

HISTORICAL ARTS & CASTING, INC.

PALMETTO SERIES FIXED WINDOW

(HVHZ)(IMPACT)

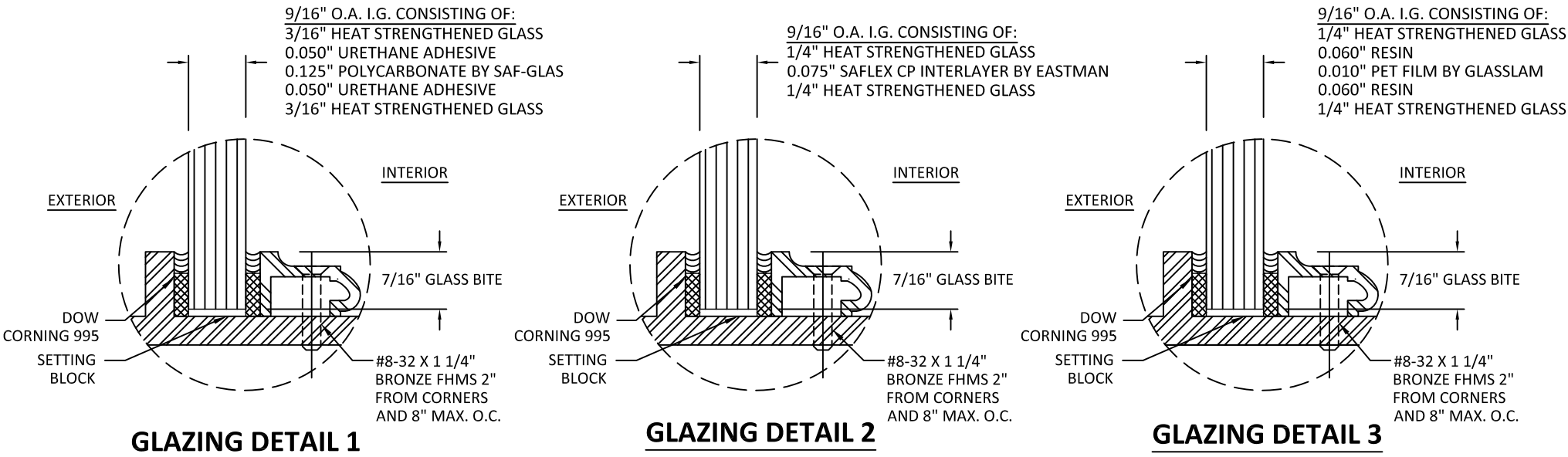
GENERAL NOTES:

- 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 WOOD & STEEL 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.
- 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. FOR NON-HVHZ AREA, INSTALLATION TO BE REVIEWED BY AHJ (AUTHORITY HAVING JURISDICTION).
- DEVIATION FROM THIS FLORIDA PRODUCT APPROVAL IN HVHZ AREA REQUIRES A ONE TIME APPROVAL FROM MIAMI-DADE COUNTY RER OR AHJ.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- DOOR MATERIAL: BRONZE
- GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.
- DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM COMPONENTS SHALL BE PROTECTED IN ACCORDANCE WITH THE CURRENT FBC REQUIREMENTS CHAPTER 20.
- CUSTOM SIZES AVAILABLE UPON REQUEST.

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SHEET	SHEET DESCRIPTION
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8	FIXED SASH INSTALLATION DETAILS AND NOTES
9	DIRECT GLAZED INSTALLATION DETAILS AND NOTES

DESIGN PRESSURE RATING			
CONFIGURATION	MAX. O.A. PRODUCT SIZE		MISSILE IMPACT RATING
	WIDTH	HEIGHT	
SEE SHEET 2 & 3			+/- 70 PSF
			SMI/LMI

- GLAZING NOTES:
- GLASS TYPE AND THICKNESS COMPLY WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE FBC. THICKNESS, 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.
 - SIZES AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES SHOWN HEREIN.



HISTORICAL ARTS & CASTING, INC.
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WEST JORDAN, UT 84081
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TITLE:
PALMETTO SERIES
FIXED WINDOW
(HVHZ)(IMPACT)
GENERAL NOTES & GLAZING DETAIL

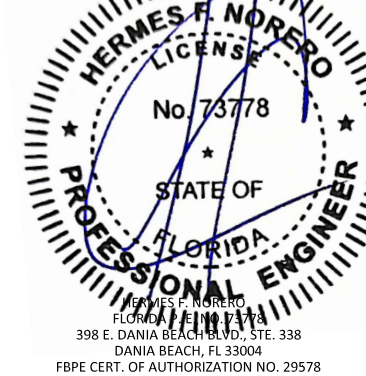
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

BUILDING DROPS

REMARKS	BY	DATE

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.04.21 14:52:10 -0400



FL42029

DATE: 04.12.23

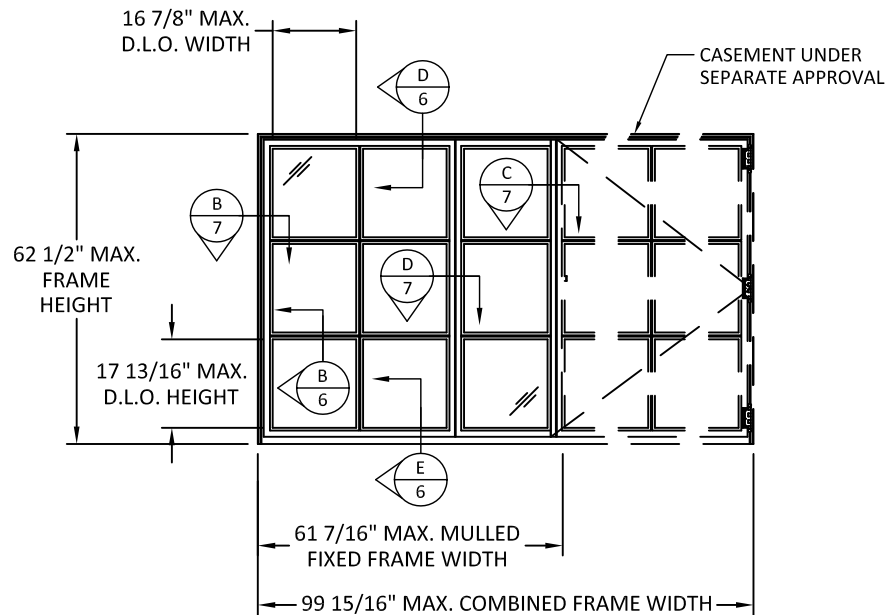
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CHK. BY: HFN

SCALE: NTS

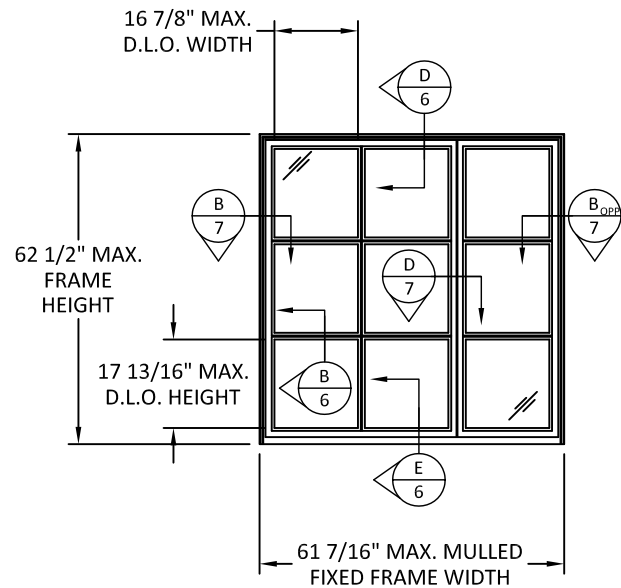
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SHEET: 1

OF 9

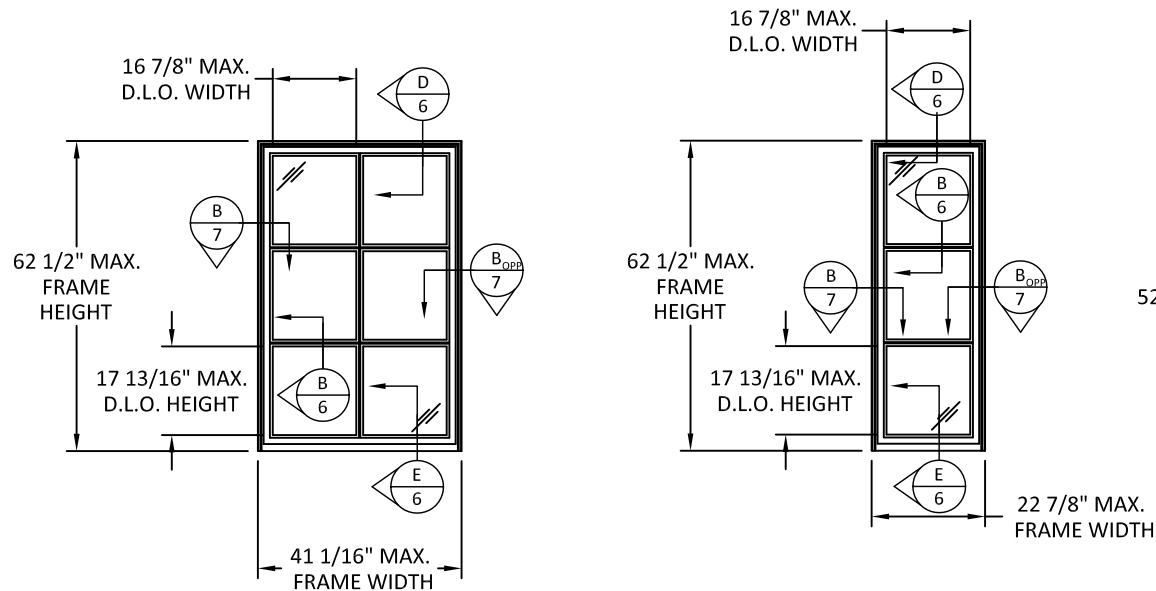
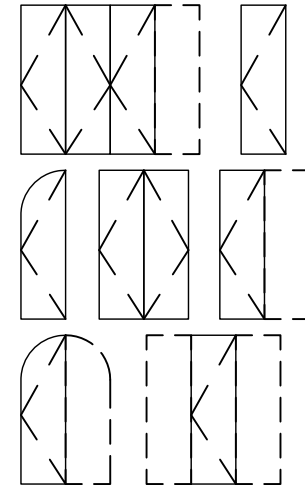


ELEVATION 1
MULLER FIXED WINDOW
MULLER WITH CASEMENT

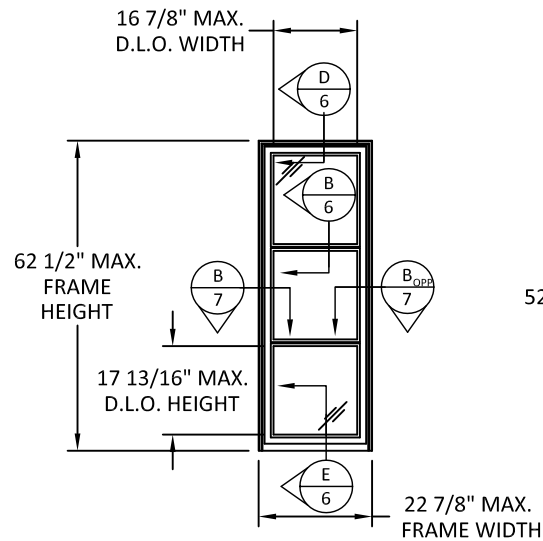


ELEVATION 2
MULLER FIXED WINDOW

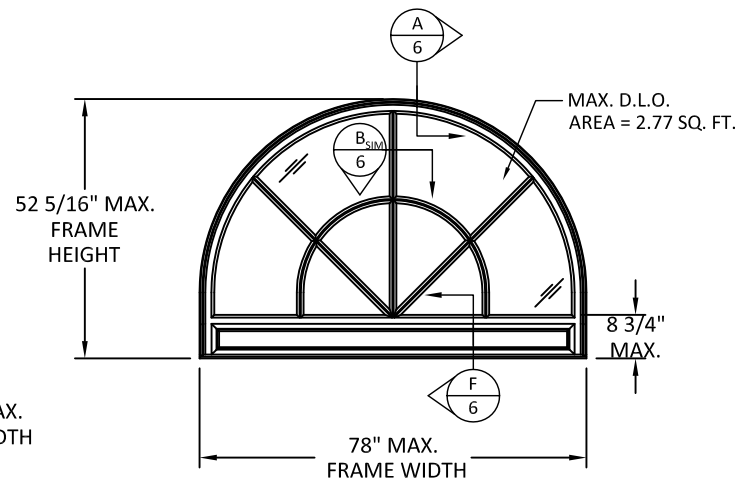
QUALIFIED CONFIGURATIONS:



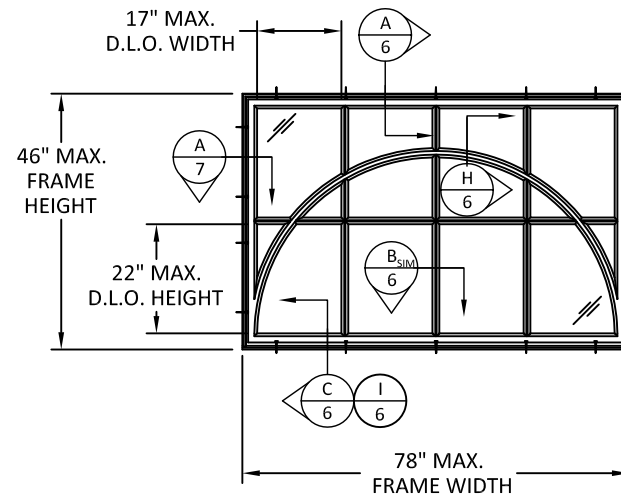
ELEVATION 3
FIXED WINDOW
TWO LITES WIDE



ELEVATION 4
FIXED WINDOW
ONE LITE WIDE



ELEVATION 5
DUAL ARCH TRANSOM



ELEVATION 6
RECTANULAR TRANSOM
WITH DUAL ARCH



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TITLE: PALMETTO SERIES
FIXED WINDOW
(HVHZ)/(IMPACT)
ELEVATIONS 1-6

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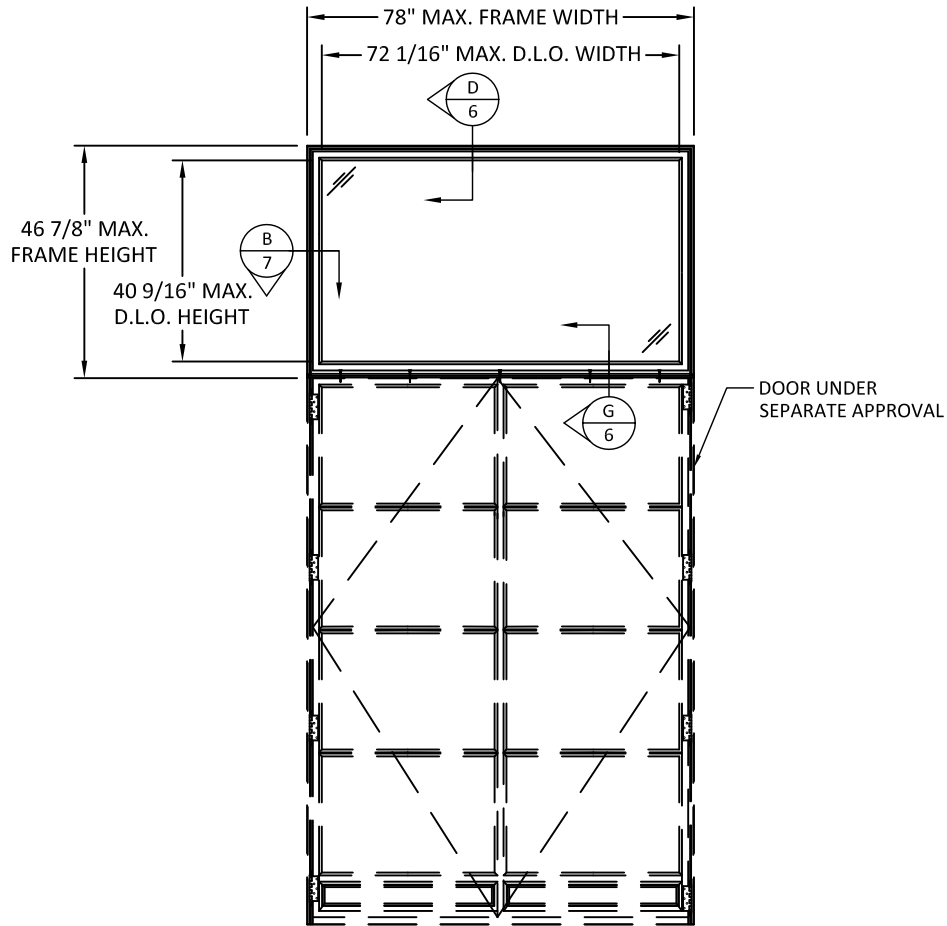
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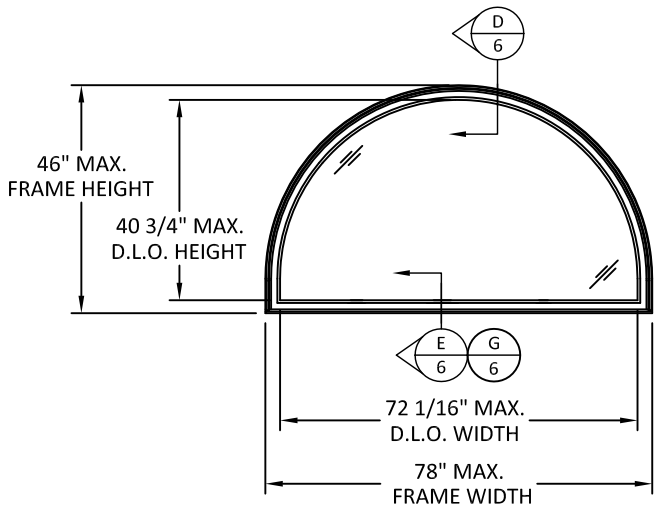
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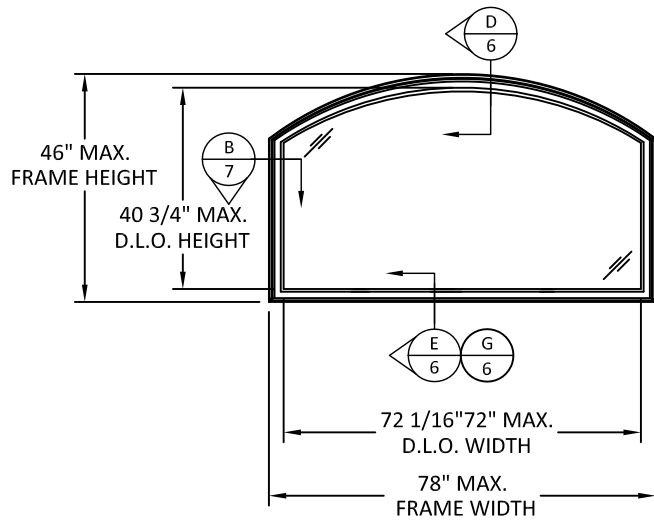
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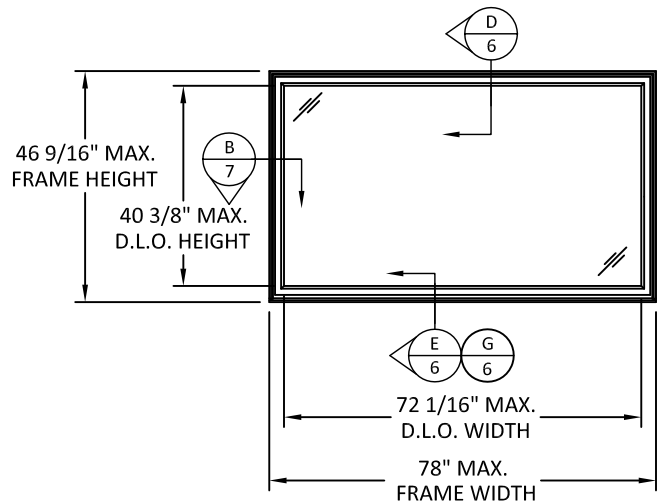
ELEVATION 7
TRANSOM OVER OPERABLE UNIT



ELEVATION 8
HALF ROUND TRANSOM

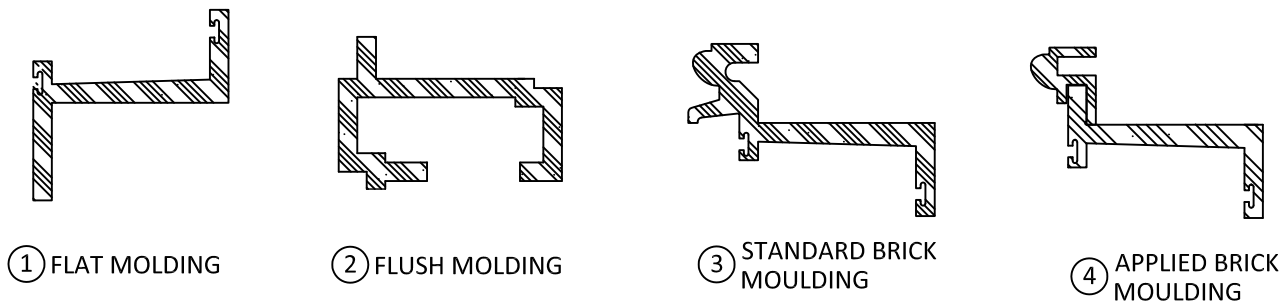


ELEVATION 9
EYEBROW TRANSOM



ELEVATION 10
RECATUGLAR FIXED TRANSOM/WINDOW

BRICKMOLD OPTIONS



NOTES:

- HEAD SHALL USE PROFILE WITH DRIPEDGE
- LISTED IN NO PARTICULAR ORDER
- SEALANT BY OTHERS



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FIXED WINDOW
(HVHZ)/(IMPACT)
ELEVATIONS 7-10
& BRICKMOLD OPTIONS

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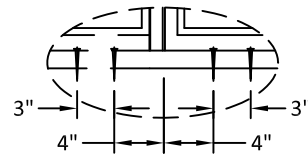
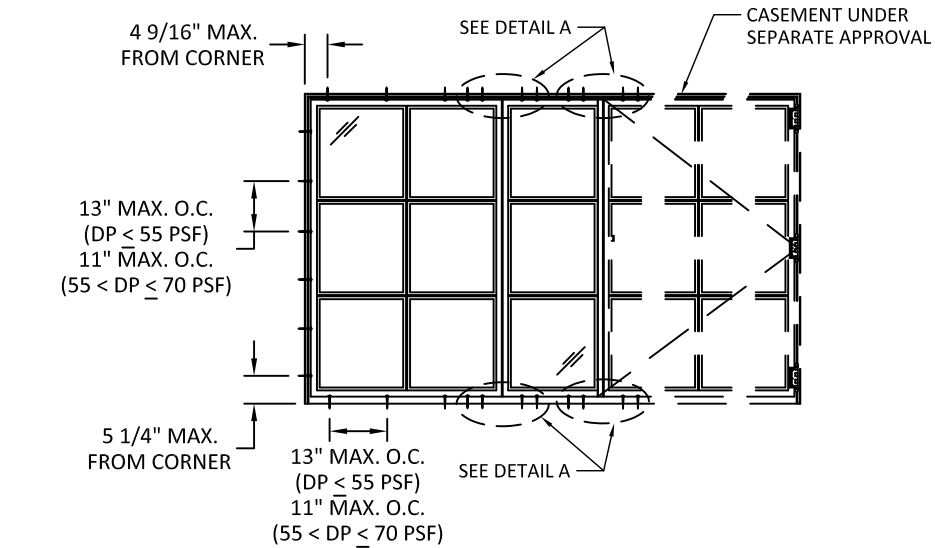
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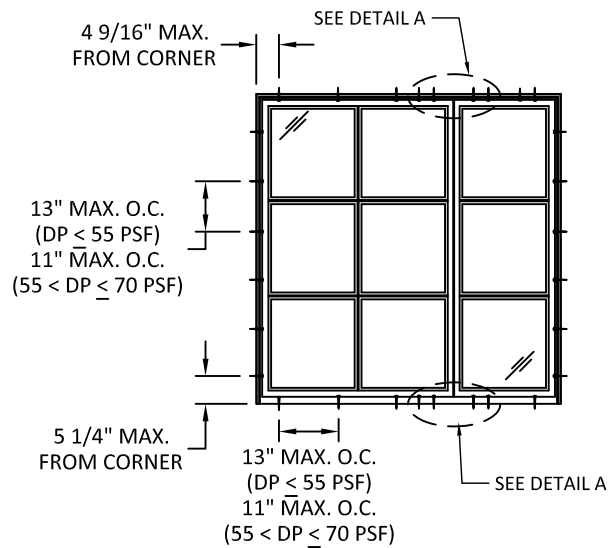
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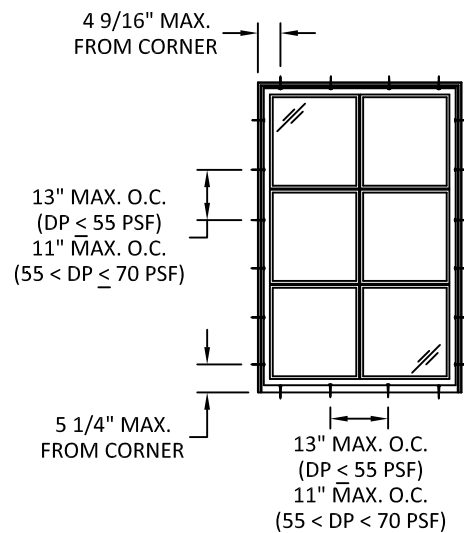


DETAIL A
ANCHOR CLUSTER

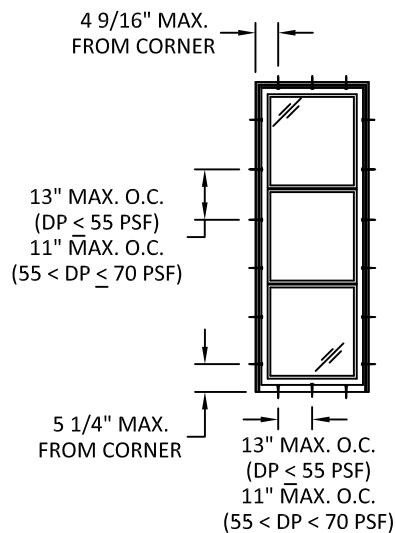
ANCHOR LAYOUT 1
MULLER FIXED WINDOW
MULLER WITH CASEMENT



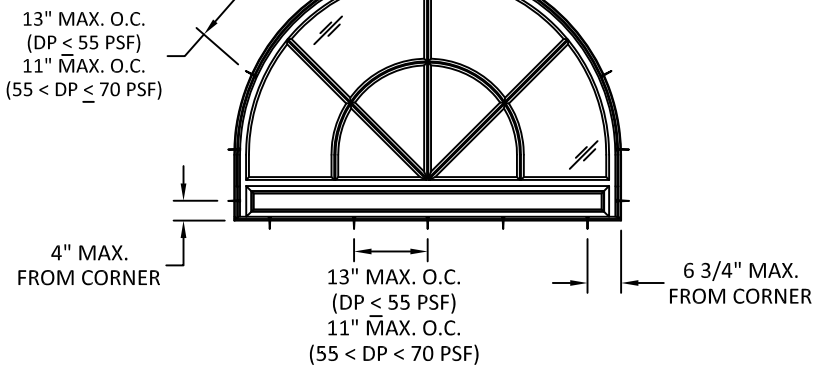
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MULLER FIXED WINDOW



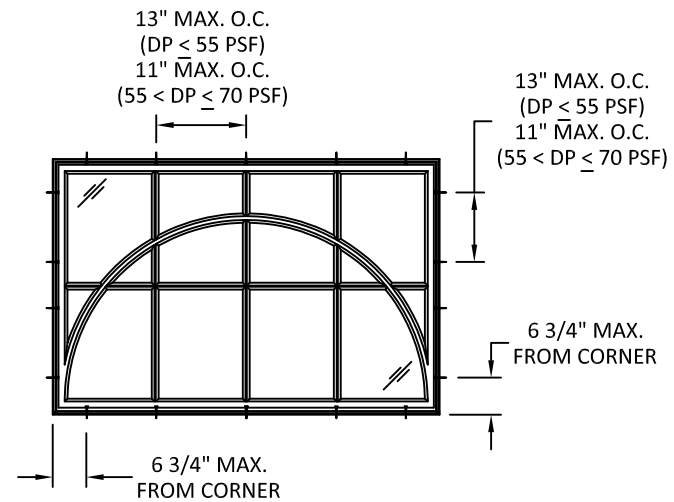
ANCHOR LAYOUT 3
FIXED WINDOW
TWO LITES WIDE



ANCHOR LAYOUT 4
FIXED WINDOW
ONE LITE WIDE



ANCHOR LAYOUT 5
DUAL ARCH TRANSOM



ANCHOR LAYOUT 6
RECTANULAR TRANSOM
WITH DUAL ARCH



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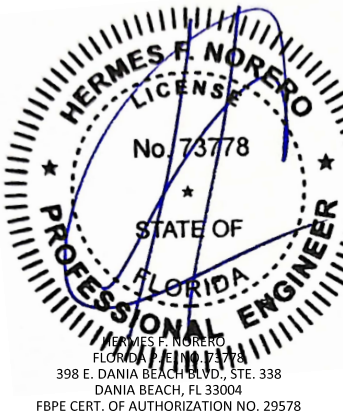
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PALMETTO SERIES
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ANCHOR LAYOUTS 1-6

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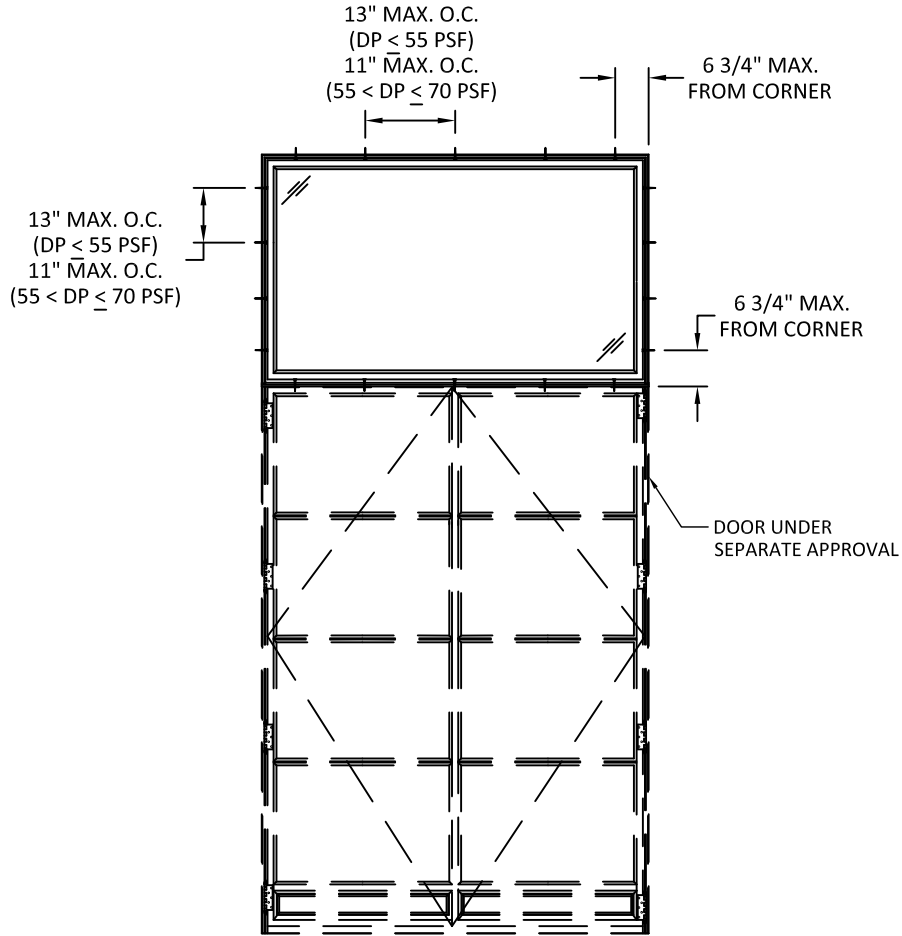
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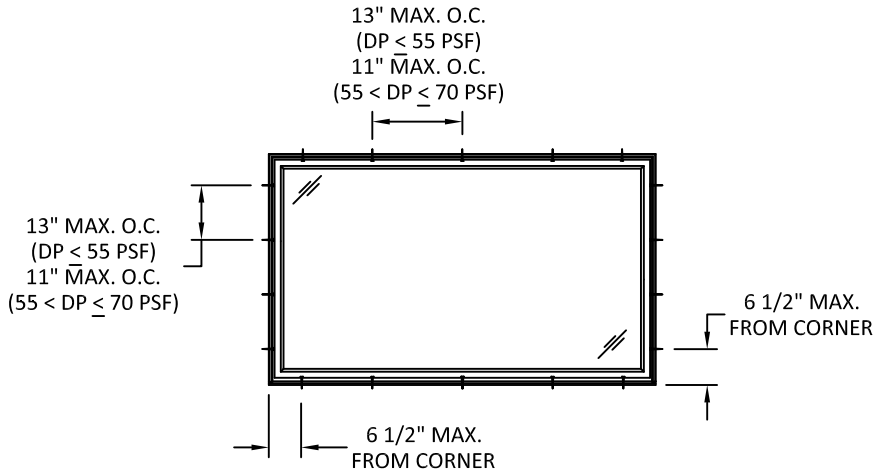
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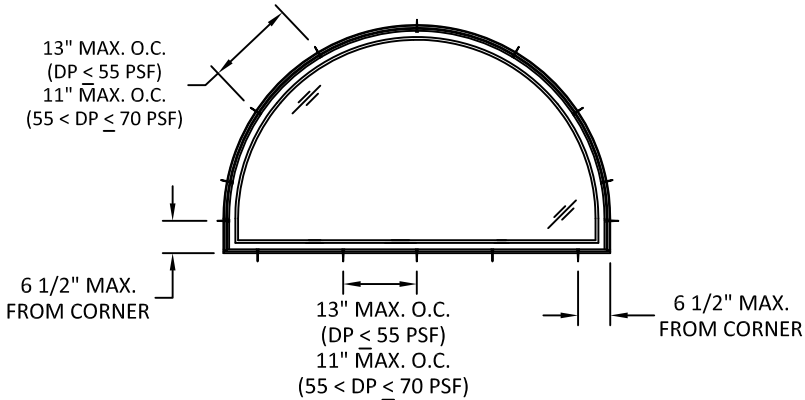
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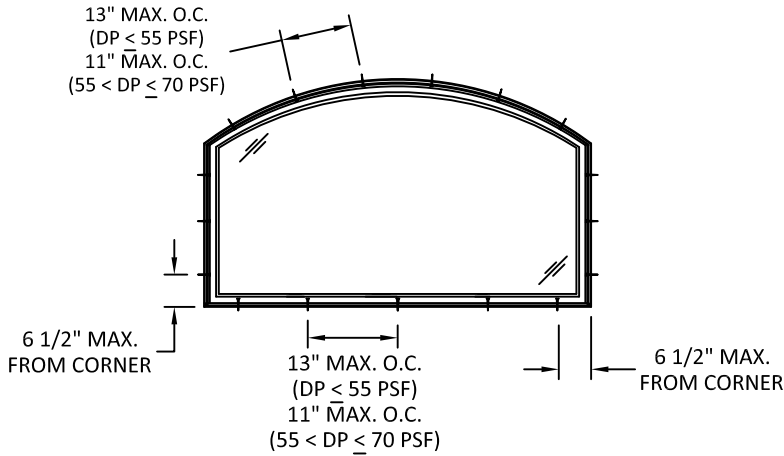
ANCHOR LAYOUT 7
TRANSOM OVER OPERABLE UNIT



ANCHOR LAYOUT 10
RECTUGLAR FIXED TRANSOM/WINDOW



ANCHOR LAYOUT 8
HALF ROUND TRANSOM



ANCHOR LAYOUT 9
EYEBROW TRANSOM



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PALMETTO SERIES
FIXED WINDOW
(HVHZ)(IMPACT)
ANCHOR LAYOUTS 7-10

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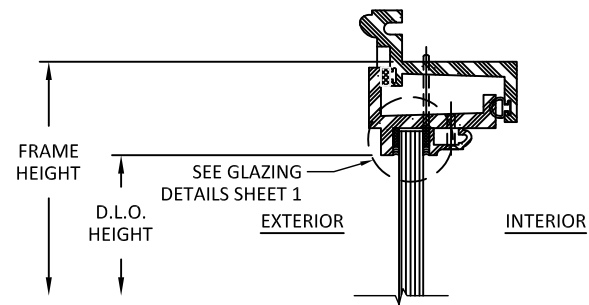
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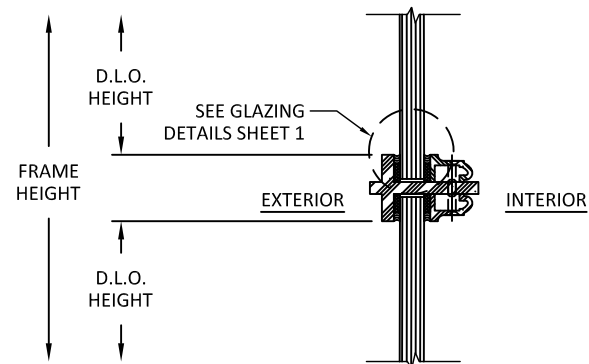


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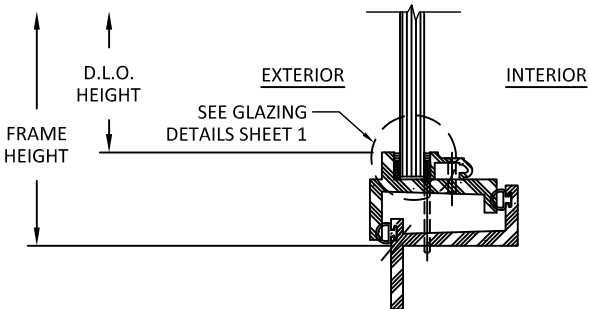
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SM	HFN
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DWG. #:	HAC003
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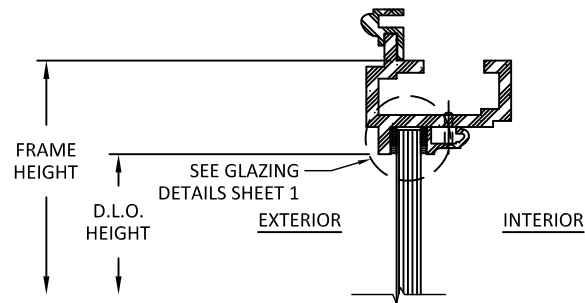
A
6 **VERTICAL SECTION**
HEAD - FIXED SASH



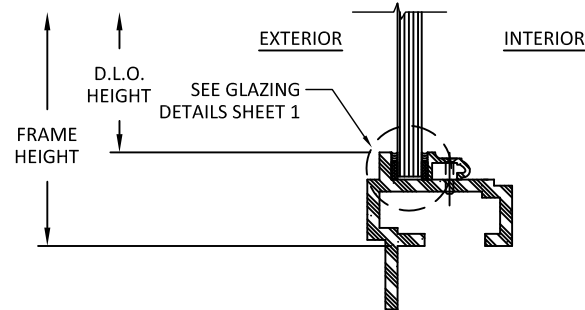
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6 **VERTICAL SECTION**
MUNTIN



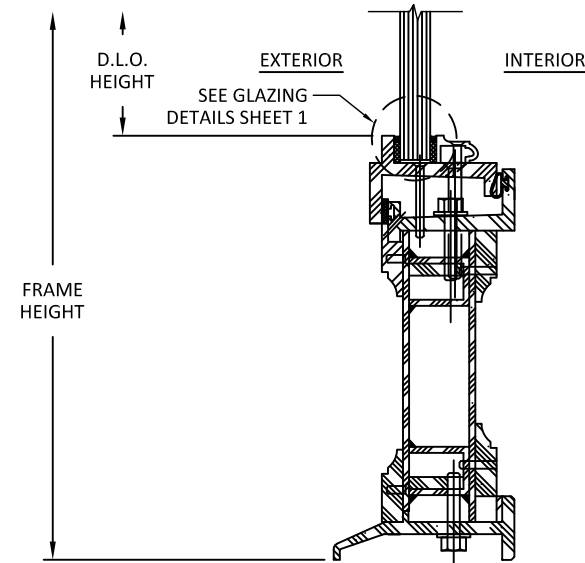
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6 **VERTICAL SECTION**
SILL - FIXED SASH



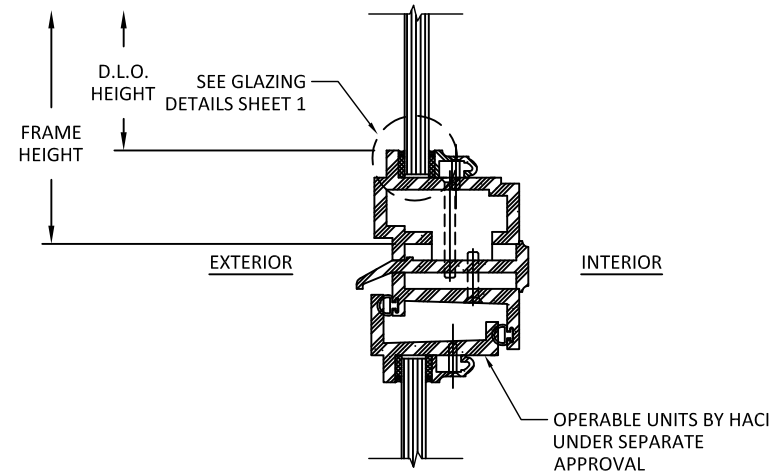
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6 **VERTICAL SECTION**
HEAD - DIRECT GLAZED



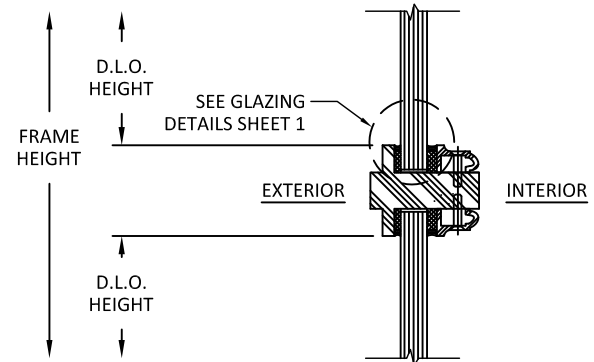
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SILL - DIRECT GLAZED



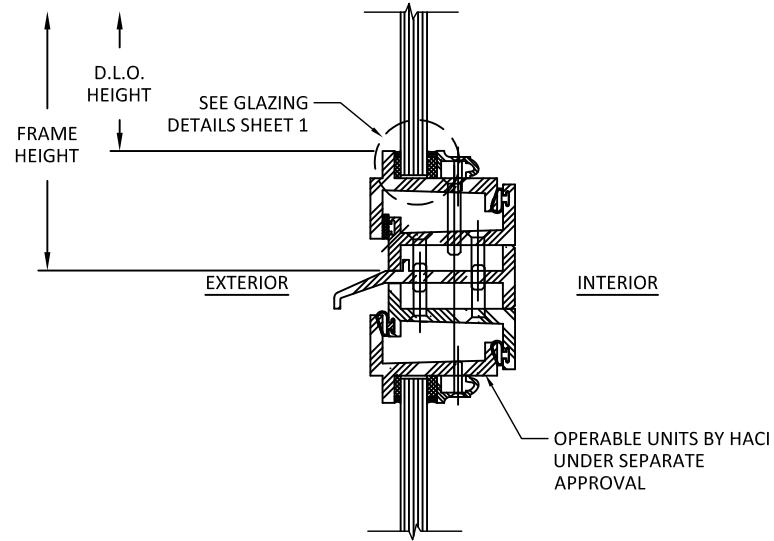
F
6 **VERTICAL SECTION**
SILL - FIXED SASH WITH KICKPANEL



G
6 **VERTICAL SECTION**
TRANSOM - DIRECT GLAZED



H
6 **VERTICAL SECTION**
LARGE MUNTIN



I
6 **VERTICAL SECTION**
TRANSOM - FIXED SASH



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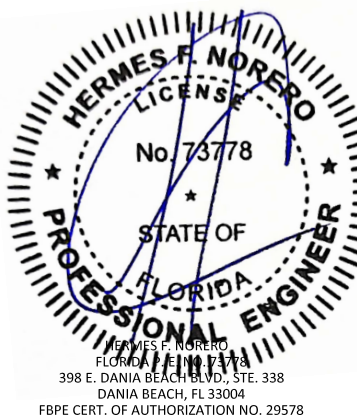
TITLE: PALMETTO SERIES
FIXED WINDOW
(HVHZ)(IMPACT)
VERTICAL SECTIONS

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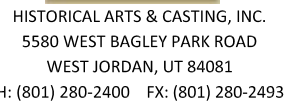
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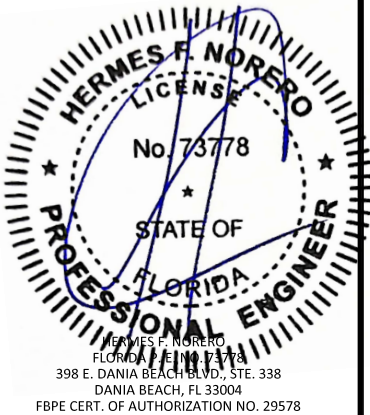
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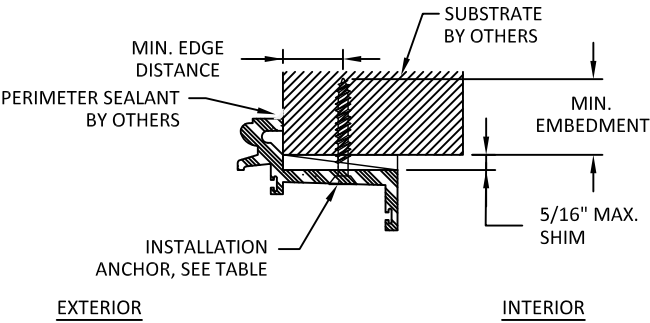
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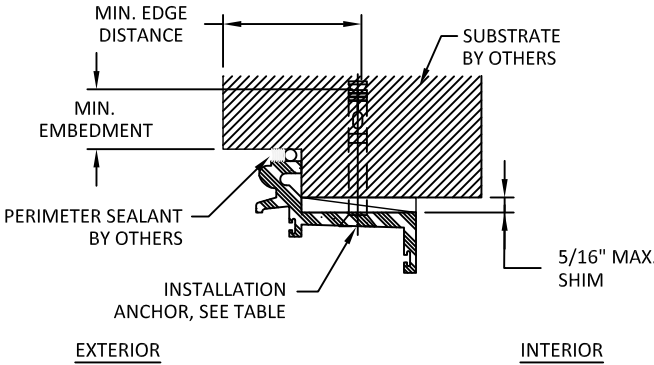
INSTALLATION DETAILS

FIXED SASH WINDOWS (ELEVATIONS 5 & 6)

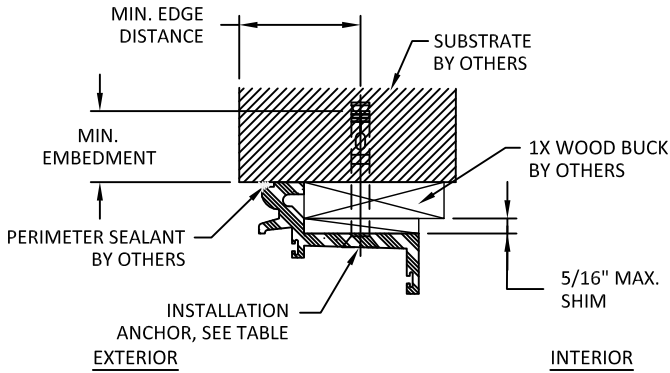
- NOTES:
- HEAD SHOWN, JAMBS AND SILL SIMILAR
 - ALL INSTALLATION DETAILS ARE APPLICABLE TO ALL BRICKMOLD PROFILE OPTIONS



A
8 **ANCHOR INSTALLATION**
THROUGH FRAME (HEAD)



B
8 **ANCHOR INSTALLATION**
THROUGH FRAME (HEAD)
USE DETAIL B/7 WHEN MOUNTING
DIRECTLY TO CONCRETE/MASONRY



C
8 **ANCHOR INSTALLATION**
THROUGH FRAME (JAMB)
USE DETAIL C/7 WHEN MOUNTING
TO CONCRETE/MASONRY W/ 1X WOOD
BUCK BY OTHERS

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.
- 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.
- 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 5/16 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY, HIGH IMPACT, NON-METALIC, NON COMPRESSIBLE, NATURALLY DURABLE & PRESERVATIVE TREATED MATERIALS.
- 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 TYPE	MIN EMBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME	WOOD: MIN. SG = 0.55	#14 BRASS WOOD SCREW	1.50"	1"
	STEEL: MIN. 16 GAUGE, MIN. FY = 36 KSI, OR ALUMINUM MIN 1/8", 6063-T5	1/4" FH SS SELF-TAPPING OR SELF DRILLING SCREW	3 THREADS MIN. PENETRATION BEYOND METAL	1"
	CONCRETE (MIN. F'C= 3000 PSI) OR CMU (PER ASTM C90)	1/4" HILTI FH HLC SLEEVE ANCHOR	1.25"	3"



HISTORICAL ARTS & CASTING, INC.
5580 WEST BAGLEY PARK ROAD
WEST JORDAN, UT 84081
PH: (801) 280-2400 FX: (801) 280-2493

TITLE: PALMETTO SERIES
FIXED WINDOW
(HVHZ)/(IMPACT)
FIXED SASH INSTALLATION
NOTES AND DETAILS

PREPARED BY: BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



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



FL42029

DATE: **04.12.23**

DWG. BY:
SM

CHK. BY:
HFN

SCALE: **NTS**

DWG. #: **HAC003**

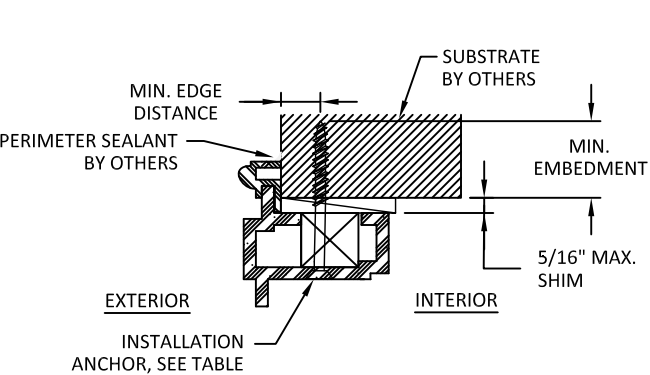
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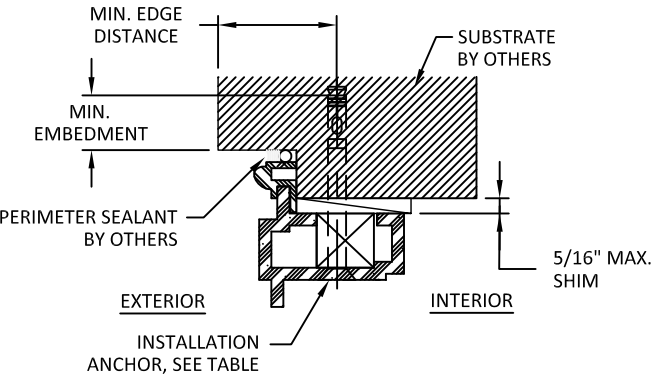
OF 9

INSTALLATION DETAILS
DIRECT GLAZED WINDOWS (ELEVATIONS 1-4 & 7-10)

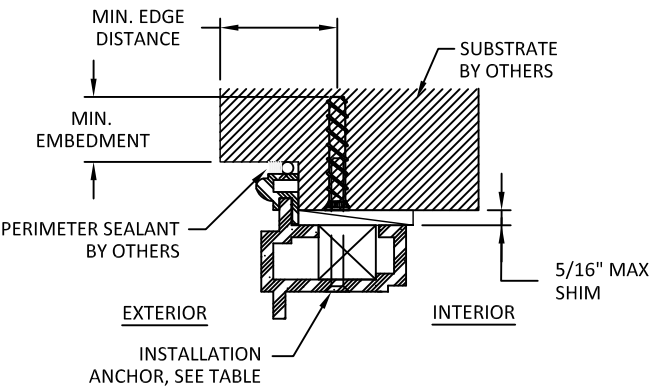
- NOTES:
- HEAD SHOWN, JAMBS AND SILL SIMILAR
 - ALL INSTALLATION DETAILS ARE APPLICABLE TO ALL BRICKMOLD PROFILE OPTIONS



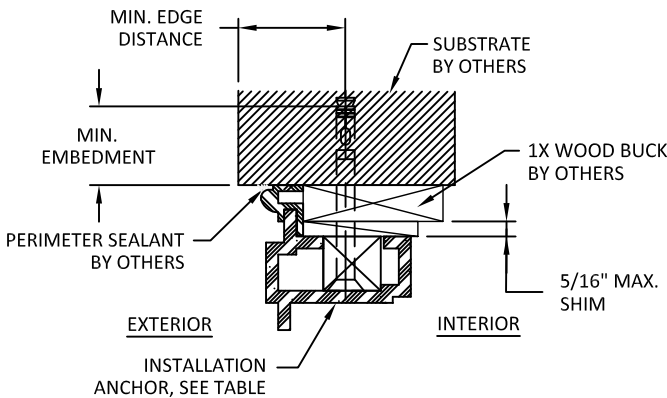
A
9 **ANCHOR INSTALLATION**
THROUGH FRAME (HEAD)



B
9 **ANCHOR INSTALLATION**
THROUGH FRAME (HEAD)
USE DETAIL B/9 WHEN MOUNTING
DIRECTLY TO CONCRETE/MASONRY



C
9 **ANCHOR INSTALLATION**
THROUGH FRAME (HEAD)
USE DETAIL C/9 WHEN MOUNTING
DIRECTLY TO CONCRETE/MASONRY



D
9 **ANCHOR INSTALLATION**
THROUGH FRAME (JAMB)
USE DETAIL D/9 WHEN MOUNTING
TO CONCRETE/MASONRY W/ 1X WOOD
BUCK BY OTHERS

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.
- 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.
- 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 5/16 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY, HIGH IMPACT, NON-METALIC, NON COMPRESSIBLE, NATURALLY DURABLE & PRESERVATIVE TREATED MATERIALS.
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	CONCRETE (MIN. F'C= 3000 PSI) OR CMU (PER ASTM C90)	1/4" HILTI FH HLC SLEEVE ANCHOR	1.25"	3"
		1/4"-20 BRONZE WITH 3/4" THREAD ENGAGEMENT INTO ELCO PANELMATE L INSERT	2.125"	3"



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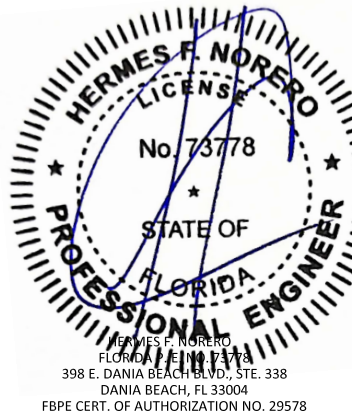
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