

SUNSET WINDOWS & DOORS

SERIES V-750 VINYL PICTURE WINDOW

NON-IMPACT

GENERAL NOTES:

1. THIS PRODUCT HAS BEEN EVALUATED TO COMPLY WITH THE CURRENT PROVISIONS OF THE FLORIDA BUILDING CODE (FBC) EXCLUDING THE HIGH VELOCITY HURRICANE ZONES (HVHZ) AND IS BASED ON TESTING CONDUCTED TO AAMA/WDMA/CSA 101/I.S.2/A440-11 DOCUMENTED IN TEST REPORT NO'S. NCTL-210-4130-06.
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 BUCK OVER MASONRY AND/OR CONCRETE IS OPTIONAL. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
4. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF THE INSTALLATION METHODS DEViate FROM THESE APPROVED DETAILS THIS WOULD REQUIRE FURTHER INVESTIGATION BY A LICENSED OR REGISTERED DESIGN PROFESSIONAL.
5. ALL SETTING BLOCKS AND GASKET MATERIALS SHALL BE IN COMPLIANCE WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE. SETTING BLOCKS SHALL BE NEOPRENE WITH A 70 TO 90 SHORE A DUROMETER.
6. IN AREAS WHERE WINDBORNE DEBRIS PROTECTION REQUIREMENTS EXIST, USE OF AN IMPACT PROTECTIVE SYSTEM COMPLYING WITH THE FBC REQUIREMENTS FOR WINDBORNE DEBRIS REGIONS SHALL BE AS FOLLOWS:

6.1. THE NON-IMPACT GLAZED PRODUCT REQUIRES THE USE OF AN IMPACT PROTECTION DEVICE IF USED IN A WINDBORNE DEBRIS REGION.
7. MATERIALS:

7.1. FRAME: VINYL / RIGID PVC

7.2. REINFORCEMENTS: GALVANIZED STEEL, 0.95" x 0.99" CHANNEL WITH 0.05" THICKNESS, LOCATED IN ALL FRAME LOCATIONS.
8. GLAZING:

8.1. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-12AE1.

8.2. SEE GLAZING DETAILS ON SHEET 5 OF 5.

8.3. GLASS SHALL MEET SAFETY GLAZING REQUIREMENTS PER CURRENT EDITION OF THE FLORIDA BUILDING CODE.
9. PANEL OPERABILITY DESIGNATIONS:

9.1. WINDOW IS AN INOPERABLE (FIXED) PANEL.

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ANCHOR NOTES:

1. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH A LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
2. FOR ANCHORING THROUGH FRAME INTO MASONRY/CONCRETE USE 1/4" ITW ADVANCED THREADFORM TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE THE FOLLOWING:

2.1. CONCRETE: 1-1/2" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 1-1/2" MINIMUM EDGE DISTANCE.

2.2. CMU/MASONRY: 1" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2" MINIMUM EDGE DISTANCE.
3. ANCHORING INTO WOOD SHALL BE AS FOLLOWS:

3.1. FOR ANCHORING THROUGH FRAME INTO WOOD FRAMING OR 2X BUCK USE #14 WOOD SCREWS PER (ANSI B18.6.1) WITH MINIMUM GRADE 2 STRENGTH AND WITH SUFFICIENT LENGTH TO ACHIEVE 1-1/2" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 1" MINIMUM EDGE DISTANCE.
4. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

4.1. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.42 (NON-HVHZ).

4.2. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI.

4.3. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90 MEDIUM WEIGHT WITH COMPRESSIVE STRENGTH OF 1900 psi (DENSITY > 117 PCF).

SUNSET WINDOWS AND DOORS, LLC
910 WAREHOUSE ROAD, UNIT 110104
ORLANDO, FL 32803

SERIES V-750 PICTURE WINDOW
VINYL NON-IMPACT
GENERAL NOTES

DRAWN:
JRM

DWG NO.
NL-0111

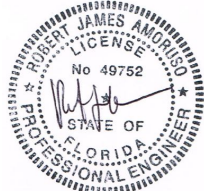
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A

SCALE
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DATE
06/03/2019

SHEET
1 OF 5

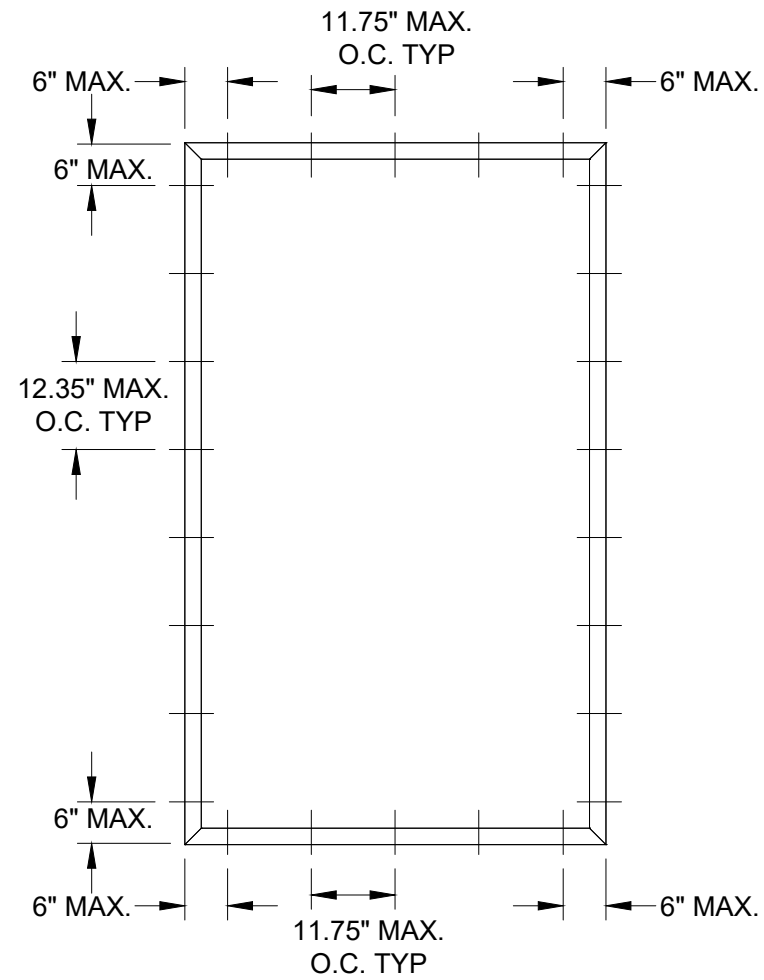
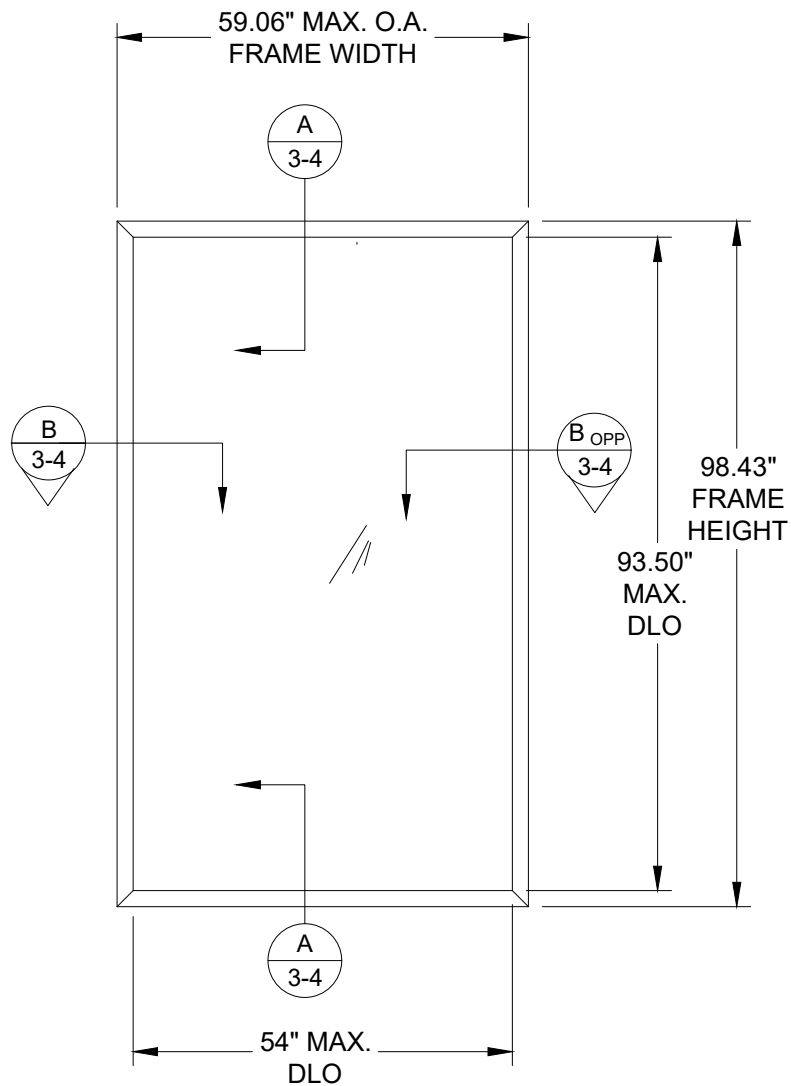
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FL. P.E. NO. 49752



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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



ANCHOR LAYOUT
FRAME INSTALLATION

ANCHORAGE INSTALLATION REQUIREMENTS TO MEET DESIGN PRESSURE OF +/-50 PSF

DESIGN PRESSURE RATING (PSF)			
MAX. OVERALL TESTED FRAME SIZE (IN)	MAX. DESIGN PRESSURE (PSF)	QUALIFIED CONFIGURATION	IMPACT RATNG
59.06" X 98.43"	+/- 50.0	O	NONE
SEE GLAZING DETAIL ON SHT. 5			

SUNSET WINDOWS AND DOORS, LLC 910 WAREHOUSE ROAD, UNIT 110104 ORLANDO, FL 32803		
SERIES V-750 PICTURE WINDOW VINYL NON-IMPACT ELEVATION & ANCHOR LAYOUT		
DRAWN: JRM	DWG NO. NL-0111	REV A
SCALE NTS	DATE 06/03/2019	SHEET 2 OF 5

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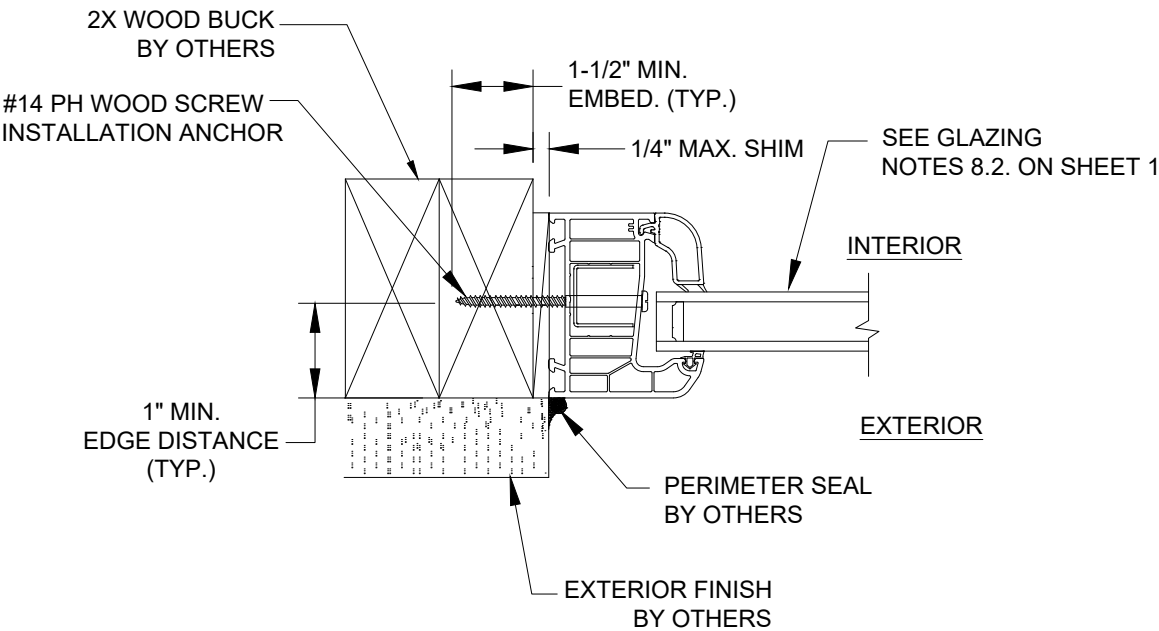
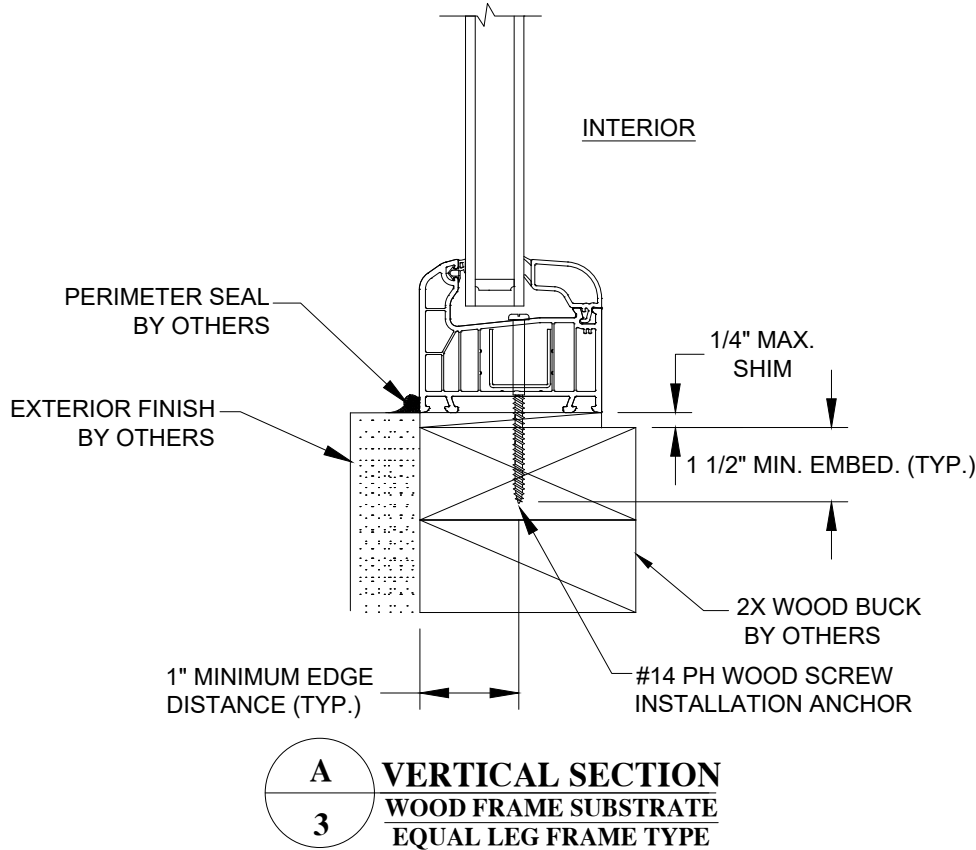
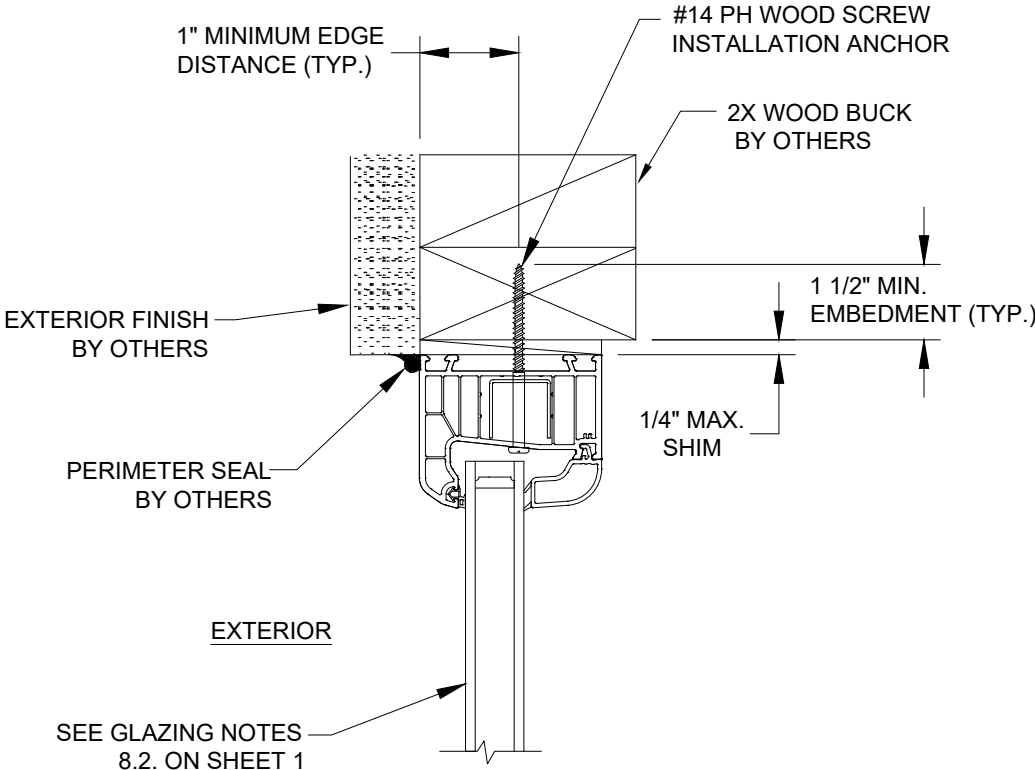
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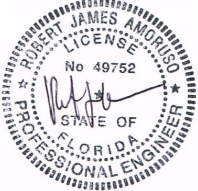


B
3 **HORIZONTAL SECTION**
WOOD FRAME SUBSTRATE
EQUAL LEG FRAME TYPE

A
3 **VERTICAL SECTION**
WOOD FRAME SUBSTRATE
EQUAL LEG FRAME TYPE

SUNSET WINDOWS AND DOORS, LLC 910 WAREHOUSE ROAD, UNIT 110104 ORLANDO, FL 32803		
SERIES V-750 PICTURE WINDOW VINYL NON-IMPACT INSTALLATION DETAILS-WOOD FRAME		
DRAWN: JRM	DWG NO. NL-0111	REV A
SCALE NTS	DATE 06/03/2019	SHEET 3 OF 5

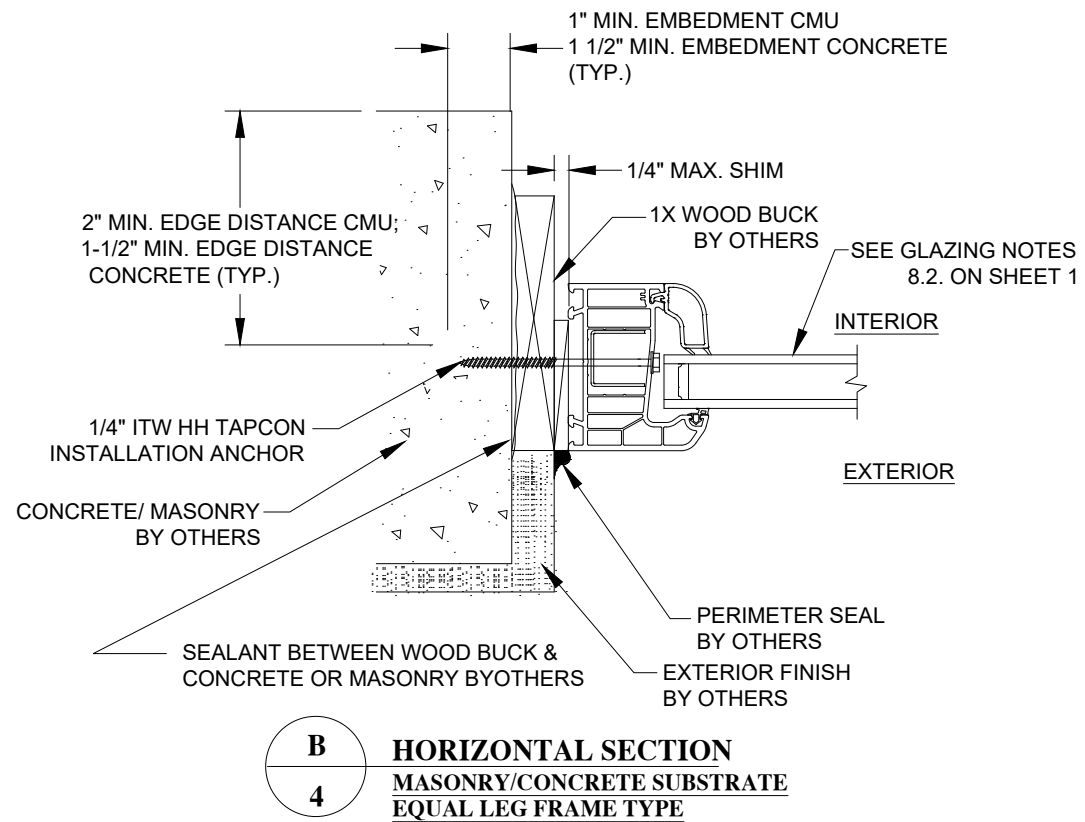
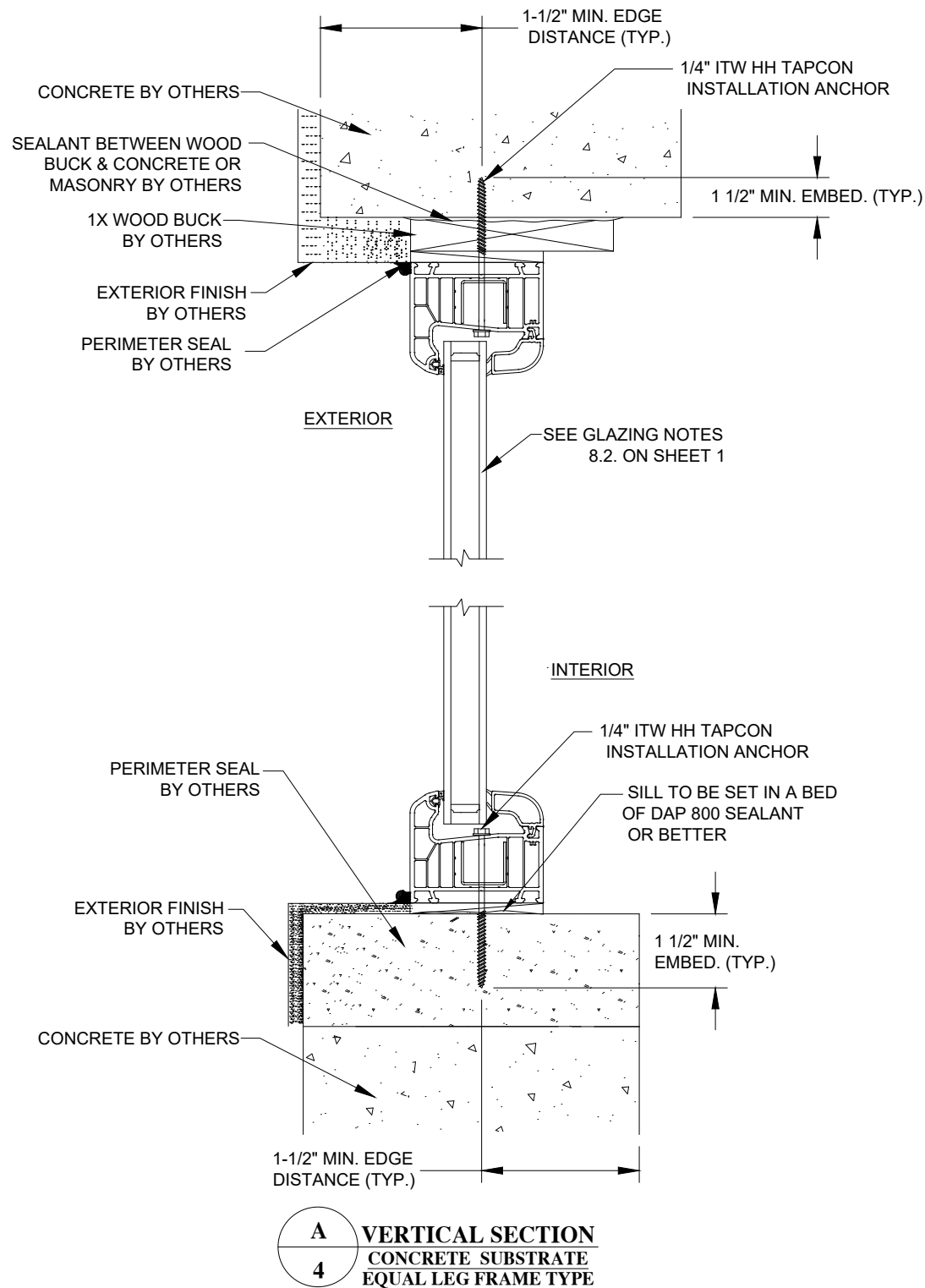
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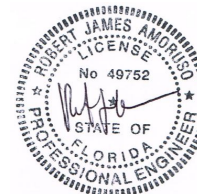
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SERIES V-750 PICTURE WINDOW VINYL NON-IMPACT INSTALLATION-MASONRY/CONCRETE		
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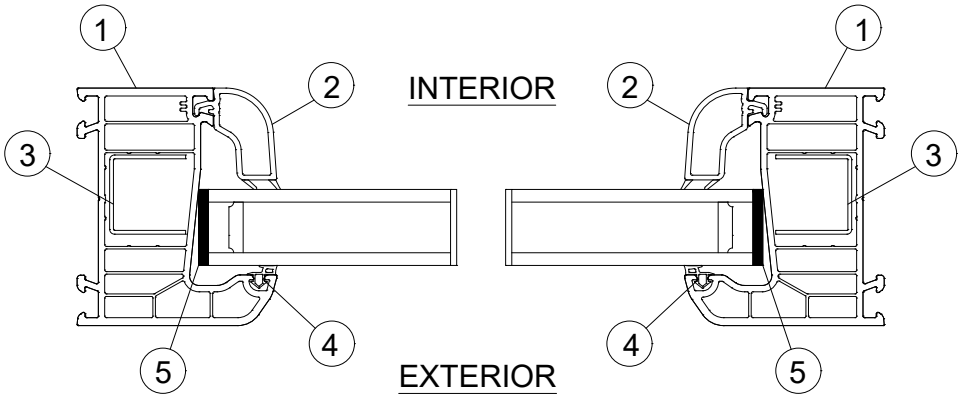
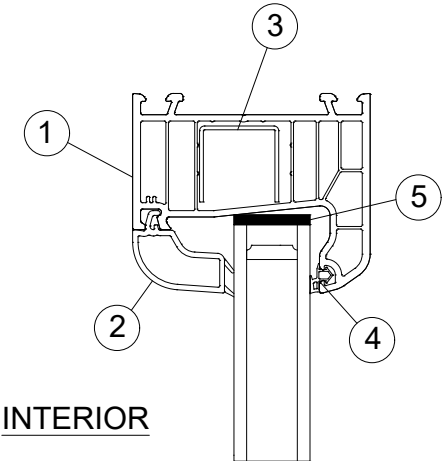


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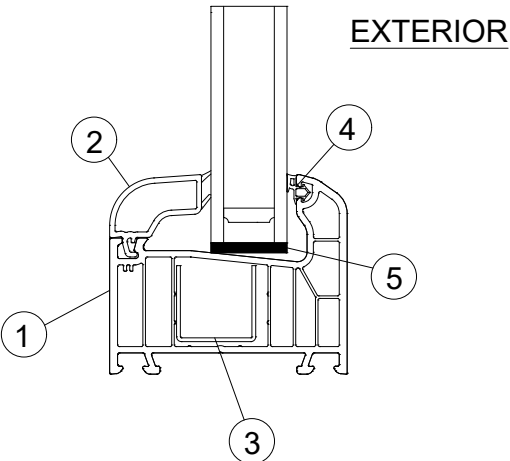
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QTY.	PART NO.	DESCRIPTION	MANUFACTURER
1	10004760	MAIN FRAME HEAD, RIGID VINYL	SUNSET
2	10005465	1.00" I.G. LAMINATED GLAZING BEAD, ALUM. 6063 T5	SUNSET
3	-----	FRAME REINFORCEMENT-GALV. STL.	PURCHASE
4	-----	EXTERIOR GLAZING WEDGE-RIGID VINYL	PURCHASE
5	-----	EPDM SETTING BLOCKS	PURCHASE
6	-----	#10 PH S.M.S.	PURCHASE
7	-----	#14 PH WOOD SCREW	PURCHASE
8	-----	1/4" DIAM. I.T.W. MASONRY ANCHOR	PURCHASE

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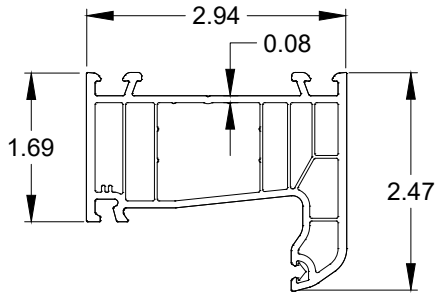
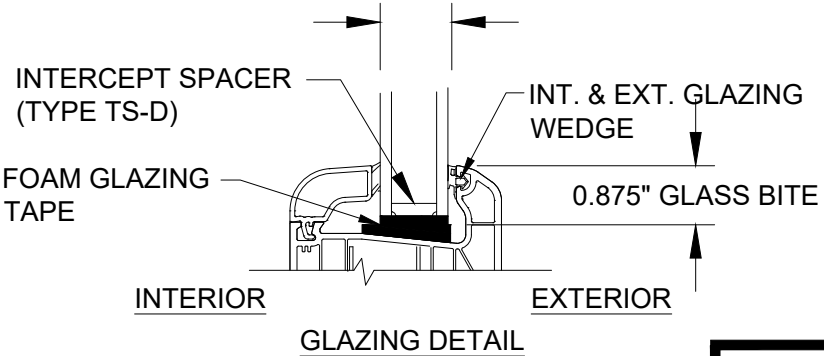


TYPICAL CROSS SECTION FOR PARTS IDENTIFICATION EQUAL LEG FRAME

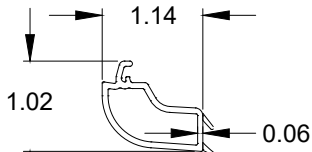


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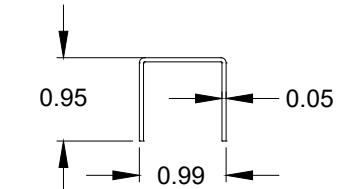
(25.4MM) 1.00" O.A. INSULATED GLASS CONSISTING OF:
EXT. (6MM) 1/4" TEMP. GLASS, 1/2" AIR-SPACER,
(6MM) 1/4" TEMP. GLASS INT.



1 MAIN FRAME EQUAL LEG RIGID VINYL



2 GLAZING BEAD RIGID VINYL



3 FRAME REINFORCEMENT GALVANIZED STEEL



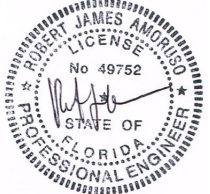
4 FRAME WSTP. RIGID VINYL

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SERIES V-750 PICTURE WINDOW
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B.O.M./COMP. & GLAZING DETAILS

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