NOTES:
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE, THE RESIDENTIAL BUILDING 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. DISIMILAR 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 CO=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
5. FRAME MATERIAL ALUMINUM 6063-T6.
6. UNITS MUST BE GLAZED PER ASTM E1300-04. SEE SHEET 6 FOR GLASS OPTIONS.
7. APPROVED PRODUCT PROTECTIVE SYSTEM IS REQUIRED FOR THE 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 #12 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 5/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
10. FOR ANCHORING INTO MASONRY/CONCRETE USE 1/4" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 1 1/4" MINIMUM EDGE DISTANCE, LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
11. FOR ANCHORING INTO METAL STRUCTURE USE #12 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 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-T6 1/8" THICK MINIMUM
9020 PICTURE WINDOW
EXTERIOR VIEW

DESIGN PRESSURE RATING | IMPACT RATING
----------------------|------------------
\pm 95.0PSF            | NONE             
WITH GLAZING A

DESIGN PRESSURE RATING | IMPACT RATING
----------------------|------------------
\pm 110.0PSF           | NONE             
WITH GLAZING A

DESIGN PRESSURE RATING | IMPACT RATING
----------------------|------------------
\pm 150.0PSF           | NONE             
WITH GLAZING B & C

SIGNED: 09/12/2012
NOTE:
INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
**CONCRETE/MASONRY BY OTHERS**

**OPTIONAL 1X BUCK TO BE PROPERLY SECURED**

SEE NOTE 3 SHEET 1

**APPROVED SEALANT**

**1/4” MAX. SHIM SPACE**

**2 1/2” MIN. EDGE DISTANCE**

**INTERIOR**

**CONCRETE/MASONRY BY OTHERS**

**OPTIONAL 1X BUCK TO BE PROPERLY SECURED**

SEE NOTE 3 SHEET 1

**APPROVED SEALANT**

**1/4” MAX. SHIM SPACE**

**2 1/2” MIN. EDGE DISTANCE**

**EXTERIOR**

**JAMB INSTALLATION DETAIL**

**CONCRETE/MASONRY INSTALLATION**

**NOTE:**

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

---

**WinDoor INCORPORATED**

7500 AMSTERDAM DRIVE
ORLANDO, FL 32832
Phone 407.444.8600  Fax 407.444.8606  www.windoordin.com

9020 PICTURE WINDOW
NON-ImpACT
INSTALLATION DETAILS

V.L.  DRAW NO.  08-01654  REV. A

Luis V. Lomas P.E.
TX No. 101889

SCALE NTS  DATE 08/27/2012  SHEET 6 OF 7

SIGNED: 09/12/2012