

My logging equipment.

There are some specialty items that I feel are a “must” for making boards from logs. Making boards involves more than planking a log.

I am not a tree climber or arborist. There are lots of people that do this. I will assume that the logs are already down and in a place that I can back my trailer into.

The second thing will be a way to move the logs around flat ground and onto the mill.

The third thing is a way to make flat boards from round logs. I use an electric Chainsaw type mill that I adapted from a gas chain saw mill of my own design.

Once the boards have been cut from the logs they can normally be handled by hand. The mill ends can be handled like firewood and the sawdust can be handled with a shovel and a wheelbarrow.

With that said: I will share how my simple equipment is made with photos and dimensions. I can handle logs up to about 20 inches in diameter and about 10 feet long. My equipment has to be easily stored or have more than one purpose. **These plans are for reference only. I or the Greens machines are not responsible for accidents caused by the equipment or by human error.**

My Log arch



My Utility trailer has a 2090 pound axle . The trailer weighs about 500 lbs. This means that I have a 1500 pound carrying capacity. My trailer bed measures 91”L x 52 “W.

I originally built a standard swing over arch using the ramp hinge points for the arch hinge points. I realized that the arch would work about a hundred times better if I could lock the arch in place. I set my arch to pull from 3 different positions. I have my arch setup to lock straight up. This is good for skidding and loading logs. Full forward: Good for nosing the longer logs forward. Full rear position: I use this for unloading logs.

I use a 4500 pound winch. I have pulled what I estimate to be 800 to 1000 pound logs without bogging the winch using a single line. I also mounted my winch so it could be removed.

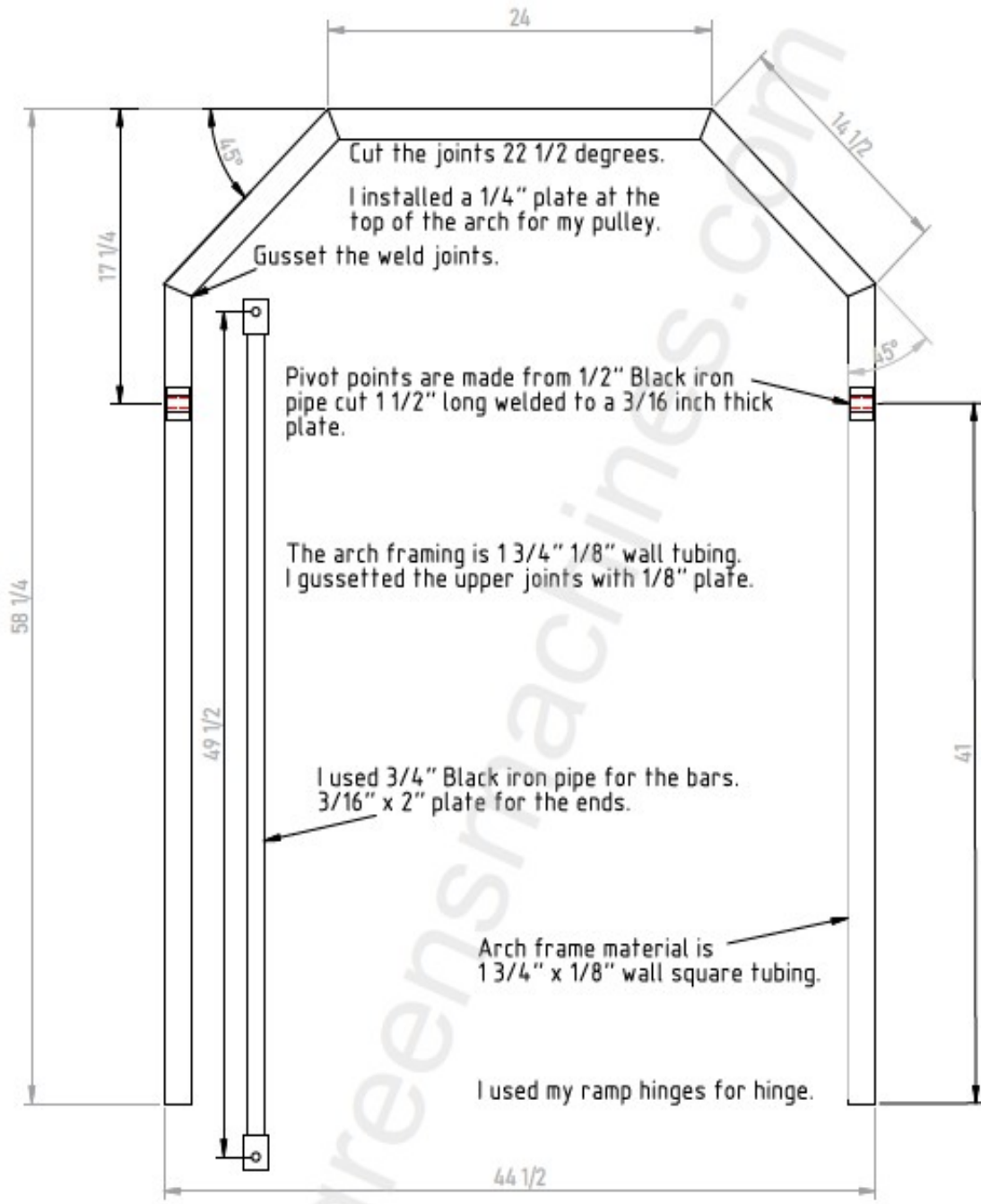
I will give sizes and dimensions for my trailer. This will be a good starting point for other trailers. Bigger trailers and winches will require heavier materials.



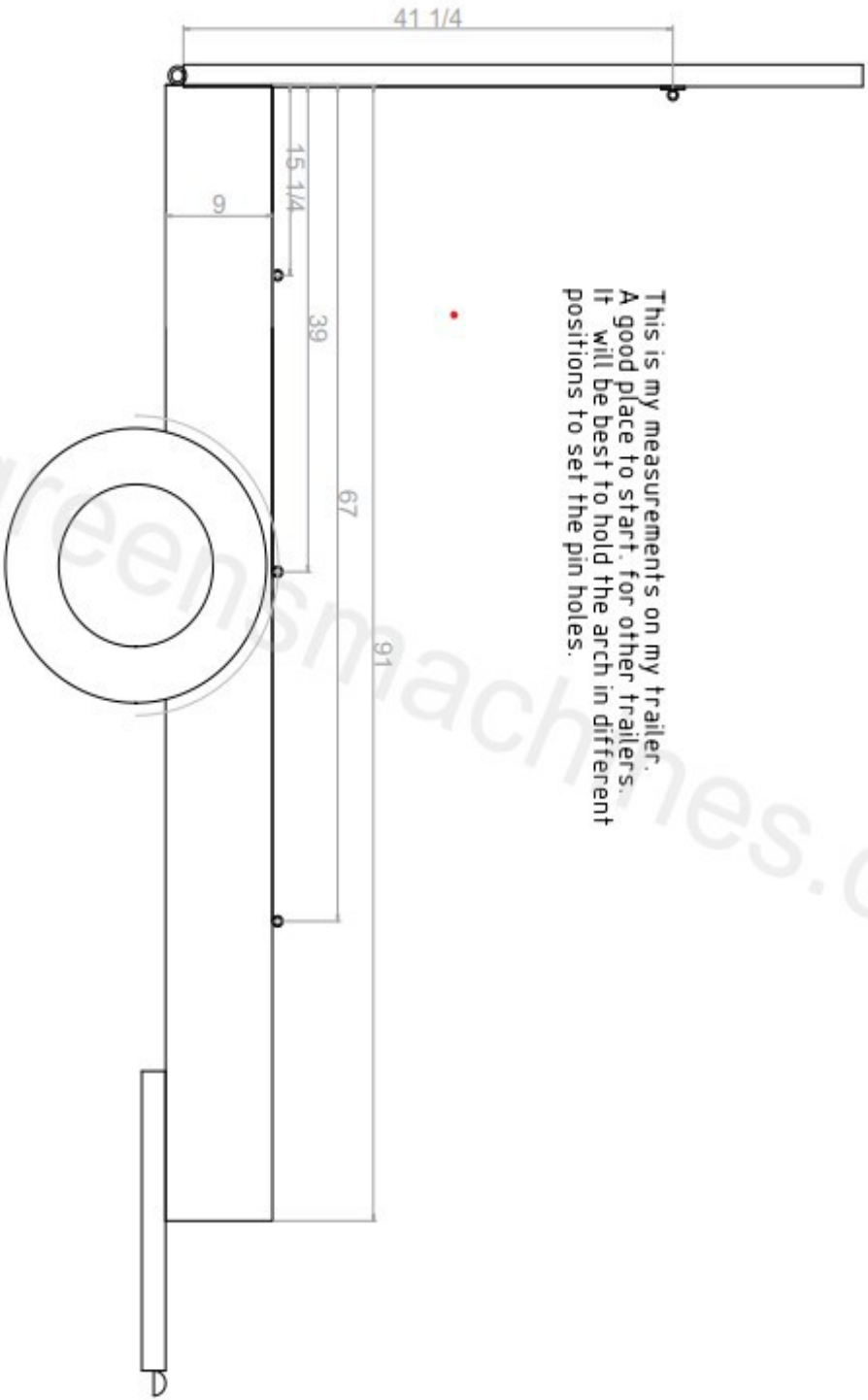
Ready to unload the log.



Removable winch mounting.



thegreensmachines.com



This is my measurements on my trailer.
A good place to start, for other trailers.
It will be best to hold the arch in different
positions to set the pin holes.

thegreensmachines.com
trailer arch side view.