

AMERICAN CRAFTSMAN WINDWOS

SILVER LINE WINDOWS AND DOORS

V1 SERIES/70 SERIES PICTURE & FIXED SPECIALTY WINDOWS

(2940/2950)(NON-IMPACT)(NON-HVHZ)

GENERAL NOTES:

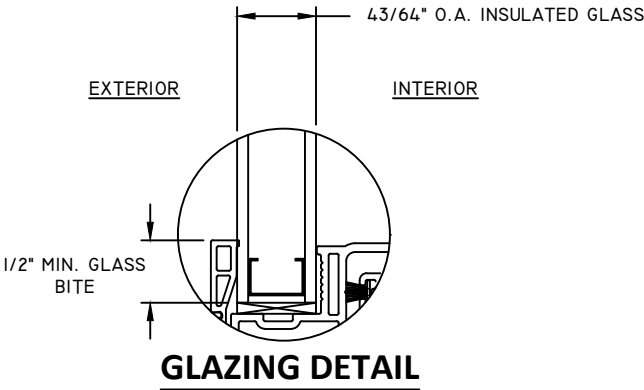
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA/WDMA/CSA 101/I.S.2/A440-II
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING, AND METAL 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. IX 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. 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.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. WINDOW FRAME MATERIAL: PVC
7. GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.
8. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:

X: OPERABLE PANEL

O: FIXED PANEL

DESIGN PRESSURE TABLE			
SIZE	CONFIGURATION	DESIGN PRESSURE	MISSILE IMPACT RATING
72" X 74"	SINGLE PICTURE	+50/-50 PSF	NON-IMPACT
96" X 54"	SINGLE PICTURE	+50/-50 PSF	NON-IMPACT
72" X 82"	SINGLE PICTURE PALLADIUM / EYEBROW	+50/-50 PSF	NON-IMPACT
75-1/2" X 62"	TWIN PICTURE	+50/-50 PSF	NON-IMPACT
96" X 74"	TWIN PICTURE	+35/-35 PSF	NON-IMPACT
85-1/2" X 84"	TWIN PICTURE	+30/-30 PSF	NON-IMPACT
96" X 48"	TWIN PICTURE	+50/-50 PSF	NON-IMPACT
107-3/4" X 74"	TRIPLE PICTURE	+40/-40 PSF	NON-IMPACT
107-3/4" X 48"	TRIPLE PICTURE	+50/-50 PSF	NON-IMPACT

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6	HORIZONTAL SECTIONS
7	INSTALLATION NOTES, ANCHOR DETAILS & SCHEDULE



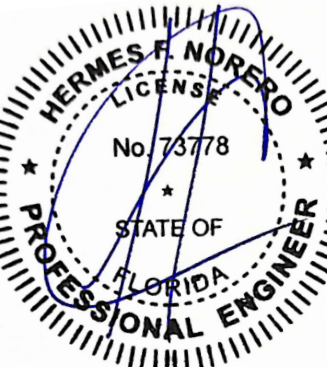
- GLAZING NOTE:
- GLASS THICKNESS AND TYPE SHALL COMPLY WITH ASTM E-1300 GLASS CHARTS REQUIREMENT

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2024.12.23 12:04:32 -05'00'

AMERICAN CRAFTSMAN
WINDOWS
SILVER LINE WINDOWS AND
DOORS

ONE SILVERLINE DRIVE
NORTH BRUNSWICK, NJ 08902
PH: (888) 741-0354

TITLE: V1 SERIES/70 SERIES PICTURE & FIXED SPECIALTY WINDOWS GENERAL NOTES & GLAZING DETAILS		REVISION DESCRIPTION		DATE
		NO.	BY	DATE
		A	6TH FBC EDITION	10.17.17
		B	7TH EDITION 2020 FBC	12.05.20
DATE: 09.28.17		DWN BY: CL	CHK BY: HFN	SCALE: NTS



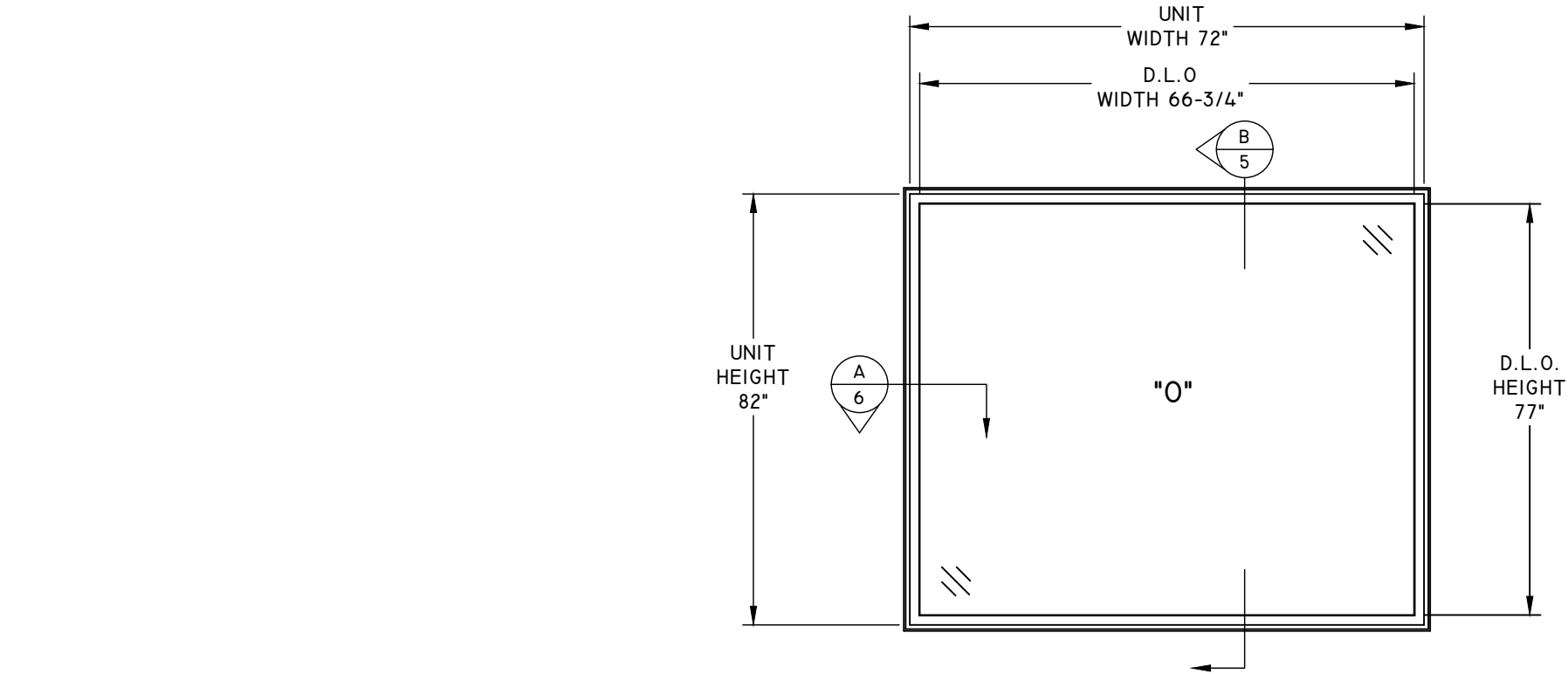
HERMES F. NORERO
FLORIDA P. E. NO. 73778
1900 NE MIAMI CT. SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

BUILDING DROPS, INC.
1900 NE MIAMI CT. SUITE 2-15
MIAMI, FL 33132
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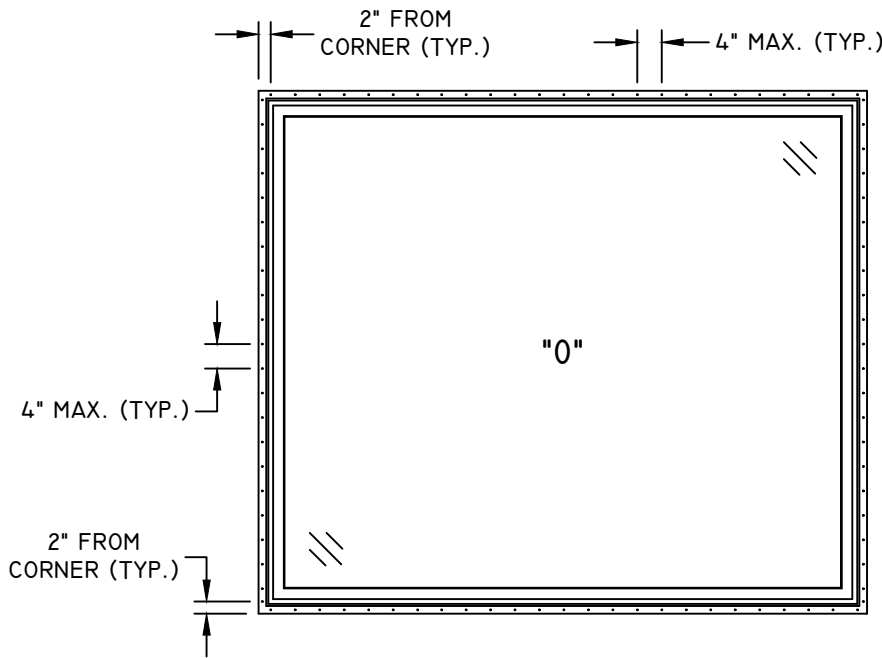
FL#: 14918

DWG #: SWD021

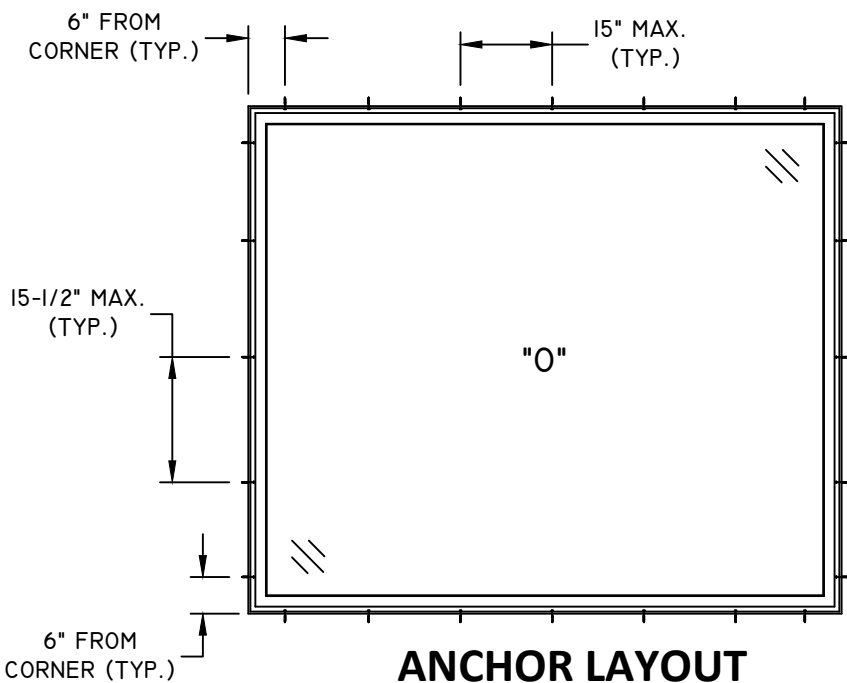
SHEET: 1 OF 7



ELEVATION
MAX. WIDTH & HEIGHT SHOWN IN THE
DESIGN PRESSURE TABLE ON SHEET I.



**ANCHOR LAYOUT
NAIL FIN**



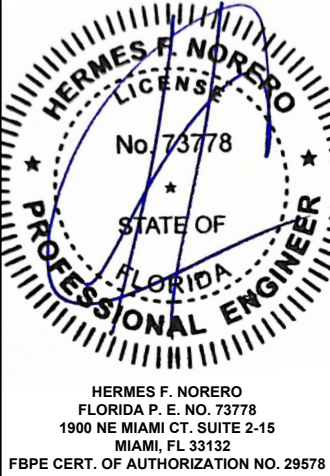
**ANCHOR LAYOUT
THROUGH FRAME**

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TITLE: VI SERIES/70 SERIES PICTURE & FIXED SPECIALTY WINDOWS ELEVATIONS & ANCHOR LAYOUTS			
NO.	REVISION DESCRIPTION	BY	DATE
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DATE: 09.28.17	DWN BY: CL	CHK BY: HFN	SCALE: NTS
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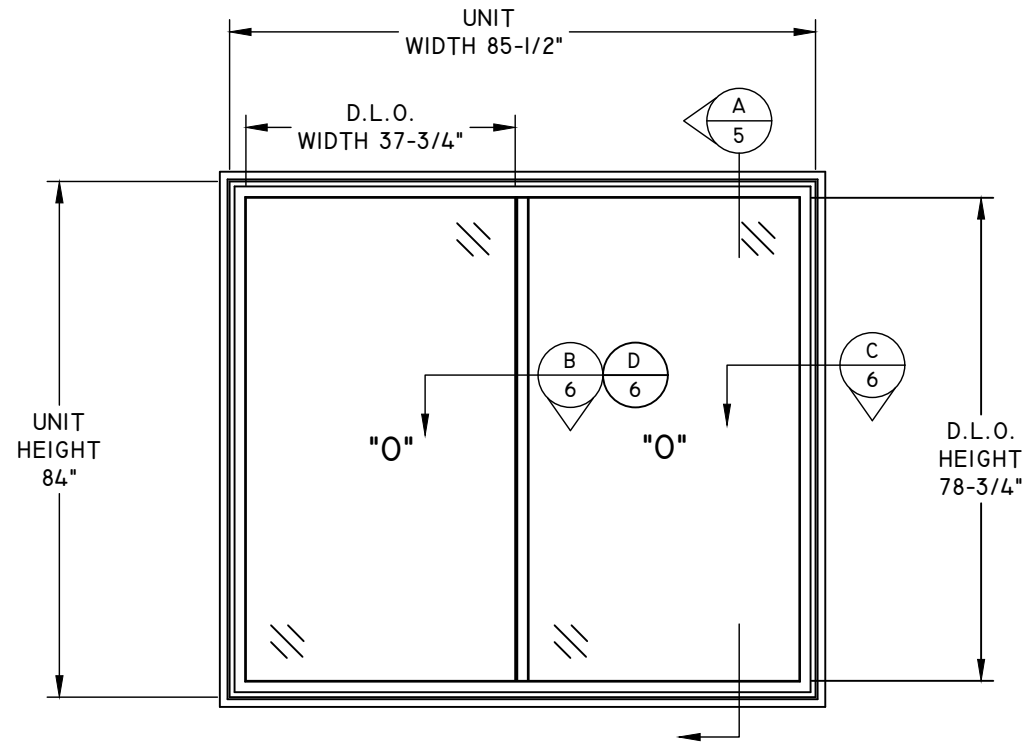
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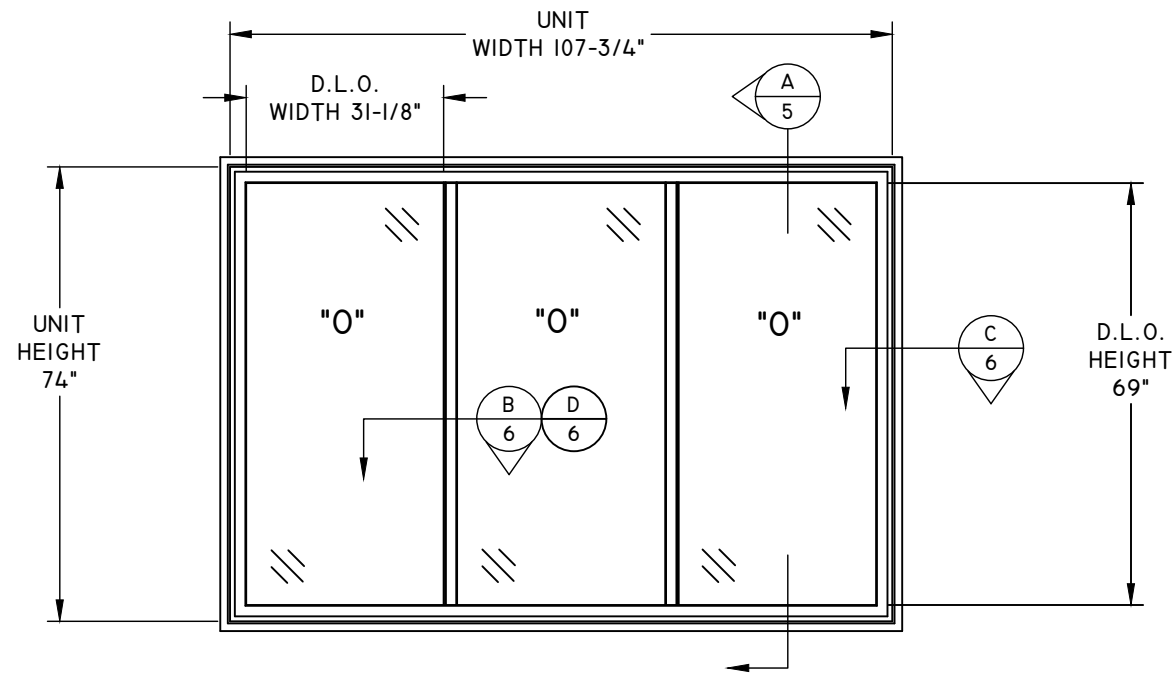
DWG #: **SWD021**

SHEET: **2 OF 7**



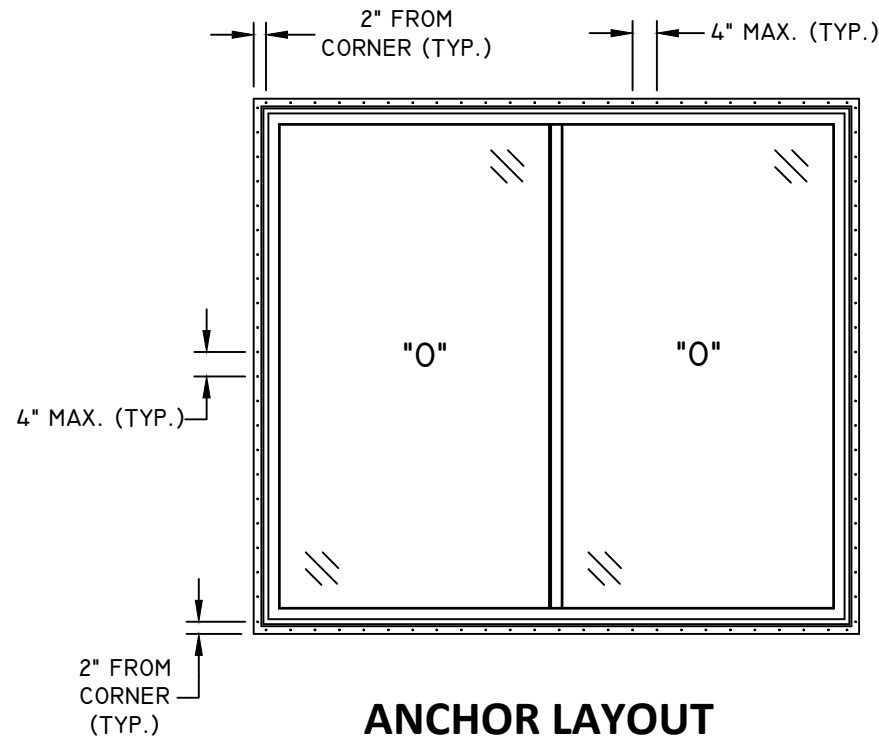
ELEVATION

MAX. WIDTH & HEIGHT SHOWN IN THE
DESIGN PRESSURE TABLE ON SHEET I.

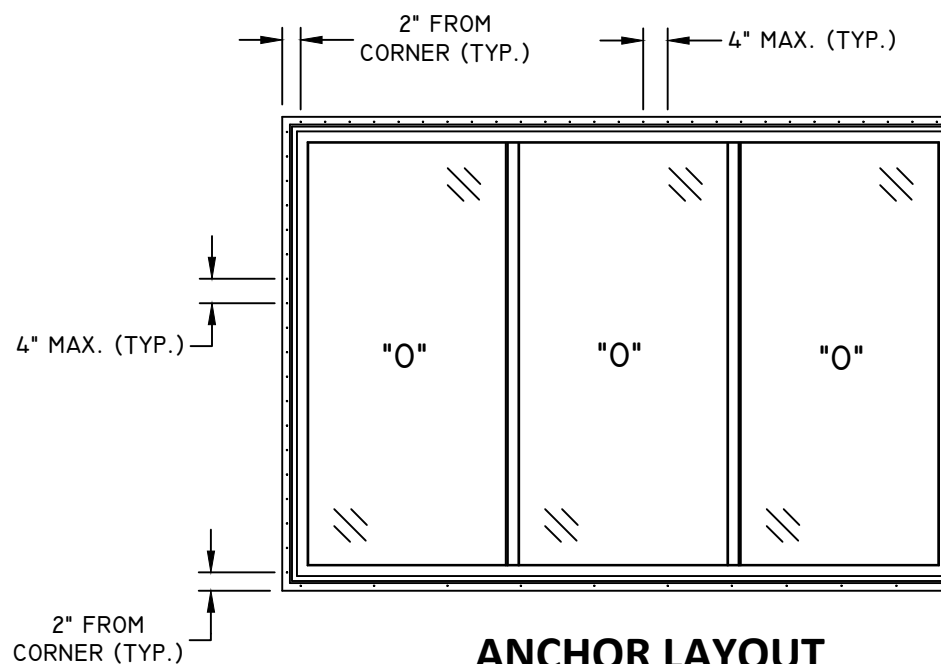


ELEVATION

MAX. WIDTH & HEIGHT SHOWN IN THE
DESIGN PRESSURE TABLE ON SHEET I.



ANCHOR LAYOUT NAIL FIN

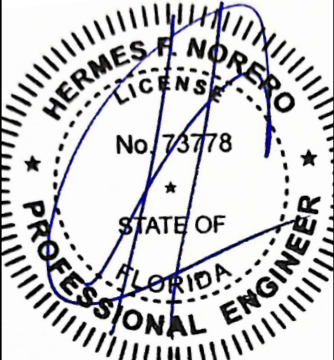


ANCHOR LAYOUT NAIL FIN

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	SCALE:	NTS		



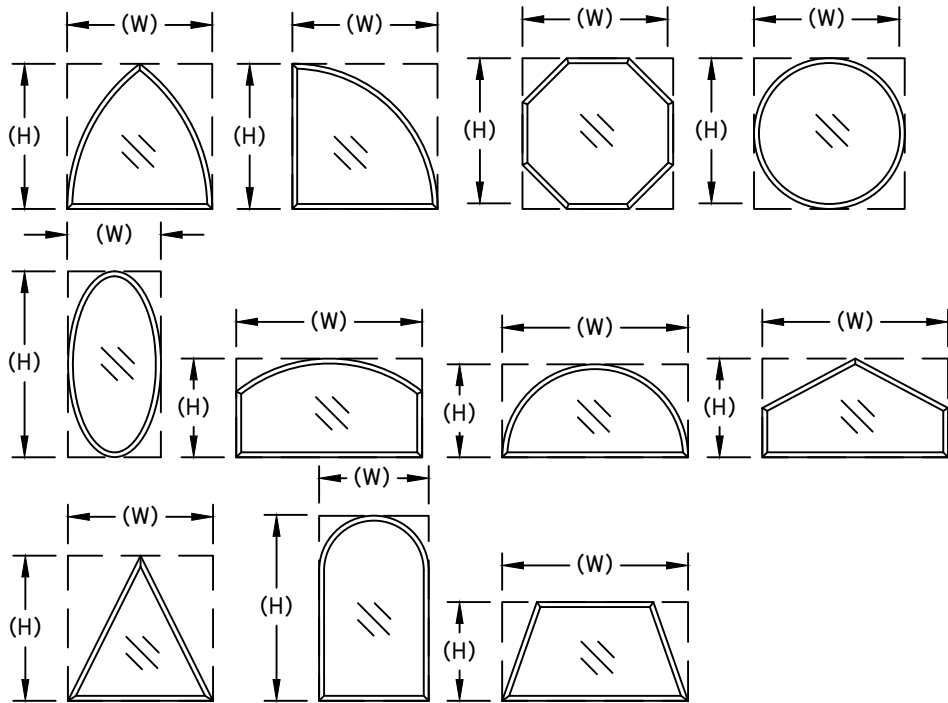
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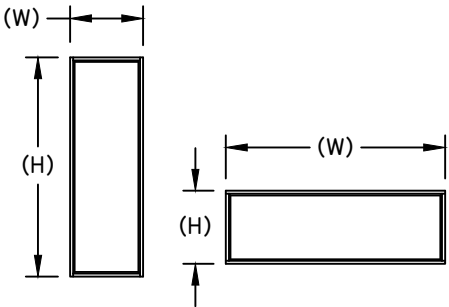
DWG #: SWD021

SHEET: 3 OF 7



ALL SHAPED UNITS SHALL FIT WITHIN THE RECTANGULAR AREAS AS SHOWN IN DESIGN PRESSURE TABLE ON SHEET I.

SINGLE EYEBROW & PALLADIUM SHAPES SHALL FIT WITHIN THE RECTANGULAR AREA UP TO 72" X 82" AS SHOWN IN THE DESIGN PRESSURE TABLE ON SHEET I.

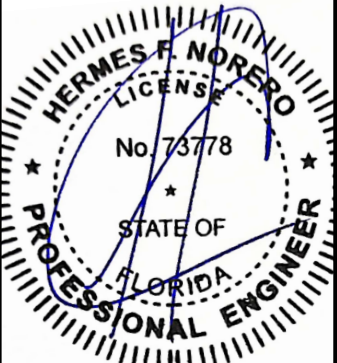


NOTE:
WINDOW WIDTH (W) AND HEIGHT (H) ARE INTERCHANGEABLE FOR ALL SIZES SHOWN HEREIN NOT TO EXCEED MAXIMUM TESTED SQUARE FOOT AREA. ANCHOR SPACING SHALL NOT EXCEED THOSE SHOWN FOR LONG OR SHORT LEG OF UNIT.

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09.28.17	CL	HFN	NTS	A	6TH FBC EDITION	FM	10.17.17
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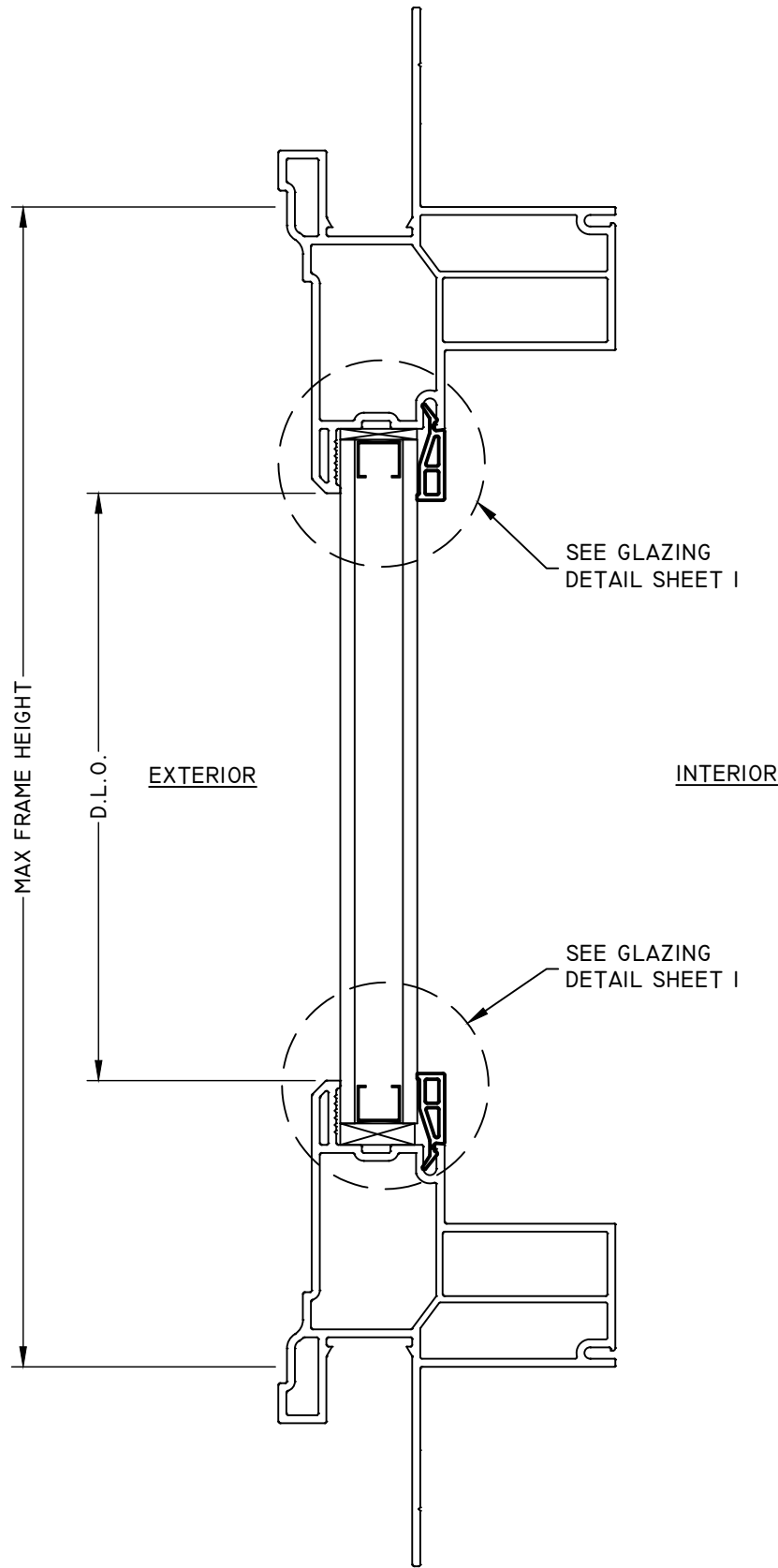
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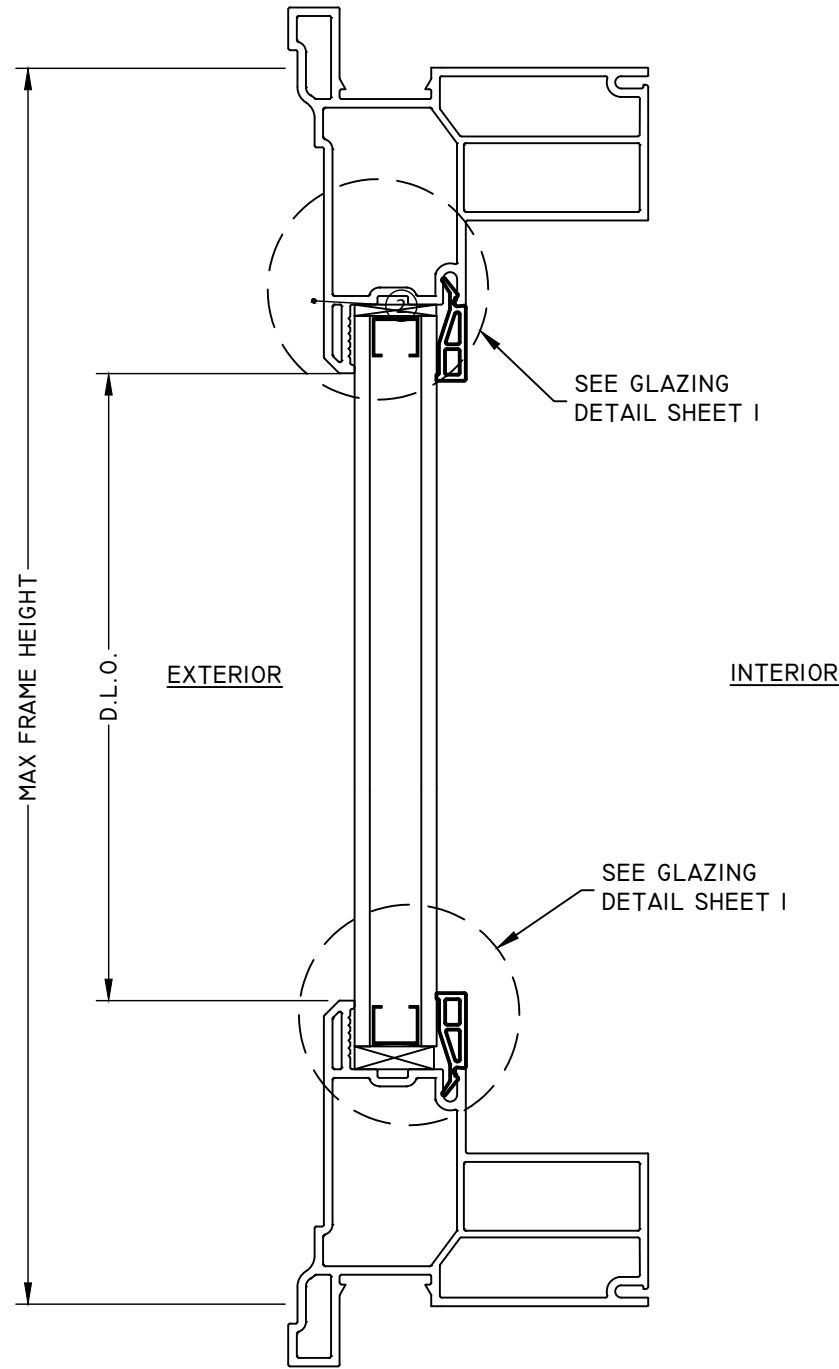
DWG #: SWD021

SHEET: 4 OF 7



A
5

VERTICAL SECTION



B
5

VERTICAL SECTION

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TITLE: VI SERIES/70 SERIES PICTURE & FIXED SPECIALTY WINDOWS VERTICAL SECTIONS				DATE	
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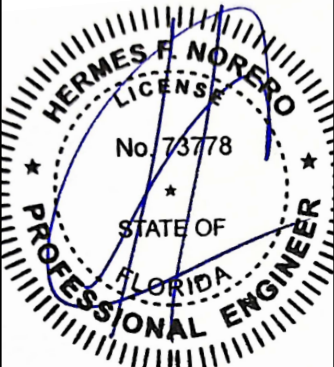


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SHEET: 5 OF 7

TITLE: VI SERIES/70 SERIES PICTURE & FIXED SPECIALTY WINDOWS HORIZONTAL SECTIONS				DATE	09.28.17
				DWN BY:	CL
				CHK BY:	HFN
				SCALE:	NTS
REVISION DESCRIPTION	NO.	BY	DATE		
	A	FM	10.17.17		
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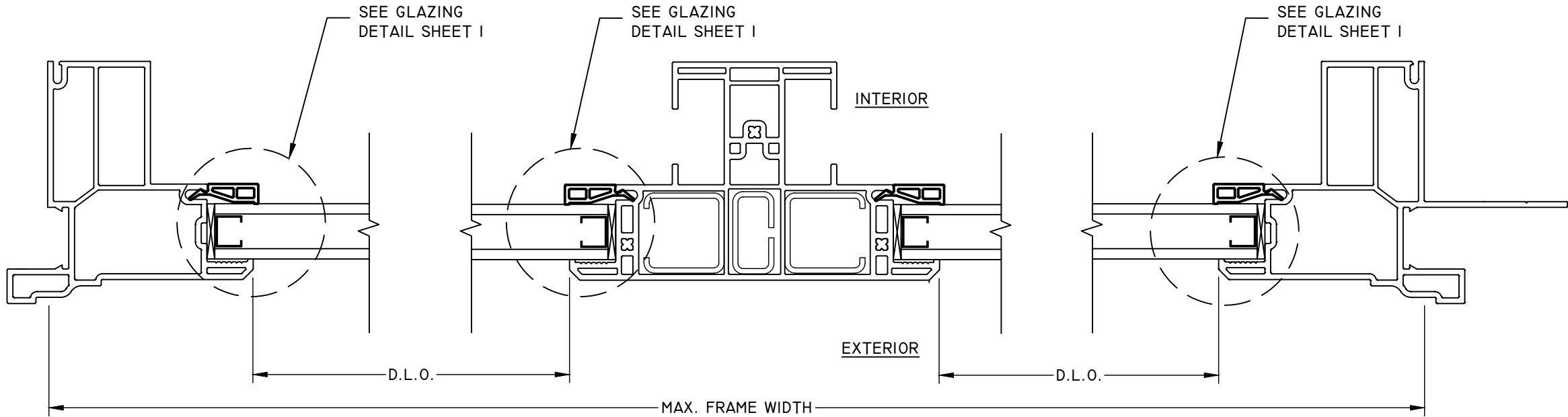
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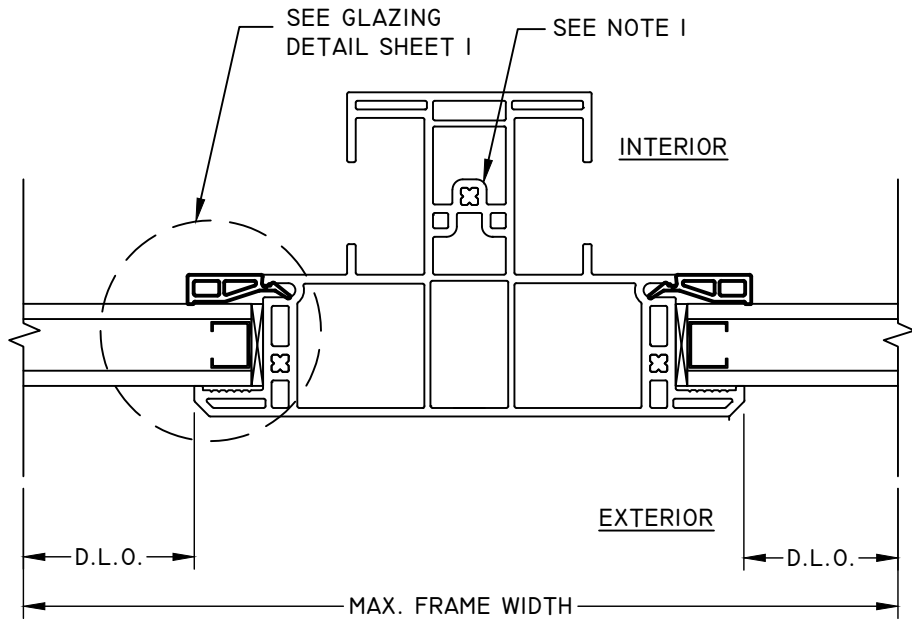
SHEET: 6 OF 7



A
6 HORIZONTAL SECTION
FRAME JAMB

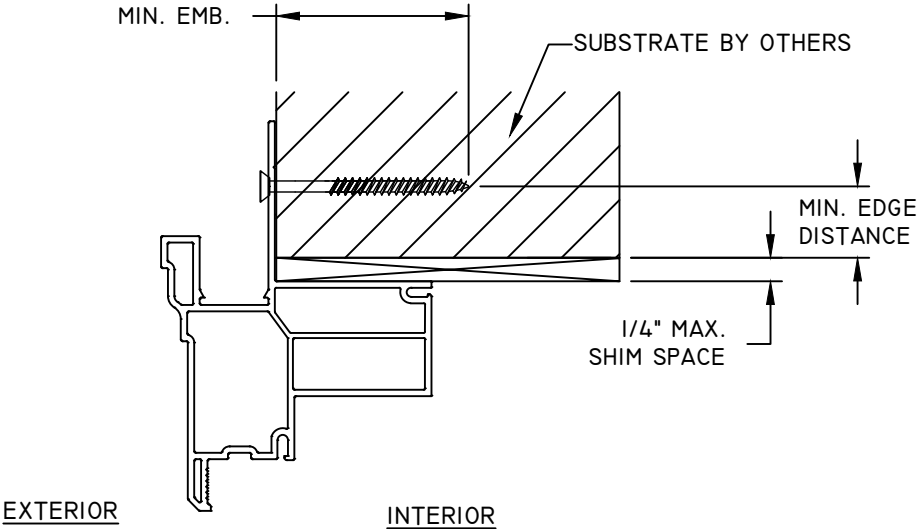
B
6 HORIZONTAL SECTION
INTEGRAL MULLION POST W / REINFORCEMENTS

C
6 HORIZONTAL SECTION
FIN JAMB



D
6 HORIZONTAL SECTION
INTEGRAL MULLION POST WITHOUT REINFORCEMENT

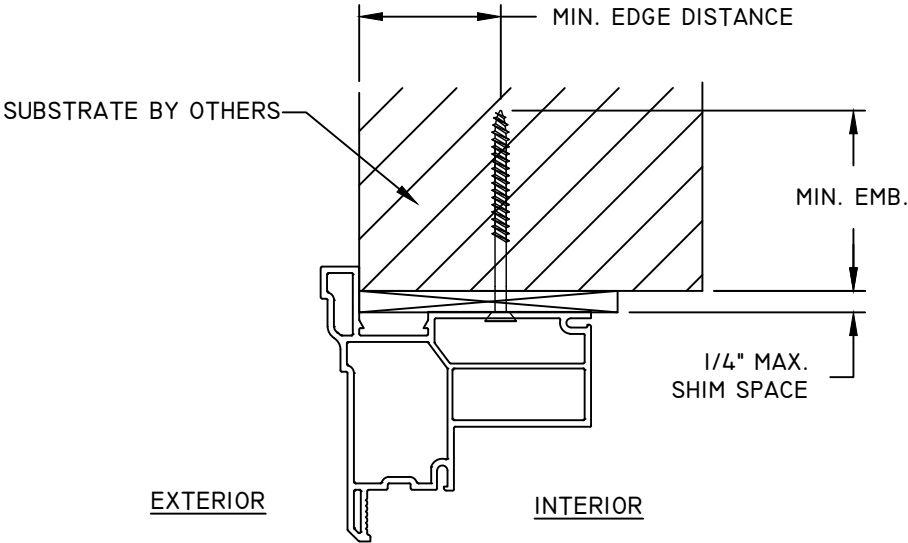
NOTE 1:
HORIZONTAL SECTION OF INTEGRAL MULLION POST WITHOUT
REINFORCEMENT IS ONLY FOR RATINGS:
107.75" X 48.0", TRIPLE PICTURE WINDOW, DESIGN PRESSURE +50/-50
96.00" X 48.0", TWIN PICTURE WINDOW, DESIGN PRESSURE +50/-50



A
7

ANCHOR DETAIL
NAIL FIN (HEAD)

NOTE:
SILL AND JAMB HAVE
SIMILAR DETAILS



B
7

ANCHOR DETAIL
THROUGH FRAME (HEAD)

ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR SCHEDULE	MIN EMBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME	WOOD: MIN. SG = 0.55	#10 WOOD SCREW	1-1/2"	3/4"
	METAL: 18 GAUGE Steel, MIN. Fy = 33KSI	#10 TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	3/4"
	CONCRETE: f'c = 3000PSI	1/4" ELCO TAPCON	1-3/4"	1"
	MASONRY: CMU per ASTM C90 f'c=2000PSI	1/4" ELCO TAPCON	1-3/4"	1"
NAIL FIN	WOOD: MIN. SG = 0.55	#8 WOOD SCREW	1-1/2"	3/4"
	METAL: 18 GAUGE Steel, MIN. Fy = 33KSI	#8 TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	3/4"

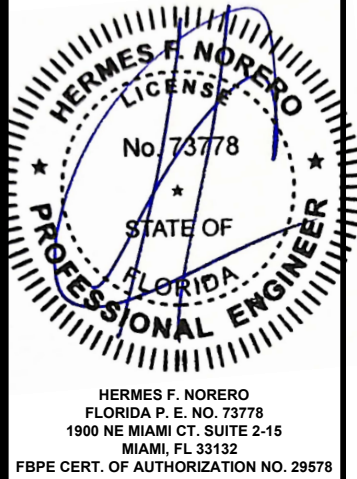
INSTALLATION NOTES:

- 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 ±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 1/4 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 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.

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TITLE: VI SERIES/70 SERIES PICTURE & FIXED SPECIALTY WINDOWS INSTALLATION NOTES, ANCHOR DETAILS & SCHEDULE					
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SHEET: **7 OF 7**