

# SINGLE STORY STANDARD POLE BARN FORM

ENGINEERED TRUSSES?  YES  NO

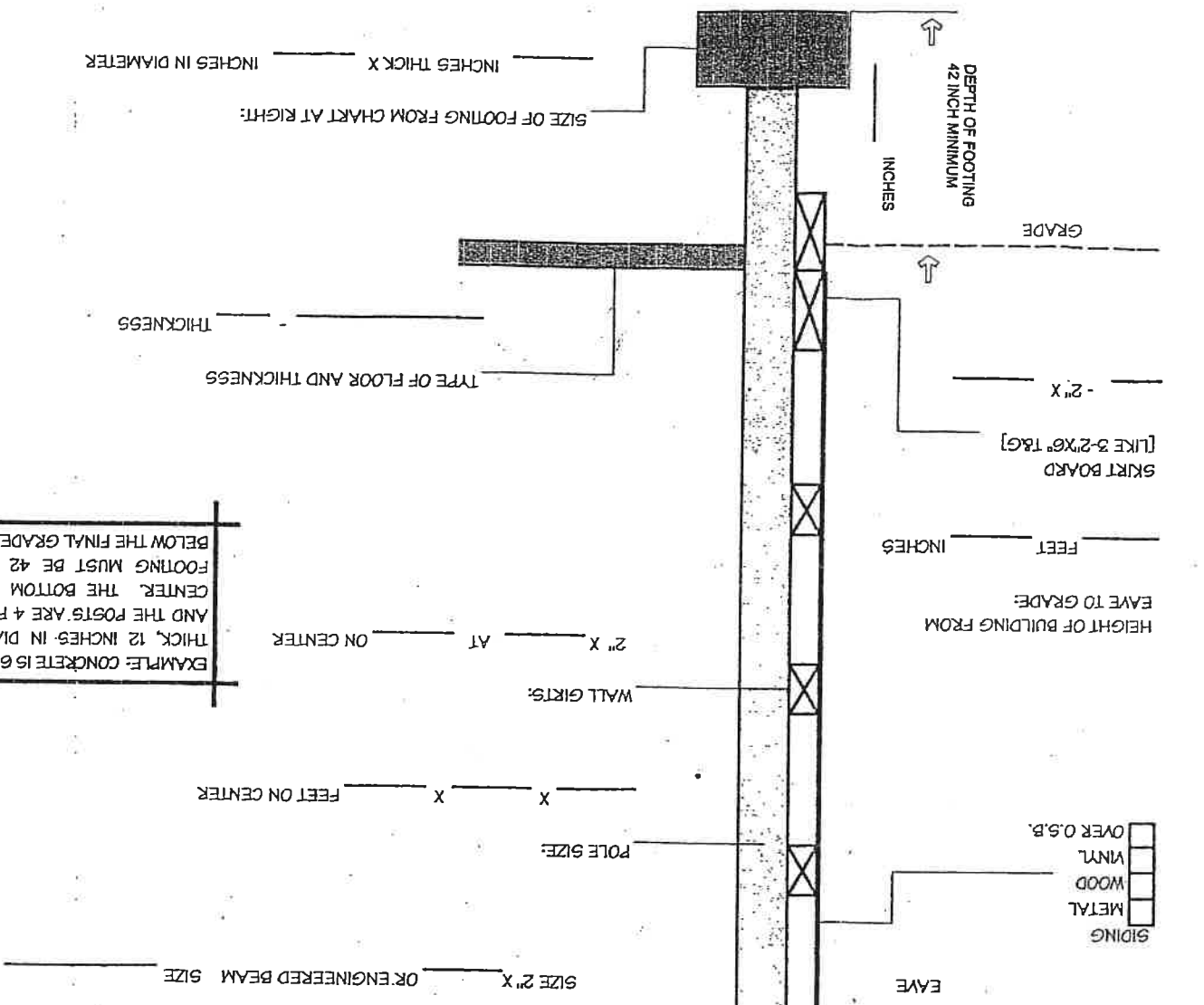
IF NOT: A=2" X \_\_\_\_\_ RAFTER B=2" X \_\_\_\_\_ CEILING JOIST

EAVE STIFFENER (FACIA) 2" X \_\_\_\_\_

EAVE

TRUSS CARRIERS  1  2  3  4

SIZE 2" X \_\_\_\_\_ OR ENGINEERED BEAM SIZE



EXAMPLE: CONCRETE IS 6 INCHES THICK, 12 INCHES IN DIAMETER AND THE POSTS ARE 4 FEET ON CENTER. THE BOTTOM OF THE FOOTING MUST BE 42 INCHES BELOW THE FINAL GRADE.

## FOOTING SIZES FOR POLE BUILDINGS

THIS IS FOR 3000# PER SQUARE FOOT SOIL CAPACITY

WIDTH OF BUILDING	4 FEET	6 FEET	8 FEET	10 FEET	12 FEET	14 FEET	16 FEET	18 FEET	20 FEET	24 FEET	28 FEET	32 FEET	36 FEET	40 FEET	44 FEET	48 FEET	52 FEET	56 FEET	60 FEET
4 FEET	6"X4"	6"X4"	6"X4"	6"X4"	6"X4"	6"X4"	6"X4"	6"X4"	6"X4"	6"X4"	6"X4"	6"X4"	6"X4"	6"X4"	6"X4"	6"X4"	6"X4"	6"X4"	6"X4"
6 FEET	6"X4"	6"X6"	6"X6"	6"X6"	6"X6"	6"X6"	6"X6"	6"X6"	6"X6"	6"X6"	6"X6"	6"X6"	6"X6"	6"X6"	6"X6"	6"X6"	6"X6"	6"X6"	6"X6"
8 FEET	6"X4"	6"X6"	6"X8"	6"X8"	6"X8"	6"X8"	6"X8"	6"X8"	6"X8"	6"X8"	6"X8"	6"X8"	6"X8"	6"X8"	6"X8"	6"X8"	6"X8"	6"X8"	6"X8"
10 FEET	6"X4"	6"X6"	6"X8"	6"X10"	6"X10"	6"X10"	6"X10"	6"X10"	6"X10"	6"X10"	6"X10"	6"X10"	6"X10"	6"X10"	6"X10"	6"X10"	6"X10"	6"X10"	6"X10"
12 FEET	6"X4"	6"X6"	6"X8"	6"X10"	6"X12"	6"X12"	6"X12"	6"X12"	6"X12"	6"X12"	6"X12"	6"X12"	6"X12"	6"X12"	6"X12"	6"X12"	6"X12"	6"X12"	6"X12"
14 FEET	6"X4"	6"X6"	6"X8"	6"X10"	6"X12"	6"X14"	6"X14"	6"X14"	6"X14"	6"X14"	6"X14"	6"X14"	6"X14"	6"X14"	6"X14"	6"X14"	6"X14"	6"X14"	6"X14"
16 FEET	6"X4"	6"X6"	6"X8"	6"X10"	6"X12"	6"X14"	6"X16"	6"X16"	6"X16"	6"X16"	6"X16"	6"X16"	6"X16"	6"X16"	6"X16"	6"X16"	6"X16"	6"X16"	6"X16"
18 FEET	6"X4"	6"X6"	6"X8"	6"X10"	6"X12"	6"X14"	6"X16"	6"X18"	6"X18"	6"X18"	6"X18"	6"X18"	6"X18"	6"X18"	6"X18"	6"X18"	6"X18"	6"X18"	6"X18"
20 FEET	6"X4"	6"X6"	6"X8"	6"X10"	6"X12"	6"X14"	6"X16"	6"X18"	6"X20"	6"X20"	6"X20"	6"X20"	6"X20"	6"X20"	6"X20"	6"X20"	6"X20"	6"X20"	6"X20"
24 FEET	6"X4"	6"X6"	6"X8"	6"X10"	6"X12"	6"X14"	6"X16"	6"X18"	6"X20"	6"X22"	6"X22"	6"X22"	6"X22"	6"X22"	6"X22"	6"X22"	6"X22"	6"X22"	6"X22"
28 FEET	6"X4"	6"X6"	6"X8"	6"X10"	6"X12"	6"X14"	6"X16"	6"X18"	6"X20"	6"X22"	6"X24"	6"X24"	6"X24"	6"X24"	6"X24"	6"X24"	6"X24"	6"X24"	6"X24"
32 FEET	6"X4"	6"X6"	6"X8"	6"X10"	6"X12"	6"X14"	6"X16"	6"X18"	6"X20"	6"X22"	6"X24"	6"X26"	6"X26"	6"X26"	6"X26"	6"X26"	6"X26"	6"X26"	6"X26"
36 FEET	6"X4"	6"X6"	6"X8"	6"X10"	6"X12"	6"X14"	6"X16"	6"X18"	6"X20"	6"X22"	6"X24"	6"X26"	6"X28"	6"X28"	6"X28"	6"X28"	6"X28"	6"X28"	6"X28"
40 FEET	6"X4"	6"X6"	6"X8"	6"X10"	6"X12"	6"X14"	6"X16"	6"X18"	6"X20"	6"X22"	6"X24"	6"X26"	6"X28"	6"X30"	6"X30"	6"X30"	6"X30"	6"X30"	6"X30"
44 FEET	6"X4"	6"X6"	6"X8"	6"X10"	6"X12"	6"X14"	6"X16"	6"X18"	6"X20"	6"X22"	6"X24"	6"X26"	6"X28"	6"X30"	6"X32"	6"X32"	6"X32"	6"X32"	6"X32"
48 FEET	6"X4"	6"X6"	6"X8"	6"X10"	6"X12"	6"X14"	6"X16"	6"X18"	6"X20"	6"X22"	6"X24"	6"X26"	6"X28"	6"X30"	6"X32"	6"X34"	6"X34"	6"X34"	6"X34"
52 FEET	6"X4"	6"X6"	6"X8"	6"X10"	6"X12"	6"X14"	6"X16"	6"X18"	6"X20"	6"X22"	6"X24"	6"X26"	6"X28"	6"X30"	6"X32"	6"X34"	6"X36"	6"X36"	6"X36"
56 FEET	6"X4"	6"X6"	6"X8"	6"X10"	6"X12"	6"X14"	6"X16"	6"X18"	6"X20"	6"X22"	6"X24"	6"X26"	6"X28"	6"X30"	6"X32"	6"X34"	6"X36"	6"X38"	6"X38"
60 FEET	6"X4"	6"X6"	6"X8"	6"X10"	6"X12"	6"X14"	6"X16"	6"X18"	6"X20"	6"X22"	6"X24"	6"X26"	6"X28"	6"X30"	6"X32"	6"X34"	6"X36"	6"X38"	6"X40"

## CARRIER SIZES FOR POLE BUILDINGS

THIS CHART IS FOR SPRUCE-PINE-FIR (SPF) #1 OR BETTER DRESSED LUMBER

POLE SPACING FOR ONE STORY BUILDINGS

WIDTH OF BUILDING	4 FEET	6 FEET	8 FEET	10 FEET	12 FEET	14 FEET	16 FEET	18 FEET	20 FEET	24 FEET	28 FEET	32 FEET	36 FEET	40 FEET	44 FEET	48 FEET	52 FEET	56 FEET	60 FEET
4 FEET	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"
6 FEET	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"
8 FEET	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"
10 FEET	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"
12 FEET	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"
14 FEET	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"
16 FEET	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"
18 FEET	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"
20 FEET	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"
24 FEET	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"
28 FEET	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"
32 FEET	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"
36 FEET	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"
40 FEET	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"
44 FEET	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"
48 FEET	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"
52 FEET	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"
56 FEET	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"
60 FEET	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"	2-2"x8"

