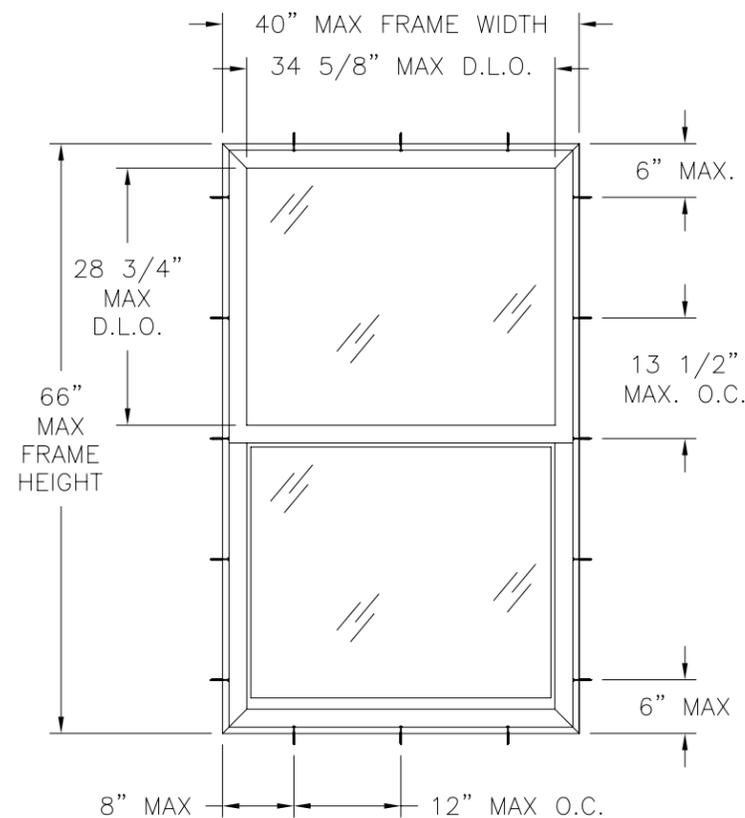


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



5100 SH WINDOW
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
+55.0/-70.0PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

NOTES:

- 1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE AND THE INTERNATIONAL RESIDENTIAL CODE 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 4 FOR GLAZING 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 HEAD AND SILL INTO MASONRY/CONCRETE USE A WOOD STOP WITH 3/16" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 5/8" MINIMUM EDGE DISTANCE. FOR ANCHORING JAMBS USE 1/4" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT WITH 2 5/8" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 10) FOR ANCHORING HEAD AND SILL INTO WOOD FRAMING OR 2X BUCK USE A WOOD STOP WITH #8 WOOD SCREW WITH SUFFICIENT LENGTH TO ACHIEVE A 1" MINIMUM EMBEDMENT INTO SUBSTRATE. FOR ANCHORING JAMBS USE #12 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 9/16" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 11) ALL FASTENERS TO BE CORROSION RESISTANT.
- 12) 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).

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	ELEVATIONS, ANCHORING LAYOUTS AND NOTES
2	B.O.M.
3-4	INSTALLATION DETAILS
5	COMPONENTS

REGENCY PLUS, INC
2000 LOCUST GAP HIGHWAY
MOUNT CARMEL, PA 17851

**5100 VINYL IMPACT RATED TILT
SINGLE HUNG PRIME WINDOW - 40" X 65"
ELEVATION, ANCHORING LAYOUT AND NOTES**

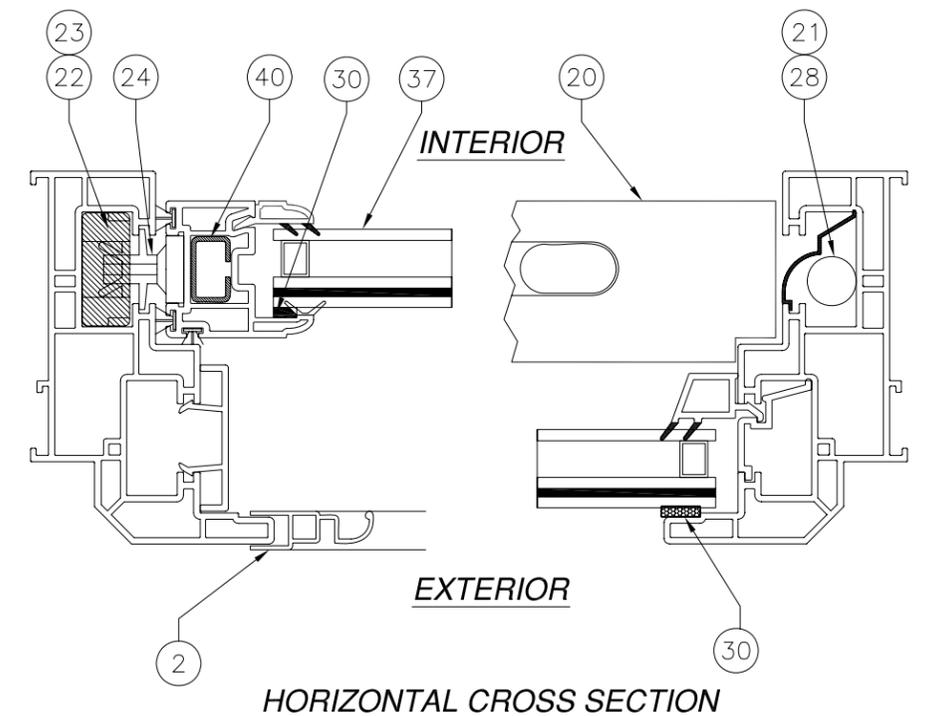
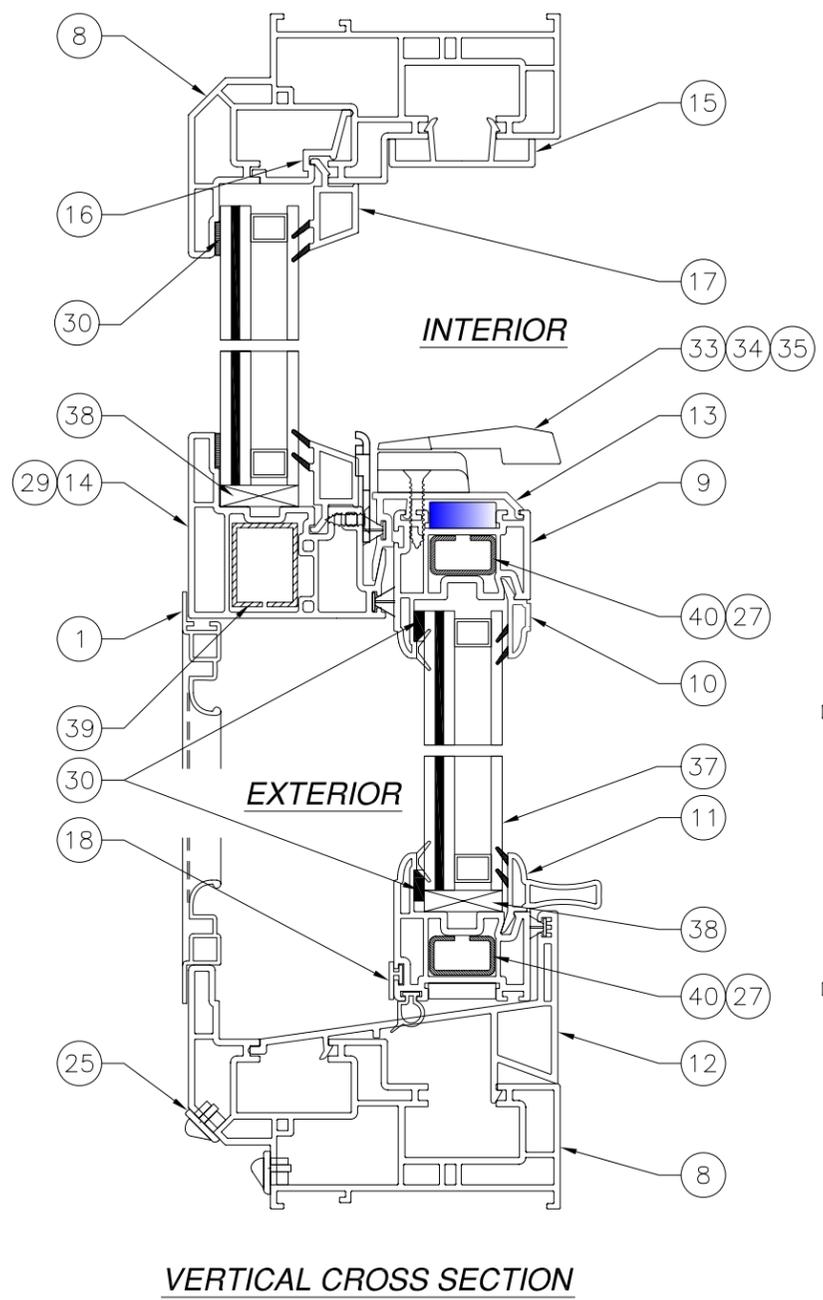
DRAWN: R.L.	DWG NO. 08-01741	REV -
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Luis R. Lomas P.E.
TX No.: 101889

PARTS LIST				
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	6516	SINGLE LEG SCREEN FRAME	SHAPES UNL.	
2	6515	DOUBLE LEG SCREEN FRAME	SHAPES UNL.	
3	J-1710S	TENSION SPRINGS	ADEPT	
4	FG18x16.011	FIBERGLASS SCREENING	ST. GOBAIN	
5	EX-FLX-Q165-BK	SCREEN SPLINE	IMPERIAL PLASTICS	
6	250 X 260	SCREEN CORNER KEYS	SUMMIT METAL	
7	H-707	PUSH GUIDES	PRODUCT DESIGN	
8	1060	MAIN FRAME	IMPERIAL/ROYAL	VINYL PVC
9	1282	SASH FRAME	IMPERIAL/ROYAL	VINYL PVC
10	X0035	GLAZING BEAD	IMPERIAL/ROYAL	VINYL PVC
11	X0033	LIFT RAIL	IMPERIAL/ROYAL	VINYL PVC
12	1181	SLOPED SILL COVER	IMPERIAL/ROYAL	VINYL PVC
13	1180	INTERLOCK	IMPERIAL/ROYAL	VINYL PVC
14	1063	MULLION	IMPERIAL/ROYAL	VINYL PVC
15	1070	FRAME COVER	IMPERIAL/ROYAL	VINYL PVC
16	1079	POCKET INSERT	IMPERIAL/ROYAL	VINYL PVC
17	1103	GLAZING BEAD	IMPERIAL/ROYAL	VINYL PVC
18	187-300	FIN SEAL FRAME	ULTRAFAB	
19	2220 EW	GERMAN END CAPS	VISION IND.	
20	1057 EW	TILT LATCH	VISION IND.	
21	2" X 1/4"	TILT LATCH SPRING	ECONOMY SPRING	
22	FIVE COIL	BALANCE SYSTEM	BSI OMEGA	
23	011-#10 X 1"	BALANCE SHOE SCREW	GLF	
24	6978	PIVOT BAR	VISION IND.	
25	110-2550-04	WEEP HOLE COVER	CUSTOM CRAFT	
26	GLF-002	TRIHING RIVET	GLF	
27	GLF-43	SELF TAP REBAR SCREW	GLF	
28	GLF-37	INSTALLATION SCREW	GLF	
29	GLF-37	IMPOST SCREW	GLF	
30	552	SIKAFLEX	SIKA CORP.	
31	10775-01179	3/8 STAPLES	FASTENAL	
32	HH-66	VINYL CEMENT	RH PRODUCTS	
33	# 8 X 1 1/4"	SELF DRILLING LOCK SCREW	GLF	
34	3220SS-EW	CAM LOCK	VISION IND.	
35	8292-EW	KEEPER	VISION IND.	
36	2NB8K125028026	GLAZING PAD	FRANK LOWE	
37		GLASS	CARDINAL	
38		SETTING BLOCK		RUBBER
39		REINFORCEMENT	HYGRADE	GALVANIZED STEEL
40		STEEL STIFFENER	HYGRADE	GALVANIZED STEEL

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



ITEMS 3, 4, 5, 6, 7, 19, 26, 30, 31, 32, AND 36 NOT SHOWN.

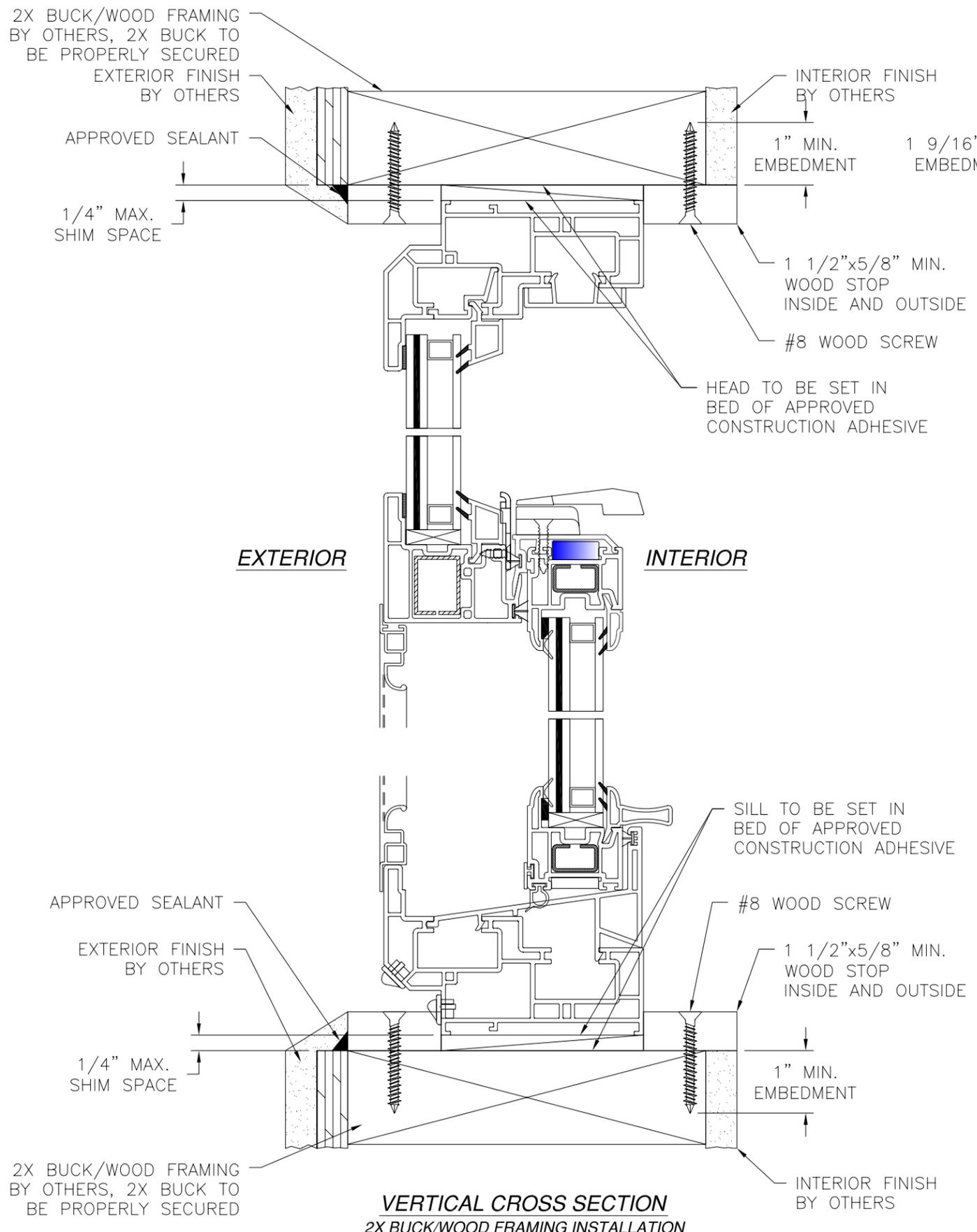
REGENCY PLUS, INC
 2000 LOCUST GAP HIGHWAY
 MOUNT CARMEL, PA 17851

5100 VINYL IMPACT RATED TILT
 SINGLE HUNG PRIME WINDOW - 40" X 65"
 B.O.M.

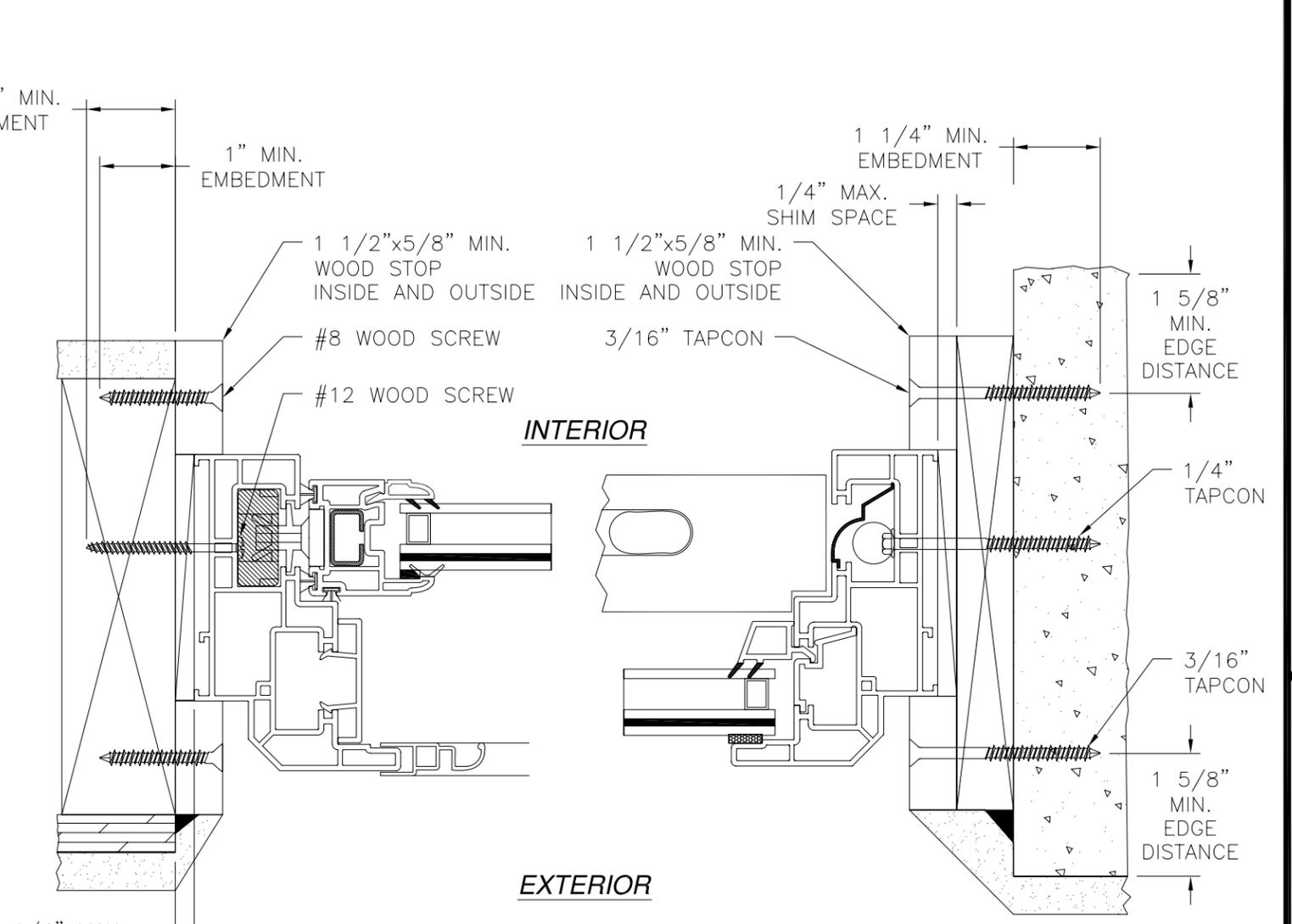
DRAWN: R.L.	DWG NO. 08-01741	REV -
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Luis R. Lomas P.E.
 TX No.: 101889

REVISIONS			
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VERTICAL CROSS SECTION
2X BUCK/WOOD FRAMING INSTALLATION



HORIZONTAL CROSS SECTION
2X BUCK/WOOD FRAMING AND MASONRY/CONCRETE
INSTALLATION

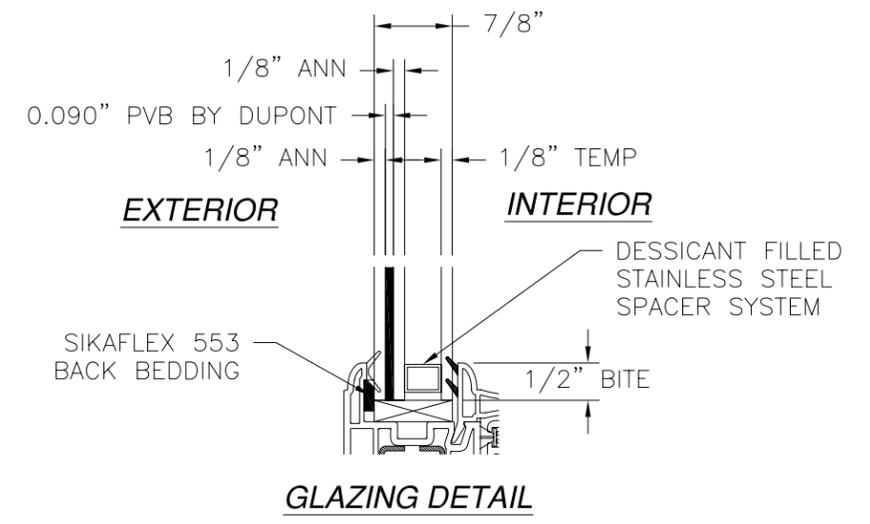
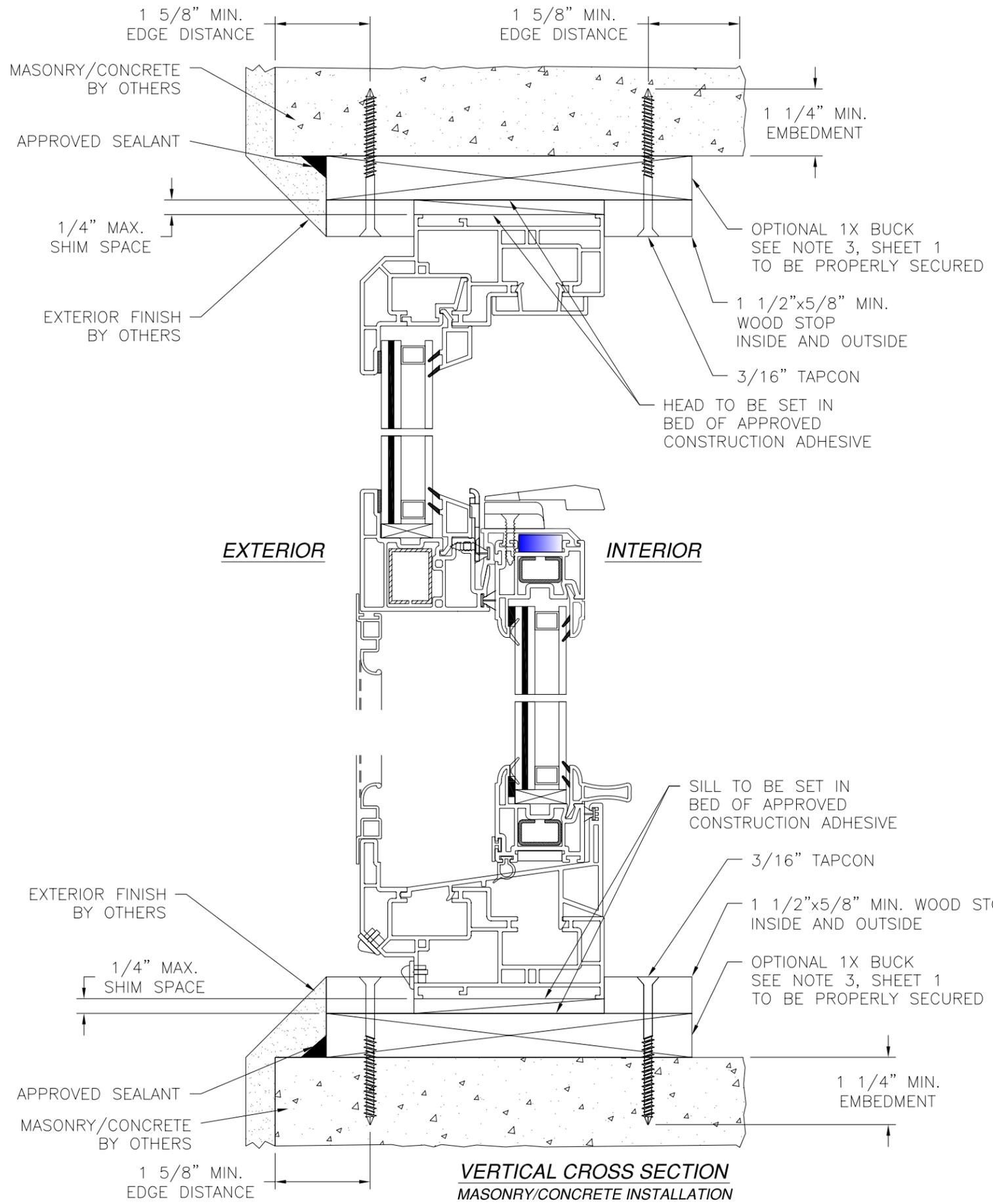
REGENCY PLUS, INC
2000 LOCUST GAP HIGHWAY
MOUNT CARMEL, PA 17851

5100 VINYL IMPACT RATED TILT
SINGLE HUNG PRIME WINDOW - 40" X 65"
INSTALLATION DETAILS

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SCALE NTS	DATE 08/20/12	SHEET 3 OF 5

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



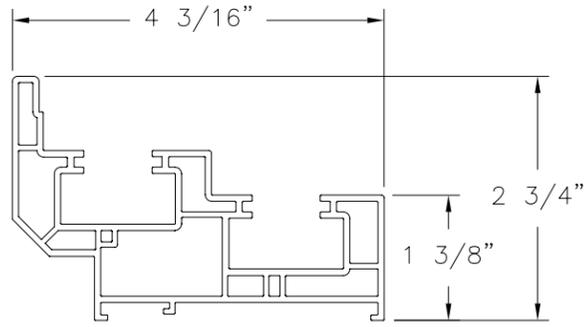
REGENCY PLUS, INC
2000 LOCUST GAP HIGHWAY
MOUNT CARMEL, PA 17851

5100 VINYL IMPACT RATED TILT
SINGLE HUNG PRIME WINDOW - 40" X 65"
INSTALLATION DETAILS

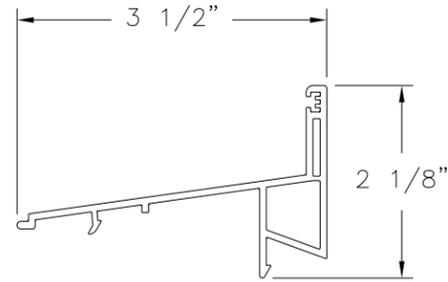
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SCALE NTS	DATE 08/20/12	SHEET 4 OF 5

Luis R. Lomas P.E.
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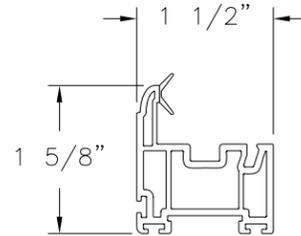
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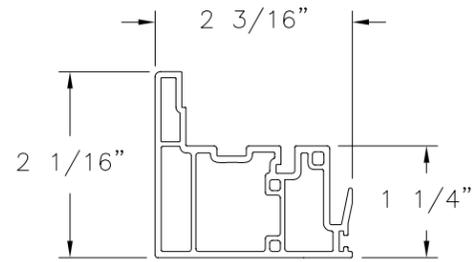
MAIN FRAME
RIGID PVC .070" THICK



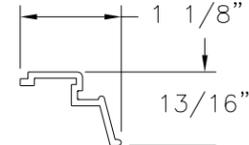
SLOPED SILL COVER
RIGID PVC .075" THICK



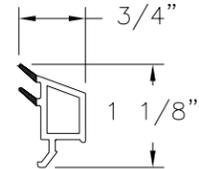
SASH FRAME
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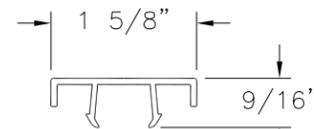
MULLION
RIGID PVC .066" THICK



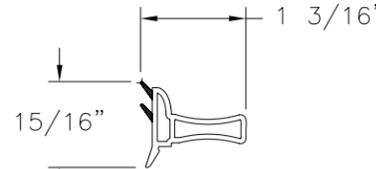
POCKET INSERT
RIGID PVC .060" THICK



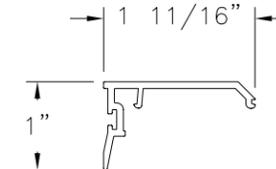
GLAZING BEAD
RIGID PVC .070" THICK



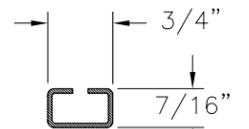
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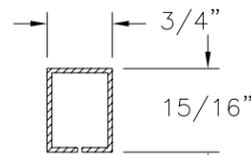
LIFT RAIL
RIGID PVC .055" THICK



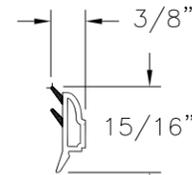
INTERLOCK
RIGID PVC .075" THICK



STEEL STIFFENER
GALVANIZED STEEL .050" THICK



REINFORCEMENT
GALVANIZED STEEL .050" THICK



GLAZING BEAD
RIGID PVC .055" THICK

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