

**SECTION 02261
FINISH GRADING**

PART 1 - GENERAL

1.1. SUMMARY

- A. The work called for by this section shall include, but not necessarily be limited to, finish grading and the spreading and shaping of topsoil to the finished contour elevations indicated by the drawings.
- B. Refer to other sections for work related to that specified under this heading. Coordinate this work with that specified by other sections for timely execution.

1.2 RELATED DOCUMENTS

- A. Drawings and general provisions of the contract, including General and Supplementary Conditions apply to this Section.

1.3 SUBMITTALS

- A. Submit shop drawings for all products specified in this section in accordance with the requirements of General and Supplementary Conditions.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Use stripped topsoil that has been stockpiled as specified elsewhere. If the quantity of topsoil on the job is inadequate, furnish enough additional topsoil. Topsoil furnished shall be natural, fertile, friable soil processing characteristics of representative productive soils in the vicinity. It shall be obtained from naturally well drained areas. It shall not be excessively acid or alkaline nor contain toxic substances that may be harmful to plant growth. Topsoil shall be without admixture of subsoil and shall be cleaned and reasonable free from clay lumps, stones, stumps, roots, or similar substances one inch or more in diameter, debris, or other objects that are a hindrance to planting operations. Such material shall be subject to testing.

PART 3 - EXECUTION

3.1 GENERAL

- A. Do not begin work until the earth is dry enough to be tillable.
- B. Inspect subgrades to see that they generally conform to the standards called for elsewhere in these specifications, particularly with regard to the approximate depths required for the work. After work is completed, inspect it to ensure that all finish grading complies with design requirements.
- C. Place finished grade stakes wherever necessary to bring the work accurately to the elevations required by the drawings.
- D. Grade uniformly with rounded surfaces at the tops and bottoms of abrupt changes of planes.
- E. Hand grade steep slopes and areas that are inaccessible for machine work.

- F. Protect graded area from undue erosion, and repair and regrade areas where erosion does occur.
- G. Refill areas where noticeable settlement has occurred.
- H. Grass areas shall receive four inches of topsoil or 12 inches if over rocks.
- I. Place topsoil in areas of trees, shrub, and/or ground cover as follows: Backfill with topsoil uniformly to an optimum depth of 36 inches in areas to receive trees, shrubs, or groundcovers. In areas underlain with geofoam, backfill no deeper than 12 inches from the top surface of the geofoam layer. In areas with structural footings and foundations, backfill with topsoil no deeper than the top of footings and foundations. Refer to the landscaping drawings and general notes for further clarification.
- J. Place topsoil uniformly over disturbed areas as follows:
 - 1. Obtain approval of the rough grading from the CM before starting to place topsoil.
 - 2. Scarify subgrade to a depth of three inches.
 - 3. Level the topsoil so that it slopes uniformly and has no water pockets.
- K. Dispose of excess excavated materials and debris away from the site as directed by the CM.

END OF SECTION 02261