



SECTION 808

PLANTING TREES, SHRUBS AND OTHER PLANTS

808.1 Description. This work shall consist of furnishing and planting material in the locations shown on the plans or as directed by the engineer.

808.2 Material.

808.2.1 Plants.

808.2.1.1 Trees, shrubs and other plants shall be nursery stock and shall be true to type and name in accordance with the current edition of *Standardized Plant Names* published by the American Joint Committee on Horticultural Nomenclature. The plants shall have well developed branch systems and vigorous healthy root systems. All stock shall be well formed and the trunks of trees shall be uniform. The plants shall be free from insects, disease and defects such as knots, sun-scald, injuries, serious abrasions of the bark or objectionable disfigurements. Thin, weak plants will not be accepted. All nursery stock shall qualify under the AAN Horticultural Standards of the current American Standard for Nursery Stock, ANSI Z 60.1. Substitution of plant stock or other material will not be permitted except with approval from the engineer.

808.2.1.2 All measurements for height, spread, branching, caliber and root spread or ball size shall be as specified in the current AAN American Standard for Nursery Stock, ANSI Z 60.1. Acceptance of plant material will be made only at the planting site following the completion of the planting work, except that acceptance for height, spread and number of branches will be made before pruning the plant. Each shipment shall be accompanied by an invoice showing sizes and varieties of material and ANSI Z 60.1 certification.

808.2.1.3 All plant stock shall be certified free of insects and disease by the Missouri Department of Agriculture.

808.2.1.4 All bare root stock shall be dug and packed with care to avoid injury to or removal of roots. Each variety shall be packed in separate bundles. Each bundle shall be clearly labeled. Roots shall be protected with wet straw, moss or other material such that the plants arrive with roots in a moist and healthy condition.

808.2.1.5 Plants specified by ball diameter shall be balled and wrapped and shall be lifted from the ground in such a manner as to retain as many roots as possible. Such plants shall be dug and transported such as to provide and retain a firm ball of the original soil. The ball shall be wrapped with burlap or other approved material and securely tied to keep the ball firm and intact. Balls shall be adequately protected from rain or sudden changes in weather. Trees or other plants will not be accepted if the balls of earth are loosened or broken.

808.2.1.6 Plants specified as container-grown shall have grown in that container sufficiently long for new fibrous roots to have developed such that the root mass will retain its shape and hold together when removed from the container, however, the root mass shall not have grown in the container long enough to have become pot bound. The container shall be sufficiently

rigid to hold the ball shape protecting the root mass during shipping. The containers of all container grown plants shall be removed just prior to planting.

808.3 Construction Requirements.

808.3.1 Planting Dates. Planting shall be performed during either the fall phase or the spring phase or both, as specified in the contract. The beginning dates specified in the contract for the respective phases will be the date to begin work days for the planting in that phase.

808.4 Care and Replacement.

808.4.1 The contractor shall be responsible for the proper care of all plants until final inspection and acceptance of the plants has been made by the engineer.

808.4.2 Any plant that, in the judgment of the engineer, is not in a healthy growing condition at the time of final plant inspection shall be replaced by the contractor, at the contractor's expense, in accordance with the original specifications, except that additional peat moss will not be required for the backfill material. No maintenance will be required for those plants replaced under this replacement specification.

808.4.3 Final Plant Inspection. The final inspection of plants will be made as soon as practical after August 15. Plants not accepted at the time of final plant inspection will be marked and shall be replaced in the fall in accordance with the dates specified in the contract. The contractor will be relieved of all further responsibility for plants that are accepted at the time of final plant inspection.

808.5 Method of Payment. From the total amount of work items and material allowances of each biweekly estimate, there will be deducted 25 percent to be retained until final acceptance.

808.6 Basis of Payment. The accepted quantities of plants, complete in place, will be paid for at the contract unit price for each plant of the type, species and size required by the contract. No direct payment will be made for incidental items such as supporting posts, mulch, peat moss, edging and water necessary for this work.