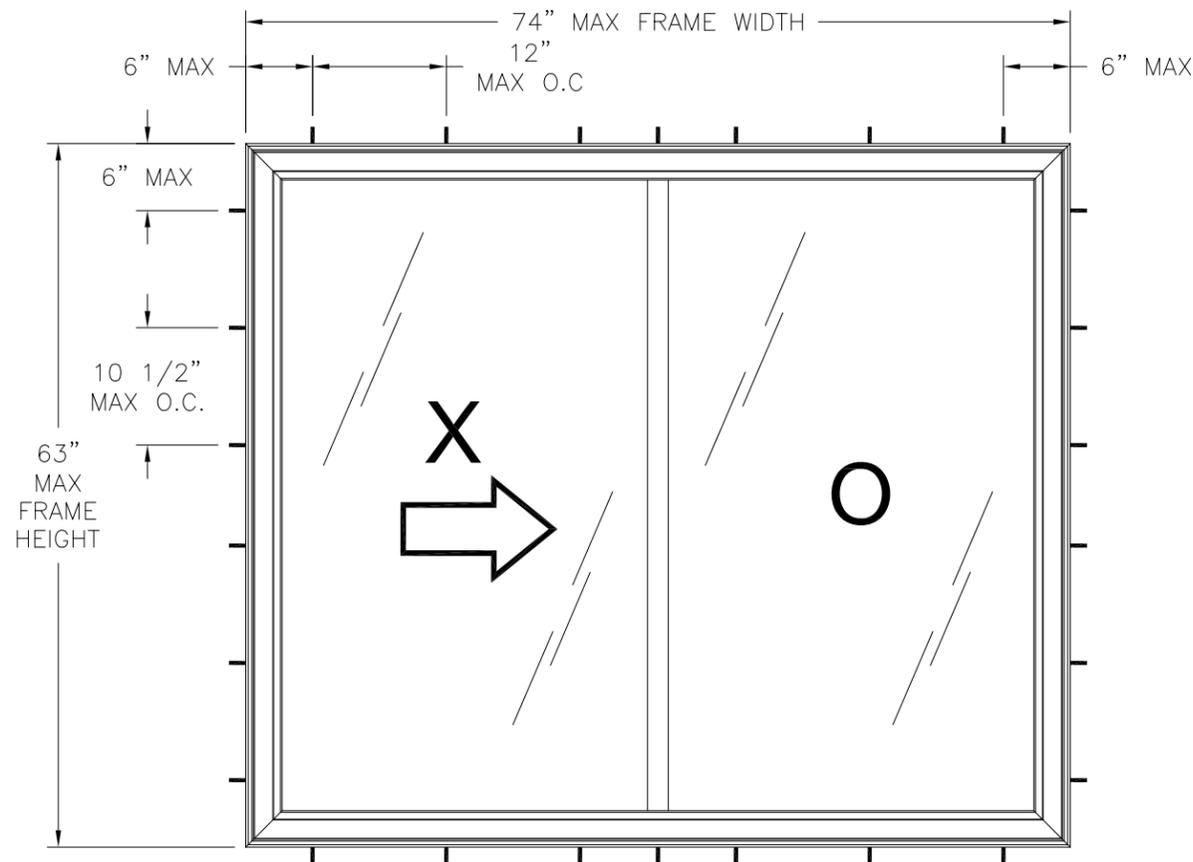


REVISIONS

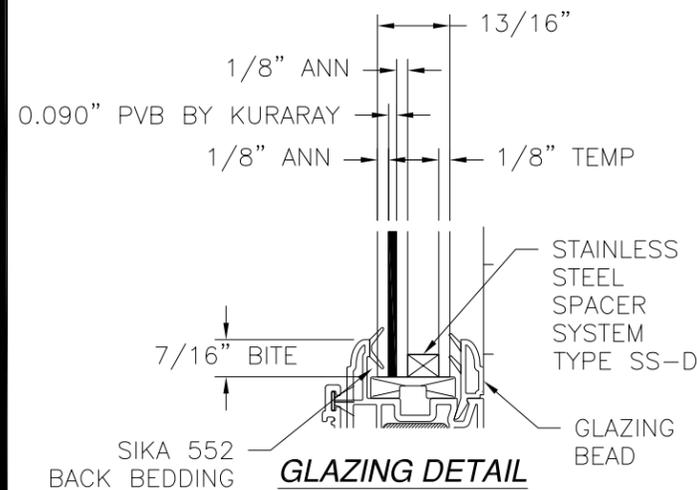
REV	DESCRIPTION	DATE	APPROVED
A	REVISED COMPLIANCE	02/18/16	R.L.



**SERIES 6412 VINYL HORIZONTAL SLIDING WINDOW**  
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
<b>+45.0/-50.0PSF</b>	<b>LARGE AND SMALL MISSILE IMPACT</b>

MISSILE LEVEL D, WIND ZONE 4



**GLAZING DETAIL**

NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE 2006 IBC AND THE 2006 IRC WITH STATE OF TEXAS MODIFICATIONS AND THE 2009 IBC, 2009 IRC, 2012 IBC AND 2012 IRC.
- 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.
- 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.
- 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.
- FRAME MATERIAL: EXTRUDED RIGID PVC.
- UNITS MUST BE GLAZED PER ASTM E1300-04, SEE SHEET 1 FOR GLASS DETAILS.
- APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
- 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".
- 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.
- FOR ANCHORING INTO MASONRY/CONCRETE USE 3/16" 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.
- 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.
- ALL FASTENERS TO BE CORROSION RESISTANT.
- 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:
  - WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42
  - CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
  - MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
  - METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 1/8" THICK MINIMUM
- APPROVED CONFIGURATIONS: OX AND XO

SIGNED: 02/19/2016

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	ELEVATION, ANCHORING AND NOTES
2	CROSS SECTIONS AND B.O.M.
3 - 4	INSTALLATION DETAILS

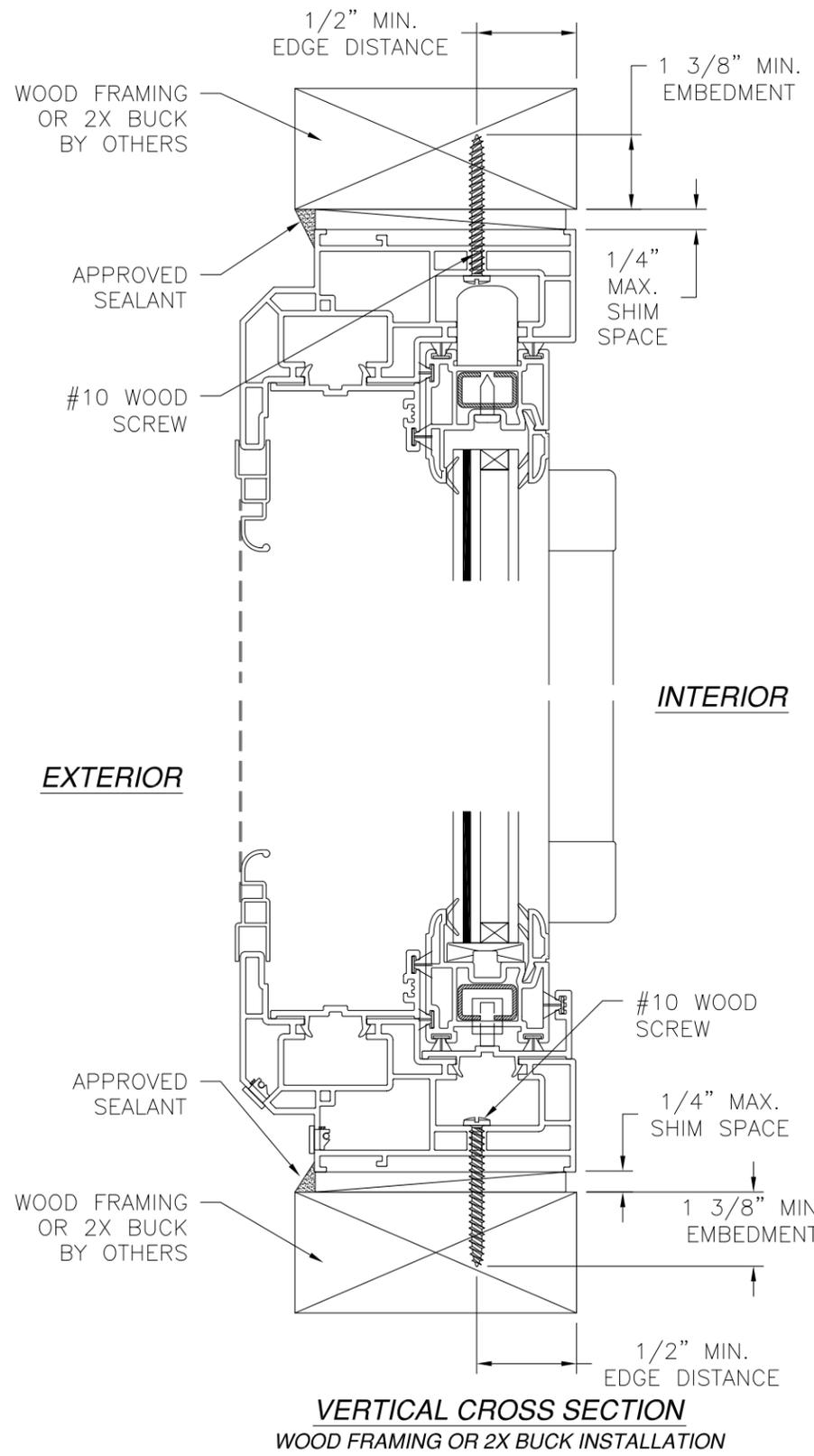
REGENCY PLUS, INC.  
2000 LOCUST GAP HIGHWAY  
MT CARMEL, PA 17851

SERIES 6412 VINYL HORIZONTAL SLIDING WINDOW  
IMPACT RESISTANT - 74" X 63"  
ELEVATION AND NOTES

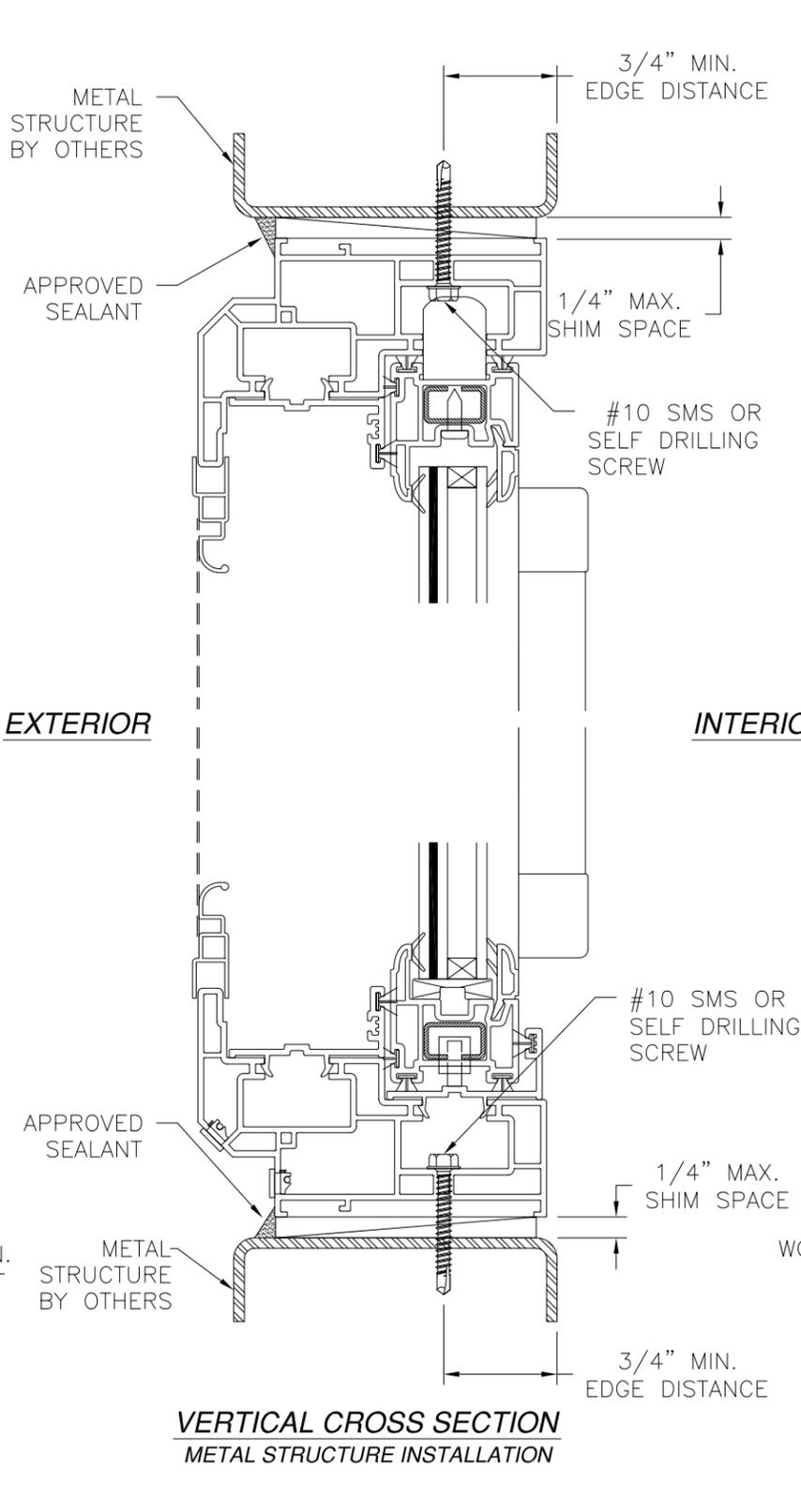
DRAWN: V.L.	DWG NO. 08-01715	REV A
SCALE NTS	DATE 09/17/12	SHEET 1 OF 3

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

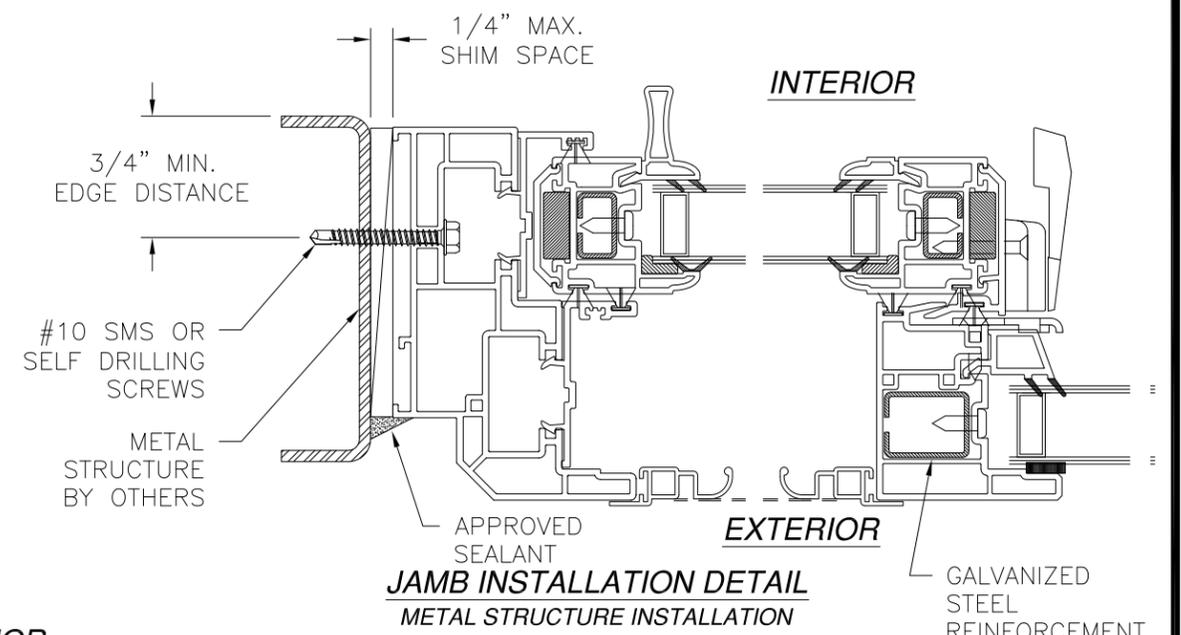
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED COMPLIANCE	02/18/16	R.L.



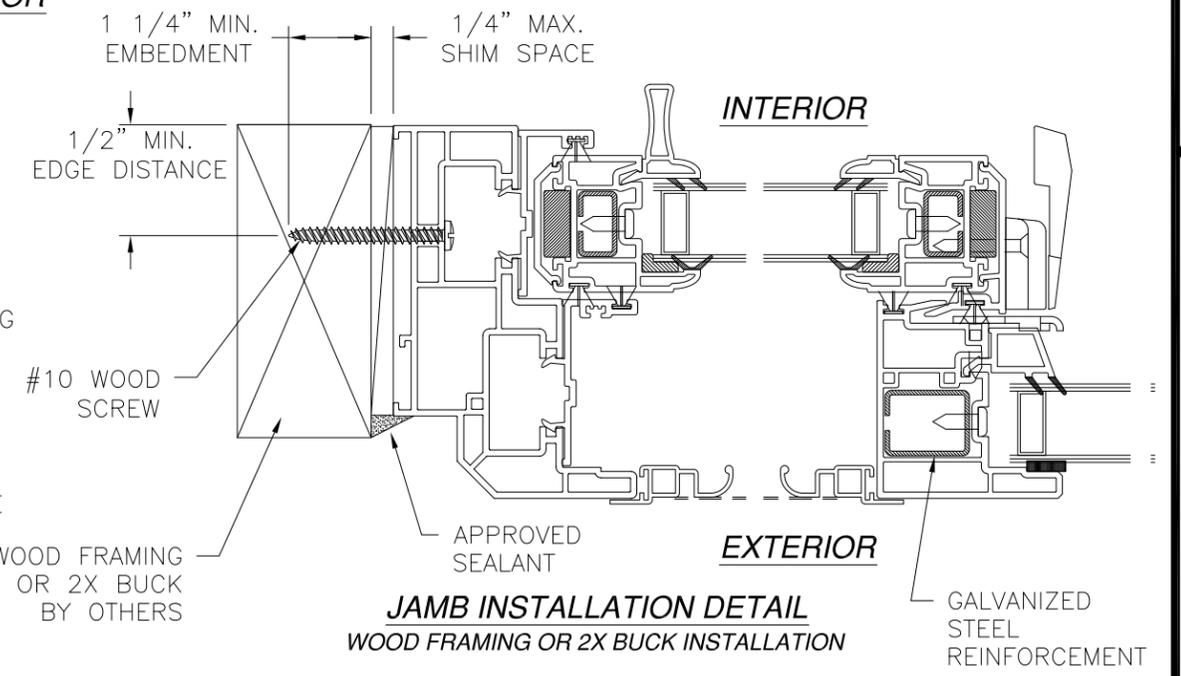
**VERTICAL CROSS SECTION**  
WOOD FRAMING OR 2X BUCK INSTALLATION



**VERTICAL CROSS SECTION**  
METAL STRUCTURE INSTALLATION



**JAMB INSTALLATION DETAIL**  
METAL STRUCTURE INSTALLATION



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

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

SIGNED: 02/19/2016

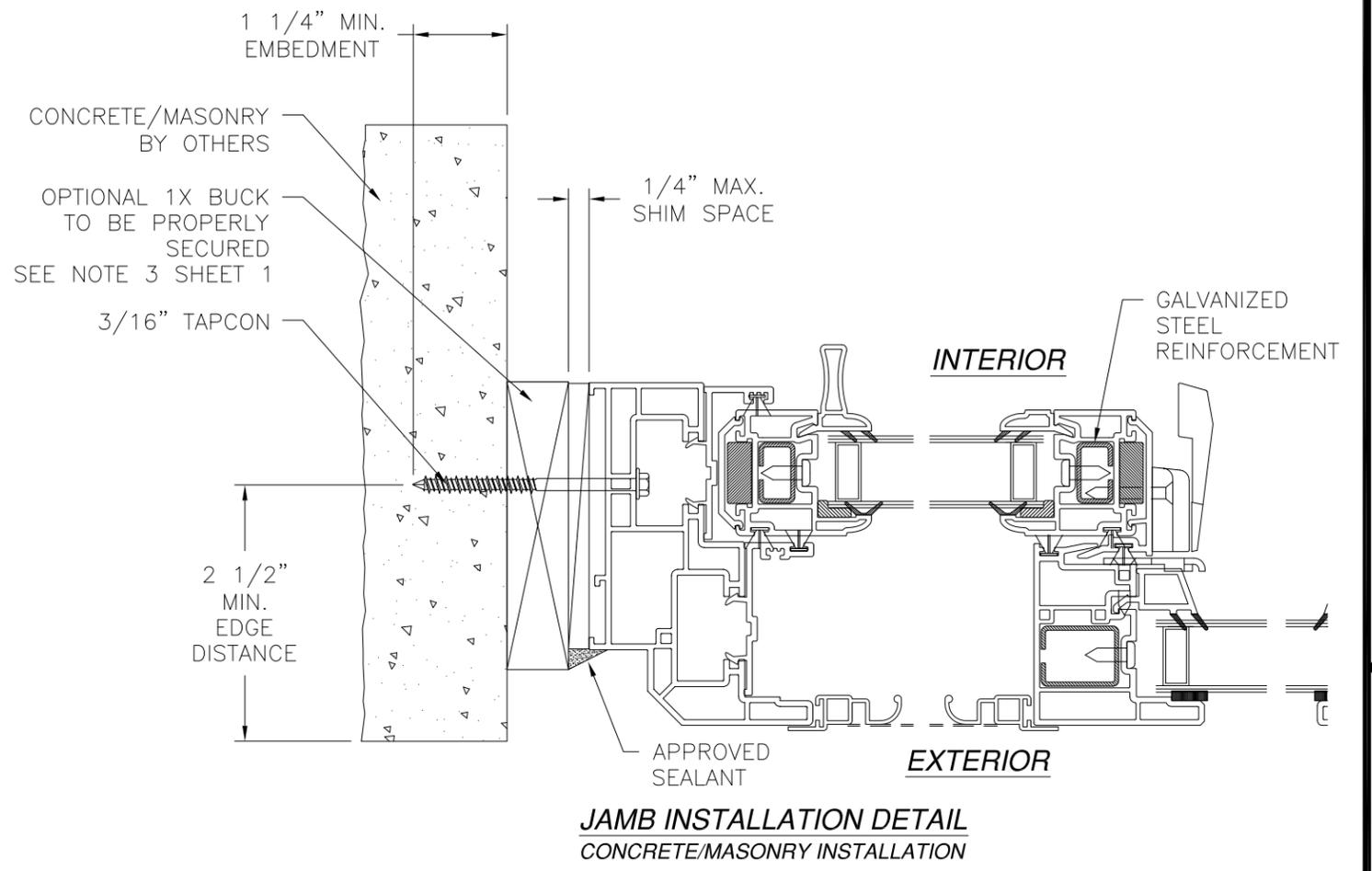
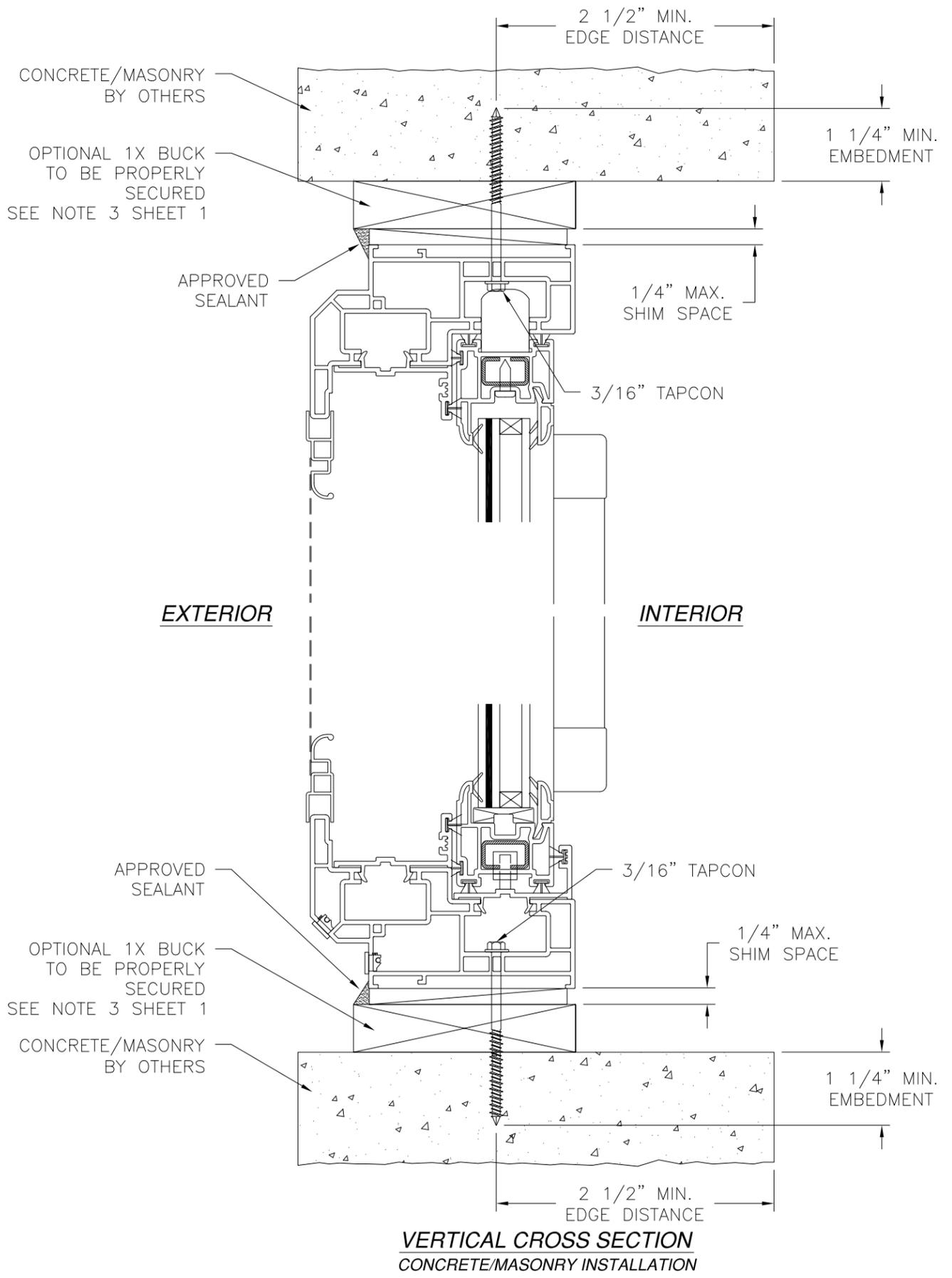
REGENCY PLUS, INC.  
2000 LOCUST GAP HIGHWAY  
MT CARMEL, PA 17851

SERIES 6412 VINYL HORIZONTAL SLIDING WINDOW  
IMPACT RESISTANT - 74" X 63"  
INSTALLATION DETAILS

DRAWN: V.L.	DWG NO. 08-01715	REV A
SCALE NTS	DATE 09/17/12	SHEET 2 OF 3

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED COMPLIANCE	02/18/16	R.L.



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

SIGNED: 02/19/2016

REGENCY PLUS, INC.  
2000 LOCUST GAP HIGHWAY  
MT CARMEL, PA 17851

SERIES 6412 VINYL HORIZONTAL SLIDING WINDOW  
IMPACT RESISTANT - 74" X 63"  
INSTALLATION DETAILS

DRAWN: V.L.	DWG NO. 08-01715	REV A
SCALE NTS	DATE 09/17/12	SHEET 3 OF 3

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