

[Chapter 15.04 SUBDIVISIONS](#)

Section 15.04.690 Compacting earth materials.

The material shall be deposited in horizontal layers having a thickness of not more than ten inches after being compacted as hereinafter specified; provided, that when mechanical equipment is used for placing and compacting the material on a sloping foundation, the layers may be placed parallel to the foundations. The distribution of materials shall be such that the compacted material will be homogeneous and free from lenses, pockets, or other imperfections.

Prior to and during compaction operations the material shall have the optimum moisture content required for the purpose of compaction, and the moisture content shall be uniform throughout the layers, insofar as practicable. Moistening of the material shall be performed at the site of excavation, but such material shall be supplemented as required by sprinkling at the site of construction. If the moisture content is less than optimum for compaction, the compaction operations shall be delayed until such time as the material has dried to the optimum moisture content. When the material has been conditioned as hereinbefore specified, the backfill or embankment shall be compacted as follows:

- A. Under roadways and extending one foot beyond the proposed curb line the fill or embankment material shall be compacted to a density equal to not less than ninety-six (96) percent of maximum dry density as measured by AASHTO T-99.
- B. Under sidewalks and drive approaches the fill or embankment material (to at least one foot each side of the edge of the slab) shall be compacted to a density equal to not less than ninety-six (96) percent of maximum dry density, as measured by AASHTO-99.
- C. Other fills and embankments not listed above shall be compacted to a density equal to not less than ninety-six (96) percent of maximum dry density, as measured by AASHTO T-99. (Ord. 5-1988 § 1 (part): Development Code 4-5-5)