

SECTION 210

OPEN AREA LAND LEVELING

210.1 GENERAL

Open area land leveling shall pertain to leveling of land for public works, park areas, ponding areas behind a dam, athletic fields, or future sites for public facilities. This section defines the requirements for land leveling.

210.2 REFERENCES

210.2.1 This publication:
SECTION 201 SECTION 205
SECTION 204 SECTION
1011

210.3 CONSTRUCTION DRAWINGS

The construction drawings for the project shall define the limit lines of the open area land leveling. Drawings shall also indicate the areas of cut and fill, and percent(s) of compaction required for parts or all of the area.

210.4 CLEARING AND GRUBBING

Clearing, grubbing, and tree removal for the designated open areas shall be completed in accordance with Section 201.

210.5 FILL CONSTRUCTION

Unsuitable on-site materials shall be removed and disposed of per direction of the ENGINEER. Holes, pits, or other depressions may be filled with on-site materials or with suitable borrow material. The fill and borrow construction work shall be accomplished in accordance with Sections 204 and 205.

210.6 GRADING CLASSIFICATIONS

210.6.1 Final grading operations in areas designated for Land Leveling shall comply with the following classifications, as specified on the plans:

210.6.1.1 ROUGH GRADING, when specified, shall produce reasonably uniform surface, free of major rutts, wind-rows and

undulations. Finish grades shall match plan grades or contours within $\pm 0.5'$.

210.6.1.2 FINE GRADING, when specified, shall produce a uniform ground surface, free of rutts, wind-rows and undulations. Finish grades shall closely match plan grades or contours within a tolerance of $\pm 0.1'$.

210.6.2 Section 1011 provides specifications for grading and soil preparation in areas specified to receive seeding or sod.

210.7 MEASUREMENT AND PAYMENT

210.7.1 Clearing and grubbing may be measured by the acre for only this operation or may be included in the overall land leveling work. Payment shall be made at the unit price per acre or as otherwise specified in the Bid Proposal.

210.7.2 Open area land leveling may include: clearing and grubbing, fill construction, removal, and disposal of unsuitable materials and providing suitable borrow material. All of this work may be combined into one unit and measured by the acre or in the case of a small site it may be measured as lump sum unit. Payment shall be made at the unit price per acre or lump sum, as specified in the Bid Proposal.

210.7.3 If each of the land leveling operations are to be considered separately, then the measurements and payments would be as follows:

210.7.3.1 Removal and disposal of unsuitable materials will be measured by the cubic yard, as determined by the cross-sectional site drawings. Payment shall be made at the unit price per cubic yard, as defined in the Bid Proposal.

210.7.3.2 Cut and fill operations may be measured by the acre or by the cubic yard, as determined by the cross-sectional site drawings. Payment shall be made at either the unit price per acre or unit price per cubic yard, as indicated in the Bid Proposal.

210.7.3.3 Borrow material shall be measured by the compacted cubic yards, as determined by the cross-sectional site drawings. Payment shall be made at the unit price per compacted cubic yard, as per Bid Proposal.

210.7.4 When select borrow material is required for seeding or sodding of the area, the measurement and payment will be defined in the landscaping section of the project specifications.