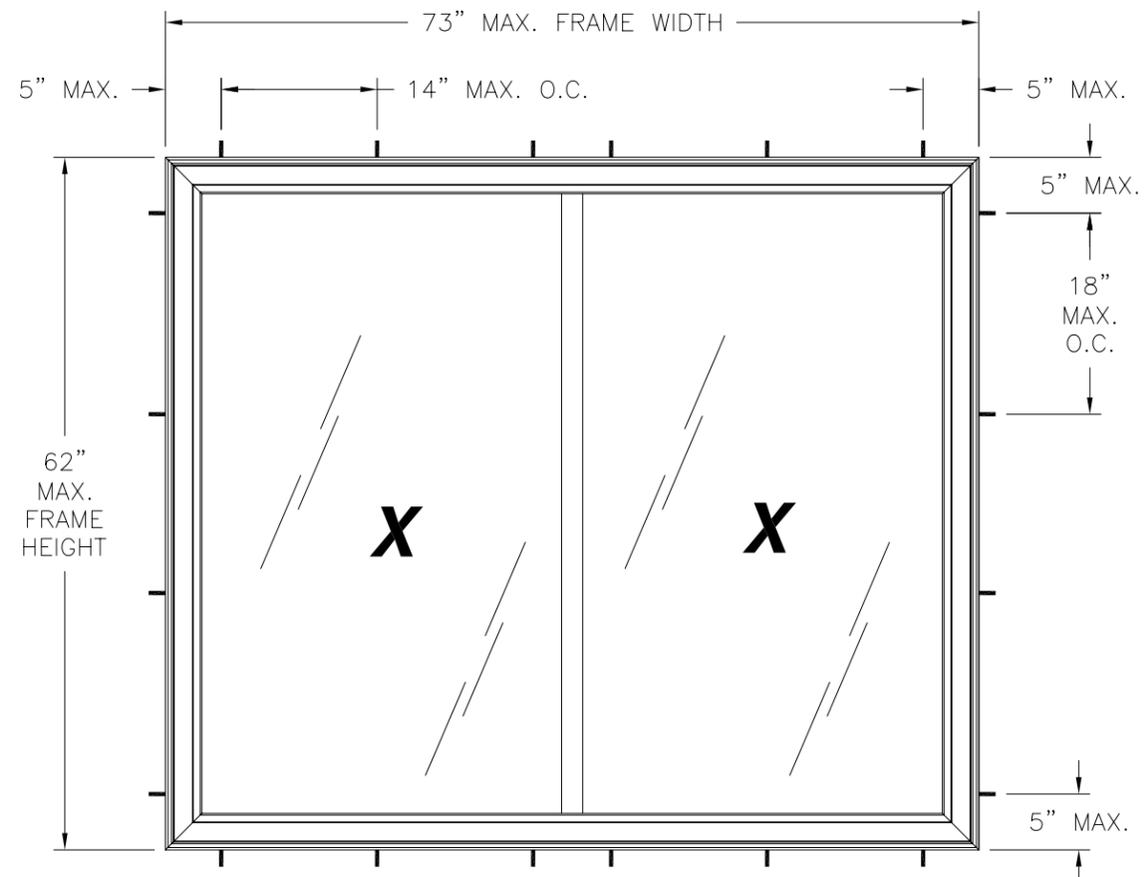


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



**V-470 PVC HORIZONTAL SLIDING WINDOW**  
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±65PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 3

**NOTES:**

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE THE RESIDENTIAL CODE WITH STATE OF THE 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 4 FOR GLASS DETAIL.
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 ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
10. FOR ANCHORING INTO MASONRY/CONCRETE USE 3/16" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
11. FOR ANCHORING INTO METAL STRUCTURE USE #10 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. ALL FASTENERS TO BE CORROSION RESISTANT.
13. 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

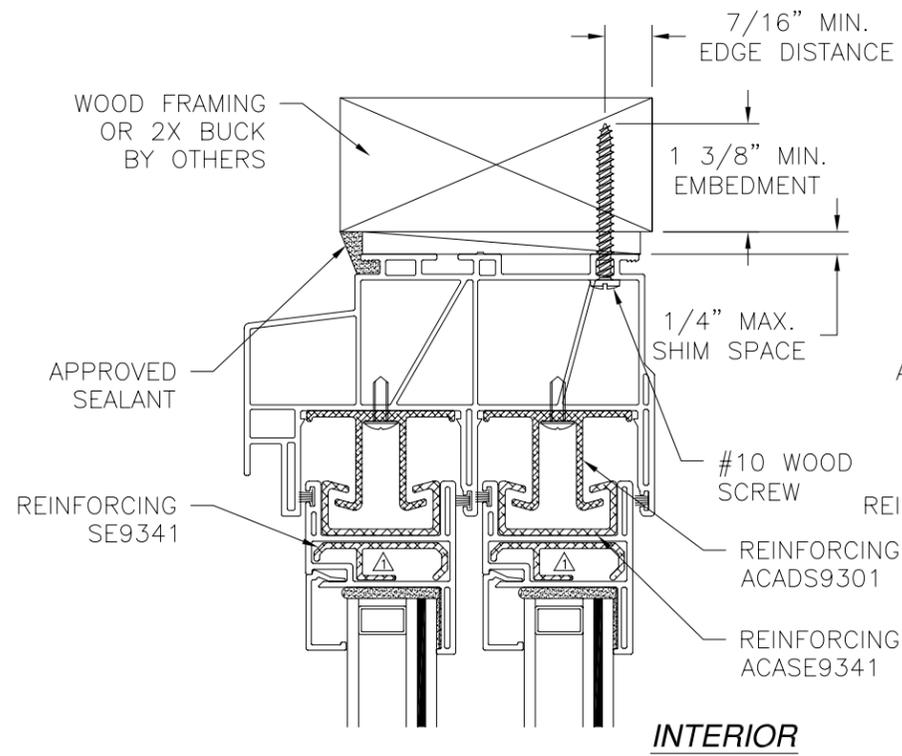
SIGNED: 06/26/2012

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	ELEVATION, ANCHORING AND NOTES
2 - 3	INSTALLATION DETAILS
4	COMPONENTS AND GLAZING DETAIL

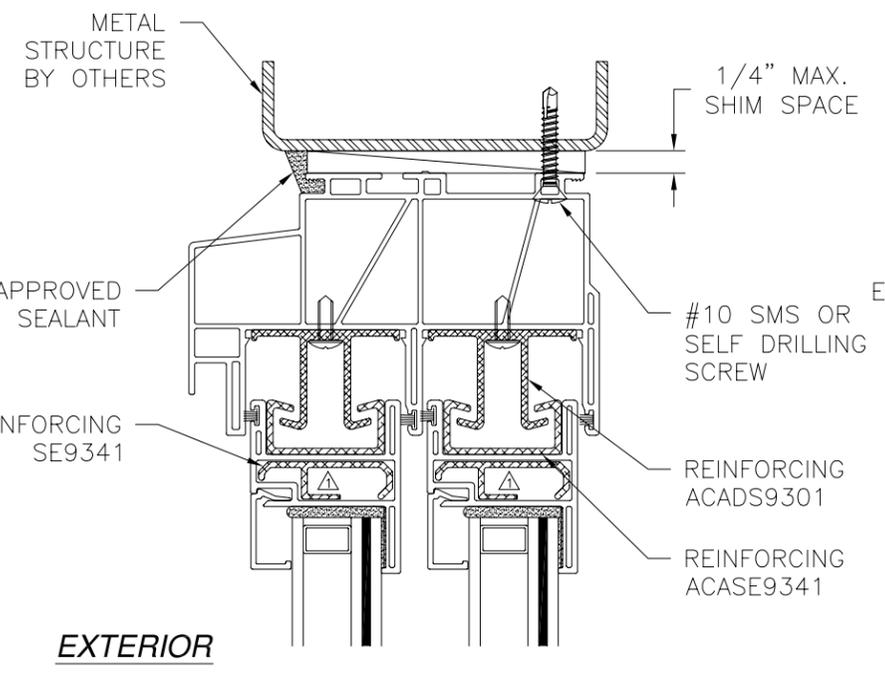
		7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com
<b>V-470 PVC HORIZONTAL SLIDING WINDOW</b> <b>73 x 62 REINFORCED IMPACT</b> <b>ELEVATION AND NOTES</b>		
DRAWN: A.P.	DWG NO. 08-01651	REV -
SCALE NTS	DATE 06/26/12	SHEET 1 OF 4

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

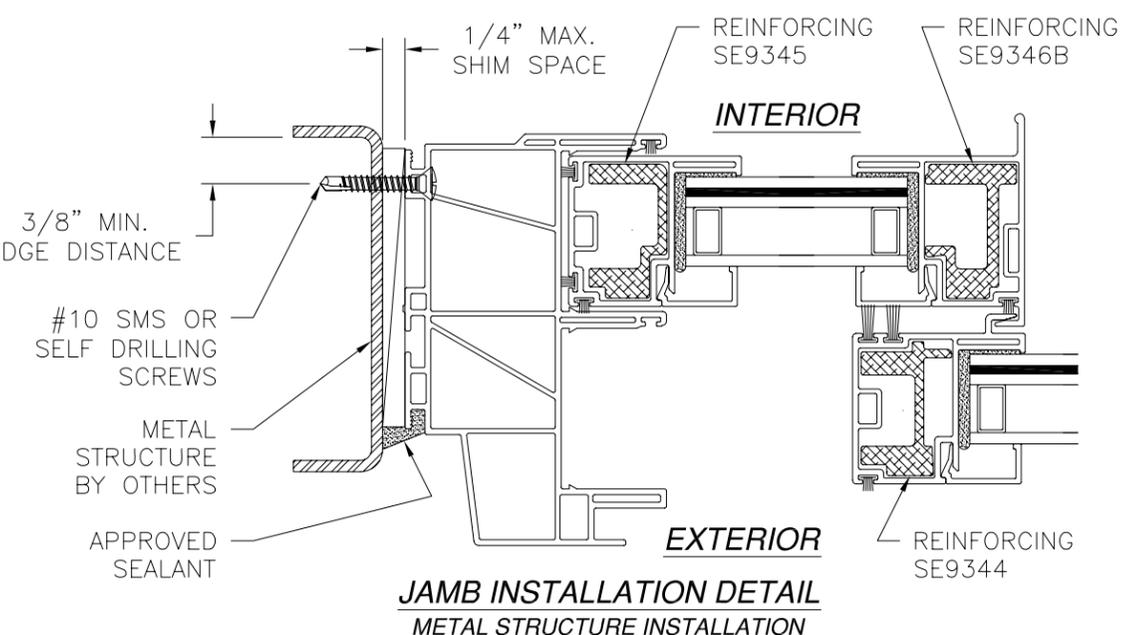
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



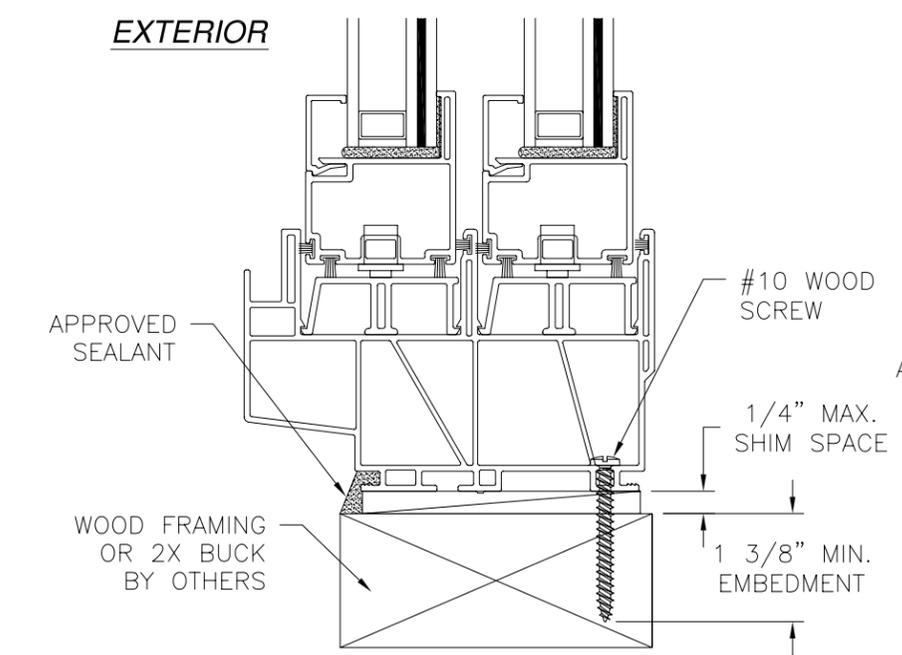
**INTERIOR**



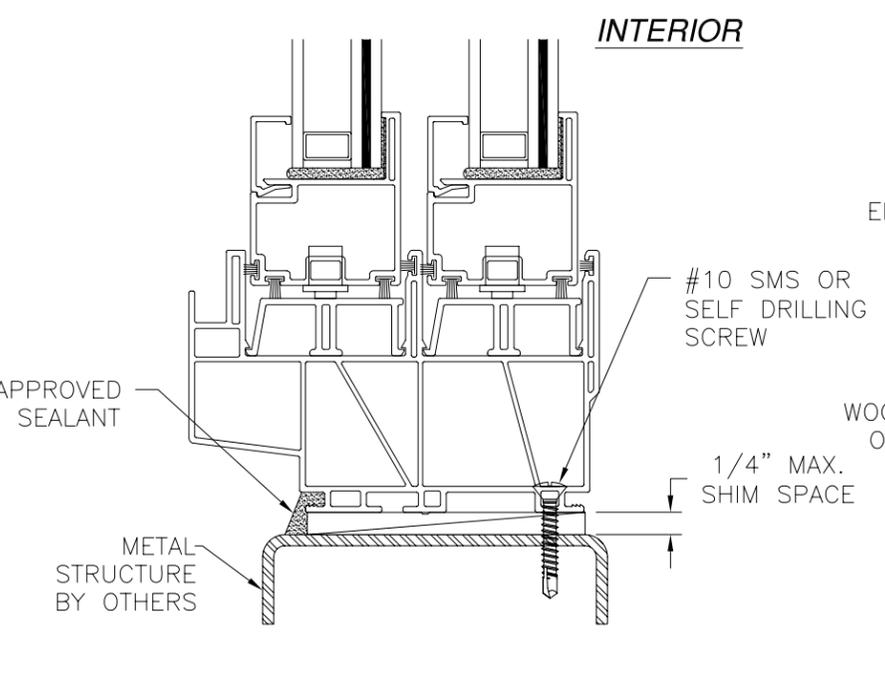
**EXTERIOR**



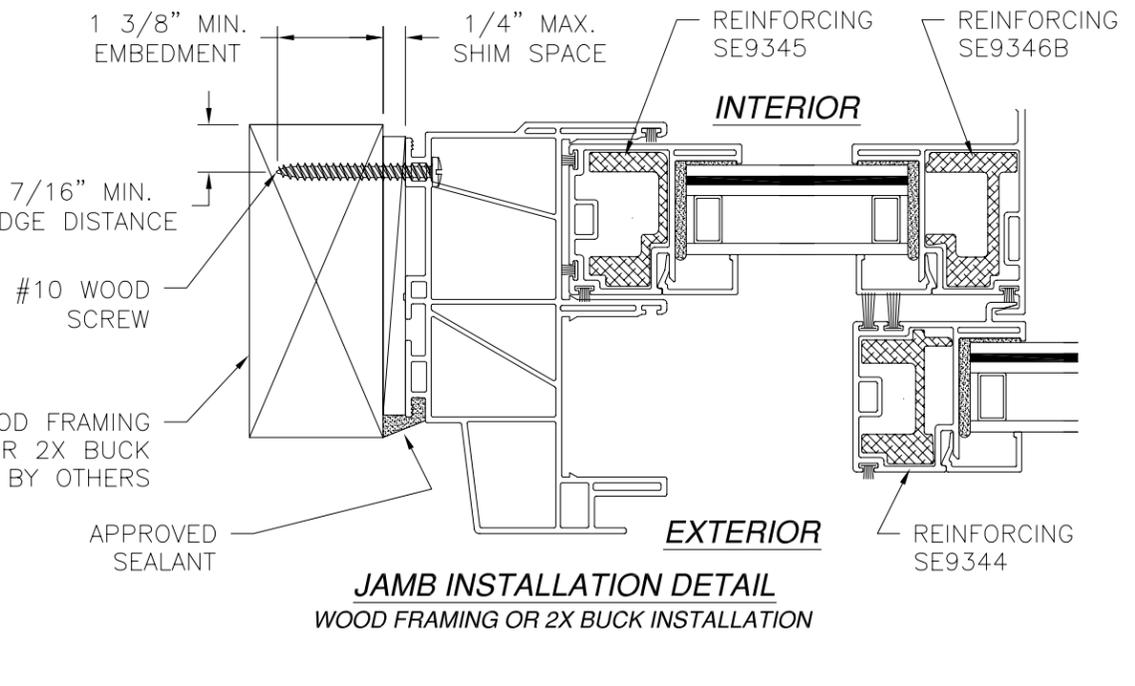
**JAMB INSTALLATION DETAIL  
METAL STRUCTURE INSTALLATION**



**EXTERIOR**



**INTERIOR**



**JAMB INSTALLATION DETAIL  
WOOD FRAMING OR 2X BUCK INSTALLATION**

**VERTICAL CROSS SECTION  
WOOD FRAMING OR 2X BUCK INSTALLATION**

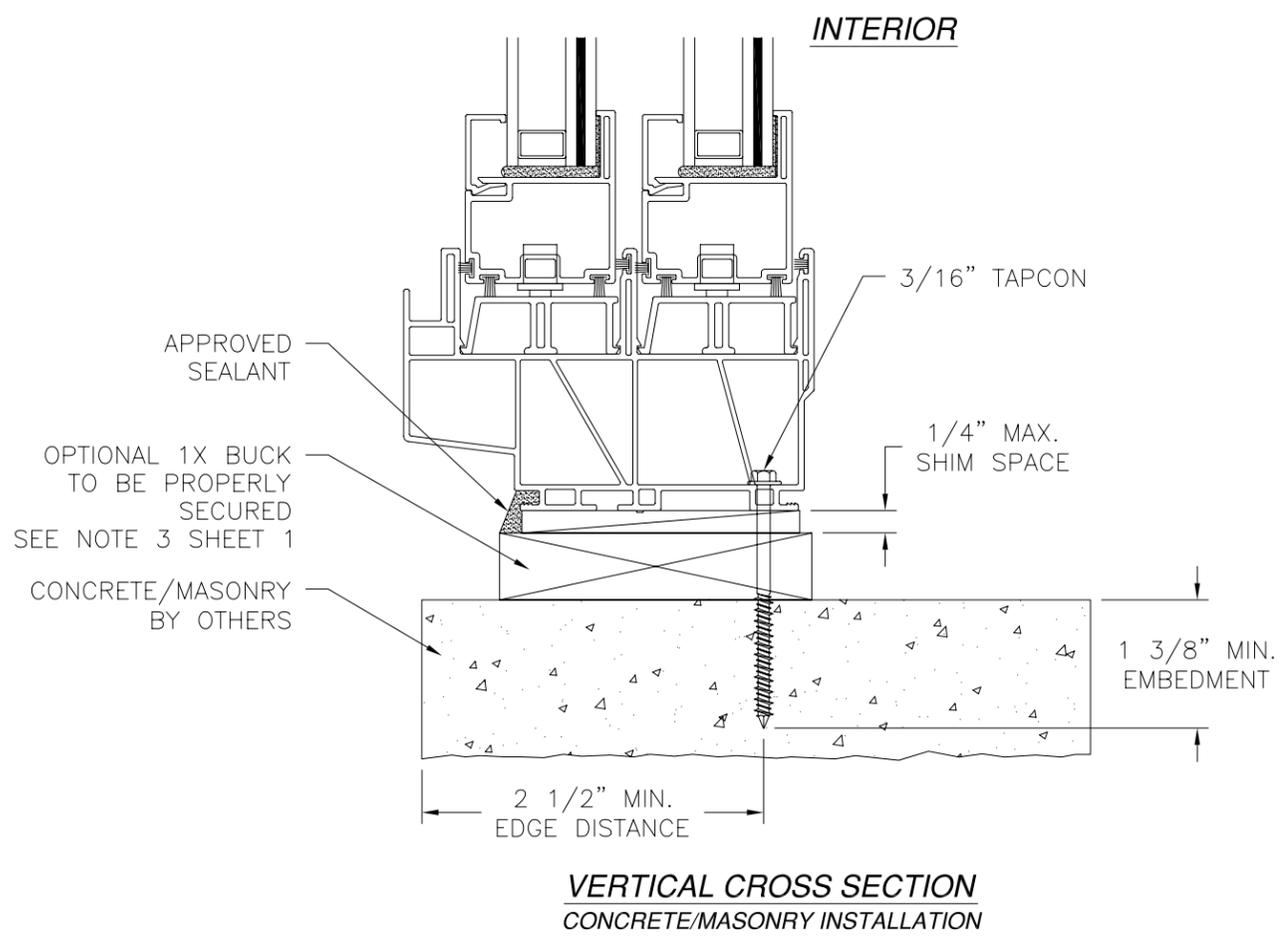
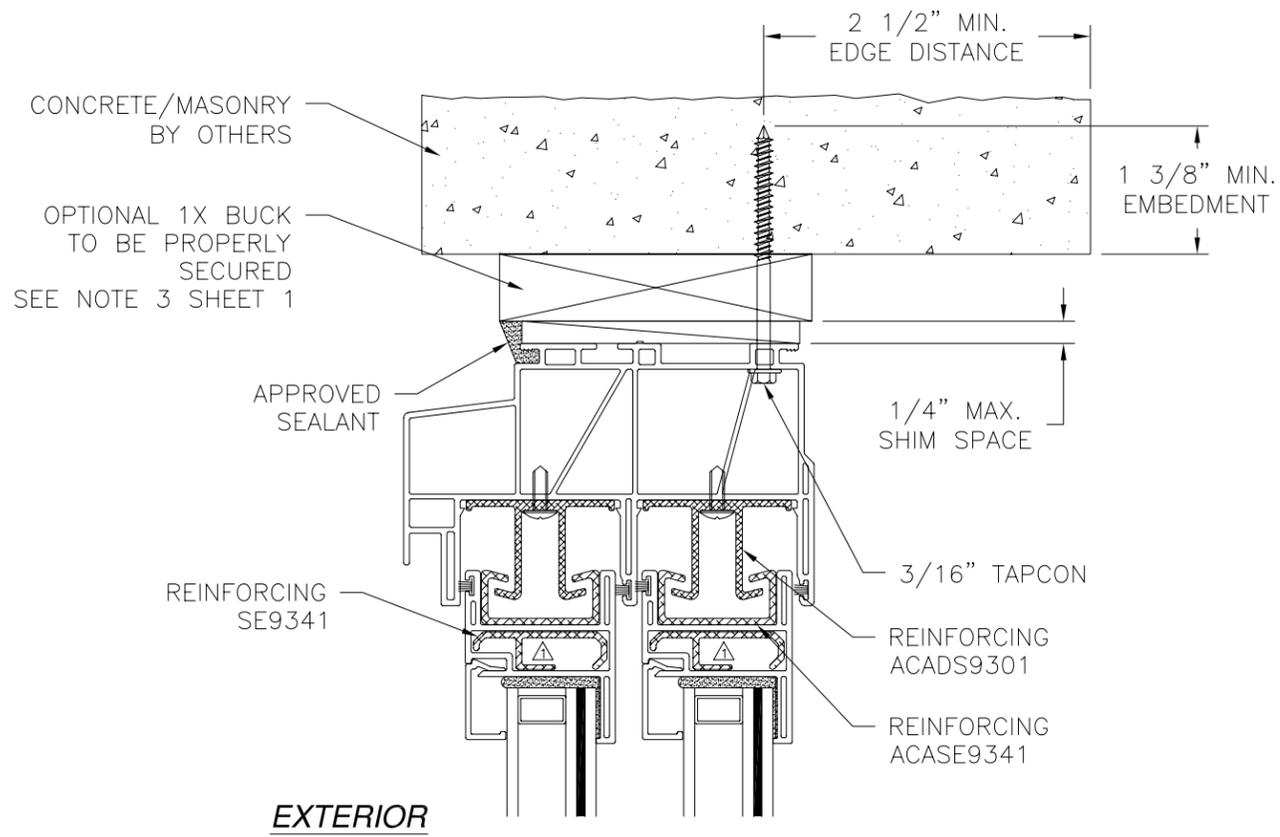
**VERTICAL CROSS SECTION  
METAL STRUCTURE INSTALLATION**

**NOTE:**  
INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.

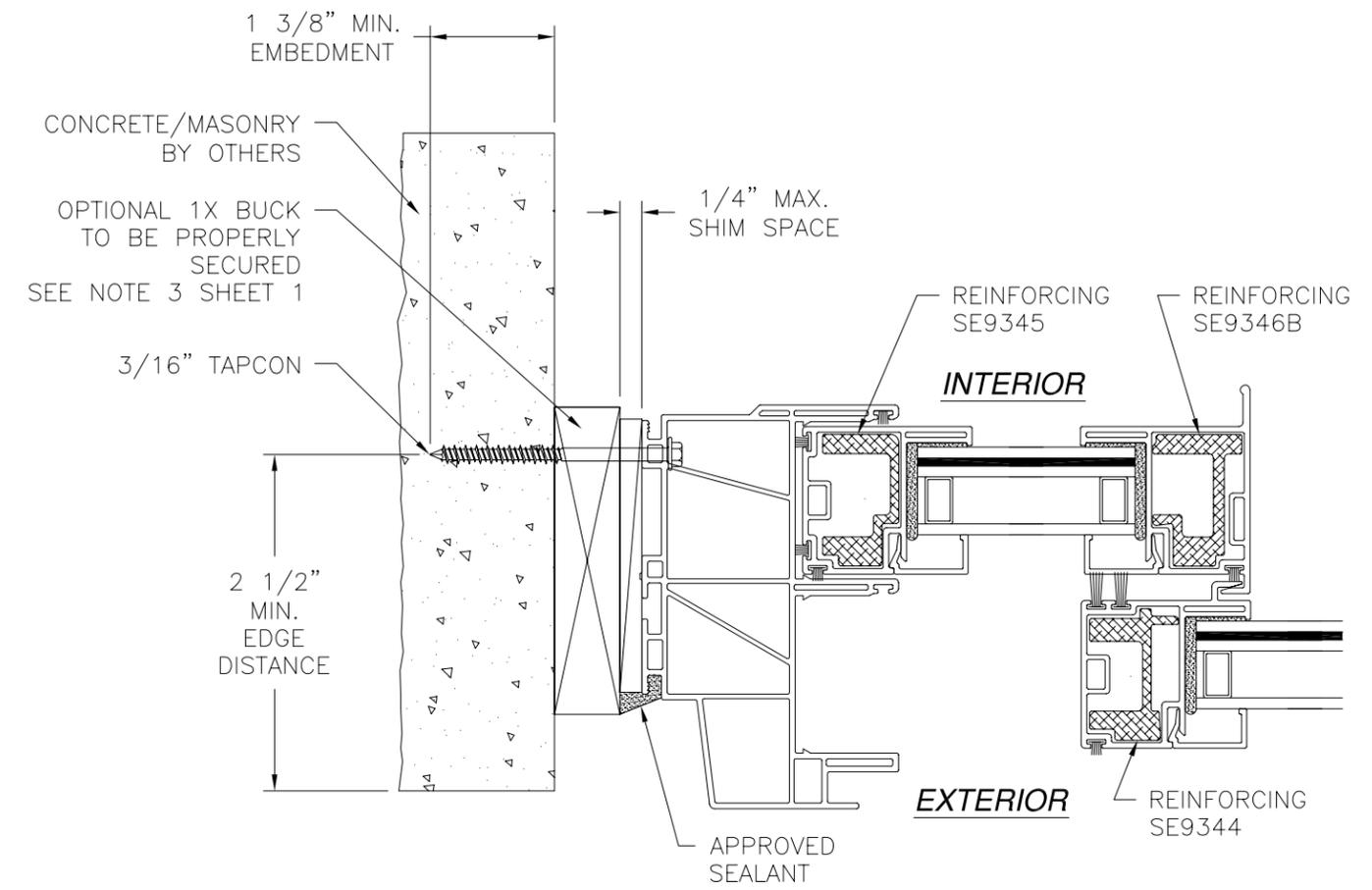
<b>WinDoor</b> INCORPORATED		7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windowinc.com
V-470 PVC HORIZONTAL SLIDING WINDOW 73 x 62 REINFORCED IMPACT INSTALLATION DETAILS		
DRAWN: A.P.	DWG NO. 08-01651	REV -
SCALE NTS	DATE 06/26/12	SHEET 2 OF 4

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



**VERTICAL CROSS SECTION**  
CONCRETE/MASONRY INSTALLATION



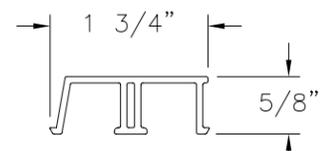
**JAMB INSTALLATION DETAIL**  
CONCRETE/MASONRY INSTALLATION

**NOTE:**  
INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.

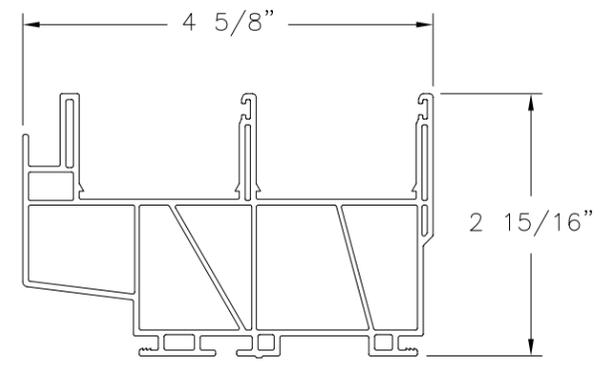
<b>WinDoor</b> INCORPORATED		7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windowinc.com
V-470 PVC HORIZONTAL SLIDING WINDOW 73 x 62 REINFORCED IMPACT INSTALLATION DETAILS		
DRAWN: A.P.	DWG. NO. 08-01651	REV -
SCALE NTS	DATE 06/26/12	SHEET 3 OF 4

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

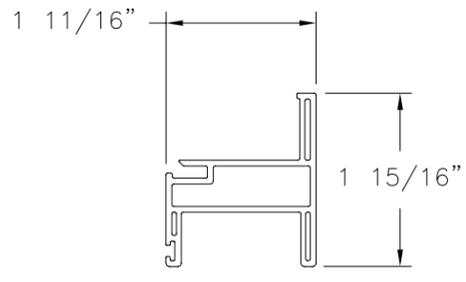
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



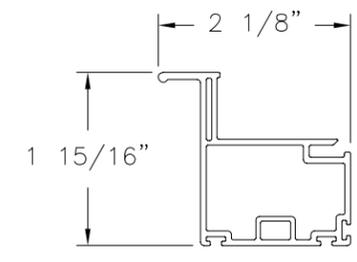
**ROLLER TRACK (DS9308)**  
VINYL PVC .070" THICK



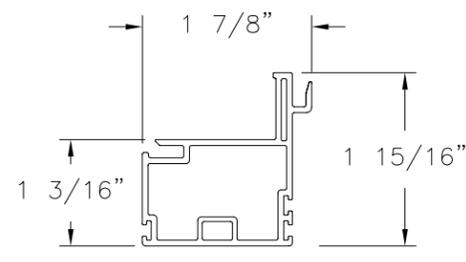
**FRAME (DS9301)**  
VINYL PVC .065" THICK



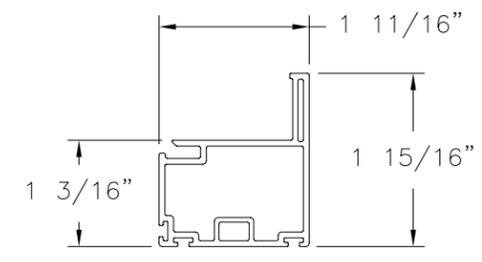
**SASH TOP (SE9341)**  
VINYL PVC .065" THICK



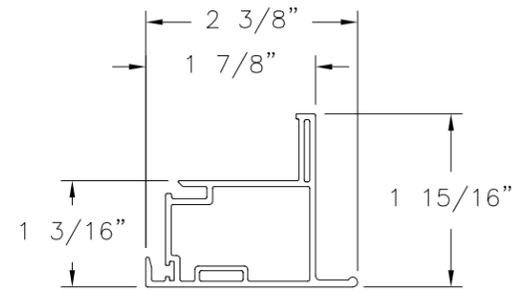
**RAIL (SE9345)**  
VINYL PVC .065" THICK



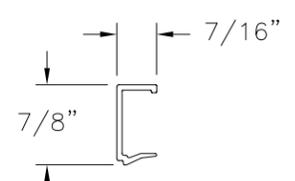
**MEETING RAIL (SE9344)**  
VINYL PVC .065" THICK



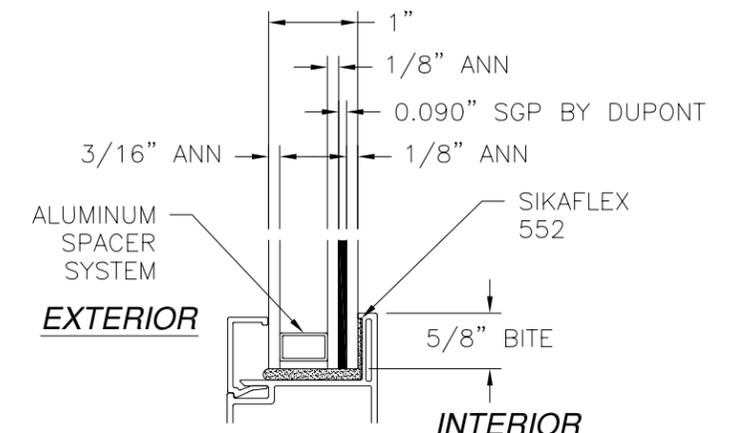
**COMMON SASH (SE9345)**  
VINYL PVC .065" THICK



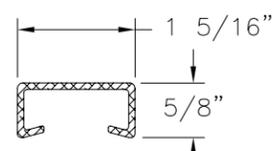
**LIFT RAIL (SE9346)**  
VINYL PVC .065" THICK



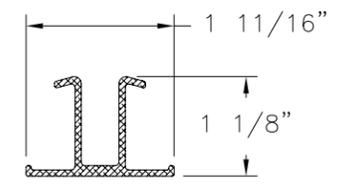
**3/4" GLAZING BEAD (BV137)**  
VINYL PVC .059" THICK



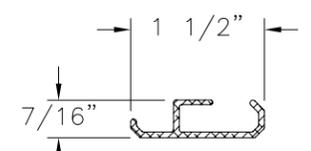
**GLAZING DETAIL**



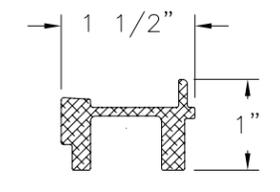
**REINFORCING (ACASE9341)**  
ALUMINUM 6063-T6 .07" THICK



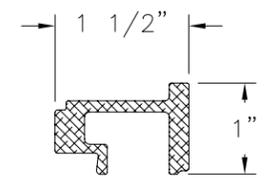
**REINFORCING (ACADS9301)**  
ALUMINUM 6063-T6 .07" THICK



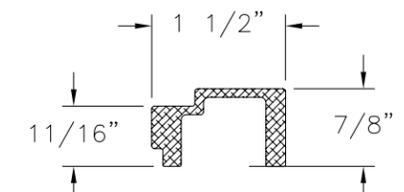
**REINFORCING (SE9341)**  
ALUMINUM 6063-T6 .065" THICK



**REINFORCING (SE9344)**  
ALUMINUM 6063-T6 .09" THICK



**REINFORCING (SE9346B)**  
ALUMINUM 6063-T6 .09" THICK



**REINFORCING (SE9345)**  
ALUMINUM 6063-T5 .095" THICK

**WinDoor**  
INCORPORATED

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

V-470 PVC HORIZONTAL SLIDING WINDOW  
73 x 62 REINFORCED IMPACT  
COMPONENTS

DRAWN: A.P.	DWG. NO. 08-01651	REV -
SCALE NTS	DATE 06/26/12	SHEET 4 OF 4

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