

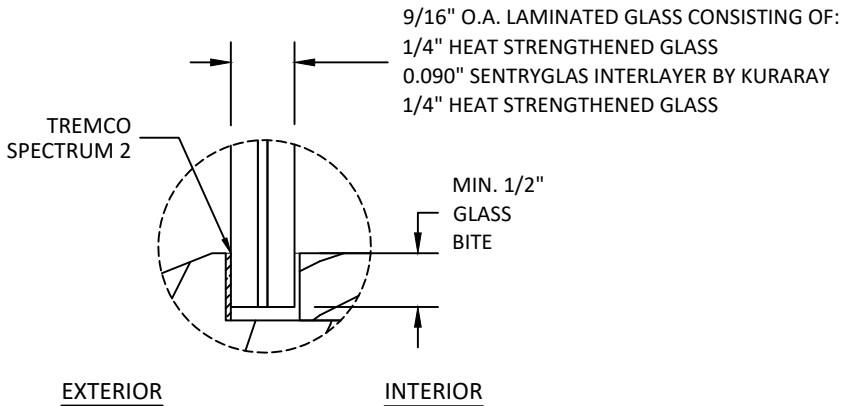
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MILLWORK ARTISANS

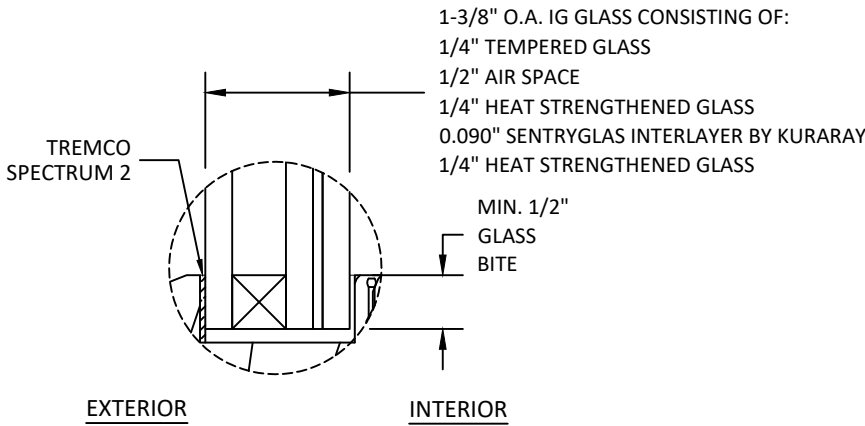
LIFT AND SLIDE DOOR (HVHZ)(IMPACT)

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
 - AAMA/WDMA/CSA 101/I.S.2/A440-17
- 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 $\pm 1/2$ 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.
- 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.
- WINDOW FRAME MATERIAL: MAHOGANY
- GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.
- DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
 - X: OPERABLE PANEL
 - O: FIXED PANEL



GLAZING DETAIL 1



GLAZING DETAIL 2

DESIGN PRESSURE RATING (PSF)						
PROFILE	FRAME WIDTH (IN.)	FRAME HEIGHT (IN.)	PANEL WIDTH (IN.)	PANEL HEIGHT (IN.)	DESIGN PRESSURE	MISSILE IMPACT RATING
FFI	393"	126-1/16"	67-7/8"	119"	+55/-60	LARGE & SMALL MISSILE IMPACT
SIEGENIA	395-5/8"	123"	67-7/8"	118-5/8"		

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

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.



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TITLE:
LIFT AND SLIDE DOOR
(HVHZ) (IMPACT)
GENERAL NOTES &
GLAZING DETAIL

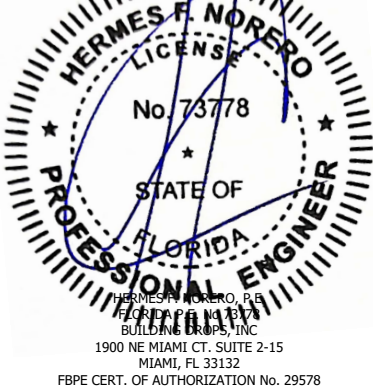
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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2025.04.11 17:02:42 -04'00'



FL #:

FL47466

DATE: 04.04.2025

DWG. BY:
JR

CHK. BY:
HFN

SCALE: NTS

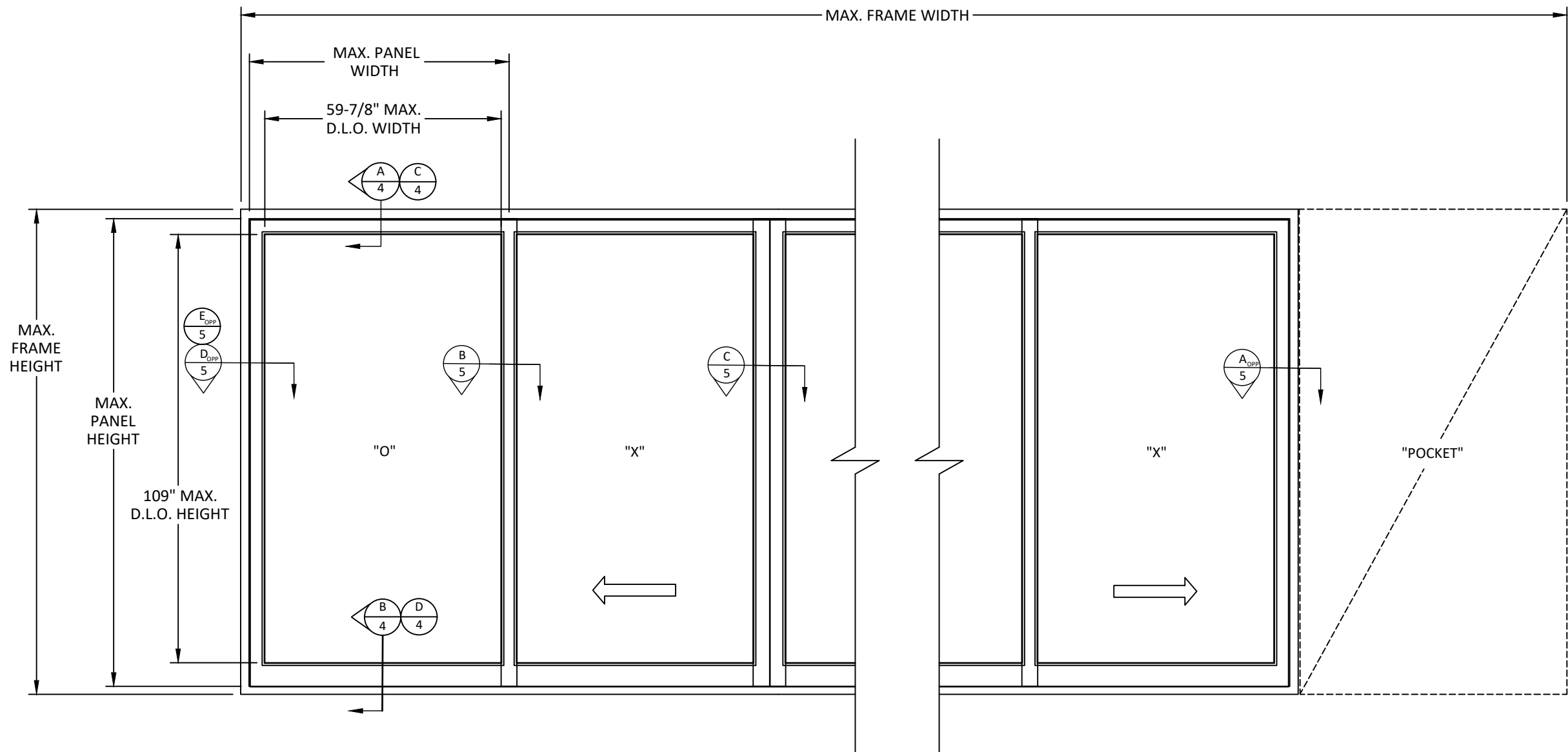
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SHEET:

1

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ELEVATION

NOTE: APPROVED CONFIGURATIONS:

WITHOUT POCKETS:

2 TRACK - OX, XX, XOX, OXO, OXXO, XOOX, XXXX
3 TRACK - OXX, XXX, XOX, XOXXOX, XXOXX, XXOXX,
XXXXXX, OXXXXO
4 TRACK - OXXX, XXXX, XXXOXXX, OXXXXXXO,
XXXOXXX, XXXXXXXX
5 TRACK - OXXXX, XXXXX, XXXOXXXX, OXXXXXXXO,
XXXXOXXX, XXXXXXXXX
6 TRACK - OXXXX, XXXXX, XXXXOXXXX,
XXXXXOXXXX, OXXXXXXXO, XXXXXXXXX

WITH POCKETS:

1 TRACK - PX, PXXP
2 TRACK - PXX, PXXXXP
3 TRACK - PXXX, PXXXXXP
4 TRACK - PXXX, PXXXXXXP
5 TRACK - PXXXX, PXXXXXXXP
6 TRACK - PXXXX, PXXXXXXXXP

GENERAL CONFIGURATION NOTES:

SIEGENIA LIFT AND SLIDE UNITS CAN BE
MADE UP TO 3 PANELS DEEP.

PANEL CONFIGURATIONS OVER 515.8125 FT²
CAN BE USED IN NON-HVHZ AREAS ONLY.

POCKETS CANNOT BE ADDED TO SIEGENIA
SYSTEMS.



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LIFT AND SLIDE DOOR
(HVHZ) (IMPACT)
ELEVATION

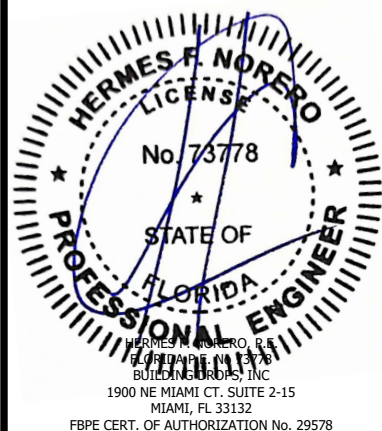
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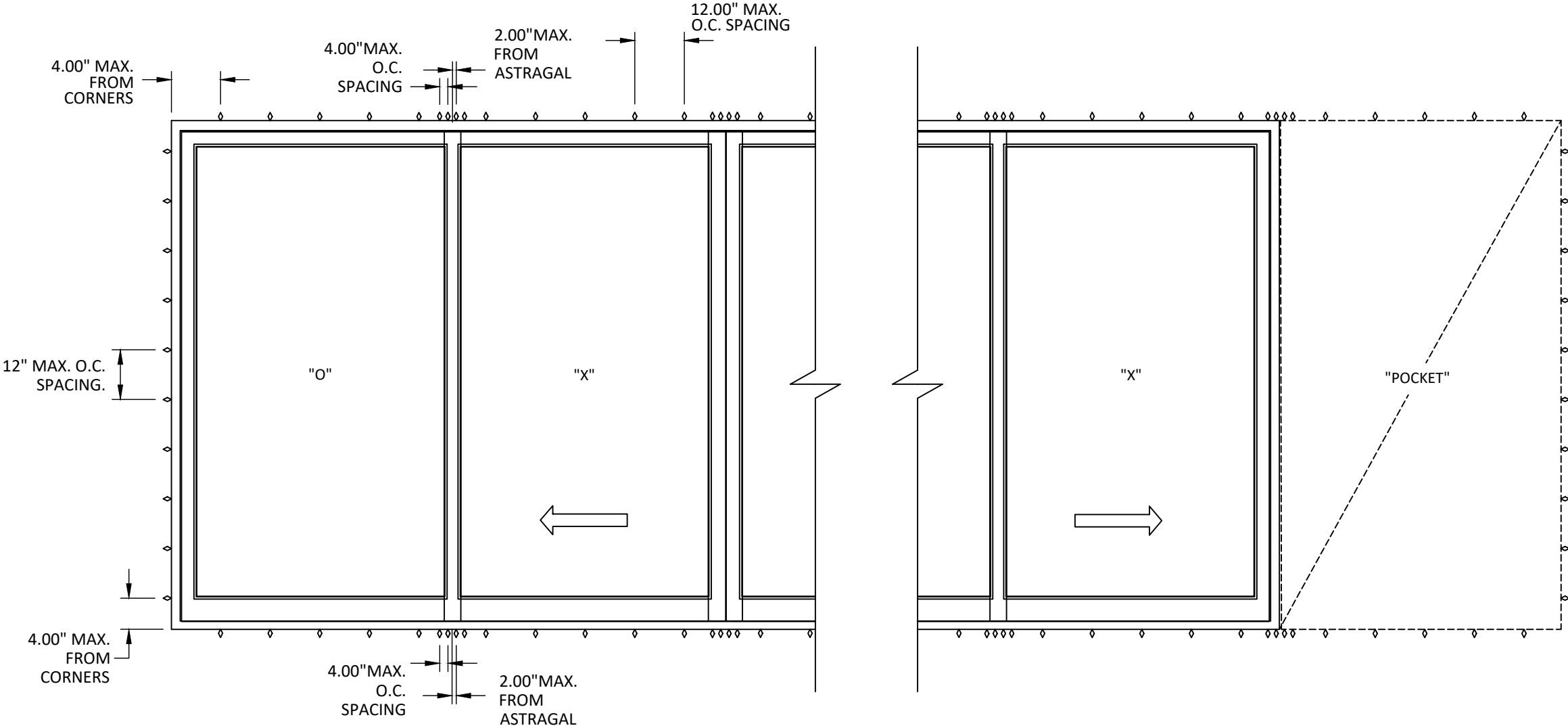
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SHEET:

2

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ANCHOR LAYOUT

NOTE: MULTIPLE ANCHORS PER ANCHOR LOCATION SHOWN, SEE SHEET 6 FOR MORE DETAILS.

NOTE: ANCHORING METHOD VARIES, SEE SHEET 6 FOR POSSIBLE COMBINATIONS. SPACING IS QUALIFIED FOR ALL ANCHOR METHODS SHOWN.



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LIFT AND SLIDE DOOR
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ANCHOR LAYOUT

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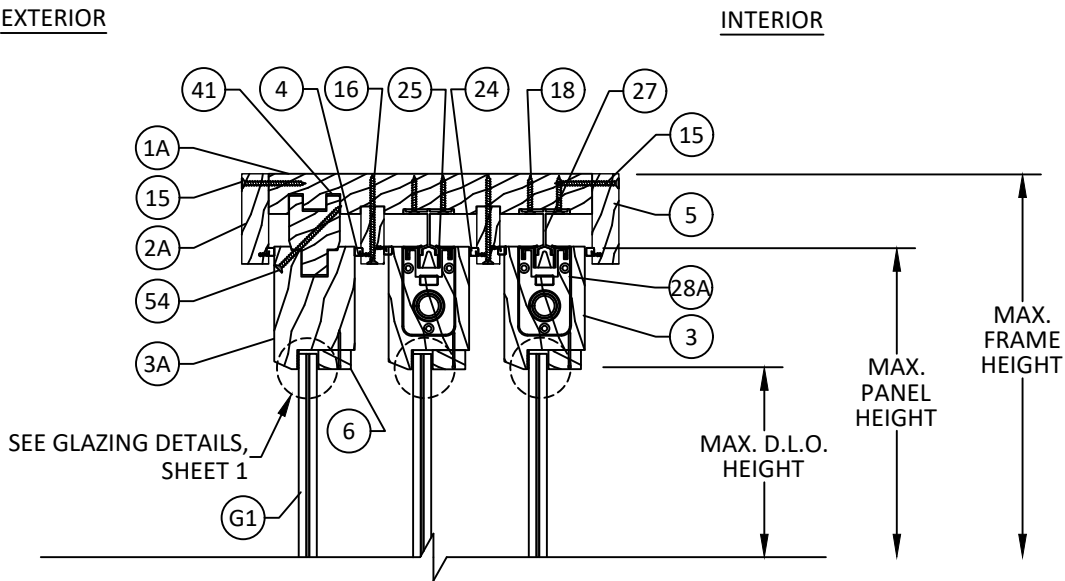
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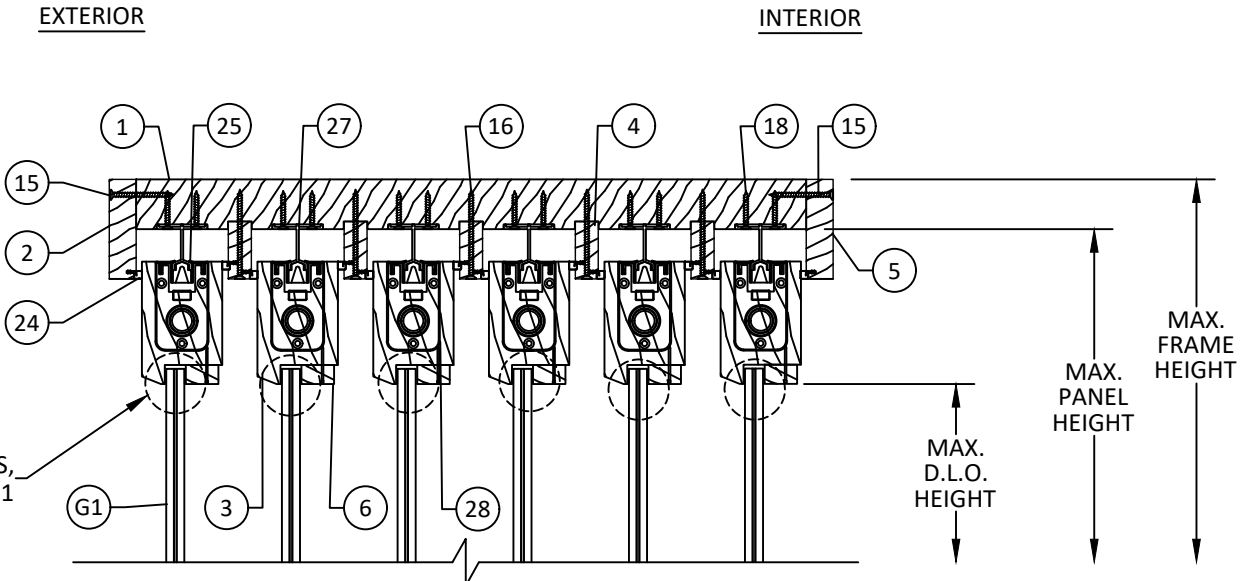
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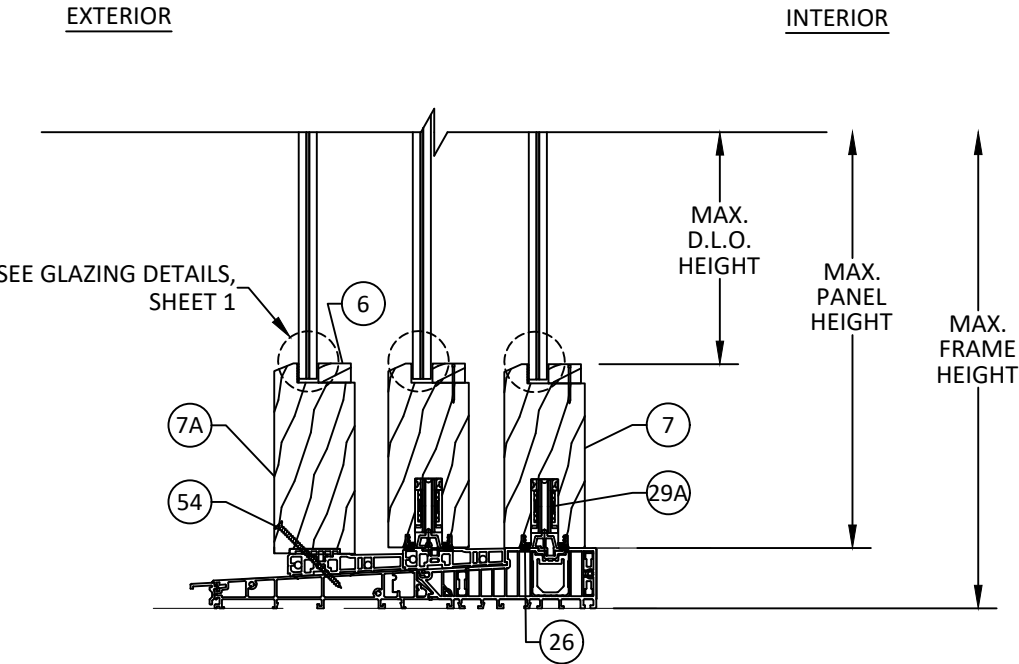
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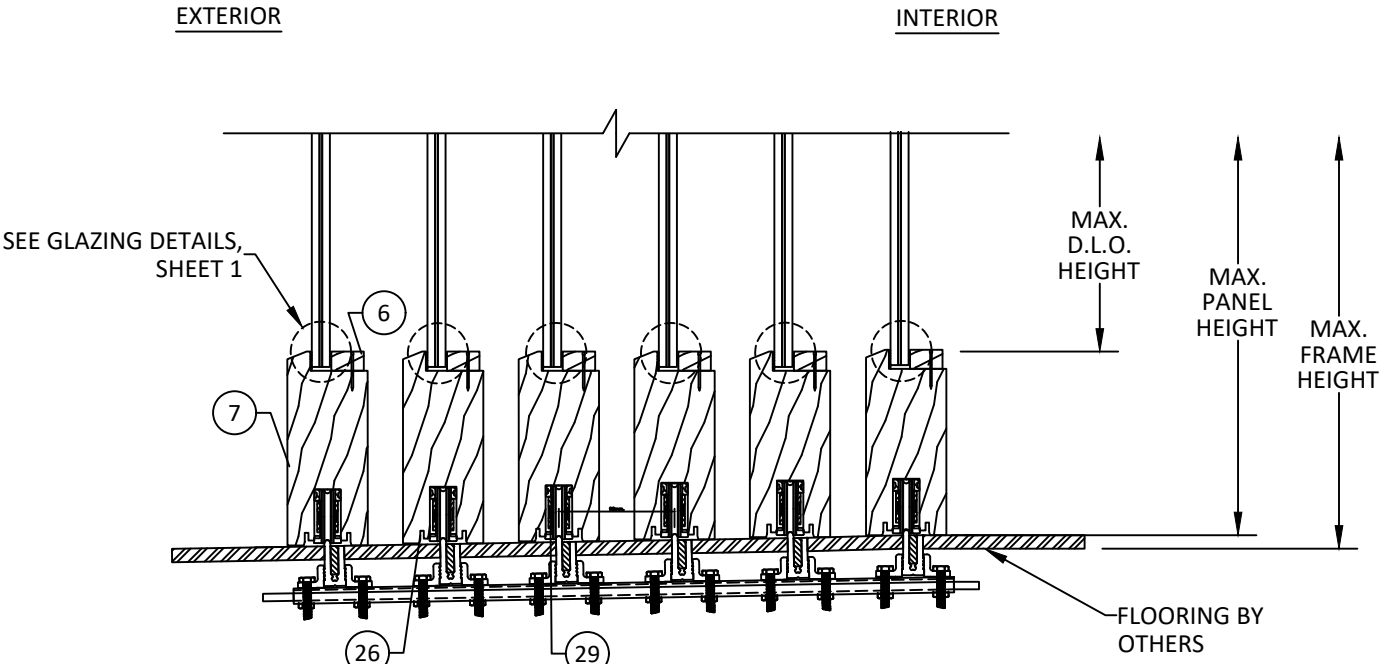
A
4 VERTICAL SECTION
TYP. HEAD DETAIL
SIEGENIA



C
4 VERTICAL SECTION
TYP. HEAD DETAIL
FFI



B
4 VERTICAL SECTION
TYP. THRESHOLD DETAIL
SIEGENIA



D
4 VERTICAL SECTION
TYP. THRESHOLD DETAIL
FFI



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(HVHZ) (IMPACT)

VERTICAL SECTIONS

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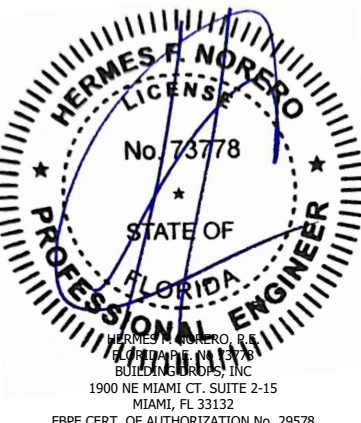
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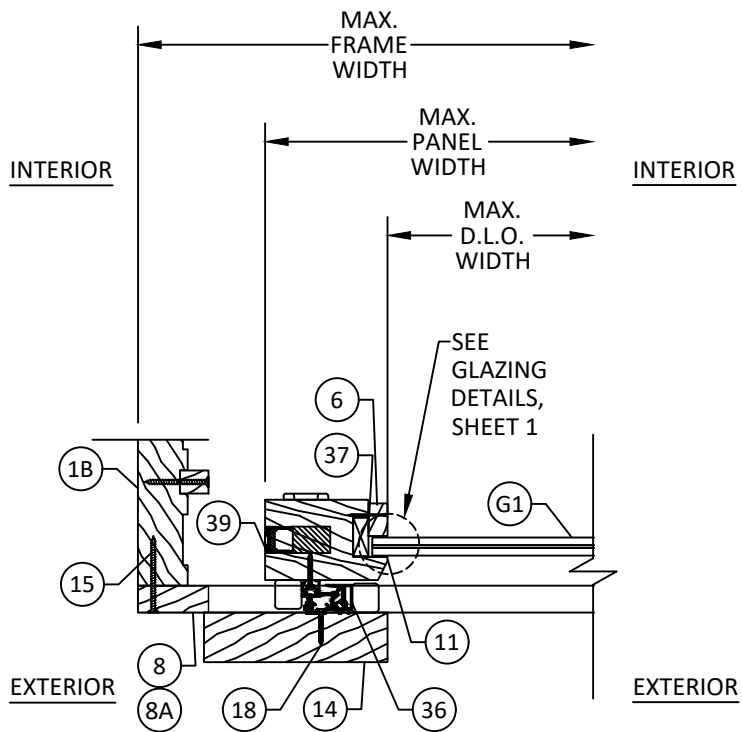
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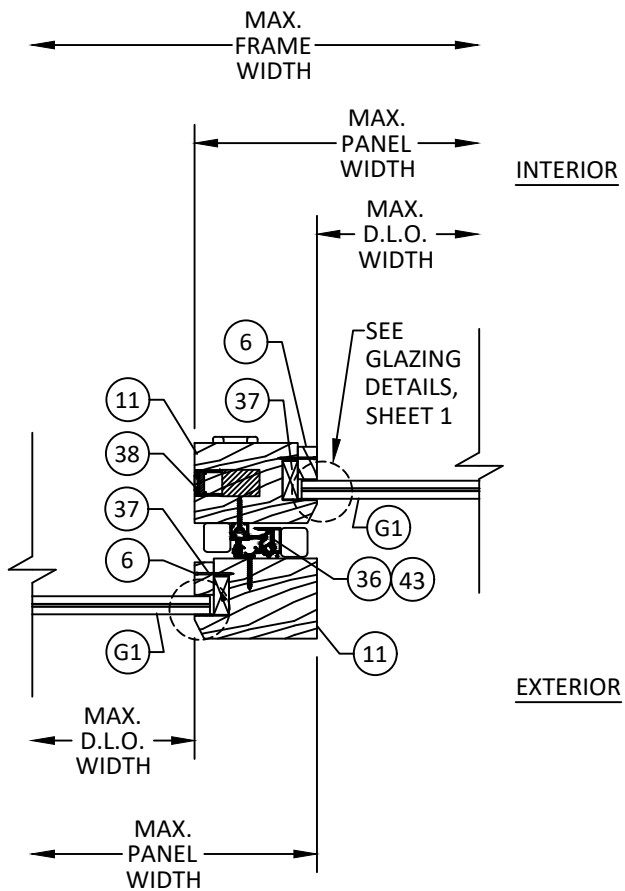
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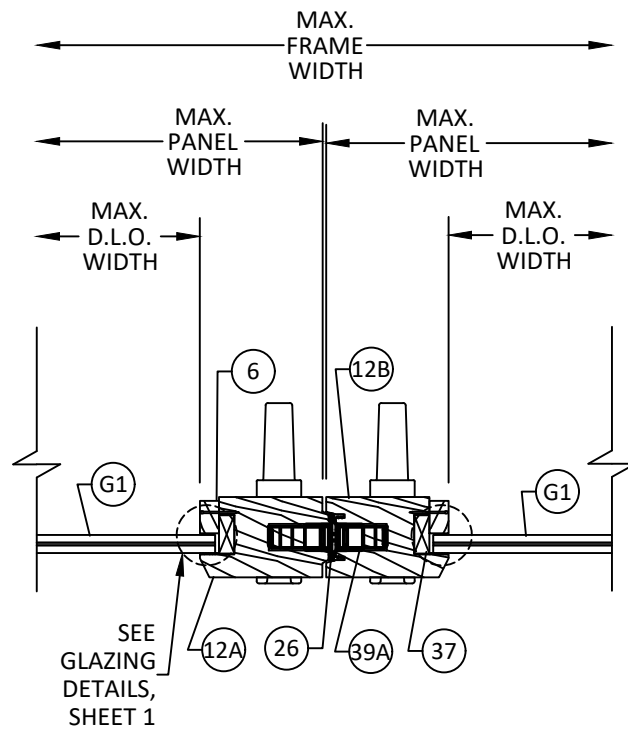
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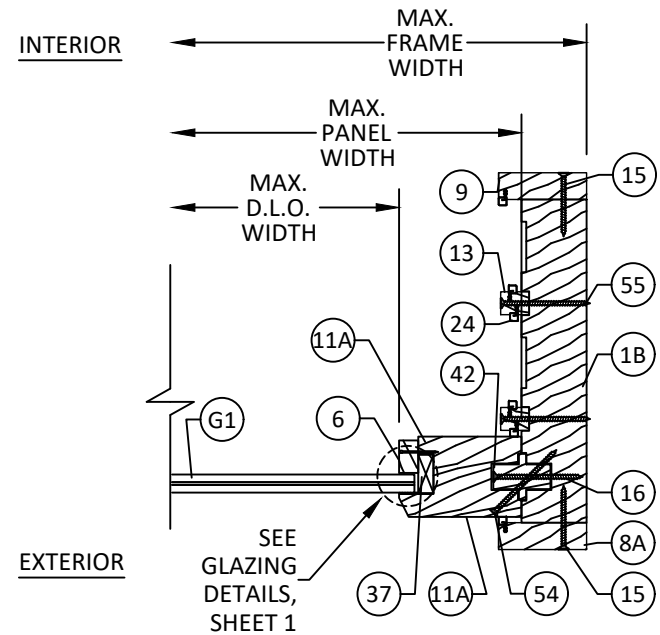
A
5 HORIZONTAL SECTION
TYP. POCKET JAMB DETAIL
FFI



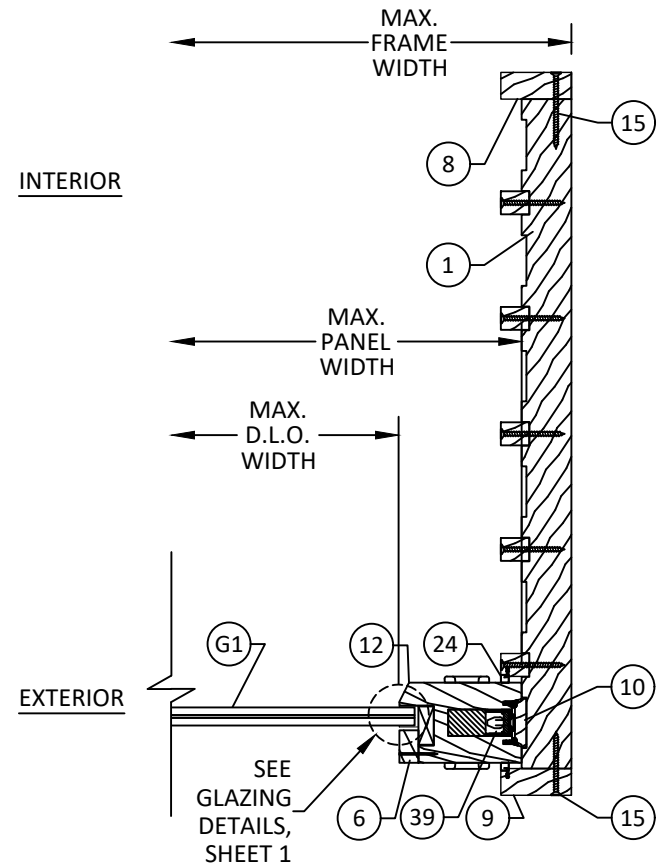
B
5 HORIZONTAL SECTION
TYP. INTERLOCK DETAIL
SIEGENIA



C
5 HORIZONTAL SECTION
TYP. MEETING STILE DETAILS
SIEGENIA



D
5 HORIZONTAL SECTION
TYP. FIXED JAMB DETAIL
SIEGENIA



E
5 HORIZONTAL SECTION
TYP. FIXED JAMB DETAIL
FFI



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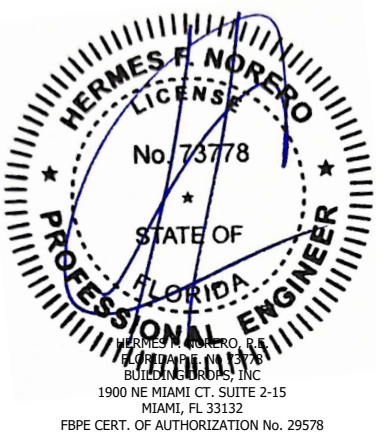
LIFT AND SLIDE DOOR
(HVHZ) (IMPACT)
HORIZONTAL SECTIONS

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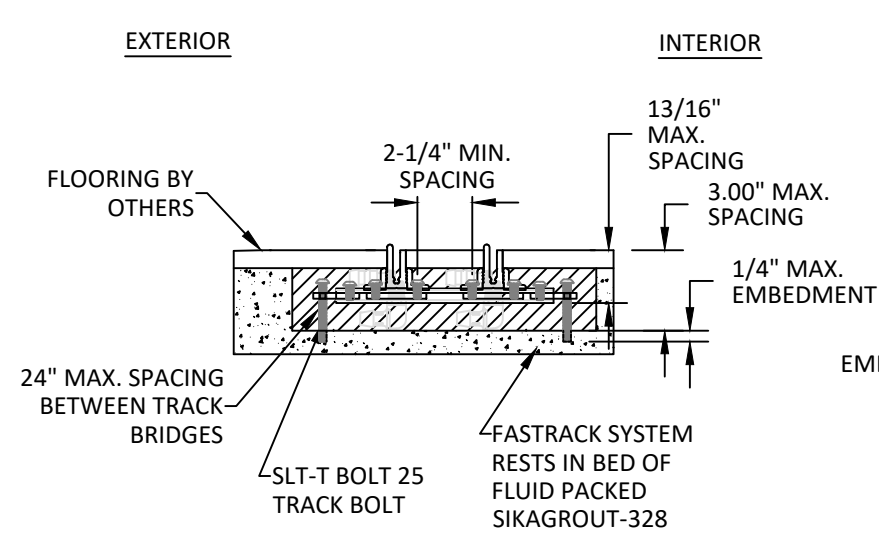
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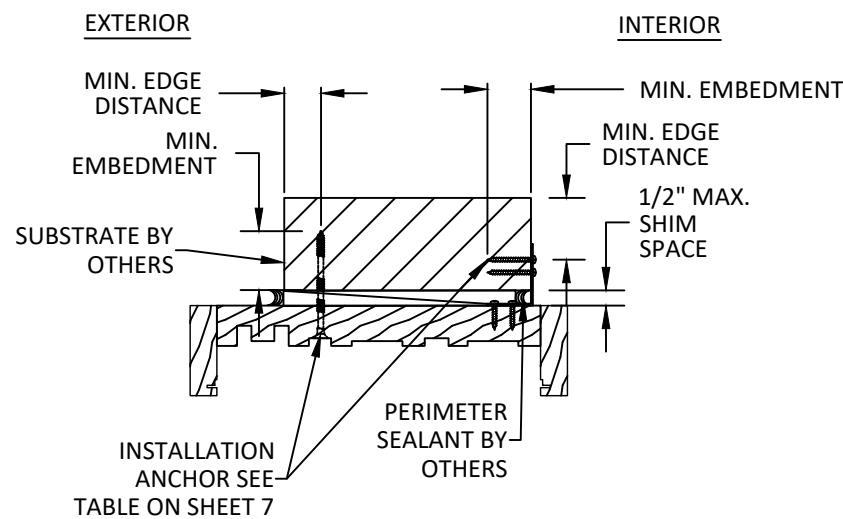


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SHEET:	5

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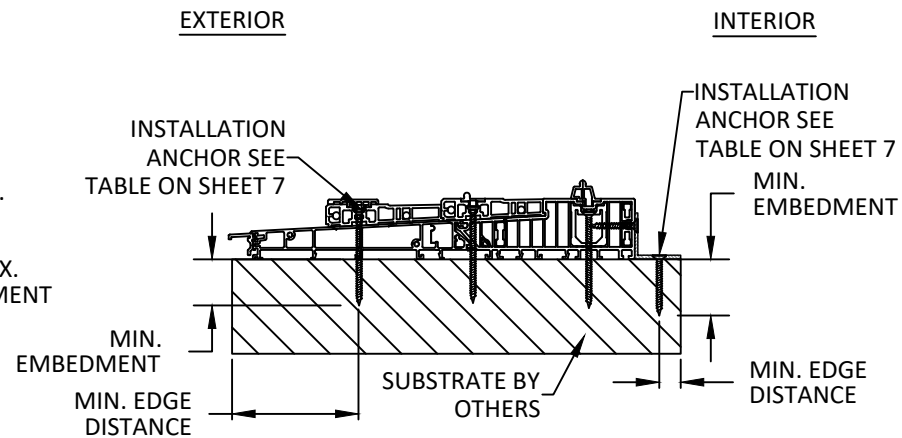


A
6 **ANCHOR DETAIL**
TYP. FFI EMBEDDED THRESHOLD

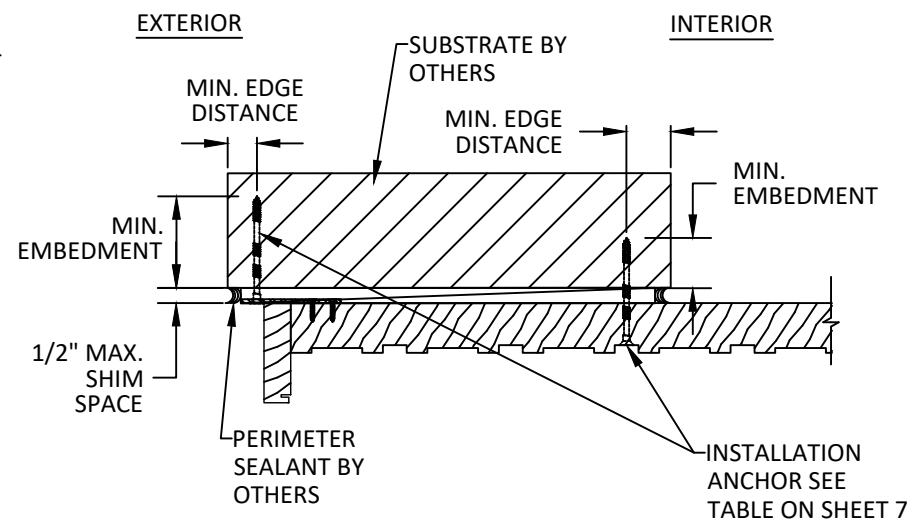


D
6 **ANCHOR DETAIL**
ANGLE AND THROUGH FRAME
INSTALLATION

NOTE: HEAD DETAIL
IS SHOWN, JAMB
DETAIL IS SIMILAR.

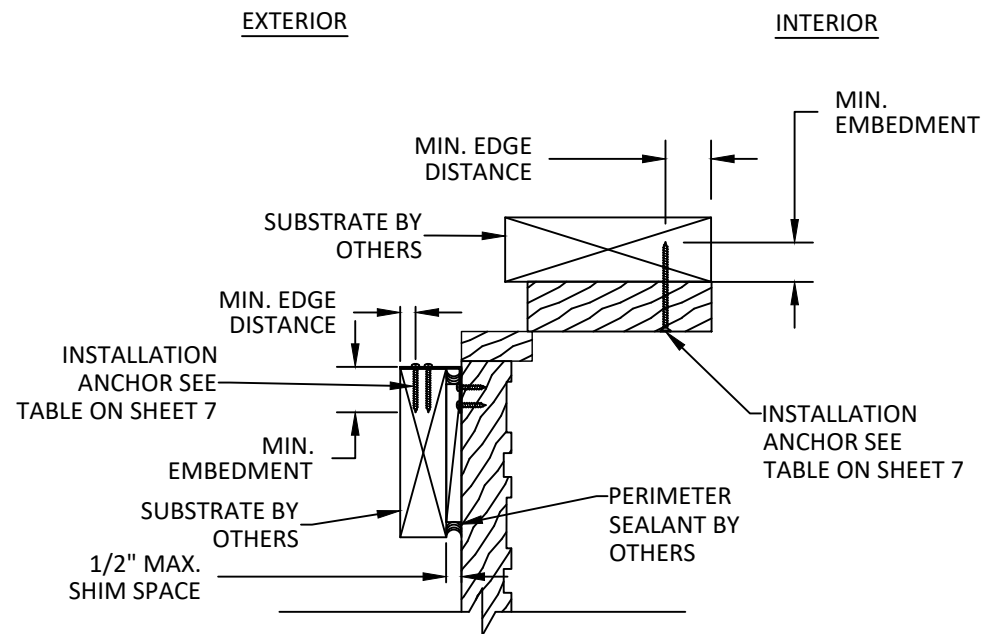


B
6 **ANCHOR DETAIL**
TYP. SIGENIA THRESHOLD



E
6 **ANCHOR DETAIL**
FLAT CLIP AND THROUGH FRAME
INSTALLATION

NOTE: HEAD DETAIL
IS SHOWN, JAMB
DETAIL IS SIMILAR.



C
6 **ANCHOR DETAIL**
TYP. POCKET DETAIL

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LIFT AND SLIDE DOOR
(HVHZ) (IMPACT)

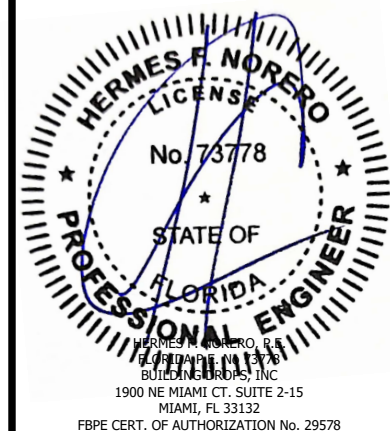
ANCHOR DETAILS

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DATE: **04.04.2025**

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SCALE: **NTS**

DWG. #: **MWA004**

SHEET:

6

OF 10

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INSTALLATION NOTES:

1. TWO (2) INSTALLATION ANCHORS ARE REQUIRED AT EACH ANCHOR LOCATION SHOWN ON SHEET 3, UNLESS OTHERWISE STATED ON SHEET 6.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
3. 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.
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. 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.
6. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
7. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
8. 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.
9. 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 TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME	WOOD: (MIN. S.G. = 0.55)	#12 GRADE 5 WOOD SCREW	1.50"	1.00"
	CONCRETE (MIN. f'c = 3000 PSI)	1/4" DEWALT ULTRACON+	1.375"	2.50"
	CMU (PER ASTM C90) (MIN. f'c = 2000 PSI)		1.25"	2.50"
	CONCRETE (MIN. f'c = 2000 PSI)	1/4" HILTI KWIK CON+	1.00"	2.50"
	CMU (PER ASTM C90) (MIN. f'c = 2000 PSI)		1.00"	2.50"
	STEEL MIN. 16 GA. (MIN. Fy = 33 KSI) ALUM. MIN. 1/8" THK. (MIN. 6063-T5)	#14 ITW TEKS SELF-DRILLING SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.50"
CUSTOM FLAT CLIP	WOOD: (MIN. S.G. = 0.55)	#12 GRADE 5 WOOD SCREW	1.50"	1.00"
	CONCRETE (MIN. f'c = 3000 PSI)	1/4" DEWALT ULTRACON+	1.375"	2.50"
	CMU (PER ASTM C90) (MIN. f'c = 2000 PSI)		1.25"	2.50"
	CONCRETE (MIN. f'c = 2000 PSI)	1/4" HILTI KWIK CON+	1.00"	2.50"
	CMU (PER ASTM C90) (MIN. f'c = 2000 PSI)		1.00"	2.50"
	STEEL MIN. 16 GA. (MIN. Fy = 33 KSI) ALUM. MIN. 1/8" THK. (MIN. 6063-T5)	#14 ITW TEKS SELF-DRILLING SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.50"
L-ANGLE	WOOD: (MIN. S.G. = 0.55)	#12 GRADE 5 WOOD SCREW	1.50"	1.00"
	CONCRETE (MIN. f'c = 3000 PSI)	1/4" DEWALT ULTRACON+	1.375"	2.50"
	CMU (PER ASTM C90) (MIN. f'c = 2000 PSI)		1.25"	2.50"
	CONCRETE (MIN. f'c = 2000 PSI)	1/4" HILTI KWIK CON+	1.00"	2.50"
	CMU (PER ASTM C90) (MIN. f'c = 2000 PSI)		1.00"	2.50"
	STEEL MIN. 16 GA. (MIN. Fy = 33 KSI) ALUM. MIN. 1/8" THK. (MIN. 6063-T5)	#14 ITW TEKS SELF-DRILLING SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.50"

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LIFT AND SLIDE DOOR
(HVHZ) (IMPACT)
INSTALLATION NOTES &
ANCHOR SCHEDULE

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STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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

FL #:
FL47466

DATE: 04.04.2025

DWG. BY: JR
CHK. BY: HFN

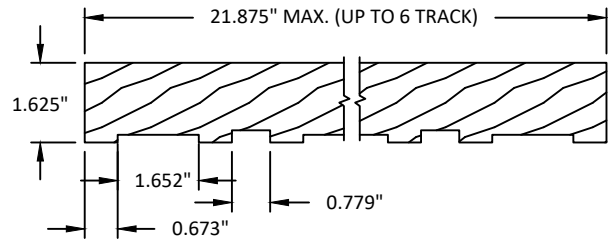
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DWG. #: MWA004

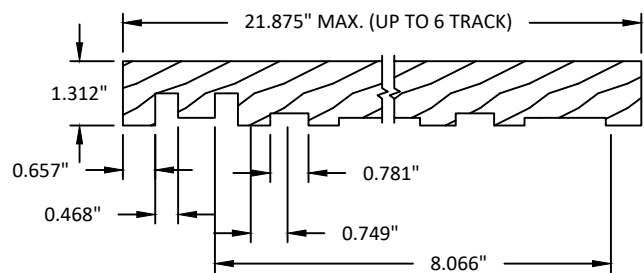
SHEET:
7
OF 10

c:\users\julianarodriguez\building drops, inc\building drops landing - documents\common\projects\millwork artisans\lft & slide door & w23 mullions\dwgs\mwa004.dwg 4/16/2025 11:20 AM

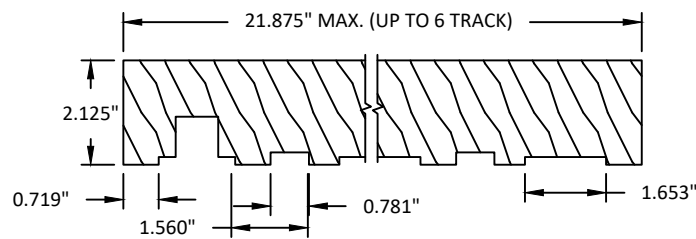
1 JAMB - TYPICAL HEAD AND SIDE
MATERIAL: WOOD



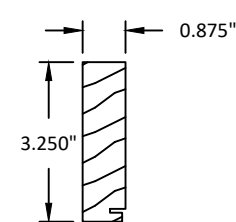
1A JAMB - HEAD
MATERIAL: WOOD



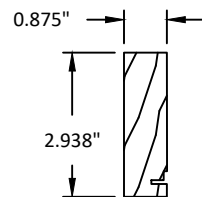
1B JAMB - SIDE
MATERIAL: WOOD



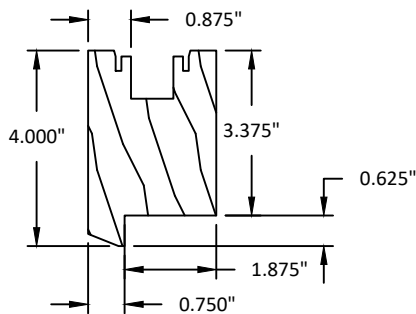
2 HEADER SASH STOP - EXTERIOR
MATERIAL: WOOD



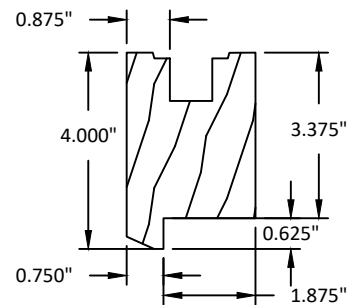
2A HEADER SASH STOP
MATERIAL: WOOD



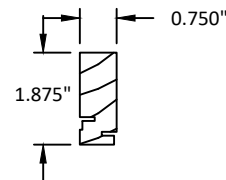
3 TOP RAIL - OPERABLE
MATERIAL: WOOD



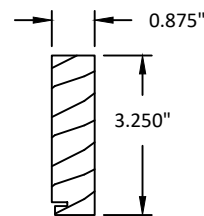
3A TOP RAIL - FIXED
MATERIAL: WOOD



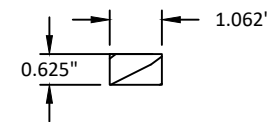
4 PARTING STRIP - HEADER
MATERIAL: WOOD



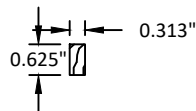
5 HEADER SASH STOP - INTERIOR
MATERIAL: WOOD



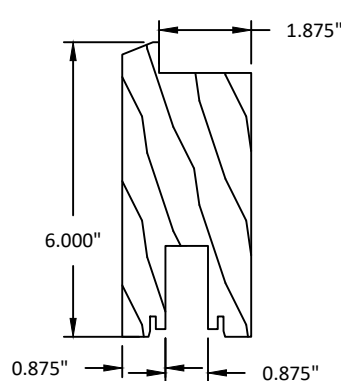
6 GLAZING BEAD - 9/16" LAMI.
MATERIAL: WOOD



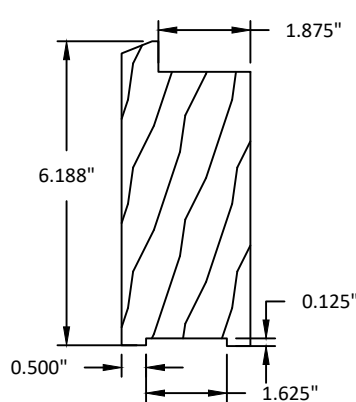
6A GLAZING BEAD - 1-3/8" INSUL.
MATERIAL: WOOD



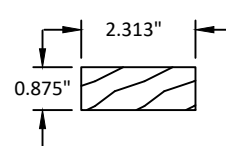
7 BOTTOM RAIL - OPERABLE
MATERIAL: WOOD



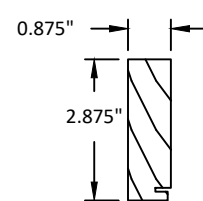
7A BOTTOM RAIL - FIXED
MATERIAL: WOOD



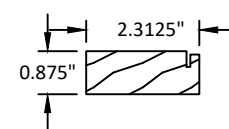
8 SIDE SASH STOP - EXTERIOR
MATERIAL: WOOD



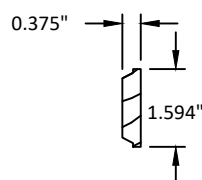
8A SIDE
MATERIAL: WOOD



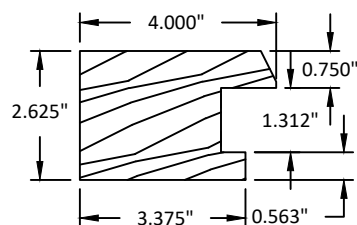
9 SASH STOP - INTERIOR
MATERIAL: WOOD



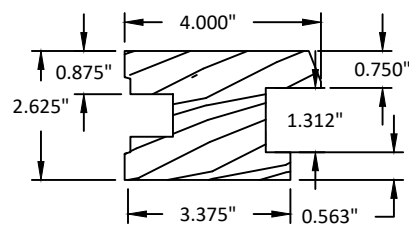
10 SIDE KEY
MATERIAL: WOOD



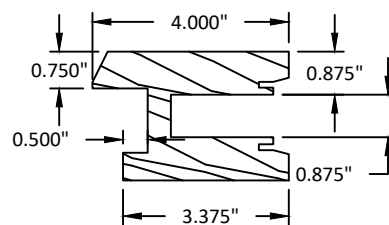
11 STILE - NON-KEYED
MATERIAL: WOOD



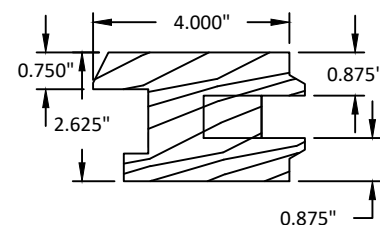
11A STILE - FIXED
MATERIAL: WOOD



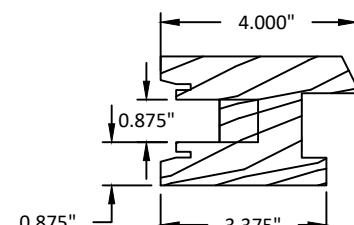
12 STILE - KEYED
MATERIAL: WOOD



12A MEETING STILE - ACTIVE
MATERIAL: WOOD



12B MEETING STILE - INACTIVE
MATERIAL: WOOD



MILLWORK
artisans

4600 GOER DR #201,
NORTH CHARLESTON, SC, 29406
PH: +(843) 577-3348

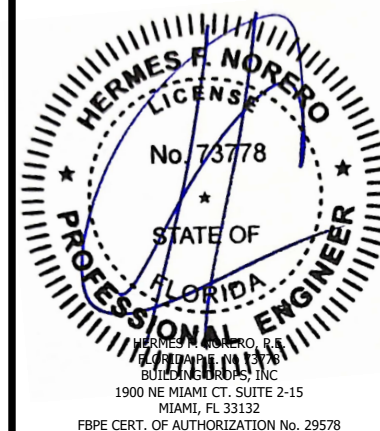
LIFT AND SLIDE DOOR
(HVHZ) (IMPACT)
COMPONENTS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 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
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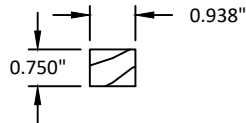


FLPE CERT. OF AUTHORIZATION No. 29578

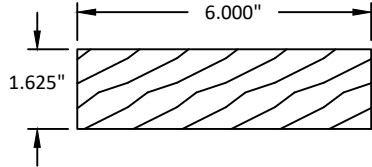
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OF 10	

c:\users\julianarodriguez\building drops, inc\building drops landing - documents\common\projects\millwork artisans\lbc-25-0205 - fbc submittal - lift & slide door & w23 mullions\dwgs\mwa004.dwg 4/16/2025 11:20 AM

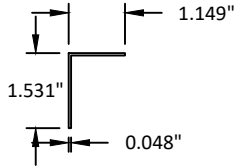
13 PARTING STRIP - SIDE
MATERIAL: WOOD



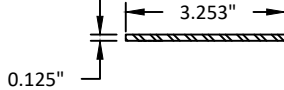
14 POCKET SEALING RAIL SUPPORT
MATERIAL: WOOD



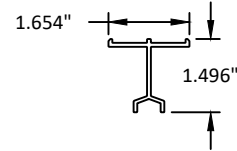
22 SIMPSON STRONG-TIE A23Z ANGLE (18 GA.)
MATERIAL: STEEL



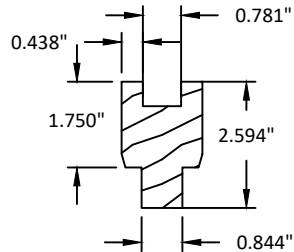
23 CUSTOM FLAT CLIP
1-1/4" X 3-1/4" X 1/8" THICK
MATERIAL: STEEL



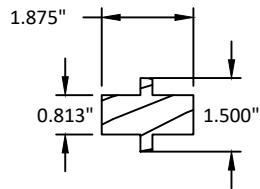
27 UNIVERSAL TOP TRACK
MATERIAL: BRONZE



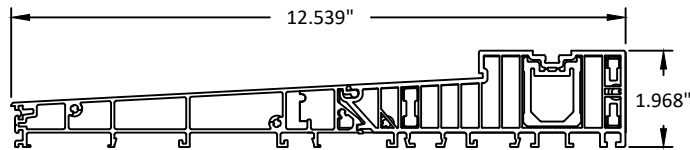
41 FIXING STRIP - HEAD
MATERIAL: WOOD



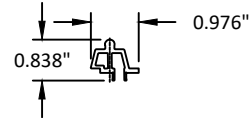
42 FIXING STRIP - SIDES
MATERIAL: WOOD



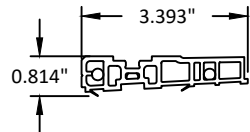
44 ECO PASS THRESHOLD
MATERIAL: ALUMINUM



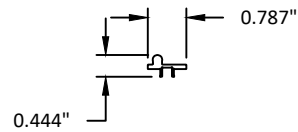
45 RAISED OFFSET RUNNING RAIL
MATERIAL: ALUMINUM



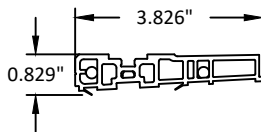
46 SUPPORT RAIL - B171
MATERIAL: ALUMINUM



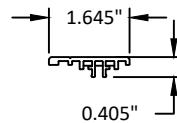
47 OFFSET RUNNING RAIL
MATERIAL: ALUMINUM



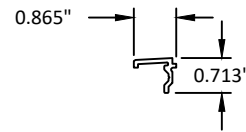
48 SUPPORT RAIL - B182
MATERIAL: ALUMINUM



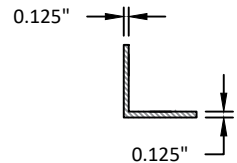
49 OFFSET ADAPTOR FIXING RAIL
MATERIAL: ALUMINUM



50 WEATHERBOARD
MATERIAL: ALUMINUM



51 ALUMINUM ANGLE CLIP
MATERIAL: ALUMINUM



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LIFT AND SLIDE DOOR
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DWG. BY:	CHK. BY:
JR	HFN
SCALE:	NTS
DWG. #:	MWA004
SHEET:	9
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c:\users\julianarodriguez\building_drops, inc\building_drops landing - documents\common\projects\millwork artisans\lbc-25-0205 - fbc submittal - lift & slide door & w23 mullions.dwgsmwa004.dwg 4/16/2025 11:20 AM

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X BUCK (SG>=0.55)	WOOD
C	1/2" MAX. SHIM SPACE	-
G1	9/16" LAMINATED GLASS: 1/4" CLEAR HS x .09 INTERLAYER x 1/4" CLEAR HS	GLASS
G2	1-3/8" INSULATED GLASS: 1/4" CLEAR HS x .09 INTERLAYER x 1/4" CLEAR HS x 1/2" AIR SPACE x 1/4" CLEAR TEMPERED EXTERIOR	GLASS
1A	JAMB - HEAD	WOOD
1B	JAMB - SIDE	WOOD
2	HEADER SASH TOP - EXTERIOR	WOOD
2A	HEADER SASH TOP - TYPICAL FOR INTERIOR AND EXTERIOR	WOOD
3	TOP RAIL (OPERABLE)	WOOD
3A	TOP RAIL (FIXED)	WOOD
4	PARTING STRIP - HEADER	WOOD
6	GLAZING BEAD - 9/16" LAMINATED GLASS	WOOD
6A	GLAZING BEAD - 1-3/8" INSULATED GLASS	WOOD
7	BOTTOM RAIL (OPERABLE)	WOOD
7A	BOTTOM RAIL (FIXED)	WOOD
8	SIDE SASH TOP - EXTERIOR	WOOD
8A	SIDE SASH TOP - TYPICAL FOR INTERIOR AND EXTERIOR	WOOD
9	SIDE SASH TOP - INTERIOR	WOOD
10	SIDE KEY	WOOD
11	STILE - NON KEYED	WOOD
11A	STILE - FIXED	WOOD
12	STILE - KEYED	WOOD
12A	MEETING STILE - ACTIVE	WOOD
12B	MEETING STILE - INACTIVE	WOOD
13	PARTING STRIP - SIDE	WOOD
14	POCKET SEALING RAIL SUPPORT	WOOD
15	#8 X 2-1/2" PFH WOOD SCREW	STEEL
16	#8 X 3" PFH WOOD SCREW	STEEL
17	#12 X 3" PFH WOOD SCREW	STEEL
18	#8 X 1" PFH WOOD SCREW	STEEL
19	#12 X 2" PFH WOOD SCREW	STEEL
20	#8 X 1" PPH WOOD SCREW	STEEL
21	#8 X 2" PPH WOOD SCEW	STEEL
22	SIMPSON STRONG-TIE A23Z ANGLE (18 GA.)	STEEL
23	CUSTOM FLAT CLIP 1-1/4" X 3-1/4" X 1/8" THICK	STEEL
24	WEATHERSTRIP - QEZD260 OR SIMILAR	FOAM

25	WEATHERSTRIP - HH0134-01 OR SIMILAR	PVC
26	WELDED CORNER GASKET - HH0134-02 OR SIMILAR	RUBBER
27	FFI UNIVERSAL TOP TRACK	BRONZE
27A	SIEGENIA UNIVERSAL TOP TRACK	BRONZE
28	TOP REAR TRACK CAP WITH TONGUE	PLASTIC / RUBBER
28A	SIEGENIA TOP REAR TRACK CAP WITH TONGUE	PLASTIC / RUBBER
29	AGB CARRIAGE	STEEL
29A	SIEGENIA CARRIAGE	STEEL
30	FFI TRACK BLADE	ALUMINUM
31	SLT-CSCREW50 CAP SCREW	ALUMINUM
32	FFI BRIDGE CLIP	ALUMINUM
33	SLT-BOLT 25 TRACK BOLT	POLISHED
34	FFI BRIDGE CLIP	ALUMINUM
35	SLT-TBOLT 25 TRACK BOLT	ALUMINUM
36	FFI UNI-V INTERLOCK	ALUMINUM
37	STEEL SASH SUPPORT - 1/2" X 1-1/4"	STEEL
38	MULTIPOINT - INACTIVE	STEEL
38A	SIEGENIA MULTIPOINT - INACTIVE	STEEL
39A	SIEGENIA MULTIPOINT - ACTIVE	STEEL
39	MULTIPOINT - ACTIVE	STEEL
39A	SIEGENIA MULTIPOINT - ACTIVE	STEEL
40	DRAINAGE CHANNEL INFILL - 3" LENGTHS AT EACH ANTI-DERAILER	ALUMINUM
41	FIXING STRIP - HEAD	WOOD
42	FIXING STRIP - SIDES	WOOD
43	SIEGENIA SEALING RAIL	WOOD/ALUMINUM
44	ECO PASS THRESHOLD	ALUMINUM
45	RAISED OFFSET RUNNING RAIL	ALUMINUM
46	SUPPORT RAIL - B171	ALUMINUM
47	OFFSET RUNNING RAIL	ALUMINUM
48	SUPPORT RAIL - B182	ALUMINUM
49	OFFSET ADAPTOR FIXING RAIL	ALUMINUM
50	WEATHERBOARD	ALUMINUM
51	ALUMINUM ANGLE CLIP	ALUMINUM
52	#10 X 1-1/2" TEK SCREW	STEEL
53	#10 X 1-1/2" PFH WOOD SCREW	STEEL
54	#14 X 4" PFH WOOD SCREW	STEEL
55	#8 X 2" PFH WOOD SCREW	STEEL
56	INSTALLATION SCREW, SEE TABLE ON SHEET 7	-
57	DYMONIC 100 SEALANT	POLYURETHANE



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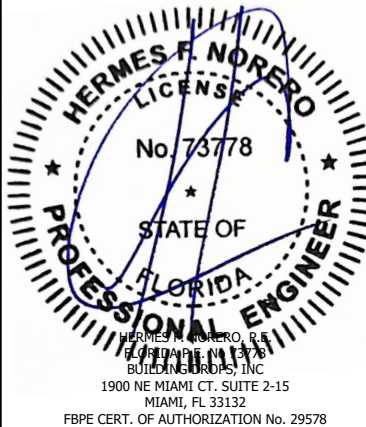
TITLE:
LIFT AND SLIDE DOOR
(HVHZ) (IMPACT)
BILL OF MATERIALS

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