



Window Options:
 max daylight opening 45-1/4" x 19"
 1/8" DSB
 1/4" Tempered Glass
 7/16" Insulated Glass
 7/16" Tempered Insulated Glass
 .049" Aluminum Panel
 7/16" Insulated Aluminum Panel

Door Height	Section Quantity	Trk Bkt Per Side
6'-0" to 8'-0"	4	4
8'-3" to 10'-0"	5	5
10'-3" to 12'-0"	6	6
12'-3" to 14'-0"	7	7
14'-3" to 16'-0"	8	8
16'-3" to 18'-0"	9	9
18'-3" to 20'-0"	10	10
20'-3" to 22'-0"	11	11
22'-3" to 24'-0"	12	12
	12	17

Track bracket quantities shown are for use with grade 2 or better southern pine jambs. When using softer wood species like spruce-pine-fir (SPF) use the quantity of track brackets specified in the chart plus three track brackets per side.

Supplemental Instructions contain details for doors up to 24'-0" high. These are required in addition to this drawing for installation. Always use supplemental instructions in addition to this drawing during door installation.

G.I.I.		SCALE	NIS
Models:		DATE	3-1-2013
3290, 3295, 329X			
39.3 (psf) / - 45.2 (psf) at 10'-00" through			
31.1 (psf) / - 35.8 (psf) at 13'-08"			
C.H.I. Drawing: T29-12-64313		page 1_of_2	



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 3/1/13
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This door has been evaluated per ASCE 7-02 & 7-05 as referenced by 2006 IBC 1609 & 2006 IRC 301, in accordance with ANSI/DASMA 108-02, 108-05, & ASTM E330-02. Design Pressures (DP) typically meet requirements for the following exposure B wind speeds. These wind speeds are for 8' high doors on buildings with a flat roof height less than 30 feet.

Door Width	With and Without Windows		Center Stiles
	Design Pressure	Exp B	
13'-08"	31.1 / - 35.8 (psf)	149 (mph)	3
13'-02"	33.6 / - 38.6 (psf)	155 (mph)	3
12'-02"	39.3 / - 45.2 (psf)	167 (mph)	2
11'-02"	39.3 / - 45.2 (psf)	166 (mph)	2
10'-00"	39.3 / - 45.2 (psf)	166 (mph)	2

Supporting structural elements to be designed by registered professional engineer for specified wind loads. If door is not electrically operated, a lock must be installed.
 Door height: 24'-0" max
 Section height: 24" max
 Center stile quantity is minimum per section.

Professional Engineer's seal provided only for verification of windload construction details

