8811 Teel Pkwy Ste # 100-5176
Frisco, TX 75036
office (972) 492-9500

John E. Scates, Professional Engineer

May 20, 2026

Windsor Door
5800 Scott Hamilton Rd
Little Rock, AR 72119

Re: FL 46984-r8
Evaluation Report for Residential Pan Doors Model 1030 family

To Whom It May Concern:

At the request of Windsor Door, I have reviewed the drawings and tests listed below. The pressures listed on the drawings are either direct results of the tests, or results obtained through rational engineering analysis based on the actual tests. I have concluded that the construction shown on these drawings complies with the wind load requirements of the 8th Edition (2023) of the Florida Building Code, and IBC/IRC 2018/2021/2024 (Texas). I certify that I meet the requirements of "independence" as detailed in Florida Statutes.

Drawings

These products were tested to DASMA 108 (static):

WL-010, RevE,	9' wide x 7' tall	for +15.6 / -17.2 psf
WL-019, RevE,	9' wide x 7' tall	for +22.8 / -25.8 psf
WL-023, RevE,	9' wide x 7' tall	for +24.3 / -27.5 psf
WL-030, RevE,	9' wide x 7' tall	for +31.9 / -36.1 psf
WL-036, RevE,	9' wide x 7' tall	for +34.0 / -38.5 psf
WL-010, RevE,	9' wide x 8' tall	for +15.6 / -17.2 psf
WL-016, RevE,	9' wide x 8' tall	for +21.4 / -24.1 psf
WL-020, RevE,	9' wide x 8' tall	for +22.8 / -25.8 psf
WL-024, RevE,	9' wide x 8' tall	for +24.4 / -27.5 psf
WL-031, RevE,	9' wide x 8' tall	for +31.6 / -35.7 psf
WL-037, RevE,	9' wide x 8' tall	for +33.7 / -38.0 psf
WL-014, RevE,	16' wide x 7' tall	for +15.4 / -17.1 psf
WL-014, RevE,	16' wide x 8' tall	for +15.4 / -17.1 psf

These products were tested to DASMA 108 (static) and 115 (impact):

WL-043, Rev-,	8' wide x 7' tall	for +25.3 / -28.8 psf	impact
WL-041, Rev-,	8' wide x 7' tall	for +29.1 / -33.0 psf	impact
WL-042, Rev-,	8' wide x 7' tall	for +33.1 / -37.6 psf	impact
WL-039, RevE,	9' wide x 7' tall	for +36.6 / -41.4 psf	impact
WL-040, RevE,	9' wide x 8' tall	for +36.3 / -40.1 psf	impact
WL-017, RevE,	16' wide x 7' tall	for +20.5 / -22.8 psf	impact
WL-021, RevE,	16' wide x 7' tall	for +23.3 / -25.9 psf	impact
WL-032, RevE,	16' wide x 7' tall	for +28.6 / -31.9 psf	impact
WL-034, RevE,	16' wide x 7' tall	for +30.6 / -34.1 psf	impact
WL-038, RevE,	16' wide x 7' tall	for +32.6 / -36.3 psf	impact
WL-018, RevE,	16' wide x 8' tall	for +21.8 / -24.4 psf	impact
WL-026, RevE,	16' wide x 8' tall	for +23.3 / -25.9 psf	impact
WL-033, RevE,	16' wide x 8' tall	for +28.3 / -31.6 psf	impact
WL-035, RevE,	16' wide x 8' tall	for +32.2 / -36.0 psf	Impact

Additional Drawings

99-A-061 Rev H, Sheets 1 thru 2, Jamb Attachment Schedule.

Test Reports

Static testing was conducted in accordance with **ANSI/DASMA 108-17.**
Impact testing was conducted in accordance with **ANSI/DASMA 115-17.**

The Model 1030 pan was tested, understood to be the minimum or equivalent of all models listed herein.

The CCL test reports are:

CCL Report 26-091	WL-041,	8’ wide x 7' tall (static & impact)
CCL Report 26-092	WL-042,	8’ wide x 7' tall (static & impact)
CCL Report 26-093	WL-043,	8’ wide x 7' tall (static & impact)
CCL Report 24-117	WL-019,	9' wide x 7' tall
CCL Report 24-118	WL-023,	9' wide x 7' tall
CCL Report 24-182	WL-030,	9' wide x 7' tall
CCL Report 24-181	WL-036,	9' wide x 7' tall
CCL Report 25-181	WL-039,	9' wide x 7' tall (static & impact glazing)
CCL Report 24-178	WL-010,	9' wide x 8' tall
CCL Report 24-119	WL-016,	9' wide x 8' tall
CCL Report 24-120	WL-020,	9' wide x 8' tall

CCL Report 24-121	WL-024,	9' wide x 8' tall
CCL Report 24-180	WL-031,	9' wide x 8' tall
CCL Report 24-179	WL-037,	9' wide x 8' tall
CCL Report 25-123	WL-040,	9' wide x 8' tall (static & impact)
CCL Report 24-171	WL-014,	16' wide x 7' tall
CCL Report 24-122	WL-017,	16' wide x 7' tall
CCL Report 25-132	WL-017,	16' wide x 7' tall
CCL Report 24-123	WL-021,	16' wide x 7' tall
CCL Report 25-122	WL-021,	16' wide x 7' tall
CCL Report 24-172	WL-032,	16' wide x 7' tall
CCL Report 25-180	WL-032,	16' wide x 7' tall (static & impact glazing)
CCL Report 24-173	WL-034,	16' wide x 7' tall
CCL Report 25-131	WL-034,	16' wide x 7' tall (static & impact glazing)
CCL Report 24-174	WL-038,	16' wide x 7' tall
CCL Report 25-124	WL-038,	16' wide x 7' tall
CCL Report 24-177	WL-014,	16' wide x 8' tall
CCL Report 24-124	WL-018,	16' wide x 8' tall
CCL Report 25-256	WL-018,	16' wide x 8' tall
CCL Report 24-125	WL-026,	16' wide x 8' tall
CCL Report 25-257	WL-026,	16' wide x 8' tall
CCL Report 24-175	WL-033,	16' wide x 8' tall
CCL Report 25-121	WL-033,	16' wide x 8' tall (static & impact) also WL-035 Sheet2
CCL Report 24-176	WL-035,	16' wide x 8' tall
CCL Report 25-121	WL-035,	16' wide x 8' tall (static & impact) also WL-033 Sheet2

Test Lab

Windload tests were conducted at Construction Consulting Laboratory (CCL) in Carrollton, TX. This facility was accredited to conduct the DASMA 108 and DASMA 115 test procedure at the time of testing.

The test reports were witnessed and signed by a Florida P.E., John E. Scates.

Installation

The drawings illustrate the relevant windload details for installation of the doors.

Jamb Attachment:

The track brackets of the door must be secured directly to a bare wood surface.

- The wood must be (SP / SYP) Southern Pine / Southern Yellow Pine.

It is recommended that the door opening be framed on the inside face with 2x6 Southern Pine secured to the building as a mounting surface for the door itself. This provides a method where the building is not Southern Pine, or where drywall is present. Various means of fastening the 2x6 to the building are illustrated on Windsor drawing 99-A-061.

The direct mounting of door track on top of drywall or other non-structural material is outside of the scope of this wind load evaluation. (A 2x6 may be mounted on drywall, but track brackets must rest on wood.)

The location of the track brackets as shown on these drawings may vary by plus or minus 2 inches.

This Evaluation Report does not address the design of the wall/jambs themselves. These drawings only illustrate common means of attaching the door to the jambs. Walls and Jambs should be designed (by others) to withstand the loads imposed by door onto the building.

Model Descriptions

These door models are included in this approval for all drawings:
Models 1030, 1035

These doors are 2-inch nominal thickness:
Model 1030 is a 25-gage pan door.
Model 1035 is a 25-gage insulated pan door with ½ inch of polystyrene insulation.

The addition of "smart trim" and other decorative additions to the exterior face of the door, up to 1.5" overall thickness, is permitted by this approval.

Additional Limitations

The drawings cited above are an explicit part of this evaluation report. The text of this report does not attempt to address all design details but relies upon the illustrations and text of these drawings and instructions as well.

Each door should be chosen based on the "psf" requirement determined for a specific installation or locale.

The maximum door width approved with this report is 16' wide.
The maximum door height approved with this report is 6-sections.
(Doors with added exterior trim are limited to 4-sections.)

Double-track Low Headroom may be used with this product up to +24.4 psf on 9-ft wide doors. Doors beyond these limits (> 9-ft wide OR > +24.4 psf) are not available with Low Headroom. Also, a “quick-turn” low-headroom device may NOT be used on any windloaded doors.

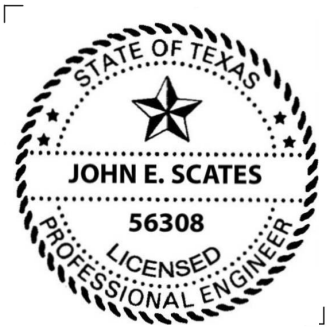
The horizontal track may be reinforced with an angle as needed to support the door weight. The construction of the horizontal track, including the track thickness, is determined by Windsor Door and does not affect this windload evaluation.

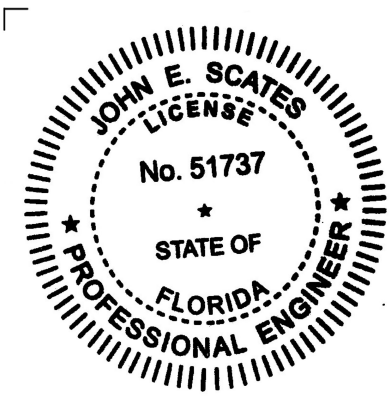
Stop molding or wood trim must be installed along the vertical jambs and across the header of the opening so that the size of the opening is reduced sufficiently to provide at least 1/2-inch of overlap with each edge of the door. Stop molding is to be secured with 4d or larger nails, or #8 screws on spacing not to exceed the spacing noted on the drawings Section B-B. "Finishing nails" may not be used: The larger head of the 4d or 6d nail, or screw is a requirement.

The rated pressures may not be achieved unless the door is held closed during the wind event. Locks must be engaged into both tracks.

Some of the products offer impact glazing as an option, per the notes on the drawing. Sheet 2 of the drawings (where applicable) shows the upgrades that are required for an Impact glazed door.

This product is not for use in the High Velocity Hurricane Zone (HVHZ).





Digitally signed by John E Scates
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John E. Scates, P.E.
Florida PE # 51737
TX PE 56307 / F-2203

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