DISTINCTION IS FIBERGLASS GLAZED PATIO DOOR

EXTERIOR VIEW

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<th>DESIGN PRESSURE RATING</th>
<th>IMPACT RATING</th>
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<td>≤30PSF</td>
<td>NONE</td>
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NOTES:

1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF FLORIDA BUILDING CODE.
2) WOOD FRAMING OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. WOOD FRAMING OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3) APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
4) UNITS MUST BE GLAZED PER ASTM E1300.
5) 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.
6) 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".
7) FOR ANCHORING INTO 2X BUCK OR WOOD FRAMING USE #10 WOOD SCREW OF SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM Embedment into substrate. Locate anchors as shown in anchoring layout and installation details.
8) ALL FASTENERS TO BE CORROSION RESISTANT.
9) INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIAL WITH THE FOLLOWING PROPERTIES:
   - WOOD - G=0.42 MINIMUM SPECIFIC GRAVITY
   - FRAME JAMB AND HEAD MATERIAL: CO-EXTRUDED PVC FOAM 1 1/2" THICK.
   - FRAME SILL MATERIAL: CO-EXTRUDED PVC FOAM 2" THICK WITH ALUMINUM CLADDING .063" THICK.
   - DOOR PANEL AND SIDELITE MATERIAL: .075" THICK FIBERGLASS SKIN WITH PVC FOAM TOG AND BOTTOM RAILS. PVC FOAM VERTICAL STILES WITH PINE REINFORCEMENTS AND POLYURETHANE FOAM CORE.
   - APPROVED CONFIGURATIONS: X, GX, XD, OX, XX, OXX, OXO, OXX, OXO AND OXXO. SEE SHEET 2.
   - HINGE LOCATION: (2) FROM TOP OF PANEL DOWN AT 8" AND 33 1/4" AND (2) FROM BOTTOM OF PANEL UP AT 8 1/2" AND 34¼".

NAN YA PLASTICS CORP. USA
8989 NORTH LOOP EAST
HOUSTON, TX 77029

DISTINCTION IS FIBERGLASS GLAZED PATIO DOOR
WITH AND WITHOUT SIDELITES
OXXX ELEVATION AND NOTES

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Digitally signed by Luis R. Lomas P.E.
Location: 1432 Woodford Rd.
Louisville, KY 40203
Date: 2009.07.07 12:08:36 -04'00'
2X BUCK/WOOD FRAMING BY OTHERS, 2X BUCK TO BE PROPERLY SECURED

1 3/8" MIN. EMBEDMENT

BACKER ROD AND APPROVED SEALANT BY OTHERS

1/4" MAX SHIM

HEAD KEEPER IS ATTACHED WITH (2) #8 x 3" WOOD SCREWS

#10 WOOD SCREW

INTERIOR

EXTERIOR

1/4" MAX SHIM

1 3/8" MIN. EMBEDMENT

INTERIOR

HINGE SCREWS SEE HINGE DETAIL SHT. 2

EXTERIOR

#10 WOOD SCREW

2X BUCK/WOOD FRAMING BY OTHERS, 2X BUCK TO BE PROPERLY SECURED

BACKER ROD AND APPROVED SEALANT BY OTHERS

VERTICAL CROSS SECTION

DOOR SHOWN, SIDELITE SIMILAR 2X BUCK/WOOD FRAMING INSTALLATION

HORIZONTAL CROSS SECTION

HINGE JAMB DETAIL
2X BUCK/WOOD FRAMING INSTALLATION

SILL KEEPER IS ATTACHED WITH (2) #8 x 3" WOOD SCREWS

SILL SCREW

SILL TO BE SET IN BED OF APPROVED SEALANT

NAN YA PLASTICS CORP. USA
6988 NORTH LOOP EAST
HOUSTON, TX 77029

DISTINCTION IS FIBERGLASS GLAZED PATIO DOOR
WITH AND WITHOUT SIDELITES INSTALLATION DETAILS

DRAWN:
Dwg No.:
Rev:

TJH
08-00768
-

SCALE
N15

DATE 07/01/09 SHEET 4 OF 5

STATE OF FL
PROFESSIONAL ENGINEER
No. 02814