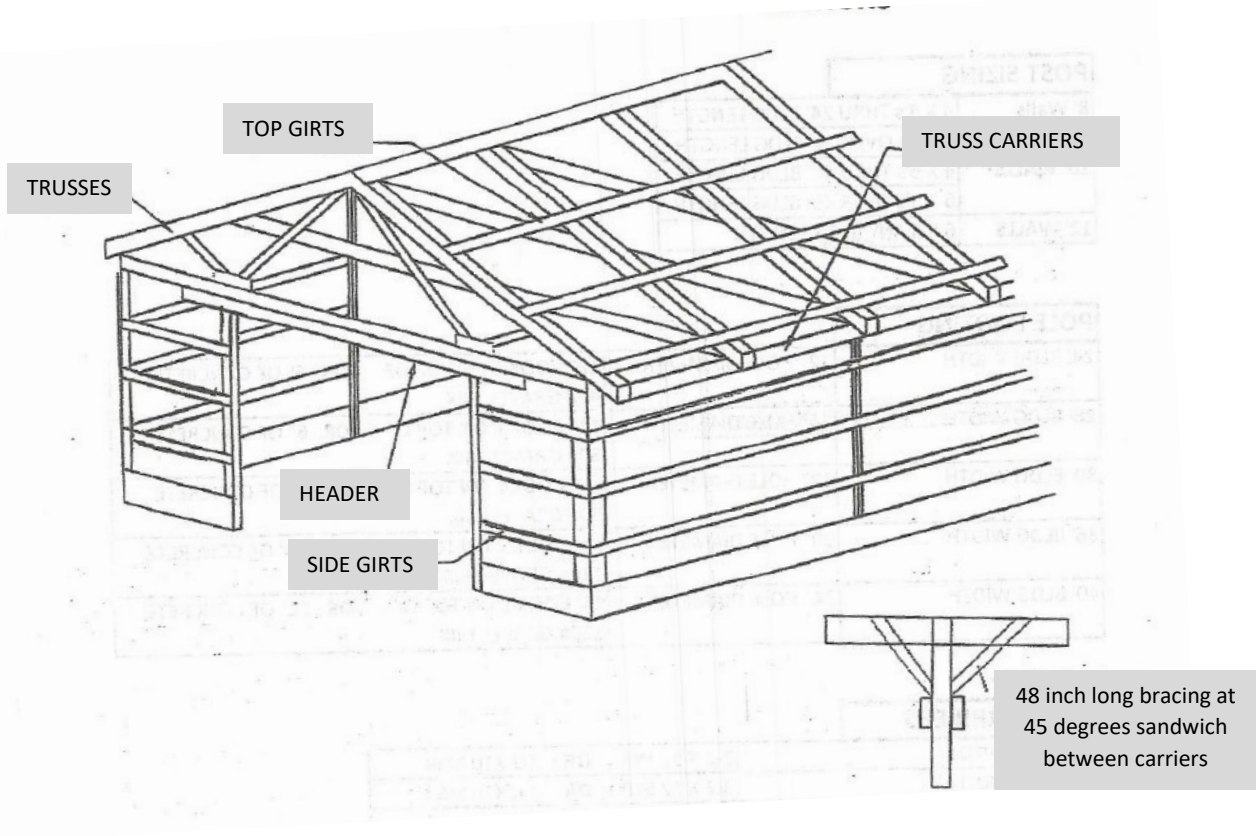




**Residential Pole Building  
Plans & Specifications**

**Community Development Department**  
21 S ELM ST - ZEELAND, MI 49464  
Phone 616-772-0872 - Fax 616-772-0880  
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- BUILDING SIZE:** \_\_\_\_\_ X \_\_\_\_\_ X \_\_\_\_\_
- TRUSS LOADING:** \_\_\_\_\_ TCLL; \_\_\_\_\_ TCDL  
\_\_\_\_\_ BCLL; \_\_\_\_\_ BCDL

Minimum 50# Ground Snow Load  
Truss Bracing: See Manufacturer's Specs  
Truss Prints are Required Before Obtaining Permit

**Y BRACING**  
Wind pressure on the walls will cause the pole to bend at the ground line. "Y" BRACING should be provided at the eave line for buildings over 10 ft tall and/or for buildings over 60 ft long.

- POSTS:** \_\_\_\_\_ X \_\_\_\_\_; \_\_\_\_\_ O.C.  
See Post Sizing Chart on page 2
- POLE FOOTINGS:** \_\_\_\_\_  
See Pole Footing Chart on page 2
- TRUSS CARRIERS:** \_\_\_\_\_ - \_\_\_\_\_ X \_\_\_\_\_ (Material Type)  
See Truss Carrier Chart on page 2
- MAIN DOOR HEADER:** \_\_\_\_\_ X \_\_\_\_\_
- TOP & SIDE GIRTS:** \_\_\_\_\_ X \_\_\_\_\_; \_\_\_\_\_ O.C.



<b>POST SIZING</b>	
8 FT Walls	4 x 4's THRU 24 FT BLDG LENGTH
	4 X 6'S OVER 24 FT BLDG LENGTH
10 FT Walls	4 x 6's THRU 40 FT BLDG LENGTH
	6 X 6'S OVER 40 FT BLDG LENGTH
12 FT Walls	6 X 6 ANY BLDG LENGTH

<b>POLE FOOTING</b>		
24 FT BLDG WIDTH	12 IN HOLE DIAMETER	12 INCH COOKIE ON TOP OF 40# GRAVEL MIX <b>OR</b> 6 IN OF CONCRETE
26 FT BLDG WIDTH	16 IN HOLE DIAMETER	12 IN COOKIE ON TOP OF 80# GRAVEL MIX <b>OR</b> 6 IN OF CONCRETE
30 FT BLDG WIDTH	18 IN HOLE DIAMETER	16 IN COOKIE ON TOP OF 80# GRAVEL MIX <b>OR</b> 8 IN OF CONCRETE
36 FT BLDG WIDTH	20 IN HOLE DIAMETER	16 IN COOKIE ON TOP OF 120# GRAVEL MIX <b>OR</b> 12 IN OF CONCRETE
40 FT BLDG WIDTH	24 IN HOLE DIAMETER	16 IN COOKIE ON TOP OF 120# GRAVEL MIX <b>OR</b> 12 IN OF CONCRETE

<b>TRUSS CARRIERS</b>	
24 FT BLDG WIDTH	2-2 X 12 SYP <b>OR</b> 2-2 X 10 MSR
26 FT BLDG WIDTH	3-2 X 12 SYP <b>OR</b> 2-2 X 10 MSR
30 FT BLDG WIDTH	3-2 X 12 SYP <b>OR</b> 2-2 X 10 MSR
36 FT BLDG WIDTH	4-2 X 12 SYP <b>OR</b> 3-2 X 10 MSR
40 FT BLDG WIDTH	4-2 X 12 SYP <b>OR</b> 3-2 X 10 MSR