

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY TO IBC AND IRC WITH STATE OF TEXAS MODIFICATIONS.
2. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. 1X BUCK OVER MASONRY/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. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
5. FRAME MATERIAL: EXTRUDED RIGID PVC.
6. UNITS MUST BE GLAZED PER ASTM E1300-04, SEE SHEET 2 FOR GLASS OPTIONS.
7. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
8. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
9. FOR FRAME INSTALLATION INTO WOOD FRAMING OR 2X BUCK USE #14 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
10. FOR FRAME INSTALLATION INTO MASONRY/CONCRETE USE 1/4" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
11. FOR FRAME INSTALLATION INTO METAL STRUCTURE USE #14 SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
12. FOR CLIP INSTALLATION INTO WOOD FRAMING OR 2X BUCK USE #12 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 5/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
13. FOR CLIP INSTALLATION INTO MASONRY/CONCRETE USE 1/4" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.

14. FOR CLIP INSTALLATION INTO METAL STRUCTURE USE #12 SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
15. ALL FASTENERS TO BE CORROSION RESISTANT.
16. 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 BELOW:
  - A. WOOD – MINIMUM SPECIFIC GRAVITY OF G=0.42
  - B. CONCRETE – MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
  - C. MASONRY – STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
  - D. METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 1/8" THICK MINIMUM

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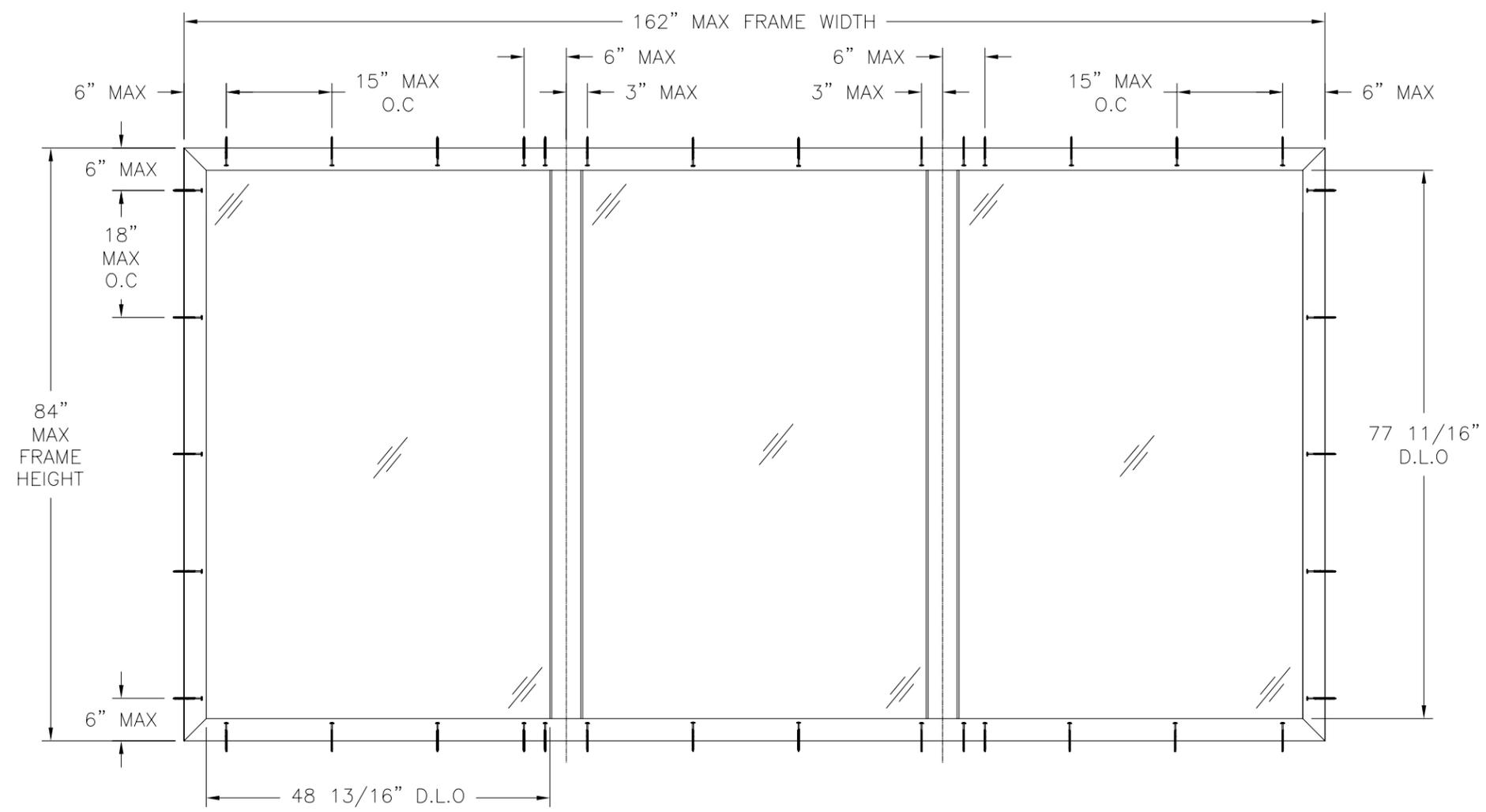
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SHEET NO.	DESCRIPTION
1	NOTES
2 - 3	ELEVATIONS
4	B.O.M. AND CROSS SECTIONS
5 - 8	INSTALLATION DETAILS
9	COMPONENTS.

		7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505      www.windoorinc.com	
<b>V130 VINYL FIXED WINDOW          SINGLE AND TRIPLE          NOTES</b>			
DRAWN: V.L.		DWG NO. 08-01754	
SCALE NTS		DATE 08/24/12	
		SHEET 1 OF 9	



Luis R. Lomas P.E.  
TX No.: 101889

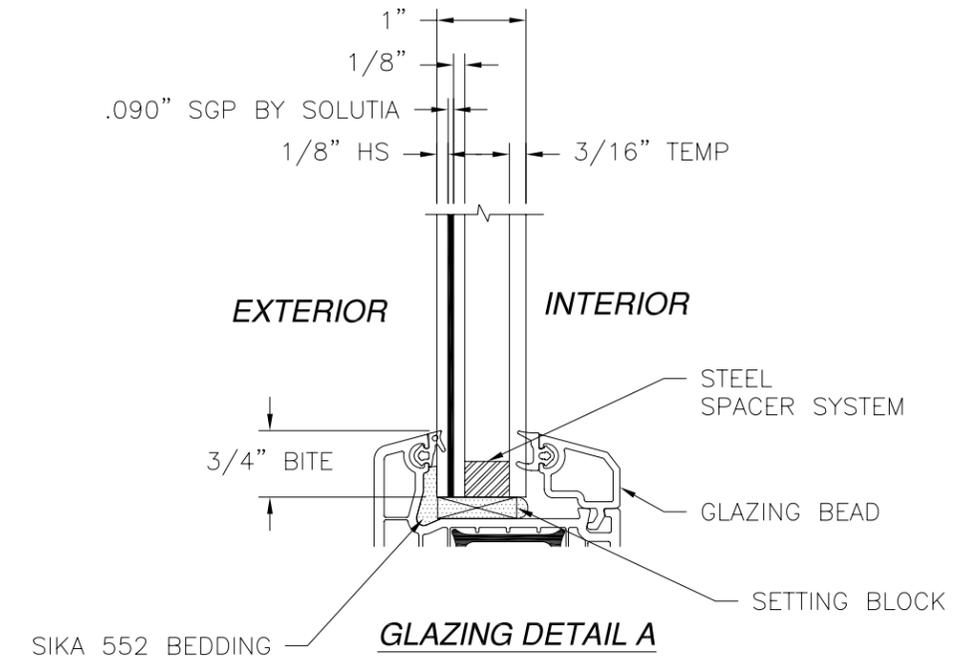
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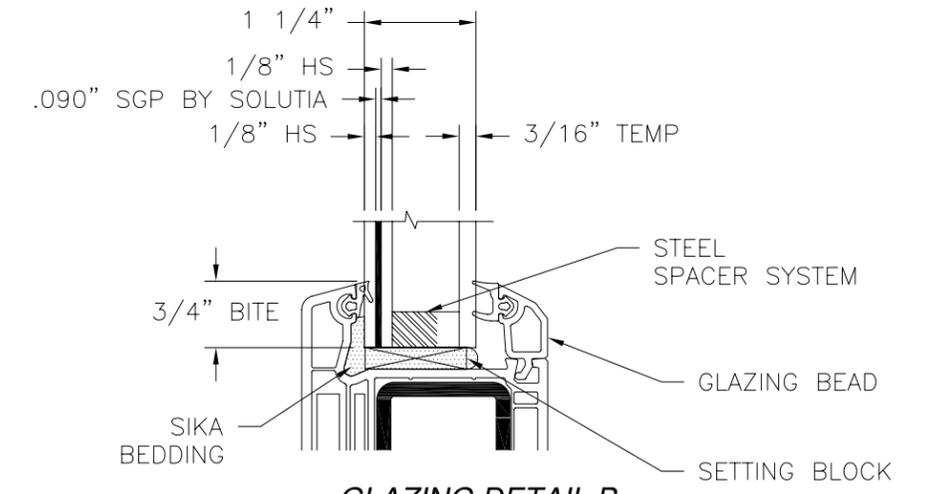
**V130 DIRECT SET VINYL FIXED WINDOW**  
 TRIPLE UNIT, FRAME INSTALLATION  
 EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±80.0PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4



**GLAZING DETAIL A**



**GLAZING DETAIL B**

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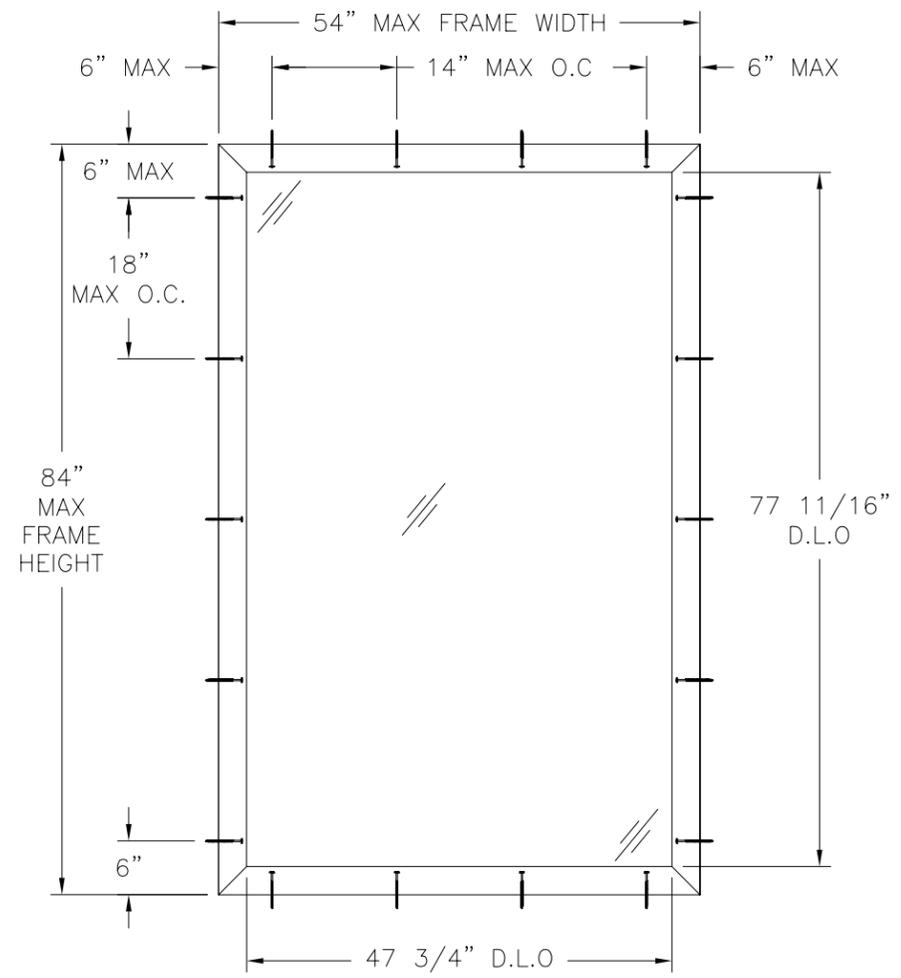
**WinDoor INCORPORATED** 7500 AMSTERDAM DRIVE  
 ORLANDO, FL 32832  
 Phone: 407.481.8400 Fax: 407.481.0505 www.windowinc.com

V130 VINYL FIXED WINDOW  
 SINGLE AND TRIPLE  
 TRIPLE. ELEVATION

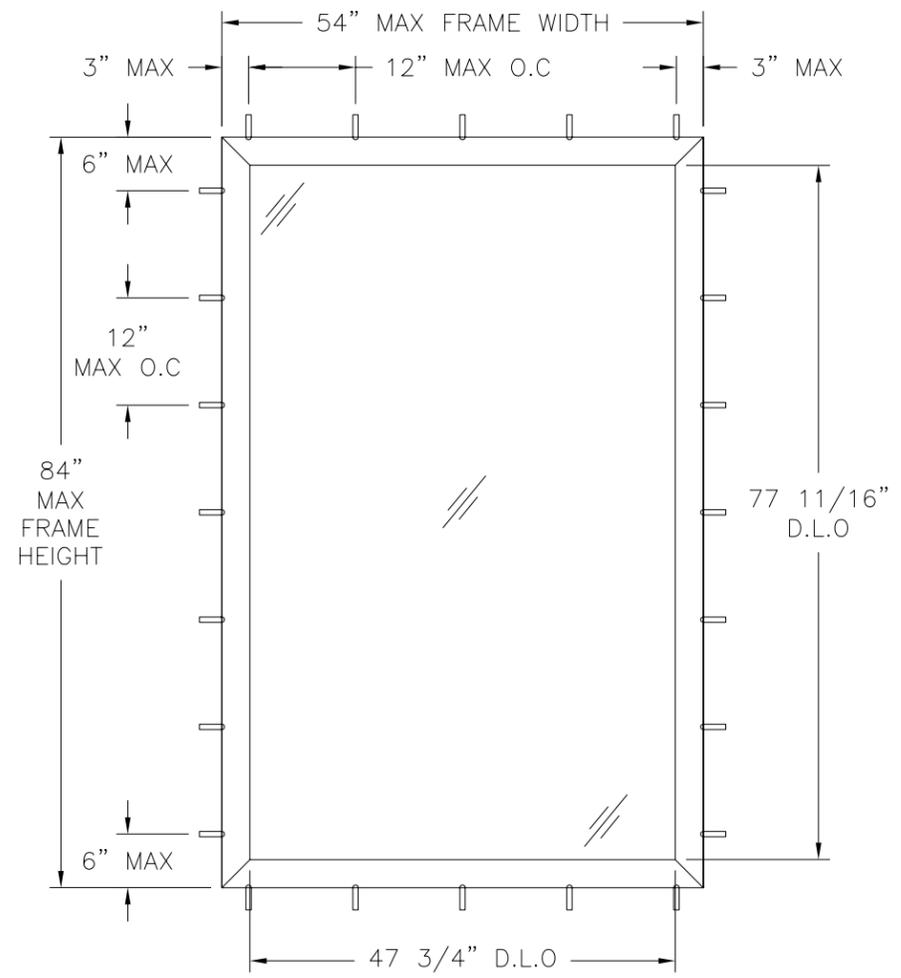
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**V130 DIRECT SET VINYL FIXED WINDOW**  
EXTERIOR VIEW  
FRAME INSTALLATION



**V130 DIRECT SET VINYL FIXED WINDOW**  
EXTERIOR VIEW  
CLIP INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING
±80.0PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4

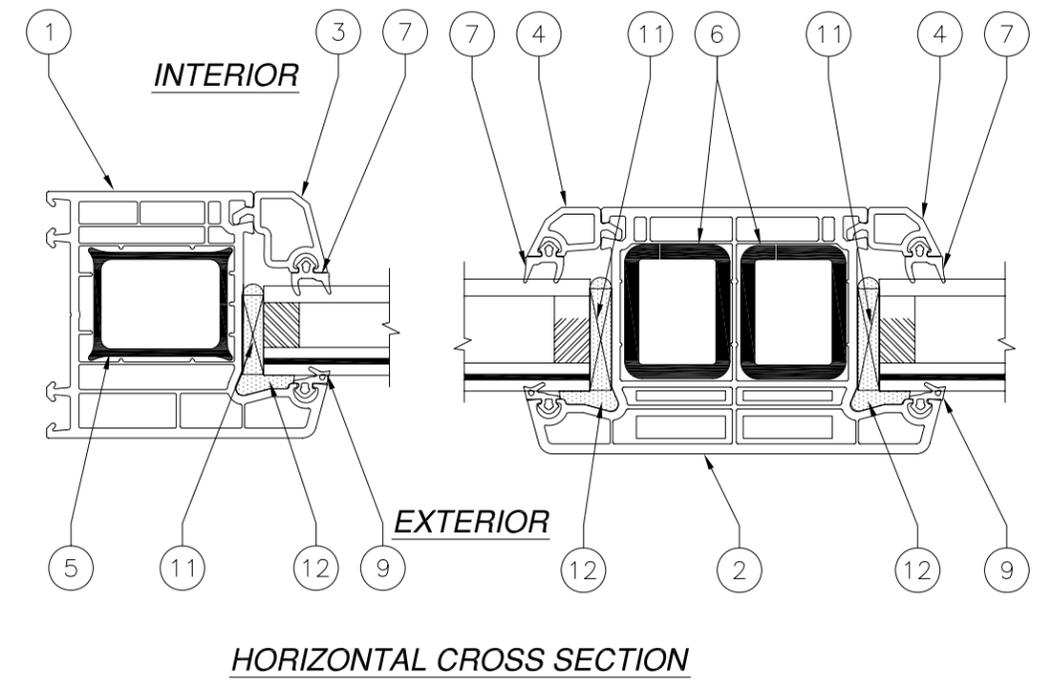
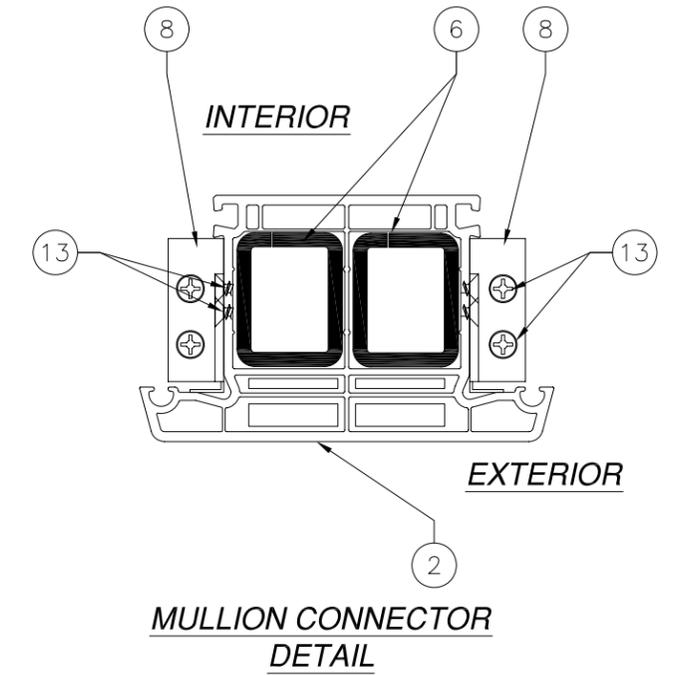
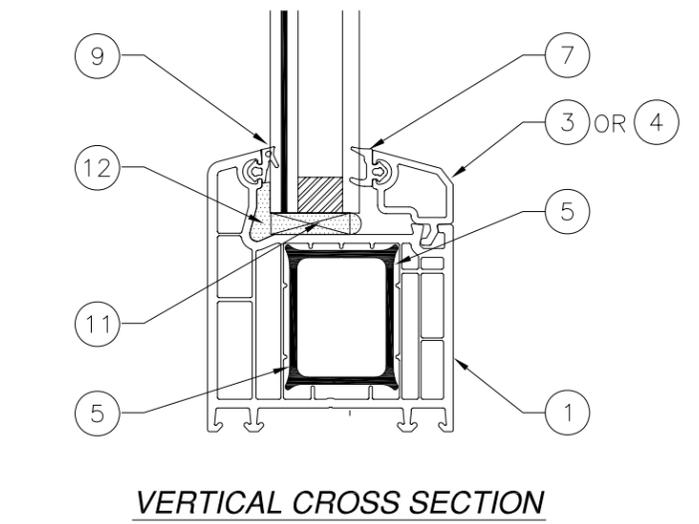
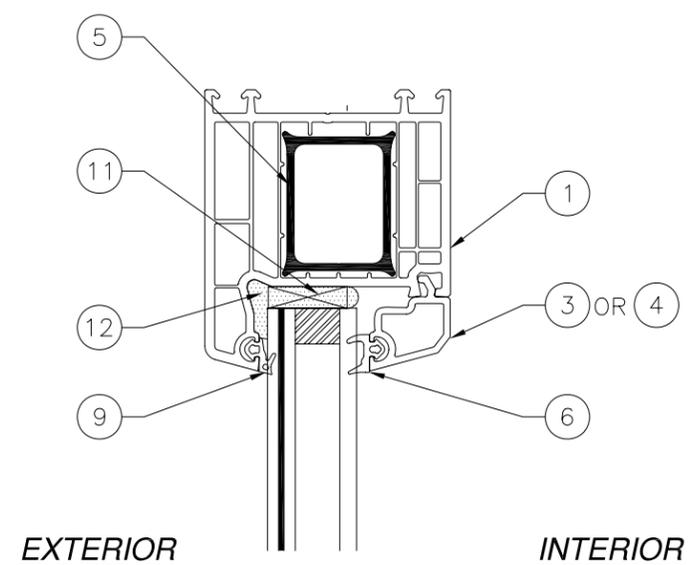
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V130 VINYL FIXED WINDOW SINGLE AND TRIPLE SINGLE ELEVATIONS			
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PARTS LIST				
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	101.214	FRAME	VEKA	RIGID PVC
2	102.238	118MM T MULLION	VEKA	RIGID PVC
3	107.200	1" GLAZING BEAD	VEKA	RIGID PVC
4	107.203	1 1/4" GLAZING BEAD	VEKA	RIGID PVC
5	FH-06512	FRAME REINFORCEMENT	KEYMARK	ALUMINUM 6005 T6
6	113.271.400.000PC	T MULLION REINFORCEMENT	VEKA	G90 GALV. STEEL
7	112.050	GLAZING GASKET	VEKA	DUROMETER 60
8	106.200.1	CONNECTOR	VEKA	G90 GALV. STEEL
9	112.253	GLAZING GASKET	VEKA	DUROMETER 70
10	141.138	WINDOW INSTALLATION ANCHOR	VEKA	G90 GALV. STEEL
11	01-100-7755-002	NEOPRENE SETTING BLOCK	FRANK LOWE	DUROMETER 80
12	SIKA 552	URETHANE SEALANT		
13		#10 X 3/4" FH SCREW		STAINLESSS STEEL

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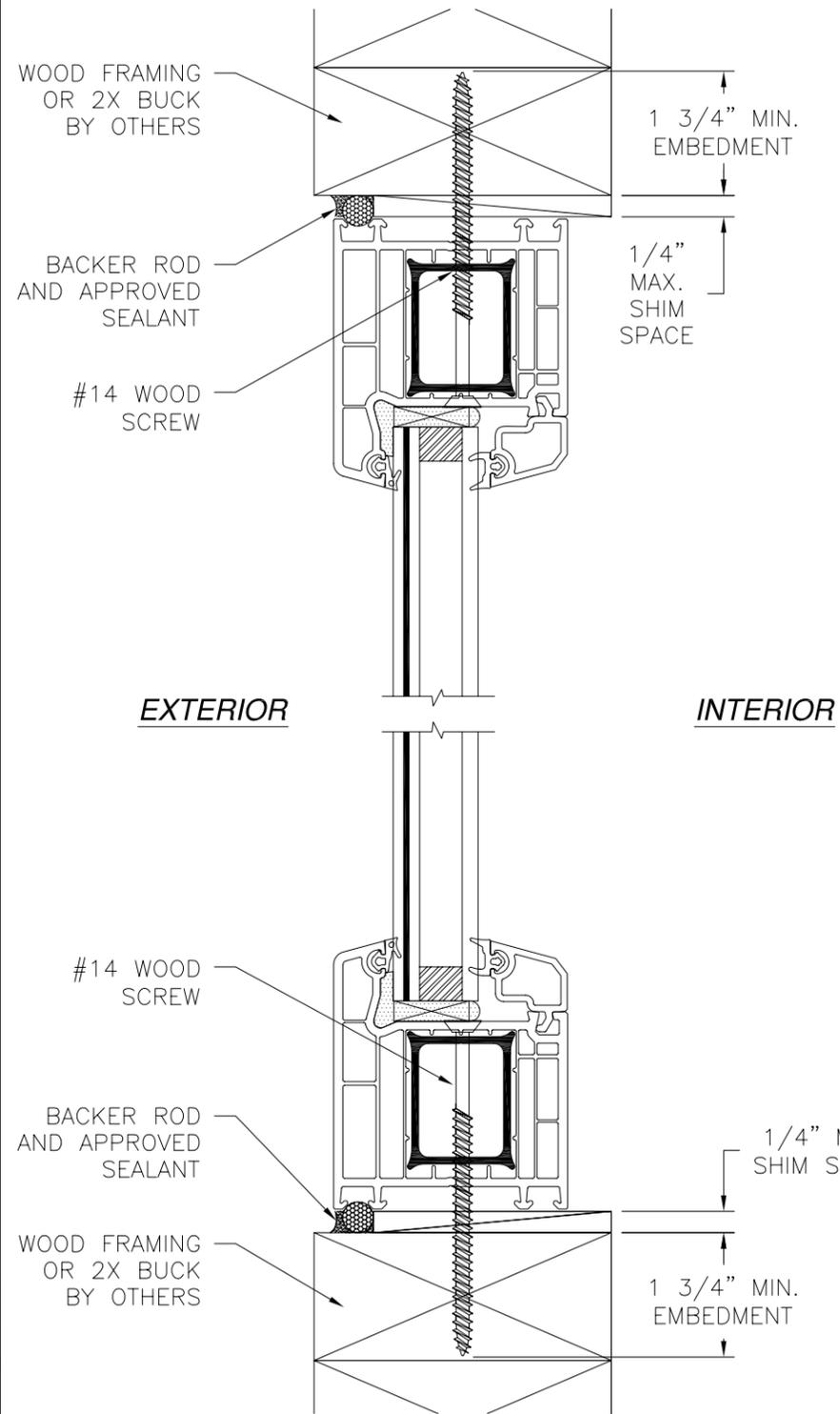


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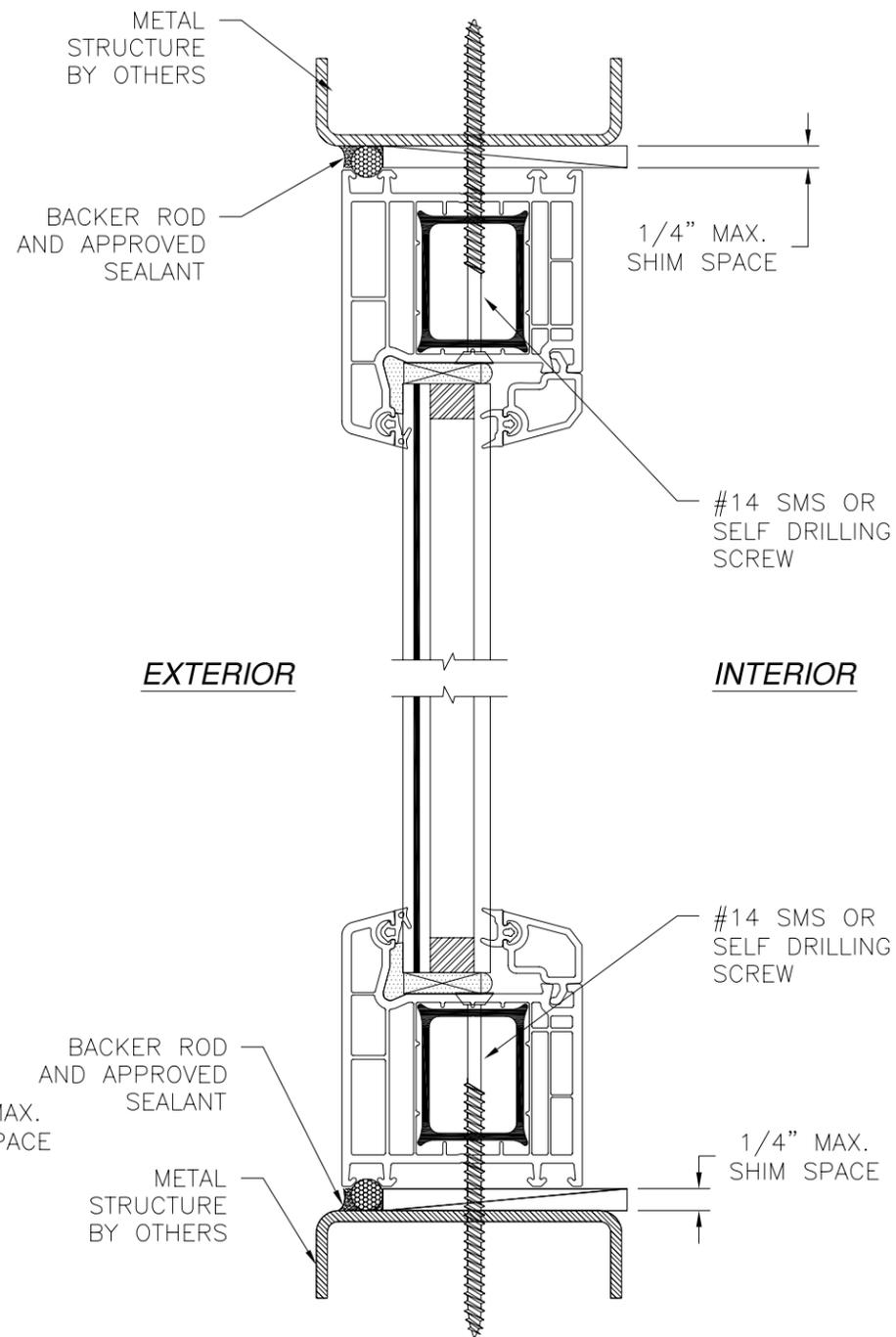
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**VERTICAL CROSS SECTION**  
WOOD FRAMING OR 2X BUCK INSTALLATION  
HEAD AND SILL SHOWN, JAMBS SIMILAR



**VERTICAL CROSS SECTION**  
METAL STRUCTURE INSTALLATION  
HEAD AND SILL SHOWN, JAMBS SIMILAR

NOTE: - SEALANT AND BACKER ROD MATERIAL AND JOINT DESIGN BY OTHERS.  
- INTERIOR AND EXTERIOR FINISHES BY OTHERS OMITTED FOR CLARITY.

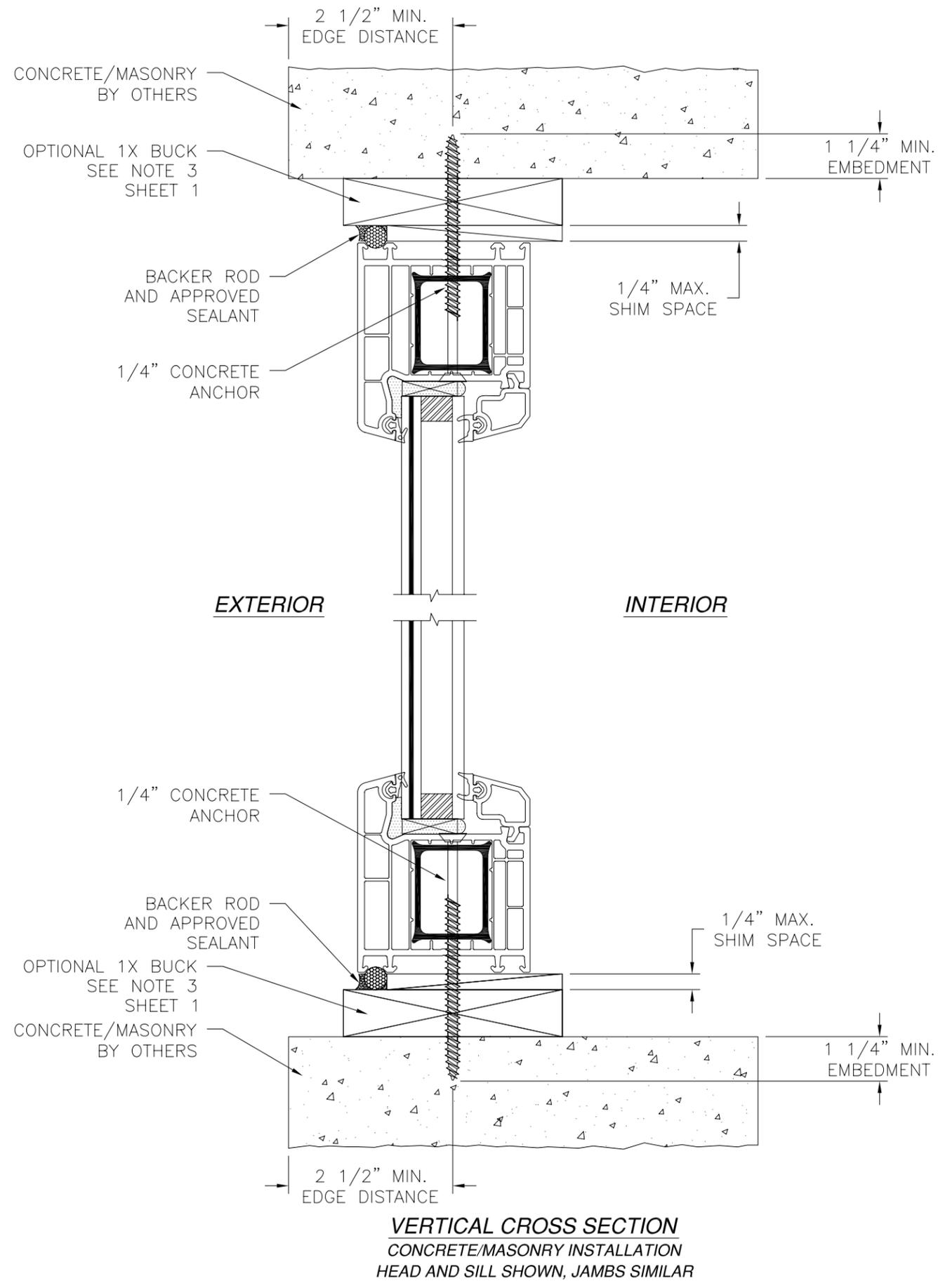
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V130 VINYL FIXED WINDOW SINGLE AND TRIPLE FRAME INSTALLATION DETAILS		
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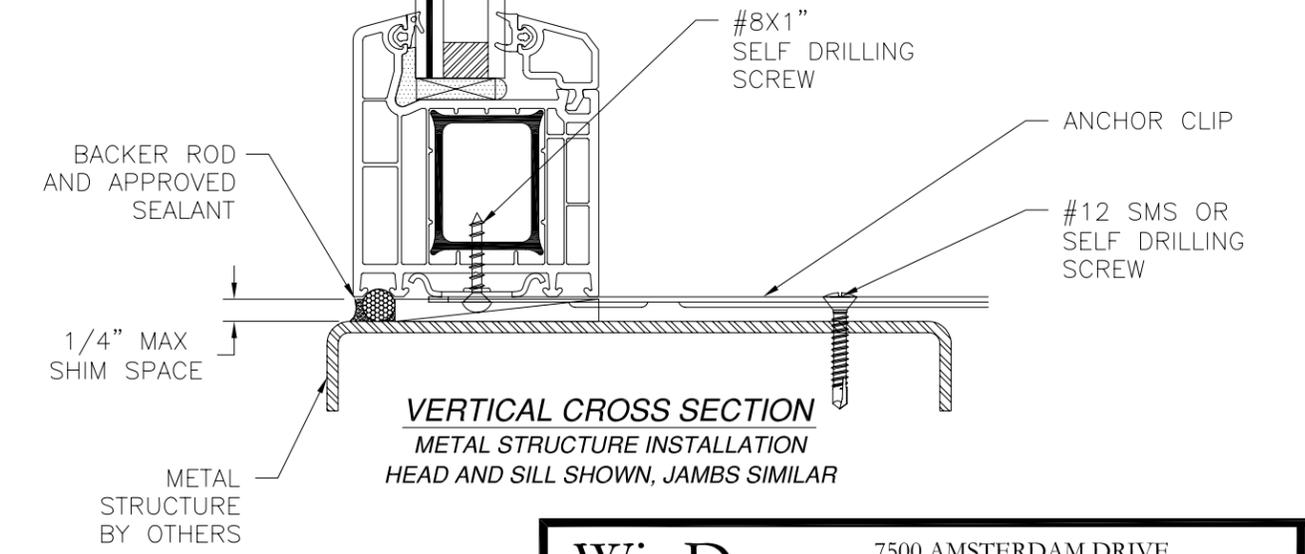
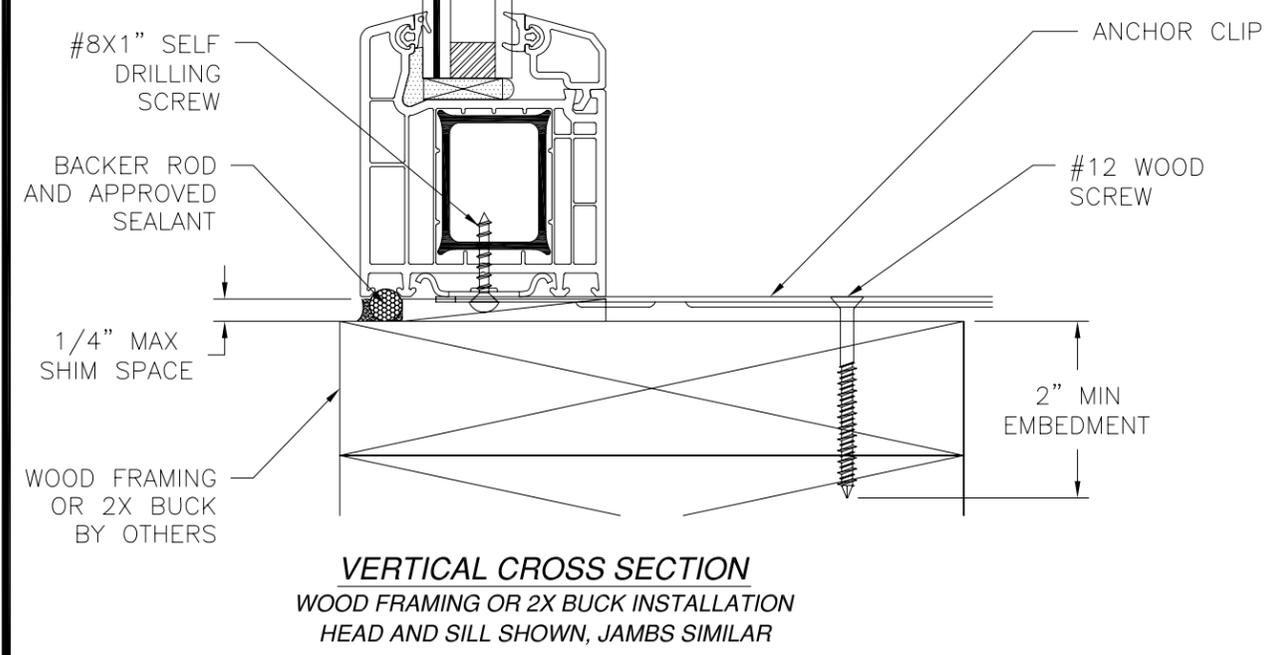
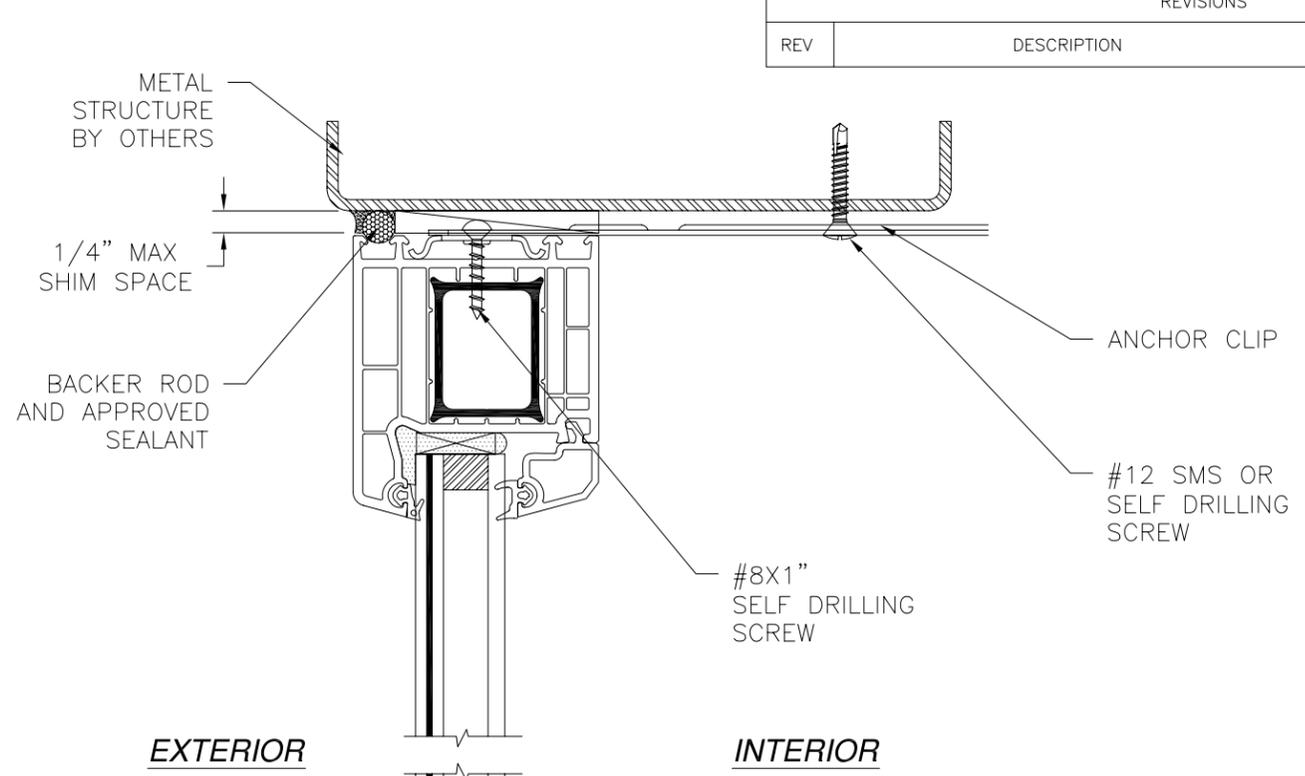
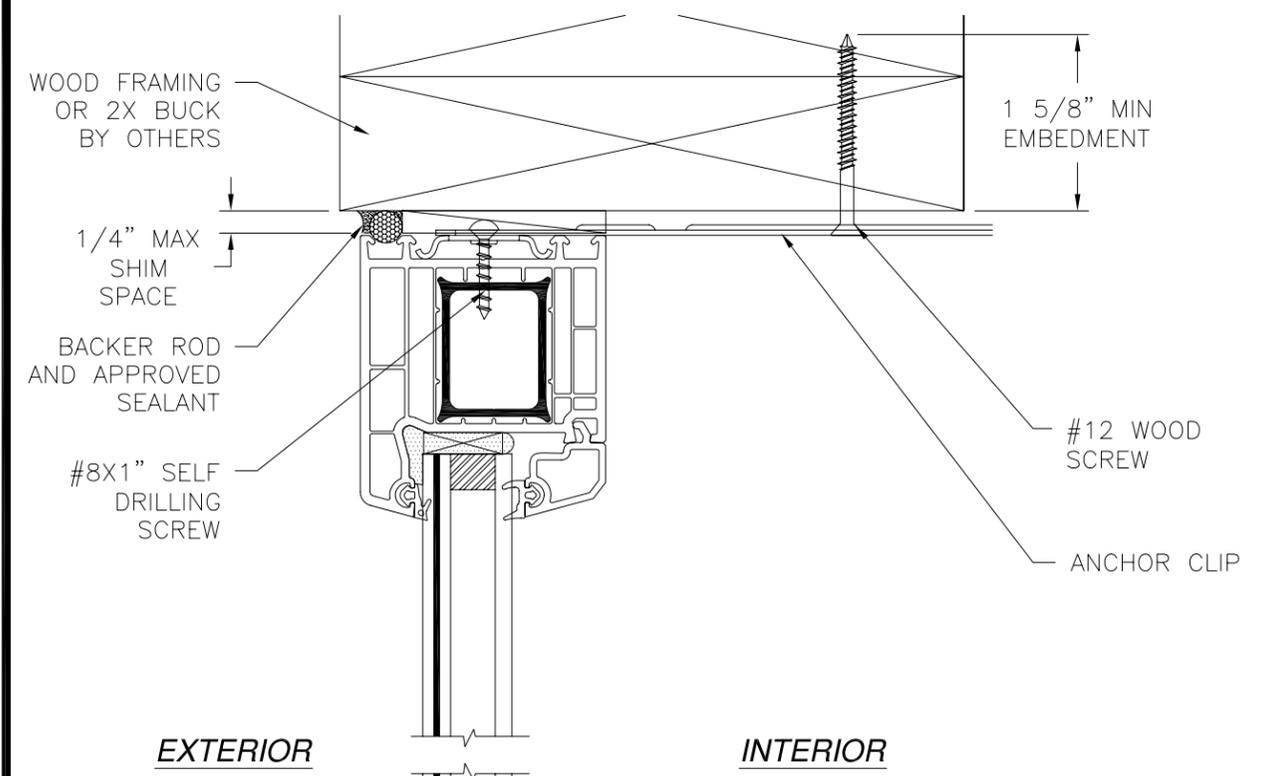
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<b>V130 VINYL FIXED WINDOW          SINGLE AND TRIPLE          FRAME INSTALLATION DETAILS</b>		
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**VERTICAL CROSS SECTION**  
 CONCRETE/MASONRY INSTALLATION  
 HEAD AND SILL SHOWN, JAMBS SIMILAR

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**VERTICAL CROSS SECTION**  
WOOD FRAMING OR 2X BUCK INSTALLATION  
HEAD AND SILL SHOWN, JAMBS SIMILAR

**VERTICAL CROSS SECTION**  
METAL STRUCTURE INSTALLATION  
HEAD AND SILL SHOWN, JAMBS SIMILAR

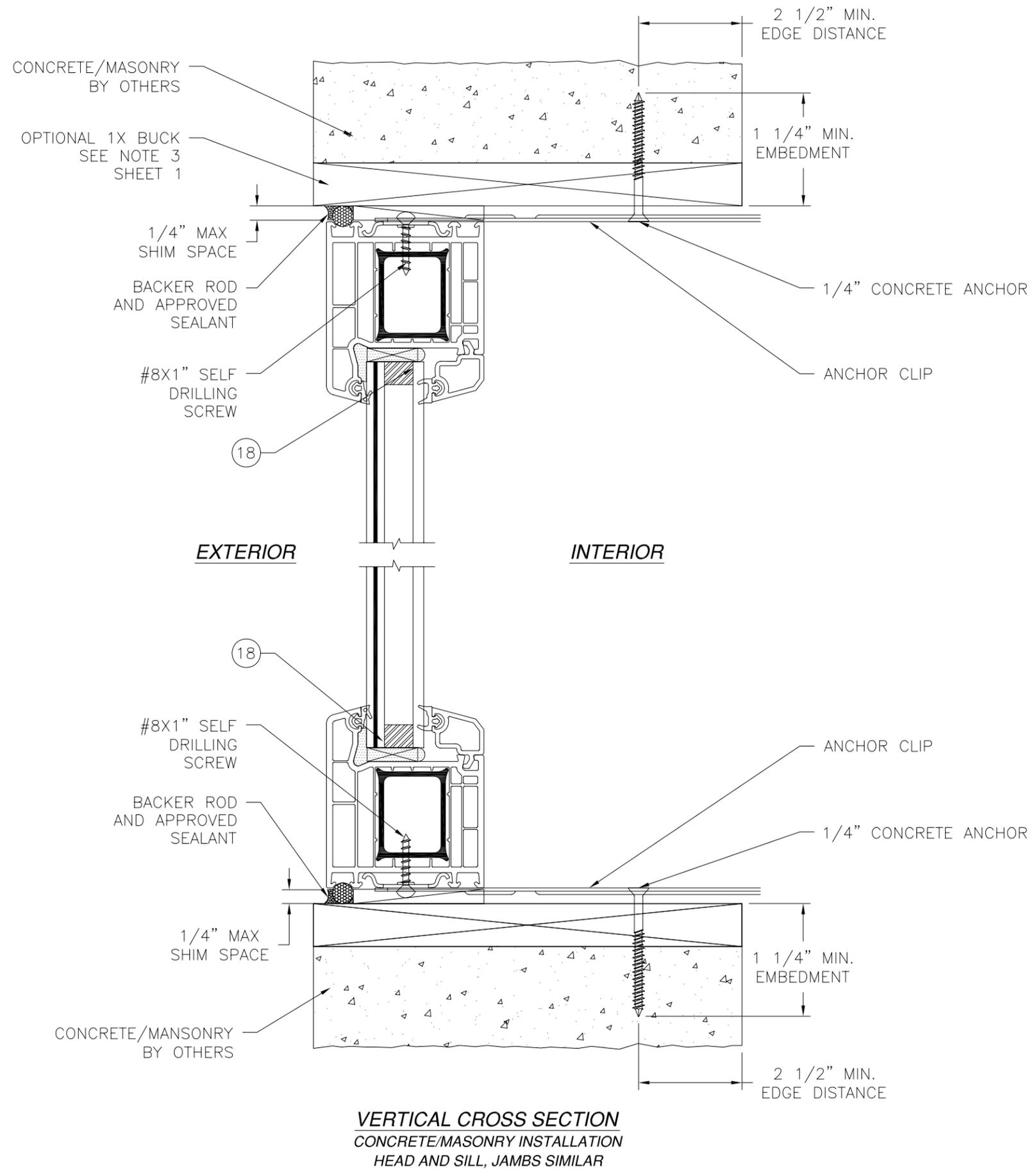
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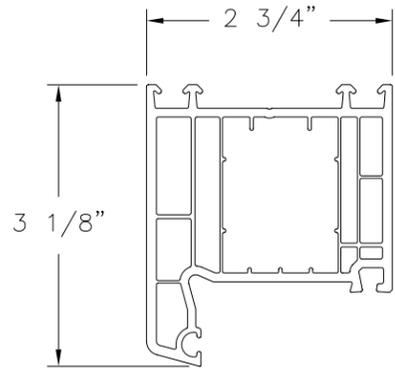
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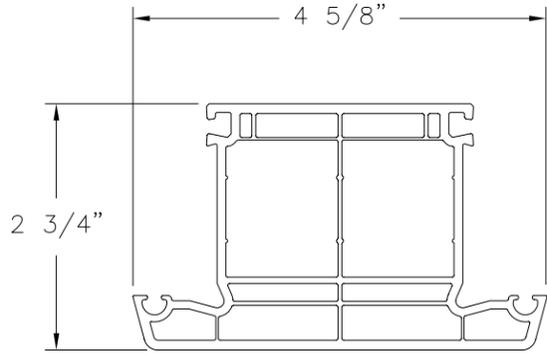
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**VERTICAL CROSS SECTION**  
 CONCRETE/MASONRY INSTALLATION  
 HEAD AND SILL, JAMBS SIMILAR

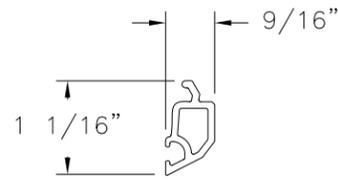
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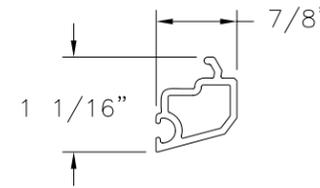
① **FRAME**  
RIGID PVC .110" THICK



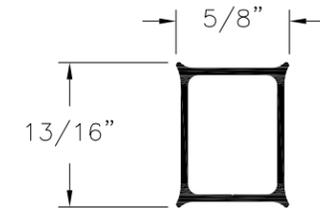
② **T MULLION**  
RIGID PVC .110" THICK



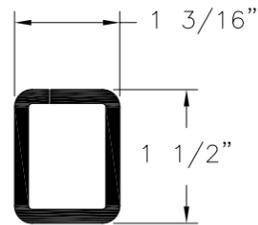
③ **GLAZING BEAD**  
RIGID PVC .075" THICK



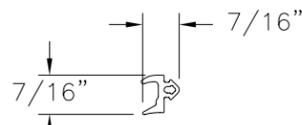
④ **GLAZING BEAD**  
RIGID PVC .075" THICK



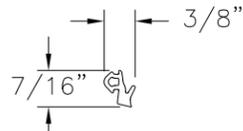
⑤ **REINFORCEMENT**  
ALUMINUM 6005-T6 .080" THICK



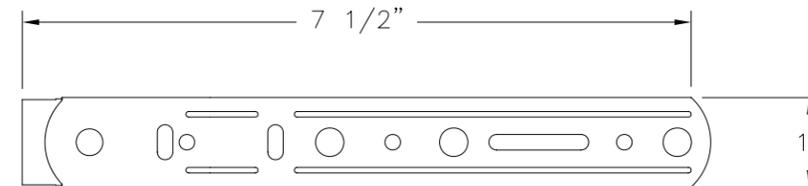
⑥ **REINFORCEMENT**  
G90 GALVANIZED STEEL .157" THICK



⑦ **GLAZING GASKET**  
EPDM 60 DUROMETER



⑨ **GLAZING GASKET**  
EPDM 70 DUROMETER



⑩ **ANCHOR CLIP**  
G90 GALVANIZED STEEL .058" THICK

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	V130 VINYL FIXED WINDOW SINGLE AND TRIPLE COMPONENTS	
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