

January 15, 2016

Minor revisions 5/17/16 adding both botanical and common names

TREE MITIGATION PLAN

95-99 Elmwood Street Residential Development

Tree Survey

Existing Trees on the Project Site subject to Ordinance:

Currently, there is one *Ulmus parvifolia* (Chinese Elm) stump with two 5" stump sprouts growing through and within a chain link fence along the west property line. This tree stump will be removed.

Total 10 caliper inches

Existing Street Trees Adjacent to the Project Site:

There are a number of trees along the east edge of the public walk that may be impacted by the development. Starting at the north, there is an 8" *Acer platanoides* (Norway Maple) near the port-a-pottie in fair condition that can be protected during construction.

About 12' north of the obtuse corner of the existing building is a 6" dia. *Juniperus virginiana* (Red Cedar); seven 4-7" *Juniperus virginiana* (Red Cedar) are located about 2' from the building wall, spaced about 5' o.c. All these Red Cedars are in fair condition. The six trees adjacent to the building wall will be damaged by construction. If permission is granted, we propose to remove all eight trees and replace them with deciduous trees. Total 45 diameter inches.

12' south of the south corner of the building is a 14" *Quercus rubra* (Red Oak) in fair condition. This tree will be impacted by construction and, if permission is granted, we propose to remove it and replace it with additional tree plantings. In front of the west end of Elmwood Street is one 5" *Acer platanoides* (Norway Maple) tree in poor condition. If permission is granted, we propose to remove this tree and replace it with deciduous trees.

Total 19 diameter inches.

North of the building wall are a 28" and an 18" *Ailanthus altissima* (Ailanthus). These trees can be protected from damage by careful control of construction.

Tree Protection Plan:

The 8" Norway Maple near the port-a-pottie can be protected from damage by maintaining the property line fencing during construction. Demolition of the masonry block wall will be carefully controlled to protect the 18" and 28" *Ailanthus* trees near the north building wall. All the other trees near the project site are proposed for removal and replacement.

Proposed Trees to be Removed and Replacement Trees

Trees to be removed and replaced within the property.

The plan shows a double 5" trunk Chinese Elm to be removed – total 10 cal. Inches.

The Preliminary Landscape plan shows the following trees planted on site in compensation for 10 caliper inches of trees that will be removed.

- (5) Ornamental trees 2.5-3" cal. = 15 cal. inches
- (7) Evergreen trees 8-10' (3.5-4" cal.) = 28 cal. inches.

Total 43 cal. inches

Trees to be removed along the Pedestrian Pathway next to the project site:

6" Red Cedar

6" Red Cedar

5" Red Cedar

7" Red Cedar

4" Red Cedar

6" Red Cedar

5" Red Cedar

6" Red Cedar

14" Red Oak

Total 59 diameter inches.

Replacement Trees to be Planted along the Pedestrian Pathway and Elmwood Street.

- 7 upright growing shade trees 3-3.5" caliper along the north edge of Elmwood Street. Total 24.5" cal. inches.
- 5 shade trees 3.5-4" caliper along edge of pedestrian parkway. Total 20 cal. inches.
- 2 Flowering Trees 3-3.5" caliper along edge of pedestrian parkway. Total 7 cal. inches
- 3 evergreen trees 3.5-4" caliper along edge of pedestrian parkway. Total 12 cal. inches

In 63.5 caliper inches to compensate for the 59 caliper inches of trees proposed to be removed.

Very Truly Yours,

Blair Hines Design Associates, LLC, Landscape Architects



Blair Hines, Principal