



CWT GROUND PREPARATION

There are several factors to consider when installing the FLOWBIRD CWT parking terminal. The meter should be positioned, if possible, to make the best possible use of sunlight to charge the battery. When placing a meter, picture the area full of traffic and normal congestion:

- Is there adequate room for customers to gain access to the meter?
- Does the position block a business doorway or access area?
- Is the meter in danger of being hit by traffic? If yes protective bollards may be needed.

The CWT is bigger than the base anchor & Same size as the template. Make sure enough room is given in all directions for proper mounting.

The CWT needs to be mounted in a level position for proper operation.

The surrounding concrete area should be in good condition.

When installing on a median strip or near a curb, make sure the added height does not cause an inconvenience for customers using the meter.

If using Red heads bolts, the concrete must be at least 4" deep and in good overall condition.

The meter weighs approximately 180lbs depending on configuration. Take adequate precautions when moving or mounting the meter.

The two most common mounting methods are base anchors and red head bolts.

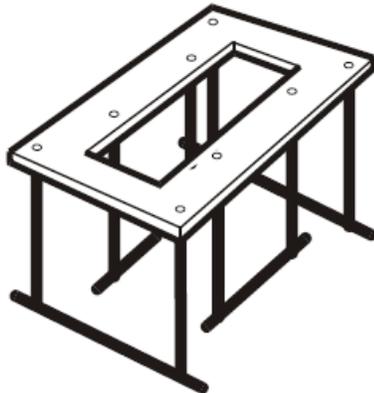
A. Base Anchors

The base anchor is designed for use in new concrete. The minimum concrete slab should be 28"w x 24" (front to back) by 10" deep.

The anchor should be installed so that the metal top is completely level. The concrete must not be higher than the top surface of the anchor at any point within 4" of the edges of the anchor.

If the surrounding area is not level, the concrete must be brought up to level,

If an AC line or network connection will be made, it should be routed up through the center cutout on the anchor using a conduit.



Base anchor 0403-B0120

B. Template with Red Head bolts

If you are mounting in existing concrete, you will be sent templates in order to pre-drill the holes needed for installation.

Place the template on the ground in the correct position. The template is the same footprint as the meters housing. Stand on the template to keep it in position.

Using a 3/16" masonry drill, drill at each hole location on the template, deep enough to clearly mark the position of the hole in the concrete.

Remove the template and drill pilot holes 3/16" by 3" deep.

Using a 5/16" drill bit, re-drill the back-corner holes to the proper size.

Using a 7/16" drill bit, re-drill the remaining 6 holes to the correct size.

Mounting hardware will be shipped with your meters. The meter should be shimmed upon installation to a level position. Normally the outer 4 holes are shimmed with galvanized washers.

Failure to level the meter can result in operational problems.

