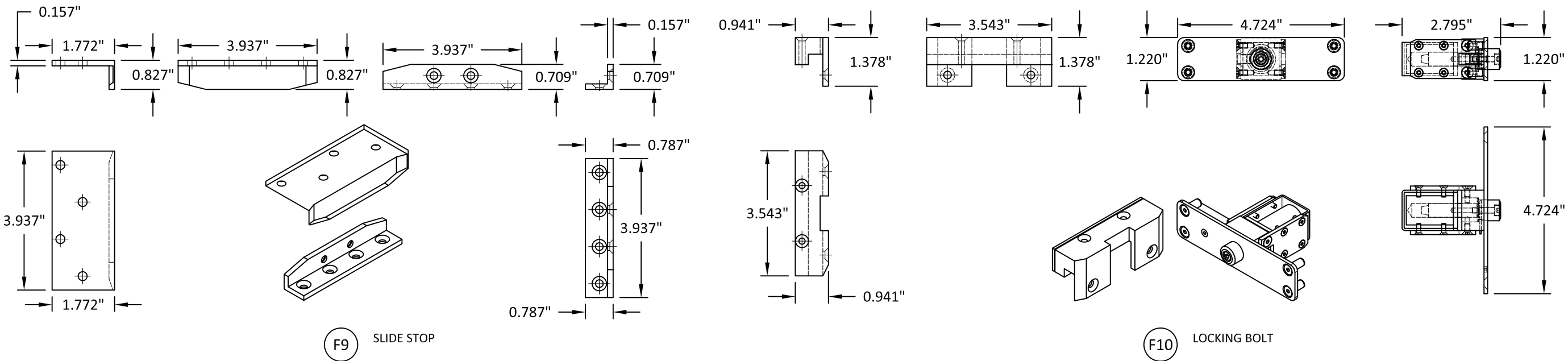
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FL #:	FL29501
DATE:	04.09.19
DWG. BY:	RV
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	ALT001
SHEET:	13
REV.	B
OF 14	

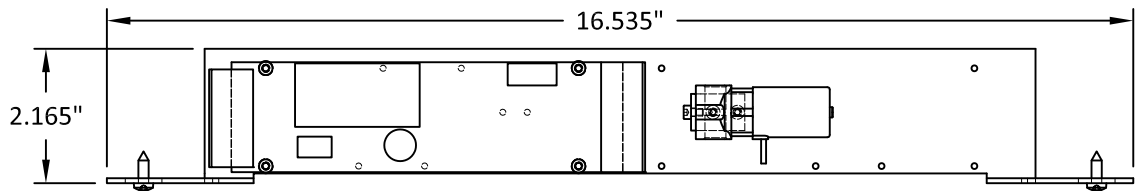
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BILL OF MATERIALS (FITTINGS)			
ITEM	DESCRIPTION	MATERIAL	MANUF./SUPPLIER/REMARKS
F9	SLIDE STOP	ALUMINUM 6060-T66	AIR-LUX
F10	LOCKING BOLT	ALUMINUM 6060-T66 STAINLESS STEEL ELECTRONIC COMPONENT	AIR-LUX
F11	CIRCUIT BOARD	ELECTRONIC COMPONENT	AIR-LUX
F12	PUMP	ELECTRONIC COMPONENT	AIR-LUX

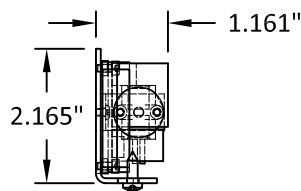


F9 SLIDE STOP

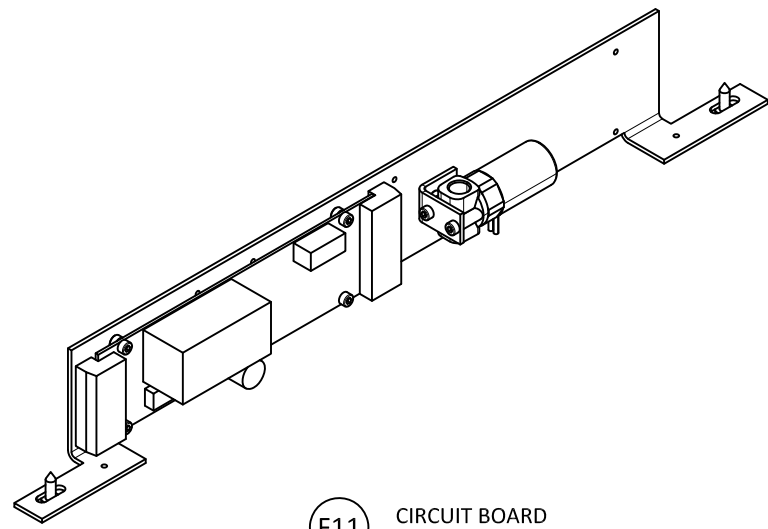
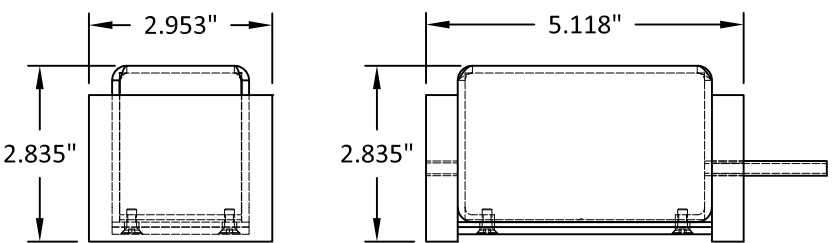
F10 LOCKING BOLT



F11 CIRCUIT BOARD



F12 PUMP



AIR-LUX TECHNIK AG
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SWITZERLAND
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TITLE: AIR-LUX SERIES 173 SLIDING
GLASS DOOR (HVHZ) (IMPACT)

BILL OF MATERIALS (FITTINGS)

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

REMARKS	BY	DATE
2020 FBC UPDATE	MS	11/20
2026 FBC UPDATE	LS	06/26

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HERMES F. NORERO, P.E.
FLORIDA PROFESSIONAL ENGINEER
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL29501

DATE: 04.09.19

DWG. BY: RV	CHK. BY: HFN
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SCALE: NTS

DWG. #: ALT001

SHEET: 14	REV. B
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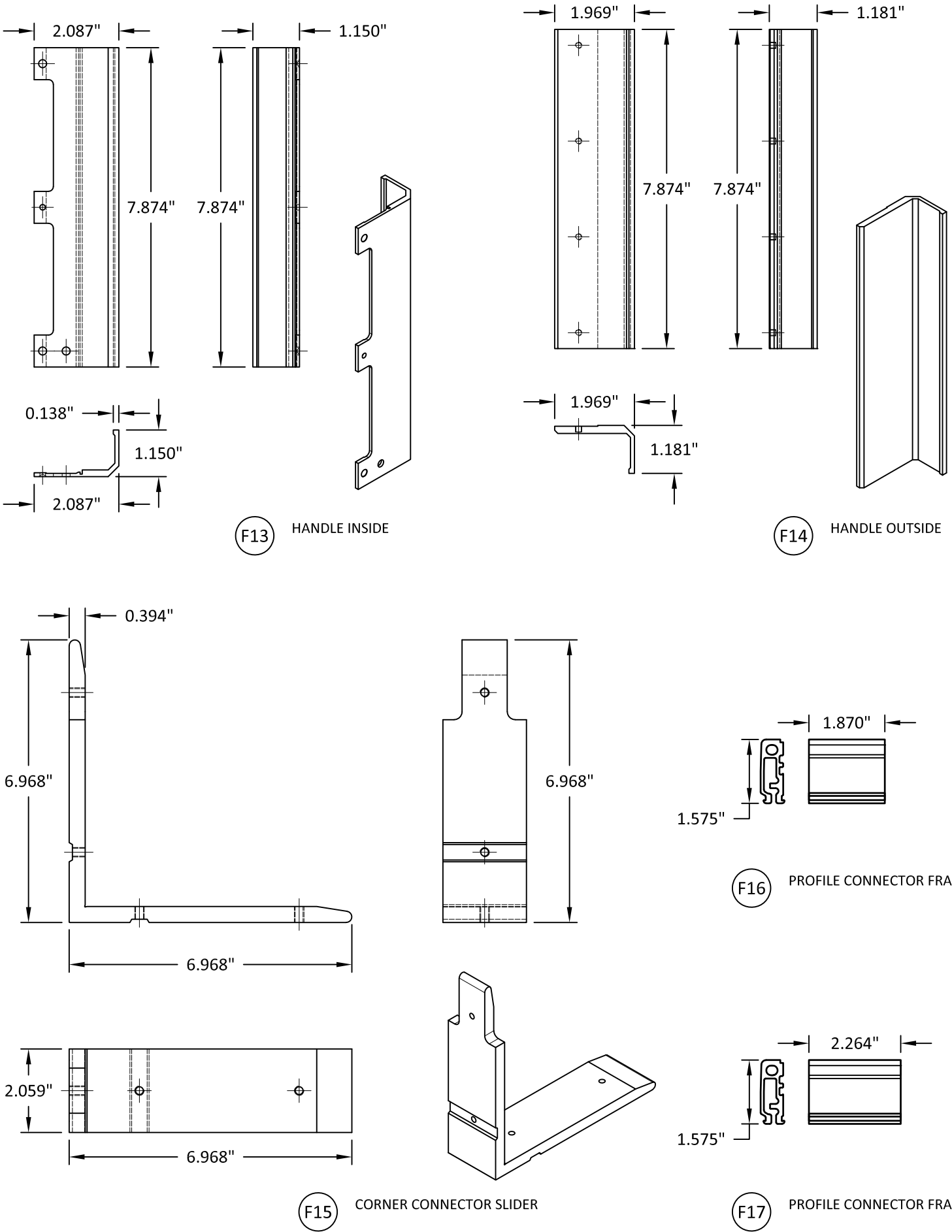
OF 14

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BILL OF MATERIALS (FITTINGS)			
ITEM	DESCRIPTION	MATERIAL	MANUF./SUPPLIER/REMARKS
F13	HANDLE INSIDE	ALUMINUM 6060-T66	AIR-LUX
F14	HANDLE OUTSIDE	ALUMINUM 6060-T66	AIR-LUX
F15	CORNER CONNECTOR SLIDER	ALUMINUM 6060-T66	AIR-LUX
F16	PROFILE CONNECTOR FRAME	ALUMINUM 6060-T66	AIR-LUX
F17	PROFILE CONNECTOR FRAME	ALUMINUM 6060-T66	AIR-LUX

BILL OF MATERIALS (SCREWS)		
ITEM	DESCRIPTION	MATERIAL
S1	PAN HEAD, SOCKET HEX DRV., MACHINE SCREW	ISO7380 STAINLESS #8x1/4" [M4x6MM]
S2	PAN HEAD, SOCKET HEX DRV., MACHINE SCREW	ISO7380 STAINLESS #10x5/16" [M5x8MM]
S3	PAN HEAD, SOCKET HEX DRV., MACHINE SCREW	ISO7380 STAINLESS #10x3/8" [M5x10MM]
S4	PAN HEAD, SOCKET HEX DRV., MACHINE SCREW	ISO7380 STAINLESS 1/4"x5/16" [M6x8MM]
S5	PAN HEAD, SOCKET HEX DRV., MACHINE SCREW	ISO7380 STAINLESS 1/4"x3/8" [M6x10MM]
S6	PAN HEAD, SOCKET HEX DRV., MACHINE SCREW	ISO7380 STAINLESS 1/4"x5/8" [M6x16MM]
S7	FLAT HEAD, SOCKET HEX DRV., MACHINE SCREW	ISO10642 STAINLESS #8x1/2" [M4x12MM]
S8	FLAT HEAD, SOCKET HEX DRV., MACHINE SCREW	ISO10642 STAINLESS #10x5/16" [M5x8MM]
S9	FLAT HEAD, SOCKET HEX DRV., MACHINE SCREW	ISO10642 STAINLESS #10x3/4" [M5x20MM]
S10	FLAT HEAD, SOCKET HEX DRV., MACHINE SCREW	ISO10642 STAINLESS 1/4"x5/8" [M6x16MM]
S11	CAP HEAD, SOCKET HEX DRV., MACHINE SCREW	ISO4762 STAINLESS #8x5/8" [M4x16MM]
S12	CAP HEAD, SOCKET HEX DRV., MACHINE SCREW	ISO4762 STAINLESS #10x3/4" [M5x20MM]
S13	CAP HEAD, SOCKET HEX DRV., MACHINE SCREW	ISO14585 STAINLESS 3/16"x1/2" [4,2x13MM]
S14	PAN HEAD, TORX, SEF-TAPPING SCREW	ISO14585 STAINLESS 3/16"x1 1/4" [4,2x32MM]
S15	PAN HEAD, TORX, SEF-TAPPING SCREW	ISO14585 STAINLESS 3/16"x1 1/2" [4,2x38MM]
S16	PAN HEAD, TORX, SEF-TAPPING SCREW	ISO14586 STAINLESS 3/16"x1/2" [4,2x13MM]
S17	PAN HEAD, TORX, SEF-TAPPING SCREW	ISO14586 STAINLESS 3/16"x1" [4,2x25MM]
S18	PAN HEAD, TORX, SEF-TAPPING SCREW	ISO14586 STAINLESS 3/16"x1 1/4" [4,2x32MM]
S19	BLIND RIVET NUT FLAT HEAD	ALUMINUM #10 [M5]
S20	BLIND RIVET NUT FLAT HEAD	ALUMINUM 1/4" [M6]

BILL OF MATERIALS (JOINTS)		
ITEM	DESCRIPTION	MATERIAL
J1	JOINT FRAME-STRUCTURE	LIQUID PLASTIC TRIFLEX PRO DETAIL
J2	JOINT FRAME-STRUCTURE	DOWSIL 791
J3	JOINT GLASS FRAME	DOWSIL 791
J4	PAN HEAD, SOCKET HEX DRV., MACHINE SCREW	DOWSIL 791



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TITLE: AIR-LUX SERIES 173 SLIDING GLASS DOOR (HVHZ) (IMPACT)

BILL OF MATERIALS (FITTINGS, SCREWS AND JOINTS)

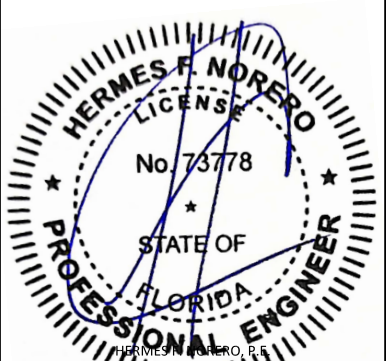
PREPARED BY:

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**BUILDING DROPS**

REMARKS	BY	DATE
2020 FBC UPDATE	MS	11/20
2026 FBC UPDATE	LS	06/26

THE INSTALLATION DETAILS DESCRIBED HERE IN 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.



HERMES F. NORERO, P.E.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL29501

DATE: 04.09.19

DWG. BY: RV CHK. BY: HFN

SCALE: NTS

DWG. #: ALT001

SHEET: 15 REV. B

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