



16165 CHURCH ST

Arborist Report



May 5, 2025

San Jose Tree Service INC

Robert Apolinar



Arborist Report/Tree Inventory

Prepared by:

May 5, 2025

Arborist: Robert Apolinar

#WE-8846B

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Prepared for:

Adam Johnson

16165 Church St

Morgan Hill Ca

APN: 817-03-028

Objective

San Jose Tree Service INC has been contracted to perform an evaluation and assessment of all the trees on site. The site is planned to be developed and the city requires an Arborist inventory and evaluation of the trees on site to determine the impact. An assessment of each tree was performed to determine the species, DBH, health, and condition. All trees will be documented individually in the following report.

Certified Arborist Robert Apolinar visited the property in April 2025 and performed a visual inspection of all the trees.

Morgan Hill Protected trees

The City of Morgan Hill considers the following trees to be protected:

A “protected tree” is defined as:

Any native tree, significant tree, any tree designated for protecting during review and approval of a development project, public or street trees, or otherwise designated as significant status.

Examples of specific species that are protected include *Oak trees (all types), California Bays, Madrones, Sycamore, and Alder trees*

A Significant Tree:

A significant tree is any native tree that has a trunk diameter of 6 inches or more, and any nonnative tree that has a trunk diameter of 13 inches or more.

Site observations

The site is a flat lot with no home or building. There are homes located on either side of the property. The property is directly off the main St. There are 2 mature protected trees on site. No neighboring trees will be impacted by the construction.

Trees on site:

- *Total number of trees inventoried: 2*
- *Protected trees proposed for removal: 0*
- *Trees proposed for removal: 0*

Plans Reviewed:

- *Preliminary Site Development Plan (4-12-2025)*
- *By: DZ Design Associate INC*

Tree Assessment

Tree #1: Quercus agrifolia

- **DBH:** 36"
- **Height & Width:** 40' x 40'
- **Location:** *Front left side of property. Near property line.*

Condition:

The tree is in good health. There are no signs of diseases or pests.

Structure:

The tree has not been pruned in many years. There are no major structural defects or issues of concern. Nearly $\frac{1}{2}$ of the canopy hangs over the neighbor's property.

Impact:

The Foundation of the home will be constructed within 6-8' from the trunk. It is expected that 15-20% of the roots will be impacted by the excavation. The canopy extends into the construction area and pruning will be needed to provide clearance. Care must be taken to ensure the trees survival.

Preservation:

The tree can be preserved but extreme caution must be taken. The goal of these recommendations is to preserve the health and Structural integrity of the tree.

1. TPZ:

Creating a defined tree protection zone will ensure this area is protected throughout the duration of the project.

- Protective fencing should be installed at a minimum distance of **11'** from the existing fence line
- This area will enclose the width of the canopy and prevent any access within the TPZ area. This area will be marked on the site plan in Red.
- The fencing will be 6' chain link set on 2" galvanized poles. Post spacing should be no greater than 10' apart.

2. Root Pruning:

All root pruning performed at edge of fence line beyond chain link will require the following to preserve roots.

- Make clean cuts on all pruned roots over 1" in diameter
- Perform excavation using hand tools to avoid tearing roots
- Cover prune roots with wet burlap when complete to protect from the sun. Cover the same day.
- Hand excavation area will be marked in yellow on the site plan.

3. Tree pruning:

Tree pruning will be needed to improve balance and provide clearance for construction.

Pruning should be performed under the supervision of an Arborist.

- **Crown raising:** will be needed on this side of property to provide clearance for construction. Raise to a minimum height of 20' above grade.
- **Crown Reduction:** Should be performed to reduce overall canopy in size and reduce weight. Weight should be reduced on neighbors' side to balance canopy and overall canopy should be reduced by 10-15%. Reduction cuts should be carefully made.
- **Crown thinning and structural pruning:** should be performed to reduce risk and improve structural integrity.

Pruning should be performed before construction begins.

4. Health Management:

All recommendations should be cleared through project arborist before they are performed.

- Water areas where root pruning occurred to preserve roots health.
- Water during summer months only. 1 time per month. July-September. Deep soak.
- Deep root fertilizing may be needed annually
- Install tree mulch within fenced areas to help soil retain moisture. 3-4" in depth. Keep mulch away from trunk.

Tree #2: Quercus agrifolia

- **DBH:** 42"
- **Height & Width:** 50' x 50'
- **Location:** *Back left side of property. Near property line.*

Condition:

The tree is in good health. There are no signs of diseases or pests.

Structure:

The tree has not been pruned in many years. There are minor structural defects throughout canopy but left uncared for could result in major damage. The main scaffolding branches have developed acute sharp angles are beginning to press against each other. As the tree grows this could become included bark. Nearly $\frac{1}{2}$ of the canopy hangs over the neighbor's property.

Impact:

The Foundation of the home will be constructed within 5-6' from the trunk. It is expected that 10-15% of the roots will be impacted by the excavation. The root damage is not expected to cause any major structural or health concerns. The canopy extends into the construction area and pruning will be needed to provide clearance. Care must be taken to ensure the tree's survival.

Preservation:

The tree can be preserved but extreme caution must be taken. The goal of these recommendations is to preserve the health and structural integrity of the tree.

5. TPZ:

Creating a defined tree protection zone will ensure this area is protected throughout the duration of the project.

- Protective fencing should be installed at a minimum distance of **9'** from the existing fence line
- This area will enclose the width of the canopy and prevent any access within the TPZ area. This area will be marked on the site plan in Red.
- The fencing will be 6' chain link set on 2" galvanized poles. Post spacing should be no greater than 10' apart.

6. Root Pruning:

All root pruning performed at edge of fence line beyond chain link will require the following to preserve roots.

- Make clean cuts on all pruned roots over 1" in diameter
- Perform excavation using hand tools to avoid tearing roots
- Cover prune roots with wet burlap when complete to protect from the sun. Cover the same day.

- Hand excavation area will be marked in yellow on the site plan.

7. Tree pruning:

Tree pruning will be needed to improve balance and provide clearance for construction.

Pruning should be performed under the supervision of an Arborist.

- **Crown raising:** will be needed on this side of property to provide clearance for construction. Raise to a minimum height of 20' above grade.
- **Crown Reduction:** Should be performed to reduce overall canopy in size and reduce weight. Weight should be reduced on neighbors' side to balance canopy and overall canopy should be reduced by 10-15%. Reduction cuts should be carefully made.
- **Crown thinning and structural pruning:** should be performed to reduce risk and improve structural integrity.

Pruning should be performed before construction begins.

8. Health Management:

All recommendations should be cleared through project arborist before they are performed.

- Water areas where root pruning occurred to preserve roots health.
- Water during summer months only. 1 time per month. July-September. Deep soak.
- Deep root fertilizing may be needed annually
- Install tree mulch within fenced areas to help soil retain moisture. 3-4" in depth. Keep mulch away from trunk.

Summary

The trees are in good health and could be preserved throughout the construction project. Applying the recommended procedures will provide the best chance for preservation of both trees.

Certified Arborist #WE-8846B

Robert Apolinar

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A handwritten signature in black ink, appearing to read "Robert Apolinar".

5-5-2025

Site map:





