

# POST FRAME PIER FOOTINGS

Footings and foundations for Post frame structures shall comply with the applicable provisions of 401. Post frame structures shall have poured in-place concrete footings installed below all posts. **The top of the footing shall be a minimum of 48 inches below finished grade** and have footing diameters complying with Table 328.3.

**WHEN USING TABLE 328.3 ASHTABULA COUNTY IS A 30# ROOF SNOW LOAD.**

**TABLE 328.3  
POST FRAME PIER FOOTING DIAMETERS<sup>1, 2, 3, 4</sup>**

	<b>BUILDING WIDTH (length of truss) INCLUDING OVERHANG (feet)</b>			
	<b>24</b>	<b>28</b>	<b>32</b>	<b>36</b>
<i>Diameter (inches) 20# roof snow load</i>	18	20	22	22
<i>Diameter (inches) 30# roof snow load</i>	18	22	24	26

1. Pier footing thickness shall be a minimum one-half of the diameter of the footing.
2. Based upon 2000 PSF soil bearing capacity and truss loads of 20 or 30 PSF live or snow load top chord, 10 PSF dead load top chord, 5 PSF dead load on the bottom chord and no live load on the bottom chord.
3. Fractional widths shall be rounded to the next higher pier footing diameter.
4. Table not to be used in Ohio case study areas.