

c:\Users\julianarodriguez\building drops, inc\building drops landing - documents\common\projects\reilly architectural\fb-17-0718 - fbc submittal - fbc, cs, swing, sgd & fcd\dwgs\casement window\wz3\wzd019.dwg 8/19/2025 8:31 AM

REILLY ARCHITECTURAL

W75 INSWING & OUTSWING CASEMENT WINDOW

(WZ3)(IMPACT)

GENERAL NOTES:

1.

THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC), **EXCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - ASTM E1886-13a
 - ASTM E1996-14a
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
 - AAMA/WDMA/CSA 101/I.S.2/A440-11/17
2.

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.
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** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONE 3 OR LESS.
7.

APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONE 4.
8.

WINDOW FRAME MATERIAL: BRONZE, GALVANIZED STEEL, COR-TEN STEEL, OR STAINLESS STEEL.
9.

GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEETS 2-3 FOR GLAZING DETAILS.

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DESIGN PRESSURE RATING (PSF)			
WIDTH (IN.)	HEIGHT (IN.)	DESIGN PRESSURE	MISSILE IMPACT RATING
SEE SHEETS 4-7		SEE SHEETS 4-7	LARGE & SMALL MISSILE IMPACT

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TITLE: W75 INSWING & OUTSWING CASEMENT WINDOW (WZ3) (IMPACT)

GENERAL NOTES

PREPARED BY:

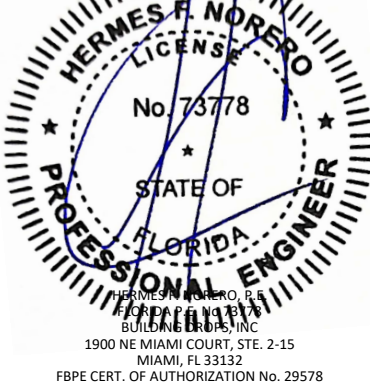
BUILDING DROPS, INC.

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

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2025.08.20 12:11:08 -0400'



FL #:

FL47694

DATE: 05.21.2025

DWG. BY: JR

CHK. BY: HFN

SCALE: NTS

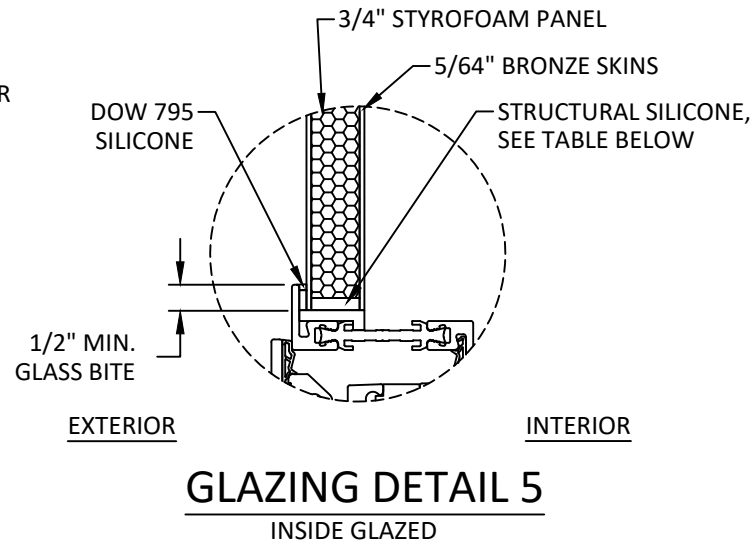
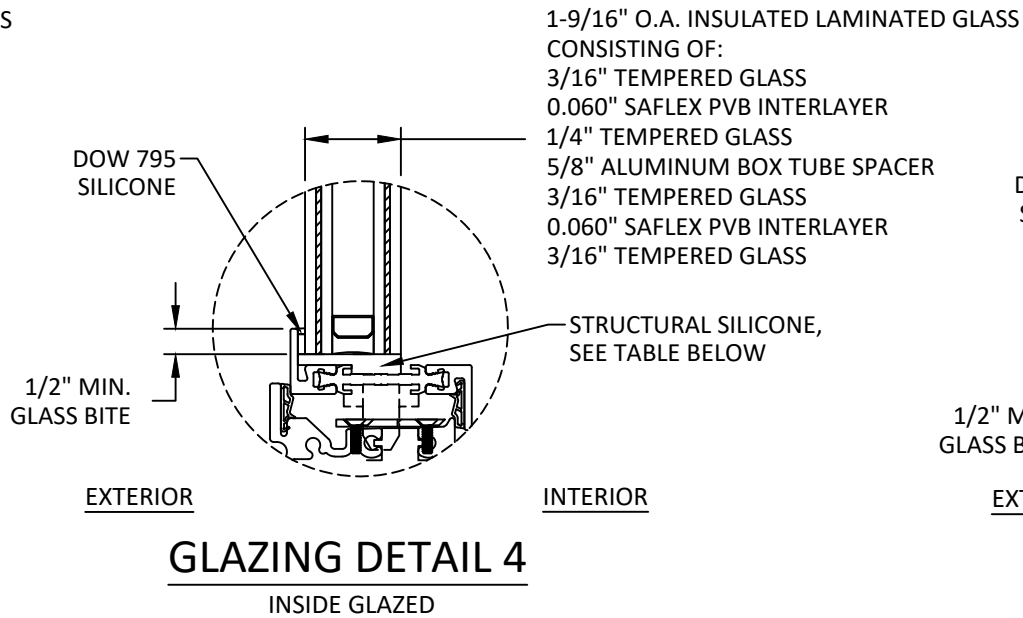
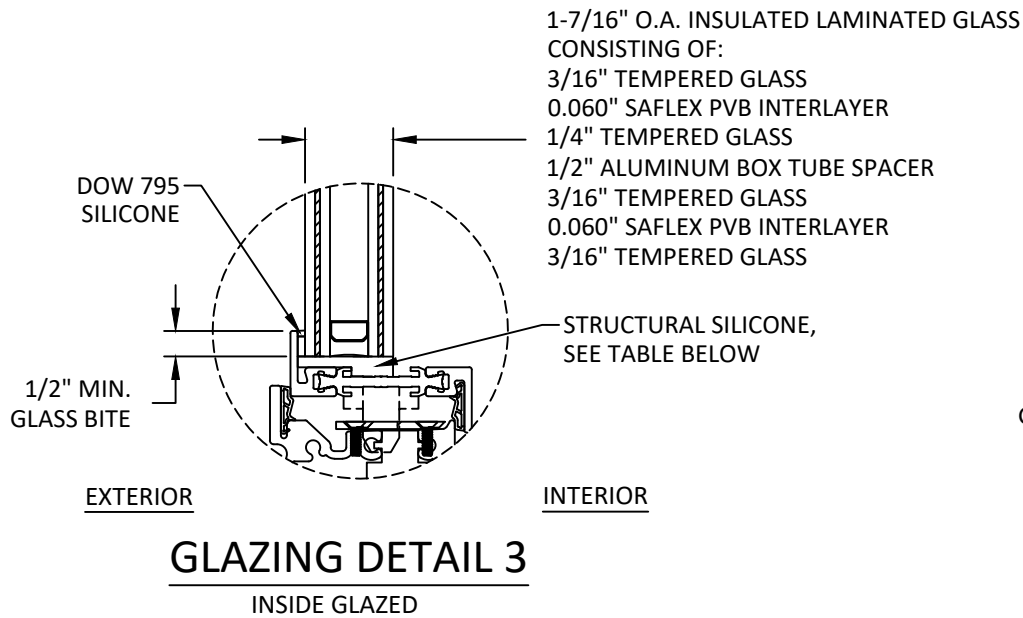
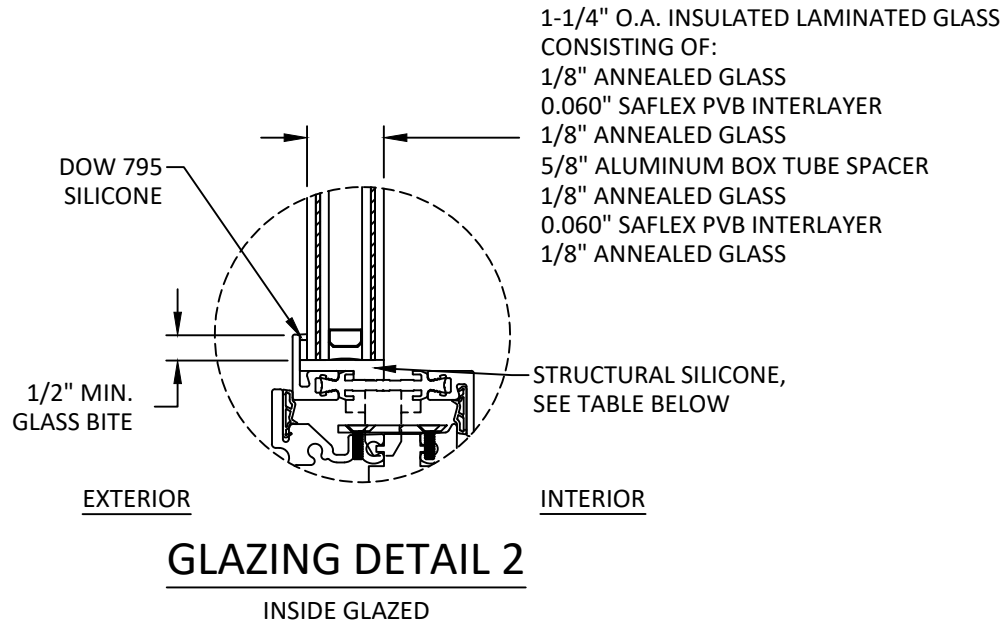
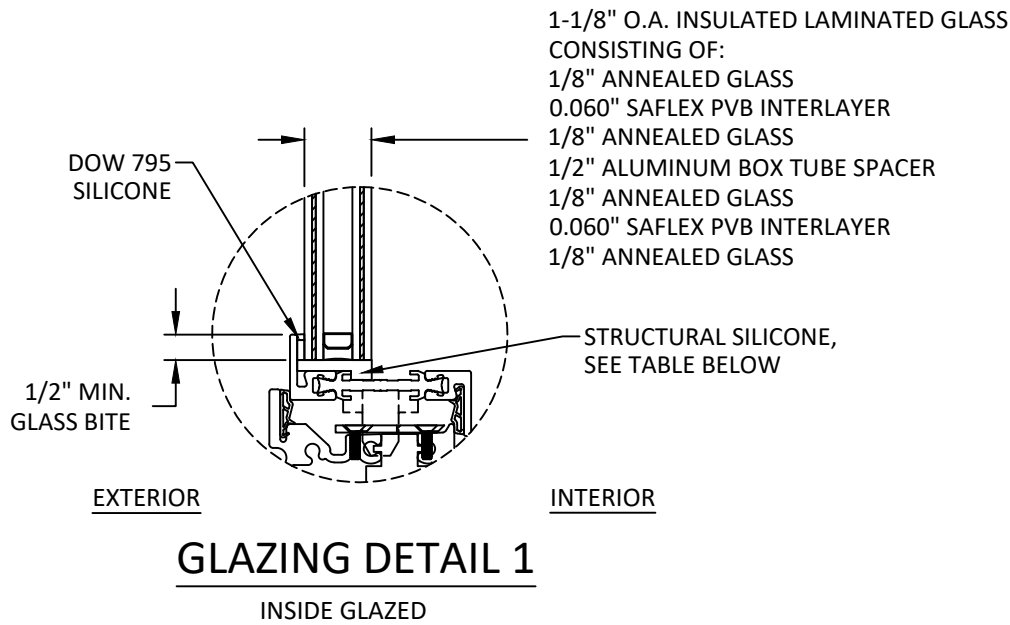
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SHEET:

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QUALIFIED SILICONE OPTIONS
DOW 995
DOW 121
SIKA SG-20

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.
- PRODUCT TESTED WITHOUT GLAZING BEAD.

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CASEMENT WINDOW
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GLAZING DETAILS

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DWG. BY:
JR

CHK. BY:
HFN

SCALE: **NTS**

DWG. #: **RWD019**

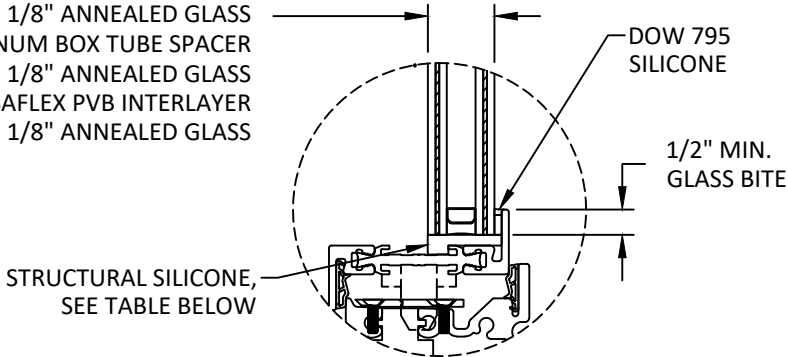
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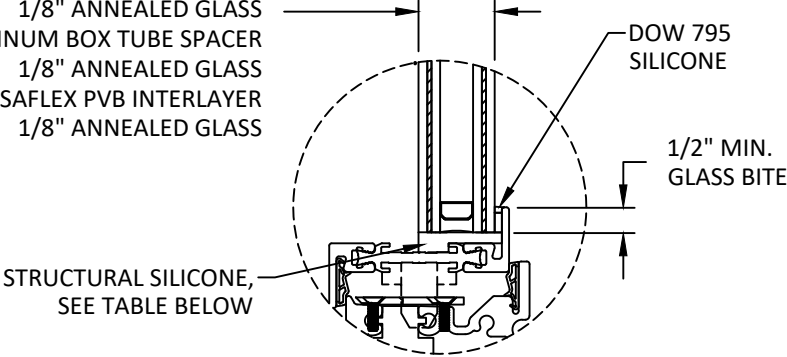
1-1/8" O.A. INSULATED LAMINATED GLASS
CONSISTING OF:
1/8" ANNEALED GLASS
0.060" SAFLEX PVB INTERLAYER
1/8" ANNEALED GLASS
1/2" ALUMINUM BOX TUBE SPACER
1/8" ANNEALED GLASS
0.060" SAFLEX PVB INTERLAYER
1/8" ANNEALED GLASS



EXTERIOR INTERIOR

GLAZING DETAIL 6
OUTSIDE GLAZED

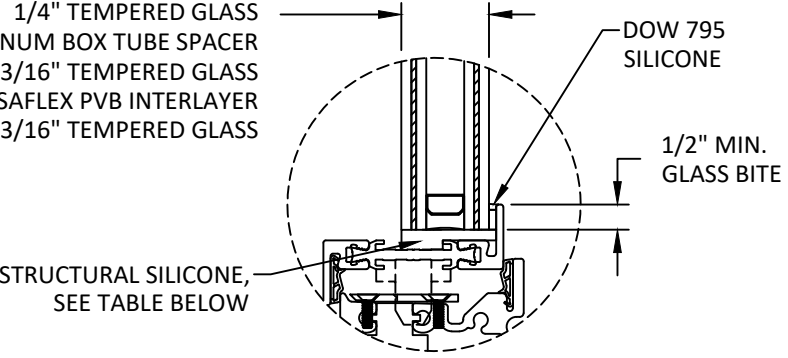
1-1/4" O.A. INSULATED LAMINATED GLASS
CONSISTING OF:
1/8" ANNEALED GLASS
0.060" SAFLEX PVB INTERLAYER
1/8" ANNEALED GLASS
5/8" ALUMINUM BOX TUBE SPACER
1/8" ANNEALED GLASS
0.060" SAFLEX PVB INTERLAYER
1/8" ANNEALED GLASS



EXTERIOR INTERIOR

GLAZING DETAIL 7
OUTSIDE GLAZED

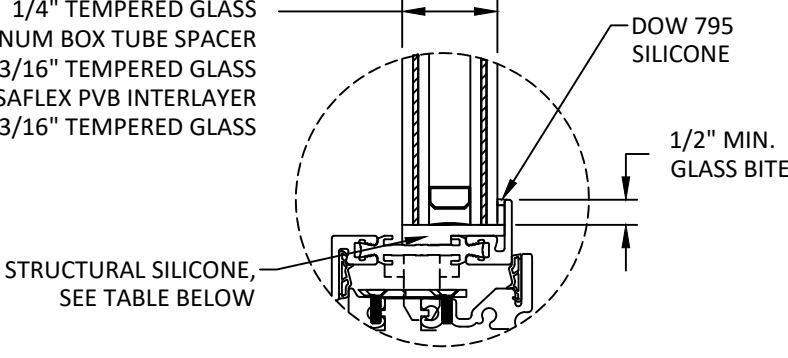
1-7/16" O.A. INSULATED LAMINATED GLASS
CONSISTING OF:
3/16" TEMPERED GLASS
0.060" SAFLEX PVB INTERLAYER
1/4" TEMPERED GLASS
1/2" ALUMINUM BOX TUBE SPACER
3/16" TEMPERED GLASS
0.060" SAFLEX PVB INTERLAYER
3/16" TEMPERED GLASS



EXTERIOR INTERIOR

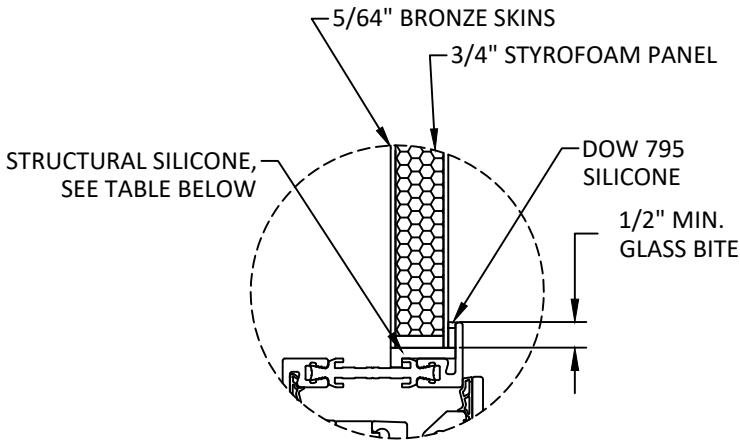
GLAZING DETAIL 8
OUTSIDE GLAZED

1-9/16" O.A. INSULATED LAMINATED GLASS
CONSISTING OF:
3/16" TEMPERED GLASS
0.060" SAFLEX PVB INTERLAYER
1/4" TEMPERED GLASS
5/8" ALUMINUM BOX TUBE SPACER
3/16" TEMPERED GLASS
0.060" SAFLEX PVB INTERLAYER
3/16" TEMPERED GLASS



EXTERIOR INTERIOR

GLAZING DETAIL 9
OUTSIDE GLAZED



EXTERIOR INTERIOR

GLAZING DETAIL 10
OUTSIDE GLAZED

QUALIFIED SILICONE OPTIONS
DOW 995
DOW 121
SIKA SG-20

- GLAZING NOTES:
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TITLE: W75 INSWING & OUTSWING
CASEMENT WINDOW
(WZ3) (IMPACT)

GLAZING DETAILS

PREPARED BY: BUILDING DROPS, INC.

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DATE: **05.21.2025**

DWG. BY: **JR** CHK. BY: **HFN**

SCALE: **NTS**

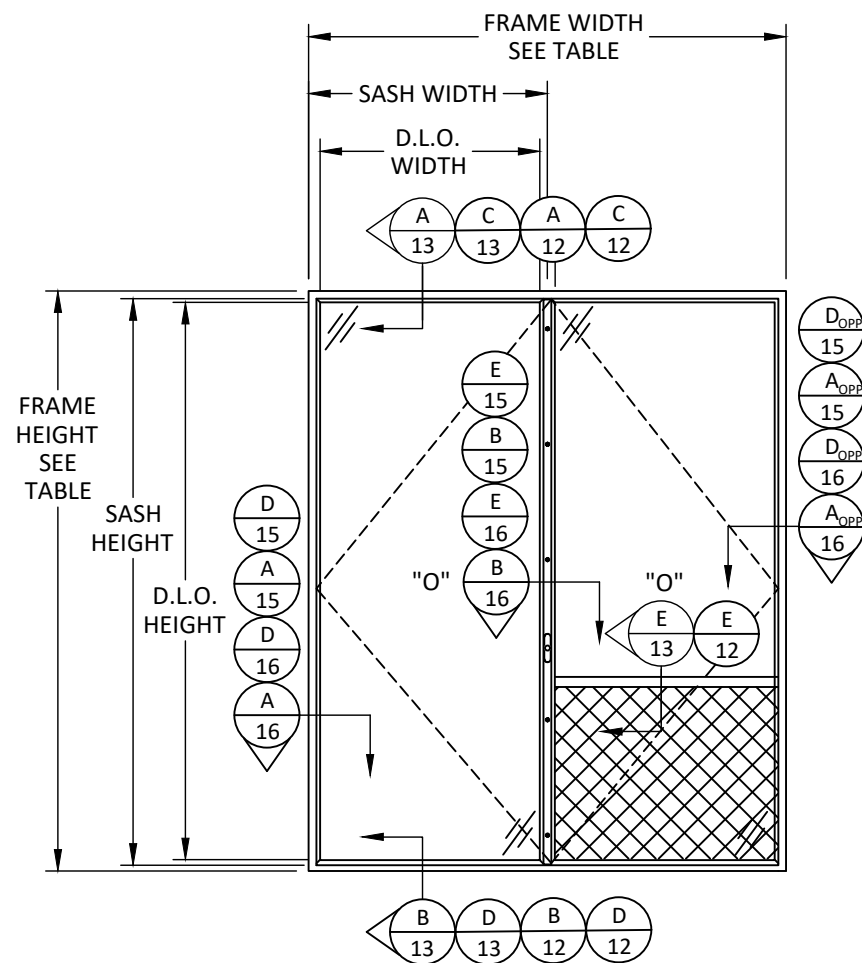
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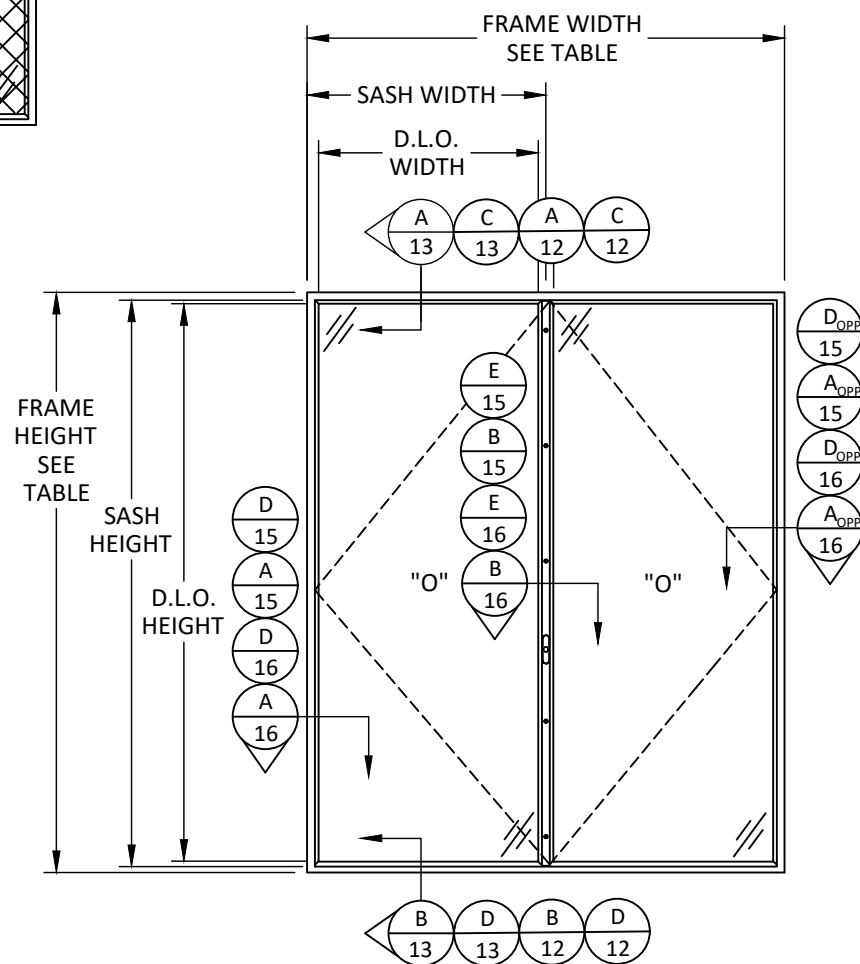


ELEVATION

W75 INSWING & OUTSWING FRENCH
CASEMENT WINDOW - WITH MIDRAIL

W75 INSWING & OUTSWING FRENCH
CASEMENT WINDOW SIZE NOTES (WITH
AND WITHOUT MIDRAIL):
D.L.O. WIDTH = FRAME WIDTH/2 - 3.78"
D.L.O. HEIGHT = FRAME HEIGHT - 5.55"

SASH WIDTH = FRAME WIDTH/2 - 0.47"
SASH HEIGHT = FRAME HEIGHT - 2.25"



ELEVATION

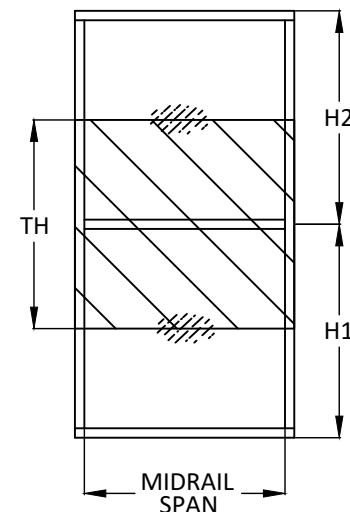
W75 INSWING & OUTSWING FRENCH
CASEMENT WINDOW

W75 FRENCH CASEMENT DESIGN PRESSURE TABLE

DESIGN PRESSURE CHART (PSF)			
FRAME WIDTH (IN.)	FRAME HEIGHT (IN.)	EXT. (+)	INT. (-)
60	60	60.00	60.00
72		60.00	60.00
78		60.00	60.00
90		52.49	52.49
102		46.32	46.32
114	66	41.44	41.44
60		60.00	60.00
72		60.00	60.00
78		60.00	60.00
90		52.49	52.49
102	72	46.32	46.32
60		60.00	60.00
72		60.00	60.00
78		60.00	60.00
90		52.49	52.49
102	78	46.32	46.32
60		60.00	60.00
72		60.00	60.00
78		60.00	60.00
90		52.49	52.49
102	84	46.32	46.32
60		60.00	60.00
72		60.00	60.00
78		60.00	60.00
90		52.49	52.49
102	90	46.32	46.32
60		60.00	60.00
72		60.00	60.00
78		60.00	60.00
90		52.49	52.49
102	96	46.32	46.32
60		60.00	60.00
72		60.00	60.00
78		60.00	60.00
90		52.49	52.49
102	102	46.32	46.32
60		60.00	60.00
72		60.00	60.00
78		60.00	60.00
90		52.49	52.49
102	108	46.32	46.32
60		60.00	60.00
72		60.00	60.00
78		60.00	60.00
90		52.49	52.49
102	114	46.32	46.32
60		60.00	60.00
72		60.00	60.00
78		60.00	60.00
90		52.49	52.49
102	120	46.32	46.32
60		60.00	60.00
72		60.00	60.00
78		60.00	60.00
90		52.49	52.49
102	126	46.32	46.32
60		60.00	60.00
72		60.00	60.00
78		60.00	60.00
90		52.49	52.49
102	132	46.32	46.32
60		60.00	60.00
72		60.00	60.00
78		60.00	60.00
90		52.49	52.49

MIDRAIL DESIGN PRESSURE TABLE

DESIGN PRESSURE CHART (PSF)			
TRIBUTARY HEIGHT (IN.)	MIDRAIL SPAN (IN.)	EXT. (+)	INT. (-)
30	18	60.00	60.00
47		60.00	60.00
96		60.00	60.00
30	21	60.00	60.00
47		60.00	60.00
78		60.00	60.00
30	24	60.00	60.00
47		60.00	60.00
72		60.00	60.00
30	27	60.00	60.00
47		60.00	60.00
60		60.00	60.00
30	30	60.00	60.00
47		60.00	60.00
54		60.00	60.00
30	33	60.00	60.00
47		60.00	60.00
60		60.00	60.00
30	37	60.00	60.00
47		60.00	60.00
30	39	52.03	52.03
42		48.61	48.61
30	43	37.03	37.03
36		34.01	34.01
30	45	31.71	31.71
36		28.85	28.85
30	49	23.83	23.83
30	51	20.87	20.87



$$\text{TRIBUTARY HEIGHT (TH)} = \frac{H1 + H2}{2}$$

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CASEMENT WINDOW
(WZ3) (IMPACT)

ELEVATION & DESIGN
PRESSURE TABLE

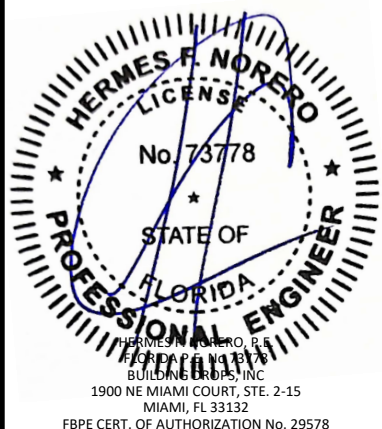
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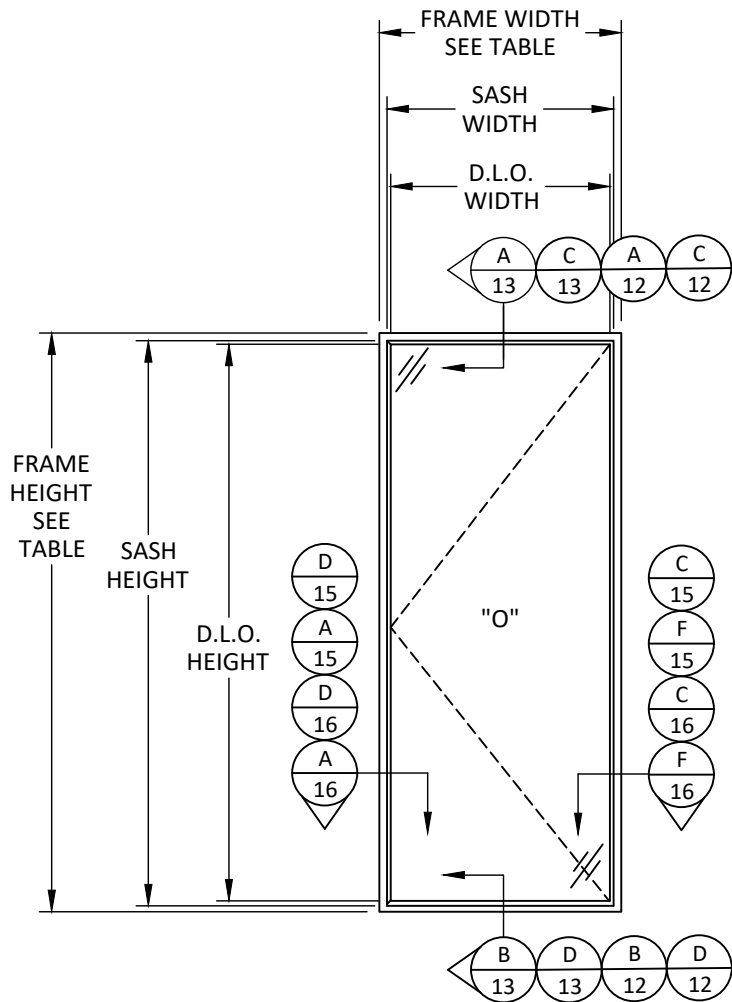
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ELEVATION
W75 INSWING & OUTSWING SINGLE
CASEMENT WINDOW

W75 INSWING & OUTSWING SINGLE
CASEMENT WINDOW SIZE NOTES:
D.L.O. WIDTH = FRAME WIDTH - 3.78"
D.L.O. HEIGHT = FRAME HEIGHT - 5.55"

SASH WIDTH = FRAME WIDTH - 0.47"
SASH HEIGHT = FRAME HEIGHT - 2.25"

W75 SINGLE CASEMENT
DESIGN PRESSURE TABLE

DESIGN PRESSURE CHART (PSF)			
FRAME WIDTH (IN.)	FRAME HEIGHT (IN.)	EXT. (+)	INT. (-)
30	60	60.00	60.00
36		60.00	60.00
39		60.00	60.00
45		52.49	52.49
51		46.32	46.32
57		41.44	41.44
30	66	60.00	60.00
36		60.00	60.00
39		60.00	60.00
45		52.49	52.49
51		46.32	46.32
57		41.44	41.44
30	72	60.00	60.00
36		60.00	60.00
39		60.00	60.00
45		52.49	52.49
51		46.32	46.32
57		41.44	41.44
30	78	60.00	60.00
36		60.00	60.00
39		60.00	60.00
45		52.49	52.49
51		46.32	46.32
57		41.44	41.44
30	84	60.00	60.00
36		60.00	60.00
39		60.00	60.00
45		52.49	52.49
51		46.32	46.32
57		41.44	41.44
30	90	60.00	60.00
36		60.00	60.00
39		60.00	60.00
45		52.49	52.49
51		46.32	46.32
57		41.44	41.44
30	96	60.00	60.00
36		60.00	60.00
39		60.00	60.00
45		52.49	52.49
51		46.32	46.32
57		41.44	41.44
30	102	60.00	60.00
36		60.00	60.00
39		60.00	60.00
45		52.49	52.49
51		46.32	46.32
57		41.44	41.44
30	108	60.00	60.00
36		60.00	60.00
39		60.00	60.00
45		52.49	52.49
51		46.32	46.32
57		41.44	41.44
30	114	60.00	60.00
36		60.00	60.00
39		60.00	60.00
45		52.49	52.49
51		46.32	46.32
57		41.44	41.44
30	120	60.00	60.00
36		60.00	60.00
39		60.00	60.00
45		52.49	52.49
51		46.32	46.32
57		41.44	41.44
30	126	60.00	60.00
36		60.00	60.00
39		60.00	60.00
45		52.49	52.49
51		46.32	46.32
57		41.44	41.44
30	132	60.00	60.00
36		60.00	60.00
39		60.00	60.00
45		52.49	52.49
51		46.32	46.32
57		41.44	41.44

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CASEMENT WINDOW
(WZ3) (IMPACT)

ELEVATION & DESIGN
PRESSURE TABLE

PREPARED BY:

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JR

CHK. BY:
HFN

SCALE: NTS

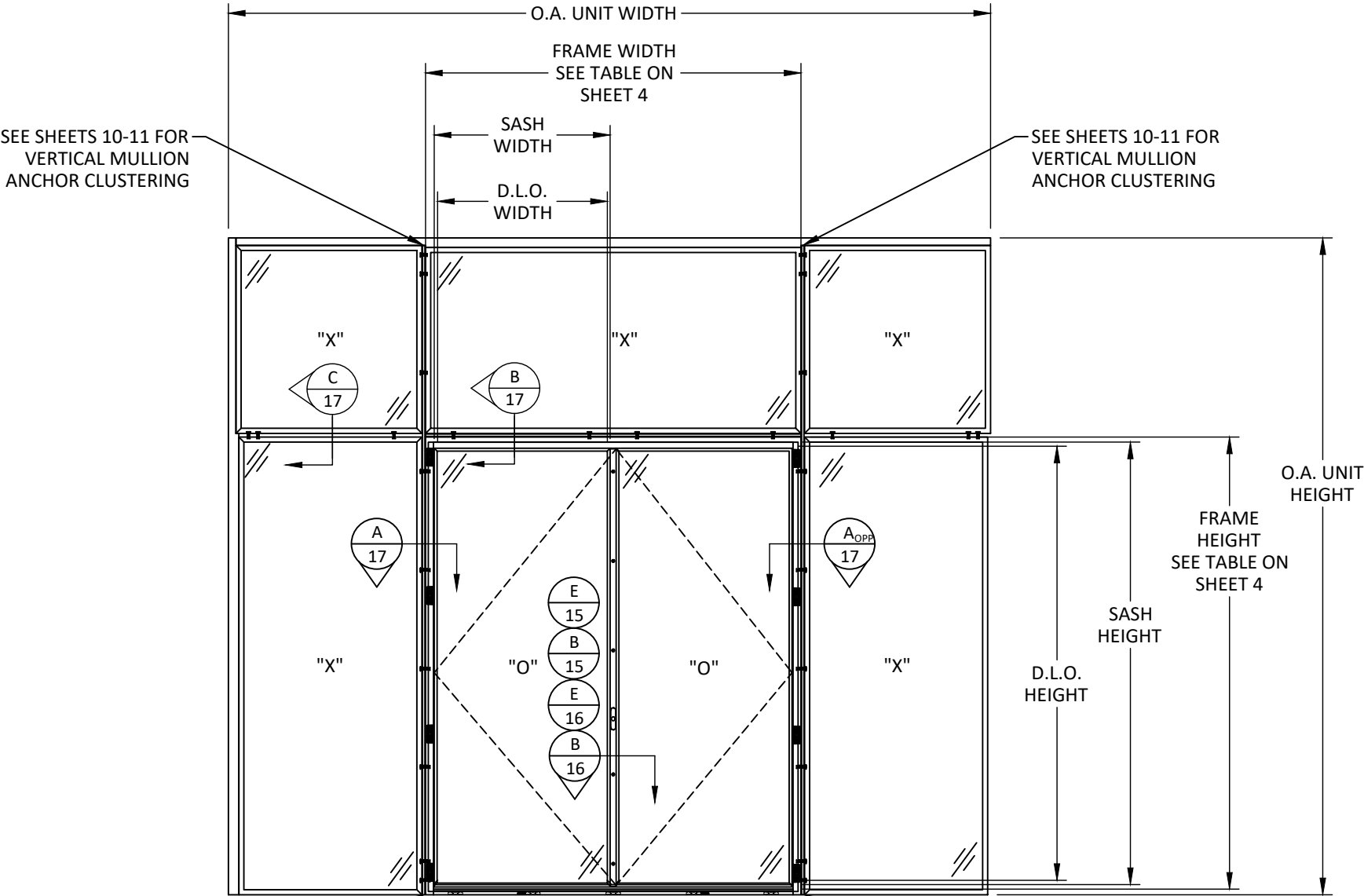
DWG. #: RWD019

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OF 25

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SEE SHEETS 10-11 FOR VERTICAL MULLION ANCHOR CLUSTERING

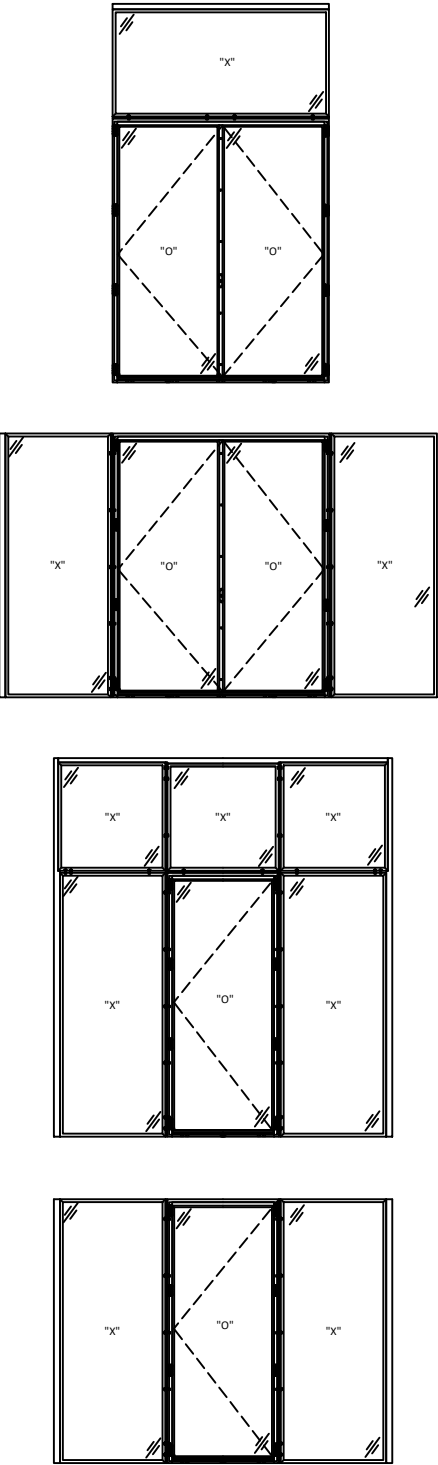
ELEVATION
W75 INSWING & OUTSWING
CASEMENT WINDOW WITH SIDELITES
AND TRANSOM

NOTE:
SIDELITES AND TRANSOM ARE UNDER THE
W75 FLORIDA PRODUCT APPROVAL.

NOTE:
REFER TO SHEET 7 FOR MULLION DESIGN
PRESSURE TABLES.

SEE SHEETS 10-11 FOR VERTICAL MULLION ANCHOR CLUSTERING

**QUALIFIED
CONFIGURATIONS**



NOTE: ADDITIONAL CONFIGURATIONS
QUALIFIED. ASK MANUFACTURER FOR
ADDITIONAL INFORMATION.

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TITLE: W75 INSWING & OUTSWING
CASEMENT WINDOW
(WZ3) (IMPACT)

ELEVATION

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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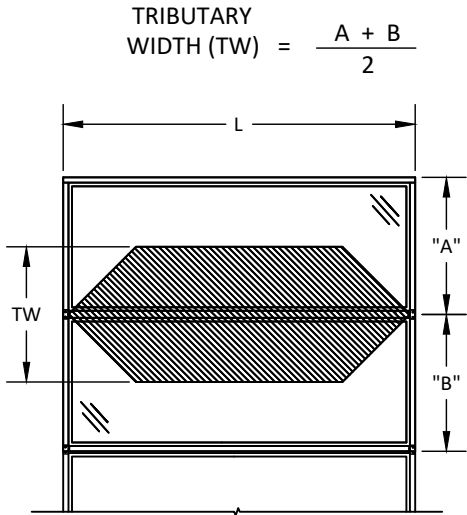
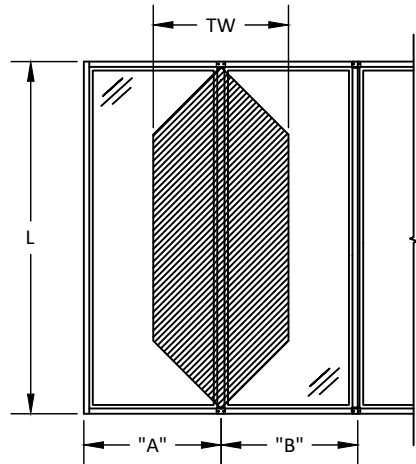
FL #:	FL47694
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DWG. BY:	CHK. BY:
JR	HFN
SCALE:	NTS
DWG. #:	RWD019
SHEET:	6

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1/2" X 2-1/2" MULLION

DESIGN PRESSURE CHART (PSF)			
TRIBUTARY WIDTH (IN.)	MULLION SPAN (IN.)	EXT. (+)	INT. (-)
48	60	60.00	60.00
54		60.00	60.00
60		60.00	60.00
68.5		60.00	60.00
72		60.00	60.00
78		60.00	60.00
84		60.00	60.00
48	66	60.00	60.00
54		60.00	60.00
60		60.00	60.00
68.5		60.00	60.00
72		60.00	60.00
78		60.00	60.00
48	72	60.00	60.00
54		60.00	60.00
60		60.00	60.00
68.5		60.00	60.00
72		60.00	60.00
78		60.00	60.00
48	78.7	60.00	60.00
54		60.00	60.00
60		60.00	60.00
68.5		60.00	60.00
72		60.00	60.00
78		60.00	60.00
48	84	58.11	58.11
54		53.62	53.62
60		50.37	50.37
68.5		46.40	46.40
72		42.60	42.60
78		37.68	37.68
48	90	34.45	34.45
54		31.04	31.04
60		25.89	25.89
68.5			
72			
78			

NOTE: ONLY QUALIFIED FOR ONE-WAY APPLICATION

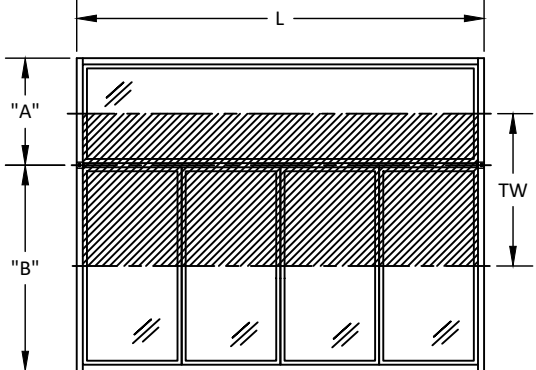
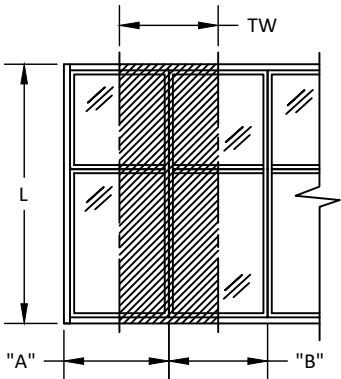


TRIBUTARY WIDTH (TW) = $\frac{A + B}{2}$

1/2" X 5" MULLION

DESIGN PRESSURE CHART (PSF)			
TRIBUTARY WIDTH (IN.)	MULLION SPAN (IN.)	EXT. (+)	INT. (-)
48	84	60.00	60.00
54		60.00	60.00
59.6		60.00	60.00
66		60.00	60.00
72		60.00	60.00
78		60.00	60.00
84		60.00	60.00
90		60.00	60.00
96		60.00	60.00
48	90	60.00	60.00
54		60.00	60.00
59.6		60.00	60.00
66		60.00	60.00
72		60.00	60.00
78		60.00	60.00
84		60.00	60.00
90		60.00	60.00
96		60.00	60.00
48	96	60.00	60.00
54		60.00	60.00
59.6		60.00	60.00
66		60.00	60.00
72		60.00	60.00
78		60.00	60.00
84		60.00	60.00
90		60.00	60.00
96		60.00	60.00
48	102	60.00	60.00
54		60.00	60.00
59.6		60.00	60.00
66		60.00	60.00
72		60.00	60.00
78		60.00	60.00

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



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

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MULLION DESIGN PRESSURE TABLES

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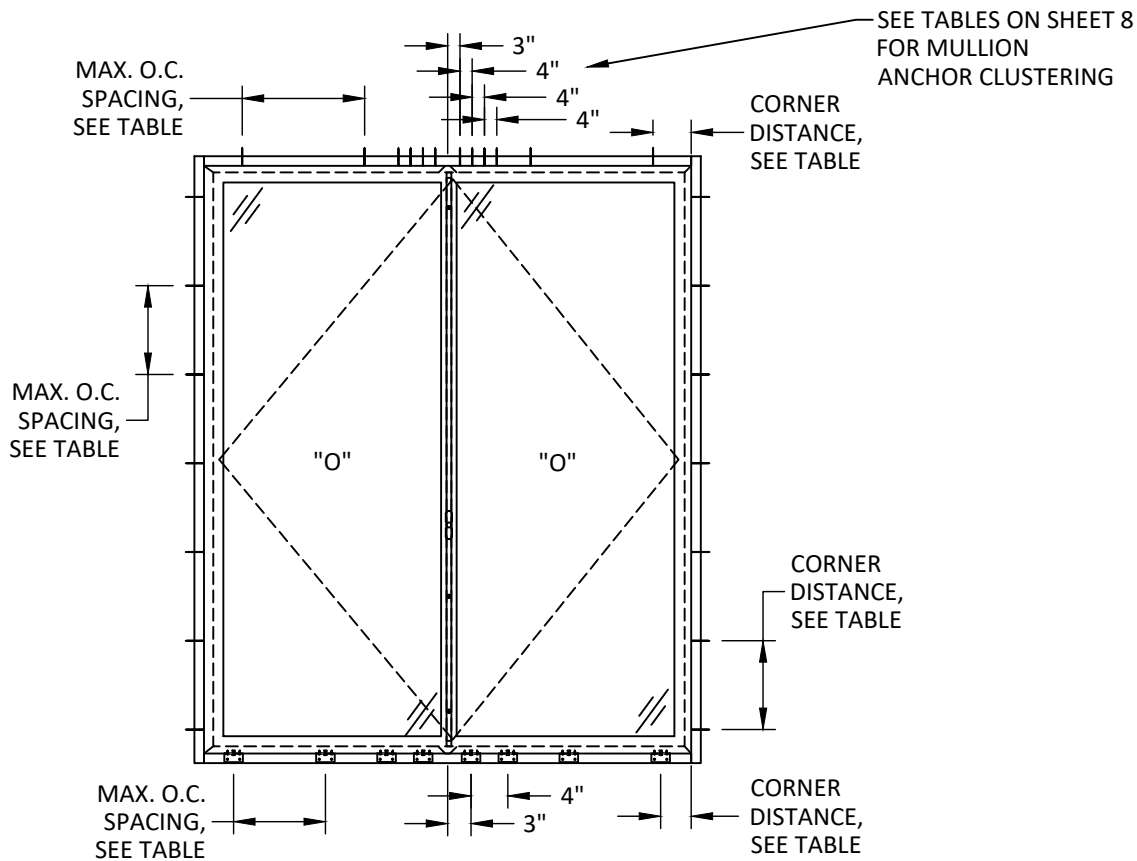
SCALE: NTS

DWG. #: RWD019

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ANCHOR LAYOUT
W75 CASEMENT WINDOW

W75 CASEMENT WINDOW ANCHOR SPACING TABLE - ALTERNATE SILL INSTALLATION OPTIONS							
INSTALLATION METHOD	ANCHOR CAPACITY TABLE DESIGNATION	DP (PSF)	ANCHOR	SHIM SPACE	SILL	TOTAL QTY. OF ANCHORS PER MULL ENDS	CORNER DISTANCE
ALUMINUM ANGLE: 1/2" X 1-4/5"	H	+/- 40	#10	1/4"	34-1/2"	2	7"
				1/2"	34-1/2"	4	
		+/- 60	#12	1/4"	34-1/2"	2	
				1/2"	34-1/2"	4	
STEEL ANGLE: 1/2" X 1-4/5"	I	+/- 40	#10	1/2"	34-1/2"	2	7"
		+/- 60	#12	1/4"	34-1/2"	2	
				1/2"	34-1/2"	4	
ALUMINUM ANGLE: 3/4" X 3/4"	J	+/- 40	#10	1/4"	16"	2	6"
				1/2"	16"	4	
		+/- 60	#12	1/4"	16"	2	
				1/2"	16"	4	
STEEL ANGLE: 3/4" X 3/4"	K	+/- 40	#10	1/2"	16"	2	6"
		+/- 60	#12	1/4"	16"	2	
				1/2"	16"	4	

W75 CASEMENT WINDOW ANCHOR SPACING TABLE								
INSTALLATION METHOD	ANCHOR CAPACITY TABLE DESIGNATION	DP (PSF)	ANCHOR	SHIM SPACE	HEAD	JAMBS	TOTAL QTY. OF ANCHORS PER MULL ENDS	CORNER DISTANCE
THROUGH FRAME	A	+/- 40	#10	1/4"	18-3/4"	18-3/4"	4	6"
				1/2"	18-3/4"	18-3/4"	8	
		+/- 60	#12	1/4"	18-3/4"	18-3/4"	4	
				1/2"	18-3/4"	18-3/4"	6	
ALUMINUM FLAT CLIP	B	+/- 40	#10	1/4"	29"	29"	2	6"
		+/- 60	#12	1/2"	29"	29"	4	
STEEL FLAT CLIP	C	+/- 40	#10	1/4"	29"	29"	2	6"
				1/2"	29"	29"	4	
		+/- 60	#12	1/4"	29"	29"	2	
				1/2"	29"	29"	4	
ALUMINUM/ STEEL BENT EXTERIOR CLIP	D, E	+/- 40	#10	1/2"	18-3/4"	18-3/4"	2	6"
		+/- 60	#12	1/2"	18-3/4"	18-3/4"	2	
ALUMINUM BENT INTERIOR CLIP	F	+/- 40	#10	1/4"	34-1/2"	29"	2	HEAD/SILL: 7" JAMBS: 4.25"
				1/2"	34-1/2"	29"	4	
		+/- 60	#12	1/4"	34-1/2"	29"	2	
				1/2"	34-1/2"	29"	4	
STEEL BENT INTERIOR CLIP	G	+/- 40	#10	1/2"	34-1/2"	29"	2	HEAD/SILL: 7" JAMBS: 4.25"
		+/- 60	#12	1/4"	34-1/2"	29"	2	
				1/4"	34-1/2"	29"	2	
				1/2"	34-1/2"	29"	4	

NOTE: 1/2" SHIM SPACE QUALIFIES 1/4" SHIM SPACE.

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TITLE: W75 INSWING & OUTSWING CASEMENT WINDOW (WZ3) (IMPACT)

ANCHOR LAYOUT

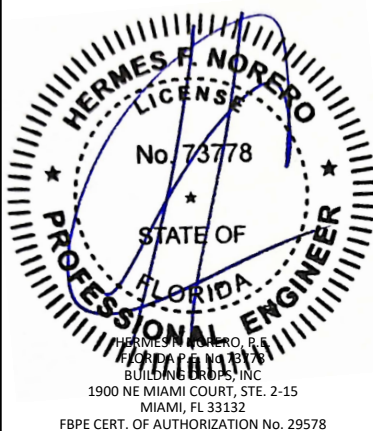
PREPARED BY: BUILDING DROPS, INC.

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MIAMI, FL 33132
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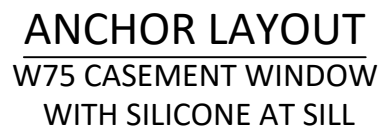
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SCALE: **NTS**

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TITLE: W/3 INSWING & OUTSWING
CASEMENT WINDOW
(WZ3) (IMPACT)

ANCHOR LAYOUT

PREPARED BY:  BUILDING DROPS, INC.



REMARKS	BY	DATE

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SCALE: NTS

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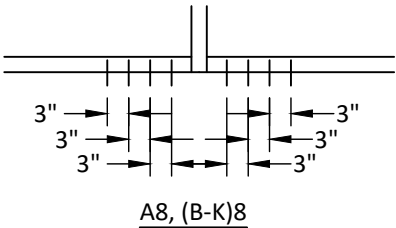
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ANCHOR CAPACITY TABLE AT MULLION END FOR
#10 ANCHORS WITH 1/4" SHIM SPACE

ANCHOR LOAD CAPACITY - PSF EXT. (+) & INT. (-)			
NOMINAL DIMS.		ANCHORS TYPE 'A'	ANCHORS TYPE 'B-K'
TRIBUTARY WIDTH	FRAME HEIGHT	A8	(B-K)8
48	84	40.00	40.00
54		40.00	40.00
59.6		40.00	40.00
66		40.00	40.00
72		40.00	40.00
78		40.00	40.00
84		40.00	40.00
90	90	40.00	40.00
96		40.00	40.00
48		40.00	40.00
54		40.00	40.00
59.6		40.00	40.00
66		40.00	40.00
72		40.00	40.00
78		40.00	40.00
84	96	40.00	40.00
90		40.00	40.00
48		40.00	40.00
54		40.00	40.00
59.6		40.00	40.00
66		40.00	40.00
72		40.00	40.00
78	102	40.00	40.00
84		40.00	40.00
90		40.00	40.00
48		40.00	40.00
54		40.00	40.00
59.6		40.00	40.00
66		40.00	40.00
72	108	40.00	40.00
78		40.00	40.00
84		40.00	40.00
90		40.00	40.00
48		40.00	40.00
54		40.00	40.00
59.6		40.00	40.00
66	114	40.00	40.00
72		40.00	40.00
78		40.00	40.00

NOTE: SEE SHEET 6 FOR VERTICAL
MULLION.

ANCHOR LOAD CAPACITY - PSF EXT. (+) & INT. (-)			
NOMINAL DIMS.		ANCHORS TYPE 'A'	ANCHORS TYPE 'B-K'
TRIBUTARY WIDTH	FRAME HEIGHT	A8	(B-K)8
48	120	40.00	40.00
54		40.00	40.00
59.6		40.00	40.00
66		40.00	40.00
48	126	40.00	40.00
54		40.00	40.00
59.6		40.00	40.00
66		40.00	40.00
48	132	40.00	40.00
54		40.00	40.00
59.6		40.00	40.00
48	136.1	40.00	40.00
54		40.00	40.00
59.6		40.00	40.00
66		40.00	40.00
48	144	40.00	40.00
54		40.00	40.00
59.6		40.00	40.00
48	150	40.00	40.00
54		40.00	40.00
48	156	40.00	40.00

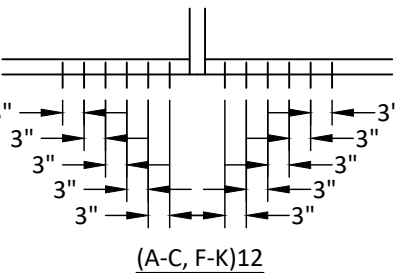
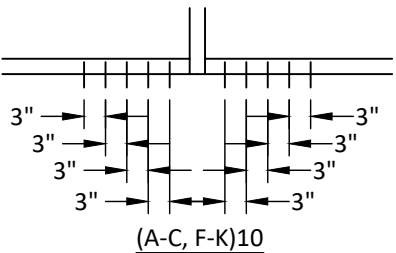
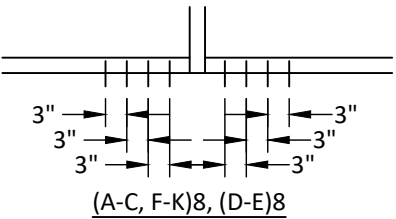


ANCHOR CAPACITY TABLE AT MULLION END FOR
#10 ANCHORS WITH 1/2" SHIM SPACE

ANCHOR LOAD CAPACITY - PSF EXT. (+) & INT. (-)					
NOMINAL DIMS.		ANCHORS TYPE 'A-C, F-K'			ANCHORS TYPE 'D-E'
TRIBUTARY WIDTH	FRAME HEIGHT	(A-C, F-K)8	(A-C, F-K)10	(A-C, F-K)12	(D-E)8
48	84	40.00	40.00	40.00	40.00
54		40.00	40.00	40.00	40.00
59.6		40.00	40.00	40.00	40.00
66		40.00	40.00	40.00	40.00
72		40.00	40.00	40.00	40.00
78		40.00	40.00	40.00	40.00
84		40.00	40.00	40.00	40.00
90	90	40.00	40.00	40.00	40.00
96		40.00	40.00	40.00	40.00
48		40.00	40.00	40.00	40.00
54		40.00	40.00	40.00	40.00
59.6		40.00	40.00	40.00	40.00
66		40.00	40.00	40.00	40.00
72		40.00	40.00	40.00	40.00
78	96	40.00	40.00	40.00	40.00
84		40.00	40.00	40.00	40.00
90		40.00	40.00	40.00	40.00
48		40.00	40.00	40.00	40.00
54		40.00	40.00	40.00	40.00
59.6		40.00	40.00	40.00	40.00
66		39.54	40.00	40.00	40.00
72	102	38.06	40.00	40.00	40.00
78		36.98	40.00	40.00	40.00
84		36.25	40.00	40.00	40.00
48		40.00	40.00	40.00	40.00
54		40.00	40.00	40.00	40.00
59.6		38.21	40.00	40.00	40.00
66		36.10	40.00	40.00	40.00
72	108	34.60	40.00	40.00	40.00
78		33.46	40.00	40.00	40.00
84		40.00	40.00	40.00	40.00
48		40.00	40.00	40.00	40.00
54		37.59	40.00	40.00	40.00
59.6		35.28	40.00	40.00	40.00
66		33.22	40.00	40.00	40.00
72	114	31.72	39.65	40.00	40.00
48		38.06	40.00	40.00	40.00
54		35.00	40.00	40.00	40.00
59.6		32.76	40.00	40.00	40.00
66		30.76	38.44	40.00	40.00

NOTE: SEE SHEET 6 FOR VERTICAL
MULLION.

ANCHOR LOAD CAPACITY - PSF EXT. (+) & INT. (-)					
NOMINAL DIMS.		ANCHORS TYPE 'A-C, F-I'			ANCHORS TYPE 'D-E'
TRIBUTARY WIDTH	FRAME HEIGHT	(A-C, F-K)8	(A-C, F-K)10	(A-C, F-K)12	(D-E)8
48	120	35.68	40.00	40.00	40.00
54		32.74	40.00	40.00	40.00
59.6		30.58	38.23	40.00	40.00
66		28.63	35.79	40.00	40.00
48	126	33.58	40.00	40.00	40.00
54		30.76	38.44	40.00	40.00
59.6		28.68	35.85	40.00	40.00
48	132	31.72	39.65	40.00	40.00
54		29.00	36.25	40.00	40.00
59.6		26.99	33.74	40.00	40.00
48	136.1	30.56	38.20	40.00	40.00
54		27.91	34.89	40.00	40.00
59.6		25.95	32.44	40.00	40.00
48	144	28.54	35.68	40.00	40.00
54		26.02	32.53	40.00	40.00
48	150	27.19	33.98	40.00	40.00
54		24.75	30.94	40.00	40.00
48	156	25.95	32.44	40.00	40.00



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TITLE: W75 INSWING & OUTSWING
CASEMENT WINDOW
(WZ3) (IMPACT)

ANCHOR CAPACITY TABLES

PREPARED BY: BUILDING DROPS, INC.

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MIAMI, FL 33132
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REMARKS	BY	DATE

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FL #:
FL47694

DATE: **05.21.2025**

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SCALE: **NTS**

DWG. #: **RWD019**

SHEET:
10
OF 25

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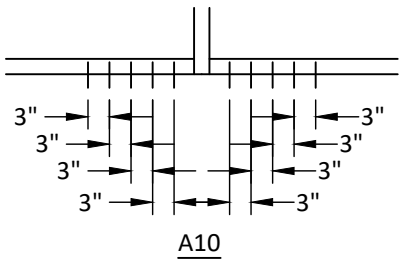
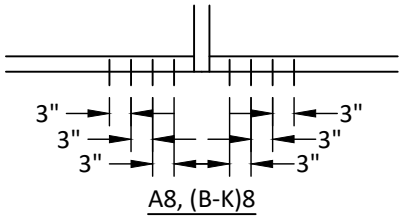
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ANCHOR CAPACITY TABLE AT MULLION END FOR
#12 ANCHORS WITH 1/4" SHIM SPACE

ANCHOR LOAD CAPACITY - PSF EXT. (+) & INT. (-)				
NOMINAL DIMS.		ANCHORS TYPE 'A'		ANCHORS TYPE 'B-K'
TRIBUTARY WIDTH	FRAME HEIGHT	A8	A10	(B-K)8
48	84	60.00	60.00	60.00
54		60.00	60.00	60.00
59.6		60.00	60.00	60.00
66		60.00	60.00	60.00
72		60.00	60.00	60.00
78		60.00	60.00	60.00
84		60.00	60.00	60.00
90		60.00	60.00	60.00
96	90	60.00	60.00	60.00
48		60.00	60.00	60.00
54		60.00	60.00	60.00
59.6		60.00	60.00	60.00
66		60.00	60.00	60.00
72		60.00	60.00	60.00
78		60.00	60.00	60.00
84		60.00	60.00	60.00
90	96	60.00	60.00	60.00
48		60.00	60.00	60.00
54		60.00	60.00	60.00
59.6		60.00	60.00	60.00
66		60.00	60.00	60.00
72		60.00	60.00	60.00
78		60.00	60.00	60.00
84		60.00	60.00	60.00
48	102	60.00	60.00	60.00
54		60.00	60.00	60.00
59.6		60.00	60.00	60.00
66		60.00	60.00	60.00
72		60.00	60.00	60.00
78		60.00	60.00	60.00
84		60.00	60.00	60.00
90		60.00	60.00	60.00
48	108	60.00	60.00	60.00
54		60.00	60.00	60.00
59.6		60.00	60.00	60.00
66		60.00	60.00	60.00
72		60.00	60.00	60.00
78		60.00	60.00	60.00
84		60.00	60.00	60.00
90		60.00	60.00	60.00
48	114	60.00	60.00	60.00
54		60.00	60.00	60.00
59.6		60.00	60.00	60.00
66		60.00	60.00	60.00
72		60.00	60.00	60.00
78		60.00	60.00	60.00
84		60.00	60.00	60.00
90		60.00	60.00	60.00
48	120	60.00	60.00	60.00
54		60.00	60.00	60.00
59.6		60.00	60.00	60.00
66		60.00	60.00	60.00
72		60.00	60.00	60.00
78		60.00	60.00	60.00
84		60.00	60.00	60.00
90		60.00	60.00	60.00

NOTE: SEE SHEET 6 FOR VERTICAL
MULLION.

ANCHOR LOAD CAPACITY - PSF EXT. (+) & INT. (-)				
NOMINAL DIMS.		ANCHORS TYPE 'A'		ANCHORS TYPE 'B-K'
TRIBUTARY WIDTH	FRAME HEIGHT	A8	A10	(B-K)8
48	126	60.00	60.00	60.00
54		60.00	60.00	60.00
59.6		60.00	60.00	60.00
48	132	60.00	60.00	60.00
54		60.00	60.00	60.00
59.6		60.00	60.00	60.00
48	136.1	60.00	60.00	60.00
54		60.00	60.00	60.00
59.6		60.00	60.00	60.00
48	144	60.00	60.00	60.00
54		60.00	60.00	60.00
59.6		60.00	60.00	60.00
48	150	60.00	60.00	60.00
54		58.97	60.00	60.00
59.6		60.00	60.00	60.00
48	156	60.00	60.00	60.00

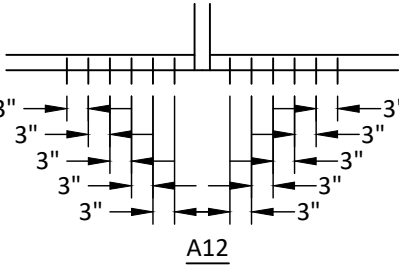
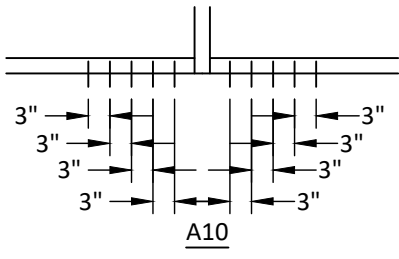
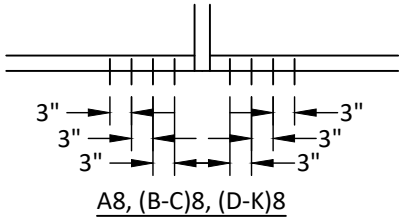


ANCHOR CAPACITY TABLE AT MULLION END FOR
#12 ANCHORS WITH 1/2" SHIM SPACE

ANCHOR LOAD CAPACITY - PSF EXT. (+) & INT. (-)						
NOMINAL DIMS.		ANCHORS TYPE 'A'			ANCHORS TYPE 'B-C'	ANCHORS TYPE 'D-K'
TRIBUTARY WIDTH	FRAME HEIGHT	A8	A10	A12	(B-C)8	(D-K)8
48	84	60.00	60.00	60.00	60.00	60.00
54		60.00	60.00	60.00	60.00	60.00
59.6		60.00	60.00	60.00	60.00	60.00
66		60.00	60.00	60.00	60.00	60.00
72		60.00	60.00	60.00	60.00	60.00
78		60.00	60.00	60.00	60.00	60.00
84		60.00	60.00	60.00	60.00	60.00
90		60.00	60.00	60.00	60.00	60.00
96	90	60.00	60.00	60.00	60.00	60.00
48		60.00	60.00	60.00	60.00	60.00
54		60.00	60.00	60.00	60.00	60.00
59.6		60.00	60.00	60.00	60.00	60.00
66		60.00	60.00	60.00	60.00	60.00
72		60.00	60.00	60.00	60.00	60.00
78		60.00	60.00	60.00	60.00	60.00
84		60.00	60.00	60.00	60.00	60.00
90	96	60.00	60.00	60.00	60.00	60.00
48		60.00	60.00	60.00	60.00	60.00
54		60.00	60.00	60.00	60.00	60.00
59.6		60.00	60.00	60.00	60.00	60.00
66		60.00	60.00	60.00	60.00	60.00
72		60.00	60.00	60.00	60.00	60.00
78		60.00	60.00	60.00	60.00	60.00
84		60.00	60.00	60.00	60.00	60.00
90	102	60.00	60.00	60.00	60.00	60.00
48		60.00	60.00	60.00	60.00	60.00
54		60.00	60.00	60.00	60.00	60.00
59.6		60.00	60.00	60.00	60.00	60.00
66		60.00	60.00	60.00	60.00	60.00
72		60.00	60.00	60.00	60.00	60.00
78		60.00	60.00	60.00	60.00	60.00
84		60.00	60.00	60.00	60.00	60.00
90	108	60.00	60.00	60.00	60.00	60.00
48		60.00	60.00	60.00	60.00	60.00
54		60.00	60.00	60.00	60.00	60.00
59.6		60.00	60.00	60.00	60.00	60.00
66		60.00	60.00	60.00	60.00	60.00
72		60.00	60.00	60.00	60.00	60.00
78		60.00	60.00	60.00	60.00	60.00
84		60.00	60.00	60.00	60.00	60.00
90	114	60.00	60.00	60.00	60.00	60.00
48		60.00	60.00	60.00	60.00	60.00
54		60.00	60.00	60.00	60.00	60.00
59.6		60.00	60.00	60.00	60.00	60.00
66		60.00	60.00	60.00	60.00	60.00
72		60.00	60.00	60.00	60.00	60.00
78		60.00	60.00	60.00	60.00	60.00
84		60.00	60.00	60.00	60.00	60.00
90	120	60.00	60.00	60.00	60.00	60.00
48		60.00	60.00	60.00	60.00	60.00
54		60.00	60.00	60.00	60.00	60.00
59.6		60.00	60.00	60.00	60.00	60.00
66		60.00	60.00	60.00	60.00	60.00
72		60.00	60.00	60.00	60.00	60.00
78		60.00	60.00	60.00	60.00	60.00
84		60.00	60.00	60.00	60.00	60.00

NOTE: SEE SHEET 6 FOR VERTICAL
MULLION.

ANCHOR LOAD CAPACITY - PSF EXT. (+) & INT. (-)						
NOMINAL DIMS.		ANCHORS TYPE 'A'			ANCHORS TYPE 'B-C'	ANCHORS TYPE 'D-K'
TRIBUTARY WIDTH	FRAME HEIGHT	A8	A10	A12	(B-C)8	(D-K)8
48	126	60.00	60.00	60.00	60.00	60.00
54		57.89	60.00	60.00	60.00	60.00
59.6		53.97	60.00	60.00	60.00	60.00
48	132	59.70	60.00	60.00	60.00	60.00
54		54.58	60.00	60.00	60.00	60.00
59.6		50.81	60.00	60.00	60.00	60.00
48	136.1	57.51	60.00	60.00	60.00	60.00
54		52.53	60.00	60.00	60.00	60.00
59.6		48.85	60.00	60.00	60.00	60.00
48	144	53.73	60.00	60.00	60.00	60.00
54		48.98	60.00	60.00	60.00	60.00
59.6		46.59	58.24	60.00	60.00	60.00
48	150	48.84	60.00	60.00	60.00	60.00
54	156	48.84	60.00	60.00	60.00	60.00
59.6		48.84	60.00	60.00	60.00	60.00
66		48.84	60.00	60.00	60.00	60.00



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TITLE: W75 INSWING & OUTSWING
CASEMENT WINDOW
(WZ3) (IMPACT)

ANCHOR CAPACITY TABLES

PREPARED BY: BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15

MIAMI, FL 33132

PH: (954) 399-8478

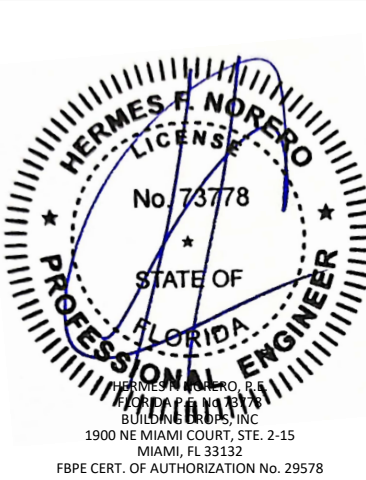
FAX: (954) 744-4738

WEB: www.buildingdrops.com



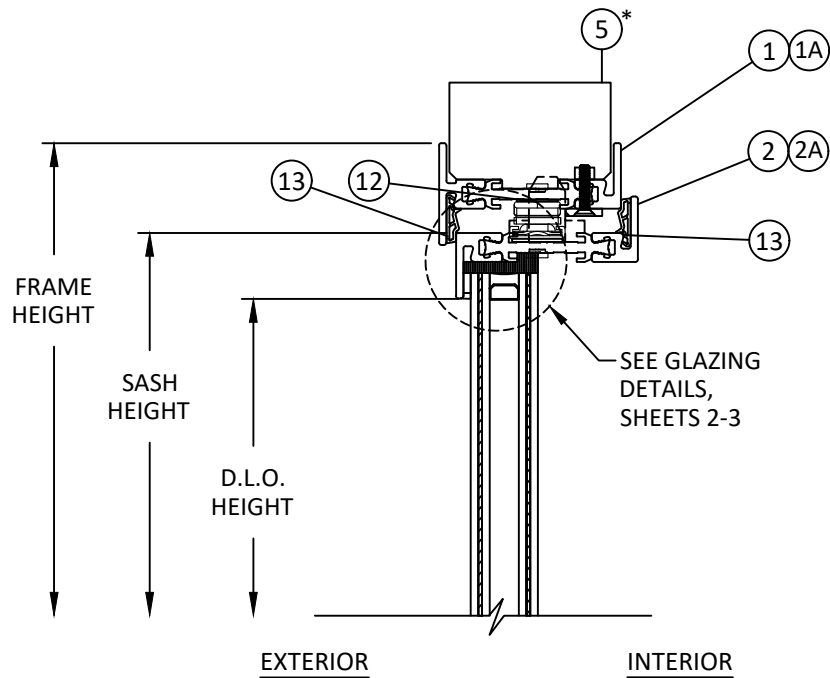
REMARKS	BY	DATE

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.

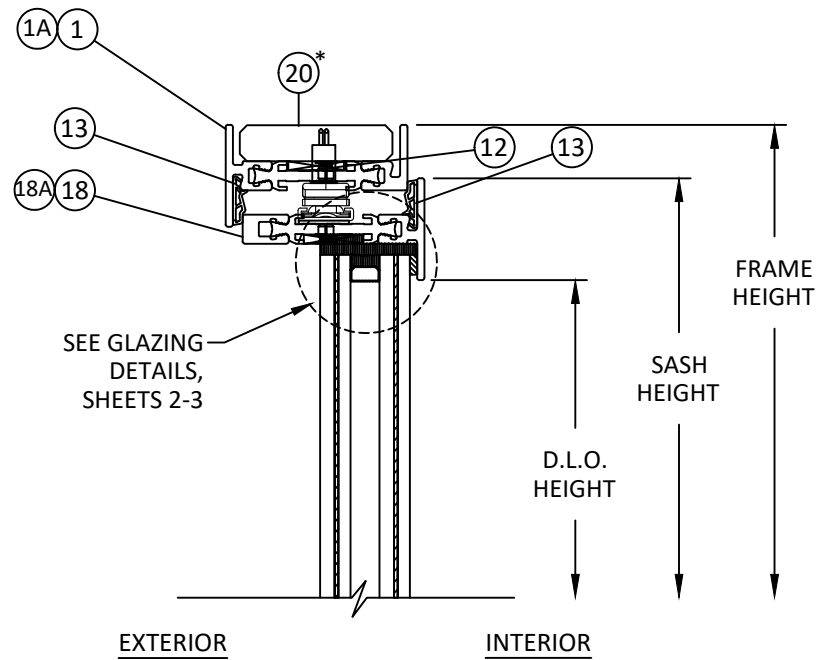


FL #:	FL47694
DATE:	05.21.2025
DWG. BY:	JR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	RWD019
SHEET:	11
	OF 25

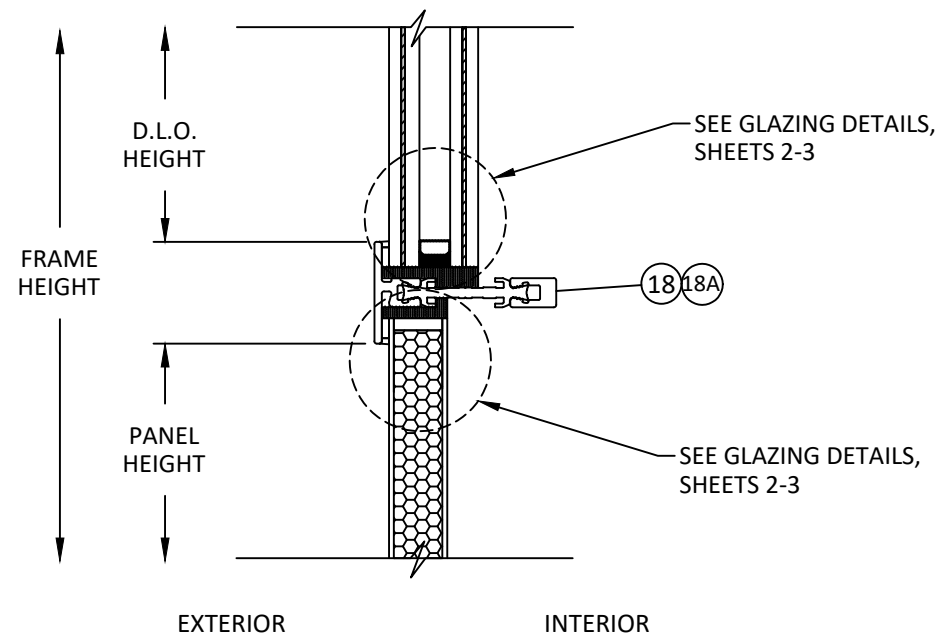
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A
12
VERTICAL SECTION
INSIDE GLAZED - HEAD
INSWING CASEMENT

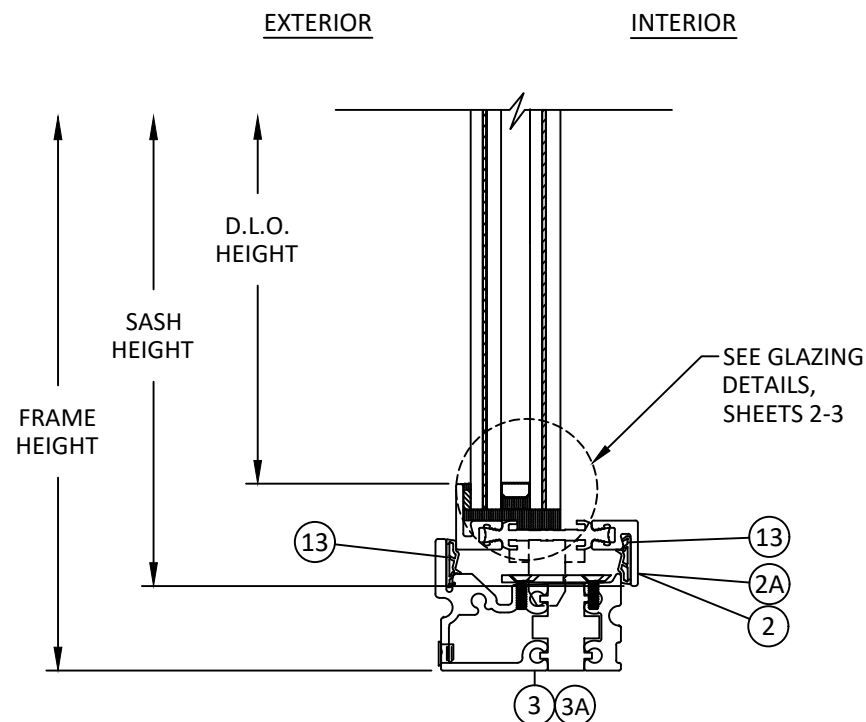


C
12
VERTICAL SECTION
OUTSIDE GLAZED - HEAD
INSWING CASEMENT

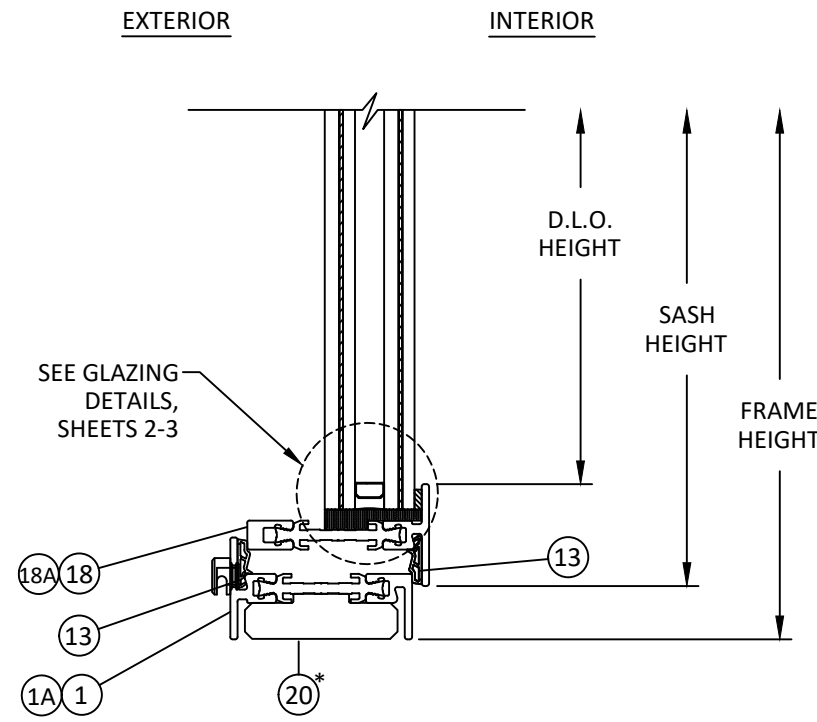


E
12
VERTICAL SECTION
INSIDE GLAZED - MIDRAIL

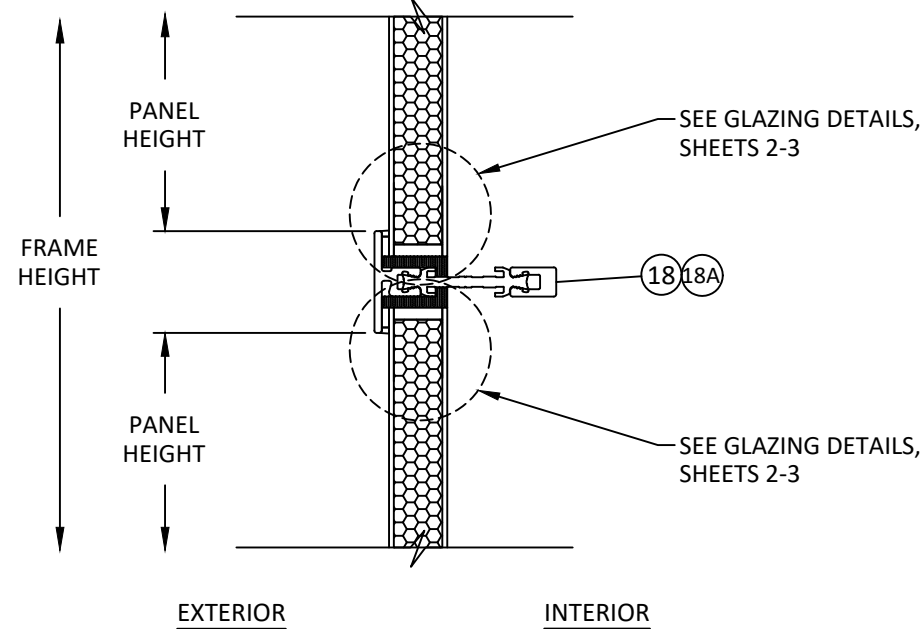
*NOTE: BLOCKING DEPENDENT
ON INSTALLATION. REFER TO
SHEETS 23-25 FOR MORE
DETAILS.



B
12
VERTICAL SECTION
INSIDE GLAZED - SILL
INSWING CASEMENT



D
12
VERTICAL SECTION
OUTSIDE GLAZED - SILL
INSWING CASEMENT



F
12
VERTICAL SECTION
INSIDE GLAZED - MIDRAIL

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TITLE: W75 INSWING & OUTSWING CASEMENT WINDOW (WZ3) (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

BD
BUILDING DROPS

REMARKS	BY	DATE

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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 COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL47694**

DATE: **05.21.2025**

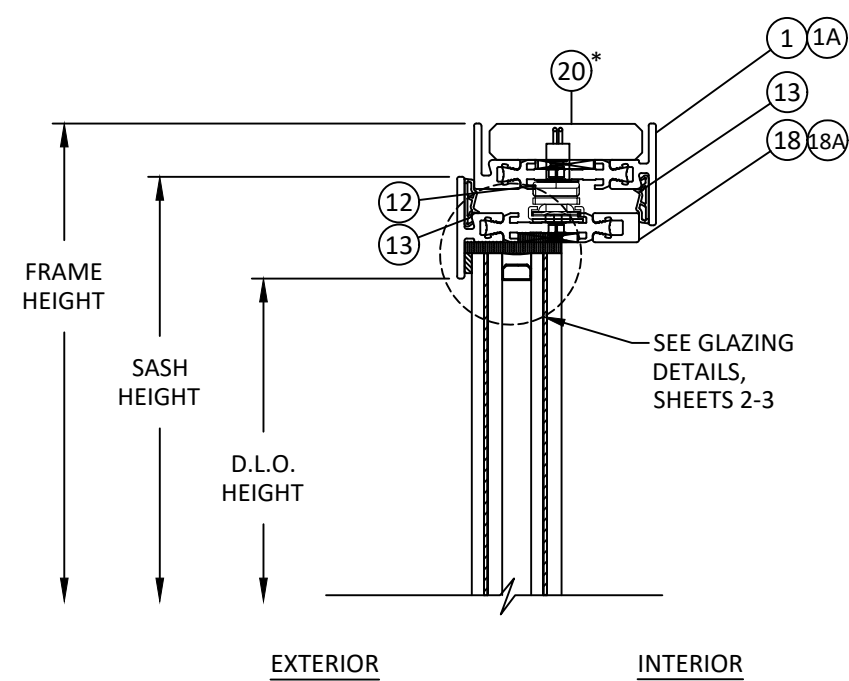
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SCALE: **NTS**

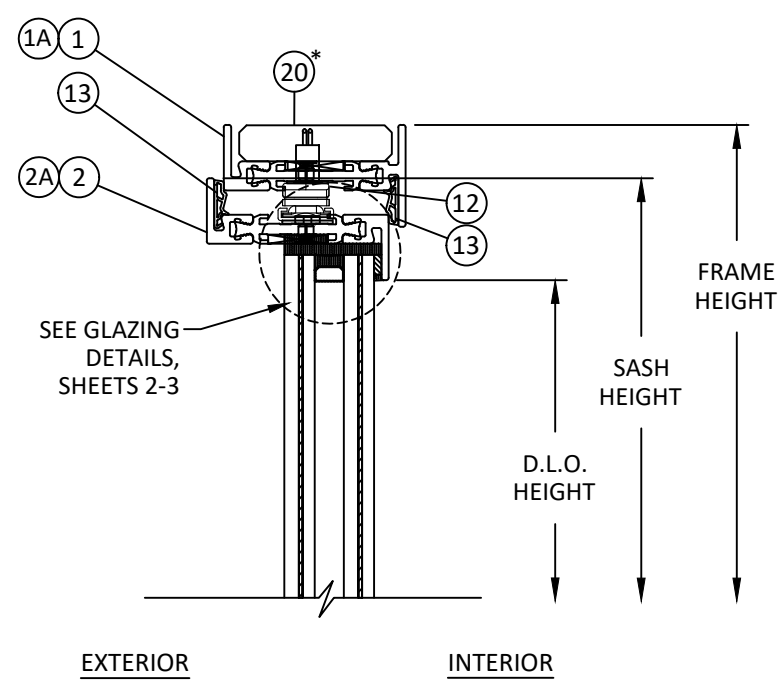
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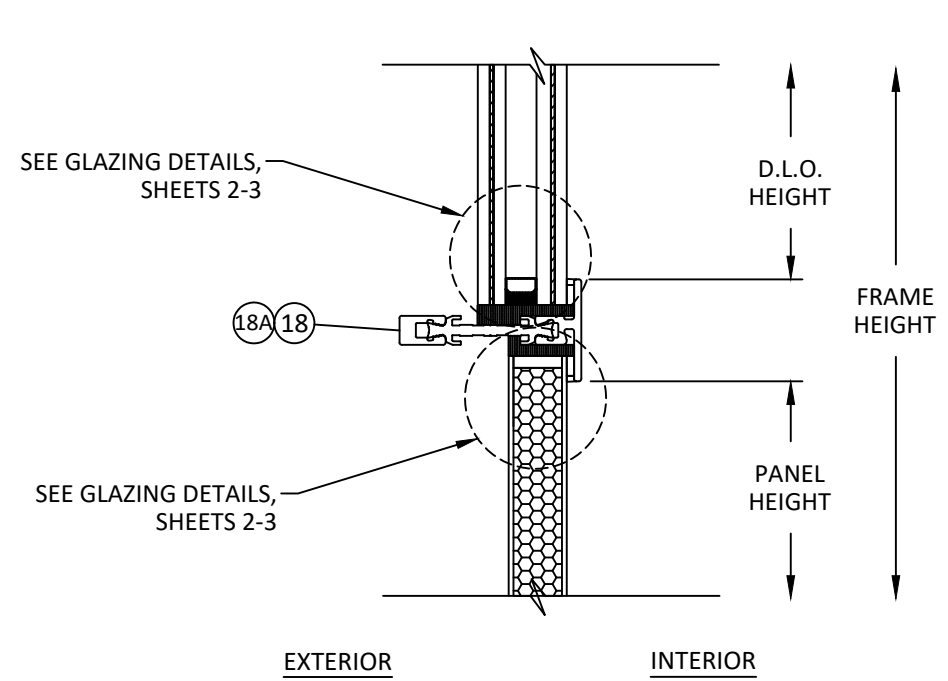
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A
13
VERTICAL SECTION
INSIDE GLAZED - HEAD
OUTSWING CASEMENT

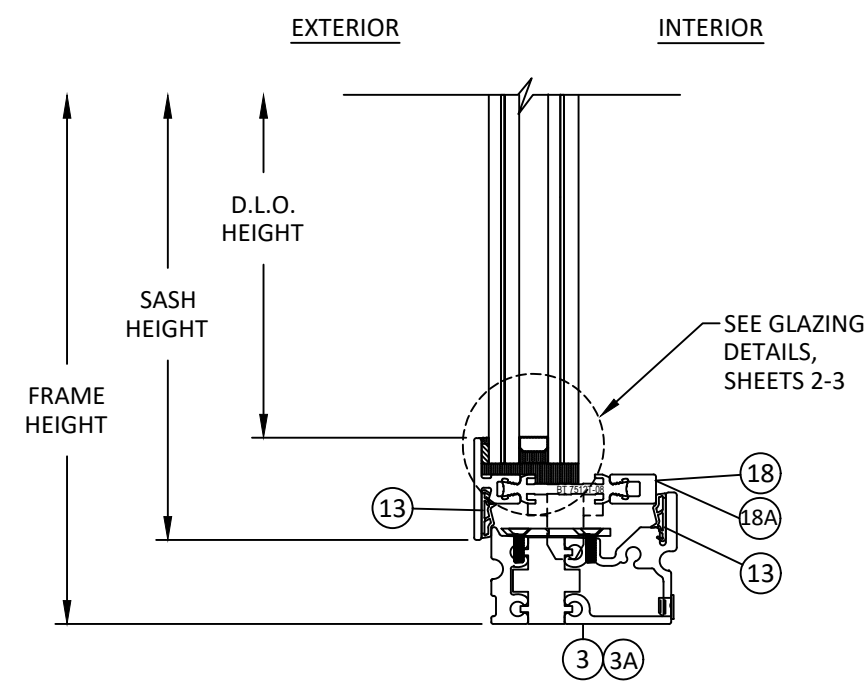


C
13
VERTICAL SECTION
OUTSIDE GLAZED - HEAD
OUTSWING CASEMENT

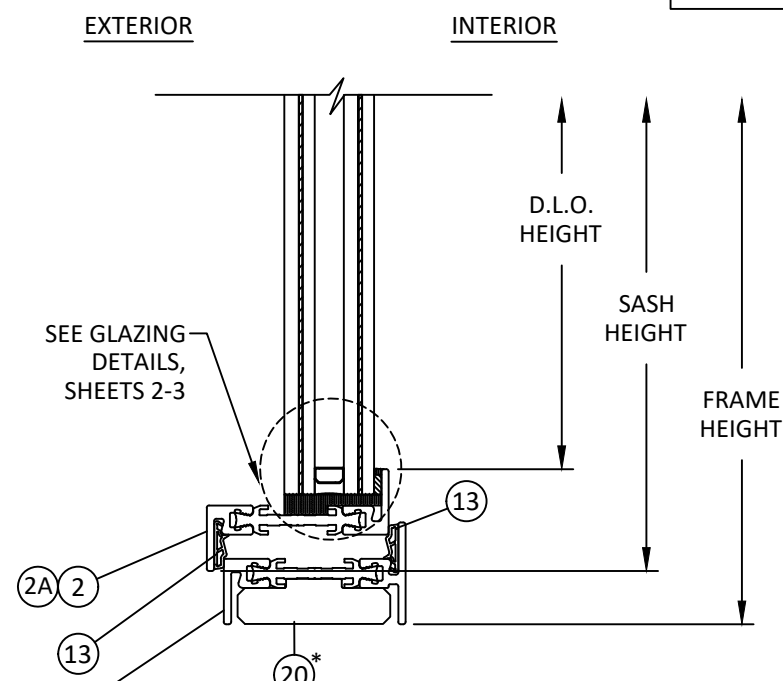


E
13
VERTICAL SECTION
OUTSIDE GLAZED - MIDRAIL

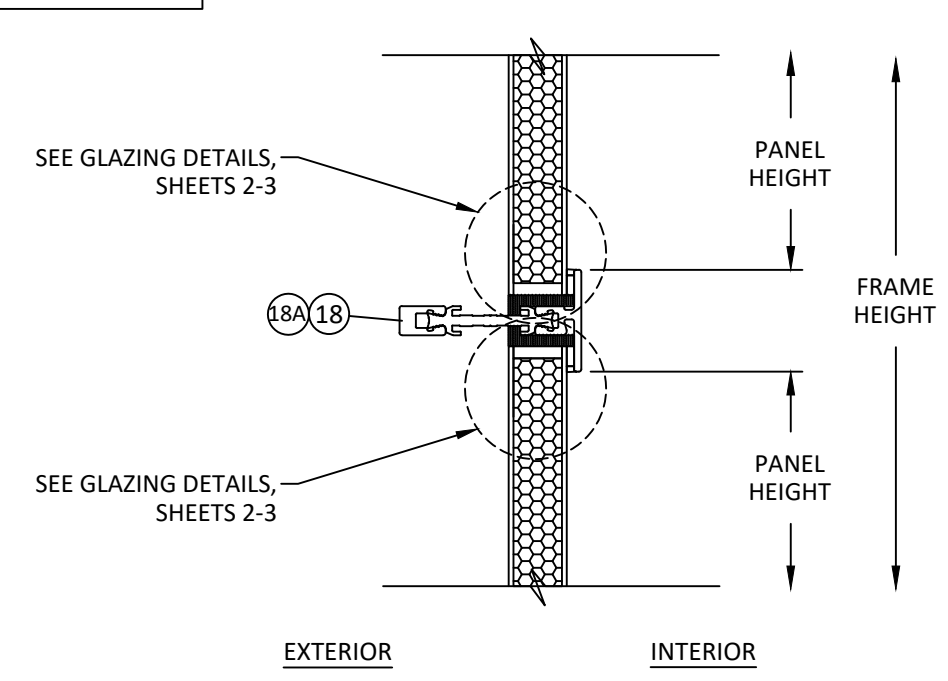
*NOTE: BLOCKING DEPENDENT
ON INSTALLATION. REFER TO
SHEETS 23-25 FOR MORE
DETAILS.



B
13
VERTICAL SECTION
INSIDE GLAZED - SILL
OUTSWING CASEMENT



D
13
VERTICAL SECTION
OUTSIDE GLAZED - SILL
OUTSWING CASEMENT



F
13
VERTICAL SECTION
OUTSIDE GLAZED - MIDRAIL

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TITLE: W75 INSWING & OUTSWING
CASEMENT WINDOW
(WZ3) (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

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BUILDING DROPS

REMARKS	BY	DATE
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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 COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL47694**

DATE: **05.21.2025**

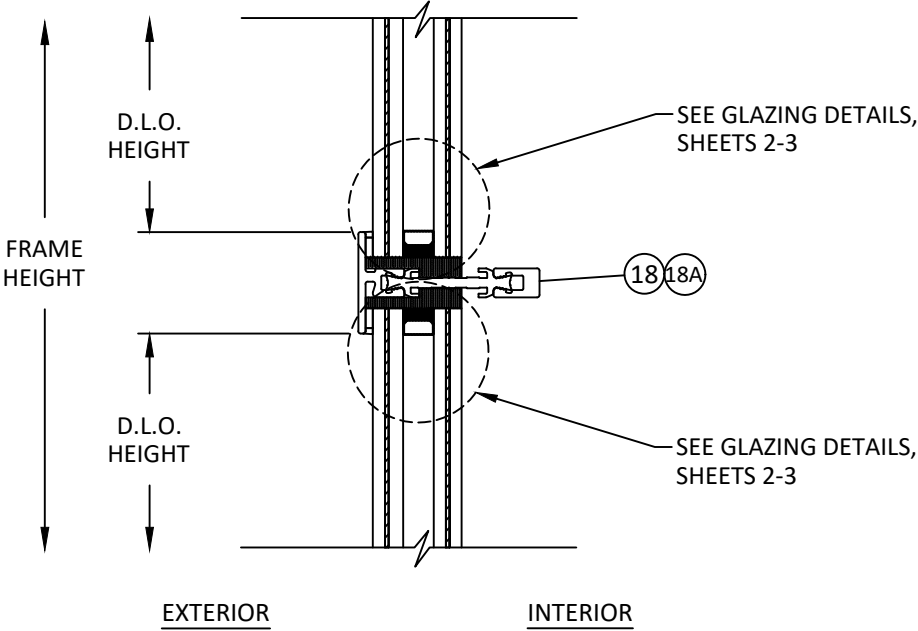
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SCALE: **NTS**

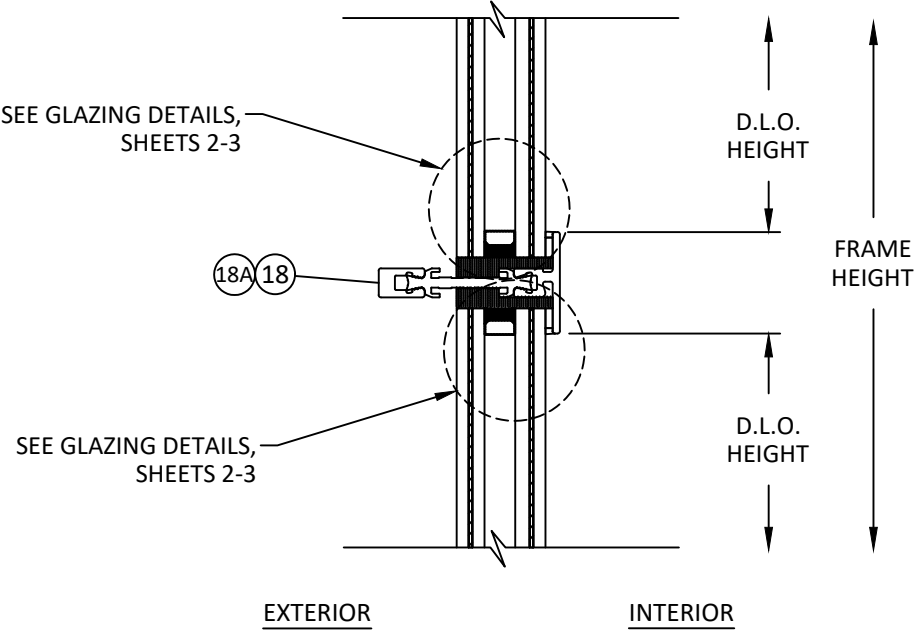
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SHEET: **13**
OF 25

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A
14 VERTICAL SECTION
INSIDE GLAZED - MIDRAIL



B
14 VERTICAL SECTION
OUTSIDE GLAZED - MIDRAIL

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TITLE: W75 INSWING & OUTSWING
CASEMENT WINDOW
(WZ3) (IMPACT)

VERTICAL SECTIONS

PREPARED BY: BUILDING DROPS, INC.

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MIAMI, FL 33132
PH: (954) 399-8478
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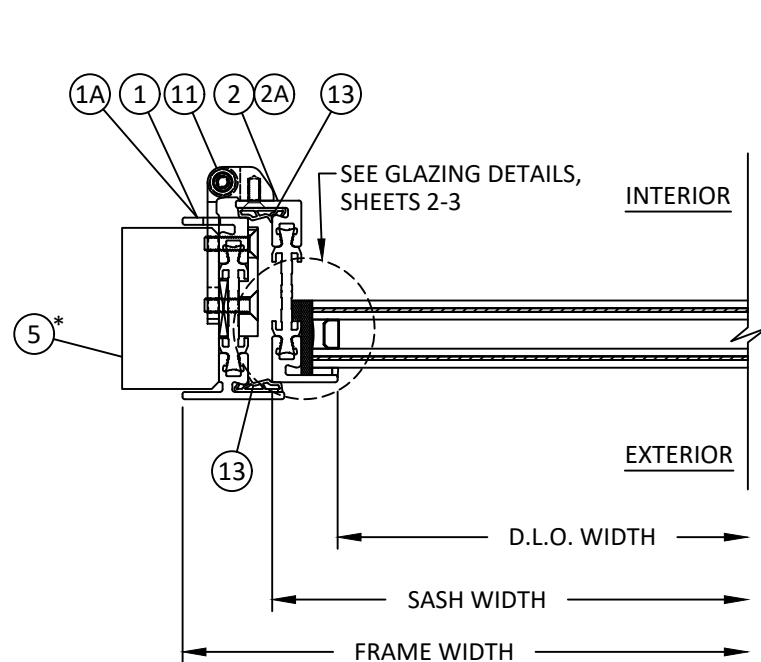
REMARKS	BY	DATE

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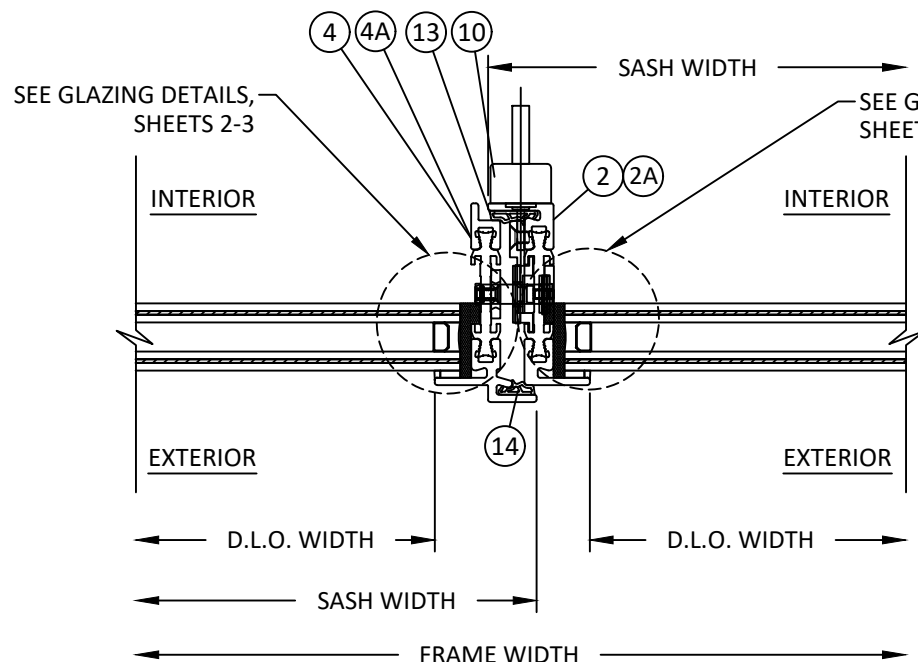


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CHK. BY:	HFN
SCALE:	NTS
DWG. #:	RWD019
SHEET:	14

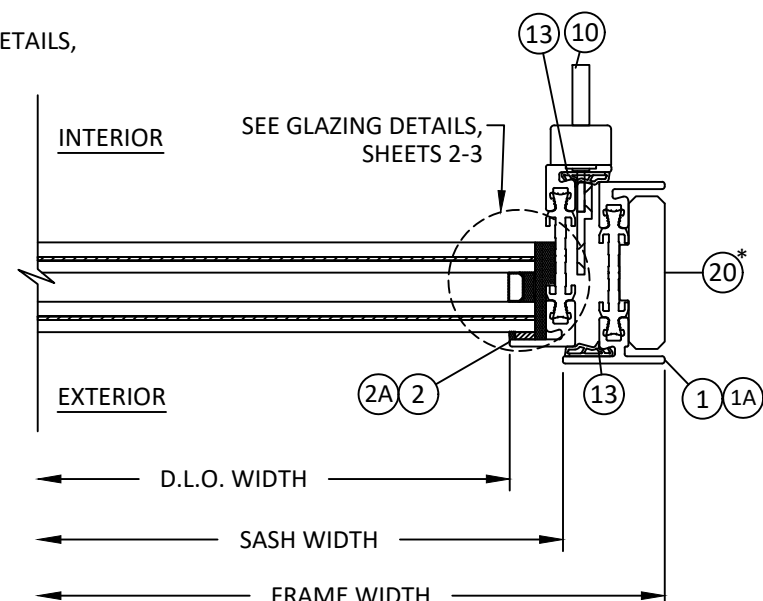
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A HORIZONTAL SECTION
15 INSIDE GLAZED - HINGE JAMB
INSWING CASEMENT

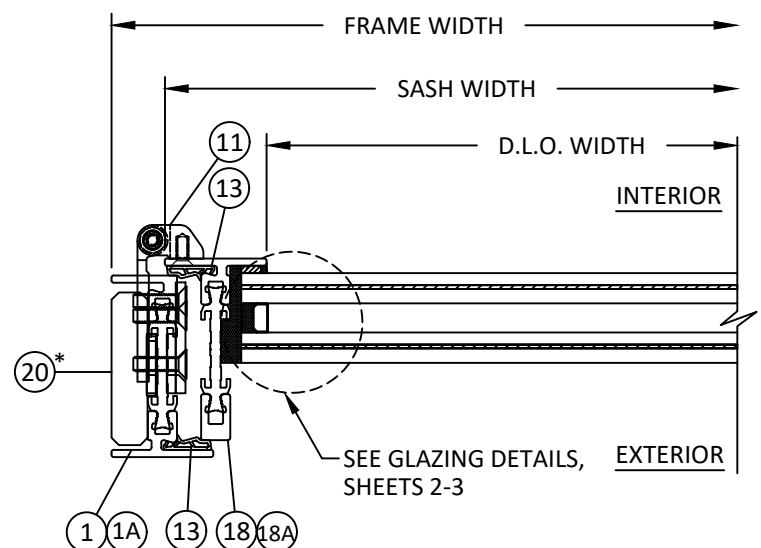


B HORIZONTAL SECTION
15 INSIDE GLAZED - MEETING STILE
INSWING CASEMENT

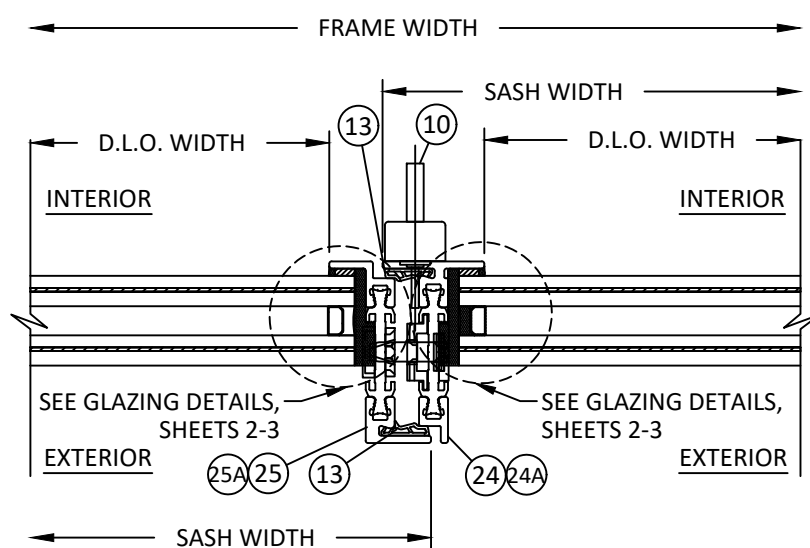


C HORIZONTAL SECTION
15 INSIDE GLAZED - LOCK JAMB
INSWING CASEMENT

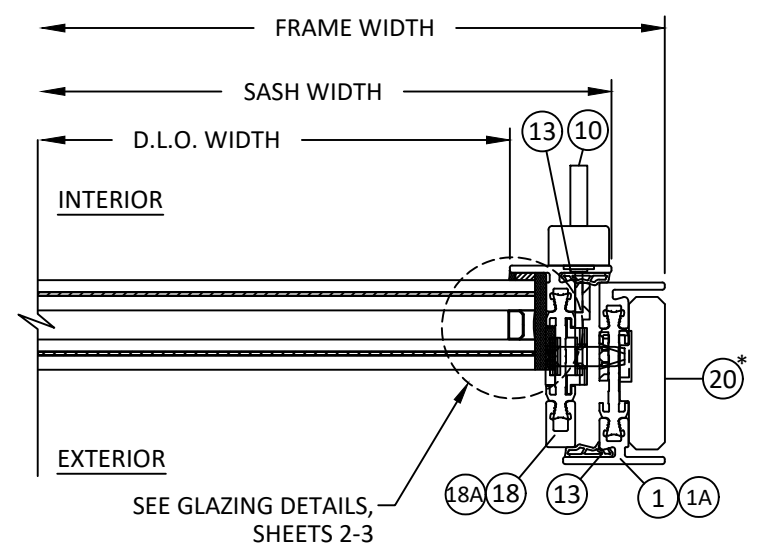
*NOTE: BLOCKING DEPENDENT
ON INSTALLATION. REFER TO
SHEETS 23-25 FOR MORE
DETAILS.



D HORIZONTAL SECTION
15 OUTSIDE GLAZED - HINGE JAMB
INSWING CASEMENT



E HORIZONTAL SECTION
15 OUTSIDE GLAZED - MEETING STILE
INSWING CASEMENT



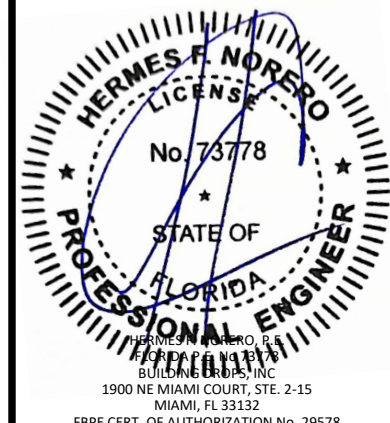
F HORIZONTAL SECTION
15 OUTSIDE GLAZED - LOCK JAMB
INSWING CASEMENT

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TITLE: W75 INSWING & OUTSWING
CASEMENT WINDOW
(WZ3) (IMPACT)
HORIZONTAL SECTIONS
PREPARED BY:
BUILDING DROPS, INC.
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FAX: (954) 744-4738
WEB: www.buildingdrops.com

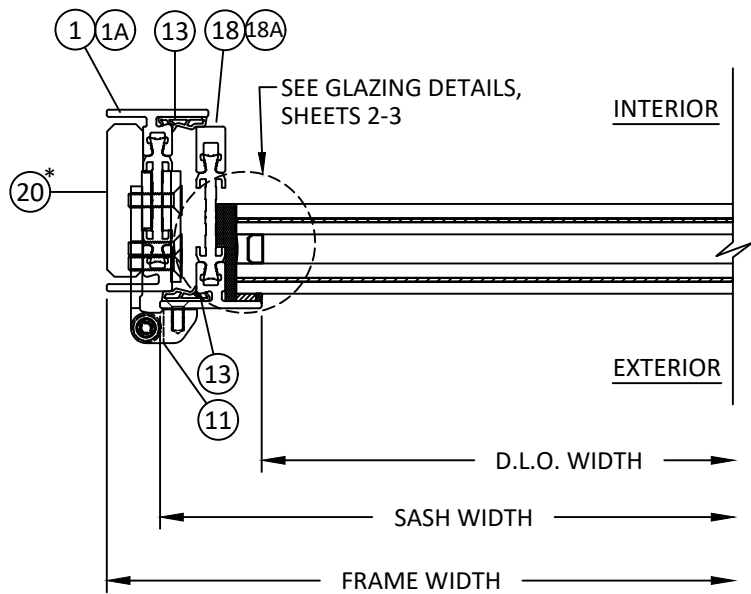
REMARKS	BY	DATE

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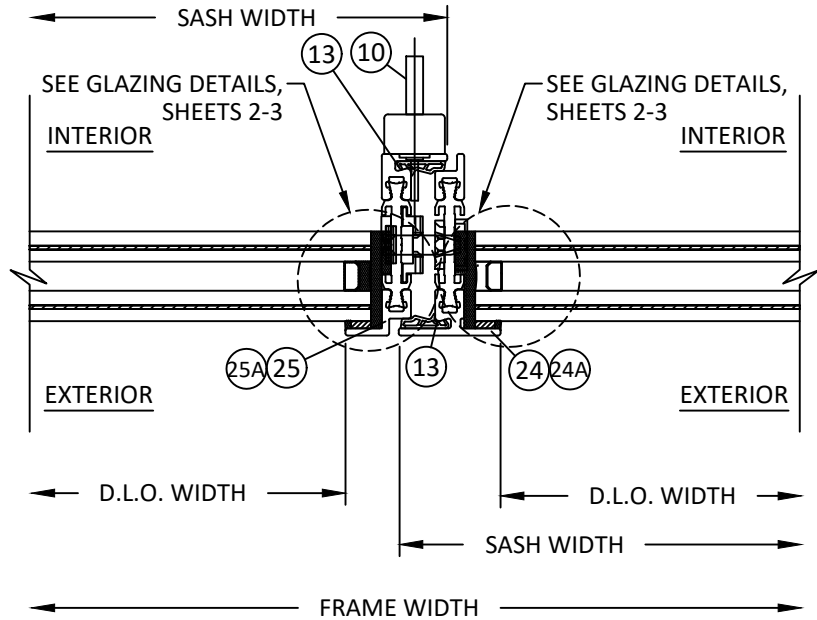


FL #:
FL47694
DATE: **05.21.2025**
DWG. BY: **JR** CHK. BY: **HFN**
SCALE: **NTS**
DWG. #: **RWD019**
SHEET:

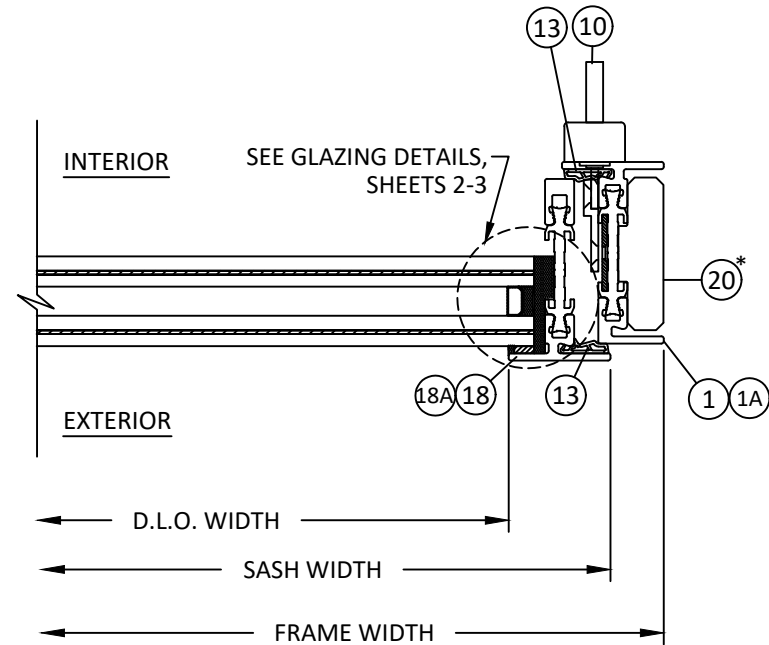
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A HORIZONTAL SECTION
16 INSIDE GLAZED - HINGE JAMB
OUTSWING CASEMENT

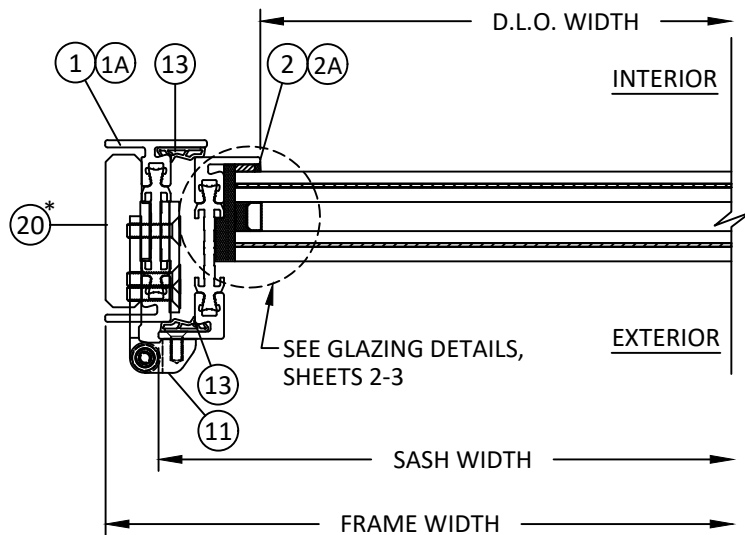


B HORIZONTAL SECTION
16 INSIDE GLAZED - MEETING STILE
OUTSWING CASEMENT

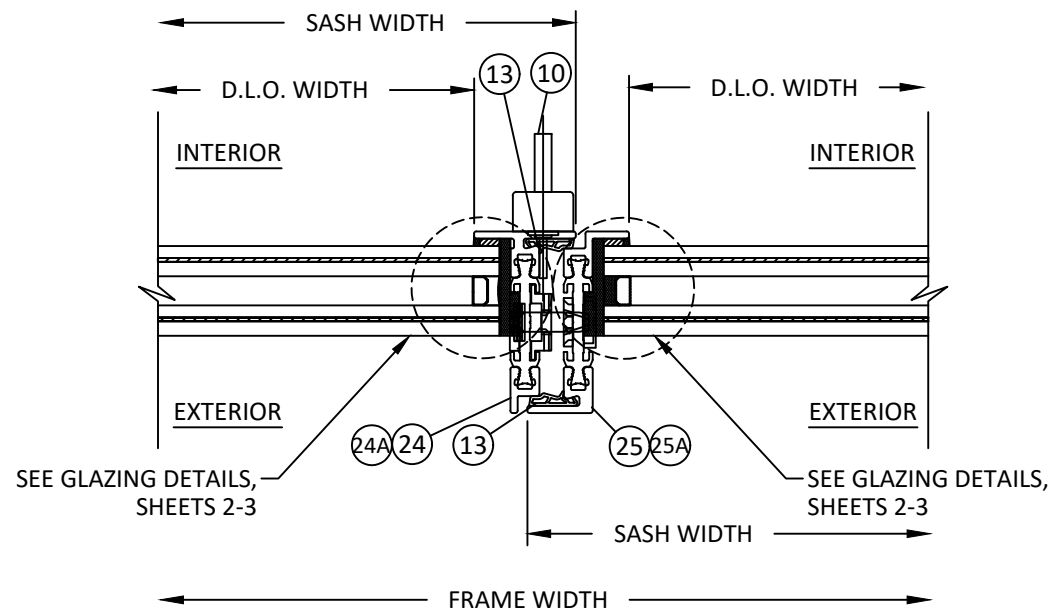


C HORIZONTAL SECTION
16 INSIDE GLAZED - LOCK JAMB
OUTSWING CASEMENT

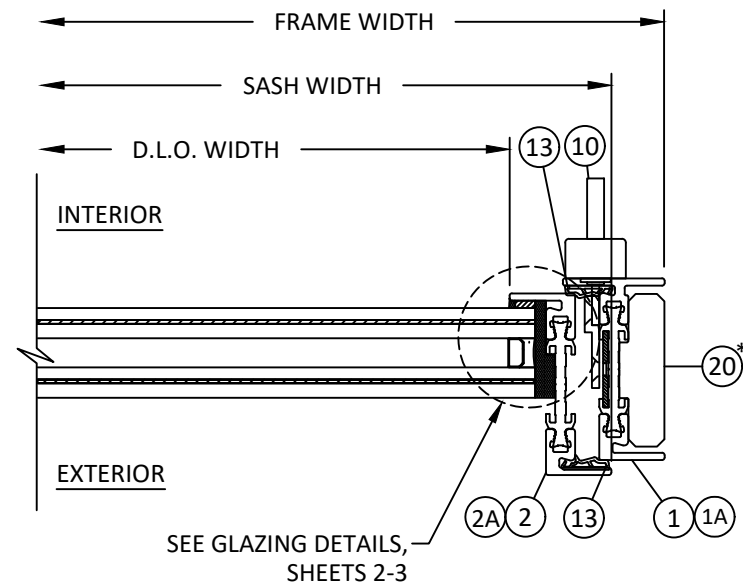
*NOTE: BLOCKING DEPENDENT
ON INSTALLATION. REFER TO
SHEETS 23-25 FOR MORE
DETAILS.



D HORIZONTAL SECTION
16 OUTSIDE GLAZED - HINGE JAMB
OUTSWING CASEMENT



E HORIZONTAL SECTION
16 OUTSIDE GLAZED - MEETING STILE
OUTSWING CASEMENT



F HORIZONTAL SECTION
16 OUTSIDE GLAZED - LOCK JAMB
OUTSWING CASEMENT

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CASEMENT WINDOW
(WZ3) (IMPACT)

HORIZONTAL SECTIONS

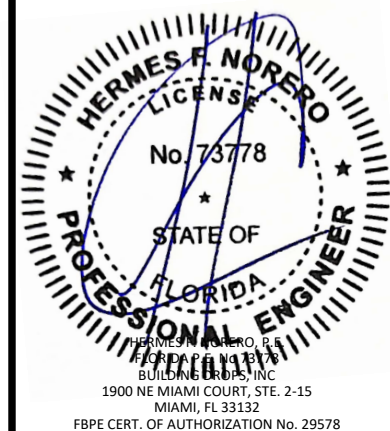
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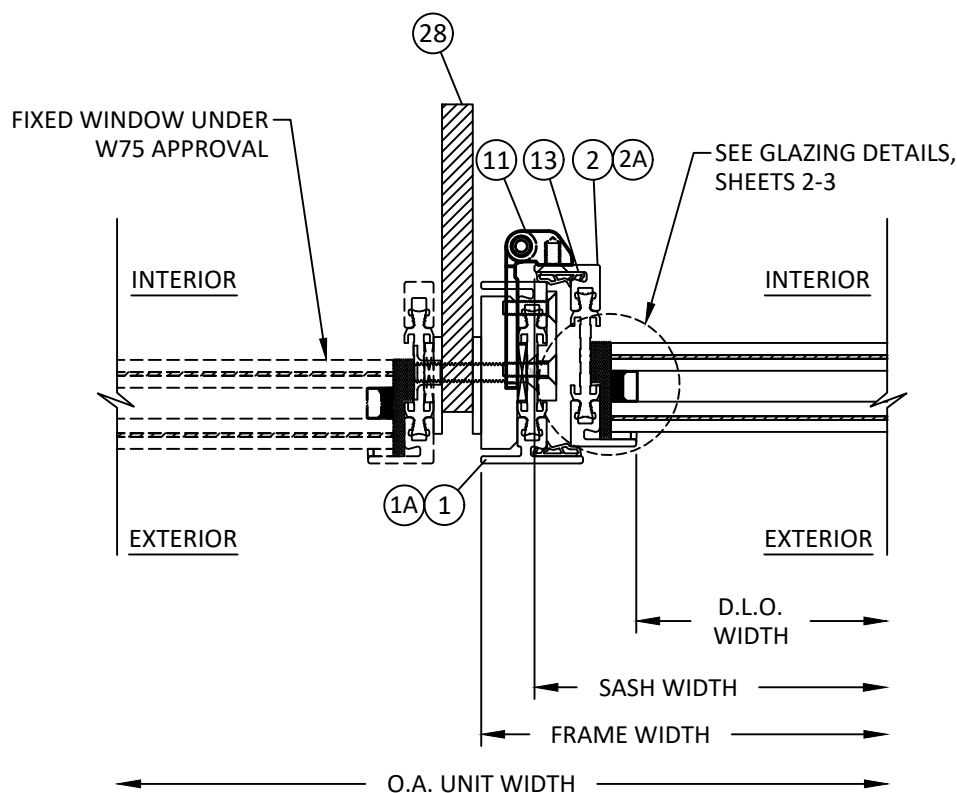
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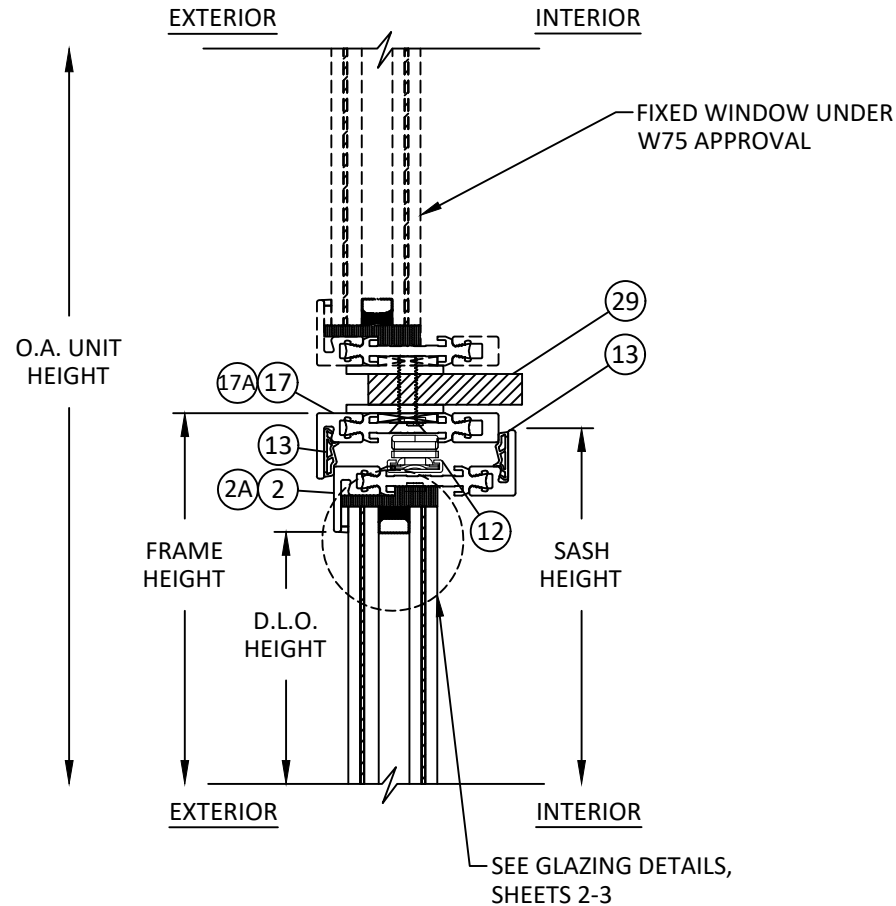
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JR	HFN
SCALE:	NTS
DWG. #:	RWD019
SHEET:	16

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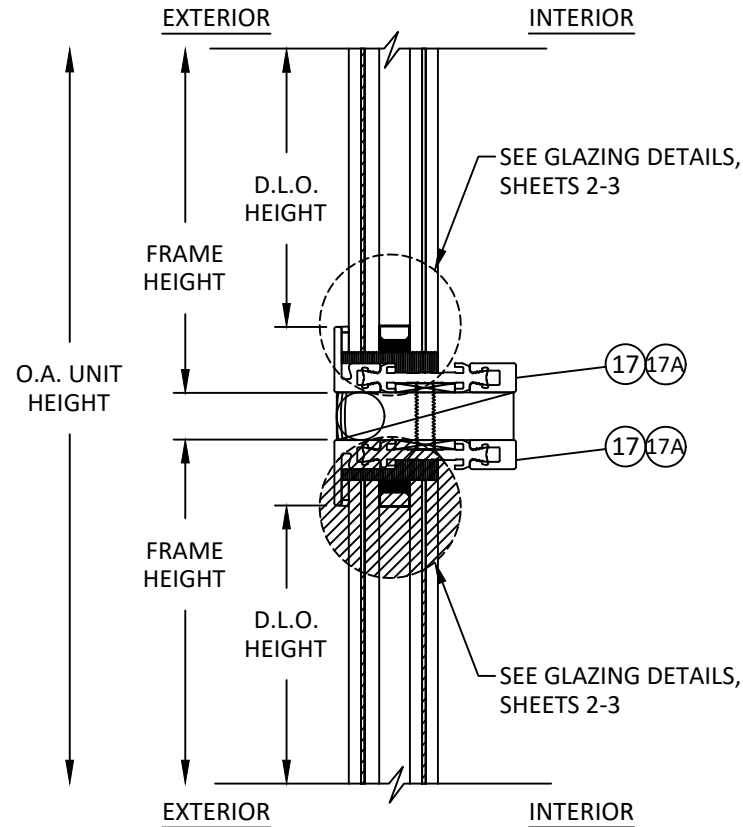
A
17 HORIZONTAL SECTION
1/2" X 5" MULLION DETAIL

NOTE: VERTICAL MULLION DETAIL SHOWN
QUALIFIED AS HORIZONTAL MULLION.



B
17 VERTICAL SECTION
1/2" X 2-1/2" MULLION DETAIL

NOTE: HORIZONTAL MULLION DETAIL SHOWN
QUALIFIED AS VERTICAL MULLION.



C
17 VERTICAL SECTION
TRANSOM TO SIDELITE MULLION

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MULLION SECTIONS

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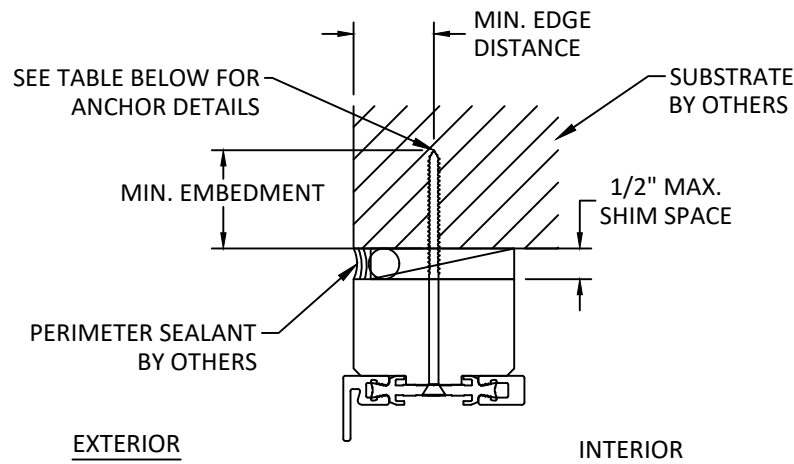
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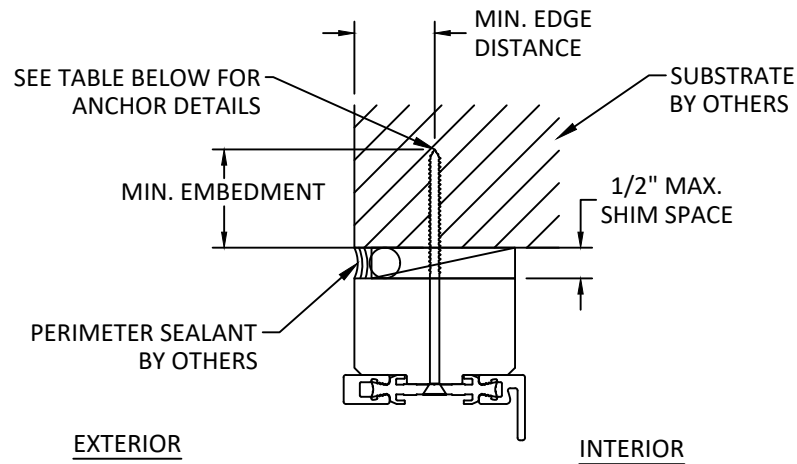


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JR	HFN
SCALE:	NTS
DWG. #:	RWD019
SHEET:	17

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A
18 **VERTICAL SECTION**
HEAD - THROUGH FRAME
JAMB AND SILL SIMILAR
INSIDE GLAZED



B
18 **VERTICAL SECTION**
HEAD - THROUGH FRAME
JAMB AND SILL SIMILAR
OUTSIDE GLAZED

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN FOR THROUGH FRAME INSTALLATION AND TWO (2) INSTALLATION ANCHORS ARE REQUIRED AT EACH ANCHOR LOCATION SHOWN FOR CLIP AND ANGLE INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/4$ 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.
- 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.
- 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.

ANCHOR SCHEDULE					
METHOD	QUANTITY PER LOCATION	SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME	1	WOOD: MIN. SG = 0.55	#10 / #12 WOOD SCREW	1.50"	0.75"
		METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI ALUMINUM: 1/8" MIN., 6063-T5	#10 / #12 SELF-DRILLING SCREW	3 THREADS MIN PENETRATION BEYOND STRUCTURE	0.50"
		CONCRETE: f'c=3000PSI	3/16" / 1/4" ITW TAPCON	1.25"	2.50"
		MASONRY: CMU per ASTM C90 MIN. 2000 PSI	3/16" / 1/4" ITW TAPCON	1.00"	4.00"
ALUMINUM / STEEL FLAT CLIP, ALUMINUM / STEEL BENT EXTERIOR CLIP, ALUMINUM / STEEL BENT INTERIOR CLIP, ALUMINUM / STEEL ANGLE	2	WOOD: MIN. SG = 0.55	#10 / #12 WOOD SCREW	1.50"	0.75"
		METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI ALUMINUM: 1/8" MIN., 6063-T5	#10 / #12 SELF-DRILLING SCREW	3 THREADS MIN PENETRATION BEYOND STRUCTURE	0.50"
		CONCRETE: f'c=3000PSI	3/16" / 1/4" ITW TAPCON	1.25"	2.50"
		MASONRY: CMU per ASTM C90 MIN. 2000 PSI	3/16" / 1/4" ITW TAPCON	1.00"	4.00"

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CASEMENT WINDOW
(WZ3) (IMPACT)

ANCHOR DETAILS,
ANCHOR SCHEDULE, &
INSTALLATION NOTES

PREPARED BY:

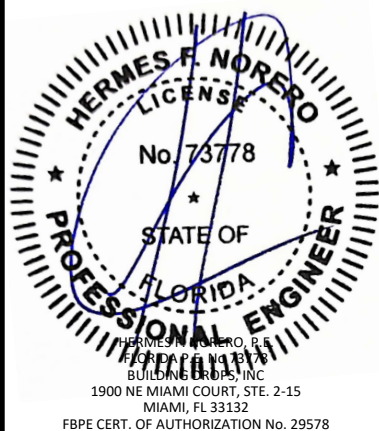
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DATE: **05.21.2025**

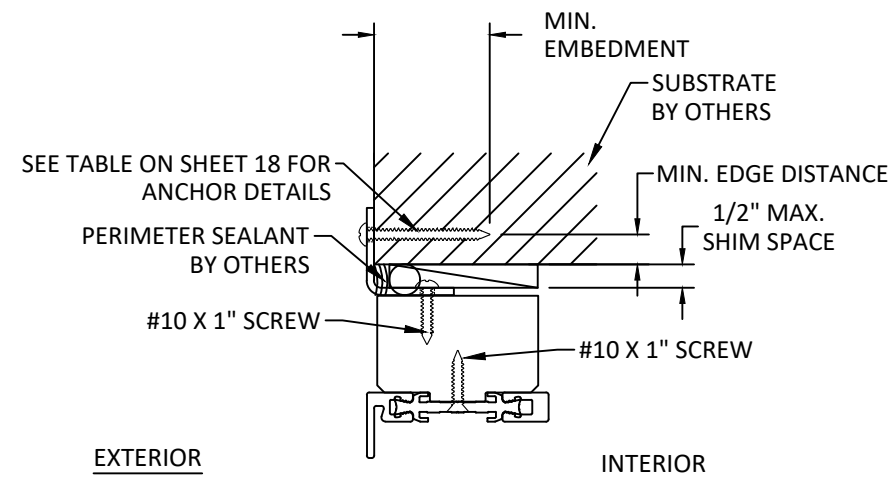
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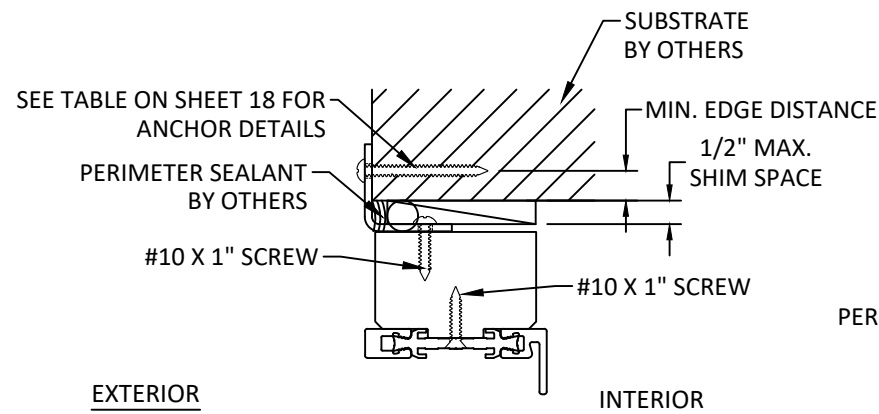
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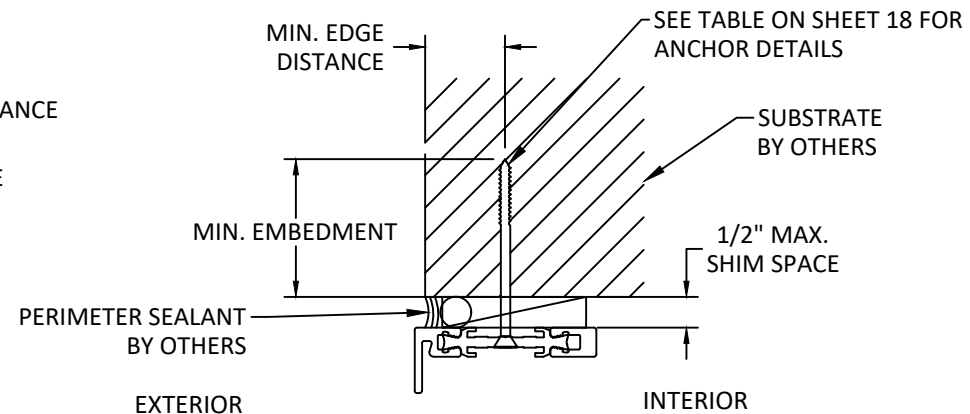
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A
19 VERTICAL SECTION
HEAD - ALUMINUM/STEEL BENT EXT. CLIP
JAMB AND SILL SIMILAR
INSIDE GLAZED

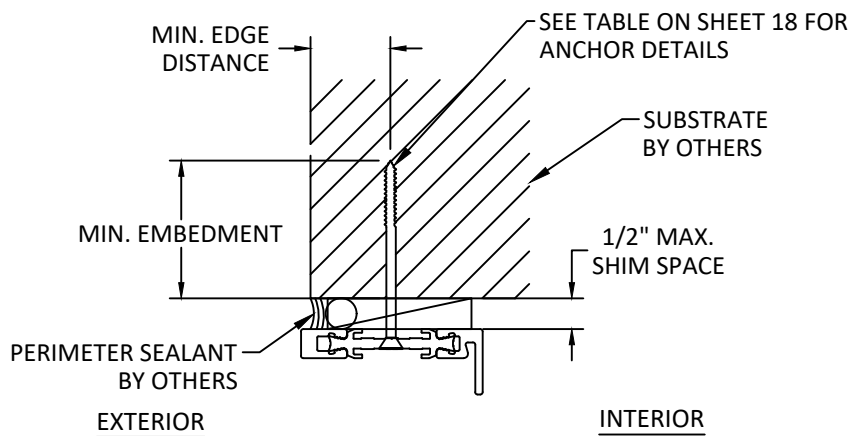


B
19 VERTICAL SECTION
HEAD - ALUMINUM/STEEL BENT EXT. CLIP
JAMB AND SILL SIMILAR
OUTSIDE GLAZED



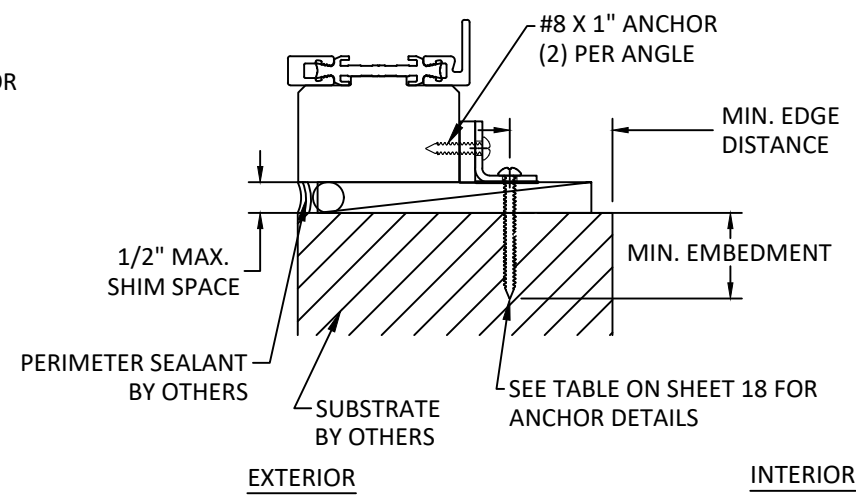
C
19 VERTICAL SECTION
HEAD - THROUGH FRAME
JAMB AND SILL SIMILAR
INSIDE GLAZED

NOTE: THROUGH FRAME INSTALLATION WITHOUT
BLOCKING ONLY QUALIFIED FOR FLAT PROFILE.

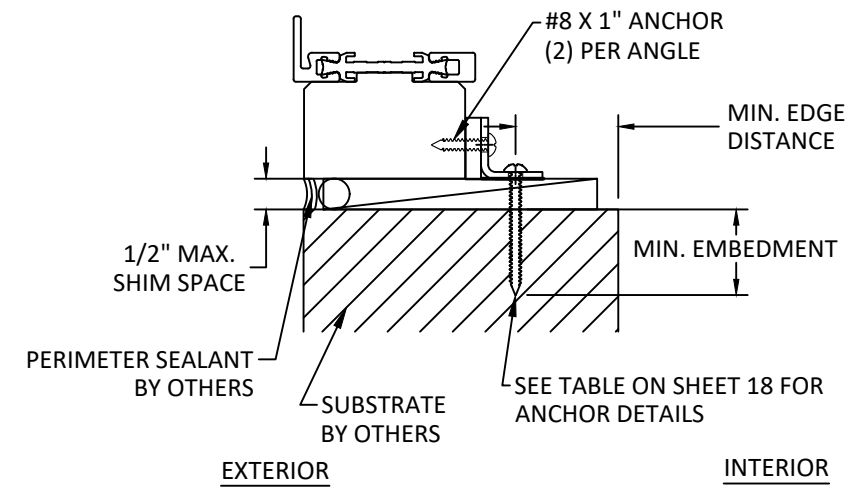


D
19 VERTICAL SECTION
HEAD - THROUGH FRAME
JAMB AND SILL SIMILAR
OUTSIDE GLAZED

NOTE: THROUGH FRAME INSTALLATION WITHOUT
BLOCKING ONLY QUALIFIED FOR FLAT PROFILE.



E
19 VERTICAL SECTION
SILL - 3/4" X 3/4" ALUMINUM/STEEL ANGLE
OUTSIDE GLAZED



F
19 VERTICAL SECTION
SILL - 3/4" X 3/4" ALUMINUM/STEEL ANGLE
INSIDE GLAZED

TITLE: W75 INSWING & OUTSWING
CASEMENT WINDOW
(WZ3) (IMPACT)

ANCHOR DETAILS

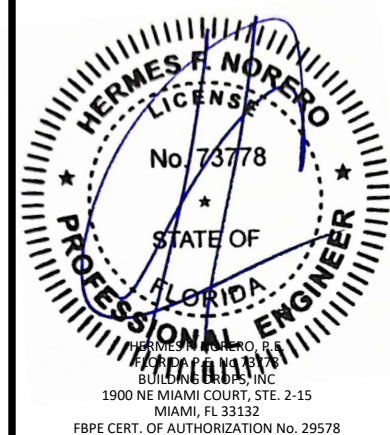
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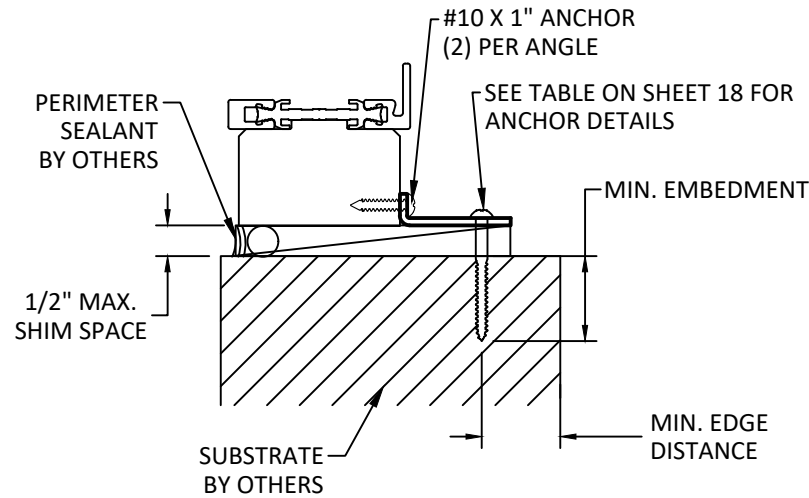
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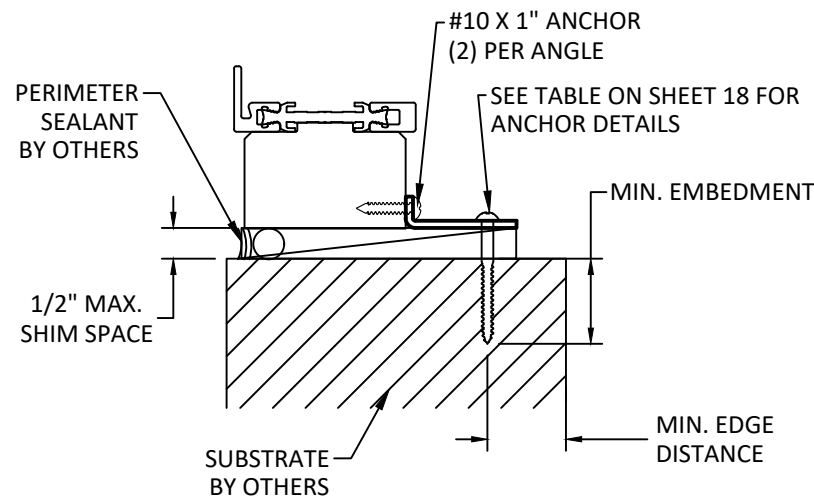
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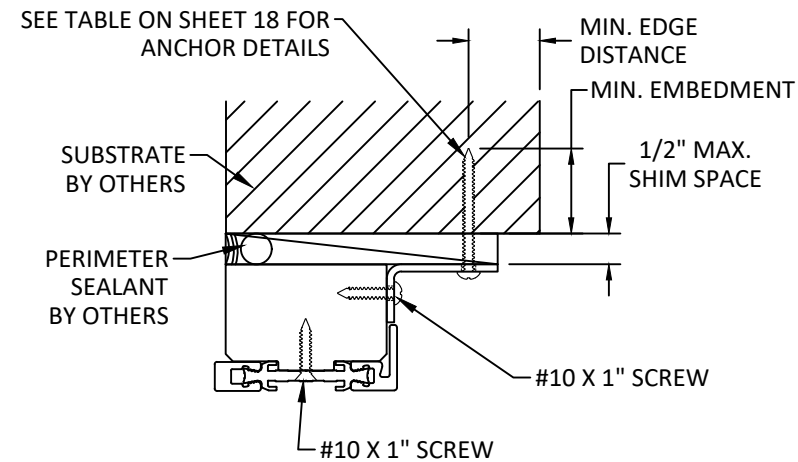
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A
20 VERTICAL SECTION
SILL - 1/2" X 1-4/5" ALUMINUM/STEEL ANGLE
OUTSIDE GLAZED



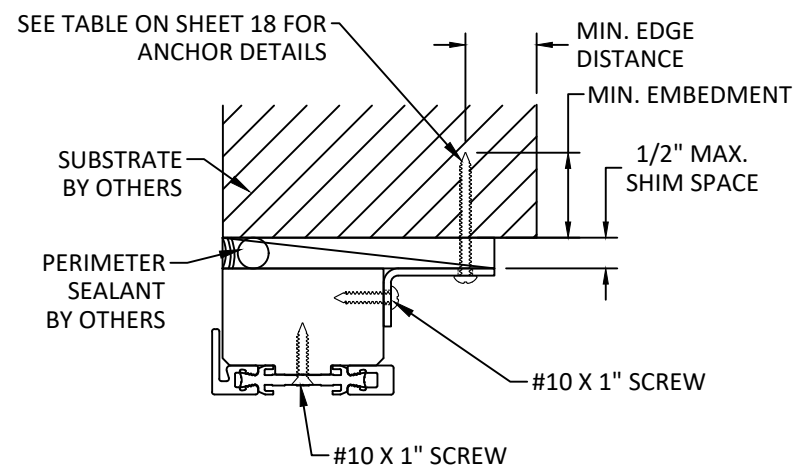
EXTERIOR INTERIOR

B
20 VERTICAL SECTION
SILL - 1/2" X 1-4/5" ALUMINUM/STEEL ANGLE
INSIDE GLAZED



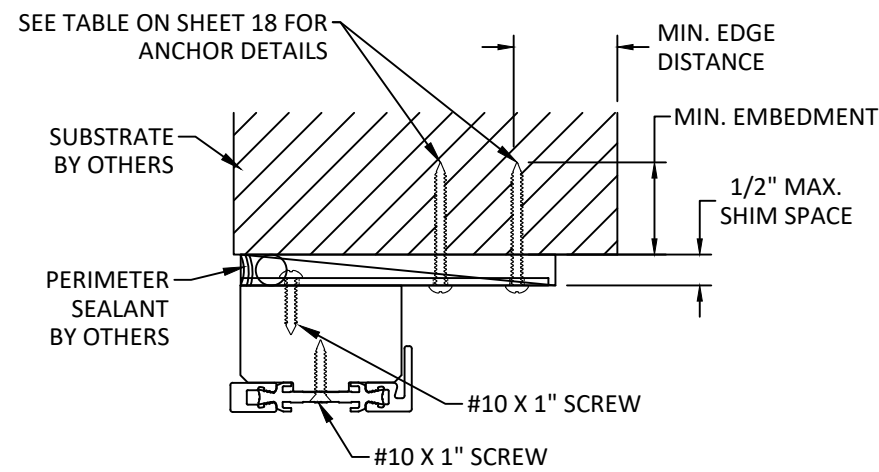
EXTERIOR INTERIOR

C
20 VERTICAL SECTION
HEAD - ALUMINUM/STEEL BENT INT. CLIP
JAMB SIMILAR
OUTSIDE GLAZED



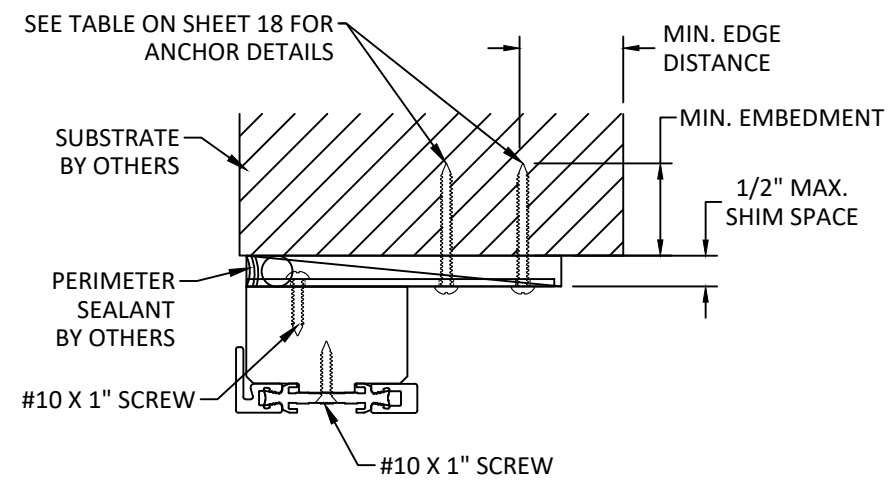
EXTERIOR INTERIOR

D
20 VERTICAL SECTION
HEAD - ALUMINUM/STEEL BENT INT. CLIP
JAMB SIMILAR
INSIDE GLAZED



EXTERIOR INTERIOR

E
20 VERTICAL SECTION
HEAD - ALUMINUM/STEEL FLAT CLIP
JAMB SIMILAR
OUTSIDE GLAZED



EXTERIOR INTERIOR

F
20 VERTICAL SECTION
HEAD - ALUMINUM/STEEL FLAT CLIP
JAMB SIMILAR
INSIDE GLAZED

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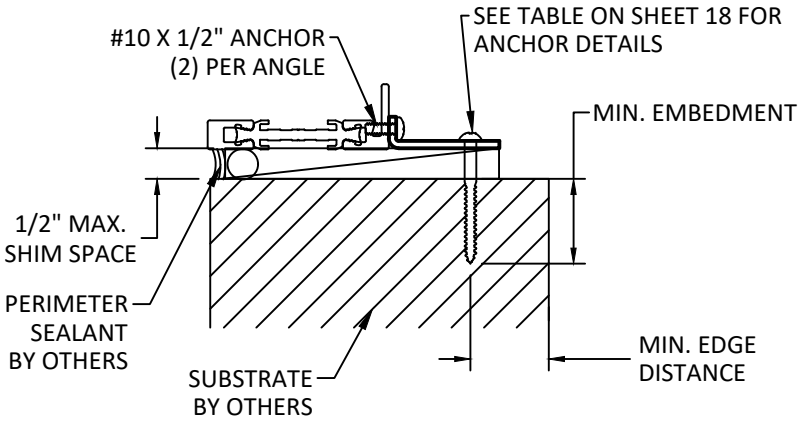
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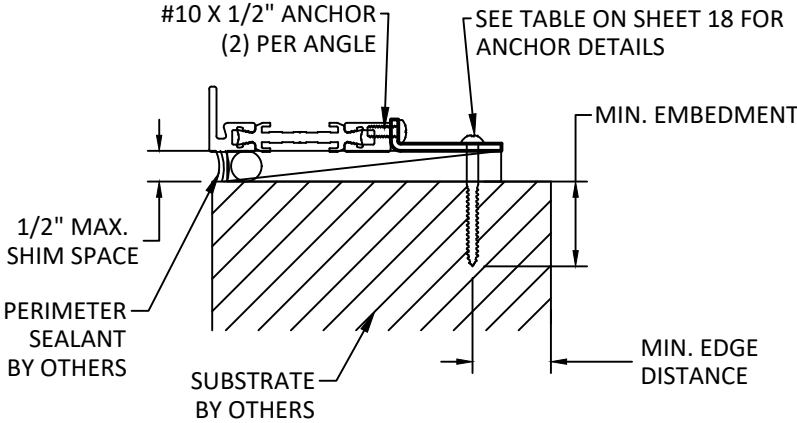
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EXTERIOR

INTERIOR

A
21 VERTICAL SECTION
SILL - 1/2" X 1-4/5" ALUMINUM/STEEL ANGLE
OUTSIDE GLAZED



EXTERIOR

INTERIOR

B
21 VERTICAL SECTION
SILL - 1/2" X 1-4/5" ALUMINUM/STEEL ANGLE
INSIDE GLAZED

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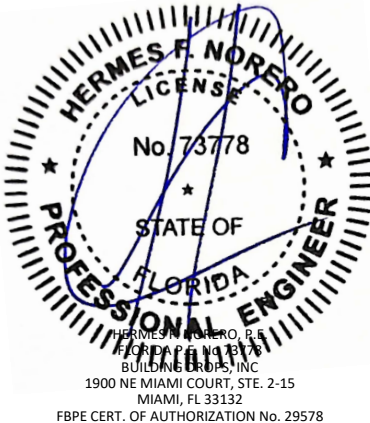
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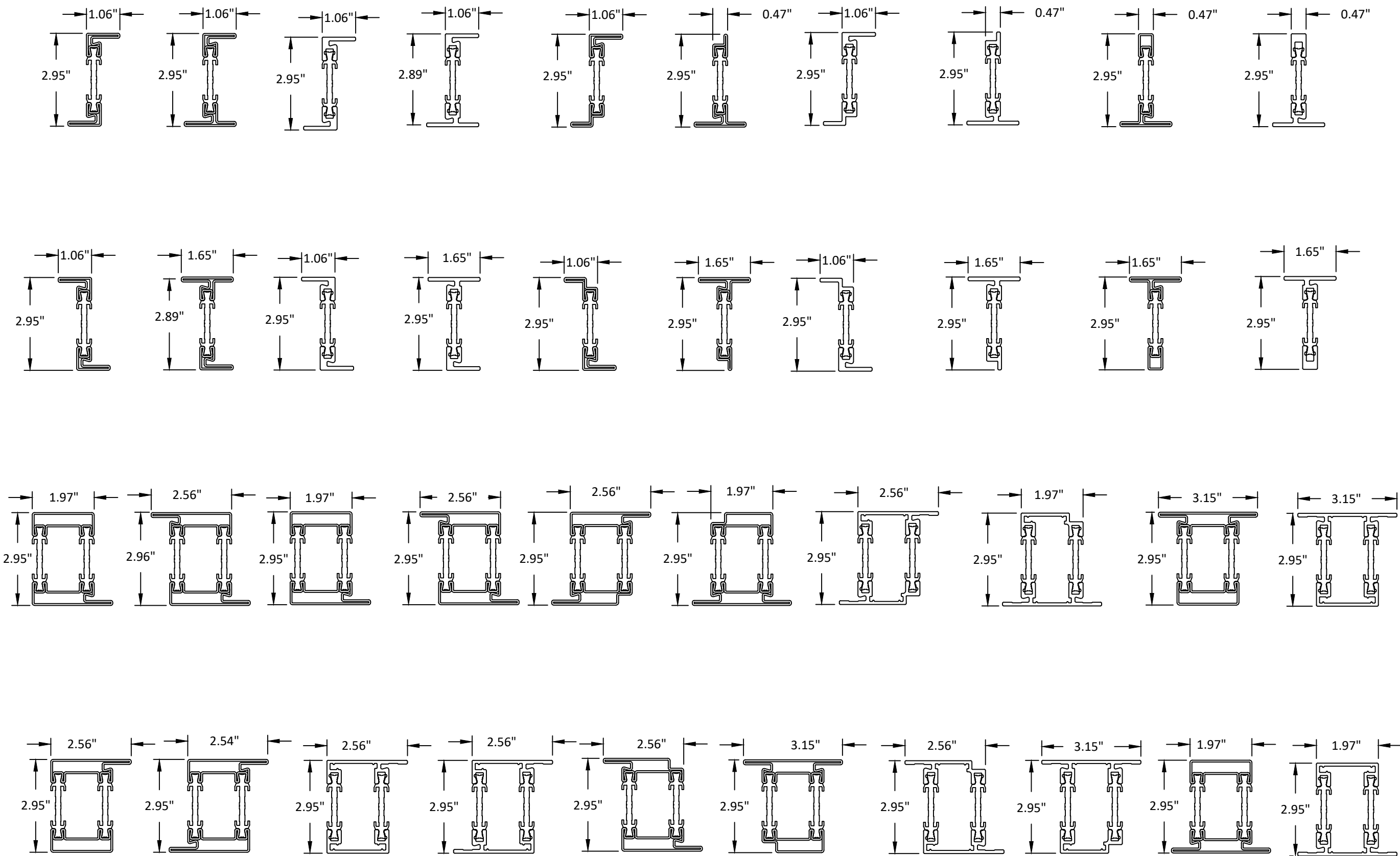
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QUALIFIED FRAME PROFILE OPTIONS



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PROFILE OPTIONS

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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 COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL47694

DATE: 05.21.2025

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CHK. BY: HFN

SCALE: NTS

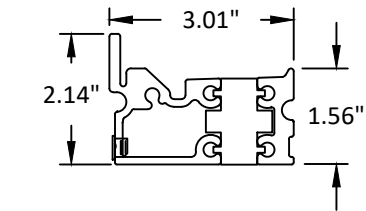
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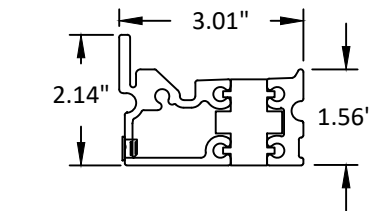
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BILL OF MATERIALS			
ITEM#	DESCRIPTION	MATERIAL	MANUFACTURER
1	FRAME JAMB	BRONZE	OTTOSTUMM
1A	FRAME JAMB	VARIES	OTTOSTUMM
2	SASH	BRONZE	OTTOSTUMM
2A	SASH	VARIES	OTTOSTUMM
3	SILL	BRONZE	REILLY
3A	SILL	VARIES	REILLY
4	SASH	BRONZE	OTTOSTUMM
4A	SASH	VARIES	OTTOSTUMM
5	BLOCKING	PE	VARIES
6	KEEPER	STAINLESS STEEL	REILLY
7	NUT BAR	STAINLESS STEEL	REILLY
8	KEEPER	STAINLESS STEEL	REILLY
9	LOCKING POINT	VARIES	REILLY
10	OPPERATOR	STEEL	OTTOSTUMM
11	HINGE	BRASS	SWF
12	FRICTION ADJUSTER	STAINLESS STEEL	CALDWELL
13	WEATHER STRIPPING	N/A	OTTOSTUMM
14	WEATHER STRIPPING	N/A	OTTOSTUMM
15	END CAP	COMPOSITE	REILLY
16	1/2" X 1-4/5" ANGLE	6061-T6 ALUMINUM OR STAINLESS STEEL	REILLY
17	FRAME JAMB	BRONZE	OTTOSTUMM
17A	FRAME JAMB	VARIES	OTTOSTUMM
18	LOCKING RAIL	BRONZE	OTTOSTUMM
18A	LOCKING RAIL	VARIES	OTTOSTUMM

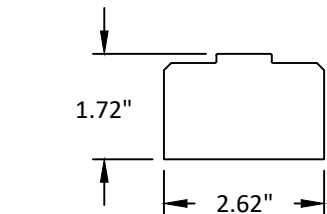
19	BLOCKING	PE	VARIES
20	BLOCKING	PE	VARIES
21	BLOCKING	PE	VARIES
22	BLOCKING	PE	VARIES
23	BENT EXTERIOR CLIP	6061-T6 ALUMINUM OR STAINLESS STEEL	REILLY
24	SASH	BRONZE	OTTOSTUMM
24A	SASH	VARIES	OTTOSTUMM
25	FRAME JAMB	BRONZE	OTTOSTUMM
25A	FRAME JAMB	VARIES	OTTOSTUMM
26	FLAT CLIP	6061-T6 ALUMINUM OR STAINLESS STEEL	REILLY
27	3/4" X 3/4" ANGLE	6061-T6 ALUMINUM OR STAINLESS STEEL	REILLY
28	1/2" X 5" BAR	STEEL	REILLY
29	2-1/2" X 1/2" BAR	STEEL	REILLY
30	BENT INTERIOR CLIP	6061-T6 ALUMINUM OR STAINLESS STEEL	REILLY



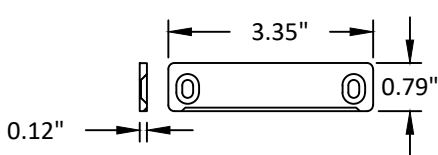
3 SILL
BRONZE



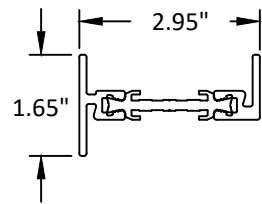
3A SILL
VARIES



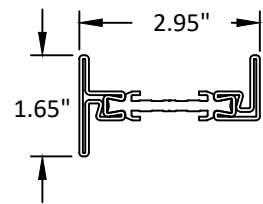
5 BLOCKING
PE



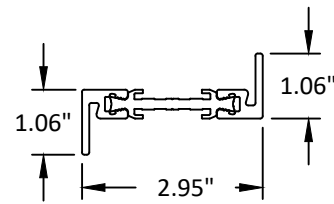
6 KEEPER
STAINLESS STEEL



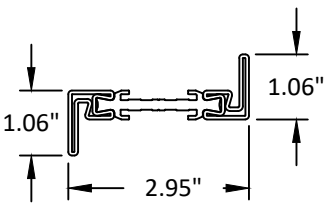
1 FRAME JAMB
BRONZE



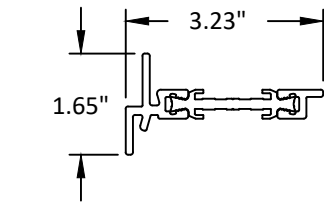
1A FRAME JAMB
VARIES



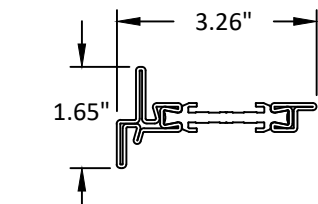
2 SASH
BRONZE



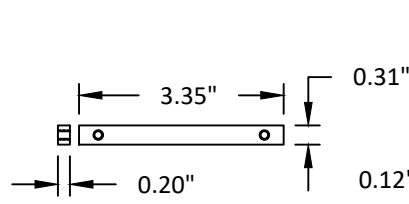
2A SASH
VARIES



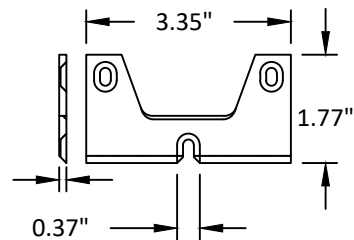
4 SASH
BRONZE



4A SASH
VARIES



7 NUT BAR
STAINLESS STEEL



8 KEEPER
STAINLESS STEEL

TITLE: W75 INSWING & OUTSWING
CASEMENT WINDOW
(WZ3) (IMPACT)

BILL OF MATERIALS & COMPONENTS

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



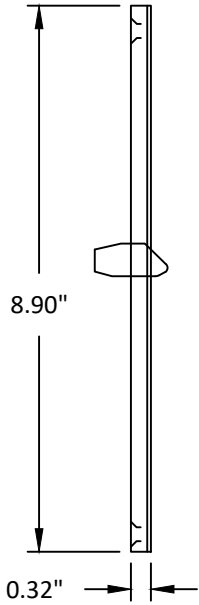
REMARKS	BY	DATE

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.

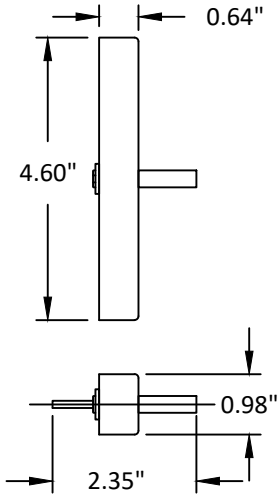


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DATE:	05.21.2025
DWG. BY:	JR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	RWD019
SHEET:	23

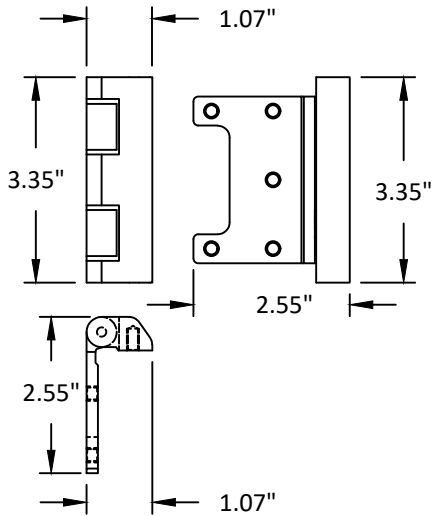
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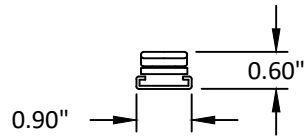
9 LOCKING POINT
VARIES



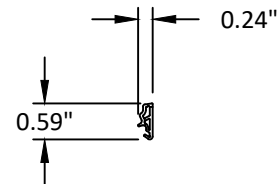
10 OPERATOR
STEEL



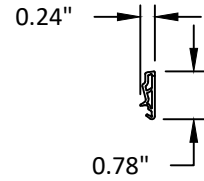
11 HINGE
BRASS



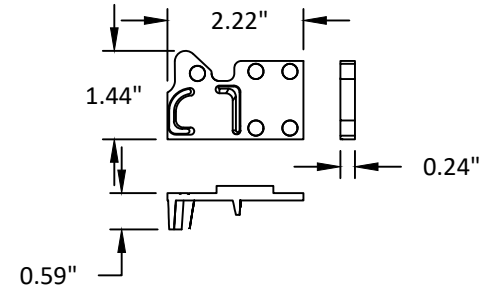
12 FRICTION ADJUSTER
STAINLESS STEEL



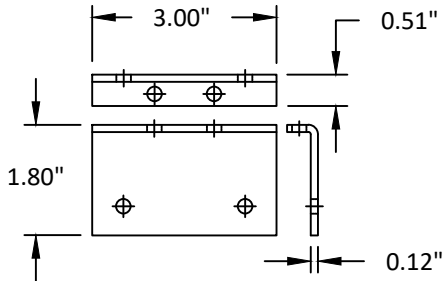
14 WEATHER STRIPPING



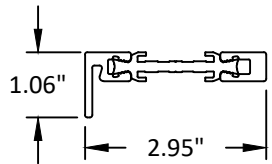
13 WEATHER STRIPPING



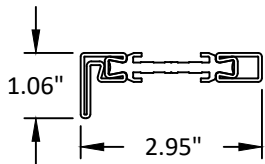
15 END CAP
COMPOSITE



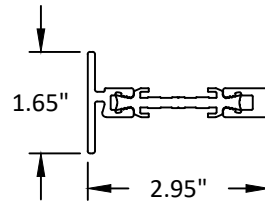
16 1/2" X 1-4/5" ANGLE
6061-T6 ALUMINUM
OR STAINLESS STEEL



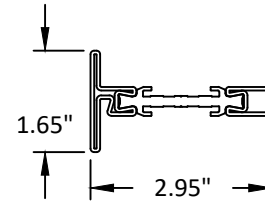
17 FRAME JAMB
BRONZE



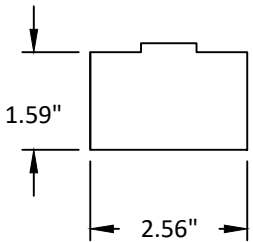
17A FRAME JAMB
VARIES



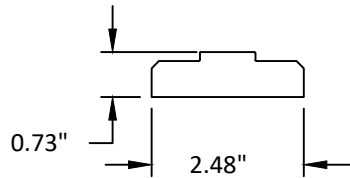
18 LOCKING RAIL
BRONZE



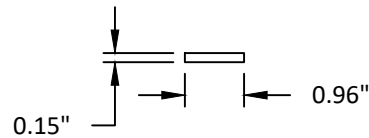
18A LOCKING RAIL
VARIES



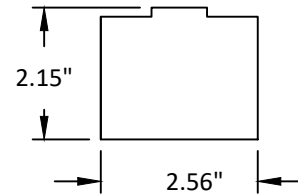
19 BLOCKING
PE



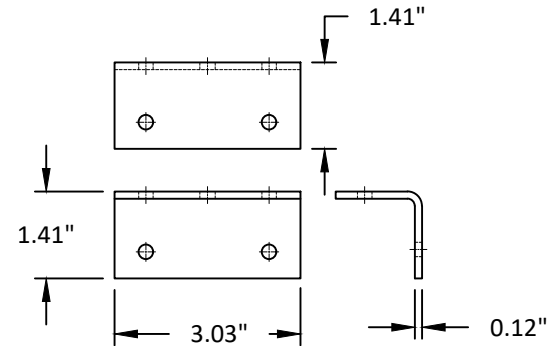
20 BLOCKING
PE



21 BLOCKING
PE



22 BLOCKING
PE



23 BENT EXTERIOR CLIP
6061-T6 ALUMINUM
OR STAINLESS STEEL

REILLY
ARCHITECTURAL

901 Burman Blvd, Building 701 Calverton, NY 11933
P 631-208-0710 F 631-208-0711 www.reillyarch.com

TITLE: W75 INSWING & OUTSWING
CASEMENT WINDOW
(WZ3) (IMPACT)

COMPONENTS

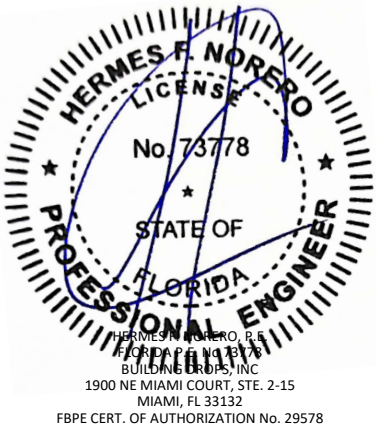
PREPARED BY: BUILDING DROPS, INC.

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



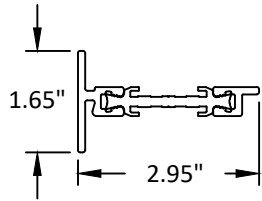
REMARKS	BY	DATE

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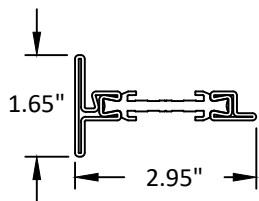


FL #:	FL47694
DATE:	05.21.2025
DWG. BY:	CHK. BY:
JR	HFN
SCALE:	NTS
DWG. #:	RWD019
SHEET:	24

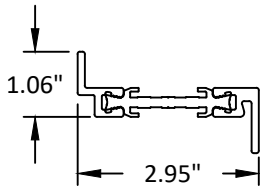
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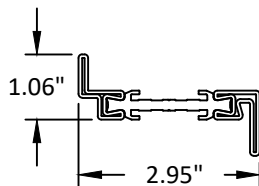
24 SASH
BRONZE



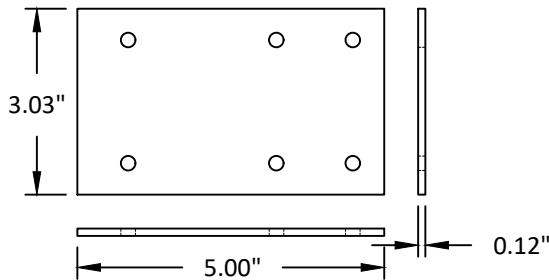
24A SASH
VARIES



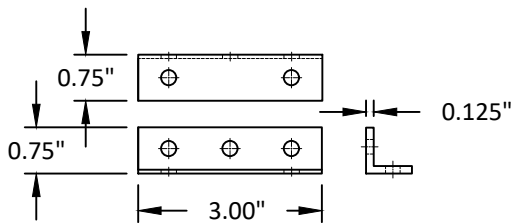
25 FRAME JAMB
BRONZE



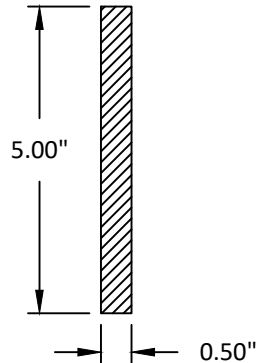
25A FRAME JAMB
VARIES



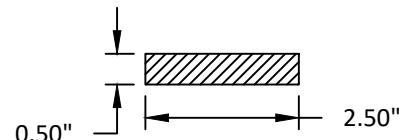
26 FLAT CLIP
6061-T6 ALUMINUM OR STAINLESS STEEL



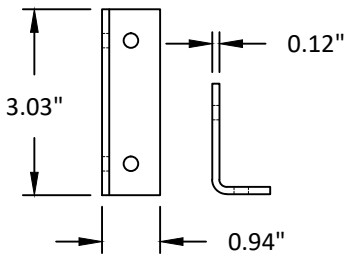
27 3/4" X 3/4" ANGLE
6061-T6 ALUMINUM OR STAINLESS STEEL



28 1/2" X 5" BAR
STEEL



29 2-1/2" X 1/2" BAR
STEEL



30 BENT INTERIOR CLIP
6061-T6 ALUMINUM
OR STAINLESS STEEL

REILLY ARCHITECTURAL

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TITLE: W75 INSWING & OUTSWING
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