

GP 04-09-01	Site Preparation and Earthwork	July 2001
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Site Preparation and Earthwork

GP 04-09-01

Scope

- 1) [I] This Global Practice (GP) covers the requirements for site preparation, general earthwork, and preparation of tank subgrades, tank dikes and roadway subgrades. Requirements for dredging or land reclamation are not covered herein.
 - 2) [I] An asterisk (*) indicates that additional information from the Owner, or approval by the Owner is required.
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1. Required References

This Section lists Practices and Standards, Codes and Specifications that are referenced and assumed to be a part of this document. Unless otherwise specified herein, use the latest edition.

1.1. ASTM–American Society for Testing and Materials

ASTM D 1140	Standard Test Methods for Amount of Material in Soils Finer Than the No. 200 (75-Micrometer) Sieve
ASTM D 1556	Standard Test Method for Density and Unit Weight of Soil in Place by the Sand-Cone Method
ASTM D 1557	Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft ³ (2,700 kN-m/m ³))
ASTM D 2167	Standard Test Method for Density and Unit Weight of Soil in Place by the Rubber Balloon Method
ASTM D 2922	Standard Test Methods for Density of Soil and Soil-Aggregate in Place by Nuclear Methods (Shallow Depth)
ASTM D 2937	Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method
ASTM D 4253	Standard Test Methods for Maximum Index Density and Unit Weight of Soils Using a Vibratory Table
ASTM D 4254	Standard Test Methods for Minimum Index Density and Unit Weight of Soils and Calculation of Relative Density
ASTM D 4318	Standard Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index of Soils

2. Clearing, Grubbing, Drainage

- 1) * [I] Local regulations shall be consulted regarding whether testing of excavated material for contaminants is required before disposal. Disposal of contaminated material shall be in compliance with all applicable regulations and Owner requirements as specified.
- 2) * [R], [C] Clearing, at the specified work areas, shall include the removal of all trees, bushes, and other vegetation, to within 6 in. (150 mm) above the natural grade. It shall also include the removal of dense growth of ground plants, matted dead vegetation, and rubbish resting on natural grade.

Clearing shall also include the specified removal of any existing structures, foundations, buried service piping and conduits.

