

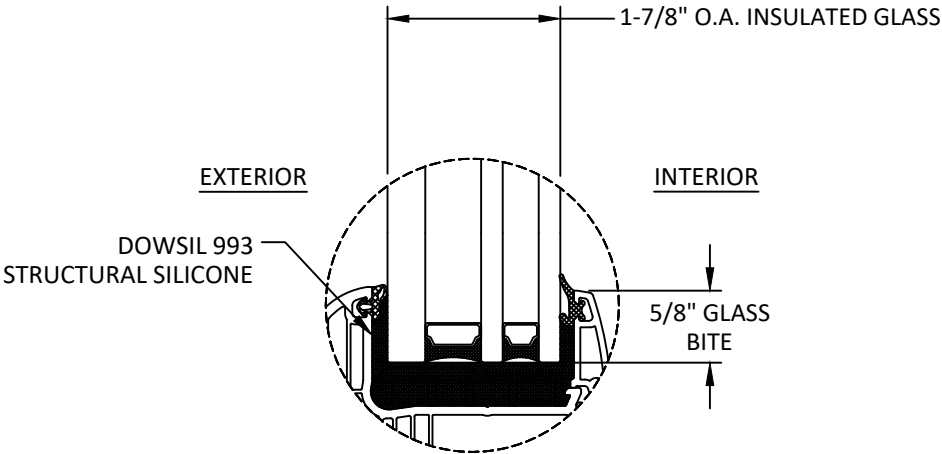
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DRUTEX S.A.

IGLO ENERGY CLASSIC BALCONY DOOR (NON-HVHZ)(NON-IMPACT)

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - 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 ±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 DETAIL 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 REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- WINDOW FRAME MATERIAL: uPVC
- GLASS SHALL MEET THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAIL.



GLAZING DETAIL 1

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.

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES AND GLAZING DETAIL
2	ELEVATION AND DESIGN PRESSURE TABLE
3	ANCHOR LAYOUTS
4	VERTICAL SECTIONS
5	VERTICAL SECTIONS CONTINUED
6	HORIZONTAL SECTIONS
7	ANCHOR DETAIL AND INSTALLATION NOTES
8	ANCHOR DETAIL CONTINUED

DESIGN PRESSURE RATING (PSF)				
CONFIGURATION	WIDTH (IN.)	HEIGHT (IN.)	DESIGN PRESSURE	MISSILE IMPACT RATING
X	SEE TABLE ON SHEET 2			NON-IMPACT



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(NON-HVHZ) (NON-IMPACT)
GENERAL NOTES &
GLAZING DETAIL

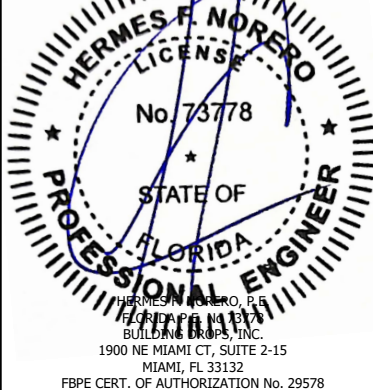
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MIAMI, FL 33132
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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.08.07 08:05:45 -0400



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DATE: **12.12.2022**

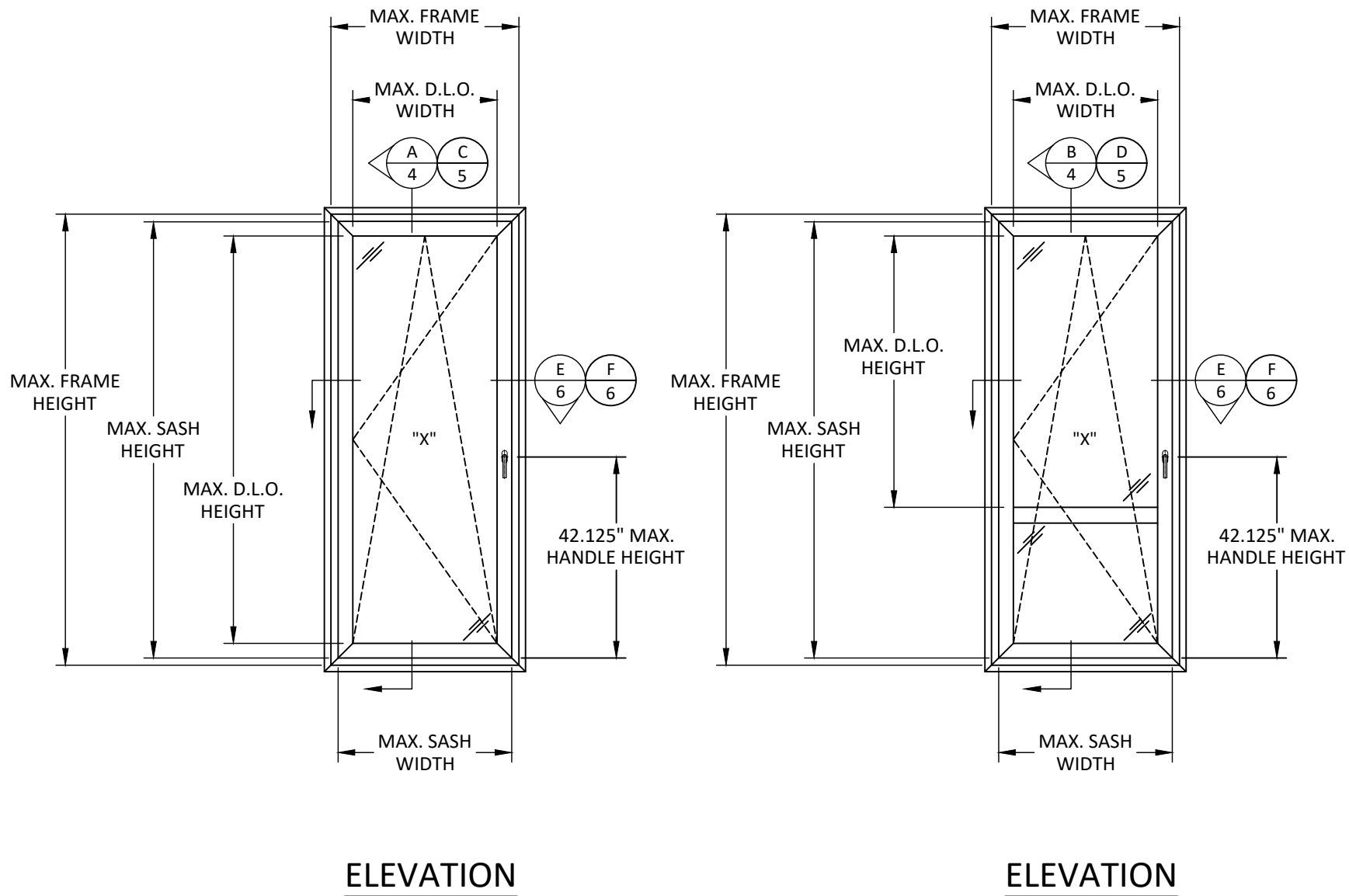
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SCALE: **NTS**

DWG. #: **DRU008**

SHEET: **1** REV. **B**

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SASH HEIGHT = FRAME HEIGHT - 3.0"
SASH WIDTH = FRAME WIDTH - 3.0"
D.L.O. HEIGHT = FRAME HEIGHT - 9.75"
D.L.O. WIDTH = FRAME WIDTH - 9.75"

SASH HEIGHT = FRAME HEIGHT - 3.0"
SASH WIDTH = FRAME WIDTH - 3.0"
D.L.O. HEIGHT = FRAME HEIGHT - 9.75"
D.L.O. WIDTH = FRAME WIDTH - 9.75"

DESIGN PRESSURE TABLE (PSF)		
NOMINAL DIMS.		GLASS TYPE 1
FRAME WIDTH (in.)	FRAME HEIGHT (in.)	EXT. (+) INT. (-)
36.0	60.0	70.0
42.0		70.0
48.0		61.3
54.0		54.4
60.0		49.0
66.0	66.0	44.5
36.0		70.0
42.0		70.0
48.0		61.3
54.0		54.4
60.0	72.0	49.0
36.0		70.0
42.0		70.0
48.0		61.3
54.0		54.4
60.0	78.0	70.0
36.0		70.0
42.0		70.0
48.0		61.3
54.0		54.4
60.0	84.0	70.0
36.0		70.0
42.0		70.0
48.0		61.3
54.0		54.4
60.0	90.0	70.0
36.0		70.0
42.0		70.0
48.0		61.3
54.0		54.4
60.0	96.0	70.0
36.0		70.0
42.0		70.0
48.0		61.3
54.0		54.4
60.0	102.0	70.0
36.0		70.0
42.0		70.0
48.0		61.3
54.0		54.4
60.0	108.0	70.0
36.0		70.0
42.0		70.0
48.0		61.3
54.0		54.4

NOTE: ALL PRESSURES MEET WATER INFILTRATION REQUIREMENTS.



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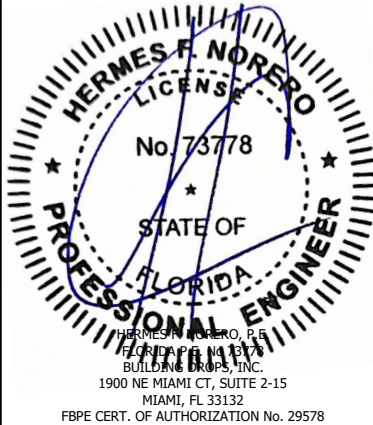
TITLE: IGLO ENERGY CLASSIC
BALCONY DOOR
(NON-HVHZ) (NON-IMPACT)
ELEVATION &
DESIGN PRESSURE TABLE

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DWG. #: DRU008

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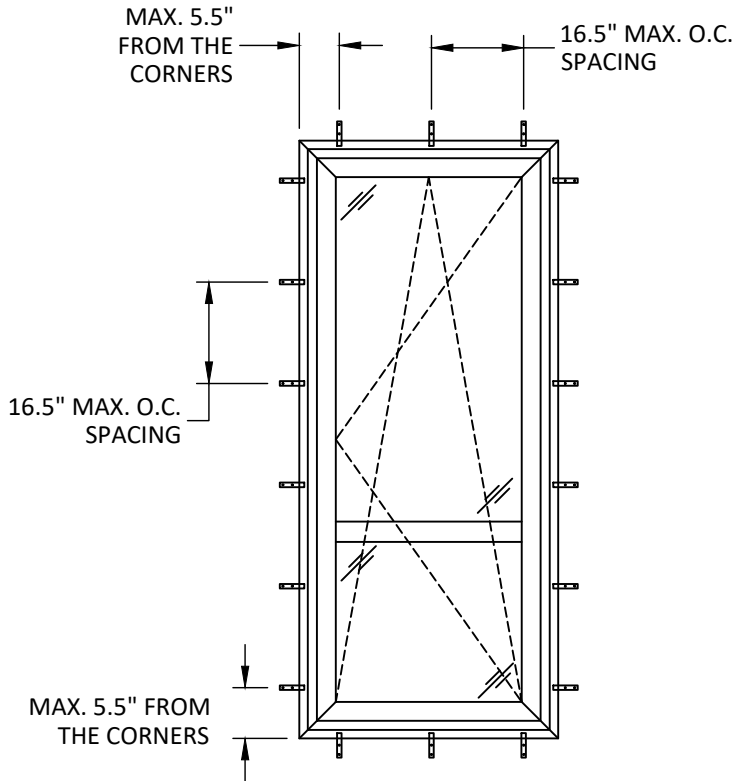
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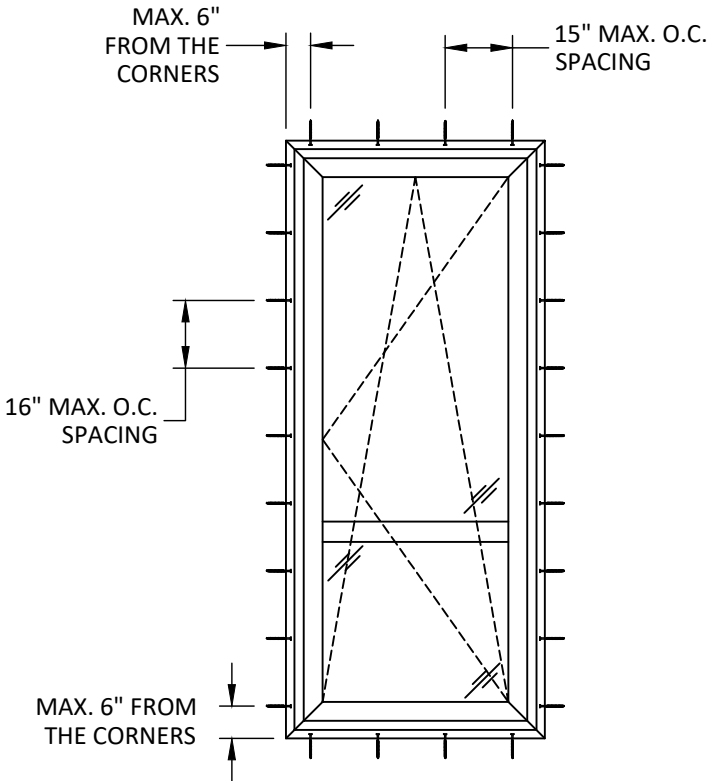
THROUGH FRAME/NAIL-FIN

⊢

STRAP

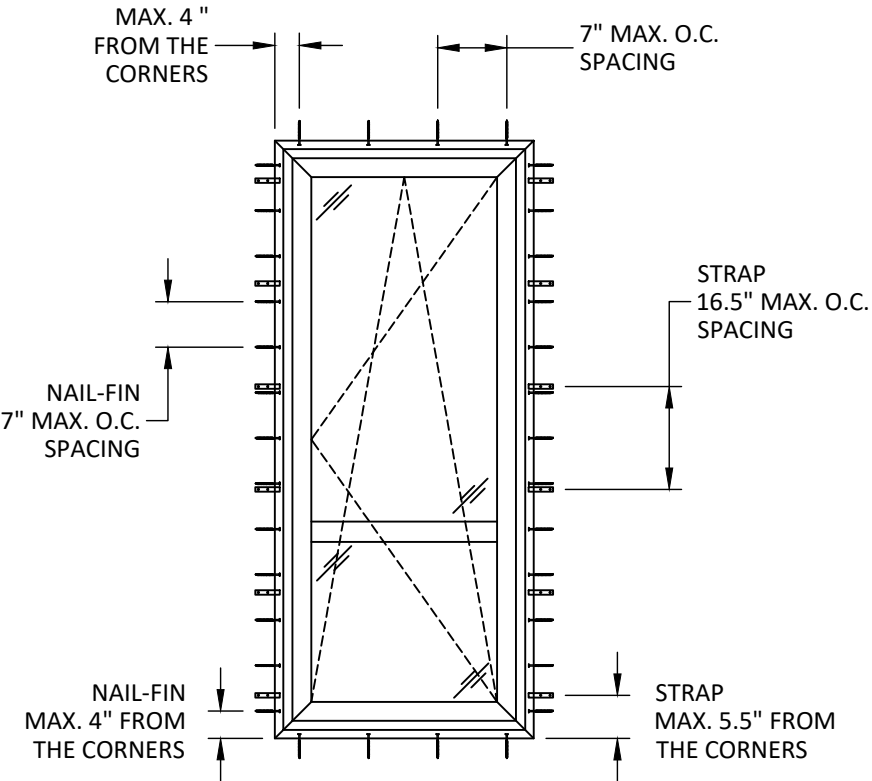


ANCHOR LAYOUT
STRAP INSTALLATION



ANCHOR LAYOUT
THROUGH FRAME INSTALLATION

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



ANCHOR LAYOUT
NAIL-FIN & STRAP INSTALLATION

NOTE: WHEN NAIL-FIN INSTALLATION IS
USED, STRAPS MUST BE USED AT THE
JAMBS.



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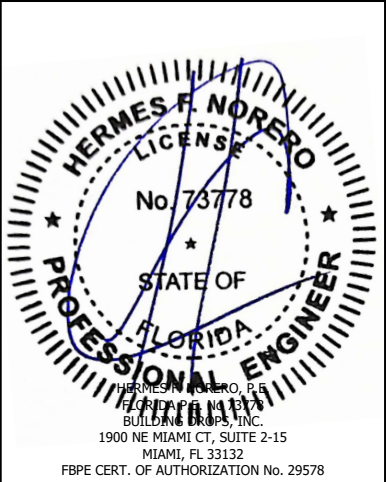
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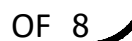


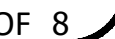
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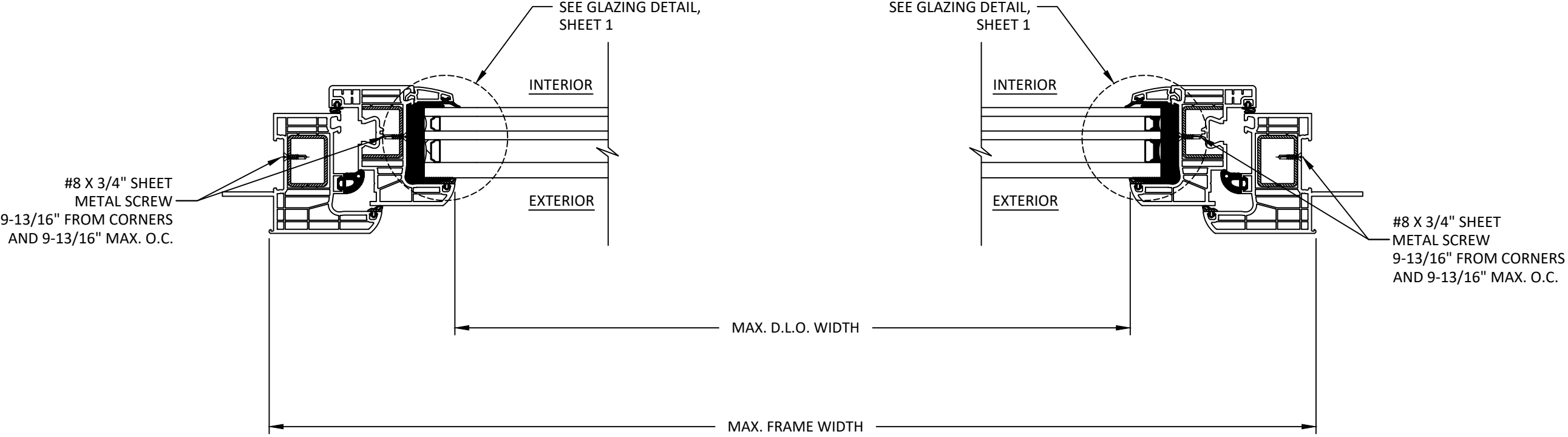


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SH	HFN
SCALE:	NTS
DWG. #:	DRU008
SHEET:	REV.
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OF 8	

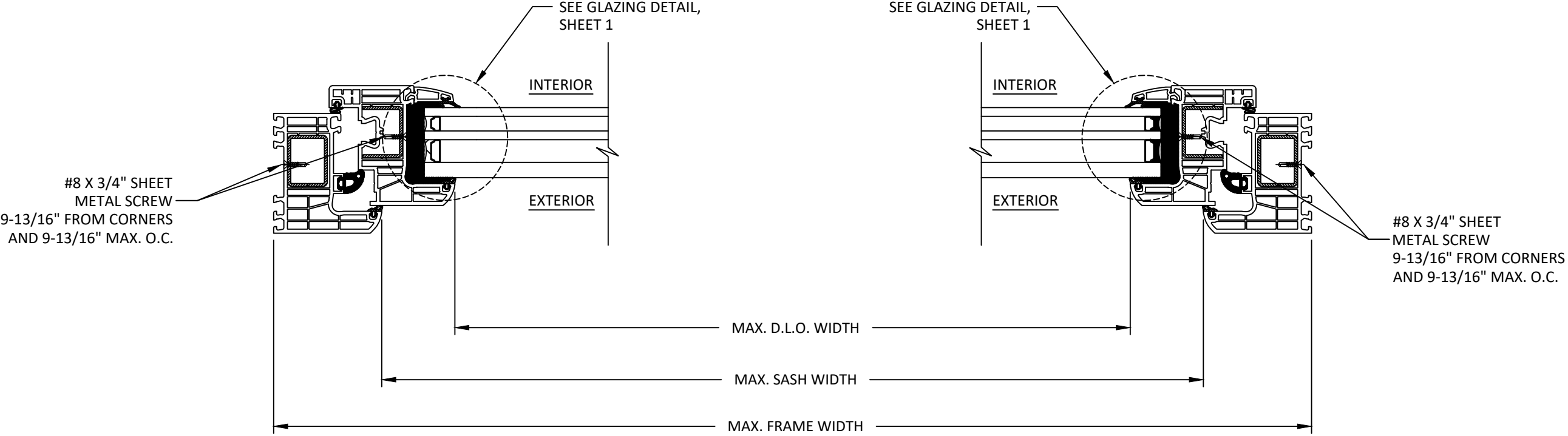




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E
6 HORIZONTAL SECTION
FIN SECTION DETAIL



F
6 HORIZONTAL SECTION
FIN SECTION DETAIL



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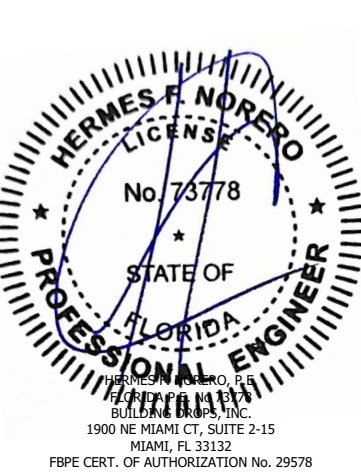
TITLE: IGLO ENERGY CLASSIC
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HORIZONTAL SECTIONS

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SHEET:
6

REV.
B

OF 8



VERTICAL SECTION

HEAD - STRAP

NOTE: SILL & JAMB SIMILAR

- B**
7
- VERTICAL SECTION**
- SILL - NAIL-FIN

VERTICAL SECTION

SILL - NAIL-FIN

NOTE: HEAD & JAMB SIMILAR

ANCHOR SCHEDULE					
METHOD	SUBSTRATE	ANCHOR TYPE	MIN EMBEDMENT	MIN. EDGE DISTANCE	SPACING
NAIL-FIN	WOOD: MIN. SG = 0.55	#8 WOOD SCREW	1.50"	0.75"	SEE SHEET 3
	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"	
STRAP OR THROUGH FRAME	WOOD: MIN. SG = 0.55	#10 WOOD SCREW	1.50"	0.75"	SEE SHEET 3
	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"	2.00"	
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI	3/16" ITW TAPCON	1.00"	2.00"	



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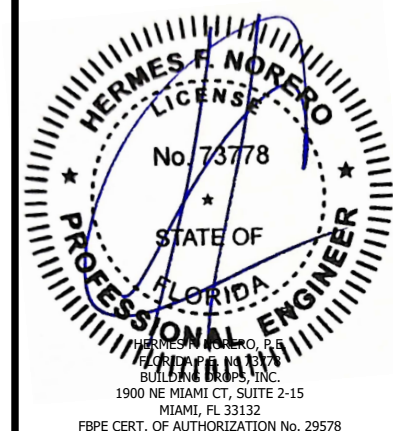
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ANCHOR DETAIL &
INSTALLATION NOTES

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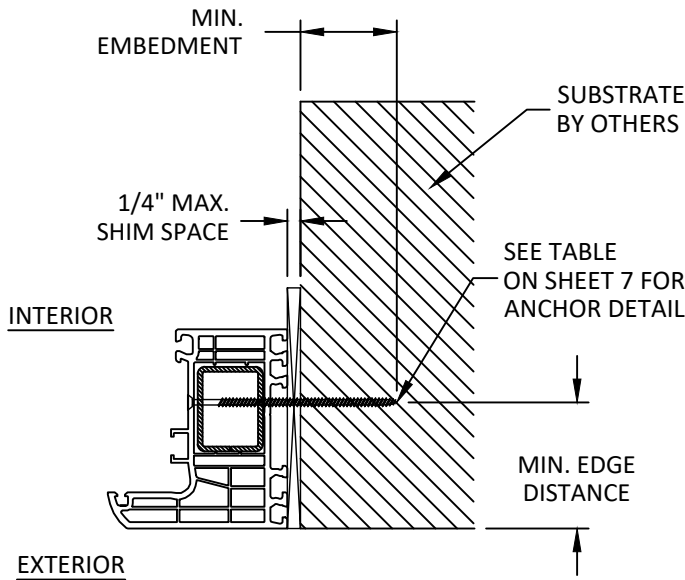
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SCALE: NTS

DWG. #: DRU008

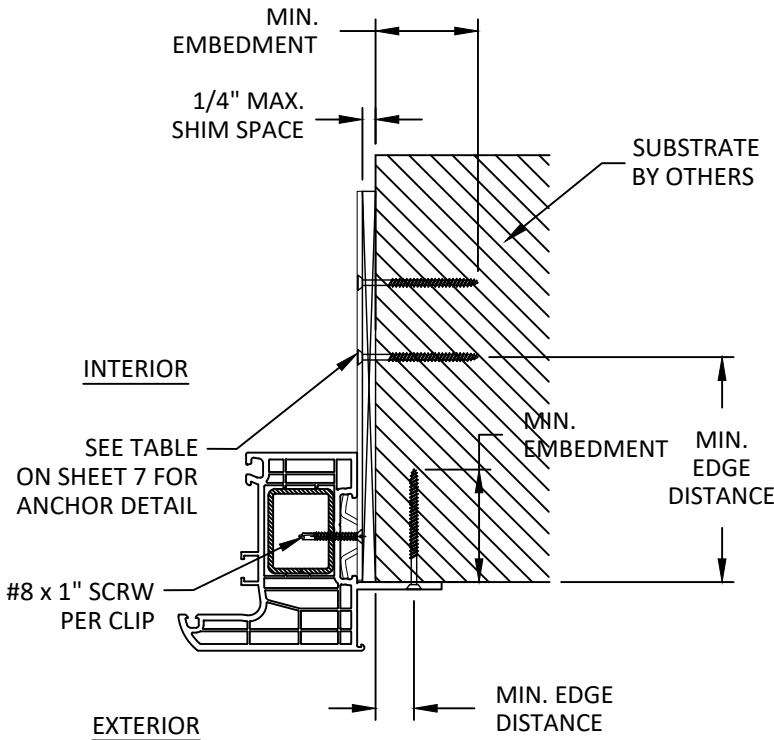
SHEET:	7	REV.	B
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OF 8



C
8 HORIZONTAL SECTION
JAMB - THROUGH FRAME

NOTE: HEAD & SILL SIMILAR



D
8 HORIZONTAL SECTION
JAMB - NAIL-FIN & STRAP



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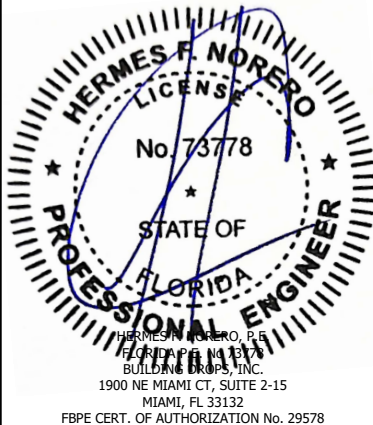
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