

Standard Large Enclosure Installation

Installation Guidelines for Enclosures Sized 24" x 36" and Larger:

1. Select an appropriate site or location for an underground enclosure

- 1.01 Utility easements
- 1.02 Streets
- 1.03 Parking lots
- 1.04 Parking lot entrances
- 1.05 Shipping & delivery docks
- 1.06 Waste removal (dumpsters)

2. Place conduit or water pipes

- 2.01 Trenching or plowing of conduit
- 2.02 Boring under road crossings & railroads
- 2.03 Mark depth of conduit (marker tape)

3. Excavate enclosure hole

- 3.01 Make hole 1-2' longer and wider than the box and 6"-8" deeper than the enclosure (add a rodent barrier if called for).

4. Prepare the enclosure for placement

- 4.01 Unpalletize the enclosure.
- 4.02 Place nylon straps or chains around the lifting bolts and secure to the backhoe bucket. The angle between the strap and the enclosure should not be less than 45 degrees.
- 4.03 Lift the enclosure and place it into the hole.
- 4.04 Place gravel in the enclosure and around the side if necessary.
- 4.05 Lift the enclosure to the proper elevation allowing the gravel to run out under the enclosure.
- 4.06 Check the elevation of the enclosure with a level and range pole.
- 4.07 Make the necessary elevation adjustments with the bucket and recheck the elevation.
- 4.08 Once the enclosure is set to the proper elevation, remove the lifting bolts, reinstall the covers and back fill.
- 4.09 If 95% compaction is required, internal bracing should be used on all manufacturer's enclosures to prevent deflection and premature failure.



Attach nylon straps or chains to the lifting bolts (4.02).



Lift and position enclosure with backhoe (4.03).



Place gravel in the enclosure and around the side. Lift enclosure to let gravel run underneath (4.04, 4.05).