

SECTION 32 92 23 SODDING

PART 1 GENERAL

1.1 DESCRIPTION

- A. Work to include:
 - 1. Preparation of soil, fine grading and placing of topsoil if required.
 - 2. Fertilizing, sod installation and maintenance.
 - 3. Limits of areas to be sodded are shown on plans.
- B. Related work in other sections:
 - 1. Section 32 93 00: Plant Materials and Installation

1.2 REFERENCES

- A. ASPA (American Sod Producers Association) - Guideline Specifications to Sodding.

1.3 DEFINITIONS

- A. Weeds: Includes Dandelion, Jimsonweed, Quackgrass, Horsetail, Morning Glory, Rush Grass, Mustard, Lambsquarter, Chickweed, Cress, Crabgrass, Canadian Thistle Nutgrass, Poison Oak, Blackberry, Tansy Ragwort, Johnson Grass, Poison Ivy, Nut Sedge, Nimble Will, Bindweed, Bent Grass, Wild Garlic, Perennial Sorrel and Brome Grass.

1.4 QUALITY ASSURANCE

- A. Sod: Sod shall have sufficient root development to support its own weight without tearing when suspended vertically by holding the upper two corners, free of weeds and undesirable native grasses.

1.5 WARRANTY / ACCEPTANCE

- A. Complete installation shall be guaranteed by the installer against defects of material and workmanship, for a period of thirty days, beginning with the date of substantial completion.
- B. It is the responsibility of the installer to establish a dense lawn of permanent grasses as specified.
- C. All sodded areas shall have no unacceptable cover. All lawn areas are to have a smooth even finished surface with no depressions, uneven areas, or open joints. Bare spots and uneven areas shall be re-sodded to meet original specifications and have a new 30-day warranty.
- D. Inspection: once all sodding is complete and in accordance with specifications, notify Owner's Representative for inspection. Make requested repairs, including repairing grade and topdressing joints.

1.6 MAINTENANCE SERVICE

- A. Maintain installed sod areas until final acceptance. Maintenance shall include mowing, edging, watering, fertilizing and weed treatment as specified to keep the turf grass healthy.

PART 2 PRODUCTS

2.1 MATERIALS

- A. Sod: ASPA approved, nursery grown,
 - 1. **'Tifway 419' Bermuda grass (Cynodon dactylon 'Tifway 419')** with strong fibrous root system capable of growth and development when planted; free of stones, burned or bare spots; containing no more than ten (10) weeds per one hundred (100) square feet.

PART 3 EXECUTION

3.1 INSPECTION

- A. Verify that prepared soil base is ready to receive the work of this section.
- B. By beginning installation, the installer accepts existing site conditions. Confirm with General Contractor that all below-ground utility work is complete.

3.2 PREPARATION

- A. Scarify subsoil where topsoil is required. Repeat cultivation in areas where equipment used for hauling and spreading topsoil has compacted subsoil.
- B. Perform soil core tests to ensure soil pH is at 6.0 – 6.5 prior to laying sod. If soil is not within the required pH range, apply sulfur or lime as recommended to obtain required pH level. Follow recommendations given by soil testing lab.
- C. Place topsoil during dry weather and on dry unfrozen sub-grade.
- D. Remove vegetable matter and foreign non-organic material larger than ½” prior to sodding.
- E. Grade to eliminate rough, low or soft areas, and to ensure positive drainage.
- F. All lawn areas are to be graded to smooth even surface free of bumps and depressions, with loose uniformly fine texture and 1” (inch) below adjoining sidewalks, curbs and other paved surfaces.

3.3 FERTILIZING

- A. Apply fertilizer prior to sodding operations. Apply a 10-20-10 fertilizer at a rate of 5 lbs. per 1000 SF of lawn area.
- B. Limits of sod are shown on plans.

3.4 LAYING SOD

- A. Moisten prepared surface immediately prior to laying sod. Lay sod within twenty-four (24) hours after harvesting to prevent deterioration.
- B. Lay sod tight with no open joints visible and no overlapping.
- C. After sodding, roll with commercial lawn roller to ensure good bond between sod and soil and to remove minor depressions and irregularities. Fix any deficiencies found from rolling immediately before sod roots to soil.
- D. Water sodded areas immediately after installation and rolling. Saturate soil to a depth of four (4) inches. Utilize automatic irrigation system.

3.5 SEEDING

Not included in this specification.

3.6 MAINTENANCE

- A. Water to prevent grass and soil from drying out.
- B. Control growth of weeds. Apply herbicides in accordance with manufacturer's instructions. Remedy damage resulting from improper use of herbicides.

- C. Immediately replace sod in areas which show deterioration or bare spots to establish a smooth acceptable lawn, free of eroded or bare areas. Repair eroded soil as necessary.
- D. Repair or replant areas that have been damaged or trampled from other construction activities.
- E. Mow turf when grass reaches a height of 3". Mowing height to be 2". Edge trim all walks and curbs as needed until final acceptance.

END OF SECTION