

REILLY ARCHITECTURAL

EBE65 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
 - AAMA/WDMA/CSA 101/I.S.2/A440-17
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING, AND METAL FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/4$ 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.
- 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 SHALL MEET THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.

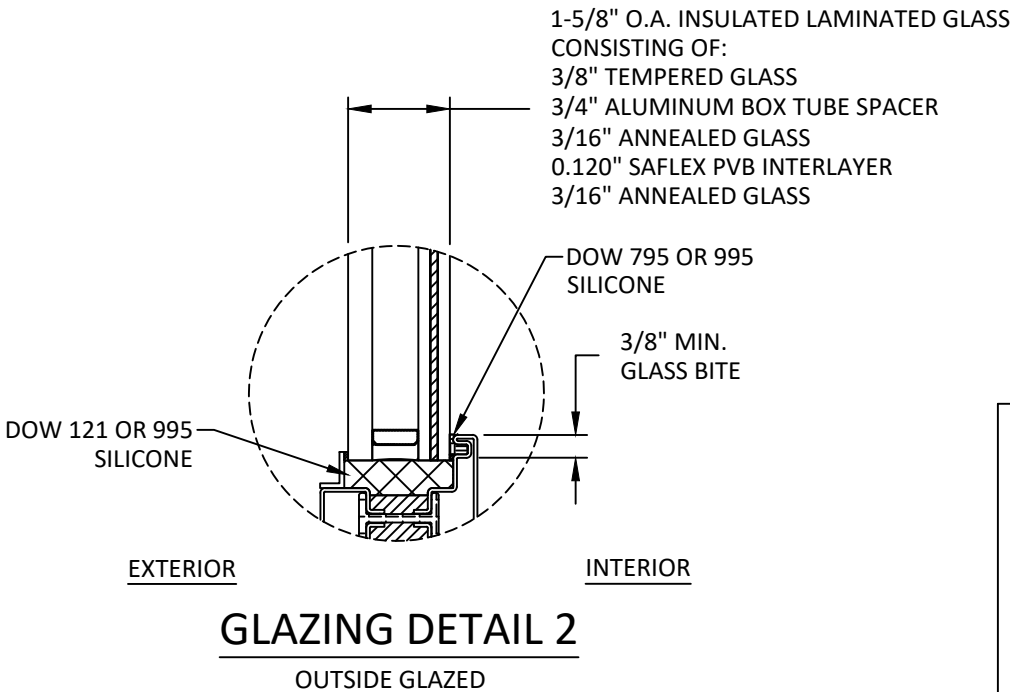
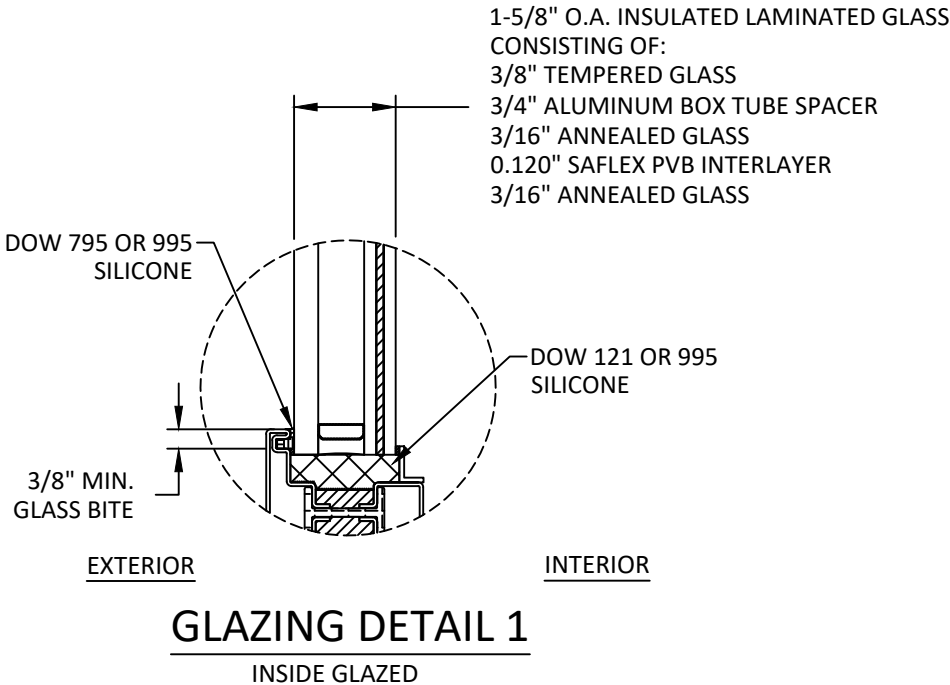


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DESIGN PRESSURE RATING (PSF)			
WIDTH (IN.)	HEIGHT (IN.)	DESIGN PRESSURE	MISSILE IMPACT RATING
98.00"	142.00"	+/- 60 PSF	LARGE & SMALL MISSILE IMPACT

GLAZING NOTES:

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

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EBE65 FIXED WINDOW
(WZ3) (IMPACT)
GENERAL NOTES, DESIGN
PRESSURE TABLE, &
GLAZING DETAILS

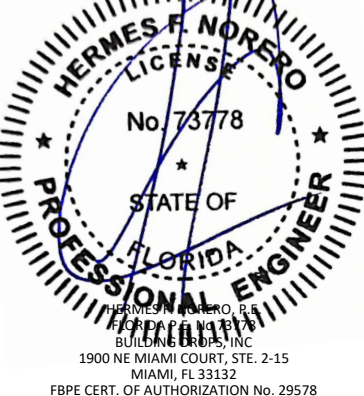
PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
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REMARKS	BY	DATE

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2025.09.26 13:17:19 -0400



FL #:

FL47796

DATE: **08.27.2025**

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

SCALE: **NTS**

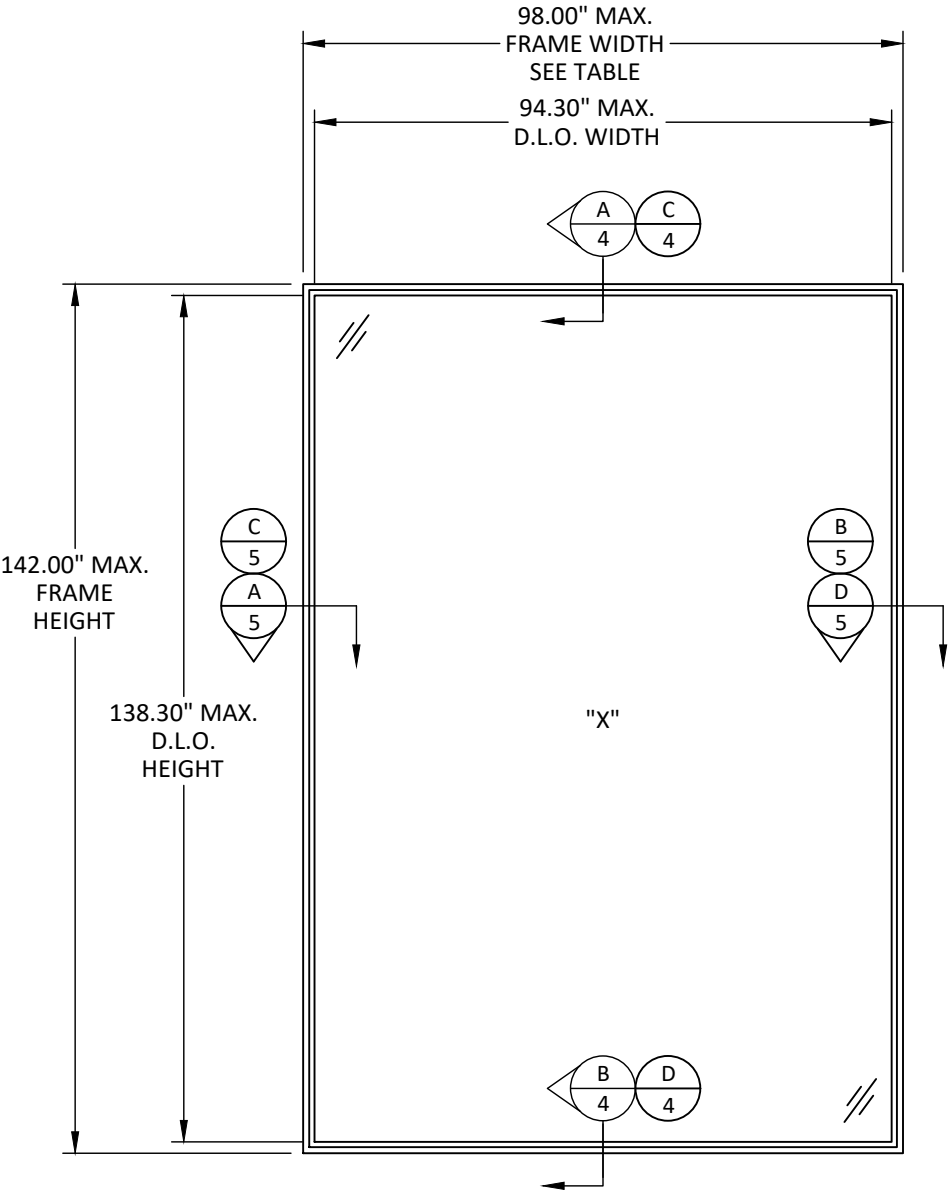
DWG. #: **RWD023**

SHEET:

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ELEVATION
EBE65 FIXED WINDOW

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TITLE: EBE65 FIXED WINDOW
(WZ3) (IMPACT)

ELEVATION

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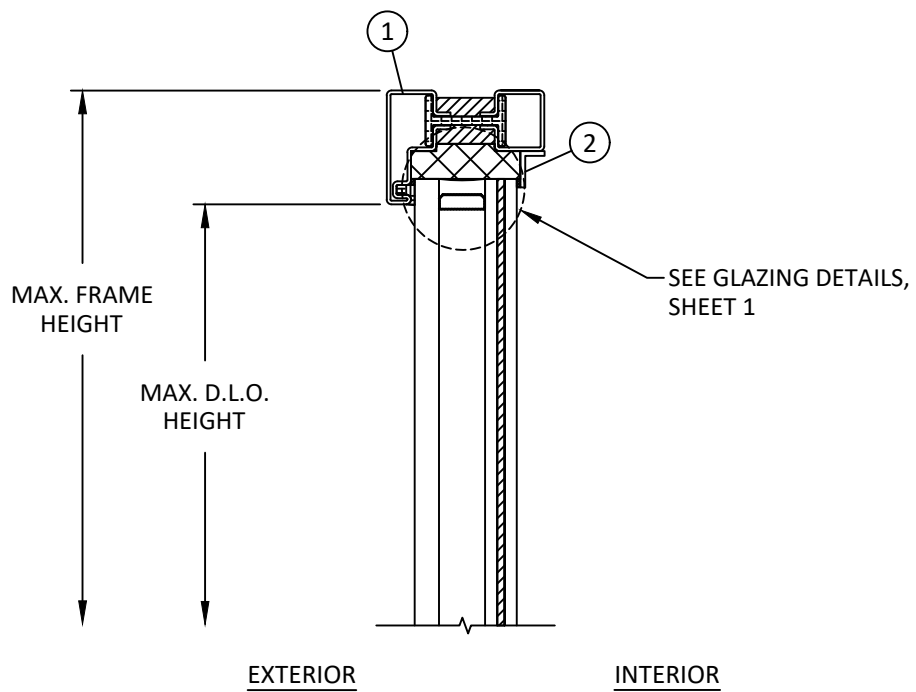
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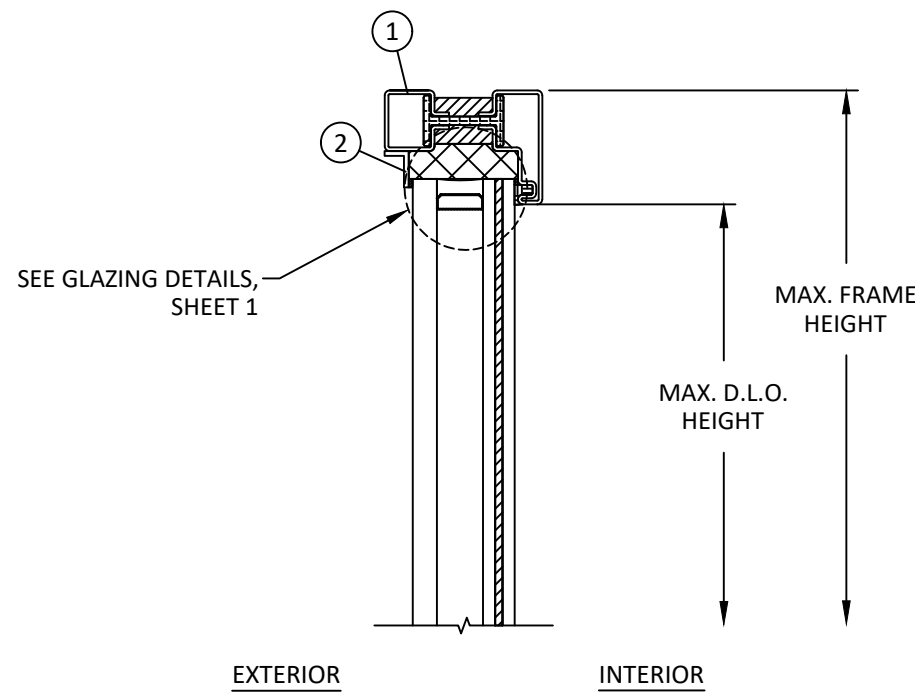
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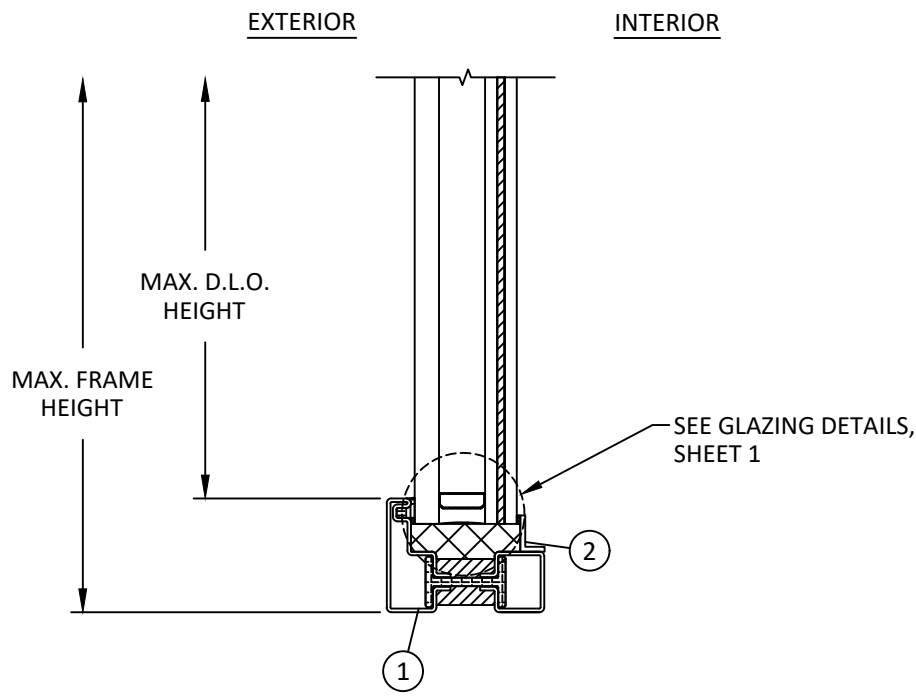
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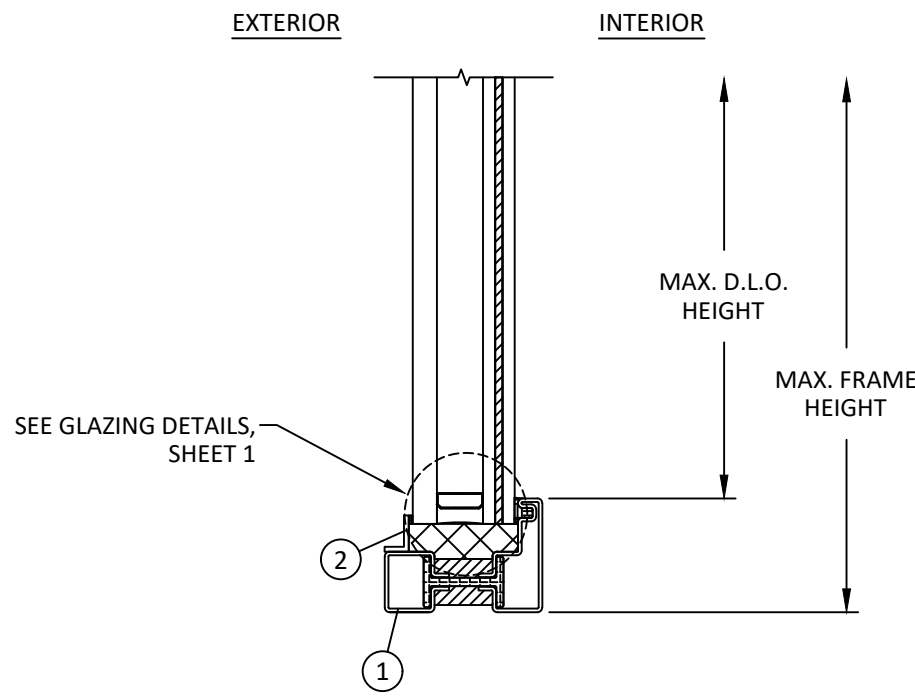
A
4 VERTICAL SECTION
INSIDE GLAZED - HEAD



C
4 VERTICAL SECTION
OUTSIDE GLAZED - HEAD



B
4 VERTICAL SECTION
INSIDE GLAZED - SILL



D
4 VERTICAL SECTION
OUTSIDE GLAZED - SILL

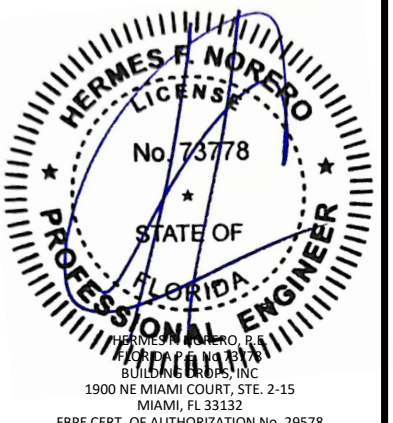
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MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

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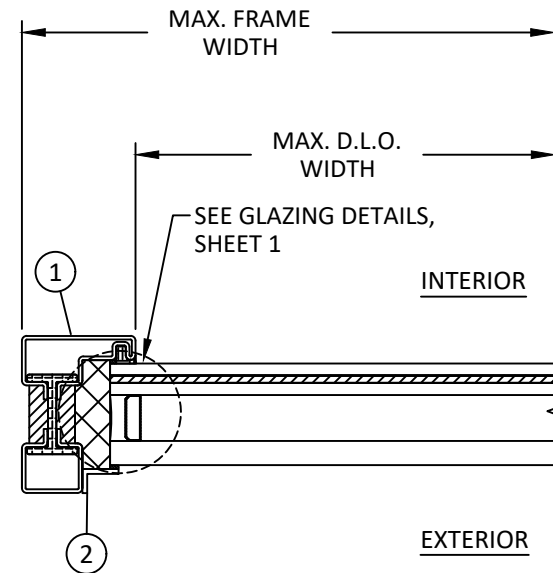
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CHK. BY: **HFN**

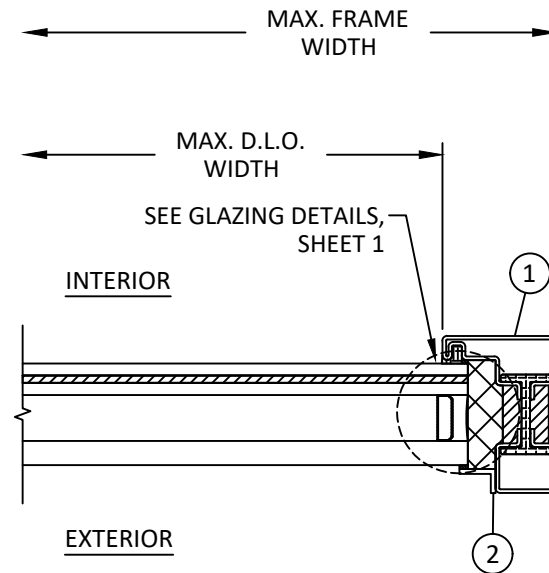
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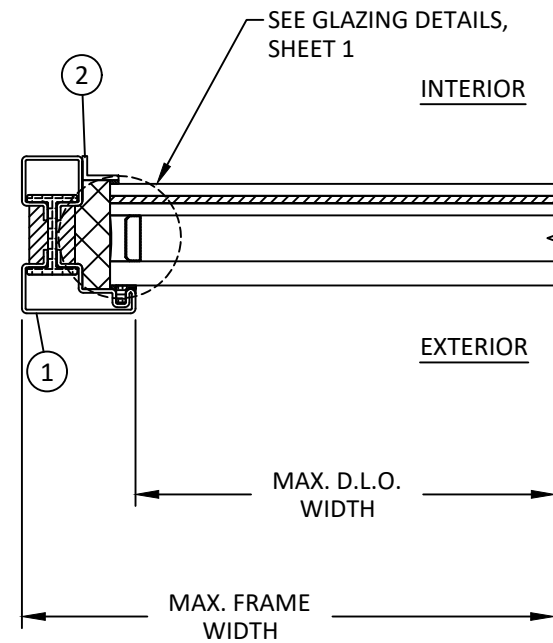


A HORIZONTAL SECTION
5 OUTSIDE GLAZED - JAMB

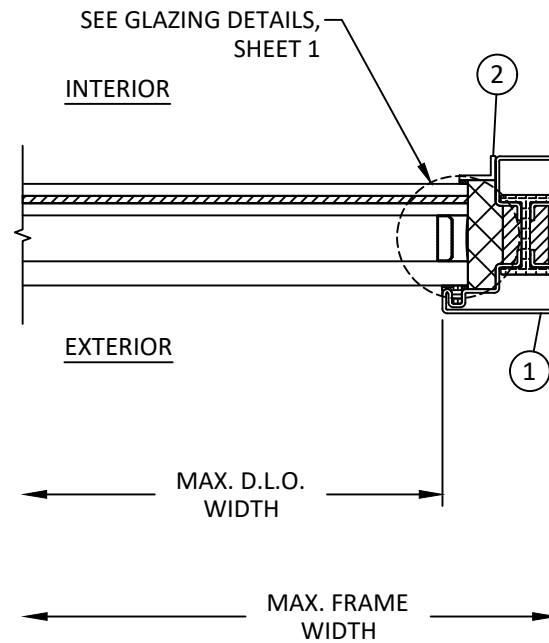


B HORIZONTAL SECTION

OUTSIDE GLAZED - JAMB



C5 HORIZONTAL SECTION
INSIDE GLAZED - JAMB



D HORIZONTAL SECTION
5 INSIDE GLAZED - JAMB

TITLE: EBE65 FIXED WINDOW (WZ3) (IMPACT)

HORIZONTAL SECTIONS

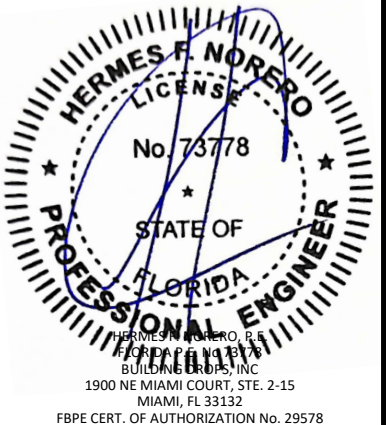
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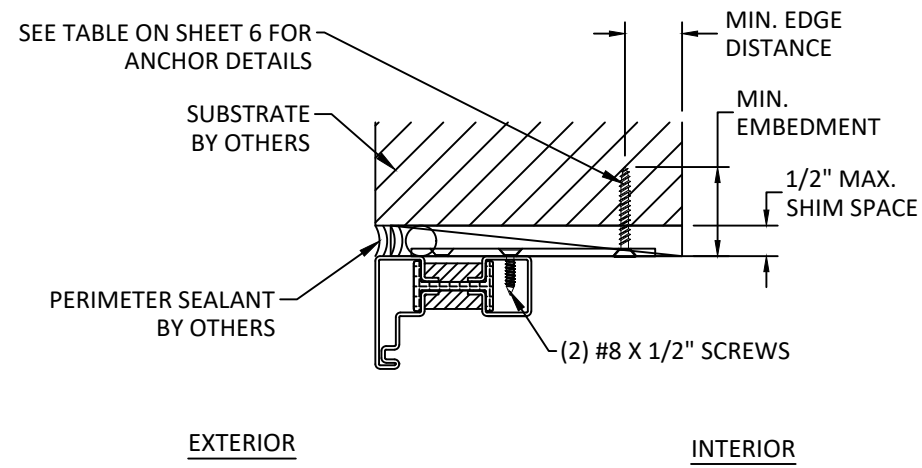


HEAD - THROUGH FRAME
JAMB AND SILL SIMILAR
INSIDE GLAZED



HEAD - THROUGH FRAME
JAMB AND SILL SIMILAR
OUTSIDE GLAZED

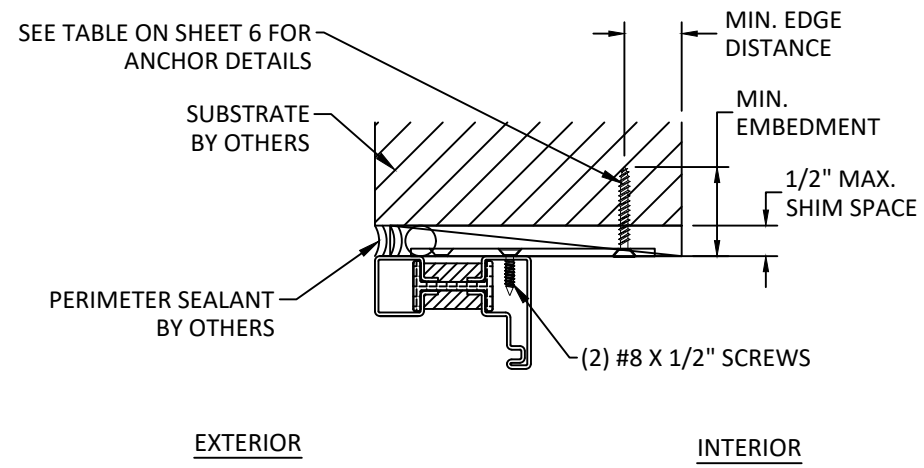
ANCHOR SCHEDULE					
METHOD	QUANTITY PER LOCATION	SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME	1	WOOD: MIN. SG = 0.55	#12 WOOD SCREW	1.50"	0.75"
		METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI ALUMINUM: 1/8" MIN., 6063-T5	#12 SELF-DRILLING SCREW	3 THREADS MIN PENETRATION BEYOND STRUCTURE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



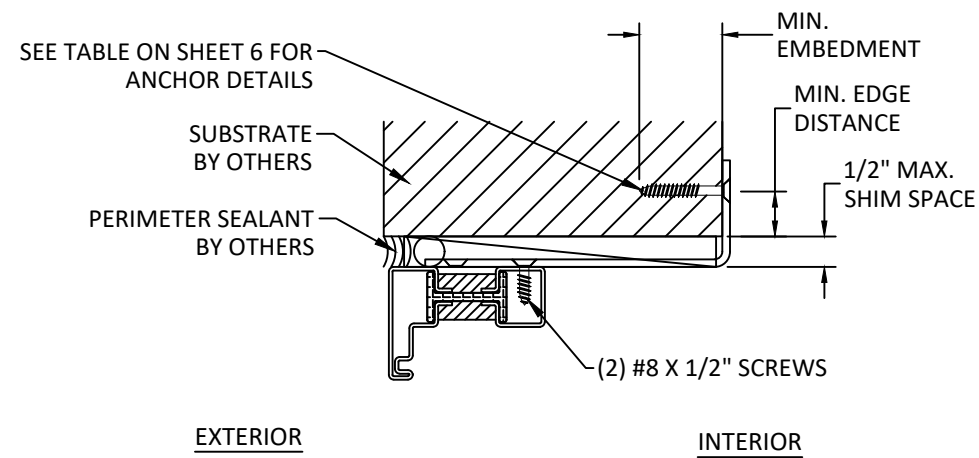
A
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VERTICAL SECTION

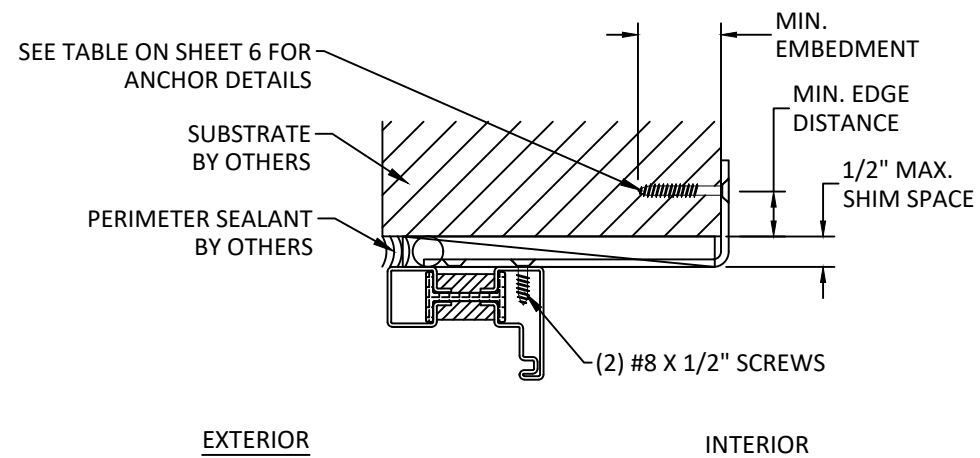
HEAD - STRAP
JAMB AND SILL SIMILAR
INSIDE GLAZED



B 7 VERTICAL SECTION HEAD - STRAP JAMB AND SILL SIMILAR OUTSIDE GLAZED



C 7 VERTICAL SECTION



D
7

VERTICAL SECTION

HEAD - BENT CLIP
JAMB AND SILL SIMILAR
OUTSIDE GLAZED

TITLE: EBE65 FIXED WINDOW (WZ3) (IMPACT)

ANCHOR DETAILS

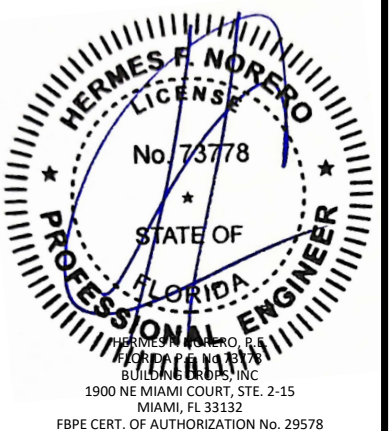
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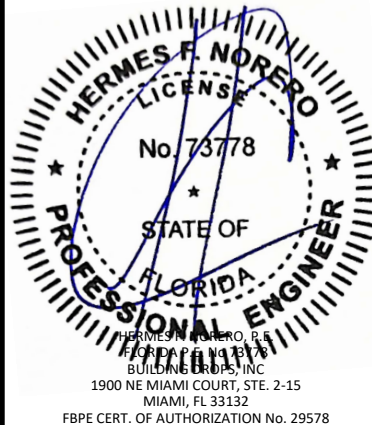
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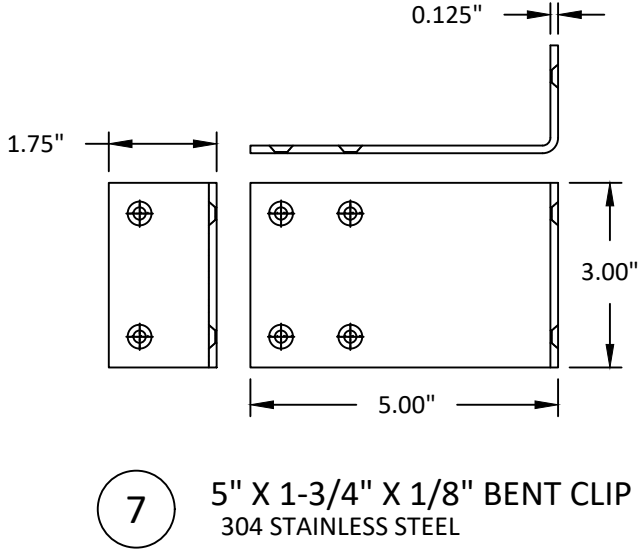
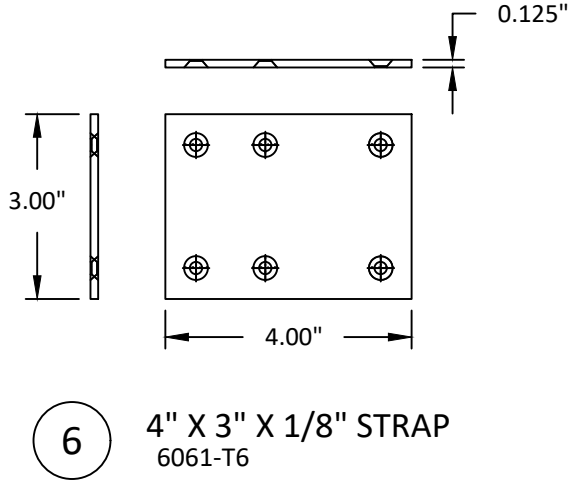
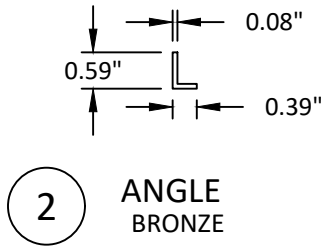
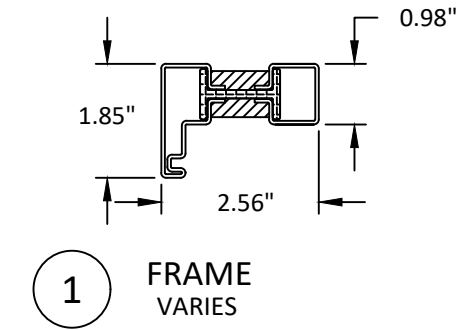
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SHEET:

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OF 9

BILL OF MATERIALS			
ITEM	DESCRIPTION	MATERIAL	MANUFACTURER
1	FRAME	VARIES	REILLY
2	ANGLE	BRONZE	REILLY
3	DOW 121	SILICONE	DOW CORNING
4	DOW 795	SILICONE	DOW CORNING
5	GLAZING TAPE	FOAM	BERRY GLOBAL
6	4" X 3" X 1/8" STRAP	6061-T6 ALUMINUM	REILLY
7	5" X 1-3/4" X 1/8" BENT CLIP	304 STAINLESS STEEL	REILLY



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BILL OF MATERIALS & COMPONENTS

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