

MIDSOUTH GLASS COMPANY INC.

SERIES 2100TR-IM WINDOW W/ LOUVER (WZ3)(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 ±1/16 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 THROUGH 1X BUCK TO CONCRETE/MASONRY OR DIRECTLY INTO CONCRETE/MASONRY, USE 3/16 INCH ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT INTO CONCRETE/MASONRY. CONCRETE/MASONRY ANCHORS SHALL MAINTAIN A MIN. EDGE DISTANCE OF 2 1/2 IN.
6. FOR INSTALLATION INTO 2X WOOD BUCK OR FRAMING, USE ONE #10 WOOD SCREW, TYPE INSTALLATION ANCHOR PER LOCATION OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM 1 1/2" EMBEDMENT AND SHALL MAINTAIN A MIN. EDGE DISTANCE OF 3/4 IN.
7. FOR INSTALLATION INTO METAL STUD, USE ONE #10 SELF-DRILLING SCREW, TYPE INSTALLATION ANCHOR PER LOCATION OF SUFFICIENT LENGTH TO ACHIEVE MINIMUM PENETRATION OF 3 THREADS BEYOND METAL STRUCTURE AND SHALL MAINTAIN A MIN. EDGE DISTANCE OF 1/2 IN.
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 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.
- 12.INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

A. STEEL - MIN. TENSILE YIELD STRENGTH OF 33 KSI. MIN. 18 GAUGE THICKNESS (0.0478"). MIN 1/2" EDGE DISTANCE.

B. WOOD - MINIMUM SPECIFIC GRAVITY = 0.55

C. ALUMINUM - MIN. 6063-T5, MIN 1/8" WALL THICKNESS, MIN. 1/2" EDGE DISTANCE

D. CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.

E. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90

GENERAL NOTES:

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

• AAMA/WDMA/CSA 101/I.S.2/A440-11

• ASTM E1886-12

• ASTM E1996-12
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X WOOD FRAMING, OR METAL STUD 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 AREA.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONES 3 OR LESS ONLY.
6. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** IN WIND ZONE 4.
7. GLAZING SHALL COMPLY WITH LOAD RESISTANCE REQUIREMENTS PER ASTM E1300.
8. FRAME MATERIAL: *6063-T5 ALUMINUM UNLESS OTHERWISE NOTED.*
9. DESIGNATION "O" AND "L" STAND FOR THE FOLLOWING:

• O - FIXED

• L - LOUVER

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MAX. DESIGN PRESSURE RATING	
+/- 45.0 PSF	LARGE & SMALL MISSILE IMPACT RATED (WIND ZONE 3)

MIDSOUTH GLASS
COMPANY INC.

330 SOUTH PARKWAY WEST
MEMPHIS, TN 38109
PH: (901) 947-4146

TITLE: **SERIES 2100TR-IM
WINDOW W/ LOUVER
(WZ3)(IMPACT)**
INSTALLATION AND
GENERAL NOTES

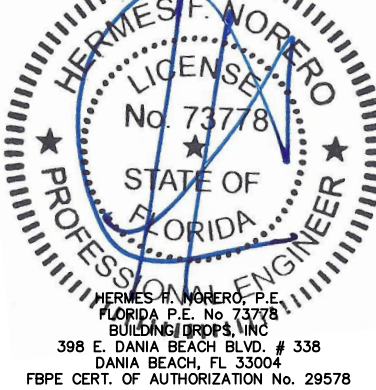
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 999-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



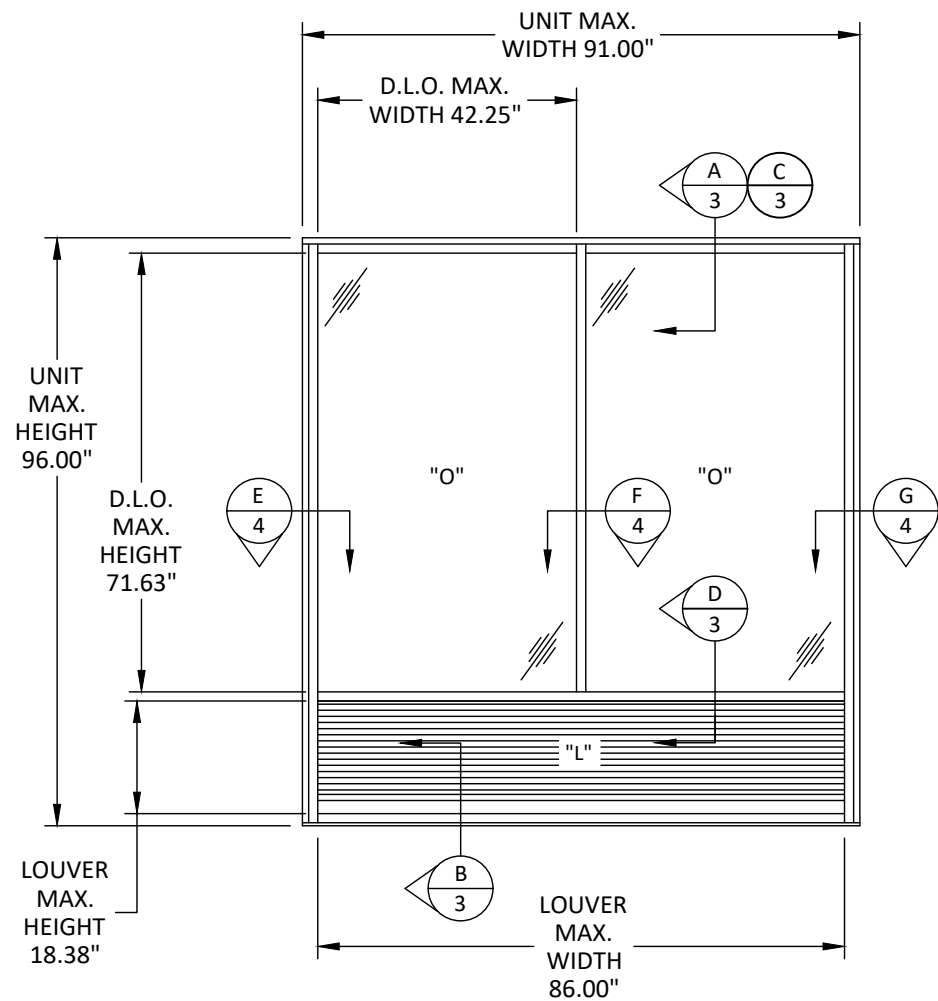
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FBC 5TH EDITION REV.	AM	10/16
FBC 7TH EDITION REV.	LL	11/20

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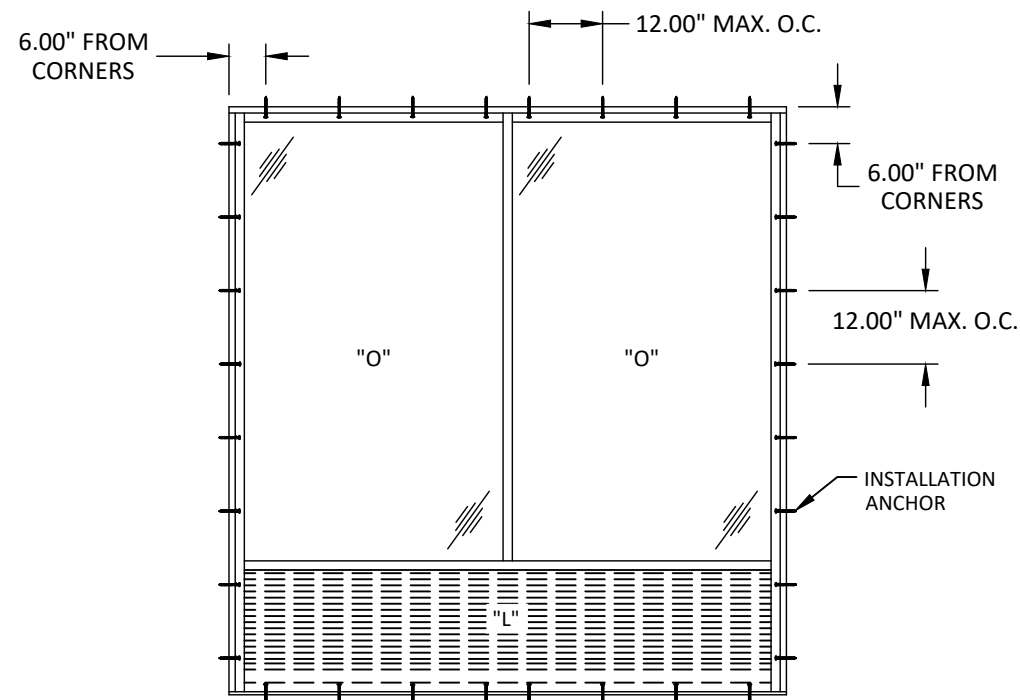
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FL #:		FL9351	
DATE:		12.19.12	
DWG. BY:	MTJ	CHK. BY:	HFN
SCALE:		NTS	
DWG. #:		MSG001	
SECTION		1 OF 5	



EXTERIOR ELEVATION
WITH LOUVER



ANCHOR LAYOUT
WITH LOUVER

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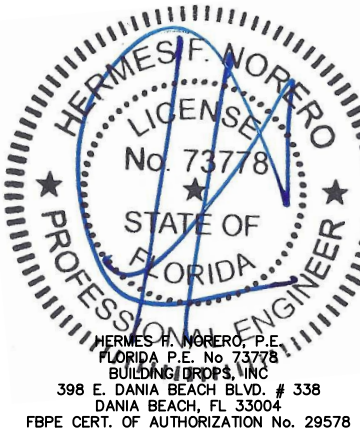
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ELEVATION &
ANCHOR LAYOUTS

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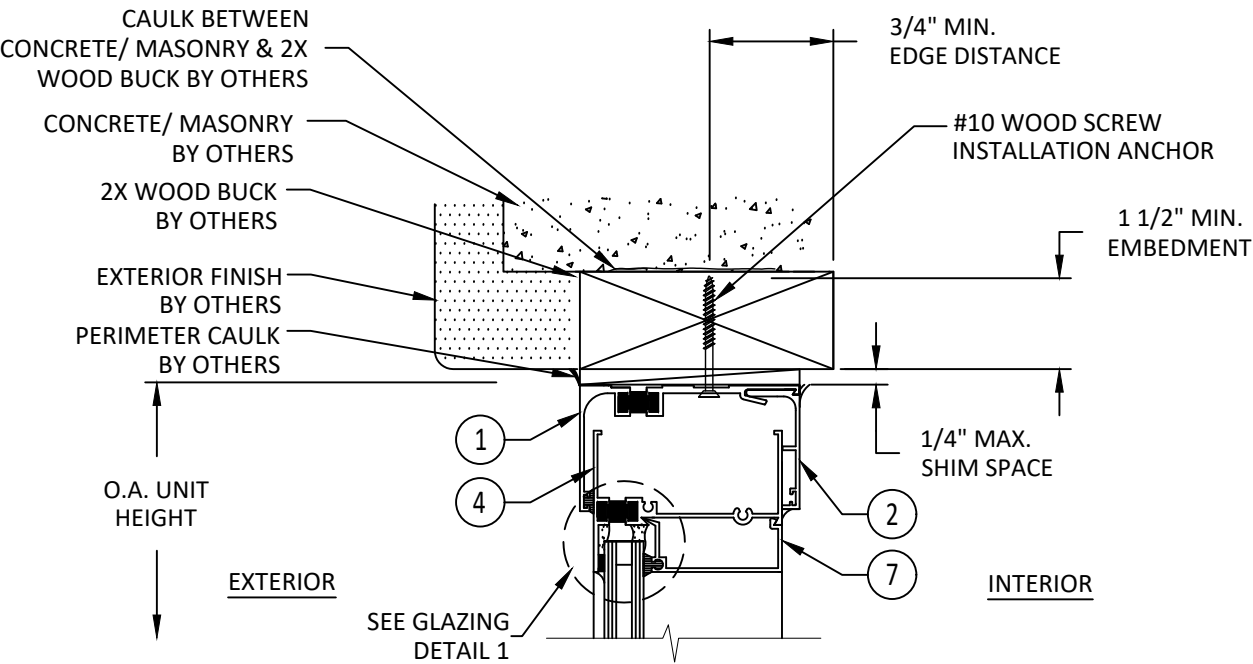
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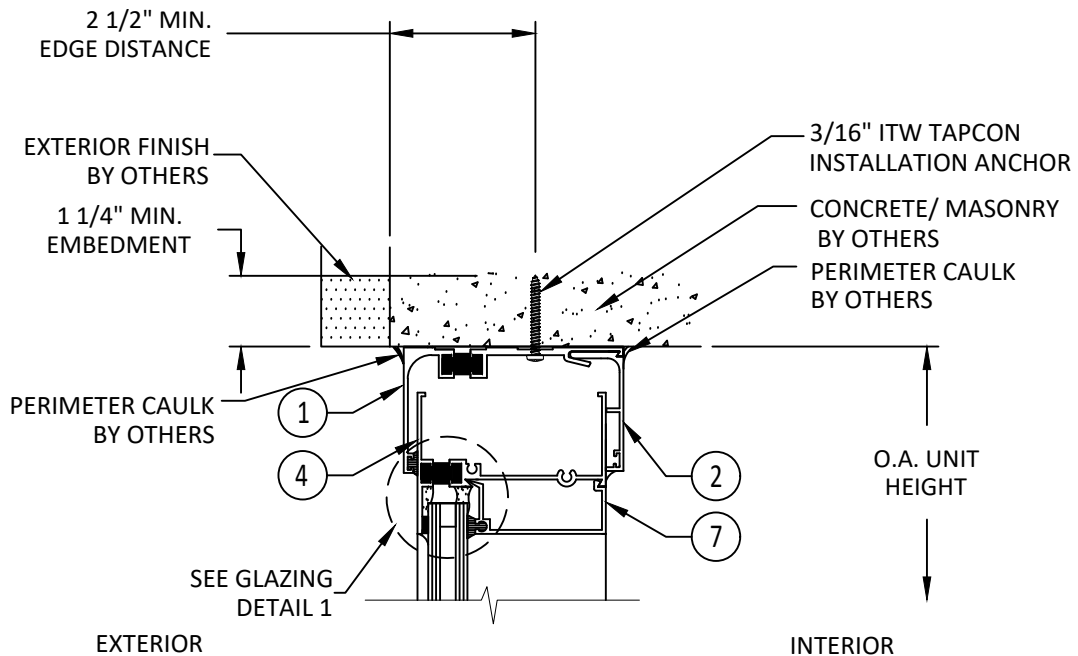
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SECTION
2
OF 5

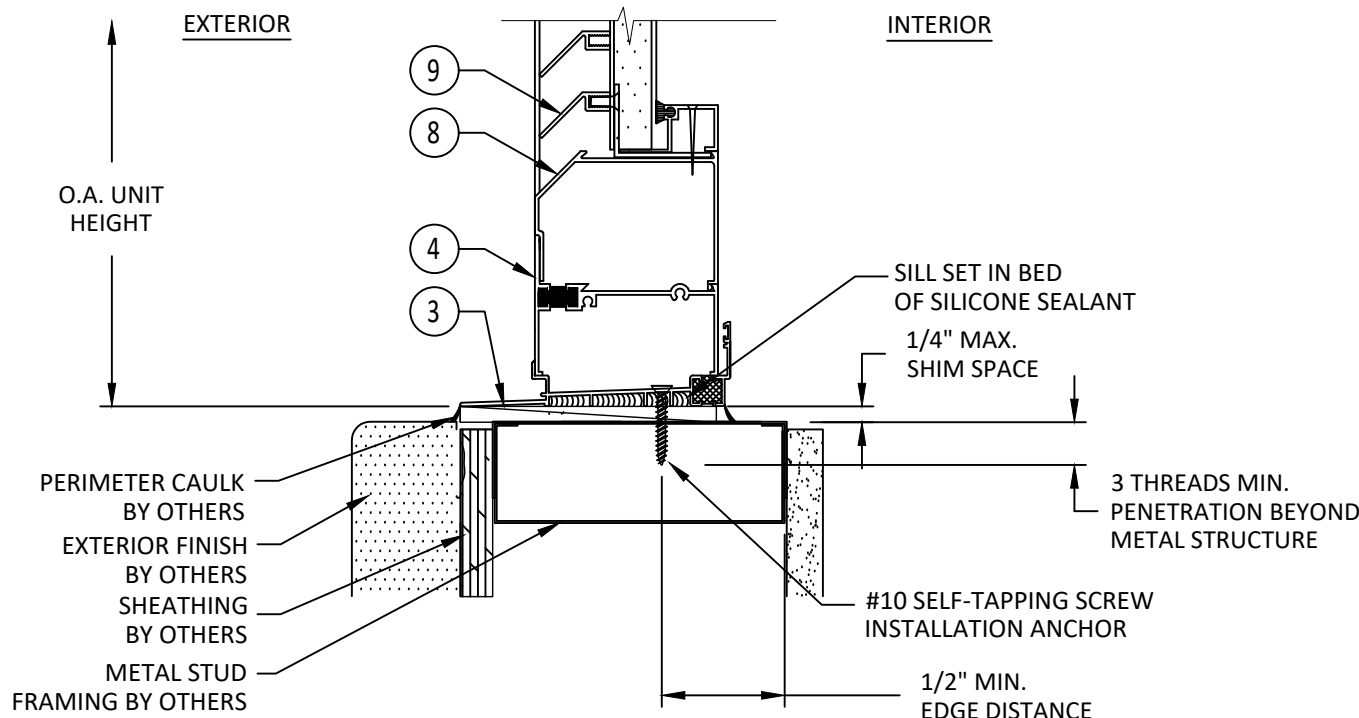
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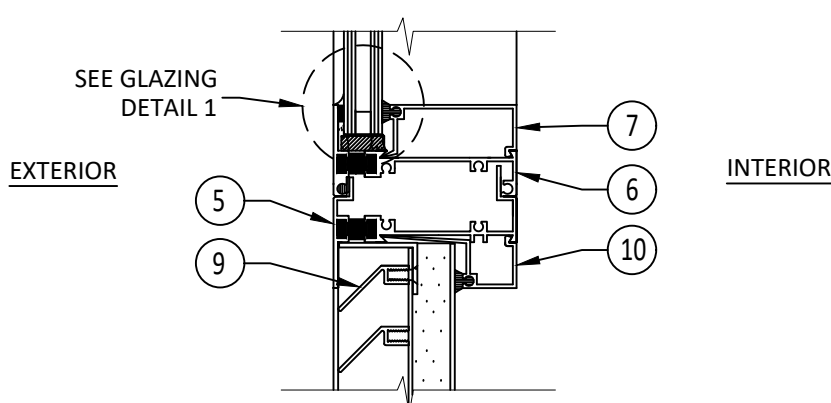
A
3 **VERTICAL SECTION**
HEAD - 2X WOOD BUCK



C
3 **VERTICAL SECTION**
HEAD - CONCRETE/MASONRY



B
3 **VERTICAL SECTION**
SILL - METAL STUD



D
3 **VERTICAL SECTION**
MULLION WINDOW/LOUVER

**MIDSOUTH GLASS
COMPANY INC.**

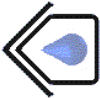
330 SOUTH PARKWAY WEST
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TITLE: **SERIES 2100TR-IM
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(WZ3) (IMPACT)**

VERTICAL SECTIONS

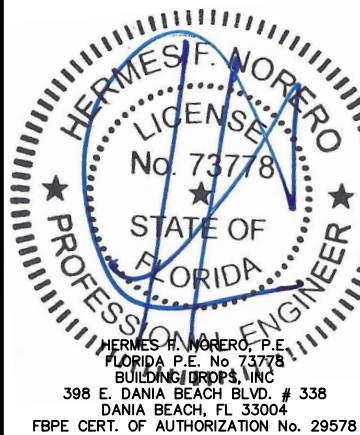
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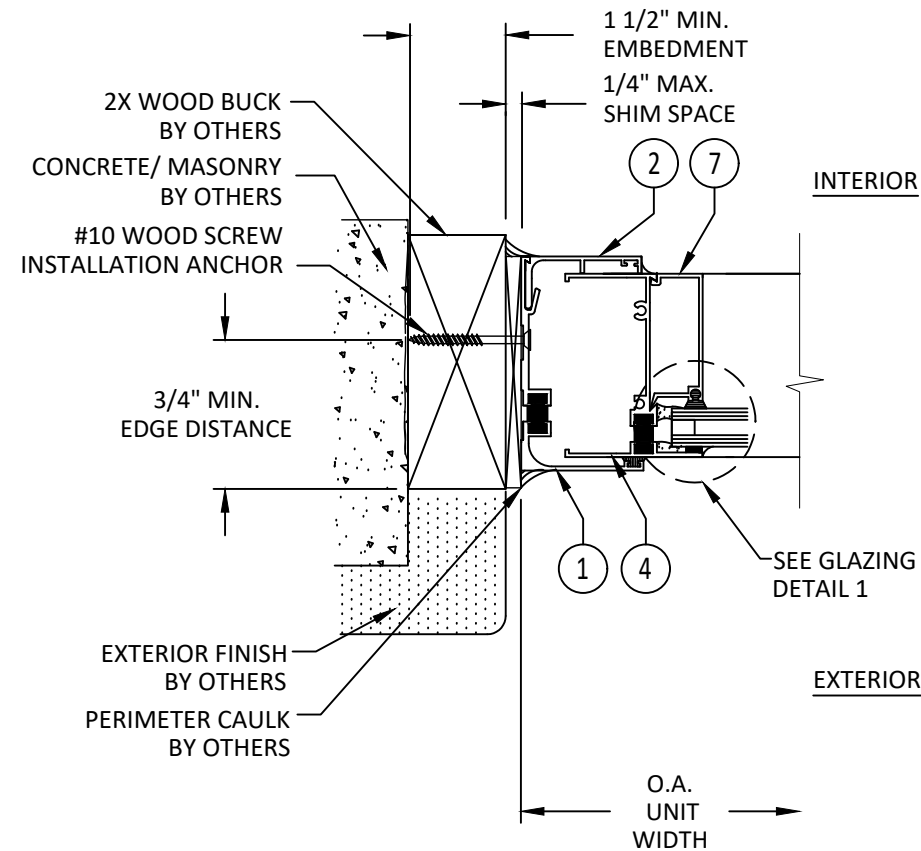
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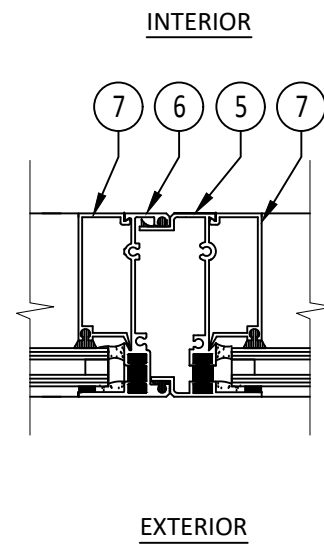


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CHK. BY:	HFN
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SECTION	3

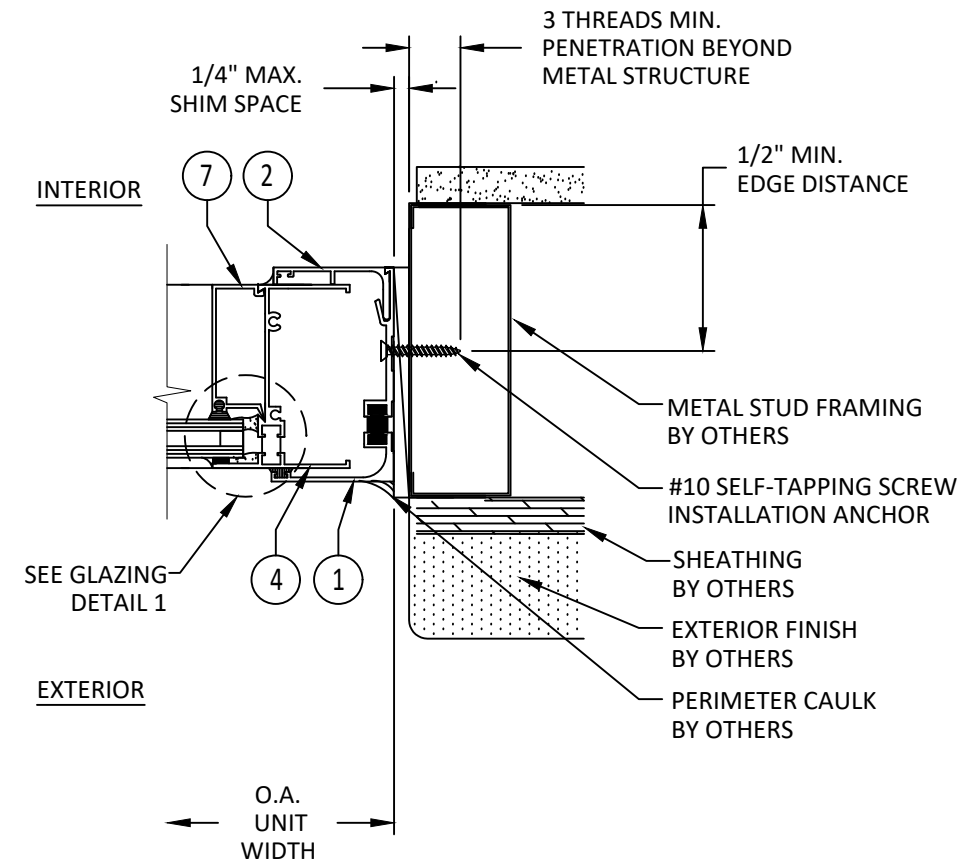
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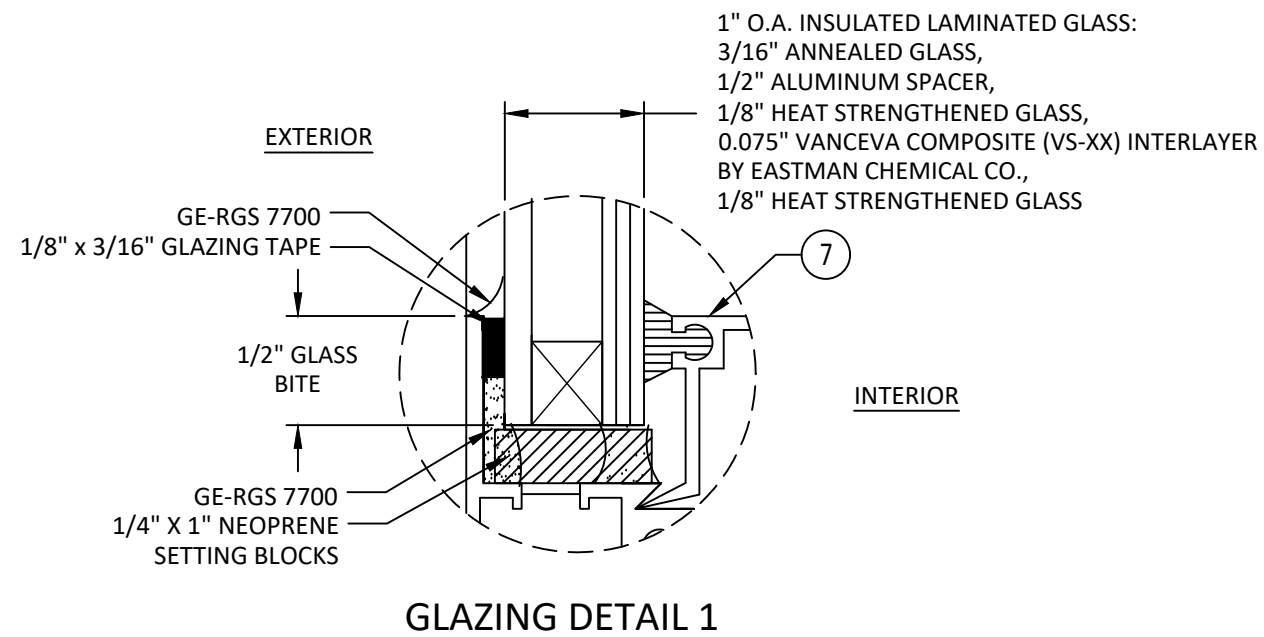
E
4 **HORIZONTAL SECTION**
JAMB - 2X WOOD BUCK



F
4 **HORIZONTAL SECTION**
MULLION



G
4 **HORIZONTAL SECTION**
JAMB - METAL STUD



GLAZING DETAIL 1

**MIDSOUTH GLASS
COMPANY INC.**

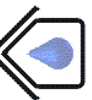
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HORIZONTAL SECTIONS
& GLAZING DETAILS

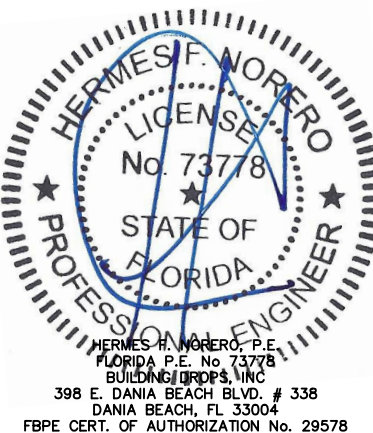
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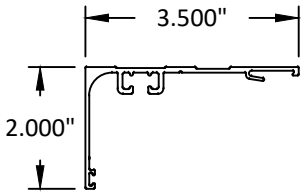
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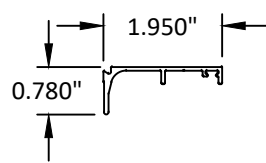
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DWG. BY:	MTJ	CHK. BY:	HFN
SCALE:		NTS	
DWG. #:		MSG001	
SECTION			

BILL OF MATERIALS				
ITEM#	DESCRIPTION	MATERIAL	MSG PART NO.	MANUFACTURER
1	RECEPTOR	ALUMINUM 6063-T5	MSG-8818T	MIDSOUTH GLASS CO.
2	SUBFRAME STOP	ALUMINUM 6063-T5	MSG-8819	MIDSOUTH GLASS CO.
3	SUBSILL	ALUMINUM 6063-T5	MSG-8811T	MIDSOUTH GLASS CO.
4	HEAD, SILL, JAMB	ALUMINUM 6063-T5	MSG-2106T	MIDSOUTH GLASS CO.
5	VERTICAL HALF MALE	ALUMINUM 6063-T5	MSG-2102T	MIDSOUTH GLASS CO.
6	VERTICAL HALF FEMALE	ALUMINUM 6063-T5	MSG-2104T	MIDSOUTH GLASS CO.
7	GLASS STOP - SNAP ON	ALUMINUM 6063-T5	MSG-5523	MIDSOUTH GLASS CO.
8	LOWER AC ADAPTER	ALUMINUM 6063-T5	MSG-66142	MIDSOUTH GLASS CO.
9	LOUVER BLADE	ALUMINUM 6063-T5	MSG-6653	MIDSOUTH GLASS CO.
10	LOUVER STOP	ALUMINUM 6063-T5	MSG-5522	MIDSOUTH GLASS CO.

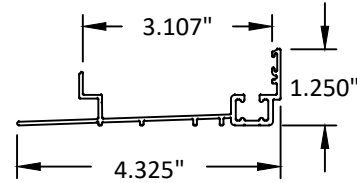
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6063-T5 ALUMINUM
TYPICAL WALL
THICKNESS: 0.062"



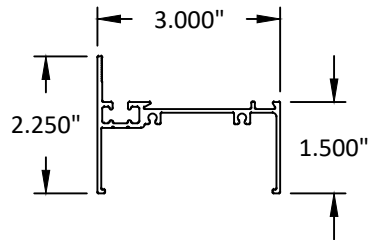
2 SUBFRAME STOP
6063-T5 ALUMINUM
TYPICAL WALL
THICKNESS: 0.062"



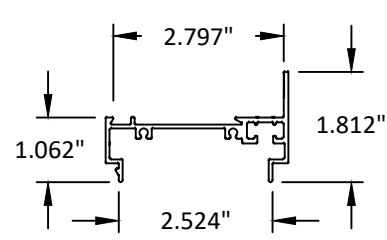
3 SUBSILL
6063-T5 ALUMINUM
TYPICAL WALL
THICKNESS: 0.062"



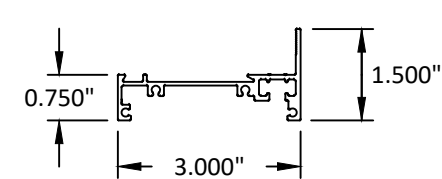
4 HEAD, SILL, JAMB
6063-T5 ALUMINUM
TYPICAL WALL
THICKNESS: 0.062"



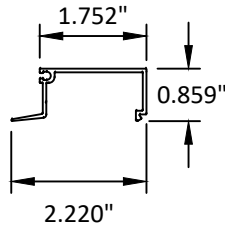
5 VERT. HALF MALE
6063-T5 ALUMINUM
TYPICAL WALL
THICKNESS: 0.062"



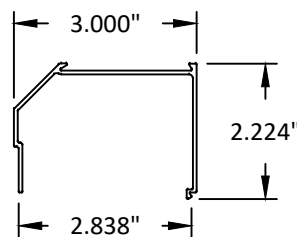
6 VERT. HALF FEMALE
6063-T5 ALUMINUM
TYPICAL WALL
THICKNESS: 0.062"



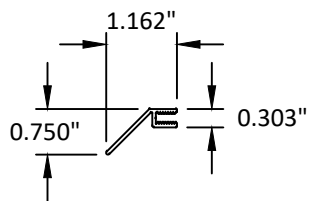
7 GLASS STOP
6063-T5 ALUMINUM
TYPICAL WALL
THICKNESS: 0.062"



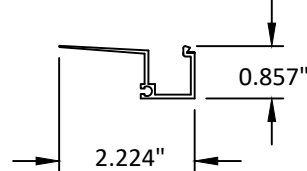
8 LOWER AC ADAPTER
6063-T5 ALUMINUM
TYPICAL WALL
THICKNESS: 0.062"



9 LOUVER BLADE
6063-T5 ALUMINUM
TYPICAL WALL
THICKNESS: 0.058"



10 LOUVER STOP
6063-T5 ALUMINUM
TYPICAL WALL
THICKNESS: 0.058"



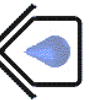
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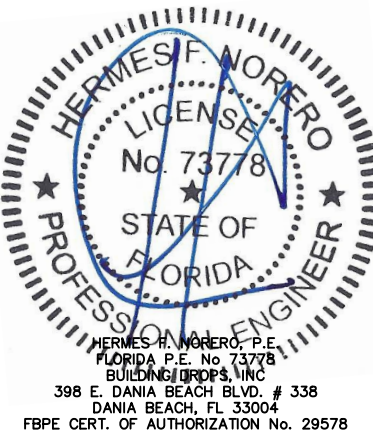
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