

**SECTION 02215
GRADING**

PART 1 -- GENERAL

1.1 DESCRIPTION OF WORK

- 1.1.1 Grading and rough contouring site.
- 1.1.2 Compaction requirements.
- 1.1.3 Finish grading.

1.2 REFERENCES

- 1.2.1 ASTM C136 - Sieve Analysis of Fine and Coarse Aggregates.
- 1.2.2 AASHTO T 99/ASTM D698 - Moisture Density Relations of Soils and Soils Aggregate Mixtures, Using 5.5 lb. Rammer and 23 inch Drop.
- 1.2.3 AASHTO T191/ASTM D1556 - Density of Soil in Place by the Sand-Cone Method.

1.3 RELATED SECTIONS

NOT USED

1.4 QUALITY ASSURANCE

- 1.4.1 Density tests for verifying compaction shall be performed by an independent testing laboratory. The Contractor is responsible for scheduling density tests and for the coordination of the testing with the testing laboratory and the Engineer. The Contractor shall pay all costs for density testing.

PART 2 -- PRODUCTS

2.1 MATERIAL

- 2.1.1 Approved material free from large clods, rocks larger than 1 inch, organic material or other extraneous material.

PART 3 -- EXECUTION

3.1 PREPARATION

- 3.1.1 Identify required lines, levels, contours, and datum.
- 3.1.2 Identify known below and above grade utilities. Stake and flag locations.
- 3.1.3 Maintain and protect existing utilities remaining which pass through Work area.

3.2 GRADING

- 3.2.1 Finish and grade the backfill and Project site in a neat and uniform manner to conform to the grades detailed on the Drawings. If grades are not specified, grade in a neat and uniform manner to the grades, which were existing prior to construction.

3.3 PROTECTION

- 3.3.1 Protect trees, shrubs, lawns, and other features remaining as a part of the final landscaping.
- 3.3.2 Protect benchmarks.
- 3.3.3 Protect existing structures, fences, roads, sidewalks, driveways, paving and curbs that are to remain.
- 3.3.4 Protect above and below grade utilities, which are to remain.

**** END OF SECTION ****