



California Tree and Landscape Consulting, Inc.

Tree and Landscape Consulting

August 22, 2022



RE: ARBORIST REPORT FOR HOME REMODEL AT 7635 BALDWIN DAM ROAD, FOLSOM

Dear Mr. Martell,

Thank you for the opportunity to provide arborist consulting services for the Oak trees and we included the other trees growing on the property at 7635 Baldwin Dam Road, Folsom, CA for proposed home remodel. The site has already been reviewed for subdivision and this is a project to renovate the existing home and garage with a subset of the total trees on the parcels.

You contacted our office on August 3, 2022 requesting an arborists assessment and report to remove 5 oak trees in the house footprint and 3 Redwoods in the new driveway. We provided a proposal and you accepted it and the work was scheduled. After the tree data was collected, we prepared the report based on the site visit and plan.

Summary: There were 28 trees on the home property and 2 of the trees were on the adjacent properties with branches extending into the property. Seven protected trees, number 513, 514, 515, 529, 530, 545, and 565, on the home property are proposed for removal for the remodel, 5 Blue Oak and 2 Interior Live Oak. All 7 trees are located inside the house buildable area. The mitigation was calculated on the Folsom Tree Mitigation Worksheet. A total of 46.5 inches were calculated for mitigation, at \$250 per inch, for a total of \$11,625.

**7635 Baldwin Dam Rd Home Remodel
Tree Mitigation Worksheet**

| tree # | DSH (inches) base mitigation | Arborist Rating | Adjustment Factor | 50% Reduction inside house buildable area | Final Mitigation (inches) | Equivalent in- lieu fee (inches x \$250) |
|----------------|---------------------------------|--------------------|----------------------|---|---------------------------------|---|
| 513 | 18 | 3 | 1 | 0.5 | 9.00 | \$2,250.00 |
| 514 | 18 | 3 | 1 | 0.5 | 9.00 | \$2,250.00 |
| 515 | 21 | 3 | 1 | 0.5 | 10.50 | \$2,625.00 |
| 529 | 18 | 3 | 1 | 0.5 | 9.00 | \$2,250.00 |
| 530 | 18 | 3 | 1 | 0.5 | 9.00 | \$2,250.00 |
| 545 | 20 | 1 | 0 | 0.5 | 0.00 | \$0.00 |
| 565 | 40 | 1 | 0 | 0.5 | 0.00 | \$0.00 |
| Total 7 | 153 | ~ | ~ | ~ | 46.50 | \$11,625.00 |

There are 4 unprotected trees, number 521, 522, 523, and 527, proposed for removal that are not proposed for mitigation.

Observations: The site was visited on Monday, August 15, 2022, at approximately 5:30 pm. There were 28 trees included in the inspection and 2 of those trees were on adjacent properties that should not be impacted by the proposed remodel. The trees are 11 Interior Live Oak, 11 Blue Oak, 3 Redwood, 1 Chinese Pistache, 1 Southern Magnolia, and 1 Trident Maple. The trunk diameters were measured with a diameter tape at approximately 4.5' above grade or measured at the most appropriate place on the trunk to determine the trunk diameter if growth, branches, or swelling at 4.5 feet would not give an accurate diameter. The tree crown spread in the largest direction was paced and listed, which will develop the Tree Protection Zone (TPZ), the largest crown radius plus 1 foot. The condition rating was provided for the combination of structure and health, based on leaf density, size, and color; and branch attachments, and visible decay in the trunk and branches. The inspection information is provided on the attached 7635 Baldwin Dam Road Folsom Home Remodel Tree List.

The tree condition rating scale is:

| | | |
|-----------|-----------|---|
| Excellent | 5, 81-100 | Found to have none to few defects or decay, and high vigor |
| Good | 4, 61-80 | Found to have few defects or decay, and above average vigor |
| Fair | 3, 41-60 | Found to have mitigatable defects, limited decay, and average vigor |
| Poor | 2, 21-40 | Found to have significant defects, decay, and lower vigor |
| Very poor | 1, 1-20 | Found to have significant defects, decay, and low declining vigor |
| Dead | 0, 0 | Found to be dead |

Other testing or examination: No additional testing or examination was requested at the time of the inspection or found necessary.

Discussion: There are 7 protected trees proposed to be removed for the home remodel. Mitigation is required for these trees in either 47 inches of new trees, an in-lieu fee of \$11,625, or a combination of the diameter inches of trees planted subtracted from the in-lieu fee amount.

There are 4 unprotected trees proposed for removal for the home remodel and no mitigation is required or proposed.

There may be some encroachment into the canopy of some protected trees on the existing driveways or walkways. Tree protection will need to be placed as far from the tree trunks to the edge of the driveway or walkways for the trees to be retained and protected. Trees outside of the drive or walks should have fencing to the drip line plus one foot, the Tree Protection Zone. Orange plastic fencing installed prior to materials delivery and construction will provide the necessary tree protection. The layout for the tree protection fencing is provided on the image in the Appendix. The tree protection fencing and tree protection plan including root pruning specifications need to be included in the construction documents.

If approved work is needed over the protected root zone inside the tree protection fencing, additional soil protection will be needed. For person and light equipment access a layer of 4" wood chip mulch needs to be placed over the soil within the tree protection zone. For heavy equipment access, a layer of 6" wood chip mulch needs to be placed over the protected root zone area and either wood, plastic, or steel plates placed over the mulch to protect the soil from

compaction the tree protection zone. The compaction protection needs to be in place before any construction or grading on the site is initiated.

The remaining Tree Protection Zone and drip line outside of the construction area will be protected with fencing once the construction design is finalized. The fencing should be put up first before any materials delivery, construction, or grading occurs on the property. Signage approved by the City of Folsom labeling the fenced area as a tree protection zone shall be placed on the fence on each side of the fence polygon, or within 20' if a continuous fence radius. Four-inch deep wood chip mulch should be placed over the soil within the tree protection zone to protect the soil from compaction, and keep the soil moist.

This project was already approved for a subdivision creating 4 parcels, and some mitigation was approved for that activity. None of the trees in the home remodel are impacting any trees from the previous approved project.

There may be pruning necessary for low branches on some of the trees as the construction activity and the house design may need canopy clearance from the remaining trees. The clearance pruning will require a Protected Tree Permit from the City. The branch pruning should only remove approximately 5% to 10% maximum of the total tree foliage. The branches to be pruned should be downward growing and lower branches, and possibly branches near the roof area on the remodeled home. The pruning objective is to provide clearance, reduce the risk of branch failure and retain as large a foliar canopy as possible. The pruning system will be a natural system retaining as natural a shape to the tree crown as possible. Pruning cuts should be branch removal cuts and reduction cuts made on as small a diameter branch as possible. The pruning to laterals should not exceed the largest cuts of approximately 4" for the construction clearance. The pruning should take place in the outer 20% of the crown except when necessary to achieve adequate branch clearance. The smallest diameter branch pruning cuts possible should be made with sharp tools. All dead branches should be removed using branch removal cuts and reduction cuts to a minimum diameter of 1". A larger size dead branch diameter may be retained depending on property owner preference and risk.

Root pruning may be necessary for some of the driveway grading. The area for the excavation at the edge closest to the trees should be carefully pre-dug to determine which roots if any are present in the area to be excavated. If roots need to be removed, they shall be pruned at the edge of the trench closest to the tree prior to excavating the roots to avoid tearing the roots back closer to the trees than the excavation point. Root pruning shall be performed with a sharp tool appropriate for the size root being cut and tools may range from hand pruners, to loppers, to handsaws to chain saws or skill saws. Clean cuts shall be made so the bark is not torn. Once the roots have been severed at the tree side of the excavation area, the roots can be removed from the excavation area. The root pruning before excavation will avoid tearing any roots and causing damage beyond the excavation wall.

For trees that receive root pruning, irrigation should be provided during the hot months of the summer and fall to mitigate for the root loss and reduced water source for the tree. Irrigation should be drip or soaker hose placed on the remaining original soil grade. When irrigating the flow should be low enough so that the water does not run off along the soil surface or run to the tree trunks. Water delivery needs to slowly seep into the soil and be allowed to run for several hours to accomplish deep watering. The correct amount of water would be checked with a

sample hole to see the water has seeped to at least 8 inches deep. Frequency will depend on temperatures and length of hot weather. Mulch over the soil that is irrigated should reduce the frequency for irrigation.

A landscaping plan was not provided for the home remodel. New landscape plants should be kept at least 5 feet away from the trunks of the oak trees. Plants should be selected to be drought tolerant. Irrigation water should not be sprayed onto the trunk or base of the oak trees. Irrigation water should not flow to the trunks of the oak trees. The wood chip mulch under the drip line should be left in place after the construction is completed for improving the soil under the trees.

Construction inspection will be required by the City to verify the tree protection is in place and work within the protected root zone is in compliance with the tree protection plan. Routine inspections will be performed with other nearby projects and as long as things are in compliance, a special report will not be required.

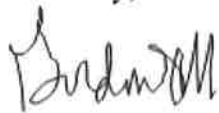
The property owner is required to obtain all the necessary tree permits from the City for removal, encroachment into the TPZ, and pruning.

There is mitigation required for the removal of the 7 protected trees, amounting to 46.5 diameter inches, at a fee of \$250 per inch, for a total mitigation of \$11,625. The mitigation can be met by planting 47 inches of trees on the property, where less than 15-containers = ½ inch; #15 size containers = 1 inch; 24-inch boxed trees = 2 inches; and 36-inch boxed trees = 3 inches. The mitigation can also be a combination of planting and payment by subtracting the total inches planted from the total mitigation fee.

Conclusion: There are 22 protected Interior Live Oak and Blue Oak trees on the home property. Seven protected oak trees are proposed to be removed. Four unprotected trees are proposed to be removed. The protected tree mitigation is 46.5 inches. The mitigation amount is \$11,625. The mitigation can be met by planting 47 inches of trees, or some blend of planting inches and paying the remaining fee amount.

Please contact me at 650-740-3461, or gordon@mannandtrees.com, if you have any questions about this report or any other services we provide.

Sincerely,



Gordon Mann
Consulting Arborist and Urban Forester

Registered Consulting Arborist #480
ISA Certified Arborist and Municipal Specialist #WE-0151AM
CaUFC Certified Urban Forester #127
ISA Qualified Tree Risk Assessor
California Tree and Landscape Consulting, Inc.
Auburn, CA

650-740-3461

www.caltlc.com

Attachments:

Images

Tree List

Tree Pruning

Root Pruning

Tree Protection

Assumptions and Limitations

Gordon Mann's Resume

Certificate of Performance

Images



Aerial Image of 7635 Baldwin Dam Rd with Tree #'s in approximate locations

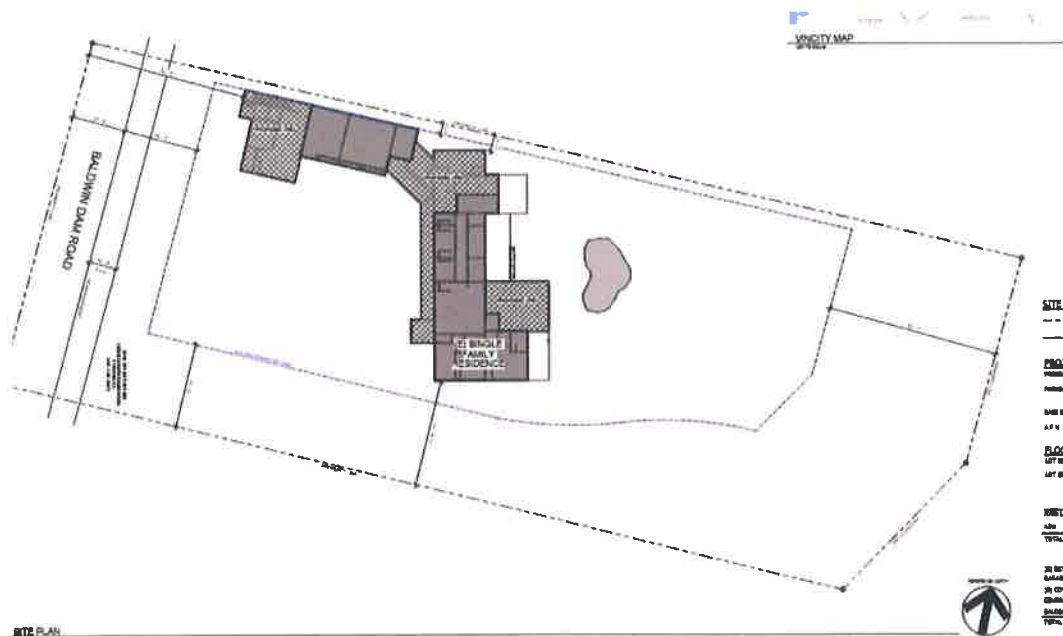


Aerial image showing:

7 protected trees to be removed red X's - 513, 514, 515, 529, 530, 545, & 565

4 unprotected trees to be removed gold X's - 521, 522, 523, 527

Tree protection fencing for trees to remain - yellow lines



Home remodel plan showing layout

Tree List

7635 Baldwin Dam Rd Folsom Home Remodel
Tree List

| Tree # | Old Tag # | Common Name Species | DBH (in) | Ht Dia Mea At (ft) | Canopy Radius (ft) | Condition Rating | Comments | Project Status |
|--------|-----------|---|----------|--------------------|--------------------|---|---|-----------------------------|
| 19 | | Interior Live Oak Quercus wislizenii | 19 | 36 | 0 | 0 Dead | on adjacent property S, 10' behind fence, poor condition, leans N extends into property by 20', end wts | off site retain and protect |
| 506 | 41 | Blue Oak Quercus douglasii | 40 | 54 | 28 | 3 Fair - Minor Problems | 3 stems at ground | retain and protect |
| 507 | 42 | Blue Oak Quercus douglasii | 16 | 54 | 20 | 2 Major Structure or Health Problems | Basal cavity south | retain and protect |
| 508 | 43 | Interior Live Oak Quercus wislizenii | 39 | 54 | 29 | 2 Major Structure or Health Problems | 2 stem at ground, heavy & leaning, hollow basal center with decay | retain and protect |
| 509 | 44 | Blue Oak Quercus douglasii | 10 | 54 | 10 | 3 Fair - Minor Problems | Upper trunk and canopy lean south, codominant at 7ft | retain and protect |
| 513 | 33 | Blue Oak Quercus douglasii | 18 | 54 | 17 | 3 Fair - Minor Problems | Codominant at 9 feet. Swollen flare south | Remove 18" diameter |
| 514 | 34 | Blue Oak Quercus douglasii | 18 | 54 | 17 | 3 Fair - Minor Problems | Codominant at 9 feet | Remove 18" diameter |
| 515 | 35 | Blue Oak Quercus douglasii | 21 | 54 | 19 | 3 Fair - Minor Problems | Swollen flare east. Codominant top | Remove 21" diameter |
| 517 | 37 | Blue Oak Quercus douglasii | 10 | 54 | 26 | 3 Fair - Minor Problems | Suppressed. Canopy severe lean south west | retain and protect |
| 518 | 38 | Blue Oak Quercus douglasii | 16 | 54 | 22 | 3 Fair - Minor Problems | Codominant at 10ft | retain and protect |
| 519 | 39 | Blue Oak Quercus douglasii | 14 | 54 | 10 | 2 Poor - Major Structure or Health Problems | Poor structure. Branch cavities | retain and protect |
| 521 | 27 | Coast Redwood Sequoia sempervirens | 27 | 54 | 28 | 4 Good - No Apparent Problems | Good specimen | Remove |
| 522 | 26 | Coast Redwood Sequoia sempervirens | 26 | 54 | 26 | 4 Good - No Apparent Problems | Good specimen | Remove |

Tree list page 1 of 3

7635 Baldwin Dam Rd Folsom Home Remodel
Tree List

| Tree # | Old Tag # | Common Name Species | DBH (in) | Ht Dia Mea At (ft) | Canopy Radius (ft) | Condition Rating | Comments | Project Status |
|--------|-----------|---|----------|--------------------|--------------------|--|---|----------------------------------|
| 523 | 21 | Trident Maple Acer buergerianum | 21 | 54 | 19 | 3 Fair - Minor Problems | Codominant at 6ft. Large pruning wounds east side at 5 ft | Remove |
| 524 | 19 | Interior Live Oak Quercus wislizenii | 41 | 54 | 12 | 3 Fair - Minor Problems | Codominant at 36 inches | mitigated by subdivision project |
| 525 | 28 | Chinese Pistache Pistacia chinensis | 10 | 54 | 12 | 2 Poor - Major Structure or Health Problems | Multiple large pruning wounds | retain and protect |
| 527 | 22 | Coast Redwood Sequoia sempervirens | 28 | 54 | 15 | 4 Good - No Apparent Problems | Good specimen | Remove |
| 529 | 23 | Blue Oak Quercus douglasii | 18 | 54 | 20 | 3 Fair - Minor Problems | One sided, leaning canopy south | Remove 18" diameter |
| 530 | 24 | Blue Oak Quercus douglasii | 18 | 54 | 20 | 3 Fair - Minor Problems | Codominant at 20 feet. | Remove 18" diameter |
| 541 | 10 | Interior Live Oak Quercus wislizenii | 30 | 54 | 30 | 1 Very Poor - Extreme Structure or Health Problems | Severe trunk cavity south. | retain and protect |
| 544 | 7 | Interior Live Oak Quercus wislizenii | 22 | 54 | 24 | 2 Poor - Major Structure or Health Problems | Trunk cavities. Upper trunk and canopy severe lean west. | retain and protect |
| 545 | 18 | Interior Live Oak Quercus wislizenii | 20 | 54 | 23 | 1 Very Poor - Extreme Structure or Health Problems | Topped snag at 11ft. Foliage is trunk sprouts | Remove 20" diameter |
| 546 | 12 | Interior Live Oak Quercus wislizenii | 15 | 54 | 22 | 1 Very Poor - Extreme Structure or Health Problems | Basal cavities. Pruning wounds. Severely declining | mitigated by subdivision project |
| 563 | | Interior Live Oak Quercus wislizenii | 10 | 54 | 8 | 2 Poor - Major Structure or Health Problems | Topped for powerline clearance. | retain and protect |

Tree list page 2 of 3

7635 Baldwin Dam Rd Folsom Home Remodel
Tree List

| Tree # | Old Tag # | Common Name Species | DBH (in) | Ht Dia Mea At (ft) | Canopy Radius (ft) | Condition Rating | Comments | Project Status |
|---|-----------|--|----------|--------------------|--------------------|--|---|-----------------------------|
| 564 | 16 | Interior Live Oak <i>Quercus wislizenii</i> | 9 | 54 | 22 | 2 Poor - Major Structure or Health Problems | Basal cavities. Pruned for powerline. Severe lean east | retain and protect |
| 565 | 17 | Interior Live Oak <i>Quercus wislizenii</i> | 40 | 54 | 30 | 1 very poor - Extreme Structure or Health Problems | Large swollen base, several leaders cut off; 2 stems left, Codominant at 4ft, 24" & 16"; Flare growing over Boulder north. Trunk cavities. Bark decay. Large pruning wounds south. Heavy lean south over house. | Remove 40" diameter |
| 583 | | Interior Live Oak <i>Quercus wislizenii</i> | 12 | 54 | 22 | 2 Poor - Major Structure or Health Problems | Offsite over north fence line. Severe lean south. Overhanging parcel 20ft south. | off site retain and protect |
| 588 | | Southern Magnolia <i>Magnolia grandiflora</i> | 10 | 54 | 8 | 2 Poor - Major Structure or Health Problems | Topped for powerline clearance. | retain and protect |
| 28 trees in the inspection; 2 trees off-site retained and protected; 7 protected trees in house buildable area to be removed; 4 unprotected trees to be removed; 13 protected trees retained and protected; 2 unprotected trees retained and protected. | | | | | | | | |

| Color Key | Description |
|-----------|----------------------------|
| 13 | protected trees retained |
| 7 | protected trees removed |
| 4 | unprotected trees removed |
| 2 | off site trees retained |
| 2 | unprotected trees retained |

Tree list page 3 of 3

Tree Pruning:

The tree pruning should be performed to specifications written in accordance with ANSI A300 Tree Management Standards Part 1 Pruning and ISA Best Management Practices for Pruning, with the objective to reduce risk, improve tree structure, provide necessary clearance, and retain as large a foliar canopy as possible.

Prune branches that do not meet necessary clearance. Focus pruning on removing branches using branch removal cuts and reduction cuts, reducing end weights, pruning the smallest diameter branches possible to achieve the clearance, setting a maximum size branch diameter to be cut, which have been described in the management options. Remove dead branches to a specified diameter such as 1".

Root Pruning:

For any trenching or excavation around the subject trees, roots shall be pruned before the area they are growing in is excavated and approved roots are removed. The pruning shall occur at the edge of the work area on the tree side of the trench, or as far from the tree as possible when performing open area excavation, using sharp tools appropriate for the size root to be cut, making clean cuts. Any roots to be pruned greater than 2 inches in diameter, should have an arborist inspect to verify the root will not compromise tree stability or health. Once the roots are pruned, the excavation can proceed in the work area with the approved minimal damage to the tree.

Tree Protection

Tree protection shall be shown on the construction drawings and put in place prior to the beginning of demolition, grading, or construction work.

Tree Protection fencing shall be sturdy fencing placed over open soil areas under the drip line of the tree plus one foot.

The fencing shall have a clear sign that meets the City of Folsom requirements designating the area as the tree protection zone and no people, equipment, or materials shall be allowed in the fenced area.

If approved work is to occur within the tree protection area, the fence shall remain in place and opened for the work, then immediately put back in place after the work is completed. To protect soil in a tree protection zone, a layer of 4" thick wood chip mulch should be placed over the soil. If light equipment is being used in the tree protection area, 6" of wood chip mulch should be placed over the soil and a plate of plastic, plywood or steel placed over the mulch. If heavy equipment is approved to work within the tree protection fencing, steel plates shall be placed over the 6" mulch and the equipment shall be staged on the plates to perform the work. The mulch can be moved for any approved site work. After the work is complete, the mulch shall be spread back to cover the soil. Tree protection fencing if moved for approved work shall be replaced at the end of each work day.

Assumptions and Limitations: This report provides information about the subject tree at the time of the inspection. Trees and conditions may change over time. This report is only valid for the tree with the conditions present at the time of the inspection. All observations were made while standing on the ground. The inspection consisted of primarily visual observations to information about branch attachments, loading, and a mallet and probe used to learn the extent of decay and hollow portions of the tree.

Arborists are tree specialists who use their education, knowledge, training and experience to examine trees, recommend measures to enhance the beauty and health of trees, and attempt to reduce the risk of living near trees. Clients may choose to accept or disregard the recommendations of the arborist or seek additional advice.

Arborists cannot detect every condition that could possibly lead to the structural failure of a tree. Trees are living organisms that can fail in ways we do not fully understand. Conditions are often hidden within trees and below ground. Arborists cannot guarantee that a tree will be healthy or safe under all circumstances, or for a specified period of time. Likewise, remedial treatments, like any medicine, cannot be guaranteed.

Treatment, pruning, and removal of trees may involve considerations beyond the scope of the arborist's services such as property boundaries, property ownership, site lines, disputes between neighbors, landlord-tenant matters, etc. Arborists cannot take such issues into account unless complete and accurate information is given to the remedial measures.

Trees can be managed, but they cannot be controlled. To live near a tree is to accept some degree of risk. The only way to eliminate all risks is to eliminate all trees.



California Tree and Landscape Consulting, Inc.

GORDON MANN

EDUCATION AND QUALIFICATIONS

- 1977 Bachelor of Science, Forestry, University of Illinois, Champaign.
- 1982 - 1985 Horticulture Courses, College of San Mateo, San Mateo.
- 1984 Certified as an Arborist, WE-0151A, by the International Society of Arboriculture (ISA).
- 2004 Certified as a Municipal Specialist, WE-0151AM, by the ISA.
- 2011 Registered Consulting Arborist, #480, by the American Society of Consulting Arborists (ASCA).
- 2003 Graduate of the ASCA Consulting Academy.
- 2006 Certified as an Urban Forester, #127, by the California Urban Forests Council (CaUFC).
- 2011 TRACE Tree Risk Assessment Certified, continued as an ISA Qualified Tree Risk Assessor (T.R.A.Q.).



PROFESSIONAL EXPERIENCE

- 2016 – Present CALIFORNIA TREE AND LANDSCAPE CONSULTING, INC (CalTLC).
President and Consulting Arborist.
Auburn. Mr. Mann provides consultation to private and public clients in health and structure analysis, inventories, management planning for the care of trees, tree appraisal, risk assessment and management, and urban forest management plans.
- 1986 - Present MANN MADE RESOURCES. Owner and Consulting Arborist. Auburn.
Mr. Mann provides consultation in municipal tree and risk management, public administration, and developing and marketing tree conservation products.
- 2015 – 2017 CITY OF RANCHO CORDOVA, CA. Contract City Arborist.
Mr. Mann serves as the City's first arborist, developing the tree planting and tree maintenance programs, performing tree inspections, updating ordinances, providing public education, and creating a management plan,
- 1984 – 2007 CITY OF REDWOOD CITY, CA. City Arborist, Arborist, and Public Works Superintendent.
Mr. Mann developed the Tree Preservation and Sidewalk Repair Program, supervised and managed the tree maintenance program, performed

inspections and administered the Tree Preservation Ordinance. Additionally, he oversaw the following Public Works programs: Streets, Sidewalk, Traffic Signals and Streetlights, Parking Meters, Signs and Markings, and Trees.

1982 – 1984 CITY OF SAN MATEO, CA. Tree Maintenance Supervisor.
For the City of San Mateo, Mr. Mann provided supervision and management of the tree maintenance program, and inspection and administration of the Heritage Tree Ordinance.

1977 – 1982 VILLAGE OF BROOKFIELD, IL. Village Forester.
Mr. Mann provided inspection of tree contractors, tree inspections, managed the response to Dutch Elm Disease. He developed an in-house urban forestry program with leadworker, supervision, and management duties to complement the contract program.

1979 - Present INTERNATIONAL SOCIETY OF ARBORICULTURE. Member.

- Board of Directors (2015 - Present)
- True Professional of Arboriculture Award (2011); In recognition of material and substantial contribution to the progress of arboriculture and having given unselfishly to support arboriculture.

1982 - Present WESTERN CHAPTER ISA (WCISA). Member.

- Chairman of the Student Committee (2014 - 2017)
- Member of the Certification Committee (2007 - Present)
- Chairman of the Municipal Committee (2009 - 2014) • Award of Merit (2016) In recognition of outstanding meritorious service in advancing the principles, ideals and practices of arboriculture.
- Annual Conference Chair (2012)
- Certification Proctor (2010 – Present)
- President (1992 - 1993)
- Award of Achievement and President's Award (1990)

1985 - Present CALIFORNIA URBAN FORESTS COUNCIL (CaUFC). Member; Board Member (2010 - Present)

1985 - Present SOCIETY OF MUNICIPAL ARBORISTS (SMA). Member. e Legacy Project of the Year (2015) o In recognition of outstanding meritorious service in advancing the principles, ideals and practices of arboriculture.

- Board Member (2005 - 2007)

2001 - Present AMERICAN SOCIETY OF CONSULTING ARBORISTS.
Member. e Board of Directors (2006 - 2013)

- President (2012)

2001 - Present CAL FIRE. Advisory Position.

- Chairman of the California Urban Forestry Advisory Committee (2014 - 2017)

2007 – Present AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI): A300
TREE MAINTENANCE STANDARDS

COMMITTEE. SMA Representative and Alternate.

- Alternative Representative for SMA (2004 - 2007; 2012 - Present)
- Representative for SMA (2007 - 2012)

2007 - Present SACRAMENTO TREE FOUNDATION. Member and Employee.

- Co-chair/member of the Technical Advisory Committee (2012 - Present)
- Urban Forest Services Director (2007 - 2009)
e Facilitator of the Regional Ordinance Committee (2007 - 2009)
- 1988 - 1994 TREE CLIMBING COMPETITION.
 - Chairman for Northern California (1988 - 1992)
 - Chairperson for International (1991 - 1994)

PUBLICATIONS AND LECTURES

Mr. Mann has authored numerous articles in newsletters and magazines such as Western Arborist, Arborist News, City Trees, Tree Care Industry Association, Utility Arborists Association, CityTrees, and Arborists Online, covering a range of topics on Urban Forestry, Tree Care, and Tree Management. He has developed and led the training for several programs with the California Arborist Association. Additionally, Mr. Mann regularly presents at numerous professional association meetings on urban tree management topics.

Certificate of Performance

I, Gordon Mann, certify that:

The trees and site referred to in this report were inspected by me and I have reviewed the project and stated my findings accurately. The extent of the inspection is stated in the attached report under Assignment;

I have no current or prospective interest in the vegetation, or the property that is the subject of this report and have no personal interest or bias with respect to the parties involved;

The analysis, opinions and conclusions stated herein are my own and are based on current scientific procedures and facts;

My analysis, opinions, and conclusions were developed, and this report has been prepared according to commonly accepted arboricultural practices;

No one provided significant professional assistance to me, except as indicated within the report;

My compensation is not contingent upon the reporting of a predetermined conclusion that favors the cause of the client, or any other party, nor upon the results of the assignment, the attainment of stipulated results, or the occurrence of any subsequent events.

I further certify that I am a member in good standing of the International Society of Arboriculture (ISA) and an ISA Certified Arborist and Municipal Specialist. I am also a Registered Consulting Arborist member in good standing of the American Society of Consulting Arborists. I have been involved in the practice of arboriculture and the care and study of trees for over 43 years.

Signed:

A handwritten signature in black ink, appearing to read 'Gordon Mann', written over a light blue horizontal line.

Gordon Mann

Date: August 22, 2022