

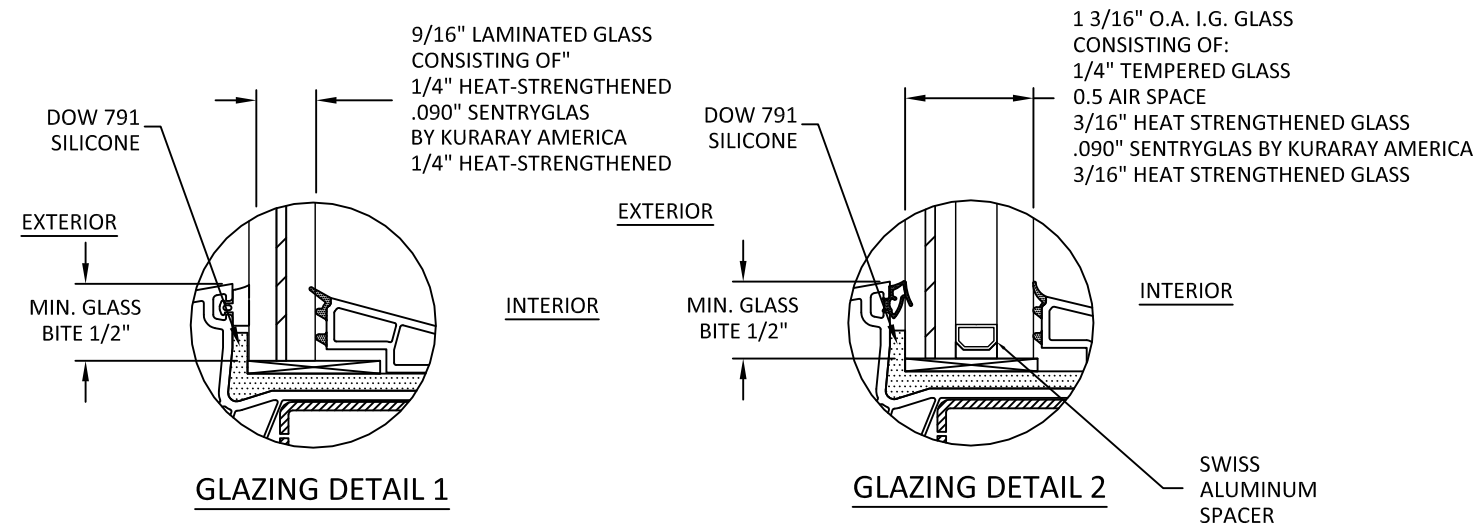
EUROCRAFT INDUSTRIES INC.

76AD FIXED WINDOW (IMPACT) (HVHZ)

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), INCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
- 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 ±1/4 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 IN NON-HVHZ AREAS. IN HVHZ AREAS, ONE TIME PRODUCT APPROVAL TO BE OBTAINED FROM MIAMI-DADE RER OR AHJ.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- WINDOW FRAME MATERIAL: RIGID PVC
- GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.

TYP. OVERALL SIZE		DESIGN PRESSURE	CONFIGURATION	GLAZING	IMPACT RATING
WIDTH	HEIGHT				
48"	120"	+/- 120 PSF	"O"	G1-G4	LMI
96 ⁷ / ₈ "	120"	+/- 75 PSF	"OO"	G1-G4	LMI



NOTE:

- GLASS TYPE AND THICKNESS COMPLY WITH ASTM E-1300 GLASS CHART REQUIREMENTS.
- ALL GLAZING CONFIGURATIONS COMPLY WITH SAFETY GLAZING REQUIREMENTS OUTLINED IN CURRENT FBC
- SETTING BLOCK SHALL BE 70-90 DUROMETER AS PER CH 24 OF THE CURRENT FBC.
- GLASS LITES THAT EXCEED 36" IN WIDTH SHALL USE SETTING BLOCKS AT 1/4 SPAN FROM CORNERS.

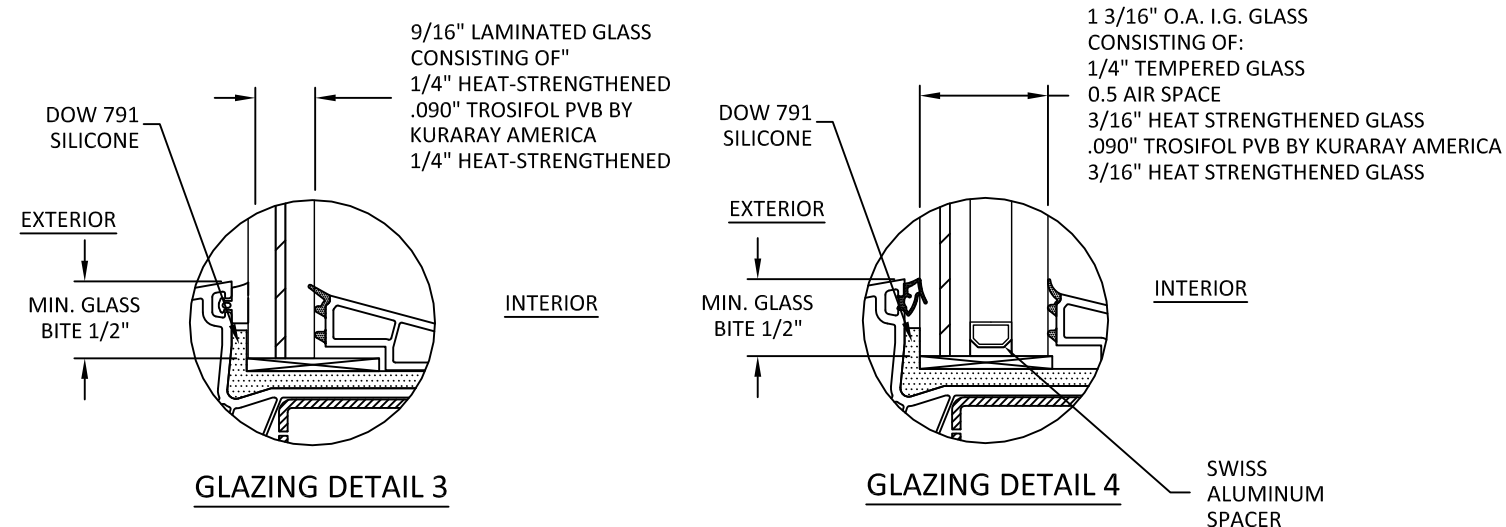


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TITLE: 76AD FIXED WINDOW (IMPACT) (HVHZ)
GENERAL NOTES & GLAZING DETAILS
PREPARED BY: BUILDING DROPS, INC.
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REMARKS	BY	DATE

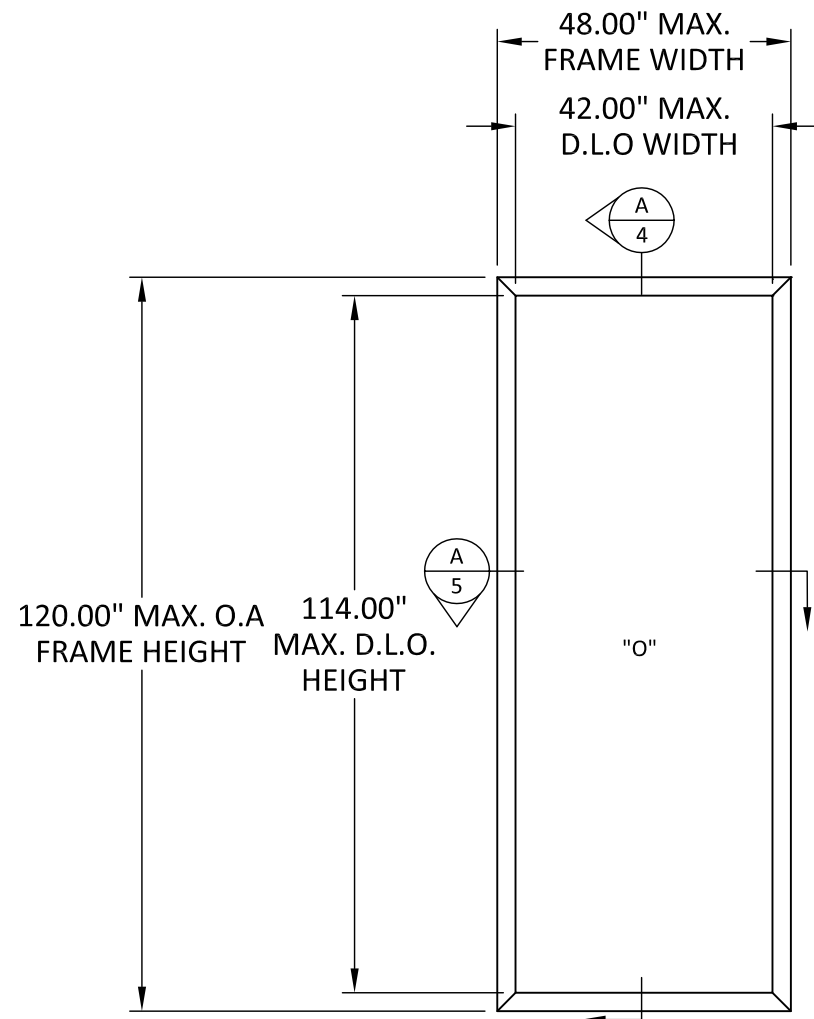
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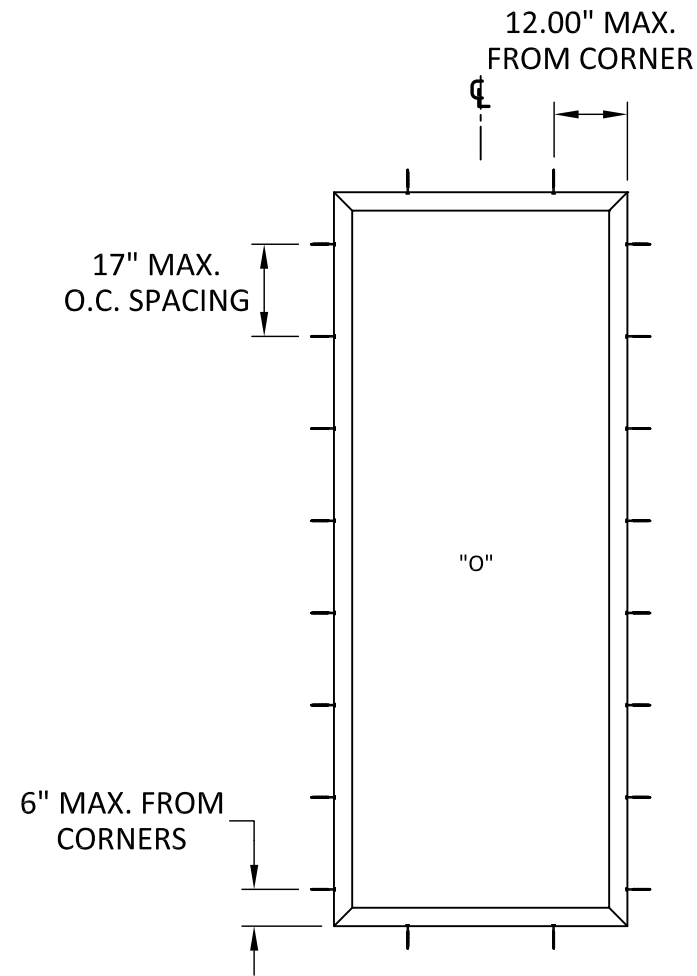
FL #: **FL27614**
DATE: **04.19.19**
DWG. BY: **EG** CHK. BY: **HFN**
SCALE: **NTS**
DWG. #: **ECI012**
SHEET: **1** OF 7

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ELEVATION
FIXED WINDOW - SINGLE



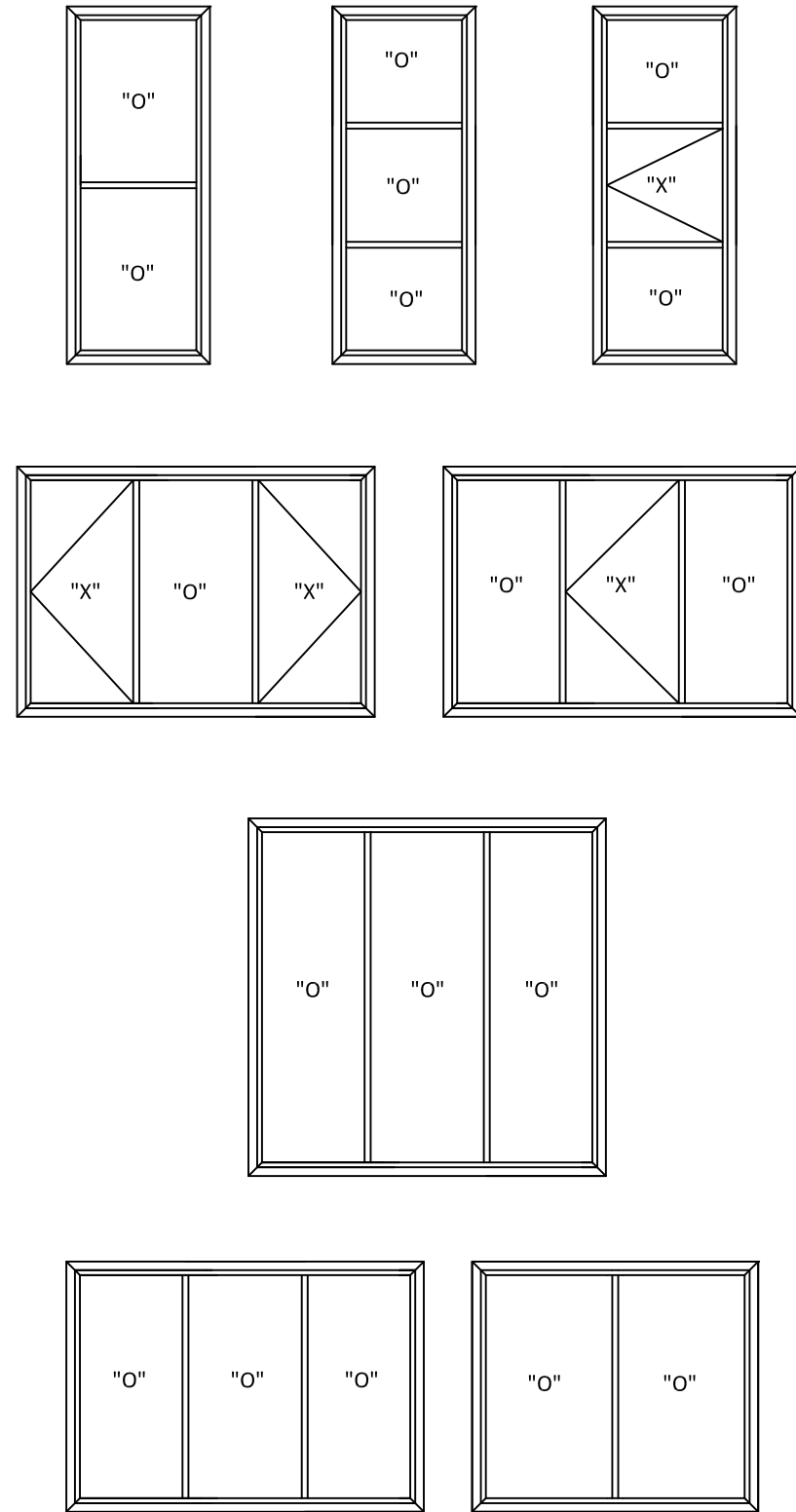
ANCHOR LAYOUT
FIXED WINDOW - SINGLE
THROUGH FRAME

DESIGN PRESSURE TABLE (psf) - FIXED WINDOW

		PANEL WIDTH (INCHES)										
		24	30	36	42	48	54	60	66	72	78	84
PANEL HEIGHT (INCHES)	60	120.0	120.0	120.0	120.0	120.0	106.7	96.0	105.6	109.7	96.0	85.3
	66	120.0	120.0	120.0	120.0	120.0	106.7	96.0	87.3	95.2	102.4	90.4
	72	120.0	120.0	120.0	120.0	120.0	106.7	96.0	87.3	80.0	86.7	-
	78	120.0	120.0	120.0	120.0	120.0	106.7	96.0	87.3	80.0	-	-
	84	120.0	120.0	120.0	120.0	120.0	106.7	96.0	87.3	80.0	-	-
	90	120.0	120.0	120.0	120.0	120.0	106.7	96.0	-	-	-	-
	96	120.0	120.0	120.0	120.0	120.0	106.7	96.0	-	-	-	-
	102	120.0	120.0	120.0	120.0	120.0	106.7	-	-	-	-	-
	108	120.0	120.0	120.0	120.0	120.0	-	-	-	-	-	-
	114	120.0	120.0	120.0	120.0	120.0	-	-	-	-	-	-
120	120.0	120.0	120.0	120.0	120.0	-	-	-	-	-	-	

QUALIFIED CONFIGURATIONS

NOTE:
CONFIGURATIONS WITH
CASEMENT/TILT & TURN QUALIFIED
UNDER SEPERATE APPROVAL.

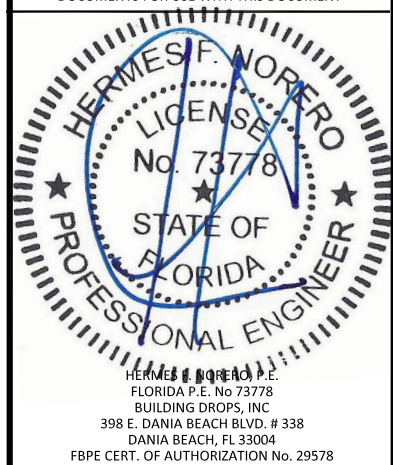


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REMARKS	BY	DATE

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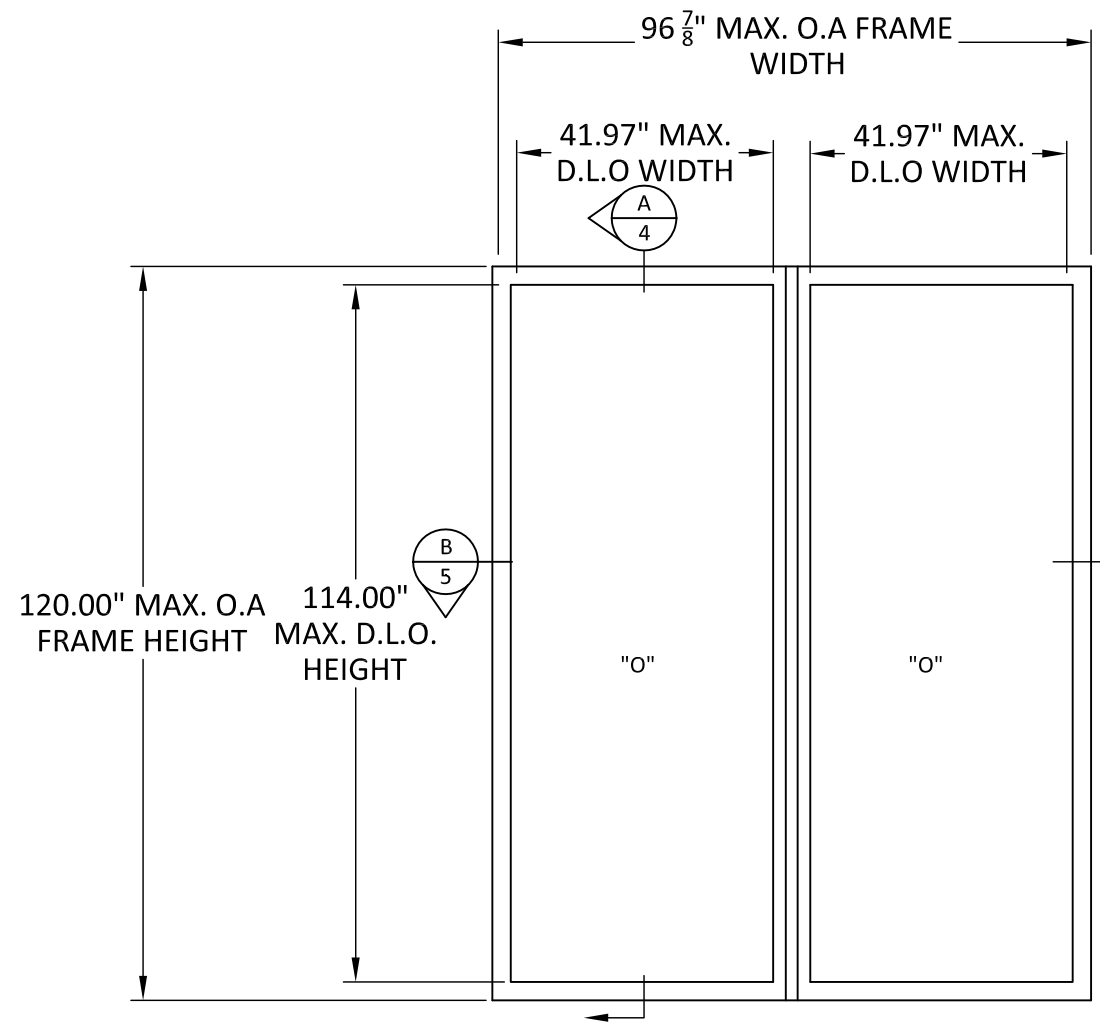
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OF 7



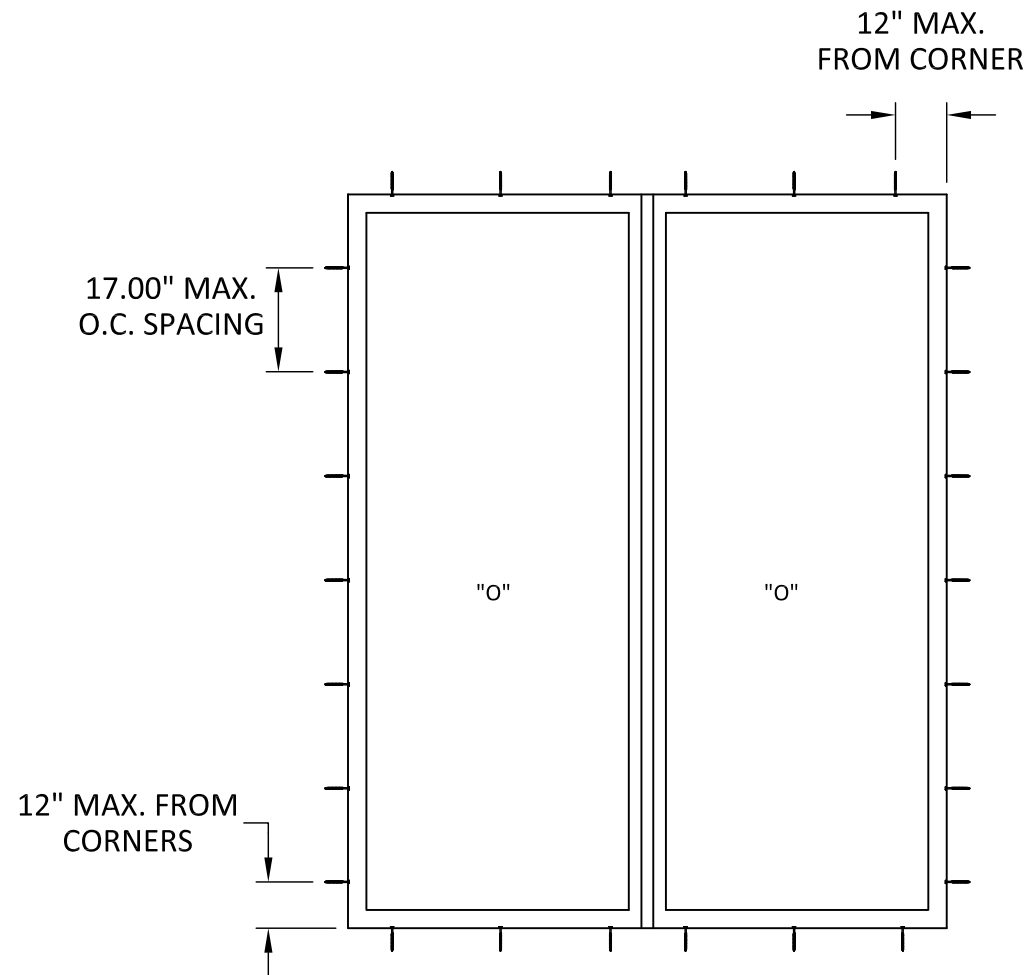
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ELEVATION
FIXED WINDOW - TWIN



ANCHOR LAYOUT
FIXED WINDOW - TWIN
THROUGH FRAME

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SCALE: **NTS**

DWG. #: **ECI012**

SHEET:


DESIGN PRESSURE TABLE (psf) - FIXED WINDOW (TWIN)												
		PANEL WIDTH (INCHES)										
		24	30	36	42	48	54	60	66	72	78	84
PANEL HEIGHT (INCHES)	60	75.0	75.0	75.0	75.0	75.0	66.7	60.0	66.0	68.6	60.0	53.3
	66	75.0	75.0	75.0	75.0	75.0	66.7	60.0	54.5	59.5	64.0	56.5
	72	75.0	75.0	75.0	75.0	75.0	66.7	60.0	54.5	50.0	54.2	-
	78	75.0	75.0	75.0	75.0	75.0	66.7	60.0	54.5	50.0	-	-
	84	75.0	75.0	75.0	75.0	75.0	66.7	60.0	54.5	-	-	-
	90	75.0	75.0	75.0	75.0	75.0	66.7	60.0	-	-	-	-
	96	75.0	75.0	75.0	75.0	75.0	66.7	60.0	-	-	-	-
	102	75.0	75.0	75.0	75.0	75.0	66.7	-	-	-	-	-
	108	75.0	75.0	75.0	75.0	75.0	-	-	-	-	-	-
	114	75.0	75.0	75.0	75.0	75.0	-	-	-	-	-	-
120	75.0	75.0	75.0	75.0	75.0	-	-	-	-	-	-	

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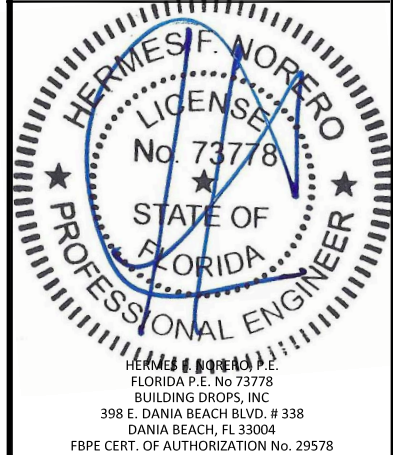
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TITLE: 76AD FIXED WINDOW (IMPACT) (HVHZ) VERTICAL SECTIONS

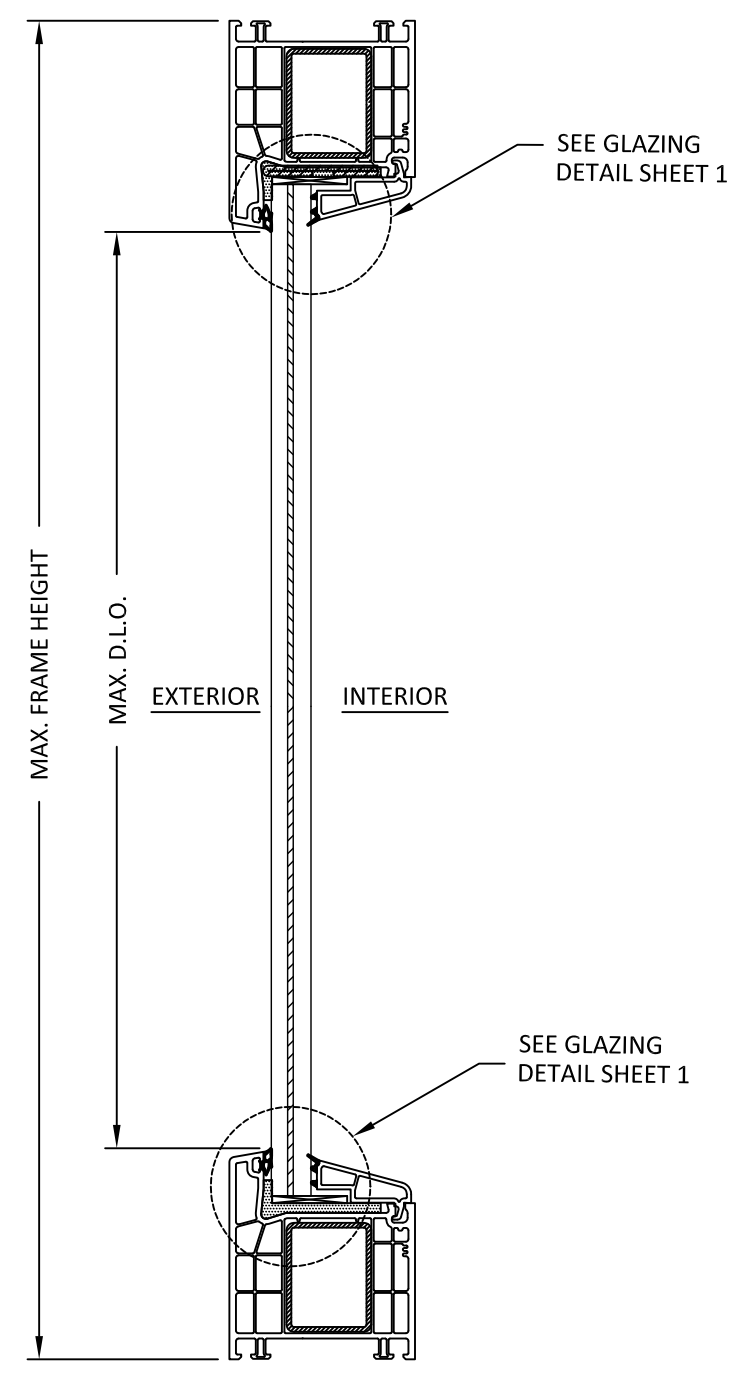
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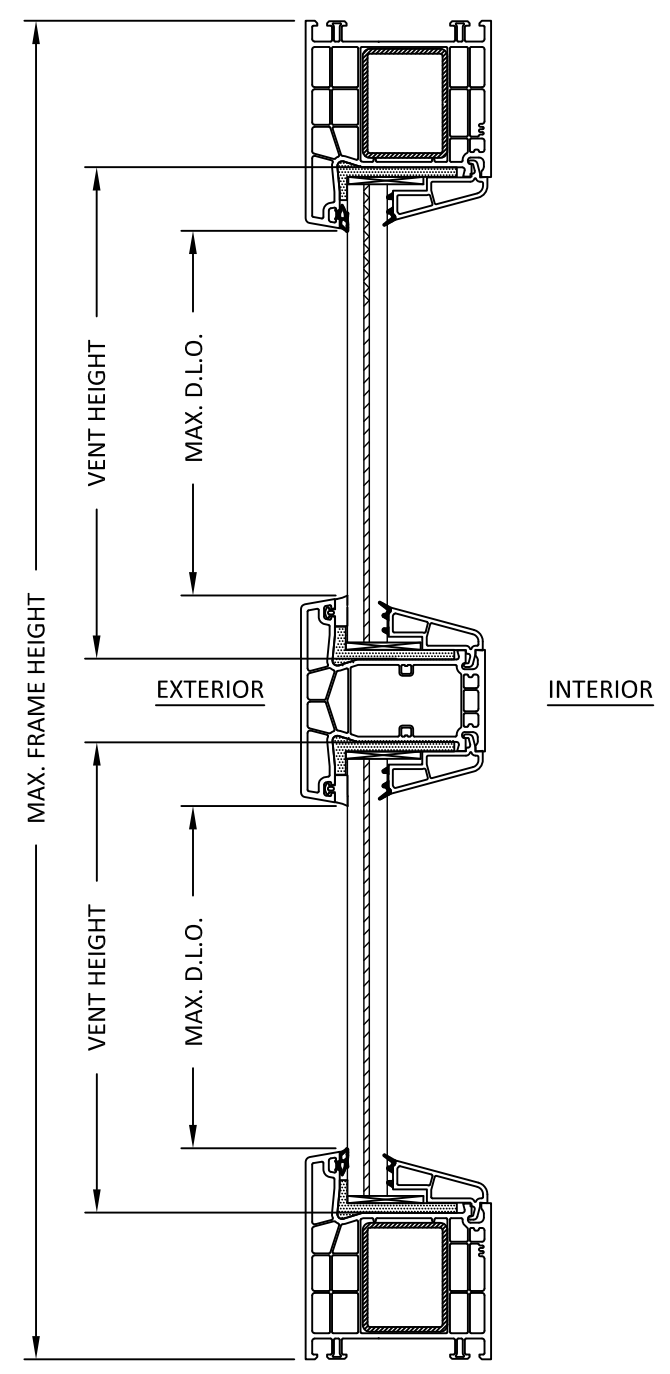
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SHEET:	4



A
4 **VERTICAL SECTION**
FIXED WINDOW - TWIN




B
4 **VERTICAL SECTION**
FIXED WINDOW - TWIN

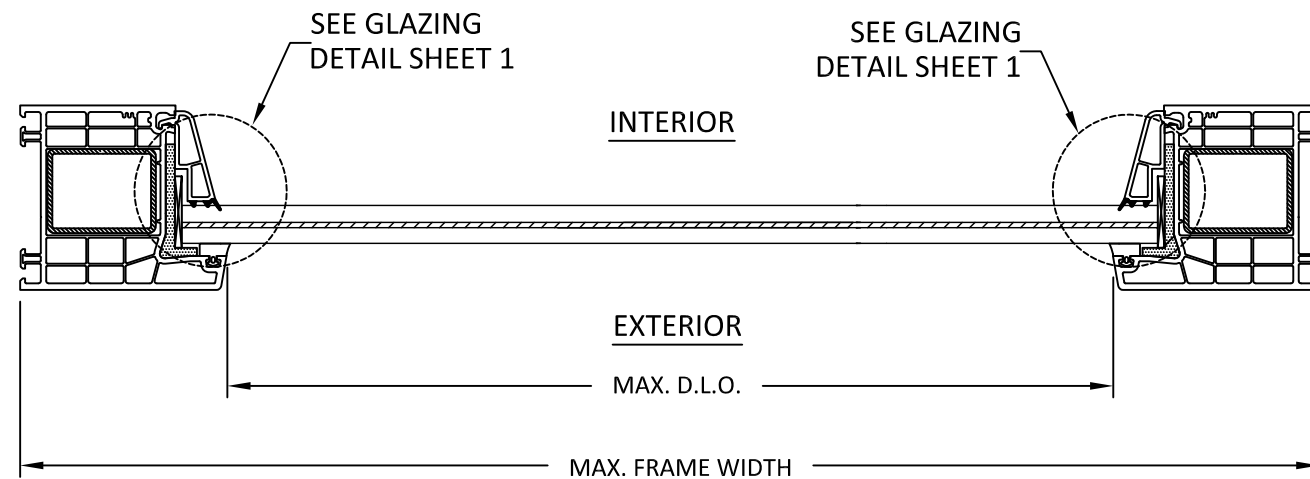
REPRESENTATIVE DETAILS SHOWN. MONOLITHIC AND INSULATING GLAZING ARE INTERCHANGEABLE



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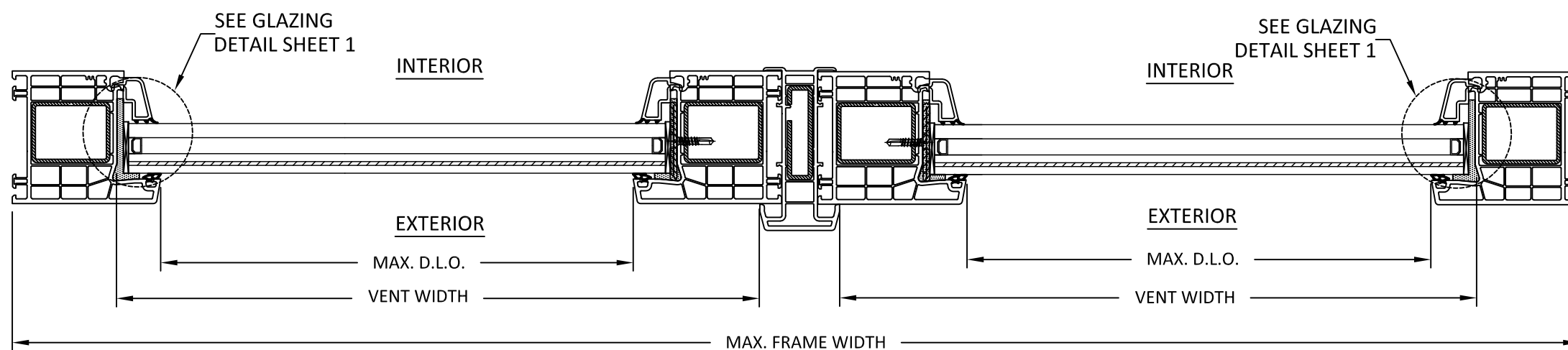
TITLE: 76AD FIXED WINDOW
(IMPACT) (HVHZ)
HORIZONTAL SECTIONS

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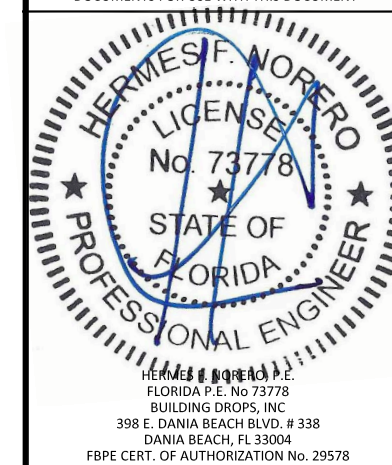
A HORIZONTAL SECTION
5 FIXED WINDOW - SINGLE

REPRESENTATIVE DETAILS SHOWN. MONOLITHIC AND INSULATING GLAZING ARE INTERCHANGEABLE



B HORIZONTAL SECTION
5 FIXED WINDOW - TWIN

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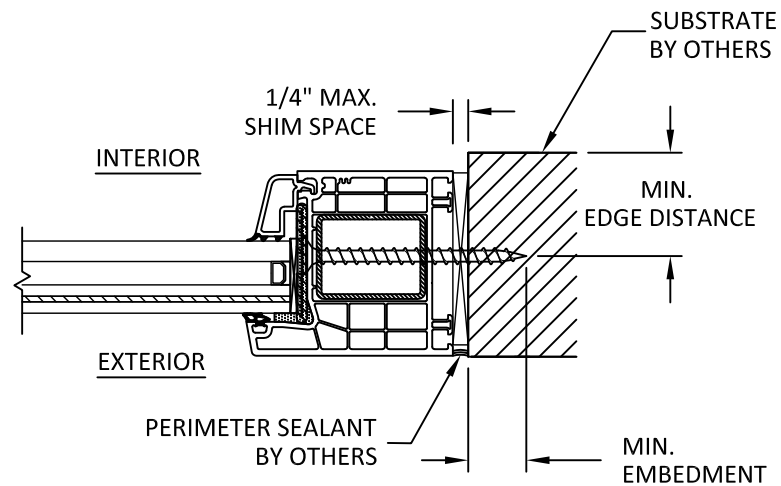
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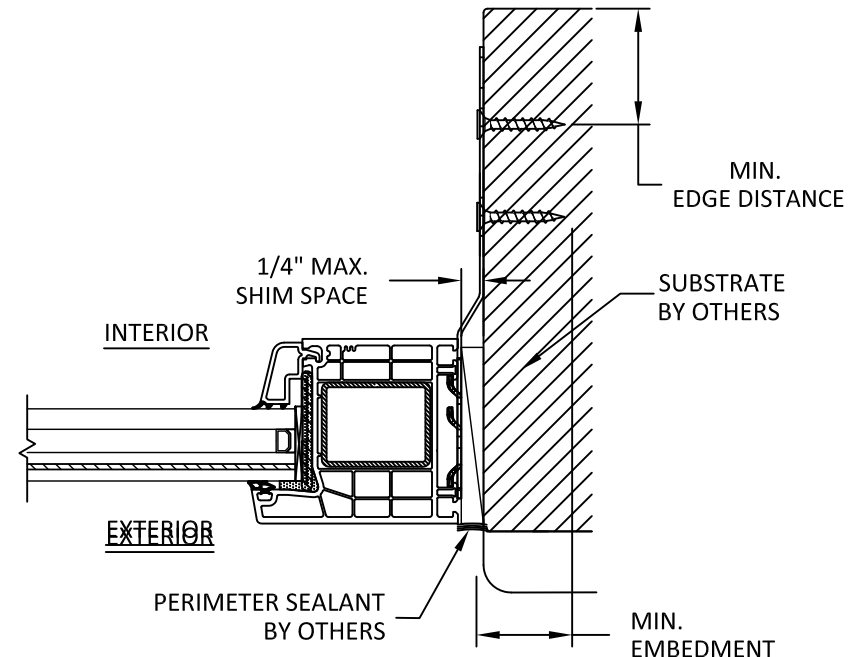
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A
6 **HORIZONTAL SECTION**
THROUGH FRAME (JAMB)



B
6 **HORIZONTAL SECTION**
STRAP (JAMB)

HEAD AND SILL SIMILAR

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
- 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 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- 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.
- 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 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
THROUGH FRAME	WOOD: MIN. SG = 0.55	#10 WOOD SCREW FLAT HEAD	1.5"	0.75"
	METAL: 18 GAUGE Steel, MIN. Fy = 33KSI	#10 TEK SCREW FLAT HEAD	3 THREADS MIN PENETRATION BEYOND METAL	0.5"
	CONCRETE: MIN. f'c=3000PSI	3/16" ITW TAPCON FLATHEAD	1.25"	2.0
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI	3/16" ITW TAPCON FLATHEAD	1"	2.0

TITLE: 76AD FIXED WINDOW (IMPACT) (HVHZ)

INSTALLATION NOTES, & ANCHOR DETAILS

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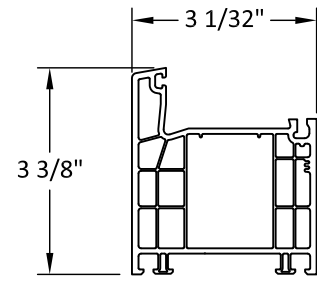
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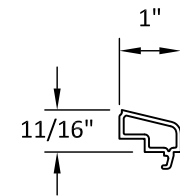
SHEET: **6**

BILL OF MATERIALS

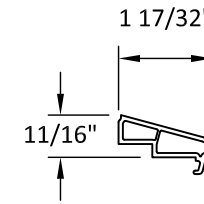
ITEM	PART No.	DESCRIPTION	MATERIAL
1	76102	FRAME - RIGID VINYL	VINYL
2	2454	I.G. GLAZING BEAD	VINYL
3	2452	MONO GLAZING BEAD	VINYL
4	-	GLAZING GASKET (RUBBER 70 DUR)	EPDM
5	V314	REINFORCEMENT	STEEL
6	V280	REINFORCEMENT	STEEL
7	V319	REINFORCEMENT	STEEL
8	V331	REINFORCEMENT	STEEL
9	76605	COUPLER MULLION TYPE I	VINYL
10	76302	MULLION TYPE II	STEEL



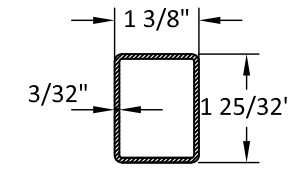
① FRAME



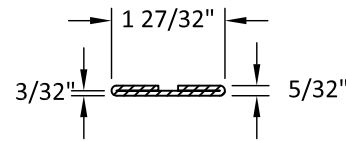
② I.G. GLAZING BEAD



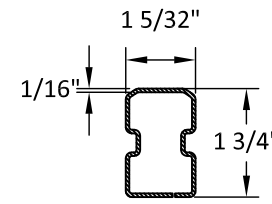
③ LAMI GLAZING BEAD



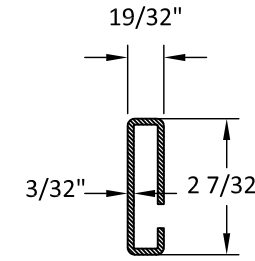
⑤ REINFORCEMENT



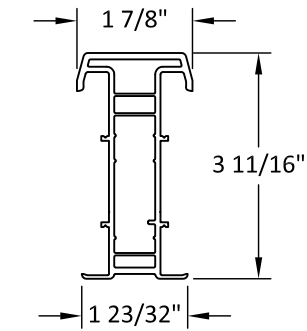
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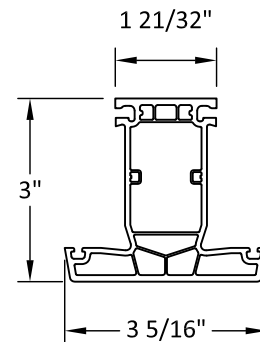
⑦ REINFORCEMENT



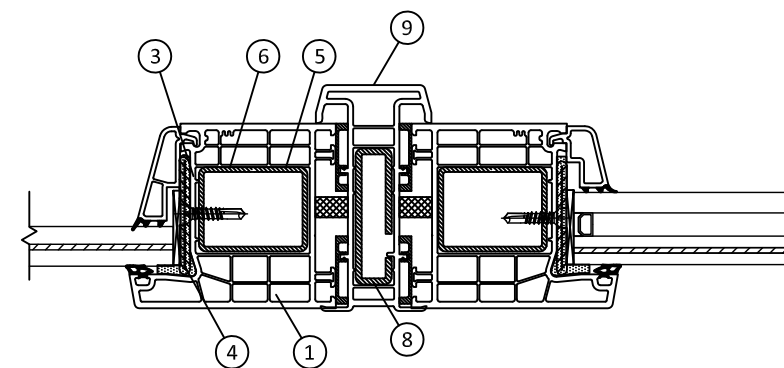
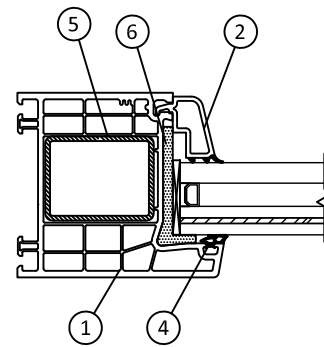
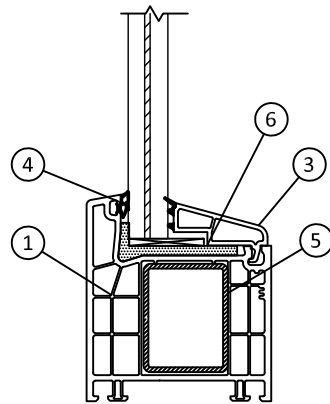
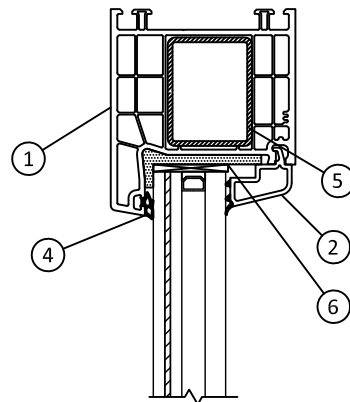
⑧ REINFORCEMENT



⑨ COUPLER MULLION - TYPE I



⑩ COUPLER MULLION - TYPE II

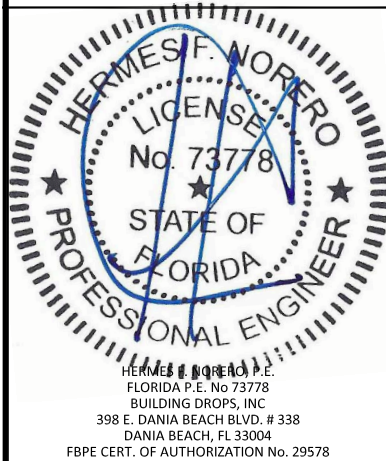


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TITLE: 76AD FIXED WINDOW (IMPACT) (HVHZ)
COMPONENTS & BILL OF MATERIALS
PREPARED BY: BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
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REMARKS	BY	DATE

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 #: **FL27614**
DATE: **04.19.19**
DWG. BY: **EG** CHK. BY: **HFN**
SCALE: **NTS**
DWG. #: **ECI012**
SHEET:

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