

Box Pad Installations

Installation Guidelines for Box Pads

1. Prepare the Excavation

- 1.01 Excavate a sufficiently large and deep area to set the box pad. If normal utility practice is to install a gravel base, then the excavation should be deep enough to allow base installation. The excavations should be planned to leave approximately the top 4 inches of the box pad exposed above the planned finish grade.

2. Placement

- 2.01 Place the base material, tamp and level following utility normal practices.

3. Boypad Placement

- 3.01 Set the box pad in the excavation, assuring even support under the lower flange and assuring that the top surface is at the correct level and grade.
- 3.02 Install any grounding equipment and barriers at the the appropriate time as called for by utility standard practices.
- 3.03 Place backfill around the boypad following normal utility practices for backfilling. Complete backfill to rough grade if finish grading will be done later. Fill to final grade with planned finishing materials.
- 3.04 If 95% compaction is required, internal bracing should be used on all manufacturer's enclosures to prevent deflection and premature failure. Please see sheet 147 for internal bracing recommendations.

4. Utility Equipment Placement

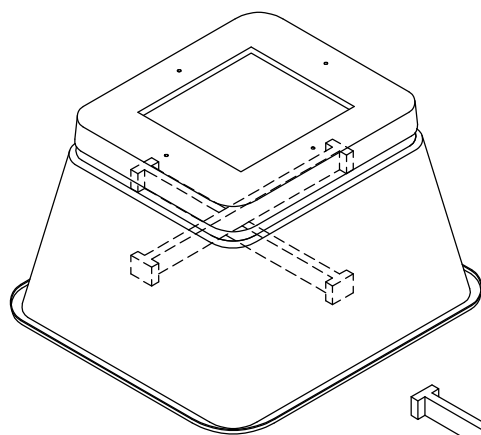
- 4.01 Install utility equipment on the box pad. Follow utility plans for completing installation.

INTERNAL BRACING FOR BOX PAD INSTALLATION

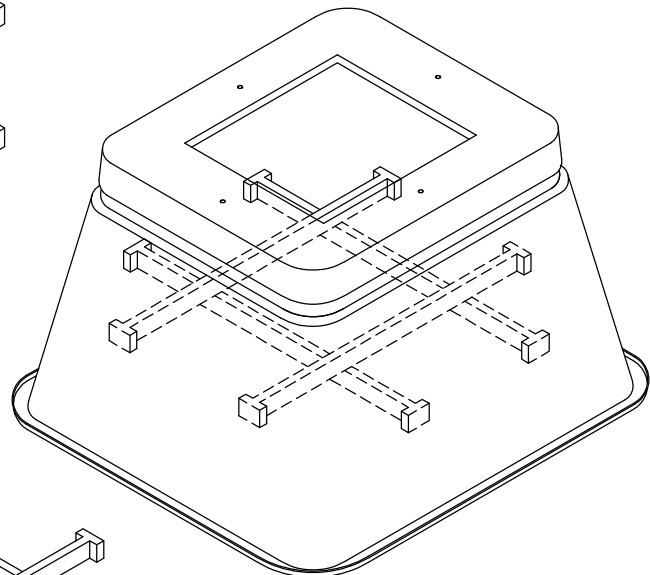
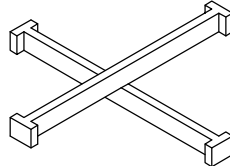
Installation Guidelines for Internal Bracing:

Internal bracing may be warranted for any manufacturer's underground enclosure. If 95% compaction is required or if heavy vehicles are going to be present during construction and/or throughout the life of the enclosure, internal bracing during back-filling operations will ensure minimal box sidewall deflections. This installation practice applies to enclosures made from any material to maintain the original sidewall geometry.

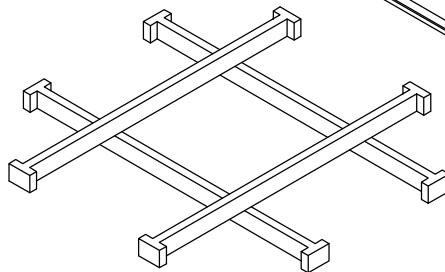
Supports should be 2 x 4 or similar material sized to hold at mid-depth.



4848 and smaller



Larger than 4848



Note: Regardless of the design and materials used in the construction of the product, the bracing required is the same.