

SECTION 02211

ROUGH GRADING

PART 1 GENERAL

1.01 WORK INCLUDED

- A. Remove topsoil and stockpile for later reuse. Remove excess from site.
- B. Excavate subsoil and stockpile for later reuse. Remove excess from site.
- C. Grade and rough contour site.

1.02 PROJECT RECORD DOCUMENTS

- A. Accurately record location of utilities remaining rerouted utilities, new utilities by horizontal dimensions, elevations or inverts, and slope gradients.

1.03 PROTECTION

- A. Protect trees, shrubs, lawns, and other features remaining as portion of final landscaping.
- B. Protect bench marks, existing structures, fences, roads, sidewalks, paving, and curbs if not to be removed.
- C. Protect above or below grade utilities which are to remain.
- D. Repair damage.

PART 2 PRODUCTS

2.01 MATERIALS

- A. Topsoil: Excavated material, graded free of roots, rocks larger than one-inch subsoil, debris and large weeds.
- B. Subsoil: Excavated material, graded free of lumps larger than 6 inches, rocks larger than 3 inches and debris.

PART 3 EXECUTION

3.01 PREPARATION

- A. Identify required lines, levels, contours and datum.
- B. Identify known below grade utilities. Stake and flag locations.

- C. Identify and flag above grade utilities.
- D. Maintain and protect existing utilities remaining which pass through work area.
- E. Notify utility company of work.

3.02 TOPSOIL EXCAVATION

- A. Excavate topsoil from areas to be further excavated, relandscaped, or regraded and stockpile in area designated on-site. Remove excess topsoil not being reused from site.
- B. Do not excavate wet topsoil.
- C. Stockpile topsoil and cover to protect from erosion.

3.03 SUBSOIL EXCAVATION

- A. Excavate subsoil from areas to be relandscaped or regraded, mark areas and stockpile on-site. Remove excess subsoil not being reused from site.
- B. When excavation through roots is necessary, perform work by hand and cut roots with a sharp axe.

3.04 TOLERANCES

- A. Top Surface of Sub-grade: Plus or minus one inch.

END OF SECTION