

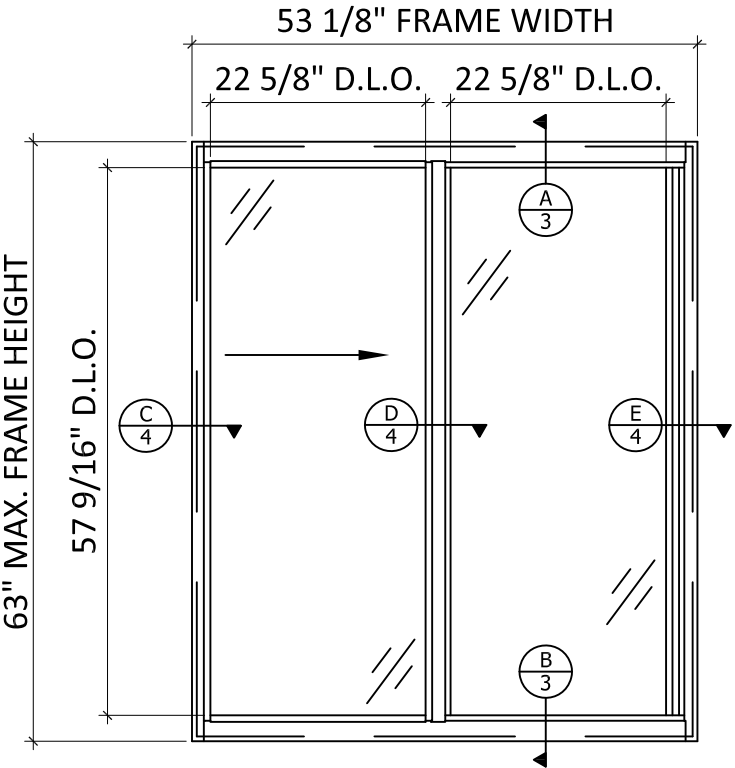
AIR MASTER WINDOWS AND DOORS

ROLLING WINDOW WITH MONOLITHIC GLASS

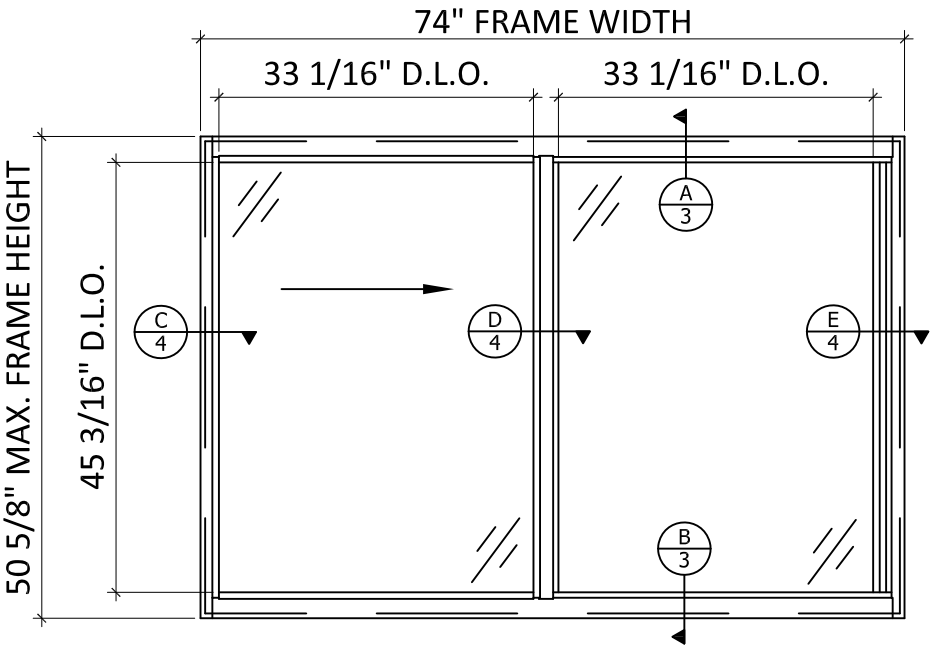
(HVHZ) (IMPACT)

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
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.
8. GLASS MEETS THE REQUIREMENTS OF ASTM E1300.

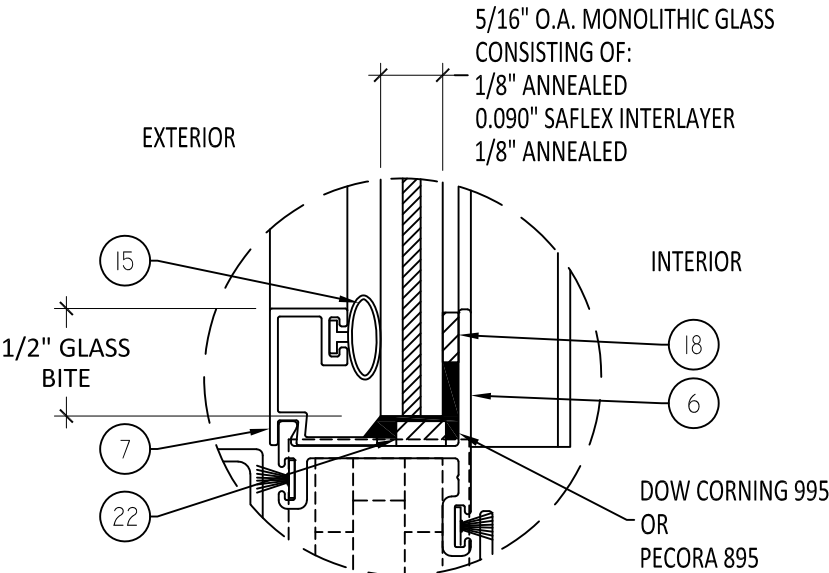


ROLLING WINDOW WITH MONOLITHIC GLASS
EXTERIOR ELEVATION VIEW



ROLLING WINDOW WITH MONOLITHIC GLASS
EXTERIOR ELEVATION VIEW

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4	HORIZONTAL SECTIONS
5	COMPONENTS AND BILL OF MATERIALS



GLAZING DETAIL

DESIGN PRESSURE RATING		
OVERALL SIZE	DESIGN PRESSURE	MISSILE IMPACT RATING
74" X 50 5/8"	+/- 70.0 PSF	LARGE MISSILE IMPACT
53 1/8" X 63"	+/- 60.0 PSF	

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TITLE: AIR MASTER ROLLING WINDOW
WITH MONOLITHIC GLASS
(HVHZ) (IMPACT)
ELEVATIONS, GENERAL NOTES AND GLAZING
DETAIL

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windows and doors



REMARKS	BY	DATE

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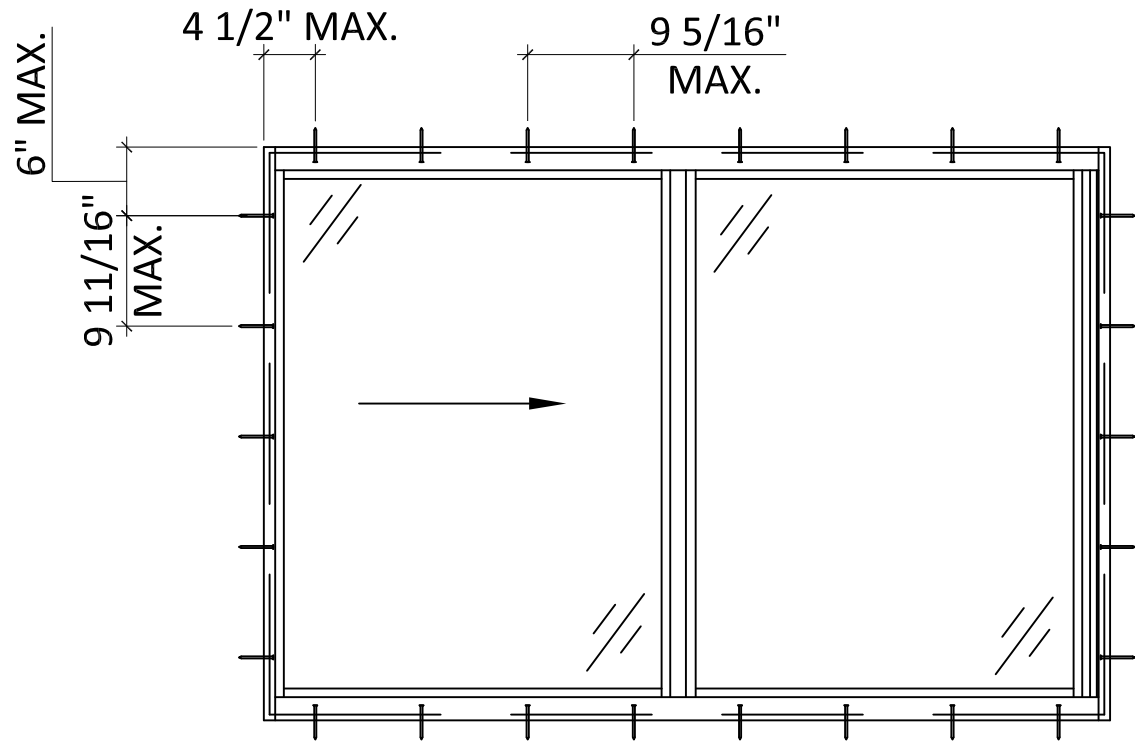
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SCALE: NTS

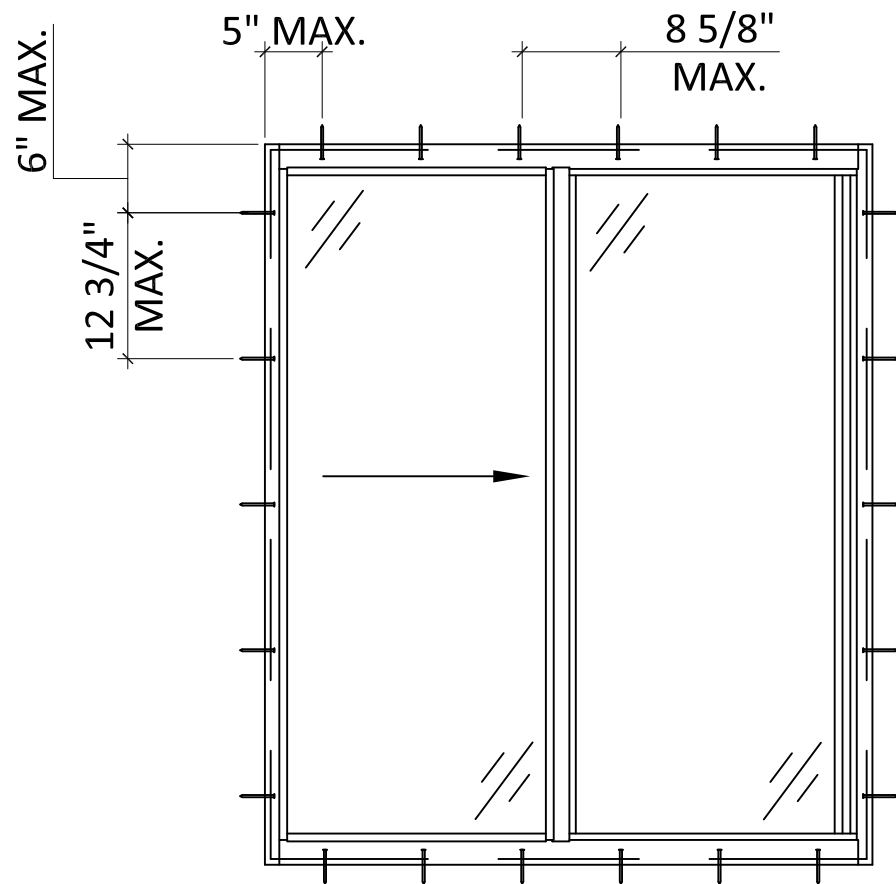
DWG. #: AIR010

SHEET: OF 5

1



74" X 50 5/8" ROLLING WINDOW WITH MONOLITHIC GLASS
EXTERIOR VIEW



53 1/8" X 63" ROLLING WINDOW WITH MONOLITHIC GLASS
EXTERIOR VIEW

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR FOR EACH ANCHOR LOCATION SHOWN.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- 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.
- 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.
- FOR INSTALLATION DIRECTLY INTO CONCRETE OR MASONRY, USE 1/4" INCH DIAMETER ELCO ULTRACONS OF SUFFICIENT LENGTH TO ACHIEVE 1-1/2" INCH MINIMUM EMBEDMENT.
- FOR INSTALLATION DIRECTLY INTO WOOD FRAME, USE #12 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT.
- 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.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55
 - CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI
 - 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
 - HOLLOW BLOCK CMU - UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI

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(HVHZ) (IMPACT)
ANCHOR LOCATIONS

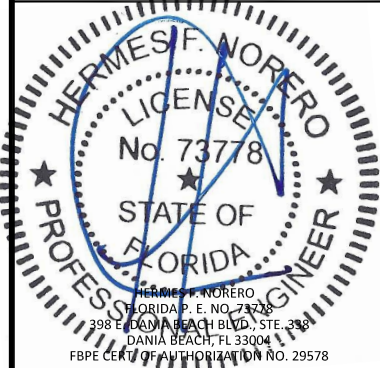
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REMARKS	BY	DATE

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SM

CHK. BY:
HFN

SCALE: **NTS**

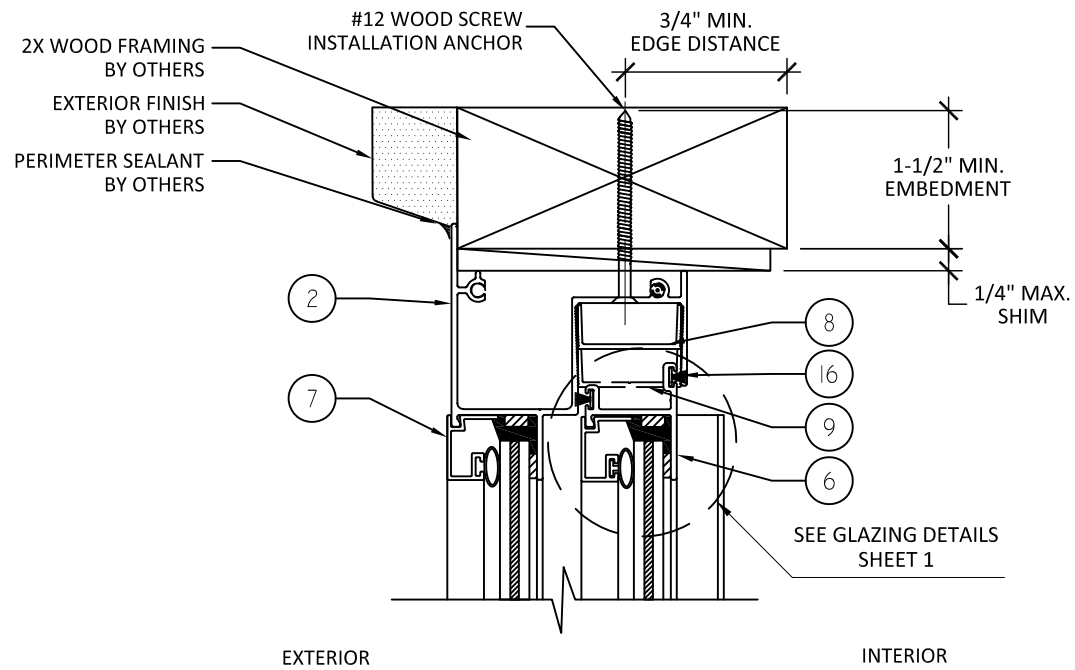
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SHEET: OF 5

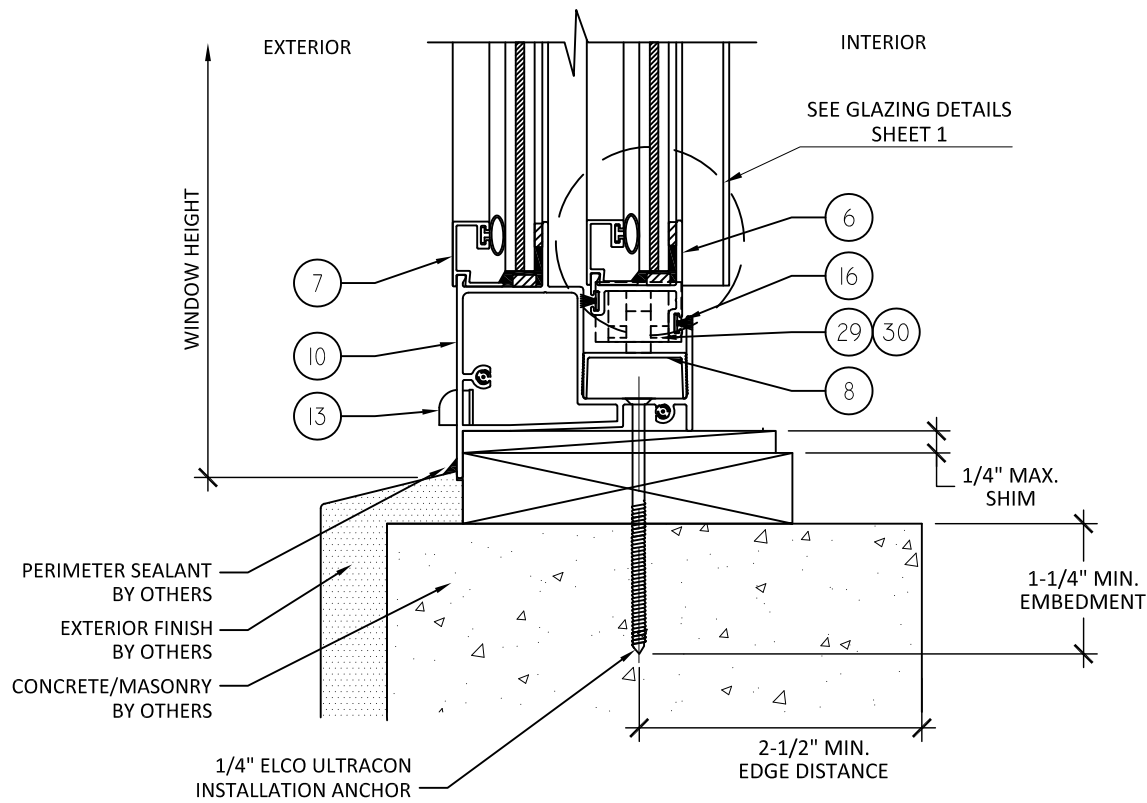
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A
3 VERTICAL SECTION
HEAD - 2X WOOD FRAME



B
3 VERTICAL SECTION
SILL - CONCRETE/MASONRY

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VERTICAL SECTIONS

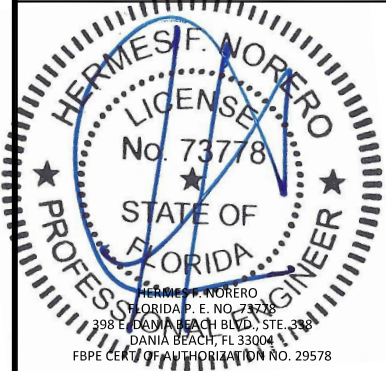
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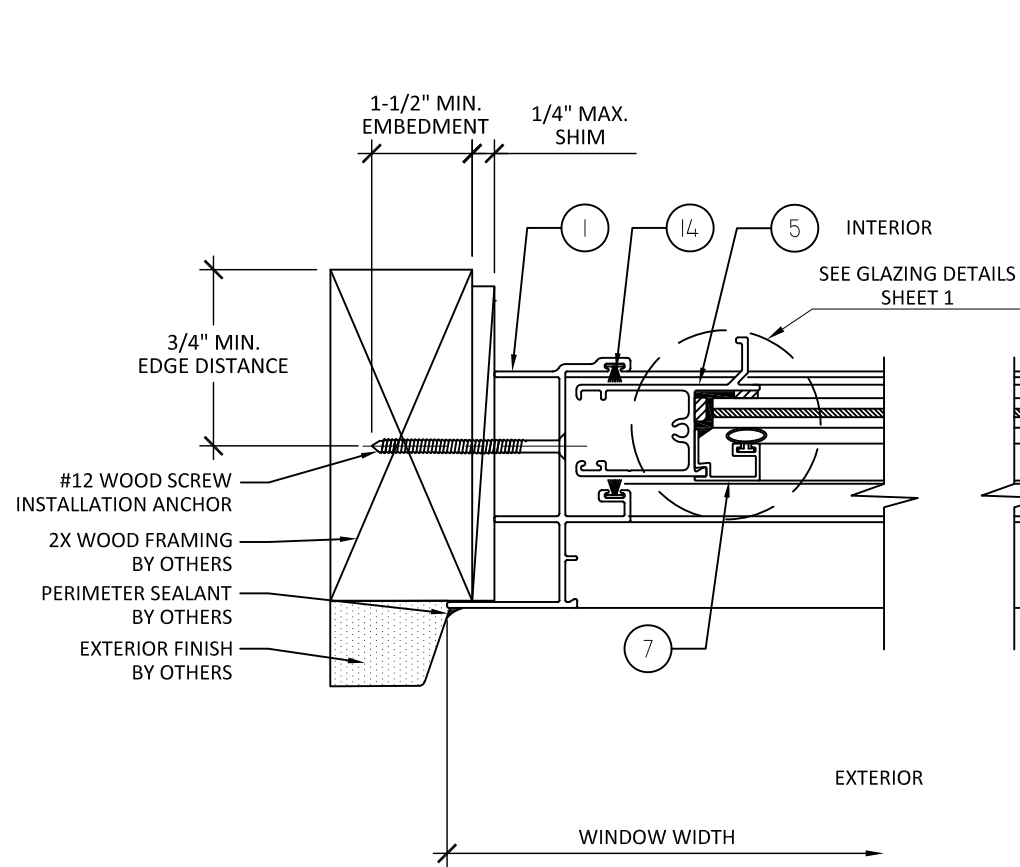
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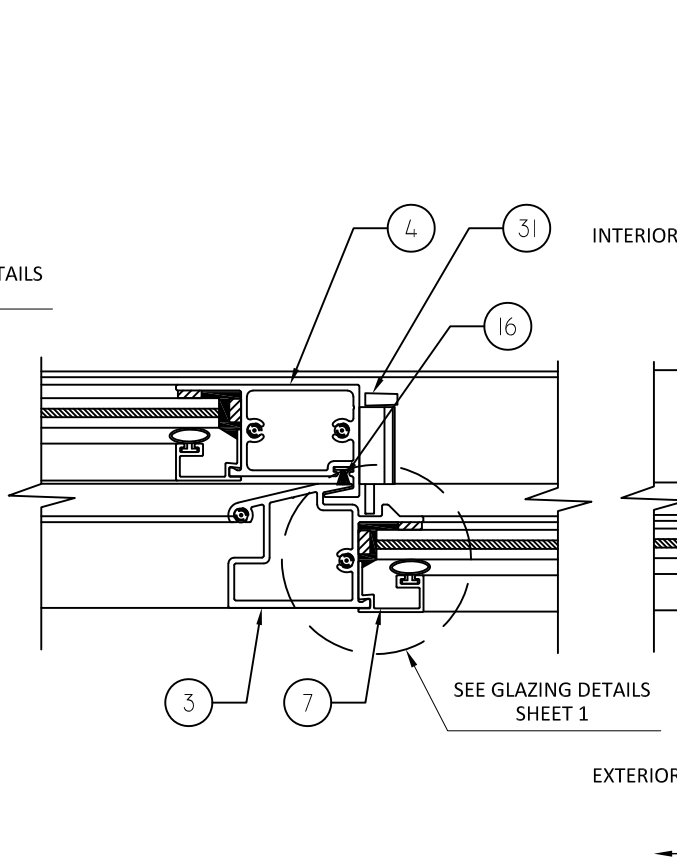
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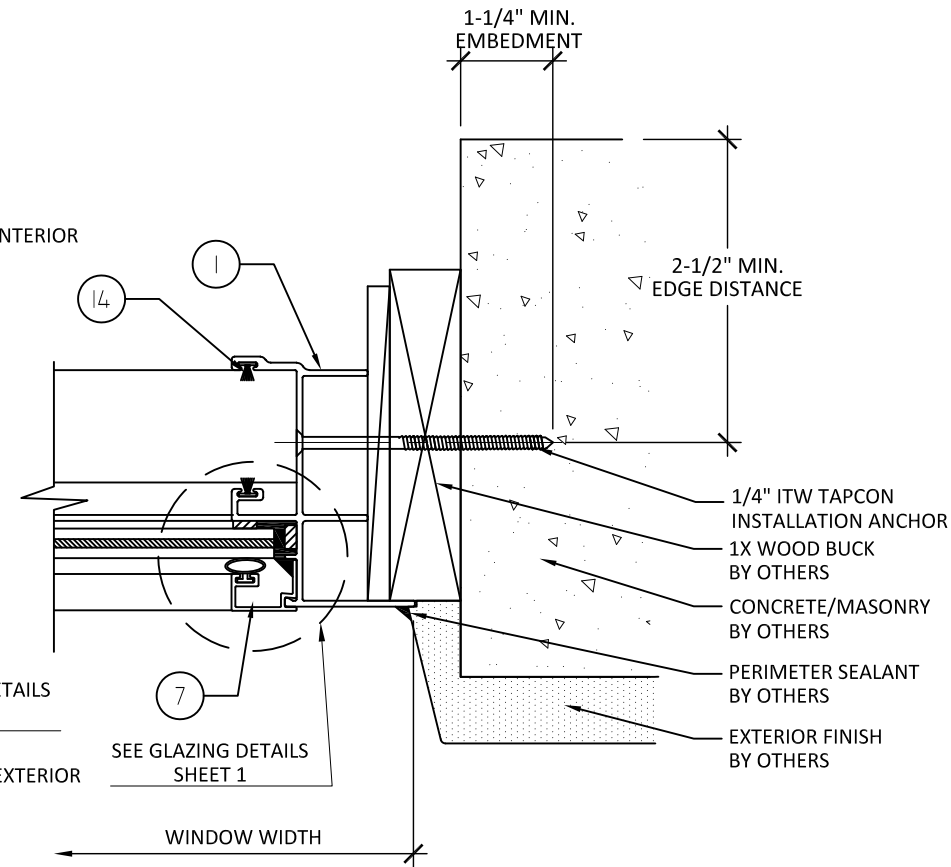
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C
4 HORIZONTAL SECTION
JAMB - 2X WOOD FRAME



D
4 HORIZONTAL SECTION
INTERLOCK



E
4 HORIZONTAL SECTION
JAMB - CONCRETE/MASONRY

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HORIZONTAL SECTIONS

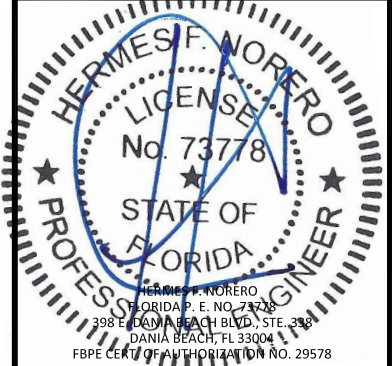
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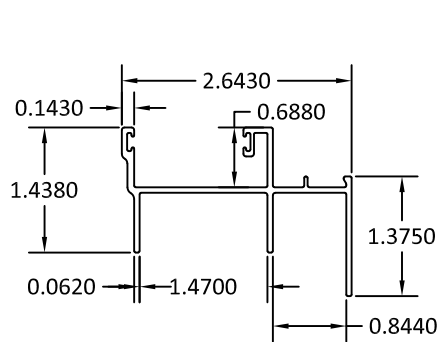
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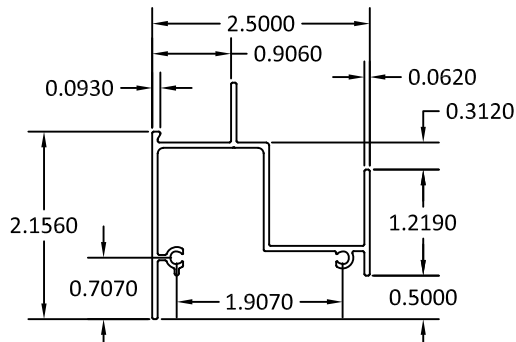
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SHEET: **4** OF 5

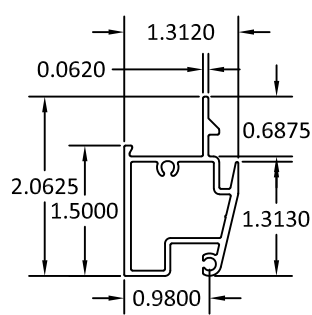
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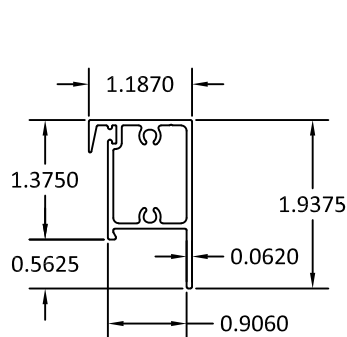
1 FRAME JAMBS



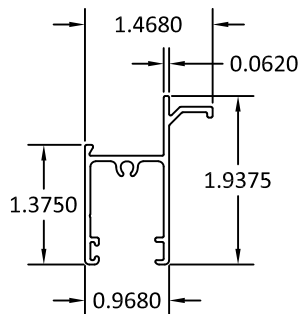
2 FRAME TOP



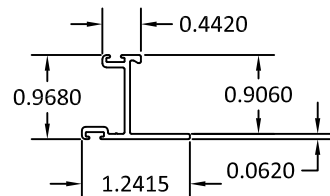
3 FIXED MEET RAIL



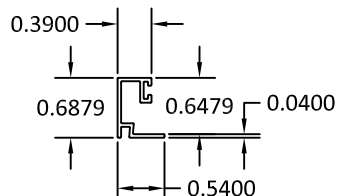
4 VENT TOP



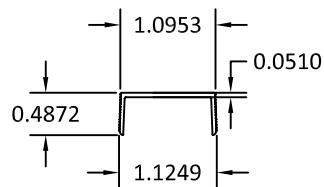
5 VENT BOTTOM



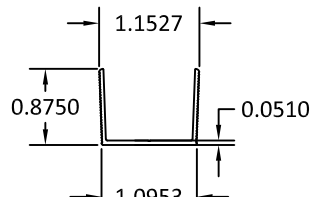
6 VENT JAMB



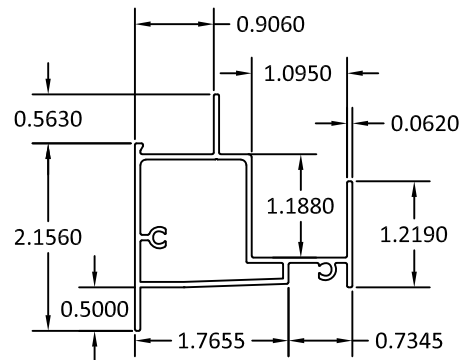
7 SNAP GLAZING



8 ROLLER WHEEL ADAPTER



9 VENT STOP



10 BOTTOM SILL

ITEM #	PART #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS & EXTRUSIONS			
1	22813	FRAME JAMBS W/FLANGE	GLOBAL HOLDEX / 6063-T5
2	22022	FRAME TOP W/FLANGE	GLOBAL HOLDEX / 6063-T5
3	22019	FIXED MEETING RAIL	GLOBAL HOLDEX / 6063-T5
4	22023	VENT TOP	GLOBAL HOLDEX / 6063-T5
5	22024	VENT BOTTOM	GLOBAL HOLDEX / 6063-T5
6	22025	VENT JAMB	GLOBAL HOLDEX / 6063-T5
7	22250	GLASS SNAP GLAZING	GLOBAL HOLDEX / 6063-T5
8	22803	ROLLER WHEELS ADAPTER	GLOBAL HOLDEX / 6063-T5
9	22012	VENT STOP	GLOBAL HOLDEX / 6063-T5
10	22811	BOTTOM SILL	GLOBAL HOLDEX / 6063-T5
GLASS			
12		5/16 IMPACT GLASS - 1/8 annealed - .090 Saflex - 1/8 annealed	
SEALS & SEALANTS			
13	53601	WEEP HOLES COVER	SLL PLASTIC
14	22438	WEATHERSTRIP	ULTRAFAB
15	96936	GOMA FP-448 BLACK	SOUTHERN PLASTICS
16	96817	WEATHERSTRIP #1220 VENT JAMB	ULTRAFAB
17	53580	DOW CORNING 995 STRUCTURAL SILICONE OR PECORA 895 STRUCTURAL SILICONE	CARIBBEAN SALES AGENCY
18	96707	DOUBLE SIDED TAPE 1/4" WIDE	3M
22	96900	RUBBER BUMPER BLACK	H-O PRODUCTS CORPORATION
FASTENERS			
23	95499	SCR 8*3/4 PHI P/H SS T-A	LA CASA DE LOS TORNILLOS
24	94657	10-32 3/4" PHI F/H S/S TECK	LA CASA DE LOS TORNILLOS
25			
26			
27			
28			
HARDWARE			
29	99640	SASH ROLLERS	DELTA INDUSTRIAL
30	10696	CAM SASH BUSHING	MASTER TOOL CO.
31	10698	SASH LOCK	SULLIVAN & ASSOCIATES

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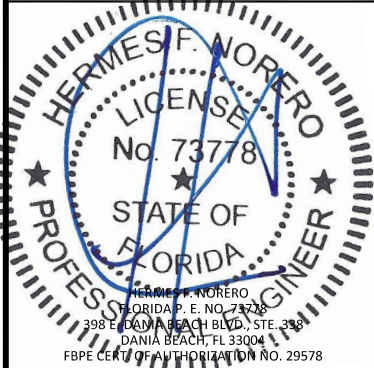
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