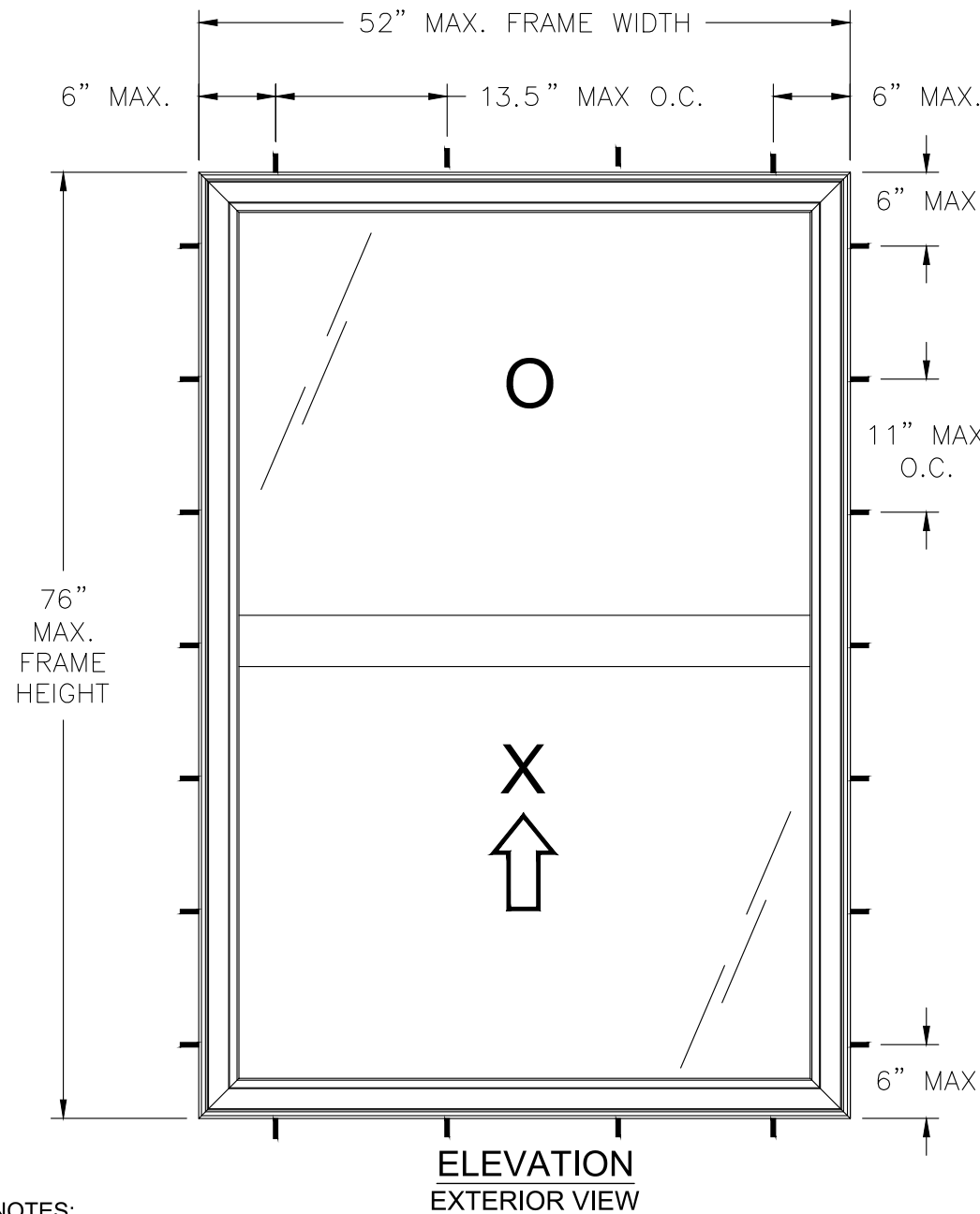


REGENCY PLUS, INC.

SERIES 5000 IMPACT VINYL TILT SINGLE HUNG WINDOW

INSTALLATION ANCHORAGE DETAILS



NOTES:

1. MAXIMUM TOP FIXED LITE D.L.O.: 46-5/8" X 32-7/8".
2. MAXIMUM BOTTOM SASH SIZE: 50" X 38" WITH D.L.O. 46-1/4" X 33-5/8".

HARDWARE SCHEDULE

| HARDWARE SCHEDULE | |
|-------------------|---|
| A. | (1) METAL CAM-TYPE SWEEP LOCK 11-1/2" FROM EACH END OF INTERIOR MEETING STILE |
| B. | (1) METAL KEEPER AT EXTERIOR FIXED MEETING STILE |
| C. | (1) METAL TILT LATCH WITH THUMB ACTUATOR AT EACH END OF SASH TOP RAIL |
| D. | (1) DIE-CAST METAL PIVOT BAR IN A NYLON SHOE |
| E. | (1) STEEL REINFORCEMENT AT INTERIOR MEETING RAIL |

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
2. 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 TAS 201, TAS 202 AND TAS 203. SEE TEST REPORT NO. NCTL-210-2968-1,2,3 DATED 2/5/04 (REVISED 3/29/05) BY NATIONAL CERTIFIED TESTING LABORATORIES, ORLANDO, FL FOR DETAILS.
5. MATERIAL:
 - 5.1. FRAME: EXTRUDED RIGID PVC.
 - 5.2. REINFORCEMENT: GALVANIZED STEEL TUBE - MEETING RAIL MEMBER.
6. GLAZING:
 - 6.1. GLAZING DETAIL AS TESTED: 7/8" NOMINAL O.A. IGU COMPRISED OF FROM EXTERIOR TO INTERIOR - LAMI LITE OF 1/8" ANNEALED GLASS x 0.090" KURARAY AMERICA SENTRYGLAS (SG) INTERLAYER x 1/8" ANNEALED GLASS, DESICCANT STEEL SPACER, 1/8" TEMPERED SACRIFICIAL LITE. BOTTOM SASH INTERIOR GLAZED WITH SIKA SIKAFLEX 552 BACK-BEDDING (OR EQUIVALENT), TWO (2) LEAF DUAL DUROMETER BACK-BEDDING AND A SNAP-IN TWO (2) LEAF DUAL DUROMETER GLAZING BEAD WITH 7/16" GLASS BITE. TOP FIXED LITE INTERIOR GLAZED WITH A SNAP-IN TWO (2) LEAF DUAL DUROMETER RIGID VINYL GLAZING BEAD AND SIKA SIKAFLEX 552 BACK-BEDDING (OR EQUIVALENT) WITH 7/16" GLASS BITE.
 - 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.
 - 6.4. SETTING BLOCKS IF USED AND/OR WHERE REQUIRED BY THE CURRENT EDITION OF THE FLORIDA BUILDING CODE SHALL BE NEOPRENE WITH A 70 TO 90 SHORE A DUROMETER. GLAZING BEADS (GASKETS) SHALL MEET THE CURRENT EDITION OF THE FLORIDA BUILDING CODE AS REQUIRED.
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 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 OR HEX 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 (G) OF 0.42 (NON-HVHZ) AND 0.55 (HVHZ)
 - 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

TABLE OF CONTENT

| SHEET | DESCRIPTION |
|-------|--------------------------------|
| 1 | ELEVATION, ANCHORING AND NOTES |
| 2 | INSTALLATION DETAILS |

DESIGN PRESSURE RATING (PSF)

+55.0/-55.0

IMPACT RATING

LARGE AND SMALL
MISSILE IMPACT

HVHZ AND WIND ZONE 4, MISSILE LEVEL D

PROJECT #417-0906

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

TITLE: SERIES 5000 IMPACT VINYL TILT SINGLE HUNG WINDOW
 ELEVATION, ANCHORING AND NOTES

| | |
|--------------|----------|
| DRAWN BY: | RJA |
| SCALE: | N.T.S. |
| DATE: | 1/11/18 |
| DRAWING NO.: | RPLS0048 |
| REV.: | C |
| SHEET: | 1 OF 2 |

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