

Yardwork Felling Trees

(A) Poplar

(1) Make a face notch

Angle : more than 70 degrees

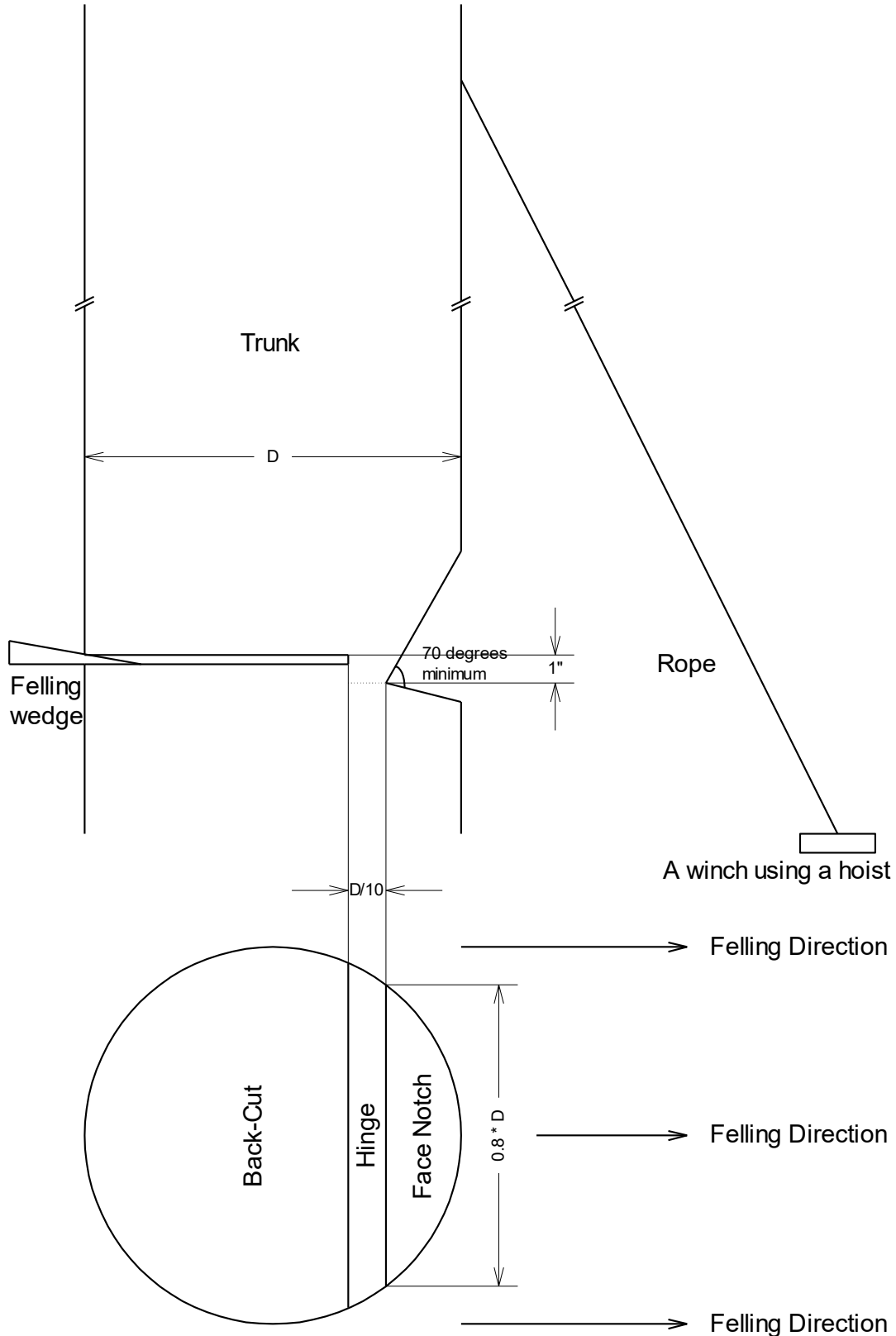
Width : $0.8 * \text{diameter of the trunk}$

(2) Tie a rope between the tree and a winch

(3) Make a back-cut

Remain $0.1 * \text{diameter of the trunk}$ from the edge of the face notch. Use a felling wedge to support the downward force of the trunk not to obstruct cutting by a chainsaw.

(4) Fell tree by pulling rope by winch as well as pushing felling wedge into opening made by back-cut.





Hand-made Branch Puller (Hook Rounded Rebar to Branch, then, Pull Rope down)



Two Three-Stage Extendable Rods



Rebar Pipe Socket at Front Edge of Extendable Rods

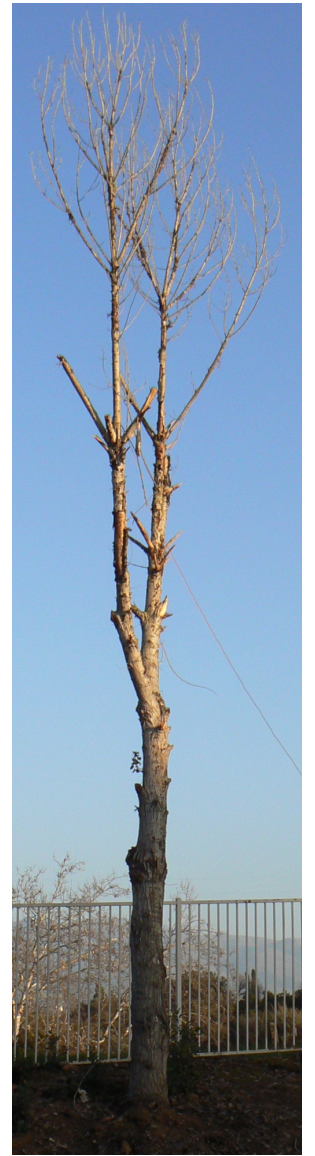


Connection between Two Extendable Rods using Hose Clamps



Two Poplar Trees to be Fell down

Poplar was planted too close to lawn that needs wet condition. Therefore, the powerful roots which has mutant behavior combining roots into one together invades under the lawn and break irrigation pipe further more. Poplar tree removal was a must.



Branches Thinned by Hand-made Branch Puller



Making Face Notch



Face Notch Made



Pulling Rope by Winch



Fell down



Face Notch Made (Right Poplar)



Fell down (around Base Stump with Face Notch Mark)



Pulling Rope by Winch (Right Poplar)



Fell down (Right Poplar)

(B) Palm Tree



Carpet Knife to Chop off Palm Tree Skirts

Palm tree naturally seeded and grew near iron fence became so big and started pushing the fence outward. The palm tree skirt is hard armor that chain saw cannot cut. Chopping off the skirts is efficient way to detach it from palm tree and make room for cut by chain saw.



Before



Felled at Slope



Felled (Stem Stopped Rolling by Wooden Bars)



Base Stump Remained



Face Notch Mark on Base Stump



Palm Tree Skirts Chopped off Accumulated



Stems Quarterly Cut



Hand-made Slope Boat to Carry Skirts & Stems Sliding from Top of the Slope down to Bottom by Two People