



ARBOR SERVICES REPORT

To: Development Services Department

Date: November 4, 2015

Re: City of Edgewater – Historic Tree Assessment
2032 Juniper Drive

Project No. : ZC 15205

INTRODUCTION

Zev Cohen and Associates, Inc.(ZCA), Arbor Services was retained by the City of Edgewater to provide confirmation of species identification and a Historic Tree confirmation for an oak tree that was requested to be removed by the owner.

The subject tree is located at 2032 Juniper Drive , near the southwest corner of the house, as depicted on the attached Plot Plan that the home owner provided to the City.

The City of Edgewater defines a Historic Tree in Section 21-55.05 as follows:

21-55.05 - Historic Trees

Historic trees shall only be removed upon approval of a Tree Removal Permit granted by the City Council. **Historic trees are those listed in Section 21-55.06 that reach 36-inches DBH with the exception of the Laurel Oak. [Emphasis added]**

21-55.06 - Specimen Trees

...The following trees are designated as Specimen Trees.

Common Name	Botanical Name	Inches (DBH)
Elm	Ulmus spp.	12 plus
Hickory	Carya spp.	12 plus
Loblolly Bay	Gordonia lasianthus	12 plus
Magnolia	Magnolia grandiflora	12 plus
Maple	Acer spp.	12 plus
Other Oak Species	Quercus spp.	12 plus
Red Bay	Persea borbonia	12 plus
Red Cedar	Juniperus silicicola	12 plus
Swamp Bay	Persea palustris	12 plus
Sweet Bay	Magnolia virginiana	12 plus
Sweet Gum	Liquidambar styraciflua	12 plus
Sycamore	Platanus occidentalis	12 plus

Common Name	Botanical Name	Inches (DBH)
Turkey Oak	Quercus laevis	12 plus
Cypress	Taxodium spp.	12 Plus
Sugarberry/Hackberry	Celtis laevigata	12 Plus
Slash Pine	Pinus elliottii	18 Plus
Longleaf Pine	Pinus palustris	18 Plus

OBSERVATIONS

The property was visited on Wednesday, November 4, 2015. **The subject tree was confirmed to be a live oak (*Quercus virginiana*) with a DBH of 43" and therefore classified as a Historic Tree.** The identification was easily made as the tree exhibits characteristic live oak habits and morphology. The leaves are leathery in texture, dark green above and pale green/ grey tomentose below.

The subject tree is located near the dwelling and the driveway. The tree been severely trimmed and only re-sprouts from the main trunk system remain. This excessive trimming will likely result in poor health and a slow, but ultimate failure of the tree. At some time in the past, a large co-leader trunk facing the house was trimmed. That trimming was conducted properly and healed appropriately.

CONCLUSION

The subject tree was confirmed to be a Historic Tree according to Edgewater's LDC, as it is greater than 36" DBH and is a live oak.

The tree has been severely trimmed and only the main trunk leader and re-sprouts remain.

Cautionary Note: Despite the current appearance of the tree, trees are living things and are subject to an array of potential health problems, biotic factors such as disease and abiotic factors such as unpredictable weather including tropical storms and micro burst thunderstorms. Any of these factors can ultimately cause even a healthy tree to fail.

Information in this report is for consideration and determinations are based solely on professional experience, formal education, methodologies of the International Society of Arboriculture (ISA) and identification resources used in common professional practice in the field of botany and arboriculture in the state of Florida.

DJY/cp
15205001 ArborReport

CC: M. Dwight DuRant, P.E.
William Lites, LEED

Enclosures

DOCUMENTARY PHOTOGRAPHS



Figure 1 : Circumference of tree = 43" DBH



Figure 2 : Trunk of subject tree showing severe trimming



Figure 3 : Trunk of subject tree showing severe trimming and re-sprouts



Figure 4 : Trunk of subject tree showing previously trimmed co-dominant trunk

CITY OF EDGEWATER
BUILDING DEPARTMENT
104 North Riverside Drive
Edgewater, Florida 32132

Phone: (386) 424-2400 X 1514

FAX: (386) 424-2423



PLOT PLAN

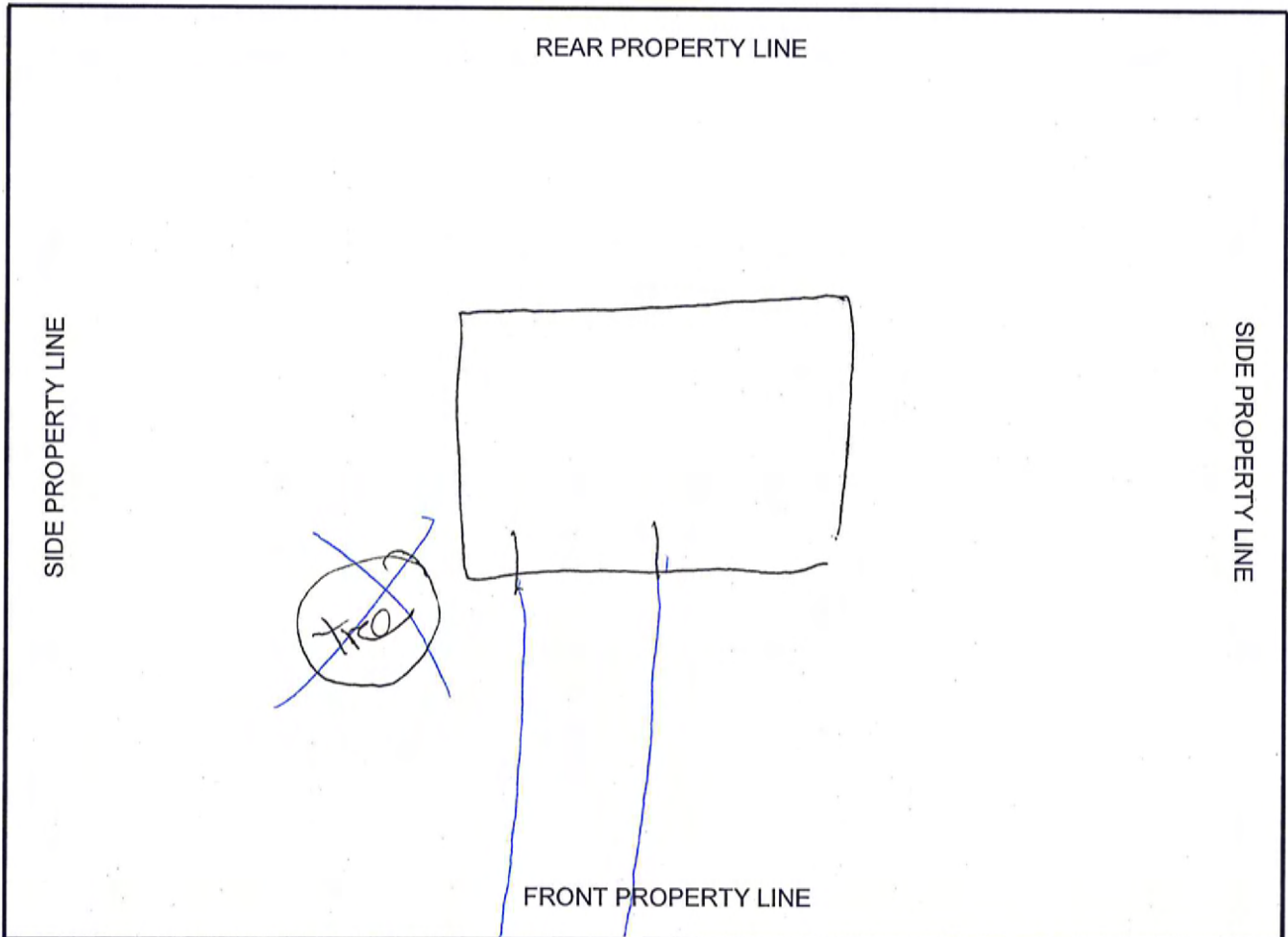
THIS FORM IS INTENDED FOR THE USE WITH MINOR PERMIT ITEMS. DEPENDING ON THE WORK PROPOSED AN ACTUAL SURVEY MAY BE REQUIRED.

SHOW THE LOCATIONS OF ALL EXISTING AND PROPOSED STRUCTURES. PROVIDE SETBACK DISTANCES IN FEET AND INCHES FROM ALL PROPERTY LINES AND EXISTING STRUCTURES.

FOR TREE REMOVAL APPLICATIONS SHOW THE LOCATION THE PROPOSED TREES TO BE REMOVED.

FOR DRIVEWAY AND USE PERMIT ITEMS. SHOW THE LOCATION OF THE PROPOSED WORK WITH DIMENSIONING AND DISTANCES TO PROPERTY LINES.

PROPERTY ADDRESS: 2032 JUNIPER DR



2032 Juniper

RIGHT OF WAY