

38478 Cedar Boulevard,
Newark, CA

Tree Inventory and Assessment

June 21, 2022

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Robson Homes, LLC
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Summary

The plans are to renovate the area. The tree inventory contains all those located along Cedar Boulevard north and south sides between Smith Avenue to the west and the flood control drainage to the east, and in front of the “Public Storage”. The inventory contains 48 trees comprised of 6 different species with a little more than fifty percent being Canary Island pines (*Pinus canariensis*). Twenty-four trees are in good condition, fourteen fair, four poor, five very poor, and one is dead. Twenty-eight trees will be highly impacted and caused to be removed while the remaining twenty are not expected to be impacted by the proposed improvements.

Assignment, Limits, Purpose and Use

Provide an arborist’s report including an assessment of the trees within the project area and on the adjacent sites where necessary. The assessment is to include the species, size (trunk diameter), and condition (health, structure and form).

The information in this report is limited to the condition of the trees during my inspection on June 4, 2022. No tree risk assessments were performed.

The plans review for this project are Vesting Tentative Track Map 8583, 38478 Cedar Boulevard provided by RJA dated April 13, 2022 sheets 1-13.

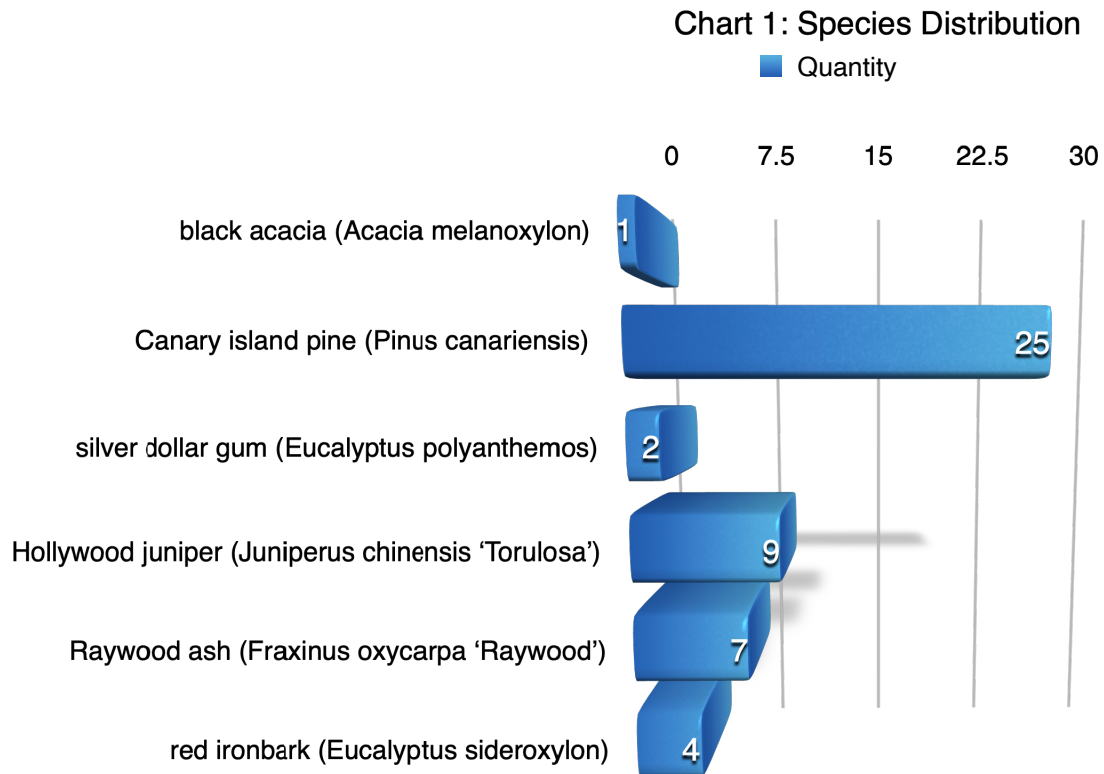
The report is intended to identify all the trees within the plan area that could be affected by a project. The report is to be used by the property owners, owner’s agents, and the City of Newark as a reference for existing tree and site conditions to help satisfy planning requirements.



Observations

The tree inventory contains all those located along Cedar Boulevard north and south sides between Smith Avenue to the west and the flood control drainage to the east.

The inventory contains 48 trees comprised of 6 different species with a little more than fifty percent being Canary Island pines (Chart 1).



Discussion

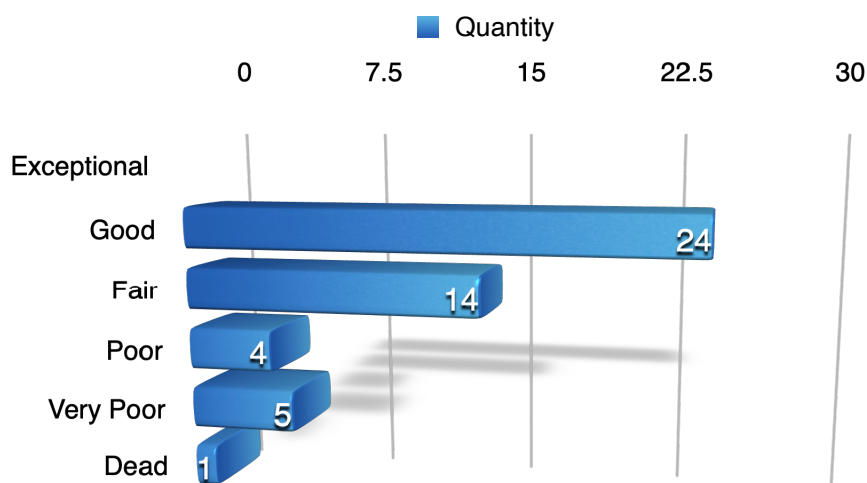
Condition Rating

A tree's condition is a determination of its overall health, structure, and form (ISA 2018). The assessment considered all three characteristics for a combined condition rating.

- 100% - Exceptional = Good health and structure with significant size, location or quality.
- 61-80% - Good = Normal vigor, well-developed structure, function and aesthetics not compromised with good longevity for the site.
- 41-60 % - Fair = Reduced vigor, damage, dieback, or pest problems, at least one significant structural problem or multiple moderate defects requiring treatment. Major asymmetry or deviation from the species normal habit, function and aesthetics compromised.
- 21-40% - Poor = Unhealthy and declining appearance with poor vigor, abnormal foliar color, size or density with potential irreversible decline. One serious structural defect or multiple significant defects that cannot be corrected and failure may occur at any time. Significant asymmetry and compromised aesthetics and intended use.
- 6-20% - Very Poor = Poor vigor and dying with little foliage in irreversible decline. Severe defects with the likelihood of failure being probable or imminent. Aesthetically poor with little or no function in the landscape.
- 0-5% - Dead/Unstable = Dead or imminently ready to fail.

Twenty-four trees are in good condition, fourteen fair, four poor, five very poor, and one is dead (Chart 2). There are several trees in front of the "Public Storage" which have been topped and essentially destroyed including seven Canary Island pines.

Chart 2: Condition Ratings

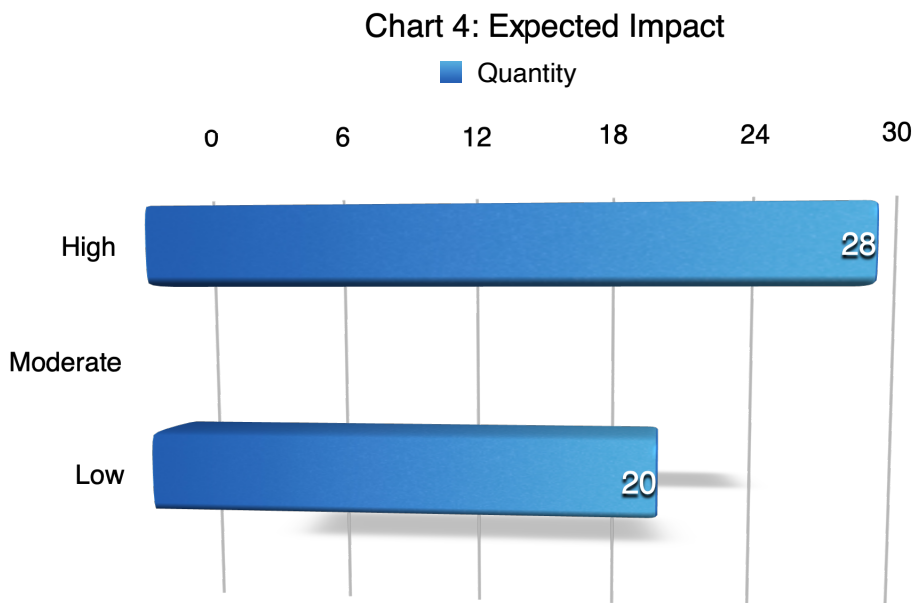


Expected Impact Level

Impact level defines how a tree may be affected by construction activity and proximity to the tree, and is described as low, moderate, or high. The following scale defines the impact rating:

- Low = The construction activity will have little influence on the tree.
- Moderate = The construction may cause future health or structural problems, and steps must be taken to protect the tree to reduce future problems.
- High = Tree structure and health will be compromised and removal is recommended, or other actions must be taken for the tree to remain. The tree is located in the building envelope.

Twenty-eight trees will be highly impacted and caused to be removed while the remaining twenty are not expected to be impacted by the proposed improvements. At least seven trees on the “Public Storage” site are to be retained but should be removed due to condition.



The images below indicates the locations of the trees assessed in this assignment (Image 1 and 2).

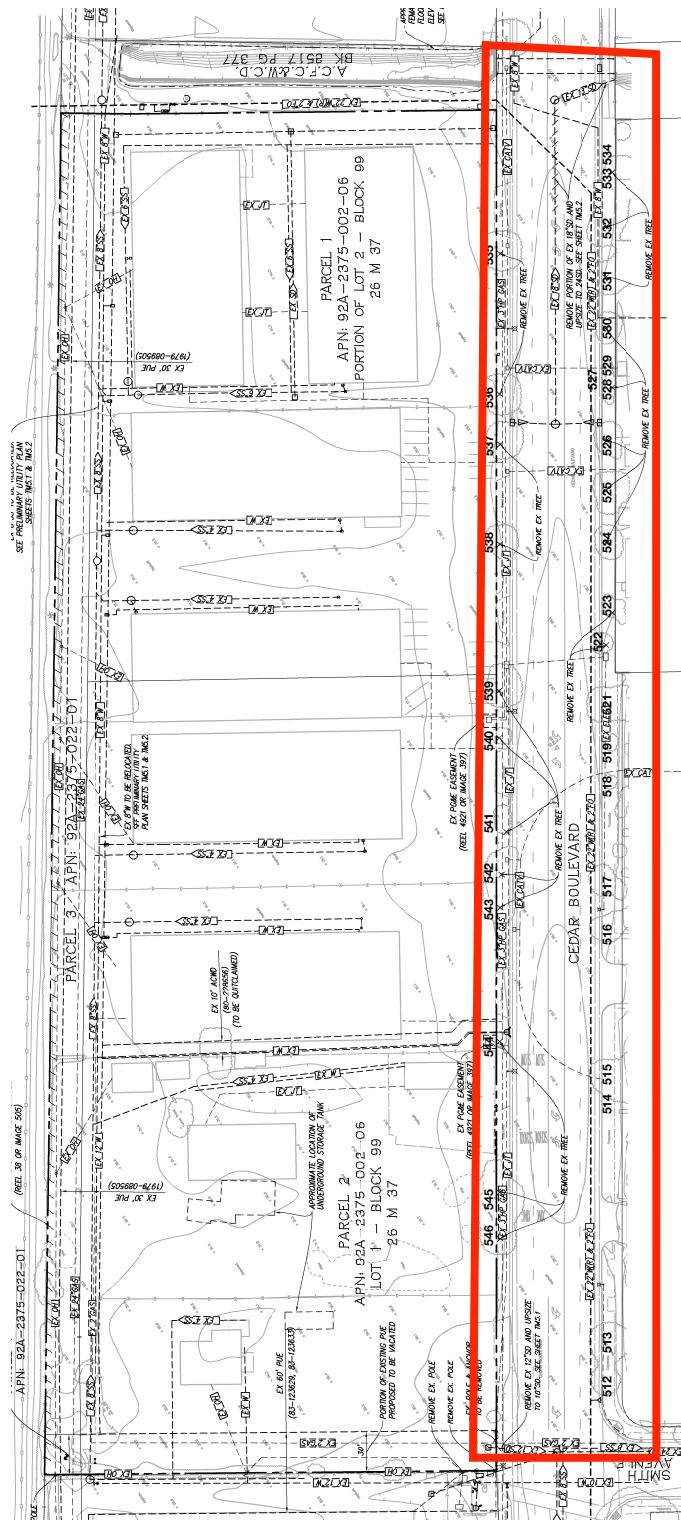


IMAGE 1: TREE LOCATIONS ALONG CEDAR



The "X"s east of the utility pole indicate trees that no longer exist but are shown on the survey.

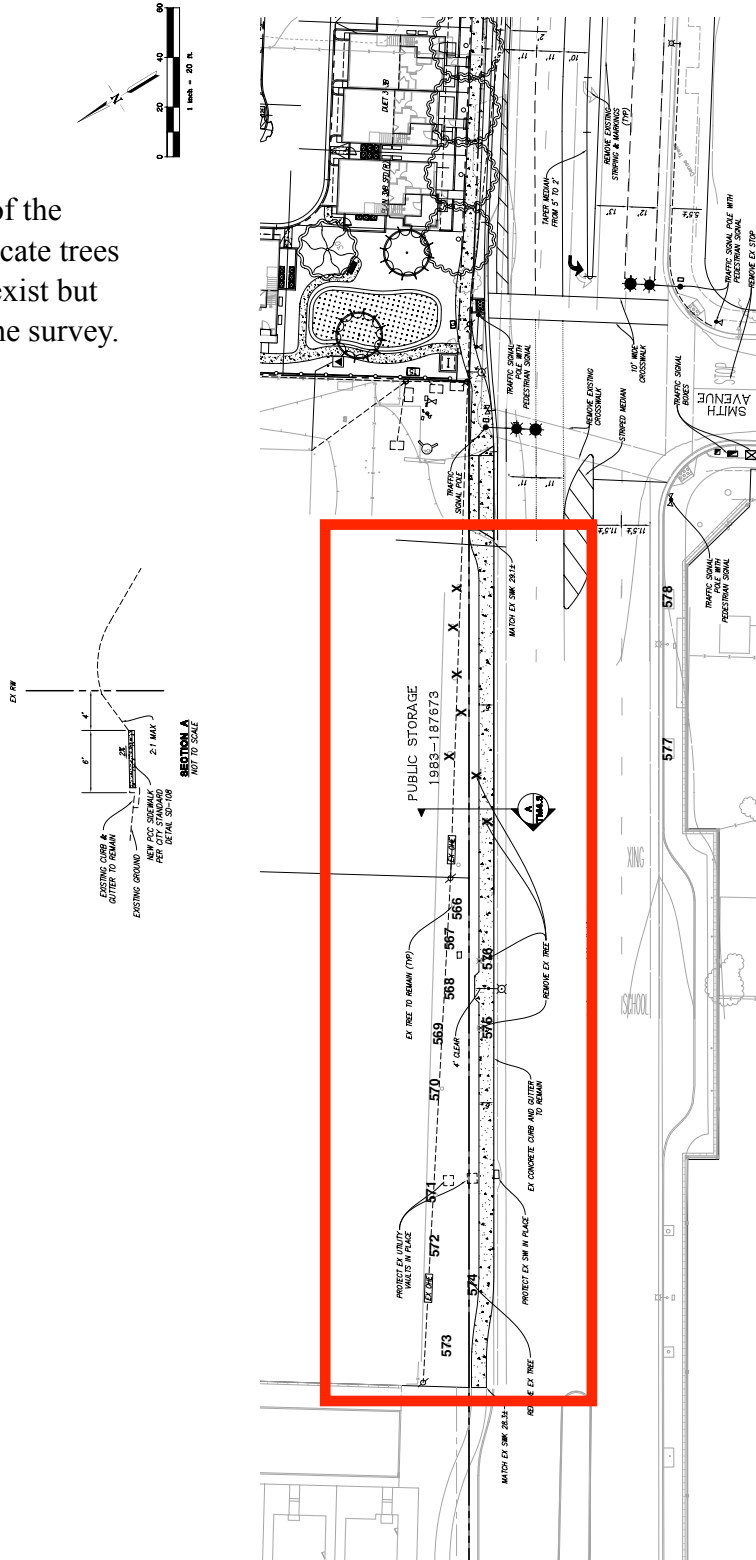


IMAGE 2: TREES ALONG CEDAR IN FRONT OF PUBLIC STORAGE



Conclusion

The tree inventory contains all those located along Cedar Boulevard north and south sides between Smith Avenue to the west and the flood control drainage to the east, and in front of the “Public Storage”. The inventory contains 48 trees comprised of 6 different species with a little more than fifty percent being Canary Island pines. Twenty-four trees are in good condition, fourteen fair, four poor, five very poor, and one is dead. Twenty-eight trees will be highly impacted and caused to be removed while the remaining twenty are not expected to be impacted by the proposed improvements. There are several trees (at least seven) in front of the “Public Storage” that should be considered for removal but are inside that property boundary and not in the right-of way.



Appendix A: Tree Inventory Summary

Table 1: Tree Inventory Summary

Tree Species	I.D. #	Trunk Diameter (in.)	~ Height (ft.)	~ Canopy Diameter (ft.)	Condition	Expected Impact
Canary island pine (<i>Pinus canariensis</i>)	512	19	65	35	Good	Low
Canary island pine (<i>Pinus canariensis</i>)	513	22	65	35	Good	Low
Raywood ash (<i>Fraxinus oxycarpa</i> 'Raywood')	514	10	35	25	Fair	Low
silver dollar gum (<i>Eucalyptus polyanthemos</i>)	515	25	35	35	Good	Low
silver dollar gum (<i>Eucalyptus polyanthemos</i>)	516	22	35	35	Good	Low
Raywood ash (<i>Fraxinus oxycarpa</i> 'Raywood')	517	14	25	20	Fair	Low
Raywood ash (<i>Fraxinus oxycarpa</i> 'Raywood')	518	8	20	15	Good	Low
Hollywood juniper (<i>Juniperus chinensis</i> 'Torulosa')	519	9	10	10	Fair	Low
Hollywood juniper (<i>Juniperus chinensis</i> 'Torulosa')	520	11	10	10	Fair	Low
Raywood ash (<i>Fraxinus oxycarpa</i> 'Raywood')	521	14	25	20	Fair	Low
Raywood ash (<i>Fraxinus oxycarpa</i> 'Raywood')	522	9	15	15	Fair	High
Hollywood juniper (<i>Juniperus chinensis</i> 'Torulosa')	523	8, 4, 6, 4, 4	10	10	Fair	High
Canary island pine (<i>Pinus canariensis</i>)	524	21	65	30	Good	High
Canary island pine (<i>Pinus canariensis</i>)	525	33	65	30	Good	High
Canary island pine (<i>Pinus canariensis</i>)	526	17	65	30	Good	High
Hollywood juniper (<i>Juniperus chinensis</i> 'Torulosa')	527	8	20	10	Fair	High



Tree Species	I.D. #	Trunk Diameter (in.)	~ Height (ft.)	~ Canopy Diameter (ft.)	Condition	Expected Impact
Hollywood juniper (<i>Juniperus chinensis</i> 'Torulosa')	528	12	20	10	Fair	High
Hollywood juniper (<i>Juniperus chinensis</i> 'Torulosa')	529	8	20	10	Fair	High
Canary island pine (<i>Pinus canariensis</i>)	530	21	55	35	Good	High
Canary island pine (<i>Pinus canariensis</i>)	531	19	55	35	Good	High
Canary island pine (<i>Pinus canariensis</i>)	532	22	55	35	Good	High
Hollywood juniper (<i>Juniperus chinensis</i> 'Torulosa')	533	3	8	2	Poor	High
Hollywood juniper (<i>Juniperus chinensis</i> 'Torulosa')	534	4	10	6	Fair	High
Hollywood juniper (<i>Juniperus chinensis</i> 'Torulosa')	535	6	12	8	Fair	High
Canary island pine (<i>Pinus canariensis</i>)	536	22	55	35	Good	High
Canary island pine (<i>Pinus canariensis</i>)	537	29	55	35	Good	High
Canary island pine (<i>Pinus canariensis</i>)	538	28	55	35	Good	High
Canary island pine (<i>Pinus canariensis</i>)	539	27	55	35	Good	High
Canary island pine (<i>Pinus canariensis</i>)	540	28	55	35	Good	High
Canary island pine (<i>Pinus canariensis</i>)	541	14	55	35	Good	High
Canary island pine (<i>Pinus canariensis</i>)	542	14	25	20	Poor	High
black acacia (<i>Acacia melanoxydon</i>)	543	26	35	30	Fair	High
Canary island pine (<i>Pinus canariensis</i>)	544	21	55	35	Good	High
Canary island pine (<i>Pinus canariensis</i>)	545	35	65	55	Good	High



Tree Species	I.D. #	Trunk Diameter (in.)	~ Height (ft.)	~ Canopy Diameter (ft.)	Condition	Expected Impact
Canary island pine (<i>Pinus canariensis</i>)	546	22	55	35	Good	High
Canary island pine (<i>Pinus canariensis</i>)	566	19	45	30	Very poor	Low
Canary island pine (<i>Pinus canariensis</i>)	567	13	45	30	Very poor	Low
Canary island pine (<i>Pinus canariensis</i>)	568	18	45	30	Poor	Low
red ironbark (<i>Eucalyptus sideroxylon</i>)	569	20	45	30	Fair	Low
Canary island pine (<i>Pinus canariensis</i>)	570	16	45	30	Poor	Low
Canary island pine (<i>Pinus canariensis</i>)	571	21	45	30	Very poor	Low
Canary island pine (<i>Pinus canariensis</i>)	572	22	45	30	Very poor	Low
Canary island pine (<i>Pinus canariensis</i>)	573	21	45	30	Dead	Low
red ironbark (<i>Eucalyptus sideroxylon</i>)	574	28	45	30	Very poor	High
red ironbark (<i>Eucalyptus sideroxylon</i>)	575	32	65	35	Good	High
red ironbark (<i>Eucalyptus sideroxylon</i>)	576	22	65	35	Good	High
Raywood ash (<i>Fraxinus oxycarpa</i> 'Raywood')	577	11	35	30	Good	Low
Raywood ash (<i>Fraxinus oxycarpa</i> 'Raywood')	578	13	35	30	Good	Low



Qualifications, Assumptions, and Limiting Conditions

Any legal description provided to the consultant is assumed to be correct. Any titles or ownership of properties are assumed to be good and marketable. All property is appraised or evaluated as though free and clear, under responsible ownership and competent management.

All property is presumed to be in conformance with applicable codes, ordinances, statutes, or other regulations.

Care has been taken to obtain information from reliable sources. However, the consultant cannot be responsible for the accuracy of information provided by others.

The consultant shall not be required to give testimony or attend meetings, hearings, conferences, mediations, arbitration, or trials by reason of this report unless subsequent contractual arrangements are made, including payment of an additional fee for such services.

This report and any appraisal value expressed herein represent the opinion of the consultant, and the consultant's fee is not contingent upon the reporting of a specified appraisal value, a stipulated result, or the occurrence of a subsequent event.

Sketches, drawings, and photographs in this report are intended for use as visual aids, are not necessarily to scale, and should not be construed as engineering or architectural reports or surveys. The reproduction of information generated by architects, engineers, or other consultants on any sketches, drawings, or photographs is only for coordination and ease of reference. Inclusion of said information with any drawings or other documents does not constitute a representation as to the sufficiency or accuracy of said information.

Unless otherwise expressed: a) this report covers only examined items and their condition at the time of inspection; and b) the inspection is limited to visual examination of accessible items without dissection, excavation, probing, or coring. There is no warranty or guarantee, expressed or implied, that structural problems or deficiencies of plants or property may not arise in the future.



Certification of Performance

I Richard Gessner, Certify:

That I have personally inspected the tree(s) and/or the property referred to in this report, and have stated my findings accurately. The extent of the evaluation and/or appraisal is stated in the attached report and Terms of Assignment;

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

That the analysis, opinions and conclusions stated herein are my own;

That my analysis, opinions, and conclusions were developed and this report has been prepared according to commonly accepted Arboricultural practices;

That no one provided significant professional assistance to the consultant, except as indicated within the report.

That 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 assessment, the attainment of stipulated results, or the occurrence of any other subsequent events;

I further certify that I am a Registered Consulting Arborist® with the American Society of Consulting Arborists, and that I acknowledge, accept and adhere to the ASCA Standards of Professional Practice. I am an International Society of Arboriculture Board Certified Master Arborist® and Tree Risk Assessor Qualified. I have been involved with the practice of Arboriculture and the care and study of trees since 1998.

Richard J. Gessner



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