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Tree Care Professionals  
treeteaminc.com

**March 8, 2024**

**Requested by: Eric Lenz**

**Evaluation of 3 Eucalyptus "Eucalyptus globulus" trees & 1 Chinese Elm "*Ulmus parvifolia*" tree.**

**Location:**

**355 Pioneer Way  
Mountain View, CA  
94041**

**Introduction:**

**Per your request, have come out to the site to inspect the roots compromised by excavation for new retaining wall along the property that was started by the neighboring property owner.**

**I have inspected and identified tree #1 at the left rear corner of the property, on property line as a *Eucalyptus globulus* commonly known as a Eucalyptus tree. Tree #2 on the left side of the property line as a *Eucalyptus globulus* commonly known as a Eucalyptus tree. Tree #3 along the left side of the property line, at the back of the building as a *Ulmus parvifolia* commonly known as a Chinese Elm tree. Tree #4 in the front of the property, as a *Eucalyptus globulus* commonly known as a Eucalyptus tree.**

**General Tree Assessment:**

**#1 - Eucalyptus *Eucalyptus globulus***

**DBH: 36"**

**Height: Approximately 40'**

**Crown spread: Approximately 30'**

**Location: At the left rear corner of the property, on property line.**

**Health Condition: FAIR**



**#2 - Eucalyptus *Eucalyptus globulus***

**DBH: 48"**

**Height: Approximately 55'**

**Crown spread: Approximately 40'**

**Location: In the middle of the back parking lot, on the left side property line.**

**Health Condition: POOR**

**#3 - Chinese Elm *Ulmus parvrolia***

**DBH: 18"**

**Height: Approximately 50'**

**Crown spread: Approximately 40'**

**Location: At the back of the building, along the left side property line.**

**Health Condition: FAIR**

**#4 - Eucalyptus *Eucalyptus globulus***

**DBH: 55"**

**Height: Approximately 60'**

**Crown spread: Approximately 35'**

**Location: At the front of the property, along left side property line.**

**Health Condition: POOR/ SEVERE**

**Methodology:**

**Previously the trees were inspected for general health, structural condition, & future impact on the site. New visit will be focused on the roots compromised for new retaining wall along the property line.**

**New excavation seems to be inline with property line & previously compromised retaining wall, at a depth of approximately 45" below the top of the curb height on 355 Pioneer Way and at a depth of approximately 2' below the top of the asphalt in neighboring property. Trench is approximately 6" wide, it has already removed some and severed other roots of Tree #2 & Tree #3.**

**Tree #1 - This tree has been assigned a rating of FAIR. Roots are lifting curbing/ back parking lot area in neighbor's property. Tree has pushed out retaining wall adjacent to the trunk. Installation of new retaining wall between the properties, will compromise the root structure & integrity of the tree. Buttress roots will be severed up to within 10-12" of the trunk of the tree, compromising the root flare. New retaining wall installation will compromise 25% or more of the overall root structure.**



**Tree #2 - This tree has been assigned a rating of POOR. Tree is in decline, large dead branches are apparent in the tree. New fungus is growing on the base of the trunk. Trunk and roots are lifting curbing/ back parking lot area of 355 Pioneer Way and in neighbor's property. Approximately 5-10% of the tree's roots have already been severed from excavation for new retaining wall. Other large buttress roots will be severed well into the trunk and root flare, compromising more than 40% of the root structure when the new retaining wall along the property line is installed. Tree's integrity will be compromised with the amount of roots being removed.**

**Tree #3 - This tree has been assigned a rating of FAIR. Roots are lifting curbing on client's side. About 5-10% of the Elm tree's root structure has already been severed through the neighbors excavation. Large root exposed along the property line. Additional buttress roots will be severed up to within approximately 8" of base of the trunk when the new retaining wall along the property line is installed. This will compromise more than 35-40% of the overall root structure. This tree's integrity will be compromised with the amount of roots being removed.**

**Tree #4 - This tree has been assigned a rating of POOR/SEVERE. Tree is located approximately 20' away from the left front corner of the building. New fungus is growing on the base of the trunk. Large double trunk structure and weight has created a failure point near the base of the tree. Growing fractures larger than previously seen, at the base of the trunk. The large standard closest to the building is still leaning excessively towards the building, with a high failure potential. Roots are lifting the parking lot curbing & asphalt in clients property, creating trip hazards. Root removal for the replacement of asphalt areas and curbing, will require removal of approximately 35% of overall root structure & up to the base of the tree. Tree's integrity will be compromised with the amount of roots being removed.**

**Conclusion:**

**Tree #1, Due to the condition of the tree and additional root structure needing to be removed for new retaining wall this tree will be compromised. My recommendation is to remove the tree and reinstall a smaller species of tree after the new retaining wall is installed. Either a Crape Myrtle tree, Autumn Blaze Maple tree, or a Chinese Pistachio tree is suggested due to the small planting area and confined space.**



**Tree #2, Due to the visible fungus, already compromised root structures, and additional root structure needing to be removed for new retaining wall. My recommendation is to remove the tree and reinstall a smaller species of tree after the new retaining wall is installed. Either a Crape Myrtle tree, Autumn Blaze Maple tree, or a Chinese Pistachio tree is suggested due to the small planting area and confined space.**

**Tree #3 - Due to the condition of the tree, already compromised root structures, and additional root structure needing to be removed for new retaining wall. My recommendation is to remove this tree and reinstall a smaller species of tree after the new retaining wall is installed. Either a Crape Myrtle tree, Autumn Blaze Maple tree, or a Chinese Pistachio tree is suggested due to the small planting area and confined space.**

**Tree #4 - With stress cracks, leaning portion, visible fungus, and roots lifting parking area, I recommend IMMEDIATE action. This tree should be removed and be replaced with a smaller species of tree to better fit the landscape of the area. Possibly a Crape Myrtle tree, Autumn Blaze Maple tree, or a Chinese Pistachio tree to better fit the small area between properties.**

**Sincerely,**

*James R Lewis*

**James R. Lewis  
WCISA Certified Arborist #WE3984A**

