8' NEUMA OS FIBERGLASS 3/4 LITE PATIO DOOR
EXTERIOR VIEW

-50PSF
NONE

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 \(c_d=1.6\) WAS USED FOR WOOD ANCHOR CALCULATIONS.
6) SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1" 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:
   A. WOOD – G=0.42 MINIMUM SPECIFIC GRAVITY
   10) FRAME JAMB AND HEAD MATERIAL: CO-EXTRUDED PVC FOAM 1 1/2" THICK.
   11) FRAME SILL MATERIAL: CO-EXTRUDED PVC FOAM 1 1/2" THICK WITH ALUMINUM CLADDING .063" THICK.
   12) DOOR PANEL AND SIDELITE MATERIAL: .075" THICK FIBERGLASS SKIN WITH PVC FOAM TOP AND BOTTOM RAILS AND VERTICAL STILES AND POLYURETHANE FOAM CORE.
   13) APPROVED CONFIGURATIONS: X, OX, XO, XX, OXX, XXO AND OXX. SEE SHEET 2.

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A. 3-POINT LOCK HANDLE ASSEMBLY NINGBO MICOTA LOCKS
B. (4) 4" x 4" BUTT HINGES BY WENZHOU LONGTAI HINGES
C. EXTRUDED ALUMINUM & PVC FOAM ASTRAGAL BY NAN YA PLASTICS
D. EXTRUDED ALUMINUM & PVC FOAM MULLION BY NAN YA PLASTICS
2X BUCK/WOOD FRAMING BY OTHERS, 2X BUCK TO BE PROPERLY SECURED

1 3/8" MIN. EMBEDMENT

1/4" MAX. SHIM

#10 WOOD SCREW

BACKER ROD AND APPROVED SEALANT BY OTHERS

INTERIOR

EXTERIOR

HORIZONTAL CROSS SECTION
HINGE JAMB DETAIL
2X BUCK/WOOD FRAMING INSTALLATION

1/4" MAX. SHIM

1 3/8" MIN. EMBEDMENT

#10 WOOD SCREW

HINGE SCREWS SEE HINGE DETAIL SHT. 2

BACKER ROD AND APPROVED SEALANT BY OTHERS

INTERIOR

EXTERIOR

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

1 3/8" MIN. EMBEDMENT