## REGENCY PLUS, INC. SERIES 7413 VINYL HORIZONTAL SLIDING WINDOW INSTALLATION ANCHORAGE DETAILS

## NOTES:

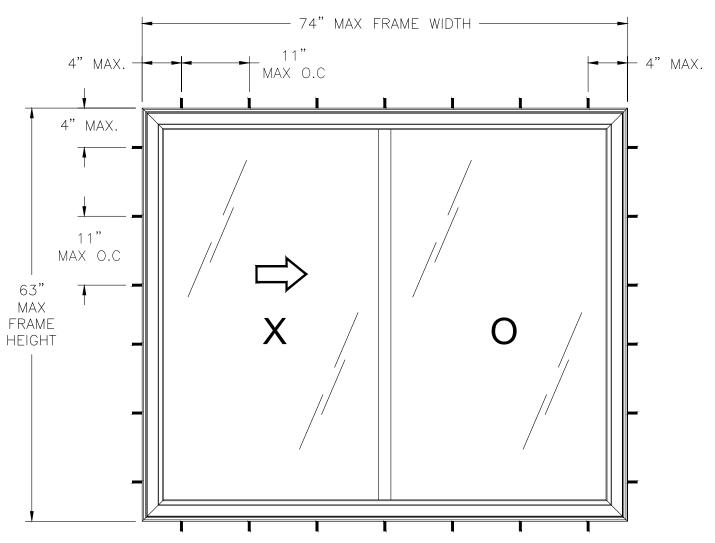
- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE EXCLUDING THE HIGH VELOCITY
  HURRICANE ZONE (HVHZ).
- WOOD FRAMING, 2X WOOD BUCK, METAL FRAMING AND CONCRETE/MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE.
   FRAMING AND CONCRETE/MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 3. 1X BUCK OVER CONCRETE/MASONRY IS OPTIONAL. WHERE 1X BUCKS ARE USED, INSTALLATION ANCHORS WILL PASS THROUGH WINDOW FRAME AND 1X BUCK INTO CONCRETE/MASONRY SUBSTRATE. WHERE 1X BUCK IS NOT USED, INSTALLATION ANCHORS WILL PASS THROUGH WINDOW FRAME INTO CONCRETE/MASONRY SUBSTRATE. 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 PRODUCT SHOWN HEREIN HAS BEEN TESTED TO AAMA/WDMA/CSA 101/I.S.2/A440-08 & AAMA/WDMA/CSA 101/I.S.2/A440-05. SEE TEST REPORT NO. NCTL-110-15926-1 DATED 5/22/13 BY NATIONAL CERTIFIED TESTING LABORATORIES, YORK, PA FOR DETAILS.
- 5. MATERIAL:
- 5.1. FRAME: EXTRUDED RIGID PVC.
- 5.2. REINFORCEMENT: GALVANIZED STEEL TUBE CENTER HOLLOW OF PANEL MEMBERS AND FIXED MEETING STILE.
- GLAZING:
- 6.1. GLAZING DETAIL AS TESTED: 22.78mm (0.897") NOMINAL O.A. IGU COMPRISED OF 2 LITES OF 3mm (1/8") TEMPERED GLASS AND 16.59mm (0.653") STAINLESS STEEL SPACER. INTERIOR GLAZED WITH SIKA SIKAFLEX 552 BACK-BEDDING AND RIGID VINYL GLAZING BEAD.
- 6.2. AS TESTED GLAZING MEETS ASTM E1300-09a FOR THE DESIGN CONDITIONS SHOWN IN THIS PRODUCT APPROVAL DOCUMENT.
- 6.3. ALTERNATE GLAZING MEETING THE REQUIREMENTS OF AAMA/WDMA/CSA 101/I.S.2/A440 SHALL BE ALLOWED PER ASTM E1300.
- 7. APPROVED IMPACT PROTECTIVE SYSTEM IS 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 CONCRETE/MASONRY USE 3/16" HEX HEAD TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO CONCRETE WITH 1 1/8" MINIMUM EDGE DISTANCE AND 1" MINIMUM EMBEDMENT INTO MASONRY WITH 2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS, ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
- 10. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #10 PAN HEAD WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 3/4" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
- 11. FOR ANCHORING INTO METAL STRUCTURE USE #10 PAN HEAD SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL WITH 3/4" MINIMUM EDGE DISTANCE, LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS, ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
- 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:
- 13.1. WOOD MINIMUM SPECIFIC GRAVITY OF G=0.42
- 13.2. CONCRETE MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI
- 13.3. MASONRY STRENGTH CONFORMANCE TO ASTM C-90, MEDIUM WEIGHT WITH DENSITY > 117 PCF
- 13.4. METAL STRUCTURE: STEEL 18GA (0.0428"). 33KSI OR ALUMINUM 6063-T5 0.048" THICK MINIMUM
- 14. APPROVED CONFIGURATIONS: OX AND XO.

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PROJECT #417-0906		VG WINDOW  DATE: 1/11/18  DRAWING NO:  RPLS0071	IC HWAY 851 SLIDIN
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			MT. CARMEL, PA 17851
			2000 LOCUST GAP HIGHWAY
PROJECT #417-0906			REGENCY PLUS, INC.

Robert J. Amoruso, P.E. Florida P.E. No. 49752

PTC Product Design Group, LLC PO Box 520775 Longwood, FL 32752-0775 321-690-1788 info@ptc-corp.com FBPE Certificate of Authorization No. 25935



## SERIES 7413 VINYL HORIZONTAL SLIDING WINDOW XO EXTERIOR VIEW

DESIGN PRESSURE RATING (PSF)	IMPACT RATING
+50.0/-50.0	NONE

## NOTES:

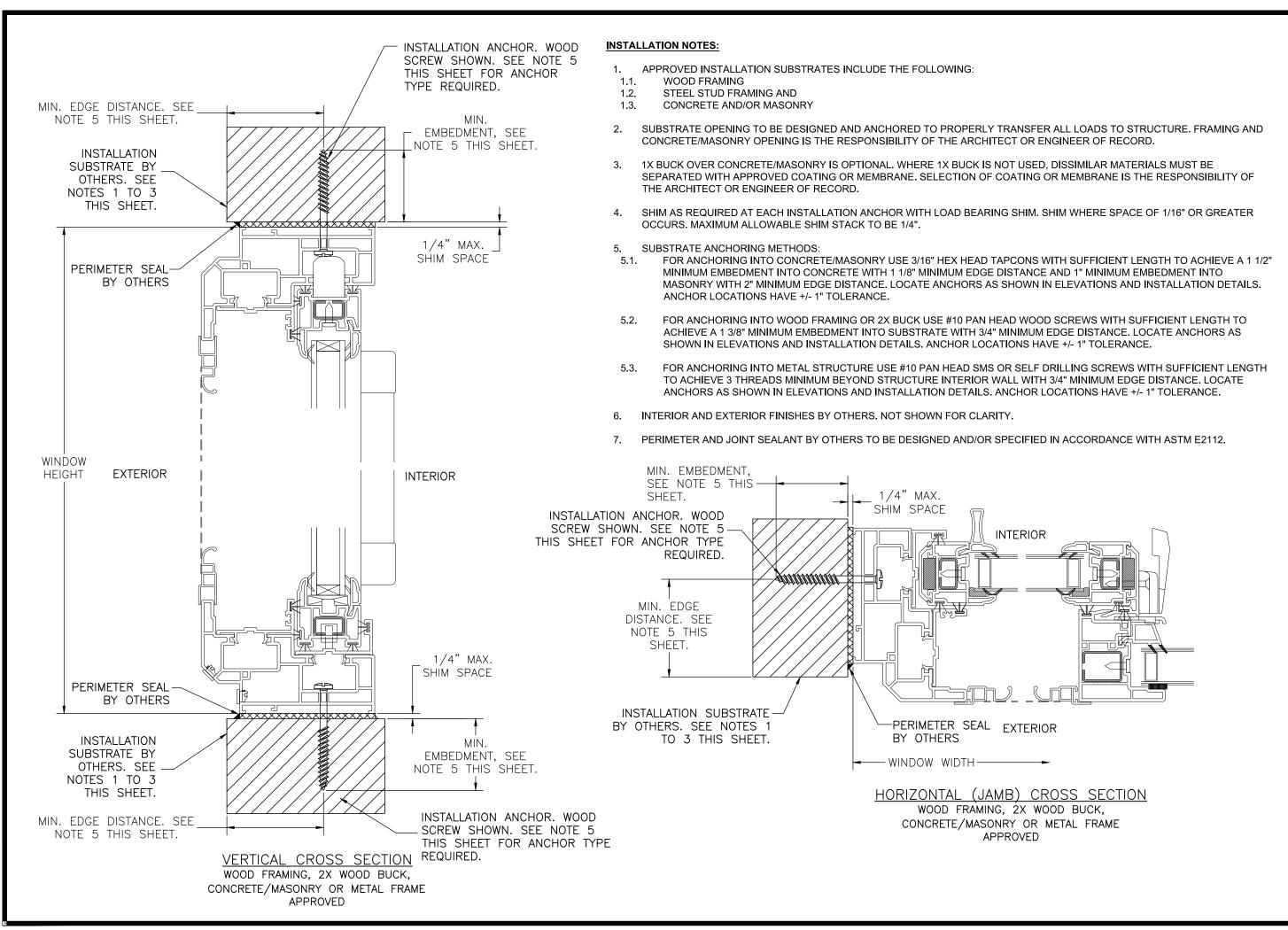
- 1. MAXIMUM PANEL SIZE: 35 7/8" X 60"
- 2. MAXIMUM D.L.O.: 33" X 57 5/8"
- 3. 3/16" DIAMETER WEEP HOLE AT 1 1/2" FROM FIXED MEETING STILES OF SILL
- 4. 1 1/2" X 1/4" WEEP HOLE W/WEEP FLAPS AT 3 1/2" FROM EACH END OF EXTERIOR SILL FACE.
- 5. 3/4" X 1/2" WEEP HOLE AT EACH END OF EACH SILL TRACK.

	HARDWARE SCHEDULE
A.	METAL CAM-TYPE SWEEP LOCK AT 13" FROM EACH END OF ACTIVE MEETING STILE
B.	METAL KEEPER AT FIXED MEETING STILE
C.	METAL THUMB ACTUATED TILT-LATCH PIVOT BAR AT EACH END OF TOP RAIL
D.	GALVANIZED STEEL TUBE REINFORCEMENT AT CENTER HALLOW OF PANEL MEMBERS &
	FIXED MEETING STILE

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