

1 LANDSCAPE GRADING

General: Landscape grading consist of fine grading within the development site to bring landscape areas to proposed grades and provide proper drainage, and placement of topsoil within planting beds as indicated on the plan and as directed by the Engineer.

It is the intent of the Department to utilize existing topsoil contained within the project limits, if approved, as the final soil layer in the planting areas on this project.

Material: If additional topsoil is needed beyond what can be obtained from the construction site, a sandy loam, silt loam or clay loam topsoil that contains a reasonable amount of humus material will be furnished. Topsoil will be of good texture, loose and friable and will be representative of topsoil in the general vicinity. It will be reasonably free from sod, hard lumps, subsoil, large roots, rocks and gravel, noxious weed seeds and/or toxic substances or other material, which would be harmful to plant growth. Stones and other foreign material 3" or larger in diameter shall be removed.

Topsoil when delivered to the job site will be approved by the Engineer prior to placement, whether or not the source of topsoil has been previously approved.

Fill material to bring stairway building site to finished grade will be as specified elsewhere.

Installation: Place topsoil fill and spread evenly to a depth of 8 inches or as directed by the Engineer, which after settlement, constitutes finish grade. Do not place topsoil when the ground is frozen, is excessively wet, or is in a condition that the soil cannot be worked easily and dressed smoothly. Compact fill material under sidewalks and concrete paving areas to a density equal to, or greater than, undisturbed soil in the area.

Compensation: 'Landscape Grading' will be paid for at the contract lump sum price for the work detailed in this section that has been successfully accomplished and accepted. Topsoil' will be paid for in the actual number of cubic yards of topsoil placed and accepted. Topsoil will be measured by truck measurement. Each truck will be measured and will have a legible identification mark indicating its capacity. Load each truck to at least its measured capacity at the time it arrives at the point of delivery. The recorded capacity will be adjusted by making a 25 percent deduction to allow for shrinkage, and the adjusted capacity will be the quantity to be paid for. Topsoil stripped, stockpiled and distributed from the stairway site will not qualify for compensation, only topsoil furnished from offsite sources will be compensated.

Such price and payment will be full compensation for furnishing, all labor, equipment and all incidentals necessary to complete the work satisfactorily.

Payment will be made under:

Landscape Grading **LS**
Topsoil **CY**