

HOW TO BUILD A RAIN BARREL

Developed by the Urban Land
Stewardship Council of the
WEGERZYN  GARDENS
FOUNDATION



55 GALLON FOOD GRADE BARREL

PARTS

Our barrels came from:

Fred Slaven

2151 Mt. Carmel Road

Jamestown. OH 45335

937.825.7066



PARTS

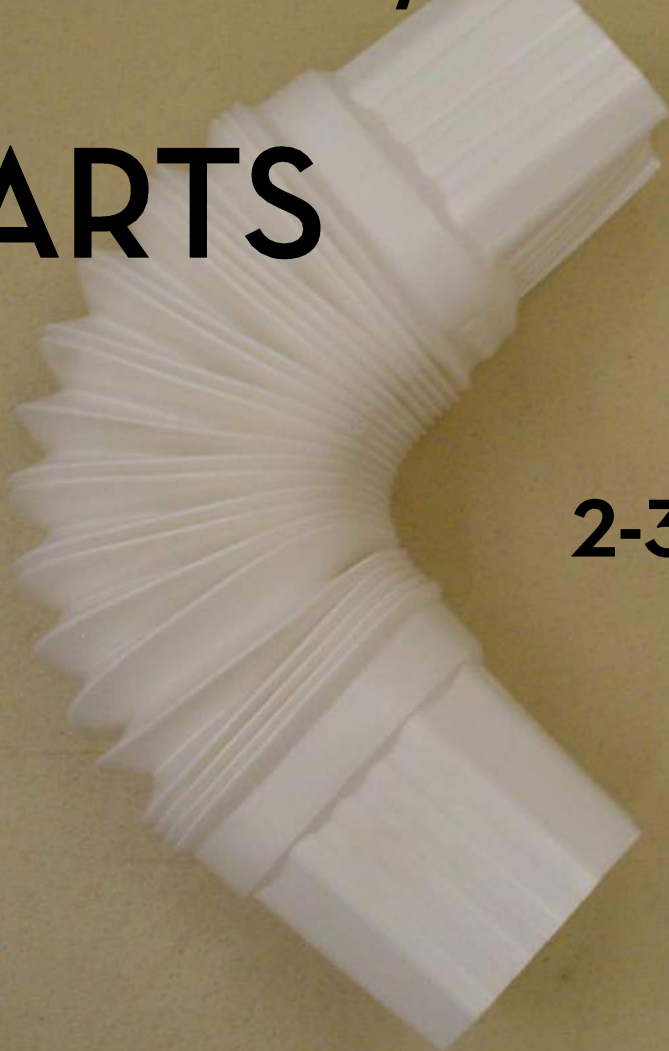
3/4" threaded plastic hose coupling



2-3/4" threaded PVC plugs



Flexible downspout elbow



3/4" hose bib spigot



Wrench



TOOLS

Ruler



15/16" wood bit or hole saw



5/16" drill bit



Plumbing tape



POWER TOOL

Jig Saw with a metal blade



Drill

LOCATION OF FITTINGS



Plug to be used for linking future barrels together

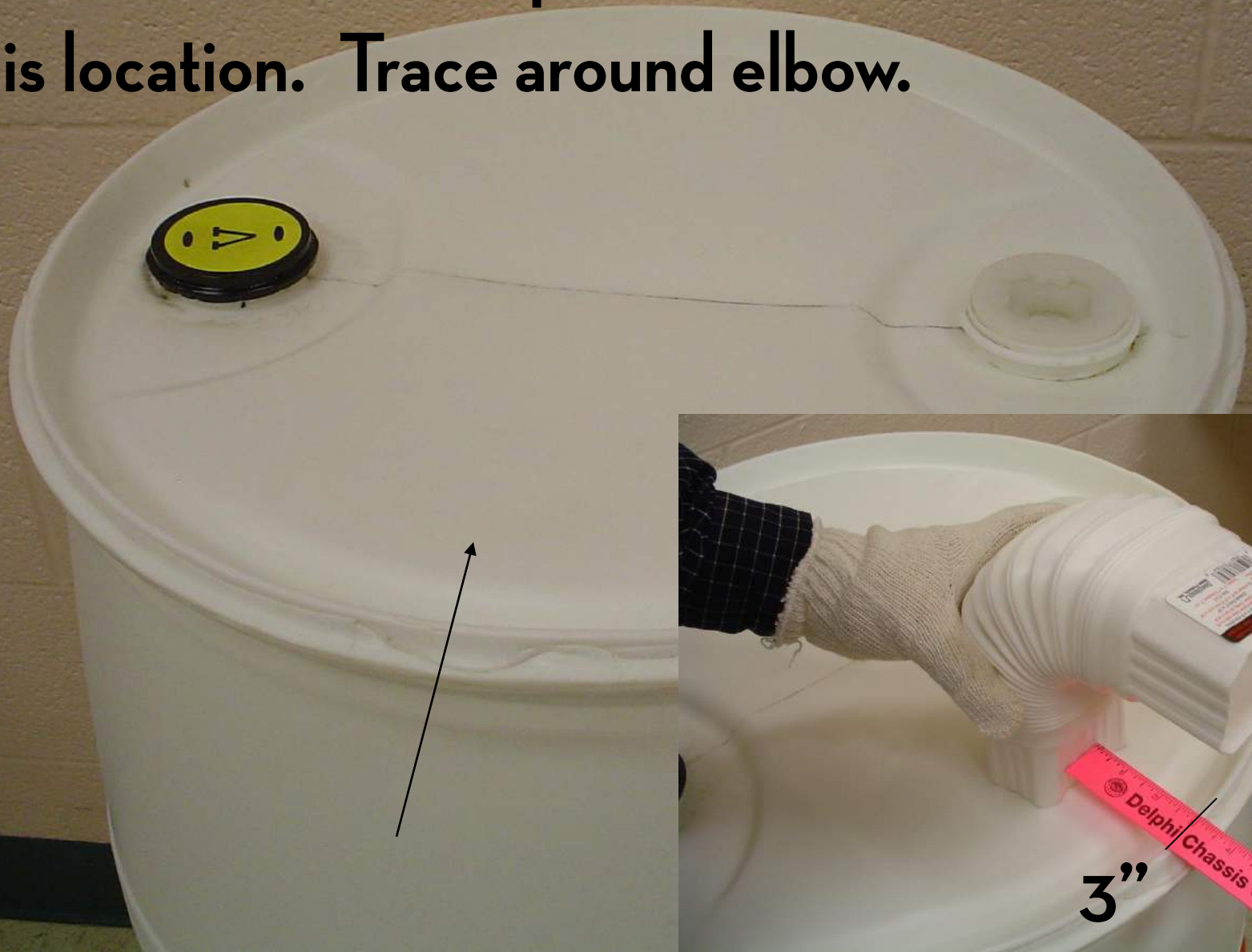
Over flow coupling

Spigot

Extra plug to use as a spigot location if you elevate your barrel



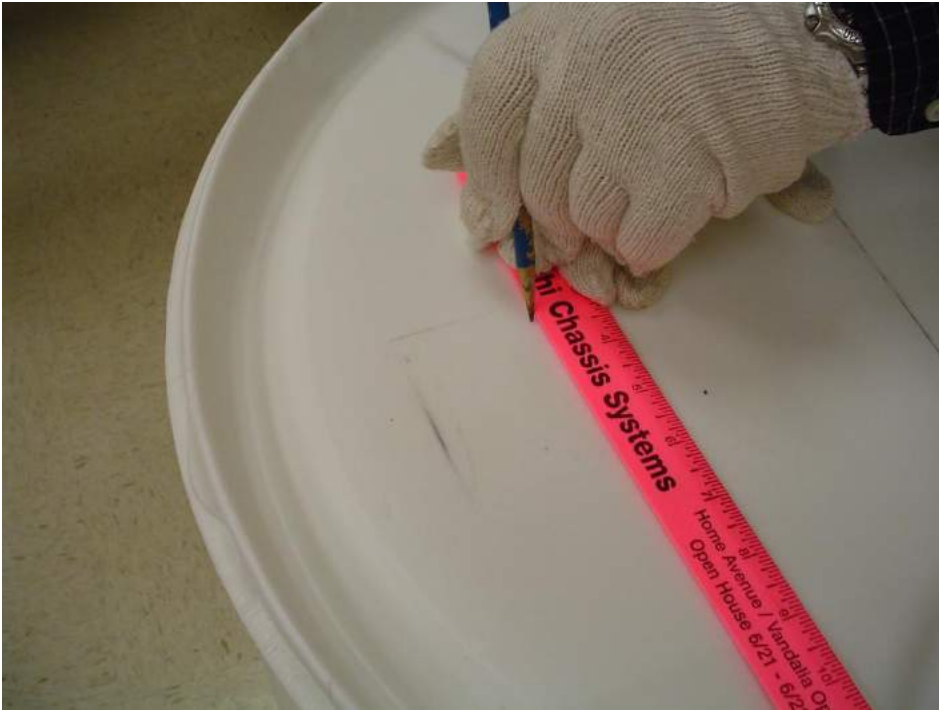
Position downspout elbow between the caps.
Measure 3" from the lip. Place small end of elbow
at this location. Trace around elbow.



Use ruler to make a perfect rectangle around the downspout elbow tracing.



Mark with pencil.





Using the drill and the 5/16" drill bit, drill 4 holes at the corners of the downspout elbow tracing.



Insert Jig Saw blade into drill holes and saw along line to the next drill hole.

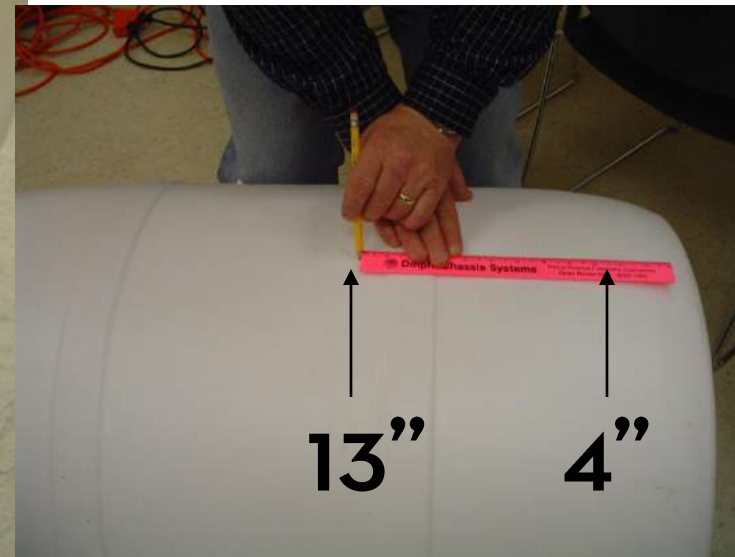
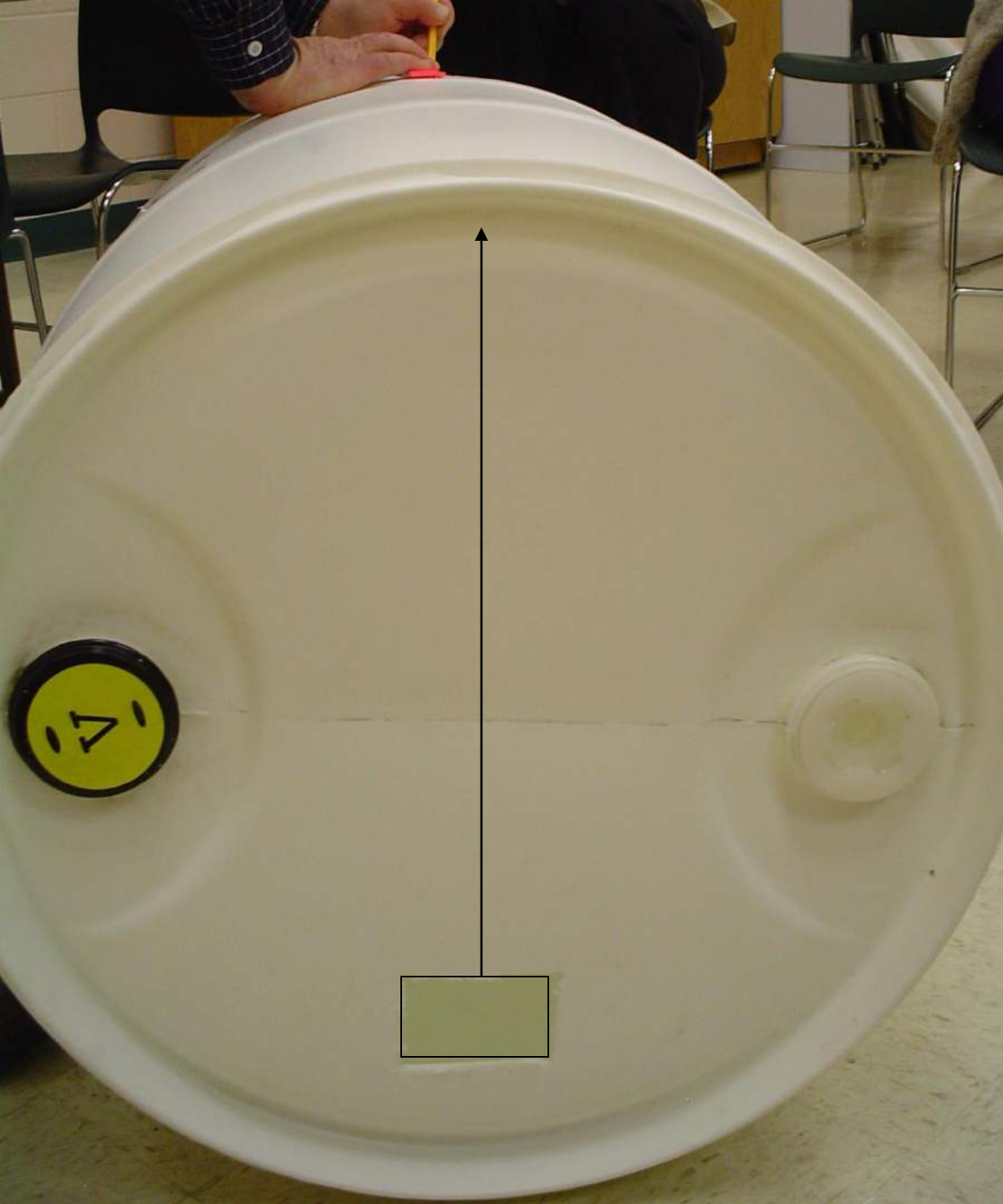


Use ruler to pry up plastic while making the final cut.



**Insert
flexible
downspout
elbow. If
desired, use
a silicone
caulk to
seal.**

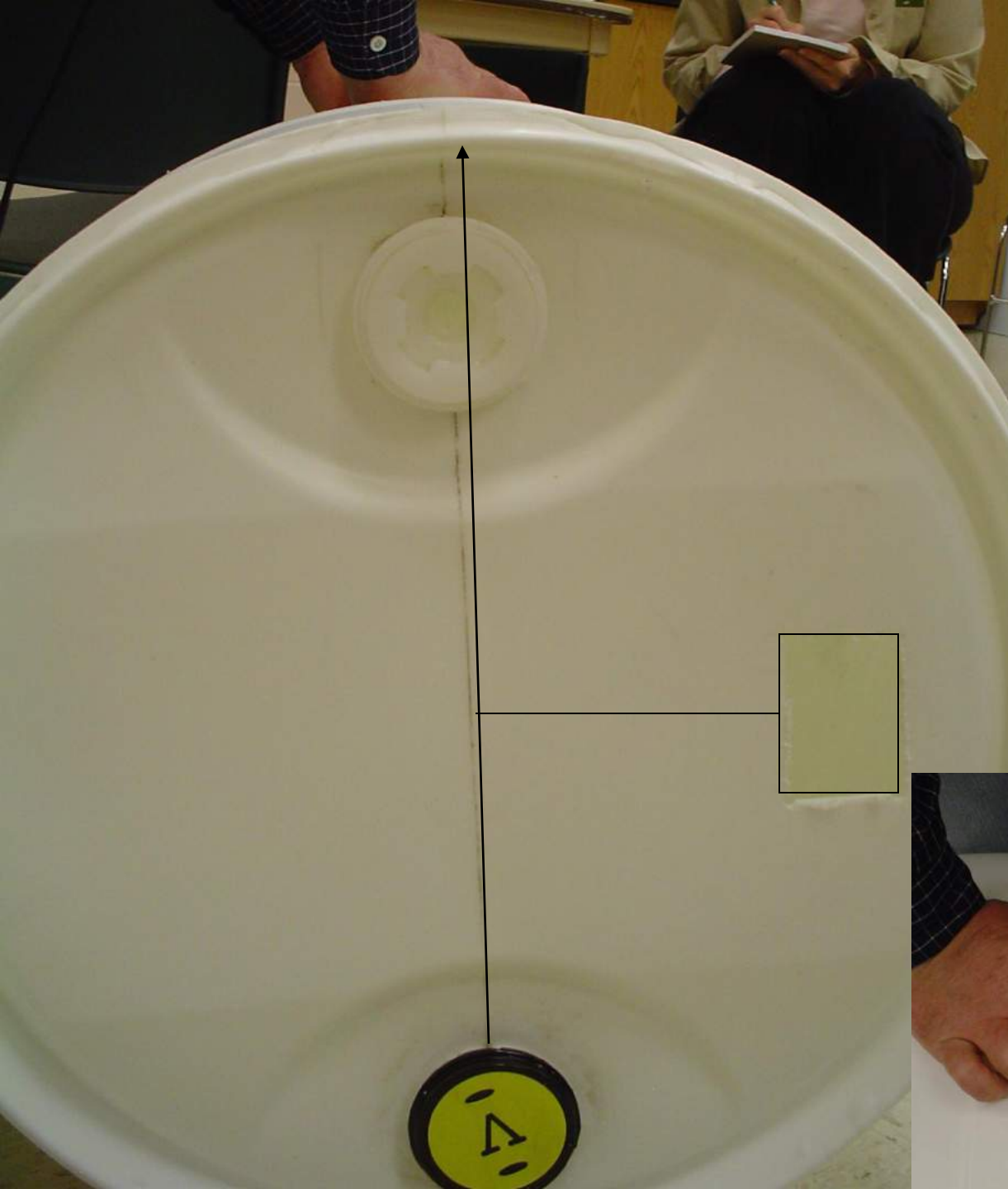
On the opposite side from the elbow's hole, measure 4" and 13" from the bottom of the barrel.



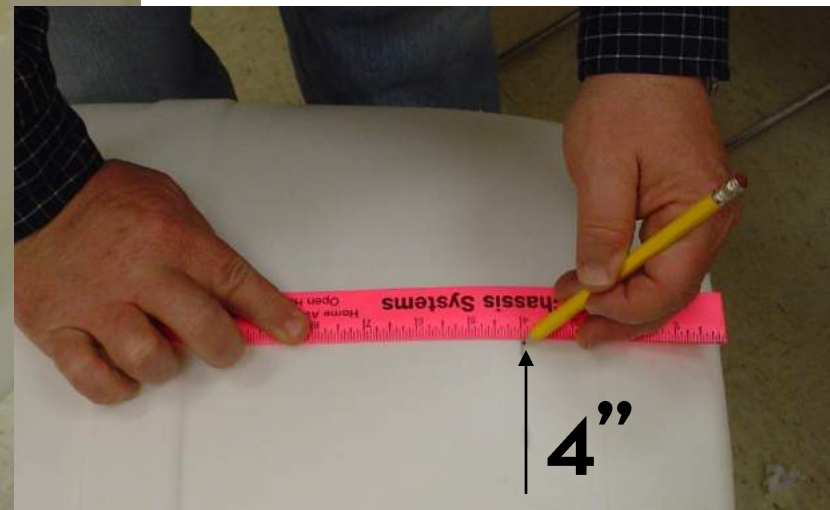


Drill 2 holes at your marks using the 15/16" wood bit or hole saw.





**Turn barrel 90°
and measure 4"
from the bottom
of the barrel.**





**Drill hole using
the 15/16" wood
bit or hole saw at
your mark.**



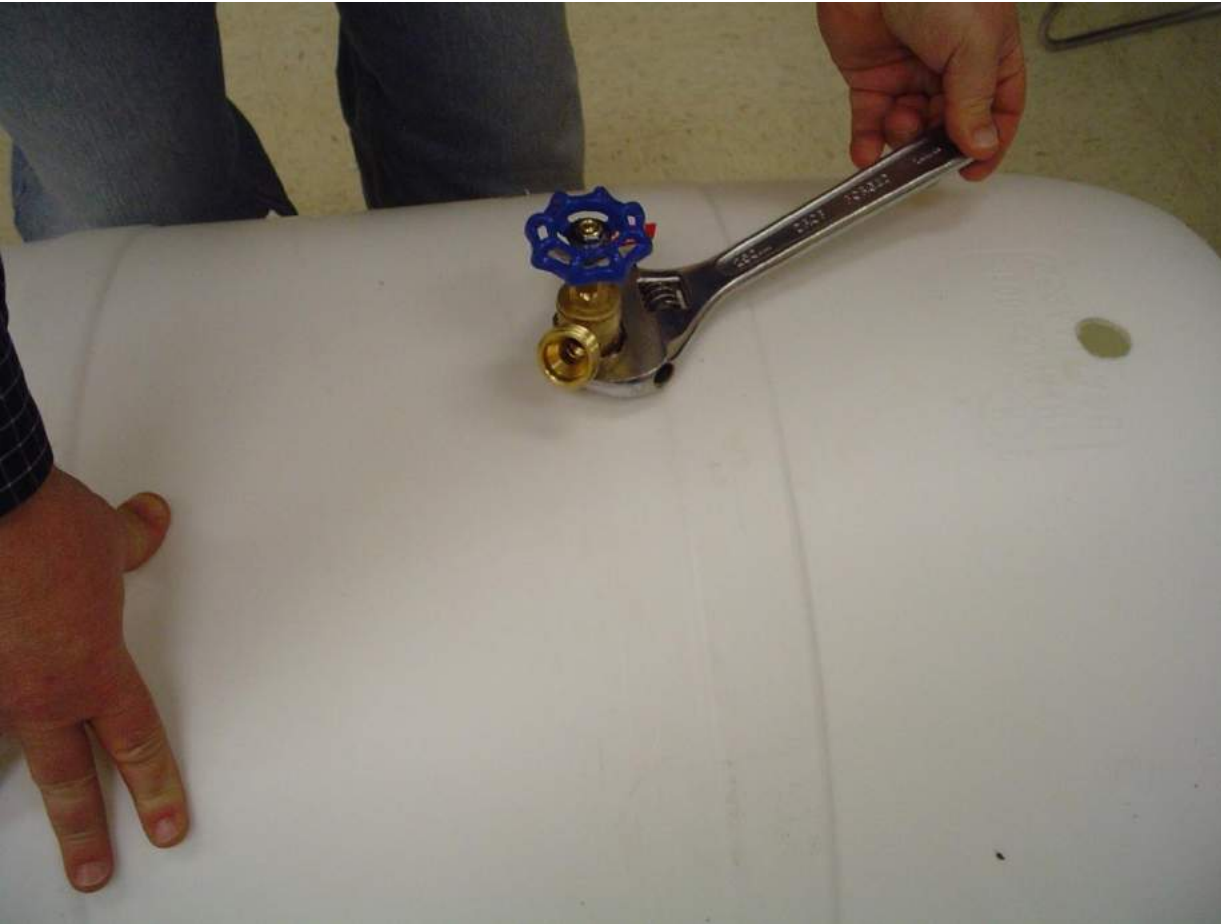
Turn your barrel so that you are in between the cap and the elbow's hole. Measure 2" from the top, starting under the rim.



Drill hole at your mark using the 15/16" wood bit or hole saw.



**Using pressure,
twist hose bib spigot
into hole. Use the
wrench to tighten
fitting down
completely.**



**Remove spigot
and repeat
process in the
other 3 holes.**



**Now that your
holes are all
drilled, it is time
to insert all of
your fittings.**



Apply plumbers tape to the 2 PVC plugs, the hose bib spigot, and the hose coupling. Turn the fitting clockwise in your hand to properly apply the tape.

Position the spigot in the location that meets your needs.

Use this hole if you are placing barrel on the ground.

Use this hole if you are elevating the barrel.



Insert the hose bib spigot to the top or bottom hole on the front of the barrel, depending on your needs. Insert a PVC plug in the remaining hole. Tighten both using a wrench.



Insert the PVC Plug in the hole located at the bottom of the barrel. Tighten with a wrench.





Insert the plastic hose coupling in the hole located at the top of the barrel. Tighten with a wrench.





**Enjoy your
Rain Barrel!**