UNIQUE CUSTOM DOORS, LLC

FLUSH DOORS (HVHZ) (IMPACT)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC) **INCLUDING** HVHZ. ALL PRODUCTS UNDER THE SCOPE OF THIS DOCUMENT HAVE BEEN EVALUATED ACCORDING TO THE FOLLOWING:
   - AAMA/WDMA/CSA 101/I.S.2/A440-17
   - ASTM E1886-19
   - ASTM E1996-20
   - TAS 201-94
   - TAS 202-94
   - TAS 203-94

2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X 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. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±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.

5. 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.

6. APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.

7. FRAME MATERIAL: MAHOGANY (S.G. = 0.42) OR EQUIVALENT.

8. GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 11 FOR GLAZING DETAIL.

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13	VERTICAL SECTIONS
14	HORIZONTAL SECTIONS
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16	INSTALLATION DETAILS AND NOTES

FRAME SIZE	DESIGN PRESSURE	IMPACT MISSILE RATING
SEE SHEETS 2, 4, & 10		LARGE & SMALL MISSILE IMPACT

DOOR CONFIGURATION	WATER RESISTANCE PRESSURE	MAXIMUM DESIGN PRESSURE	
		WATER REQUIRED	WATER NOT REQUIRED
INSWING	9 PSF	+/- 60 PSF	+/- 60 PSF
OUTSWING	11.25 PSF	+/- 60 PSF	+/- 60 PSF

UNIQUE CUSTOM DOORS

2787 N AIRPORT ROAD #410
FORT MYERS, FL 33907
PH: (239) 340-1229

TITLE: OPAQUE DOORS (HVHZ) (IMPACT)
GENERAL NOTES & TABLE OF CONTENTS

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

REMARKS	BY	DATE

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2024.12.20 14:12:38 -05'00'

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

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FLORIDA P.E. No 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

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CHK. BY: HFN
SCALE: NTS
DWG. #: UCD003
SHEET: 1 OF 16

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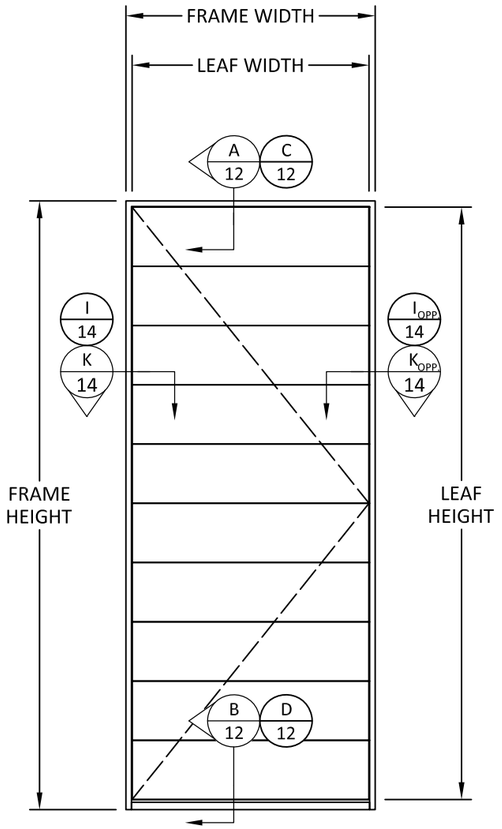
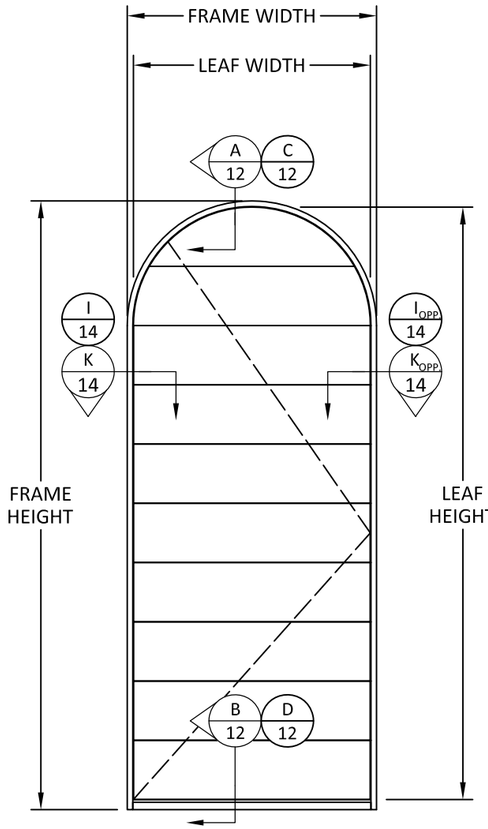


TYPICAL ELEVATION
SINGLE DOOR



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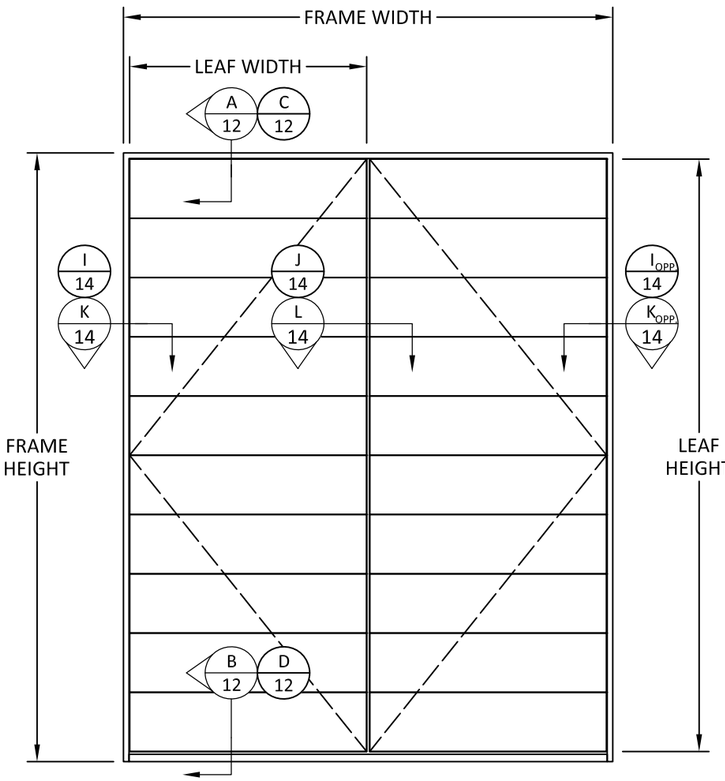
SINGLE DOOR - ARCH TOP



TYPICAL ELEVATION
DOUBLE DOOR

DESIGN PRESSURE TABLE (PSF) - SINGLE & DOUBLE DOOR								
IS* FRAME HEIGHT (IN.)	LEAF WIDTH (IN.)							
	24	30	36	42	48	54	60	66
80	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
84	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
90	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
96	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
102	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
108	60.00	60.00	60.00	60.00	60.00	60.00	60.00	-
114	60.00	60.00	60.00	60.00	60.00	60.00	-	-
120	60.00	60.00	60.00	60.00	60.00	-	-	-
123.313	60.00	60.00	60.00	60.00	60.00	-	-	-

* INSWING DOOR FRAME HEIGHT SHOWN, OUTSWING DOOR SEE NOTES AT RIGHT.

FRAME HEIGHT (IS) = LEAF HEIGHT + 3.3125"
FRAME HEIGHT (OS) = LEAF HEIGHT + 2.5625"
FRAME WIDTH (SINGLE) = LEAF WIDTH + 2.5"
FRAME WIDTH (DOUBLE) = 2* LEAF WIDTH + 3.125"

UNIQUE
CUSTOM DOORS

2787 N AIRPORT ROAD #410
FORT MYERS, FL 33907
PH: (239) 340-1229

TITLE: OPAQUE DOORS (HVHZ) (IMPACT)
TYPICAL ELEVATIONS & DP TABLE
(SINGLE & DOUBLE DOOR)

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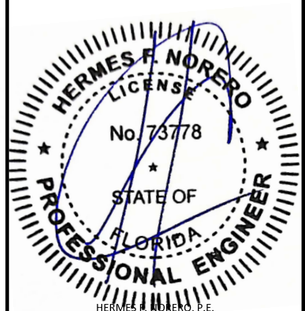

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MIAMI, FL 33132
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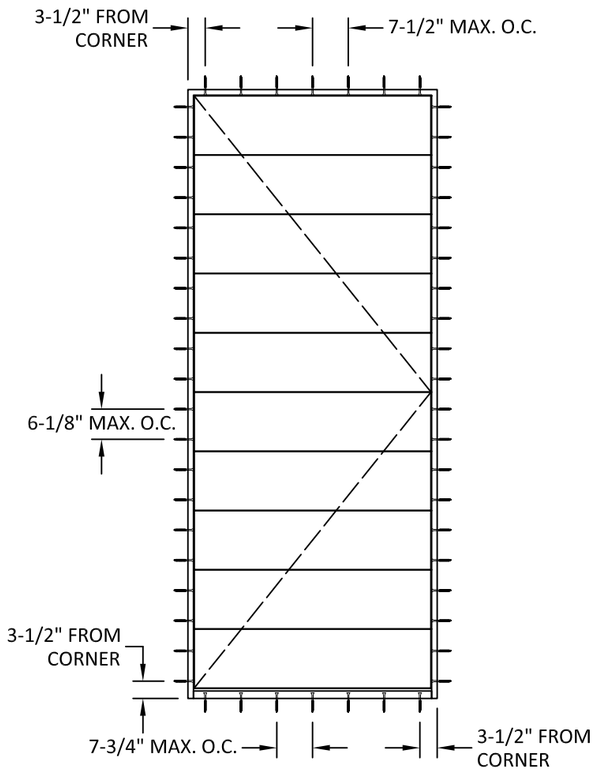
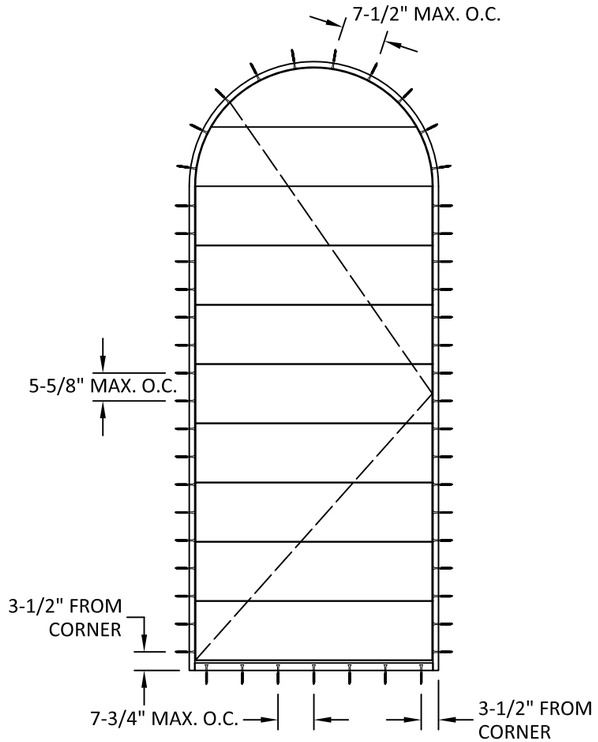
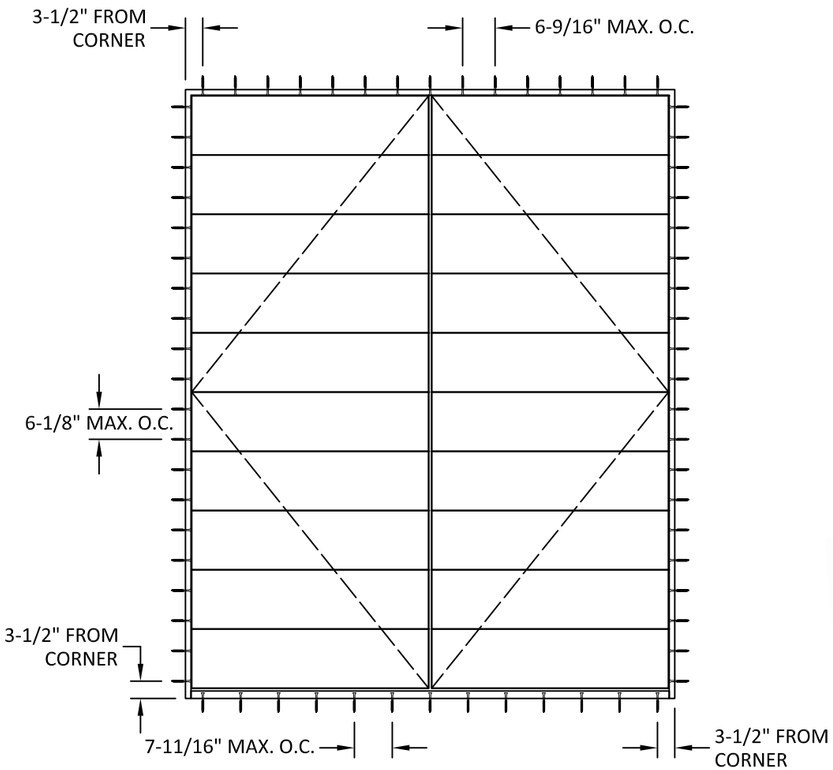


ANCHOR LAYOUT
SINGLE DOOR



ANCHOR LAYOUT
SINGLE DOOR - ARCH TOP



ANCHOR LAYOUT
DOUBLE DOOR

UNIQUE
CUSTOM DOORS

2787 N AIRPORT ROAD #410
FORT MYERS, FL 33907
PH: (239) 340-1229

TITLE:
OPAQUE DOORS (HVHZ) (IMPACT)
ANCHOR LAYOUTS
(SINGLE & DOUBLE DOOR)

PREPARED BY:
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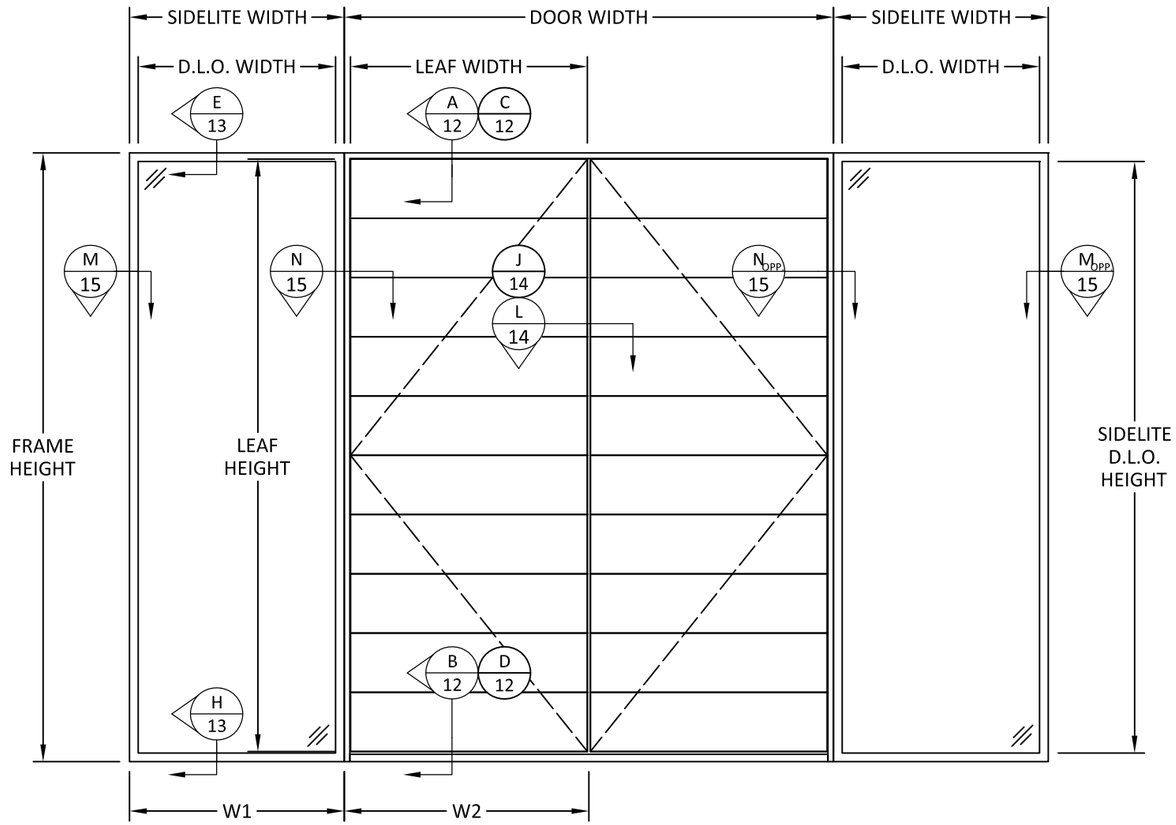

TYPICAL ELEVATION

DOUBLE DOOR W/ SIDELITE
SINGLE DOOR SIMILAR

DESIGN PRESSURE TABLE (PSF) - SIDELITE/TRANSOM*									
FRAME HEIGHT (IN.)	SIDELITE/TRANSOM WIDTH (IN.)								
	24	30	36	43.5	48	54	60	66	72
43.5	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
48	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
54	60.00	60.00	60.00	60.00	60.00	59.41	59.41	59.41	59.41
60	60.00	60.00	60.00	60.00	60.00	59.41	53.10	53.10	53.10
66	60.00	60.00	60.00	60.00	60.00	59.41	53.10	48.00	48.00
72	60.00	60.00	60.00	60.00	60.00	59.41	53.10	48.00	43.80
78	60.00	60.00	60.00	60.00	60.00	59.41	53.10	48.00	-
84	60.00	60.00	60.00	60.00	60.00	59.41	53.10	-	-
90	60.00	60.00	60.00	60.00	60.00	59.41	-	-	-
96	60.00	60.00	60.00	60.00	60.00	59.41	-	-	-
102	60.00	60.00	60.00	60.00	60.00	-	-	-	-
108	60.00	60.00	60.00	60.00	60.00	-	-	-	-
114	60.00	60.00	60.00	60.00	-	-	-	-	-
120	60.00	60.00	60.00	60.00	-	-	-	-	-
123.313	60.00	60.00	60.00	60.00	-	-	-	-	-

* SIDELITE/TRANSOM WIDTH AND HEIGHT ARE INTERCHANGEABLE.

DESIGN PRESSURE TABLE (PSF) - DOOR WITH SIDELITE*									
FRAME HEIGHT (IN.)	TRIBUTARY WIDTH (IN.)								
	24	30	36	42	46.53	48	54	60	66
80	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
84	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
90	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	-
96	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	-
102	60.00	60.00	60.00	60.00	60.00	60.00	60.00	-	-
108	60.00	60.00	60.00	60.00	60.00	60.00	-	-	-
114	60.00	60.00	60.00	60.00	60.00	60.00	-	-	-
120	60.00	60.00	60.00	60.00	60.00	60.00	-	-	-
123.313	60.00	60.00	60.00	60.00	60.00	-	-	-	-

* THE DESIGN PRESSURE OF DOOR W/ SIDELITE SHALL BE THE LESSER OF THE VALUES IN THIS TABLE AND THE DOOR/SIDELITE DESIGN PRESSURE TABLES.

NOTE: FOR ALTERNATE SIDELITE, SEE SEPARATE APPROVAL FOR SHAPE, SIZE, FRAME DEPTH, AND GLAZING/INFILL TYPE.

SIDELITE D.L.O. WIDTH = SIDELITE WIDTH - 1.5"
SIDELITE D.L.O. HEIGHT = FRAME HEIGHT - 1.5"
TRIBUTARY WIDTH = $\frac{W1 + W2}{2}$

UNIQUE CUSTOM DOORS
2787 N AIRPORT ROAD #410
FORT MYERS, FL 33907
PH: (239) 340-1229

TITLE: OPAQUE DOORS (HVHZ) (IMPACT)
TYPICAL ELEVATION & DP TABLES
(DOOR W/ SIDELITE)

PREPARED BY:
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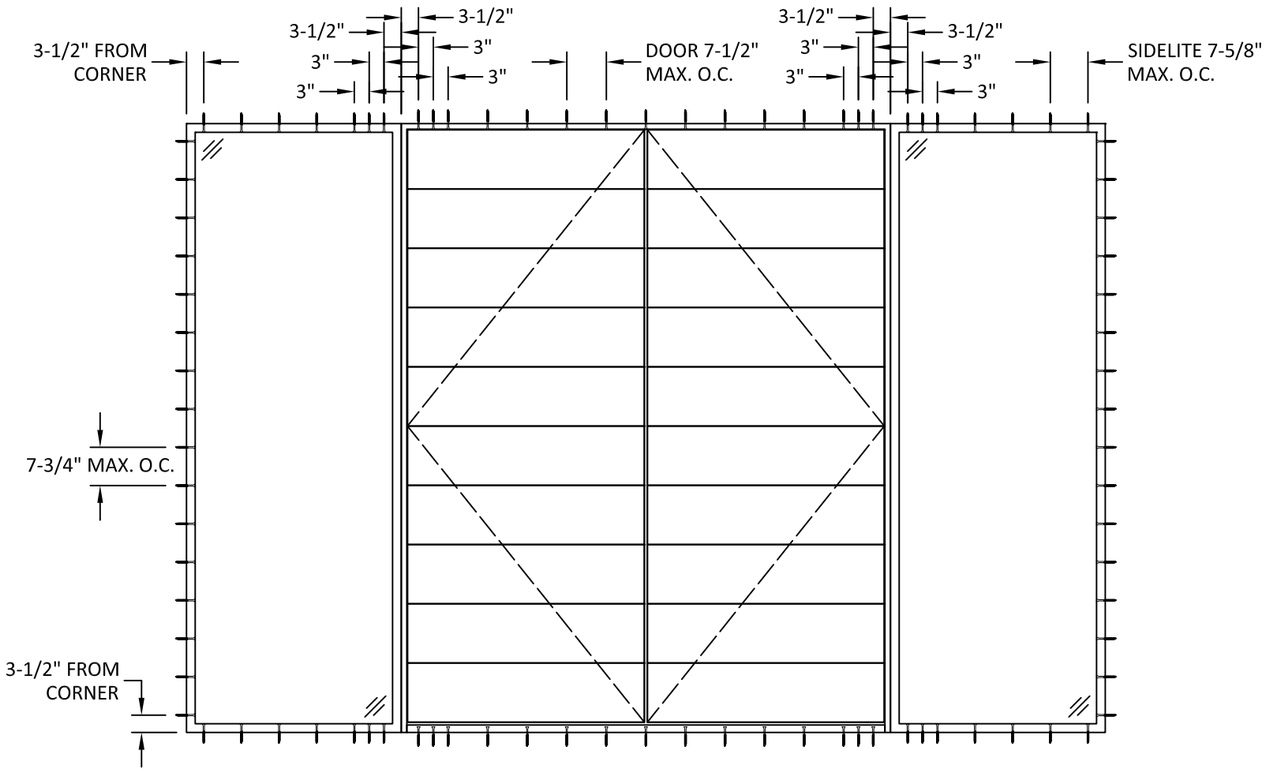

ANCHOR LAYOUT

DOUBLE DOOR W/ SIDELITE
SINGLE DOOR SIMILAR

UNIQUE
CUSTOM DOORS

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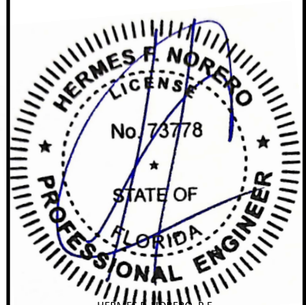

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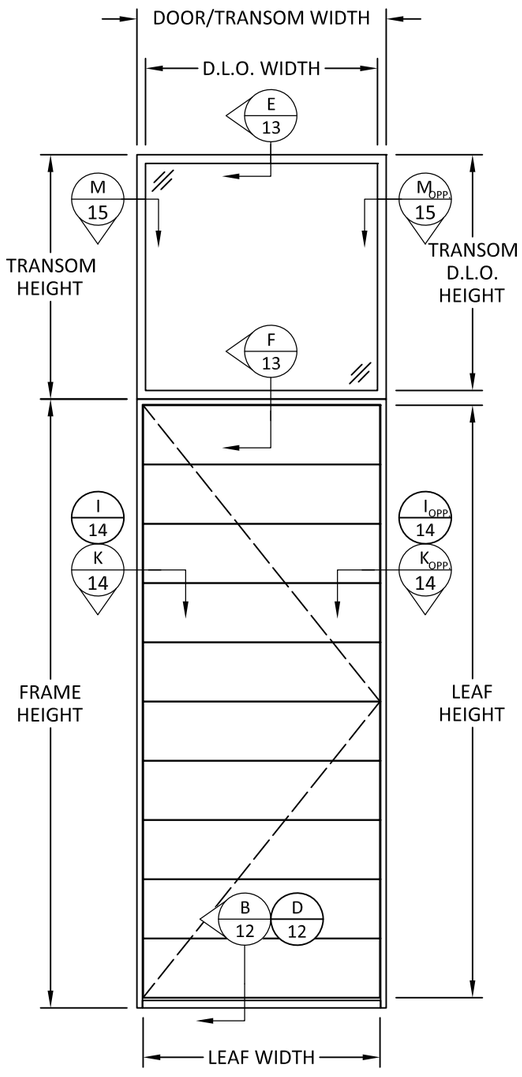
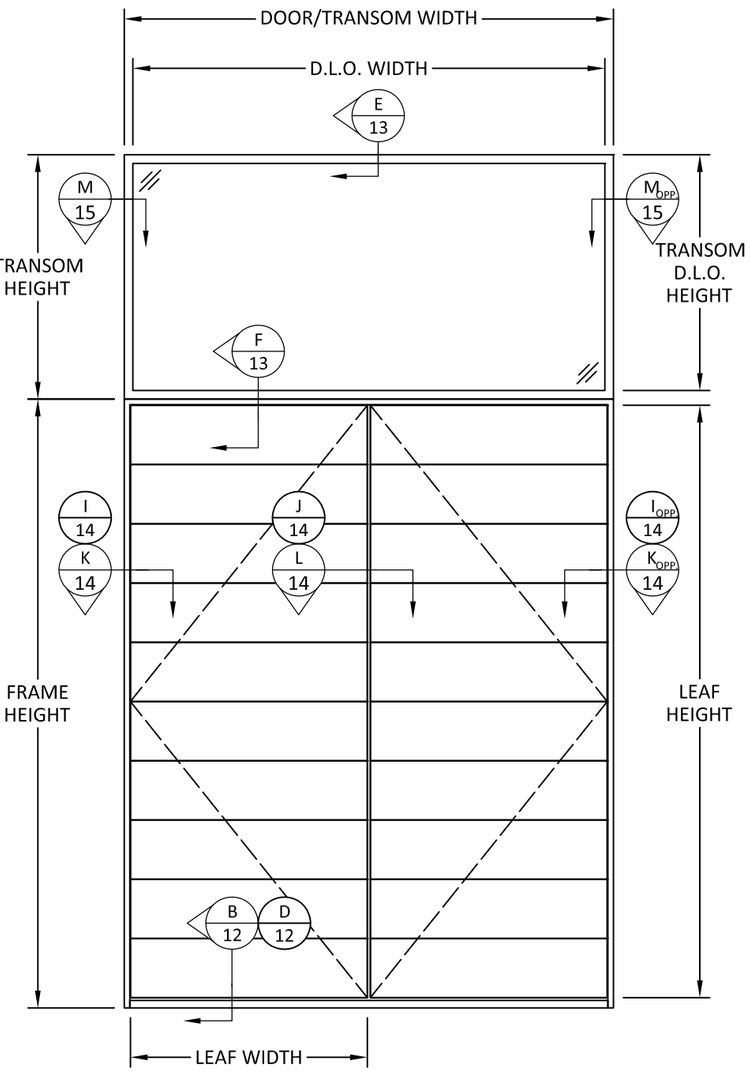


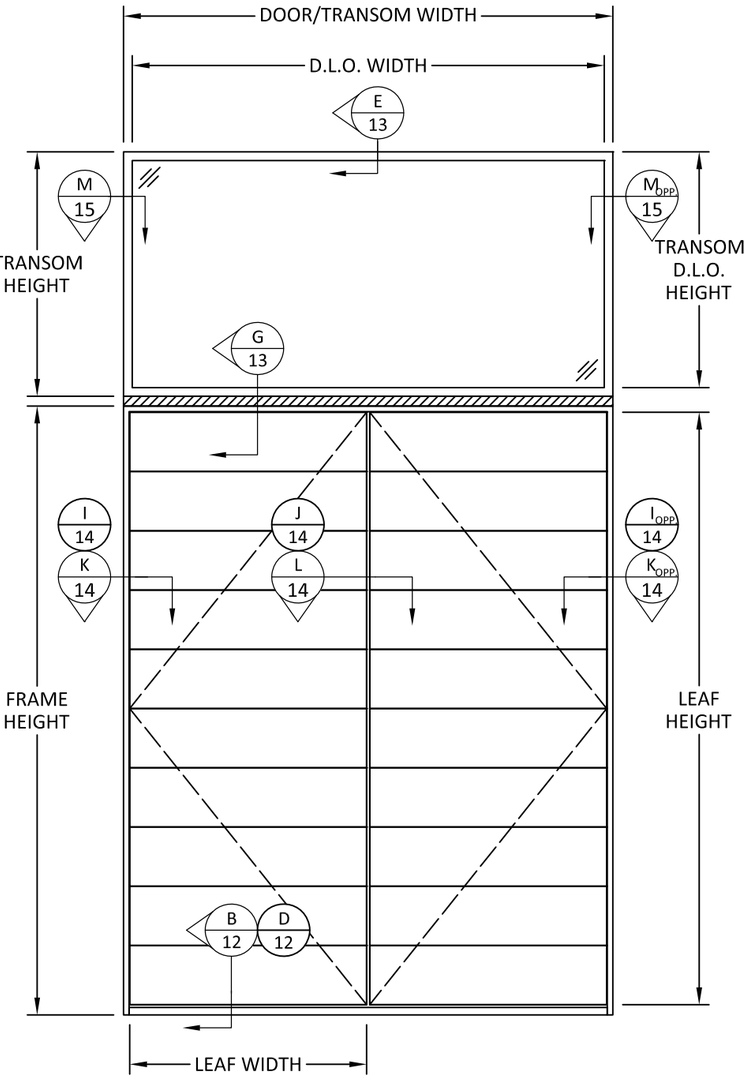
TYPICAL ELEVATION

SINGLE DOOR W/ TRANSOM
SIDELITE W/ TRANSOM SIMILAR



TYPICAL ELEVATION

DOUBLE DOOR W/ TRANSOM
W/O ALUMINUM MULLION



TYPICAL ELEVATION

DOUBLE DOOR W/ TRANSOM
W/ ALUMINUM MULLION

NOTE: FOR ALTERNATE TRANSOM, SEE SEPARATE APPROVAL FOR SHAPE, SIZE, FRAME DEPTH, AND GLAZING/INFILL TYPE.

UNIQUE
CUSTOM DOORS

2787 N AIRPORT ROAD #410
FORT MYERS, FL 33907
PH: (239) 340-1229

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TYPICAL ELEVATIONS
(DOOR W/ TRANSOM)

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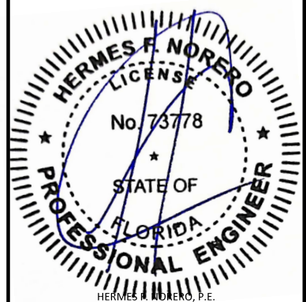

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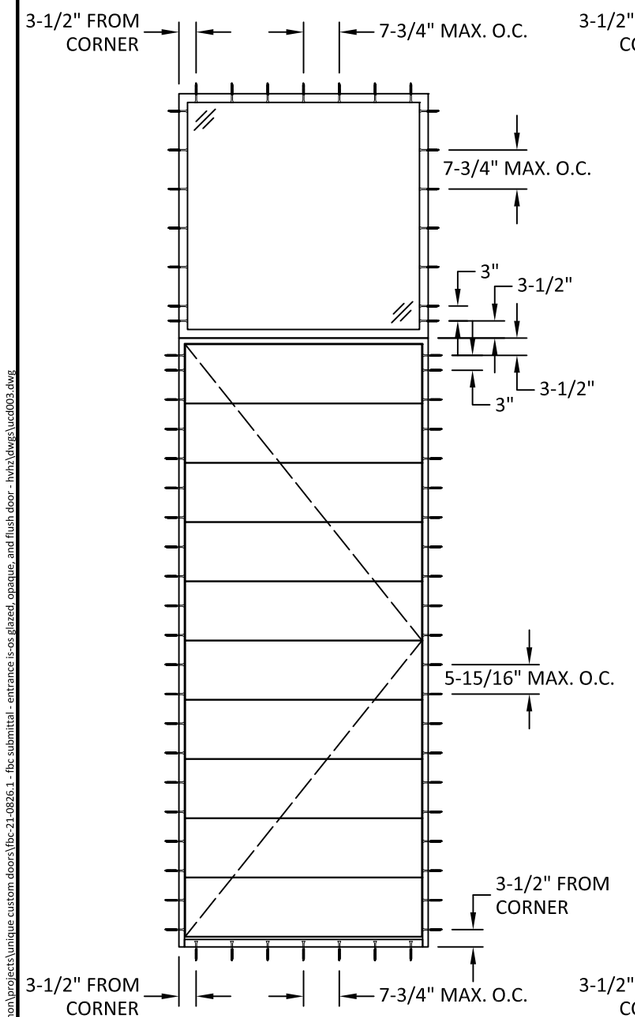
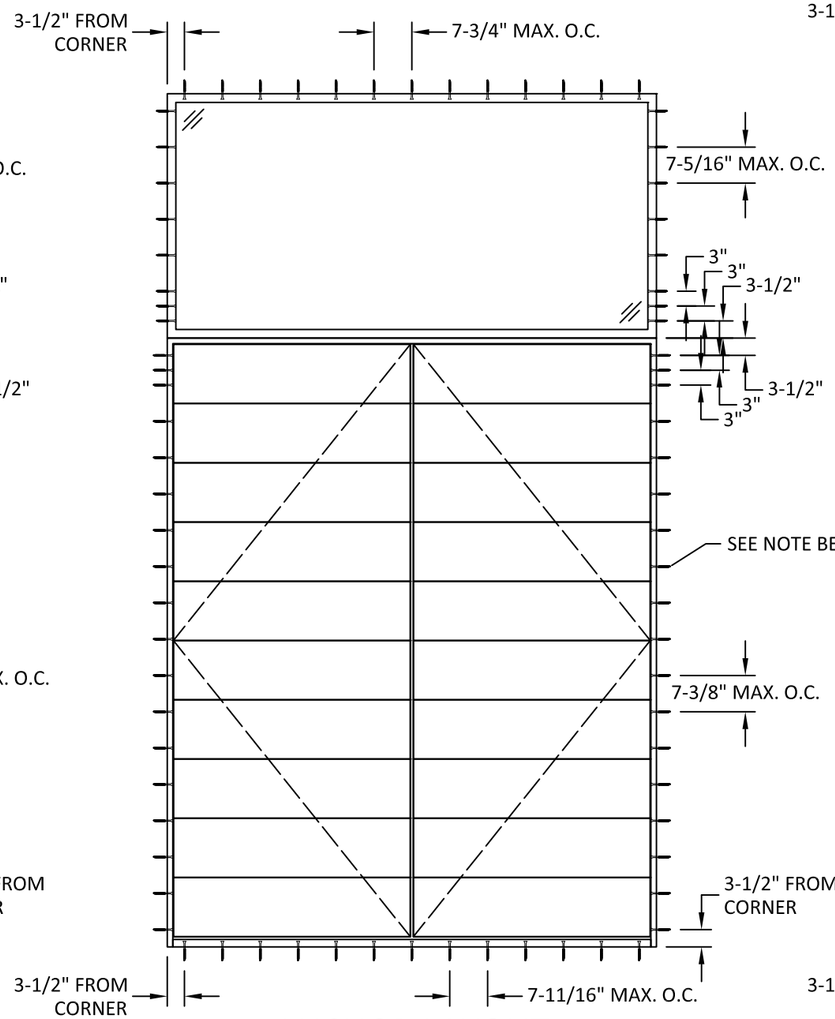


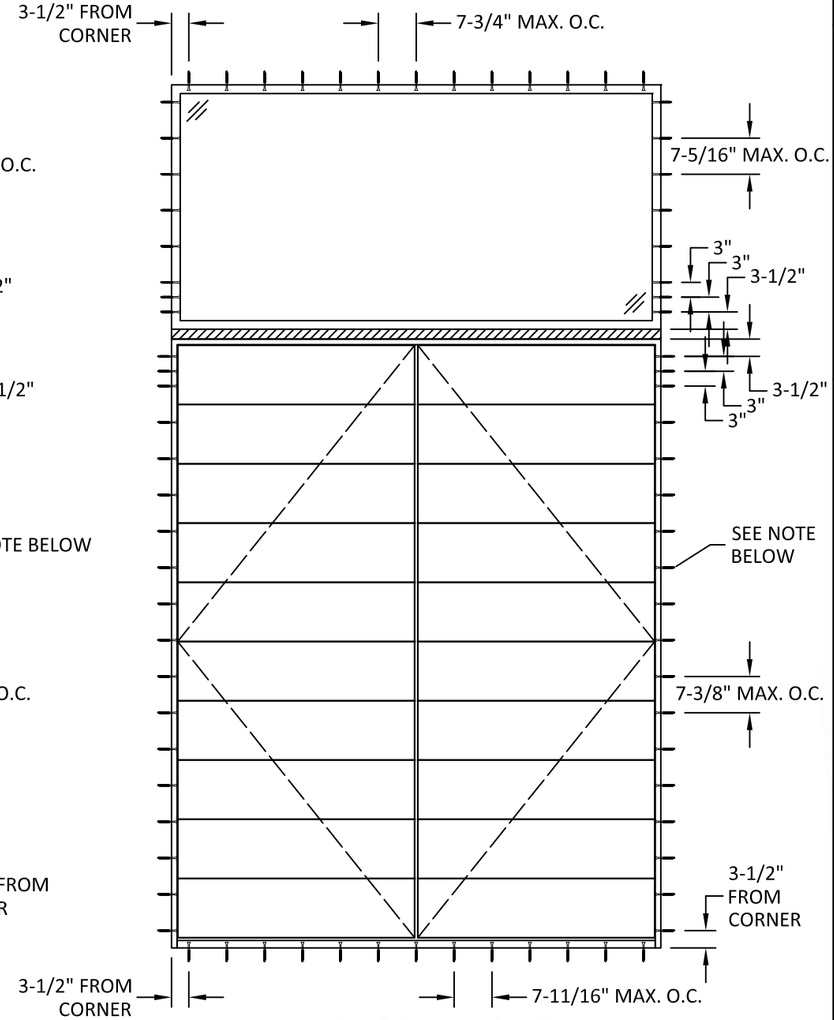
ANCHOR LAYOUT

SINGLE DOOR W/ TRANSOM
SIDELITE W/ TRANSOM SIMILAR



ANCHOR LAYOUT

DOUBLE DOOR W/ TRANSOM
W/O ALUMINUM MULLION



ANCHOR LAYOUT

DOUBLE DOOR W/ TRANSOM
W/ ALUMINUM MULLION

WHEN DOUBLE DOOR W/ TRANSOM ARE USED, ANCHORS AT THE JAMB SHALL COMPLY WITH THE SPECIFICATIONS OF ANCHORS AT HEAD AND SILL. SEE SHEET 16 FOR DETAILS.

UNIQUE
CUSTOM DOORS

2787 N AIRPORT ROAD #410
FORT MYERS, FL 33907
PH: (239) 340-1229

TITLE: OPAQUE DOORS (HVHZ) (IMPACT)
ANCHOR LAYOUTS
(DOOR W/ TRANSOM)

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

REMARKS	BY	DATE

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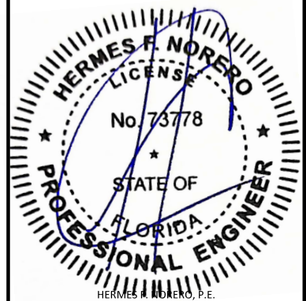

HERMES F. NORERO, P.E.
FLORIDA P.E. No 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: FL47209

DATE: 12.19.2024

DWG. BY: MS | CHK. BY: HFN

SCALE: NTS

DWG. #: UCD003

SHEET: 7 OF 16

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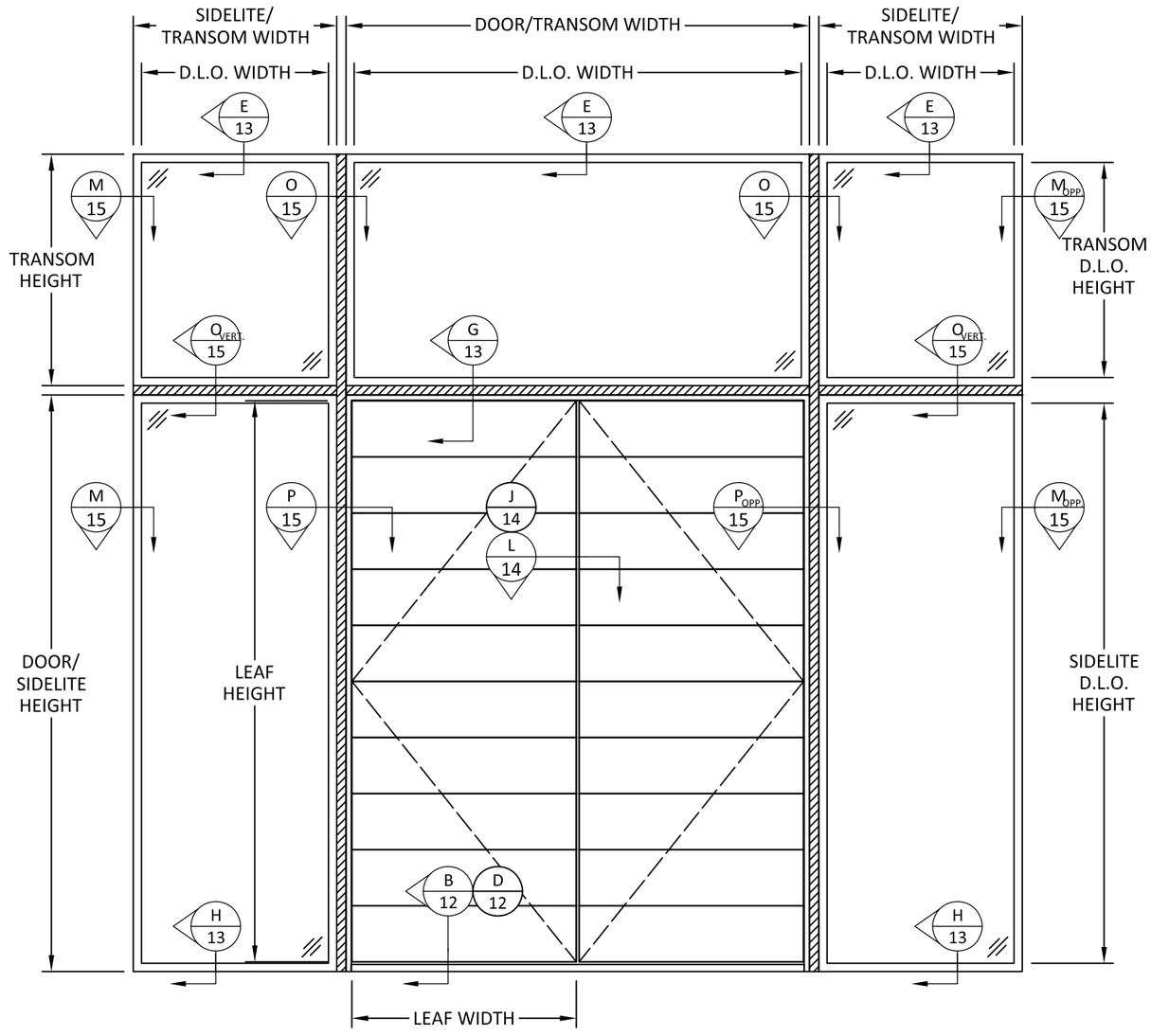
c:\users\msun\building drops, inc\building drops landing - common\projects\unique custom doors\fbc-21-0826.1 - fbc submittal - entrance is-os glazed, opaque, and flush door - hvhz\dwgs\ucd003.dwg



TYPICAL ELEVATION

DOUBLE DOOR W/ SIDELITE & TRANSOM
SINGLE DOOR SIMILAR

NOTE: FOR ALTERNATE SIDELITE/TRANSOM, SEE SEPARATE APPROVAL FOR ALTERNATE SHAPE, SIZE, FRAME DEPTH, AND GLAZING TYPE.

UNIQUE
CUSTOM DOORS

2787 N AIRPORT ROAD #410
FORT MYERS, FL 33907
PH: (239) 340-1229

TITLE:
OPAQUE DOORS (HVHZ) (IMPACT)
TYPICAL ELEVATION
(DOOR W/ SIDELITE & TRANSOM)

PREPARED BY:
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1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
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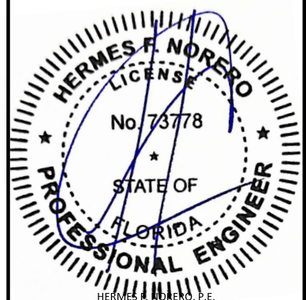

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MIAMI, FL 33132
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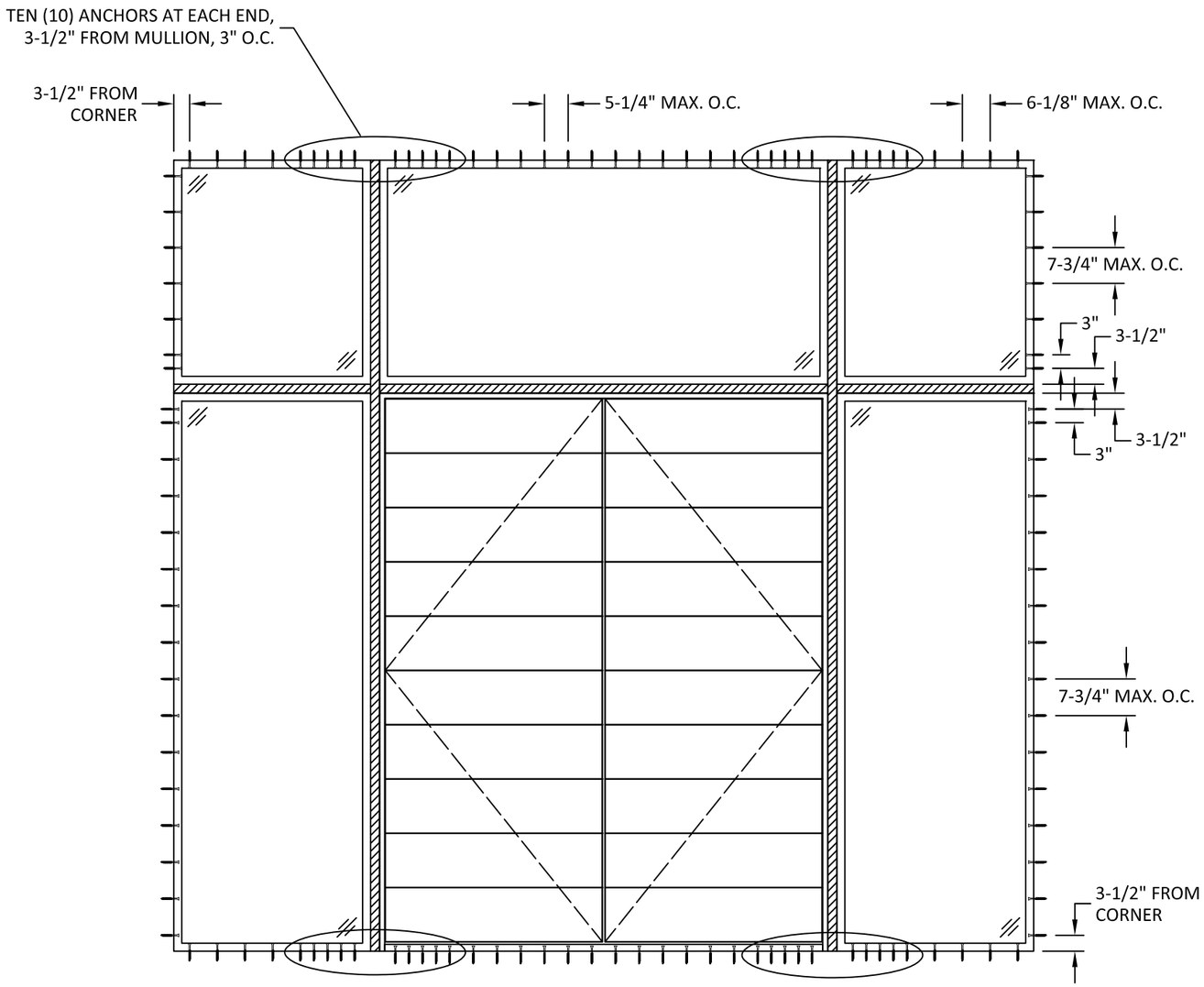

ANCHOR LAYOUT

DOUBLE DOOR W/ SIDELITE & TRANSOM
SINGLE DOOR SIMILAR

UNIQUE
CUSTOM DOORS

2787 N AIRPORT ROAD #410
FORT MYERS, FL 33907
PH: (239) 340-1229

TITLE:
OPAQUE DOORS (HVHZ) (IMPACT)
ANCHOR LAYOUT
(DOOR W/ SIDELITE & TRANSOM)

PREPARED BY:
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1900 NE MIAMI COURT, SUITE 2-15
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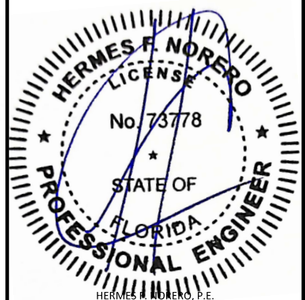

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1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
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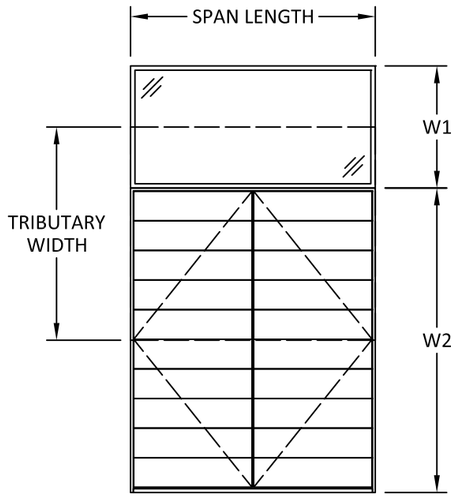

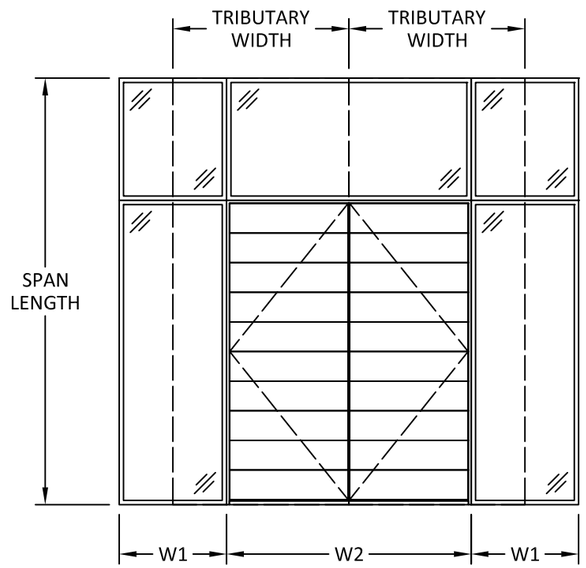

$$\text{TRIBUTARY WIDTH} = \frac{W1 + W2}{2}$$

DESIGN PRESSURE TABLE (PSF) - DOUBLE DOOR/SIDELITE WITH TRANSOM WITHOUT ALUMINUM MULLION*

SPAN LENGTH (IN.)	TRIBUTARY WIDTH (IN.)							
	48	54	60	66	72	78	84	90
48	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
54	60.00	60.00	60.00	60.00	60.00	60.00	60.00	-
60	60.00	60.00	60.00	60.00	60.00	-	-	-
66	60.00	60.00	60.00	60.00	-	-	-	-
72	60.00	60.00	60.00	-	-	-	-	-
78	60.00	60.00	-	-	-	-	-	-
84	60.00	60.00	-	-	-	-	-	-
90	60.00	-	-	-	-	-	-	-
96	60.00	-	-	-	-	-	-	-

* THE DESIGN PRESSURE OF DOOR W/ TRANSOM W/O ALUMINUM MULLION SHALL BE THE LESSER OF THE VALUES IN THIS TABLE AND THE DOOR/TRANSOM DESIGN PRESSURE TABLES.

DESIGN PRESSURE TABLE (PSF) - DOUBLE DOOR/SIDELITE WITH TRANSOM WITH ALUMINUM MULLION*

SPAN LENGTH (IN.)	TRIBUTARY WIDTH (IN.)								
	48	54	60	66	72	78	84	87	90
48	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
54	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
60	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
66	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
72	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
78	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
84	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
90	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
96	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
99	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	-
102	60.00	60.00	60.00	60.00	60.00	60.00	60.00	-	-
108	60.00	60.00	60.00	60.00	60.00	60.00	-	-	-
114	60.00	60.00	60.00	60.00	59.79	-	-	-	-
120	60.00	60.00	60.00	55.92	51.26	-	-	-	-
126	60.00	59.04	53.14	48.31	-	-	-	-	-
132	57.77	51.35	46.22	-	-	-	-	-	-
135	54.01	48.01	43.21	-	-	-	-	-	-

* THE DESIGN PRESSURE OF DOOR W/ TRANSOM W/ ALUMINUM MULLION SHALL BE THE LESSER OF THE VALUES IN THIS TABLE AND THE DOOR/TRANSOM DESIGN PRESSURE TABLES.

DESIGN PRESSURE TABLE (PSF) - SINGLE/DOUBLE DOOR WITH SIDELITE AND TRANSOM*

SPAN LENGTH (IN.)	TRIBUTARY WIDTH (IN.)											
	36	42	48	54	60	66	72	78	84	90	96	102
80	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
84	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
90	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
96	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
102	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
108	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
114	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
120	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
123.313	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
126	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	-
132	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	-	-
138	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	-	-
144	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	-	-	-
150	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	-	-	-
156	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	-	-	-	-
162	60.00	60.00	60.00	60.00	60.00	60.00	60.00	-	-	-	-	-
168	60.00	60.00	60.00	60.00	60.00	60.00	60.00	-	-	-	-	-
174	60.00	60.00	60.00	60.00	60.00	60.00	60.00	-	-	-	-	-

* THE DESIGN PRESSURE OF DOOR W/ SIDELITE & TRANSOM SHALL BE THE LESSER OF THE VALUES IN THIS TABLE AND THE DOOR/TRANSOM DESIGN PRESSURE TABLES.

UNIQUE CUSTOM DOORS

2787 N AIRPORT ROAD #410
FORT MYERS, FL 33907
PH: (239) 340-1229

TITLE: OPAQUE DOORS (HVHZ) (IMPACT)
DP TABLES (DOOR W/ TRANSOM/ SIDELITE & TRANSOM)

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

REMARKS	BY	DATE

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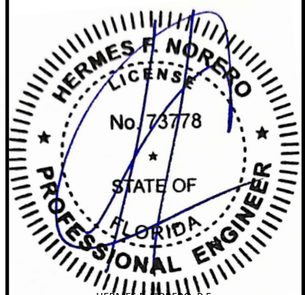

HERMES F. NORERO, P.E.
FLORIDA P.E. No 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: FL47209

DATE: 12.19.2024

DWG. BY: MS | CHK. BY: HFN

SCALE: NTS

DWG. #: UCD003

SHEET: 10 OF 16

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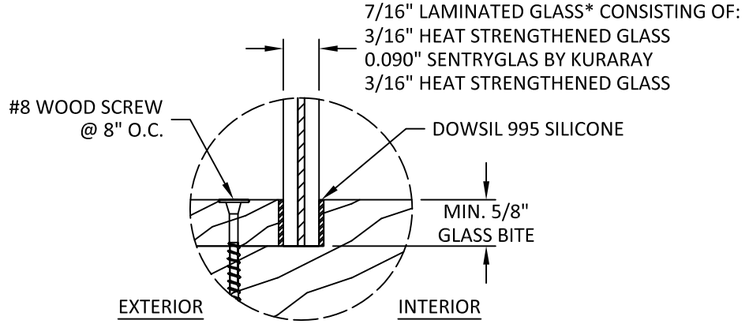
NOTE: SEE MANUFACTURER'S INSTRUCTION FOR
ALTERNATE DOOR LEAF CONFIGURATIONS & DESIGNS.

QUALIFIED HARDWARE		
TYPE	MATERIAL	MANUFACTURER
TUBULAR LOCK	BRASS	EMTEK, BALDWIN
MORTISE LOCK	BRASS	EMTEK, BALDWIN
3-PT MULTIPOINT LOCK	BRASS	HOPPE
3-PT MULTIPOINT DEADBOLT LOCK	BRASS	HOPPE
5-PT MULTIPOINT LOCK	BRASS	HOPPE
5-PT MULTIPOINT DEADBOLT LOCK	BRASS	HOPPE
5X5 NRP HINGE	BRASS	EMTEK, BALDWIN, DELTANA
FLUSH BOLT	BRASS/STEEL	EMTEK, DELTANA, ASSA-ABLOY
SURFACE BOLT	BRASS	EMTEK, DELTANA



GLAZING DETAIL
SIDELITE/TRANSOM

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

* FOR 9/16" THICK GLASS OPTION OR TEMPERED GLASS OPTION ON SIDELITE/TRANSOM, SEE SEPARATE APPROVAL FOR DETAILS.

UNIQUE
CUSTOM DOORS

2787 N AIRPORT ROAD #410
FORT MYERS, FL 33907
PH: (239) 340-1229

TITLE: OPAQUE DOORS (HVHZ) (IMPACT)
QUALIFIED HARDWARE & GLAZING DETAIL

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
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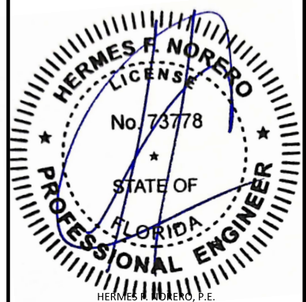

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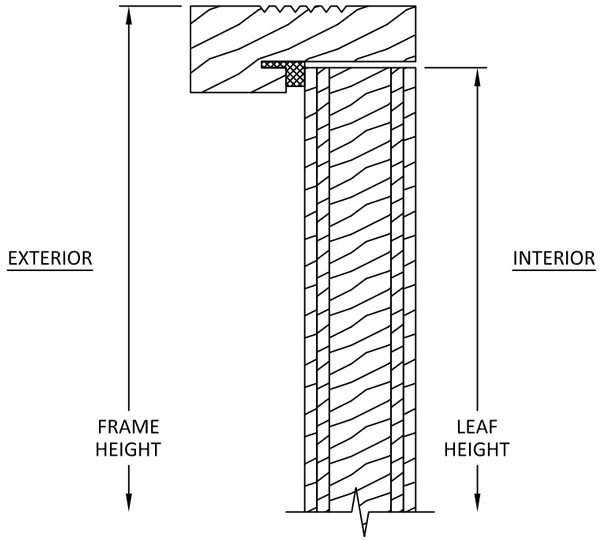
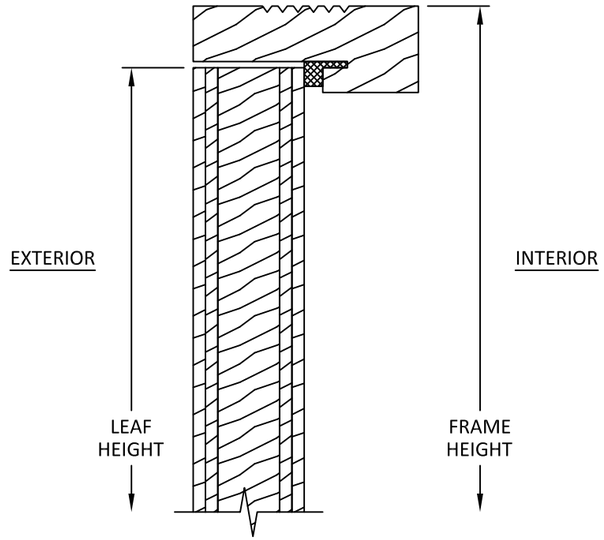
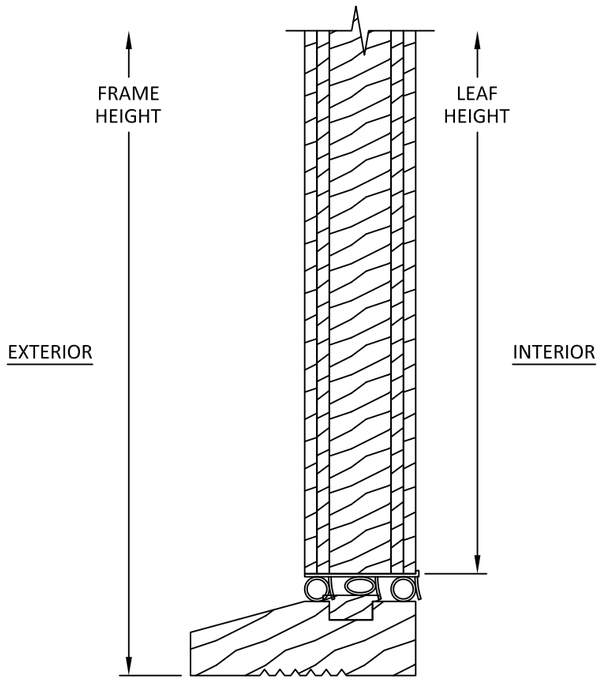


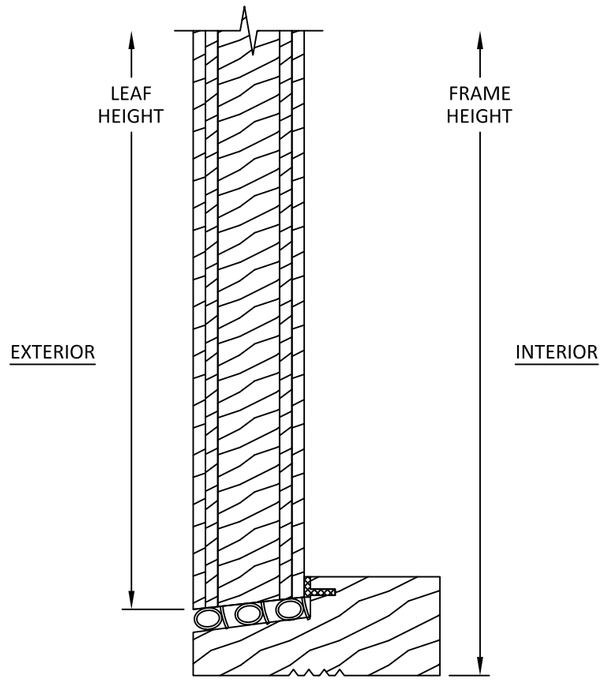
A/12 VERTICAL SECTION
INSWING DOOR HEAD



C/12 VERTICAL SECTION
OUTSWING DOOR HEAD



B/12 VERTICAL SECTION
INSWING DOOR SILL



D/12 VERTICAL SECTION
OUTSWING DOOR SILL

UNIQUE CUSTOM DOORS

2787 N AIRPORT ROAD #410
FORT MYERS, FL 33907
PH: (239) 340-1229

TITLE: OPAQUE DOORS (HVHZ) (IMPACT)
VERTICAL SECTIONS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
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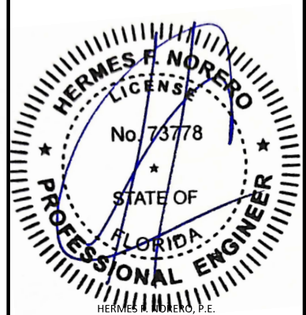

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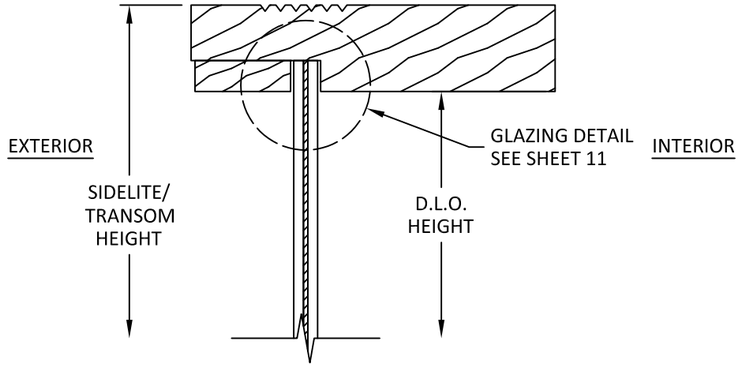
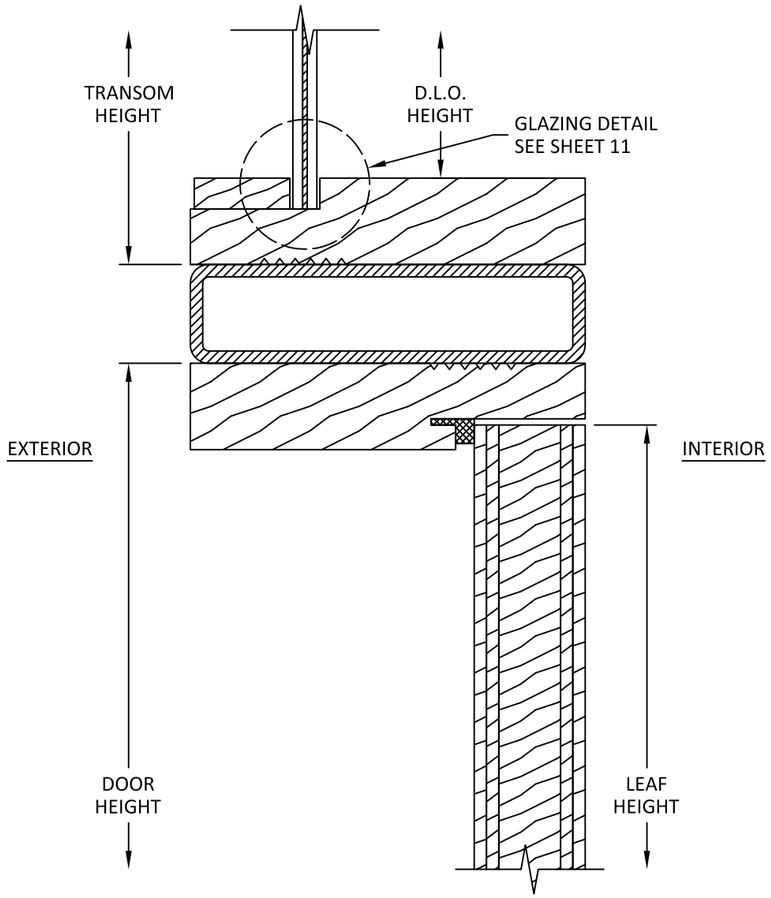


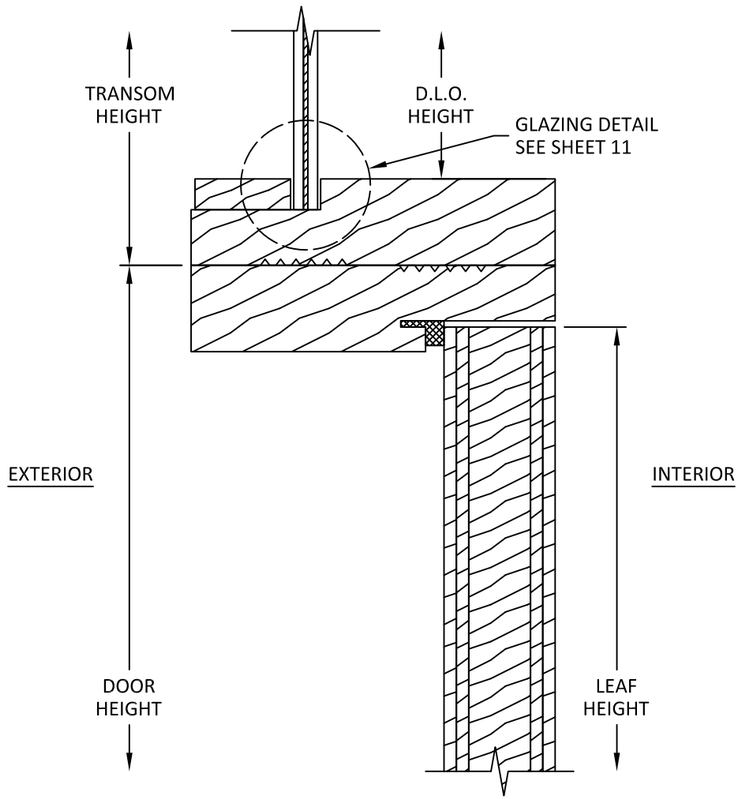
E/13 VERTICAL SECTION

SIDELITE/TRANSOM HEAD



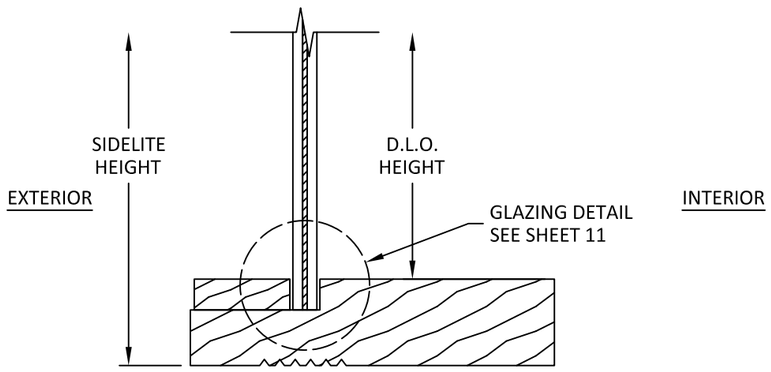
G/13 VERTICAL SECTION

TRANSOM TO DOOR W/ ALUM. MULLION
INSWING SHOWN, OUTSWING SIMILAR



F/13 VERTICAL SECTION

TRANSOM TO DOOR
INSWING SHOWN, OUTSWING SIMILAR
TRANSOM TO SIDELITE SIMILAR



H/13 VERTICAL SECTION

SIDELITE SILL

UNIQUE
CUSTOM DOORS

2787 N AIRPORT ROAD #410
FORT MYERS, FL 33907
PH: (239) 340-1229

TITLE: OPAQUE DOORS (HVHZ) (IMPACT)
VERTICAL SECTIONS

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

REMARKS	BY	DATE

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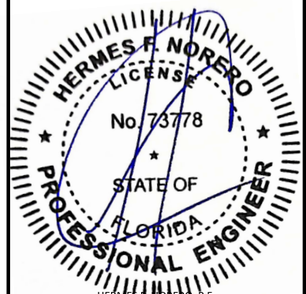

HERMES F. NORERO, P.E.
FLORIDA P.E. No 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: FL47209

DATE: 12.19.2024

DWG. BY: MS | CHK. BY: HFN

SCALE: NTS

DWG. #: UCD003

SHEET: 13 OF 16

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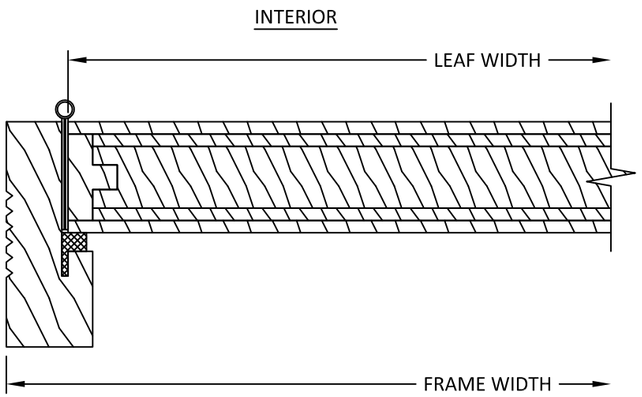
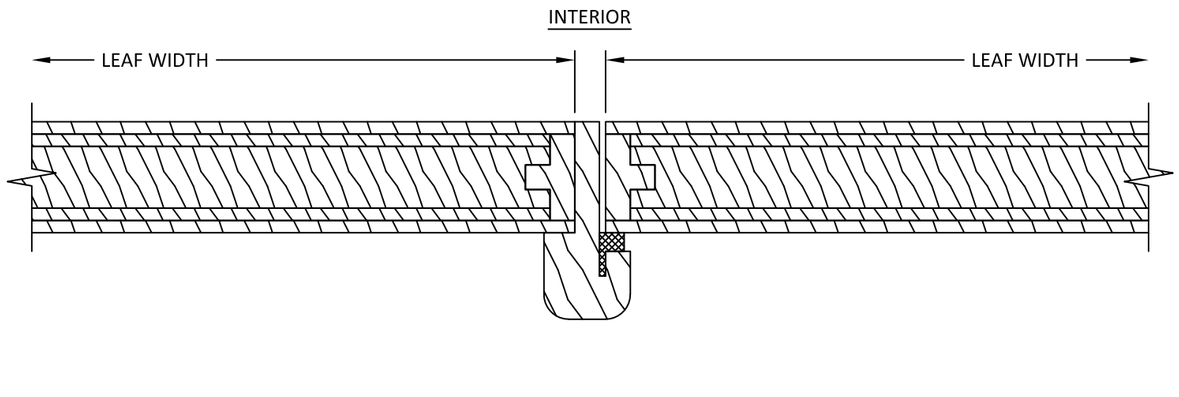


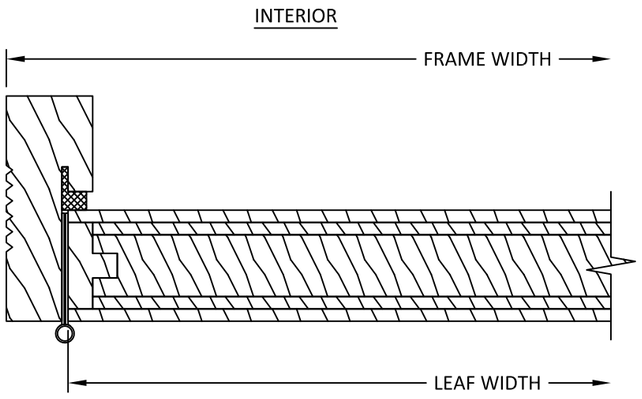
I/15 HORIZONTAL SECTION

INSWING DOOR JAMB



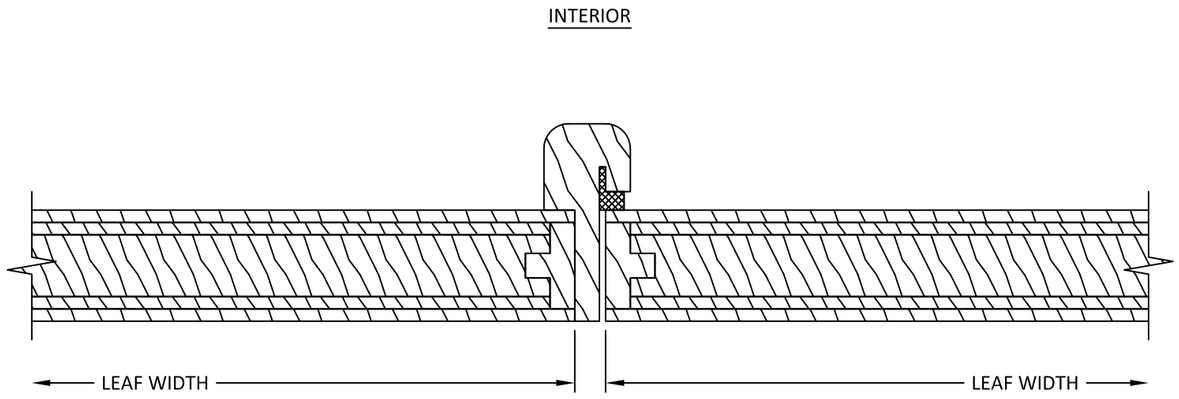
J/15 HORIZONTAL SECTION

INSWING DOOR ASTRAGAL



K/15 HORIZONTAL SECTION

OUTSWING DOOR JAMB



L/15 HORIZONTAL SECTION

OUTSWING DOOR ASTRAGAL

UNIQUE
CUSTOM DOORS

2787 N AIRPORT ROAD #410
FORT MYERS, FL 33907
PH: (239) 340-1229

TITLE: OPAQUE DOORS (HVHZ) (IMPACT)

HORIZONTAL SECTIONS

PREPARED BY:
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MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE

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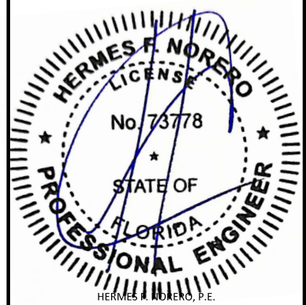

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MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: FL47209

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DWG. BY: MS | CHK. BY: HFN

SCALE: NTS

DWG. #: UCD003

SHEET: 14 OF 16

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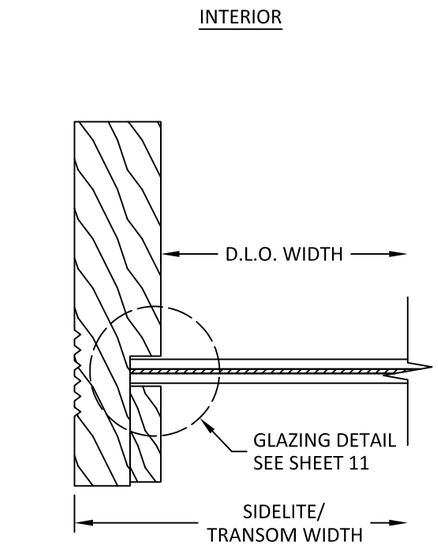
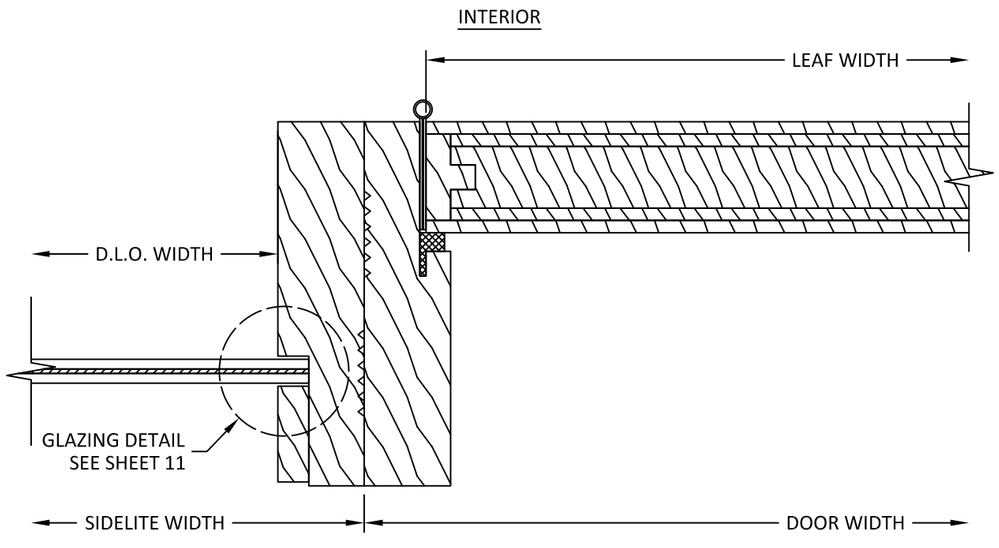


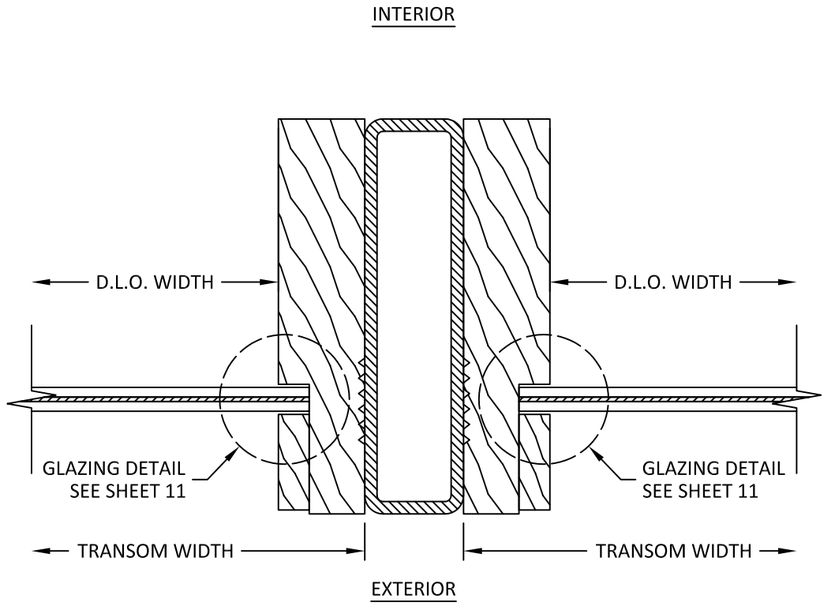
M/15 HORIZONTAL SECTION

SIDELITE/TRANSOM JAMB



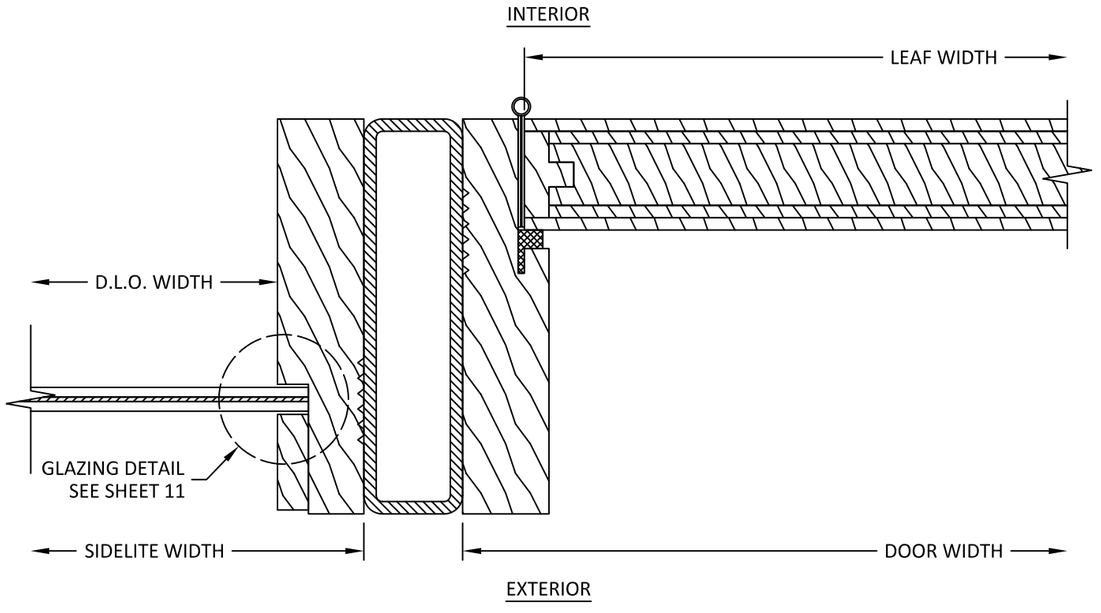
N/15 HORIZONTAL SECTION

SIDELITE TO DOOR
INSWING SHOWN, OUTSWING SIMILAR



O/15 HORIZONTAL SECTION

TRANSOM TO TRANSOM
(SIDELITE TO TRANSOM W/ ALUM. MULLION)



P/15 HORIZONTAL SECTION

SIDELITE TO DOOR W/ ALUM. MULLION
INSWING SHOWN, OUTSWING SIMILAR

UNIQUE
CUSTOM DOORS

2787 N AIRPORT ROAD #410
FORT MYERS, FL 33907
PH: (239) 340-1229

TITLE: OPAQUE DOORS (HVHZ) (IMPACT)
HORIZONTAL SECTIONS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
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BUILDING DROPS

REMARKS	BY	DATE

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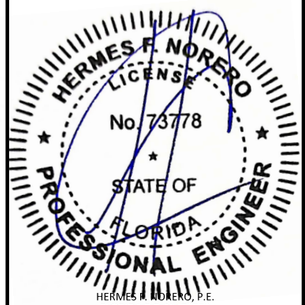

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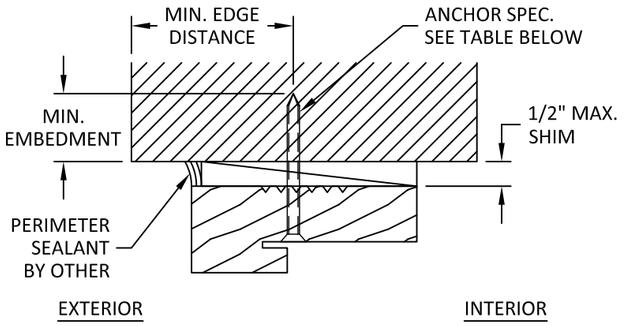
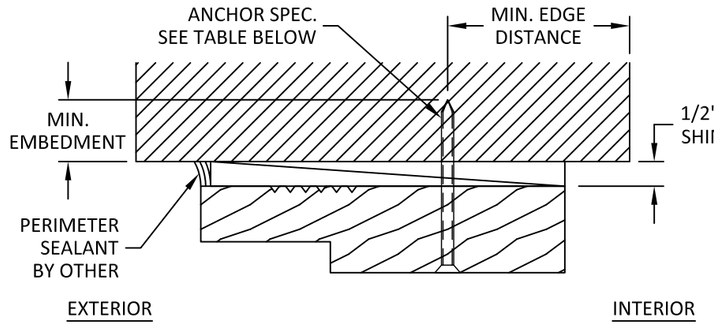


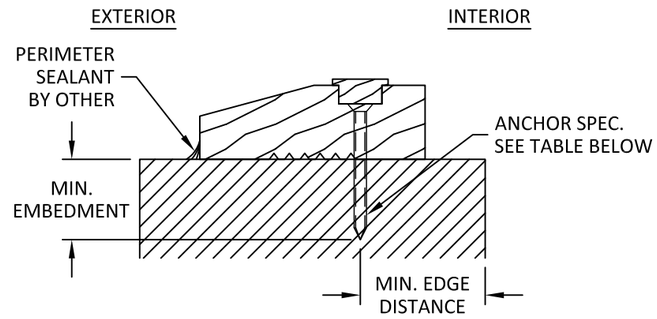
Q 16 **INSTALLATION DETAIL**

DOOR HEAD
HEAD SHOWN, JAMB SIMILAR
INSWING SHOWN, OUTSWING SIMILAR



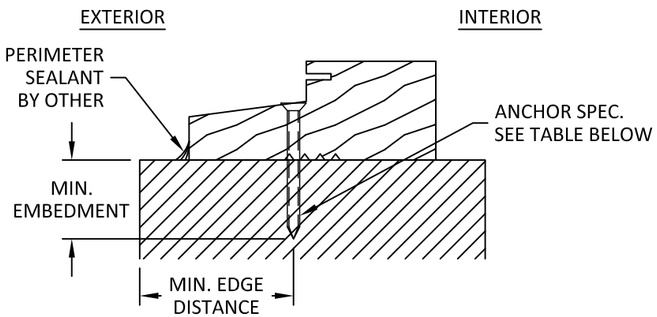
R 16 **INSTALLATION DETAIL**

SIDELITE/TRANSOM HEAD
HEAD SHOWN, JAMB & SILL SIMILAR



S 16 **INSTALLATION DETAIL**

INSWING DOOR SILL



T 16 **INSTALLATION DETAIL**

OUTSWING DOOR SILL

ANCHOR SCHEDULE				
LOCATION	SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
HEAD/ SILL/ JAMB*	WOOD: MIN. S.G. = 0.55	#14 WOOD SCREW	1-1/2"	1"
	STEEL: MIN. 18 GA. MIN. Fy = 33 ksi	1/4" GRADE 5 SELF-DRILLING/ SELF-TAPPING SCREW	3 THREADS MIN PENETRATION BEYOND METAL	1/2"
	ALUMINUM: MIN. 1/8" THICK MIN. 6063-T5			
	CONCRETE: MIN. f'c = 3000 psi	1/4" ITW TAPCON	1-1/2"	1-1/2"
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI		1"	2"
JAMB	WOOD: MIN. S.G. = 0.55	#10 WOOD SCREW	1-1/2"	1"
	STEEL: MIN. 18 GA. MIN. Fy = 33 ksi	#10 GRADE 5 SELF-DRILLING/ SELF-TAPPING SCREW	3 THREADS MIN PENETRATION BEYOND METAL	1/2"
	ALUMINUM: MIN. 1/8" THICK MIN. 6063-T5			
	CONCRETE: MIN. f'c = 3000 psi	3/16" ITW TAPCON	1"	1-1/8"
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI		1"	2"

* WHEN DOUBLE DOOR W/ TRANSOM ARE USED, ANCHORS AT JAMBS SHALL COMPLY WITH THE SPECIFICATIONS OF ANCHORS AT HEAD AND SILL.

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION.
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 ±1/4 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 WOOD 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.

UNIQUE CUSTOM DOORS
2787 N AIRPORT ROAD #410
FORT MYERS, FL 33907
PH: (239) 340-1229

TITLE: OPAQUE DOORS (HVHZ) (IMPACT) — INSTALLATION DETAILS & NOTES

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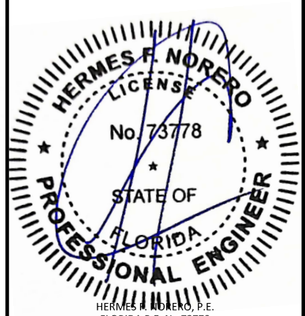

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