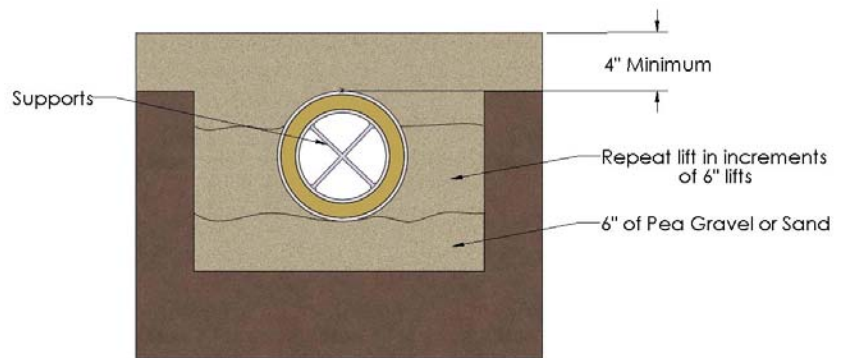
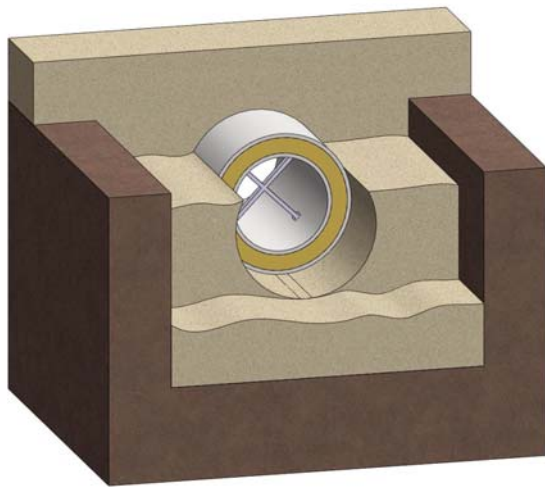


Underground Burial Procedures - 38" Diameter and Larger Duct



Recommended Installation

1. Installation shall be in accordance with manufacturers instructions.
2. For duct 38" or larger, the contractor shall provide movable internal support braces which can be relocated as the backfilling is continued. Support is to be set at approximately 5'-0" intervals. At completion of backfill, supports are removed and discarded.
3. Compaction to 80-90% is required. Water settling shall be avoided. Pea gravel dumped from a wheel barrel is about 85% compacted. With tamping or rodding, the pea gravel backfill compaction should approach 90%. All debris and particles that are larger than 1/2" should be removed from the trench.
4. Where heavy floor loads are expected, the floor slab should be either structurally reinforced over the duct area or as an alternate method, a crown of concrete could be poured over the duct in lieu of the indicated select backfill. In either case, the selection of the proper method should be determined by the structural engineer.

There should be no mechanical equipment is to be allowed on the duct.