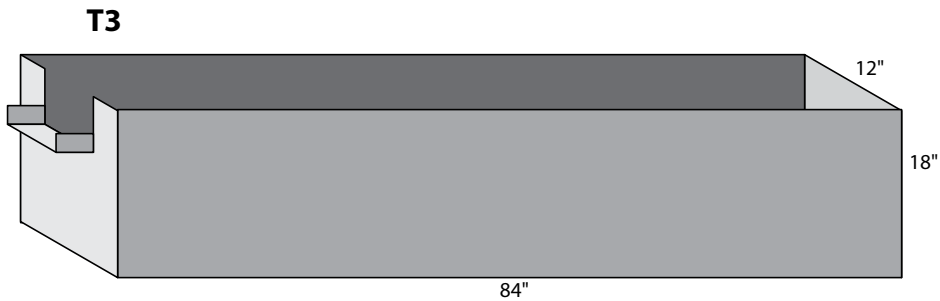
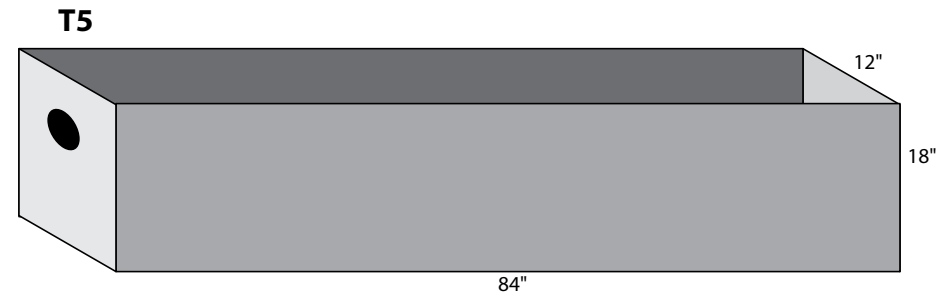
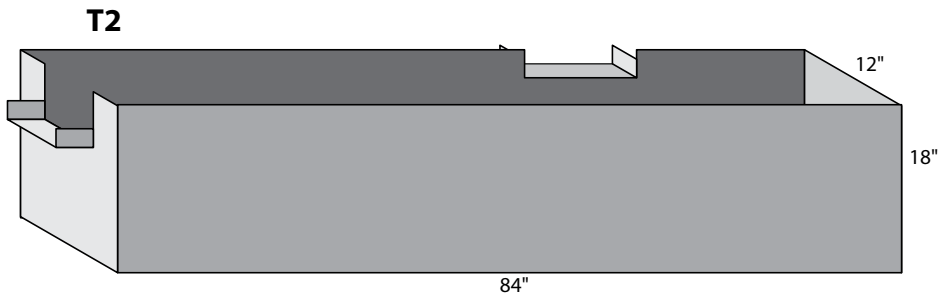
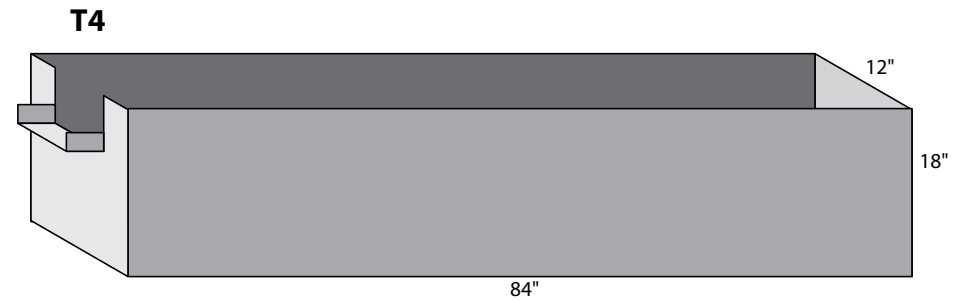
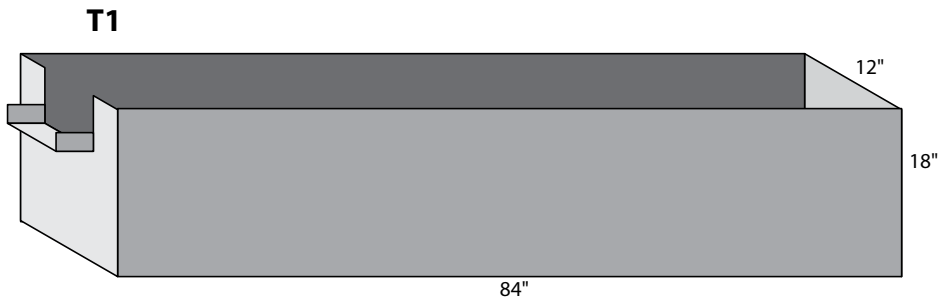




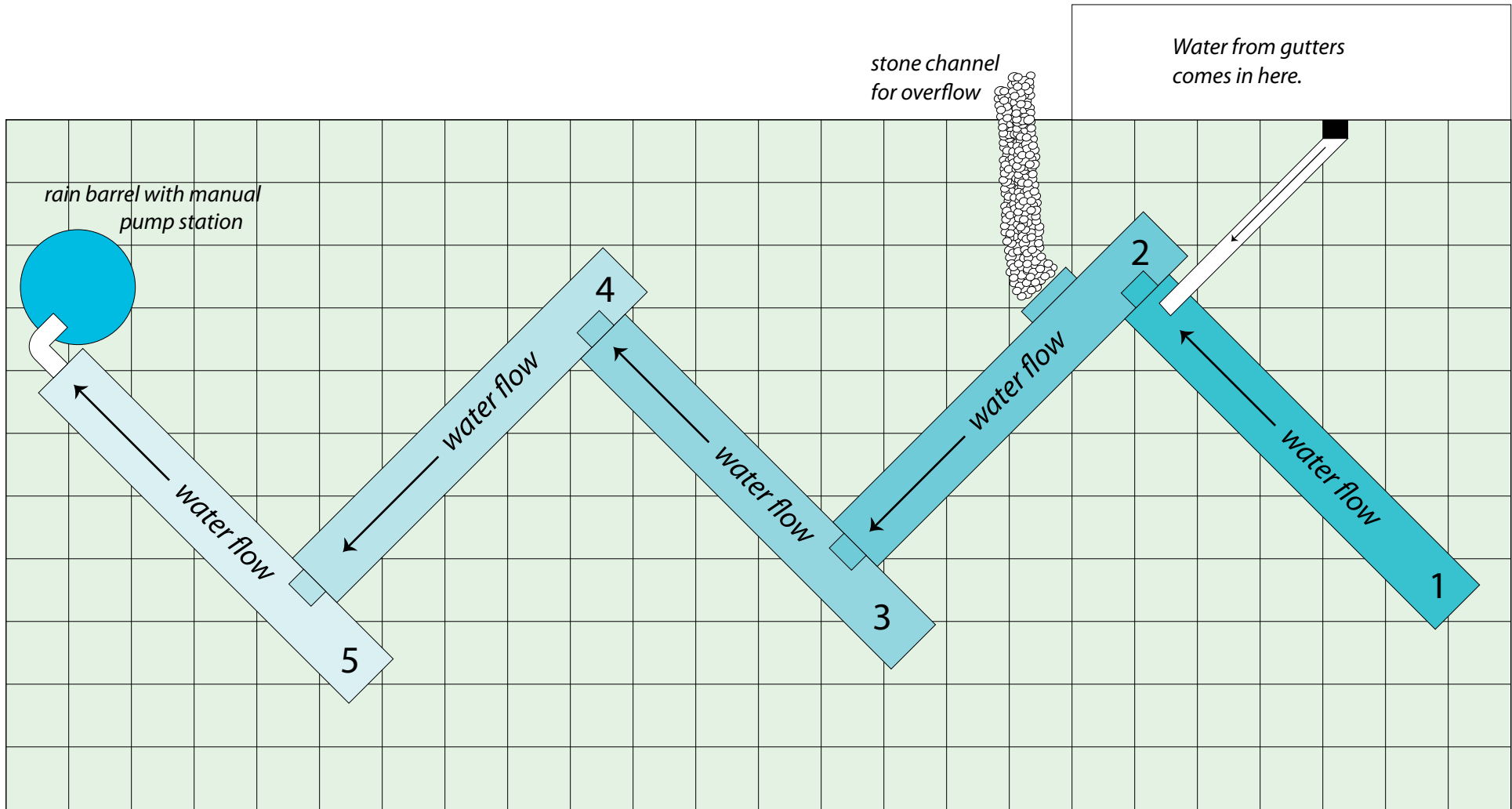
Binford Middle School Stormwater Capture Sculpture

Five galvanized steel troughs: each trough 84" long, 12" wide, 18" tall, open at top. Troughs will be capturing rainwater off of roof. Holes in the bottom of each trough will drop water onto plantings below.



*Troughs 1, 3 and 4 are the same.  
Troughs 2 and 5 are slightly modified  
(see trough detail sheets).*

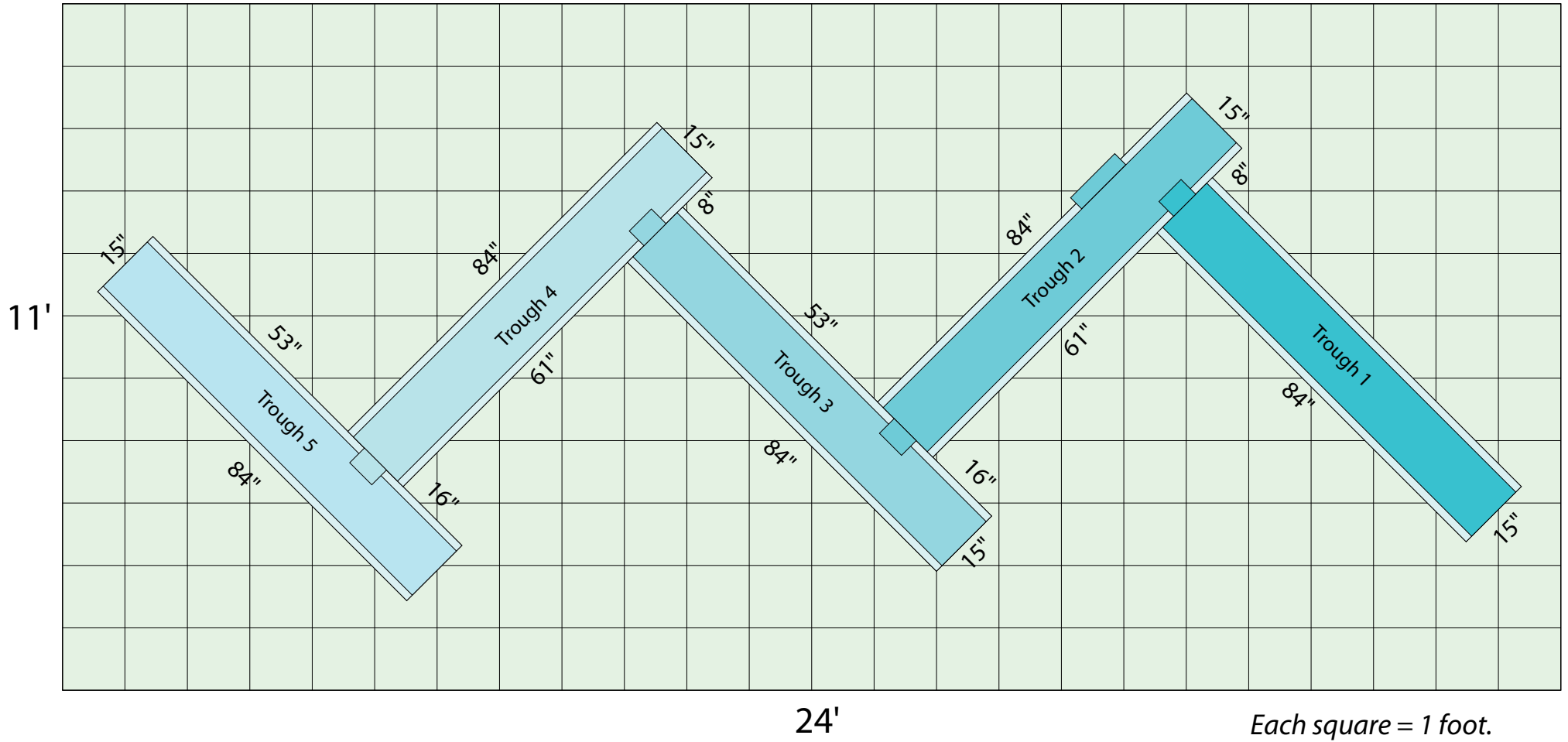
Water will be diverted from the gutter at the Northwest corner to the five troughs. The troughs will be placed at right angles to disperse water over the natural area.



Birds eye view of natural area, 24' x 11'

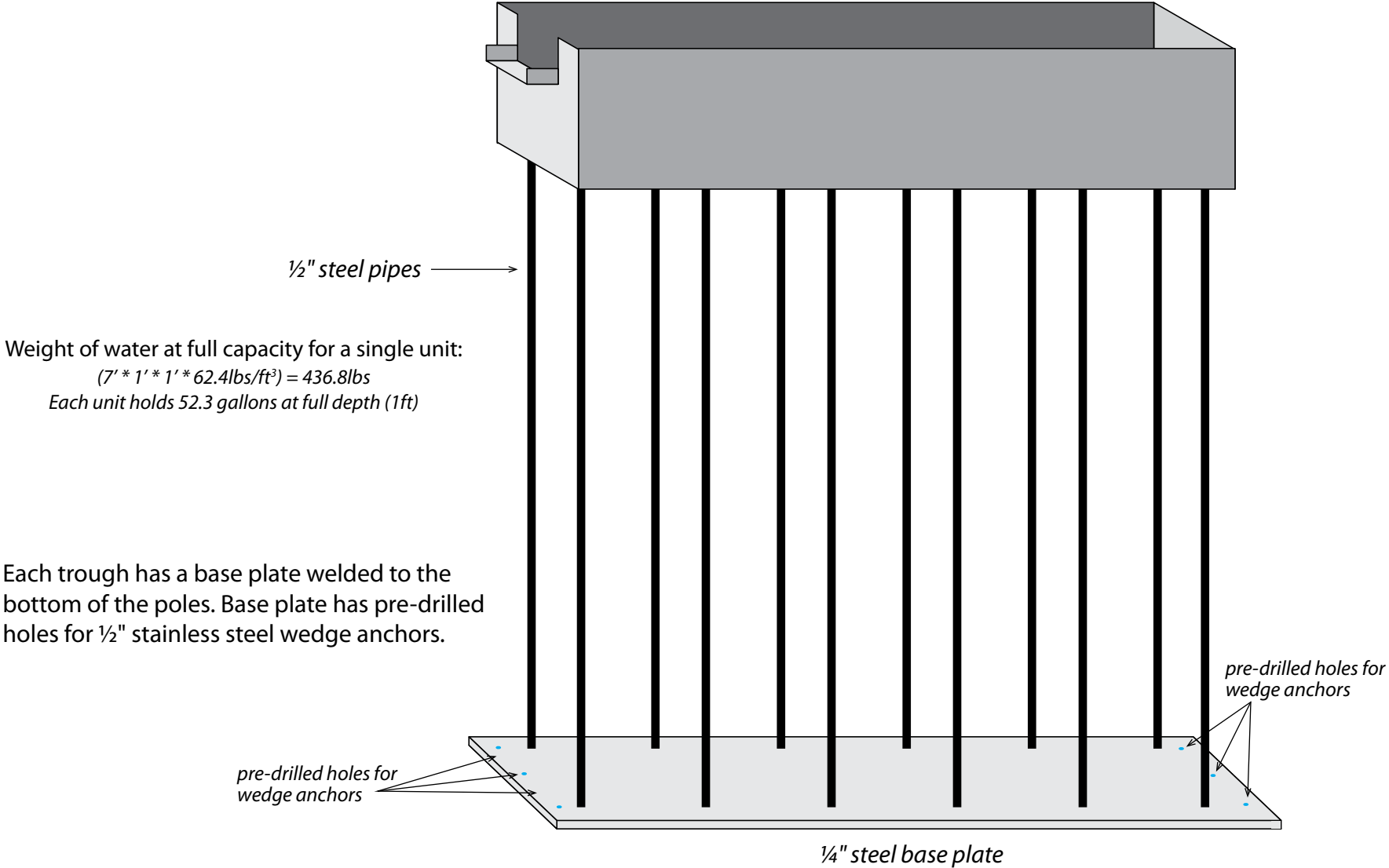
24'

Trough bases are all 84" x 15". Offsets between trough bases shown below.

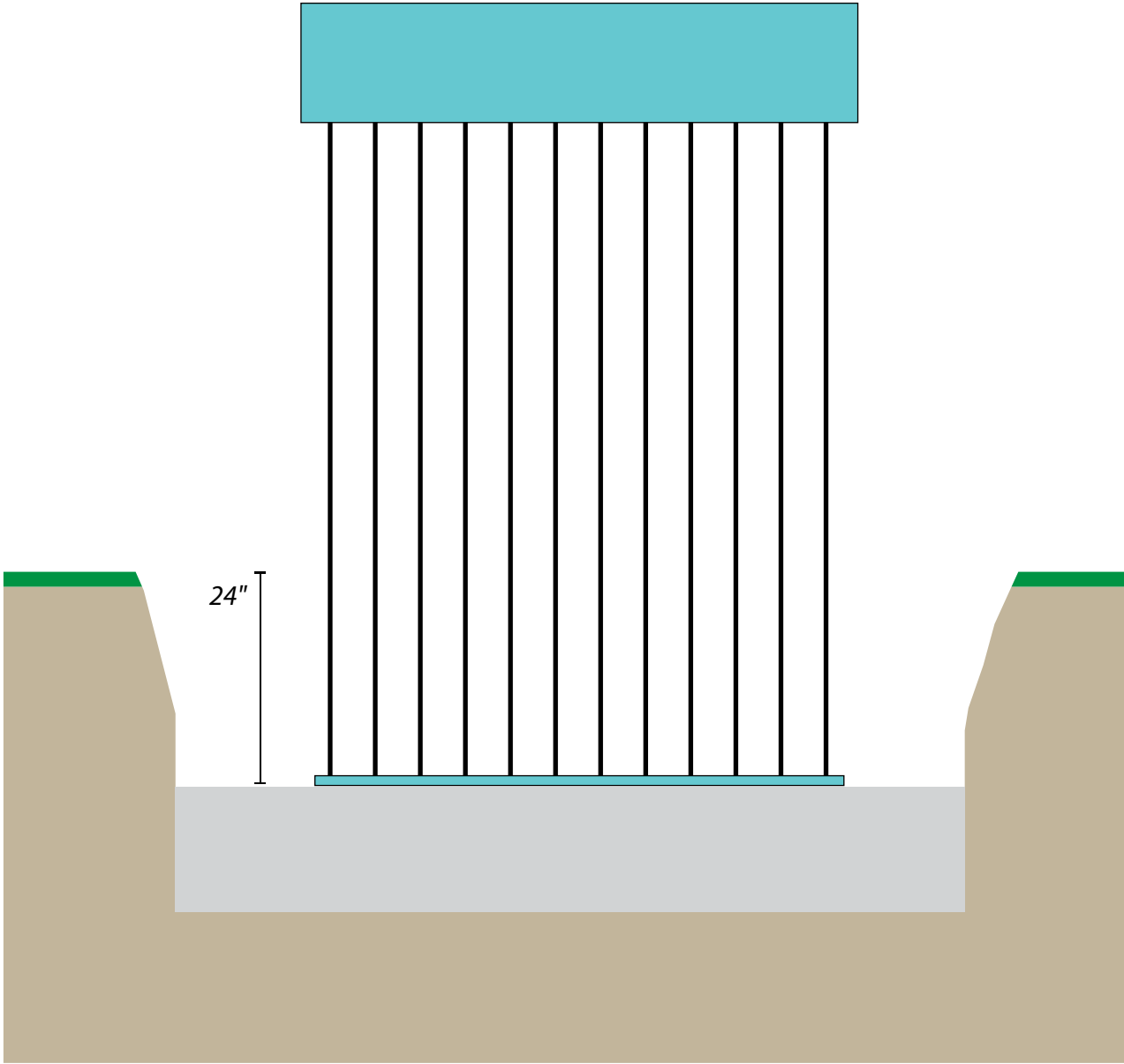




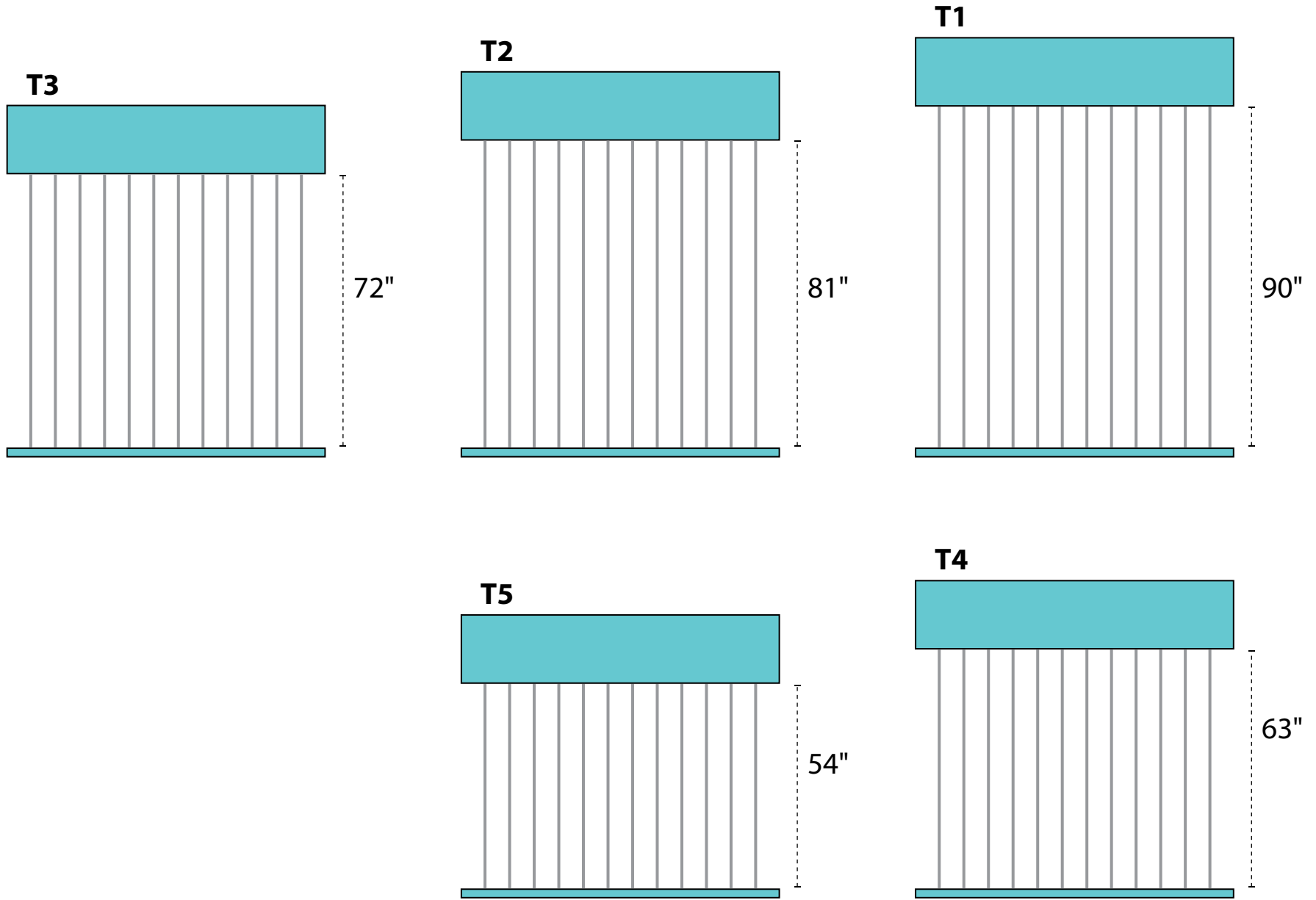
Twelve 1/2" steel pipes will be welded underneath of each trough, then welded to a 1/4" steel baseplate at the bottom. The baseplate will be secured to the concrete foundation with 1/2" stainless steel wedge anchors.



Top of foundation needs to be 24" below ground. After trough bases are secured to foundation, dirt will be backfilled ontop of the bases back up to original ground level.

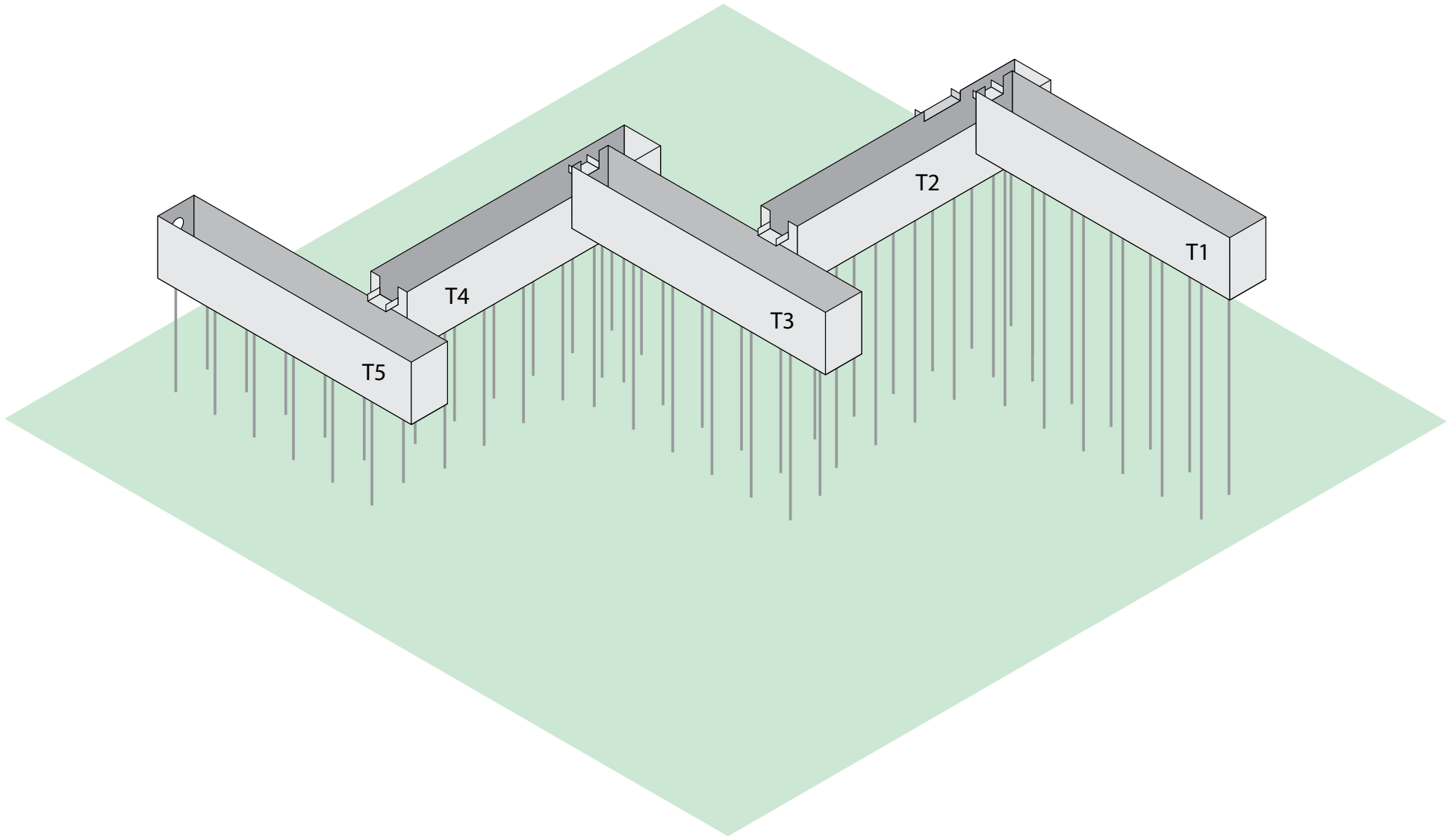


Pole Heights Detail. All lengths allow for 24" of the poles being below ground.





Isometric view of five troughs installed.



Isometric view of five troughs installed with clouds.

