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LA FINESTRA, LC

SERIES EKU-9000 SLIDING GLASS DOOR

(HVHZ)(IMPACT)

GENERAL NOTES:

- 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
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING, AND METAL 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.
- 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.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/4$ 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.
- 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.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- DOOR FRAME MATERIAL: ALUMINUM 6063-T5
- GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAIL.
- CUSTOM SIZES AVAILABLE UPON REQUEST. CUSTOM DESIGN PRESSURE WILL BE ASSIGNED EQUAL TO NEXT LARGER STANDARD SIZE.

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED ON SHEET 4.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ± 1.000 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 PLASTIC OR BETTER.
- 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.
- 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.
- 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.

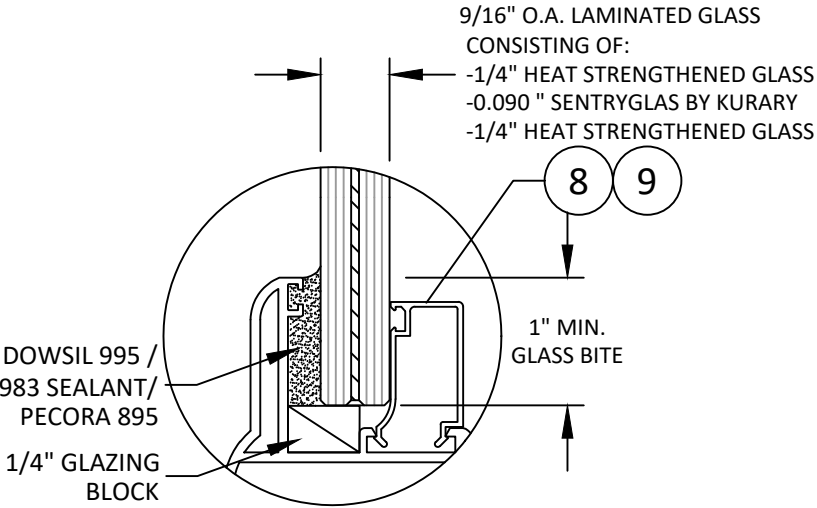
GLAZING NOTES:

- GLASS TYPE COMPLIES WITH ASTM E1300 REQUIREMENTS. PER THE FBC TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
- SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
- SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
- D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES SHOWN HEREIN.

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES , INSTALLATION NOTES & GLAZING DETAIL
2	ELEVATION
3	DESIGN PRESSURE TABLES & REINFORCEMENTS
4	ANCHOR LAYOUT
5	VERTICAL SECTIONS
6	HORIZONTAL SECTIONS
7	HORIZONTAL SECTIONS
8	ANCHOR DETAILS & SCHEDULE
9	ANCHOR DETAILS
10	COMPONENTS & BILL OF MATERIALS
11	COMPONENTS

DESIGN PRESSURE RATING (PSF)				
CONFIGURATION	WIDTH (IN.)	HEIGHT (IN.)	DESIGN PRESSURE	MISSILE IMPACT RATING
SEE SHEET 2	SEE TABLES ON SHEET 3			LARGE & SMALL MISSILE IMPACT

- NOTE:
- 4" SILL RISER (ITEM #15) IS RATED FOR WATER INFILTRATION UP TO A POSITIVE DESIGN PRESSURE OF +100 PSF.
 - 2.55" SILL RISER (ITEM #16) IS RATED FOR WATER INFILTRATION UP TO A POSITIVE DESIGN PRESSURE OF +70 PSF.



GLAZING DETAIL 1



2790 NW 104TH COURT
DORAL, FL 33172
PH: (305) 599-8093

TITLE: SERIES EKU-9000 SLIDING GLASS DOOR (HVHZ)(IMPACT)

GENERAL NOTES, INSTALLATION NOTES & GLAZING DETAIL

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15

MIAMI, FL 33132

PH: (954) 399-8478

FAX: (954) 744-4738

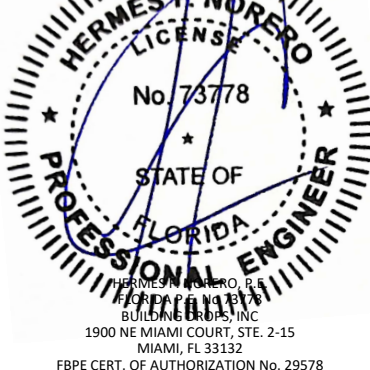
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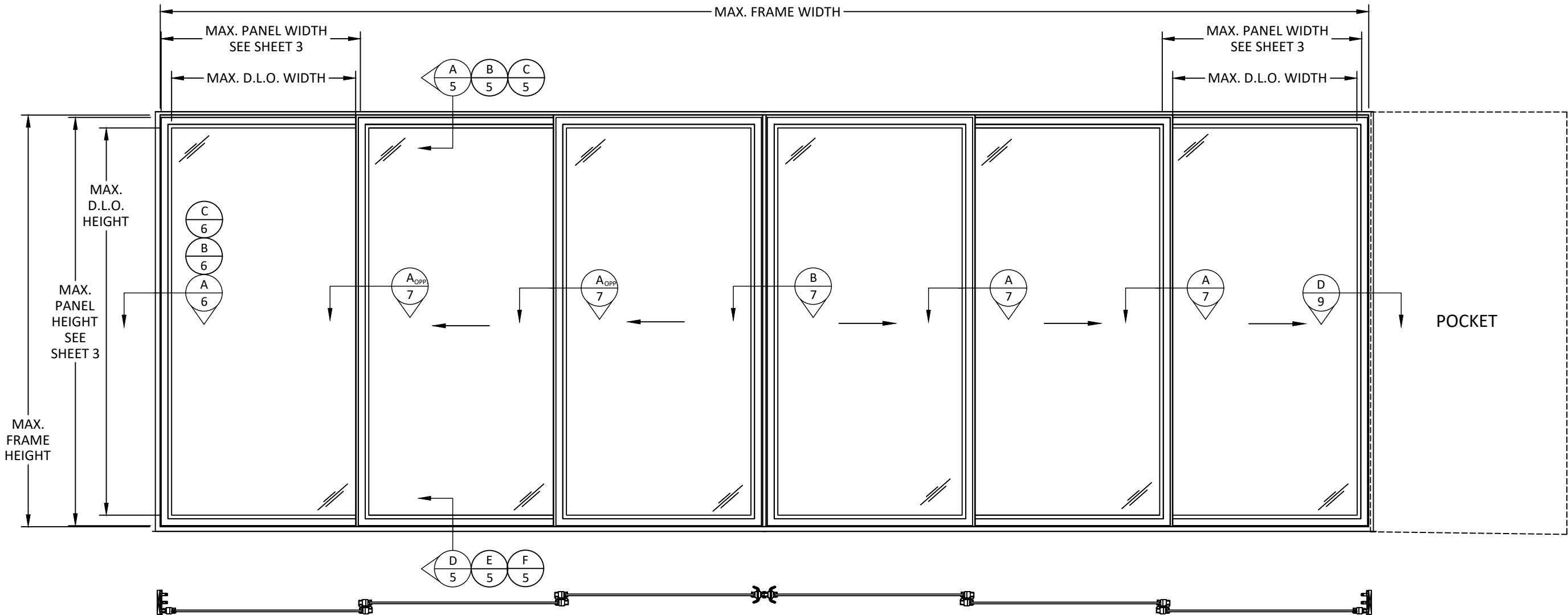
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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2024.02.29 15:54:30 -0600



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CHK. BY:	HFN
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- APPROVED CONFIGURATIONS:
2 TRACK - OX, XO, XX
3 PANEL - OOX, XOO, XOX, OXO, XXO, OXX, XXX
4 PANEL - OXXO, OXXX, XXXO, XXOO, XOOX, OOOX, XXXX
5 PANEL - XXOOO, OOOXX, XXXXX, OXXX, XXXXO
6 PANEL - OXXXXO, OXXXXP, XXXXX, XXXOOO, OOOXX, OOXOOO, XOOOXX, XXXXXO, OXXXXX, XXXXX
7 PANEL - XXXXXX, OXXXXXX, XXXXXO, OXXXXX
8 PANEL - OXXXXXXO, OXXXXXX, XXXXXXO, XXXXXX
9 PANEL - OXXXXXXX, XXXXXXO, OXXXXXXO, XXXXXX
10 PANEL - OXXXXXXXO, XXXXXXO, OXXXXXXX, XXXXXX

- POCKETS ARE QUALIFIED ON ANY CONFIGURATION.
- POCKETS ARE QUALIFIED FOR INSTALLATION ON EITHER SIDE OF THE SYSTEM. POCKETS ARE QUALIFIED TO BE USED ON BOTH SIDE AT THE SAME TIME.

ELEVATIONS TYP. SLIDING GLASS DOOR ELEVATION

- NOTE:
- FRAME WIDTH = NUMBER OF PANELS X PANEL WIDTH
 - FRAME HEIGHT = PANEL HEIGHT + 1.76"
 - D.L.O WIDTH = PANEL WIDTH - 9.00"
 - D.L.O HEIGHT = PANEL HEIGHT - 9.00"



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ELEVATION

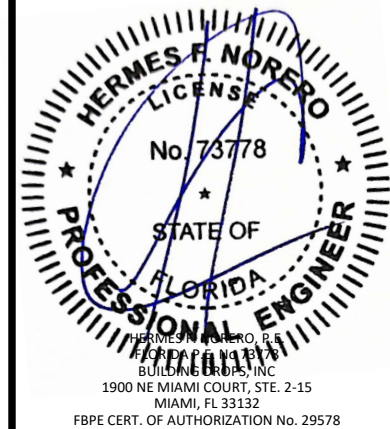
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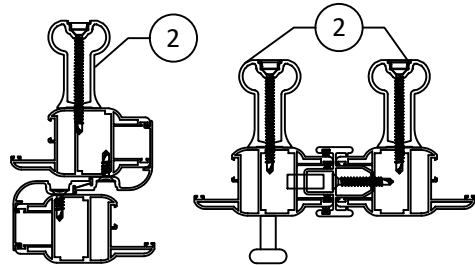
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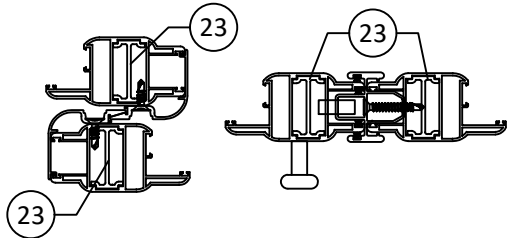
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DESIGN PRESSURE TABLE (PSF)							
NOMINAL DIMS.		REINFORCEMENT 1		REINFORCEMENT 2		REINFORCEMENT 3	
PANEL WIDTH (IN.)	FRAME HEIGHT (IN.)	POS. (+)	NEG. (-)	POS. (+)	NEG. (-)	POS. (+)	NEG. (-)
36	72	100.0	135.0	75.0	75.0	75.0	100.0
42		100.0	135.0	75.0	75.0	75.0	100.0
48		100.0	135.0	75.0	75.0	75.0	100.0
54		96.1	126.8	73.6	73.6	72.0	100.0
60		86.5	114.1	66.3	66.3	70.0	100.0
66		78.6	103.8	60.2	60.2	67.9	97.0
72		61.4	70.1	55.2	55.2	62.2	88.9
78		56.7	64.7	51.0	51.0	57.4	82.1
84		52.6	60.1	47.3	47.3	53.3	76.2
90		49.1	56.1	-	-	49.8	71.1
96		46.0	52.6	-	-	46.7	66.7
102		43.3	49.5	-	-	43.9	62.7
108	78	-	-	-	-	41.5	59.3
114		-	-	-	-	39.3	56.1
120		-	-	-	-	37.3	53.3
36		100.0	135.0	75.0	75.0	75.0	100.0
42		100.0	135.0	75.0	75.0	75.0	100.0
48		100.0	135.0	75.0	75.0	75.0	100.0
54		96.1	126.8	73.6	73.6	72.0	100.0
60		86.5	114.1	66.3	66.3	70.0	100.0
66		67.0	76.5	60.2	60.2	67.9	97.0
72		61.4	70.1	55.2	55.2	62.2	88.9
78		56.7	64.7	51.0	51.0	57.4	82.1
84		52.6	60.1	-	-	53.3	76.2
90	84	49.1	56.1	-	-	49.8	71.1
96		46.0	52.6	-	-	46.7	66.7
102		-	-	-	-	43.9	62.7
108		-	-	-	-	41.5	59.3
114		-	-	-	-	39.3	56.1
36		100.0	135.0	75.0	75.0	75.0	100.0
42		100.0	135.0	75.0	75.0	75.0	100.0
48		100.0	135.0	75.0	75.0	75.0	100.0
54		96.1	126.8	73.6	73.6	72.0	100.0
60		86.5	114.1	66.3	66.3	70.0	100.0
66		67.0	76.5	60.2	60.2	67.9	97.0
72		61.4	70.1	55.2	55.2	62.2	88.9
78		56.7	64.7	-	-	57.4	82.1
84		52.6	60.1	-	-	53.3	76.2
90		49.1	56.1	-	-	49.8	71.1
96		-	-	-	-	46.7	66.7
102		-	-	-	-	43.9	62.7



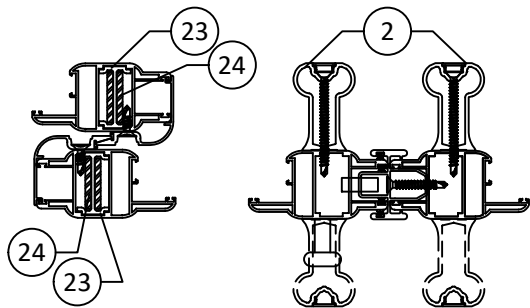
A
3 CROSS SECTION
REINFORCMENT CONFIG. 1

DESIGN PRESSURE TABLE (PSF)							
NOMINAL DIMS.		REINFORCEMENT 1		REINFORCEMENT 2		REINFORCEMENT 3	
PANEL WIDTH (IN.)	FRAME HEIGHT (IN.)	POS. (+)	NEG. (-)	POS. (+)	NEG. (-)	POS. (+)	NEG. (-)
36	90	100.0	135.0	75.0	75.0	75.0	100.0
42		100.0	135.0	75.0	75.0	75.0	100.0
48		100.0	135.0	75.0	75.0	75.0	100.0
54		96.1	126.8	73.6	73.6	72.0	100.0
60		70.0	80.0	66.3	66.3	70.0	100.0
66		67.0	76.5	60.2	60.2	67.9	97.0
72		61.4	70.1	-	-	62.2	88.9
78		56.7	64.7	-	-	57.4	82.1
84		52.6	60.1	-	-	53.3	76.2
90		-	-	-	-	49.8	71.1
96		-	-	-	-	46.7	66.7
102		-	-	-	-	43.9	62.7
36	96	100.0	135.0	75.0	75.0	75.0	100.0
42		100.0	135.0	75.0	75.0	75.0	100.0
48		100.0	135.0	75.0	75.0	75.0	100.0
54		70.0	80.0	73.6	73.6	72.0	100.0
60		70.0	80.0	66.3	66.3	70.0	100.0
66		67.0	76.5	60.2	60.2	67.9	97.0
72		61.4	70.1	-	-	62.2	88.9
78		56.7	64.7	-	-	57.4	82.1
84		-	-	-	-	53.3	76.2
90		-	-	-	-	49.8	71.1
96		-	-	-	-	46.7	66.7
102		-	-	-	-	43.9	62.7
36	102	70.0	80.0	75.0	75.0	75.0	100.0
42		70.0	80.0	75.0	75.0	75.0	100.0
48		70.0	80.0	75.0	75.0	75.0	100.0
54		70.0	80.0	73.6	73.6	72.0	100.0
60		70.0	80.0	66.3	66.3	70.0	100.0
66		67.0	76.5	-	-	67.9	97.0
72		61.4	70.1	-	-	62.2	88.9
78		-	-	-	-	57.4	82.1
84		-	-	-	-	53.3	76.2
90		-	-	-	-	49.8	71.1
96		-	-	-	-	46.7	66.7
102		-	-	-	-	43.9	62.7
36	108	70.0	80.0	75.0	75.0	75.0	100.0
42		70.0	80.0	75.0	75.0	75.0	100.0
48		70.0	80.0	75.0	75.0	75.0	100.0
54		70.0	80.0	73.6	73.6	72.0	100.0
60		70.0	80.0	-	-	70.0	100.0
66		67.0	76.5	-	-	67.9	97.0
72		-	-	-	-	62.2	88.9
78		-	-	-	-	57.4	82.1
84		-	-	-	-	53.3	76.2
90		-	-	-	-	49.8	71.1
96		-	-	-	-	46.7	66.7
102		-	-	-	-	43.9	62.7



B
3 CROSS SECTION
REINFORCEMENT CONFIG. 2

DESIGN PRESSURE TABLE (PSF)							
NOMINAL DIMS.		REINFORCEMENT 1		REINFORCEMENT 2		REINFORCEMENT 3	
PANEL WIDTH (IN.)	FRAME HEIGHT (IN.)	POS. (+)	NEG. (-)	POS. (+)	NEG. (-)	POS. (+)	NEG. (-)
36	114	70.0	80.0	75.0	75.0	75.0	100.0
42		70.0	80.0	75.0	75.0	75.0	100.0
48		70.0	80.0	75.0	75.0	75.0	100.0
54		70.0	80.0	73.6	73.6	72.0	100.0
60		70.0	80.0	-	-	70.0	100.0
66		67.0	76.5	-	-	67.9	97.0
72		-	-	-	-	62.2	88.9
78		-	-	-	-	57.4	82.1
36	120	70.0	80.0	75.0	75.0	75.0	100.0
42		70.0	80.0	75.0	75.0	75.0	100.0
48		70.0	80.0	75.0	75.0	75.0	100.0
54		70.0	80.0	-	-	72.0	100.0
60		70.0	80.0	-	-	70.0	100.0
66		-	-	-	-	67.9	97.0
72		-	-	-	-	62.2	88.9
36	126	-	-	-	-	75.0	100.0
42		-	-	-	-	75.0	100.0
48		-	-	-	-	75.0	100.0
54		-	-	-	-	72.0	100.0
60		-	-	-	-	70.0	100.0
66		-	-	-	-	67.9	97.0
36	132	-	-	-	-	75.0	100.0
42		-	-	-	-	75.0	100.0
48		-	-	-	-	75.0	100.0
54		-	-	-	-	72.0	100.0
60		-	-	-	-	70.0	100.0
66		-	-	-	-	67.9	97.0
36	138	-	-	-	-	75.0	100.0
42		-	-	-	-	75.0	100.0
48		-	-	-	-	75.0	100.0
54		-	-	-	-	72.0	100.0
60		-	-	-	-	70.0	100.0
66		-	-	-	-	67.9	97.0
36	144	-	-	-	-	70.0	100.0
42		-	-	-	-	70.0	100.0
48		-	-	-	-	70.0	100.0
54		-	-	-	-	70.0	100.0
60		-	-	-	-	70.0	100.0
62		-	-	-	-	70.0	100.0



C
3 CROSS SECTION
REINFORCEMENT CONFIG. 3



2790 NW 104TH COURT
DORAL, FL 33172
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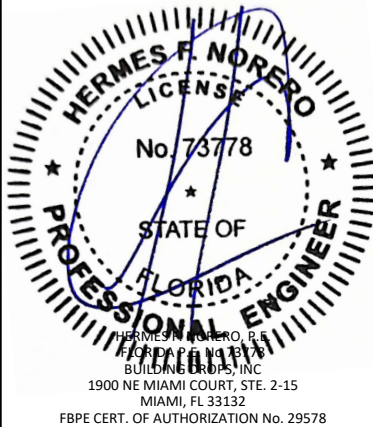
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(HVHZ)/(IMPACT)
DESIGN PRESSURE TABLES
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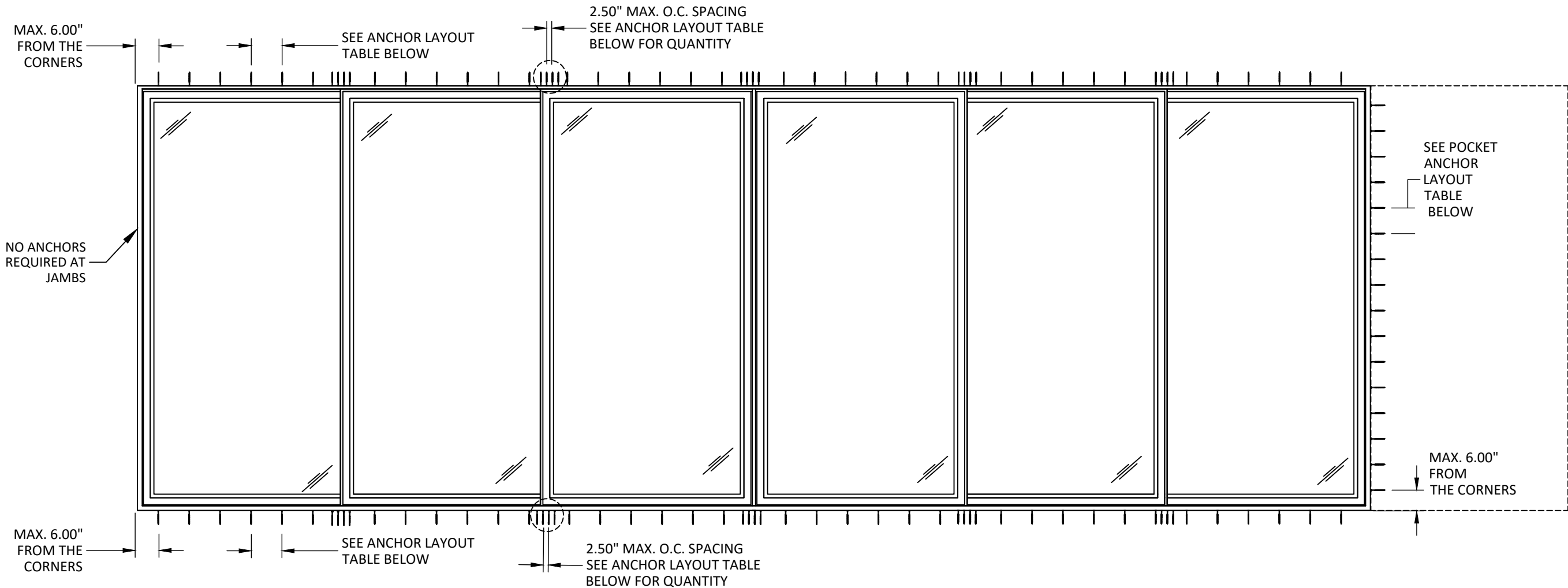
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ANCHOR LAYOUT
THROUGH FRAME INSTALLATION

LONG DIMENSION ANCHOR SPACING TABLE (IN.)																
PANEL HEIGHT (IN.)	MAX. ALLOWABLE DESIGN PRESSURE (PSF)															
	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0
78	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	11.0	11.0
84	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.0	12.0	12.0	10.0	10.0	10.0	9.0	9.0
90	13.0	13.0	13.0	13.0	12.0	12.0	11.0	11.0	11.0	10.0	10.0	10.0	9.0	9.0	8.0	8.0
96	13.0	13.0	13.0	12.0	12.0	10.0	10.0	9.0	9.0	9.0	8.0	8.0	8.0	8.0	7.0	7.0
102	13.0	12.0	12.0	11.0	10.0	10.0	9.0	9.0	8.0	8.0	7.0	7.0	7.0	6.0	6.0	6.0
108	13.0	12.0	10.0	10.0	9.0	9.0	9.0	8.0	7.0	7.0	7.0	6.0	6.0	6.0	6.0	6.0
114	11.0	11.0	10.0	9.0	8.0	8.0	8.0	7.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0	5.0
120	10.0	10.0	9.0	9.0	8.0	8.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0	5.0	5.0	5.0
126	10.0	9.0	9.0	8.0	7.0	7.0	7.0	6.0	6.0	6.0	5.0	5.0	5.0	5.0	4.0	4.0
132	9.0	8.0	8.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0	5.0	5.0	4.0	4.0	4.0	4.0
138	9.0	8.0	8.0	7.0	6.0	6.0	6.0	5.0	5.0	5.0	5.0	4.0	4.0	4.0	4.0	4.0
141.38	8.0	8.0	7.0	7.0	6.0	6.0	5.0	5.0	5.0	5.0	4.0	4.0	4.0	4.0	4.0	3.0

INTERLOCK/ MEETING STILE ANCHOR CLUSTER QUANTITY																
PANEL HEIGHT (IN.)	MAX. ALLOWABLE DESIGN PRESSURE (PSF)															
	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0
78	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5
84	4	4	4	4	4	4	4	4	5	5	5	6	6	6	6	6
90	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6
96	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
102	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
108	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
114	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
126	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
132	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
138	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
141.38	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6

SHORT DIMENSION/ PCOKET ANCHOR SPACING TABLE (IN.)																
PANEL WIDTH. (IN.)	MAX. ALLOWABLE DESIGN PRESSURE (PSF)															
	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0
24	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.0	12.0	12.0	12.0
30	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
36	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
42	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	10.0	10.0	10.0	10.0	10.0
48	13.0	13.0	13.0	13.0	13.0	13.0	12.0	12.0	12.0	12.0	12.0	12.0	9.0	9.0	9.0	9.0
54	13.0	13.0	13.0	13.0	13.0	13.0	13.0	10.0	10.0	10.0	10.0	9.0	9.0	9.0	9.0	9.0
60	13.0	13.0	13.0	12.0	12.0	12.0	12.0	10.0	10.0	10.0	10.0	8.0	8.0	8.0	7.0	7.0
66	13.0	13.0	13.0	13.0	11.0	11.0	11.0	9.0	9.0	9.0	8.0	8.0	8.0	7.0	7.0	7.0
72	13.0	12.0	12.0	12.0	10.0	10.0	9.0	9.0	9.0	8.0	8.0	8.0	7.0	7.0	6.0	6.0
78	13.0	13.0	11.0	11.0	9.0	9.0	8.0	8.0	7.0	7.0	7.0	7.0	6.0	6.0	6.0	6.0



2790 NW 104TH COURT
DORAL, FL 33172
PH: (305) 599-8093

TITLE: SERIES EKU-9000 SLIDING
GLASS DOOR
(HVHZ)/(IMPACT)
ANCHOR LAYOUT &
ANCHOR TABLES

PREPARED BY:
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MIAMI, FL 33132
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FL #: **FL17726**

DATE: **02.12.2024**

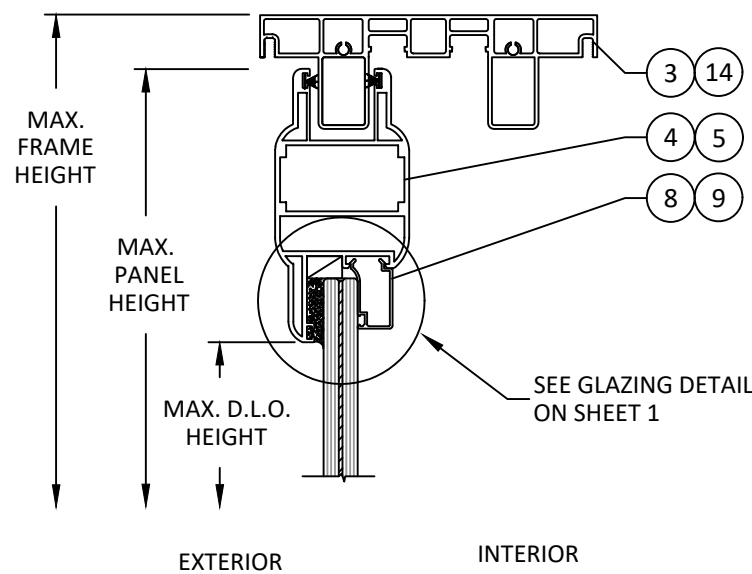
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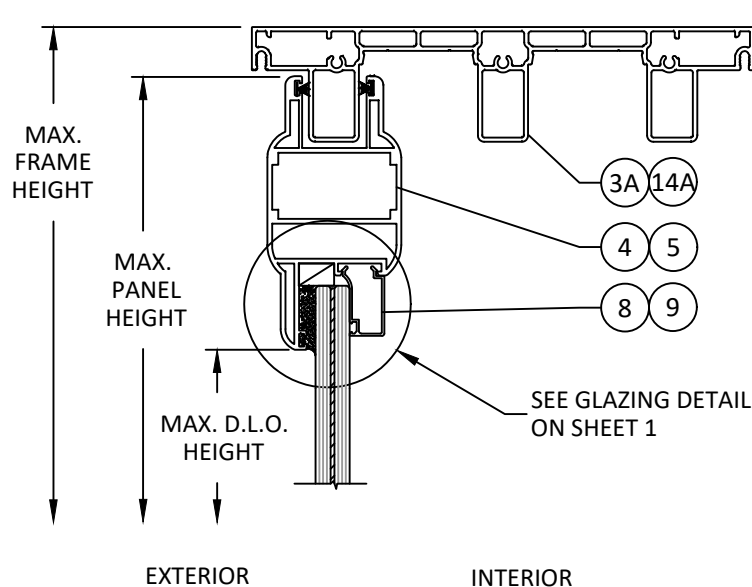
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OF 11

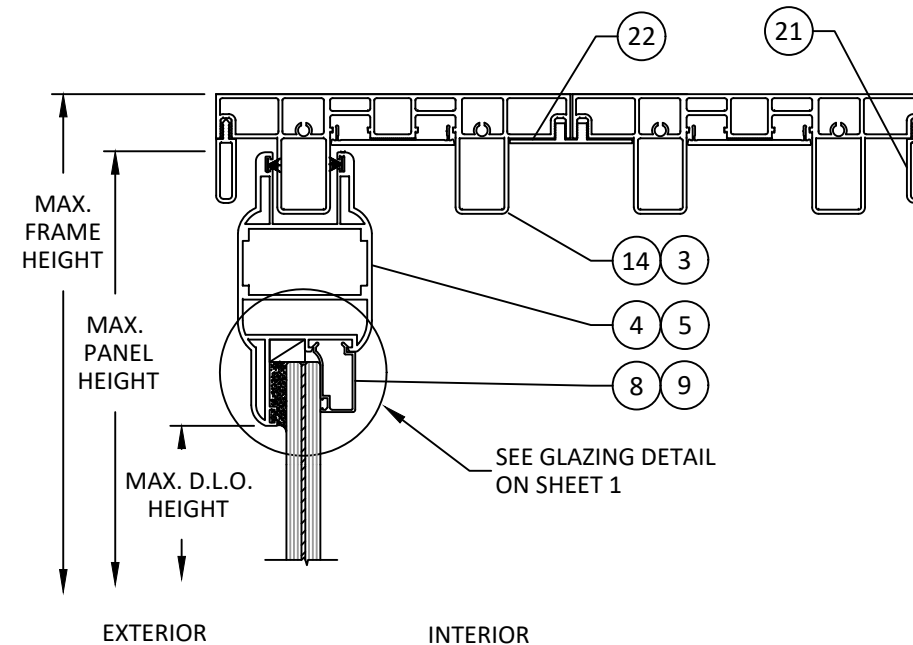
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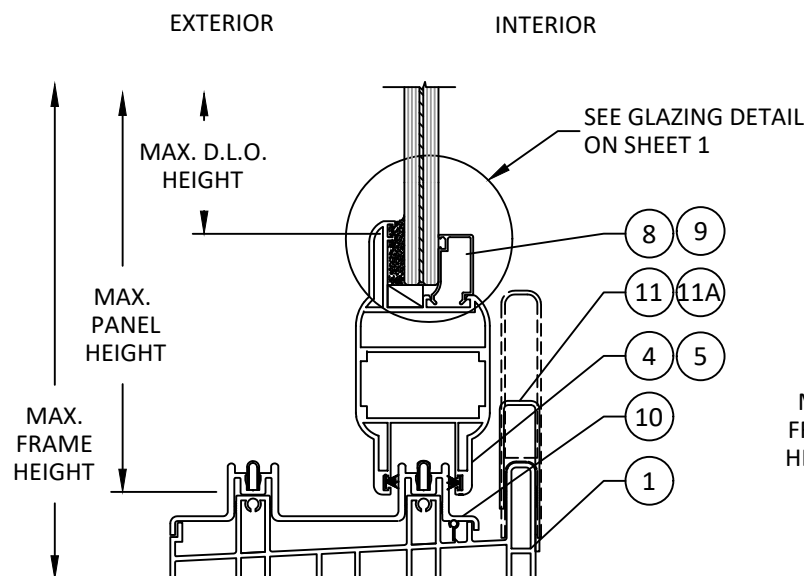
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5 VERTICAL SECTION
TYP. 2 TRACK HEAD DETAIL



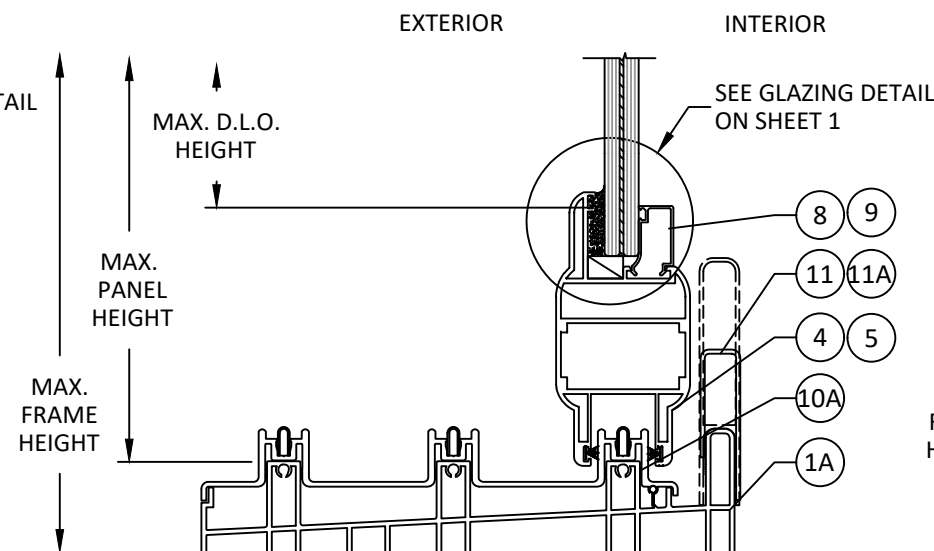
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TYP. 3 TRACK HEAD DETAIL



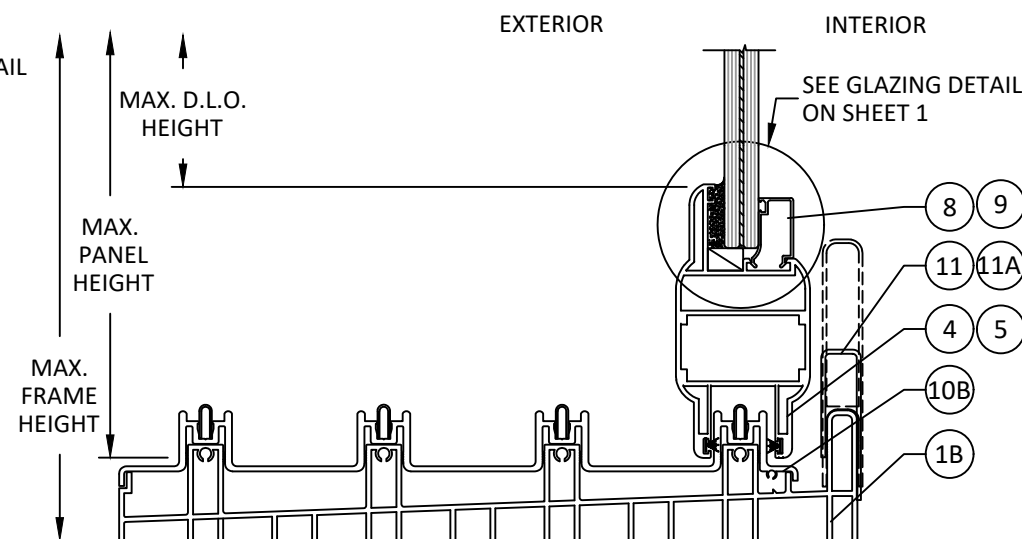
C
5 VERTICAL SECTION
TYP. 4 TRACK HEAD DETAIL



D
5 VERTICAL SECTION
TYP. 2 TRACK SILL DETAIL



E
5 VERTICAL SECTION
TYP. 3 TRACK SILL DETAIL



F
5 VERTICAL SECTION
TYP. 4 TRACK SILL DETAIL



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PH: (305) 599-8093

TITLE: SERIES EKU-9000 SLIDING
GLASS DOOR
(HVHZ)/(IMPACT)

VERTICAL SECTIONS

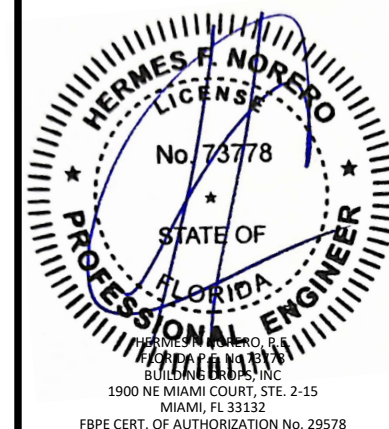
PREPARED BY: BUILDING DROPS, INC.

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SCALE: **NTS**

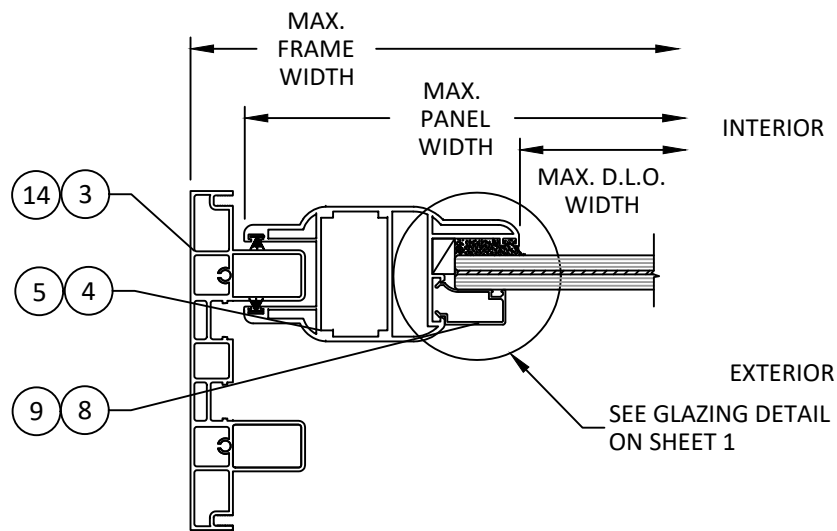
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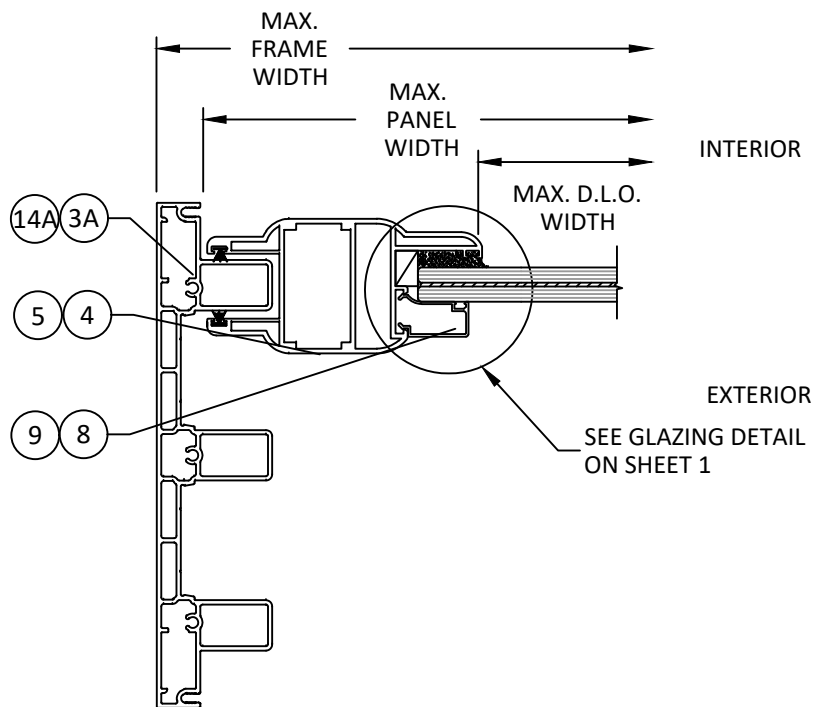
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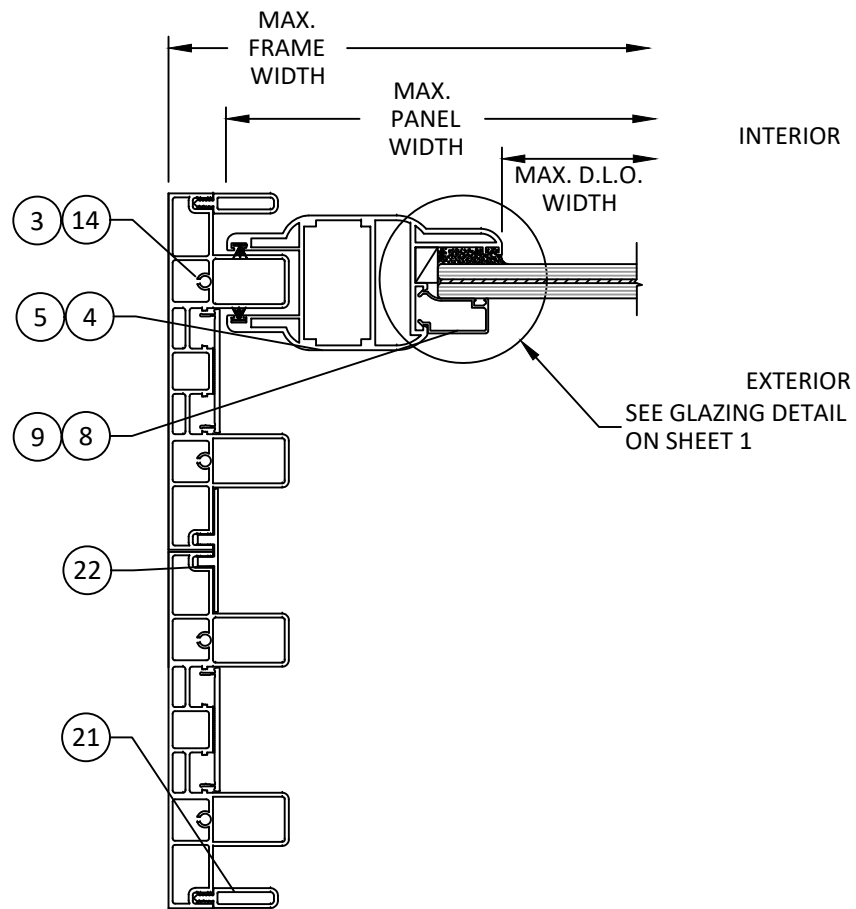
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A
6 HORIZONTAL SECTION
TYP. 2 TRACK JAMB DETAIL



B
6 HORIZONTAL SECTION
TYP. 3 TRACK JAMB DETAIL



C
6 HORIZONTAL SECTION
TYP. 4 TRACK JAMB DETAIL



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TITLE: SERIES EKU-9000 SLIDING
GLASS DOOR
(HVHZ)/(IMPACT)
HORIZONTAL SECTIONS

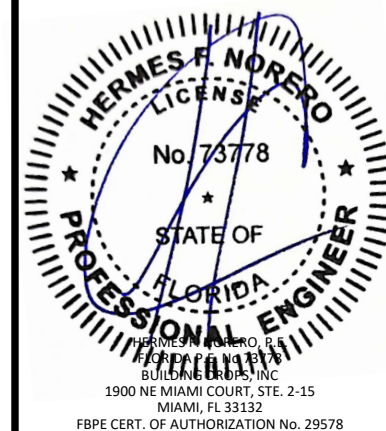
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DWG. #: **LFT012**

SHEET:

6

OF 11

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DORAL, FL 33172
PH: (305) 599-8093

TITLE: SERIES EKU-9000 SLIDING
GLASS DOOR
(HVHZ)/(IMPACT)

HORIZONTAL SECTIONS

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HFN

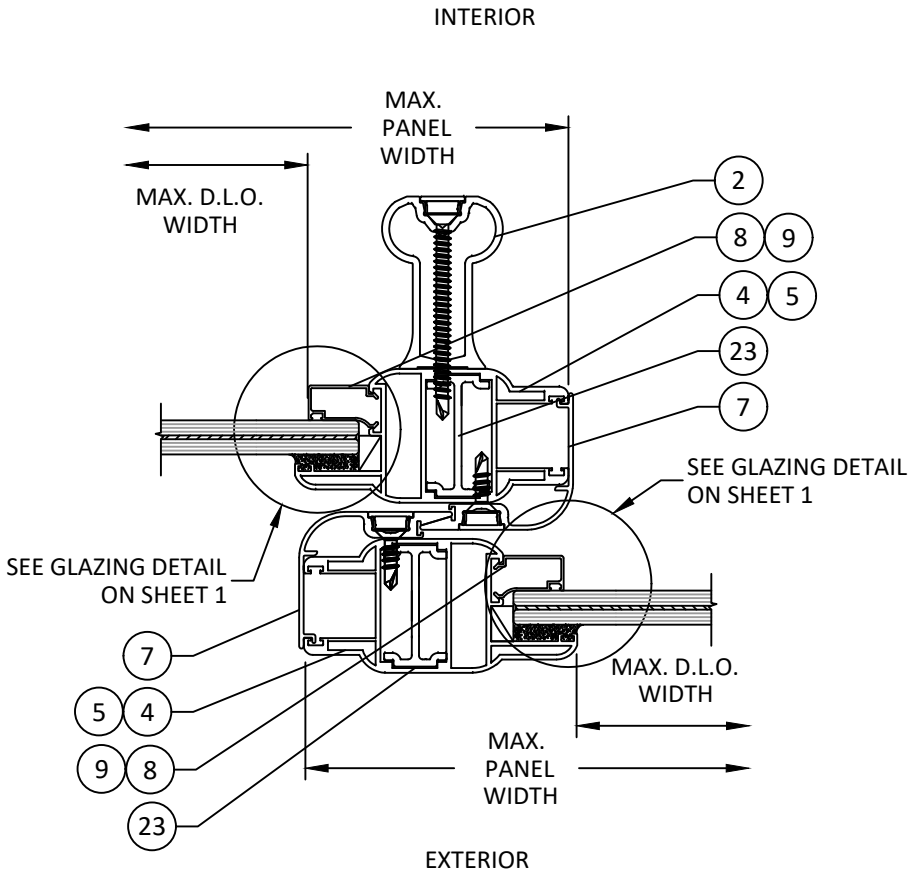
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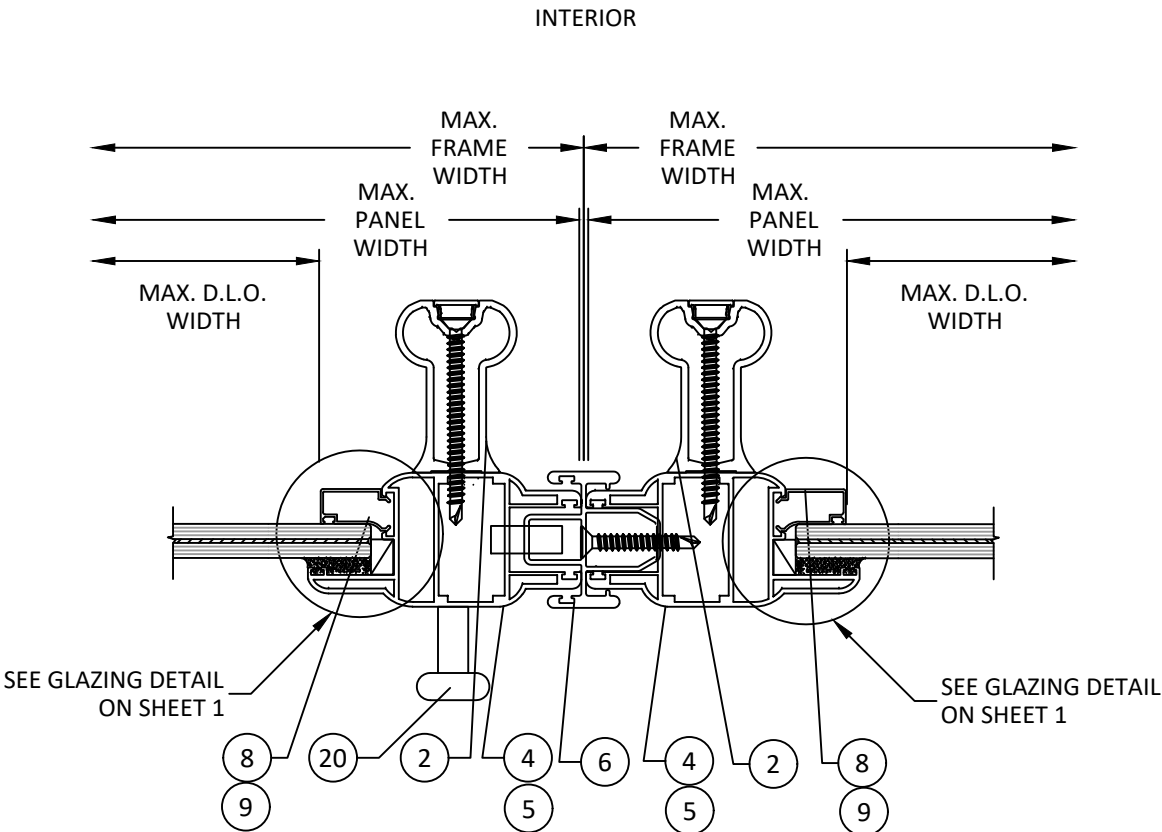
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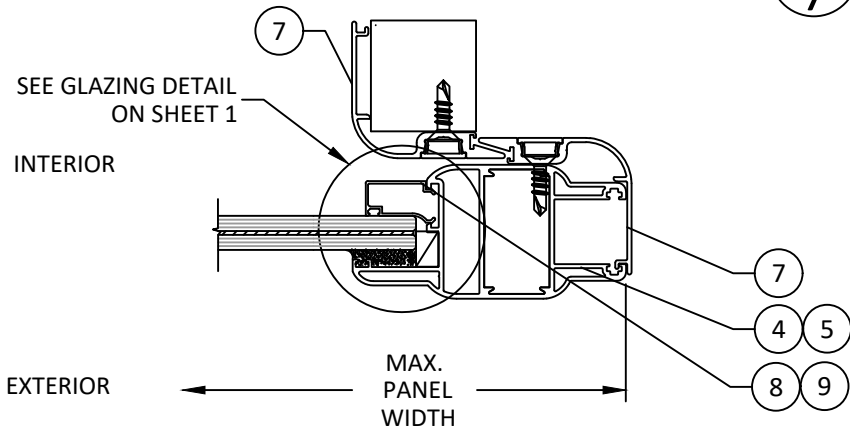
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A
7
HORIZONTAL SECTION
TYP. INTERLOCK DETAIL

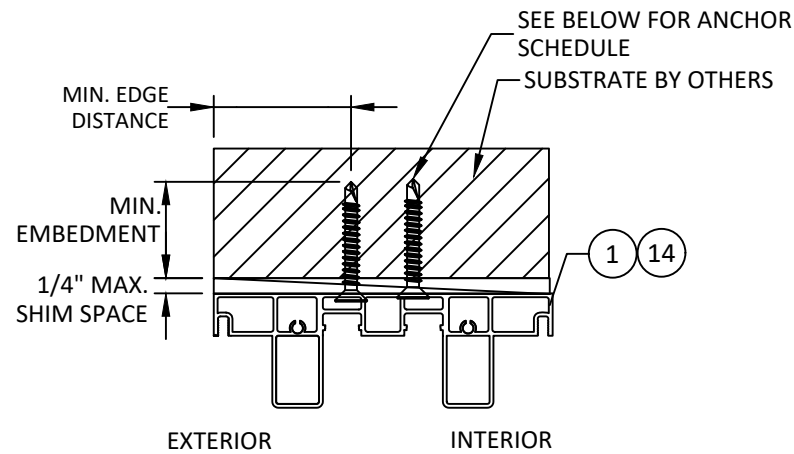


B
7
HORIZONTAL SECTION
TYP. ASTRAGAL DETAIL



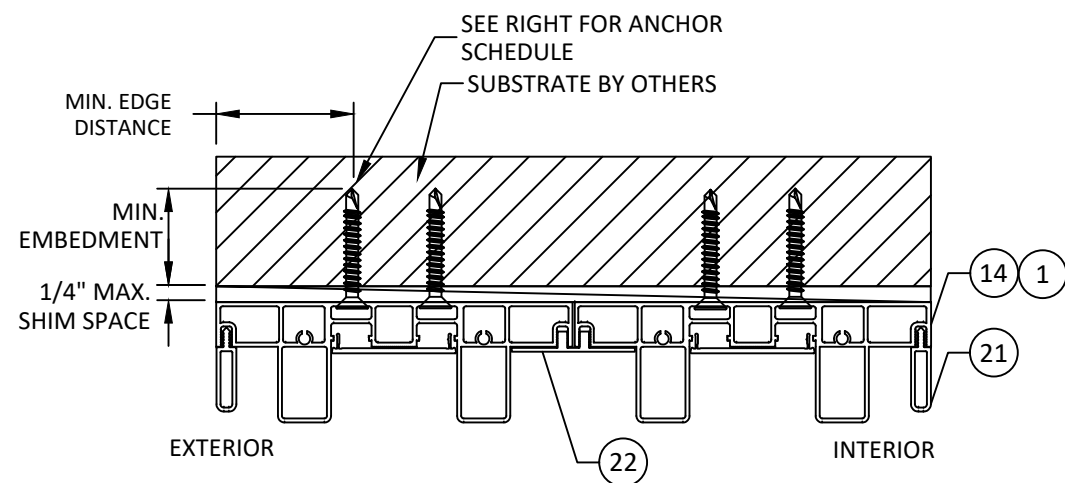
C
7
HORIZONTAL SECTION
TYP. JAMB POCKET DETAIL

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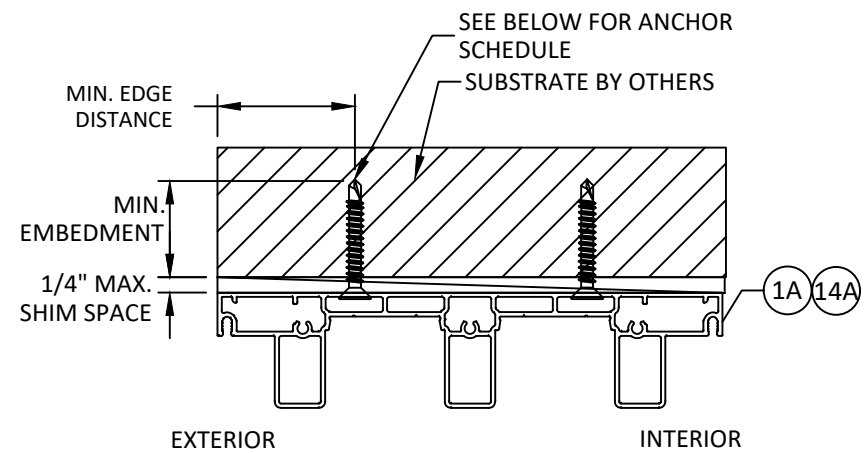
A
8 VERTICAL SECTION
HEAD - THROUGH FRAME

HEAD ANCHOR INSTALLATION
SHOWN, JAMB ANCHOR
INSTALLATION IS SIMILAR.



C
8 VERTICAL SECTION
HEAD - THROUGH FRAME

HEAD ANCHOR INSTALLATION
SHOWN, JAMB ANCHOR
INSTALLATION IS SIMILAR.



B
8 VERTICAL SECTION
HEAD - THROUGH FRAME

HEAD ANCHOR INSTALLATION
SHOWN, JAMB ANCHOR
INSTALLATION IS SIMILAR.

ANCHOR SCHEDULE					
METHOD	SUBSTRATE	ANCHOR SCHEDULE	MIN. EMBEDMENT	MIN. EDGE DISTANCE	SPACING
THROUGH FRAME	WOOD: MIN. SG = 0.55	#14 WOOD SCREW	1.50"	0.75"	SEE SHEET 4
	METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI ALUMINUM: 1/8" MIN. 6063-T5	1/4" SELF DRILLING TAPCON	3 THREADS MIN. PENETRATION BEYOND STRUCTURE	0.50"	
	CONCRETE: fc = 3000PSI	1/4" ITW TAPCON	1.50"	3.00"	
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI	1/4" ITW TAPCON	1.00"	3.00"	



2790 NW 104TH COURT
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TITLE: SERIES EKU-9000 SLIDING
GLASS DOOR
(HVHZ)/(IMPACT)

ANCHOR DETAILS & SCHEDULE

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MIAMI, FL 33132

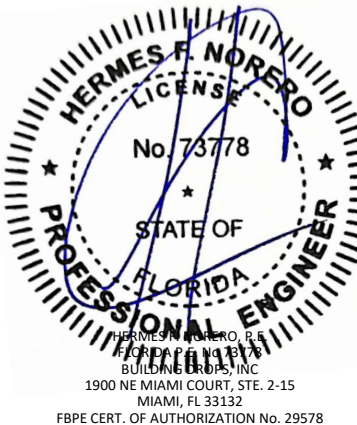
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DATE: **02.12.2024**

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FB

CHK. BY:
HFN

SCALE: **NTS**

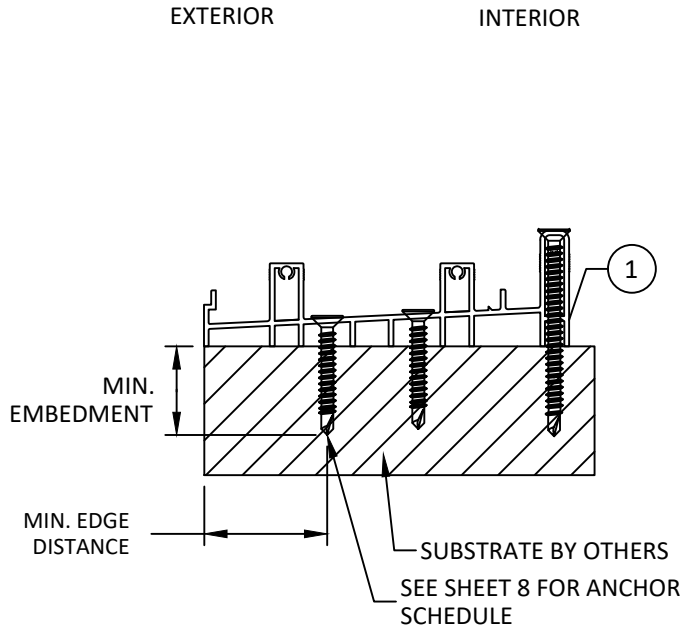
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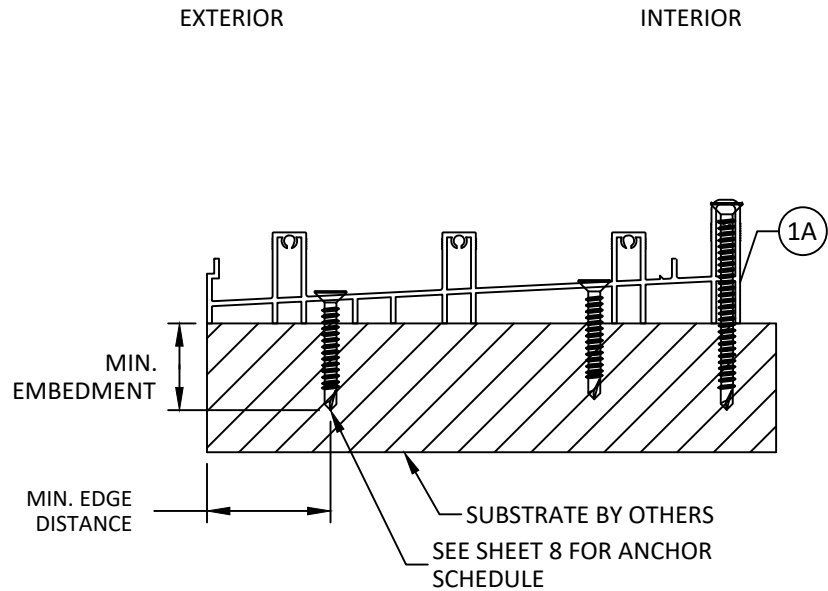
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OF 11

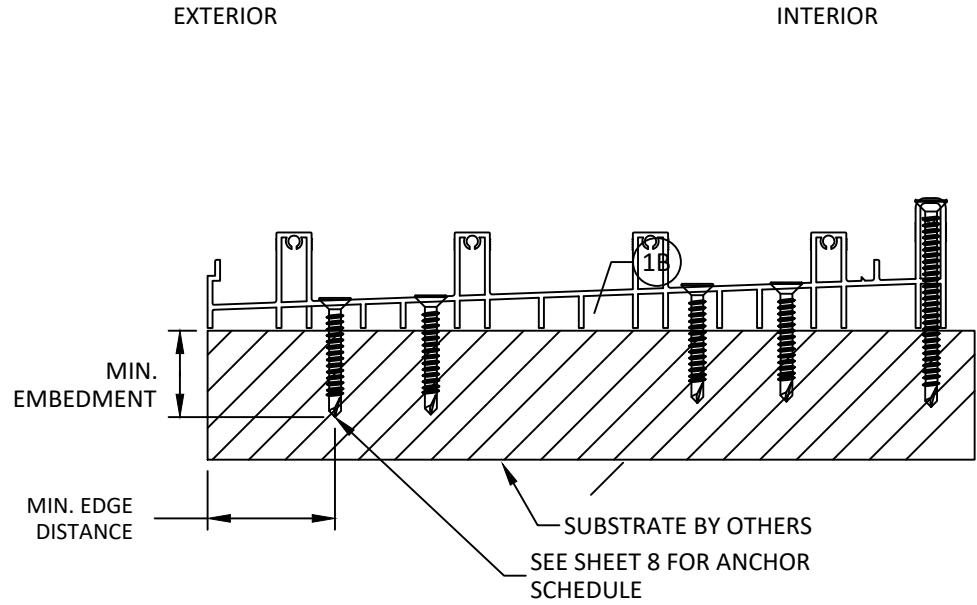
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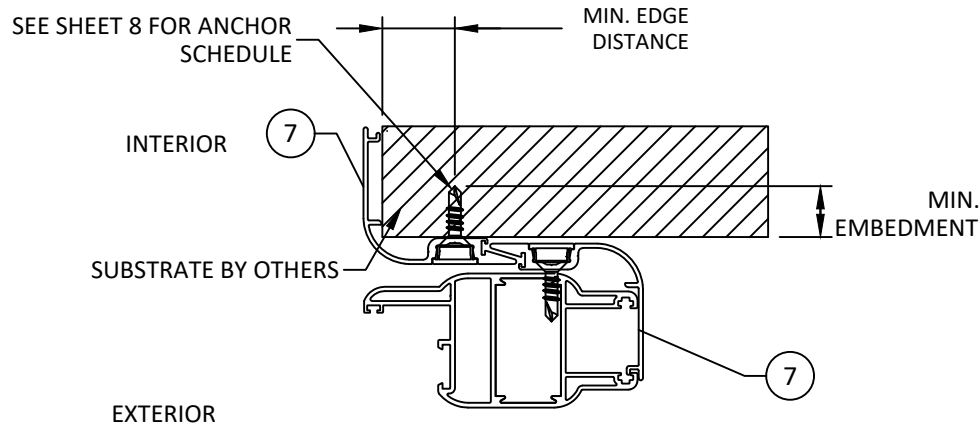
A
9 VERTICAL SECTION
SILL - THROUGH FRAME



B
9 VERTICAL SECTION
SILL - THROUGH FRAME



C
9 VERTICAL SECTION
SILL - THROUGH FRAME



D
9 HORIZONTAL SECTION
TYP. JAMB POCKET DETAIL



2790 NW 104TH COURT
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PH: (305) 599-8093

TITLE: SERIES EKU-9000 SLIDING
GLASS DOOR
(HVHZ)/(IMPACT)
ANCHOR DETAILS

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SCALE: **NTS**

DWG. #: **LFT012**

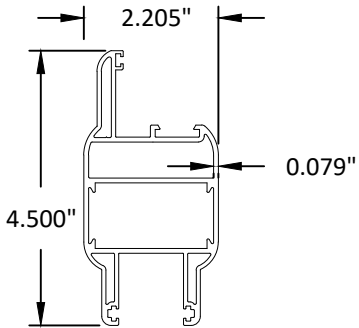
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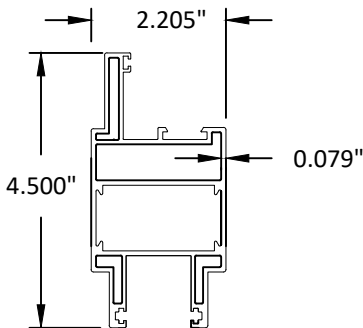
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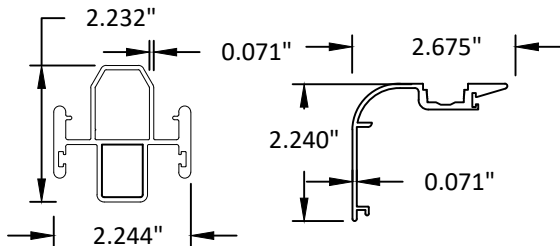
SERIES EKU 9000 SLIDING GLASS DOOR - BILL OF MATERIALS				
ITEM	PART NO.	DESCRIPTION	MATERIAL	MANUF./SUPPLIER/REMARKS
1	P026308	2 TRACK SILL	6063-T5	GRUPPO PROFILATI SPA
1A	P027262	3 TRACK SILL	6063-T5	GRUPPO PROFILATI SPA
1B	P028185	4 TRACK SILL	6063-T5	GRUPPO PROFILATI SPA
2	P026674	PANEL REINFORCEMENT	6063-T5	GRUPPO PROFILATI SPA
3	P028187	2 TRACK HEAD/JAMB	6063-T5	GRUPPO PROFILATI SPA
3A	P027260	3 TRACK HEAD/JAMB	6063-T5	GRUPPO PROFILATI SPA
4	P026301	CLASSICA STILE/RAIL	6063-T5	GRUPPO PROFILATI SPA
5	P027917	FUTURA STILE/RAIL	6063-T5	GRUPPO PROFILATI SPA
6	P026304	ASTRAGAL	6063-T5	GRUPPO PROFILATI SPA
7	P026302	POCKET HOOK	6063-T5	GRUPPO PROFILATI SPA
8	P04294	GLAZING BEAD	6063-T5	GRUPPO PROFILATI SPA
9	P026310-MOD	GLAZING BEAD	6063-T5	GRUPPO PROFILATI SPA
10	P026307	2 TRACK SILL COVER	6063-T5	GRUPPO PROFILATI SPA
10A	P027261	3 TRACK SILL COVER	6063-T5	MONTICELLI
10B	P028186	4 TRACK SILL COVER	6063-T5	MONTICELLI
11	P026673	2.55" SILL RISER	6063-T5	GRUPPO PROFILATI SPA
11A	P026673-MOD	4" SILL RISER	6063-T5	GRUPPO PROFILATI SPA
12	5003	CORNER KEY FOR PANEL	-	MONTICELLI
13	410	CORNER KEY FOR FRAME	-	MONTICELLI
14	-	ALTERNATE 2 TRACK FRAME	6063-T5	GRUPPO PROFILATI SPA
14A	-	ALTERNATE 3 TRACK FRAME	6063-T5	GRUPPO PROFILATI SPA
15	TA.81.1981.PRN.212.WSST	TANDEM ROLLER ITEM	S.S	AMESBURY
16	SS.ADH.3006.84	SLIDING DOOR LOCK	S.S	AMESBURY
17	SS.ADH.3021.84	KEEPER	S.S	AMESBURY
18	ULTRA FAB	WEATHER SEAL	WEATHERING	TRIFIN
19	-	2" X 4" DUST PLUG	-	ULTRAFAB
20	-	DOOR HANDLE	-	-
21	-	FRAME STOP	6063-T5	GRUPPO PROFILATI SPA
22	-	4 TRACK FRAME ADAPTOR	6063-T5	GRUPPO PROFILATI SPA
23	-	ALUMINUM REINFORCEMENT	6063-T5	
24	-	STEEL REINFORCEMENT	A-36	1.65" X 0.188" STEEL BARS



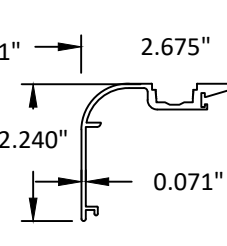
4 CLASSICA STILE/RAIL
6063-T5



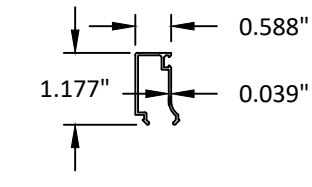
5 FUTURA STILE/RAIL
6063-T5



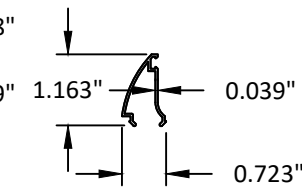
6 ASTRAGAL
6063-T5



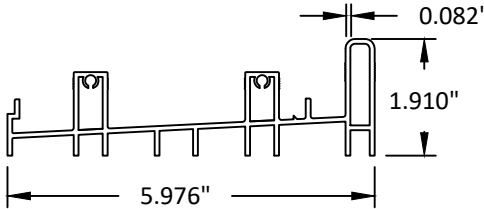
7 POCKET HOOK
6063-T5



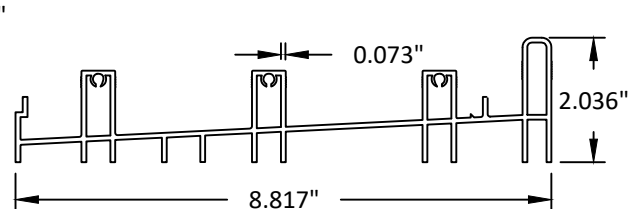
8 GLAZING BEAD
6063-T5



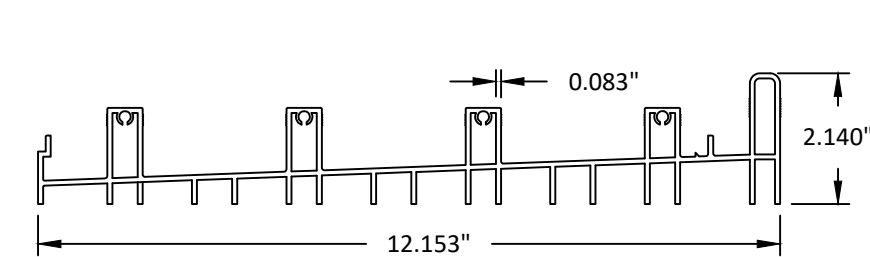
9 GLAZING BEAD
6063-T5



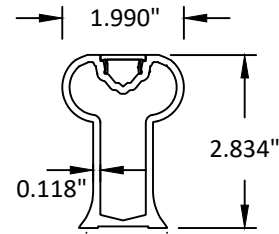
1 2 TRACK SILL
6063-T5



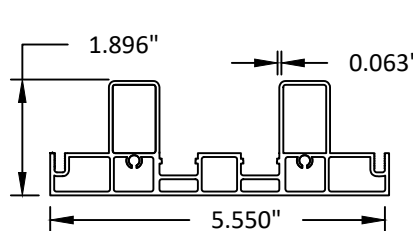
1A 3 TRACK SILL
6063-T5



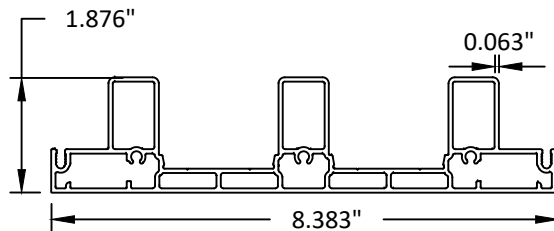
1B 4 TRACK SILL
6063-T5



2 PANEL REINFORCEMENT
6063-T5



3 2 TRACK HEAD/JAMB
6063-T5



3A 3 TRACK HEAD/JAMB
6063-T5



2790 NW 104TH COURT
DORAL, FL 33172
PH: (305) 599-8093

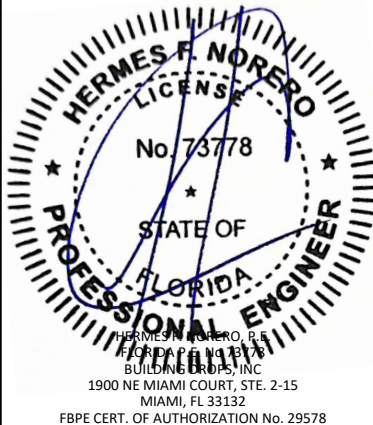
TITLE: SERIES EKU-9000 SLIDING
GLASS DOOR
(HVHZ)/(IMPACT)
COMPONENTS & BILL
OF MATERIALS

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

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.



FL #:
FL17726

DATE: 02.12.2024

DWG. BY: FB
CHK. BY: HFN

SCALE: NTS

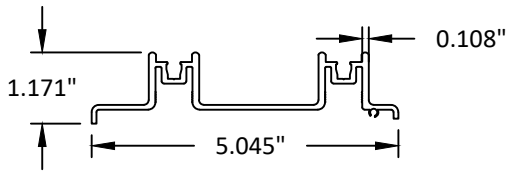
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SHEET:

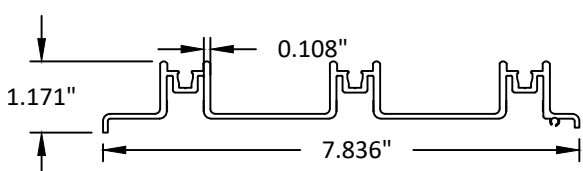
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OF 11

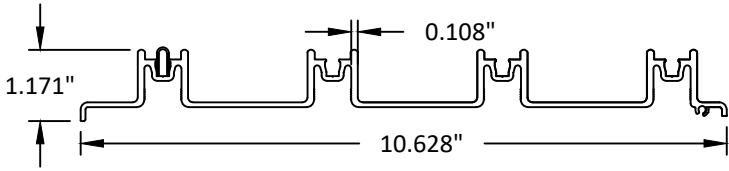
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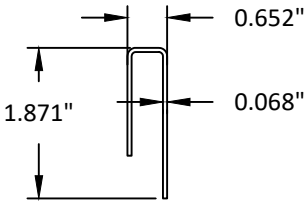
10 2 TRACK SILL COVER
6063-T5



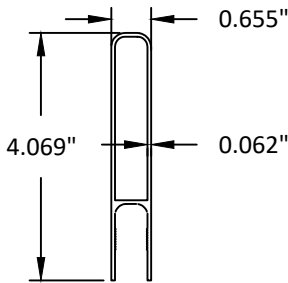
10A 3 TRACK SILL COVER
6063-T5



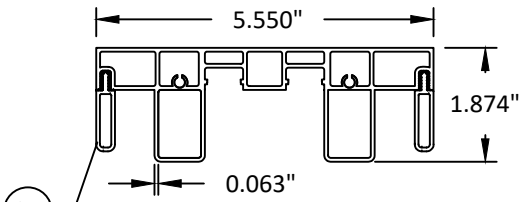
10B 4 TRACK SILL COVER
6063-T5



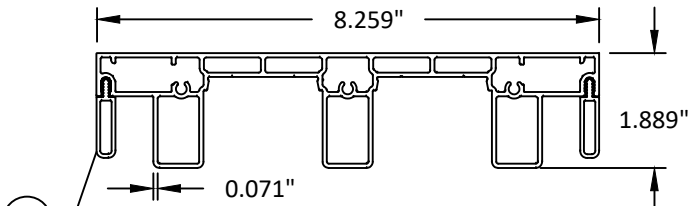
11 2.55" SILL RISER
6063-T5



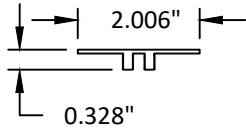
11A 4" SILL RISER
6063-T5



14 ALT. 2 TRACK FRAME
6063-T5



14A ALT. 3 TRACK FRAME
6063-T5



22 DUAL TRACK ADAPTER
6063-T5



2790 NW 104TH COURT
DORAL, FL 33172
PH: (305) 599-8093

TITLE: SERIES EKU-9000 SLIDING
GLASS DOOR
(HVHZ)/(IMPACT)

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SHEET:

11

OF 11