PALM CITY IRONWORKS

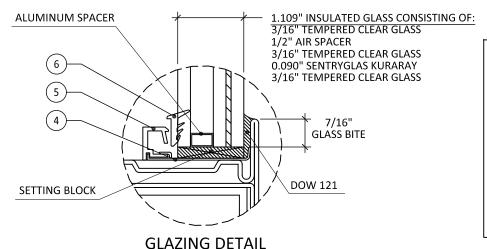
MILANO SERIES FIXED WINDOWS (IMPACT) (HVHZ)

GENERAL NOTES:

- 1. 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
 - ASTM E330-02
 - ASTM E283-04 ASTM E331-00
 - ASTM E1886-13a
 - ASTM E1996-14a
- 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.
- WINDOW MATERIAL: Q235B STEEL
- 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.
- 10. CUSTOM SIZES AVAILABLE UPON REQUEST.

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SHEET	REVISION	SHEET DESCRIPTION			
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4	-	ELEVATION & ANCHOR LAYOUT			
5	-	VERTICAL SECTIONS			
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7	-	INSTALLATION DETAIL & NOTES			
8	-	BILL OF MATERIALS & COMPONENTS			

DESIGN PRESSURE RATING				
MAX. OVERAI	L FRAME SIZE	DESIGN	MISSILE	
WIDTH	HEIGHT	PRESSURE	IMPACT RATING	
84.00"	120.00"		SMI/LMI	
84.00"	120.00"	+80.0/-80.0 PSF		
84.00"	120.00"			



GLAZING NOTES:

- 1. GLASS TYPE AND THICKNESS SHALL 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.
- D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES SHOWN HEREIN.



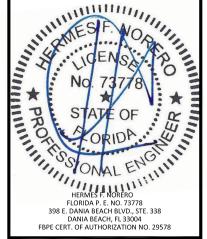
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PH: (239) 691-8400 FX: (239)277-0061

TABLE OF CONTENTS AND GLAZING DETAIL

GENERAL NOTES, 1 DESIGN RATINGS A

REMARKS BY DATE



FL27073

DATE: 03.21.19

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JA SCALE:

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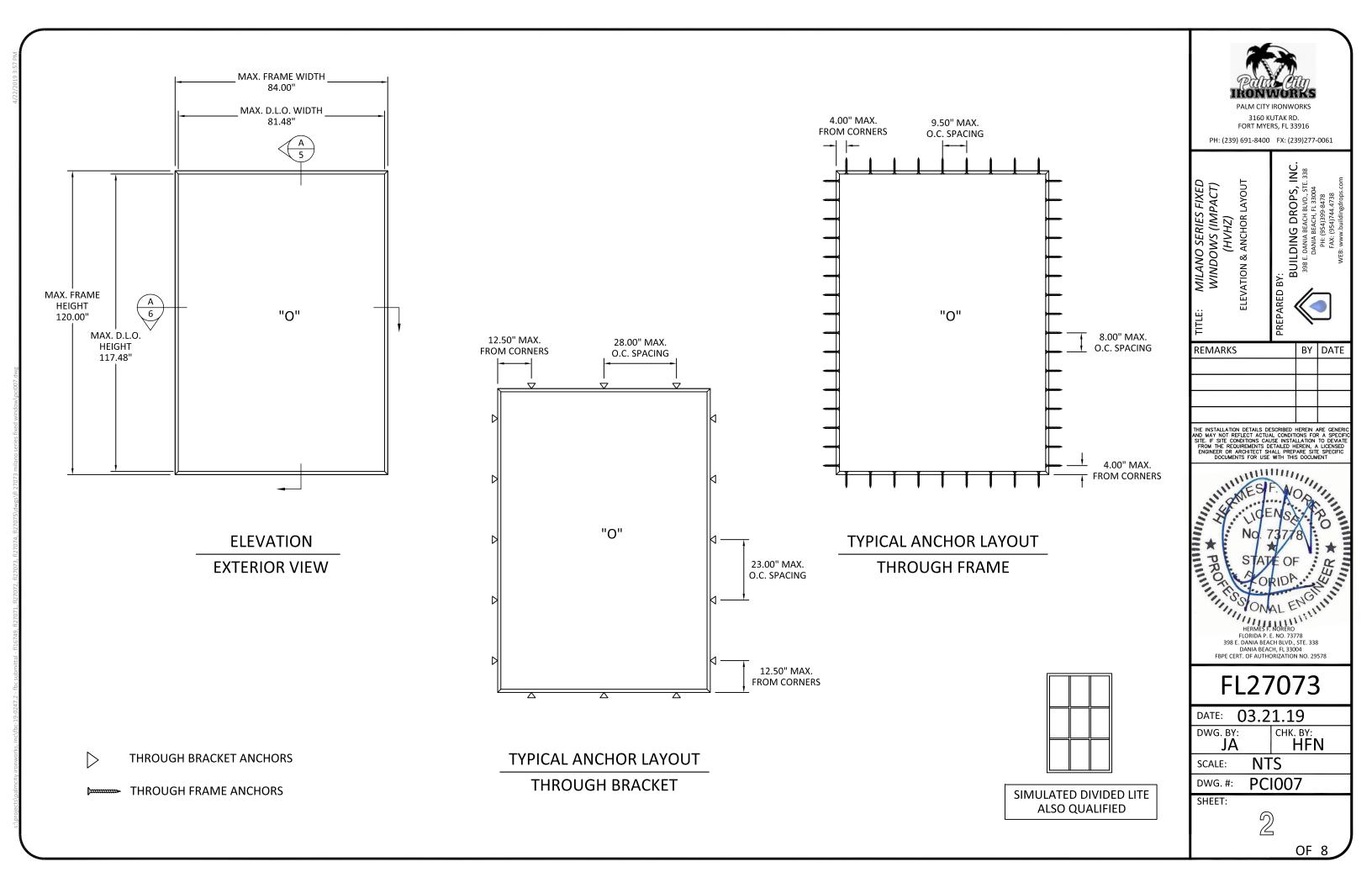
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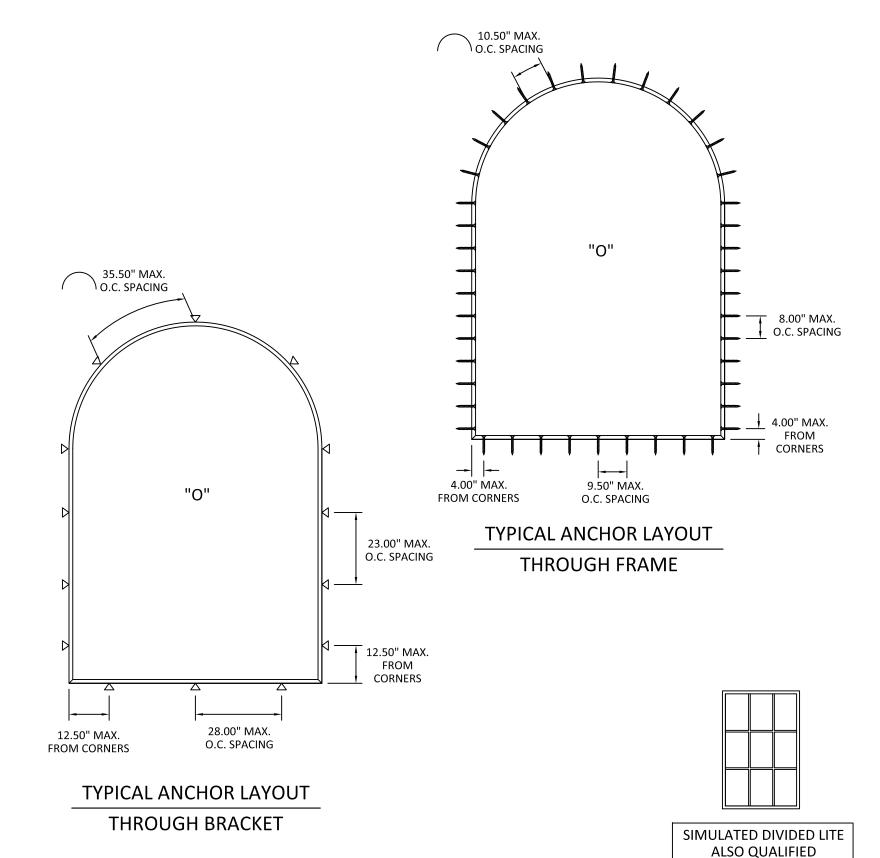
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EXTERIOR VIEW

THROUGH BRACKET ANCHORS

THROUGH FRAME ANCHORS

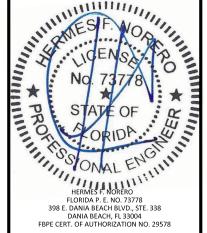


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398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744.4738

REMARKS BY DATE



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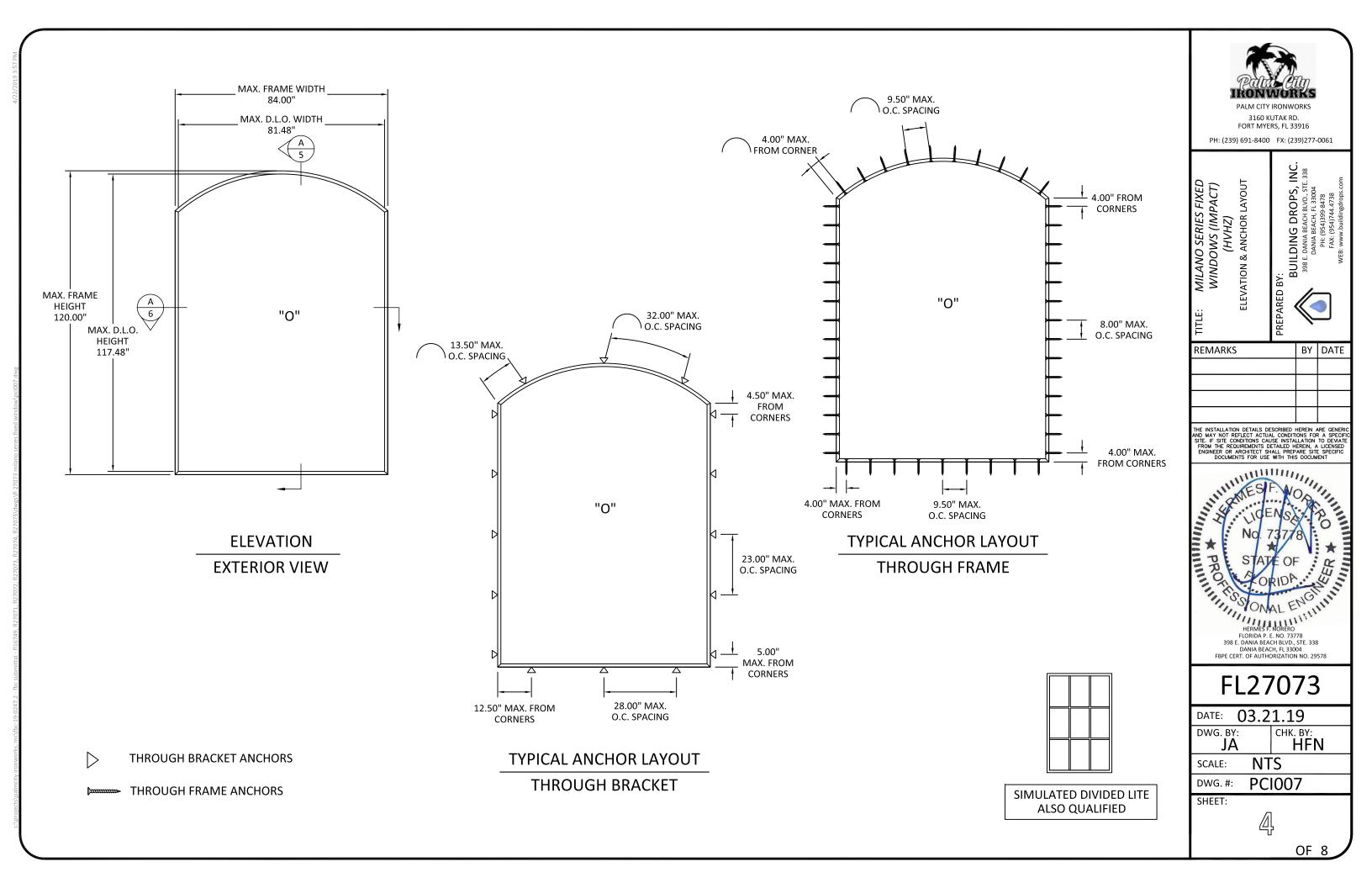
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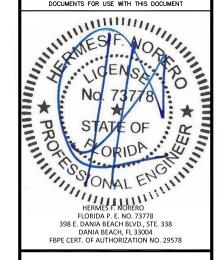
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BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD, STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744.4738 MILANO SERIES FIXED WINDOWS (IMPACT) (HVHZ) VERTICAL SECTIONS

REMARKS

BY DATE

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MILANO SERIES FIXED
WINDOWS (IMPACT)
(HVHZ)
HORIZONTAL SECTIONS

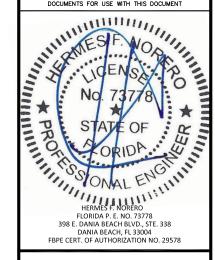
BUILDING DROPS, INC.

BUILDING DROPS, INC.

398 E. DANIA BEACH, EL 33004
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FAX: (954)744.4738
FAX: (954)744.4738

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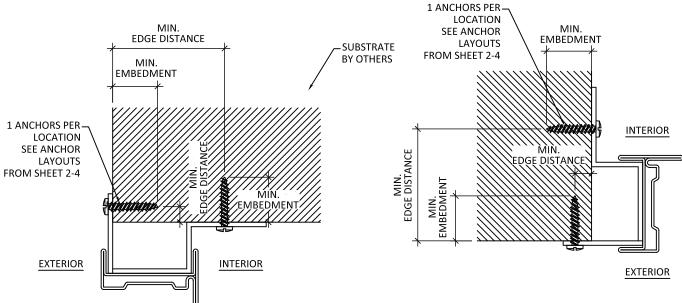
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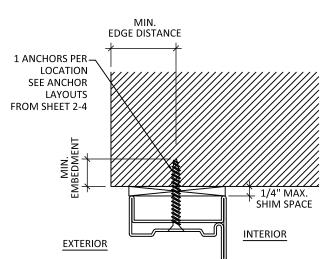


EMBEDMENT

SHIM SPACE

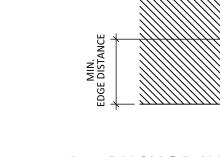
INTERIOR

EXTERIOR



ANCHOR INSTALLATION

THROUGH BRACKET (HEAD/SILL)



1 ANCHORS PER-

FROM SHEET 2-4

SEE ANCHOR LAYOUTS

LOCATION





	ANCHOR	SCHEDIII E		
ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR SCHEDULE	MIN EMBEDMENT	MIN. EDGE DISTANCE
THROUGH METAL BRACKET	WOOD: MIN. SG = 0.55	#10 WOOD SCREW	1.50"	0.75"
	STEEL: MIN. 18 GAUGE, MIN. FY = 33 KSI	#10 TEK SCREW	3 THREADS MIN. PENETRATION BEYOND METAL	0.50"
	WOOD: MIN. SG = 0.55	#14 WOOD SCREW	1.50"	1.00"
THROUGH FRAME	STEEL: MIN. 18 GAUGE, MIN. FY = 36 KSI	1/4" TEK SCREW	3 THREADS MIN. PENETRATION BEYOND METAL	0.75"
TIMOOGH FRAIVIE	3000 PSI CONCRETE	1/4" ITW TAPCON	1.75"	1.25"
	MASONRY: CMU PER ASTM C90, MIN. 2000 PSI	1/4" ITW TAPCON	1.75"	1.25"

INSTALLATION NOTES:

- 1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN UNLESS OTHERWISE SPECIFIED.
- 2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
- 3. 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.
- 4. 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.
- 5. 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, HIGH IMPACT, NON-METALIC, NON COMPRESSIBLE, NATURALLY DURABLE & PRESERVATIVE TREATED MATERIALS.
- 6. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- 7. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- 8. 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.
- 9. 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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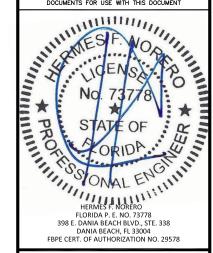
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MILANO SERIES FIXED WINDOWS (IMPACT) INSTALLATION DETAIL & NOTES

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DANIA BEACH, FL 33004
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FAX: (954)74444738

REMARKS BY DATE

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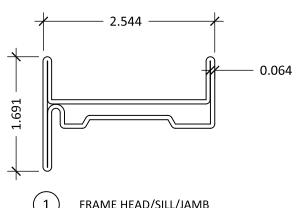
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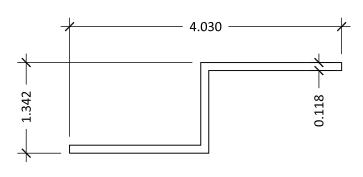
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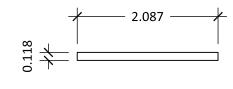
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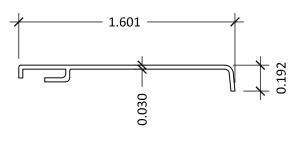




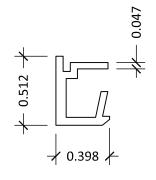
FRAME HEAD/SILL/JAMB

IRON BRACKET

IRON FIN



CLIP FOR GLAZING BEAD



GLAZING BEAD



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BILL OF MATERIALS AND COMPONENTS MILANO SERIES FIXED WINDOWS (IMPACT) (HVHZ)

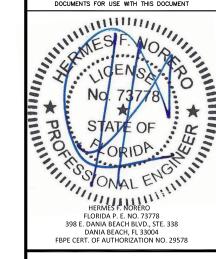
REMARKS

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