



**Office of Capital Planning
and Project Management**

DIVISION 31

EARTHWORK

This Article on Codes, Regulation and Standards shall apply
to all Divisions of the Building Standards

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31 00 00 EARTHWORK

- Existing topsoil shall be stripped and stockpiled separately from other soil for use in finish grading. Surplus topsoil shall be delivered to Grounds storage yard.
- Excavate subsoil and stockpile for reuse. Remove excess from site.
 1. Unless otherwise directed by the University, other surplus excavated material not of topsoil quality shall become the property of the contractor and shall be legally disposed of by the contractor outside University property.
 2. In the event that surplus earth not of topsoil quality is to be disposed of on University property, the specifications should indicate the maximum hauling distance plus control and grading provisions related to the on-campus disposal area. Contractors should be required to level or stockpile the dirt so that access for additional storage or for other purposes is maintained.
- No topsoil shall be spread on sub-grade until the sub-grade preparation has been approved by the A/E.
- Topsoil should be spread to a minimum of 12 inch thickness for lawn areas and 24 inches for planting beds with a tolerance of plus or minus 1 inch.
- Restore 50% of the undeveloped site area with particular emphasis on the use of native or suitably adapted plants.

31 10 00 SITE CLEARING

- All utility outages must be scheduled in advance so as not to interfere with University operations. The University must be notified at least two (2) weeks prior to removal of any work connected to utilities so that arrangements can be made for proper disconnection of such utilities.
- The A/E and the University's Representative will walk the project site to identify plant material to be removed or preserved. Material designated for preservation shall be shown on the contract documents to be protected by the designated contractor before performing any work on site.
- Existing valve boxes and manholes should be protected so they will not be crushed, buried with earth or covered with construction material and made inaccessible.
- Trees, shrubs and groundcover:
 1. Existing trees, shrubs and groundcover to be saved are to be protected from project work out to their drip lines. Trees shall be fenced with 6 foot high protective fencing installed in the ground to avoid trespass while shrubs shall be protected from falling debris. If plant material must be removed for the project, removal must be approved by the University.
 2. Trees immediately adjacent to any work shall have their limbs tied back for clearance. Contractor shall notify the University if pruning is needed for clearance before such pruning is done. Contractor to provide licensed arborist to perform all required pruning.
 3. Vehicles, equipment, and materials are not to be stored under drip lines. Travel under drip lines is not permitted except as necessary to perform the work. Travel under drip lines shall be allowed only with root protection conditions: Protect from root compaction, protect soil within drip line from compaction.
 4. Damage to plant material, either by removal, injury, or excessive pruning will be assessed for value loss and will be accountable by the contractor for the project. The "Guide for Establishing Values of Trees and Other Plants" by the International Society of Arboriculture, latest edition, will be used to establish such value. Any costs of repairs and replacements will be the sole responsibility of the contractor.

This section of the Building Standards establishes minimum requirements only.
It should not be used as a complete specification