



# POLE BUILDING FOOTING SPECIFICATIONS

## Clare County Community Development Department

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*"Our goal is to provide a safer place to live, work and play"*

### FOOTING SIZES FOR POLE BUILDINGS

THIS IS FOR 3000# PER SQUARE FOOT SOIL CAPACITY

WIDTH OF BUILDING	POLE SPACING FOR ONE STORY BUILDINGS						
	4 FEET	6 FEET	8 FEET	10 FEET	12 FEET	14 FEET	16 FEET
16 FEET	6"X12"	6"X12"	6"X14"	6"X14"	8"X16"	8"X18"	8"X18"
20 FEET	6"X12"	6"X12"	6"X14"	8"X16"	8"X18"	10"X20"	10"X20"
24 FEET	6"X12"	8"X16"	8"X16"	8"X18"	10"X20"	10"X22"	10"X22"
28 FEET	6"X12"	8"X16"	8"X18"	10"X20"	10"X22"	10"X22"	12"X24"
32 FEET	6"X12"	8"X16"	8"X18"	10"X20"	10"X22"	12"X24"	12"X26"
36 FEET	6"X12"	8"X18"	10"X20"	10"X22"	12"X24"	12"X26"	12"X28"
40 FEET	6"X14"	8"X18"	10"X20"	12"X24"	12"X26"	12"X28"	12"X28"
44 FEET	8"X16"	8"X18"	10"X22"	12"X24"	12"X26"	12"X28"	14"X30"
48 FEET	8"X16"	10"X20"	10"X22"	12"X26"	12"X28"	14"X30"	14"X32"
52 FEET	8"X16"	10"X20"	12"X24"	12"X26"	12"X28"	14"X30"	14"X32"
56 FEET	8"X18"	10"X22"	12"X24"	12"X28"	14"X30"	14"X32"	16"X34"
60 FEET	8"X18"	10"X22"	12"X26"	12"X28"	14"X30"	16"X34"	16"X36"
64 FEET	8"X18"	10"X22"	12"X26"	12"X28"	14"X32"	16"X34"	16"X36"

### FOOTING CONCRETE

FOOTING SIZE	APPROXIMATE NUMBER OF REDI-MIX BAGS OF CONCRETE*		FOOTING SIZE	APPROXIMATE NUMBER OF REDI-MIX BAGS OF CONCRETE*	
	80# BAGS	50# BAGS		80# BAGS	50# BAGS
6"X12"	¾ BAG	1 BAG	12"X26"	5 ¾ BAGS	9 BAGS
6"X14"	1 BAG	1 ¼ BAGS	12"X28"	6 ½ BAGS	10 ½ BAGS
8"X16"	1 ½ BAGS	2 ¼ BAGS	14"X30"	8 ¾ BAGS	14 BAGS
8"X18"	2 BAGS	3 BAGS	14"X32"	10 BAGS	15 ¾ BAGS
10"X20"	2 ¾ BAGS	4 ½ BAGS	16"X34"	12 ¾ BAGS	20 ½ BAGS
10"X22"	3 ½ BAGS	5 ½ BAGS	16"X36"	14 ¼ BAGS	23 BAGS
12"X24"	4 ¾ BAGS	7 ¾ BAGS	NOT USED		

\*Above numbers are rounded to nearest ¼ bag. 1 ½ - 80 pound bags or 2 ½ - 50 pound bags equal approximately 1 cubic foot of mixed concrete based on information provided by QUIKRETE® Concrete Supply Company.

### CARRIER SIZES FOR POLE BUILDINGS

THIS IS FOR SPRUCE-PINE-FIR #1 OR BETTER, DRESSED LUMBER

WIDTH OF BUILDING	POLE SPACING FOR ONE STORY BUILDINGS						
	4 FEET	6 FEET	8 FEET	10 FEET	12 FEET	14 FEET	16 FEET
16 FEET	2-2"X4"	2-2"X6"	2-2"X8"	2-2"X10"	A* 2-2"X12"	C* 3-2"X12"	C* 3-2"X12"
20 FEET	2-2"X6"	2-2"X8"	2-2"X8"	2-2"X10"	A* 2-2"X12"	C* 3-2"X12"	4-2"X12"
24 FEET	2-2"X6"	2-2"X8"	2-2"X10"	2-2"X10"	A* 2-2"X12"	C* 3-2"X12"	4-2"X12"
28 FEET	2-2"X8"	2-2"X10"	A* 2-2"X12"	C* 3-2"X12"	4-2"X12"	<b>MUST BE ENGINEERED</b>	
32 FEET	2-2"X8"	A* 2-2"X12"	A* 2-2"X12"	C* 3-2"X12"	4-2"X12"		
36 FEET	2-2"X8"	A* 2-2"X12"	C* 3-2"X12"	4-2"X12"	4-2"X12"		
40 FEET	2-2"X10"	B* 3-2"X10"	C* 3-2"X12"	4-2"X12"			
44 FEET	2-2"X10"	B* 3-2"X10"	4-2"X10"	4-2"X12"			
48 FEET	A* 2-2"X12"	C* 3-2"X12"	4-2"X12"				
52 FEET	A* 2-2"X12"	C* 3-2"X12"	4-2"X12"				
56 FEET	A* 2-2"X12"	C* 3-2"X12"	4-2"X12"				
60 FEET	B* 3-2"X10"	4-2"X10"					
64 FEET	B* 3-2"X10"	4-2"X10"					

		<b>SPECIAL NOTE</b>
A*	3-2"X10" MAY BE USED INSTEAD OF 2-2"x12"	BUILDINGS WITH POSTS SPACED 8ft. ON CENTER AND A WALL HEIGHT BETWEEN 11ft. AND 14ft. MUST USE 6in. x 6in. POSTS.
B*	4-2"X8" MAY BE USED INSTEAD OF 3-2"x10"	
C*	4-2"X10" MAY BE USED INSTEAD OF 3-2"x12"	

EFFECTIVE DATE: 12 DEC 2009