DIVISION 31 EARTHWORK

31 23 00 EXCAVATION AND FILL

A. **Topsoil:** Soil rich in organic matter and loamy in texture, acceptable to Facilities Planning and Construction. Minimum depth of top soil shall be 12” in lawn or turf areas and 18” in planting beds.

B. **Excavation Around Trees:** Excavate within drip line of trees only where approved by Facilities Planning and Construction. Tunnel under or around roots by hand, digging where trenching for utilities is required within drip line. Do not cut main lateral roots or tap roots, only cut smaller roots that interfere with installation of new work. Cut roots with sharp pruning shears. Do not allow exposed roots to dry out before permanent backfill is placed; provide earth cover, or pack with peat moss and wrap with burlap. Water and maintain in moist condition and temporarily support and protect from damage until permanently relocated and covered with earth.

C. **Compaction:** In landscape areas, compact sub-soil to 90% of maximum dry density. Beneath roads and sidewalks, compact subsoil to 98% of maximum dry density. The owner reserves the right to perform compaction testing to verify contractor performance.