

Manufacturer: Masonite International
1955 Powis Road
West Chicago, ILL

Product Line: 8'0 Powered and connected fiberglass door - impact

Compliance:

The product mentioned above has been evaluated for compliance with the requirements of the Florida Department of Business and Professional Regulation for Statewide Acceptance per Rule 61G20-3.005 method 1(d). The product listed herein complies with requirements of the current Florida Building Code.

Supporting Technical Documentation:

1. Test report No.: ATLNC 0927.01.21 signed and sealed by David Johnson P.E.
American Testing Lab, Inc, Brevard NC
TAS 202 -94 Uniform Static Air Pressure ±40.0psf design pressure
2. Test report No.: ATLNC 0908.01-22 signed and sealed by David W. Johnson P.E.
American Testing Lab, Inc, Brevard NC
ASTM E1886 and ASTM E1996
Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Pressure loading ±40.0psf design pressure
3. Anchor calculations, report number 515098-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ±40.0psf
- Unit size: 111" x 97 7/8" OXO
74" x 97 7/8" OX or XO
37 1/2" x 97 7/8" X
- Units must be glazed per ASTM E1300 using 1" laminated IG consisting of 1/8" HS - .090 PVB – 1/8" HS – air – 1/8" temp.
- This product is not rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- This system was not tested for water penetration resistant, therefore, it must be installed in areas where water penetration resistance is not required.
- Frame material to be LVL wrapped in vinyl

Installation:

Units must be installed in accordance with manufacturer's installation instructions and as follows, refer to sketches below:

Install head jambs into wood framing using steel straps. Steel straps use (2) #8 wood screws. Screws must be of sufficient length to achieve a 3/4" minimum embedment into framing with a 7/16" minimum edge distance.

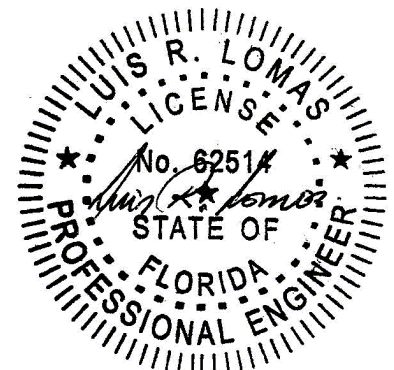
At mullion area in addition to steel straps add #10 wood screws with sufficient length to achieve a 1 1/4" minimum embedment with 1/2" minimum edge distance.

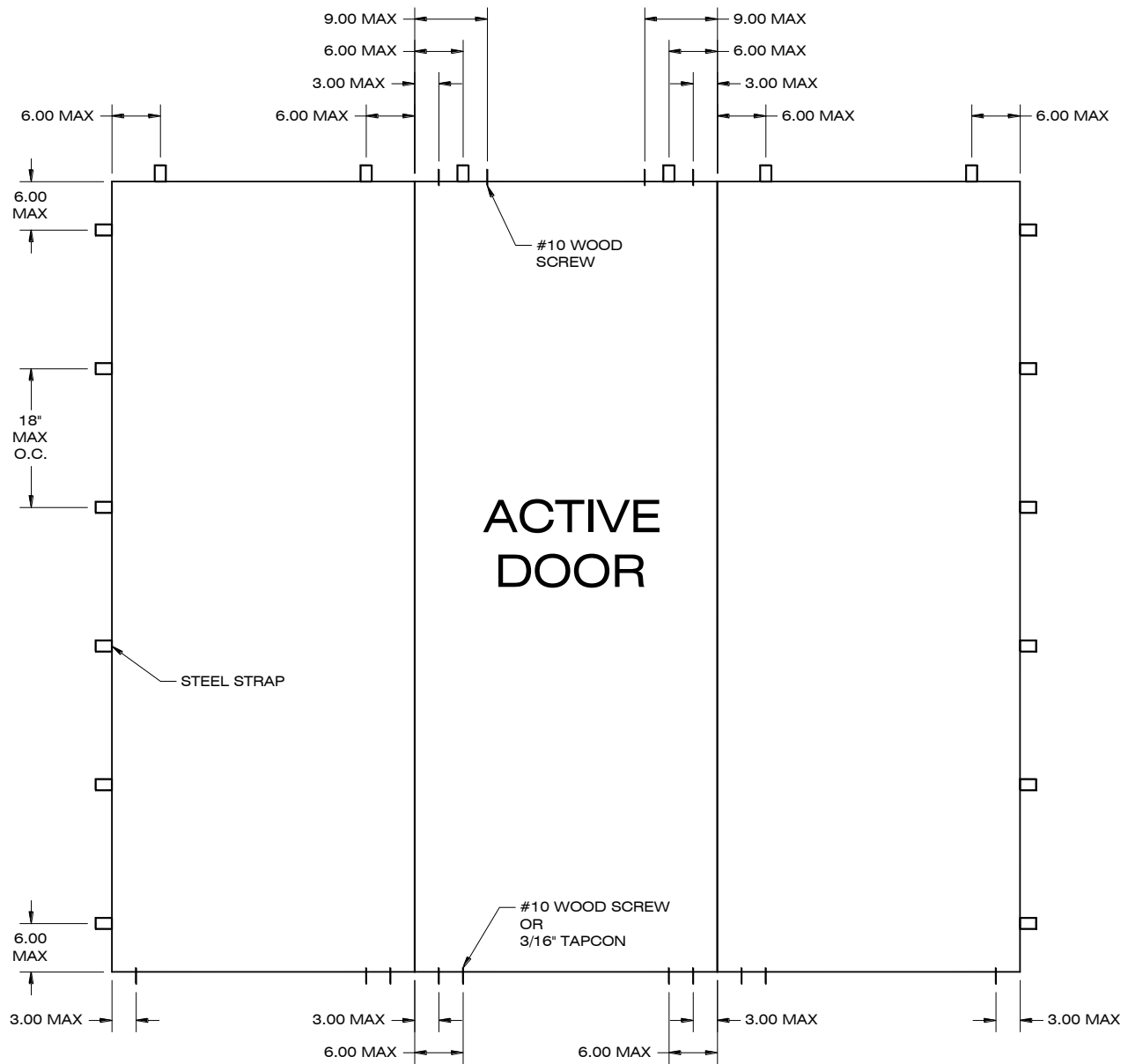
Install sill into wood framing using #10 wood screws of sufficient length to achieve a 1 1/4" minimum embedment into framing with a 1/2" minimum edge distance.

Install sill into concrete floor using 3/16" tapcons of sufficient length to achieve a 1 3/4" minimum embedment into framing with a 1 1/2" minimum edge distance.

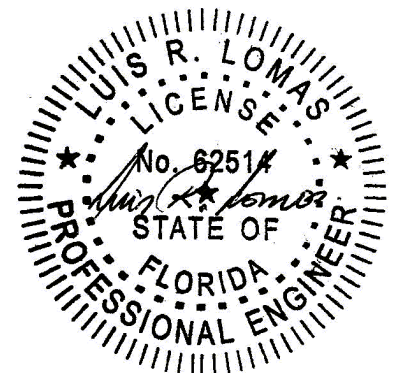
Certification of Independence:

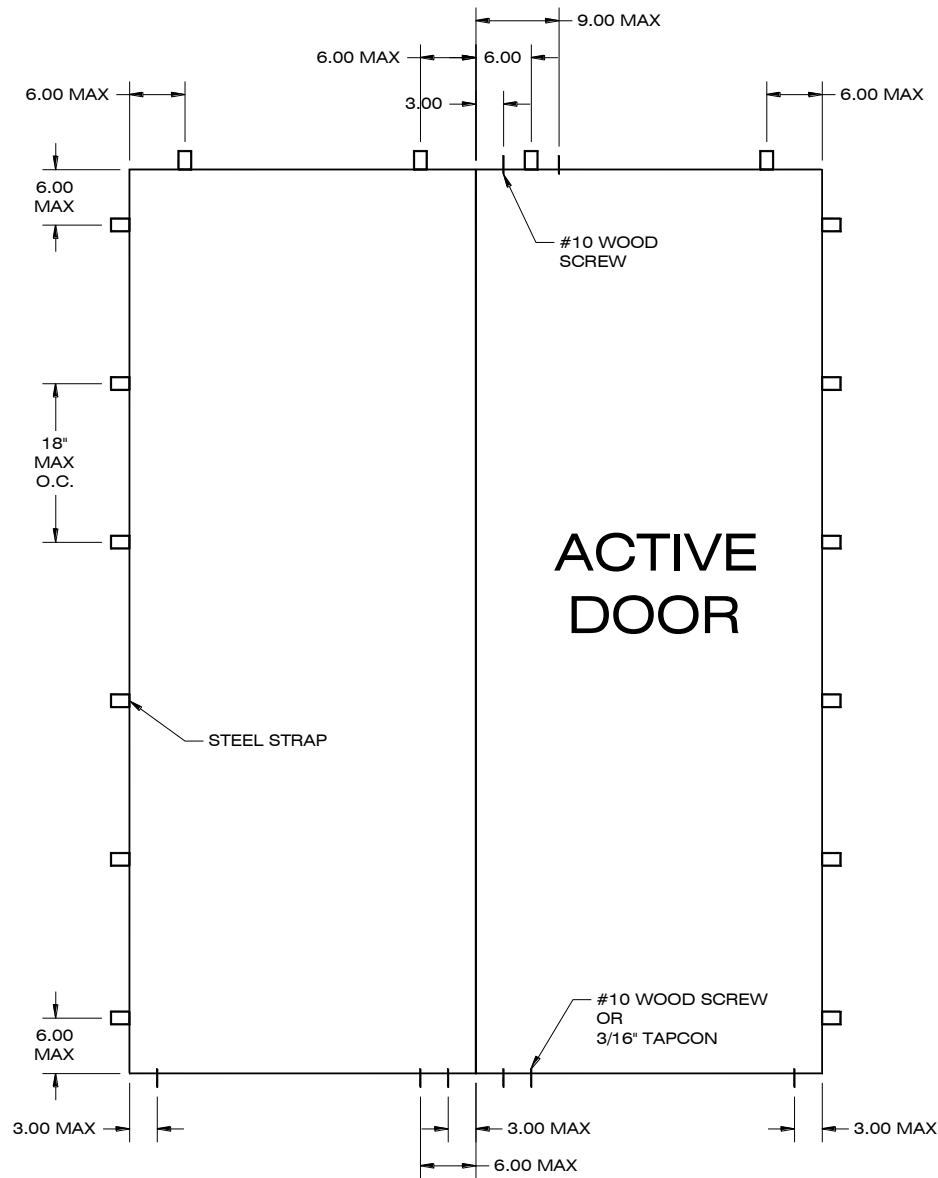
Please note that I don't have nor will acquire a financial interest in any company manufacturing or distributing the product(s) for which this report is being issued. Also, I don't have nor will acquire a financial interest in any other entity involved in the approval process of the listed product(s).



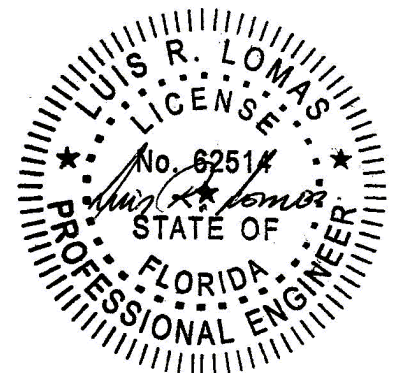


Single door with sidelites OXO





Single with sidelite OX or XO



L. Roberto Lomas P.E.

400 S. Palm Ave

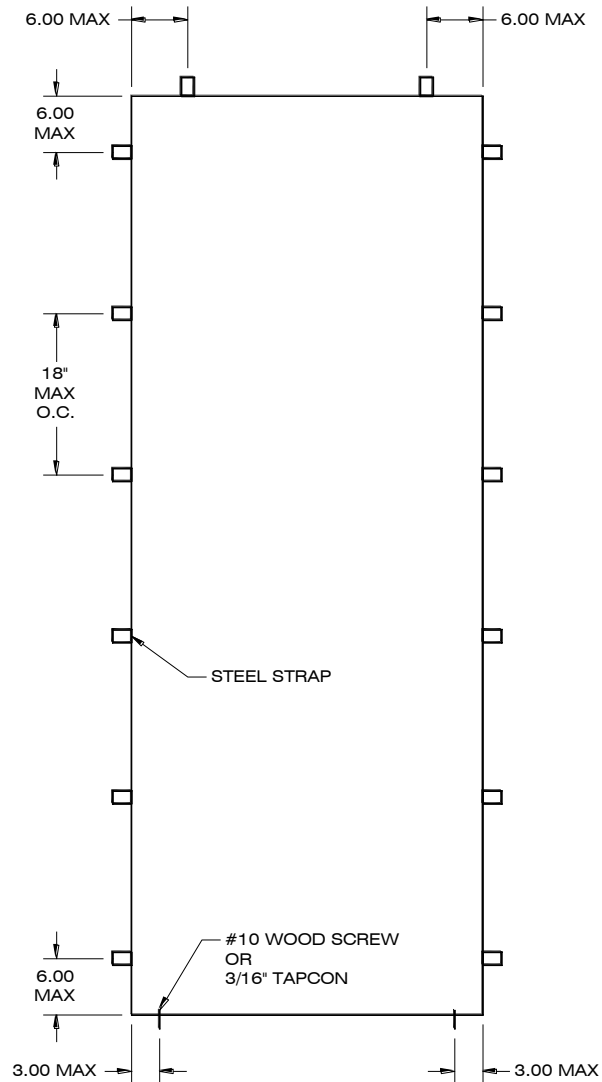
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Engineering Evaluation Report

Report No.: 515098



Single X

