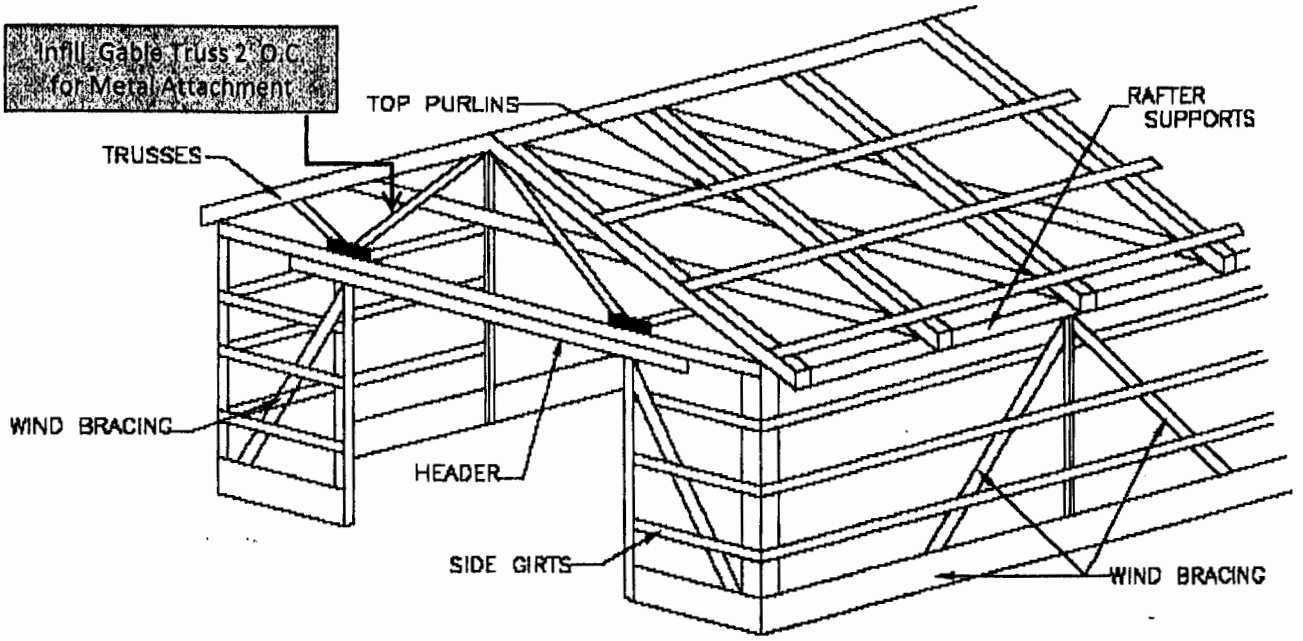
Clinton County
Building Department
(989) 224-5181

MICHIGAN CONSTRUCTION CODE
Public Act 230 - 1972

PLAN
Pole Type
Structure



SPECIFICATIONS:

1. BUILDING SIZE _____ x _____ x _____ (W x L x H)
2. TRUSSES: YES ☐ NO ☐
3. TRUSS SIZE: _____ x _____ @ _____ O.C.
4. RAFTERS: _____ x _____ x _____ O.C.
5. ROOF PITCH: _____ / _____
6. POSTS: _____ x _____ @ _____ O.C.
7. FOOTINGS: _____
   (Minimum Depth: 48" or 1/4 of Length of Pole)
8. MAIN DOOR HEADER: _____ x _____ & _____
9. TOP GIRTS: _____ x _____ @ _____ O.C.
10. SIDE GIRTS: _____ x _____ @ _____ O.C.
11. CONCRETE FLOOR: YES ☐ NO ☐

WIND BRACING

Wind pressure on the walls will cause the pole to bend at the ground line. A WIND BRACE should be provided at the eave line for buildings with a side wall height of over 10', and for buildings 60' long and over. The BRACE should be a 2" x4" at least 12' long, extending from the pole to the rafter at an angle of 45° to the side wall.

FASTENERS

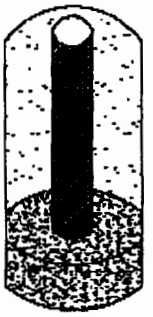
Fasteners for perservative-treated wood shall be of hot-dipped zinc-coated galvanized steel, stainless steel, silicon bronze or copper.

BRACING IN ROOF

To provide for lateral support of the trusses - see manufactured truss certification.

CONCRETE PAD

Minimum of 8" inches thick
2500 PSI concrete.
NO DRY MIX FOR PADS



POLE SPACING INFORMATION: (Circle One)

POLE SPACE	BLDG WIDTH	PAD DIAMETER
8'	24'	12"
8'	26'	16"
8'	30'	18"
8'	36'	20"
8'	40'	24"

RAFTER SUPPORTS: (Circle One)

8'	24'	2 - 2" x 10"
8'	26'	2 - 2" x 12"
8'	30'	2 - 2" x 12"
8'	36'	3 - 2" x 12"
8'	40'	3 - 2" x 12"

NAIL CONNECTIONS:

2" x 10" - (5) 20D Nails Per Connection
2" x 12" - (6) 20D Nails Per Connection

SUPPORTS FOR 8' POLE SPACING ONLY: (Circle One)

EAVE HEIGHT:
8' - 4" x 4" thru 24' LENGTH
10' - 4" x 6" thru 40' LENGTH
10' - 6" x 6" thru 60' LENGTH
12' - 6" x 6" thru 50' LENGTH