

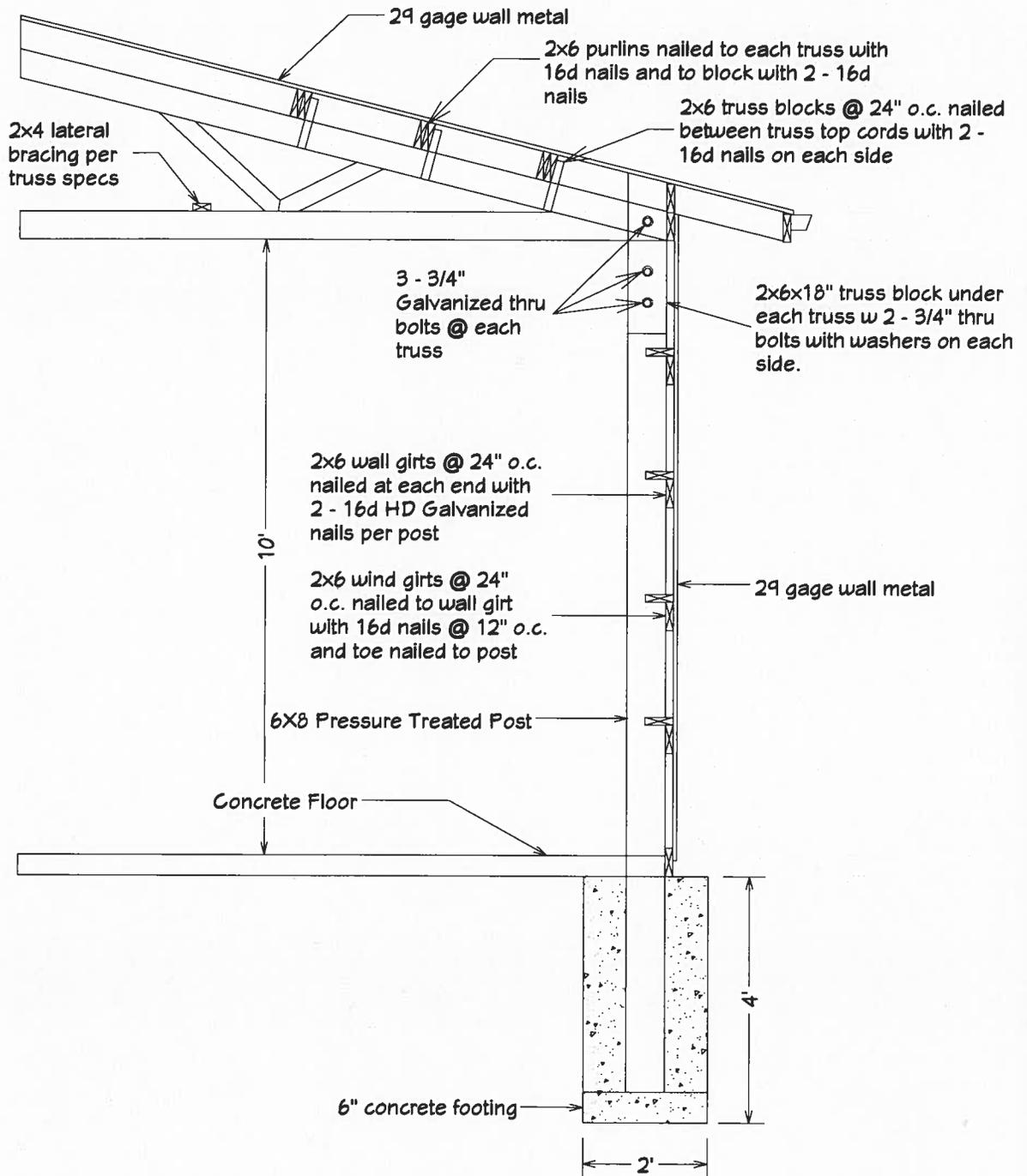
CITY OF ABERDEEN

NON-ENGINEERED RESIDENTIAL

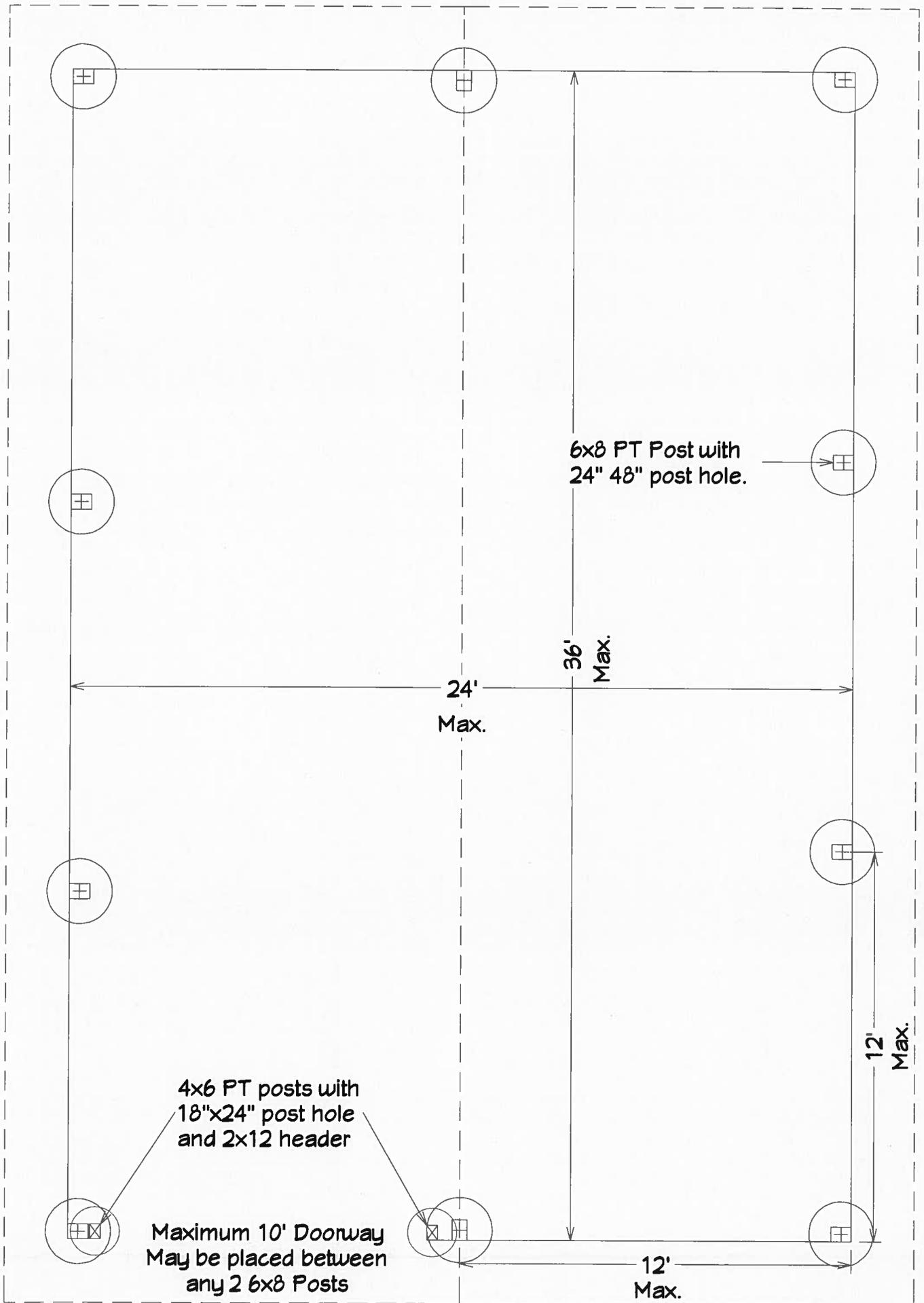
POLE BUILDING REQUIREMENTS

The City of Aberdeen does not require engineered plans for pole buildings constructed in accordance with the following standards.

- Building Length-** 36 feet Maximum.
- Building Width-** 24 feet maximum.
- Eave Height-** 10 feet maximum.
- Post Spacing-** 12 feet maximum.
- Post Size-** 6"x8" HF #2 pressure treated for ground contact.
- Post Holes-** 24" in, diameter by 4' deep into UNDISTURBED soil.
- Footings-** 6" deep concrete footing shall be provided at the bottom of post holes.
- Backfill-** Postholes shall be backfilled with concrete.
- Wall Girts-** 2"x6" wall girts @ 24" o.c., with 2"x6" wind girts @ 24" O.c.
- Roof Purlins-** Shall be a minimum of 2"x6" DF #2 and shall be overlapped at supports by not less than 1 foot and nailed together with no less than 4 - 16d nails and connected to 2"x6" through truss blocks with 2 -16d nails on each side.
- Trusses-** Shall be pre-engineered and pre-manufactured. Trusses shall be connected to the posts with 1-3/4" through bolt with nut and washers and shall set on a 2x6"x18" truss block connected to the post with 2 - 3/4" through bolts with nut and washers. Engineered truss specifications shall be on-site for the framing inspection and the bottom chords shall be braced in accordance with the manufactures requirements.



Cross Section



6x8 PT Post with
24" 48" post hole.

24'
Max.

36'
Max.

12'
Max.

4x6 PT posts with
18"x24" post hole
and 2x12 header

Maximum 10' Doorway
May be placed between
any 2 6x8 Posts

12'
Max.