

SECTION 310000 – EARTHWORK

Scope:

The work described by this Section consists of furnishing all materials and equipment, and performing all labor, necessary for clearing, excavating, backfilling, grading, erosion and sedimentation control, landscaping, and grassing for site development and construction of water, storm sewer, sanitary sewers and other related structures. All work shall be done in strict conformity with the Drawings and Specifications.

Implementation:

- A. Site Conditions:** The Contractor's attention is directed to paragraphs of the "GENERAL CONDITIONS" relating to Site Examination.
- B. Demolition:** Structures shown to be demolished on the Contract Drawings shall be demolished and removed from the site. All structures shall be removed to at least 2 feet below existing or finished grade whichever elevation is lower. Costs of demolition shall be included in the lump sum bid.
- C. Concrete Removal:** Remove existing concrete, scarify base, compact base, grade the area and proof roll. Payment for concrete removal shall be included in the lump sum bid.
- D. Clearing Site:** The site shall be cleared of all obstructions interfering with the construction of new work. The area shall be cleared of trees, stumps, roots, brush, rubbish, and other such materials as necessary to accomplish the work shown. Trees and shrubs designated to be left in place, and those outside of construction limits, shall not be damaged.
 - (1) Disposal of Waste: All materials resulting from clearing operations shall be disposed of in accordance with local, state, and federal rules and regulations.
 - (2) Return ~~To~~ Original Condition: All structures or other facilities, which are removed or damaged by construction operations, shall be replaced as required at the Contractor's expense.
- E. Stripping:** The Contractor shall strip the entire area within cut, fill and graded boundaries to remove all top soil, vegetable matter, and other objectionable materials. Topsoil and vegetable matter shall be carefully stockpiled on site.
- F. Grading Plan:** Roadways and drainage for the site are shown on the drawings and shall be constructed according to the drawings. If any changes to the plans are required, the Contractor shall submit a marked up grading plan to the Owner for approval prior to making any changes.
- G. Grading:** Before the beginning of construction operations, the area upon which the structures and buildings are to be located shall be graded to conform, in general, with finished elevations shown on the Drawings, except that filling of structure locations may be deferred at Contractor's option.
 - (1) Additional Material: If additional material, other than that to be obtained from excavation, is required for backfilling and grading, the Contractor shall make his own arrangements to obtain such additional material.
 - (2) Excess Material: All excess earth excavation (except unsuitable material which shall be removed from the site) may be disposed of in the waste area on site, or temporarily in mounds on site. Temporary storage in the waste area will be placed in mounds. Permanent disposal in the waste area shall be compacted. The Contractor

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shall furnish drawings for approval showing temporary and permanent storage of excess excavation. Rock removed from site excavation shall be removed from the site. Backfill for the structures on site shall be selected and stored in specific areas for further use.

Payment:

No separate payment will be made for the above work. The cost of such work, and all costs incidental thereto, shall be included in the lump sum bid.

END OF SECTION