

30 inch armature
3 types of
aluminum wire:
1/4 inch
1/8 inch
1/16 inch



Wire available from
Douglas & Sturgess
In Richmond

base board 3/4 inch
thick plywood
about 18 x 18 "


Plywood, steel piping,
flange, connectors,
available from Home
Depot, Lowes, etc.



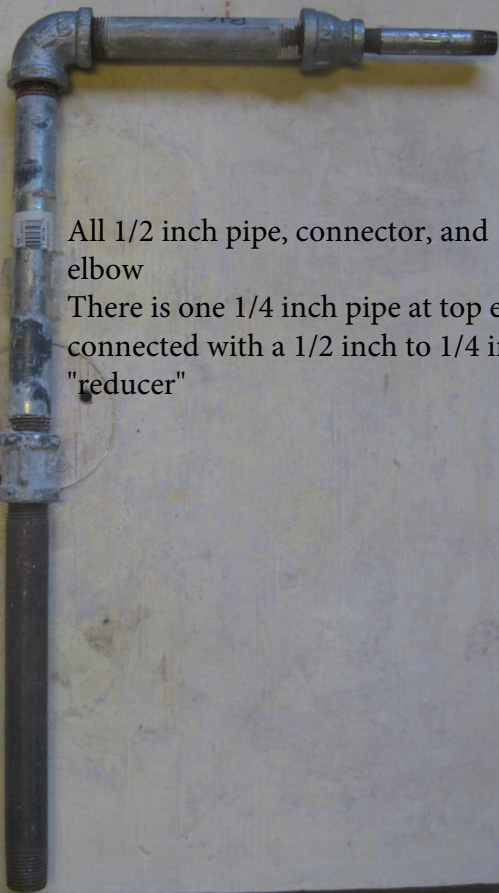
BIGelow

add 1/2 "
flange



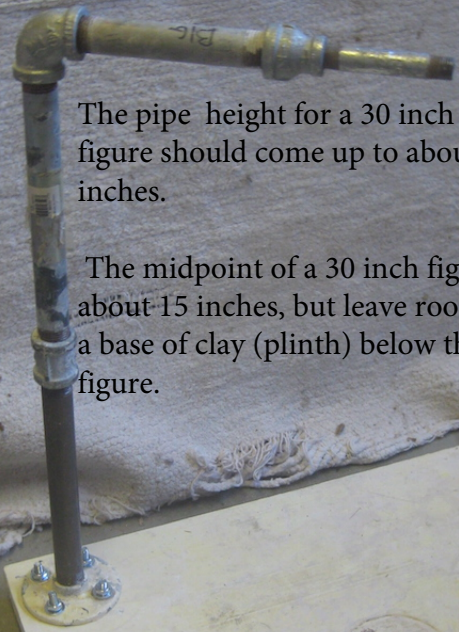
A photograph of a wooden board with three vertical strips attached to it using screws. The board is lying on a grey surface. The text "add 2 feet to the board so you can pick it up" is overlaid on the image. The board has some markings, including "BIG 19W" on the right side.

add 2 feet to the board
so you can pick it up



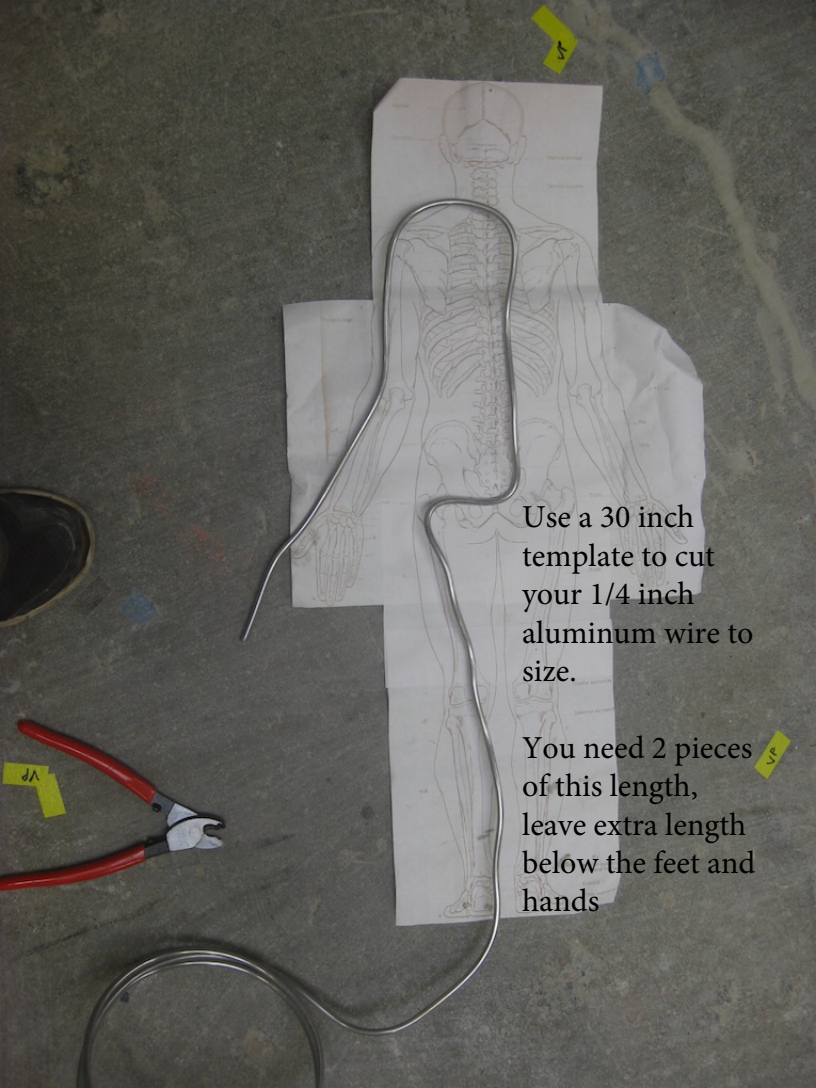
All 1/2 inch pipe, connector, and elbow

There is one 1/4 inch pipe at top end connected with a 1/2 inch to 1/4 inch "reducer"

A vertical metal pipe assembly is shown. It consists of a vertical pipe section mounted on a wooden board with four bolts. The pipe has a horizontal arm extending from the top, which is bent at a 90-degree angle. The horizontal arm has a threaded end. The entire assembly is positioned against a white, textured background.

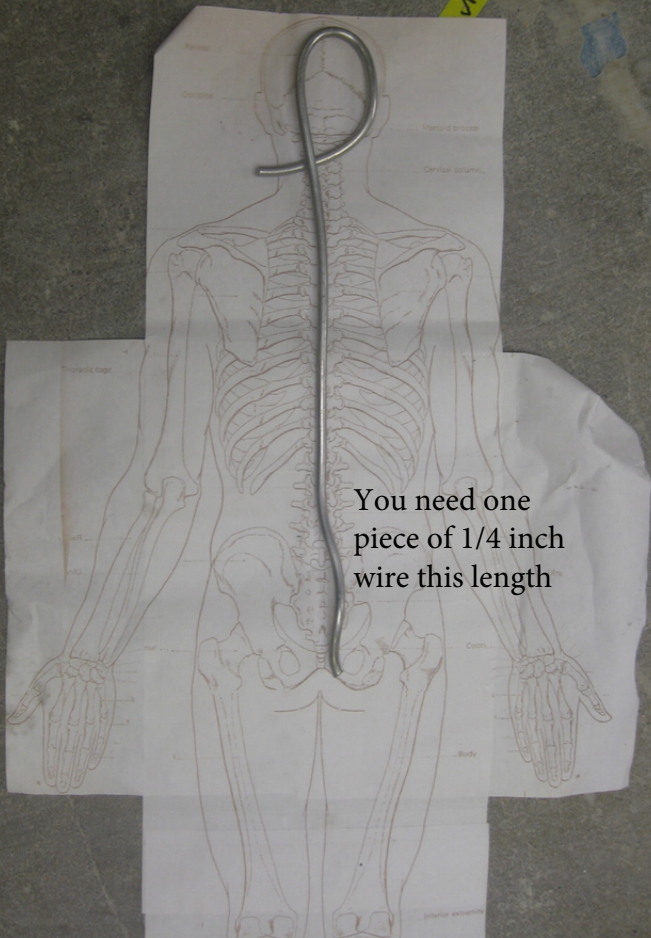
The pipe height for a 30 inch figure should come up to about 17 inches.

The midpoint of a 30 inch figure is about 15 inches, but leave room for a base of clay (plinth) below the figure.



Use a 30 inch
template to cut
your 1/4 inch
aluminum wire to
size.

You need 2 pieces
of this length,
leave extra length
below the feet and
hands



You need one
piece of 1/4 inch
wire this length

Ream out a 1/4 inch "T" fitting with a drill and counter sink, so that your wires can fit through.

update: use a 3/8" drill bit for reaming rather than a counter sink



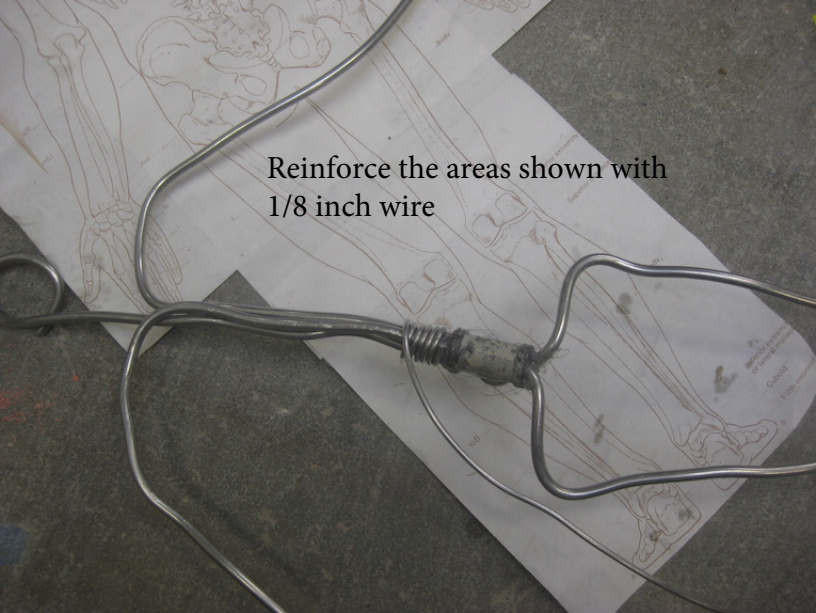
Ream out the top and bottom only. Do not ream the side opening where the piping will attach.



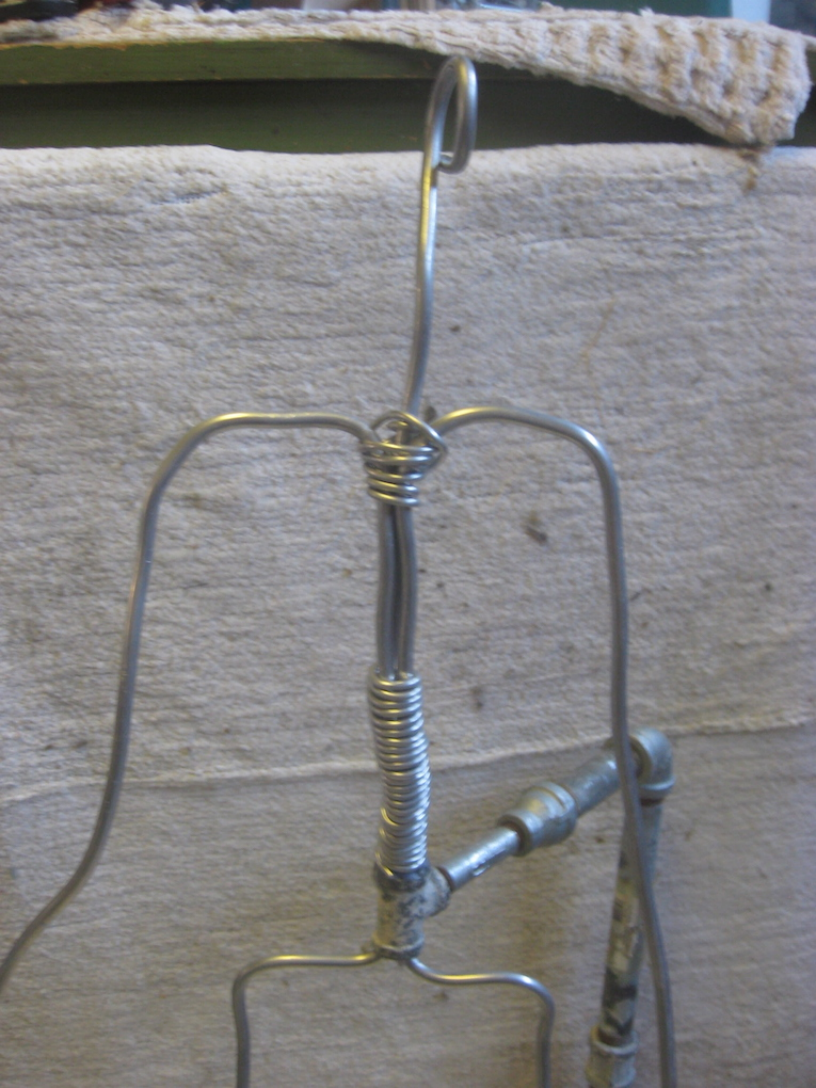
put the three wires through the T fitting
and add hot glue to the void inside so
the wires do not move at all!







Reinforce the areas shown with
1/8 inch wire

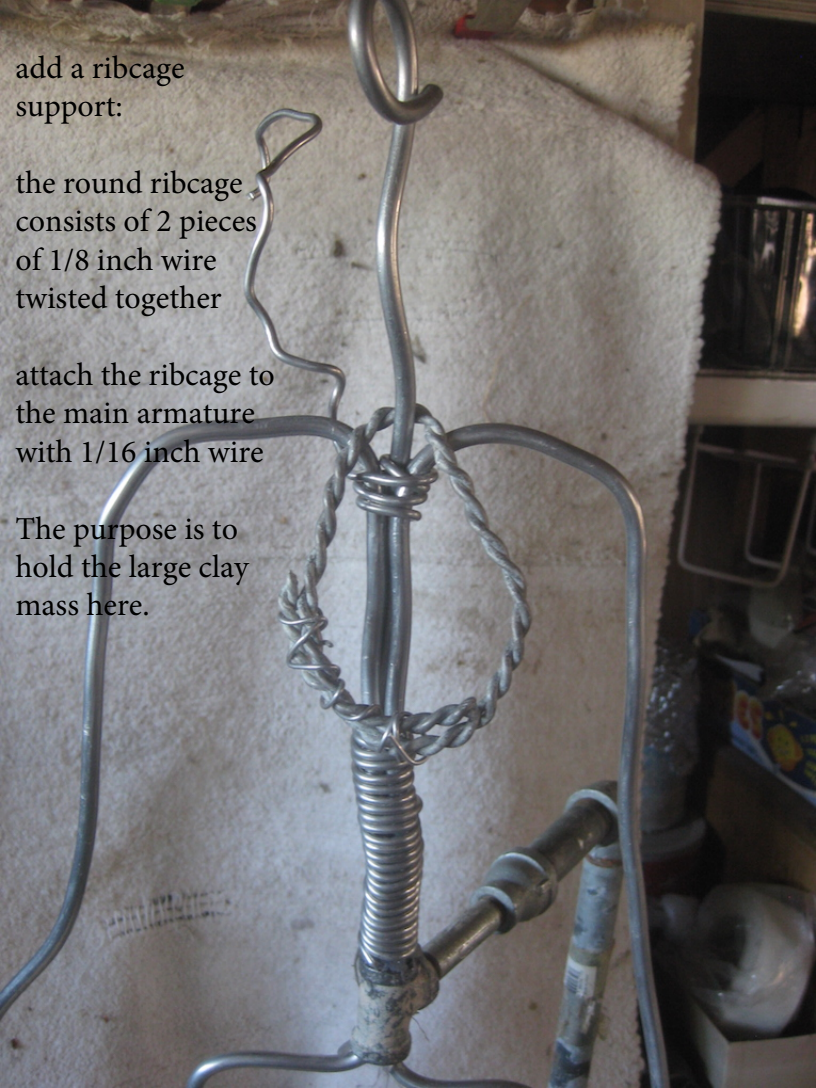


add a ribcage
support:

the round ribcage
consists of 2 pieces
of $\frac{1}{8}$ inch wire
twisted together

attach the ribcage to
the main armature
with $\frac{1}{16}$ inch wire

The purpose is to
hold the large clay
mass here.





Add 1/16 inch wire to the entire figure so that clay will stick





I will look much
better with clay!



Alternative Design

This is an alternative design that is more complex to make, but the arms and legs are much easier to bend.

Contact paul@dogtownsculptors.org
If you want to make this design.

