



# UPPER MACUNGIE TOWNSHIP

## Residential Pole Building Permit Submittal and Installation Guide

All work shall meet the requirements of the 2015 International Residential Code and 2015 International Building Code.

### **Please utilize the checklist below before submitting an application:**

Provide a plot plan showing the location of the proposed structure on the property with dimensions.

Provide a complete design with a scope of work to explain all parts of the construction project. Include the overall dimensions, structural details, doors, windows, interior walls, wiring, plumbing or other component with all details.

Provide a complete structural design. Provide all constructions details, member sizes, spans, truss designs, fasteners, connections, bracing, supports, roof information, purlin or girt details or other data.

Provide truss designs from a design professional with individual truss details, a truss installation plan, connection & required bracing details with the manufacturer's installation & erection instructions.

Provide a footing location plan with the footing diameter & depth and the design for protection from uplift.

Provide the wood preservative used for posts embedded, in ground contact or installed above grade.

Provide the vapor barrier & insulation details for the structure and slab as applicable.

Provide the roof type and design with connection and construction details. Is the roof a floating design or will the roof be used as the horizontal diaphragm to transfer loads from the post-frame to end and shear walls? Provide your design and all details.

Provide the design for the floor.

Provide a plan showing the location and design of all interior walls.

Provide a design for plumbing installations with a plan showing the fixture and trench locations, trench depth, pipe sizing, fixture locations, protection from freezing or other details as applicable.

Provide a design for heating the space with all equipment, fuel type & installation, unit control and disconnect, tanks, electrical requirements or other details as applicable.

Provide a complete electrical design. Electric is not required for a detached residential accessory structure, but if installed it must meet the following requirements:

- A. Section 3601.6 A service disconnect is required for other than single or multi-wire circuits.
- B. 3607.3/3608 Service grounding shall be re-established at the outbuilding
- C. NEC 338 & UL White Book Service cable notation states if service cables are used underground, they must be listed as type USE.
- D. E3405 Provides the minimum workspace requirements for electrical equipment & panels.
- E. E3901.9/E3902.2 At least one GFCI protected receptacle shall be installed in an accessory structure.
- F. E3903.3 At least one switch controlled light outlet shall be installed to provide illumination outside the door of a garage or accessory structure.
- G. E3903.3 At least one switch controlled lighting outlet must be installed inside each residential garage, pole building or accessory structure and illumination must be adequate to navigate the space & operate mechanical or electrical equipment such as circuit breakers at the electrical panel.

Provide your design for storm water drainage away from the structure.

Provide details for preparations for future electric, plumbing, heating, or other proposed items.