

c:\users\lucianosanchez\building drops, inc\building drops landing - documents\common\projects\2026 code change projects\reilly architectural\cc-26-0587.1 - 2026 code change projects\dwgs\147693-r0\rwd017.dwg 7/9/2026 2:50 PM

REILLY ARCHITECTURAL

W75 FIXED WINDOW

(WZ3)(IMPACT)

GENERAL NOTES:

- 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 E1886-19
 - ASTM E1996-20
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
 - AAMA/WDMA/CSA 101/I.S.2/A440-22
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING, AND METAL FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONE 3 OR LESS.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONE 4.
- WINDOW FRAME MATERIAL: BRONZE, GALVANIZED STEEL, COR-TEN STEEL, OR STAINLESS STEEL.
- GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 2 FOR GLAZING DETAILS.

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DESIGN PRESSURE RATING (PSF)			
WIDTH (IN.)	HEIGHT (IN.)	DESIGN PRESSURE	MISSILE IMPACT RATING
86.417"	86.417"	+/- 70 PSF	LARGE & SMALL MISSILE IMPACT
79.594"	96.00"		
38.4"	96.00"	+/- 60.15 PSF	

*NOTE: SEE SHEET 3-5 FOR ALTERNATE SIZES, PRESSURES AND CONFIGURATIONS

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TITLE:
W75 FIXED WINDOW (WZ3) (IMPACT)

GENERAL NOTES

PREPARED BY:

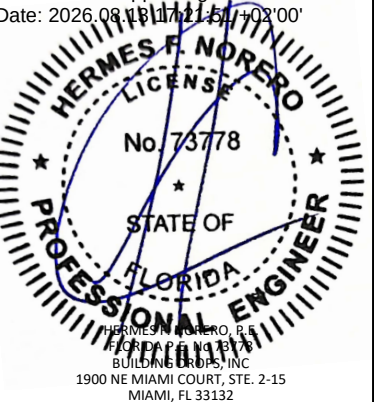
BUILDING DROPS

BUILDING DROPS, INC.
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REMARKS	BY	DATE
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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.08.15 17:21:57 -03'00'

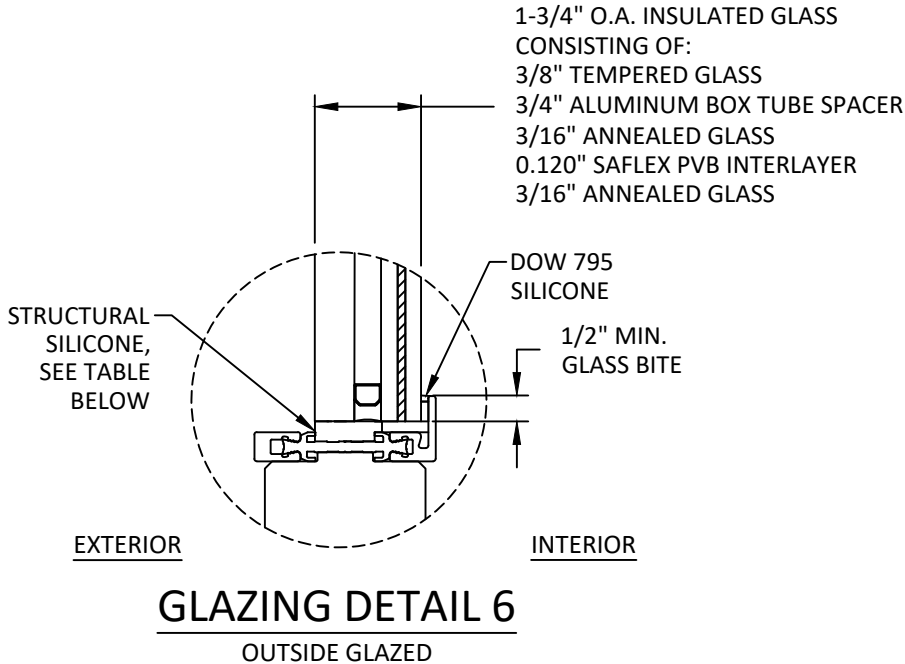
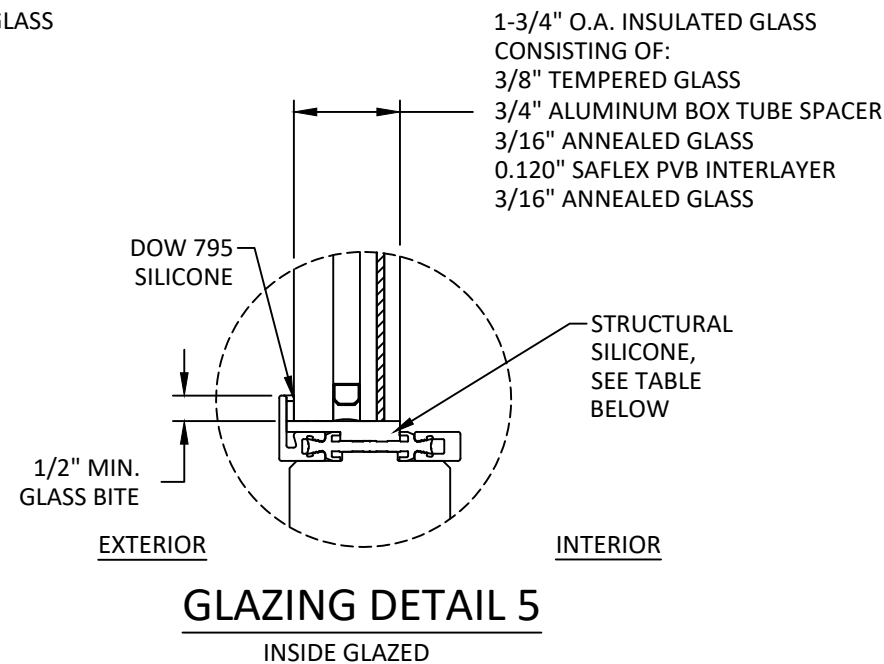
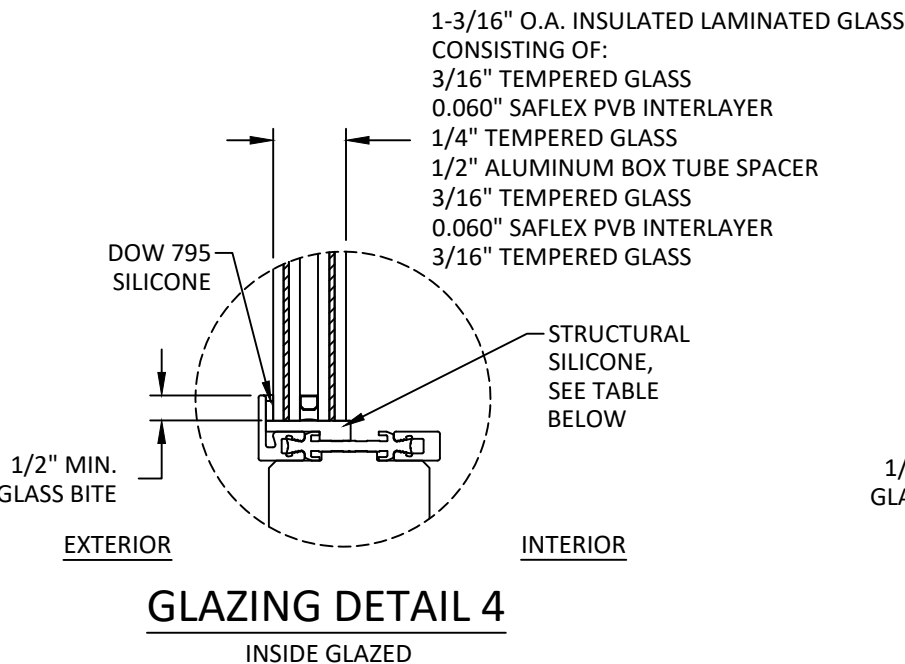
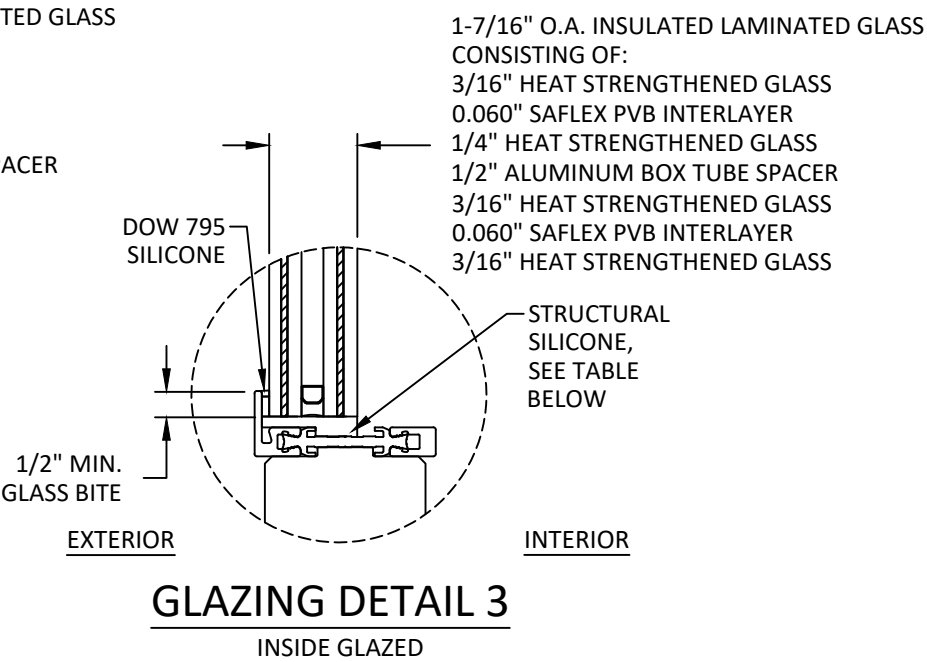
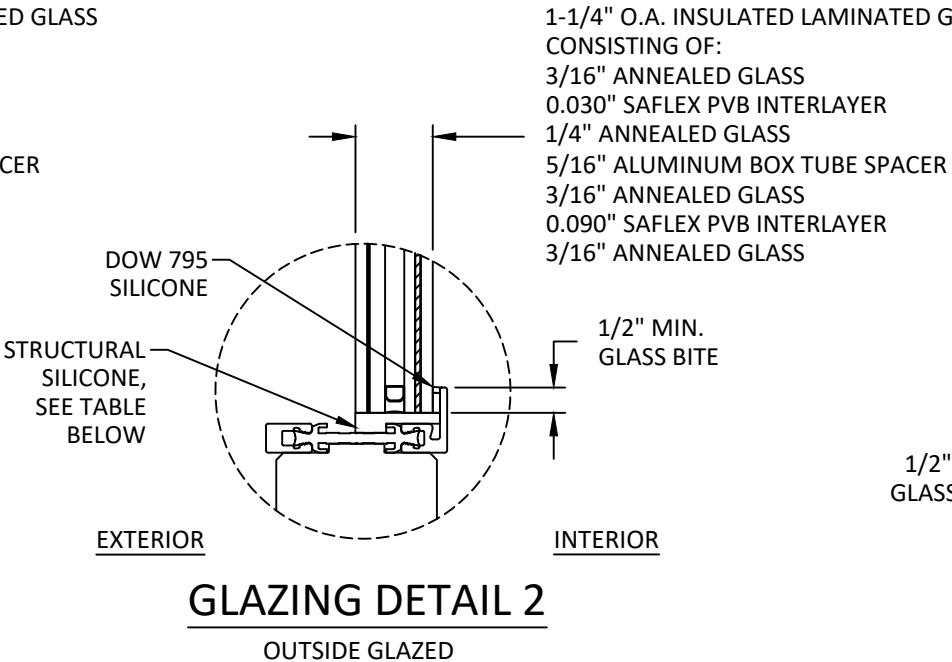
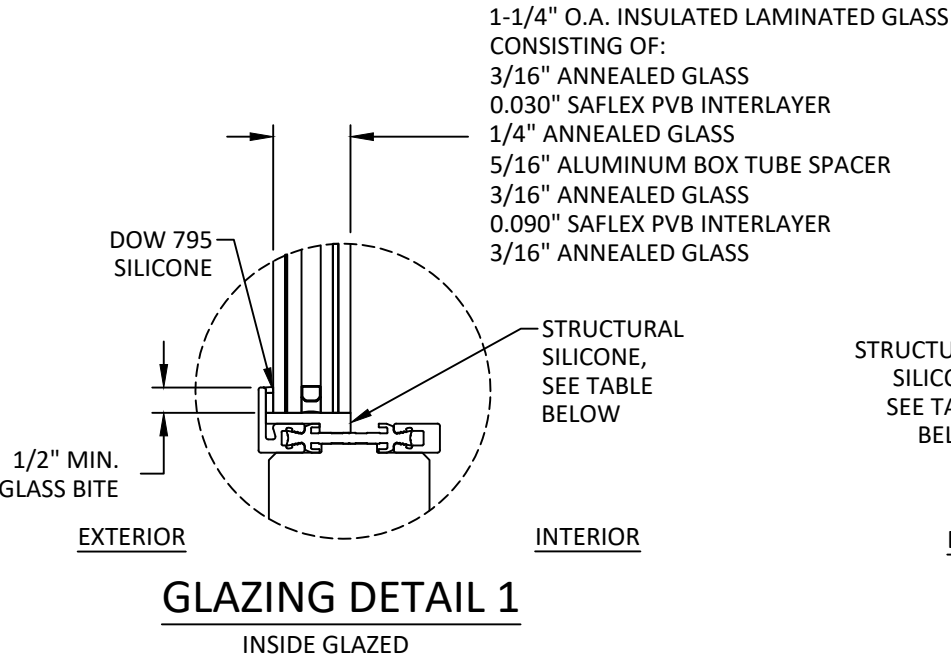


HERMES F. NORERO, P.E.
LICENSE
No. 73778
STATE OF FLORIDA
PROFESSIONAL ENGINEER

HERMES F. NORERO, P.E.
BUILDING DROPS, INC.
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MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:	FL47693
DATE:	05.20.2025
DWG. BY:	CHK. BY:
JR	HFN
SCALE:	NTS
DWG. #:	RWD017
SHEET:	REV.
1	A
OF 15	

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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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W75 FIXED WINDOW
(WZ3) (IMPACT)

GLAZING DETAILS

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FL #: **FL47693**

DATE: **05.20.2025**

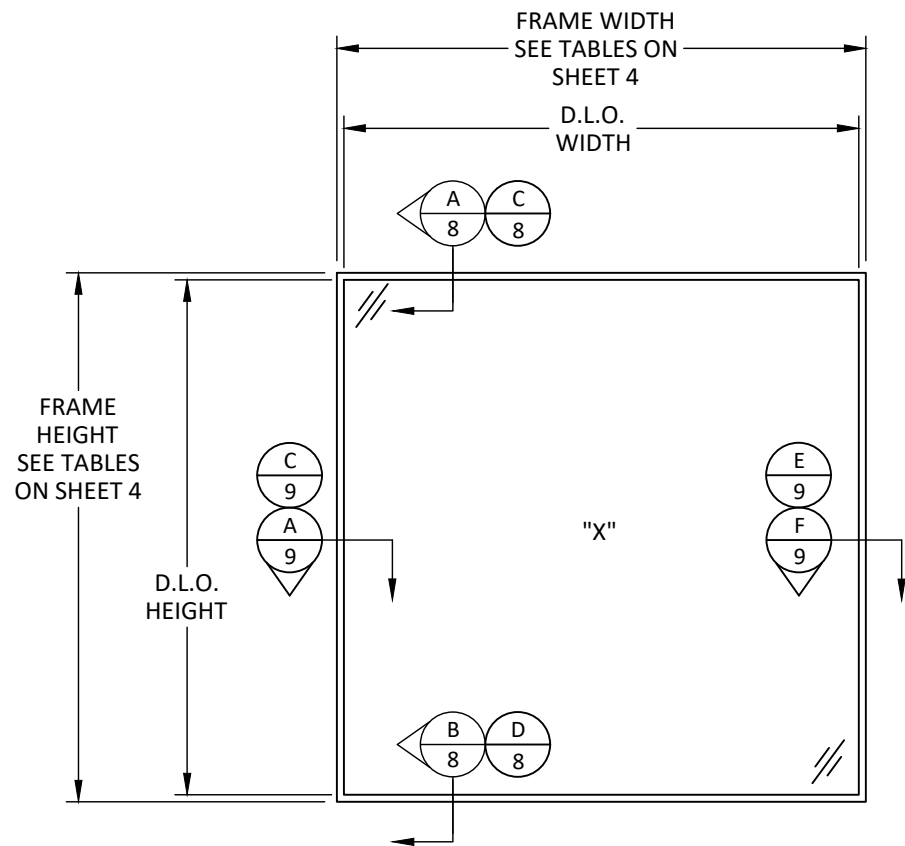
DWG. BY: **JR** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **RWD017**

SHEET: **2** REV. **A**

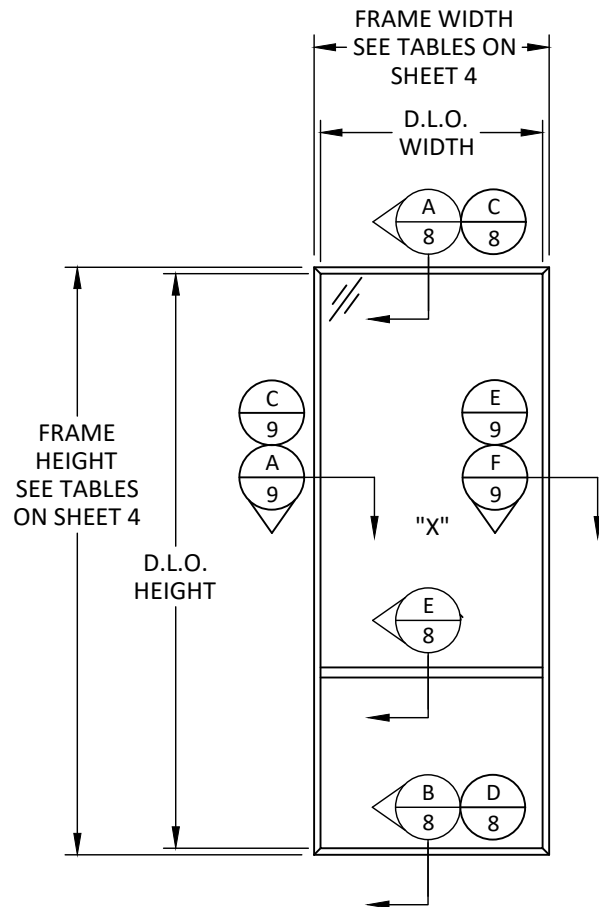
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ELEVATION
W75 FIXED WINDOW

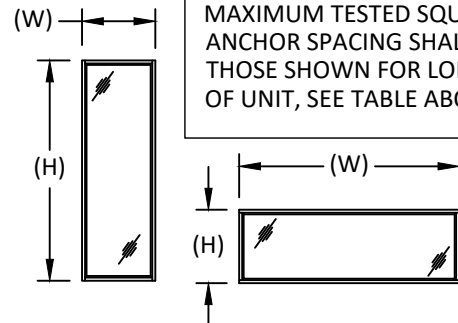
W75 FIXED WINDOW SIZE NOTES:
D.L.O. WIDTH = FRAME WIDTH - 2.13"
D.L.O. HEIGHT = FRAME HEIGHT - 2.13"

NOTE: SEE DESIGN PRESSURE TABLES FOR
THESE UNITS ON SHEET 4.



ELEVATION
W75 FIXED WINDOW WITH MIDRAIL

W75 SIDELITE WITH MIDRAIL SIZE NOTES:
D.L.O. WIDTH = FRAME WIDTH - 2.13"
D.L.O. HEIGHT = FRAME HEIGHT - 2.13"



NOTE:
WINDOW WIDTH (W) AND HEIGHT
(H) ARE INTERCHANGEABLE FOR ALL
SIZES SHOWN HEREIN NOT TO EXCEED
MAXIMUM TESTED SQUARE FOOT AREA.
ANCHOR SPACING SHALL NOT EXCEED
THOSE SHOWN FOR LONG OR SHORT LEG
OF UNIT, SEE TABLE ABOVE AND SHEET 3.

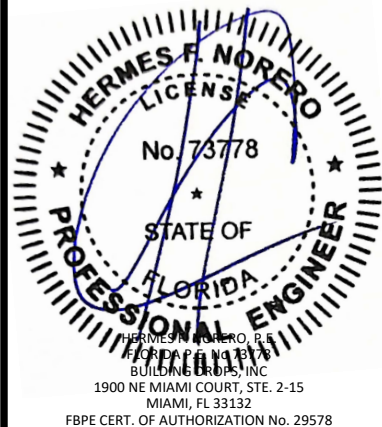
TITLE: W75 FIXED WINDOW
(WZ3) (IMPACT)

ELEVATIONS

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REMARKS	BY	DATE
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FL #:	FL47693
DATE:	05.20.2025
DWG. BY:	JR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	RWD017
SHEET:	3
REV.	A
OF 15	

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DESIGN PRESSURE CHART (PSF) (+/-)				
FRAME WIDTH (IN.)	FRAME HEIGHT (IN.)	G1 / G2	G3 / G4	G5 / G6
30	84	70.00	60.00	60.00
36		70.00	60.00	60.00
39.37		70.00	60.00	60.00
42		70.00	56.24	60.00
48		70.00	-	60.00
54		70.00	-	60.00
60		70.00	-	60.00
66		70.00	-	60.00
72		70.00	-	60.00
86.417		70.00	-	58.33
90		-	-	58.33
98		-	-	58.33
30	86.417	70.00	60.00	60.00
36		70.00	60.00	60.00
39.37		70.00	60.00	60.00
42		70.00	56.24	60.00
48		70.00	-	60.00
54		70.00	-	60.00
60		70.00	-	60.00
66		70.00	-	60.00
72		70.00	-	60.00
86.417		70.00	-	56.70
90		-	-	56.70
98		-	-	56.70
30	96	70.00	60.00	60.00
36		70.00	60.00	60.00
39.37		70.00	60.00	60.00
42		70.00	-	60.00
48		70.00	-	60.00
54		70.00	-	60.00
60		70.00	-	60.00
66		69.83	-	60.00
72		67.21	-	60.00
86.417		-	-	56.70
90		-	-	54.44
98		-	-	51.04
30	102	70.00	60.00	60.00
36		70.00	60.00	60.00
39.37		70.00	-	60.00
42		70.00	-	60.00
48		70.00	-	60.00
54		70.00	-	60.00
60		70.00	-	60.00
66		67.74	-	60.00
72		64.92	-	60.00
86.417		-	-	56.70
90		-	-	54.44
98		-	-	50.00

W75 FIXED WINDOW DESIGN PRESSURE TABLE

DESIGN PRESSURE CHART (PSF) (+/-)				
FRAME WIDTH (IN.)	FRAME HEIGHT (IN.)	G1 / G2	G3 / G4	G5 / G6
30	108	70.00	60.00	60.00
36		70.00	-	60.00
39.37		70.00	-	60.00
42		70.00	-	60.00
48		70.00	-	60.00
54		70.00	-	60.00
60		69.80	-	60.00
66		65.99	-	60.00
72		-	-	60.00
86.417		-	-	56.70
90		-	-	54.44
98		-	-	50.00
30	114	70.00	60.00	60.00
36		70.00	-	60.00
39.37		70.00	-	60.00
42		70.00	-	60.00
48		70.00	-	60.00
54		70.00	-	60.00
60		68.41	-	60.00
66		-	-	60.00
72		-	-	60.00
86.417		-	-	56.70
90		-	-	54.44
98		-	-	50.00
30	120	70.00	60.00	60.00
36		70.00	-	60.00
39.37		70.00	-	60.00
42		70.00	-	60.00
48		70.00	-	60.00
54		70.00	-	60.00
60		67.21	-	60.00
66		-	-	60.00
72		-	-	60.00
86.417		-	-	56.70
90		-	-	54.44
98		-	-	50.00
30	126	70.00	-	60.00
36		70.00	-	60.00
39.37		70.00	-	60.00
42		70.00	-	60.00
48		70.00	-	60.00
54		70.00	-	60.00
60		-	-	60.00
66		-	-	60.00
72		-	-	60.00
86.417		-	-	56.52
90		-	-	54.44
98		-	-	50.00

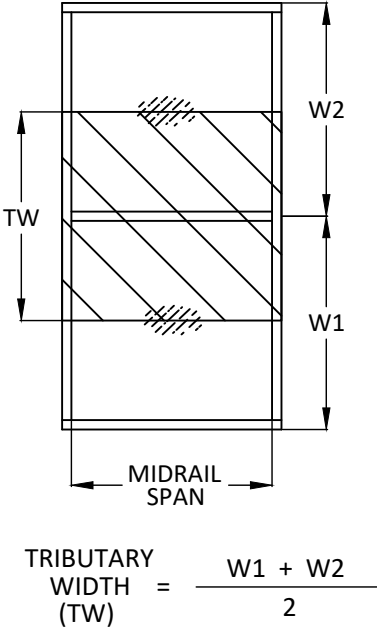
DESIGN PRESSURE CHART (PSF) (+/-)			
FRAME WIDTH (IN.)	FRAME HEIGHT (IN.)	G1 / G2	G5 / G6
30	132	70.00	60.00
36		70.00	60.00
39.37		70.00	60.00
42		70.00	60.00
48		70.00	60.00
54		70.00	60.00
60		-	60.00
66		-	60.00
72		-	60.00
86.417		-	55.21
90		-	54.10
98		-	50.00
30	138	70.00	60.00
36		70.00	60.00
39.37		70.00	60.00
42		70.00	60.00
48		70.00	60.00
54		69.64	60.00
60		-	60.00
66		-	60.00
72		-	60.00
86.417		-	54.06
90		-	52.91
98		-	50.00
30	142	70.00	60.00
36		70.00	60.00
39.37		70.00	60.00
42		70.00	60.00
48		70.00	60.00
54		-	60.00
60		-	60.00
66		-	60.00
72		-	59.71
86.417		-	53.38
90		-	52.20
98		-	50.00
30	150	70.00	60.00
36		70.00	60.00
39.37		70.00	60.00
42		70.00	60.00
48		70.00	60.00
54		-	60.00
60		-	60.00
66		-	60.00
72		-	58.65
86.417		-	52.16
90		-	50.94

DESIGN PRESSURE CHART (PSF) (+/-)			
FRAME WIDTH (IN.)	FRAME HEIGHT (IN.)	G1 / G2	G5 / G6
30	156	70.00	60.00
36		70.00	60.00
39.37		70.00	60.00
42		70.00	60.00
48		-	60.00
54		-	60.00
60		-	60.00
66		-	60.00
72		-	57.94
86.417		-	51.36
30	162	70.00	60.00
36		70.00	60.00
39.37		70.00	60.00
42		70.00	60.00
48		-	60.00
54		-	60.00
60		-	60.00
66		-	60.00
72		-	57.31
30	168	70.00	60.00
36		70.00	60.00
39.37		70.00	60.00
42		70.00	60.00
48		-	60.00
54		-	60.00
60		-	60.00
66		-	60.00
72		-	56.73

DESIGN PRESSURE CHART (PSF)			
TRIBUTARY WIDTH (IN.)	MIDRAIL SPAN (IN.)	EXT. (+)	INT. (-)
30	18	60.00	60.00
36		60.00	60.00
42		60.00	60.00
47		60.00	60.00
54		60.00	60.00
60		60.00	60.00
66		60.00	60.00
72		60.00	60.00
84		60.00	60.00
90		60.00	60.00
96		60.00	60.00
30	21	60.00	60.00
36		60.00	60.00
42		60.00	60.00
47		60.00	60.00
54		60.00	60.00
60		60.00	60.00
66		60.00	60.00
72		60.00	60.00
78		60.00	60.00
30	24	60.00	60.00
36		60.00	60.00
42		60.00	60.00
47		60.00	60.00
54		60.00	60.00
60		60.00	60.00
66		60.00	60.00
72		60.00	60.00
30	27	60.00	60.00
36		60.00	60.00
42		60.00	60.00
47		60.00	60.00
54		60.00	60.00
60		60.00	60.00
66		60.00	60.00
72		60.00	60.00
30	30	60.00	60.00
36		60.00	60.00
42		60.00	60.00
47		60.00	60.00
54		60.00	60.00
60		60.00	60.00
66		60.00	60.00
72		60.00	60.00
30	33	60.00	60.00
36		60.00	60.00
42		60.00	60.00
47		60.00	60.00

MIDRAIL DESIGN PRESSURE TABLE

DESIGN PRESSURE CHART (PSF)			
TRIBUTARY WIDTH (IN.)	MIDRAIL SPAN (IN.)	EXT. (+)	INT. (-)
30	37	60.00	60.00
36		60.00	60.00
42		60.00	60.00
47		60.00	60.00
30	39	52.03	52.03
36		48.97	48.97
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		20.87	20.87



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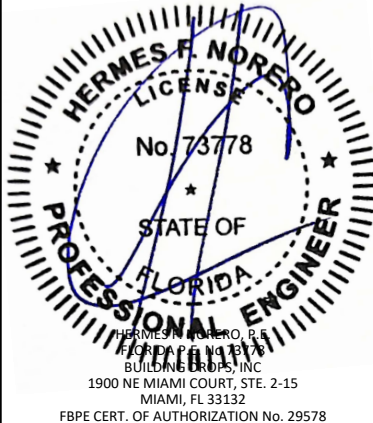
TITLE: W75 FIXED WINDOW (WZ3) (IMPACT)
DESIGN PRESSURE TABLES

PREPARED BY: BUILDING DROPS, INC.
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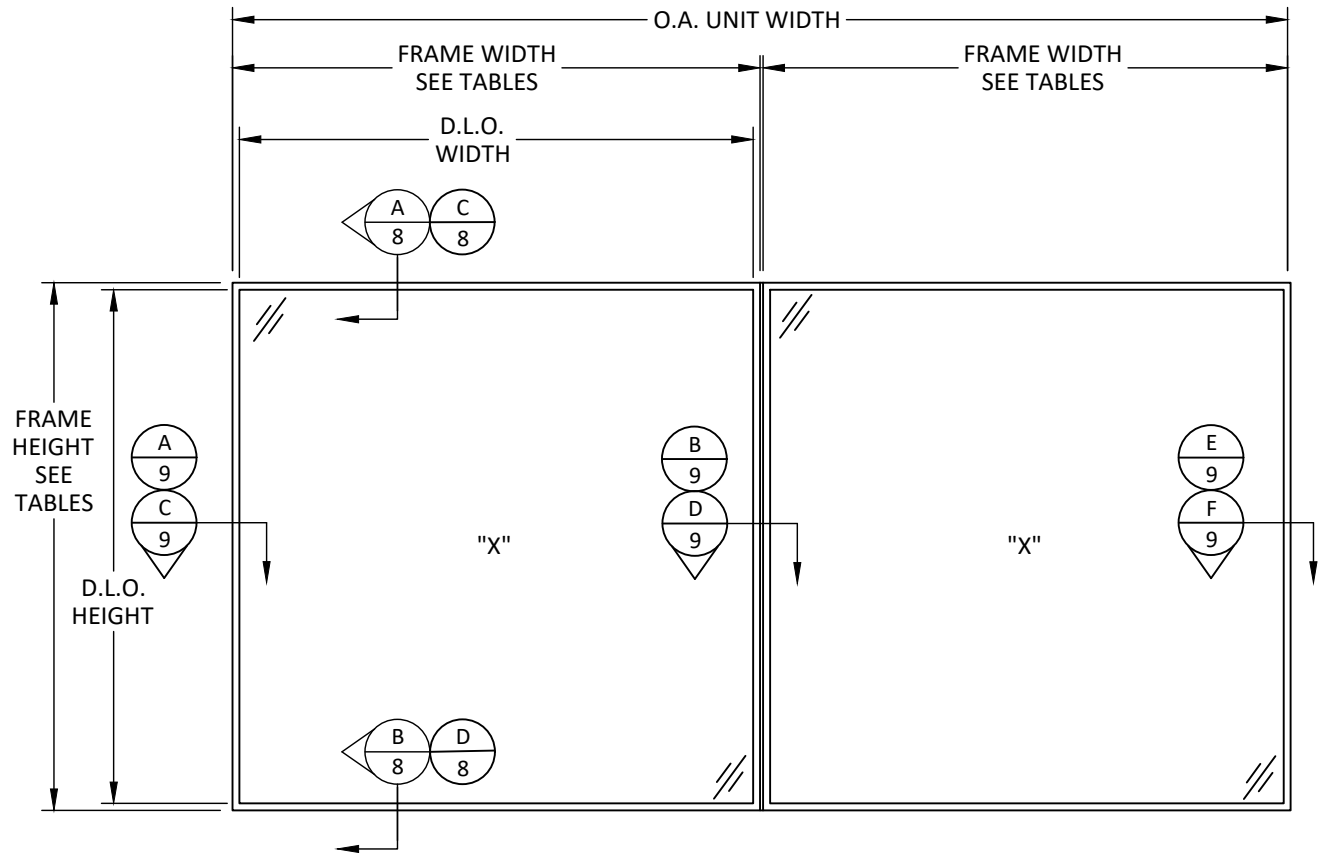
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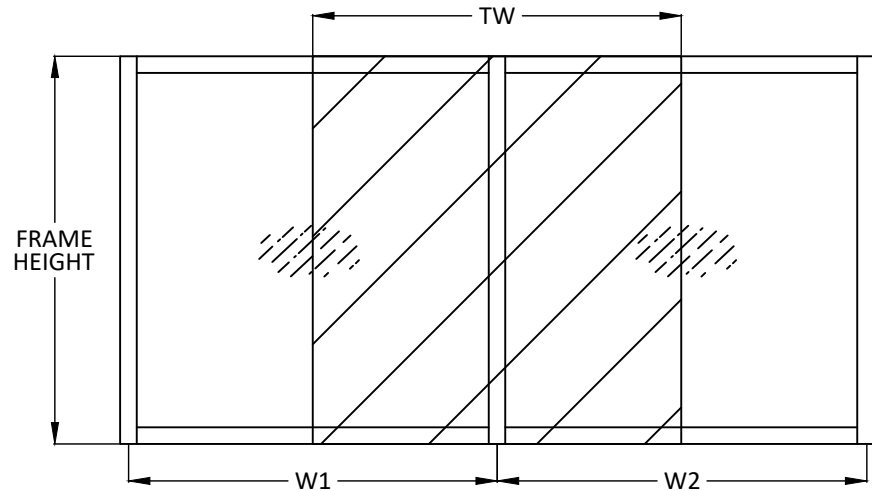
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ELEVATION
W75 MULLED FIXED WINDOW

NOTE: THE LESSER OF THIS DESIGN PRESSURE TABLE AND THE TABLE ON SHEET 4 SHALL APPLY TO THE MULLED CONFIGURATION.



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

DESIGN PRESSURE CHART (PSF)			
TRIBUTARY WIDTH (IN.)	FRAME HEIGHT (IN.)	EXT. (+)	INT. (-)
32	72	70.00	70.00
38		70.00	70.00
44		70.00	70.00
50		70.00	70.00
56		70.00	70.00
62		70.00	70.00
68		70.00	70.00
74		70.00	70.00
80		70.00	70.00
86.805		70.00	70.00
92	78	70.00	70.00
98		70.00	70.00
104		70.00	70.00
32		70.00	70.00
38		70.00	70.00
44		70.00	70.00
50		70.00	70.00
56		70.00	70.00
62		70.00	70.00
68		70.00	70.00
74	84	70.00	70.00
80		70.00	70.00
86.805		70.00	70.00
92		70.00	70.00
32		70.00	70.00
38		70.00	70.00
44		70.00	70.00
50		70.00	70.00
56		70.00	70.00
62		70.00	70.00
68		70.00	70.00
74	86.417	70.00	70.00
80		70.00	70.00
86.805		70.00	70.00
32		70.00	70.00
38		70.00	70.00
44		70.00	70.00
50		70.00	70.00
56		70.00	70.00
62		70.00	70.00
68		70.00	70.00

DESIGN PRESSURE CHART (PSF)			
TRIBUTARY WIDTH (IN.)	FRAME HEIGHT (IN.)	EXT. (+)	INT. (-)
32	90	70.00	70.00
38		70.00	70.00
44		70.00	70.00
50		70.00	70.00
56		70.00	70.00
62		67.48	67.48
68		64.23	64.23
74		61.93	61.93
80		60.43	60.43
32	96	70.00	70.00
38		70.00	70.00
44		69.93	69.93
50		63.15	63.15
56		58.06	58.06
62		54.22	54.22
68		51.31	51.31
74		49.15	49.15
32	102	70.00	70.00
38		65.55	65.55
44		57.73	57.73
50		51.96	51.96
56		47.61	47.61
62		44.28	44.28
68		41.71	41.71
32	108	64.22	64.22
38		54.88	54.88
44		48.23	48.23
50		43.30	43.30
56		39.56	39.56
62		36.66	36.66
68		34.41	34.41
32	114	54.40	54.40
38		46.42	46.42
44		40.72	40.72
50		36.48	36.48
56		33.25	33.25
62		30.73	30.73

DESIGN PRESSURE CHART (PSF)			
TRIBUTARY WIDTH (IN.)	FRAME HEIGHT (IN.)	EXT. (+)	INT. (-)
32	120	46.50	46.50
38		39.62	39.62
44		34.70	34.70
50		31.04	31.04
56		28.22	28.22
62	126	26.03	26.03
32		40.06	40.06
38		34.10	34.10
44		29.82	29.82
50		26.63	26.63
56	132	24.18	24.18
32		34.76	34.76
38		29.56	29.56
44		25.82	25.82
50		23.03	23.03
56	138	20.87	20.87
32		30.36	30.36
38		25.79	25.79
44		22.51	22.51
50		20.05	20.05
32	144	26.67	26.67
38		22.65	22.65
44		19.75	19.75
50		17.57	17.57

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TITLE: W75 FIXED WINDOW (WZ3) (IMPACT)
ELEVATION & DESIGN PRESSURE TABLES

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FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL47693**

DATE: **05.20.2025**

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

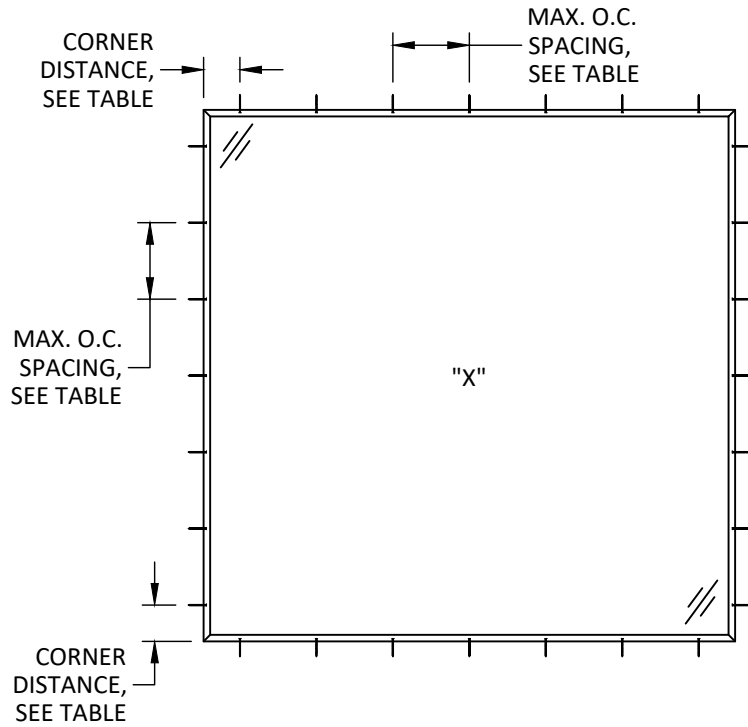
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DWG. #: **RWD017**

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ANCHOR LAYOUT
W75 FIXED WINDOW

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

W75 FIXED WINDOW ANCHOR SPACING TABLE - ALTERNATE SILL INSTALLATION OPTIONS					
INSTALLATION METHOD	DP (PSF)	ANCHOR	SHIM SPACE	SILL	CORNER DISTANCE
ALUMINUM ANGLE: 1/2" X 1-4/5"	+/- 40	#10	1/2"	29"	7"
			1/4"	24"	
	+/- 70	#12	1/4"	34-1/2"	
			1/2"	18"	
STEEL ANGLE: 1/2" X 1-4/5"	+/- 40	#10	1/2"	29"	7"
	+/- 70	#12	1/4"	34-1/2"	
			1/2"	24"	
ALUMINUM / STEEL ANGLE: 3/4" X 3/4"	+/- 40	#10	1/2"	16"	6"
	+/- 70	#12	1/2"	16"	

W75 FIXED WINDOW ANCHOR SPACING TABLE							
INSTALLATION METHOD	DP (PSF)	ANCHOR	SHIM SPACE	HEAD	JAMBS	SILL	CORNER DISTANCE
THROUGH FRAME	+/- 40	#10	1/2"	12-1/4"	12-1/4"	12-1/4"	6"
	+/- 70	#12	1/2"	12-1/4"	12-1/4"	12-1/4"	
ALUMINUM FLAT CLIP	+/- 40	#10	1/4"	29"	29"	29"	6"
			1/2"	24-3/4"	26-3/4"	24-3/4"	
	+/- 70	#12	1/4"	29"	29"	29"	
			1/2"	18-1/2"	20"	18-1/2"	
STEEL FLAT CLIP	+/- 40	#10	1/2"	29"	29"	29"	6"
	+/- 70	#12	1/4"	29"	29"	29"	
			1/2"	24-1/2"	26-1/2"	24-1/2"	
ALUMINUM/ STEEL BENT EXTERIOR CLIP	+/- 40	#10	1/2"	12-1/4"	12-1/4"	12-1/4"	6"
	+/- 70	#12	1/2"	12-1/4"	12-1/4"	12-1/4"	
ALUMINUM BENT INTERIOR CLIP	+/- 40	#10	1/4"	29"	29"	29"	HEAD/SILL: 7" JAMBS: 4.25"
			1/2"	24"	26"	24"	
	+/- 70	#12	1/4"	34-1/2"	29"	34-1/2"	
			1/2"	18"	19-1/2"	18"	
STEEL BENT INTERIOR CLIP	+/- 40	#10	1/2"	29"	29"	29"	HEAD/SILL: 7" JAMBS: 4.25"
	+/- 70	#12	1/4"	34-1/2"	29"	34-1/2"	
			1/2"	24"	26"	24"	

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W75 FIXED WINDOW
(WZ3) (IMPACT)

ANCHOR LAYOUT

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FL #:
FL47693

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JR

CHK. BY:
HFN

SCALE: NTS

DWG. #: RWD017

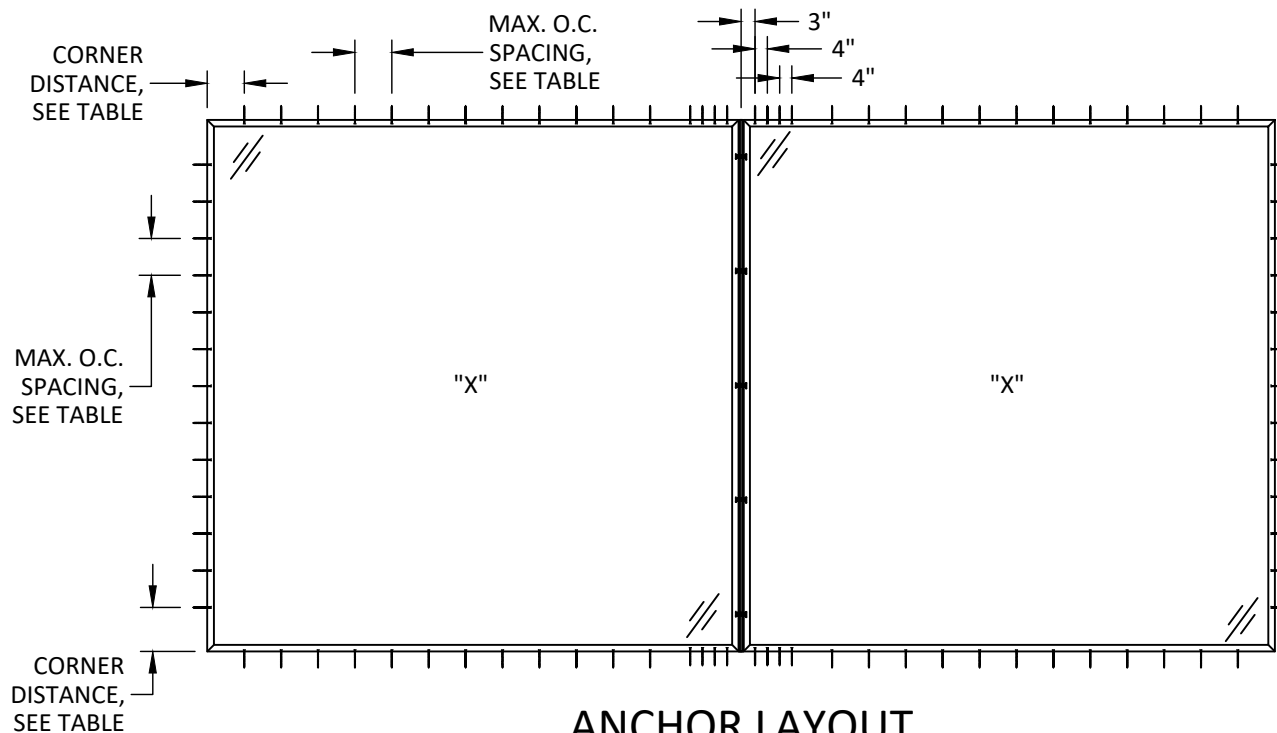
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ANCHOR LAYOUT
W75 MULLER FIXED WINDOW

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

W75 MULLER FIXED WINDOW ANCHOR SPACING TABLE - ALTERNATE SILL INSTALLATION OPTIONS						
INSTALLATION METHOD	DP (PSF)	ANCHOR	SHIM SPACE	SILL	TOTAL QTY. OF ANCHORS PER MULL ENDS	CORNER DISTANCE
ALUMINUM ANGLE: 1/2" X 1-4/5"	+/- 40	#10	1/4"	34-1/2"	2	7"
			1/2"	26"	4	
	+/- 70	#12	1/4"	34-1/2"	2	
			1/2"	18"	6	
STEEL ANGLE: 1/2" X 1-4/5"	+/- 40	#10	1/4"	24-1/4"	4	7"
			1/2"	24-3/4"	4	
	+/- 70	#12	1/4"	34-1/2"	4	
			1/2"	24-1/4"	4	
ALUMINUM / STEEL ANGLE: 3/4" X 3/4"	+/- 40	#10	1/2"	16"	6	6"
	+/- 70	#12	1/2"	16"	6	

W75 MULLER FIXED WINDOW ANCHOR SPACING TABLE								
INSTALLATION METHOD	DP (PSF)	ANCHOR	SHIM SPACE	HEAD	JAMBS	SILL	TOTAL QTY. OF ANCHORS PER MULL ENDS	CORNER DISTANCE
THROUGH FRAME	+/- 40	#10	1/4"	18-3/4"	18-3/4"	18-3/4"	4	6"
			1/2"	10-1/2"	10-1/2"	10-1/2"	8	
	+/- 70	#12	1/4"	15"	12-1/4"	15"	6	
			1/2"	7-1/2"	8-1/4"	7-1/2"	10	
ALUMINUM FLAT CLIP	+/- 40	#10	1/4"	29"	29"	29"	2	6"
			1/2"	25"	26-3/4"	25"	4	
	+/- 70	#12	1/4"	29"	29"	29"	4	
			1/2"	18-1/2"	20"	18-1/2"	6	
STEEL FLAT CLIP	+/- 40	#10	1/4"	29"	29"	29"	4	6"
			1/2"	25"	26-3/4"	25"	4	
	+/- 70	#12	1/4"	29"	29"	29"	4	
			1/2"	25"	26-3/4"	25"	4	
ALUMINUM BENT EXTERIOR CLIP	+/- 40	#10	1/2"	18-3/4"	18-3/4"	18-3/4"	2	6"
	+/- 70	#12	1/2"	18-3/4"	18-3/4"	18-3/4"	6	
STEEL BENT EXTERIOR CLIP	+/- 40	#10	1/2"	18-3/4"	18-3/4"	18-3/4"	2	6"
	+/- 70	#12	1/2"	18-3/4"	18-3/4"	18-3/4"	4	
ALUMINUM BENT INTERIOR CLIP	+/- 40	#10	1/4"	34-1/2"	29"	34-1/2"	2	HEAD/SILL: 7" JAMBS: 4.25"
			1/2"	26"	24-1/4"	26"	4	
	+/- 70	#12	1/4"	34-1/2"	29"	34-1/2"	2	
			1/2"	18"	19-1/2"	18"	6	
STEEL BENT INTERIOR CLIP	+/- 40	#10	1/4"	24-1/4"	26"	24-1/4"	4	HEAD/SILL: 7" JAMBS: 4.25"
			1/2"	24-3/4"	26-3/4"	24-3/4"	4	
	+/- 70	#12	1/4"	34-1/2"	29"	34-1/2"	4	
			1/2"	24-1/4"	26"	24-1/4"	4	

TITLE: W75 FIXED WINDOW (WZ3) (IMPACT)

ANCHOR LAYOUT

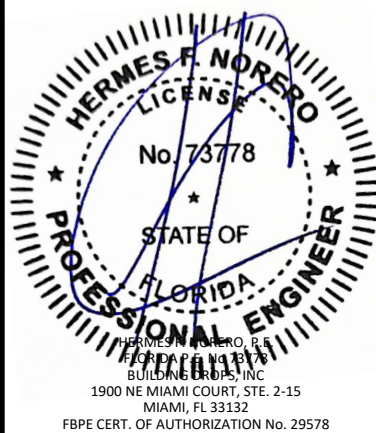
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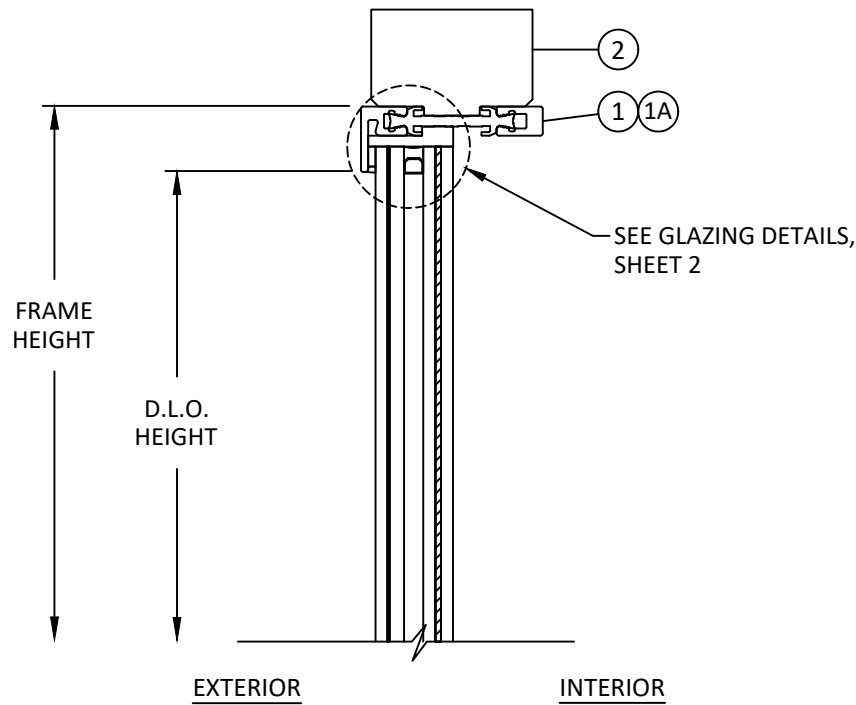
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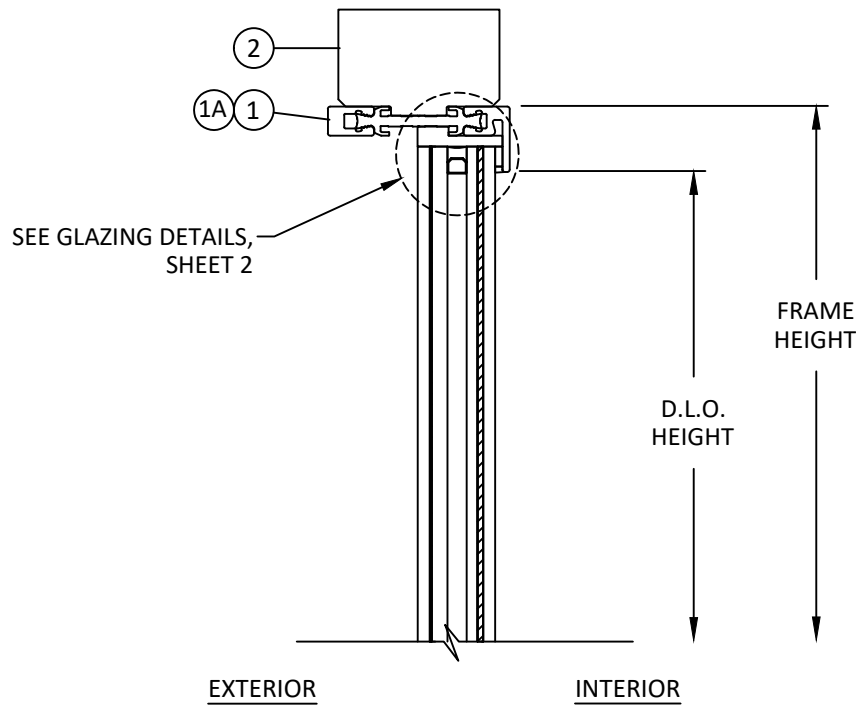


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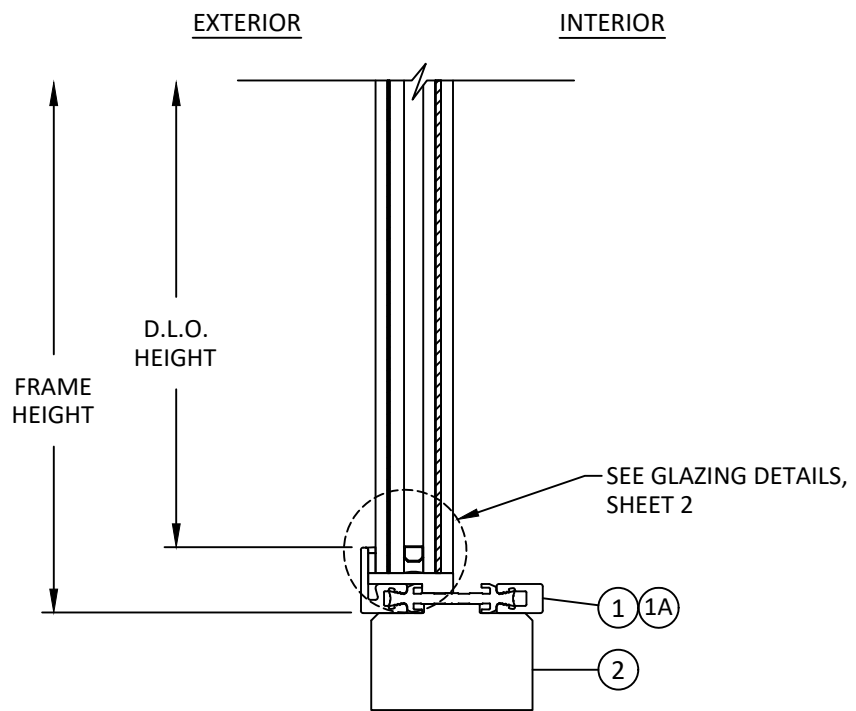
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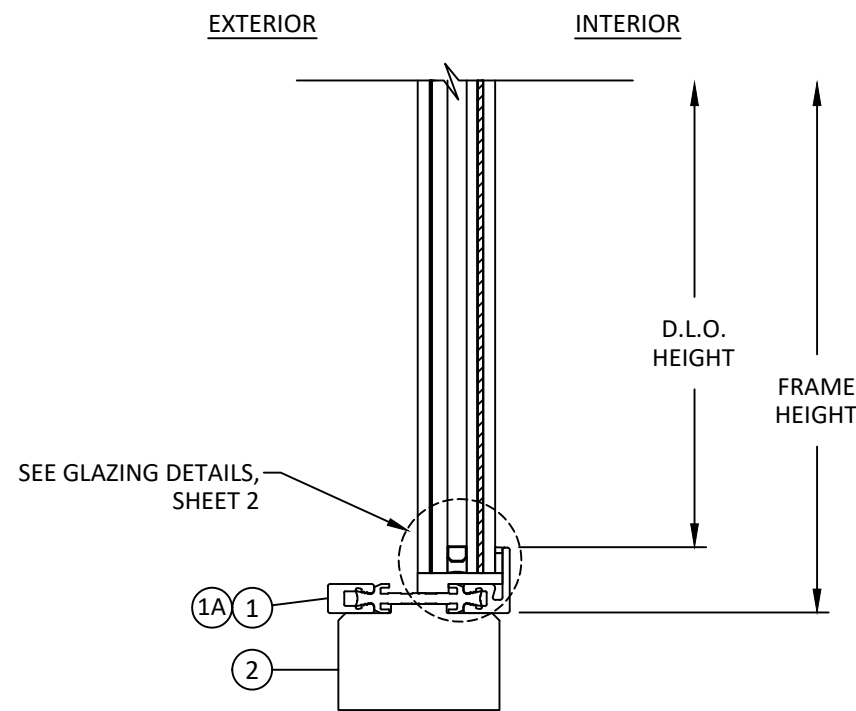
A
8
VERTICAL SECTION
INSIDE GLAZED - HEAD



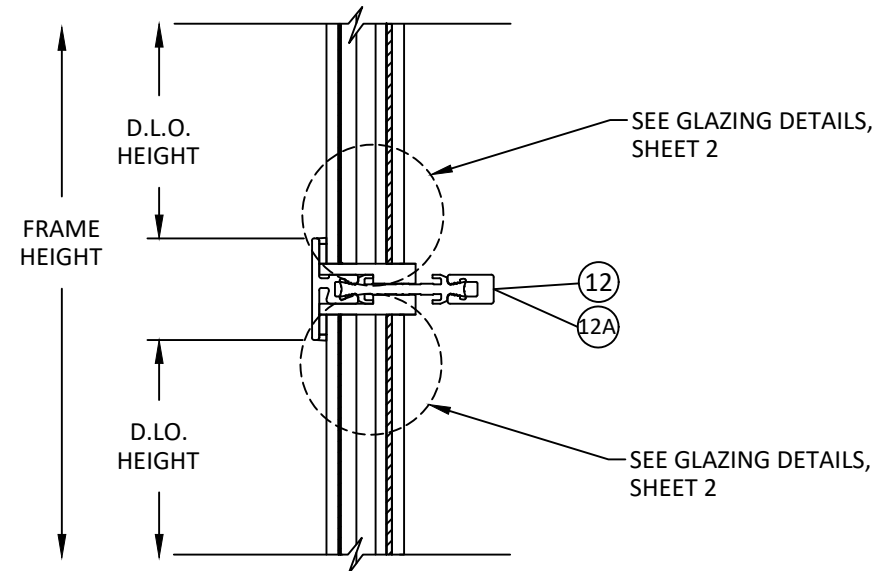
C
8
VERTICAL SECTION
OUTSIDE GLAZED - HEAD



B
8
VERTICAL SECTION
INSIDE GLAZED - SILL



D
8
VERTICAL SECTION
OUTSIDE GLAZED - SILL



E
8
VERTICAL SECTION
MIDRAIL

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VERTICAL SECTIONS

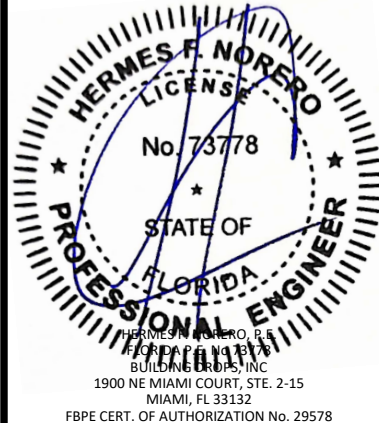
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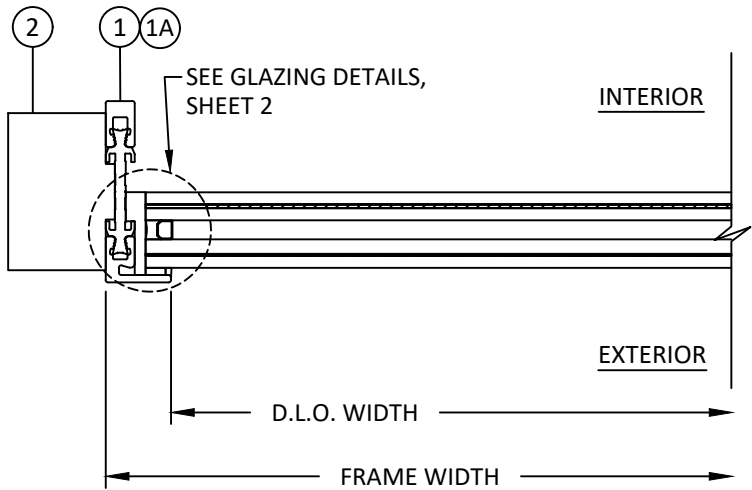


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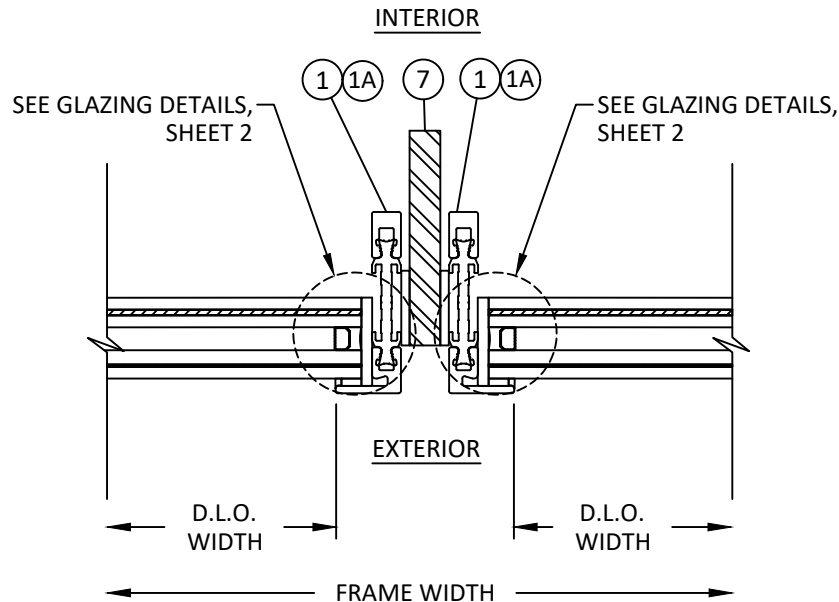
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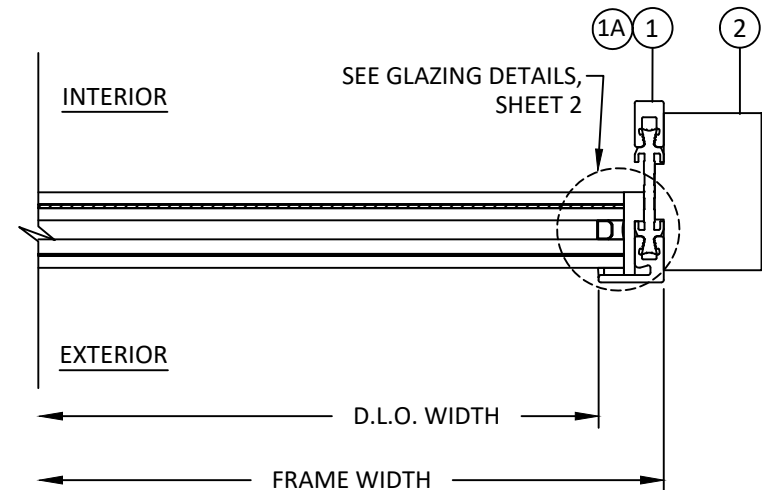
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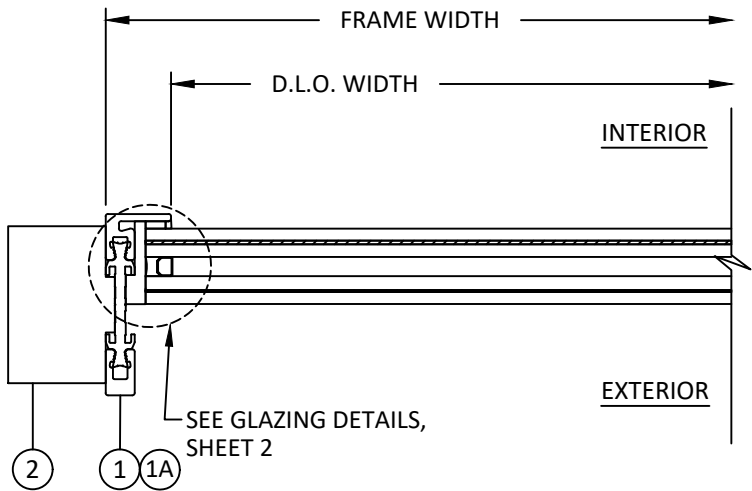
A
9 HORIZONTAL SECTION
INSIDE GLAZED - JAMB



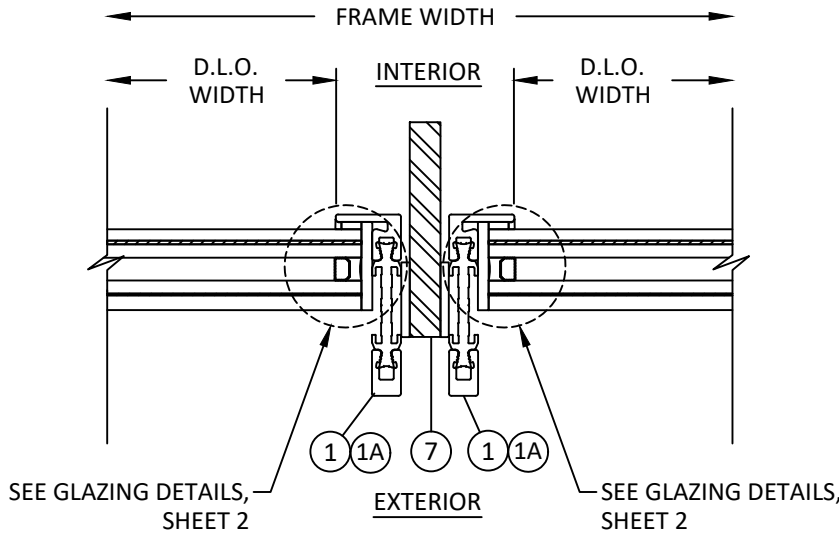
B
9 HORIZONTAL SECTION
INSIDE GLAZED - MULLION



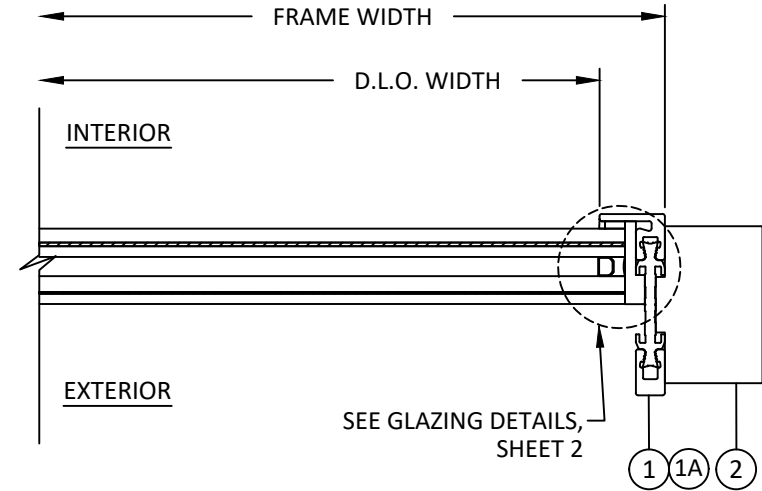
E
9 HORIZONTAL SECTION
INSIDE GLAZED - JAMB



C
9 HORIZONTAL SECTION
OUTSIDE GLAZED - JAMB



D
9 HORIZONTAL SECTION
OUTSIDE GLAZED - MULLION



F
9 HORIZONTAL SECTION
OUTSIDE GLAZED - JAMB

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(WZ3) (IMPACT)

HORIZONTAL SECTIONS

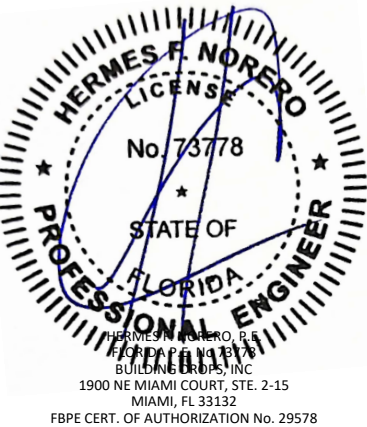
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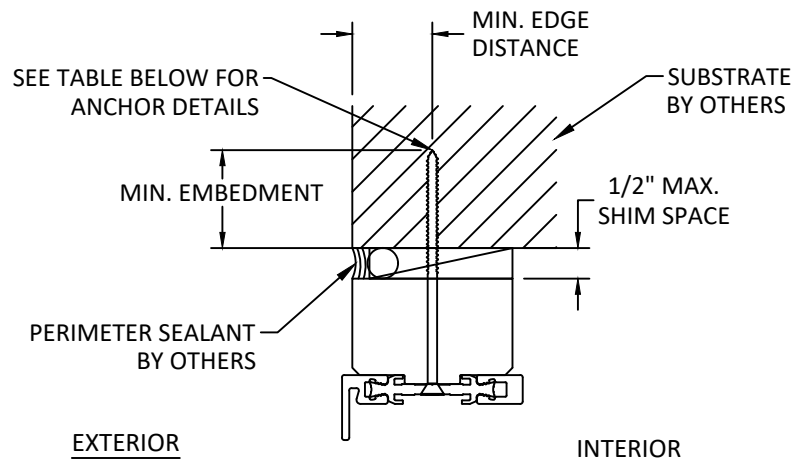
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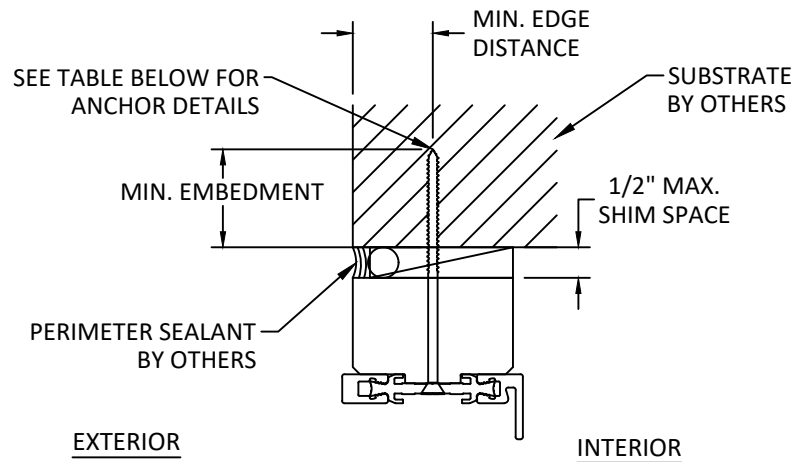
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A
10

VERTICAL SECTION

HEAD - THROUGH FRAME
JAMB AND SILL SIMILAR
INSIDE GLAZED



B
10

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 $\pm 1/2$ INCH THE DEPICTED LOCATION & SPACING IN THE ANCHOR LAYOUT DETAILS (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- 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:
 - FASTENERS USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED SPACES SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.1 (E.G., ASTM A153 CLASS D, ASTM A641 CLASS 3S, OR EQUIVALENT CORROSION RESISTANCE).
 - CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.2 (E.G., ASTM A653 G90, ASTM A123, OR PROTECTIVE COATING PER TPI 1).
- 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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W75 FIXED WINDOW
(WZ3) (IMPACT)
ANCHOR DETAILS,
SCHEDULE &
INSTALLATION NOTES

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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REMARKS	BY	DATE
2026 FBC UPDATE	LS	06/26

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FL #:
FL47693

DATE: **05.20.2025**

DWG. BY: JR	CHK. BY: HFN
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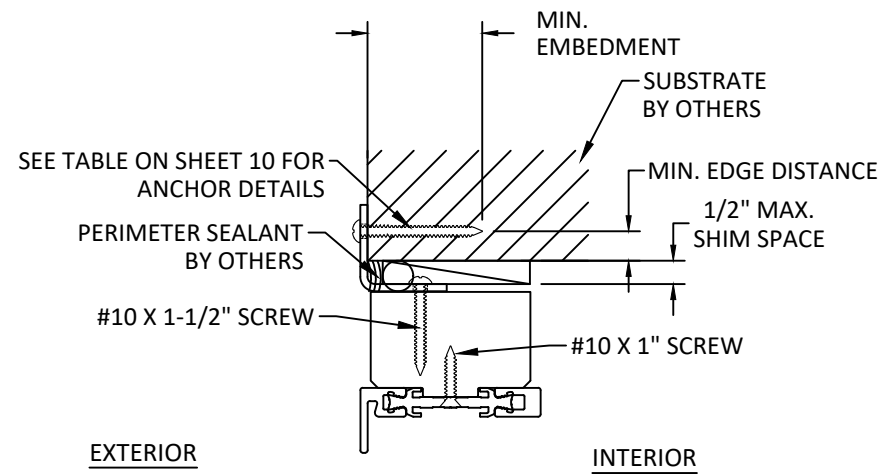
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DWG. #: **RWD017**

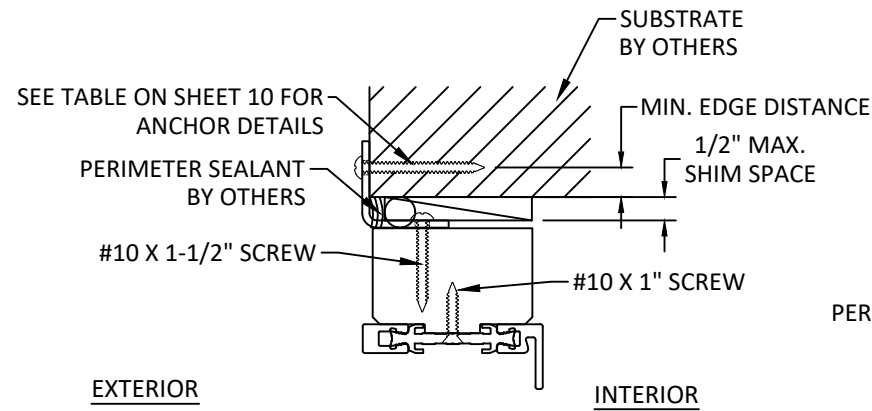
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OF 15

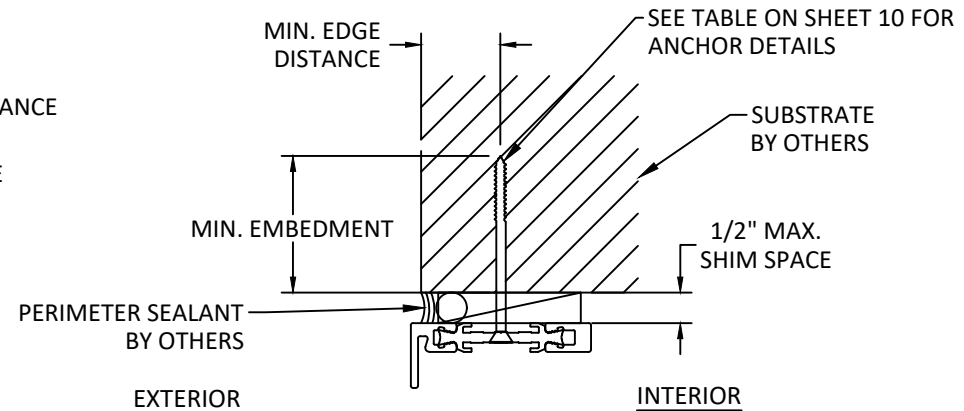
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A
11 VERTICAL SECTION
HEAD - ALUMINUM/STEEL BENT EXT. CLIP
JAMB AND SILL SIMILAR
INSIDE GLAZED

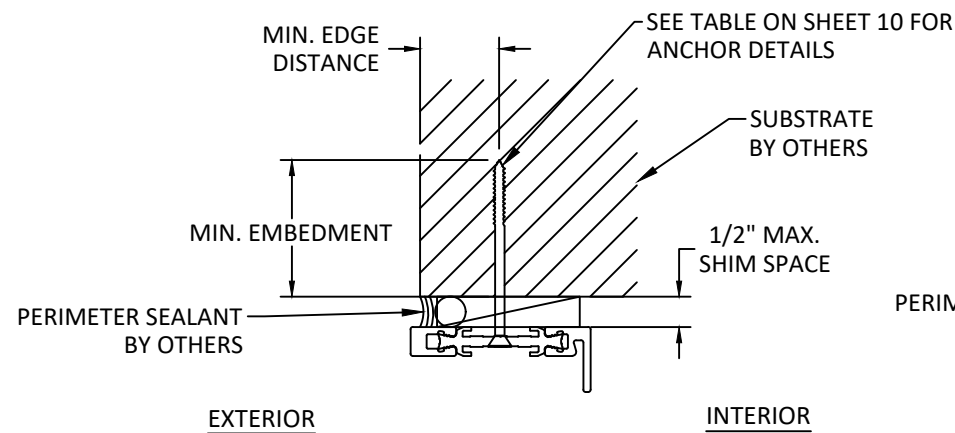


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HEAD - ALUMINUM/STEEL BENT EXT. CLIP
JAMB AND SILL SIMILAR
OUTSIDE GLAZED



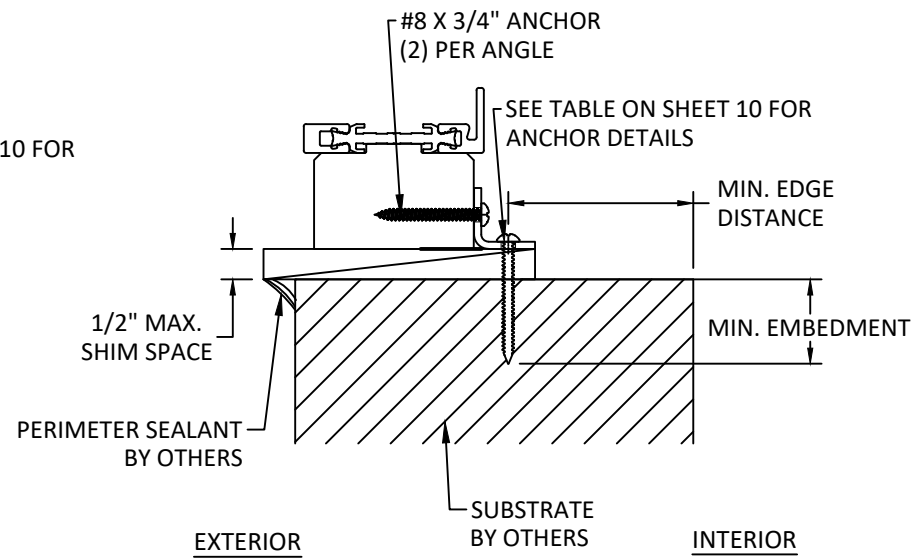
C
11 VERTICAL SECTION
HEAD - THROUGH FRAME
JAMB AND SILL SIMILAR
INSIDE GLAZED

NOTE: THROUGH FRAME INSTALLATION WITHOUT
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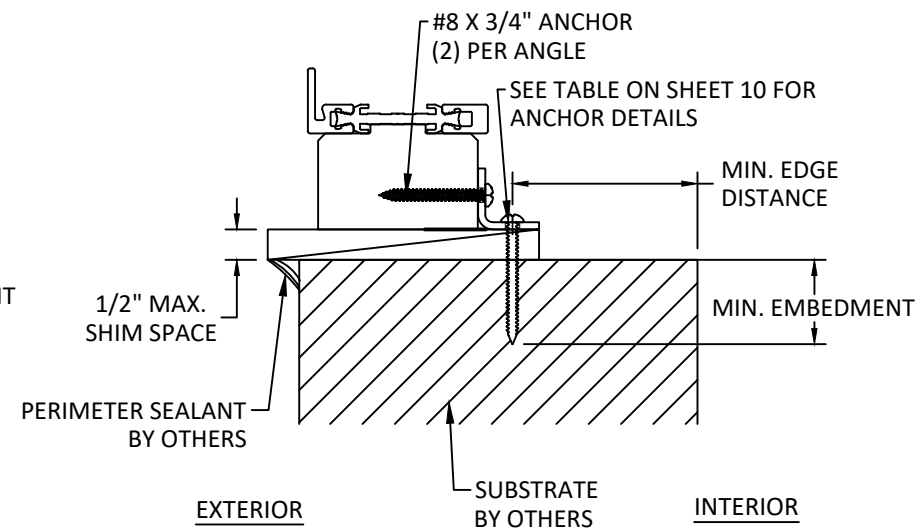


D
11 VERTICAL SECTION
HEAD - THROUGH FRAME
JAMB AND SILL SIMILAR
OUTSIDE GLAZED

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



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



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

TITLE: W75 FIXED WINDOW
(WZ3) (IMPACT)

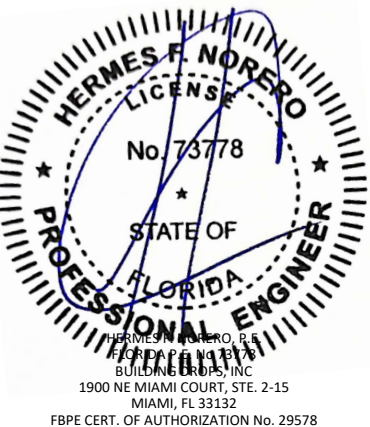
ANCHOR DETAILS

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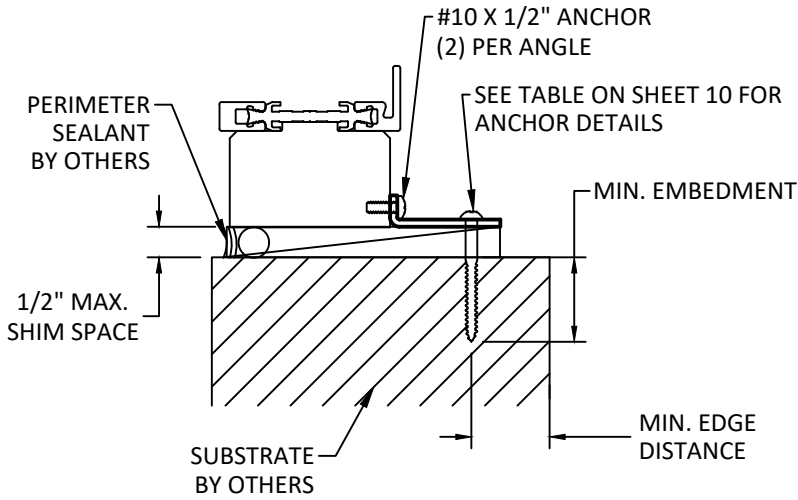
REMARKS	BY	DATE
2026 FBC UPDATE	LS	06/26

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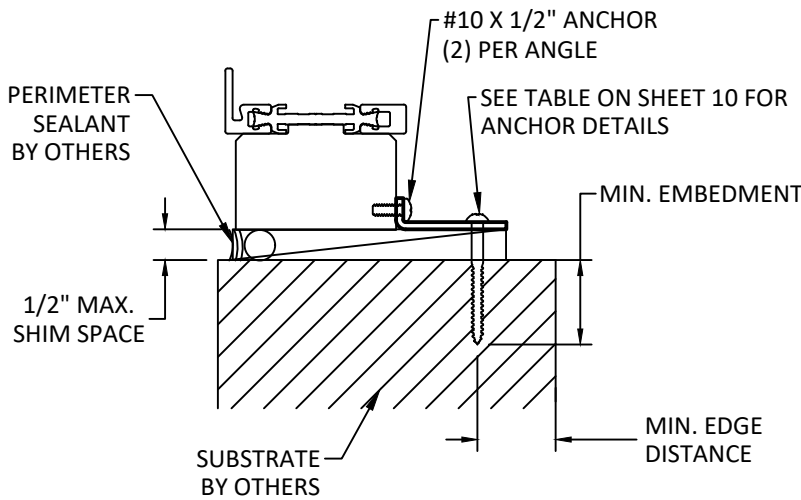
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DATE:	05.20.2025
DWG. BY:	JR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	RWD017
SHEET:	11
REV.	A
OF 15	

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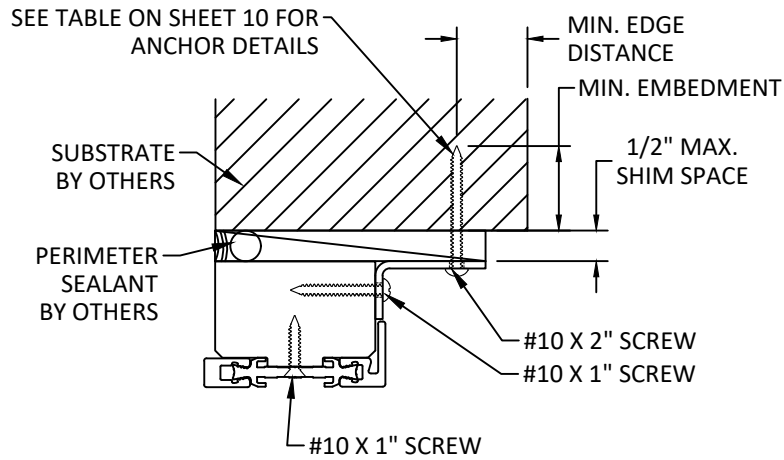
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A
12 VERTICAL SECTION
SILL - 1/2" X 1-4/5" ALUMINUM/STEEL ANGLE
OUTSIDE GLAZED



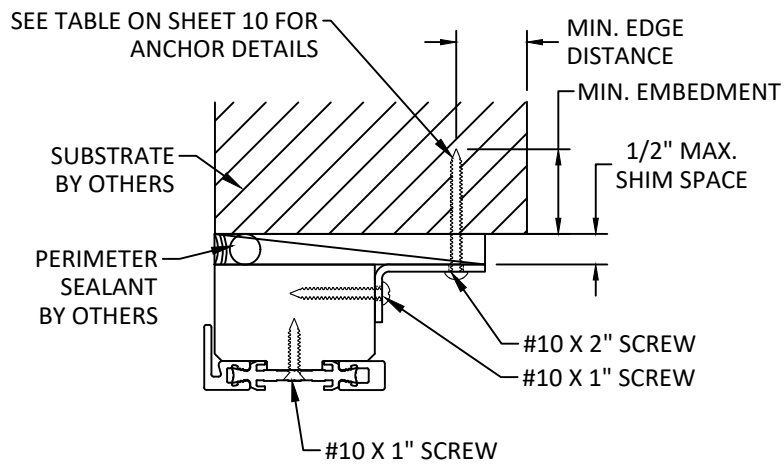
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B
12 VERTICAL SECTION
SILL - 1/2" X 1-4/5" ALUMINUM/STEEL ANGLE
INSIDE GLAZED



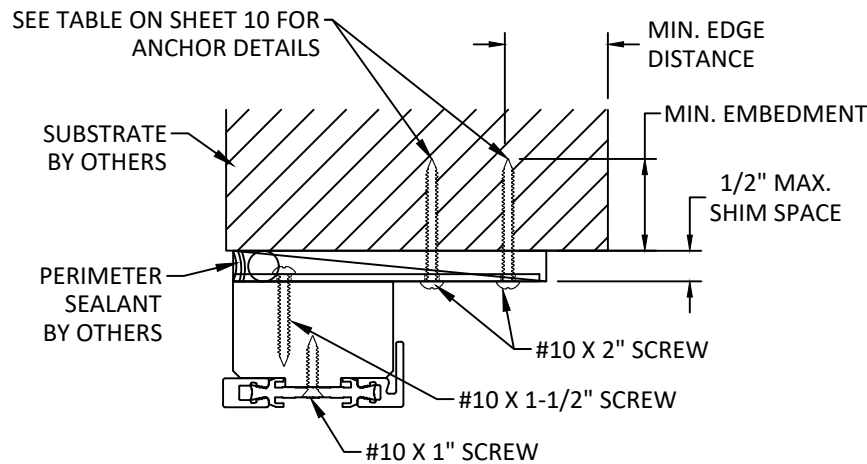
EXTERIOR INTERIOR

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



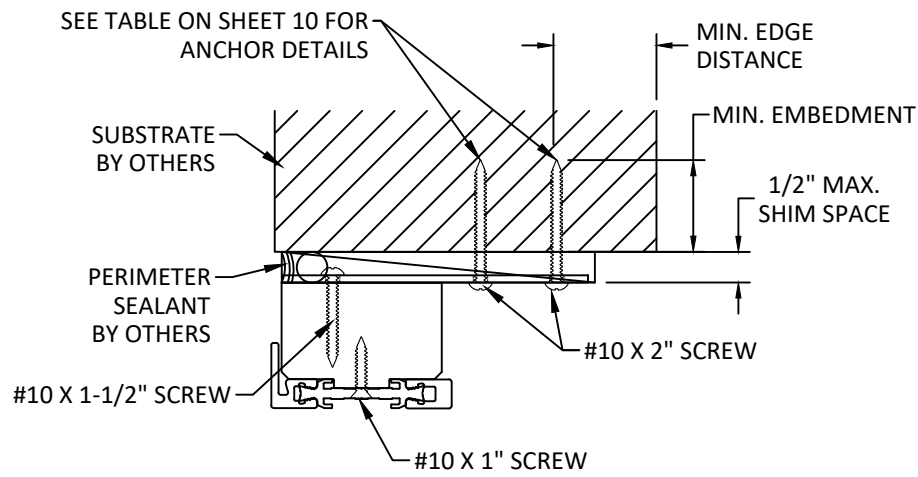
EXTERIOR INTERIOR

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



EXTERIOR INTERIOR

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



EXTERIOR INTERIOR

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

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W75 FIXED WINDOW
(WZ3) (IMPACT)

ANCHOR DETAILS

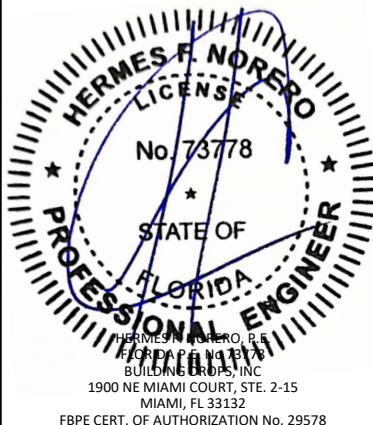
PREPARED BY: BUILDING DROPS, INC.

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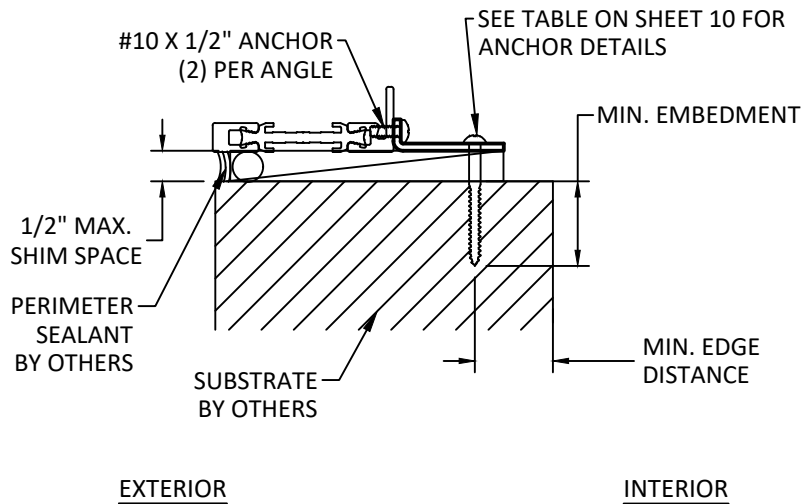
REMARKS	BY	DATE
2026 FBC UPDATE	LS	06/26

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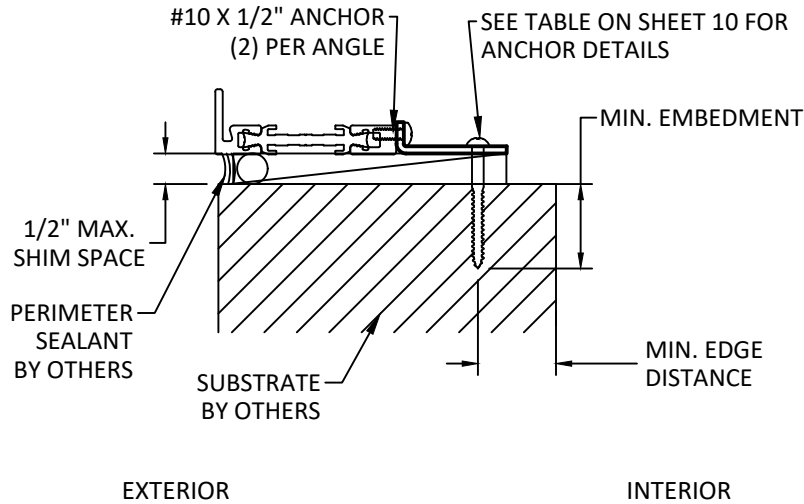


FL #:	FL47693
DATE:	05.20.2025
DWG. BY:	CHK. BY:
JR	HFN
SCALE:	NTS
DWG. #:	RWD017
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OF 15	

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



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

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W75 FIXED WINDOW
(WZ3) (IMPACT)

ANCHOR DETAILS

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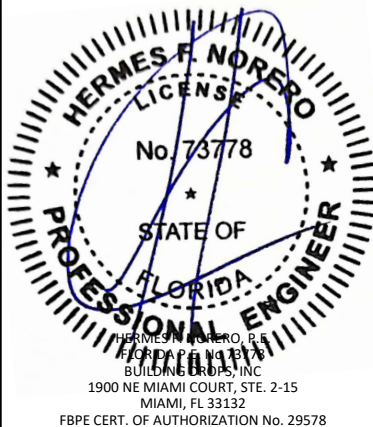
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DATE: **05.20.2025**

DWG. BY: JR	CHK. BY: HFN
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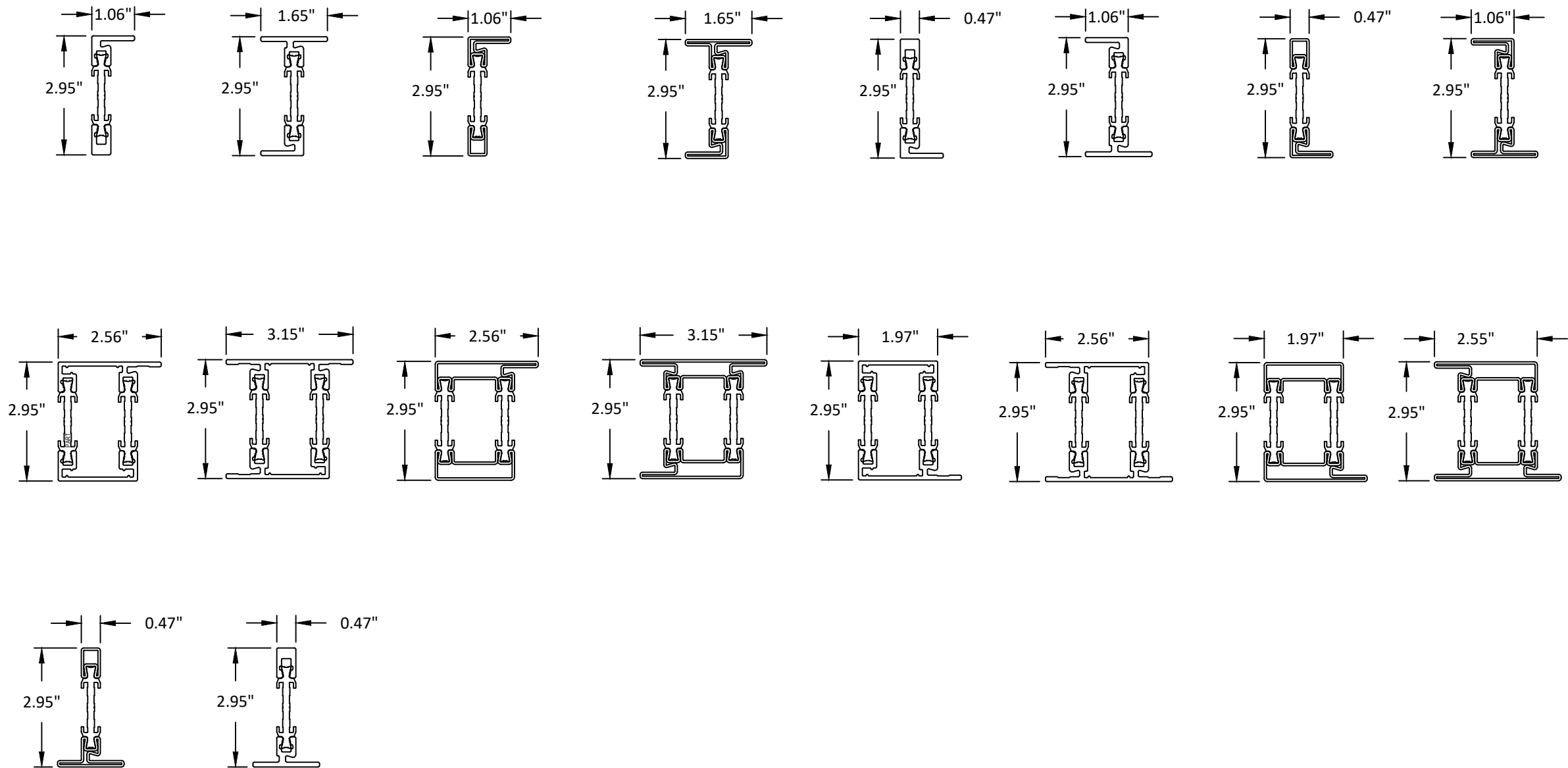
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DWG. #: **RWD017**

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QUALIFIED FRAME PROFILE OPTIONS



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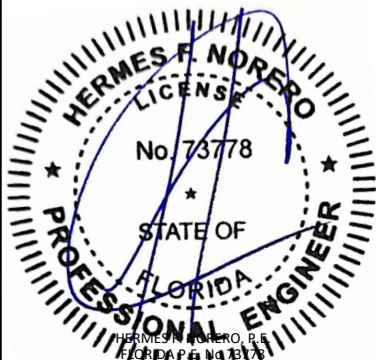
TITLE: W75 FIXED WINDOW (WZ3) (IMPACT) PROFILE OPTIONS

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FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL47693**

DATE: **05.20.2025**

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

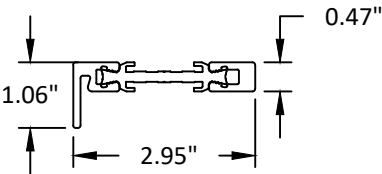
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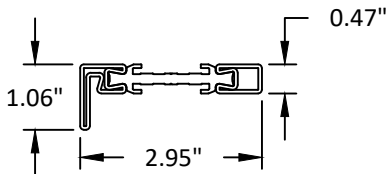
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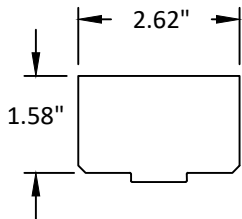
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ITEM	DESCRIPTION	MATERIAL	MANUFACTURER
1	EXTRUDED FRAME	BRONZE	REILLY
1A	FRAME	VARIES	REILLY
2	FRAME BLOCKING	PE	REILLY
3	#10 X 3" SCREW	18-8 STAINLESS STEEL	-
4	DOW 121	-	DOW CORNING
5	GLAZING TAPE	FOAM	BERRY GLOBAL
6	DOW 795	-	DOW CORNING
7	1/2" X 3" BAR	STAINLESS STEEL	-
8	FLAT CLIP	6061-T6 ALUMINUM OR STAINLESS STEEL	REILLY
9	BENT EXTERIOR/INTERIOR CLIP	6061-T6 ALUMINUM OR STAINLESS STEEL	REILLY
10	3/4" X 3/4" ANGLE	6061-T6 ALUMINUM OR STAINLESS STEEL	REILLY
11	1/2" X 1-4/5" ANGLE	6061-T6 ALUMINUM OR STAINLESS STEEL	REILLY
12	EXTRUDED MIDRAIL	BRONZE	REILLY
12A	MIDRAIL	VARIES	REILLY



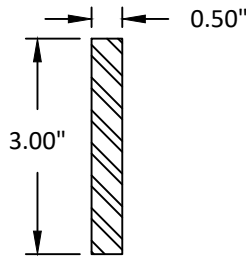
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BRONZE



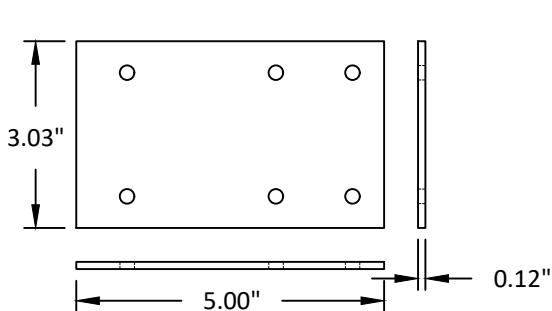
1A FRAME
VARIES



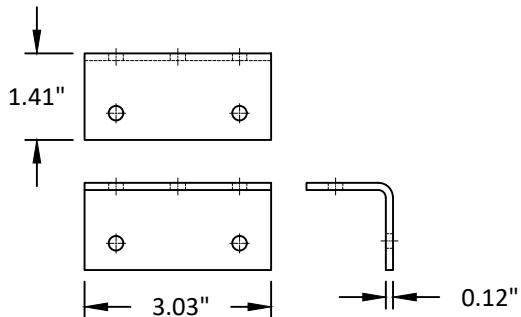
2 FRAME BLOCKING
PE



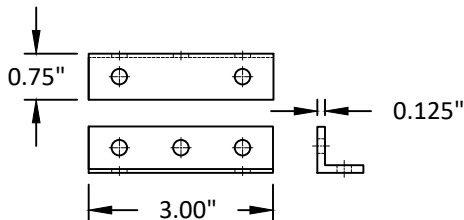
7 1/2" X 3" BAR
STAINLESS STEEL



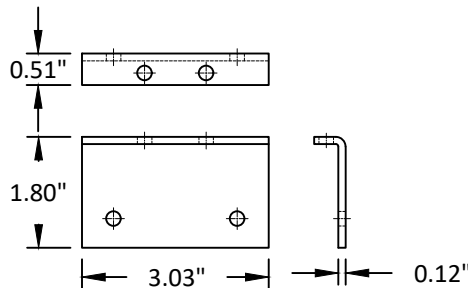
8 FLAT CLIP
6061-T6 ALUMINUM OR STAINLESS STEEL



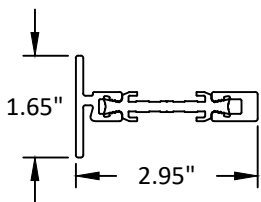
9 BENT EXTERIOR/INTERIOR CLIP
6061-T6 ALUMINUM OR STAINLESS STEEL



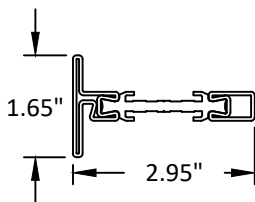
10 3/4" X 3/4" ANGLE
6061-T6 ALUMINUM OR STAINLESS STEEL



11 1/2" X 1-4/5" ANGLE
6061-T6 ALUMINUM OR STAINLESS STEEL



12 EXTRUDED MIDRAIL
BRONZE



12A MIDRAIL
VARIES

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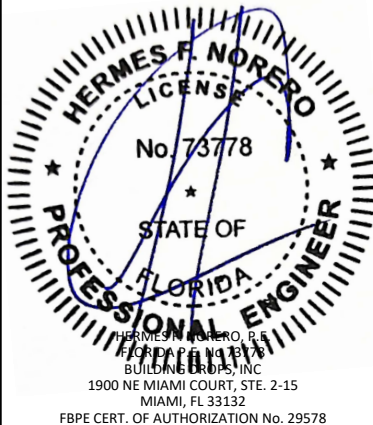
W75 FIXED WINDOW
(WZ3) (IMPACT)
BILL OF MATERIALS &
COMPONENTS

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SCALE: **NTS**

DWG. #: **RWD017**

SHEET: **15** REV. **A**

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