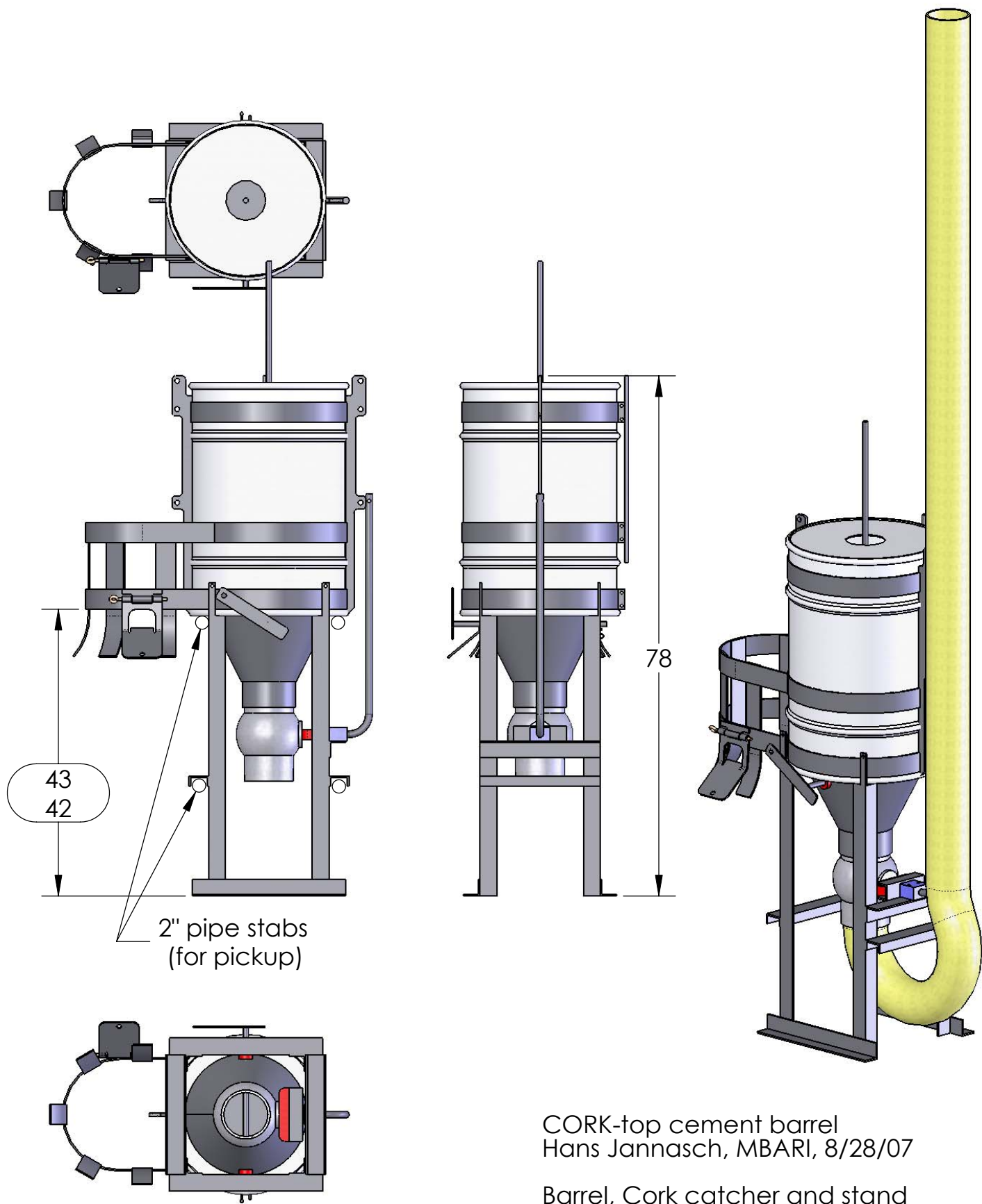
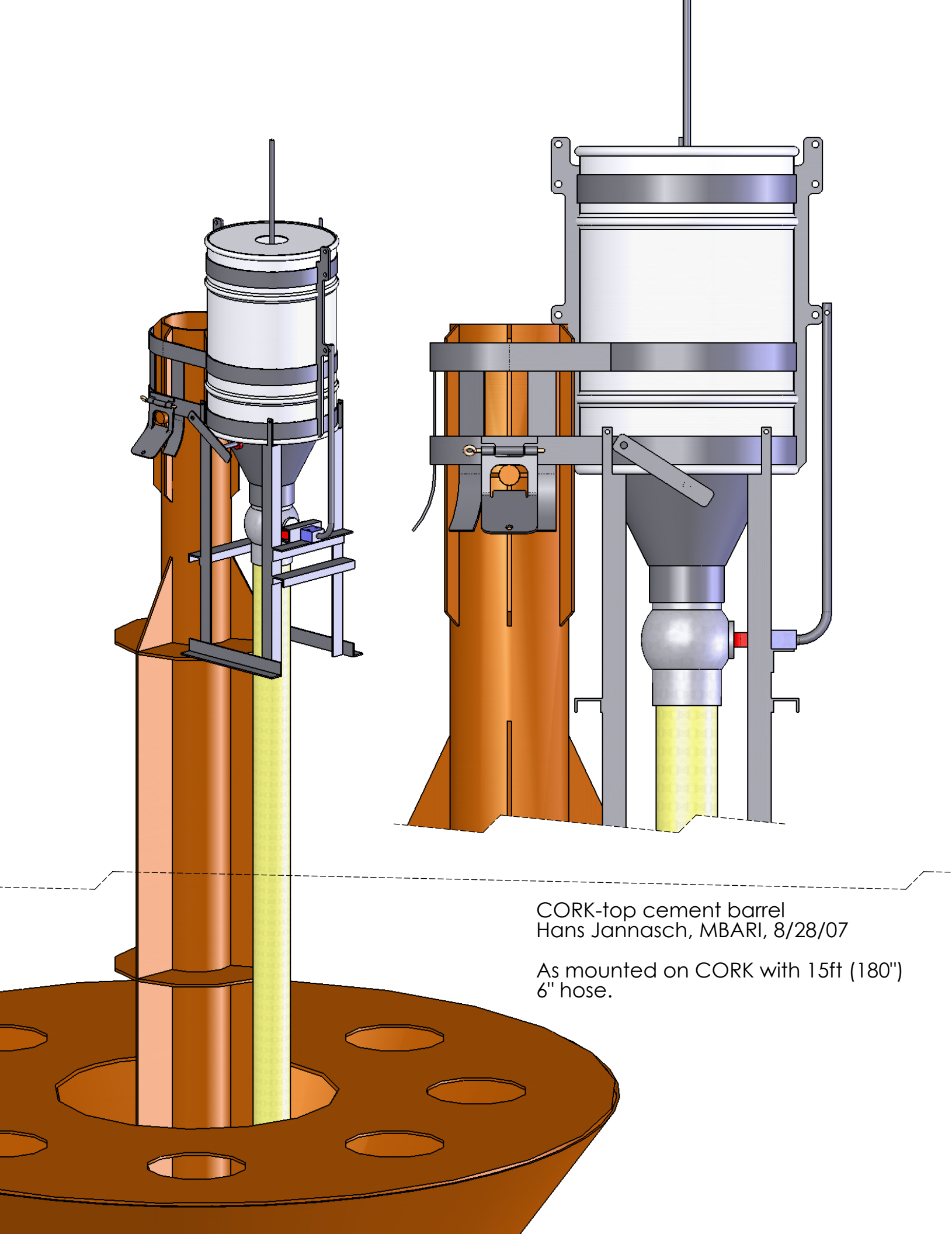




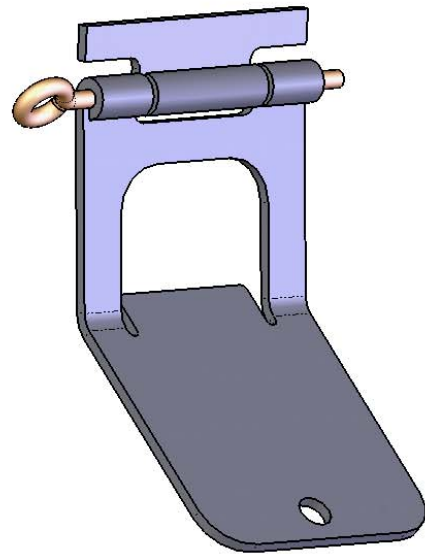
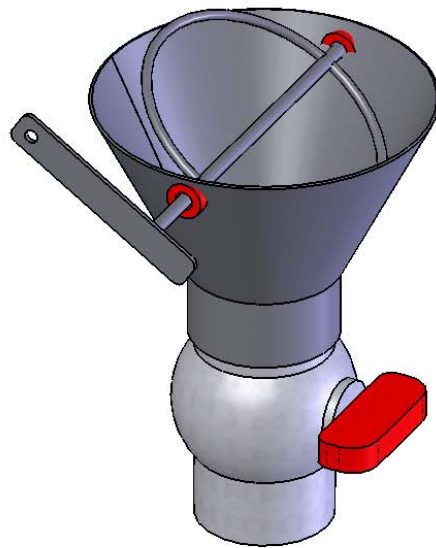
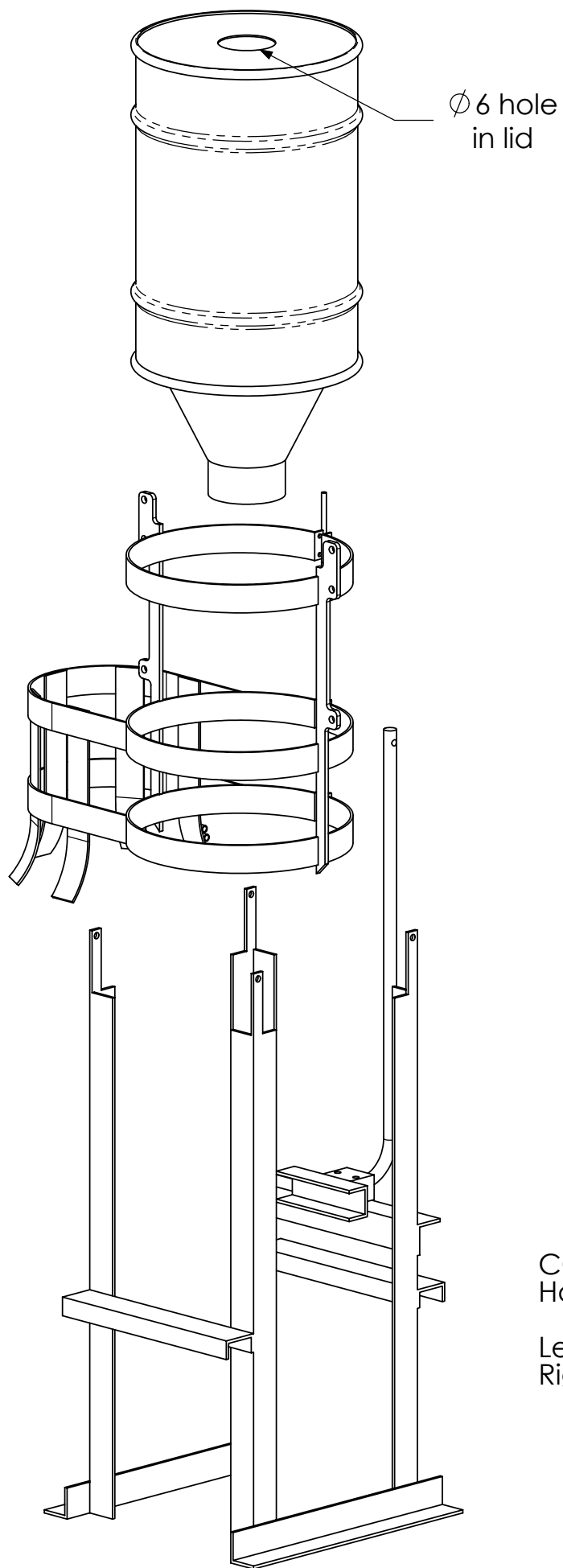
CORK-top cement barrel  
Hans Jannasch, MBARI, 8/28/07

Barrel, Cork catcher and stand



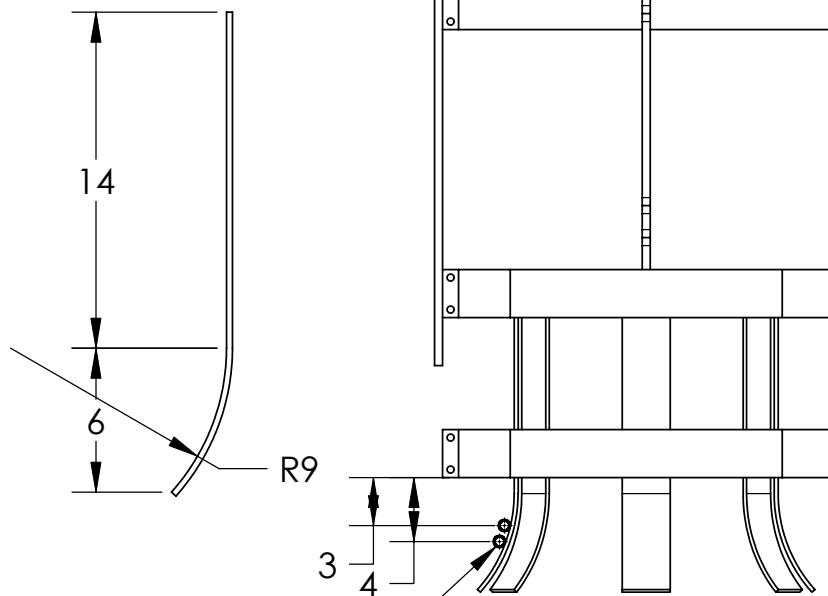
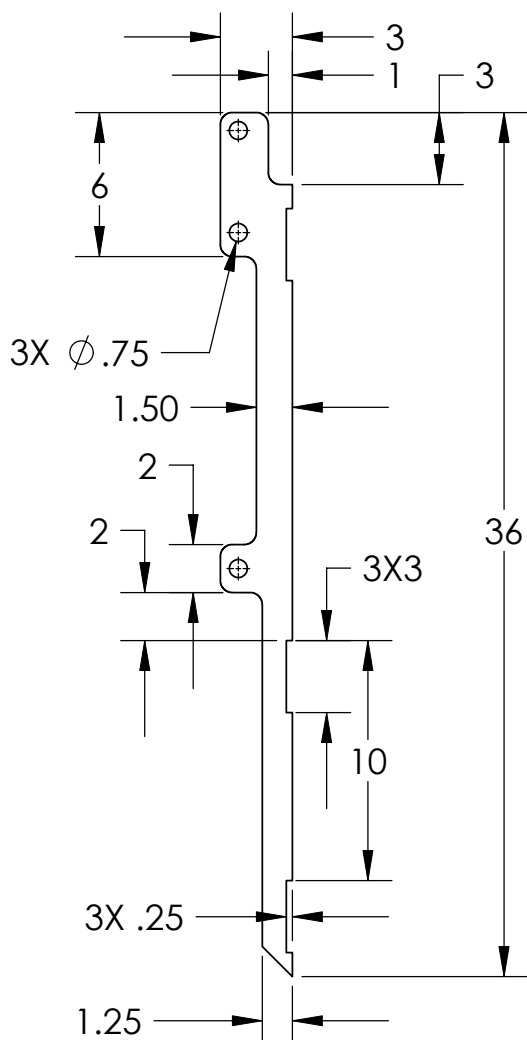
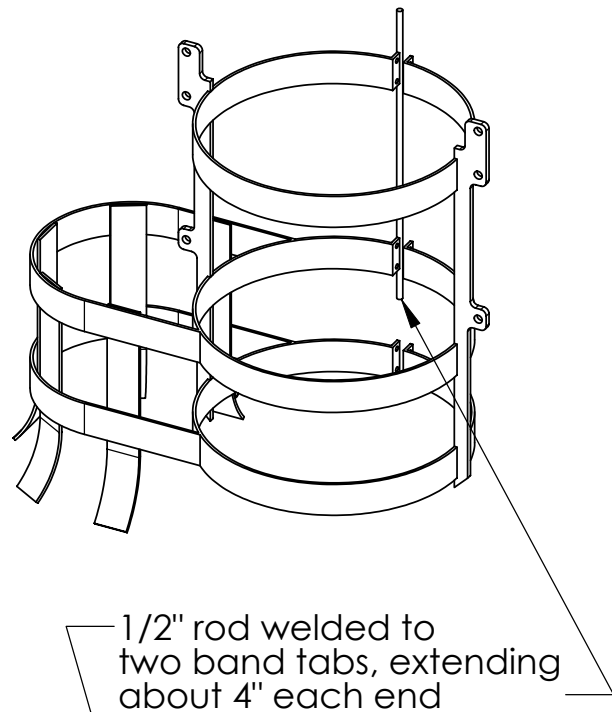
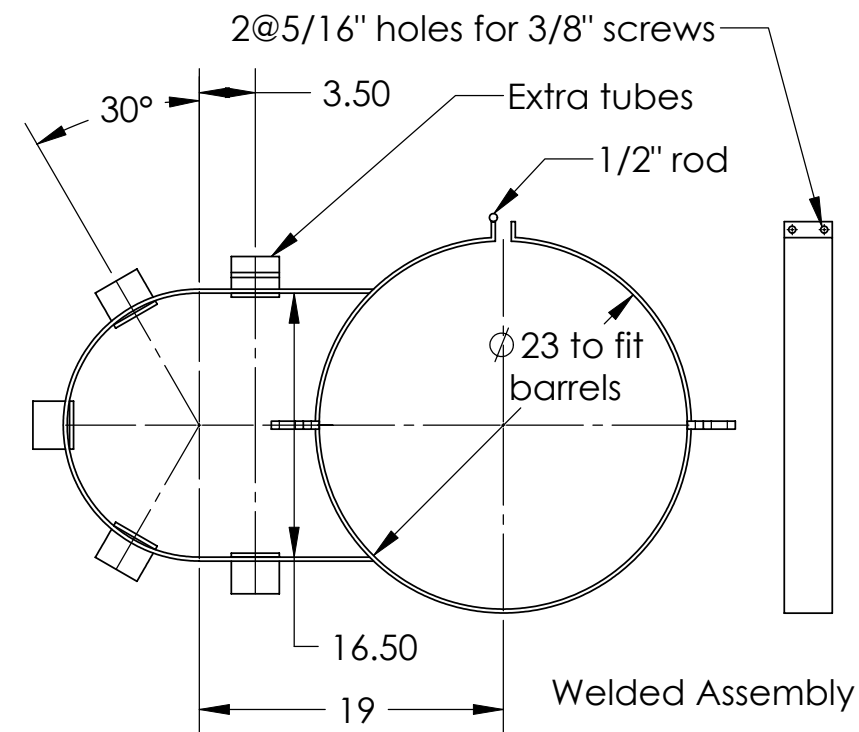
CORK-top cement barrel  
Hans Jannasch, MBARI, 8/28/07

As mounted on CORK with 15ft (180")  
6" hose.



CORK-top cement barrel  
Hans Jannasch, MBARI, 8/28/07

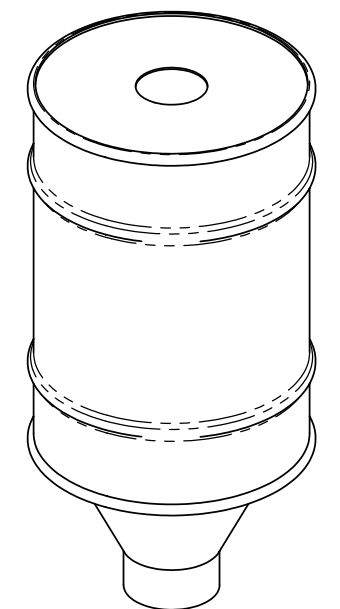
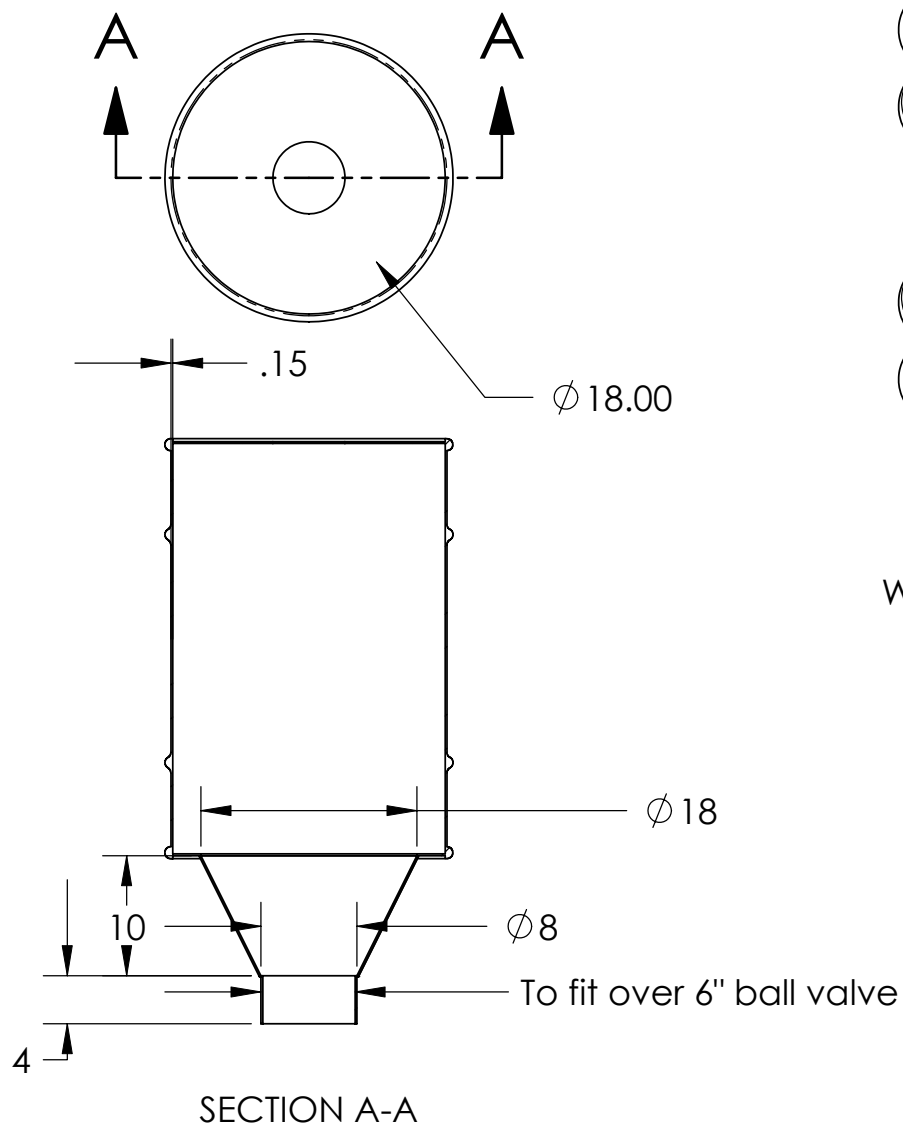
Left: Barrel, catcher, and stand  
Right: agitator and latch



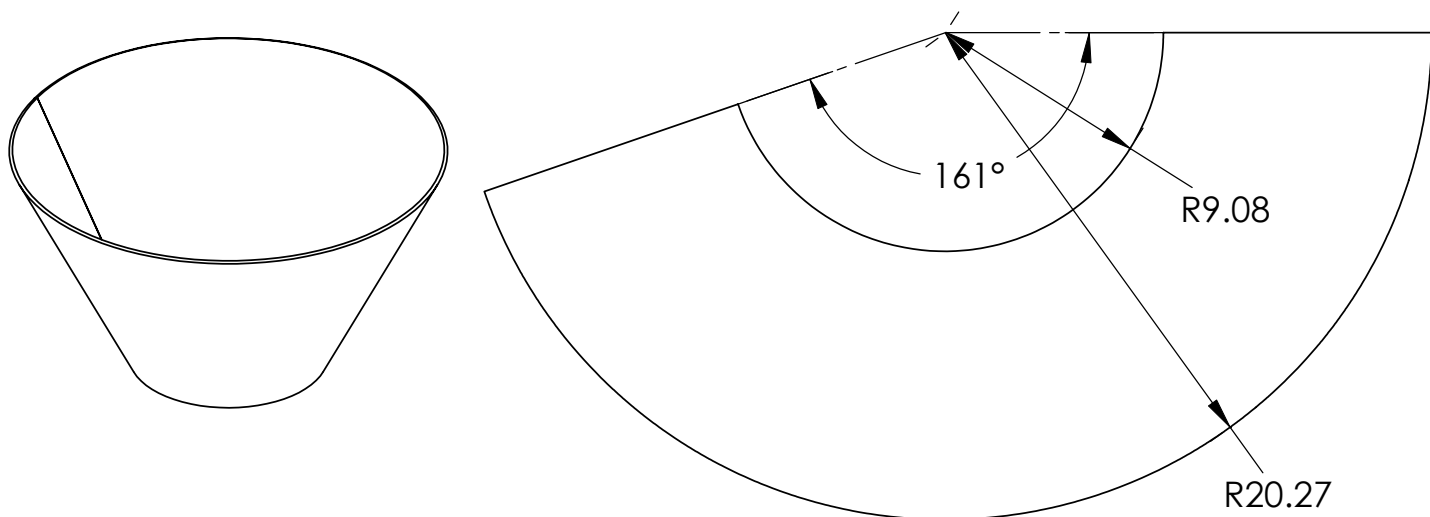
Main frame made using 1/4" by 3" strap

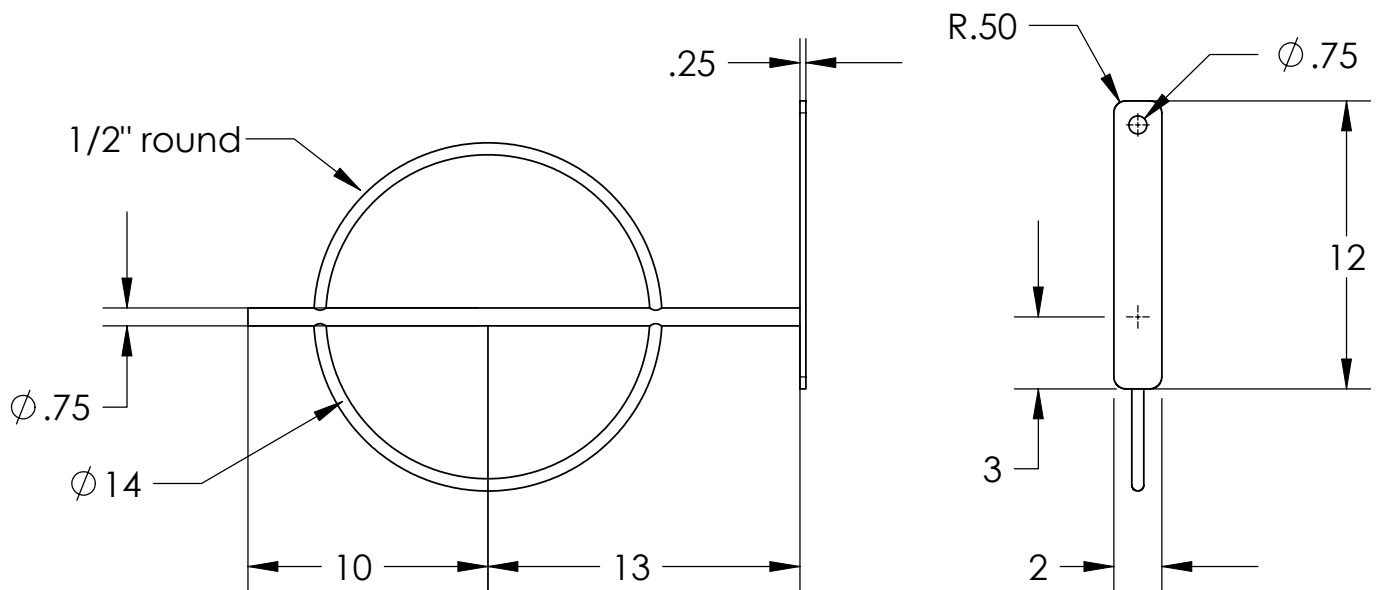
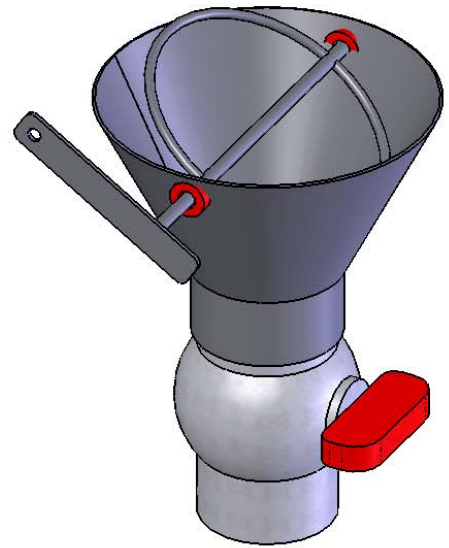
Vertical bar cut from 1/2" by 3" bar. Will need cutouts for barrel rings

Metal: steel

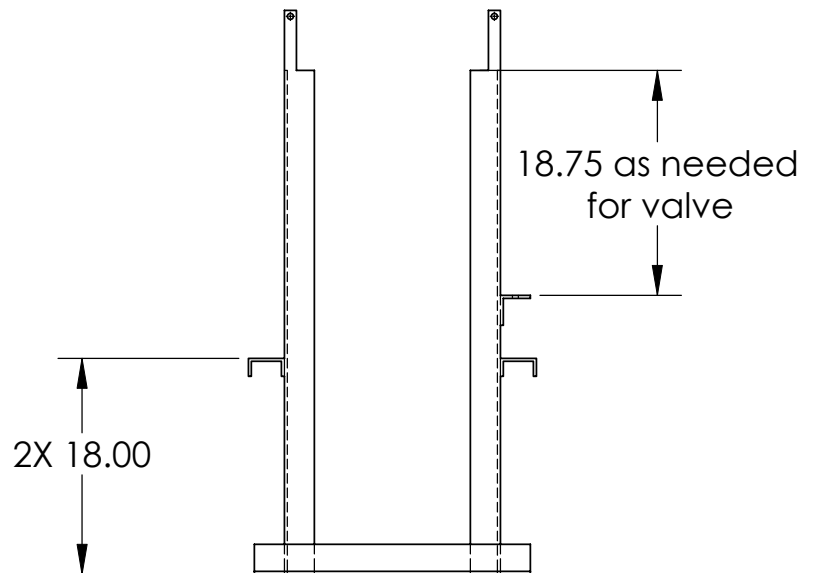
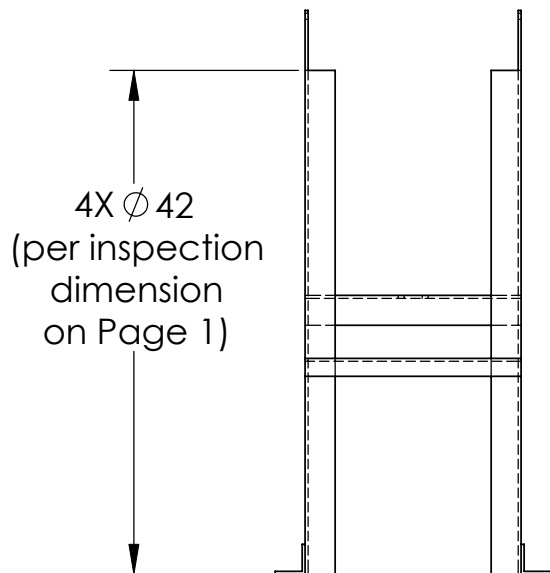
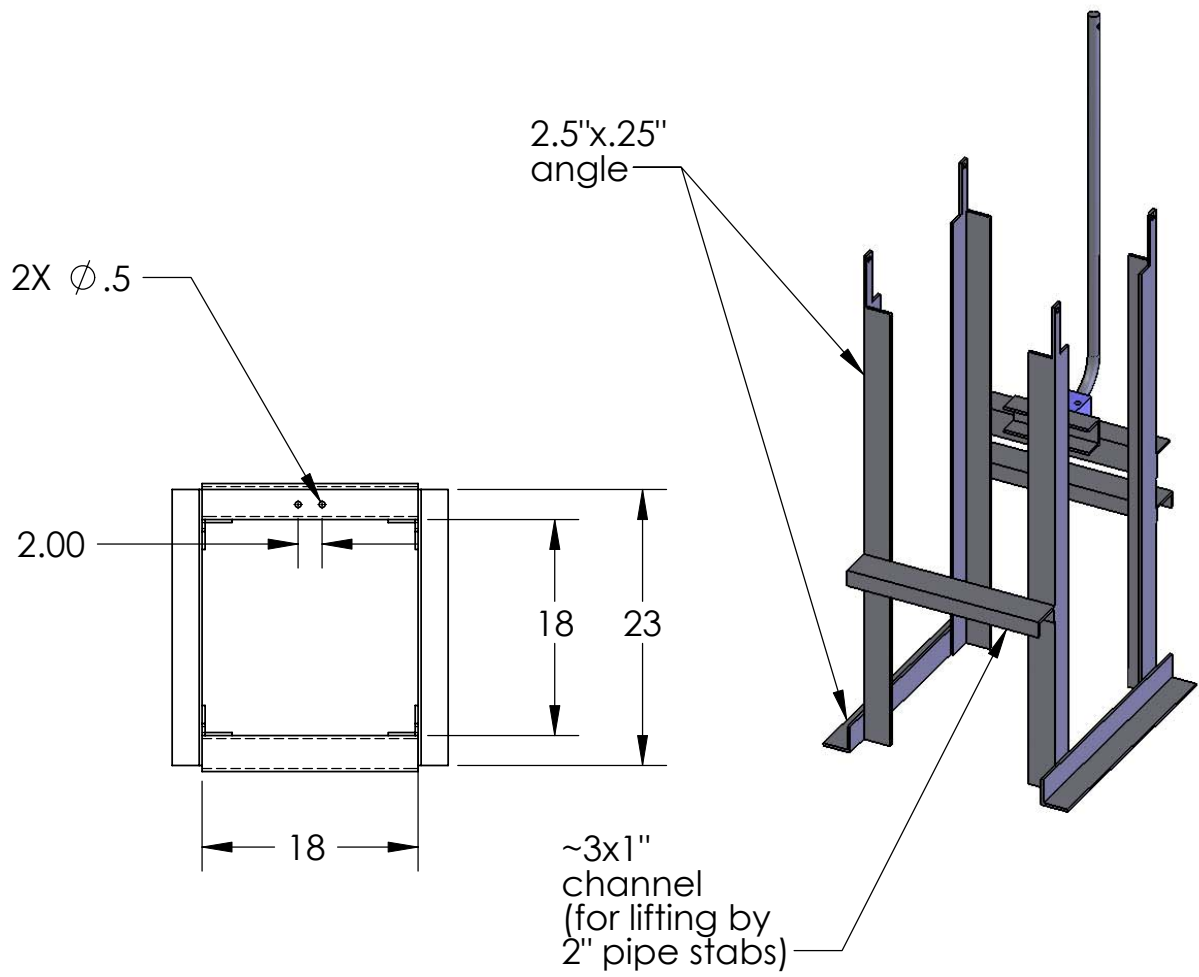


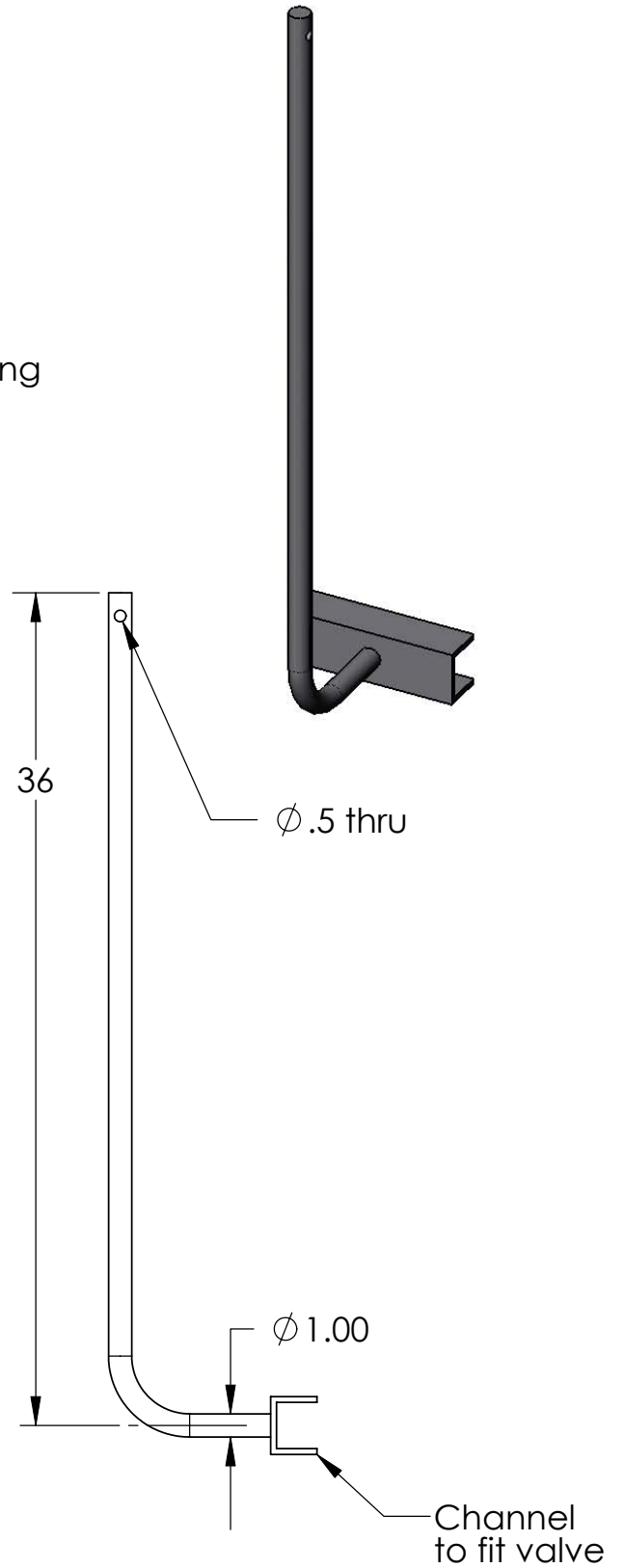
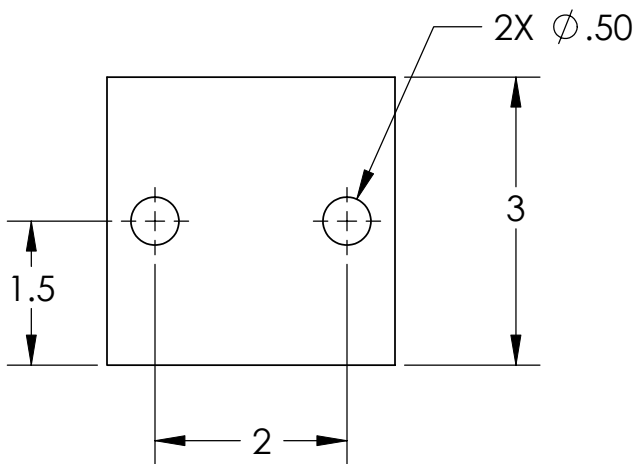
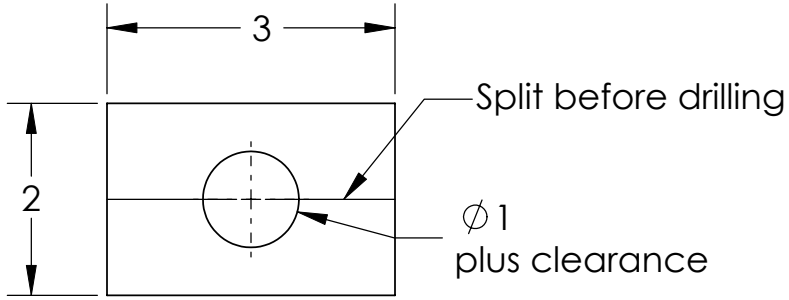
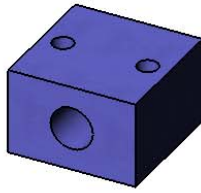
Welded barrel assy

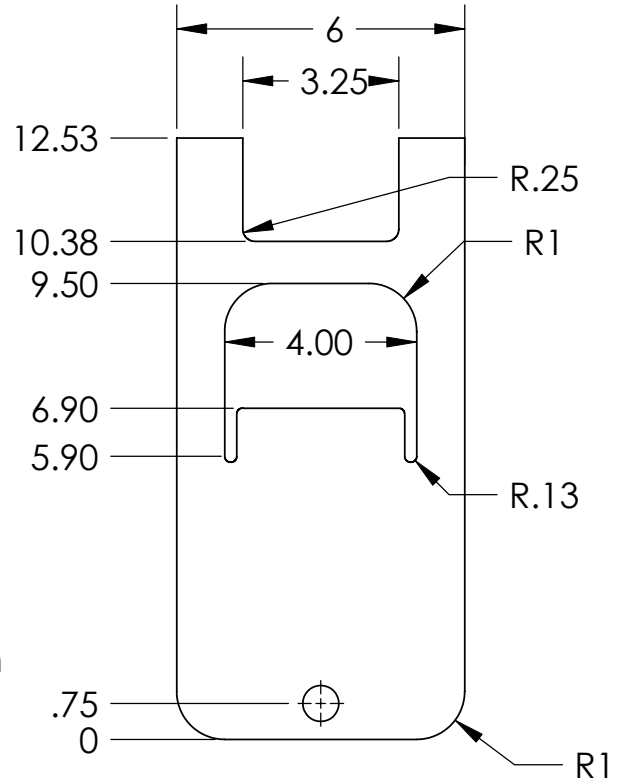
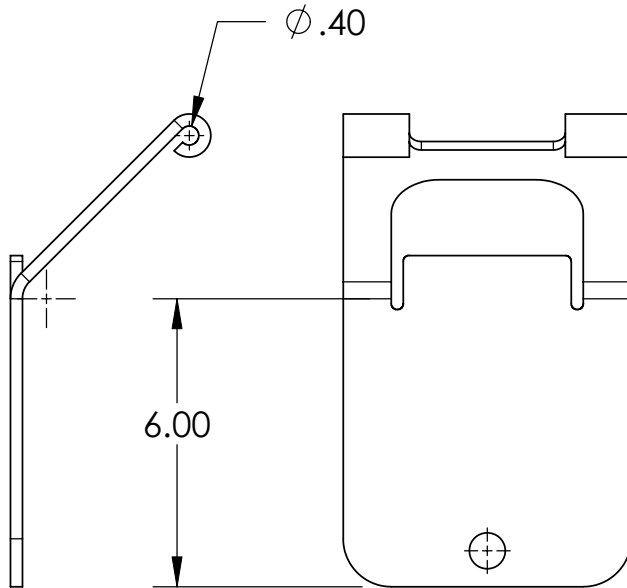
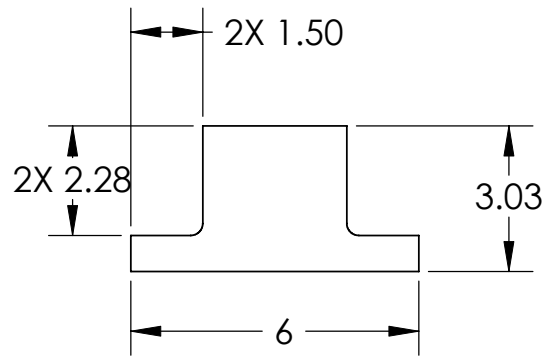
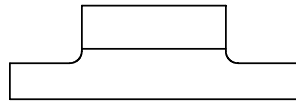
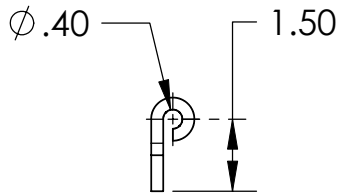




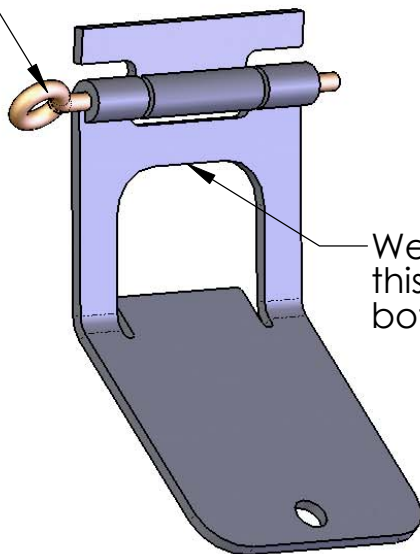
Welded Assembly  
installed with stop collars and greased sleeves







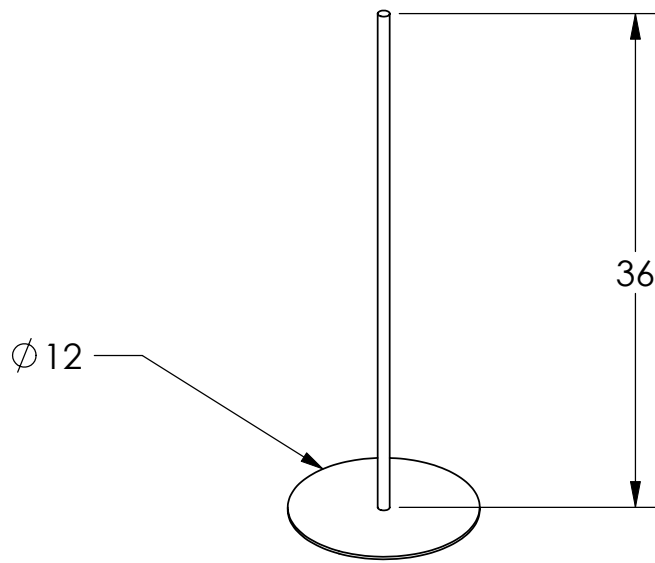
3/8" brass hinge/shear pin 8" long with pull ring at one end.



Weld to frame with this edge flush to bottom of band

### CORK Latch

top part made from 3/8" steel  
Bottom part from 1/4" steel  
Top part welded onto frame  
1/2" rod must freely slide out



Plunger: ~3/16" steel plate and 3/4" rod  
welded or connected by 1/2" screw

Also:

A: For cement dumper already in Astoria:

- Extra set of tubes
- Extra lid w/hole if easily available
- Extra plunger
- Extra brass hinge/shear pin

B: Two 18" long T-handles with a 3" cross piece  
made from 1/2" Stainless steel rod,  
semi-pointed at the end.

B: 4@ 6" PVC pipe 18" long

C: 4@ 3" PVC pipe 12" long

(B&C will be hose-clamped onto 1/2' rod  
and will hold the relay transponder and  
Homer Probe)