

GRAHAM ARCHITECTURAL PRODUCTS

SERIES 1200 PICTURE WINDOW

(HVHZ)(IMPACT)

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 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.
4. 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.
5. **CLIP ANCHOR:** FOR INSTALLATION INTO WOOD FRAMING USE (1) #10 WOOD SCREW PER CLIP OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
6. **CLIP ANCHOR:** FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY OR DIRECTLY INTO CONCRETE/MASONRY USE (1) 3/16 INCH DIAMETER ITW TAPCON PER CLIP OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT.
7. **CLIP ANCHOR:** FOR INSTALLATION THROUGH STEEL STUD USE (1) #10 GR. 5 SELF-TAPPING SCREW PER CLIP OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND STEEL STRUCTURE.
8. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
9. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- 10.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.
- 11.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.
- 15.INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.

B. CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.

C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90. MIN. f'c: 2000 PSI

D. STEEL - MINIMUM TENSILE YIELD STRENGTH OF 33 KSI. MINIMUM WALL THICKNESS OF 49 MILS. (18 GAUGE)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE, INCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:

• ASTM E 1886-13a

• ASTM E 1996-12

• TAS 201-94

• TAS 202-94

• TAS 203-94
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND 2X 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.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. WINDOW FRAME MATERIAL: 6063-T6 ALUMINUM
7. GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 4 FOR GLAZING DETAILS.
8. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:

• X: OPERABLE PANEL

• O: FIXED PANEL

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3	A	HORIZONTAL & VERTICAL SECTIONS
4	A	GLAZING DETAILS
5	A	COMPONENTS & BILL OF MATERIALS

DESIGN PRESSURE RATING		
MAX SIZE	DESIGN PRESSURE	MISSILE IMPACT RATING
55" x 96"	+60/-80 PSF	LARGE AND SMALL MISSILE IMPACT RESISTANT



GRAHAM ARCHITECTURAL PRODUCTS
1551 MOUNT ROSE AVENUE
YORK, PENNSYLVANIA 17403-2909

TITLE: SERIES 1200 PICTURE WINDOW (HVHZ)(IMPACT)

INSTALLATION & GENERAL NOTES

PREPARED BY:

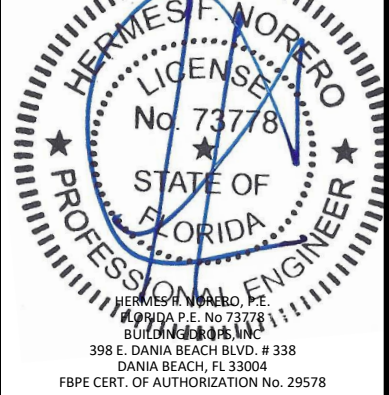
BUILDING DROPS, INC.

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
A-CODE CHANGE 2020	YC	09/20

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Digitally signed by Hermes F Norero
Reason: I am approving this document
Date: 2020.10.05 15:18:31 -02'00'



FL#: **FL10084**

DATE: **10/05/2020**

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SCALE: **NTS**

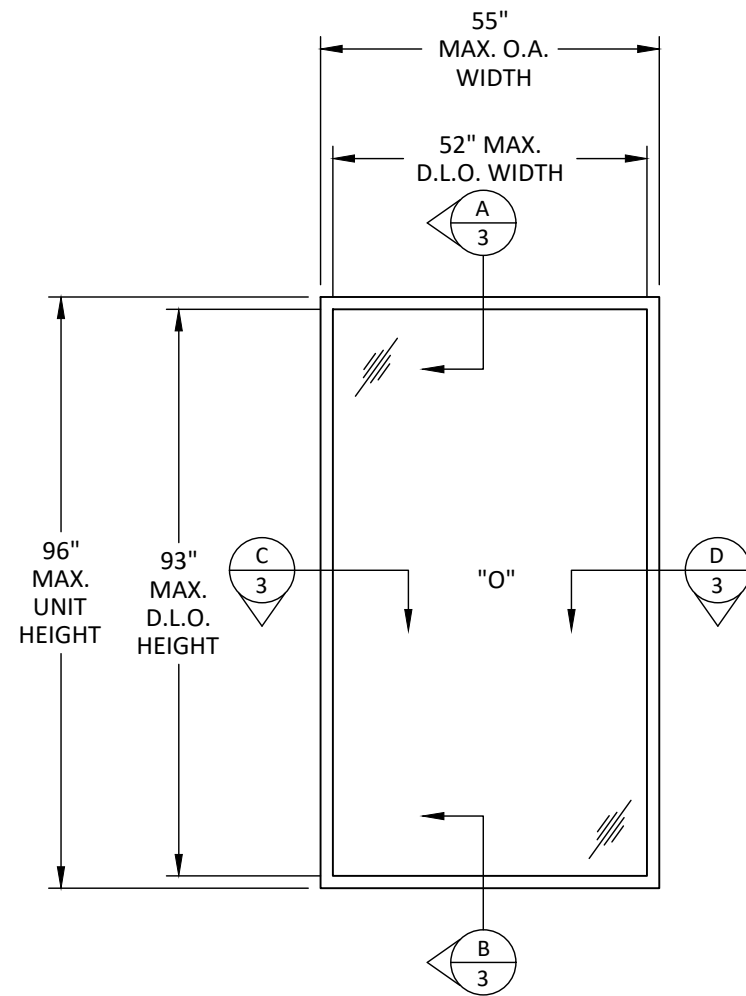
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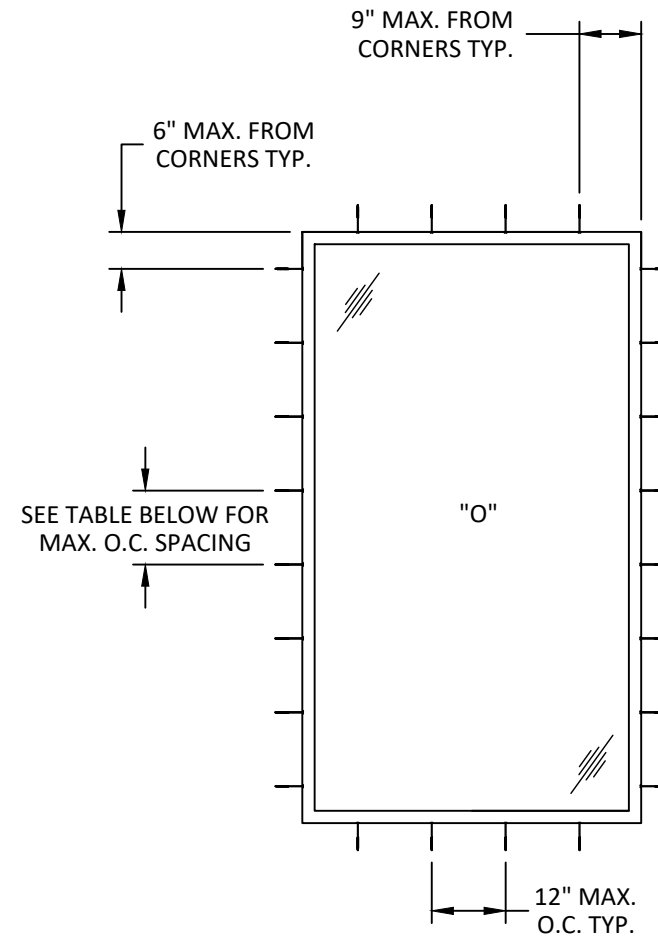
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ELEVATION



ANCHOR LAYOUT
ANGLE CLIP

NOTE:
USE 1"x 1" x 0.060" 6063-T6 ALUMINUM
ANGLE CLIP (ITEM #4) IN 3" LENGTHS AT
EACH LOCATION SHOWN ABOVE. SEE
SHEET 3 FOR DETAILS.



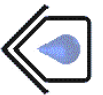
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ELEVATIONS & ANCHOR LAYOUT

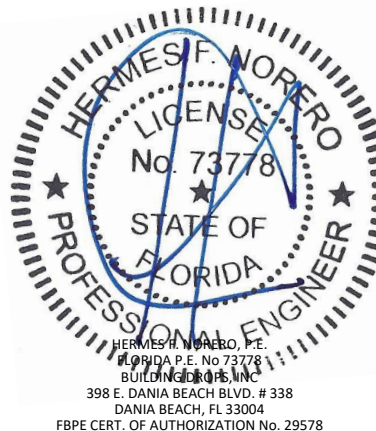
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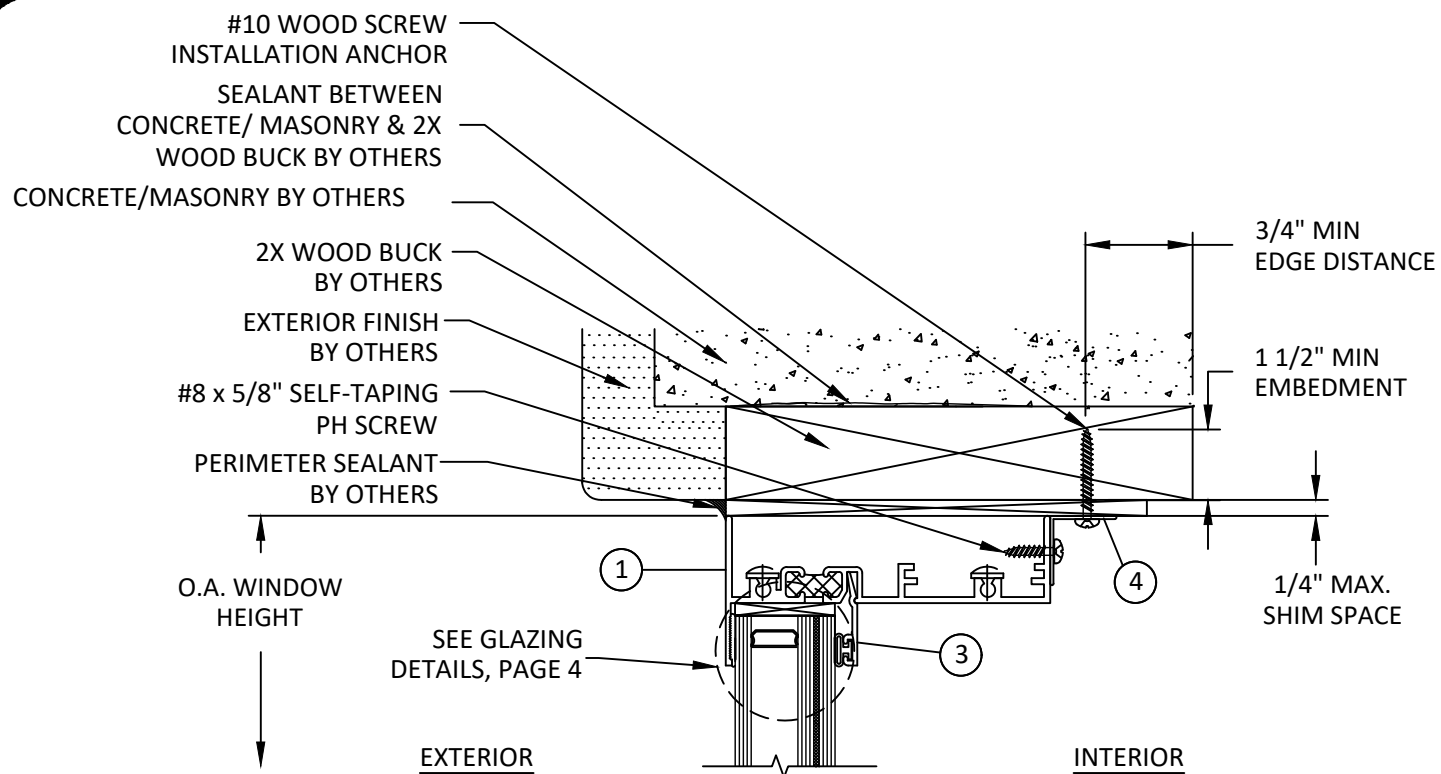
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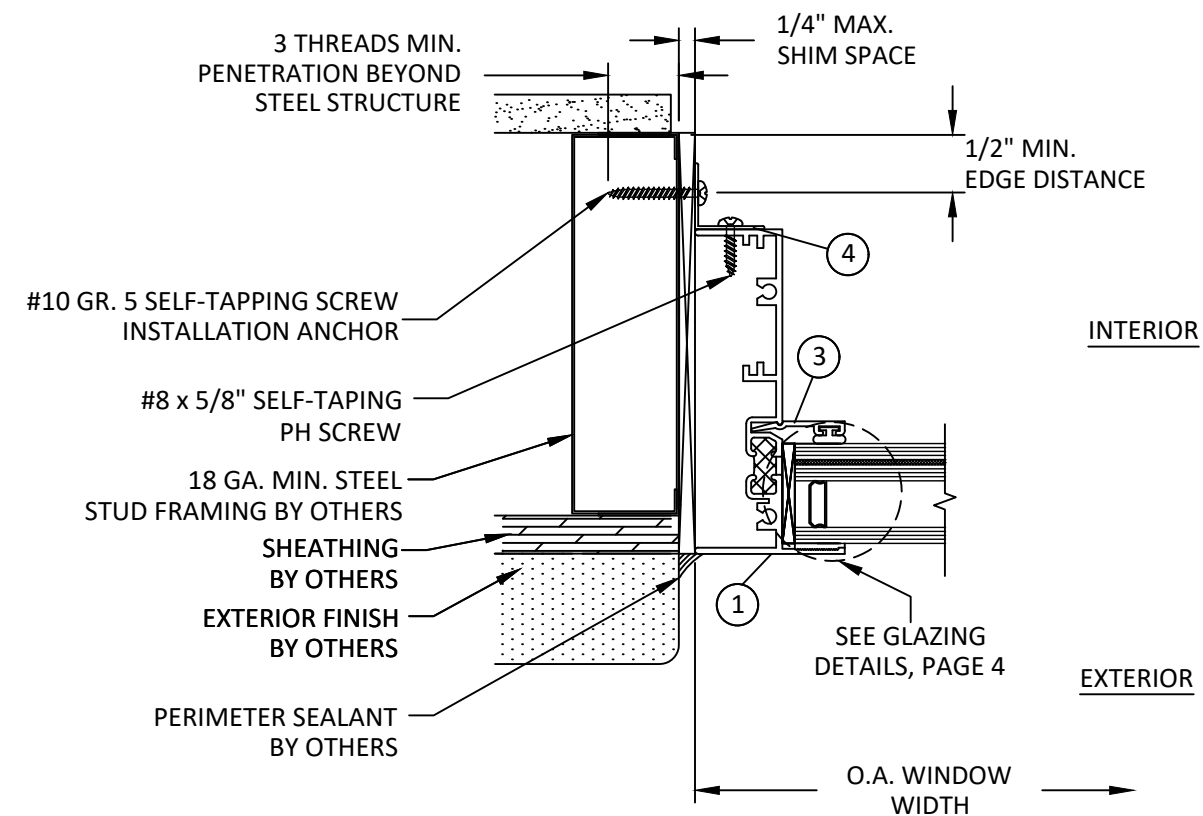
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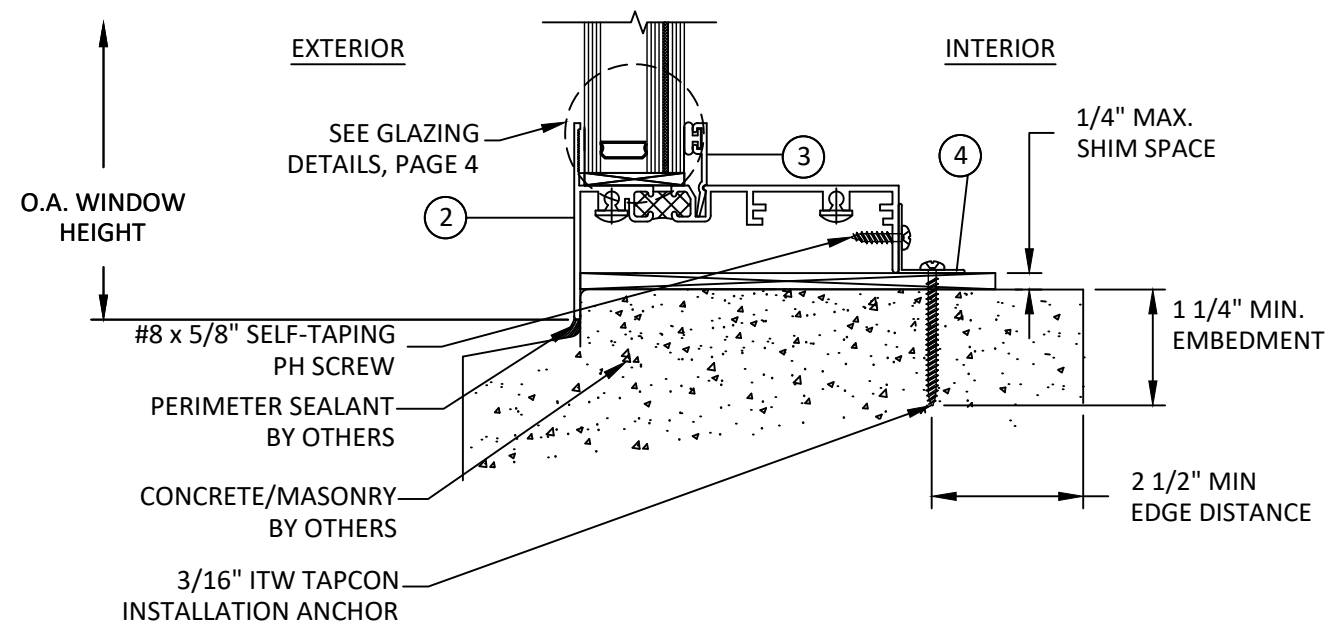
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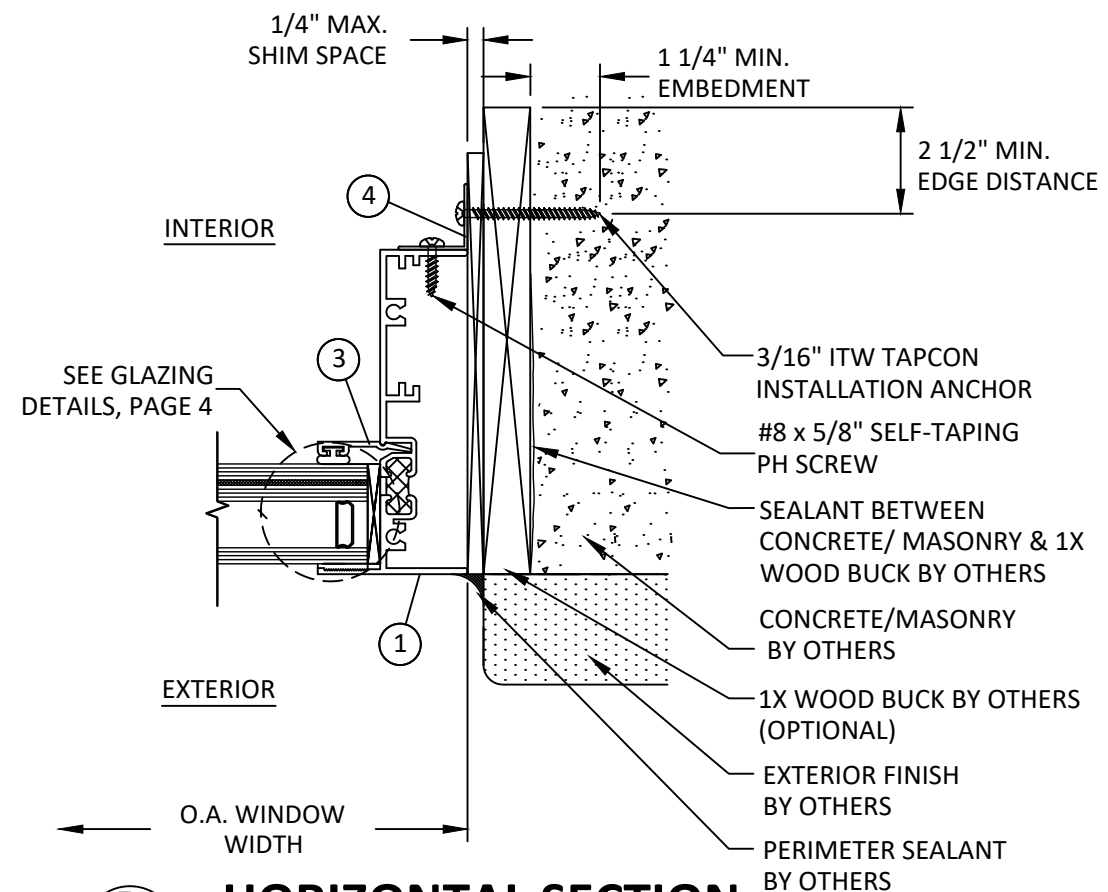
A
3 **VERTICAL SECTION**
HEAD - 2X WOOD BUCK



C
3 **HORIZONTAL SECTION**
JAMB - STEEL STUD FRAME



B
3 **VERTICAL SECTION**
SILL - CONCRETE/MASONRY



D
3 **HORIZONTAL SECTION**
JAMB - 1X BUCK TO CONCRETE/MASONRY



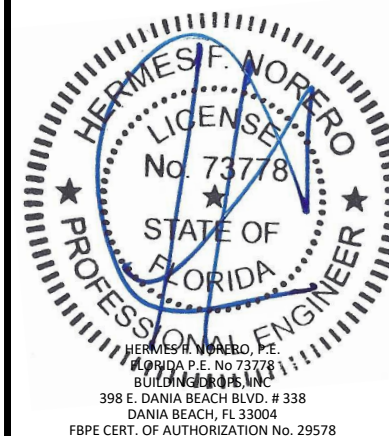
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TITLE: SERIES 1200 PICTURE WINDOW (HVHZ)(IMPACT)
HORIZONTAL & VERTICAL SECTION

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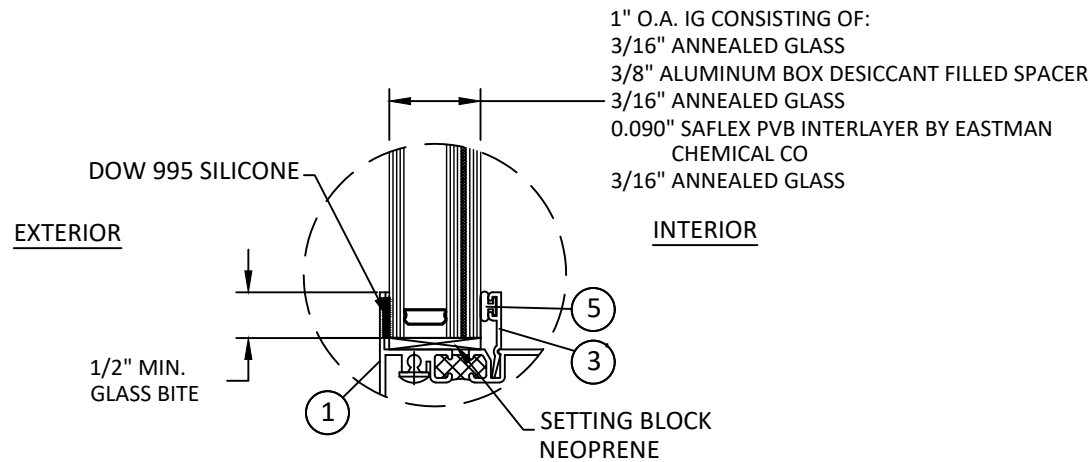
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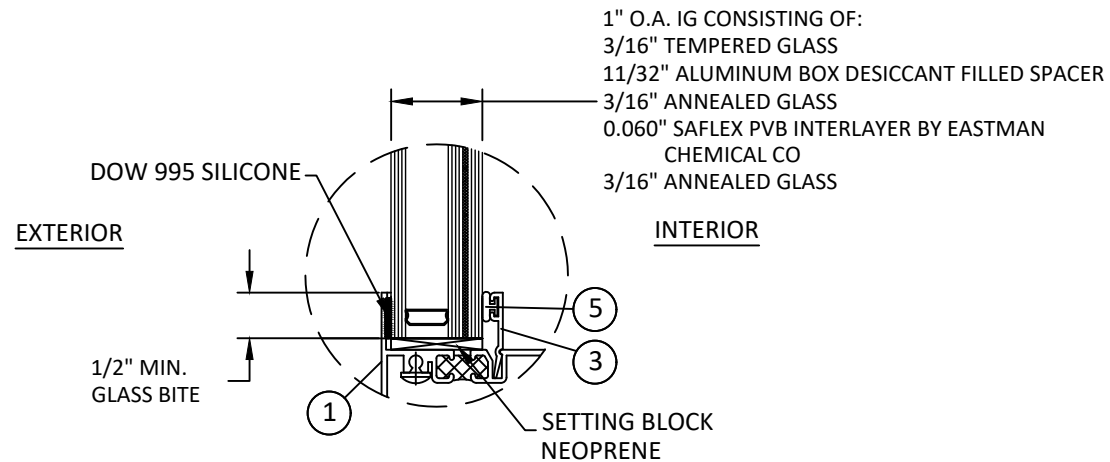
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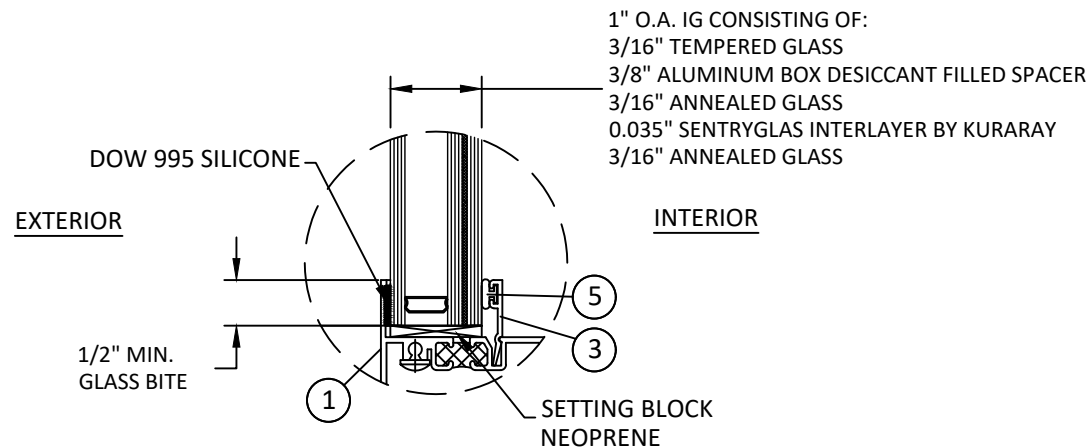
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GLAZING DETAIL A
LARGE MISSILE
IMPACT (LMI)



GLAZING DETAIL B
SMALL MISSILE
IMPACT (SMI)



GLAZING DETAIL C
SMALL MISSILE
IMPACT (SMI)



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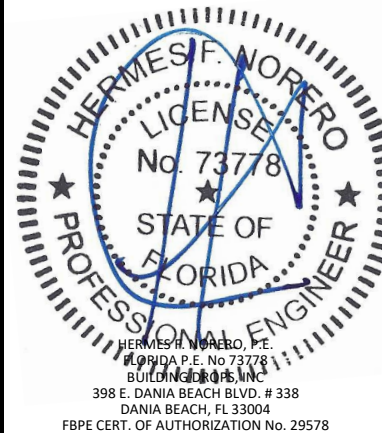
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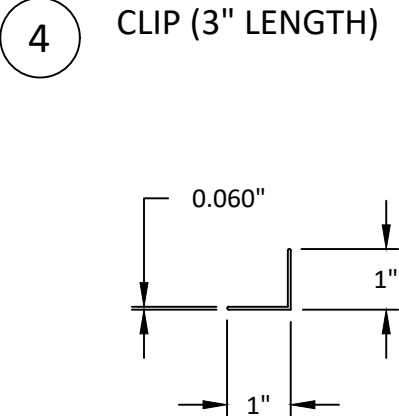
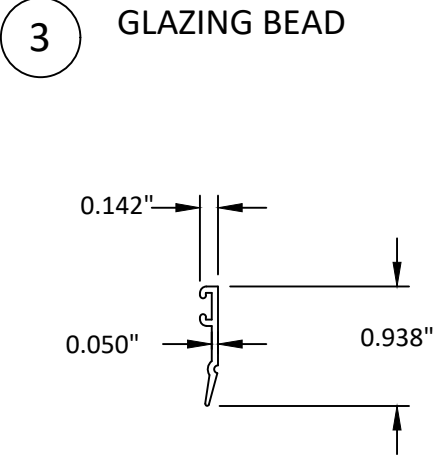
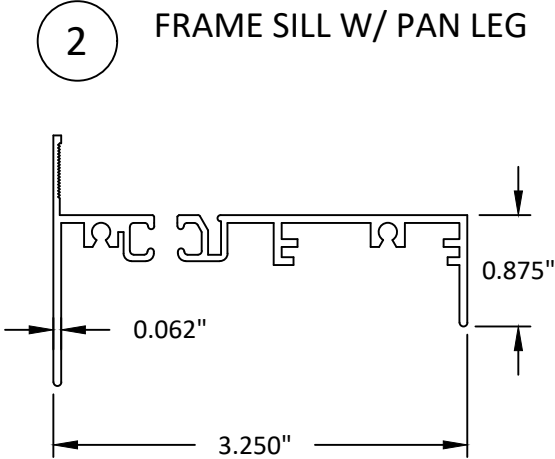
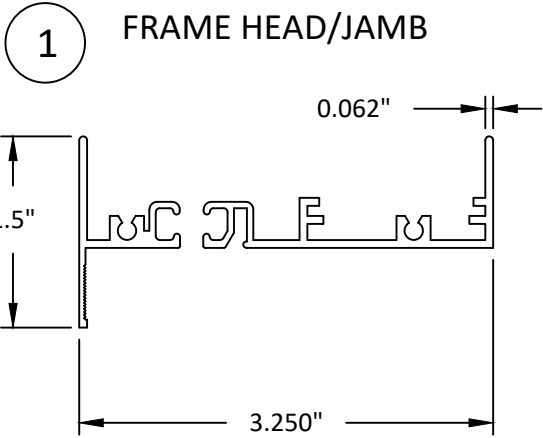
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BILL OF MATERIALS			
ITEM NO.	DESCRIPTION	MATERIAL	EXTRUSION
1	FRAME HEAD / JAMB	ALUM. 6063-T6	120010
2	FRAME SILL W/ PAN LEG	ALUM. 6063-T6	120020
3	GLAZING BEAD	ALUM. 6063-T6	200090
4	CLIP (3" LENGTH)	ALUM. 6063-T6	-
5	BULB GASKET	RUBBER	962680



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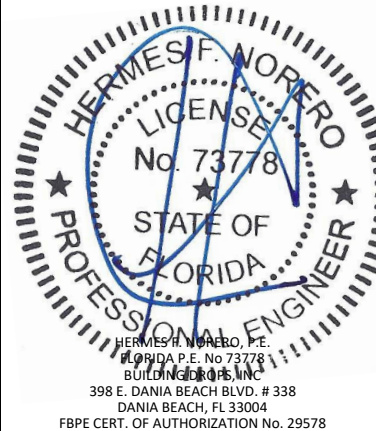
TITLE: SERIES 1200 PICTURE WINDOW (HVHZ)(IMPACT) BILL OF MATERIAL

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