

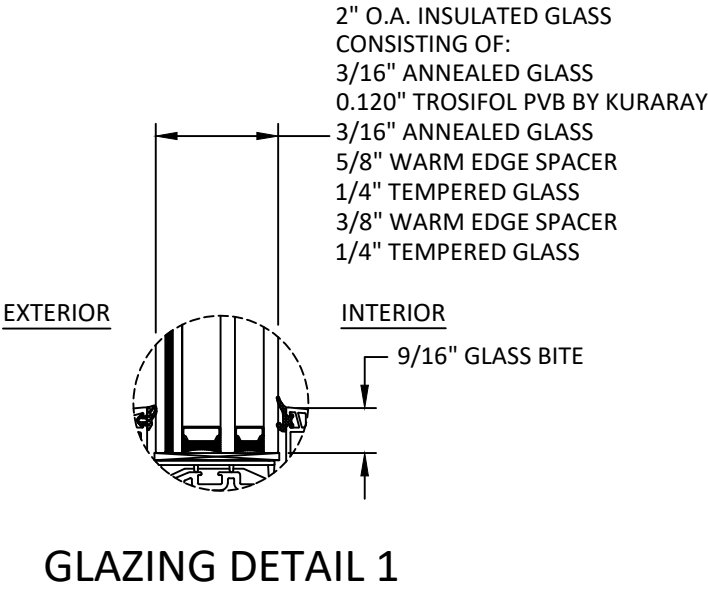
DRUTEX S.A.

IGLO EDGE FIXED WINDOW

(HVHZ)(IMPACT)

GENERAL NOTES:

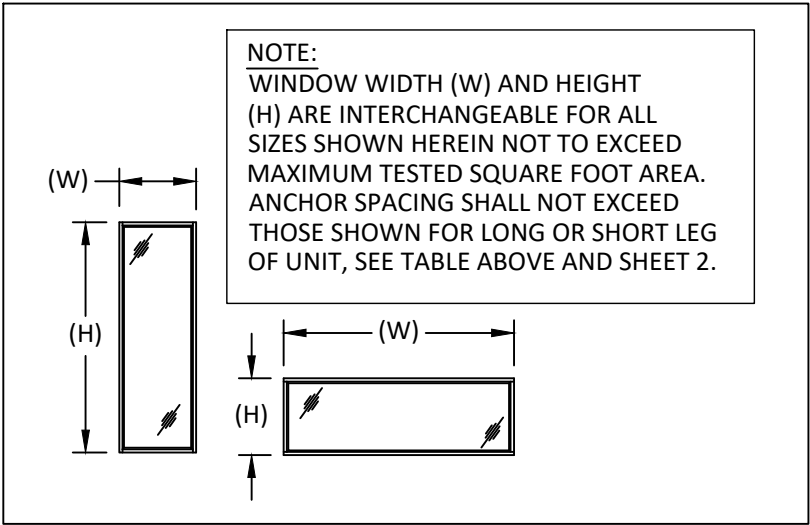
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC), INCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
- TAS 201-94
 - TAS 202-94
 - TAS 203-94
 - AAMA/WDMA/CSA 101/I.S.2/A440-17
 - ASTM E1886-19
 - ASTM E1996-20
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.
7. WINDOW FRAME MATERIAL: uPVC
8. GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAIL.
9. CUSTOM SIZES AVAILABLE UPON REQUEST. CUSTOM DESIGN PRESSURE WILL BE ASSIGNED EQUAL TO NEXT LARGER STANDARD SIZE.



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

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2	ELEVATION AND DESIGN PRESSURE TABLE
3	ANCHOR LAYOUT
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5	HORIZONTAL SECTIONS
6	ANCHOR DETAILS AND INSTALLATION NOTES
7	BILL OF MATERIALS & COMPONENTS

DESIGN PRESSURE RATING (PSF)				
CONFIGURATION	WIDTH (IN.)	HEIGHT (IN.)	DESIGN PRESSURE	MISSILE IMPACT RATING
O	SEE TABLE ON SHEET 2			LARGE & SMALL MISSILE IMPACT



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TITLE: IGLO EDGE FIXED WINDOW (HVHZ) (IMPACT)

GENERAL NOTES & GLAZING DETAIL

PREPARED BY:

BUILDING DROPS, INC.

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

B.D.
BUILDING DROPS

REMARKS	BY	DATE

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Reason: I am approving this document
Date: 2026.02.08 11:00:55 -0500'

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

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

FL #: **FL48010**

DATE: **01.08.26**

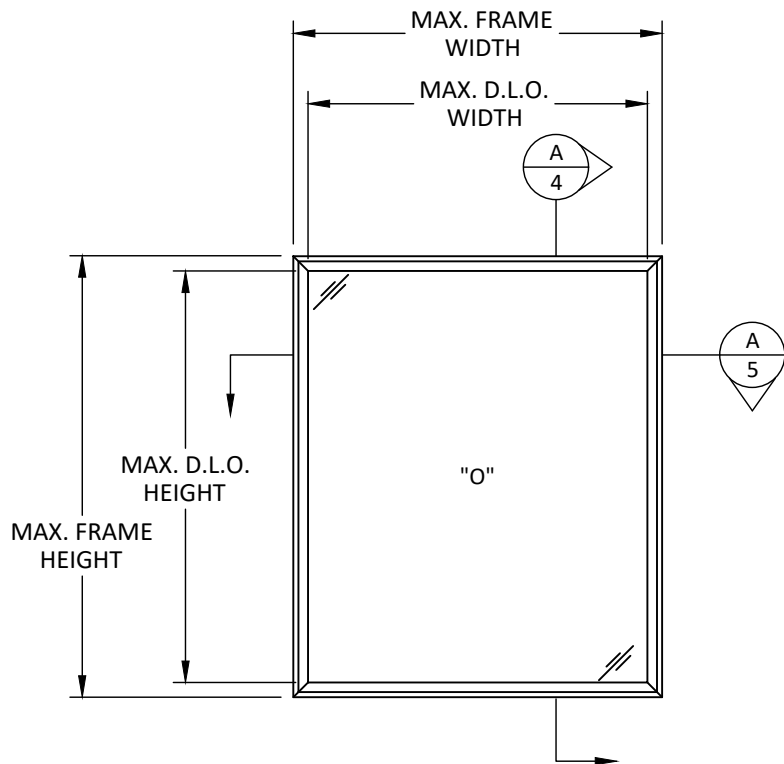
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SHEET: **1** OF 7

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ELEVATION
FIXED WINDOW

D.L.O. HEIGHT = FRAME HEIGHT - 5.8125"
D.L.O. WIDTH = FRAME WIDTH - 5.8125"

DESIGN PRESSURE CHART (PSF)			
FRAME WIDTH (IN.)	FRAME HEIGHT (IN.)	EXT. (+)	INT. (-)
33	48	70.00	70.00
	54	70.00	70.00
	60	70.00	70.00
	66	70.00	70.00
	72	70.00	70.00
	78	70.00	70.00
	84	70.00	70.00
	90	67.54	67.54
	96	55.57	55.57
	102	46.28	46.28
	108	38.95	38.95
	114	33.09	33.09
	120	28.35	28.35
	126	24.48	24.48
36	132	21.28	21.28
	138	18.61	18.61
	144	16.38	16.38
	48	70.00	70.00
	54	70.00	70.00
	60	70.00	70.00
	66	70.00	70.00
	72	70.00	70.00
	78	70.00	70.00
	84	69.73	69.73
	90	56.56	56.56
	96	46.51	46.51
	102	38.71	38.71
	108	32.57	32.57
42	114	27.66	27.66
	120	23.69	23.69
	48	70.00	70.00
	54	70.00	70.00
	60	70.00	70.00
	66	70.00	70.00
	72	70.00	70.00
	78	70.00	70.00
	84	60.17	60.17
	90	48.76	48.76
	96	40.07	40.07
	102	33.33	33.33

DESIGN PRESSURE CHART (PSF)			
FRAME WIDTH (IN.)	FRAME HEIGHT (IN.)	EXT. (+)	INT. (-)
48	48	70.00	70.00
	54	70.00	70.00
	60	70.00	70.00
	66	70.00	70.00
	72	70.00	70.00
	78	66.62	66.62
	84	53.06	53.06
	90	42.96	42.96
54	48	70.00	70.00
	54	70.00	70.00
	60	70.00	70.00
	66	70.00	70.00
	72	70.00	70.00
	78	59.83	59.83
60	48	70.00	70.00
	54	70.00	70.00
	60	70.00	70.00
	66	70.00	70.00
	72	70.00	70.00

NOTE: ALL PRESSURES MEET WATER INFILTRATION REQUIREMENTS.



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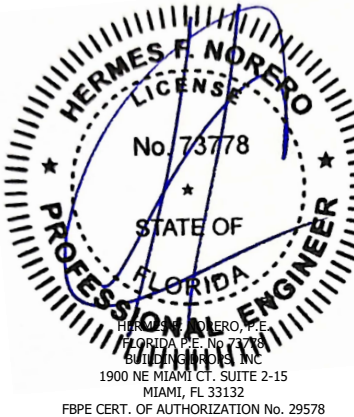
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(HVVHZ) (IMPACT)
ELEVATION & DESIGN
PRESSURE TABLE

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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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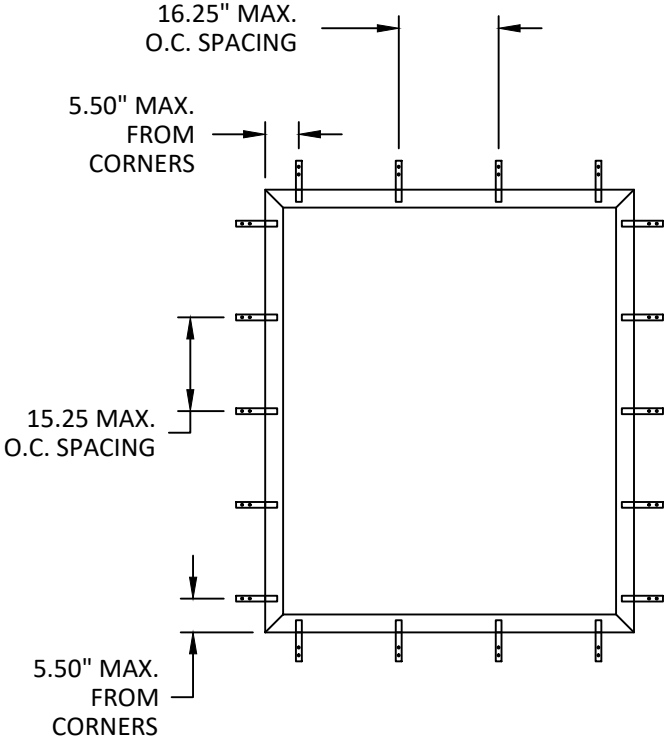
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ANCHOR LAYOUT
FIXED WINDOW - STRAP
INSTALLATION

NOTE: TWO (2) INSTALLATION ANCHORS
PER STRAP LOCATION.



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ANCHOR LAYOUT

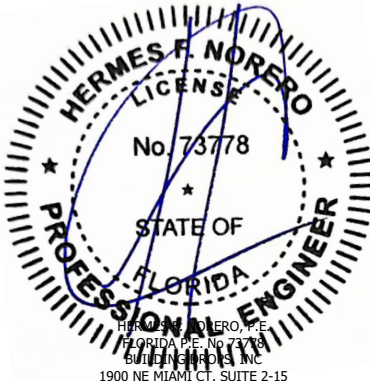
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FLORIDA P.E. No. 73778
BUILDING DROPS, INC.
1900 NE MIAMI CT., SUITE 2-15
MIAMI, FL 33132
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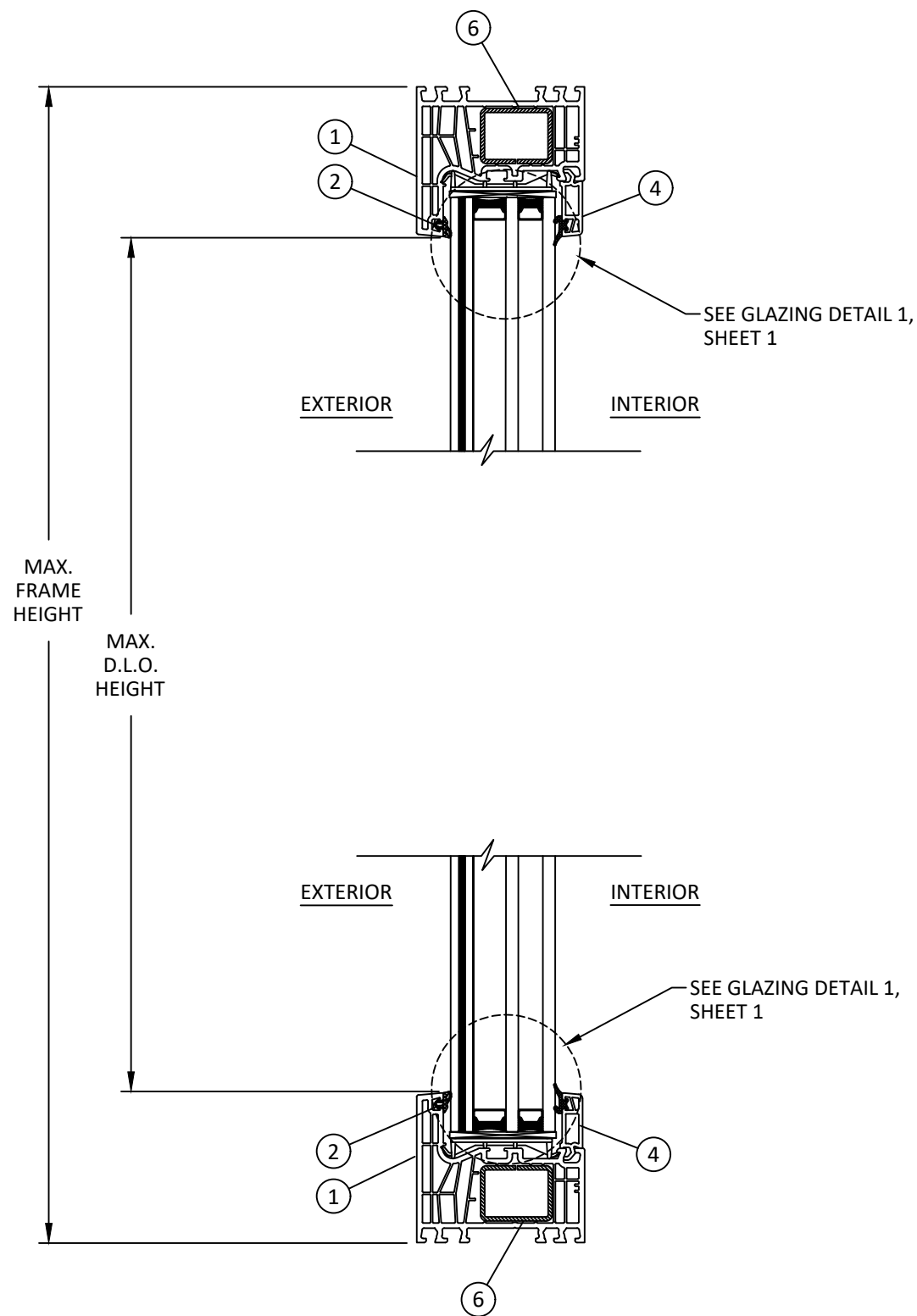
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A
4 **VERTICAL SECTION**
TYP. HEAD AND SILL DETAIL



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VERTICAL SECTIONS

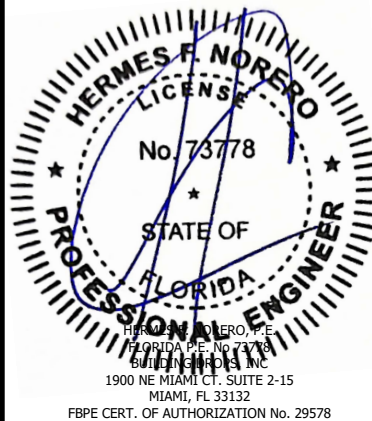
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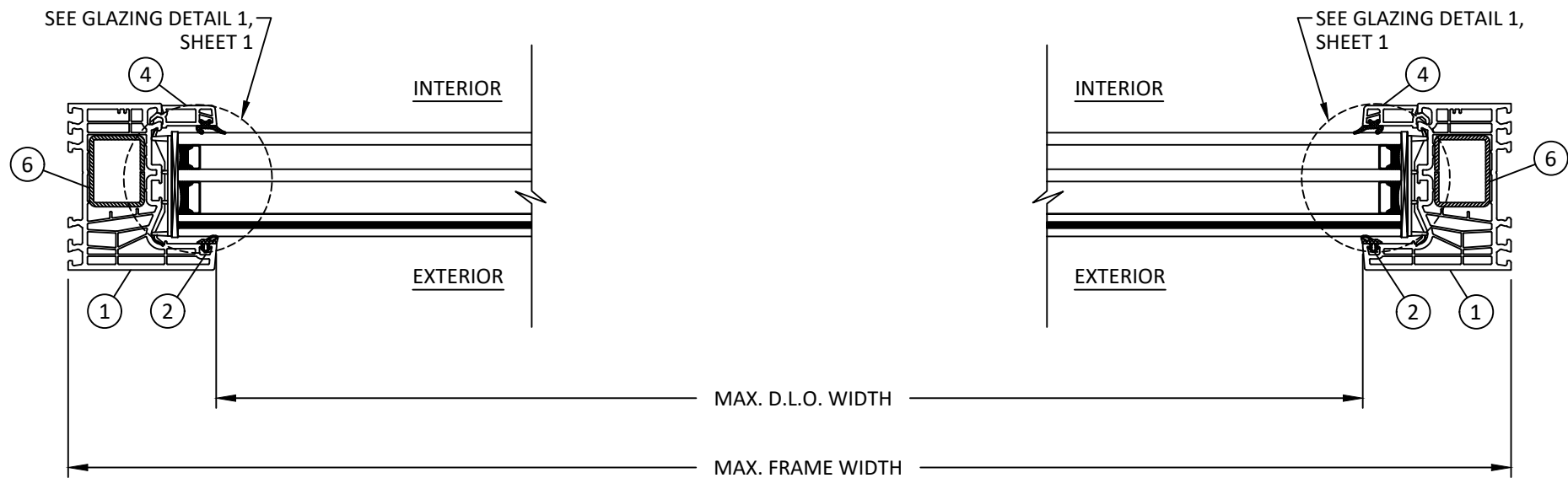


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A
5 **HORIZONTAL SECTION**
TYP. JAMB DETAIL



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HORIZONTAL SECTIONS

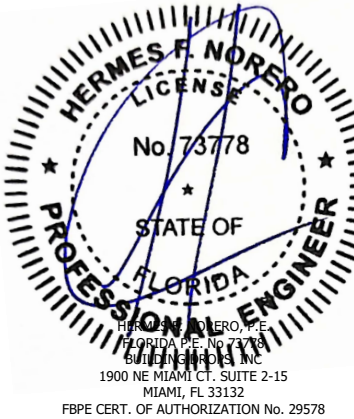
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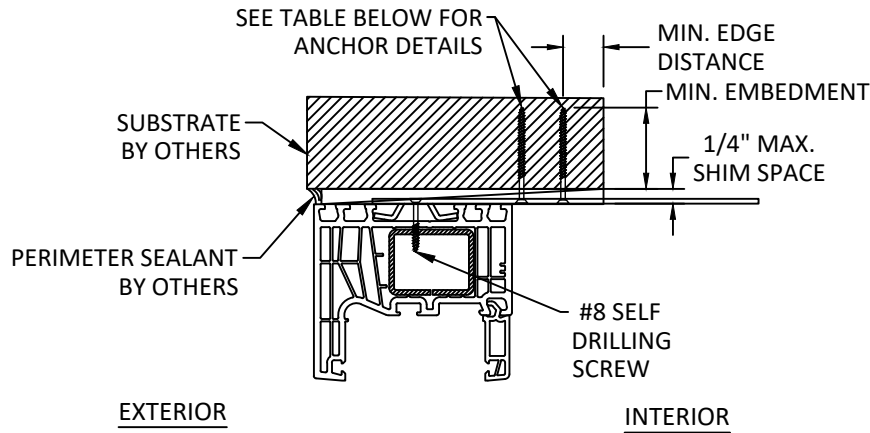
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A
6 **VERTICAL SECTION**
HEAD - STRAP

NOTE: SILL & JAMB SIMILAR

INSTALLATION NOTES:

- TWO (2) INSTALLATION ANCHORS ARE REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED ON SHEET 3.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ± 1.000 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 1/4 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	SUBSTRATE	ANCHOR SCHEDULE	MIN EMBEDMENT	MIN. EDGE DISTANCE
STRAP	WOOD: MIN. SG = 0.55	#8 WOOD SCREW	1.50"	0.75"
	METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI ALUMINUM: 1/8" MIN., 6063-T5	#8 SELF-DRILLING SCREW	3 THREADS MIN PENETRATION BEYOND STRUCTURE	0.50"
	CONCRETE: f'c=3000PSI	3/16" ITW TAPCON	1.25"	2.00"
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI	3/16" ITW TAPCON	1.00"	2.00"



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ANCHOR DETAILS &
INSTALLATION NOTES

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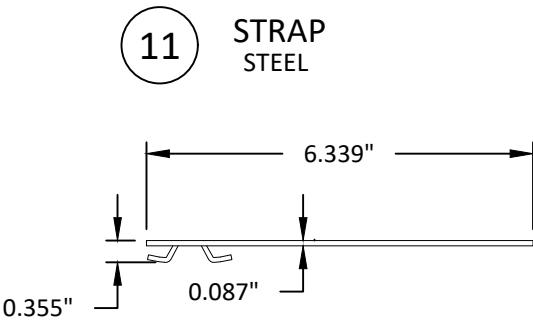
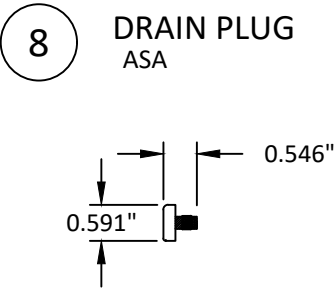
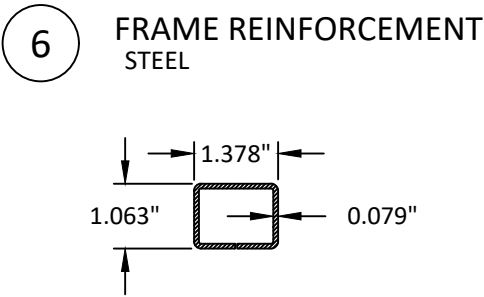
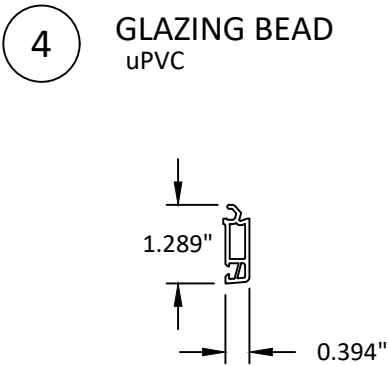
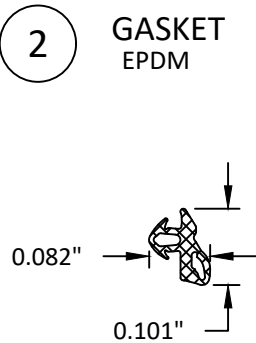
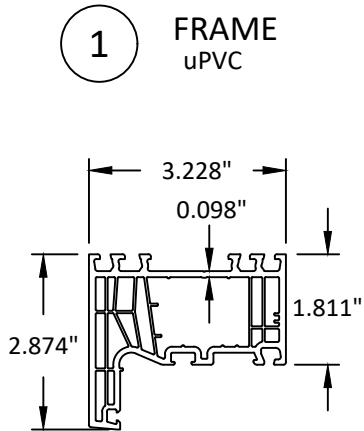
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BILL OF MATERIALS			
ITEM	PART NO.	DESCRIPTION	MATERIAL
1	80001	FRAME	uPVC
2	U-001	GASKET	EPDM
3	-	IGU COMPARED GLASS	GLASS
4	70948A	GLAZING BEAD	uPVC
5	-	IGU BRIDGE R8 + SETTING BLOCK	uPVC
6	250030	REINFORCEMENT	STEEL
7	-	GLUE DOWSIL 993 STRUCTURAL SILICONE REPAIR KIT	-
8	-	DRAIN PLUG	ASA
9	-	SELF DRILLING LATH SCREW #8 X 1"	GALVANIZED STEEL
10	-	BUCK	WOOD
11	-	STRAP	STEEL
12	-	SHEET METAL SCREW #8 X 3/4"	GALVANIZED STEEL
13	-	DOWSIL 791 SILICONE WEATHERPROOFING SEALANT	-



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BILL OF MATERIALS
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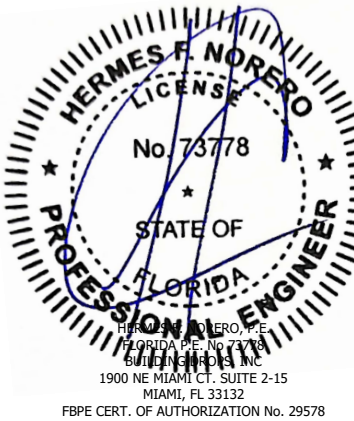
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