



LIGHTWEIGHT FILL PLACING METHOD

General: Final compaction effort shall be determined in the field by the engineer. Place approximately uniform horizontal layers. Over-compaction should be avoided. Construction equipment, other than for compaction, shall not operate on the exposed lightweight fill.

Use of Vibratory Roller: Horizontal layers should not exceed 12" loose thickness. Each layer shall be compacted using vibratory compaction equipment weighing no more than 12 tons static weight. The minimum recommended number of passes is two. Additional passes may be required and should be determined in the field by the engineer to insure stability of the layer.

Use of Portable Vibratory Plate Compacting Machine: Horizontal layers should not exceed 6" compacted. The minimum recommended number of passes is two. Additional passes may be required and should be determined in the field by the engineer to insure stability of the layer. One pass requires vibration of the area covered by the plate for at least 10 seconds, before moving to the next adjacent location.