

I.4 COORDINATION A. Planting Restrictions: Plant during one of the following periods.

1. Spring Planting: April 15 - June 15. 2. Fall Planting: August 15 - October 15.

3. No planting shall be done in frozen ground, when snow covers ground or when site is muddy.

I. The exact location of all existing and proposed underground and overhead utilities shall be verified by the Contractor and he shall conduct his work so as to prevent interruption of service and damage to any system.

2. Should the Contractor damage any utility during his work, he shall replace and/or repair the utility as it existed prior to the damage at his own expense.

1.5 PLANT MAINTENANCE PERIOD

A. Contractor's Maintenance: Contractor's responsibility to plant maintenance under this section shall commence when work is begun and continue until Substantial Completion Acceptance of the construction project. Maintenance shall include all necessary watering, cultivating, fertilizing, weeding, pruning, wound dressing, disease and insect control, protective spraying, replacement of unacceptable material, straightening plants which lean or sag, adjustment of any plants which settle or are planted too low, and other procedures consistent with good horticultural practices which are necessary to insure normal, vigorous and healthy growth of all work under this contract.

2. Contractor shall supply to Landscape Architect a comprehensive maintenance program for all new plant materials on the site for the Owner's use. It should indicate such areas as, fertilizing, pruning, wound dressing, insect control, watering and general care necessary to insure survival of the material and good healthy plants.

I.6 CONTRACTOR'S GUARANTEE PERIOD

A. Planting work shall be guaranteed for one (1) year from date of Substantial Completion. Replacement plants are guaranteed one year from their planting date.

B. After Substantial Completion Acceptance of the construction project, if the Contractor is not responsible for maintenance because the Owner has taken-over this task, he is responsible to see that a proper maintenance program is being undertaken. The Contractor should make periodic site visits to insure that the Owner is supplying proper care for plant materials. Notify Landscape Architect in writing of observations within seven days of site visit.

. Should the Contractor not follow through on his inspection visits, and plant material dies due to lack of maintenance by the Owner, the Contractor could be held responsible and replacements made at his expense. It is his responsibility to advise the Landscape Architect of conditions that may affect his plant materials, and the guarantee. This will be in effect for the full one year plant guarantee.

PART 2 - PRODUCTS

2.1 TREE AND SHRUB MATERIAL

A. General: Furnish nursery-grown trees and shrubs complying with ANSI Z6O.I.

B. If formal arrangements or consecutive order of trees or shrubs is shown, select stock for uniform height and spread, and number label to assure symmetry in planting.

2.2 SHADE AND FLOWERING TREES

A. Shade Trees: Single-stem trees with straight trunk, well-balanced crown, and intact leader, of height and caliper indicated, complying B. Multistem Theesi. Branched or pruned naturally according to species and type, with relationship of caliper, height, and

branching according to ANSI Z601

2.3 CONIFEROUS EVERGREENS A. Form and Size Normal-quality, well-calanced, conferous evergreens, of type, height, spread, and shape required, complying

A. Form and Size: Deciduous shrubs with not less than the minimum number of canes required by and measured according to ANSI Z60.1.

A. Ground Cover: Provide ground cover of species indicated, established and well rooted in pots or similar containers, and complying

with ANSI Z60.!.

2.6 PERENNIALS: Frovide healthy, field-grown plants from a commercial nursery, of species and variety shown or listed.

A. Slow-Release Fertllizer: Granular or pelleted fertilizer consisting of 50 percent water-insoluble nitrogen, phosphorus, and potassium

1. Composition: Nitrogen, phosphorous, and potassium in amounts recommended in soil reports from a qualified soil-testing agency.

A. Recycled Dry-Wall Lime: Paper Backing removed, finely ground, containing a minimum of 90 percent calcium sulface.

A. Organic Mulch: Free from deleterious materials and suitable as a top dressing of trees and shrubs, consisting of one of the

Type: Shredded hardwood. 2. Type: Finely shredded recycled, non pressure treated lumber from construction waste. Shall not contain nalls, staples, plastics,

stains, chemicals, or hardware.

A. Bamboo Stakes: Rough-sawn, sound, new wood, free of cracks, splits, holes, and other defects, 1-1/4" DIA. by length indicated, pointed at one end.

B. Organic Twine or equal: ½" - %" diameter, soft cotton, 900 lb break strength. Loosly tied around bamboo staking at trunk of tree.

A. Planting Soll Mix: Mix topsoil with the following soil amendments and fertilizers in the following quantities:

For tree planting pits use Planting Soil "A".

A. Planting Soil "A" shall be a mixture of the following materials in quantities specified: one part loam, and one part soil from the hole. It will have a PH factor between 5.5 and 7.0. In holes which were in rock, replace rock with topsoil.

2. Pit planted shrubs shall receive the same soil mix as trees. Use Planting Soil "A". In holes which where in rock, replace rock

3. For shrub beds and flower beds, use Planting Soil "B". A. Planting Soil "B" shall be mixture of: one part humus, five parts loam. It will have a PH factor between 6.0 and 7.0.

PART 3 - EXECUTION

A. Examine areas to receive exterior plants for compliance with requirements and conditions affecting installation and performance.

3.2 PREPARATION A. Lay out individual tree shrub and plant locations and areas for multiple exterior plantings. Stake locations, outline areas, adjust locations when requested, and obtain Landscape Architect's acceptance of layout before planting. Make minor adjustments as

3.3 PLANTING BED ESTABLISHMENT

A. Loosen subgrade of planting beds to a minimum depth as follows:

Depth of Planting Soil Mix For Flowers and Ground Cover Beds 6" Deep for entire bed 12" Deep for entire bed For Shrubbery Plant Beds

12" Deep by 2.5 time ball dia. 1. Thoroughly blend planting soil mix off-site before spreading or spread topsoil, apply soil amendments and fertilizer on surface, and thoroughly blend planting soil mix. a. Delay mixing fertilizer with planting soil if planting will not proceed within a few days.

b. Mix lime with dry soil before mixing fertilizer.

3.4 TREE AND SHRUB EXCAVATION A. Scarify sides of plant pit smeared or smoothed during excavation.

B. Drainage: Notify Landscape Architect if subsoil conditions evidence unexpected water seepage or retention in tree or shrub pits.

C. Fill excavations with water and allow to percolate away before positioning trees and shrubs.

A. Set balled and burlapped stock plumb and in center of pit or trench with top of root ball 2~4" above adjacent finish grades per drawing requirements.

3.6 GUYING AND STAKING

A. Stake per drawing requirements.

3.7 GROUND COVER AND PLANTING A. Water thoroughly after planting, taking care not to cover plant crowns with wet soil.

3.8 PLANTING BED MULCHING A. Mulch backfilled surfaces of planting beds and other areas indicated.

1. Organic Mulch: Apply 3-inch (75-mm) average thickness of organic mulch, and finish level with adjacent finish grades. Do not place mulch against plant stems.

3.9 CLEANUP AND PROTECTION A. During exterior planting, keep adjacent pavings and construction clean and work area in an orderly condition.

A. Contractor shall notify the Owner and Landscape Architect upon completion of guarantee. Contractor shall request final inspection

prior to end of guarantee period.

B. Should any plant material be dead, or in an unhealthy state of growth as determined by the Landscape Architect at the end of the one year period, Contractor shall make all work acceptable and request a reinspection by the Owner and Landscape Architect. Any replaced plant material is guaranteed one year from the replacement plants' planting date.

END OF SECTION 02930



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21 DEC, 2006

Date: 12/21/06 Scale: 1"=30'-0" Revisions: 2/14/07

Project No. 0647.01