

LINEA ROSSA DESIGN LLC

GLR-U65&U67 STOREFRONT SYSTEM

(HVHZ)(IMPACT)

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.

FOR INSTALLATION INTO WOOD FRAMING USE 3/8" WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1-1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
6.

FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE 3/8" DEWALT SCREWBOLT+ OF SUFFICIENT LENGTH TO ACHIEVE 1-1/2 INCH MINIMUM EMBEDMENT.
7.

FOR INSTALLATION THROUGH METAL STUD USE 3/8" SELF-DRILLING SCREWS, GR. 5 OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND METAL FRAME SUBSTRATE.
8.

MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
9.

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).
10.

FOR 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.
11.

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.
12.

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.

MASONRY - UNIT STRENGTH CONFORMS TO ASTM C-90 WITH GROUT-FILLED MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.

D.

STEEL - MINIMUM YIELD STRENGTH OF 36 KSI. MINIMUM 16 GA. WALL THICKNESS.

E.

ALUMINUM - MINIMUM 1/8" WALL THICKNESS, ALUMINUM 6063-T5.

GENERAL NOTES:

1.

THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), **INCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:

•

TAS 201-94

•

TAS 202-94

•

TAS 203-94

•

AAMA 501-24
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 6005-T5
7.

DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM UNIT FRAMING SHALL BE PROTECTED IN ACCORDANCE WITH THE CURRENT FBC.
8.

GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 4 FOR GLAZING DETAILS.

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8	ANCHOR CAPACITY TABLES
9	VERTICAL SECTIONS
10	HORIZONTAL SECTIONS
11	ANCHOR DETAILS & ANCHOR SCHEDULE

INSTRUCTIONS FOR USE:

1.

DETERMINE DESIGN WIND LOAD REQUIREMENTS BASED ON WIND VELOCITY, BUILDING HEIGHT, RISK CATEGORY, & WIND ZONE USING APPLICABLE ASCE 7 STANDARD.
2.

SEE CHARTS ON SHEET 5 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE.
3.

CHECK MULLION CAPACITY FOR A GIVEN SPACING AND HEIGHT USING CHARTS ON SHEETS 6-7.
4.

USE CHART ON SHEET 8 TO SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
5.

THE LOWEST VALUE RESULTING FROM STEPS 2, 3, AND 4 SHALL APPLY TO ENTIRE SYSTEM.

DESIGNED by
LINEA ROSSA®

1850 NW. 84TH AVE., STE. 114
DORAL, FL 33126
PH: (305)815-8797

TITLE:
GLR-U65&U67
STOREFRONT SYSTEM
(HVHZ)(IMPACT)
INSTALLATION & GENERAL NOTES

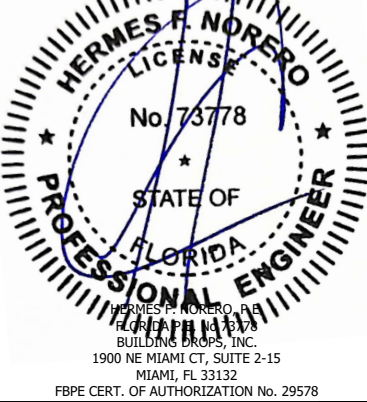
PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
2026 FBC UPDATE	LS	06/26

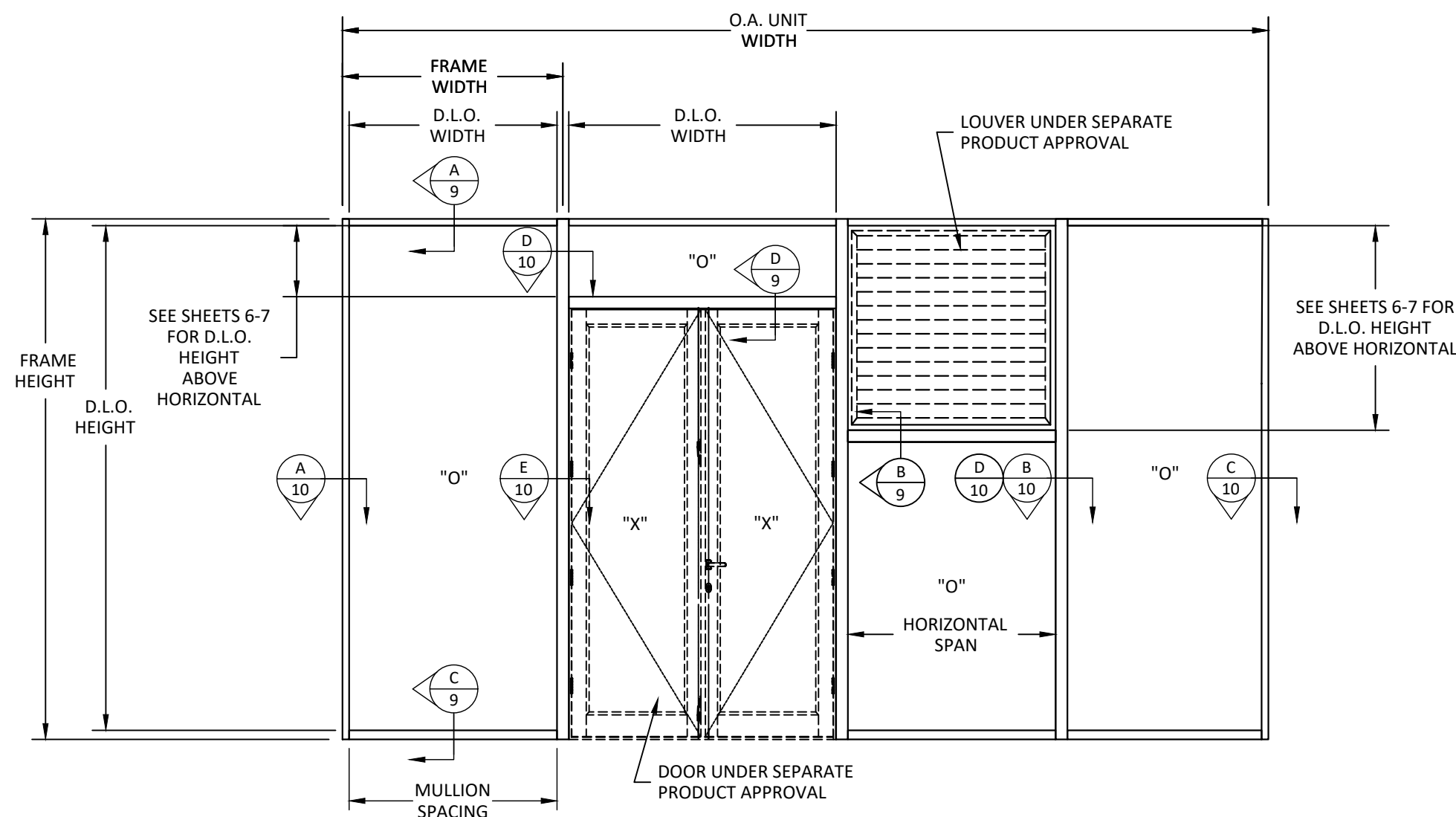
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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.09.21 17:00:00 -07'00'



FL #:		FL47721	
DATE:		08.05.25	
DWG. BY:	JR	CHK. BY:	HFN
SCALE:		NTS	
DWG. #:		LRA025	
SHEET:		REV.	
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OF 11			

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ELEVATION

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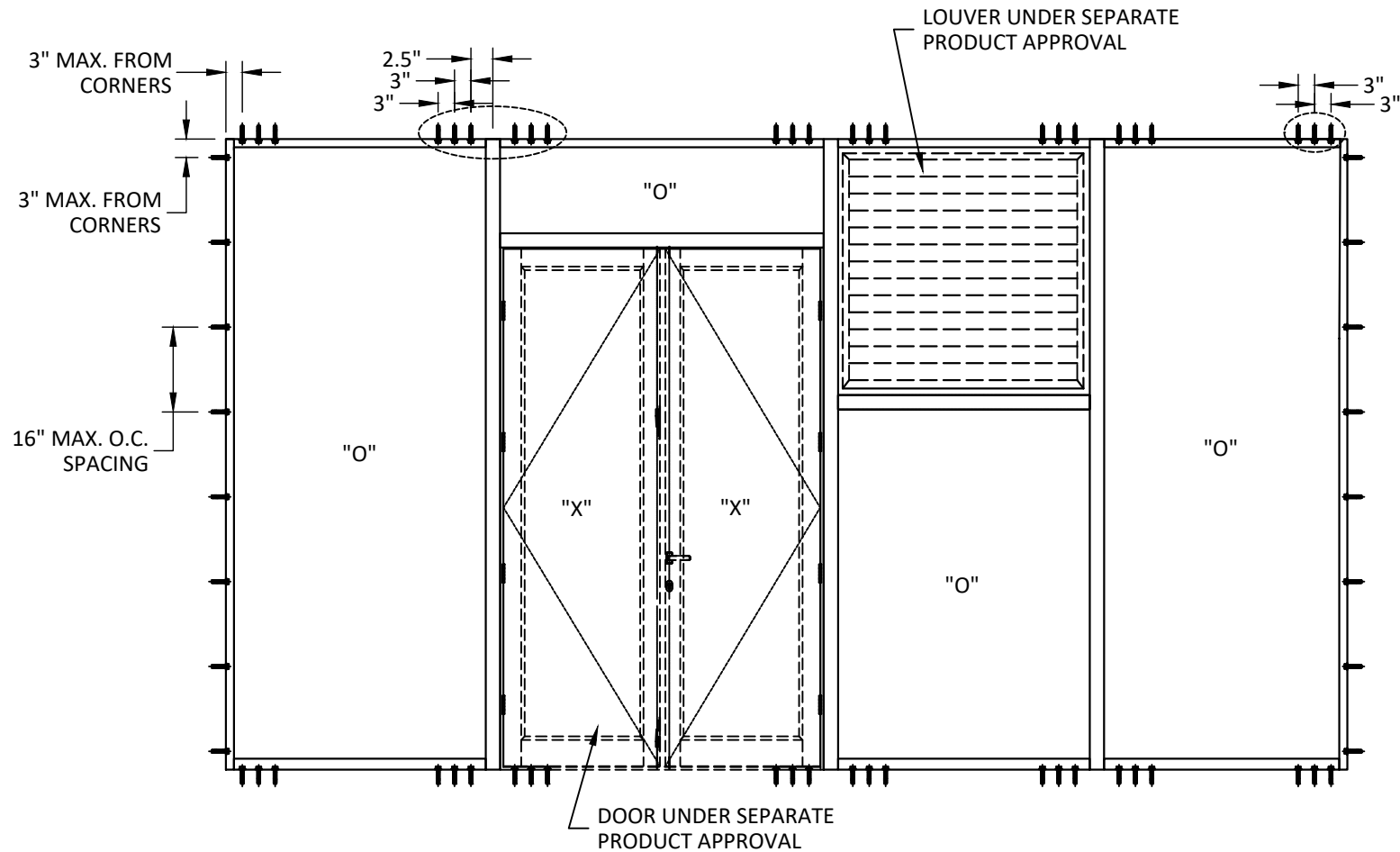
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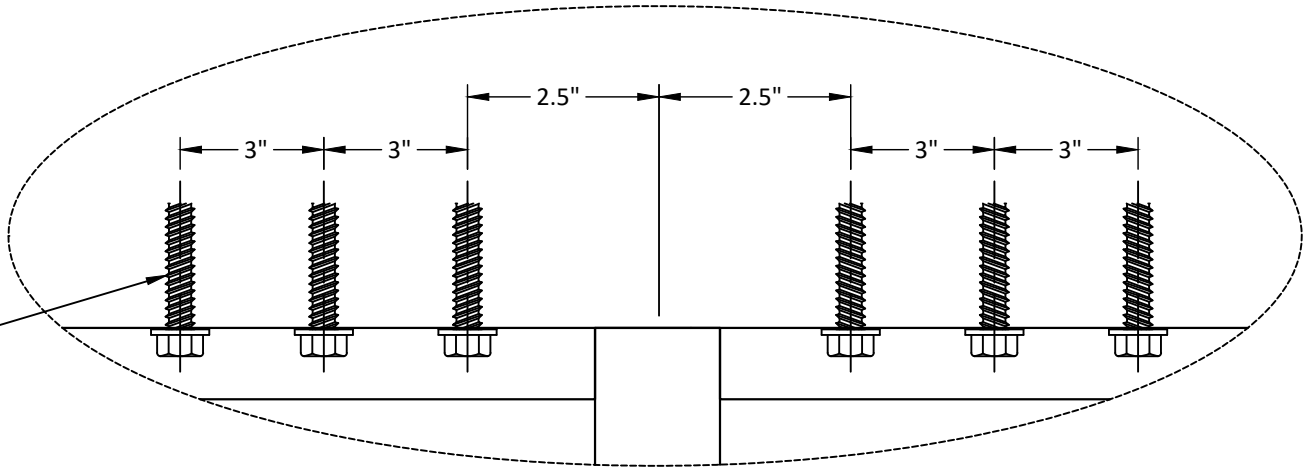
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SHEET:	2	REV. A

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ANCHOR LAYOUT

SEE SHEET 8 FOR ANCHOR TYPES, QUANTITIES, AND DESCRIPTION



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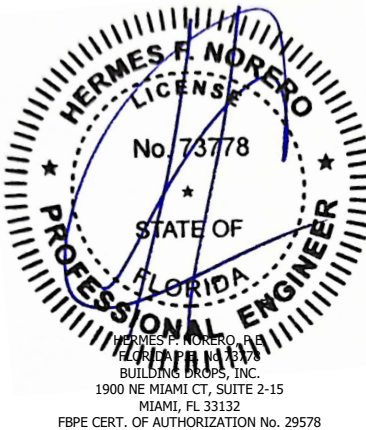
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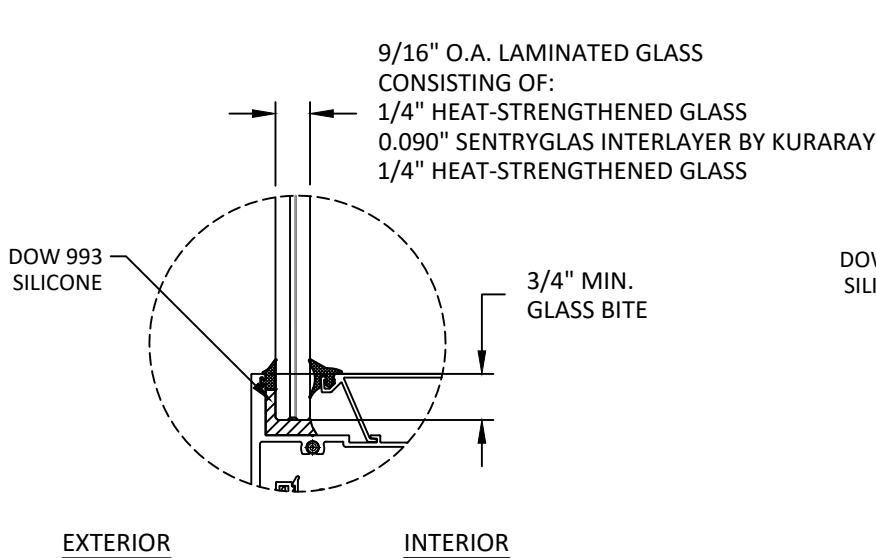
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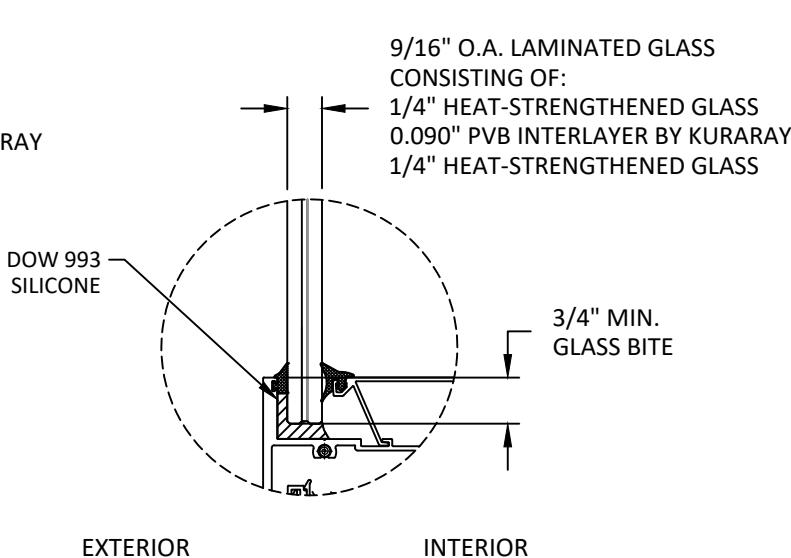


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SHEET:	3	REV. A

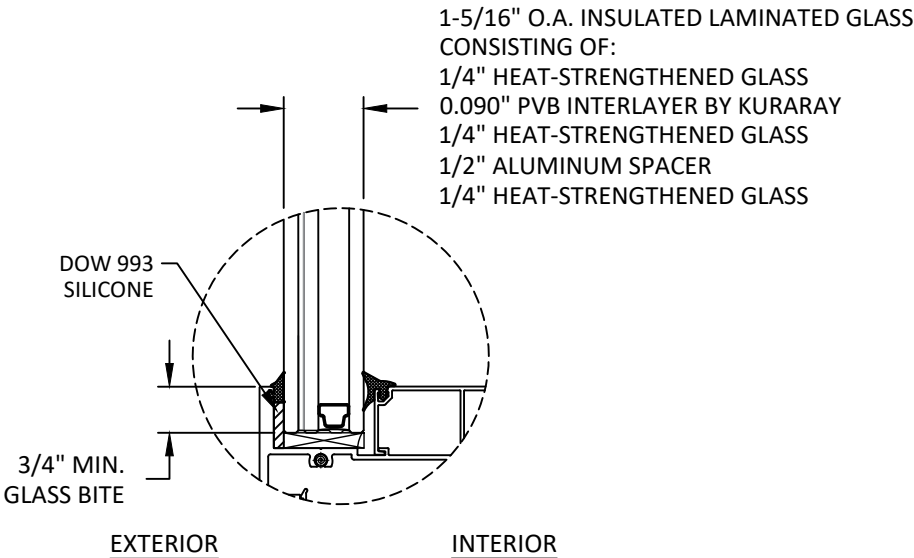
GLAZING DETAILS



GLAZING DETAIL 1



GLAZING DETAIL 2



GLAZING DETAIL 3

- 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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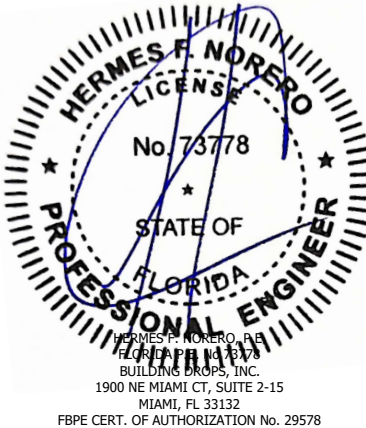
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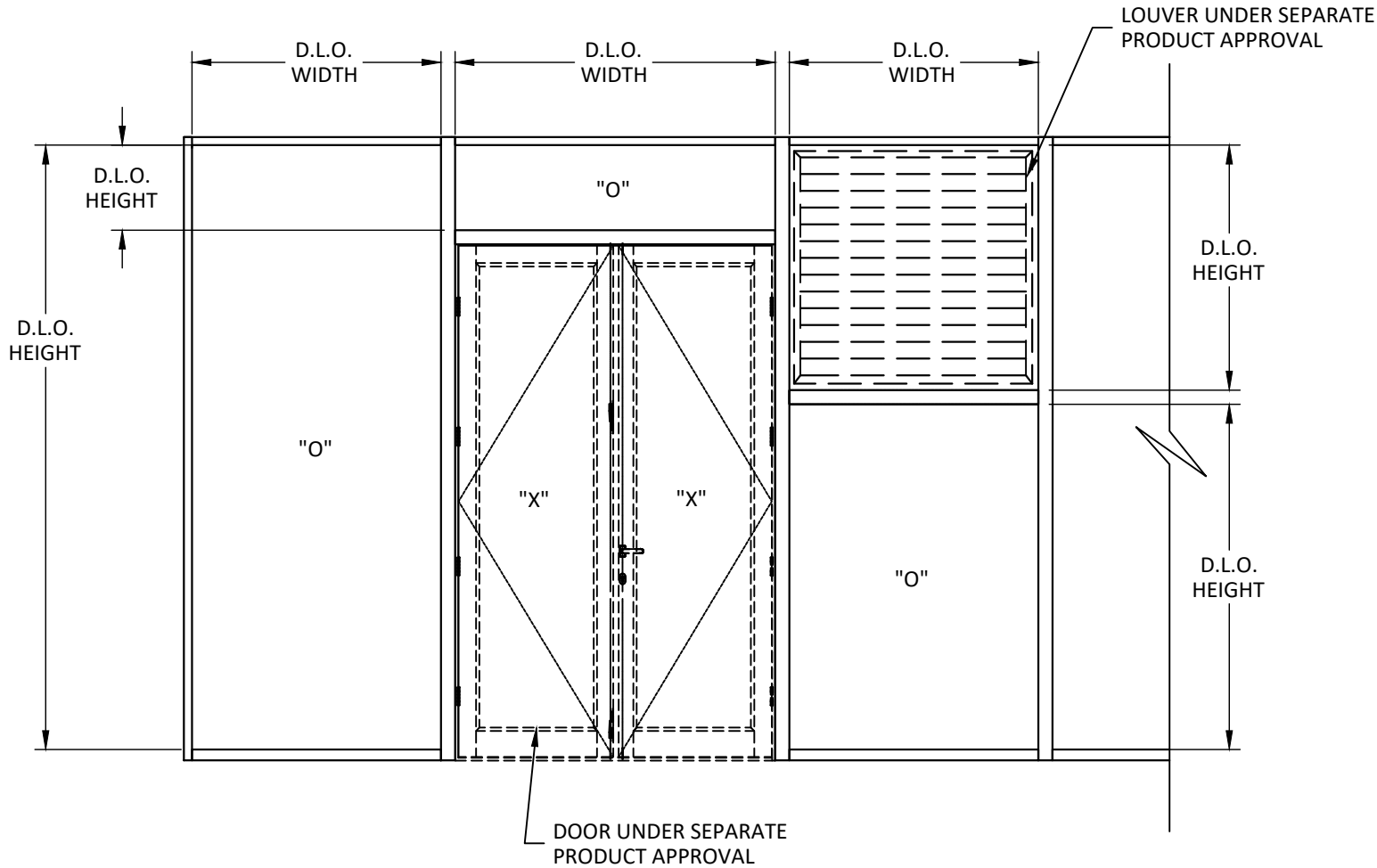
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SHEET:	4	REV. A
OF 11		

GLASS CAPACITY TABLES



GLASS LOAD CAPACITY (PSF)			
DAYLIGHT OPENING (IN)		GLAZING DETAIL 1, 2, & 3	
DLO WIDTH	DLO HEIGHT	EXT. (+)	INT. (-)
30	78	80.00	80.00
36		80.00	80.00
42		80.00	80.00
47		80.00	80.00
54		69.63	69.63
30	84	80.00	80.00
36		80.00	80.00
42		80.00	80.00
47		80.00	80.00
30	90	80.00	80.00
36		80.00	80.00
42		80.00	80.00
47		80.00	80.00
30	94	80.00	80.00
36		80.00	80.00
42		80.00	80.00
47		80.00	80.00
30	108	80.00	80.00
36		80.00	80.00
30	114	80.00	80.00
36		80.00	80.00
30	120	80.00	80.00
36		80.00	80.00

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STOREFRONT SYSTEM
(HVHZ)/(IMPACT)
GLASS CAPACITY TABLE

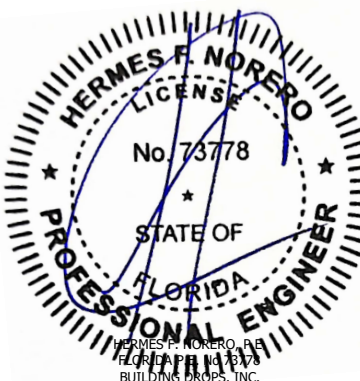
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BUILDING DROPS

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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 #:
FL47721

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08.05.25

DWG. BY:
JR

CHK. BY:
HFN

SCALE:
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LRA025

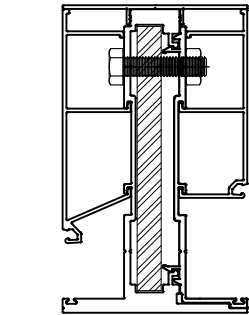
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REV.
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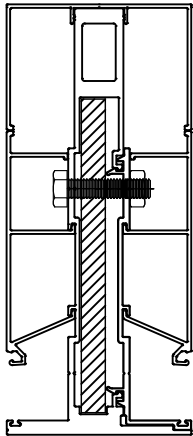
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VERTICAL MULLION
DESIGN PRESSURE TABLE

DESIGN PRESSURE CHART (PSF)				DESIGN PRESSURE CHART (PSF)			
TRIBUTARY WIDTH (TW) (IN.)	MULLION SPAN (L) (IN.)	M1 (+)/(-)	M2 (+)/(-)	TRIBUTARY WIDTH (TW) (IN.)	MULLION SPAN (L) (IN.)	M1 (+)/(-)	M2 (+)/(-)
30	78	80.00	65.00	30	102	-	65.00
36		80.00	65.00	36		-	65.00
42		80.00	65.00	42		-	65.00
48		80.00	65.00	48		-	65.00
50		80.00	65.00	50		-	65.00
54		80.00	65.00	54		-	65.00
60	84	80.00	65.00	60	108	-	65.00
30		80.00	65.00	30		-	65.00
36		80.00	65.00	36		-	65.00
42		80.00	65.00	42		-	65.00
48		80.00	65.00	48		-	65.00
50		80.00	65.00	50		-	65.00
54	90	80.00	65.00	54	114	-	65.00
30		80.00	65.00	30		-	65.00
36		80.00	65.00	36		-	65.00
42		80.00	65.00	42		-	65.00
48		80.00	65.00	48		-	65.00
50		80.00	65.00	50		-	65.00
54	96	80.00	65.00	54	120	-	65.00
30		80.00	65.00	30		-	65.00
36		80.00	65.00	36		-	65.00
42		80.00	65.00	42		-	65.00
48		80.00	65.00	48		-	65.00
50		80.00	65.00	50		-	65.00
54	98	80.00	65.00	54		-	65.00
30		80.00	65.00	30		-	65.00
36		80.00	65.00	36		-	65.00
42		80.00	65.00	42		-	65.00
48		80.00	65.00	48		-	65.00
50		80.00	65.00	50		-	65.00



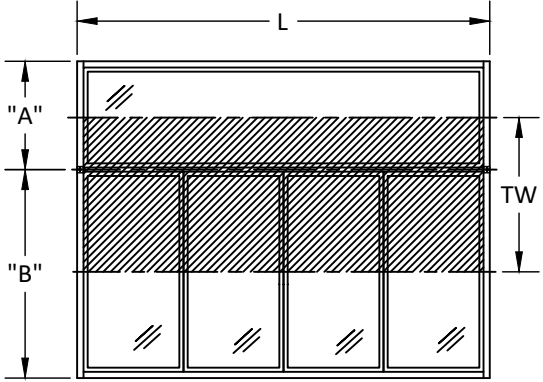
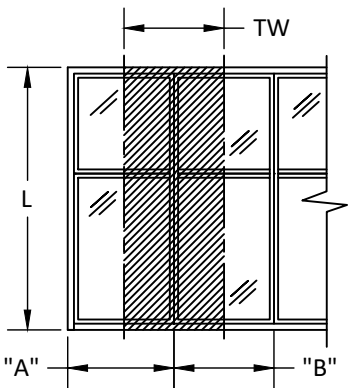
M1 - VERTICAL MULLION



M2 - VERTICAL MULLION

NOTE: QUALIFIED FOR ONE-WAY AND TWO-WAY APPLICATIONS

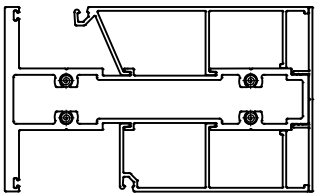
TRIBUTARY WIDTH (TW) = $\frac{A + B}{2}$



MULLION CAPACITY TABLES

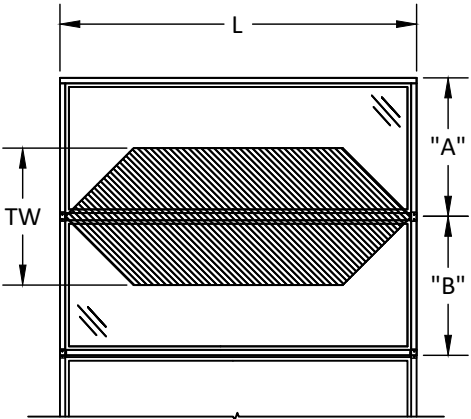
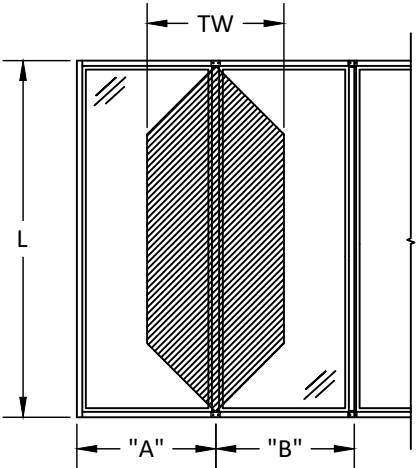
HORIZONTAL MULLION
DESIGN PRESSURE TABLE

LIMIT DESIGN LOADS FOR HORIZONTAL AS FOLLOWS		
HORIZ SPAN (in.)	D.L.O. HEIGHT ABOVE HORIZ (in.)	MAX DESIGN LOADS (PSF)
		HORIZONTAL - H1
57	44.50	80



HORIZONTAL MULLION

NOTE: ONLY QUALIFIED FOR ONE-WAY APPLICATION



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MULLION CAPACITY TABLES

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REMARKS	BY	DATE
2026 FBC UPDATE	LS	06/26

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HERMES F. NORERO
LICENSE
No. 73778
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

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SCALE:
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LRA025

SHEET:
6

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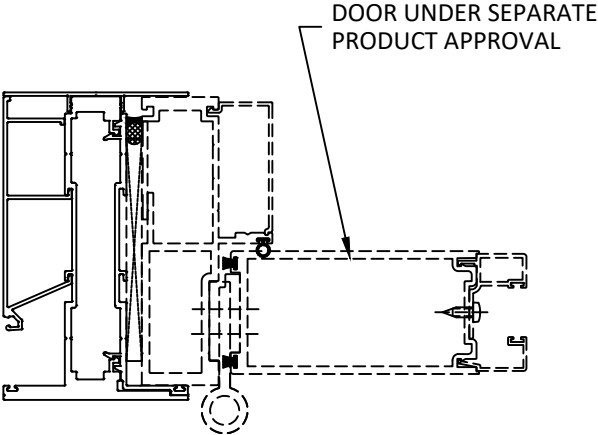
OF 11

DOOR MULLION CAPACITY TABLES

VERTICAL MULLION
DESIGN PRESSURE TABLE

DESIGN PRESSURE CHART (PSF)			
TRIBUTARY WIDTH (TW) (IN.)	MULLION SPAN (L) (IN.)	EXT. (+)	INT. (-)
30	78	80.00	80.00
36		80.00	80.00
42		80.00	80.00
48		80.00	80.00
54		80.00	80.00
63		80.00	80.00
66		80.00	80.00
74		80.00	80.00
78		80.00	80.00
84		80.00	80.00
30	84	80.00	80.00
36		80.00	80.00
42		80.00	80.00
48		80.00	80.00
54		80.00	80.00
63		80.00	80.00
66		80.00	80.00
74		80.00	80.00
78		80.00	80.00
84		80.00	80.00
30	90	80.00	80.00
36		80.00	80.00
42		80.00	80.00
48		80.00	80.00
54		80.00	80.00
63		80.00	80.00
66		80.00	80.00
74		80.00	80.00
78		80.00	80.00
84		80.00	80.00
30	96	80.00	80.00
36		80.00	80.00
42		80.00	80.00
48		80.00	80.00
54		80.00	80.00
63		80.00	80.00
66		80.00	80.00
74		80.00	80.00
78		80.00	80.00
84		80.00	80.00

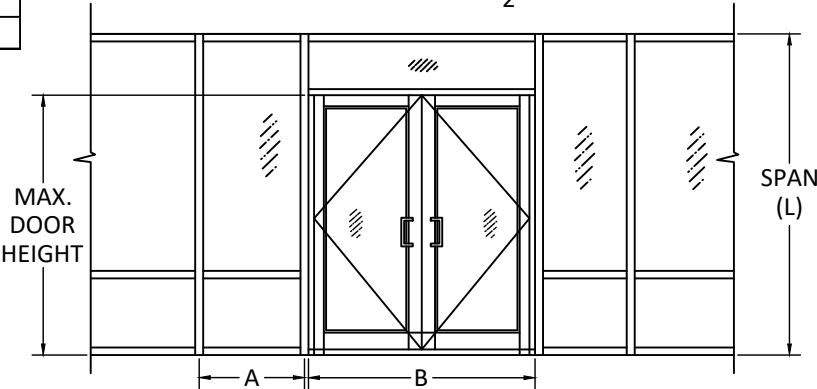
DESIGN PRESSURE CHART (PSF)			
TRIBUTARY WIDTH (TW) (IN.)	MULLION SPAN (L) (IN.)	EXT. (+)	INT. (-)
30	100	80.00	80.00
36		80.00	80.00
42		80.00	80.00
48		80.00	80.00
54		80.00	80.00
63		80.00	80.00
66		80.00	80.00
74		80.00	80.00
78		80.00	80.00
84		80.00	80.00
30	108	80.00	80.00
36		80.00	80.00
42		80.00	80.00
48		80.00	80.00
54		80.00	80.00
63		80.00	80.00
66		80.00	80.00
74		80.00	80.00
78		80.00	80.00
84		80.00	80.00
30	114	80.00	80.00
36		80.00	80.00
42		80.00	80.00
48		80.00	80.00
54		80.00	80.00
63		80.00	80.00
66		80.00	80.00
74		80.00	80.00
78		80.00	80.00
84		80.00	80.00
30	120	80.00	80.00
36		80.00	80.00
42		80.00	80.00
48		80.00	80.00
54		80.00	80.00
63		80.00	80.00
66		80.00	80.00
74		80.00	80.00
78		80.00	80.00
84		80.00	80.00



VERTICAL MULLION

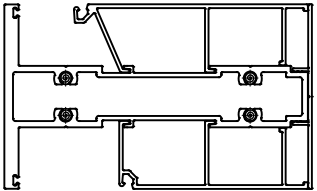
NOTE: QUALIFIED FOR
ONE-WAY AND TWO-WAY
APPLICATIONS

TRIBUTARY
WIDTH (TW) = $\frac{A + B}{2}$



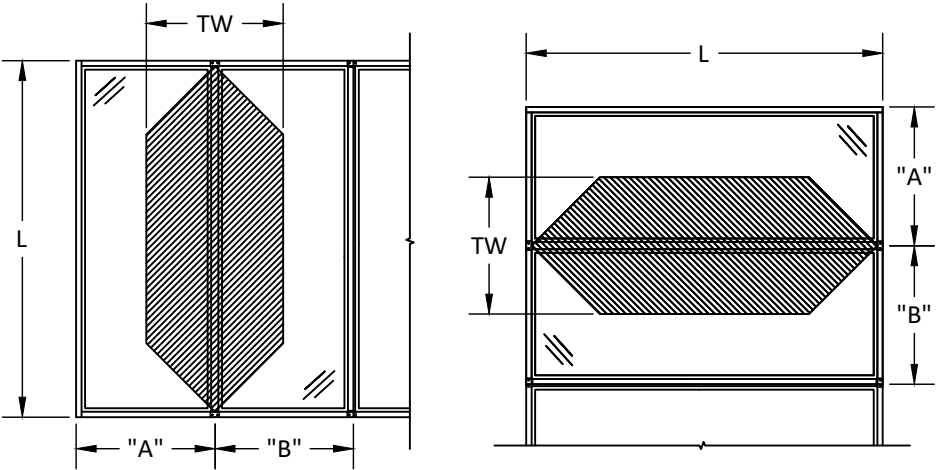
TRANSOM MULLION
DESIGN PRESSURE TABLE

LIMIT DESIGN LOADS FOR HORIZONTAL AS FOLLOWS		
HORIZ SPAN (in.)	D.L.O. HEIGHT ABOVE HORIZ (in.)	MAX DESIGN LOADS (PSF)
87	11.00	80
97	8.50	80



HORIZONTAL MULLION

NOTE: ONLY QUALIFIED FOR
ONE-WAY APPLICATION



DESIGNED by
LINEA ROSSA

1850 NW. 84TH AVE., STE. 114
DORAL, FL 33126
PH: (305)815-8797

GLR-U65&U67
STOREFRONT SYSTEM
(HVHZ)/(IMPACT)

DOOR MULLION CAPACITY TABLES

TITLE:

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

B.D.
BUILDING DROPS

REMARKS	BY	DATE
2026 FBC UPDATE	LS	06/26

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.

HERMES F. NORERO
LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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

FL #:	FL47721	
DATE:	08.05.25	
DWG. BY:	JR	CHK. BY: HFN
SCALE:	NTS	
DWG. #:	LRA025	
SHEET:	7	REV. A

ANCHOR CAPACITY TABLES

ANCHOR CAPACITY TABLE FOR
3/8" ANCHORS WITH 1/2"
SHIM SPACE

ANCHOR LOAD CAPACITY - PSF EXT. (+) & INT. (-)									
NOMINAL DIMS.		ANCHORS TYPE 'A'		ANCHORS TYPE 'B'				ANCHORS TYPE 'C'	
WIDTH (W)	FRAME HEIGHT	A1	A2	B1	B2	B3	B4	C1	C2
30	78	80.00	80.00	58.96	80.00	80.00	80.00	80.00	80.00
36		80.00	80.00	51.59	80.00	80.00	80.00	80.00	80.00
42		80.00	80.00	46.55	80.00	80.00	80.00	80.00	80.00
48		80.00	80.00	42.99	80.00	80.00	80.00	80.00	80.00
50		78.25	80.00	42.05	80.00	80.00	80.00	80.00	80.00
54		75.29	80.00	40.46	80.00	80.00	80.00	80.00	80.00
60		72.00	80.00	38.69	77.39	80.00	80.00	80.00	80.00
66		69.82	80.00	37.52	75.04	80.00	80.00	80.00	80.00
72		68.57	80.00	36.85	73.70	80.00	80.00	80.00	80.00
30	84	80.00	80.00	53.84	80.00	80.00	80.00	80.00	80.00
36		80.00	80.00	46.90	80.00	80.00	80.00	80.00	80.00
42		78.37	80.00	42.12	80.00	80.00	80.00	80.00	80.00
48		72.00	80.00	38.69	77.39	80.00	80.00	80.00	80.00
50		70.29	80.00	37.78	75.55	80.00	80.00	80.00	80.00
54		67.37	80.00	36.21	72.41	80.00	80.00	80.00	80.00
60		64.00	80.00	34.39	68.79	80.00	80.00	76.79	80.00
66		61.60	80.00	33.11	66.21	80.00	80.00	73.91	80.00
30	90	80.00	80.00	49.53	80.00	80.00	80.00	80.00	80.00
36		80.00	80.00	42.99	80.00	80.00	80.00	80.00	80.00
42		71.55	80.00	38.45	76.91	80.00	80.00	80.00	80.00
48		65.45	80.00	35.18	70.35	80.00	80.00	78.53	80.00
50		63.80	80.00	34.29	68.58	80.00	80.00	76.55	80.00
54		60.95	80.00	32.76	65.51	80.00	80.00	73.13	80.00
60		57.60	80.00	30.96	61.91	80.00	80.00	69.11	80.00
66		55.12	80.00	29.62	59.24	80.00	80.00	66.13	80.00
30	96	80.00	80.00	45.86	80.00	80.00	80.00	80.00	80.00
36		73.85	80.00	39.69	79.37	80.00	80.00	80.00	80.00
42		65.83	80.00	35.38	70.76	80.00	80.00	78.98	80.00
48		60.00	80.00	32.25	64.49	80.00	80.00	71.99	80.00
50		58.41	80.00	31.39	62.78	80.00	80.00	70.08	80.00
54		55.65	80.00	29.91	59.82	80.00	80.00	66.77	80.00
60		52.36	80.00	28.14	56.28	80.00	80.00	62.83	80.00
30	98	80.00	80.00	44.75	80.00	80.00	80.00	80.00	80.00
36		72.00	80.00	38.69	77.39	80.00	80.00	80.00	80.00
42		64.12	80.00	34.46	68.92	80.00	80.00	76.93	80.00
48		58.38	80.00	31.37	62.75	80.00	80.00	70.04	80.00
50		56.81	80.00	30.53	61.06	80.00	80.00	68.16	80.00
54		54.08	80.00	29.07	58.13	80.00	80.00	64.89	80.00
60		50.82	80.00	27.31	54.63	80.00	80.00	60.98	80.00

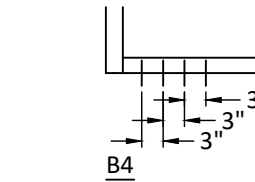
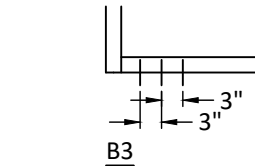
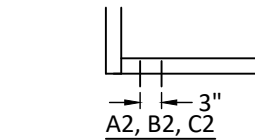
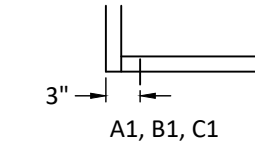
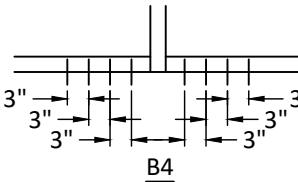
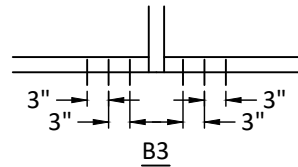
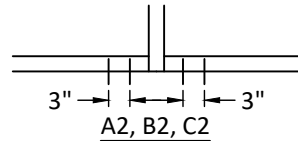
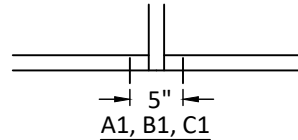
ANCHORS TYPES:

- A1 = (1) ANCHORS TYPE 'A' AT EACH SIDE OF MULLION
A2 = (2) ANCHORS TYPE 'A' AT EACH SIDE OF MULLION
B1 = (1) ANCHORS TYPE 'B' AT EACH SIDE OF MULLION
B2 = (2) ANCHORS TYPE 'B' AT EACH SIDE OF MULLION
B3 = (3) ANCHORS TYPE 'B' AT EACH SIDE OF MULLION
B4 = (4) ANCHORS TYPE 'B' AT EACH SIDE OF MULLION
C1 = (1) ANCHORS TYPE 'C' AT EACH SIDE OF MULLION
C2 = (2) ANCHORS TYPE 'C' AT EACH SIDE OF MULLION

ALL OTHER ANCHORS TO BE SPACED AS PER ELEVATION

ANCHOR LOAD CAPACITY - PSF EXT. (+) & INT. (-)									
NOMINAL DIMS.		ANCHORS TYPE 'A'		ANCHORS TYPE 'B'				ANCHORS TYPE 'C'	
WIDTH (W)	FRAME HEIGHT	A1	A2	B1	B2	B3	B4	C1	C2
30	100	80.00	80.00	43.70	80.00	80.00	80.00	80.00	80.00
36		70.24	80.00	37.75	75.50	80.00	80.00	80.00	80.00
42		62.50	80.00	33.59	67.17	80.00	80.00	74.98	80.00
48		56.84	80.00	30.55	61.10	80.00	80.00	68.20	80.00
50		55.30	80.00	29.72	59.43	80.00	80.00	66.34	80.00
54		52.60	80.00	28.27	56.54	80.00	80.00	63.11	80.00
60		49.37	80.00	26.53	53.07	79.60	80.00	59.24	80.00
30	108	74.32	80.00	39.94	79.88	80.00	80.00	80.00	80.00
36		64.00	80.00	34.39	68.79	80.00	80.00	76.79	80.00
42		56.75	80.00	30.50	61.00	80.00	80.00	68.09	80.00
48		51.43	80.00	27.64	55.28	80.00	80.00	61.70	80.00
50		49.97	80.00	26.85	53.71	80.00	80.00	59.95	80.00
54		47.41	80.00	25.48	50.96	76.43	80.00	56.88	80.00
30	114	69.82	80.00	37.52	75.04	80.00	80.00	80.00	80.00
36		60.00	80.00	32.25	64.49	80.00	80.00	71.99	80.00
42		53.09	80.00	28.53	57.06	80.00	80.00	63.70	80.00
48		48.00	80.00	25.80	51.59	77.39	80.00	57.59	80.00
50		46.60	80.00	25.04	50.09	75.13	80.00	55.91	80.00
30	120	65.83	80.00	35.38	70.76	80.00	80.00	78.98	80.00
36		56.47	80.00	30.35	60.70	80.00	80.00	67.75	80.00
42		49.87	80.00	26.80	53.60	80.00	80.00	59.83	80.00
48		45.00	80.00	24.18	48.37	72.55	80.00	53.99	80.00
50		43.65	80.00	23.46	46.92	70.38	80.00	52.38	80.00

ANCHOR SCHEDULE				
ANCHOR TYPE	ANCHOR DESCRIPTION	SUBSTRATE REQUIREMENTS	MIN. EMBEDMENT	MIN. EDGE DISTANCE
A	3/8" DEWALT SCREW BOLT+	CONCRETE F' C = 3000 PSI MIN. C-90 GROUT-FILLED BLOCK F' C = 2000 PSI MIN.	1-1/2"	3"
B	3/8" WOOD SCREW	MIN. S.G. = 0.55 WOOD	1-1/2"	1"
C	3/8" SELF-DRILLING SCREW (GRADE 5)	STEEL: 16 GA. MIN., Fy=36 KSI MIN. ALUM.: 1/8" MIN., 6063-T5 MIN.	3 THREADS PENETRATION PAST METAL STRUCTURE	1/2"



NOTE: JAMB ANCHORS
USE W/2

DESIGNED by
LINEA ROSSA®

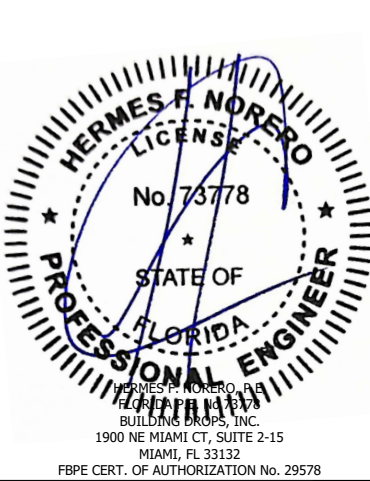
1850 NW. 84TH AVE., STE. 114
DORAL, FL 33126
PH: (305)815-8797

TITLE:
GLR-U65&U67
STOREFRONT SYSTEM
(HVHZ)/(IMPACT)
ANCHOR CAPACITY TABLES

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
2026 FBC UPDATE	LS	06/26

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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 #:
FL47721

DATE:
08.05.25

DWG. BY:
JR

CHK. BY:
HFN

SCALE:
NTS

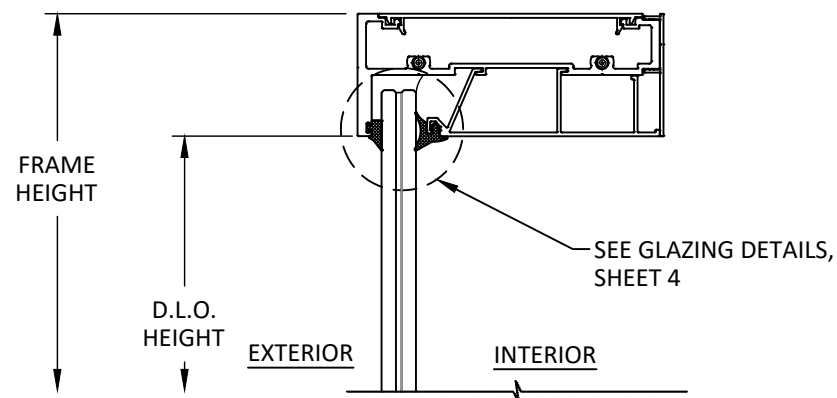
DWG. #:
LRA025

SHEET:
8

REV.
A

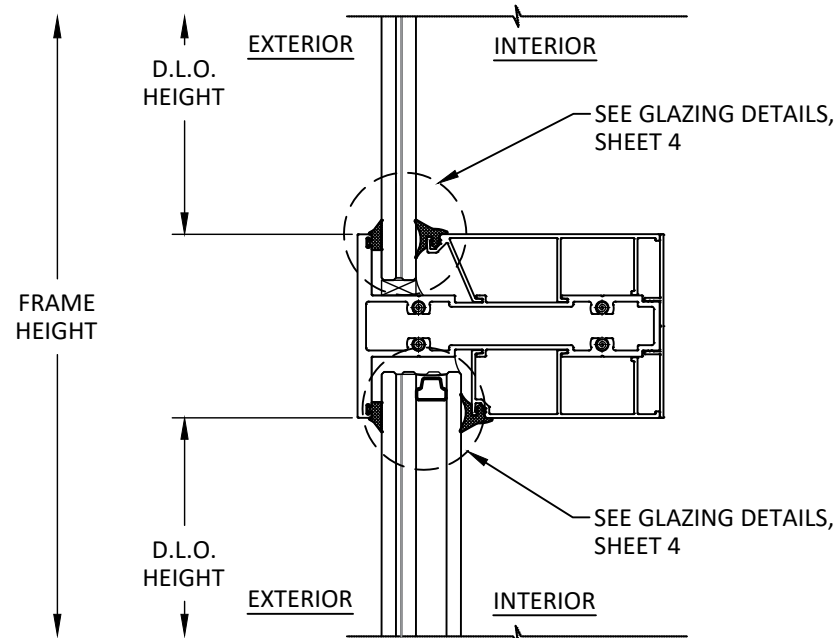
OF 11

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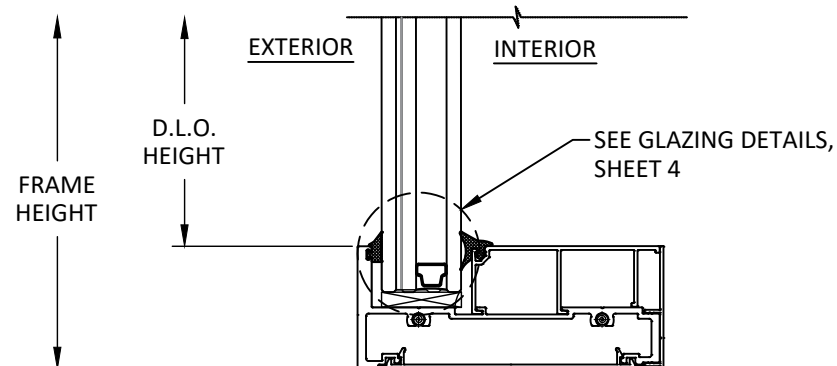


NOTE: LAMINATED SHOWN,
INSULATED QUALIFIED.

A
9 VERTICAL SECTION
HEAD

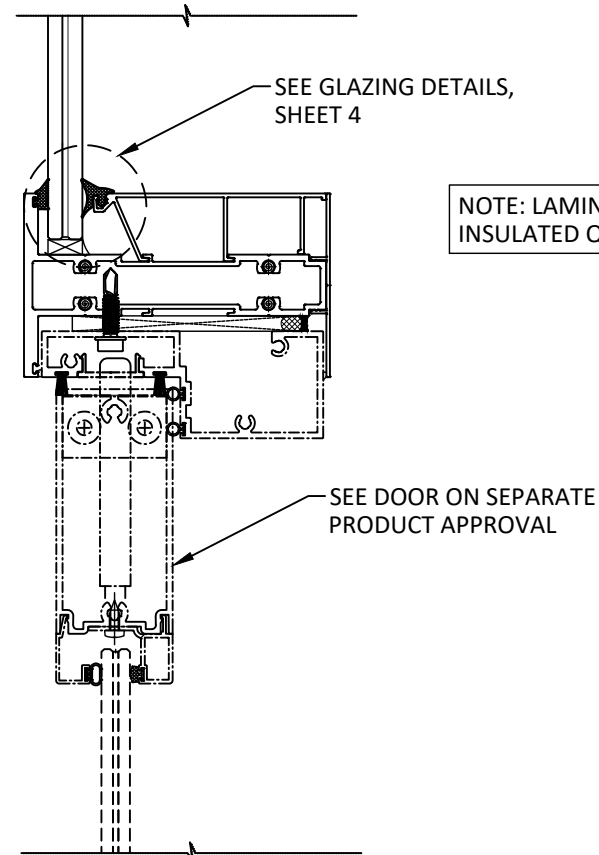


B
9 VERTICAL SECTION
MULLION



NOTE: INSULATED SHOWN,
LAMINATED QUALIFIED.

C
9 VERTICAL SECTION
SILL



NOTE: LAMINATED SHOWN,
INSULATED QUALIFIED.

D
9 VERTICAL SECTION
MULLION

DESIGNED by
LINEA ROSSA®
1850 NW. 84TH AVE., STE. 114
DORAL, FL 33126
PH: (305)815-8797

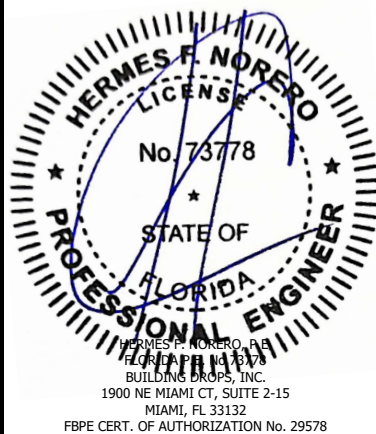
TITLE: GLR-U65&U67
STOREFRONT SYSTEM
(HVHZ)/(IMPACT)
VERTICAL SECTIONS

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



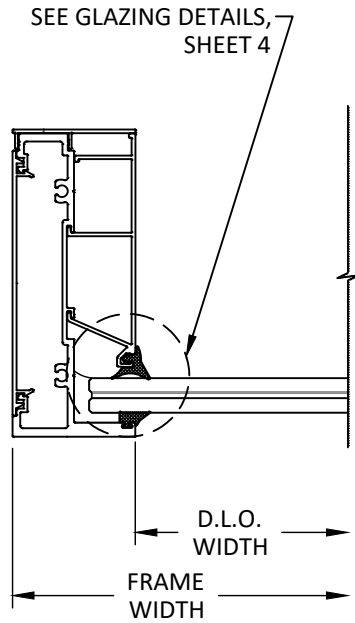
REMARKS	BY	DATE
2026 FBC UPDATE	LS	06/26

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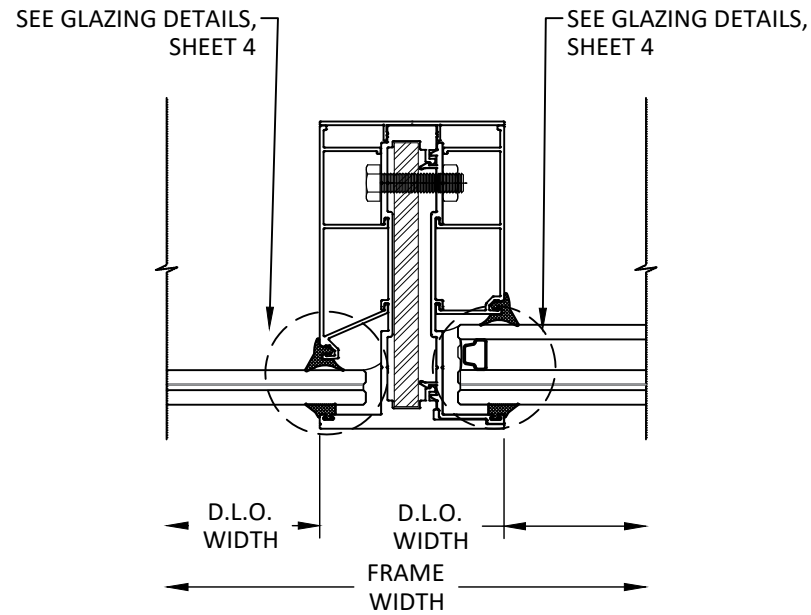
FL #:	FL47721
DATE:	08.05.25
DWG. BY:	JR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	LRA025
SHEET:	9
REV.	A

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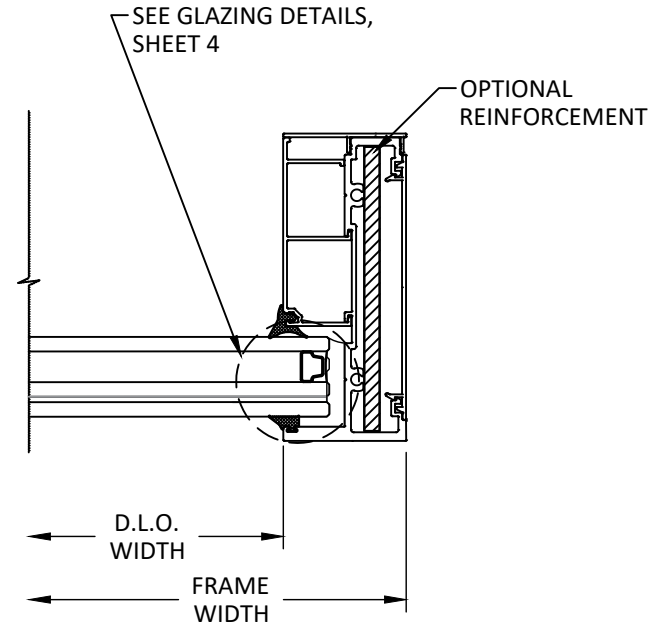


A
10 **HORIZONTAL SECTION**
JAMB

NOTE: LAMINATED SHOWN,
INSULATED QUALIFIED.

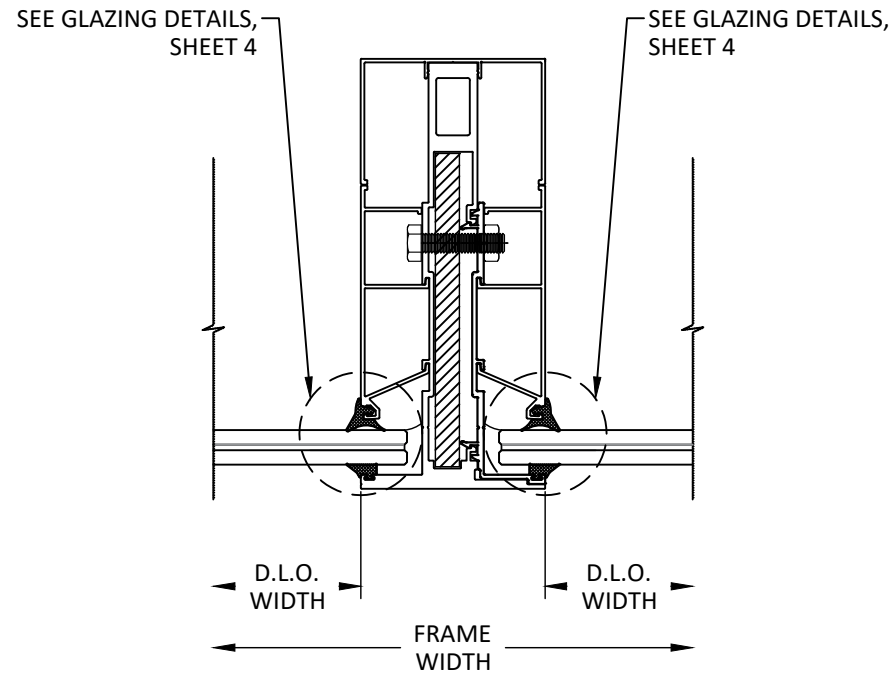


B
10 **HORIZONTAL SECTION**
MULLION



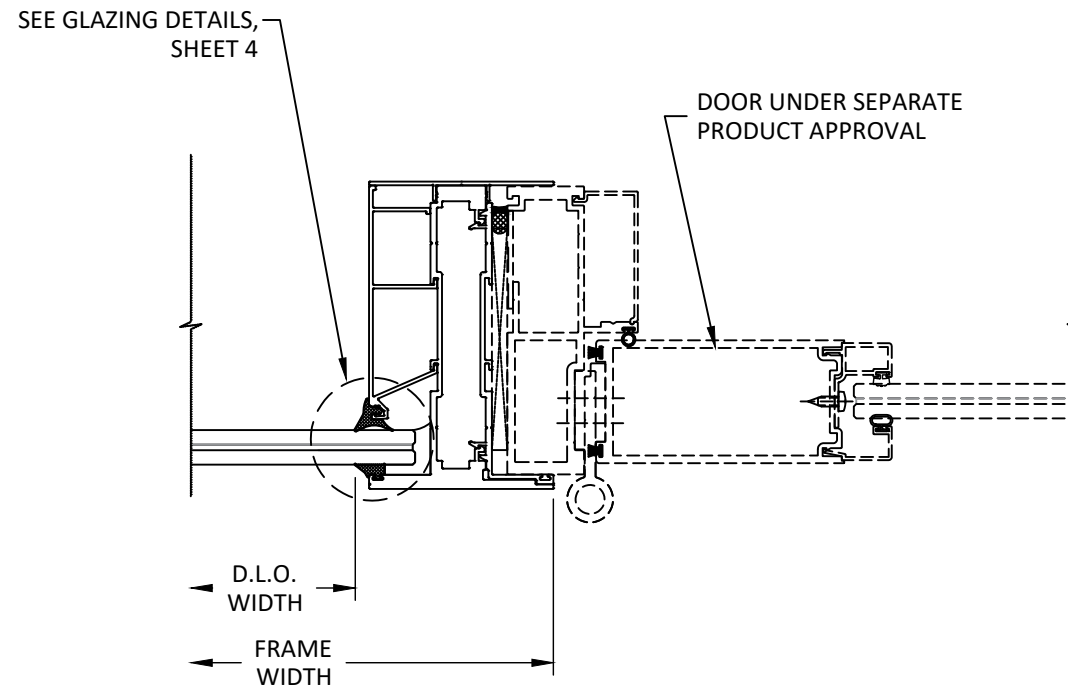
C
10 **HORIZONTAL SECTION**
JAMB

NOTE: INSULATED SHOWN,
LAMINATED QUALIFIED.



D
10 **HORIZONTAL SECTION**
MULLION

NOTE: LAMINATED SHOWN,
INSULATED QUALIFIED.



E
10 **HORIZONTAL SECTION**
MULLION

NOTE: LAMINATED SHOWN,
INSULATED QUALIFIED.

DESIGNED by
LINEA ROSSA®

1850 NW. 84TH AVE., STE. 114
DORAL, FL 33126
PH: (305)815-8797

TITLE:
GLR-U65&U67
STOREFRONT SYSTEM
(HVHZ)/(IMPACT)

HORIZONTAL SECTIONS

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



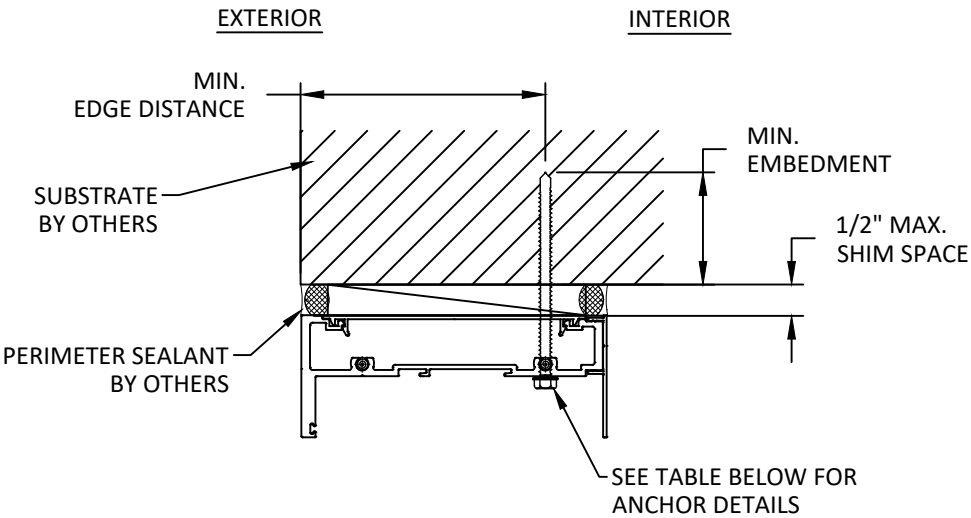
REMARKS	BY	DATE
2026 FBC UPDATE	LS	06/26

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FL #:	FL47721	
DATE:	08.05.25	
DWG. BY:	JR	CHK. BY: HFN
SCALE:	NTS	
DWG. #:	LRA025	
SHEET:	10	REV. A

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A
11

VERTICAL SECTION

HEAD - THROUGH FRAME

NOTE: SILL & JAMB
INSTALLATION SIMILAR

ANCHOR SCHEDULE				
ANCHOR TYPE	ANCHOR DESCRIPTION	SUBSTRATE REQUIREMENTS	MIN. EMBEDMENT	MIN. EDGE DISTANCE
A	3/8" DEWALT SCREWBOLT+	CONCRETE F'C = 3000 PSI MIN. C-90 GROUT-FILLED BLOCK F'C = 2000 PSI MIN.	1-1/2"	3"
B	3/8" WOOD SCREW	MIN. S.G. = 0.55 WOOD	1-1/2"	1"
C	3/8" SELF-DRILLING SCREW (GRADE 5)	STEEL: 16 GA. MIN., Fy=36 KSI MIN. ALUM.: 1/8" MIN., 6063-T5 MIN.	3 THREADS PENETRATION PAST METAL STRUCTURE	1/2"

DESIGNED by
LINEA ROSSA®

1850 NW. 84TH AVE., STE. 114
DORAL, FL 33126
PH: (305)815-8797

TITLE:
GLR-U65&U67
STOREFRONT SYSTEM
(HVHZ)/(IMPACT)
ANCHOR DETAILS &
ANCHOR SCHEDULE

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
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REMARKS	BY	DATE
2026 FBC UPDATE	LS	06/26

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 #:

FL47721

DATE: 08.05.25

DWG. BY:
JR

CHK. BY:
HFN

SCALE: NTS

DWG. #: LRA025

SHEET:

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