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ANDERSEN CORPORATION

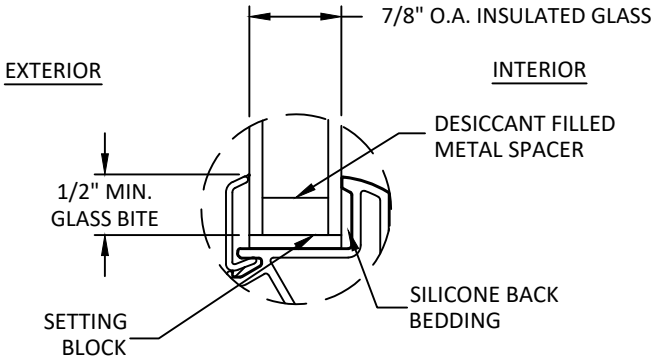
100 SERIES FIXED WINDOW WITH PG UPGRADE (NON-HVHZ)(NON-IMPACT)

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/A440-17
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. 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.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. WINDOW FRAME MATERIAL: FIBREX OR PVC FOAM FILLED
7. GLASS SHALL MEET THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAIL.

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SHEET	SHEET DESCRIPTION
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2	ELEVATION & ANCHOR LAYOUT
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6	INSTALLATION NOTES, ANCHOR DETAILS, & ANCHOR SCHEDULE

DESIGN PRESSURE TABLE				
SIZE	UNIT TYPE	FRAME MATERIAL	DESIGN PRESSURE	MISSILE IMPACT RATING
95.5" X 71.5"	RECTANGLE	FIBREX FRAME	+50/-50 PSF	NON-IMPACT
77.5" X 95.5"	GEOMETRIC	FIBREX FRAME	+50/-50 PSF	NON-IMPACT
107.5" X 60.5"		FIBREX FRAME	+50/-50 PSF	NON-IMPACT
77.5" X 81.875"	ARCH TOP	FIBREX FRAME	+50/-50 PSF	NON-IMPACT
71.5" X 95.5"	SHAPE	PVC WITH FOAM FILLED FRAME	+50/-50 PSF	NON-IMPACT



GLAZING DETAIL

GLAZING NOTES:

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



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BAYPORT, MN 55003-1096
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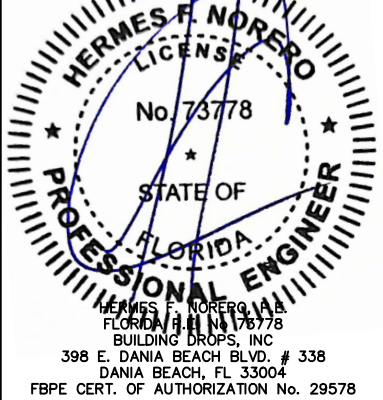
GENERAL NOTES &
GLAZING DETAIL

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BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)395-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.08.14 11:04:00'



HERMES F. NORERO, P.E.
FLORIDA # 73778
BUILDING DROPS, INC
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL15910

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HR

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HFN

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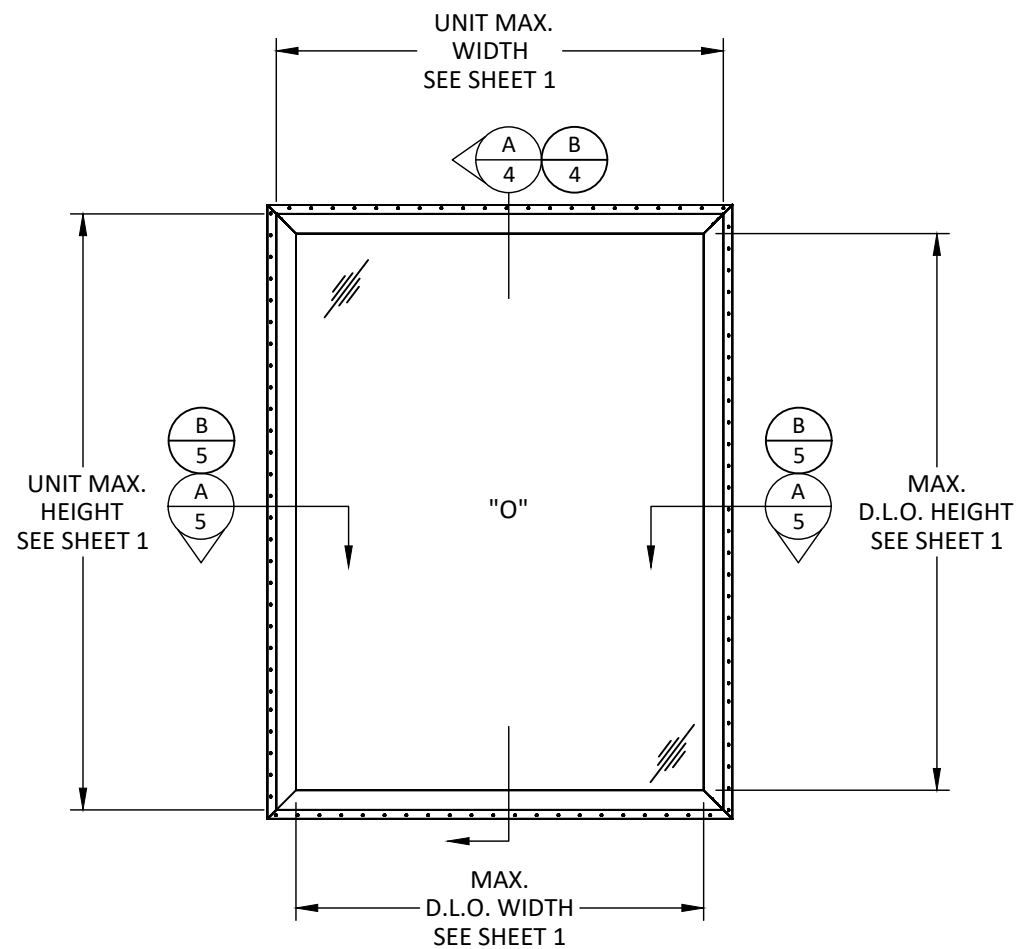
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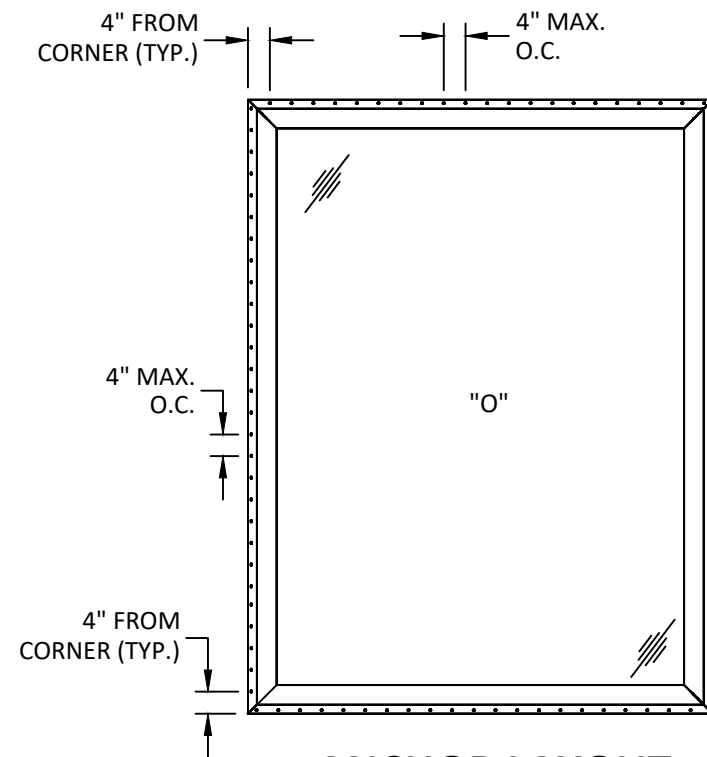
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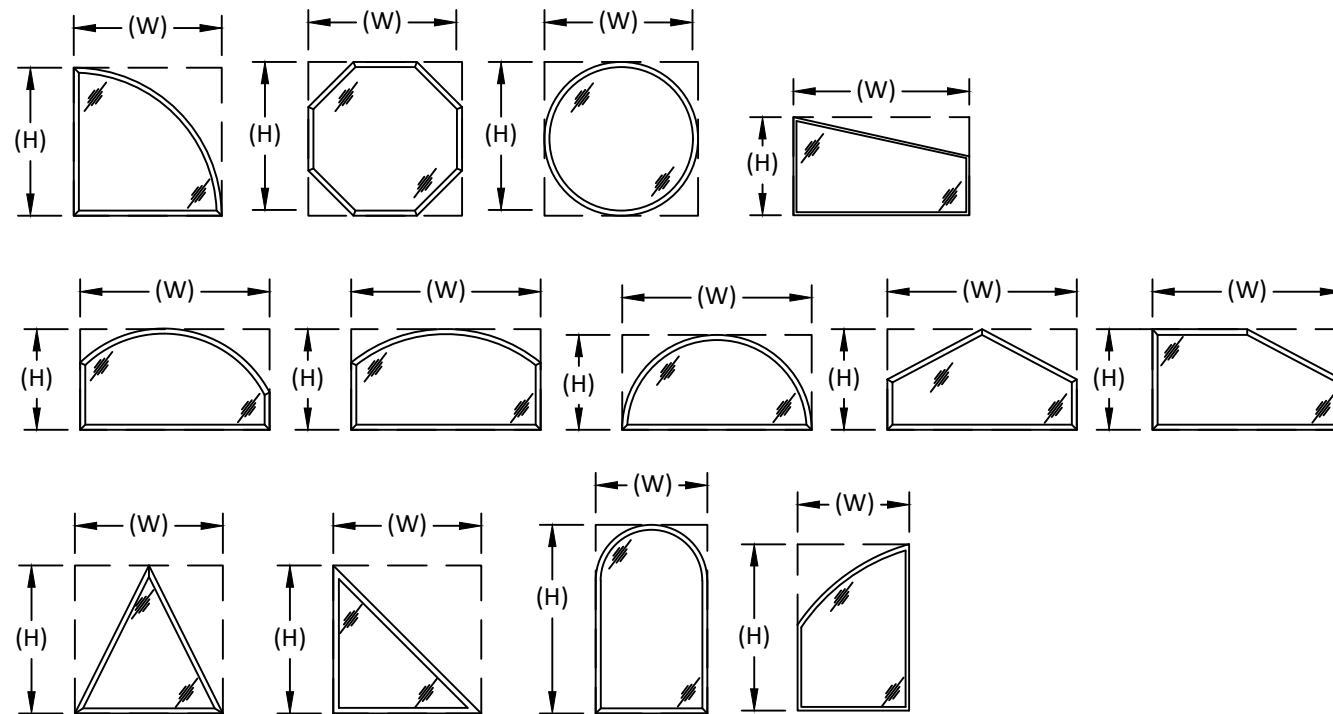
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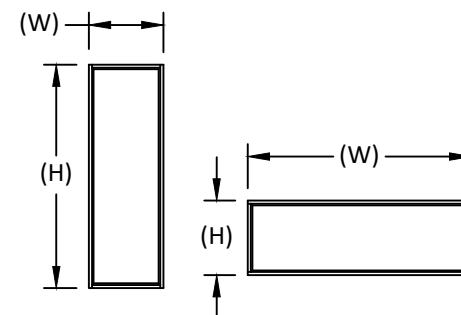
ELEVATION



ANCHOR LAYOUT NAIL FIN



- UNITS OF THE SHOWN SHAPES ARE ALLOWED PROVIDED CONSTRUCTION, GLAZING, & ANCHORAGE ARE PER DETAILS SHOWN HEREIN. ALL SHAPED UNITS SHALL FIT WITHIN THE RECTANGULAR AREAS AS SHOWN.
- MAXIMUM AREA (RECTANGLE UNITS)= 71.5" X 95.5" OR 95.5" X 71.5"
 - MAXIMUM AREA (GEOMETRIC UNITS) = 77.5" X 95.5" OR 95.5" X 77.5" AND 107.5" X 60.5" OR 60.5" X 107.5"
 - MAXIMUM AREA (ARCH TOP UNITS) = 77.5" X 81.875" OR 81.875" X 77.5"
 - MAXIMUM AREA (SHAPES UNITS) = 71.5" X 95.5" OR 95.5" X 71.5"
 - MAXIMUM DP = +/- 50 PSF



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.



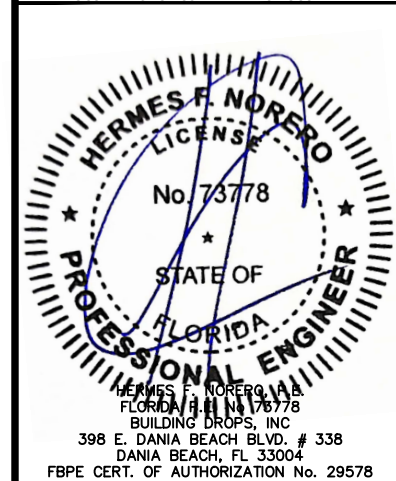
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TITLE: 100 SERIES FIXED WINDOW
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ELEVATION & ANCHOR LAYOUT

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DANIA BEACH, FL 33004
PH: (954)399-8478
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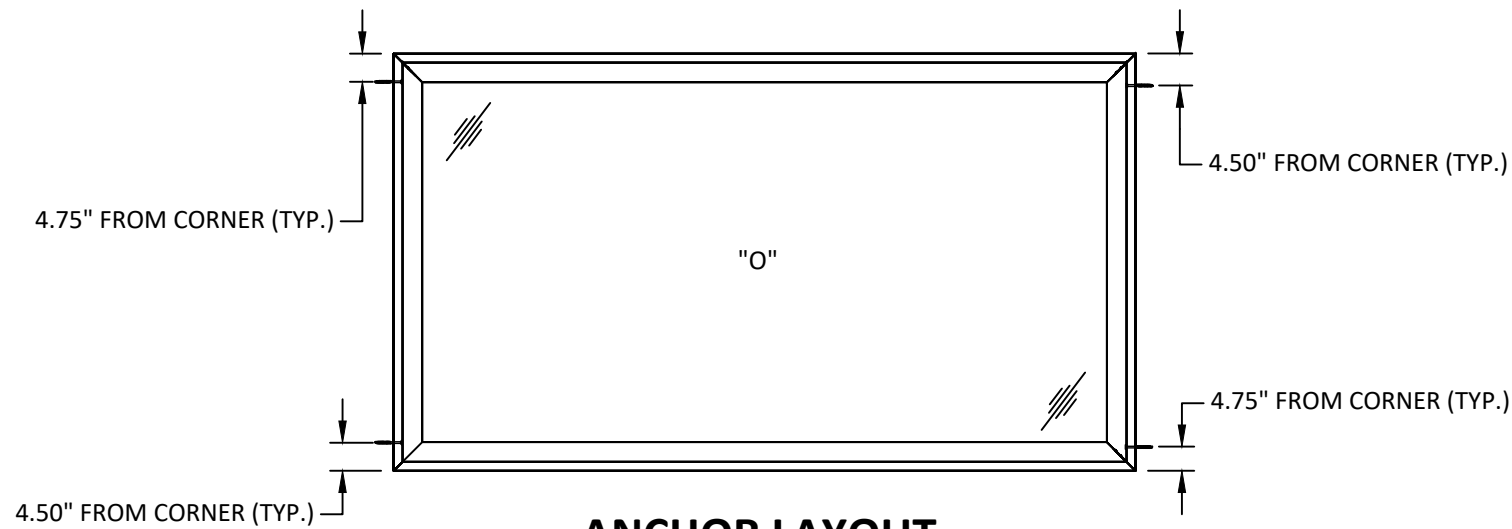
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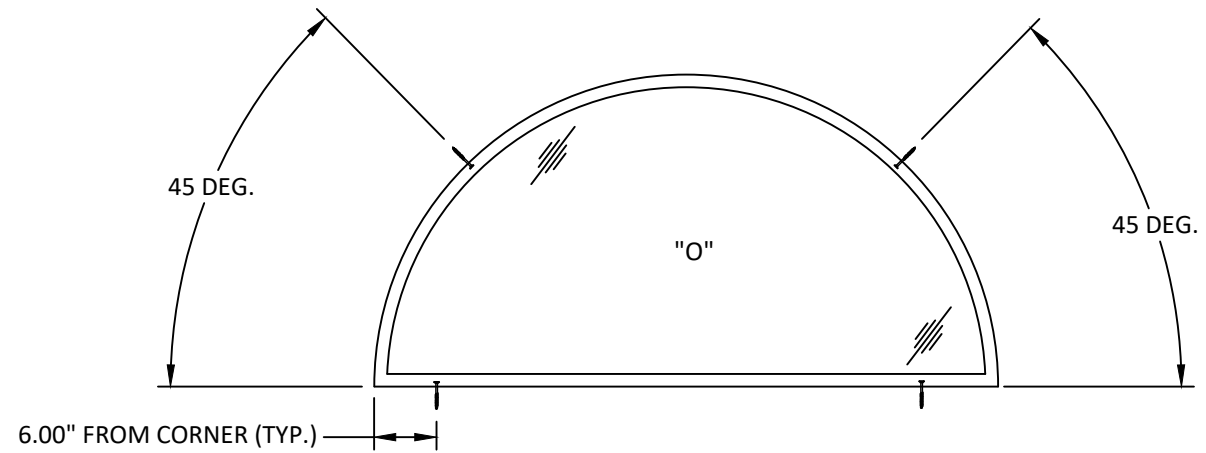
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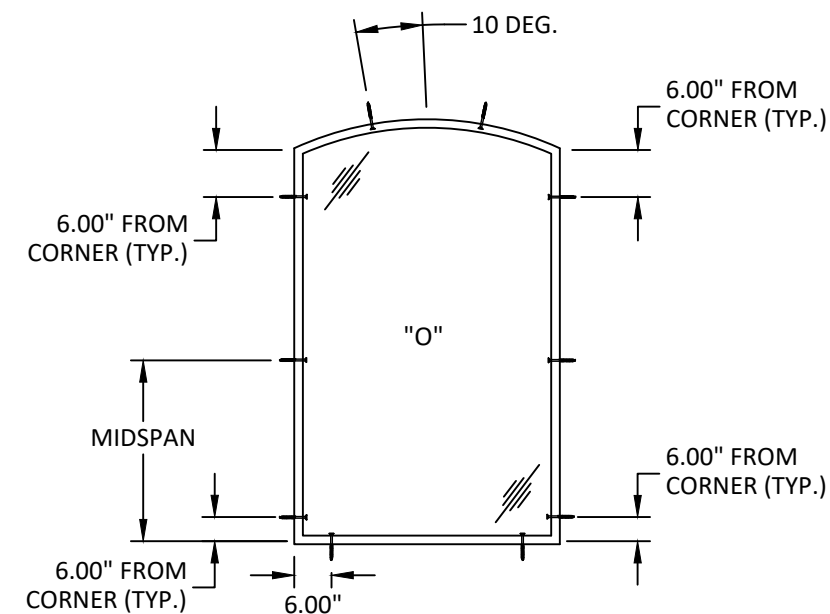


ANCHOR LAYOUT
THROUGH FRAME
UP TO MAX. 95 1/2" X 71 1/2" DP +/-50 PSF

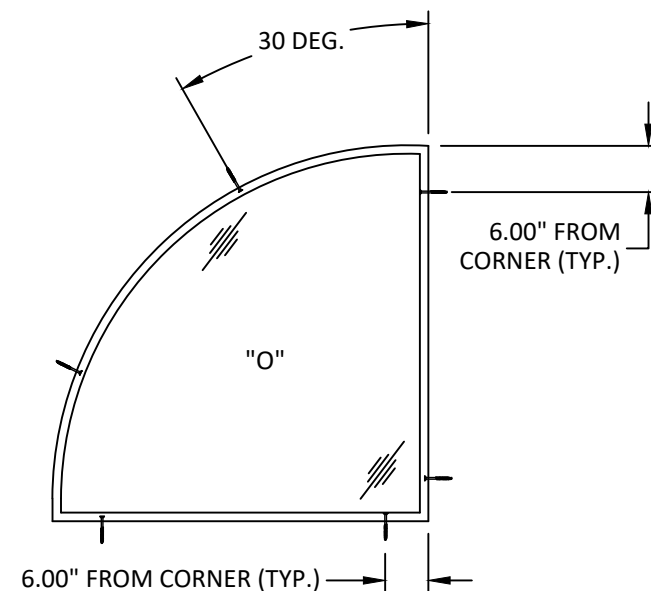


ANCHOR LAYOUT
THROUGH FRAME
UP TO 95 1/2" X 50 7/8", DP +/-50 PSF

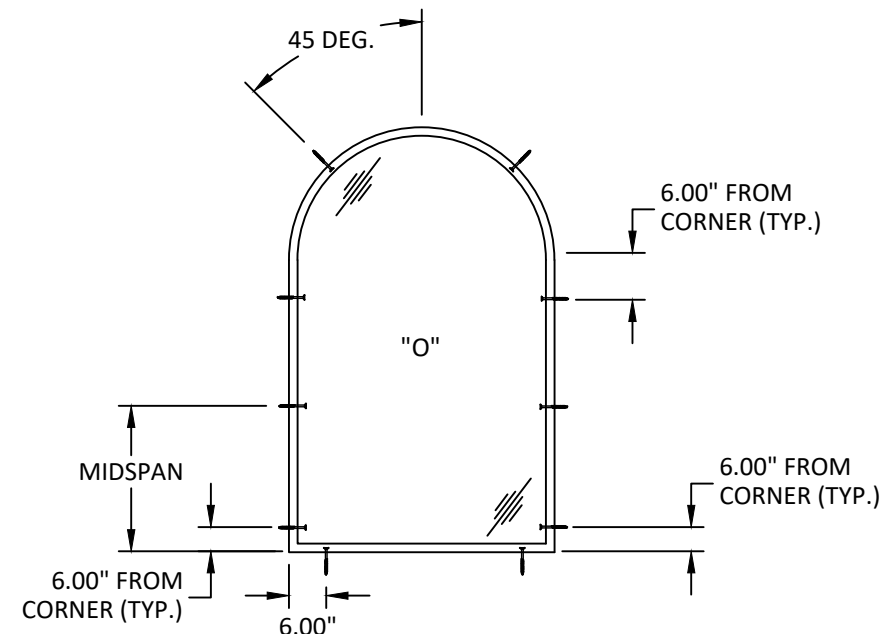
ANCHOR SCHEDULE		
JAMB LENGTH	QUANTITY	SPACING
11.5 < L <= 47.5	2	4.5" - 6" FROM CORNER
47.5 < L <= 65.5	3	4.5" - 6" FROM CORNER AND CENTERED
65.5 < L <= 83.5	4	4.5" - 6" FROM CORNER AND EQUALLY SPACED
83.5 < L <= 89.5	5	4.5" - 6" FROM CORNER AND EQUALLY SPACED
L > 89.5	6	4.5" - 6" FROM CORNER AND EQUALLY SPACED



ANCHOR LAYOUT
THROUGH FRAME
77 1/2" X 81 7/8", DP +/- 50 PSF (INCLUDES ARCH)



ANCHOR LAYOUT
THROUGH FRAME
UP TO 59 1/2" X 59 1/2", DP +/- 50 PSF



ANCHOR LAYOUT
THROUGH FRAME
71 1/2" X 95 1/4", DP +/- 50 PSF (INCLUDES CIRCLE TOP)



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ANCHOR LAYOUTS

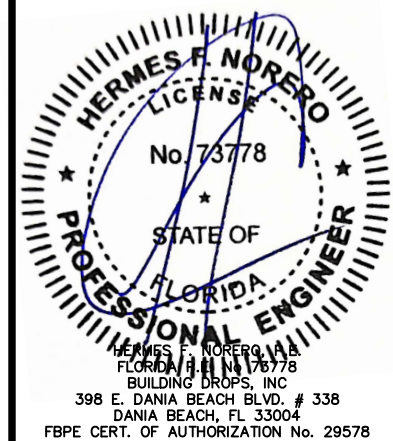
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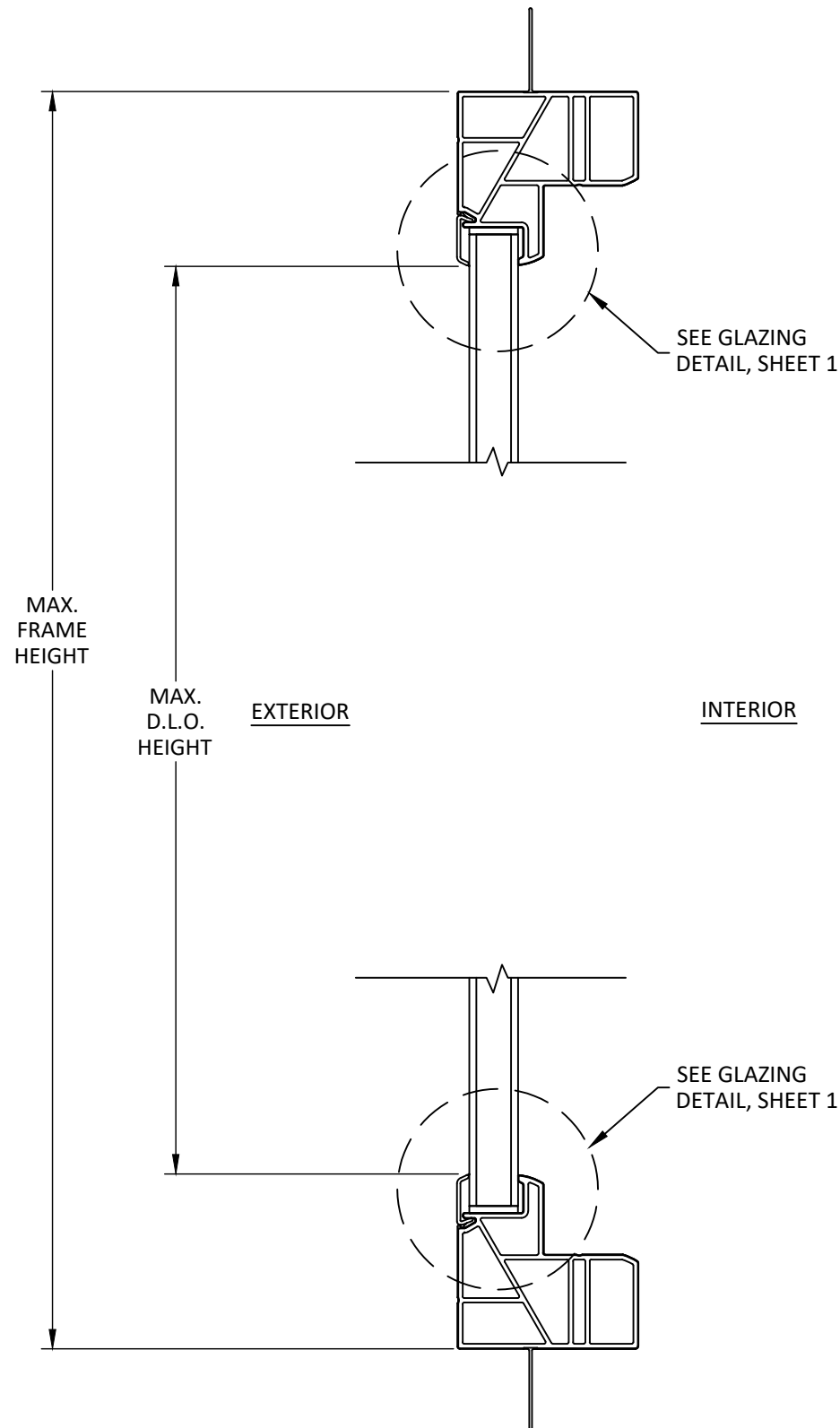
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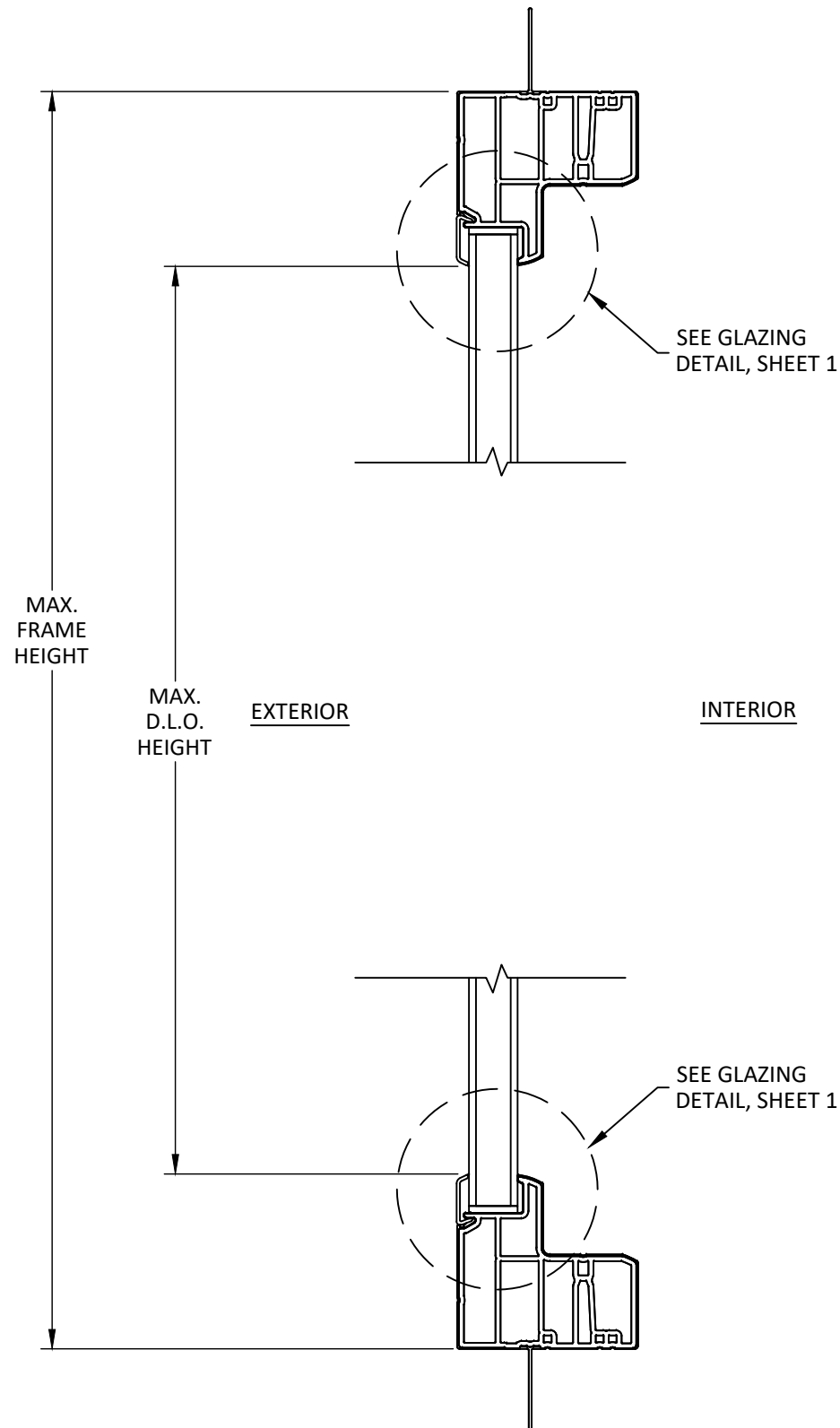
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A
4 VERTICAL SECTION

NOTE:

- ABOVE VERTICAL SECTION IS FOR CIRCLE, CIRCLE TOP, QUARTER CIRCLE TOP & SPRINGLINE FIXED WINDOWS.



B
4 VERTICAL SECTION

NOTE:

- ABOVE VERTICAL SECTION IS FOR RECTANGLE, ARCH TOP, UNEQUAL LEG ARCH TOP, ISOSCELES TRIANGLE, PEAK PENTAGON, OCTAGON, RIGHT TRIANGLE, TRAPEZOID AND ANGLED PENTAGON FIXED WINDOWS.



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VERTICAL SECTIONS

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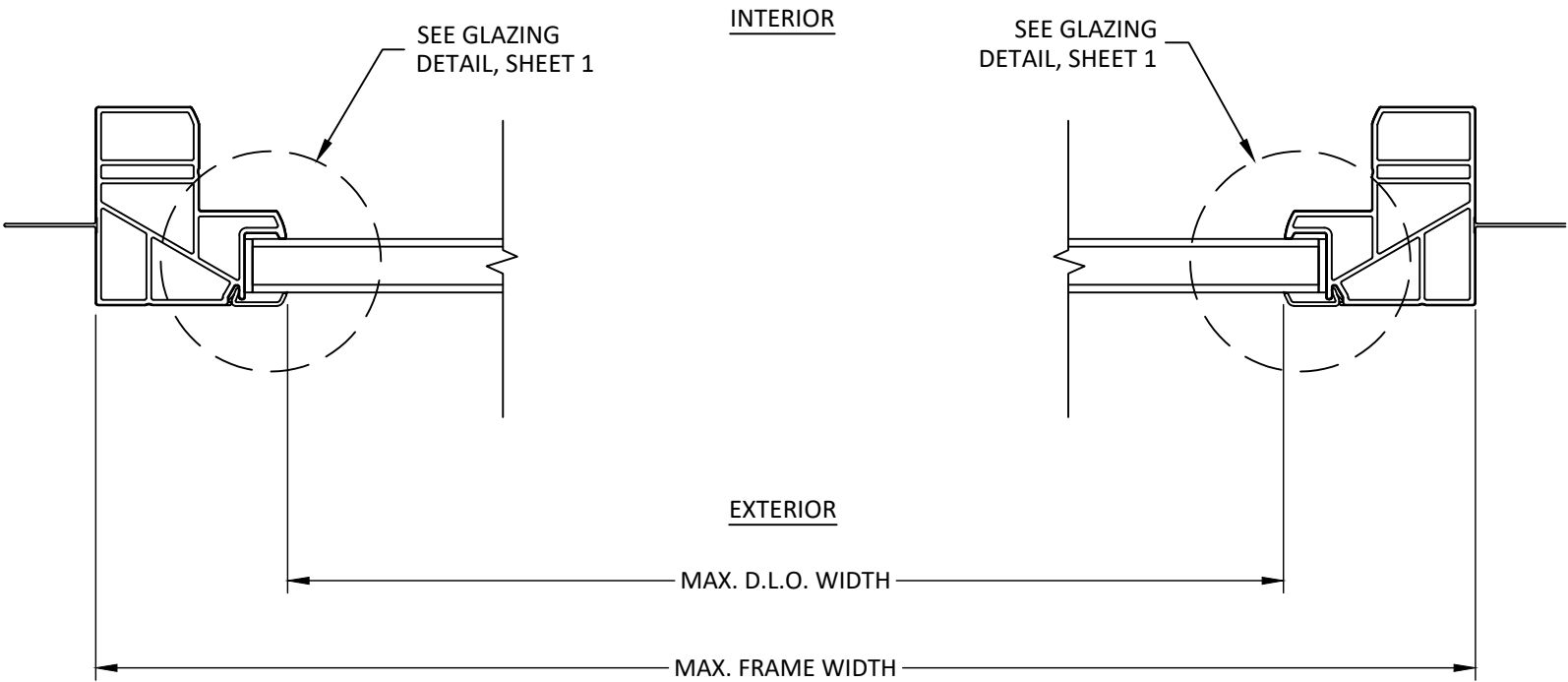
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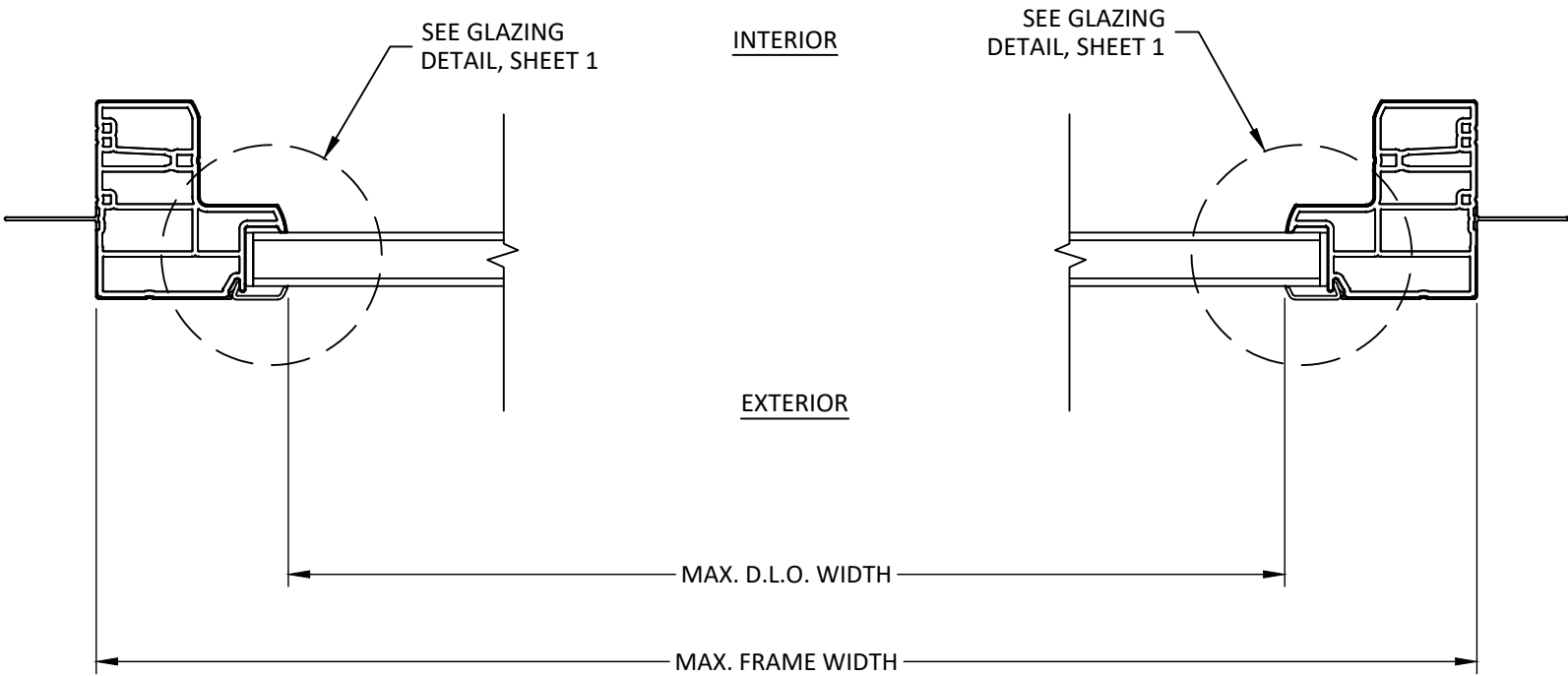
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NOTE:

- ABOVE HORIZONTAL SECTION IS FOR CIRCLE, CIRCLE TOP, QUARTER CIRCLE TOP & SPRINGLINE FIXED WINDOWS.

A
5 **HORIZONTAL SECTION**



NOTE:

- ABOVE HORIZONTAL SECTION IS FOR RECTANGLE, ARCH TOP, UNEQUAL LEG ARCH TOP, ISOSCELES TRIANGLE, PEAK PENTAGON, OCTAGON, RIGHT TRIANGLE, TRAPEZOID AND ANGLED PENTAGON FIXED WINDOWS.

B
5 **HORIZONTAL SECTION**



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HORIZONTAL SECTIONS

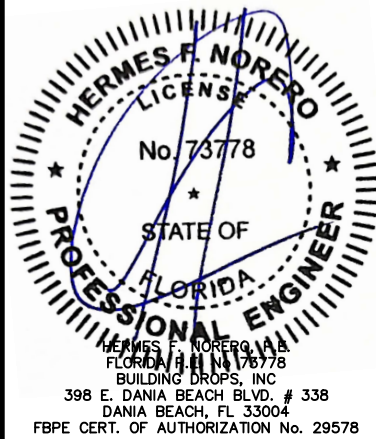
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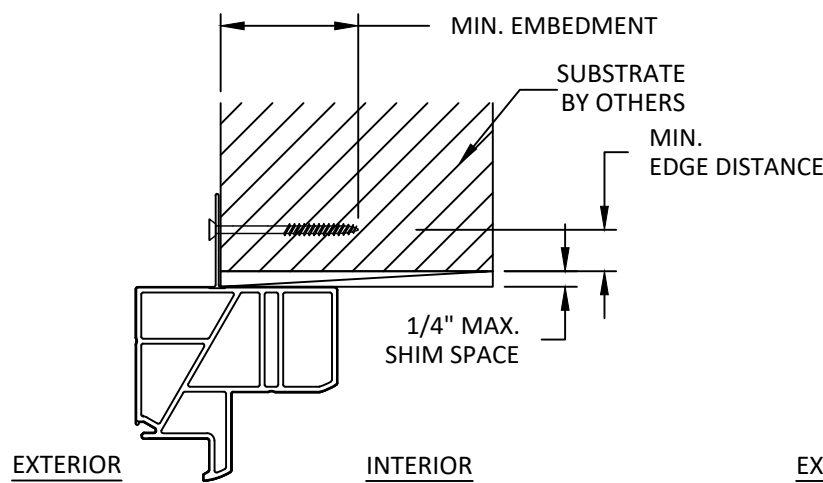
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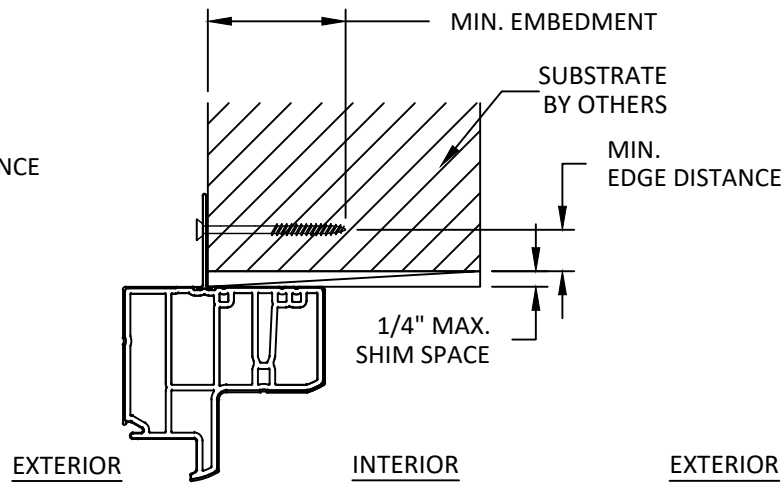
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A
6 **ANCHOR DETAIL**
NAIL FIN (HEAD)

NOTE:

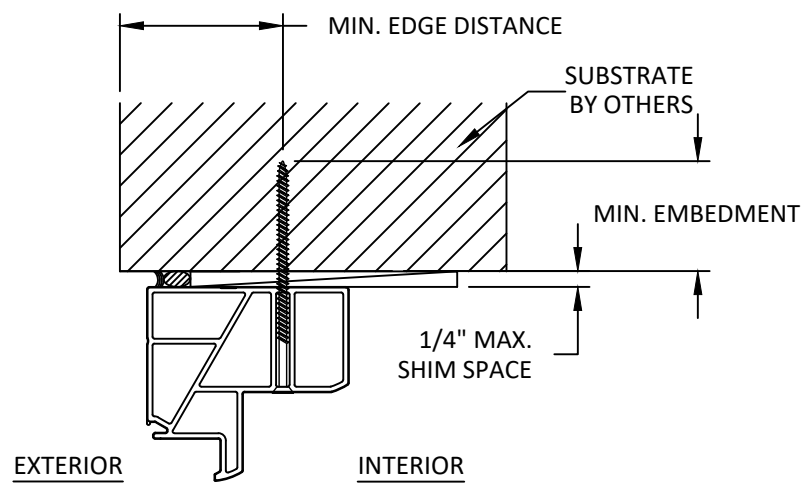
- JAMB AND SILL HAVE SIMILAR DETAILS.



B
6 **ANCHOR DETAIL**
NAIL FIN (HEAD)

NOTE:

- JAMB AND SILL HAVE SIMILAR DETAILS.



C
6 **ANCHOR DETAIL**
THROUGH FRAME (HEAD)

NOTE:

- JAMB AND SILL HAVE SIMILAR DETAILS.
- FRAME FOR RECTANGULAR CONFIGURATION HAS SIMILAR INSTALLATION.

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN UNLESS OTHERWISE SPECIFIED.
- 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 $\pm 1/2$ 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.
- 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 OR INSTALLATION CLIP	WOOD: MIN. SG=0.55	#8 WOOD SCREW	1.5"	0.75"
	METAL: 18 GAUGE STEEL, MIN. Fy=33KSI	#10 TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.50"
	CONCRETE: f'c=3000PSI	3/16" DEWALT ULTRACON+	1.75"	2.5"
	MASONRY: CMU per ASTM C90 f'c=2000PSI	3/16" DEWALT ULTRACON+	1"	2.5"
NAIL FIN	WOOD: MIN. SG=0.55	#8 WOOD SCREW	1.5"	0.75"
	METAL: 18 GAUGE STEEL, MIN. Fy=33KSI	#8 TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.50"



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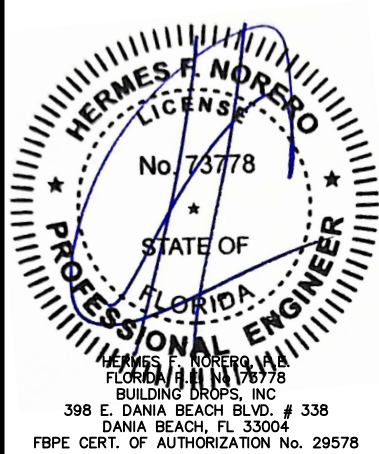
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