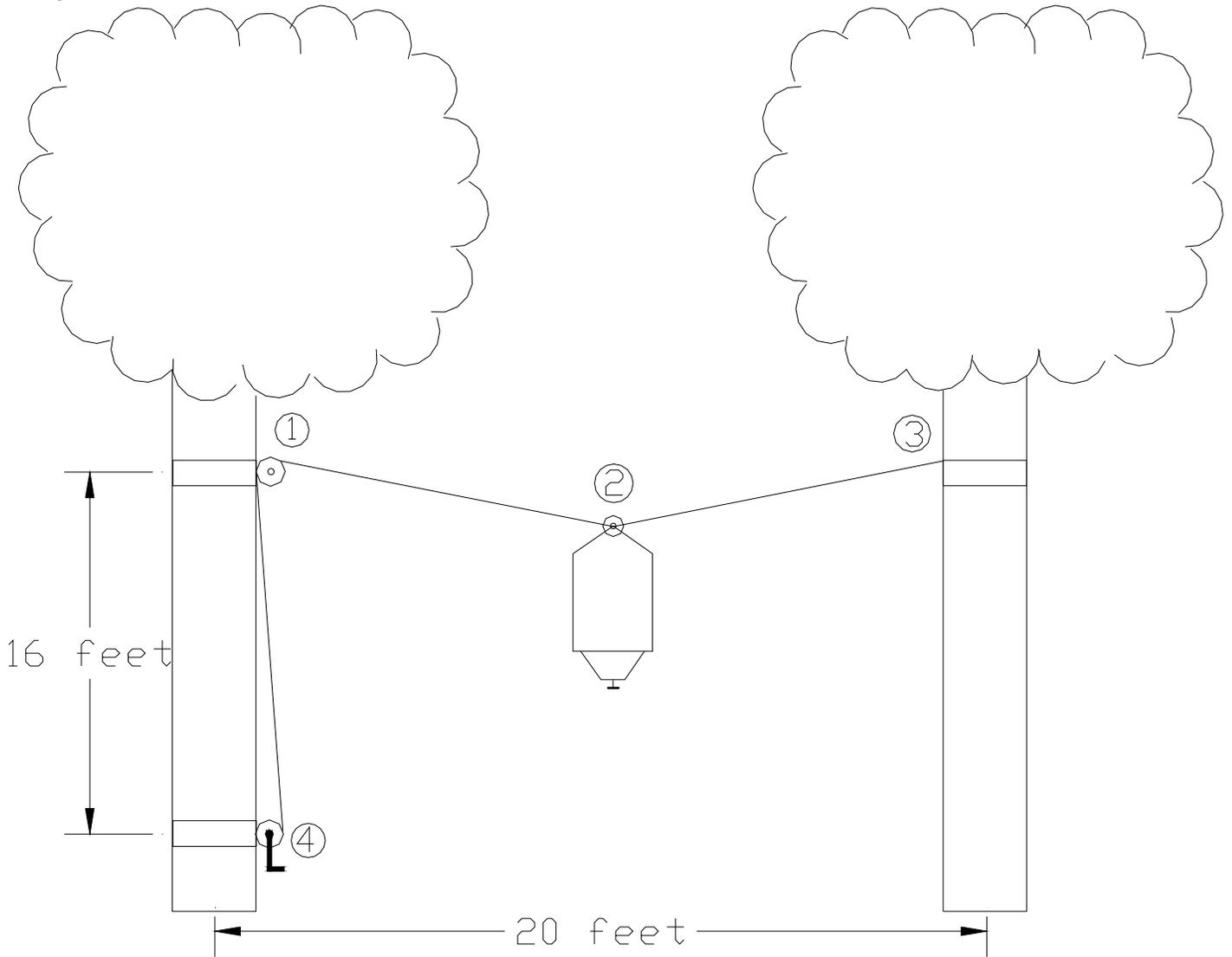




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Suspended Cable Design

By Donald Pierce



Materials:

Boat winch or electric winch if power is available

3 hammock straps or firehose or ratchet straps

2 pulleys

Feeder barrel with timing device

Wire cable

Read through instructions *before* beginning assembly.

1. Locate two large trees, approximately 20 feet apart that can support the weight of a full wildlife feeder.
2. While all the materials are on the ground, string the wire cable through both pulleys. Spread them out along the cable, then attach one pulley to one of the straps ① using U-clamps or appropriate hardware for ratchet straps, and weld the other pulley to the feeder ②. Another option for attaching the feeder to the cable is using an eye bolt instead of a pulley. Securely attach the free end of the steel cable to the other strap ③ using U-clamps or appropriate hardware for ratchet straps.
3. Using a ladder, secure the strap with the end of the cable attached to it ③ around one of the trees, approximately 16 feet above the ground. Make sure you have enough slack in the wire cable so you can do this with the feeder still resting on the ground.
4. Secure the other strap ① to the other tree, also 16 feet above the ground. Again, make sure you have enough slack in the steel cable so you can do this with the feeder still resting on the ground.
5. Attach the boat winch to the third strap ④ and secure this strap to the base of the tree with the pulley strap ③ on it.
6. Crank the winch so the cables become taut and the feeder is lifted at least 10 feet above ground level and suspended at least 4 feet from either tree to prevent bears from coming into contact with the feeder.