Building width guidelines for 3000 psf Soil

Please note, these charts are only guidelines and do not replace an engineers analysis if needed.

For use with 3000 psf soil. 2000 psf and 1500 psf are in nearby tables.

How to use this chart:

Use the column with the snow load rating in your area to determine the size FootingPad you need. If side doors larger than 8' are used larger footings will be needed for posts on either side of door. Built in variables: Post spacing along side wall of 8 feet, dead load of 5 psf.

If your proposed building lands in an "adjust" cell, then modify the width of your building as load capacity is too high for the largest FootingPad of 24"



PSF	3000		•	•											
Post Spacing (ft)		8													
Dead Load (sq ft)	!	5													
	Snow Load														
		5	10	15	20	25	30	35	40	45	50	55	60	65	70
	24	10" Diameter	10" Diameter	12" Diameter		16" Diameter	16" Diameter		20" Diameter	24" Diameter	24" Diameter				
	28		12" Diameter	12" Diameter		16" Diameter	16" Diameter	20" Diameter	20" Diameter	20" Diameter	20" Diameter	24" Diameter	24" Diameter	24" Diameter	24" Diameter
	32	10" Diameter	12" Diameter	16" Diameter	16" Diameter	16" Diameter	20" Diameter	20" Diameter	20" Diameter	20" Diameter	24" Diameter	24" Diameter	24" Diameter	24" Diameter	Adjust
	36	10" Diameter	12" Diameter	16" Diameter	16" Diameter	20" Diameter	20" Diameter	20" Diameter	20" Diameter	24" Diameter	24" Diameter	24" Diameter	24" Diameter	Adjust	Adjust
	40	10" Diameter	16" Diameter	16" Diameter	16" Diameter	20" Diameter	20" Diameter	20" Diameter	24" Diameter	24" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust
	44	12" Diameter	16" Diameter	16" Diameter	20" Diameter	20" Diameter	20" Diameter	24" Diameter	24" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust
	48	12" Diameter	16" Diameter	16" Diameter	20" Diameter	20" Diameter	24" Diameter	24" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust
£	52	12" Diameter	16" Diameter	16" Diameter	20" Diameter	20" Diameter	24" Diameter	24" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust
Width	56	12" Diameter	16" Diameter	20" Diameter	20" Diameter	24" Diameter	24" Diameter	24" Diameter	Adjust						
/ gu	60	16" Diameter	16" Diameter	20" Diameter	20" Diameter	24" Diameter	24" Diameter	Adjust							
Building	64	16" Diameter	16" Diameter	20" Diameter	20" Diameter	24" Diameter	24" Diameter	Adjust							
B	68	16" Diameter	16" Diameter	20" Diameter	24" Diameter	24" Diameter	Adjust								
	72	16" Diameter	20" Diameter	20" Diameter	24" Diameter	24" Diameter	Adjust								
	76	16" Diameter	20" Diameter	20" Diameter	24" Diameter	24" Diameter	Adjust								
	80	16" Diameter	20" Diameter	20" Diameter	24" Diameter	Adjust									
	84	16" Diameter	20" Diameter	24" Diameter	24" Diameter	Adjust									
	88	16" Diameter	20" Diameter	24" Diameter	24" Diameter	Adjust									
	92	16" Diameter	20" Diameter	24" Diameter	24" Diameter	Adjust									
	96	16" Diameter	20" Diameter	24" Diameter	Adjust										

Building width guidelines for 2000 psf Soil

Please note, these charts are only guidelines and do not replace an engineers analysis if needed.

For use with 2000 psf soil. 3000 psf and 1500 psf are in nearby tables.

How to use this chart:

Use the column with the snow load rating in your area to determine the size FootingPad you need.

If side doors larger than 8' are used larger footings will be needed for posts on either side of door.

Built in variables: Post spacing along side wall of 8 feet, dead load of 5 psf.



If your proposed by	uilding land	ds in an "adjust"	cell, then modify	the width of you	ur building as loa	id capacity is too	high for the large	est FootingPad of	124"				
PSF	2000	1											
Post Spacing (ft)	8												
Dead Load (sq ft)	5												
			Snow Load										
		5	10	15	20	25	30	35	40	45	50	55	60
	24	10" Diameter	12" Diameter	16" Diameter	16" Diameter	20" Diameter	20" Diameter	20" Diameter	20" Diameter	24" Diameter	24" Diameter	24" Diameter	24" Diameter
	28	12" Diameter	16" Diameter	16" Diameter	20" Diameter	20" Diameter	20" Diameter	24" Diameter	24" Diameter	24" Diameter	24" Diameter	Adjust	Adjust
	32	12" Diameter	16" Diameter	16" Diameter	20" Diameter	20" Diameter	24" Diameter	24" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust
	36	12" Diameter	16" Diameter	20" Diameter	20" Diameter	20" Diameter	24" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust
	40	16" Diameter	16" Diameter	20" Diameter	20" Diameter	24" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust
	44	16" Diameter	16" Diameter	20" Diameter	24" Diameter	24" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust
	48	16" Diameter	20" Diameter	20" Diameter	24" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust
丰	52	16" Diameter	20" Diameter	20" Diameter	24" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust
Nid	56	16" Diameter	20" Diameter	24" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust
ng/	60	16" Diameter	20" Diameter	24" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust
Building Width	64	16" Diameter	20" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust
B	68	16" Diameter	20" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust
	72	20" Diameter	20" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust
	76	20" Diameter	24" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust
	80	20" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust
	84	20" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust
	88	20" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust
	92	20" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust
	96	20" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust

Building width guidelines for 1500 psf Soil

Please note, these charts are only guidelines and do not replace an engineers analysis if needed.

For use with 1500 psf soil. 3000 psf and 2000 psf are in nearby tables.

How to use this chart:

Use the column with the snow load rating in your area to determine the size FootingPad you need.

If side doors larger than 8' are used larger footings will be needed for posts on either side of door.

Built in variables: Post spacing along side wall of 8 feet, dead load of 5 psf.

If your proposed building lands in an "adjust" cell, then modify the width of your building as load capacity is too high for the largest FootingPad of 24"

if your proposed			ujust cell, tile	ii iiiouiiy tile v	viatii oi youi b	unung as load	capacity is to	o mgm for the i	argest rooting	
PSF	1500									
Post Spacing (ft)	8									
Dead Load (sq ft	5									
		Snow Load								
_		5	10	15	20	25	30	35	40	
_	24	12" Diameter	16" Diameter	16" Diameter	20" Diameter	20" Diameter	24" Diameter	24" Diameter	24" Diameter	
_	28	12" Diameter	16" Diameter	20" Diameter	20" Diameter	24" Diameter	24" Diameter	24" Diameter	Adjust	
_	32	16" Diameter	16" Diameter	20" Diameter	20" Diameter	24" Diameter	24" Diameter	Adjust	Adjust	
	36	16" Diameter	20" Diameter	20" Diameter	24" Diameter	24" Diameter	Adjust	Adjust	Adjust	
_	40	16" Diameter	20" Diameter	20" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust	
_	44	16" Diameter	20" Diameter	24" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust	
_	48	16" Diameter	20" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust	
윺	52	16" Diameter	20" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust	
Building Width	56	20" Diameter	24" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust	
ng	60	20" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	
<u> </u>	64	20" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	
B	68	20" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	
_	72	20" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	
_	76	20" Diameter	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	
	80	20" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	
	84	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	
_	88	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	
_	92	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	
	96	24" Diameter	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	Adjust	

