

SUNSET WINDOWS & DOORS

SERIES V-750 CASEMENT WINDOW

VINYL NON-IMPACT

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

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. NCTL-210-4130-08.
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:

FRAME: RIGID PVC / VINYL
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 OPERABLE PANEL (X).

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).

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3-4	INSTALLATION DETAILS
5	BILL OF MATERIALS, COMPONENTS & GLAZING DETAIL

SUNSET WINDOWS & DOORS
910 WHAREHOUSE ROAD, SUITE 110104
ORLANDO, FLORIDA 32803

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

DRAWN:
JRM

DWG NO.
NL-0112

REV
A

SCALE
NTS

DATE
09/26/2019

SHEET
1 OF 5

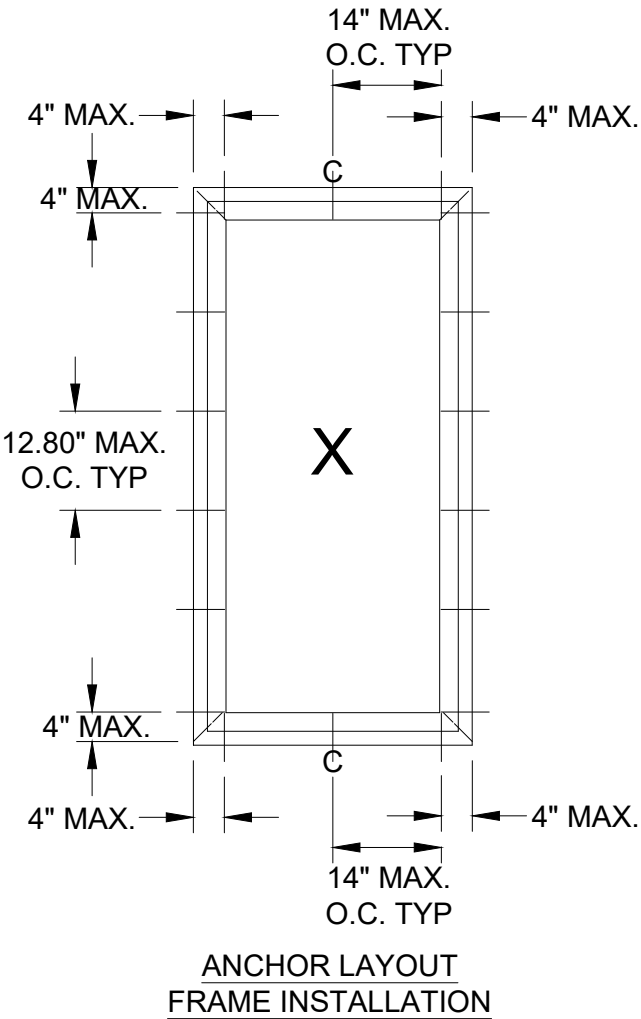
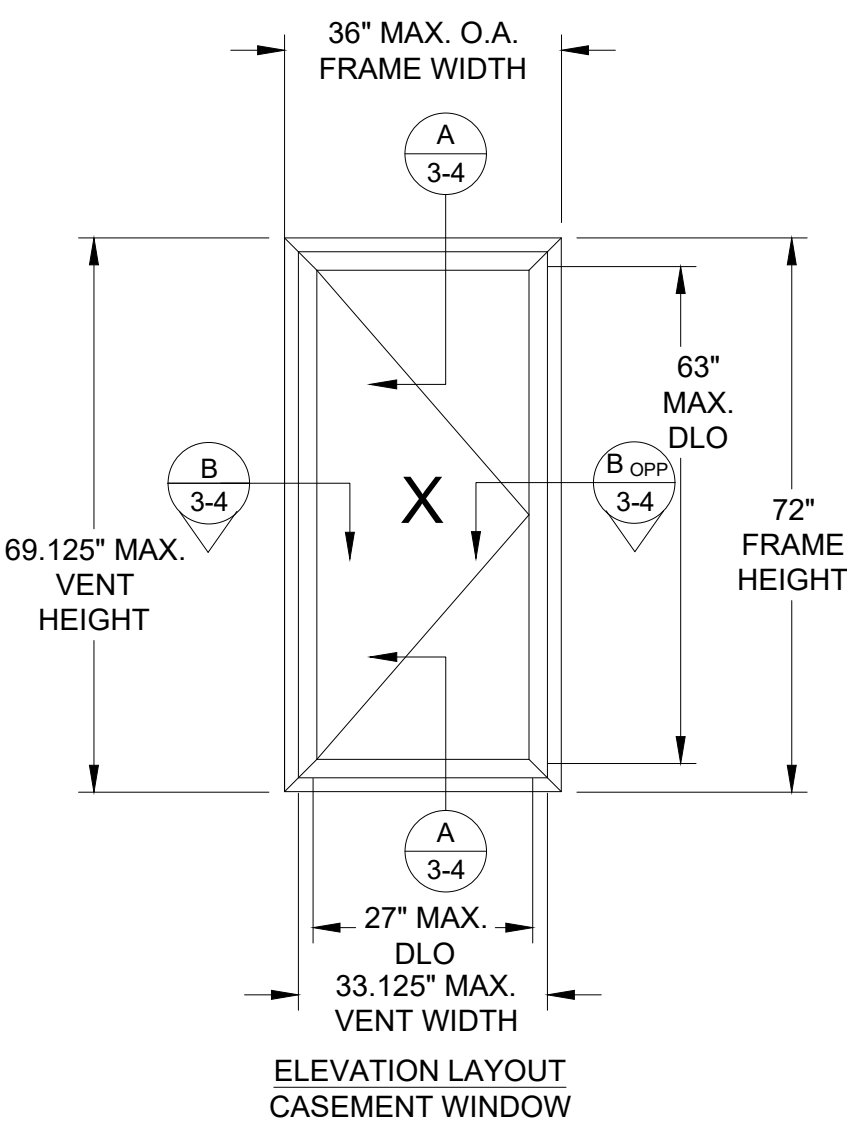
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FL. P.E. NO. 49752



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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

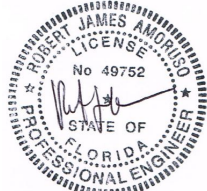


**ANCHORAGE INSTALLATION REQUIREMENTS TO MEET
DESIGN PRESSURE OF +/-40 PSF**

DESIGN PRESSURE RATING (PSF)			
MAX. OVERALL TESTED FRAME SIZE (IN)	MAX. DESIGN PRESSURE (PSF)	QUALIFIED CONFIGURATION	IMPACT RATING
36" X 72"	+/- 40.0	X	NONE
SEE GLAZING DETAIL ON SHT. 5			

SUNSET WINDOWS & DOORS 910 WHAREHOUSE ROAD, SUITE 110104 ORLANDO, FLORIDA 32803		
SERIES V-750 CASEMENT WINDOW VINYL NON-IMPACT ELEVATION & ANCHOR LAYOUT		
DRAWN: JRM	DWG NO. NL-0112	REV A
SCALE NTS	DATE 09/26/2019	SHEET 2 OF 5

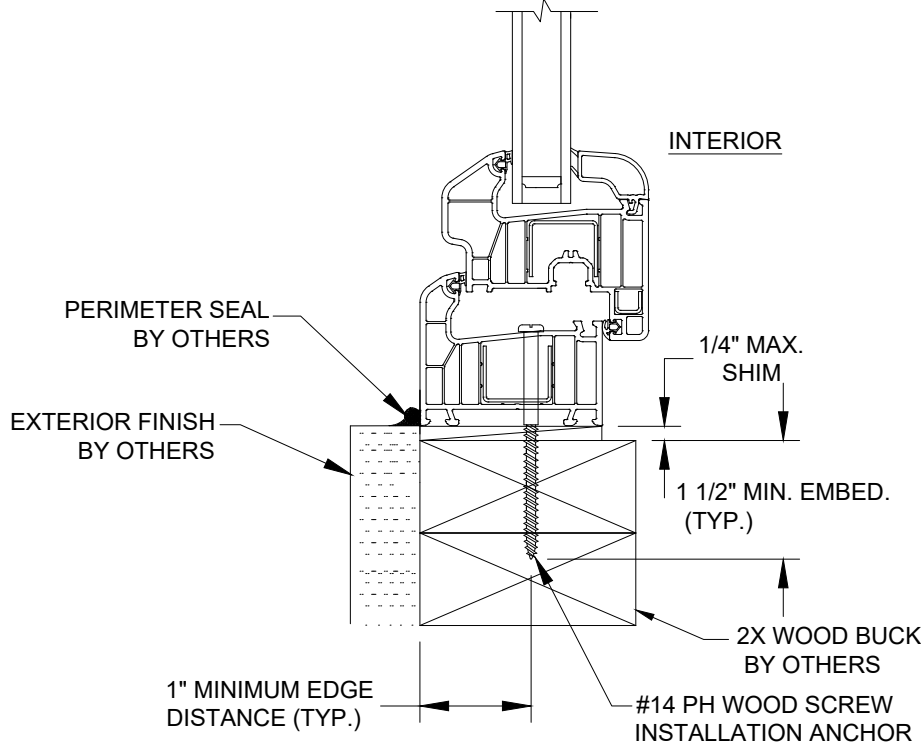
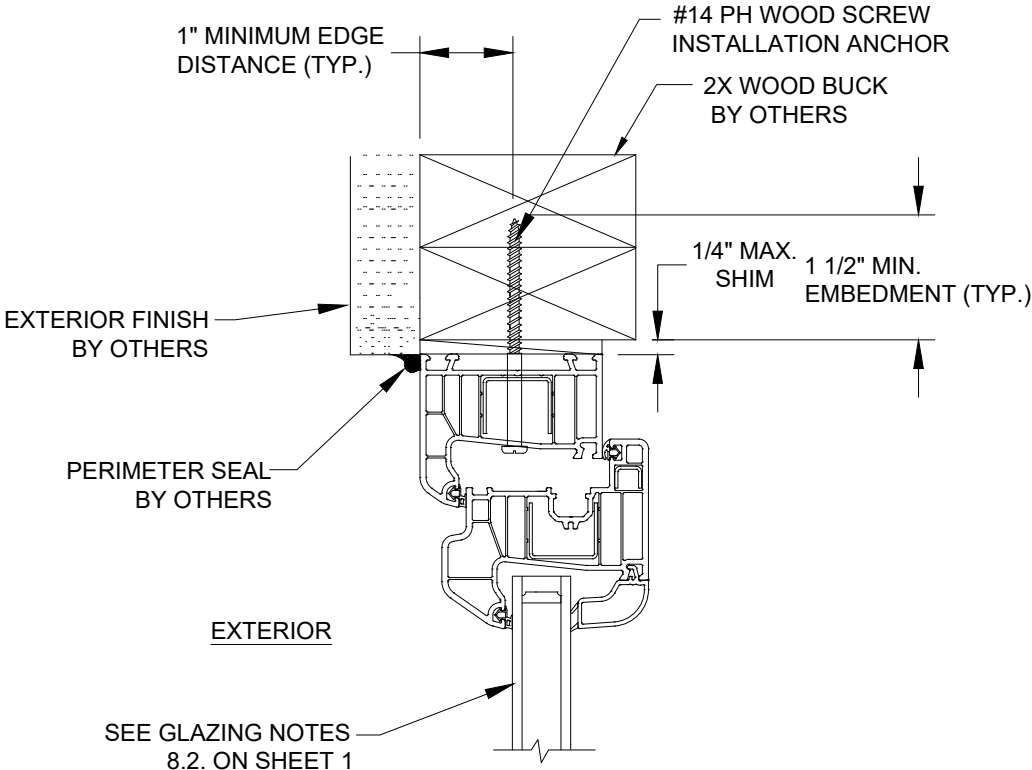
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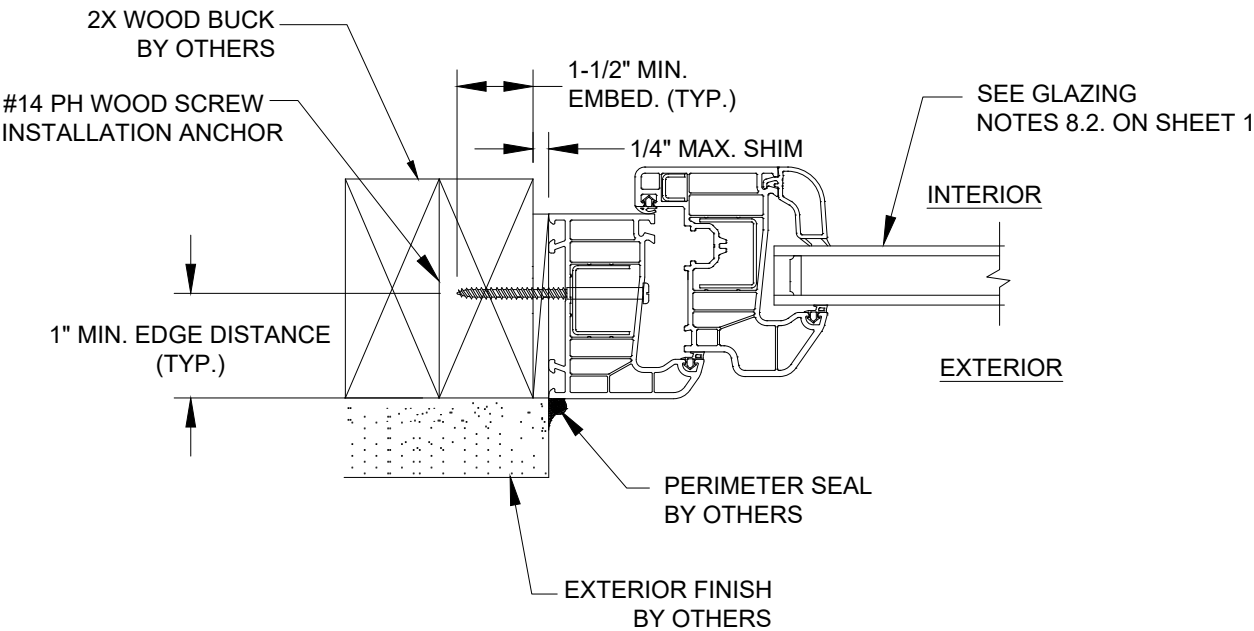
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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



A
3

VERTICAL SECTION
WOOD FRAME SUBSTRATE
EQUAL LEG FRAME TYPE



B
3

HORIZONTAL SECTION
WOOD FRAME SUBSTRATE
EQUAL LEG FRAME TYPE

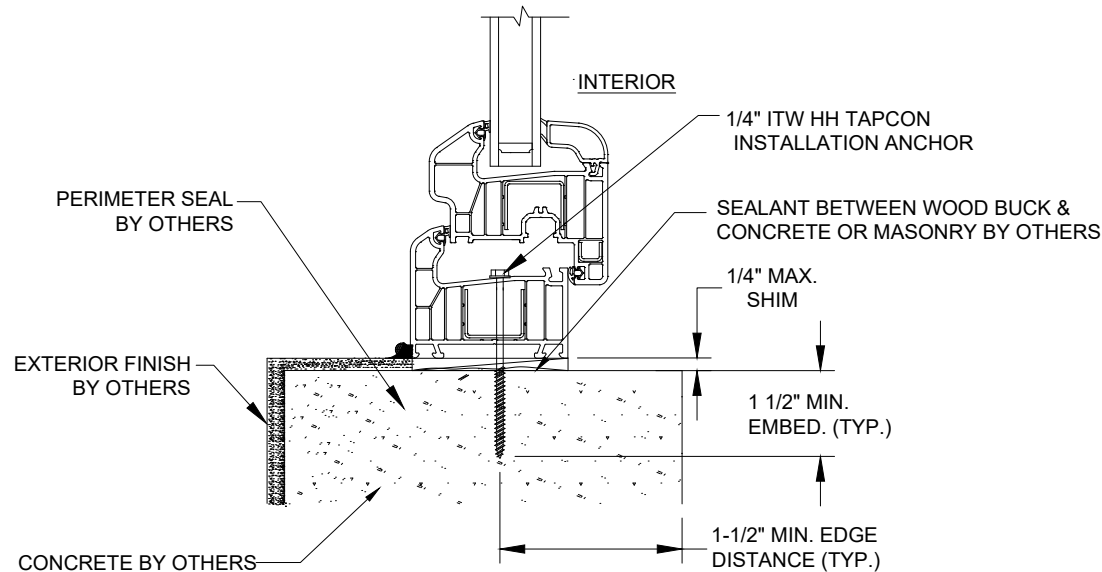
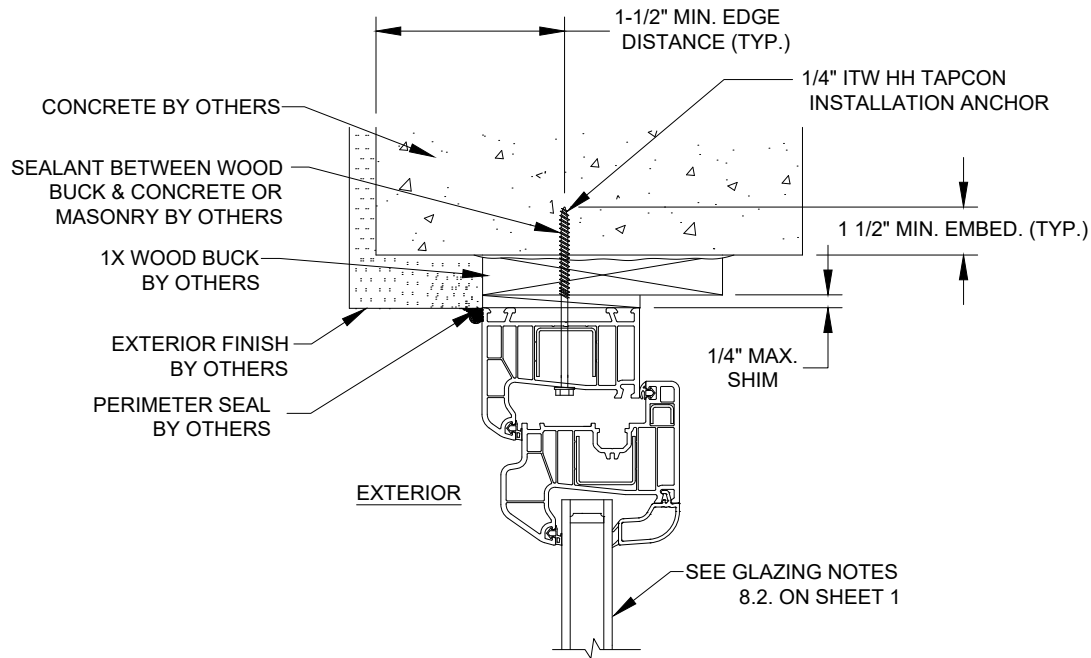
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DRAWN: JRM	DWG NO. NL-0112	REV A
SCALE NTS	DATE 09/26/2019	SHEET 3 OF 5

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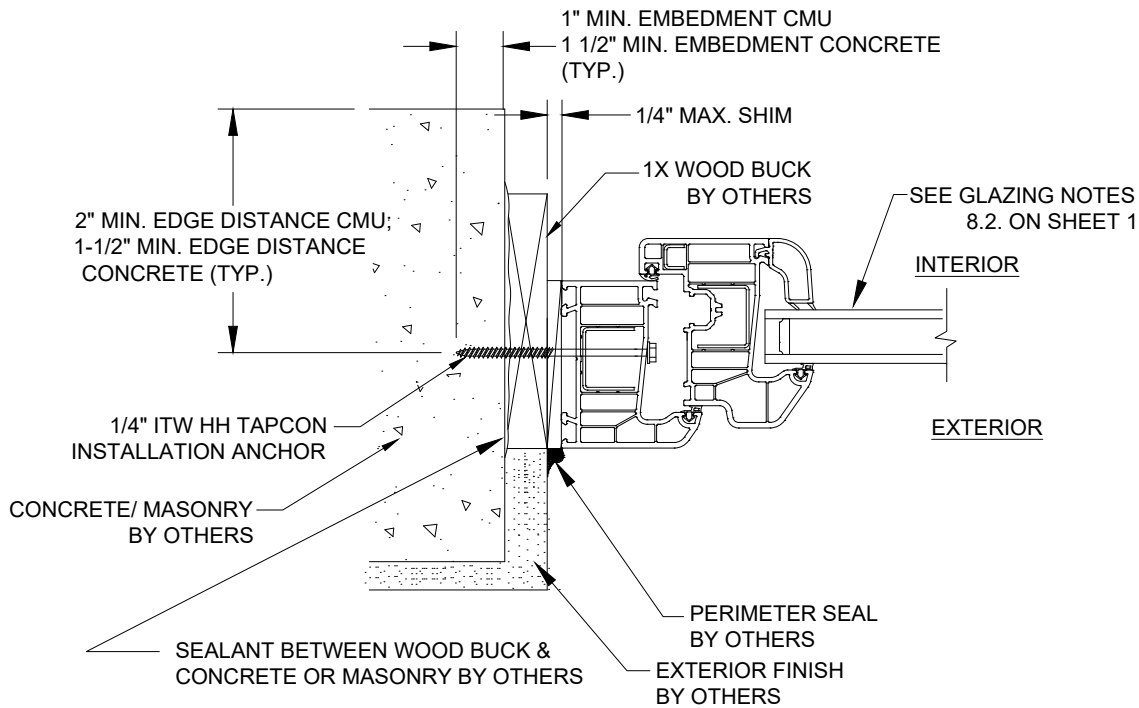
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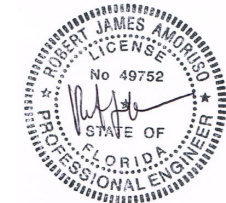
A
4 **VERTICAL SECTION**
CONCRETE SUBSTRATE
EQUAL LEG FRAME TYPE



B
4 **HORIZONTAL SECTION**
MASONRY/CONCRETE SUBSTRATE
EQUAL LEG FRAME TYPE

SUNSET WINDOWS & DOORS 910 WHAREHOUSE ROAD, SUITE 110104 ORLANDO, FLORIDA 32803		
SERIES V-750 CASEMENT WINDOW VINYL NON-IMPACT INSTALLATION-MASONRY/CONCRETE		
DRAWN: JRM	DWG NO. NL-0112	REV A
SCALE NTS	DATE 09/26/2019	SHEET 4 OF 5

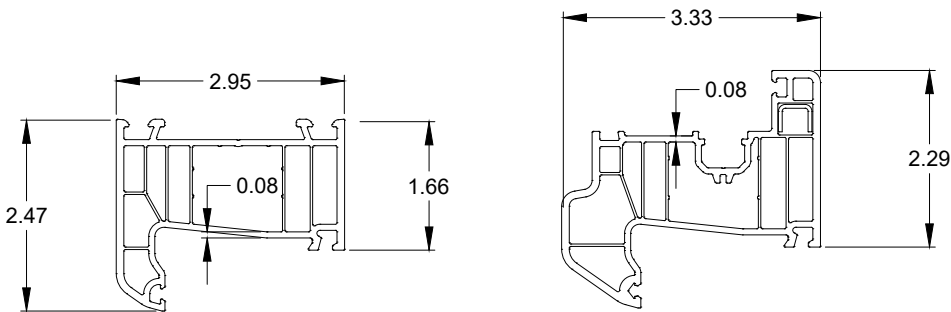
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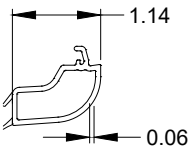
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QTY.	PART NO.	DESCRIPTION	MANUFACTURER
1	-----	MAIN FRAME HEAD, RIGID PVC	SUNSET
2	-----	SASH, RIGID PVC	SUNSET
3	-----	1.00" I.G. OVERALL GLAZING BEAD, RIGID PVC	SUNSET
4	-----	FRAME AND SASH REINFORCEMENT-GALV. STL.	PURCHASE
5	-----	GLAZING GASKET-RIGID VINYL	PURCHASE
6	-----	FRAME WEATHERSTRIP GASKET-RIGID VINYL	PURCHASE
7	-----	SASH WEATHERSTRIP GASKET-RIGID VINYL	PURCHASE
8	-----	#10 PH S.M.S.	PURCHASE
9	-----	#14 PH WOOD SCREW	PURCHASE
10	-----	1/4" DIAM. I.T.W. MASONRY ANCHOR	PURCHASE

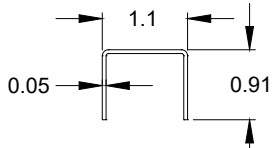


1 MAIN FRAME
EQUAL LEG RIGID PVC

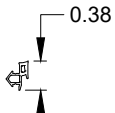
2 FRAME SASH
EQUAL LEG RIGID PVC



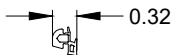
3 SASH GLAZING BEAD
RIGID PVC



4 REINFORCEMENT
GALVANIZED STEEL



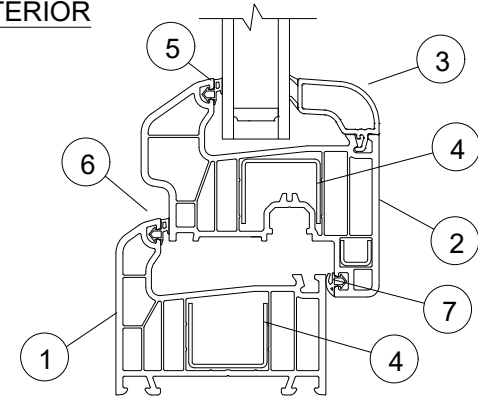
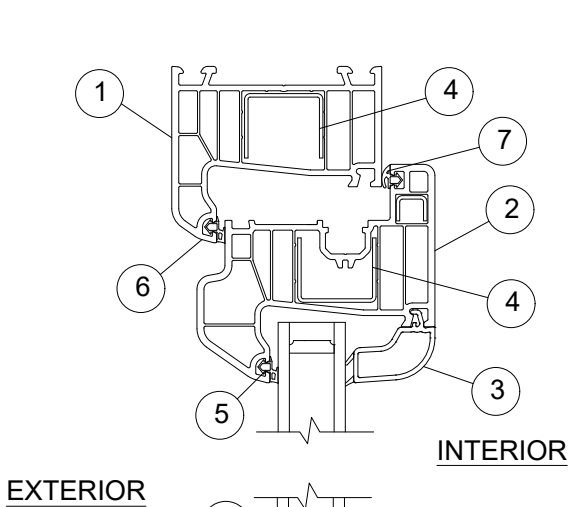
5 GLAZING WEDGE
RIGID VINYL



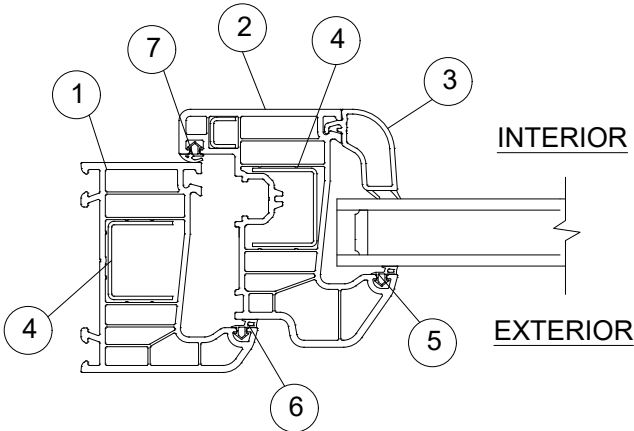
6 FRAME WEATHERSTRIP
RIGID VINYL



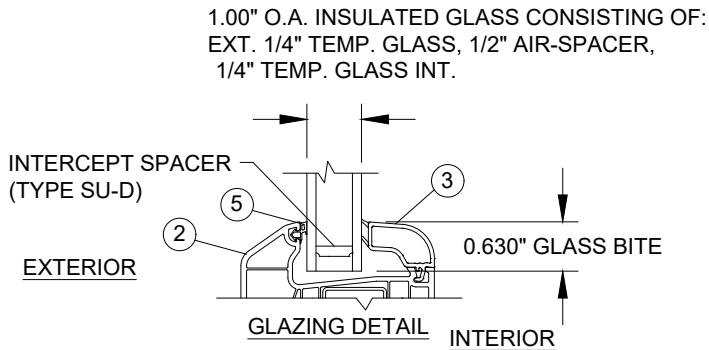
7 SASH WSTP
RIGID VINYL



TYPICAL CROSS SECTION FOR PARTS
IDENTIFICATION EQUAL LEG FRAME



TYPICAL CROSS SECTION FOR PARTS
IDENTIFICATION EQUAL LEG FRAME



GLAZING NOTES:
1. INTERIOR GLAZED WITH FOAM TAPE BACK-BEDDING AND
SNAP IN ALUMINUM GLAZING BEAD (ITEM NO. 3).
2. EXTERIOR GLAZING WEDGE (ITEM NO. 5).

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SERIES V-750 CASEMENT WINDOW VINYL NON-IMPACT B.O.M./COMP. & GLAZING DETAILS		
DRAWN: JRM	DWG NO. NL-0112	REV A
SCALE NTS	DATE 09/26/2019	SHEET 5 OF 5

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Professional Engineer Seal for Robert J. Amoruso, No. 49752, State of Florida.

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