

## **Office Trailer Technical Notes – Hydro, etc**

### **Hydro requirements for Office Trailers.**

- Hydro Panel is a single phase, 120 volt/240volt.
- Has a 100 amp main breaker switch.
- Everything in the trailer is 120 volt, except Mobile Homes which require 240 volts.
- Each electric heater is 120 volt and draws approx. 11 amps.
- Air conditioning draws approx. 10 to 15 amps.
- None of the trailers have a hydro mast or meter base.

### **Trailer construction**

- Wall consists of exterior alum., ¼” chip board, 2”x3” spruce studs, R-8 insulation, vapour barrier and woodgrain interior panelling.
- Floor consists of commercial grade floor covering, 5/8” plywood, 2” x 6” floor joists, R-12 insulation and standard poly weave.
- Ceiling consists of vinyl ceiling board, vapour barrier, 2”x6” ceiling roof rafters, R-12 insulation, Foam core under 30 gauge galvanized steel roof.
- Windows are double aluminum slider windows with bug screens.
- Office trailer weight: length x width x 25 = weight. Add 500 lbs for bathroom.  
Tongue weight: 18% of trailer weight.

### **Mobile Homes**

#### **Hydro requirement.**

- The older homes with a propane furnace require 240 volt, 100 amp service.
- The newer homes require 240 volts at 200 amp service because of the electric furnace.

#### **Connections**

- ½” or ¾” copper water inlet.
- 3” sewer pipe.
- Propane if home has propane furnace. Propane and low pressure regulator supplied by others.