

SINGLE STORY STANDARD POLE BARN FORM

ACCESSORY STRUCTURES ONLY

ROOFING TYPE:

- METAL
- SHINGLE

EAVE STIFFENER:
(FACIA)

2 INCH X _____

SIDING:

- METAL
- WOOD
- VINYL
- OVER O.S.B.

HEIGHT OF BUILDING FROM
EAVE TO GRADE:

_____ FEET _____ INCHES

SKIRT BOARD:
(LIKE 3-2"X6" T&G)

GRADE:

THE FOOTING DEPTH
MUST BE 42 INCHES
FROM THE BOTTOM OF THE
CONCRETE TO THE FINAL
GRADE.

- ENGINEERED TRUSS' _____ ON CENTER.
- HAND FRAMED RAFTERS

A= _____ X _____ RAFTER _____ ON CENTER

B= _____ X _____ CEILING JOIST _____ ON CENTER

PITCH _____ / _____

QTY () TRUSS CARRIERS FROM CHART: _____ X _____

POLE SIZE: _____ X _____ AT _____ ON CENTER

WALL GIRTS: _____ X _____ AT _____ ON CENTER

**BUILDINGS WITH POSTS SPACED 8 FEET
ON CENTER OR GREATER AND A WALL
HEIGHT BETWEEN 11 FEET AND 14 FEET
MUST USE 6 INCH BY 6 INCH POSTS**

FLOOR:

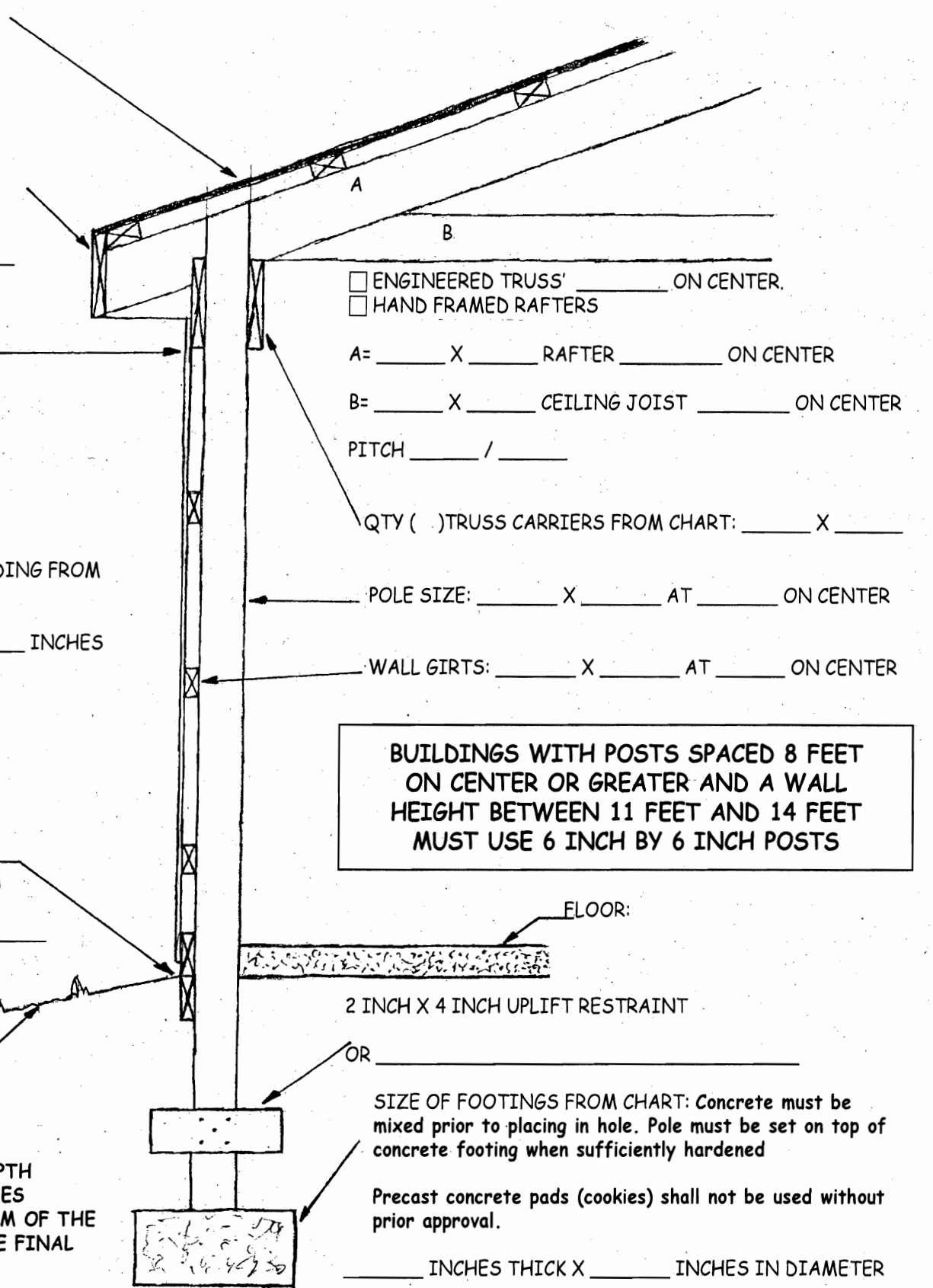
2 INCH X 4 INCH UPLIFT RESTRAINT

OR _____

SIZE OF FOOTINGS FROM CHART: Concrete must be
mixed prior to placing in hole. Pole must be set on top of
concrete footing when sufficiently hardened

Precast concrete pads (cookies) shall not be used without
prior approval.

_____ INCHES THICK X _____ INCHES IN DIAMETER



Eaton County Department of Construction Codes

1045 Independence Boulevard, Charlotte, Michigan 48813 Telephone: (517) 543-3004 Fax: (517) 543-9924
 "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 SINGLE STORY BUILDING						
	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*	
	80# BAGS	50# BAGS
6"X12"	3/4 BAG	1 BAG
6"X14"	1 BAG	1 1/4 BAGS
8"X16"	1 1/2 BAGS	2 1/4 BAGS
8"X18"	2 BAGS	3 BAGS
10"X20"	2 3/4 BAGS	4 1/2 BAGS
10"X22"	3 1/2 BAGS	5 1/2 BAGS
12"X24"	4 3/4 BAGS	7 3/4 BAGS
12"X26"	5 3/4 BAGS	9 BAGS
12"X28"	6 1/2 BAGS	10 1/2 BAGS
14"X30"	8 3/4 BAGS	14 BAGS
14"X32"	10 BAGS	15 1/2 BAGS
16"X34"	12 3/4 BAGS	20 1/2 BAGS
16"X36"	14 1/4 BAGS	23 BAGS

*Above numbers are rounded to nearest 1/4 bag. 1 1/2 - 80 pound bags or 2 1/2 - 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 #2 OR BETTER

WIDTH OF BUILDING	POLE SPACING FOR SINGLE STORY BUILDING						
	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"	2-2"X12" ^A	3-2"X12" ^C	3-2"X12" ^C
20 FEET	2-2"X6"	2-2"X8"	2-2"X8"	2-2"X10"	2-2"X12" ^A	3-2"X12" ^C	4-2"X12"
24 FEET	2-2"X6"	2-2"X8"	2-2"X10"	2-2"X10"	2-2"X12" ^A	3-2"X12" ^C	4-2"X12"
28 FEET	2-2"X8"	2-2"X10"	2-2"X12" ^A	3-2"X12" ^C	4-2"X12"		
32 FEET	2-2"X8"	2-2"X12" ^A	2-2"X12" ^A	3-2"X12" ^C	4-2"X12"		
36 FEET	2-2"X8"	2-2"X12" ^A	3-2"X12" ^C	4-2"X12"	4-2"X12"		
40 FEET	2-2"X10"	3-2"X10" ^B	3-2"X12" ^C	4-2"X12"			
44 FEET	2-2"X10"	3-2"X10" ^B	4-2"X10"	4-2"X12"			
48 FEET	2-2"X12" ^A	3-2"X12" ^C	4-2"X12"				
52 FEET	2-2"X12" ^A	3-2"X12" ^C	4-2"X12"				
56 FEET	2-2"X12" ^A	3-2"X12" ^C	4-2"X12"				
60 FEET	3-2"X10" ^B	4-2"X10"					
64 FEET	3-2"X10" ^B	4-2"X10"					

MUST BE ENGINEERED

^A3-2"X10" MAY BE USED INSTEAD OF 2-2"x12"
^B4-2"X8" MAY BE USED INSTEAD OF 3-2"x10"
^C4-2"X10" MAY BE USED INSTEAD OF 3-2"x12"

CARRIER SIZES FOR POLE BUILDINGS:

PLEASE DRAW IN ALL DOORS, WINDOWS, AND POSTS. SHOW SIZES FOR ALL.
WRITE IN THE DIMENSIONS OF THE BUILDING

FEET

FEET