

of refrigerators, microwaves, and old CRT televisions (the big boxy kind).

Residents should only use unmodified UL-listed devices that have not been tampered with. Any electrical device you purchase in a store should be UL listed.

Another alternative is to build a 12-volt electrical system instead of using 120-volt AC, which is the kind coming from standard wall sockets. 12-volt systems have more limited capabilities but can be better suited to structures that are not on the electrical grid. We have designed and experimented with this kind of electrical source with acceptable results. Maybe in a later edition of this manual, if there is enough demand, we will add a section about adding a 12-volt system that can power a light, a fan, and a way to charge a cell phone. It isn't hard to find kits that will do this for you, so you don't have to wait for us!

3. HOW DO YOU MOVE A FULLY ASSEMBLED HUT?

After building more than 120 Conestoga Huts we've learned the value in having multiple ways to pick up, put down, and transport them in a safe manner. Early on, we mostly used people-power to move Huts, which is still my personal favorite way, but also the riskiest. If one person goes down the possibility of injury goes up for everyone. Someday I would like to get a contract for a local football team to move huts this way, "hut, hut . . . lift!"



Ten volunteers handloading a Hut onto a flatbed trailer

After lifting 20 or so Huts this way without a single injury, we figured it would be best to stop doing it this way and invent a way that didn't put people's physical safety at risk.

Our next strategy for lifting a Hut involved a series of jacks, blocks, and beams to lift a Hut up high enough to drive a trailer under the lifted Hut. After the trailer was in position, you can lower the jacks and set the Hut on a flatbed trailer. This strategy achieved safety but is a very slow process.

Our project coordinator is working now to revise the jacking strategy using a mobile vehicle lift and rollers. The idea is to lift the Hut up and then move it onto our flatbed