The following is a typical cross-section for a residential/agricultural ‘pole building’. It may or may not represent the proposed project. If you are using this detail as a portion of your plan submittal, please complete the requested information where indicated. This completed detail, along with any additional information, needs to be submitted with your application and be on site at the time of inspection. The maximum width of a pole building (truss span) is 36 feet. The maximum area of buildings constructed under the provisions of this brochure is limited to 3,000 square feet including lean-to’s and can not exceed a 39 pound ground snow load (30 pound roof snow load).

**Illustration 1**

<table>
<thead>
<tr>
<th>MINIMUM/MAXIMUM WITHOUT ENGINEERING</th>
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<td><strong>MINIMUM:</strong></td>
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**NOTE:** ADDITIONS, LEAN-TO’S MAY BE PERMITTED WITHOUT ADDITIONAL ENGINEERING PROVIDED THAT THE TOTAL TRIBUTARY SPAN ON EACH POST DOES NOT EXCEED 18’. STRUCTURES ARE REVIEWED ON A CASE BY CASE BASIS.

**NOTE:** MAXIMUM 6” OF COMPACTED EARTH OR GRAVEL MAY BE USED IN BOTTOM OF HOLE TO STABILIZE POST DURING CONCRETE PLACEMENT
Illustration 2

Pole Building Foundation Detail

- 6" x 6" min. pressure treated column
- Compacted earth or crushed rock (optional)
- 3 1/4" concrete minimum
- 4 5/8" hole minimum
- Finish grade
- 2'-0" minimum
TYPICAL PURLIN CONNECTIONS

Illustration 3

2X4 (OR EQUIVALENT) BRACING EVERY 25 LINEAL FEET AND ALL CORNERS NAILED TO EACH GIRT WITH TWO (2) 10D NAILS

REDWOOD OR TREATED BOTTOM GIRT

TYPICAL PURLIN CONNECTIONS

9" Min.

2 1/2" Min.

BLOCKING BETWEEN TRUSS MEMBERS
REQUIRED INSPECTIONS:

1. Hole inspection required before holes are filled to determine diameter, depth of holes and setbacks of the structure relative to property lines.

2. Framing and Final inspection required after entire structure is framed and siding/roofing materials applied and PRIOR to use or occupancy of the building.

JURISDICTION CONTACT LIST:

Building and Code Enforcement ...... 477-3675
Planning............................................. 477-7200
Engineering and Roads ................. 477-3600
Utilities................................................ 477-3604

For more information contact:

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Spokane, WA 99260-0050
(509) 477-3675 bp@spokanecounty.org
http://www.spokanecounty.org/bp

Please note that while every effort is made to assure the accuracy of the information contained in this brochure it is not warranted for accuracy. This document is not intended to address all aspects or regulatory requirements for a project and should serve as a starting point for your investigation. For detailed information on a particular project, permit, or code requirement refer directly to applicable file and/or code/regulatory documents or contact the appropriate division or staff.

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