Guidelines for Residential Pole Building Construction 1200 sq. ft. or less, that maintain a 7/12 roof pitch or less and 10 ft. wall height or less

Building Details

Length: _______  Width: _______  Square footage: _______

Wall Height: _______  Roof Pitch: _______
** Pole Barn 1201 sq. ft. or greater, roof pitch great than 7/12 or a wall height over 10 feet are required to be designed by an S.C. license design professional **

Inspections needed

1) Post Bore hole inspection/ footer
2) Setbacks
3) Slab (if structure has a concrete floor)
4) Roof framing
5) Final
Post Footing Detail

Encase Pole bottom w/ (5) 80 lbs bags Concrete. Backfill hole w/ soil then compact.

(2) 16" #5 Rebar through bottom of pole.

Grade Line

6" x 6" Treated Pole

9" Concrete Pad

18"

Footing Min. 9" x 18" DIA.

Truss to Pole Connection
Roof Purlin Hanger
2x6 Roof Purlins 24" O.C. with Hanger
**Max span 10 ft.**
Wall or Roof Panel Detail

WALL OR ROOF PANEL

GIRT OR PURLIN

10d nail or screws 9" O.C.  0d NAIL 1" OC

2x6 Wall Girts 24" O.C. w/ (2) 20 d nails per Girt

Wall Bracing
****Diagonal bracing at all corners****

Door Framing
(2) ½ Bolts
Top and Bottom
(6) 20d Nails
Both sides of opening

STEEL SIDING

2X12 HEADER ON BOTH SIDES OF 6X6 POST

DOOR POST

6X6 BLOCKS

S TRIM

J TRIM

3' BOLT & 20d NAIL ON BOTH SIDES