

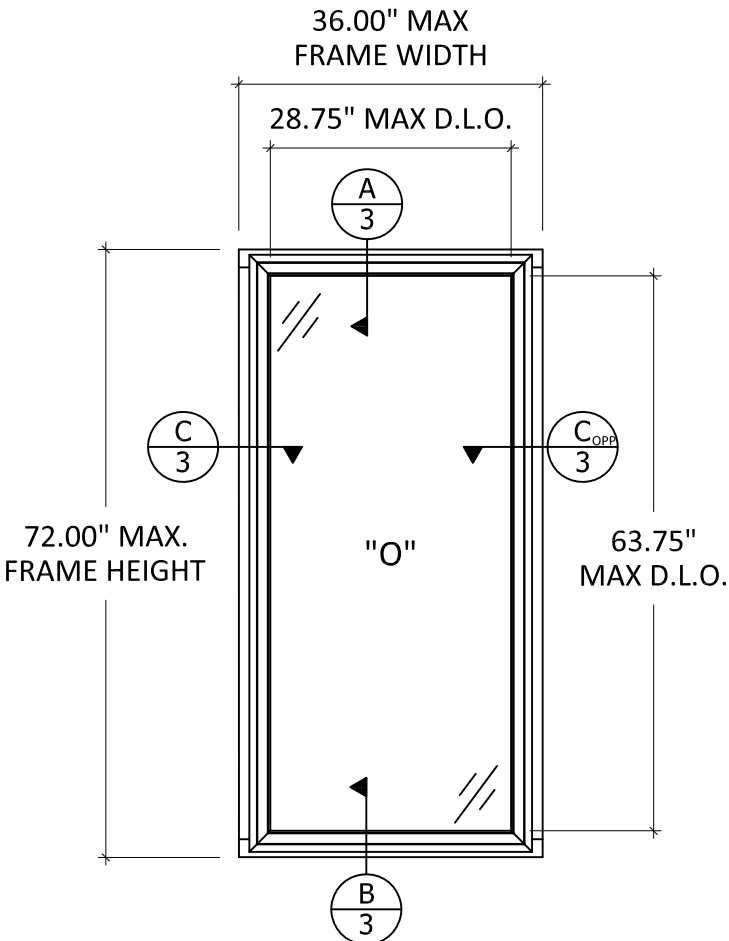
AIR MASTER AWNING, LLC

CONTINENTAL SERIES FIXED WINDOW

(HVHZ) (IMPACT)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), INCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
- TAS 201-94
 - TAS 202-94
 - TAS 203-94
 - ASTM E330-14
 - ASTM E1886-13a
 - ASTM E1996-17
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, STEEL, 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 IN NON-HVHZ AREAS. IN HVHZ AREAS, ONE TIME PRODUCT APPROVAL TO BE OBTAINED FROM MIAMI-DADE RER.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. WINDOW FRAME MATERIAL: ALUMINUM 6063-T5
7. DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM UNIT FRAMING SHALL BE PROTECTED IN ACCORDANCE WITH THE FBC.

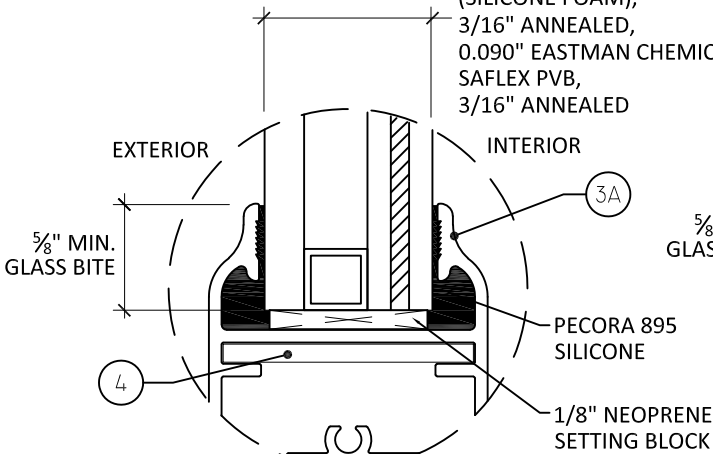


FIXED WINDOW ELEVATION

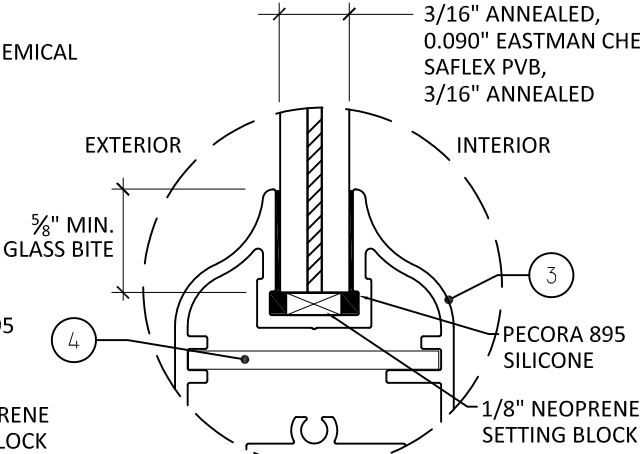
EXTERIOR VIEW

1 1/16" O.A. I.G. CONSISTING OF:
1/4" ANNEALED,
3/8" SUPER SPACER PREMIUM
(SILICONE FOAM),
3/16" ANNEALED,
0.090" EASTMAN CHEMICAL
SAFLEX PVB,
3/16" ANNEALED

7/16" LAMINATED GLASS
CONSISTING OF:
3/16" ANNEALED,
0.090" EASTMAN CHEMICAL
SAFLEX PVB,
3/16" ANNEALED



GLAZING DETAIL 1



GLAZING DETAIL 2

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	ELEVATION, GENERAL NOTES AND GLAZING DETAILS
2	ANCHOR LOCATIONS & INSTALLATION NOTES
3	HORIZONTAL AND VERTICAL SECTIONS
4	COMPONENTS & BOM

DESIGN PRESSURE RATING		
OVERALL SIZE	DESIGN PRESSURE	MISSILE IMPACT RATING
36" X 72"	+/- 70 PSF	LARGE MISSILE IMPACT

GLAZING NOTES:

- GLASS TYPE AND THICKNESS COMPLIES 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.

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TITLE:CONTINENTAL SERIES FIXED WINDOW
(HVHZ) (IMPACT)
ELEVATION, GENERAL NOTES,
AND GLAZING DETAILS

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AIR MASTER
windows and doors



REMARKS	BY	DATE
A. 7TH FBC UPDATE	MS	11.05.20

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Digitally signed by Hermes F. Norero
Reason: I am approving this document
Date: 2020.12.19 17:00:25 -0500



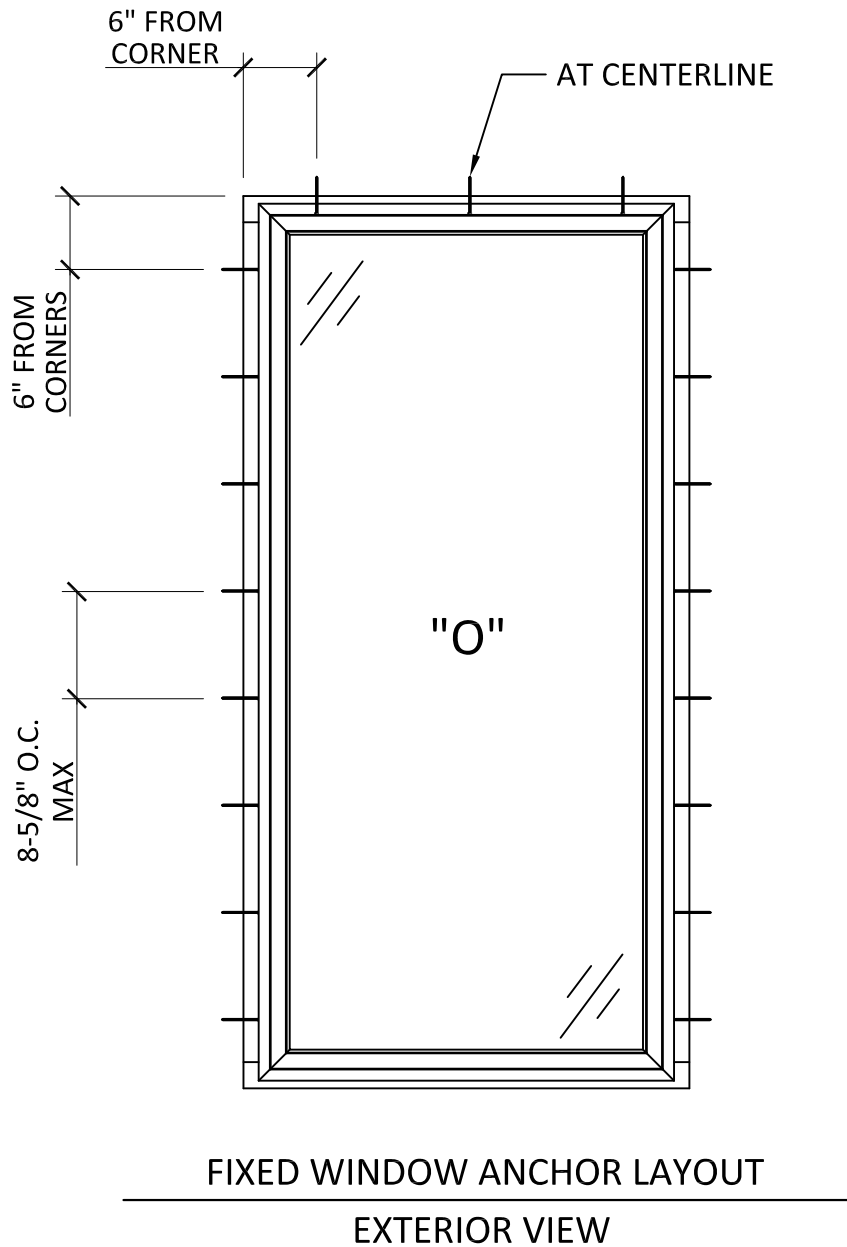
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SM	HFN
SCALE:	NTS
DWG. #:	AIR016
SHEET:	OF 4

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INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR FOR EACH ANCHOR LOCATION SHOWN.
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 $\pm 1/2$ 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. FOR INSTALLATION DIRECTLY INTO CONCRETE/MASONRY, USE 1/4 INCH DIAMETER ELCO ULTRACON OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT.
6. FOR INSTALLATION DIRECTLY INTO WOOD FRAME, USE #14 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT.
7. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
8. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
9. 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.
10. 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.
11. 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. GROUT-FILLED CMU- UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI AND GROUT CONFORMS TO ASTM C 476, MINIMUM GROUT COMPRESSIVE STRENGTH OF 2000 PSI.
 - D. HOLLOW BLOCK CMU - UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.

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TITLE: CONTINENTAL SERIES FIXED WINDOW
(HVHZ) (IMPACT)
ANCHOR LOCATIONS AND
INSTALLATION NOTES

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A. 7TH FBC UPDATE	MS	11.05.20

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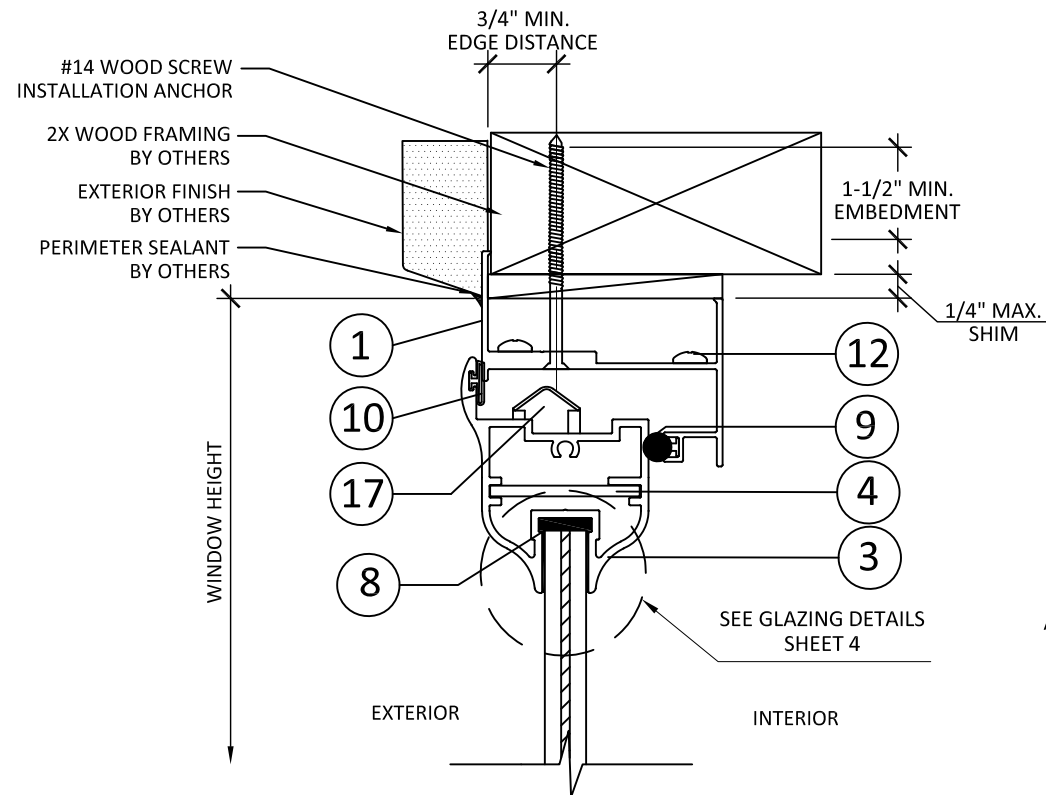


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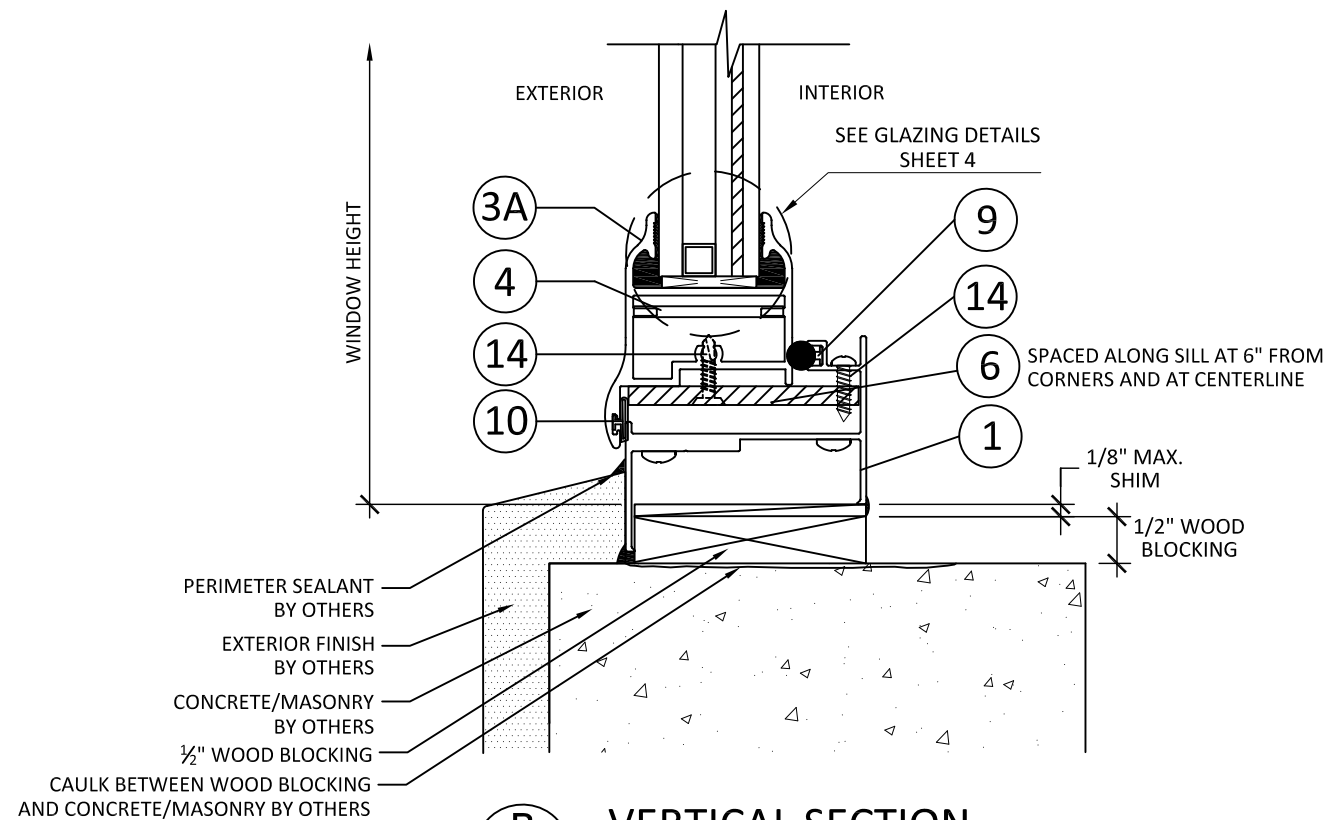
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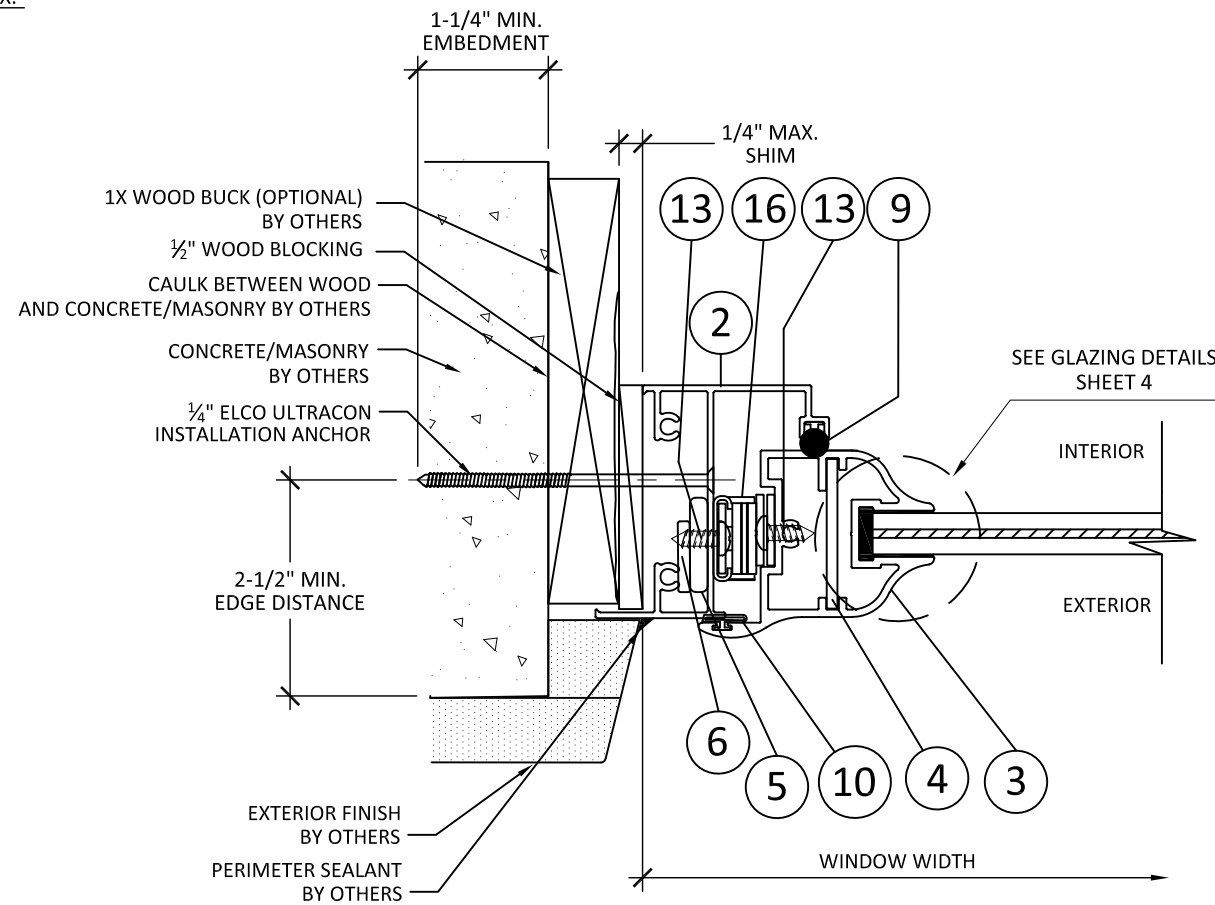
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A
3 VERTICAL SECTION
HEAD - 2X WOOD FRAME



B
3 VERTICAL SECTION
SILL - CONCRETE/MASONRY



C
3 HORIZONTAL SECTION
JAMB - CONCRETE/MASONRY
W/ OPTIONAL 1X BUCK

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VERTICAL AND HORIZONTAL
SECTIONS

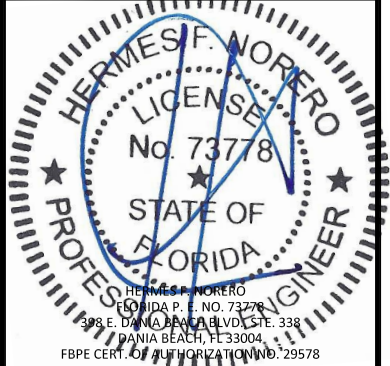
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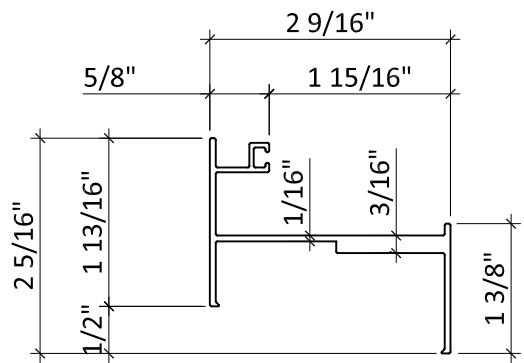
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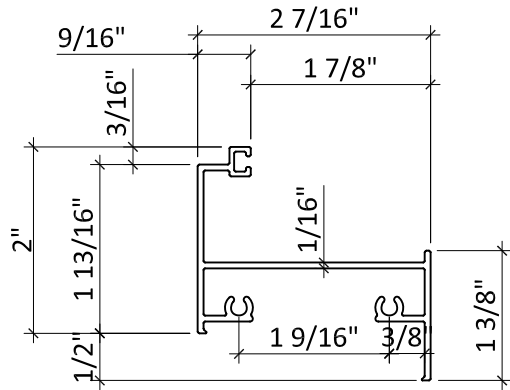
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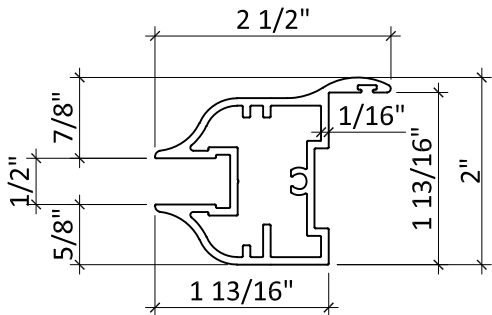
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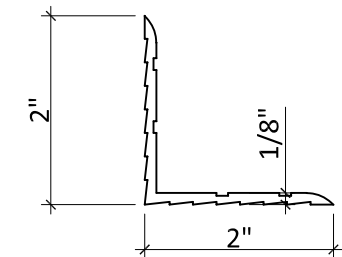
1 FRAME HEAD / SILL



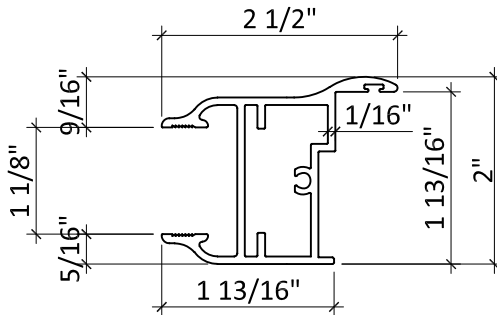
2 FRAME JAMB



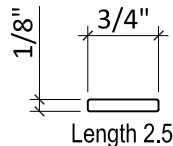
3 SASH PERIMETER 7/16" GLASS



4 CORNER LOCK



3A SASH PERIMETER 1 1/16" GLASS



5 TORQUE ARM

ASSEMBLY PARTS			
ITEM #	PART #	ITEM DESCRIPTION	MANUFACTURER / NOTES
PARTS & EXTRUSIONS			
1	76870	FRAME HEAD / SILL	FUNDICIONES INDUSTRIALES, S.A. /6063 T-5
2	76869	FRAME JAMB	FUNDICIONES INDUSTRIALES, S.A. /6063 T-5
3	76834	SASH PERIMETER 7/16" GLASS	GLOBAL HOLDEX / 6063 T-5
3A	76855	SASH PERIMETER 1 1/16" GLASS	GLOBAL HOLDEX / 6063 T-5
4	11080	CORNER LOCK	GLOBAL HOLDEX / 6063 T-5
5	53774	TORQUE ARM	GLOBAL HOLDEX / 6063 T-5
6	53775	TORQUE ARM M/G	GLOBAL HOLDEX / 6063 T-5
GLASS			
7		IMPACT GLASS 7/16 CLEAR ANNEALED (3/16 ANN - .090 SAFLEX - 3/16 ANN)	
		INSULATED GLASS 1 1/16" (1/4" ANN - 3/8" SUPER SPACER - 3/16 ANN - .090 SAFLEX - 3/16 ANN)	
SEALS & SEALANTS			
8		PECORA 895 NST	
9	32010	RUBBER WEATHERSTRIP WITH FOAM	
10	96980	PERIMETER FRAME VINYL	MSW-LLC
11	96900	RUBBER BUMPER BLACK 1"x1/4"x1/8"	DUROMETER 70 - 3PCS/SIDE/VENT
FASTENERS			
12	95543	SCR #10 x 1" PHI, P/H, S/S, T-A SMS	SAL'S HARDWARE DISTRIBUTOR
13	95607	SCR #10 x 1 1/2" PHI, P/H, S/S, T-A	LA CASA DE LOS TORNILLOS
14	94657	SCR #10-32 x 3/4" PHI, F/H, S/S, TECK	LA CASA DE LOS TORNILLOS
15	95536	SCR #10 x 3" PHI, F/H, S/S, T-A	LA CASA DE LOS TORNILLOS
HARDWARE			
16	43556	FOUR BAR HINGES WASHABILITY	DELTA INDUSTRIAL SYS

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COMPONENTS AND BILL OF MATERIALS

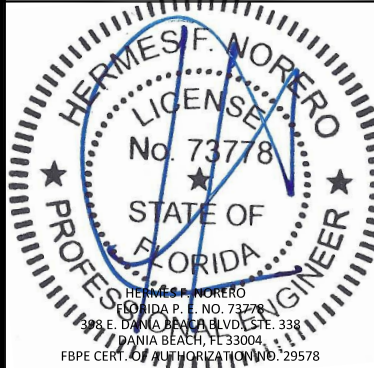
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