Pole Building Section
Residential accessory structure, single-story, <16-feet in height

Mean (midpoint) roof height: < 20-feet

No attic storage

Wall Girts:
2 x 4s at 24" o.c.
(2) - 16d hot-dipped galvanized fasteners

Lateral Brace
8’ maximum post spacing

Knee Brace
Notch post for truss carrier or provide 2 x 6 ledger block below.

Uplift blocks:
(2) 2 X 6 treated; 12” long, fastened with (5) – 16d hot dipped galvanized fasteners.

Concrete Foundation:
- <24’ wide building: 18” diameter
- 24’-36’ wide building: 24” diameter
- Shall be wet-poured; pre-cast concrete “cookies” not approved.

Check the following that apply:

Floor plan / Building Width:
- <16-feet tall at truss bearing.
- < 36-feet width (including overhangs and porches); wider buildings require design / engineering.

Foundation: see section.

Posts:
- Size: 4 x 6 minimum treated.
- Spacing: 8-foot maximum.

Knee Brace: indicate on section
- Size: 2 x 6 at a 45° angle
- Location: from each post to trusses; as follows:
  - 8'-10’ Wall Height = 18”
  - 10’-12’ Wall Height = 24”
  - 12’-14’ Wall Height = 36”
  - 14’-16’ Wall Height = 48”
- Taller wall height requires engineering.

Lateral Bracing: indicate locations on plan
- 2 x 6 (post-post diagonally) at corners and with spacing less than 25’ o. c., from girder to skirt board, fastened with (2) 16d hot-dipped galvanized fasteners at posts and (2) 10d fasteners at the skirt board. Face nailed.
- Continuous wood sheathing if less than 3-feet from corner to opening.

Truss Girders:
- 1 ½” bearing or ledger required, unless all trusses bear directly on post.
- Building width:
  - (24’ or less): (2) 2 x 12s.
  - (>24’ to 36’ buildings): (3) 2 x 12s or LVLs.
- Girder Fasteners: three (3) ½” diameter bolts.

Gable Headers:
- (2) 2 x 12s attached to post.

Roof / Pre-Engineered Trusses: Submit sealed pre-engineered drawings to inspector on site.
- Truss spacing shall align with Post-intervals or see truss girders.
- Truss-connectors: (aka hurricane-straps).

Roofing:
- 2x4 purlins 24” o. c. with steel roof.
- 7/16” OSB and asphalt roofing.

Siding:
- Steel on 2 x 4 purlins.
- Wood sheathing (OSB) for vinyl or other siding; may be needed for lateral-bracing per RCO §602.10.

Floor:
- Concrete or gravel floor is acceptable.