

Garden Street Live Oak Report



Garden St Island Jefferson/Brue St

The Live oak, *Quercus virginiana*, located in the center island median of Garden Street and Brue Street, is a 34-inch dbh heritage oak. The current decline in tree health and vigor is directly related to the 2 to 3-feet of excessive soil accumulation at the lower trunk. To enable this tree to regain health and vigor this excessive soil needs to be removed. Once the primary issue of soil has been addressed, the tree may be pruned to remove any vines and dead limbs that have accumulated through the tree crown.

Objective: removal of excessive soil and debris accumulation at tree trunk base. Soil and debris shall be removed to expose the trunk flare and root/trunk interphase. Prune Tree Crown to remove dead diseased or damaged limbs and branches greater than 1-inch diameter throughout tree crown.

Specifications: remove excessive soil with the use of an air excavation device/air excavator, to remove soil and accumulated debris from the lower trunk area until the trunk/root interphase has been exposed and identified.

Remove any adventitious rooting that has developed within the excessive soil and debris and prune any crossing or circling roots exposed.

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Provide vertical mulching under the tree crown, 100 to 150, holes 5 to 6-inches diameter, 6 to 9-inches deep, between 2 to 3-feet apart, with holes filled with biochar or suitable organic material to improve tree vigor and reduce compaction within the critical root zone.

Prune Tree Crown to remove dead diseased or damaged limbs and branches greater than 1-inch diameter throughout tree crown.

Reduce over-extended limb and branches that have grown over Garden Street to provide 16 to 18-feet elevation over roadway.

Remove all debris and excessive soil from site and restore current landscape onsite. All work shall conform to all ANSI A300 and Z133 work and safety standards.