

**TECHNICAL SPECIFICATION 125
ROOT CONTROL SYSTEM**

125.1 SCOPE OF WORK

This section covers the furnishing of all labor, materials, testing, submittals, tools, and equipment necessary to install a root control system in accordance with the details shown on the plans or as directed by the Engineer.

125.2 MATERIALS

Materials for this section shall be 12" width Typar Bio Barrier or approved equivalent.

125.3 SUBMITTALS

The following submittals shall be submitted to the Engineer for review and approval prior to installation:

- Manufacturer(s) cut sheet(s) of barrier materials

125.4 CONSTRUCTION METHODS

Using a root pruner, cut the existing roots that extend into the proposed excavation area along the drip line of the tree. Alternatively, using ditch/trench digging equipment, cut a trench 2 to 4 inches wide along the drip line. Insert Bio Barrier vertically into trench at right angles to anticipated direction of tree root growth. Use spikes, large nails, or sod staples to hold fabric in place 1 inch below surface line. All seams shall overlap at least 6 inches. Backfill and tamp in soil making sure Bio Barrier is held securely in place. Care should be taken to follow the manufacturer's directions in the proper use and handling of this material.

125.5 MEASUREMENT

Measurement for this item will be based on the number of linear feet of root control system installed and accepted in place.

125.6 PAYMENT

Payment for this item will be based on the unit price per Linear Foot of root control system including all labor, materials, testing, submittals, tools, and equipment necessary to complete the work as specified.

PAY ITEM	PAY UNIT
Root Control System	L.F.