

## 205 - EXCAVATION

### 205.1 DESCRIPTION

Excavation of the specified materials shown on the plans shall be done in accordance with Section 205 of the Standard Specifications except as otherwise modified herein.

### 205.2 CONSTRUCTION REQUIREMENTS

Erosion control measures shall be in place prior to the commencing of any work on the site in accordance with Section 902 "Temporary Erosion and Pollution Control". If the erosion control measures are not effective or are not approved by the City Engineer, all excavation and other site work shall be halted until such time as the erosion control measures are approved.

#### a. Rough grading

Areas to be graded shall be cut to the approved subgrade elevations. The graded area shall have adequate drainage at all times. All ditches and channels shall be kept free of debris or obstructions. Erosion control measures shall be taken to protect downstream drainage systems from pollution, sedimentation or erosion caused by grading operations. Any pollution or damage occurring shall be the responsibility of the contractor.

#### b. Excavation

Excavation to the finish graded section for construction shall be considered Unclassified Excavation.

All stable and suitable materials from excavation shall be used as far as practicable for fills as shown on the drawings. All stable and suitable material that is hauled offsite by the contractor and is required for fill shall be hauled back onsite by the contractor at no cost to the Owner.

Unstable material is considered to be material that has moisture content above the plastic limit of the soil. Suitable material with excess moisture caused by the Contractor's negligent operations is not classified as unstable excavation. Excavate and use unstable material in accordance with Subsection 205.4.d of the Standard Specifications.

No separate payment will be made for excavating, undercutting and overbreakage of rock and for backfilling and compacting this area with the materials as shown in the plans.

#### c. Boring Logs

The logs of the soil borings, if available, are included in an Appendix of these specifications. The logs are furnished by the Owner for information only and are not guaranteed to be accurate or representative of all subsurface materials and conditions that will be encountered.

### 205.3 MEASUREMENT AND PAYMENT

Payment for this work shall be based on plan quantity and will be paid for at the contract unit price bid per cubic yard for "Unclassified Excavation". Unclassified Excavation shall be considered subsidiary to Linear Grading when "Linear Grading" is specified in the proposal as a bid item.

The Engineer will measure "Excavation (Unstable)" by the cubic yard. The Contractor shall conduct his operation in such a way that the Engineer can take the necessary cross sectional measurements before the backfill is placed.

Payment for "Excavation (Unstable)" at the contract unit prices bid is full compensation for the specified work. No additional payment will be made for furnishing, backfilling and compacting these areas with suitable material.