

## SECTION 32 92 23 – SODDED TURF INSTALLATION

---

### PART 1 GENERAL

1.01 REFER TO SECTION 01000 FOR GENERAL REQUIREMENTS.

#### 1.02 APPLICABLE PUBLICATIONS

A. American Sod Producers Association, Inc. (ASPA) Publication:

1. Guideline Specifications to Sodding (Undated).

#### 1.03 WORK SPECIFIED HEREIN

This section describes the labor, materials and installation requirements necessary to complete the sodded turf planting and related items as indicated or specified.

#### 1.05 DELIVERY, STORAGE, AND ACCEPTABILITY

- A. All sod shall be reviewed by the University representative prior to installation. University representative reserves the right to refuse any sod he deems unacceptable.
- B. During delivery, sod materials shall be protected from any drying or contamination by detrimental material.
- C. Sod shall be sprinkled with water and covered with moist burlap, straw, or other approved covering and protected from exposure to wind and direct sunlight. Covering shall be such that air can circulate and heating will not develop.

#### 1.06 HANDLING

- A. Sod shall not be dropped or dumped from vehicles.

#### 1.07 JOB CONDITIONS

- A. The sod areas will be free of waste or debris developed by other trades. Any discrepancy from such conditions shall be reported to the University representative before beginning construction.

#### 1.08 GRADING

- A. Contractor shall grade all sod areas as noted on drawings.
- B. Contractor shall fine grade all turf areas eliminating rough or low areas to ensure positive drainage.
- C. Any other areas not covered specifically above shall be graded to leave a generally smooth appearance conforming to standard landscape practices defined as: The final surface shall be raked; all objectionable materials, trash, brush, weeds, and stones larger than one (1) inch shall be removed from the site and disposed of properly off base.

#### 1.09 PLANTING SEASON

- A. The planting of sod shall be performed during the following timeframe: March to October.

## **PART 2 PRODUCTS**

### **2.01 COMMERCIAL FERTILIZERS**

- A. Ground ferrous sulfate containing not less than 20% iron and not less than 30% sulphur as manufactured by Duvall or an approved equal.
- B. Ammonium phosphate 16-20-0.

### **2.02 ORGANIC AMENDMENTS**

- A. Mulch shall be approved nitrogenized cypress or fir bark mulch with no color additive.

### **2.03 LANDSCAPE SUPPLIES**

- A. Lawn headers, if any, shall be as noted and detailed in drawings.

### **2.04 HERBICIDE**

- A. Contact herbicide shall be Round-Up as manufactured by Monsanto, or approved equal.

### **2.05 MATERIAL**

- A. Sod type to be a blend of at least 3 varieties of turf-type tall fescue, no bluegrass or ryegrass unless otherwise specified on drawings.
- B. Sod shall be field-grown in same climatic conditions as that of the project site.
- C. Sod shall be strongly rooted, not less than two (2) years old, free of weeds and undesirable native grasses. Sod must be capable of growth and development when planted. Sod strips to be not more than fifteen (15) inches wide by four (4) feet long, and not less than 1.5 inch soil thickness. Sod type to be as noted in drawings.
- D. Sod is to have no netting or other manufactured binders in it.

## **PART 3 EXECUTION**

### **3.01 SITE PREPARATION**

- A. Prepare site by applying Round-Up as per label directions to weed growth on site. Allowing sufficient time for herbicide to take effect, scarify planting areas to a minimum depth of six (6) inches. Float beds to grade and rake to remove weeds, clods, or rocks one inch in diameter or greater. Thoroughly water-settle all soil.
- B. Work shall be performed only during periods when beneficial results are likely to be obtained.
- C. Sodded lawn areas shall be receive eight (8) pounds of ammonium phosphate, three (3) cubic yards of mulch, and six (6) pounds of ground ferrous sulfate evenly incorporated into the soil per thousand square feet (1000 SF) prior to planting. These areas shall be rolled to remove all potential and actual air pockets in the soil prior to planting.
- D. Immediately prior to sodding, all areas to be sodded shall be watered, wetting the soil to a depth of 4 inches.

### **3.02 INSTALLATION**

- A. Sodding shall be accomplished in accordance with the ASPA Guideline Specifications to Sodding.

- B. Sodding shall not occur when soil is muddy or frozen.
- C. Sod shall be laid with closely fitted joints, and ends of the strips shall be staggered.
- D. On irregular-shaped areas, sod shall be laid in both directions from the longest straight line that can be drawn through the area.
- E. Additionally, sod shall be laid at right angles to slopes or the flow of water. On slope areas, sodding shall be started at the bottom of the slope.
- F. Sod shall be rolled with a minimum 300 pound roller after an initial watering to eliminate irregularities. CAUTION: Immediate initial watering is very important to sod survival.
- G. Do not over-irrigate, creating a spongy condition for roller. After rolling, water thoroughly to penetrate subsoil at least 8" to 10".
- H. Repeat watering at regular intervals to keep sod moist at all times until rooted.

### 3.03 CLEAN-UP

- A. Remove all waste and debris; clean all pavement of soil and mulch created by operations in this scope of work from site.

### 3.04 SEE SECTION 02970 FOR ESTABLISHMENT SPECIFICATIONS.

END OF SECTION 32 92 23