

32 shall be based on landscape services.

- b** All irrigation controllers shall be a Calsense ET2000e LR, RRe, -F, with TP boards and radio frequency of 452.6875.

2. Electric Control Valves
 - a. Only Toro and Hunter valves shall be installed.
3. Quick Coupling Valve
 - a. Qves smaller than 2".
 - d. 17x30 boxes shall be used for valves larger than 2".
 - e. Valve cover boxes shall have locking covers with the following colors: purple for non-potable, black in mulched beds and green in turf areas.
5. Wiring
 - a. All wiring in-between the automatic controllers and the electric valves shall be #14 direct bury copper wire AWG-U.F. 30 volt.
 - b. Common wires shall be white with different colors for each controller.
 - c. Bury one additional wire from each controller to the farthest valve in each direction. This wire shall be different color from the other controller and common wires.
 - d. The wiring shall be buried in the same trench as the supply or lateral lines when possible.
 - e. When one or more wires are placed in a trench the wiring will be taped together every 10'.
 - f. Control wire splices shall be with 3M-DBY or equivalent direct bury splice kits.
 - g. Each valve shall have an individual wire to the controller. Connecting multiple valves on a single wire is not permitted.
6. Heads and Nozzles
 - a. All nozzles shall be the same size, type and apply the same rate and spread of water as indicated in the landscape plans.

b.

II. Turf

A. Materials

1. Acceptable Sod Types

- a. St. Augustine is the primary sod for the SHSU campus.
- b. Bermuda grass shall be installed on fields and non-irrigated areas.
- c. Sod shall be of certified stock.

2. Sod shall be uniformly mowed at a min. of 1.5” and a max. of 2.5”.

B. Installation

1.

**SAM HOUSTON STATE UNIVERSITY
DIVISION 32 EXTERIOR IMPROVEMENTS**

