Part 4

BACKFILLING
UTILITY
TRENCHES
Miss-location and under compaction of backfill in utility trenches often lead to unexpected problems, like the erosion depicted here.
Utility trenches should never be placed directly beneath structures without proper design for bridging of foundation elements.
Utility trenches should be located with sufficient offset from slope faces and foundation elements, as shown above.
Utility trenches backfill with sand or silt mixtures tend to undergo hydrocompression-induced settlement, as shown here.
Example of intersecting utility trenches excavated too close to the building’s foundation