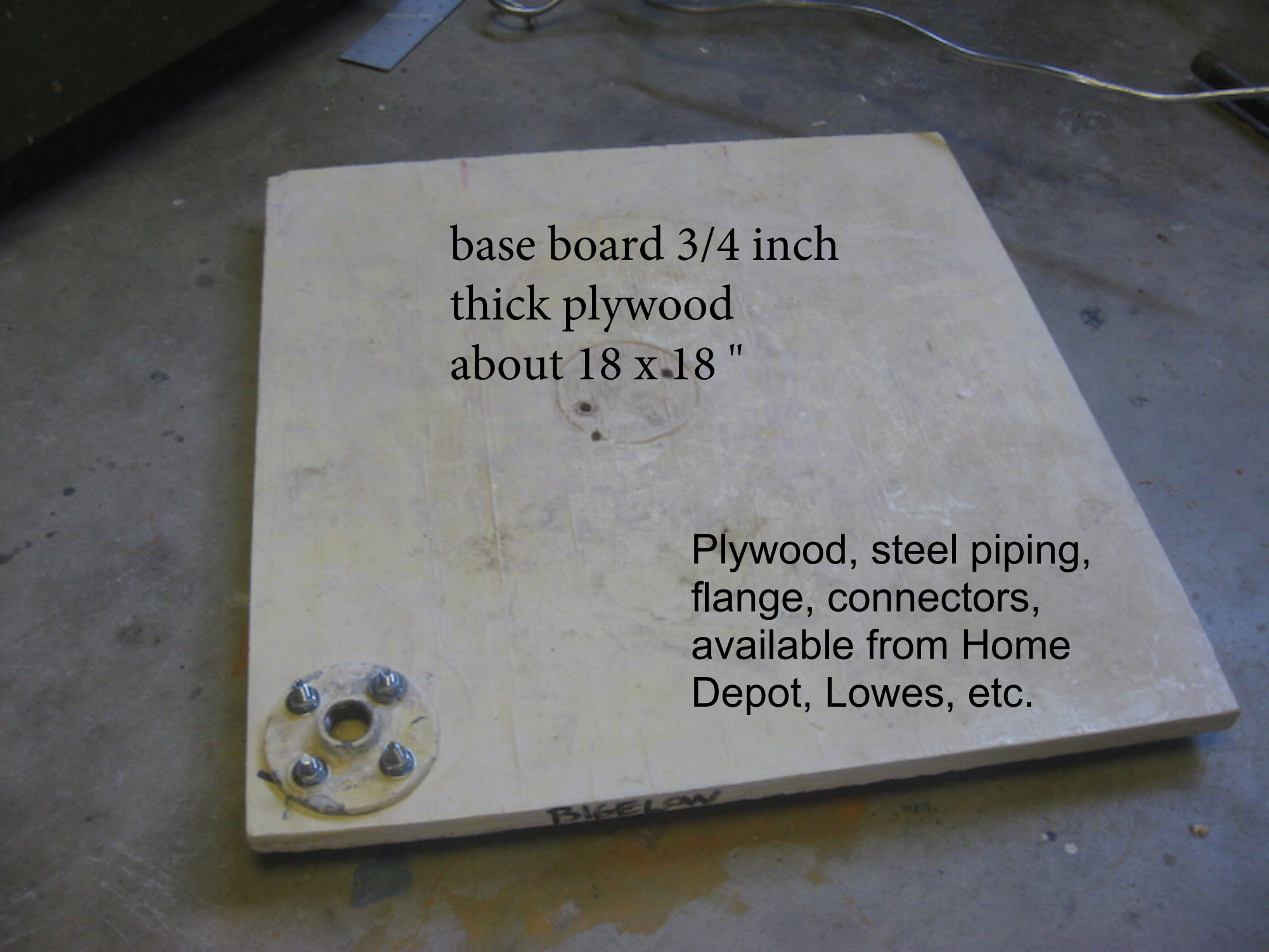
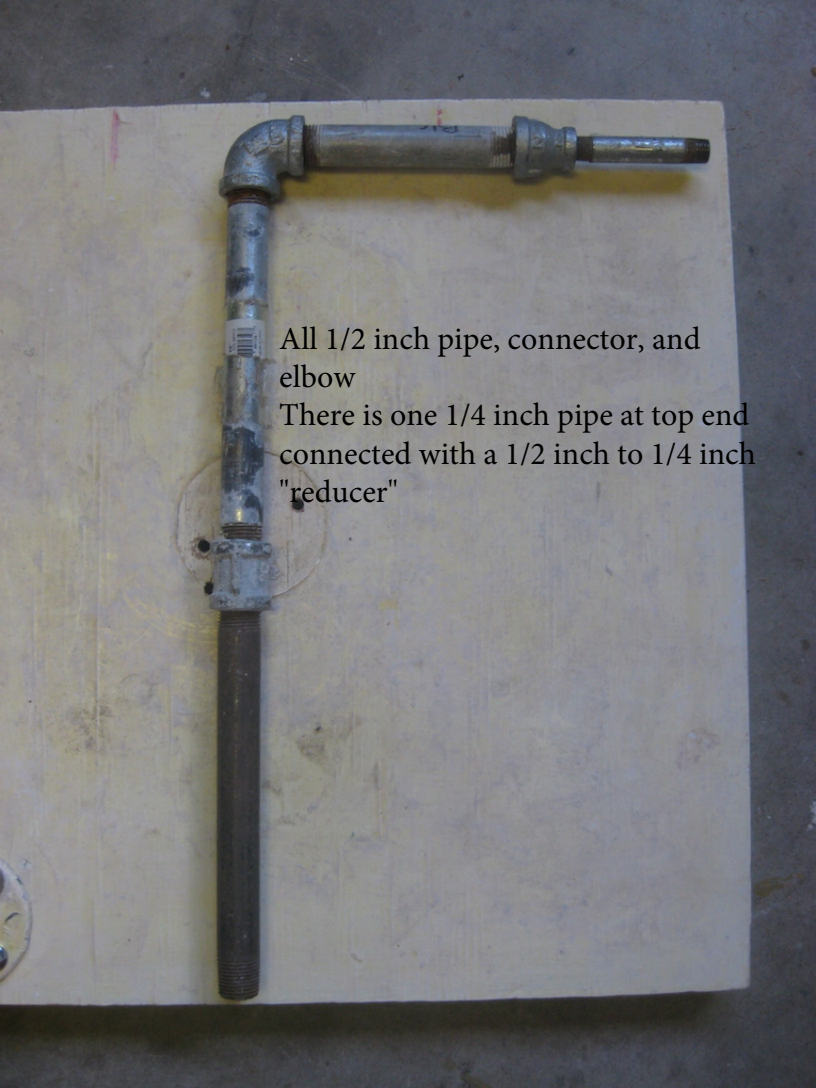
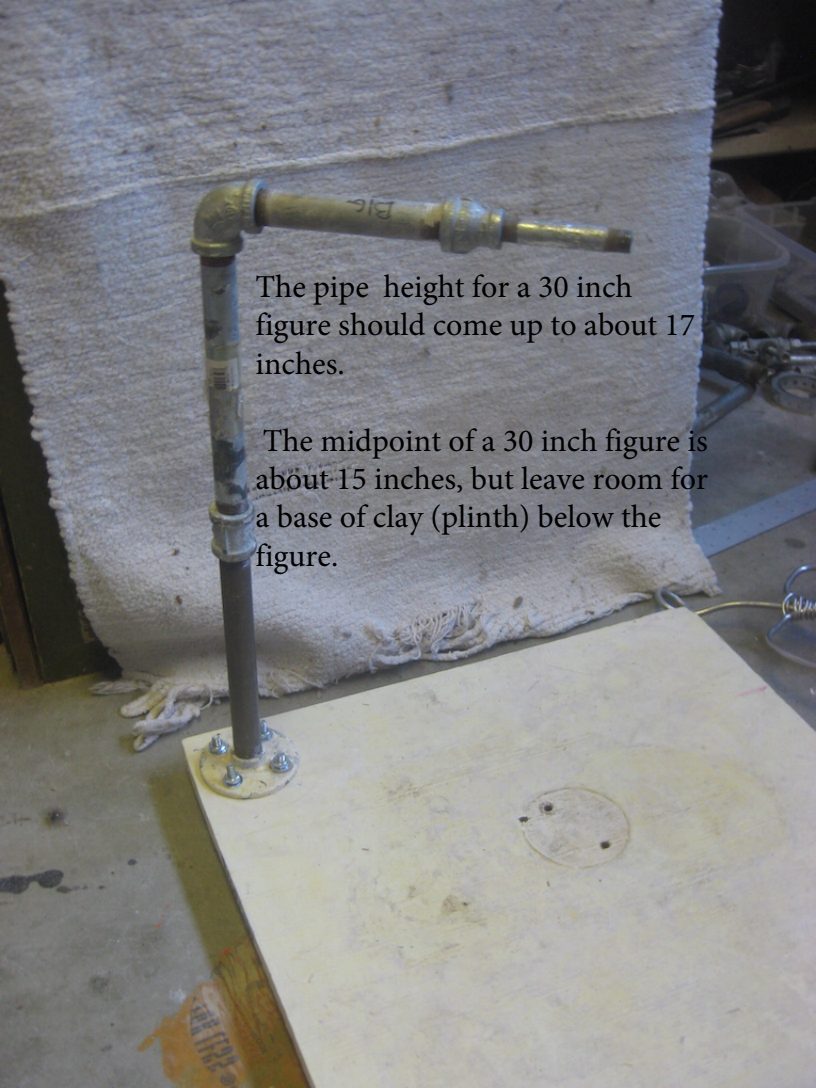

30 inch armature
3 types of
aluminum wire:
1/4 inch
1/8 inch
1/16 inch
Wire available from
Douglas & Sturgess
In Richmond

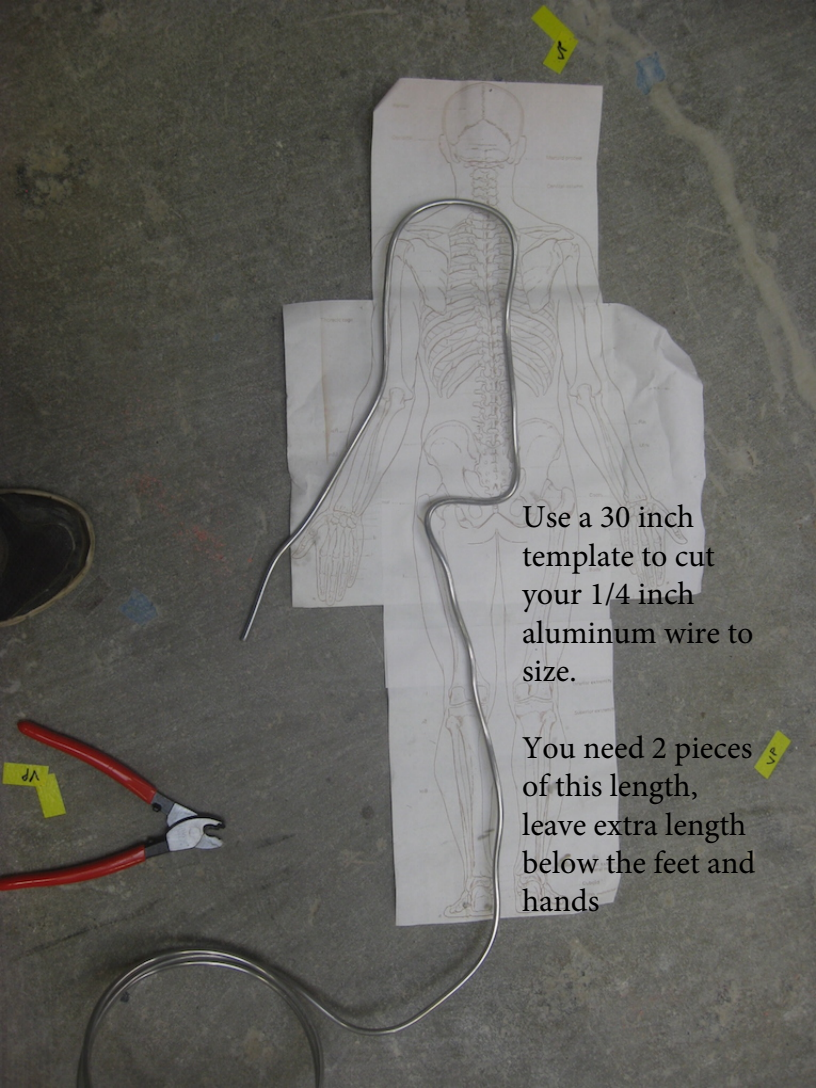

base board 3/4 inch
thick plywood
about 18 x 18 "
Plywood, steel piping,
flange, connectors,
available from Home
Depot, Lowes, etc.
BIGELOW

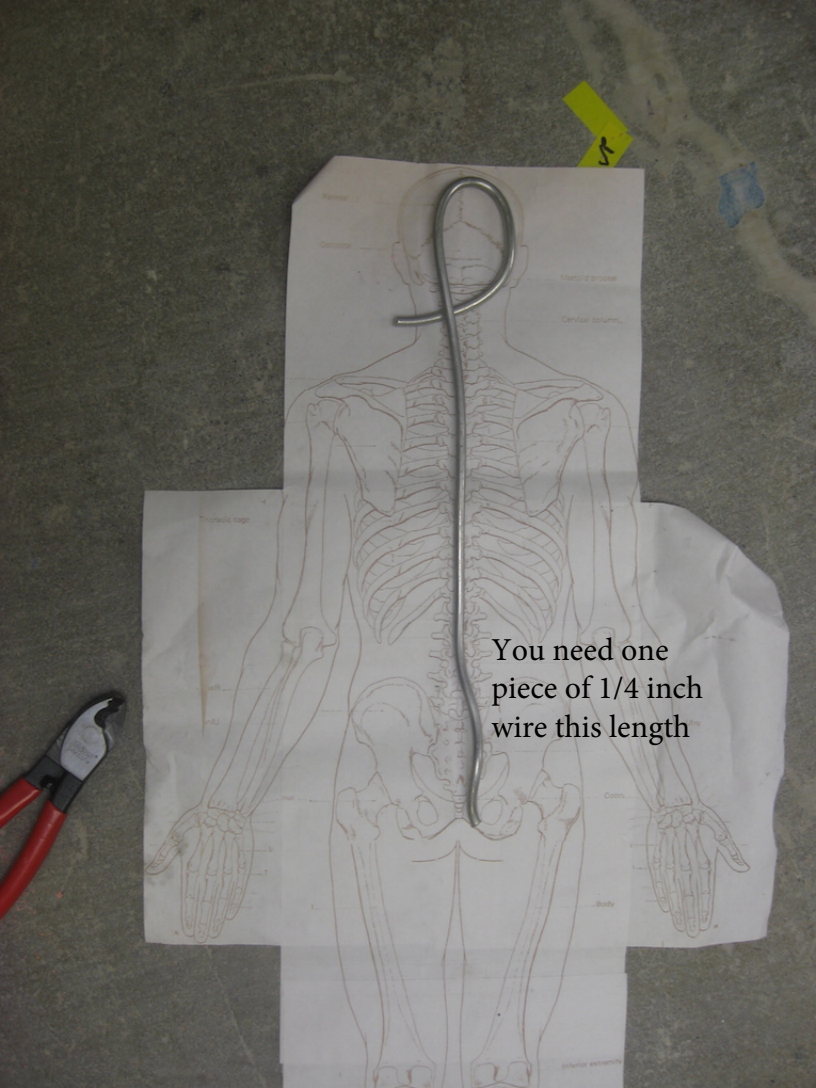

add 1/2 "
flange


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"


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

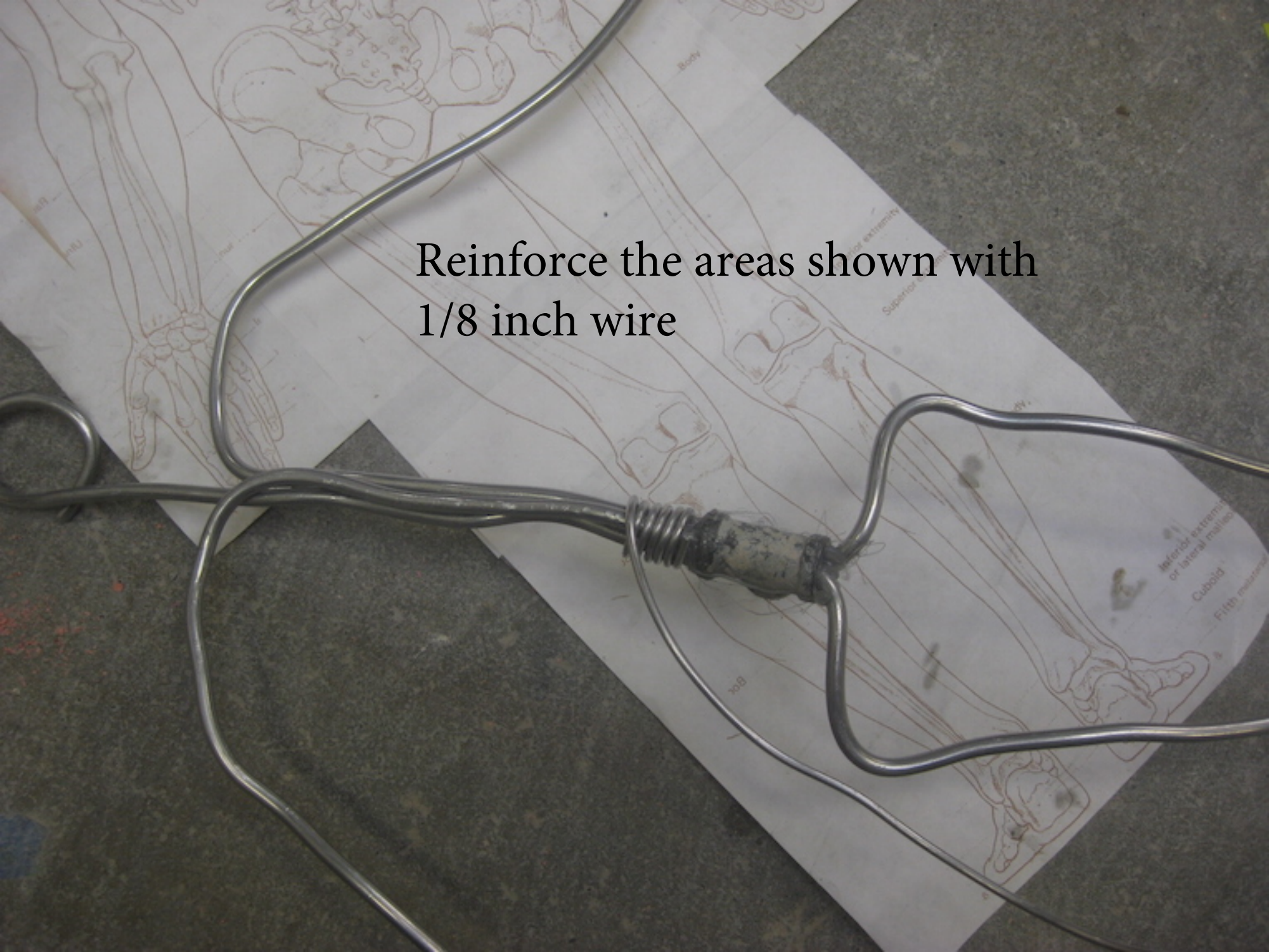

You need one
piece of 1/4 inch
wire this length

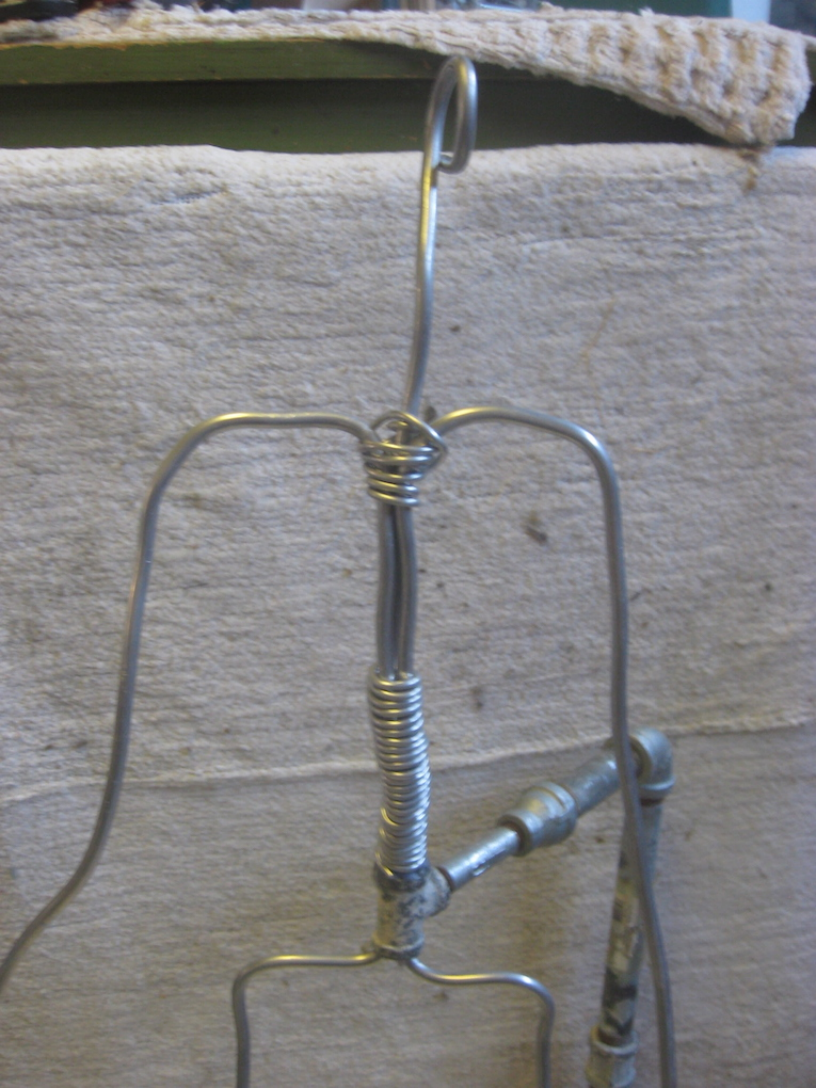

Ream out a 1/4 inch "T" fitting with a drill and counter sink, so that your wires can fit through.
update: use a 3/8” drill bit for reaming rather than a counter sink

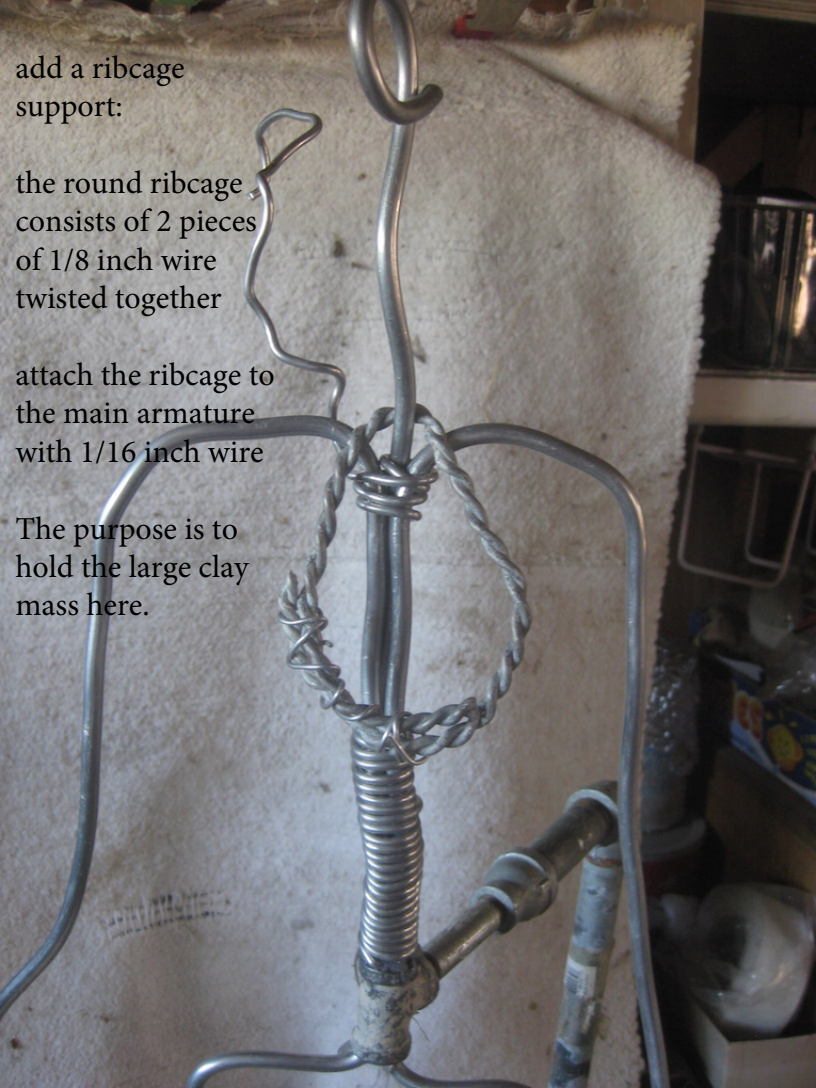

Ream out the top and
bottom only. Do not ream
the side opening where the
piping will attach.


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

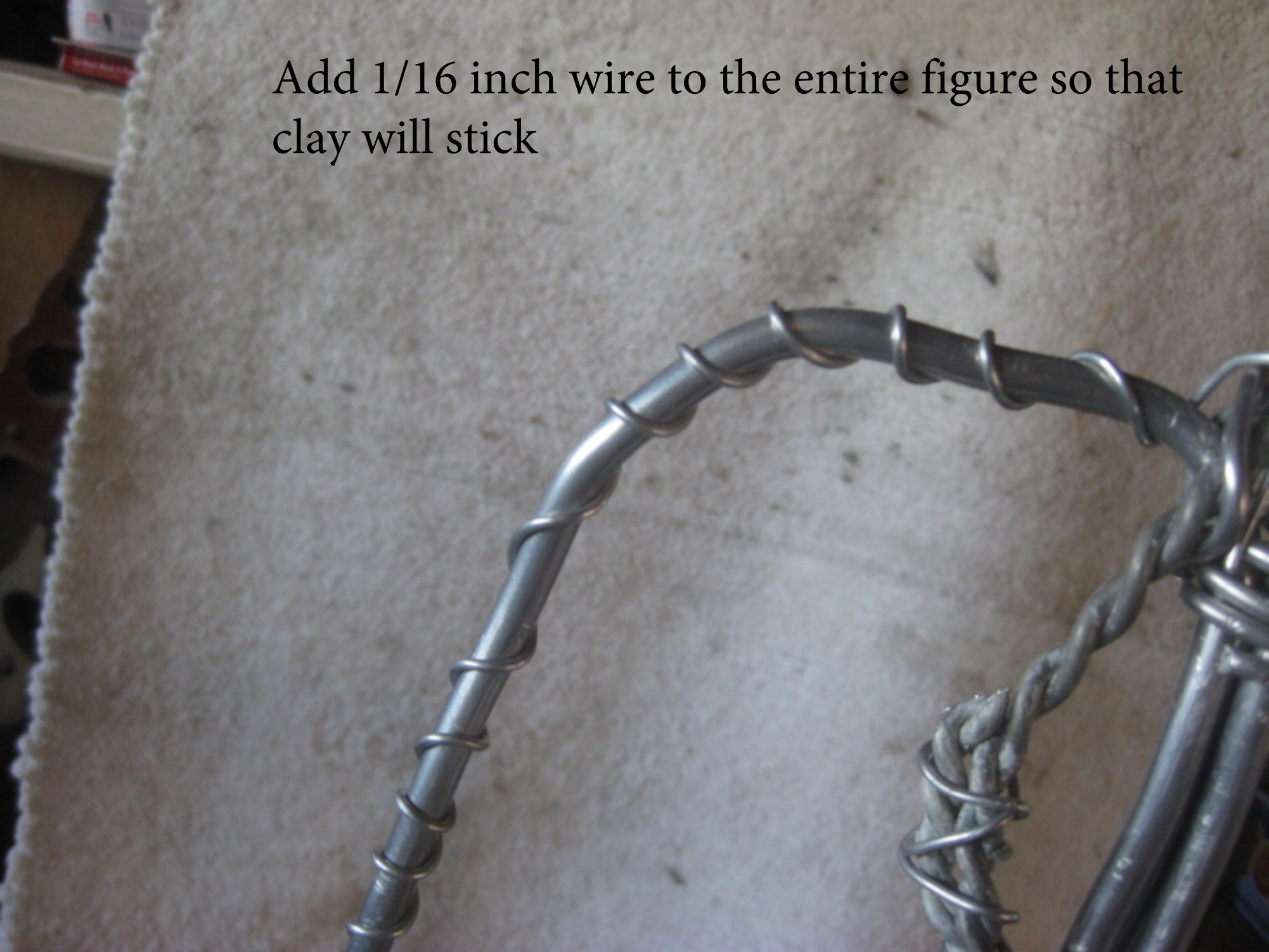

CAUTION
HOT SURFACE
AVOID CONTACT


Reinforce the areas shown with
1/8 inch wire




add a ribcage
support:
the round ribcage
consists of 2 pieces
of 1/8 inch wire
twisted together
attach the ribcage to
the main armature
with 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.