

# Tree Management Experts

## Consulting Arborists

3109 Sacramento Street  
San Francisco, CA 94115

Member, American Society of Consulting Arborists  
Certified Arborists, Tree Risk Assessment Qualified

email [Roy@treemanagementexperts.com](mailto:Roy@treemanagementexperts.com)

cell 415.606.3610

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## Darco

Attn: Daniela Susini  
999 W Taylor St, Ste A  
San Jose, CA 95126

RE: 2150 Old Middlefield Way, Mountain View

Date: 9/16/24

## ARBORIST MEMORANDUM

### Assignment

- Provide a site visit to inspect all trees on and adjacent to the project site which may be impacted by development.
- Install a uniquely numbered industry-standard aluminum tree tag on each tree.
- Identify each tree by number, and include tree species, health and tree size (including diameter, height, spread).
- Identify tree status as Heritage, City-street tree or unregulated tree, and the proposed status as to be removed, retained or relocated.
- Locate all trees using precision GPS.
- Provide a graphic site plan labeling all locations by tree tag number.
- Provide an Arborist Report of findings and recommendations, with tree sites shown on an aerial image or on a survey.

### Findings

We visited the site on April 11, 2024. While on site we inventoried 71 trees. Of these, 30 are Heritage Trees, 4 trees are on adjacent properties, 10 are street trees, and 30 are unregulated trees on the subject property. Basic data was collected on each tree and can be found in the attached data table.

The trees were tagged on site using 1-1/4" aluminum tree tags and nails and were located using precision GPS. These locations were used to create the attached map of tree locations and to locate them on the attached marked-up survey.

In order to install the new curb cut and driveway along Reinert Road as shown in plans, 2 Street Trees 476, 477, and 478 will need to be removed. The trees are in average condition, but in order to utilize the site as intended for vehicle service, a second entrance is necessary. The City may require that the trees be replaced either on site or off-site. They may also require that a bond be posted to ensure that replacement trees are planted. As these are street trees, the developer will have to justify the economic necessity of removing these trees to the planning department. Proposed replanting sites are marked on the attached site plan.

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## Discussion

Tree locations have been plotted on the appended site plan along with Tree Protection Fencing locations.

The City of Mountain View requires that proper Tree Protection Measures be in place prior to any construction work taking place on a project site. These protection measures must extend to the dripline of a Protected Tree.

Any work being conducted within the TPZ of any Protected tree that will impact soils or the canopy of a tree requires that the Project Arborist be on site. Root buffers must be installed as specified after pavement demolition is completed.

This report in its entirety shall be tiled into a plan sheet and shall be a part of the construction drawings for this project.

Tree Management Experts shall be the Project Arborists for this Project.

### **Primary Contact:**

Aaron Wang  
Certified Arborist MW-5597A  
847.630.3599  
[aaron@treemanagementexperts.com](mailto:aaron@treemanagementexperts.com)

### **Alternate Contact:**

Roy Leggitt  
Certified Arborist WE-0564A  
415.606.3610  
[roy@treemanagementexperts.com](mailto:roy@treemanagementexperts.com)

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## **Tree Protection**

### **Construction Procedures**

#### *DEMOLITION*

All tree protective fencing, root buffers, and mulch must be in place prior to demolition. Refer to specific sections below for proper installation of each of these items.

At no time is any wheeled or tracked equipment (including wheelbarrows) or an excavator allowed to enter or cross over TPZ areas, except where a temporary root buffer has been installed. Use of a tracked Bobcat® or similar loader may be used within TPZ areas only on required root buffers, within the footprint of existing structures, or when the Project Arborist is on site to determine appropriate access points and to monitor soil and root conditions.

#### *STAGING AREAS*

Staging areas are available outside of TPZ areas throughout the site. Storing and staging within TPZ areas can only be done on top of a required root buffer or on existing pavement and with proper trunk protection, as specified in this report.

#### *BACKFILL AND FILL SOIL*

Within TPZ areas, all backfill and fill soil shall be comprised of clean native topsoil. Soil must be placed without tamping, vibration, rolling, saturating or otherwise causing compaction that exceeds 85 percent. No fill soil movement or placement may be done during wet soil conditions. Do not place, store or stage any fill soil within TPZ areas, except where backfilling against the construction perimeter.

### **Tree Protection Measures**

#### *Tree Protection Implementation Methods*

To implement tree protection measures effectively, precise measurement for fence locations is critical. Proper skills and equipment are required to place fences where they belong. Measurement of distances must be to within 6 inches, and cannot be completed properly by using either estimated or “paced off” distances. Required equipment will include an appropriate Engineer’s scale and either a laser range finder or a 100-foot tape measure with a helper.

It is recommended that fence posts be installed first. Measure each Tree Protection Zone (TPZ), scaling distances off the Site Plans and marking the TPZ locations with marking paint. Similarly, where root buffers are to be installed, measure the precise location of the

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footings, scaling distances off the Site Plans and marking the footing locations with marking paint. Measure fence locations at the appropriate distance away from each footing.

Fence boundaries must meet, match and enclose areas defined by existing sidewalk surfaces and property line fences. The exact location of existing sidewalks and fences is not known and must be determined in the field.

Surface installations such as root buffers, irrigation and mulch must be installed in appropriate locations between areas identified by fence posts. Root buffers may be installed to replace fenced areas at the discretion of the contractor in order to provide better access. Alterations in tree protection should be inspected by the Project Arborist.

Following surface installations, chain link fencing must be strung tightly and closed off at all locations, including where abutting existing wooden fences.

### Tree Protection Measures for All Areas

#### *TREE PROTECTIVE FENCING AND WARNING SIGNS*

Placement: fence installation lines shall enclose the area defined on the attached site plan.

Type and Size: 6-foot high chain link fencing shall be placed on 2 inch tubular galvanized iron posts driven a minimum of 2 feet into undisturbed soil and spaced not more than 10 feet on center.

Duration: Tree fencing shall be erected prior to any demolition activity, and shall remain in place for the duration of the project.

'Warning' Signs: 'Warning' signs shall be posted on each side of each Tree Protective Fencing and not more than every 20 linear feet-use the attached warning sign at the end of this document.

#### *TRUNK WRAP*

Where root buffers are installed in lieu of Tree Protective Fencing around the base of trees, the trunks of protected trees shall be protected with one of the following methods:

Option 1: Planking: The trunk should be wrapped with a minimum of 4 layers of orange plastic snow fencing, then a layer of 2X4 planks set on end, edge-to-edge and wrapped with a minimum of 4 additional layers of orange plastic snow fencing. Do not nail the planks to the trunk.

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Option 2: Straw wattle wrap: This method may be easier to install on multi-trunk trees. Wrap the lower 6 feet of the trunk with straw wattles and secure with a layer of orange plastic snow fencing.

### *MULCH*

Placement: All areas enclosed by Tree Protective Fencing shall have a 4 to 6-inch deep layer of mulch applied, leaving a 12-inch distance around each tree trunk free of mulch. Freshly landscaped areas will not require mulching.

Type and Size: Mulch material shall be 2-inch unpainted, untreated wood chip mulch or an approved equal.

Duration: Mulch shall be placed in all designated areas prior to any demolition or construction activity and shall remain in place for the duration of the project.

### *ROOT BUFFER*

Placement: A temporary protective Root Buffer must be installed before any driving, storing or staging takes place within any TPZ areas. If better access is required or existing pavement is removed within TPZ areas, root buffers must be installed to protect tree roots and soils horticultural properties.

Type and Size: The Root Buffer shall consist of a base course of tree chips spread over each designated area to a minimum depth of 6 inches. In some cases it may further stabilize the tree chips to place a cap of a base course of 3/4-inch quarry gravel. The root buffer must be covered with a 3/4-inch or thicker layer of plywood. Additional wood chips may be added periodically upon the recommendation of the Project Arborist following monthly inspections.

Duration: All Root Buffers shall be placed in all designated areas prior to any demolition or construction activity and shall remain in place for the duration of the project.

## **Construction Impact Mitigation**

### *GRADE CHANGES*

Grading changes shall not exceed 6 inches of depth in cuts, or 6 inches of depth in fill where such grade changes are within Tree Protection Zones.

### *UTILITY TRENCHING*

If any utility trenches must be excavated through any TPZ area, either directional boring or Air-spade® (or equivalent) excavation is required.

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## Prohibited Activities

Activities prohibited within the TPZ

(A) Excavation, grading, soil deposit, drainage and leveling unless approved by the City Arborist.

(B) Disposal or depositing of oil, gasoline, chemicals, paints, solvents or other materials within the TPZ or in drainage channels, swales or areas that may lead to the Dripline.

(C) Soil Compaction from heavy machinery and vehicles, storage of materials, structures, paving, etc.

(D) Trenching or excavation to provide irrigation, utility lines, services, pipe, drainage or other improvements below grade.

(E) Storage of any materials or equipment of any kind.

(F) Parking or driving vehicles or self-propelled equipment.

(G) Alteration of the Dripline so as to increase the encroachment of the construction.

## Maintenance and Ongoing Care

Tree maintenance and ongoing care is necessary in preparation for construction, and throughout the entire timeline for construction. Anticipated needs include pruning and tree protection during landscape construction:

### *PRUNING*

Pruning shall be done by a Certified Arborist in accordance with the current ANSI A300 Pruning Standards and International Society of Arboriculture (ISA) Best Management Practices.

Pruning shall be in accordance with that outlined in the data table.

### *DUST CONTROL*

During periods of extended drought, or grading, spray trunk, limbs, and foliage to remove accumulated construction dust.

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### *IRRIGATION*

At this point supplemental irrigation is recommended for the redwood trees on site as they are drought stressed. During the course of construction, irrigation may be deemed necessary on an as needed basis for trees that show signs of construction related decline.

In cases where irrigation is deemed necessary it shall consist of 1 time per month during the irrigation season (usually March through September, depending on precipitation) in the amount of 10 gallons per inch of trunk diameter to be evenly applied within the dripline.

### *SOIL COMPACTION DAMAGE*

Compaction of the soil is significantly detrimental to the long-term viability of Protected trees on construction sites due to suffocation of roots. If inadvertent compaction of the soil has occurred within the TPZ, the soil shall be loosened by a method approved by the City Arborist, such as Vertical Mulching or Soil Fracturing.

## Reporting

The City Building Official and Managing Arborist must be notified whenever any Damage or injury occurs to a Protected Tree during construction so that proper treatment may be administered. Any Disturbance and/or Damage or Injury to Protected trees, whether accidental or otherwise, as verified by the City Arborist, shall be reported within 6-hours to the Project Arborist and City Arborist so that mitigation can take place. An Arborist Report shall be required and shall include, but not be limited to, the Disturbance and/or Damage that occurred and identified mitigation. All Injury to branches, trunk or to roots over 2-inches in diameter shall be reported in the Inspection Report. Any Trenching work 10x the diameter of the Protected tree is required to be reported.

### *MITIGATION*

Mitigation for Disturbance and/or Damage or Injury to Protected trees will be directed and performed under the Project Arborist's supervision.

Typical mitigation efforts for Disturbance and/or Damage may include, but not be limited to, the following:

a. Root injury

If trenches are cut and Protected tree roots 2-inches or larger are encountered they shall be cleanly cut back to a sound wood lateral root under the supervision of the Project Arborist. The end of the severed root shall be sealed and kept moist. All exposed root areas within the TPZ shall be backfilled or covered within one hour. Exposed roots shall be kept from drying out by temporarily covering the roots and draping layered burlap or carpeting over the upper 3-feet of trench walls. The materials shall be kept wet until

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backfilled to reduce evaporation from the trench walls

b. Bark or trunk wounding

Current bark tracing and treatment methods shall be performed by a qualified tree care specialist within two days.

c. Scaffold branch or leaf canopy injury

Remove broken or torn branches back to an appropriate branch capable of resuming terminal growth within five days. If leaves are heat scorched from equipment exhaust pipes, the Project Arborist shall be informed within 6 hours.

d. Fertilization and watering

## Inspection Schedule

The Project Arborist shall conduct the following required inspections of construction sites containing protected Protected trees. Inspections shall verify implementation of the approved Tree Protection and Preservation Plan.

1. Pre-Construction Meeting

Prior to commencement of construction, the applicant or contractor shall conduct a pre-construction meeting to discuss Protected tree protection and the tree preservation and protections standards and specifications of this document with the job site superintendent, grading equipment operators, Project Arborist, and City Arborist.

2. Inspection of Protective Tree Fencing

Prior to issuance of a demolition, grading, or building permit, the Project Arborist shall provide the City Arborist with a written statement verifying that the Project Arborist has conducted a field inspection of the Protected trees and that the protective tree fencing, and signage is in place.

3. Rough Grading Inspection

The Project Arborist shall perform an inspection during the course of rough grading adjacent to the TPZ to ensure Protected trees will not be injured by compaction, cut or fill, drainage and Trenching, and if required, inspect aeration systems, tree wells, drains and special paving. The contractor shall provide the Project Arborist at least 72 hours advance notice of such activity.

4. As-Needed Inspections



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The Project Arborist shall be present whenever activities occur which will pose a potential threat to the health of the Protected Trees or whenever any work needs to be done within the Dripline of such tree.

### 5. Landscape Phase

Protected tree protection fencing is required to remain in place during the landscape phase of each project. No Trenching for irrigation or plantings shall occur within the TPZ of Protected trees. No irrigation should be installed within the TPZ of a Protected Oak tree.

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## Assumptions and Limiting Conditions

1. Any legal description provided to the consultant is assumed to be correct. Title and ownership of all property considered are assumed to be good and marketable. No responsibility is assumed for matters legal in character. Any and all property is appraised or evaluated as though free and clear, under responsible ownership and competent management.
2. It is assumed that any property is not in violation of any applicable codes, ordinances, statutes or other governmental regulations.
3. Care has been taken to obtain all information from reliable sources. All data has been verified insofar as possible. The consultant can neither guarantee nor be responsible for the accuracy of information provided by others.
4. Various diagrams, sketches and photographs in this report are intended as visual aids and are not to scale, unless specifically stated as such on the drawing. These communication tools in no way substitute for nor should be construed as surveys, architectural or engineering drawings.
5. Loss or alteration of any part of this report invalidates the entire report.
6. Possession of this report or a copy thereof does not imply right of publication or use for any purpose by any other than the person to whom it is addressed, without the prior written or verbal consent of the consultant.
7. This report is confidential and to be distributed only to the individual or entity to whom it is addressed. Any or all of the contents of this report may be conveyed to another party only with the express prior written or verbal consent of the consultant. Such limitations apply to the original report, a copy, facsimile, scanned image or digital version thereof.
8. This report represents the opinion of the consultant. In no way is the consultant's fee contingent upon a stipulated result, the occurrence of a subsequent event, nor upon any finding to be reported.
9. The consultant shall not be required to give testimony or to attend court by reason of this report unless subsequent contractual arrangements are made, including payment of an additional fee for such services as described in the fee schedule, an agreement or a contract.
10. Information contained in this report reflects observations made only to those items described and only reflects the condition of those items at the time of the site visit. Furthermore, the inspection is limited to visual examination of items and elements at the site, unless expressly stated otherwise. There is no expressed or implied warranty or guarantee that problems or deficiencies of the plants or property inspected may not arise in the future.

## Disclosure Statement

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 to seek additional advice.

Arborists cannot detect every condition that could possibly lead to the structural failure of a tree. Trees are living organisms that 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.

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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, and other issues. An arborist cannot take such considerations into account unless complete and accurate information is disclosed to the arborist. An arborist should then be expected to reasonably rely upon the completeness and accuracy of the information provided.

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

### Certification of Performance

I, Roy C. Leggitt, III, Certify:

- That we have inspected the trees and/or property evaluated in this report. We have stated findings accurately, insofar as the limitations of the Assignment and within the extent and context identified by this report;
- That we have no current or prospective interest in the vegetation or any real estate that is the subject of this report, and have no personal interest or bias with respect to the parties involved;
- That the analysis, opinions and conclusions stated herein are original and are based on current scientific procedures and facts and according to commonly accepted arboricultural practices;
- That no significant professional assistance was provided, except as indicated by the inclusion of another professional report within this report;
- That compensation is not contingent upon the reporting of a predetermined conclusion that favors the cause of the client or any other party.

I am a member in good standing of the American Society of Consulting Arborists and a member and Certified Arborist with the International Society of Arboriculture.

I have attained professional training in all areas of knowledge asserted through this report by completion of a Bachelor of Science degree in Plant Science, by routinely attending pertinent professional conferences and by reading current research from professional journals, books and other media.

I have rendered professional services in a full-time capacity in the field of horticulture and arboriculture for more than 34 years.

*Roy C. Leggitt, III*  
Signed: \_\_\_\_\_  
Certified Arborist WE-0564A

Date: 9/16/2024

[roy@treemanagementexperts.com](mailto:roy@treemanagementexperts.com)  
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## Certification of Performance

I, Aaron Wang, Certify:

- That we have inspected the trees and/or property evaluated in this report. We have stated findings accurately, insofar as the limitations of the Assignment and within the extent and context identified by this report;
- That we have no current or prospective interest in the vegetation or any real estate that is the subject of this report, and have no personal interest or bias with respect to the parties involved;
- That the analysis, opinions and conclusions stated herein are original and are based on current scientific procedures and facts and according to commonly accepted arboricultural practices;
- That no significant professional assistance was provided, except as indicated by the inclusion of another professional report within this report;
- That compensation is not contingent upon the reporting of a predetermined conclusion that favors the cause of the client or any other party.

I am a member and Certified Arborist with the International Society of Arboriculture.

I have attained professional training in all areas of knowledge asserted through this report by completion of a Bachelor of Science degree in Forestry and Natural Resources, by routinely attending pertinent professional conferences and by reading current research from professional journals, books and other media.

I have rendered professional services in a full-time capacity in the field of horticulture and arboriculture for more than 10 years.

*Signed:* \_\_\_\_\_

*Certified Arborist MW-5597A*

*Date:* 9/16/2024

Contact:

[Aaron@treemanagementexperts.com](mailto:Aaron@treemanagementexperts.com)

847.630.3599

2150 Old Middlefield Way  
Tree Data

Tag #	Botanic Name	Common Name	DBH (in)	Circumference (in)	Height (ft)	Spread (ft)	Health (%)	Structure (%)	Heritage Size	Street Tree	Unregulated	Neighboring Property	Disposition	Latitude	Longitude
414	<i>Cinnamomum camphora</i>	camphor tree	25	79	30	40	70	70	X			X	Retain	37.41476439	-122.0939394
415	<i>Pinus pinea</i>	Italian stone pine	54	170	30	40	70	50	X				Retain	37.41474083	-122.0940083
416	<i>Sequoia sempervirens</i>	coast redwood	8	25	10	10	70	60	X				Retain	37.41483949	-122.0940233
417	<i>Sequoia sempervirens</i>	coast redwood	3	9	10	10	70	70			X		Retain	37.41485087	-122.0940242
418	<i>Sequoia sempervirens</i>	coast redwood	4	13	10	10	70	70	X				Retain	37.41486577	-122.0940271
419	<i>Sequoia sempervirens</i>	coast redwood	2	6	10	10	60	60			X		Retain	37.41487353	-122.0940269
420	<i>Sequoia sempervirens</i>	coast redwood	4	13	10	10	70	70	X				Retain	37.41488491	-122.0940291
421	<i>Sequoia sempervirens</i>	coast redwood	4	13	10	10	70	70	X				Retain	37.41489704	-122.0940308
422	<i>Sequoia sempervirens</i>	coast redwood	3	9	10	10	70	60			X		Retain	37.4149063	-122.0940293
423	<i>Sequoia sempervirens</i>	coast redwood	5	16	10	10	70	70	X				Retain	37.41491758	-122.0940325
424	<i>Sequoia sempervirens</i>	coast redwood	4	13	10	10	70	60	X				Retain	37.41492965	-122.0940332
425	<i>Sequoia sempervirens</i>	coast redwood	2	6	10	10	70	70			X		Retain	37.41494058	-122.0940342
426	<i>Sequoia sempervirens</i>	coast redwood	2	6	10	10	70	70			X		Retain	37.41494865	-122.0940364
427	<i>Sequoia sempervirens</i>	coast redwood	4	13	10	10	70	60	X				Retain	37.41496194	-122.0940383
428	<i>Sequoia sempervirens</i>	coast redwood	4	13	10	10	70	70	X				Retain	37.41497114	-122.0940403
429	<i>Sequoia sempervirens</i>	coast redwood	3	9	10	10	70	70			X		Retain	37.41498419	-122.0940411
430	<i>Sequoia sempervirens</i>	coast redwood	4	13	10	10	70	70	X				Retain	37.41499418	-122.0940436
431	<i>Sequoia sempervirens</i>	coast redwood	2	6	10	10	70	70			X		Retain	37.4150036	-122.0940464
432	<i>Sequoia sempervirens</i>	coast redwood	5	16	10	10	70	70	X				Retain	37.41501384	-122.0940485
433	<i>Sequoia sempervirens</i>	coast redwood	4	13	10	10	70	70	X				Retain	37.41502592	-122.0940481
434	<i>Sequoia sempervirens</i>	coast redwood	3	9	10	10	70	70			X		Retain	37.41503751	-122.0940467
435	<i>Sequoia sempervirens</i>	coast redwood	2	6	10	10	70	70			X		Retain	37.41504893	-122.0940513
436	<i>Sequoia sempervirens</i>	coast redwood	3	9	10	10	70	70			X		Retain	37.41505788	-122.094056
437	<i>Sequoia sempervirens</i>	coast redwood	3	9	10	10	70	70			X		Retain	37.41506999	-122.0940555
438	<i>Sequoia sempervirens</i>	coast redwood	1	3	10	10	70	70			X		Retain	37.41508065	-122.0940581
439	<i>Sequoia sempervirens</i>	coast redwood	7	22	10	10	70	70	X				Retain	37.41509133	-122.0940601

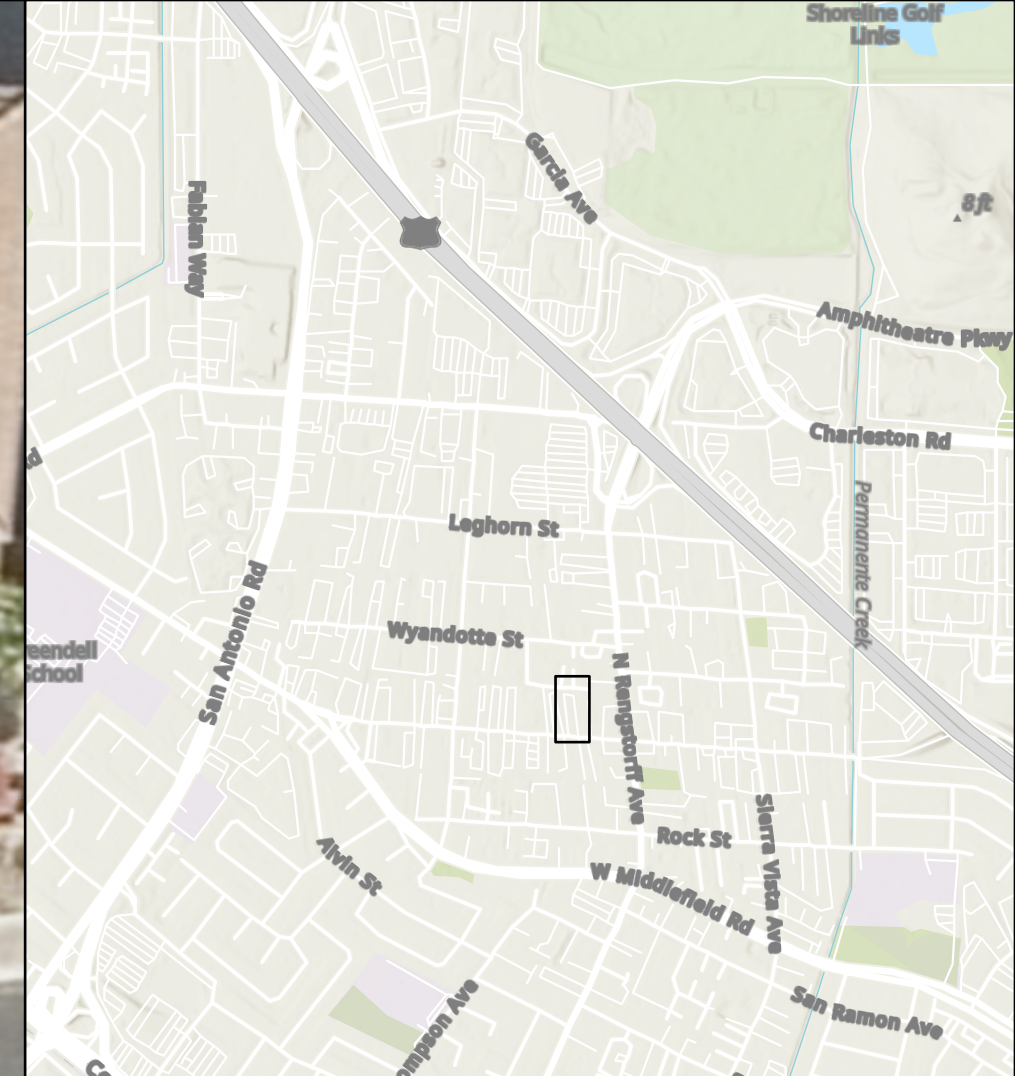
2150 Old Middlefield Way  
Tree Data

Tag #	Botanic Name	Common Name	DBH (in)	Circumference (in)	Height (ft)	Spread (ft)	Health (%)	Structure (%)	Heritage Size	Street Tree	Unregulated	Neighboring Property	Disposition	Latitude	Longitude
440	<i>Sequoia sempervirens</i>	coast redwood	2	6	10	10	10	70			X		Retain	37.41510561	-122.0940588
441	<i>Sequoia sempervirens</i>	coast redwood	2	6	10	10	10	70			X		Retain	37.41511602	-122.0940573
442	<i>Sequoia sempervirens</i>	coast redwood	2	6	10	10	70	70			X		Retain	37.4151229	-122.0940594
443	<i>Sequoia sempervirens</i>	coast redwood	3	9	10	10	70	70			X		Retain	37.41513444	-122.0940632
444	<i>Sequoia sempervirens</i>	coast redwood	3	9	10	10	70	70			X		Retain	37.41514306	-122.0940672
445	<i>Sequoia sempervirens</i>	coast redwood	5	16	10	10	70	70	X				Retain	37.41515733	-122.0940697
446	<i>Sequoia sempervirens</i>	coast redwood	3	9	10	10	70	70			X		Retain	37.4151703	-122.0940663
447	<i>Sequoia sempervirens</i>	coast redwood	2	6	10	10	70	70			X		Retain	37.41518005	-122.0940728
448	<i>Sequoia sempervirens</i>	coast redwood	2	6	10	10	70	70			X		Retain	37.41519132	-122.0940724
449	<i>Sequoia sempervirens</i>	coast redwood	4	13	10	10	70	70	X				Retain	37.41520236	-122.0940712
450	<i>Sequoia sempervirens</i>	coast redwood	4	13	10	10	30	70	X				Retain	37.41522301	-122.0940721
451	<i>Sequoia sempervirens</i>	coast redwood	4	13	10	10	70	70			X		Retain	37.41523188	-122.0940778
452	<i>Sequoia sempervirens</i>	coast redwood	3	9	10	10	70	70			X		Retain	37.41524548	-122.0940787
453	<i>Sequoia sempervirens</i>	coast redwood	4	13	10	10	70	70	X				Retain	37.41525766	-122.0940821
454	<i>Sequoia sempervirens</i>	coast redwood	4	13	10	10	70	70	X				Retain	37.41527625	-122.0940835
455	<i>Sequoia sempervirens</i>	coast redwood	2	6	10	10	70	70			X		Retain	37.41528558	-122.0940842
456	<i>Sequoia sempervirens</i>	coast redwood	4	13	10	10	70	70	X				Retain	37.41530004	-122.0940904
457	<i>Sequoia sempervirens</i>	coast redwood	3	9	10	10	70	70			X		Retain	37.41531033	-122.0940899
458	<i>Sequoia sempervirens</i>	coast redwood	3	9	10	10	70	70			X		Retain	37.41532275	-122.0940905
459	<i>Sequoia sempervirens</i>	coast redwood	4	13	10	10	70	70	X				Retain	37.41533216	-122.0940928
460	<i>Sequoia sempervirens</i>	coast redwood	2	6	10	10	70	70			X		Retain	37.41534531	-122.0940955
461	<i>Sequoia sempervirens</i>	coast redwood	4	13	10	10	70	70	X				Retain	37.41535473	-122.094098
462	<i>Sequoia sempervirens</i>	coast redwood	4	13	10	10	70	70	X				Retain	37.41536514	-122.0941032
463	<i>Sequoia sempervirens</i>	coast redwood	3	9	10	10	70	70			X		Retain	37.41537512	-122.0941049
464	<i>Sequoia sempervirens</i>	coast redwood	3	9	10	10	70	70			X		Retain	37.41538531	-122.0941064

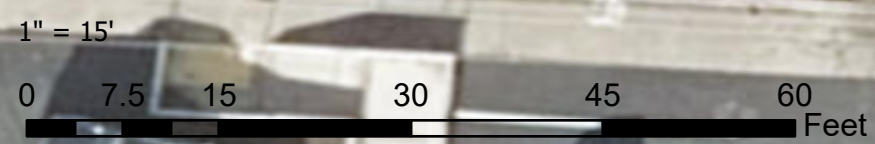
2150 Old Middlefield Way  
Tree Data

Tag #	Botanic Name	Common Name	DBH (in)	Circumference (in)	Height (ft)	Spread (ft)	Health (%)	Structure (%)	Heritage Size	Street Tree	Unregulated	Neighboring Property	Disposition	Latitude	Longitude
465	<i>Phoenix canariensis</i>	Canary Island date palm	12	38	10	10	70	70	X				Retain	37.41539406	-122.0941064
466	<i>Sequoia sempervirens</i>	coast redwood	4	13	10	10	70	70	X				Retain	37.41539885	-122.0941087
467	<i>Sequoia sempervirens</i>	coast redwood	2	6	10	10	70	70			X		Retain	37.41541111	-122.0941086
468	<i>Sequoia sempervirens</i>	coast redwood	4	13	10	10	70	70	X				Retain	37.41542232	-122.0941078
469	<i>Sequoia sempervirens</i>	coast redwood	4	13	10	10	70	70	X				Retain	37.41543605	-122.0941103
470	<i>Sequoia sempervirens</i>	coast redwood	2	6	10	10	70	70			X		Retain	37.41545543	-122.0941104
471	<i>Sequoia sempervirens</i>	coast redwood	4	13	10	10	70	70	X				Retain	37.41546603	-122.0941153
472	<i>Sequoia sempervirens</i>	coast redwood	4	13	10	10	70	70	X				Retain	37.41548393	-122.0941144
473	<i>Sequoia sempervirens</i>	coast redwood	6	19	20	10	70	70	X				Retain	37.41550315	-122.0941162
474	<i>Prunus cerasifera</i> 'Thundercloud'	Thundercloud flowering cherry	5	16	10	10	70	70		X		X	Retain	37.41555412	-122.0940957
475	<i>Prunus cerasifera</i> 'Thundercloud'	Thundercloud flowering cherry	4	13	10	10	70	70		X			Retain	37.41555543	-122.0941362
476	<i>Prunus cerasifera</i> 'Thundercloud'	Thundercloud flowering cherry	5	16	10	10	70	70		X			Retain	37.41555958	-122.0941781
477	<i>Prunus cerasifera</i> 'Thundercloud'	Thundercloud flowering cherry	6	19	10	10	70	70		X			Retain	37.41556218	-122.0942339
478	<i>Prunus cerasifera</i> 'Thundercloud'	Thundercloud flowering cherry	5	16	10	10	70	70		X			Retain	37.41556484	-122.0942817
479	<i>Prunus cerasifera</i> 'Thundercloud'	Thundercloud flowering cherry	6	19	10	10	70	70		X			Retain	37.41556889	-122.0943341
480	<i>Prunus cerasifera</i> 'Thundercloud'	Thundercloud flowering cherry	5	16	10	10	70	70		X			Retain	37.4155704	-122.0943791
481	<i>Prunus cerasifera</i> 'Thundercloud'	Thundercloud flowering cherry	6	19	10	10	70	70		X			Retain	37.41557426	-122.0944265
482	<i>Prunus cerasifera</i> 'Thundercloud'	Thundercloud flowering cherry	5	16	10	10	70	70		X			Retain	37.41557708	-122.0944756
483	<i>Prunus cerasifera</i> 'Thundercloud'	Thundercloud flowering cherry	6	19	10	10	70	70		X		X	Retain	37.41557595	-122.0945185
484	<i>Lagerstroemia spp</i>	Crape myrtle	7	22	20	10	80	70				X	Retain	37.41491884	-122.0944401

# 2150 Old Middlefield Way Tree Locations By Tag Number



- Botanic Name**
- Cinnamomum camphora
  - Lagerstroemia spp
  - Phoenix canariensis
  - Pinus pinea
  - Prunus cerasifera 'Thundercloud'
  - Sequoia sempervirens



Esri, NASA, NCA, USGS, FEMA, County of Santa Clara, California State Parks, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA, USFWS, Sanborn Map Company, Maxar, Microsoft

**Tree Management Experts**  
**Consulting Arborists**  
 Certified Arborists, Certified Tree Risk Assessors  
 Contractor's License No. 885953, D-49 Tree Service  
 (415) 606-3610 Roy@treemanagementexperts.com





**PROJECT:**  
 HYUNDAI-GENESIS  
 SERVICE CENTER

**PROJECT ADDRESS:**  
 2150 OLD MIDDLEFIELD  
 WAY, MOUNTAIN  
 VIEW, CA 94043

**CLIENT:**  
 CARDINALE WAY

**GENESIS/HYUNDAI SERVICE  
 CENTER**  
 2150 Old Middlefield Way,  
 Mountain View, CA 94043

**PROJECT NO. :** 2024-03  
**REVISION:** 09/30/2024

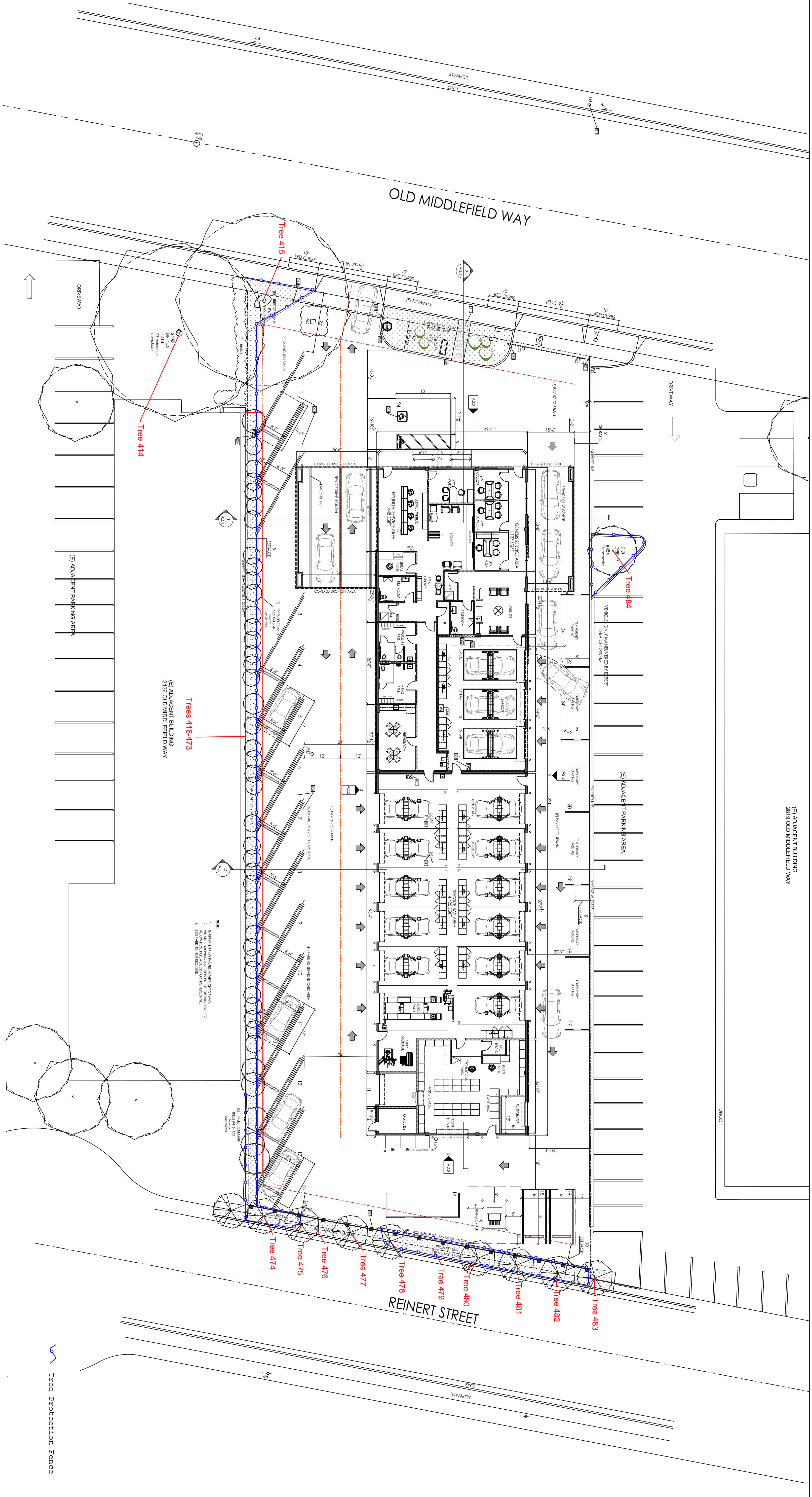
**SHEET TITLE:**  
 NEW SITE PLAN

**DESIGNED BY:**  
 KK

**DRAFTING BY:**  
 KC

**SHEET NO.:**

**A1.4**



**PARKING REQUIREMENTS CALCULATION**  
 Showroom and office: 3,562 sf / 450 = 7.92  
 Vehicle repair: 5,958 sf / 500 = 11.9  
 Parts dept: 1,114 sf / 300 = 3.71

**23.5 = 24 parking stalls required**  
**5% = 2 bike parking spots required**

**1 NEW SITE PLAN**  
 SCALE 1/16" = 1'-0"

- NEW FLOOR PLAN KEY NOTES**
- 01 (N) HYUNDAI DRIVE SERVICE ENTRANCE
  - 02 (N) VEHICLE LOANER DELIVERY AREA
  - 03 (N) ACCESSIBLE VAN STALL
  - 04 (N) EV CHARGER
  - 05 (N) DUAL-BRAND Pylon (HVU/GEN)
  - 06 (N) STOP SIGN
  - 07 (N) EV STORAGE
  - 08 (N) PARTS AND STORAGE
  - 09 (N) PARKING STALLS
  - 10 (N) ELECTRICAL VEHICLE BAY HYUNDAI
  - 11 (N) FIRE HYDRANTS
  - 12 (N) HYUNDAI EV CHARGER LEVEL 3
  - 13 (N) PEDESTRIAN PATH
  - 14 (N) POSTS FOR CHAIN LINK
  - 15 (N) ALL EXIT DOOR SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT
  - 16 (N) SPECIAL SIGNIFICATION SIGN PER (118-7032) AND (118-2025)
  - 17 (N) ALIGN NEW WALL TO MATCH EXISTING
  - 18 (N) PROVIDE NEW SOUND INSTALLATION IN WALLS
  - 19 (N) PROVIDE NEW WINDOW BLIND PER BUILDING STANDARD
  - 200 (N) GREENGUARD CERTIFIED TYP.

**TOTAL LOT AREA:** 34,592 SF

(N) HYUNDAI SERVICE AREA	1,448 SF
(N) GENESIS SERVICE AREA	1,137 SF
(N) EMPLOYEE AREA	961 SF
(N) EV LAB	1,265 SF
(N) SERVICE BAYS	4,425 SF
(N) PARTS AND STORAGE	1,351 SF
(N) EV STORAGE	388 SF
<b>TOTAL BUILDING AREA</b>	<b>11,130 SF</b>
(N) PARKING AND SIDEWALKS	19,529 SF
(N) LANDSCAPE AREA	3,991 SF
(N) GENESIS SERVICE DRIVE	639 SF
(N) HYUNDAI SERVICE DRIVE	1,079 SF

**LEGEND NOTES**

WM	WATER MEIER
GM	GAS MEIER
EM	ELECTRIC METER
AD	AD
PP	POWER POLE
CO	SAINKER SEWER CLEANOUT
SMH	SAINKER SEWER MANHOLE
SHH	SEWER HYDRANT
FH	FIRE HYDRANT
C&G	CURB AND CUTTER
WV	WATER VALVE

