December 20, 2023

Mr. Doug Buzbee
DBRE Consulting, Inc.
925-766-3882
dbuzbee@dbreconsulting.com

RE: AMENDED ARBORIST REPORT FOR PROPOSED DEVELOPMENT AT 500 – 512 G STREET, DAVIS, CA

Dear Mr. Buzbee,

Thank you for the opportunity to provide arborist consulting services for the trees growing on the property and adjacent properties located at 500 - 512 G Street, Davis, CA, consisting of 3 parcels. The inspection included the trees on the parcels and the City trees adjacent to the subject properties. The 3 parcel numbers are 070-193-005-000, 070-193-006-000, and 070-193-007-000.

You contacted our office on June 23, 2022 requesting an arborists assessment and report to support the demolition and construction of the project on the properties at 500-506 G Street, with the layout for a multi-story building. You re-contacted our office on April 18, 2023 as the plans were changed to add the third parcel, 512 G Street. The site was most recently inspected on April 25, 2023 for the trees growing on and adjacent to 512 G Street. Due to evaluation of the design and impacts to trees from construction shared November 15, 2023, the tree removals needed to be increased and the report has been amended.

Summary: The trees on the subject parcels and adjacent sites were assessed on July 13, 2022, August 17, 2022, and April 25, 2023. There were 25 trees inventoried including 9 Trees of Significance, 12 Street Trees, 4 not Trees of Significance or undersized. There are 15 trees proposed to be removed, tree #s 8467, 8468, 8469, 8470, 8489, 8491, 8492, 8494, 8495, 8496, 8497, 1000, 100, 102, and 103. A tree removal permit will be needed from the City for the protected trees and street trees. A tree permit will be required from the City to prune the 3 street trees for building clearance. A total of 201 diameter inches is proposed for mitigation. The mitigation will be met by planting trees on site and street trees, and paying the balance of any remaining mitigation fee up to $30,429.

The total tree activity is shown below:

Site	Total # of trees	Total Trees of Significance species	Total street trees	Total unprotected trees to be removed	Total street & protected trees to be removed	Total Mitigation inches required
500-512 G St	25	9	12	2	15	201

Observations: The site was visited on July 13, 2022, re-visited on August 17, 2022, and re-visited again on April 25, 2023. The revised site plan provided showed the structure position on the 3 parcels in relation to the street trees and on and off-site trees. The necessary tree removals and any clearance pruning for the proposed multi-story structure was a component of the inspection.

The tools used in the inspection were: hammer, nails, tags, diameter tape, probe, and mallet.

The trunk diameters were measured with a diameter tape at approximately 4.5 feet above grade or measured at the most appropriate place on the trunk to determine the trunk diameter. If co-dominant stems, trunk growth, branches, or swelling at 4.5 feet would not give an accurate diameter the most appropriate place to capture an accurate diameter was found. The height of the measurement is included in the tree inspection data. The tree crown radius was paced in the longest direction for the crown radius measurement in feet. When measuring the crown radius of leaning trees, the main leader in the direction of the lean is not the crown radius of lateral branches and the largest lateral branch spread is considered the crown radius.

The tree condition rating is a combination of vigor, structure, trunk, branches, trunk flare, live tissue, leaf and bud density, and defects and decay or pests. It is described in rating and range term.

The tree condition rating scale used is:

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

The tree data is shown in the 500 - 512 G St, Davis Tree List.

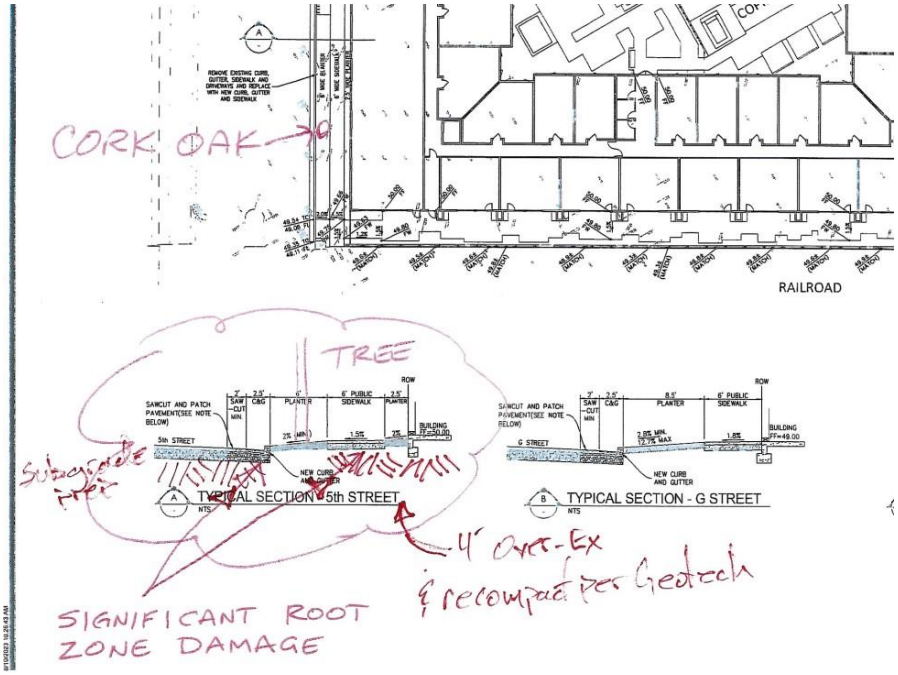
Other testing or examination: No additional testing or examination was requested at the time of the inspection.

Discussion: The site covers 3 parcels, and fronts 3 streets and the railroad tracks. The proposed construction includes demolition of the existing buildings and construction of a new 5-story structure with ground level bike parking for 280 bikes, and no car parking, retail, live/work space, fitness facility, and office spaces.

There are 12 Street Trees: 1 Cork Oak, 1 Black Locust, 2 Callery Pear, 1 Zelkova, 1 Desert Willow, 1 Chinese Pistache, 1 Tree of Heaven, and 4 London Plane trees. The two Callery Pear are in poor condition and should be removed. A total of 9 Street trees are proposed for removal due to poor health or to provide adequate space for safe scaffolding and construction of the new structure. The pruning of the 3 retained street trees can be pruned following the pruning specifications provided in Appendix 4.

There are many small undersized Tree of Heaven along the fence line on the railroad tracks side of the property and one small Tree of Heaven (tree #100) along the 6th Street frontage that will be removed and mitigation is not proposed for these trees. There are two trees of significance in the front yard of 506 G Street (a Citrus tree #102, and London Plane #8494), and one tree in the rear yard of 512 G Street (Chinese Elm #103) and one tree in the planting strip (London Plane #8497) that will need to be removed to accommodate the construction of the new structure. There is a Catalpa tree #8469 along the railroad tracks frontage that is in poor condition and proposed for removal. There is one street tree Tree of Heaven #8470 in poor condition along the 6th Street frontage that is proposed for removal. A permit will be required from the City for all the protected tree removals.

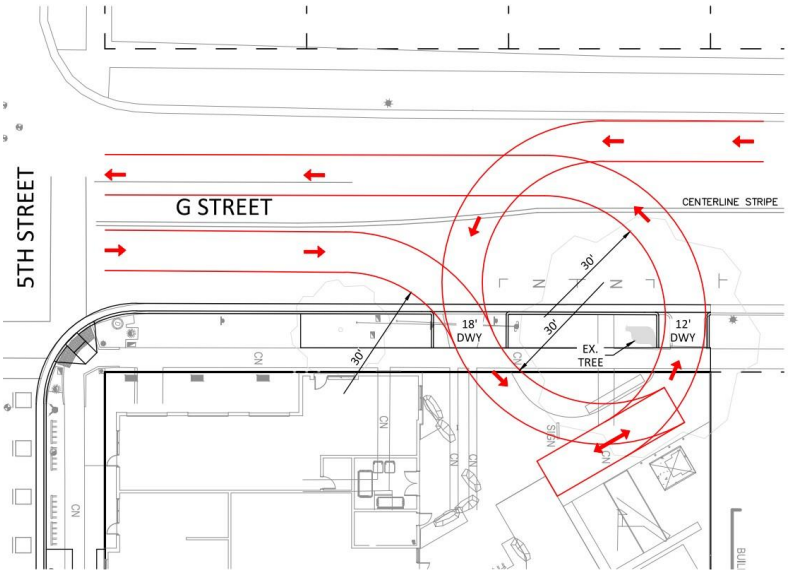
Cork Oak #8467 – The following diagram shows the construction activities that will impact the Cork Oak Tree. The project will be required to replace street-side curb-and-gutter improvements as well as associated sub-grade prep and compaction. This work will significantly impact the tree's root structure on the south side as the tree base currently abuts the back-of-curb on 5th Street. On the north side of the tree base, the project is required to replace the sidewalk which involves sub-grade prep, compaction, placement of formwork, and construction of new flatwork. In addition, in order to achieve suitable soil bearing capacity to support the building, the builder will be required to over-excavate and re-compact to a depth of 4' below ground surface. These activities will significantly damage a large portion of the tree's root structure. The subject tree is not likely to survive the cumulative impacts of the various necessary construction measures described above and removal is recommended.



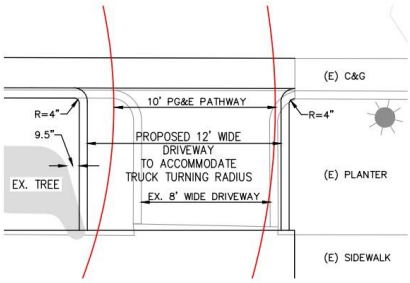
London Plane #8497 - The project requires a PG&E transformer to be located in front of the building on G Street in the vicinity of the London Plane tree. PG&E requirements for the transformer location, access and pad size include such measures as a 10'-wide path of travel for PG&E trucks and vertical clearance over the transformer pad for access by a crane arm.

Given PG&E's constraints, the only two options for the location of the transformer pad are as shown on the landscape plan or directly behind the back of walk. Please see Attachment A for a depiction of the PG&E truck turning radius exhibit prepared by Cunningham Engineering. This exhibit demonstrates how the exit path, to the north of the subject tree will abut the subject tree. Furthermore, a very large limb that supports a significant portion of the crown protrudes directly across the location of the proposed driveway at a low height. This limb would need to be removed which would significantly impact the tree.

Aside from the impacts described above and shown in the following graphic, the tree would be impacted by the demolition and removal of existing street-side curb-and-gutter, flatwork, excavation, new form-work, new paved surfaces, and extensive trenching for PG&E lines near the tree trunk and through a significant portion of the root structure. These impacts along with the loss of a significant portion of the crown make it infeasible to retain the subject tree.



EXISTING CONDITION



PROPOSED NORTH DRIVEWAY
1"=5'

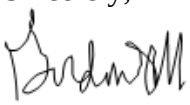
There are a total of 15 trees to be removed that will require mitigation. The total impacted mitigation inches is 201. The mitigation fee is $189 per diameter inch, for a potential total of $37,989. There are landscape trees proposed in the courtyard and new street trees. The mitigation will be met with planting trees on site and street trees, and a mitigation fee paid for the remaining diameter inches not planted, up to $37,989.

Conclusion: There are 15 trees proposed for removal, 9 street trees and 6 trees on private property, with the protected diameter inches totaling 201 inches. A permit will be required for all the protected tree removals. The total required mitigation is 201 inches. The potential mitigation fee is $37,989, less any inches of landscape and street trees planted when the landscape plan is approved.

There are many small Tree of Heaven trees along the railroad frontage fence and one small Tree of Heaven along the 6th Street frontage. There are 2 Callery Pear street trees in poor condition to be removed. No mitigation is proposed for these undersized and poor condition street trees.

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

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 Consultants, Inc.
359 Nevada Street, Suite 201
Auburn, CA 95603
650-740-3461
gordon@caltlc.com
www.caltlc.com

Attachments:
Appendix 1 Images
Appendix 2 Tree List
Appendix 3 Root Pruning and Tree Protection
Appendix 4 Tree Pruning
Resume for Gordon Mann
Certificate of Performance

Appendix 1 – Images

Aerial image of site with tree numbers in approximate locations

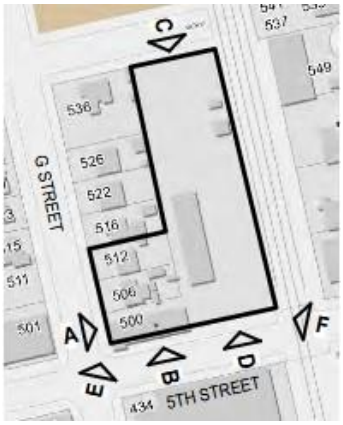
Aerial image with 15 trees to be removed in approximate locations:
8467, 8468, 8469, 8470, 8489, 8491, 8492, 8494, 8495, 8496, 8497, 100, 102, 103, & 1000.

Cork Oak, 8467 on 5th St to be removed

Desert Willow on G St to be removed, London Plane tree to be retained

Trees in front yard of 506 G St to be removed

Trees in front yard and street of 512-500 G St, 2 London Plane street trees to be removed



Key to 6 Photos below of trees

Desert Willow, Citrus, London Plane tree to be removed

Callery Pear to be removed, Zelkova to be retained, Callery Pear to be removed

2 Tree of Heaven to be removed

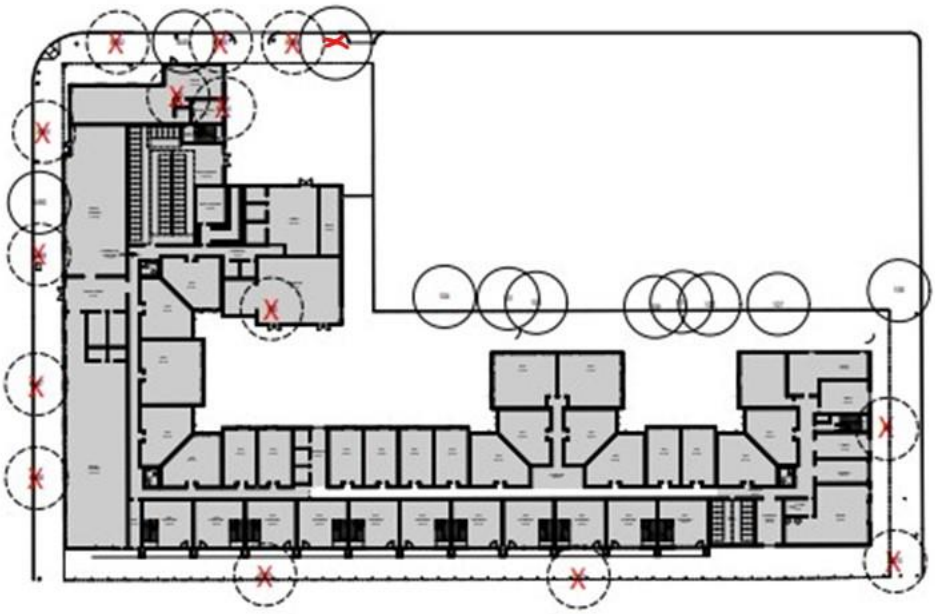
Cork Oak and Black Locust to be removed

View of trees from corner of G Street and 5th Street

View of trees from 5th Street and Artist Alley

Plan showing proposed new building outline, built to property line on G Street and 5th Street

Tree Removal Location Plan showing removal of street trees and trees in conflict with the structure



Appendix 2 Tree List

500 - 512 G St, Davis
Tree List

Tree #	Common Name Species	DBH (in)	Ht Dia Meas At (in)	Canopy Radius (ft)	Condition Rating	Comments	Project Status	Mitigation Inches
8467	Cork Oak Quercus suber	36.9	54	35	3 Fair - Minor Problems	street tree. base flare takes up whole growing space, flare was trimmed back for sidewalk north. 17" low lateral branch leans north 30' over existing parking lot. said 17" north branch will have to be removed or pruned back drastically. good vigor.	Street tree; Pruning to clear building will be excessive and remove 1/2 the crown; The project requires soil bearing excavation and compaction to 4' below grade will be detrimental to the tree's root system; Remove tree.	37
8468	Black Locust Robinia pseudoacacia	11.3	54	16	2 Poor - Major Structure or Health Problems	good base. elevated root south with extensive dead bark. crowded, crossing, rubbing canopy stems. unbalanced canopy northeast over existing parking lot. small branch die back. sparse miniaturized foliage in canopy. fair/low vigor.	Street tree, Remove tree to provide space to construct building	11
8469	Catalpa Catalpa bignonoides	35	24	30	2 Poor - Major Structure or Health Problems	tag on ground with orange flagging. elevated buttress roots. swollen crowded inclusion, with included bark at 4'. sparse damaged foliage throughout tree. fair canopy structure. fair/low vigor.	growing along railroad tracks, consider removal based on poor condition; not a tree of significance	35
8470	Tree of Heaven Ailanthus altissima	9.6	54	17	2 Poor - Major Structure or Health Problems	growing out of asphalt. dead codom stem at grade west. included bark below codom union at 7'. poor structure, unbalanced canopy south. canopy leans low over lot south. 50% damaged foliage. low vigor.	Street tree on 6th Street, remove; not a tree of significance in poor condition; replant with proposed landscape.	0

Tree List page 1 of 5

500 - 512 G St, Davis
Tree List

Tree #	Common Name Species	DBH (in)	Ht Dia Meas At (in)	Canopy Radius (ft)	Condition Rating	Comments	Project Status	Mitigation Inches
8489	Callery Pear Pyrus calleryana	12.5	54	16	1 Very Poor - Extreme Structure or Health Problems	fair base and trunk. 60% dead canopy, south canopy completely dead. north canopy is 30% dead with yellowing wilting foliage. poor structure, low vigor.	Street tree in very poor condition; North crown all that remains and pruning for building clearance will remove most of foliage; propose removal of a very poor condition tree. Mitigate with new street tree planting.	0
8490	Japanese Zelcova Zelkova serrata	14	54	21	3 Fair - Minor Problems	good base and flare. multi stem at 8'. north canopy branches lean over building by roughly 4'. good structure and vigor.	Street tree, Retain tree, prune to provide space to construct building	0
8491	Callery Pear Pyrus calleryana	24.5	54	21	2 Poor - Major Structure or Health Problems	decayed portion of south elevated roots, 40%. multi stem at 7', decayed flush cuts around union. aggressively pruned canopy with poor wound wood response growth. sparse canopy foliage. poor structure,	Street tree; will require pruning of a poor conditoin tree for building clearance of the only live foliage left in crown; Remove. Mitigate with new street tree planting.	0
8492	Desert Willow Chilopsis linearis	9.5	54	23	2 Poor - Major Structure or Health Problems	flare covered in mulch. cracks with dead bark on trunk. codom at 6'. moderate/heavy lean southwest toward street, low canopy. fair foliage health.	Street tree, Remove tree to provide space to construct building	10
8493	London Plane Platanus x hispanica	18.5	54	32	3 Fair - Minor Problems	Offsite, goo base and flare, good structure and vigor, south canopy branches extend into property line	Street tree, Retain tree, prune to provide space to construct building	0
8494	London Plane Platanus x hispanica	22	54	24	3 Fair - Minor Problems	good base and flare. in front yard of 506 G St. good structure and vigor.	Tree in front yard of 506 G. Will need to be removed for plaza and building construction.	22

Tree List page 2 of 5

500 - 512 G St, Davis
Tree List

Tree #	Common Name Species	DBH (in)	Ht Dia Meas At (in)	Canopy Radius (ft)	Condition Rating	Comments	Project Status	Mitigation Inches
8495	London Plane Platanus x hispanica	13.3	54	18	2 Poor - Major Structure or Health Problems	Offsite, fair base. 20% dead canopy branches. poor canopy branch structure. down guy wire grown into westernmost canopy stem. fair vigor.	Street tree, Remove tree to provide space to construct building	13
8496	London Plane Platanus x hispanica	15.2	54	15	2 Poor - Major Structure or Health Problems	Offsite, wound wood around base covering up dead bark. codom at 12'. communication wires crowding lower canopy. topped upper canopy for powerlines directly above.	Street tree, Remove tree to provide space to construct building	15
8497	London Plane Platanus x hispanica	40	24	50	3 Fair - Minor Problems	good base and flare. large lower lateral northeast limb at 6'. broad canopy spread. topped upper middle canopy for powerlines directly above. fair structure. good vigor.	Street tree, Remove tree; PG&E requires a transformer to be located in front of the building on G St, in the vicinity of this tree; The access and pad size include 10' wide and vertical clearance for a crance arm	40
100	Tree of Heaven Ailanthus altissima	4	54	8	2 Poor - Major Structure or Health Problems	multi stem at grade. 2,1,1", growing through fence. poor structure.	remove, undersized and in poor condition	0
101	Evergreen Chinese Elm Ulmus parvifolia	18	36	21	2 Poor - Major Structure or Health Problems	Offsite, fair base and structure. topped canopy. dense foliage. growing in backyard of private residence. canopy stems lean east 14' over property line, low.	Offsite tree should be able to retain and protect; prune for clearance	Retain and protect

Tree List page 3 of 5

500 - 512 G St, Davis
Tree List

Tree #	Common Name Species	DBH (in)	Ht Dia Meas At (in)	Canopy Radius (ft)	Condition Rating	Comments	Project Status	Mitigation Inches
102	Orange Citrus sp	11	20	14	3 Fair - Minor Problems	Offsite, growing on front lawn of 506 G St. good structure and vigor. south canopy limbs extend over property line by 4'.	Tree at 506. Remove for new building.	11
103	Evergreen Chinese Elm Ulmus parvifolia	7	54	12	3 Fair - Minor Problems	fence and shed 2' away. branches lean 10' south over 500 property line.	In building footprint, remove for new building.	7
104	Coast Redwood Sequoia sempervirens	10	54	13	2 Poor - Major Structure or Health Problems	Offsite, fair structure. sparse dying foliage throughout.	Offsite tree should be able to retain and protect.	Retain and protect
105	Evergreen Chinese Elm Ulmus parvifolia	12	54	17	3 Fair - Minor Problems	Offsite, fair base and structure. canopy stems lean over property line east by 7'.	Offsite tree should be able to retain and protect.	Retain and protect
106	Orange Citrus sp	3	54	5	3 Fair - Minor Problems	Offsite, small diameter orange tree.	Undersized, offsite tree, should be able to retain and protect.	Retain and protect
107	Orange Citrus sp	3	54	5	3 Fair - Minor Problems	Offsite, small diameter orange tree.	Undersized, offsite tree, should be able to retain and protect.	Retain and protect
108	Chinese Pistache Pistacia chinensis	22	54	26	3 Fair - Minor Problems	Street tree along 6th Street, crown may overhang driveway entry into property off 6th St	Street tree, retain and protect; pruning for clearance.	Retain and protect
109	European Hackberry Celtis sinensis	19.7	54	14	2 Poor - Major Structure or Health Problems	3 stems at base, 10,11,&13"; Callusing trunk wins with exposed interior wood on all three stems.	Offsite tree should be able to retain and protect.	Retain and protect
111	European Hackberry Celtis sinensis	17.5	54	15	2 Poor - Major Structure or Health Problems	3 stems at base, 10,8,&12"; 2 feet from property fence forks at grade wounds on three stems.	Offsite tree should be able to retain and protect	Retain and protect

Tree List page 4 of 5

500 - 512 G St, Davis
Tree List

Tree #	Common Name Species	DBH (in)	Ht Dia Meas At (in)	Canopy Radius (ft)	Condition Rating	Comments	Project Status	Mitigation Inches
1000	Tree of Heaven Ailanthus altissima	3	54		Extreme Structure or Health Problems	roughly 300' row of small diameter ailanthus sprouts runs along east fence line.	remove, undersized sprouts, replace with landscape plan	0
25 trees in inventory; 12 Street trees; 15 total trees proposed for removal - 9 street trees to be removed for constructing building 8467, 8468, 8470, 8489, 8491, 8492, 8495, 8496, 8497; 3 private trees of significance in fair condition 8494, 102, & 103, & 1 tree of significance in poor condition 8469; 2 undersized trees for removal - Tree of Heaven 100, 1 long row of Trees of Heaven 1000. A total of 201 mitigation inches for trees of significance and street trees. 7 trees proposed to be retained.								201

Color Key

2	undersized or off site retained	3	street tree retained
15	Tree Removals; 9 street trees, 2 undersized trees, 4 private trees of significance	5	protected trees retained

Tree List page 5 of 5

Appendix 3 Root Pruning and Tree Protection

Root Pruning: For excavation around any trees to be retained, the approved roots shall be pruned before the they are removed from the area they are growing in. The excavation should be carefully performed either by hand or talented operator that will not tear roots; and the roots viewed in place to select the roots that will be pruned. The root pruning shall occur at the edge of the work area on the tree side of the excavation area using sharp tools appropriate for the size root to be cut, making clean cuts. After cutting the roots, if the roots are remaining exposed to the sun, they shall be covered with moist burlap and kept from drying out. The burlap should be re-wet daily.

The soil area under the tree should be protected to protect the soil from compaction. Please see the tree protection below:

Tree Protection

Tree protection for all trees to be retained on site shall be shown on the construction drawings and put in place prior to the beginning of demolition or construction work. The presence of existing asphalt or concrete on an existing developed site can be the best form of tree protection.

Tree Protection fencing shall be sturdy chain link fencing placed around open soil areas under and where possible to beyond the drip line of the tree to the extent of the approved construction area. If light equipment needs to work over the roots under the dripline, 4” of wood chip mulch should be placed over the soil, and 1” thick plywood shall be placed over the wood chips to reduce soil compaction. If heavy equipment needs to work over the roots under the dripline, 4” of wood chip mulch should be placed over the soil, and steel plates shall be placed over the wood chips to reduce soil compaction.

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

The fencing shall protect the soil around the street trees. If the concrete can remain in place for the project and any replacement be the latter work, the concrete is the best tree protection for the trees.

Aerial image showing tree protection fencing in gold around trees to be retained

Appendix 4 Tree Pruning Specifications

The objective of the pruning will be to provide building clearance, new use areas clearance and light balance to the crown of adjacent private trees for the new multi-story construction project while retaining as large a crown as possible.

The system will be natural, working to maintain as natural a crown appearance after the pruning as possible.

The area in the crown where the pruning will occur is on the building side of the trees, in the outer crown as much as possible, to provide the clearance for the new building. There may be some pruning on the other side of the trees for clearance and a light balancing of the crown appearance.

The cuts will be branch removal cuts and reduction cuts, made as far from the main trunk as possible and the smallest diameter cuts as possible. There may be an occasional heading cut on lateral branches to avoid large pruning wounds close to the trunk.

The majority of large cuts should not exceed 4 inches diameter.

The amount of foliage to be removed from the trees should not exceed 25% without further approval from the City. While we normally try to prune up to 20%, the need for clearance will require a bit more foliage removal, retaining as much interior and opposite side foliage as possible.

Assumptions and Limitations: This report provides information about the subject trees at the time of the inspection. Trees and conditions may change over time. This report is only valid for the trees with the conditions present at the time of the inspection. All observations were made while standing on the ground.

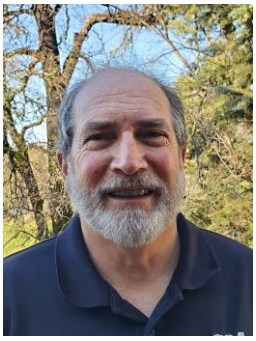
Arborists are tree specialists who use their education, knowledge, training and experience to examine trees, recommend measures to enhance the beauty and health of trees, and attempt to reduce the risk of living near trees. Clients may choose to accept or disregard the recommendations of the arborist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

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 - PresentINTERNATIONAL 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)

PUBLICA TIONS 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 on the site were inspected by an ISA Certified Arborist. I have personally reviewed the tree and site data referred to in this report and have 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 44 years.

Signed:

Gordon Mann
Date: December 20, 2023