

Standard Large Enclosure Installations

Installation Guidelines for Enclosure Sized 3048 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 (dumpster)

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. Prepare the Excavation

- 3.01 Excavate approximately 10 inches greater around the actual outside dimension of the Enclosure to be installed and 6 inches deeper than to depth will be required for installation.

4. Prepare the enclosure for Placement

- 4.01 Unpalletize the enclosure.
- 4.02 Place nylon straps or chains around the lifting bolts or through lifting holes and secure to the backhoe or equivalent excavation equipment bucket.
- 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 lifting equipment and recheck the elevation.
- 4.08 Once the enclosure is set to the proper elevation, reinstall the cover or covers and backfill.
- 4.09 If 95% compaction is required, internal bracing should be used on all manufacturer's enclosures to prevent deflection and premature failure. Please see sheet 144 for internal bracing recommendations.