

SECTION 02487 - SODDING

PART 1 - GENERAL

1.1 DESCRIPTION

- A. Provide sodded lawns as specified. The work includes:
 - a. Soil preparation.
 - b. Sodding lawns and other indicated areas.
 - c. Maintenance.

1.2 RELATED WORK

- A. Section 02200: Earthwork.
- B. Section 02441: Irrigation system.
- C. Section 02485: Seeding.
- D. Section 02490: Trees, Plants, and Ground Covers

1.3 QUALITY ASSURANCE

- A. Sod: Comply with American Sod Producers Association (ASPA) classes of sod materials.

1.4 SUBMITTALS

- A. Submit inspection certificate required by State and Federal authorities.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Cut, deliver, and install sod within a 24-hour period. Do not harvest or transport sod when moisture content may be adversely affect sod survival. Protect sod from sun, wind, and dehydration prior to installation. Do not tear, stretch, or drop sod during handling and installation.

1.6 PROJECT CONDITIONS

- A. Work notification: Notify Landscape Architect at least 1 working day prior to start of sod operations.
- B. Protect existing utilities, paving, and other facilities from damage caused by sodding operations.
- C. Perform sodding only after planting and other work affecting ground surface is completed. Restrict traffic from lawn areas until grass is established. Erect signs and barriers as required.
- D. Provide hose and watering equipment as necessary. If an irrigation system is to be installed, it will be done prior to sodding. Locate, protect and maintain the irrigation system during sodding operations. Repair irrigation components damaged by sodding operations.

1.7 WARRANTY

- A. Provide a uniform stand of grass by watering, mowing, and maintaining lawn areas until final acceptance. Resod areas, with specified materials, which fail to provide a uniform stand of grass.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Sod : An approved farm grown sod composed of Centipedegrass, free of weeds.
- B. Provide well rooted, healthy sod, at least one growing season old, free of diseases, nematodes, and soil borne insects. Provide sod uniform in color, leaf texture, density, free of thatch and extraneous material, and capable of growth and development when planted.
- C. Furnish sod machine stripped in supplier's standard width, length, and 1" in thickness. Mow before cutting.
- D. Provide 1" x 2" x 8" untreated pine stakes as called for hereinafter.

PART 3 - EXECUTION

3.1 INSPECTION

- A. Examine finished surfaces, grades, topsoil quality and depth. Do not begin before unsatisfactory conditions are corrected.

3.2 PREPARATION

- A. Limit preparation to areas which will be immediately sodded. Loosen topsoil to a minimum depth of 3". Remove stones over 1" in size and sticks, rubbish and extraneous matter. Rake lawn areas to smooth, free draining surfaces with a loose uniformly fine texture. Remove ridges and fill depressions as required to drain.

3.3 INSTALLATION

- A. Lay sod to form a solid mass with tightly fitted joints. Butt ends and sides of sod strips. Do not overlay edges. Stagger strips to offset joints in adjacent courses. Provide sod pad flush with adjacent pavement and drains.
- B. Install initial row in a straight line, beginning at the bottom of slopes perpendicular to the direction of slope. Place subsequent rows parallel to and lightly against previous row.
- C. Top-dress with topsoil if required by Landscape Architect. Peg sod on slopes greater than 3 to 1 at 2 stakes per square yard of sod. Water thoroughly immediately after laying. Roll with lawn roller to insure contact with the ground.

3.4 MAINTENANCE

- A. Maintain sodded lawns until acceptance of the entire project. Maintenance includes watering, weeding, mowing, application of fungicides and pesticides, and resodding until a full, uniform stand of grass free of weeds, disease and insects is achieved.
- B. Water thoroughly every 2 to 3 days as required to establish vigorous rooting. Repair, rework, and resod all areas that have washed out or eroded.
- C. Mow lawn areas when grass height reaches 3". Cut to a height of 2".

3.5 ACCEPTANCE

- A. Inspection to determine acceptance of sodded lawns will be made by the Landscape Architect upon Contractor's request. Provide at least 3 working days notice. Sodded areas will be acceptable provided all requirements including maintenance have been complied with and a healthy, even colored, viable lawn is established, free of weeds, undesirable grasses, disease, and insects.
- B. Upon acceptance of the project, the Owner will assume lawn maintenance.

3.6 CLEANING

- A. Perform cleaning during installation of the work and upon completion of the work. Remove from the site all excess materials, debris, and equipment. Repair damage resulting from sodding operations.

END OF SECTION