

# Span Table For Titan Timber Columns Manufactured By Timber Technologies

Table Information Provided By: AEC Corp., Black River Falls, WI : PH:(715) 533-0274

Ground Snow Load		42 PSF				35 PSF			
		14 ft.	16 ft.	18 ft.	20 ft.	14 ft.	16 ft.	18 ft.	20 ft.
Inside Clear Height									
Building Width	Post Spacing								
30 ft.	4	A	A	A	A	A	A	A	A
	6	A	A	A	B	A	A	A	A
	8	A	A	B	C	A	A	B	B
32 ft.	4	A	A	A	A	A	A	A	A
	6	A	A	A	B	A	A	A	A
	8	A	A	B	C	A	A	B	B
36 ft.	4	A	A	A	A	A	A	A	A
	6	A	A	A	B	A	A	A	B
	8	A	A	B	C	A	A	B	C
40 ft.	4	A	A	A	A	A	A	A	A
	6	A	A	A	B	A	A	A	B
	8	A	B	B	C	A	A	B	C
45 ft.	4	A	A	A	A	A	A	A	A
	6	A	A	B	B	A	A	A	B
	8	A	B	C	C	A	B	B	C
50 ft.	4	A	A	A	A	A	A	A	A
	6	A	A	B	C	A	A	B	B
	8	A	B	C	C	A	B	C	C
60 ft.	4	A	A	A	B	A	A	A	A
	6	A	B	B	C	A	A	B	C
	8	B	C	C	D	A	B	C	C
70 ft.	4	A	A	A	B	A	A	A	B
	6	A	B	C	C	A	B	C	C
	8	B	C	C	D	B	C	C	D
80 ft.	4	A	A	B	C	A	A	A	B
	6	B	B	C	C	A	B	C	C
	8	C	C	D	D	B	C	C	D

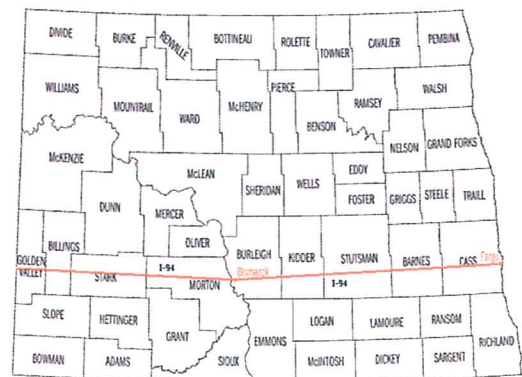
**List of assumptions and limitations of this table**

- 1) Maximum wind speed = 90 mph, exposure B, IBC 2006
- 2) Maximum wall girt spacing = 36"
- 3) This table assumes that diaphragm-action is used to transfer the wind forces.
- 4) Assumes unheated building, importance factor = 0.8
- 5) Column properties used are that of Titan timber's standard columns.
- 6) This table is for preliminary information only - not intended for construction use
- 7) Assumes a 9 psf roof dead load.

35 PSF

42 PSF

LEGEND:	
A	3-Ply 2x6
B	4-Ply 2x6
C	3-Ply 2x8
D	4-Ply 2x8



\*\*\*For design values of Titan Timbers please call Timber Technologies for more information: (866) 727-5625 or Fax at (715) 962-4193

**For North Dakota Only**

