





---

## **320 00 PLANTING**

### **I. General Overview**

#### **A. Planning**

1. SHSU Landscape Services will be involved in the planning process for any campus landscape.
2. All outside landscape planners and architects shall visit and observe the SHSU campus prior to any design.

#### **B. Final Grading**

1. Terrace any slopes greater than 30% or build a retaining.

#### **C. Soil**

1. Conduct multiple soil tests at each site to determine the following soil characteristics:
  - a. Plasticity Index
  - b. Soil pH
  - c. Soil Texture
  - d. % Organic Matter
  - e. All Macro and Micro Nutrients
  - f. Percolation Rate
  - g. Conductivity

2. Planting area soil backfill shall be a mixture of  $\frac{3}{4}$  sandy loam and  $\frac{1}{4}$  compost.

#### **D. Chemicals and Fertilizers**

1. SHSU Landscape Services must approve insecticides and herbicides before application. Submit accurate records to SHSU Landscape Services containing target organism, rate, method, applicators license number and name.

#### **E. Plant Materials**

1. All plant materials installed on campus will be subject to inspection by SHSU Landscape Services. Detailed plant material standards are in the sections for turf, ornamental planting and trees. Any plant material not complying with these standards will be rejected.

#### **F. Mulch**

1. The recommended mulch for campus is coarse shredded/chipped woody materials and pine straw.
2. 2" is the minimum allowed mulch thickness.



---

2. **Critical Root Zones (CRZ)**

- a. Each protected tree on a project site will have a CRZ that extends 1' radially from the center of the tree trunk for every inch of tree diameter at 4.5' (DBH). For example, a tree with a 10" DBH would have CRZ that extends 10' radially in all directions from the tree trunk.
- b. The minimum CRZ for any campus tree is 6' from the trunk.

---

2. Root Pruning

- a. ~~Head 1.0000 Tc 1.0000 Tw 0.760~~ ~~12 -0 0 12 115.44-37 ( -.)Tj64~~ ~~AbTc 0 Tw 0.76 0~~