

STATE UNIVERSITY CONSTRUCTION FUND

PROGRAM DIRECTIVES

DIRECTIVE 2-8

Issue date: July 2012

SEEDING AND PLANTINGS

1. General
 - a. This Directive outlines SUCF procedures and requirements for the design and maintenance of seeding and plantings (tree, shrubs, ground covers and vines).
 - b. The objective of design is to achieve a healthy and stable landscape compatible with customary campus maintenance and techniques.
2. Planning
 - a. The Consultant shall discuss with the Campus and the Fund the Campus' vocabulary and standards as they relate to seeding and plantings. The siting, design and selection of plant materials in particular shall be reviewed with the Campus as it relates to native materials, preferences, availability, sustainable design and maintenance.
 - b. Specific seed mixtures, use of sod, hydroseed and other methods shall be reviewed with the Campus.
 - c. Edging and surface treatment within tree wells and planting beds should be clearly specified and shall be reviewed with the Campus.
3. Procedures - Technical Specifications
 - a. The following criteria on maintenance for projects involving topsoil, seeding and the planting of trees, shrubs, ground covers and vines are to be included in the specifications drawn up by the Landscape Architect, with due adjustment for variations in the scope of projects and geographical factors.
 - b. Schedule Proposal: The Contractor shall submit to the Consultant for approval, his proposed schedule for satisfying the maintenance requirements (equipment, personnel, materials) during the specified period, and shall include the following items:
 - (1) Plant Maintenance:
 - (a) Field Inspection: A field inspection for compliance and review shall be held bi-weekly during each growing season, and each

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month for the remainder of the period, by the Consultant, Contractor and a representative of SUCF. The inspection shall be coordinated with the activities listed below.

- (b) **Watering:** Watering shall be accomplished by either natural or artificial means. During the growing season (approximately April 1 to October 31), the minimum application shall be equal to the five (5) gallons per square yard or one inch layer of water per plant pit or over bed areas per week. The source of water during maintenance and warranty periods shall be listed in the general specifications.
- (c) **Control of Insects, Fungus and Other Diseases:** Control of insects, fungus and other diseases shall be accomplished by means of spraying with a specified insecticide or fungicide through a comprehensive, defined program. All insecticides, pesticides and fungicides shall be approved by the Campus prior to application.
- (d) **Adjustment and Repair of Stakes, Anchors and Wires:** If any tree, shrub or plant moves from its proper elevation or position, it shall be shifted or raised to the proper level and not merely filled in with additional topsoil, or pulled into proper position by guy or stake wires.
- (e) **Pruning:** Pruning as required for common maintenance is to be by a trained horticulturist in accordance with the Specifications or the direction of the Landscape Architect.
- (f) **Watering Saucers and Mulch:** Watering saucers and mulch will be maintained for the duration of the maintenance period and then removed.
- (g) **Refertilization:** Refertilization rates shall be provided in specifications.
- (h) **Weeding:** The complete removal of weeds from within the mulched area around each tree and in each shrub or vine bed, shall be done every two weeks during the growing season.

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(2) Seeding Maintenance

- (a) Maintenance: Begin maintenance immediately after seed placement. Maintain lawns by fertilizing, weeding, mowing, trimming and other operations such as rolling, regarding and replanting as required to establish a smooth, acceptable lawn, free of eroded or bare areas.
- (b) Water: Keep soil moist during seed germination period. Supplement rainfall to produce a total depth penetration of 2" per day after germination.
- (c) Mowing: When grass reaches 4 inches in height, mow to approximately 2-1/2" in height. Remove and dispose of grass clippings.
- (d) Reseed: Reseed and mulch spots larger than 1 square foot not having uniform coverage

(3) Replacement and Restoration

- (a) Replacement Requirements: For the one-year maintenance period after SUCF final acceptance of all planting, and at no additional cost to SUCF, the Contractor is to replace any seeding, trees, shrubs or vines that are dead or that are, in the opinion of the Landscape Architect, in an unhealthy or unsightly condition, or that have lost their natural shape due to dead branches, excessive pruning, or inadequate or improper maintenance. All replacement planting is to be done no later than the next succeeding (or as originally specified) planting season after receipt of the Landscape Architect's instructions.
- (b) Replacement of planting is to be in accordance with the original specifications and its costs considered to be included in the bid price.
- (c) At the completion of the maintenance period, all tree wrappings, stakes, guywires, watering saucers, etc., shall be removed by the Contractor unless otherwise directed in writing by the Landscape Architect.

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