

# Pavillion

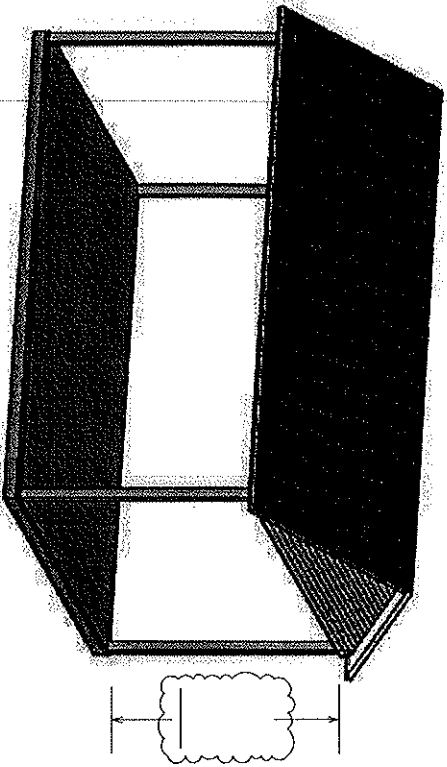
ISSUED

PERMIT #

The following information is intended as a simplified guide only and the details included meet or exceed the minimum code requirements.

Up to 600 sq. ft., 10 foot eave height, and not supported by a deck.  
 A pavillion type structure is one that has only a roof and no side walls. Pavillions must be built to carry at least 30 lbs per sq. ft. roof loads (snow and dead loads) and 90 mph wind loads.

Pavillions up to 600 sq.ft. require footing pads that are a minimum of 12 inches deep, 6 inches thick, and 12 inches in diameter (OPTION 1) OR a monolithic slab (OPTION 2) may be used. The posts need to be properly anchored to the footings or monolithic slab foundation with brackets.



Please enter eave HEIGHT

WIDTH	FOOTING DIAMETER FOUNDATION OPTION 2	MAX. POST SPACING	BEAM SIZE	CEILING JOIST SIZE SPACED MAX 24" O.C.	RAFTER SIZE SPACED MAX 24" O.C.
Up to 8 ft.	12 inch	8 ft.	2 PLY 2 X 8	2 X 4	2 X 4
10 ft.	14 inch	10 ft.	2 PLY 2 X 10	2 X 4	2 X 4
12 ft.	15 inch	10 ft.	2 PLY 2 X 10	2 X 6	2 X 4
14 ft.	16 inch	10 ft.	2 PLY 2 X 12	2 X 6	2 X 4
16 ft.	17 inch	10 ft.	2 PLY 2 X 12	2 X 6	2 X 4
18 ft.	18 inch	10 ft.	2 PLY 2 X 12	2 X 8	2 X 6
20 ft.	18 inch	9 ft.	2 PLY 2 X 12	2 X 8	2 X 6
22 ft.	19 inch	9 ft.	2 PLY 2 X 12	2 X 8	2 X 6
24 ft.	20 inch	9 ft.	2 PLY 2 X 12	2 X 10	2 X 8

Rafters and ceiling joists are sized for SPF (Spruce-Pine-Fir) grade #2 or better lumber.  
 Beams are sized for Southern Yellow Pine #2 or better.  
 Posts are to be min. 4 x 4  
 Rafters are to be connected to the beams with rafter tie downs.  
 Trusses may be used instead of rafters and ceiling joists.

## FOUNDATION OPTION 1

## FOUNDATION OPTION 2

