

VALDA 90 OOD

SERIES VISION VINYL NON-IMPACT

DUAL ACTION (TILT-TURN) WINDOW

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/A440-17 TEST STANDARD DOCUMENTED IN TEST REPORT NO. NCTL-210-4220-02A, NCTL-210-4220-03A.
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 REQ'D.
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 4 OF 7.

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

9.1. WINDOW IS A OPERABLE PANEL (X).

9.2. WINDOW IS A STATIONARY PANEL (O).

INSTALLATION 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 OR ANCHOR CLIP INTO MASONRY/CONCRETE USE 1/4" ITW 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 OR ANCHOR CLIP 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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SHEET NO.	DESCRIPTION
1	GENERAL NOTES
2-3	ELEVATION AND ANCHOR LAYOUT
4	VERTICAL, HORIZONTAL SECTIONS & GLAZING DETAIL
5-6	ANCHOR DETAILS
7	BILL OF MATERIALS AND COMPONENTS

VALDA 90 OOD

UL. SHEMSHEVSKOS SHOSE 5002 WESTERN INDUSTRIAL ZONE, VELIKO TARNOVO, BULGARIA

SERIES VISION GUARD VINYL NON-IMPACT DUAL ACTION (TILT-TURN) WINDOW

GENERAL NOTES

DRAWN: JRM

DWG NO. NL-0152

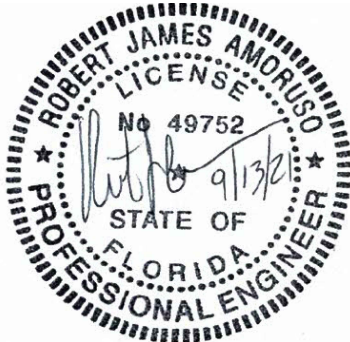
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SCALE SCALE

DATE 08-09-21

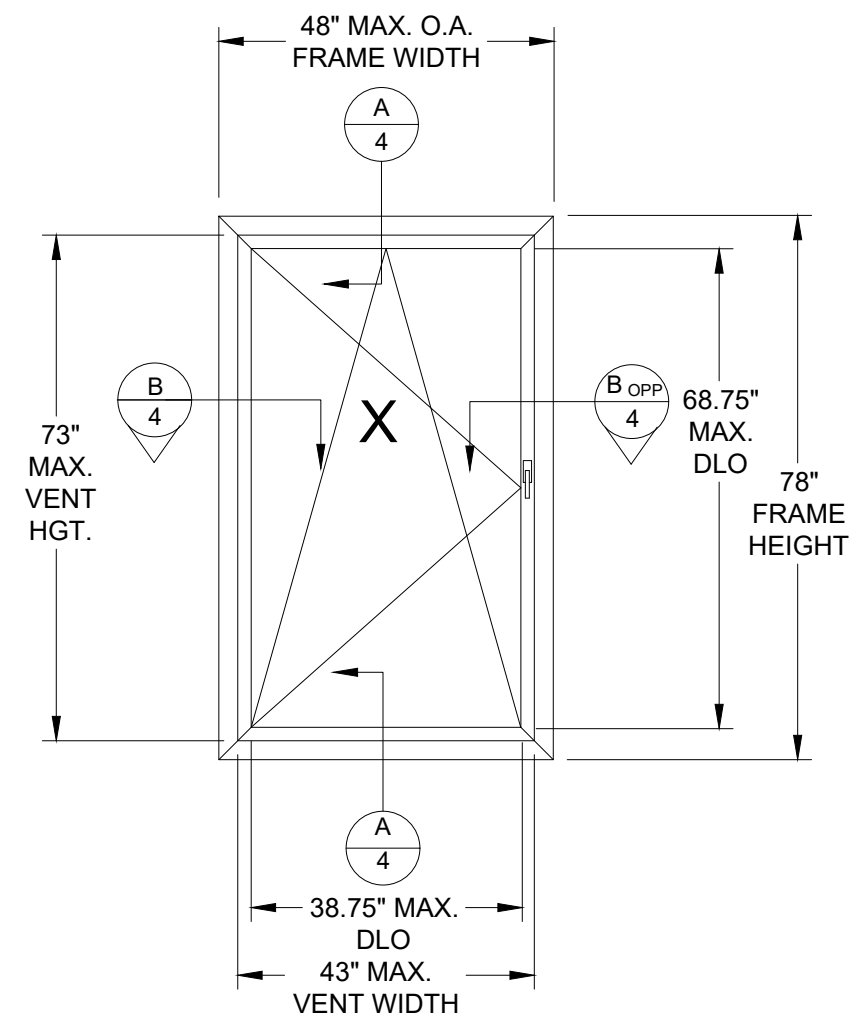
SHEET 10F7

ROBERT J. AMORUSO
FL. P.E. NO. 49752

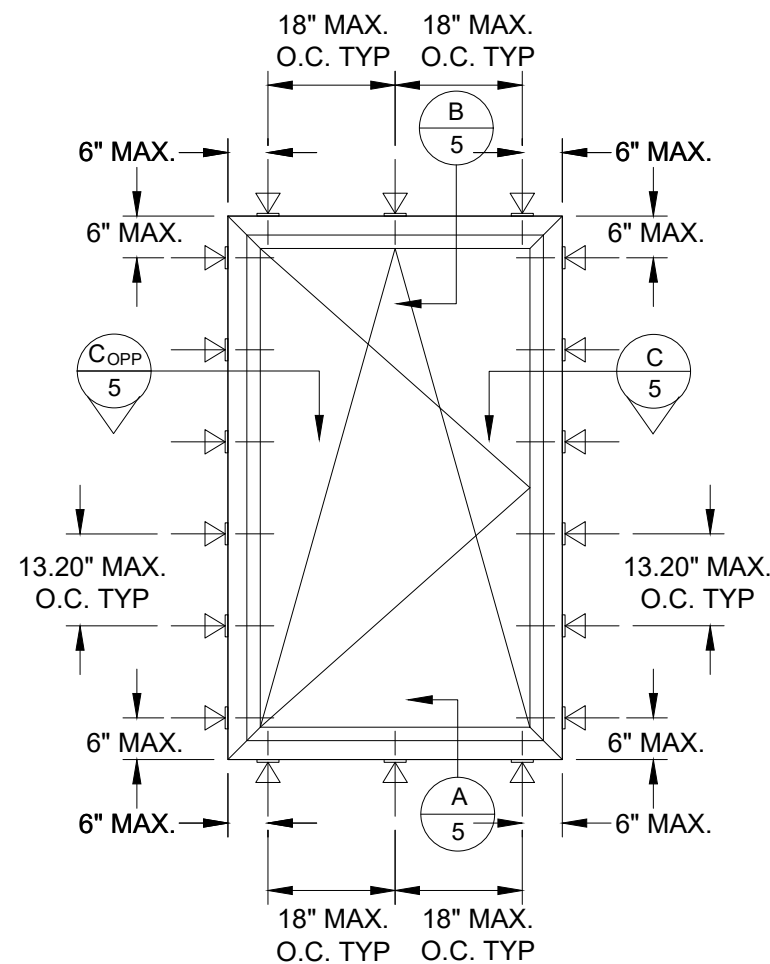


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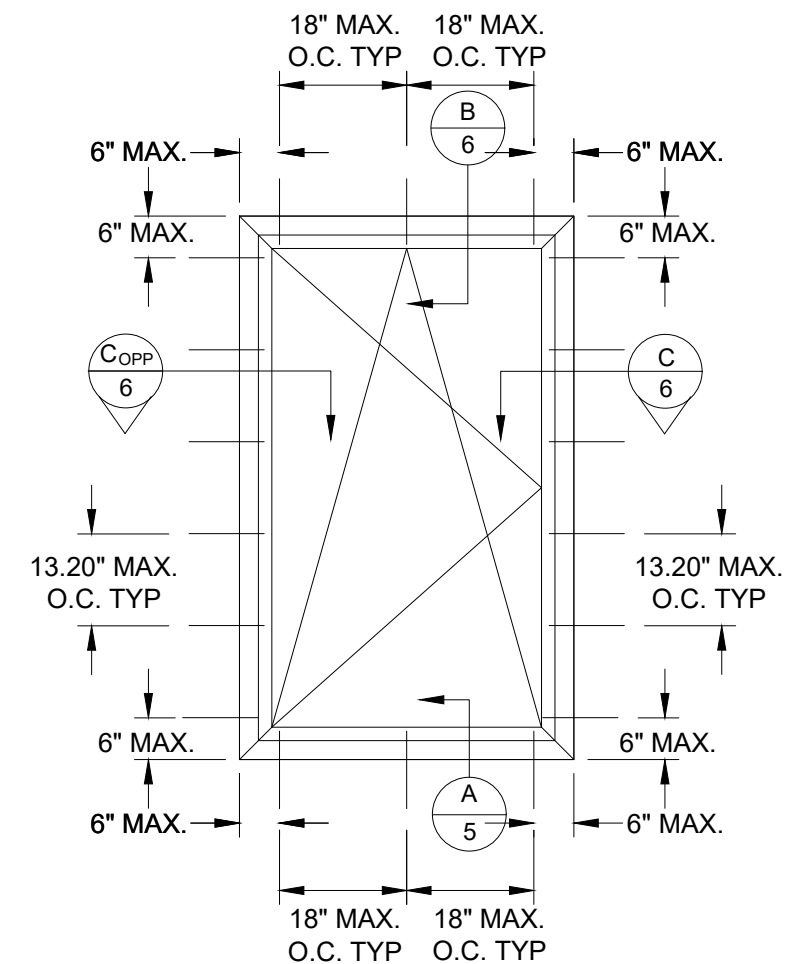


ELEVATION LAYOUT
DUAL ACTION (TILT-TURN)
WINDOW



ANCHOR LAYOUT
ANCHOR CLIP
INSTALLATION

△ Strap Anchor



ANCHOR LAYOUT
THROUGH FRAME
INSTALLATION

DESIGN PRESSURE RATING (PSF)			
MAX. OVERALL TESTED FRAME SIZE (IN)	MAX. DESIGN PRESSURE (PSF)	QUALIFIED CONFIGURATION	IMPACT RATING
48" X 78"	+/- 65.0 PSF	X	NONE
SEE GLAZING DETAIL 1 ON SHT. 4			

MAXIMUM SIZES (IN)	
FRAME	48 X 78
VENT	43 X 73
D.L.O	38.75 X 68.75

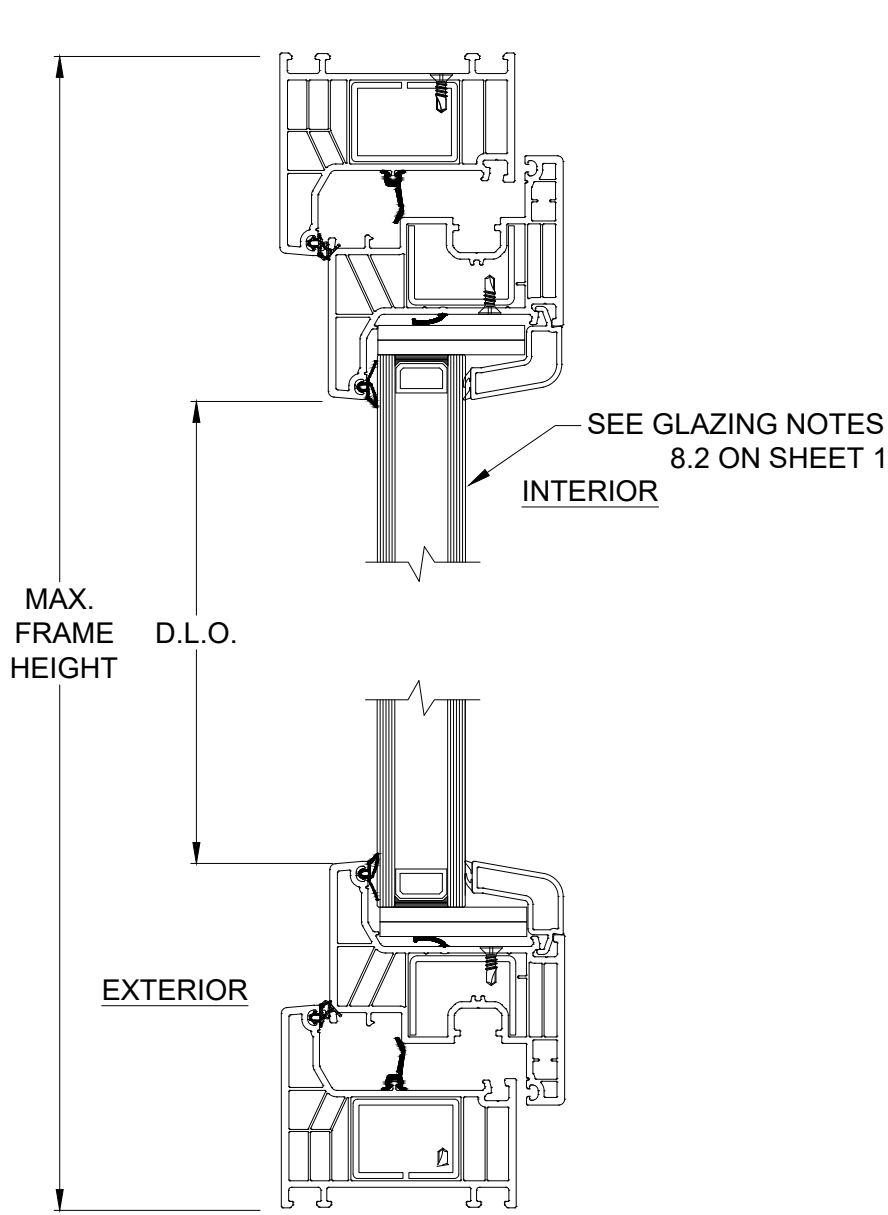
VALDA 90 OOD UL. SHEMSHEVSKOS SHOSE 5002 WESTERN INDUSTRIAL ZONE, VELIKO TARNOVO, BULGARIA		
SERIES VISION GUARD VINYL NON- IMPACT DUAL ACTION (TILT-TURN) WINDOW ELEVATION AND ANCHOR LAYOUT		
DRAWN: JRM	DWG NO. NL-0152	REV 0
SCALE	SCALE	DATE 08-09-21 SHEET 2_OF_7

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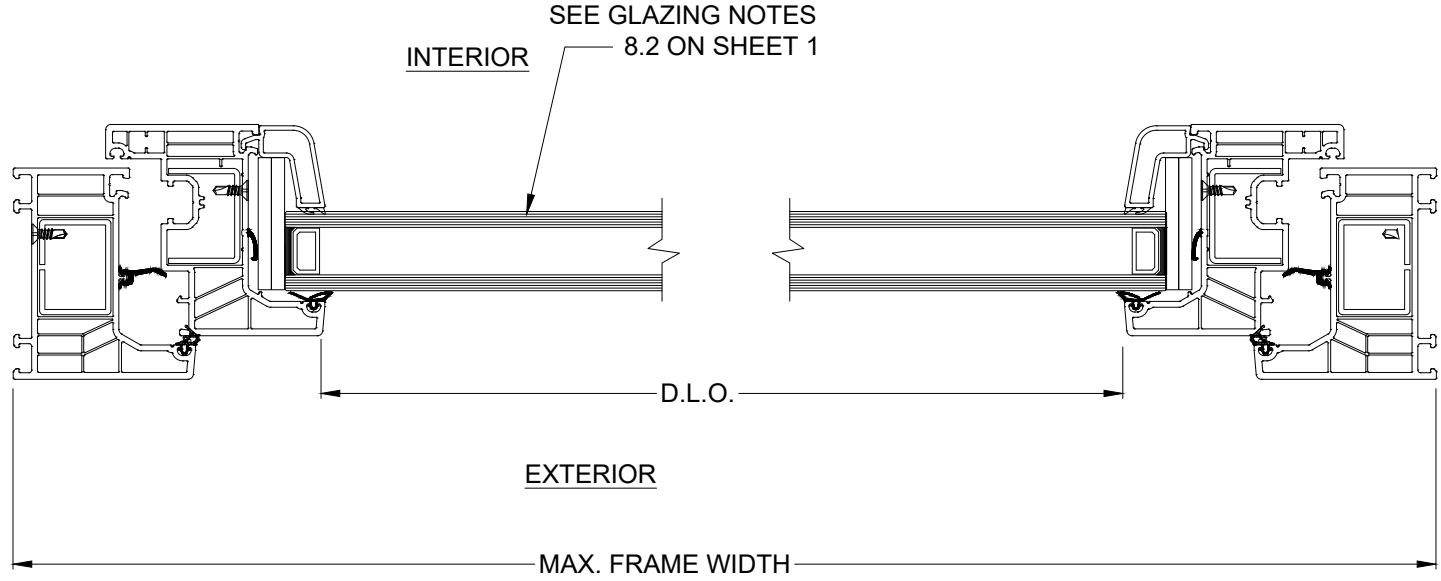


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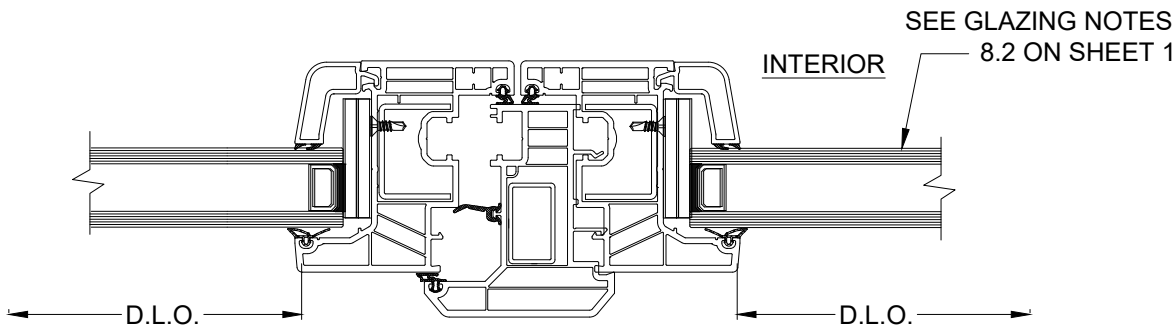


A
4 **VERTICAL SECTION**

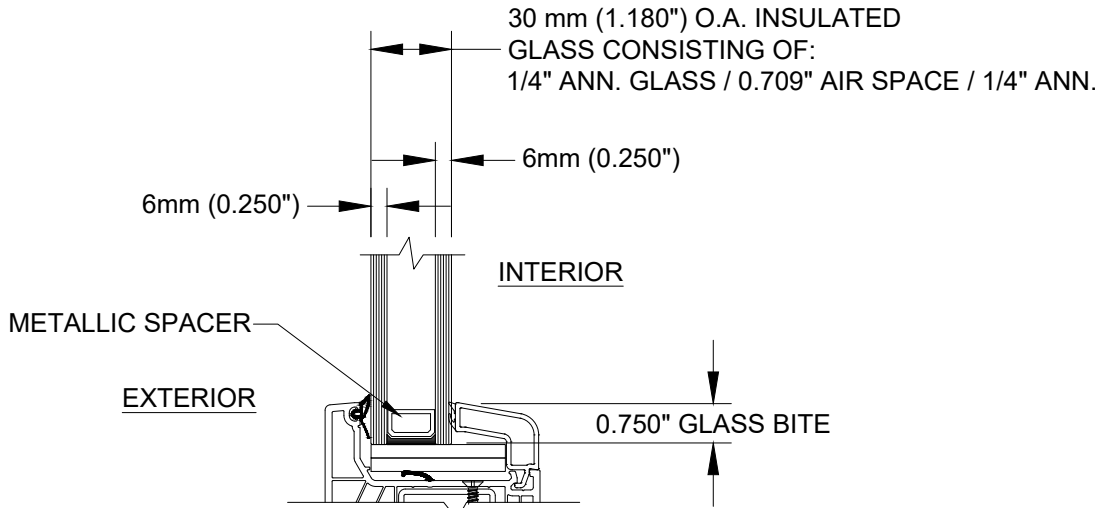


B
4 **HORIZONTAL SECTION**
FRAME JAMB

B OPP
4 **HORIZONTAL SECTION**
FRAME JAMB



C
4 **HORIZONTAL SECTION**
FALSE POST



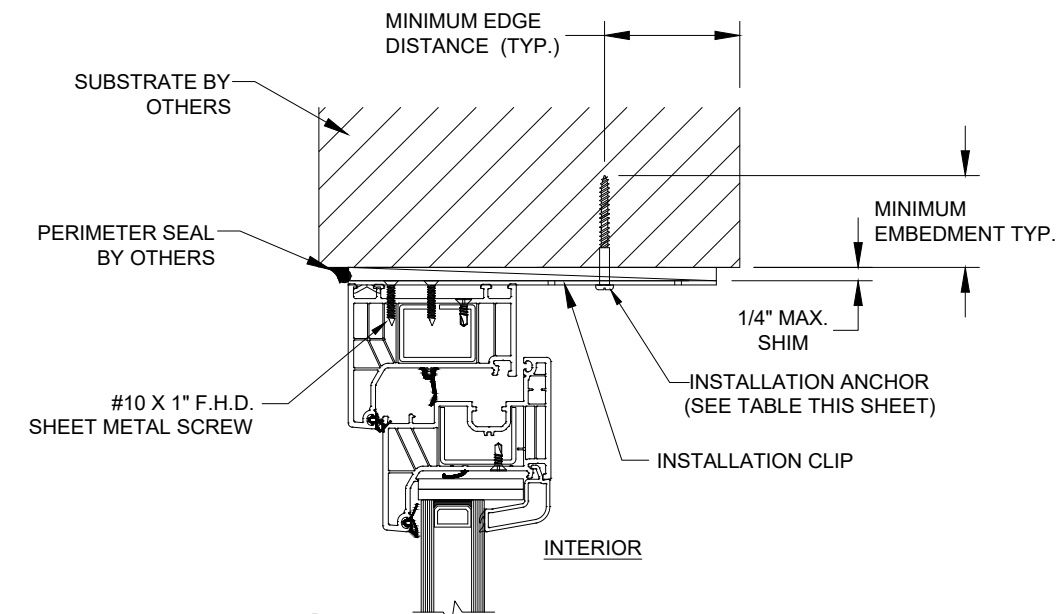
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SERIES VISION GUARD VINYL NON- IMPACT DUAL ACTION (TILT-TURN) WINDOW VERTICAL AND HORIZONTAL SECTIONS & GLZG.		
DRAWN: JRM	DWG NO. NL-0152	REV 0
SCALE SCALE	DATE 08-09-21	SHEET 4_OF_7

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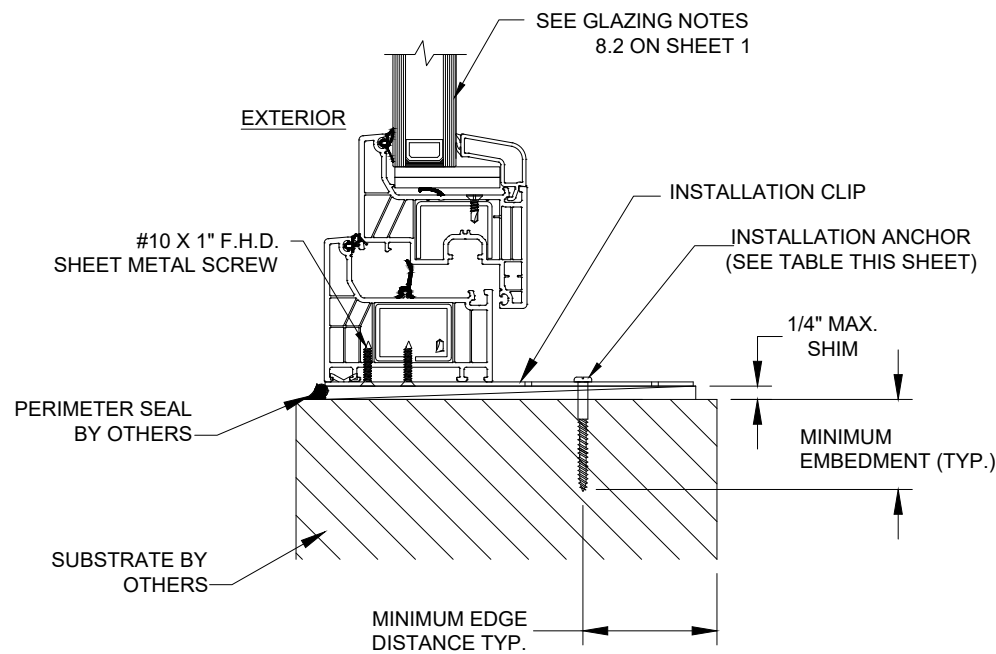
PROFESSIONAL ENGINEER
STATE OF FLORIDA
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9/13/21

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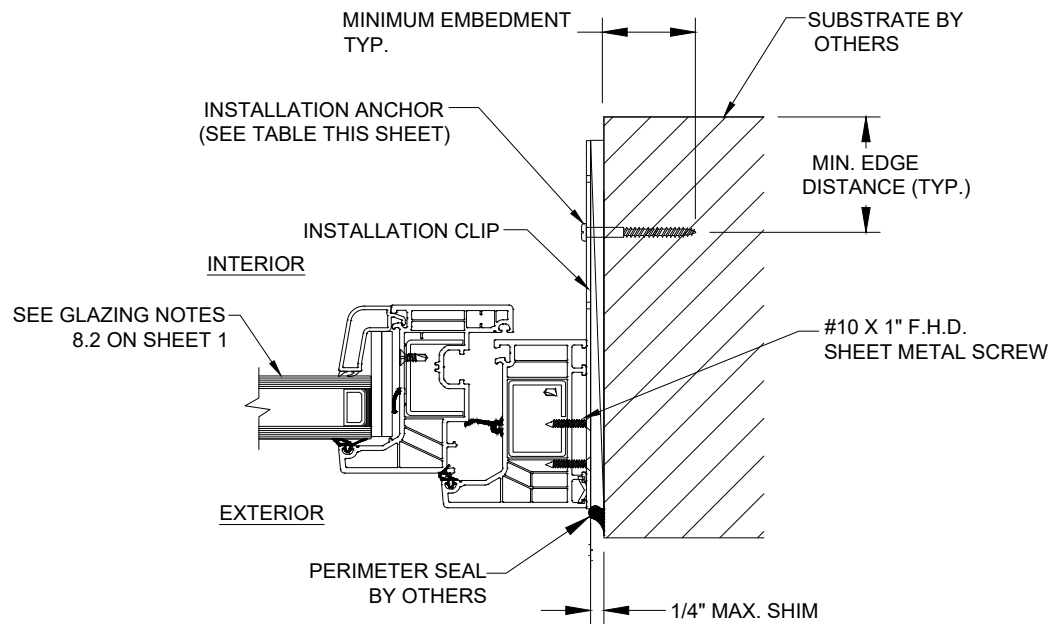
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B
5 **ANCHOR DETAIL**
INSTALLATION CLIP
FRAME HEAD



A
5 **ANCHOR DETAIL**
INSTALLATION CLIP
FRAME SILL



C
5 **ANCHOR DETAIL**
INSTALLATION CLIP
FRAME JAMB

INSTALLATION ANCHOR REQUIREMENTS TABLE					
ANCHOR REQUIREMENTS					
ANCHORING METHOD	SUBSTRATE		ANCHOR SCHEDULE	MIN. EMBED. (IN)	MIN. EDGE DISTANCE (IN)
THROUGH STRAP	WOOD	MIN. 0.42 S.G. (NON-HVHZ)	#14 WOOD SCREW	1-1/2	1"
	CONCRETE	2500 PSI MIN. CONCRETE	1/4 ITW TAPCON	1-1/2	1-1/2
	CMU	ASTM C90 MED. WT. (DENSITY) > 117 PCF MASONRY (CMU) MIN.	1/4 ITW TAPCON	1	2
NOTES:	1)	CONCRETE AND MASONRY (BLOCK/CMU) SUBSTRATE ANCHORS TO BE 1/4" DIAMETER ITW CONCRETE SCREWS.			
	2)	WOOD FRAME SUBSTRATE ANCHORS USE NO. 14 WOOD SCREW ANCHORS (ANSI B18.6.1) WITH MIN. GRADE 2 STRENGTH.			

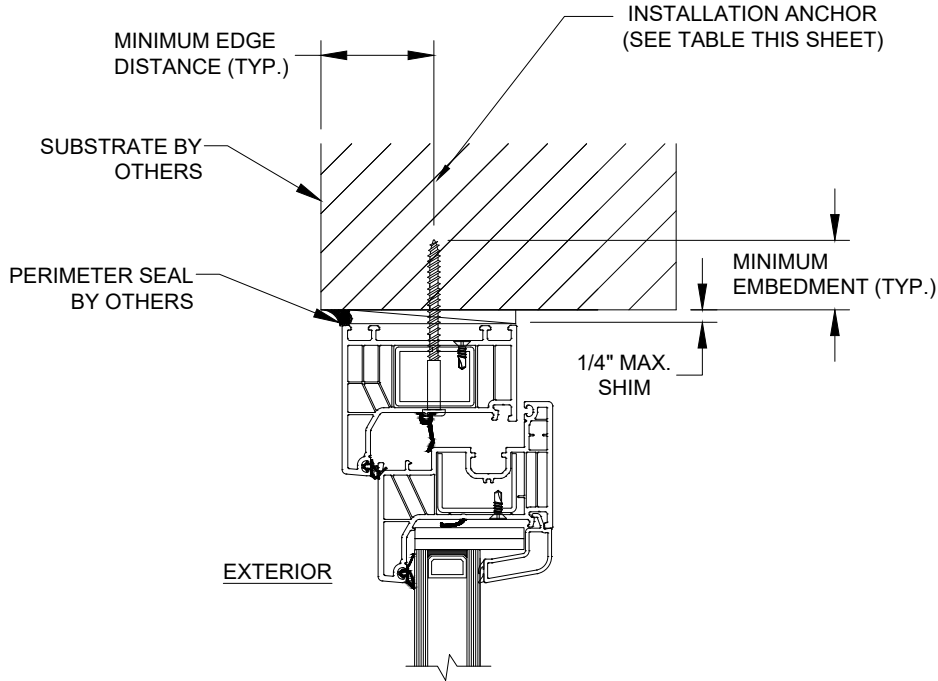
VALDA 90 OOD UL. SHEMSHEVSKOS SHOSE 5002 WESTERN INDUSTRIAL ZONE, VELIKO TARNOVO, BULGARIA		
SERIES VISION GUARD VINYL NON- IMPACT DUAL ACTION (TILT-TURN) WINDOW ANCHOR DETAILS - INSTALLATION CLIP		
DRAWN: JRM	DWG NO. NL-0152	REV 0
SCALE SCALE	DATE 08-09-21	SHEET 5_OF_7

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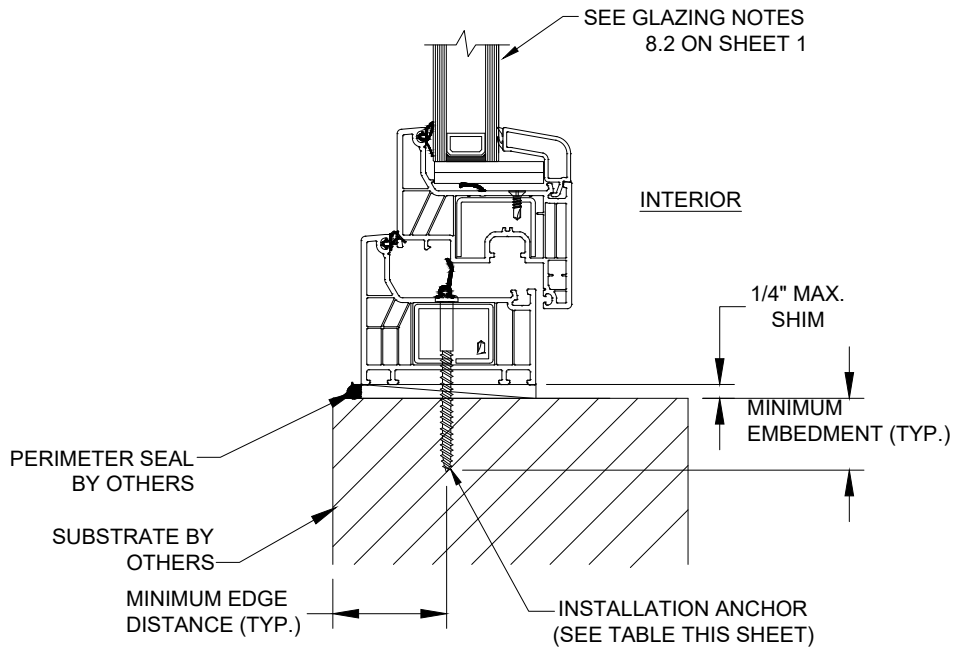
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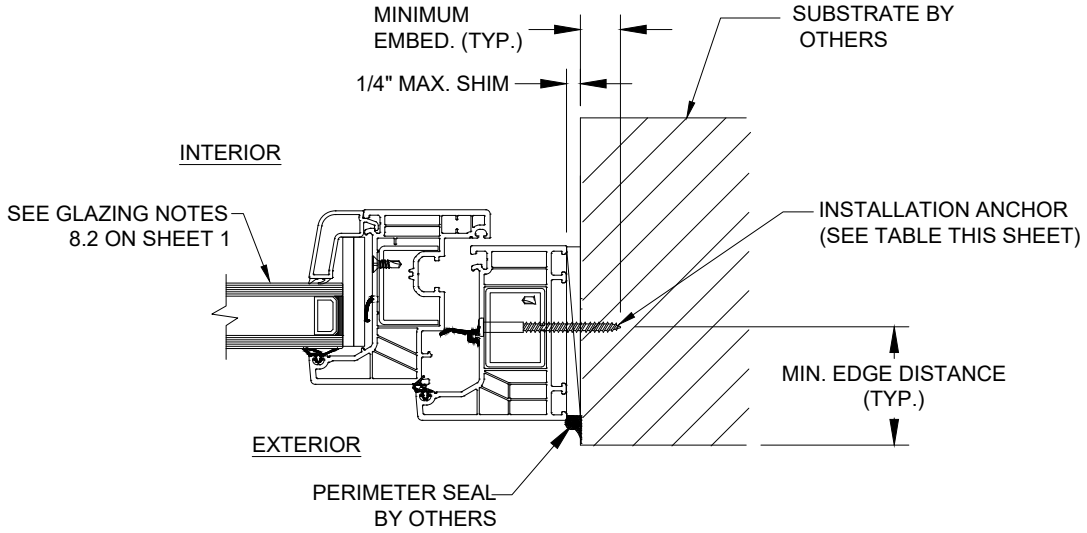
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B
6 **ANCHOR DETAIL
THROUGH FRAME
FRAME HEAD**



A
6 **ANCHOR DETAIL
THROUGH FRAME
FRAME SILL**



C
6 **ANCHOR DETAIL
THROUGH FRAME
FRAME JAMB**

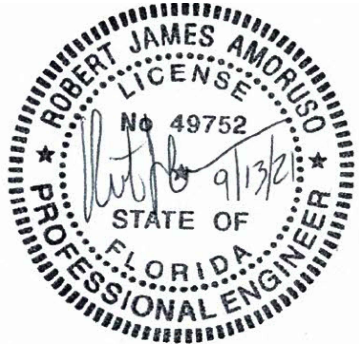
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UL. SHEMSHEVSKOS SHOSE 5002 WESTERN
INDUSTRIAL ZONE, VELIKO TARNOVO,
BULGARIA

SERIES VISION GUARD VINYL NON-
IMPACT DUAL ACTION (TILT-TURN) WINDOW
ANCHOR DETAILS-THROUGH FRAME

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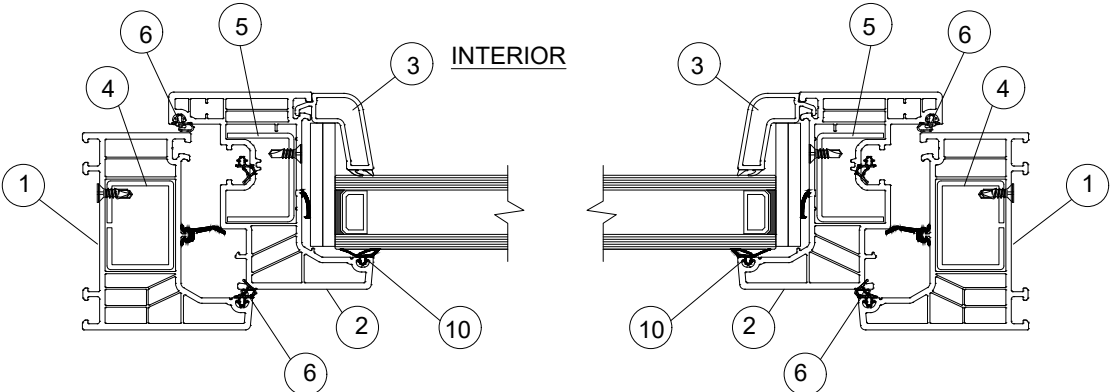
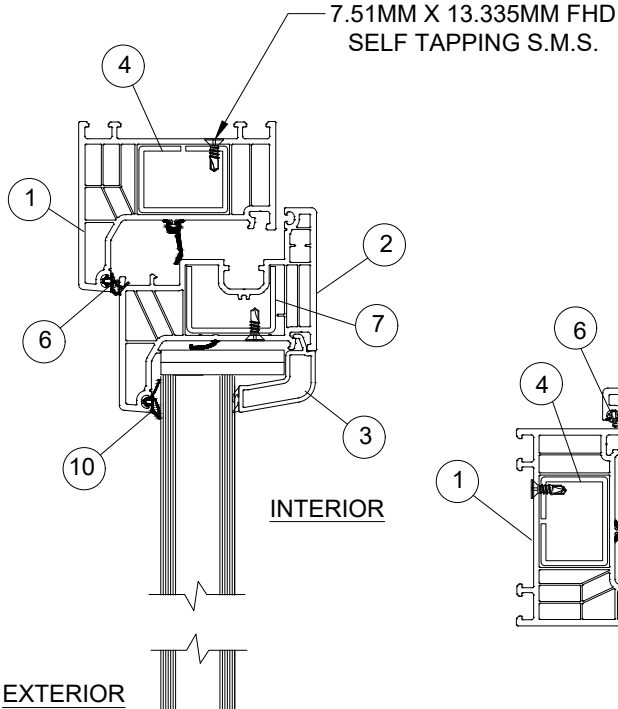
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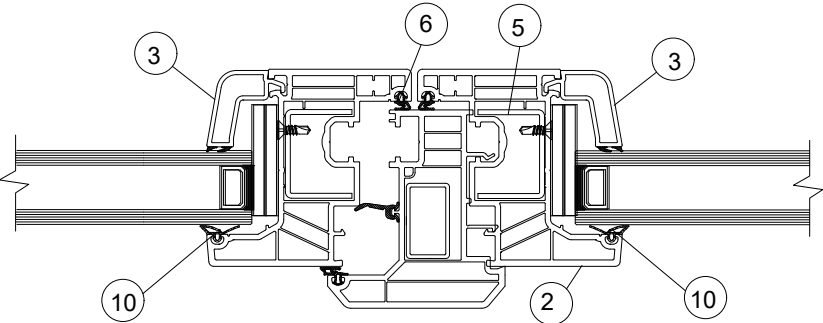
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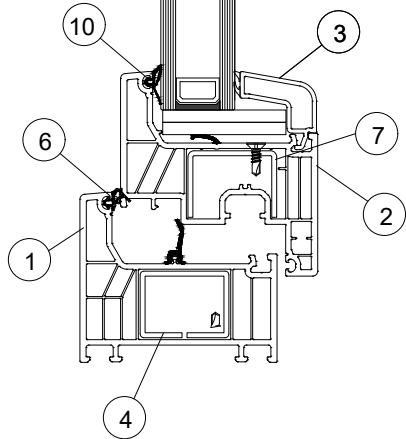
QTY.	PART NO.	DESCRIPTION	MANUFACTURER
1	-----	MAIN FRAME HEAD, JAMB & SILL UPVC	DECUENINCK
2	-----	SASH TOP, BOTT., AND STILES UPVC	DECUENINCK
3	-----	41.5 MM GLAZING BEAD, UPVC	DECUENINCK
4	-----	FRAME GALV. STL. REINFORCEMENT	DECUENINCK
5	-----	SASH PROFILE GALV. STL. REINFORCEMENT	DECUENINCK
6	-----	GASKET EPDM RUBBER	PURCHASE
7	-----	CORNER REINFORCEMENT PROFILE	DECUENINCK
8	-----	#14 PH WOOD SCREW	PURCHASE
9	-----	1/4" DIAM. I.T.W. MASONRY ANCHOR	PURCHASE
10	-----	GLAZING GASKET EPDM RUBBER	PURCHASE
11	-----	POST PROFILE GALV. STL. REINFORCEMENT	DECUENINCK
12	-----	CENTER STILE FALSE POST UPVC	DECUENINCK
13	-----	ANCHOR STRAP, 14 GA. GALVANIZED STEEL	PURCHASE
14	-----	GLAZING SEALANT DOW 895	PURCHASE



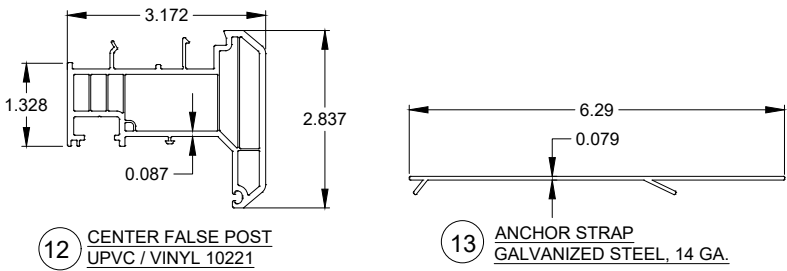
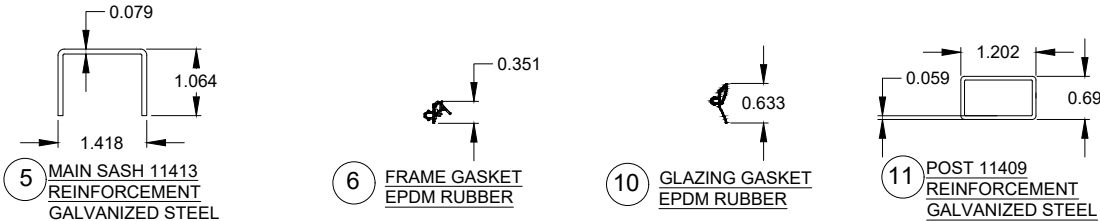
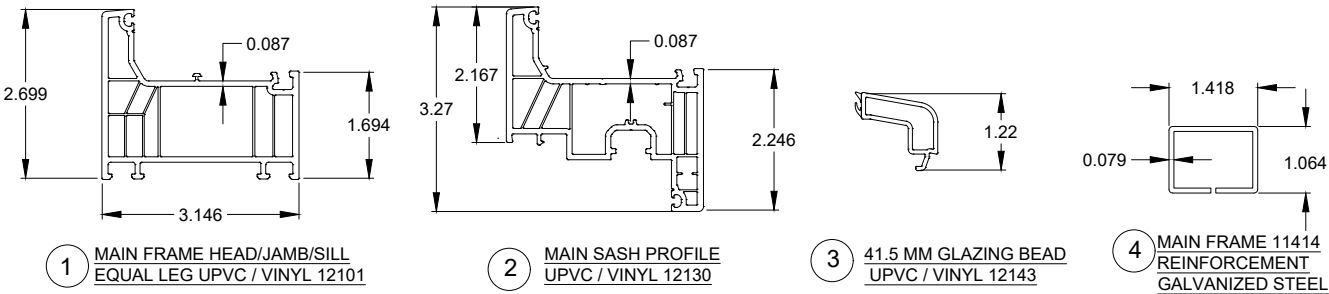
TYPICAL CROSS SECTION FOR PARTS IDENTIFICATION EQUAL LEG FRAME



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TYPICAL CROSS SECTION FOR PARTS IDENTIFICATION EQUAL LEG FRAME



VALDA 90 OOD UL. SHEMSHEVSKOS SHOSE 5002 WESTERN INDUSTRIAL ZONE, VELIKO TARNOVO, BULGARIA		
SERIES VISION GUARD VINYL NON- IMPACT DUAL ACTION (TILT-TURN) WINDOW BILL OF MATERIAL & COMPONENTS		
DRAWN: JRM	DWG NO. NL-0152	REV 0
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