**Gilles Consulting**
Brian K. Gilles
425-822-4994

# EVALUATON OF SELECTED TREES AT THE

# ALDERWOOD MIDDLE SCHOOL SITE

**17500 Larch Way**
**Lynnwood, WA 98037**

**September 19, 2014**

**PREPARED FOR:**
**Taine Wilson, LEED AP**
**Design and Construction Manager**
**Edmonds School District # 15**
**Capital Projects Office**
**Lynnwood, WA 98036-7400**

**PREPARED BY:**

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## ASSIGNMENT

Taine Wilton, Design and Construction Manager for the Edmonds School District # 15 Capital Projects Office, contracted with Gilles Consulting to evaluate the trees for the proposed Alderwood Middle School at 17500 Larch Way, in Lynnwood, Washington. The property is being developed into a new middle school and Snohomish County requires an analysis of the trees as part of the permit process. This report provides the analysis. The information in this report can be utilized to create a Tree Retention/Protection Plan as required by Snohomish County.

## METHODOLOGY

To evaluate the trees for risk, as well as to prepare this report, I drew upon my 30+ years of experience in the field of arboriculture and my formal education in natural resources management, dendrology, forest ecology, plant identification, and plant physiology. I followed the protocol of the International Society of Arboriculture (ISA) for tree risk assessment. Published in 2011, the *Best Management Practices, Tree Risk Assessment, ANSNI A300 Part 9* was developed to aid in the interpretation of professional standards and guide work practices based upon current science and technology. Using this process, now called the *Tree Risk Assessment Qualification,* or TRAQ for short, I performed a Level Two assessment which included looking at the overall health of the tree as well as the site conditions. This is a scientifically based process to look at the entire site, surrounding land and soil, as well as a complete look at the tree itself.

### Failure

There are many trees on the property that have a high potential to fail. While no one can predict with absolute certainty which trees will or will not fail, or when, we can, by using this scientific process, assess which trees are most likely to fail and take appropriate action to minimize the potential for injury and damage.

### Tree Tags

The trees were tagged and numbered 1 through 832. The tags are made of shiny aluminum approximately one inch by three inches in size and are attached to the tree with staples and a one foot strip of brightly colored survey tape. The tags were placed as high as possible to minimize their removal and were generally placed on the backsides of the trees as inconspicuously as possible. Please refer to *Attachment 1, Site Plan* for an orientation to the site and the approximate location of the trees.

### Missing Trees

There were a few trees that were not included on the survey. They were labeled with the next number in the sequence and then their approximate location was indicated on the included site plan. These trees may need to be surveyed to determine their exact location in relation to the proposed site improvements and their retainability.

## OBSERVATIONS

The property is west of Larch Way, east of Interstate 5, and south of 164th Street SW in the Martha Lake neighborhood of Lynnwood. The property is essentially flat with little topographic changes.

A total of 832 trees were evaluated in the impact area of the proposed Alderwood Middle School. Around the existing parking lots and developed areas are some landscape species of trees. In the three main undisturbed areas the tree species are typical lowland Puget Sound forest species. The species composition is summarized as follows:

| TREE SPECIES SUMMARY | | |
|---|---|---|
| **# of Trees** | **Species** | **%** |
| 10 | Bitter Cherry, *Prunus emarginata* | 1.2% |
| 9 | Black Cottonwood, *Populus trichocarpa* | 1.1% |
| 203 | Big Leaf Maple, *Acer macrophyllum* | 24.4% |
| 1 | Cascara, *Rhamnus purshiana* | 0.1% |
| 1 | Cherry, *Prunus sp.* | 0.1% |
| 55 | Douglas Fir, *Pseudotsuga menziezii* | 6.6% |
| 4 | Dawn Redwood, *Metasequoia glyptostroboides* | 0.5% |
| 1 | Engelmann Spruce, *Picea engelmannii* | 0.1% |
| 1 | Grand Fir, *Abies grandis* | 0.1% |
| 1 | Japanese Maple, Acer palmatum | 0.1% |
| 1 | Noble Fir, *Abies procera* | 0.1% |
| 17 | Paperbark Birch, *Betula papyrifera* | 2.0% |
| 1 | Pacific Dogwood, *Cornus nuttallii* | 0.1% |
| 5 | Plum, *Prunus sp.* | 0.6% |
| 1 | Pacific Willow, *Salix lasiandra* | 0.1% |
| 434 | Red Alder, *Alnus rubra* | 52.2% |
| 1 | Red Bud, *Cercis canadensis* | 0.1% |
| 3 | Red Maple, *Acer rubrum* | 0.4% |
| 9 | Sweetgum, *Liquidambar styraciflua* | 1.1% |
| 2 | Scouler Willow, *Salix scouleriana* | 0.2% |
| 3 | Vine Maple, *Acer circinatum* | 0.4% |
| 17 | Weeping Birch, *Betula pendula* | 2.0% |
| 14 | Western Hemlock, *Tsuga heterophylla* | 1.7% |
| 37 | Western Red Cedar, *Thuja plicata* | 4.4% |
| 1 | Western White Pine, *Pinus monticola* | 0.1% |
| **832** | **Total Number of Trees Evaluated** | **100.0%** |

Note that 4 species, Red Alder, 434 trees, Big Leaf Maple, 203 trees, Douglas Fir, 55 trees, and Western Red Cedar, 37 trees, comprise 87.6% of the 832 trees on the site. This is important in that, the Red Alder trees are mostly even aged and are in severe decline. This is typical of the species in forest ecology terms. This species is known to populate areas of disturbance quickly, grow fast, establish a strong canopy, then die of as the conifers take over the forest.

Photo #1: A Google Earth image of the site.


The small tree and shrub species observed in the forest areas are also typical of lowland Puget Sound forest areas. Species observed include:

Small Tree Tall Shrub Species
Mountain Ash
Vine Maple
Cascara
Indian Plum
Western Hazelnut
Red Elderberry

Small Shrub and Ground Cover Species
Red Huckleberry
Sword Fern
Oregon Grape
Thimbleberry
Herb Robert
Trailing Blackberry
Bracken Fern
Stinging Nettles

Wild Rose
Goldenrod
Pacific Buttercup

Invasive Species
English Ivy
English Laurel
English Holly
Himalayan Blackberries

Not surprisingly in an unmanaged forest, there exists a high number of trees that are Dead, Dying or in Poor condition. These are primarily the Red Alder trees that are known to have poor immune systems and be short lived trees. Of the 832 trees there are 434 Red Alder trees and 96.1% of them are rated as Dead, Dying or in Poor condition.

The current health ratings of all the trees is summarized as follows.

| TREE CONDITION SUMMARY | | |
|---|---|---|
| **# of Trees** | **Condition Rating** | % |
| 27 | Dead | 3.2% |
| 178 | Dying | 21.4% |
| 271 | Poor | 32.6% |
| 133 | Fair | 16.0% |
| 124 | Good | 14.9% |
| 80 | Very Good | 9.6% |
| 19 | Excellent | 2.3% |
| **832** | **Total # of Trees Evaluated** | **100.0%** |

Based upon the size and condition of each tree, they are assigned a status of *Significant or Non-Significant.* The summary of status is as follows.

| STATUS SUMMARY | | |
|---|---|---|
| **# OF Trees** | **Status** | **%** |
| 476 | Non-Significant | 57.2% |
| 356 | Significangt | 42.8% |
| **832** | **Total # of Trees Evaluated** | **100.0%** |

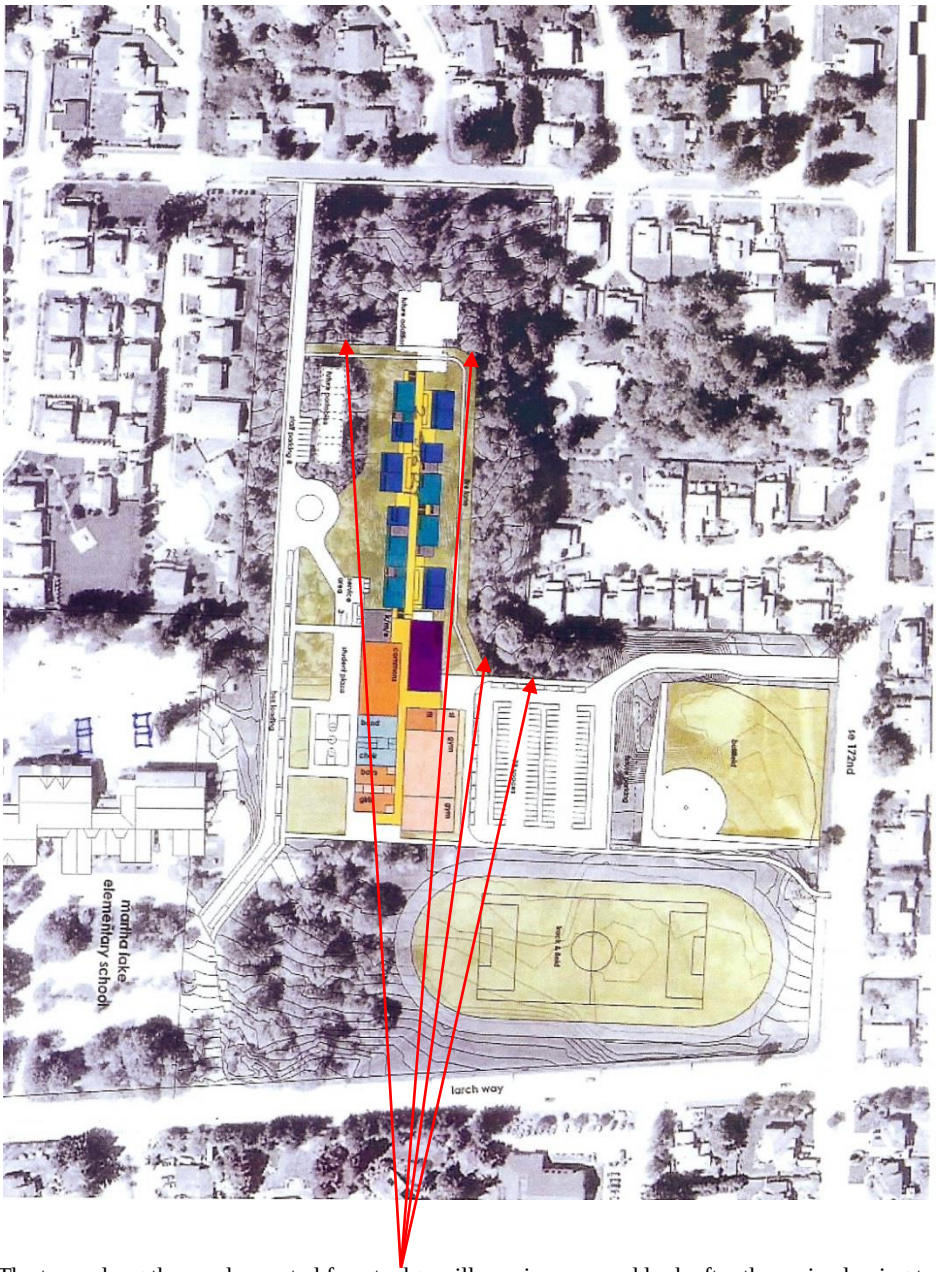
Based upon the condition of each tree they are recommended for a management action as follows.

| RECOMMENDATIONS SUMMARY | | |
|---|---|---|
| **# of Trees** | **Recommendation** | **%** |
| 1 | Shorten 1 Trunk | 0.1% |
| 2 | Treat & Monitor | 0.2% |
| 355 | Potential to Retain | 42.7% |
| 1 | Prune Dead Wood | 0.1% |
| 473 | Remove for Safety | 56.9% |
| **832** | **Total # of Trees Evaluated** | **100.0%** |

In an effort to present the information and conclusions for each tree in a manner that is clear and easy to understand, as well as to save paper, I have included a detailed spreadsheet, *Attachment 2, Tree Inventory/Condition Spreadsheet*. All the same information from the ISA Tree Hazard Form is included in this spreadsheet and the attached glossary. The descriptions on the spreadsheet were left brief in order to include as much pertinent information as possible and to make the report manageable. The attached glossary provides a detailed description of the terms used in the spreadsheet and in this report. It can be found in *Attachment 3, Glossary*. A brief review of these terms

and descriptions will enable the reader to rapidly move through the spreadsheet and better understand the information.

Schematic # 1: A preliminary site plan from Integrus Architects showing the general site organization.




The trees along the newly created forest edge will require a second look after the main clearing to ensure potentially hazardous trees are also removed also.

Additional Testing

The trees all presented signs and/or symptoms that were readily discernible using the visual tree evaluation system. These signs and/or symptoms indicate extensive internal decay and/or structural defects in some trees and solid trunks and lack of disease in others. Therefore, no additional tests were performed during this site visit.

## DISCUSSION

The current proposal is to develop a middle school, parking, driveways and a new ball field. It includes the retention of the forest along 14th Avenue W and the northern portion of the existing large forest block.

An important issue in retaining this forest is the high number of Dead, Dying, and Poor condition trees mentioned above. When the area for development is logged, those trees near the remaining forest edge will have an increased potential to fail in the first one to four years after the clearing. This means that special attention will need to be paid to the management of the remaining forest for the safety of all involved in the property.

One of the ways to manage potentially hazardous trees is to reduce them so that they are short enough that when they fail they will not reach a large such as a trail, abuilding, or a parking lot. Portions of the trunks can be carefully placed on the forest floor as nurse logs. Standing dead trees and nurse logs are now recognized as vitally important suburban elements that help to support a healthy song-bird population as well as many other benefits. Large brush piles can be strategically located to provide nesting areas and cover for birds and animals. Please refer to *Attachment 5, Habitat Tree Creation and Benefits* gives more information about the value of habitat trees.

Tree Protection Measures

In order for trees to survive the stresses placed upon them in the construction process, tree protection must be planned in advance of equipment arrival on site. If tree protection is not planned integral with the design and layout of the project, the trees will suffer needlessly and possibly die. With proper preparation, often costing little or nothing extra to the project budget, trees can survive and thrive after construction. This is critical for tree survival because damage prevention is the single most effective treatment for trees on construction sites. Once trees are damaged, the treatment options available are limited.

The minimum Tree Protection Measures in *Attachment 4, Tree Protection Measures* are on three separate sheets that can be copied and introduced into all relevant documents such as site plans, permit applications and conditions of approval, and bid documents so that everyone involved is aware of the requirements. These Tree Protection Measures are intended to be generic in nature. They will need to be adjusted to the specific

circumstances of your site that takes into account the location of improvements and the locations of the trees.

Maintaining as much of the existing forest as can be safely retained is of course, important to the final school and the entire neighborhood. I have included, at no extra charge a small white paper titled *Attachment 6, Value of the Urban/Suburban Forest*. It is an interesting look at the ways different professionals have worked to document the value of trees and landscaping in our urban and suburban settings.

**WAIVER OF LIABILITY**

There are many conditions affecting a tree's health and stability, which may be present and cannot be ascertained, such as, root rot, previous or unexposed construction damage, internal cracks, stem rot and more which may be hidden. Changes in circumstances and conditions can also cause a rapid deterioration of a tree's health and stability. Adverse weather conditions can dramatically affect the health and safety of a tree in a very short amount of time. While I have used every reasonable means to examine these trees, this evaluation represents my opinion of the tree health at this point in time. These findings do not guarantee future safety nor are they predictions of future events.

The tree evaluation consists of an external visual inspection of an individual tree's root flare, trunk, and canopy from the ground only unless otherwise specified. The inspection may also consist of taking trunk or root soundings for sound comparisons to aid the evaluator in determining the possible extent of decay within a tree. Soundings are only an aid to the evaluation process and do not replace the use of other more sophisticated diagnostic tools for determining the extent of decay within a tree.

As conditions change, it is the responsibility of the property owners to schedule additional site visits by the necessary professionals to ensure that the long-term success of the project is ensured. It is the responsibility of the property owner to obtain all required permits from city, county, state, or federal agencies. It is the responsibility of the property owner to comply with all applicable laws, regulations, and permit conditions. If there is a homeowners association, it is the responsibility of the property owner to comply with all Codes, Covenants, and Restrictions (CC&R's) that apply to tree pruning and tree removal.

This tree evaluation is to be used to inform and guide the client in the management of their trees. This in no way implies that the evaluator is responsible for performing recommended actions or using other methods or tools to further determine the extent of internal tree problems without written authorization from the client. Furthermore, the evaluator in no way holds that the opinions and recommendations are the only actions required to insure that the tree will not fail. A second opinion is recommended. The client shall hold the evaluator harmless for any and all injuries or damages incurred if the

evaluator's recommendations are not followed or for acts of nature beyond the evaluator's reasonable expectations, such as severe winds, excessive rains, heavy snow loads, etc.

This report and all attachments, enclosures, and references, are confidential and are for the use of the client concerned. They may not be reproduced, used in any way, or disseminated in any form without the prior consent of the client concerned and Gilles Consulting.

Thank you for calling Gilles Consulting for your arboricultural needs.

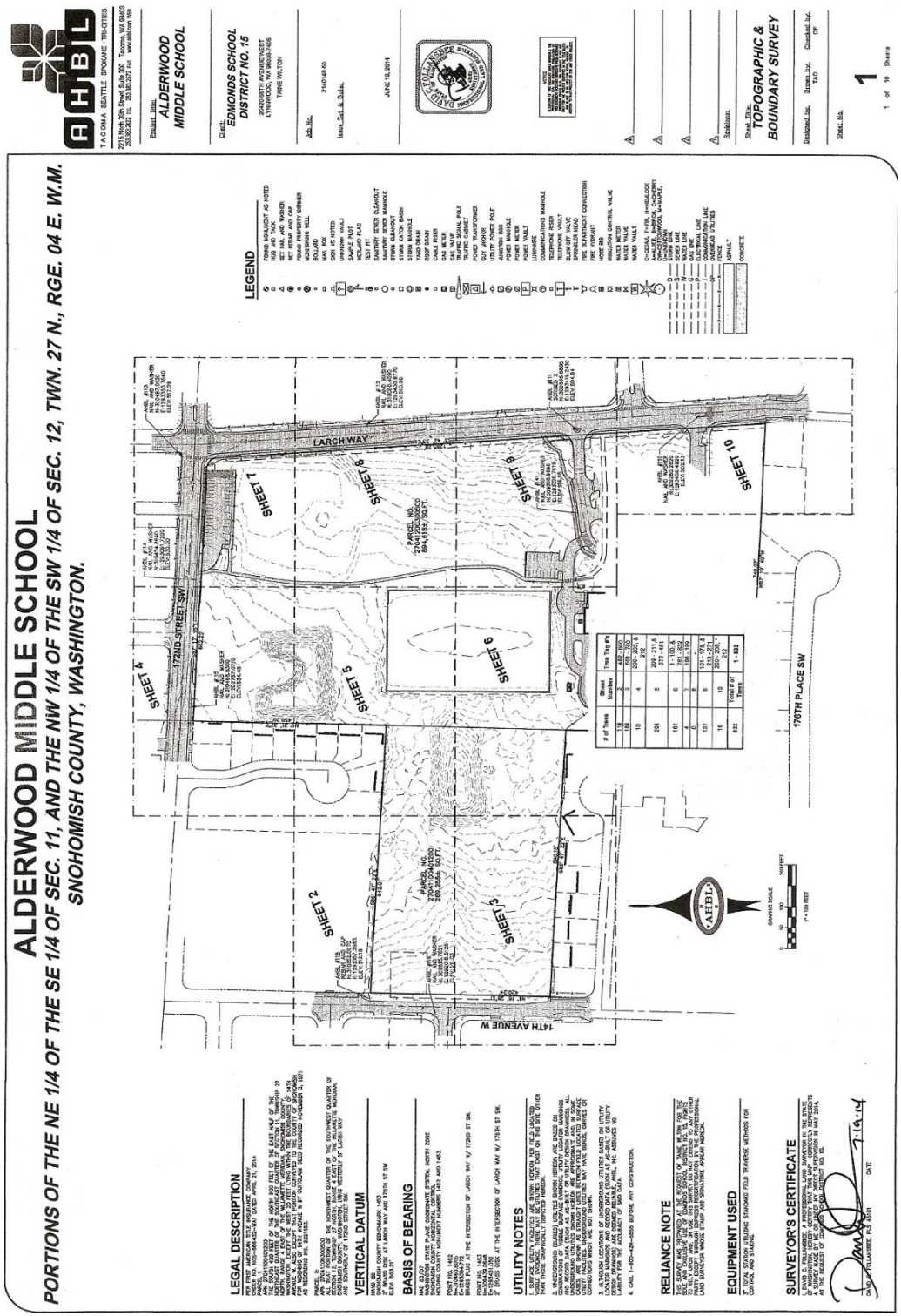
Sincerely,


Brian K. Gilles, Consulting Arborist
ISA Certified Arborist # PN-0260A
ASCA Registered Consulting Arborist # RCA-418
ISA TRAQ Qualified
ISA TRAQ Certified Instructor

# ATTACHMENTS

## ATTACHMENT 1 - SITE PLANS

Sheet 1



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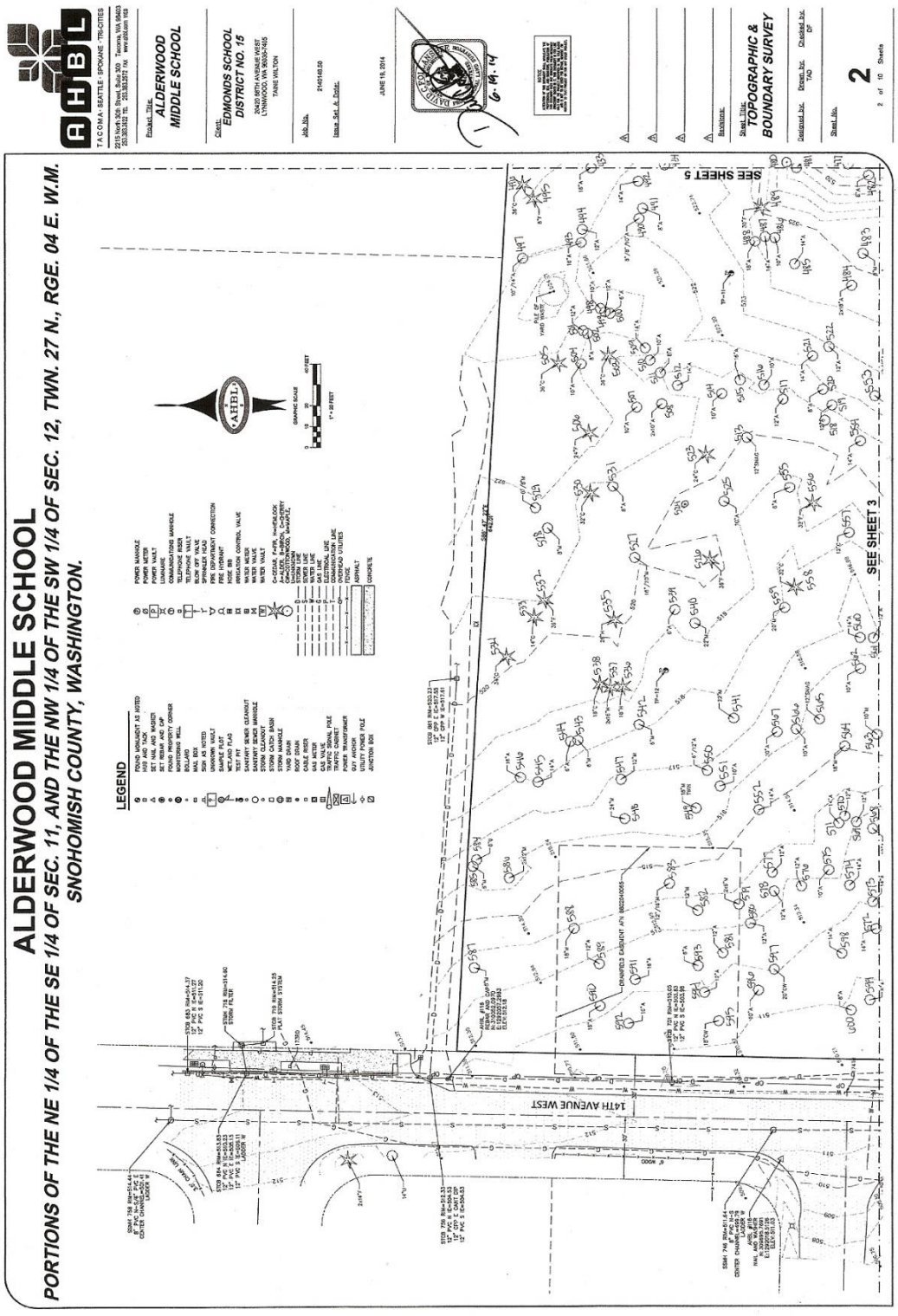
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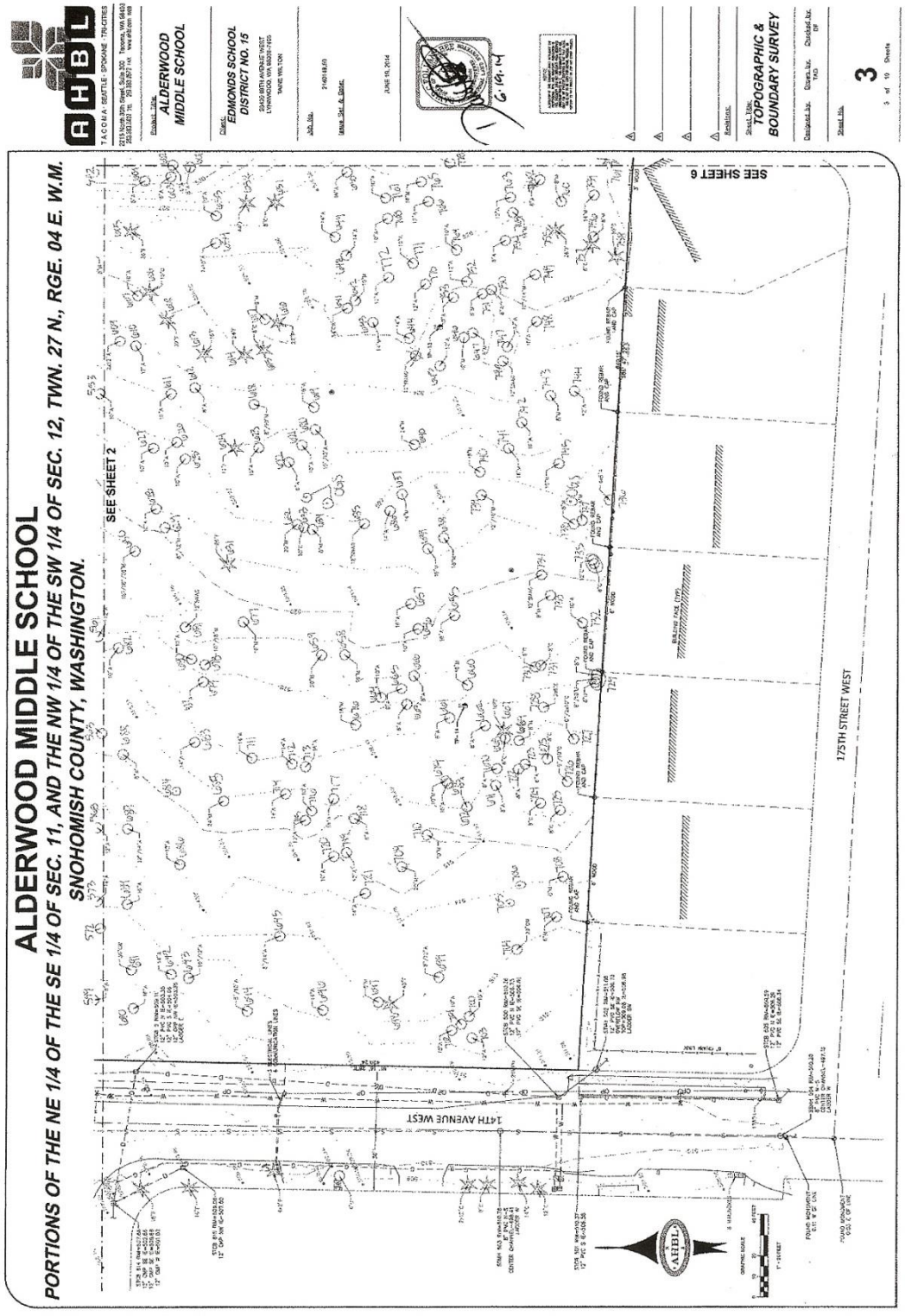
SNOHOMISH COUNTY, WASHINGTON.
LEGEND
SEE SHEET 5
SEE SHEET 3
14TH AVENUE WEST
TACOMA · SEATTLE · SPOKANE · TRI-CITIES
ALDERWOOD MIDDLE SCHOOL
EDMONDS SCHOOL DISTRICT NO. 15
3600 SIXTH AVENUE WEST
LYNNWOOD, WA 98037-7405
TAINE WILTON
JUNE 16, 2014
TOPOGRAPHIC & BOUNDARY SURVEY
2
2 of 10 Sheets

Sheet 3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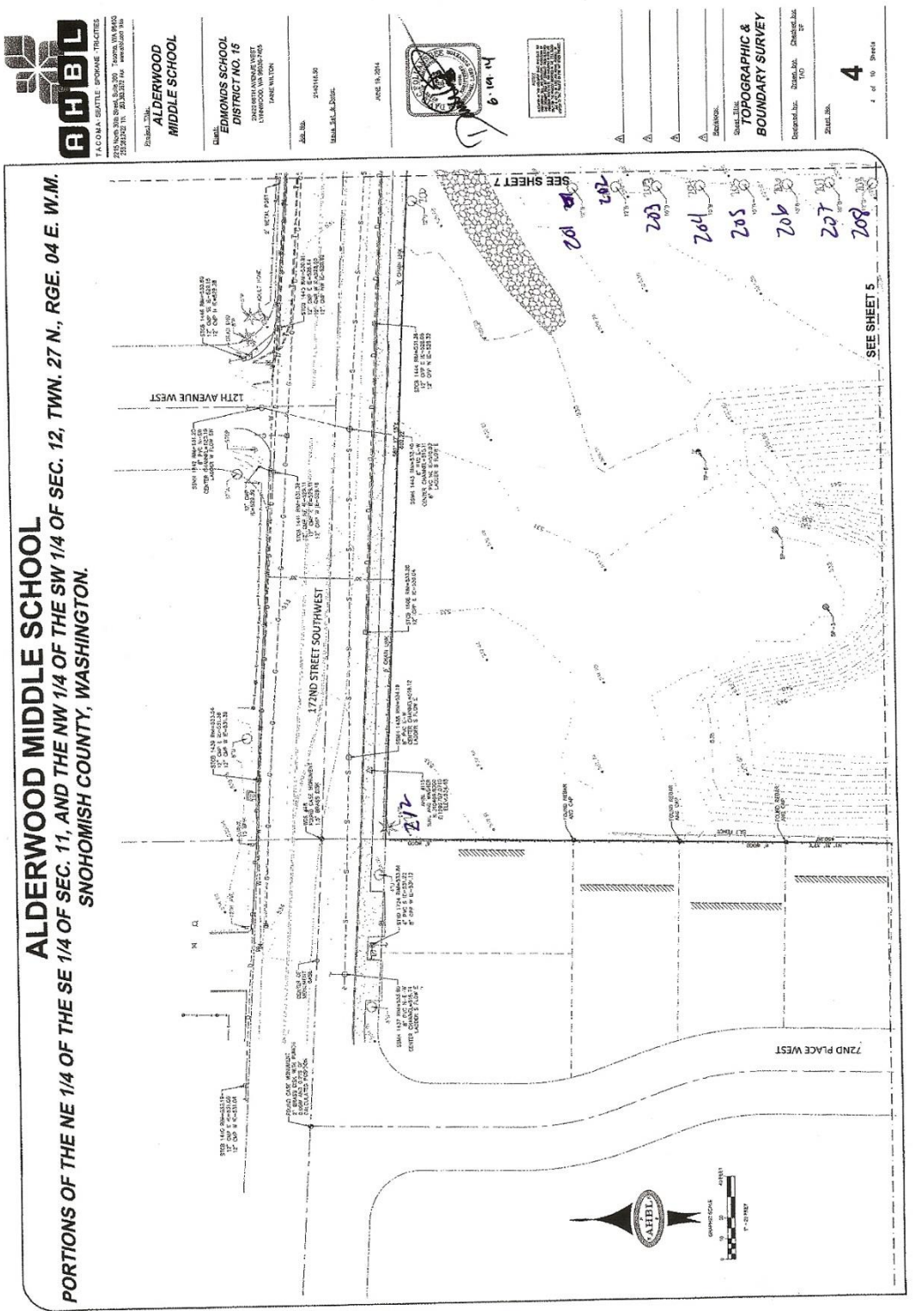
SNOHOMISH COUNTY, WASHINGTON.
SEE SHEET 2
SEE SHEET 6
147TH AVENUE WEST
175TH STREET WEST
TOPOGRAPHIC & BOUNDARY SURVEY
ALDERWOOD MIDDLE SCHOOL
EDMONDS SCHOOL DISTRICT NO. 15
JUNE 19, 2014
3

Sheet 4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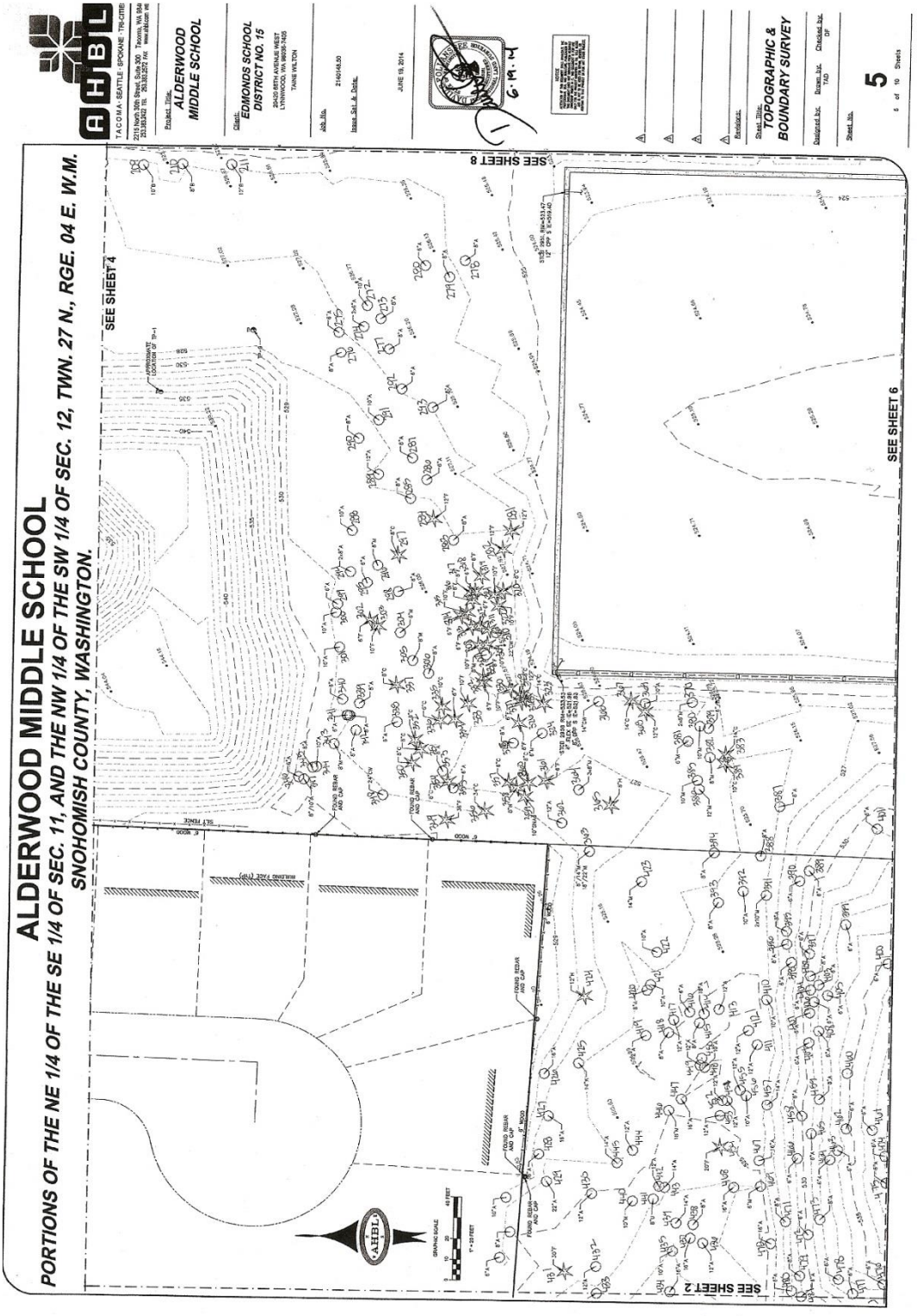
SNOHOMISH COUNTY, WASHINGTON.
12TH AVENUE WEST
172ND STREET SOUTHWEST
72ND PLACE WEST
SEE SHEET 7
SEE SHEET 5
201
202
203
204
205
206
207
208
212
AHBL
ALDERWOOD MIDDLE SCHOOL
EDMONDS SCHOOL DISTRICT NO. 15
TOPOGRAPHIC & BOUNDARY SURVEY
4

Sheet 5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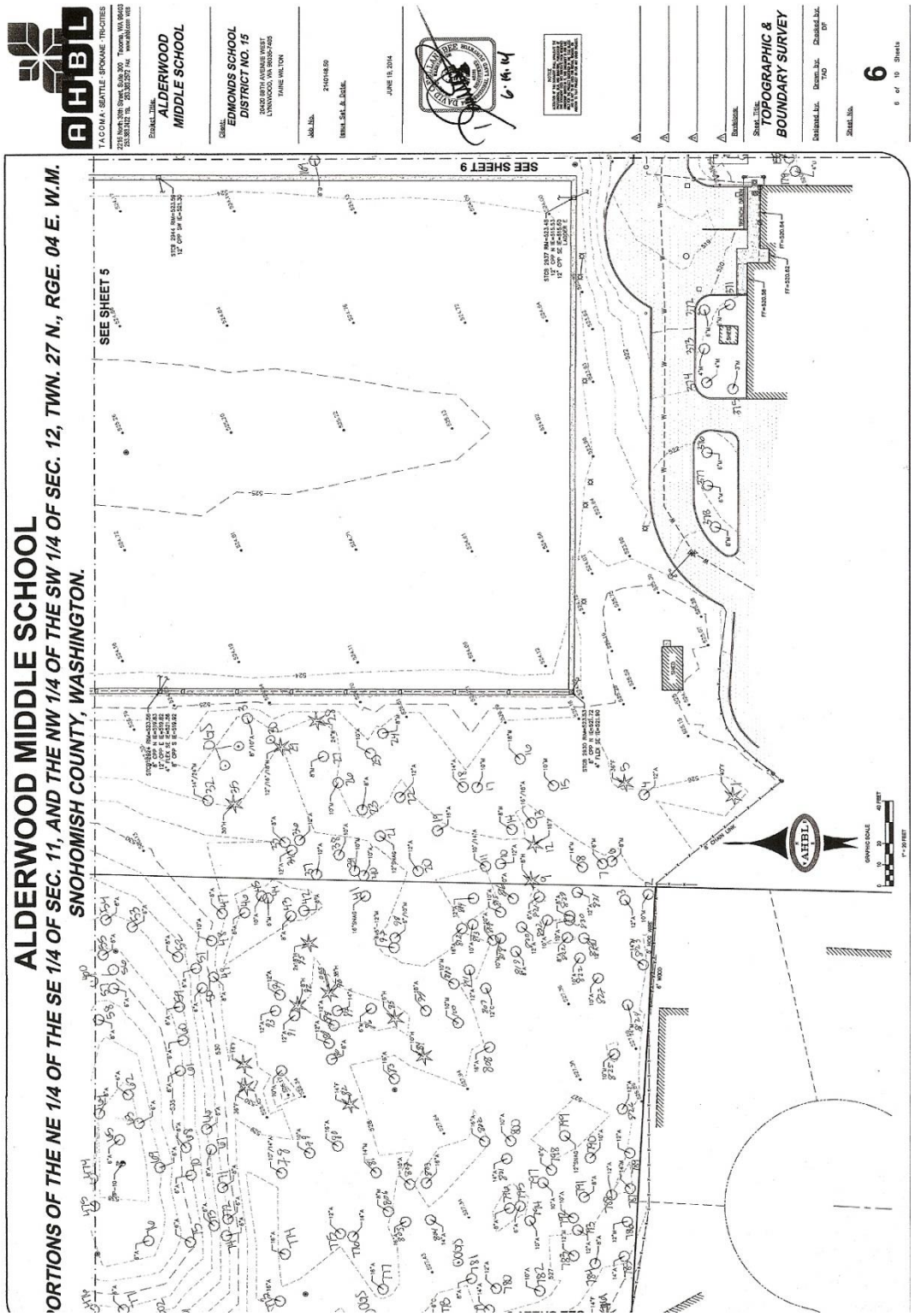
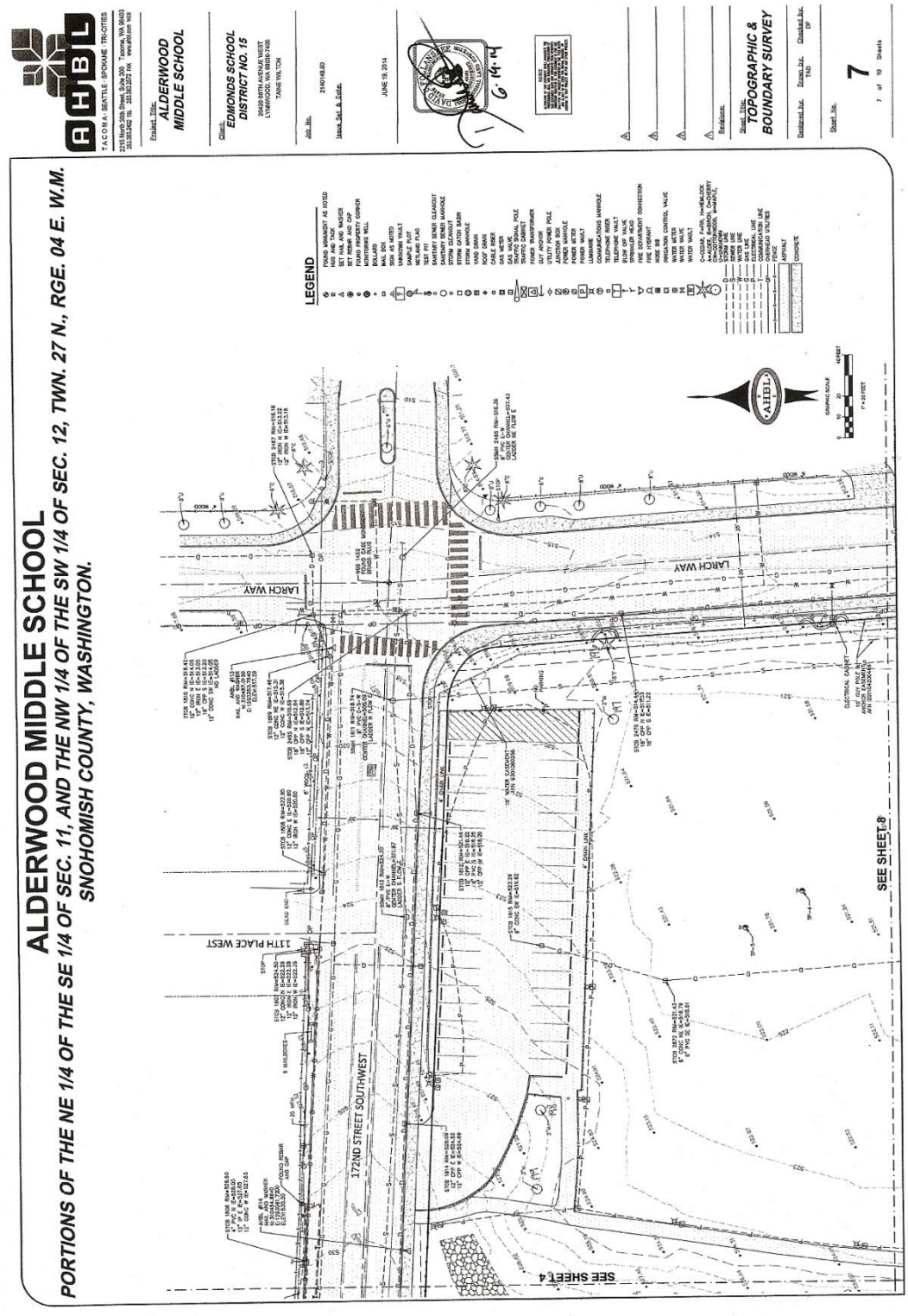
SNOHOMISH COUNTY, WASHINGTON.
SEE SHEET 4
SEE SHEET 8
SEE SHEET 6
SEE SHEET 2
ALDERWOOD MIDDLE SCHOOL
EDMONDS SCHOOL DISTRICT NO. 15
TOPOGRAPHIC & BOUNDARY SURVEY
5

Sheet 6


ALDERWOOD MIDDLE SCHOOL
SNOHOMISH COUNTY, WASHINGTON.
SEE SHEET 5
SEE SHEET 9
ALDERWOOD MIDDLE SCHOOL
EDMONDS SCHOOL DISTRICT NO. 15
TOPOGRAPHIC & BOUNDARY SURVEY
6

Sheet 7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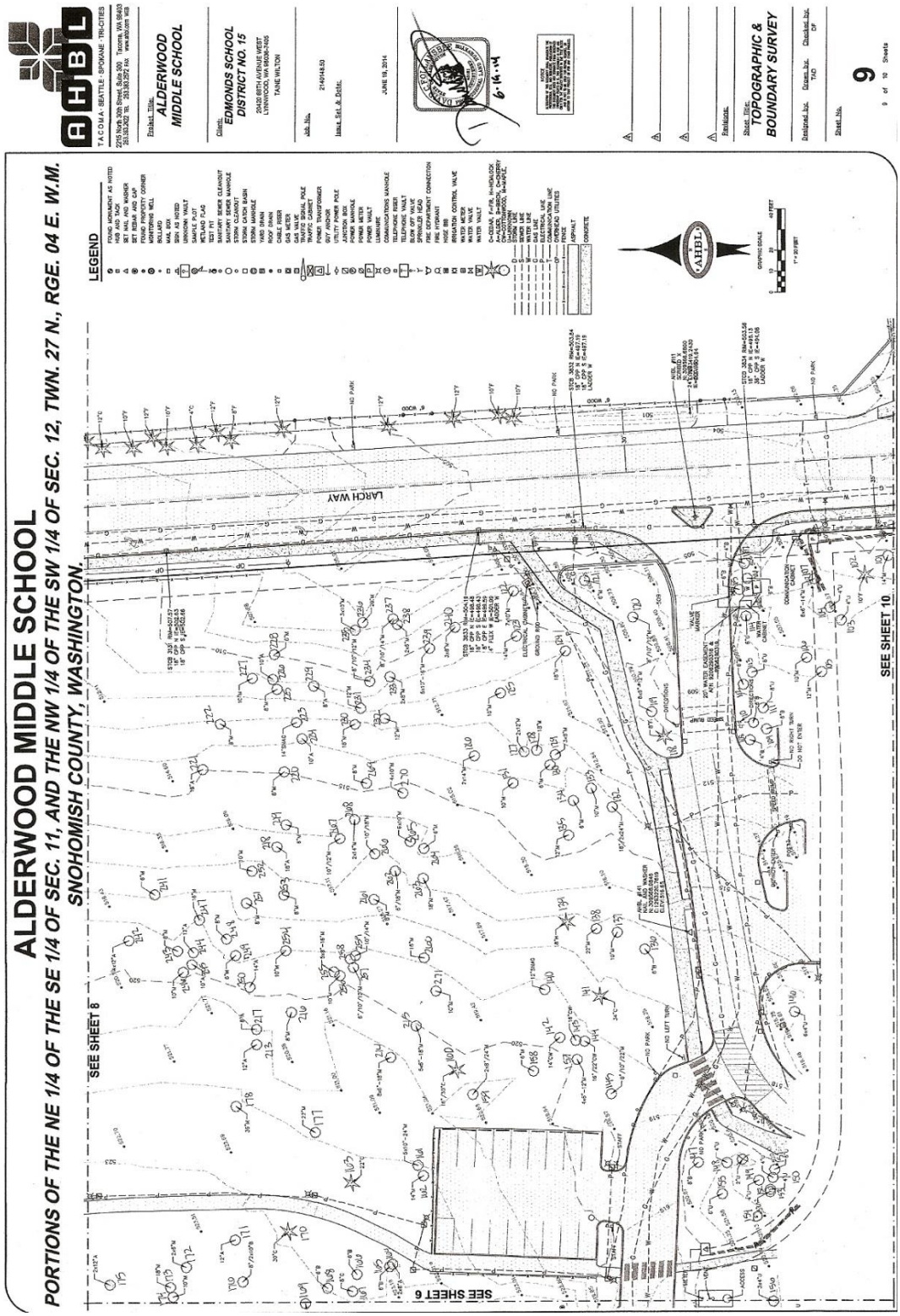
SNOHOMISH COUNTY, WASHINGTON.
AHBL
TACOMA · SEATTLE · SPOKANE · TRI-CITIES
Project Title: ALDERWOOD MIDDLE SCHOOL
Client: EDMONDS SCHOOL DISTRICT NO. 15
Job No. 2140148.00
Issue Set & Date: JUNE 19, 2014
Sheet Title: TOPOGRAPHIC & BOUNDARY SURVEY
Sheet No. 7
LEGEND
LARCH WAY
172ND STREET SOUTHWEST
11TH PLACE WEST
SEE SHEET 4
SEE SHEET 8

Sheet 9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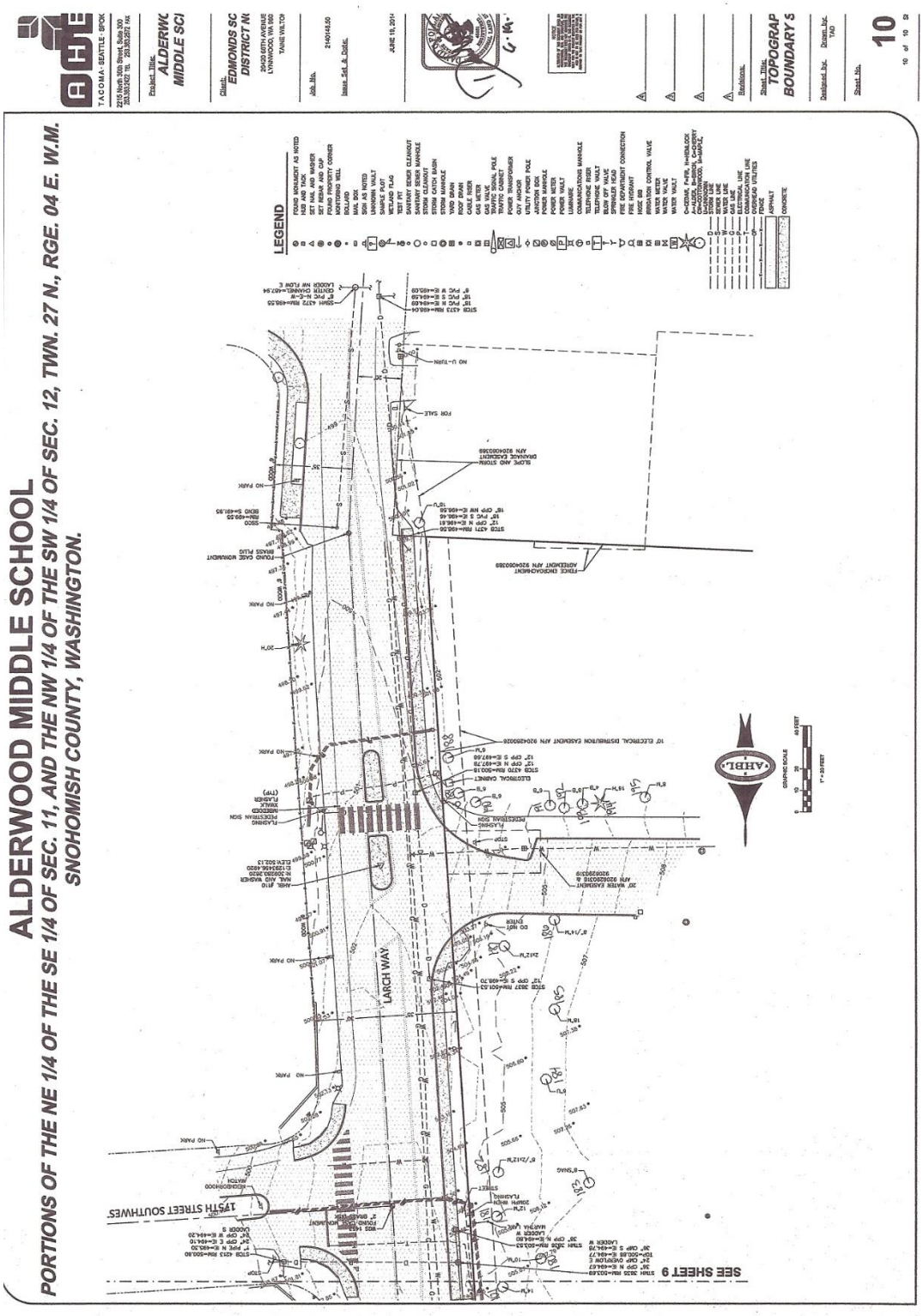
SNOHOMISH COUNTY, WASHINGTON.
LEGEND
LARCH WAY
SEE SHEET 8
SEE SHEET 10
SEE SHEET 6
TOPOGRAPHIC & BOUNDARY SURVEY
ALDERWOOD MIDDLE SCHOOL
EDMONDS SCHOOL DISTRICT NO. 15
JUNE 18, 2014
9

Sheet 10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SNOHOMISH COUNTY, WASHINGTON.
LEGEND
LARCH WAY
SEE SHEET 9
AHBL
TACOMA - SEATTLE - SPOK
EDMONDS SC DISTRICT NO
TOPOGRAP BOUNDARY S
10

## ATTACHMENT 2 - TREE INVENTORY/CONDITIONS SPREADSHEET

| ABBREVIATED LEGEND--SEE GLOSSARY IN REPORT ATTACHMENTS FOR GREATER DETAIL | | | |
|---|---|---|---|
| #2 | ***Tree Location:*** **The survey Sheet upon which the tree is located.** | | |
| #3 | ***Tree #:*** The unique tag number of each tree. | | |
| #4 | ***Species:*** | | |
| | 1 | BCh/Pe | Bitter Cherry, *Prunus emarginata* |
| | 2 | BCw/Pt | Black Cottonwood, *Populus trichocarpa* |
| | 3 | BLM/Am | Big Leaf Maple, *Acer macrophyllum* |
| | 4 | C/Rp | Cascara, *Rhamnus purshiana* |
| | 5 | Ch/Psp. | Cherry, *Prunus sp.* |
| | 6 | DF/Pm | Douglas Fir, *Pseudotsuga menziezii* |
| | 7 | DR/Mg | Dawn Redwood, *Metasequoia glyptostroboides* |
| | 8 | ESp/Pe | Engelmann Spruce, *Picea engelmannii* |
| | 9 | GF/Ag | Grand Fir, *Abies grandis* |
| | 10 | JM/Ap | Japanese Maple, *Acer palmatum* |
| | 11 | NF/Ap | Noble Fir, *Abies procera* |
| | 12 | PbB/Bp | Paperbark Birch, *Betula papyrifera* |
| | 13 | PDw/Cn | Pacific Dogwood, *Cornus nuttallii* |
| | 14 | Plum/Psp | Plum, *Prunus sp.* |
| | 15 | PW/Sl | Pacific Willow, *Salix lasiandra* |
| | 16 | RA/Ar | Red Alder, *Alnus rubra* |
| | 17 | RedB/Cc | Red Bud, *Cercis canadensis* |
| | 18 | RM/Ar | Red Maple, *Acer rubrum* |
| | 19 | SG/Ls | Sweetgum, *Liquidambar styraciflua* |
| | 20 | SG/Ls | Sweetgum, *Liquidambar styraciflua* |
| | 21 | VM/Ac | Vine Maple, *Acer circinatum* |
| | 22 | WB/Bp | Weeping Birch, *Betula pendula* |
| | 23 | WH/Th | Western Hemlock, *Tsuga heterophylla* |
| | 24 | WRC/Tp | Western Red Cedar, *Thuja plicata* |
| | 25 | WWP/Pm | Western White Pine, *Pinus monticola* |

| | |
|---|---|
| **#5** | ***DBH:*** Trunk diameter @ 4.5' above average ground level. |
| **#6** | ***Drip Line:*** The radius, the distance from the trunk to the furthest branch tips. |
| **#7** | ***Limits of Disturbance:*** The boundary between the area of minimum protection around a tree and the allowable site disturbance as determined by a qualified professional. |
| **#8** | ***LCR:*** *Live Crown Ratio* - the amount of live canopy expressed as a % of the entire tree height |
| **#9** | ***Symmetry:*** General shape of canopy and weight distribution of the tree around the trunk. |
| **#10** | ***Foliage:*** General description of foliage density that indicates tree health and vigor. |
| **#11** | ***Crown Condition:*** The most important external indication of tree health and vigor. |
| **#12** | ***Trunk:*** Description of trunk condition or abnormalities if any. |
| **#13** | ***Root Collar:*** The base of the tree where the trunk flares into the roots--defects are noted here. |
| **#14** | ***Roots:*** Root problems are noted here. |
| **#15** | ***Comments:*** Additional observations about the tree's condition. |
| **#16** | ***Current Health Rating:*** A general health rating from dead, dying, poor, fair, good, very good, to excellent. |
| **#17** | ***Status:*** Based upon Snohomish County Code, is the tree *Significant* or *Non-Significant.* |
| **#18** | ***Recommendation:*** This is an estimate of whether or not the tree is of sufficient health, vigor, and structure that it is worth consideration of retention. |

**Note:** Trees highlighted in red ink are those trees that are Dead, Dying, or are in Poor Condition—and, therefore, have a high potential to fail. They should be considered for removal or severe reduction for safety.

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 6 | 1 | DF/Pm | 49.5" | 38' | 38' | 38' | 38' | 38' | 94% | Minor Asymmetry | Dense | Healthy | straight | NAD | Restricted | Growing next to outdoor paved play area. Epicormic Growth. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 2 | BLM/Am | 12.9" | 22' | 22' | 22' | 22' | 22' | 60% | Generally Symmetrical | Dense | Healthy | Fork at 2.5' w/ included bark to base | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 6 | 3 | RA/Ar | 15.4" | 16' | n/a | n/a | n/a | n/a | 75% | Minor Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 4 | RA/Ar | 13.6" | 18' | n/a | n/a | n/a | n/a | 65% | Generally Symmetrical | Sparse | Dead | Leans SE | Partially exposed | NAD | | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 5 | DF/Pm | 39.6" | 34' | 34' | 34' | 34' | 34' | 65% | Generally Symmetrical | Dense | Healthy | straight | NAD | NAD | Epicormic growth in lower canopy. Carpenter Ant infestation in bark only. | Good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 6 | BLM/Am | 10.0" | 24' | 24' | 24' | 24' | 24' | 85% | Major Asymmetry | Dense | Healthy | Leans SE | Partially exposed | NAD | Stump sprouts. | Good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 7 | BLM/Am | 8.0" | 18' | 18' | 18' | 18' | 18' | 85% | Minor Asymmetry | Dense | Healthy | Typical | Partially exposed | NAD | Stump sprouts. | Good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 8 | BLM/Am | 17.9" | 28' | 28' | 28' | 28' | 28' | 80% | Generally Symmetrical | Dense | Healthy | Serpentine | Partially exposed | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 9 | WH/Th | 9.6" | 16' | 16' | 16' | 16' | 16' | 97% | Generally Symmetrical | Dense | Healthy | Straight | Exposed | aerial | Growing out of nurse stump. | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 10 | RA/Ar | 12.8" | 9' | n/a | n/a | n/a | n/a | 12% | Major Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | Fungal infection in trunk. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 11 | RA/Ar | 15.3" & 10.9" | 26' | n/a | n/a | n/a | n/a | 40% | Minor Asymmetry | Sparse | Dying | fork at 12', Center Rot | Base rot | Root Rot | Fungal infection in trunk. Carpenter Ant infection. | Dead | Non-Significant | Remove for safety |
| Sheet 6 | 12 | DF/Pm | 17.3" | 15' | 15' | 15' | 15' | 15' | 50% | Generally Symmetrical | Average | Healthy | Bowed | Partially exposed | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 13 | RA/Ar | Est. 18.0" | 0' | n/a | n/a | n/a | n/a | 0% | n/a | none | Dead | Center rot | Base rot | Root Rot | | Dead | Non-Significant | Remove for safety |
| Sheet 6 | 14 | BLM/Am | 10.3" | 14' | 14' | 14' | 14' | 14' | 60% | Minor Asymmetry | Dense | Healthy | Serpentine | Partially exposed | NAD | | Very good | Significant | Potential to retain with tree |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| | | | | | | | | | | | | | | | | | | | protection measures |
| Sheet 6 | 15 | BLM/Am | 13.8" | 25' | 25' | 25' | 25' | 25' | 50% | Generally Symmetrical | Dense | Healthy | Typical | Partially exposed | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 16 | BLM/Am | 20.6" | 34' | 34' | 34' | 34' | 34' | 65% | Generally Symmetrical | Dense | Healthy | Typical | Partially exposed | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 17 | BLM/Am | 10.8" | 20' | 20' | 20' | 20' | 20' | 45% | Minor Asymmetry | Dense | Healthy | Typical | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 18 | RA/Ar | 17.0" | 24' | n/a | n/a | n/a | n/a | 50% | Generally Symmetrical | Sparse | Dying | Leans N | Partially exposed | NAD | | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 19 | RA/Ar | 19.0" | 24' | n/a | n/a | n/a | n/a | 50% | Minor Asymmetry | Thin | Dead | Center rot | Base rot | Root Rot | | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 20 | RA/Ar | 14.9" | 21' | n/a | n/a | n/a | n/a | 70% | Generally Symmetrical | Thin | Dying | Typical | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 21 | DF/Pm | 13.3" | 0' | n/a | n/a | n/a | n/a | 0% | n/a | none | Broken out | Center rot | Base rot | Root Rot | | Dead | Non-Significant | Remove for safety |
| Sheet 6 | 22 | DF/Pm | 13.9" | 24' | n/a | n/a | n/a | n/a | 15% | Major Asymmetry | Sparse | Broken out | Center rot | Base rot | Root Rot | Woodpecker activity. Fungal infection in trunk. Carpenter Ant infection. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 23 | DF/Pm | 8.6" | 18' | n/a | n/a | n/a | n/a | 65% | Major Asymmetry | Sparse | Broken out | Typical | NAD | NAD | Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 24 | Jmap/Ap | 9.6" | 28' | 28' | 28' | 28' | 28' | 94% | Generally Symmetrical | Dense | Healthy | Leans E | Probable base rot | Probable Root Rot | | Very good | Non-Significant | Potential to retain with tree protection measures |
| Sheet 6 | 25 | RA/Ar | 12.4" | 18' | 18' | 18' | 18' | 18' | 20% | Minor Asymmetry | Sparse | Broken out | Leans E | Probable base rot | Probable Root Rot | Fungal infection in trunk. | Dying | Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 6 | 26 | BLM/Am | 12.2" & 5.0" | 26' | 26' | 26' | 26' | 26' | 55% | Major Asymmetry | Dense | Healthy | fork at 1' w/ included bark to base | NAD | NAD | | Very good | Non-Significant | Potential to retain with tree protection measures |
| Sheet 6 | 27 | BLM/Am | 10.6" | 18' | 18' | 18' | 18' | 18' | 80% | Major Asymmetry | Average | Average | Typical | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 28 | WH/Th | 29.7" | 24' | n/a | n/a | n/a | n/a | 75% | Generally Symmetrical | Dense | Dead | Center rot | Base rot | Root Rot | Woodpecker activity. Carpenter Ant infection. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 29 | WH/Th | 22.6" | 26' | 26' | 26' | 26' | 26' | 94% | Major Asymmetry | Average | Healthy | straight | NAD | NAD | Base is against # 30. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 30 | BLM/Am | 19.5" & 13.1" | 28' | 28' | 28' | 28' | 28' | 92% | Minor Asymmetry | Dense | Healthy | Fork at 4', Center Rot | Exposed | NAD | Base is against # 29. | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 31 | RA/Ar | 16.5" & 10.5" | 24' | n/a | n/a | n/a | n/a | 90% | Major Asymmetry | Thin | Weak | fork at 3.5' w/ included bark down 2' | Base rot | Root Rot | Rot pockets in branch collar wounds. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 32 | BLM/Am | 34.6" | 40' | 40' | 40' | 40' | 40' | 85% | Generally Symmetrical | Dense | Healthy | fork at 5.5', Typical | Partially exposed | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 33 | DF/Pm | 34.3" | 28' | 28' | 28' | 28' | 28' | 80% | Minor Asymmetry | Dense | Regen--Average | straight | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 34 | RA/Ar | 8.3" | 14' | n/a | n/a | n/a | n/a | 25% | Minor Asymmetry | Sparse | Dying | Leans E, Center Rot | Base rot | Root Rot | | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 35 | RA/Ar | 12.3" | 18' | n/a | n/a | n/a | n/a | 60% | Generally Symmetrical | Sparse | Dying | Serpentine | NAD | NAD | | Poor | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 6 | 36 | RA/Ar | 13.4" | 20' | n/a | n/a | n/a | n/a | 25% | Minor Asymmetry | Thin | Dying | Center rot | Base rot | Root Rot | Fungal infection in trunk. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 37 | RA/Ar | 13.6" | 18' | n/a | n/a | n/a | n/a | 45% | Generally Symmetrical | Sparse | Dying | Center rot | Base rot | Root Rot | Woodpecker activity. Fungal infection in trunk. Carpenter Ant infection. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 38 | RA/Ar | 11.5" | 22' | n/a | n/a | n/a | n/a | 35% | Minor Asymmetry | Sparse | Dying | Bowed | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 39 | BLM/Am | 12.0" | 28' | 28' | 28' | 28' | 28' | 65% | Generally Symmetrical | Dense | Healthy | Serpentine | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 40 | RA/Ar | 10.5" | 16' | n/a | n/a | n/a | n/a | 15% | Major Asymmetry | Sparse | Broken out | Center rot | Base rot | Root Rot | Fungal infection in trunk. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 41 | RA/Ar | 18.8" | 0' | n/a | n/a | n/a | n/a | 0% | n/a | none | Dead | Center rot | Base rot | Root Rot | Bark sloughing. | Dead | Non-Significant | Remove for safety |
| Sheet 6 | 42 | RA/Ar | 11.2" | 15' | n/a | n/a | n/a | n/a | 30% | Major Asymmetry | Sparse | Dying | Typical | Base rot | Root Rot | Fungal infection in trunk. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 43 | RA/Ar | 11.2" | 10' | n/a | n/a | n/a | n/a | 8% | Minor Asymmetry | Sparse | Dying | Bowed | Probable base rot | Probable Root Rot | Fungal infection in trunk. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 44 | BLM/Am | 9.1" | 24' | n/a | n/a | n/a | n/a | 60% | Major Asymmetry | Average | Regen--Average | Center rot | Probable base rot | Probable Root Rot | | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 45 | RA/Ar | 14.8" | 18' | n/a | n/a | n/a | n/a | 45% | Minor Asymmetry | Sparse | Dying | Leans NW | Probable base rot | Probable Root Rot | Rot pockets in branch collar wounds. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 46 | RA/Ar | 13.1" | 20' | n/a | n/a | n/a | n/a | 45% | Minor Asymmetry | Thin | Dying | Leans NE | Probable base rot | Probable Root Rot | Fungal infection in trunk. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 47 | RA/Ar | 8.5" | 16' | n/a | n/a | n/a | n/a | 60% | Major Asymmetry | Sparse | Weak | Leans NW | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 48 | RA/Ar | 10.8" | 18' | n/a | n/a | n/a | n/a | 25% | Minor Asymmetry | Thin | Weak | Leans NE | Partially exposed | Surface | Not wind firm. | Poor | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 6 | 49 | RA/Ar | 9.5" | 18' | n/a | n/a | n/a | n/a | 35% | Generally Symmetrical | Average | Weak | Leans N | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 50 | RA/Ar | 6.9" | 16' | n/a | n/a | n/a | n/a | 15% | Minor Asymmetry | Thin | Weak | Leans N | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 51 | RA/Ar | 7.0" | 12' | n/a | n/a | n/a | n/a | 10% | Generally Symmetrical | Thin | Weak | Leans NE | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 52 | RA/Ar | 9.7" | 18' | n/a | n/a | n/a | n/a | 30% | Generally Symmetrical | Thin | Weak | Leans NE | Exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 53 | RA/Ar | 8.2" | 11' | n/a | n/a | n/a | n/a | 35% | Minor Asymmetry | Average | Average | Leans NE | Exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 54 | RA/Ar | 7.5" | 18' | n/a | n/a | n/a | n/a | 35% | Minor Asymmetry | Average | Average | Leans NE | Exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 55 | RA/Ar | 8.3" | 16' | n/a | n/a | n/a | n/a | 40% | Major Asymmetry | Average | Weak | Leans E, Center Rot | Base rot | Root Rot | Carpenter Ant infestation. Damaged roots. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 56 | RA/Ar | 7.1" | 7' | n/a | n/a | n/a | n/a | 6% | Minor Asymmetry | Average | Average | Leans NE, Center Rot | Base rot | Root Rot | Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 57 | RA/Ar | 9.9" | 15' | n/a | n/a | n/a | n/a | 15% | Generally Symmetrical | Average | Average | Leans N | Base rot | Root Rot | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 58 | RA/Ar | 10.6" | 18' | n/a | n/a | n/a | n/a | 35% | Generally Symmetrical | Average | Average | Center rot | Partially exposed | Probable Root Rot | | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 59 | RA/Ar | 7.4" | 11' | n/a | n/a | n/a | n/a | 12% | Generally Symmetrical | Average | Average | Typical | Partially exposed | NAD | Fungal infection in trunk. Not wind firm. Dead branches in canopy. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 60 | RA/Ar | 6.5" | 14' | n/a | n/a | n/a | n/a | 25% | Generally Symmetrical | Average | Average | Typical | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 61 | RA/Ar | 6.6" | 10' | n/a | n/a | n/a | n/a | 15% | Generally Symmetrical | Thin | Weak | Serpentine | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 6 | 62 | RA/Ar | 8.7" | 14' | n/a | n/a | n/a | n/a | 15% | Generally Symmetrical | Average | Average | Center rot | Base rot | Probable Root Rot | | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 63 | RA/Ar | 8.4" | 14' | n/a | n/a | n/a | n/a | 20% | Generally Symmetrical | Average | Average | Center rot | Base rot | Probable Root Rot | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 64 | RA/Ar | 10.5" | 11' | n/a | n/a | n/a | n/a | 8% | Minor Asymmetry | Thin | Dying | Center rot | Probable base rot | Probable Root Rot | Carpenter Ant infestation. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 65 | RA/Ar | 9.5" & 6.9" | 10' | n/a | n/a | n/a | n/a | 20% | Minor Asymmetry | Thin | Dying | fork at base, Center Rot | Base rot | Root Rot | | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 66 | RA/Ar | 6.8" | 11' | n/a | n/a | n/a | n/a | 12% | Generally Symmetrical | Average | Average | Typical | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 67 | RA/Ar | 8.8" | 15' | n/a | n/a | n/a | n/a | 20% | Generally Symmetrical | Thin | Weak | Serpentine | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 68 | RA/Ar | 6.8" | 9' | n/a | n/a | n/a | n/a | 20% | Generally Symmetrical | Average | Weak | Serpentine | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 69 | RA/Ar | 9.0" | 13' | n/a | n/a | n/a | n/a | 25% | Generally Symmetrical | Average | Average | Center rot | Base rot | Root Rot | | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 70 | RA/Ar | 7.3" | 13' | n/a | n/a | n/a | n/a | 25% | Generally Symmetrical | Average | Average | Center rot | Base rot | Root Rot | | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 71 | RA/Ar | 8.5" | 13' | n/a | n/a | n/a | n/a | 20% | Generally Symmetrical | Average | Dying | Center rot | Probable base rot | NAD | Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 72 | RA/Ar | 7.1" | 12' | n/a | n/a | n/a | n/a | 20% | Generally Symmetrical | Average | Average | Serpentine | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 73 | RA/Ar | 6.8" | 11' | n/a | n/a | n/a | n/a | 25% | Major Asymmetry | Average | Average | Serpentine | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 74 | RA/Ar | 9.0" | 15' | n/a | n/a | n/a | n/a | 20% | Generally Symmetrical | Average | Average | fork at 70%, Serpentine | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 6 | 75 | RA/Ar | 7.8" | 12' | n/a | n/a | n/a | n/a | 10% | Major Asymmetry | Average | Weak | Center rot | Probable base rot | Probable Root Rot | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 76 | RA/Ar | 8.1" | 13' | n/a | n/a | n/a | n/a | 15% | Major Asymmetry | Sparse | Dying | Center rot | Base rot | Root Rot | | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 77 | RA/Ar | 8.1" | 9' | n/a | n/a | n/a | n/a | 12% | Minor Asymmetry | Thin | Weak | Leans N | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 78 | RA/Ar | 14.9" & 11.0" | 26' | n/a | n/a | n/a | n/a | 45% | Generally Symmetrical | Thin | Average | fork at base, Center Rot | Base rot | Probable Root Rot | Open wound W side 3.5 to 6.5 feet w/ decay. Carpenter Ant infestation. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 79 | RA/Ar | 11.6" | 22' | n/a | n/a | n/a | n/a | 35% | Major Asymmetry | Sparse | Weak | Center rot | Base rot | Root Rot | Open wound E side base up 3 feet w/ decay. Carpenter Ant infestation. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 80 | RA/Ar | 17.8" | 34' | n/a | n/a | n/a | n/a | 55% | Minor Asymmetry | Sparse | Weak | fork at 12', Leans SW | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 81 | BLM/Am | 13.2" | 30' | n/a | n/a | n/a | n/a | 80% | Minor Asymmetry | Dense | Healthy | For at 6', Typical | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 82 | RA/Ar | 19.3" | 28' | 28' | 28' | 28' | 28' | 50% | Generally Symmetrical | Thin | Average | Leans S, Center Rot | Base rot | Root Rot | Fungal infection in trunk. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 83 | RA/Ar | 22.3" | 26' | n/a | n/a | n/a | n/a | 35% | Generally Symmetrical | Sparse | Weak | Center rot | Base rot | Probable Root Rot | Woodpecker activity. Carpenter Ant infection. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 84 | WH/Th | 19.1" | 11' | 11' | 11' | 11' | 11' | 94% | Minor Asymmetry | Dense | Healthy | Bowed | Exposed | aerial | Growing out of nurse log. | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 85 | WH/Th | 7.7" | 9' | 9' | 9' | 9' | 9' | 92% | Generally Symmetrical | Dense | Healthy | Leans W | Partially exposed | NAD | Growing out of nurse log. | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 86 | BLM/Am | 7.7" | 18' | 18' | 18' | 18' | 18' | 40% | Minor Asymmetry | Average | Healthy | Serpentine | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 6 | 87 | RA/Ar | 15.2" | 27' | n/a | n/a | n/a | n/a | 12% | Major Asymmetry | Sparse | Weak | Center rot | Base rot | Probable Root Rot | Rot pockets in branch collar wounds. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 88 | RA/Ar | 12.1" | 25' | n/a | n/a | n/a | n/a | 40% | Minor Asymmetry | Thin | Weak | Leans W, Center Rot | Base rot | Probable Root Rot | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 89 | RA/Ar | 14.2" | 22' | n/a | n/a | n/a | n/a | 40% | Major Asymmetry | Thin | Weak | Leans NW | Probable base rot | Probable Root Rot | Fungal infection in trunk. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 90 | RA/Ar | 9.6" | 16' | n/a | n/a | n/a | n/a | 30% | Minor Asymmetry | Thin | Weak | Leans SW, Center Rot | Base rot | Root Rot | | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 91 | RA/Ar | 12.4" | 18' | n/a | n/a | n/a | n/a | 25% | Minor Asymmetry | Thin | Weak | Center rot | Base rot | Root Rot | Rot pockets in branch collar wounds. Not wind firm. Fungal infection in trunk. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 92 | WH/Th | 9.3" | 12' | 12' | 12' | 12' | 12' | 97% | Generally Symmetrical | Dense | Healthy | straight | Partially exposed | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 93 | RA/Ar | 12.4" | 20' | n/a | n/a | n/a | n/a | 40% | Major Asymmetry | Thin | Broken out | Leans N | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 94 | BLM/Am | 14.2" | 26' | n/a | n/a | n/a | n/a | 40% | Minor Asymmetry | Thin | Broken out | Leans N | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 95 | RA/Ar | 39.8" | 24' | 24' | 24' | 24' | 24' | 60% | Generally Symmetrical | Dense | Healthy | fork at 4.5' w/ included bark to base | Well Buttressed | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 96 | RA/Ar | 40.8" | 30' | 30' | 30' | 30' | 30' | 98% | Generally Symmetrical | Dense | Healthy | straight | Well Buttressed | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 97 | RA/Ar | 11.1" | 24' | 24' | 24' | 24' | 24' | 50% | Major Asymmetry | Dense | Healthy | Leans SE | Exposed | aerial | Growing out of nurse stump. | Good | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 6 | 98 | RA/Ar | Clump of 6 | 36' | n/a | n/a | n/a | n/a | 60% | Generally Symmetrical | Dense | Healthy | fork at base | Exposed | aerial | Growing out of nurse stump. Stump sprouts. Diameters are: 11.1", 10.3", 8.7", 13.1", 12.9" & 6.2". | Good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 99 | RA/Ar | 20.9" | 28' | n/a | n/a | n/a | n/a | 65% | Major Asymmetry | Sparse | Weak | Leans W | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 100 | BLM/Am | 11.8" | 26' | n/a | n/a | n/a | n/a | 15% | Major Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | | Dying | Non-Significant | Remove for safety |
| Sheet 9 | 101 | BLM/Am | 19.1" | 24' | 24' | 24' | To sidewalk | 24' | 70% | Minor Asymmetry | Dense | Healthy | Straight | NAD | Restricted | Base is approximately 8 feet west of sidewalk. The second trunk was cut off at 2 feet. | Good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 102 | DF/Pm | 12.8" | 14' | 14' | 14' | 14' | 14' | 90% | Minor Asymmetry | Thin | Regenerating Average | Slightly serpentine | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 103 | RA/Ar | 4.6" | 3' | NA | NA | NA | NA | 10% | Major Asymmetry | Sparse | Dying | Center rot | Base rot | Rot | | Dead | Non-Significant | Remove for safety |
| Sheet 9 | 104 | PW/Sl | 5.2" | 9' | NA | NA | NA | NA | 30% | Major Asymmetry | Thin | Suppressed | Center rot | Base rot | Rot | | Dying | Non-Significant | Remove for safety |
| Sheet 9 | 105 | BLM/Am | 21.2" | 22' | 22' | 22' | 22' | Parking lot | 94% | Minor Asymmetry | Dense | Healthy | Straight | NAD | Restricted | Base is approximately 16 feet northeast of parking lot and 12 feet east of light pole. | Good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 106 | BLM/Am | 12.7" | 18' | 18' | 18' | 18' | 18' | 35% | Major Asymmetry | Dense | Healthy | Straight | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 107 | BLM/Am | c/ 7 | 42' | 42' | 42' | To utilities | 42' | 55% | Generally Symmetrical | Dense | Healthy | Forked at 12" and 4' w/ included bark down to base | NAD | Restricted | Base is approximately 12 feet west of utilities. | Fair | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 9 | 108 | WB/Bp | 6.4" | 8' | NA | NA | NA | NA | 80% | Major Asymmetry | Thin | Dying | Serpentine | Base rot | Restricted | | Dying | Non-Significant | Remove for safety |
| Sheet 9 | 109 | WB/Bp | 8.8" | 12' | NA | NA | NA | NA | 80% | Major Asymmetry | Sparse | Dying | Serpentine | NAD | Restricted | | Dying | Non-Significant | Remove for safety |
| Sheet 9 | 110 | WB/Bp | 7.1" | 11' | NA | NA | NA | NA | 80% | Minor Asymmetry | Thin | Dying | Serpentine | Base rot | Restricted | | Poor | Non-Significant | Remove for safety |
| Sheet 9 | 111 | DR/Mg | 9.8" | 12' | To drive lane | 12' | 12' | 12' | 90% | Generally Symmetrical | Thin | Average | Straight | NAD | Restricted | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 112 | WB/Bp | 8.2" | 14' | NA | NA | NA | NA | 80% | Generally Symmetrical | Sparse | Dying | Slightly serpentine | NAD | Restricted | | Poor | Non-Significant | Remove for safety |
| Sheet 9 | 113 | DR/Mg | 11.8" | 14' | To drive lane | 14' | 14' | 14' | 80% | Minor Asymmetry | Thin | Fair | Slightly serpentine | NAD | Restricted | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 114 | DR/Mg | 8.5" | 13' | To drive lane | 13' | To utilities | 13' | 85% | Generally Symmetrical | Average | Regenerating Average | Typical | NAD | Restricted | Base is approximately 2 feet from utilities and 3 feet from drive lane. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 115 | PbB/Bp | 7.5" | 16' | To drive lane | To utilities | To sidewalk | To utilities | 85% | Generally Symmetrical | Average | Broken out | Typical | NAD | Restricted | If any utility work has to be done, the tree needs to be removed because it will not survive. Carpenter ant infestation. Growing between 2 utilities and drive lane. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 116 | PbB/Bp | 6.4" | 10' | To drive lane | To utilities | To sidewalk | To utilities | 75% | Minor Asymmetry | Average | Regenerating Average | Typical | NAD | Restricted | If any utility work has to be done, the tree needs to be removed because it will not survive. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 117 | PbB/Bp | 5.9" | 10' | To drive lane | To utilities | To sidewalk | To utilities | 75% | Minor Asymmetry | Average | Regenerating Average | Slight lean west over sidewalk | NAD | Restricted | If any utility work has to be done, the tree needs to be removed because it will not survive. | Fair | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 9 | 118 | NF/Ap | 8.7" | 7' | To sidewalk | To drive lane | 7' | To sidewalk | 70% | Generally Symmetrical | Dense | Healthy | Straight | NAD | Restricted | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 119 | BLM/Am | 36.9" | 24' | NA | NA | NA | NA | 80% | Generally Symmetrical | Average | Average | Forked at 2', center rot | Base rot | Rot | Clump of 9. Mower damage on surface roots. | Poor | Non-Significant | Remove for safety |
| Sheet 9 | 120 | BLM/Am | 11.1, 16.6 & 14.8" | 24' | NA | NA | NA | NA | 80% | Minor Asymmetry | Average | Average | Center rot | Base rot | Rot | Dead branches in canopy. Storm damage. | Poor | Non-Significant | Remove for safety |
| Sheet 9 | 121 | SG/Ls | 8.1" | 14' | To retaining wall | 8' | To retaining wall | To sidewalk | 75% | Generally Symmetrical | Dense | Healthy | Straight | NAD | Restricted | Calloused wound on the east side from 18-24 inches- appears well compartmentalized. Base is approximately 4 feet from retaining wall. Mower damage on base. | Good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 122 | BLM/Am | 43.2" | 28' | NA | NA | NA | NA | 65% | Major Asymmetry | Dense | Healthy | Forked at 2 & 4', center rot | Base rot | Rot | Clump of 7. Carpenter ant infestation. Base is approximately 3 feet north of utility. | Poor | Non-Significant | Remove for safety |
| Sheet 9 | 123 | BLM/Am | 16.3 & 5.8" | 16' | 16' | 16' | 16' | 16' | 30% | Minor Asymmetry | Dense | Healthy | Slightly serpentine | Bowed | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 124 | BLM/Am | 25.7" | 34' | 34' | To sidewalk | To sidewalk | 34' | 75% | Minor Asymmetry | Average | Average | Forked at 9' | NAD | Restricted | Base is approximately 15 feet north of sidewalk. | Good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 125 | BLM/Am | 27.8" | 20' | 20' | 20' | 20' | 20' | 60% | Minor Asymmetry | Average | Average | Forked at 4' | Partially exposed | NAD | | Fair | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 9 | 126 | BLM/Am | 28.3" | 26' | 26' | 26' | 26' | 26' | 40% | Generally Symmetrical | Average | Average | Forked at 7.5' w/ included bark to base | NAD | NAD | Dead branches in canopy. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 127 | BLM/Am | 16.6, 15.8 & 5.3" | 24' | 24' | 24' | 24' | 24' | 25% | Minor Asymmetry | Average | Average | Forked at 2', center rot | Unusual butt swell | NAD | The center trunk is dead and appears compartmentalized. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 128 | BLM/Am | 22.1" | 22' | 22' | 22' | 22' | 22' | 35% | Minor Asymmetry | Average | Average | Forked at 18' | Partially exposed | NAD | Some dead branches in canopy. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 129 | BLM/Am | 14.3, 12.9 & 7.2" | 16' | 16' | 16' | 16' | 16' | 70% | Major Asymmetry | Average | Average | Forked at 4' | Partially exposed | NAD | Southern trunk has center rot but is compartmentalized. | Fair | Non-Significant | Shorten southern trunk by 65%. Northern trunk appears stable. |
| Sheet 9 | 130 | BLM/Am | 7.2" | 9' | NA | NA | NA | NA | 10% | Major Asymmetry | Average | Average | Leans east, center rot | Base rot | Rot | | Poor | Non-Significant | Remove for safety |
| Sheet 9 | 131 | BLM/Am | 12.3" | 18' | 18' | 18' | 18' | 18' | 60% | Major Asymmetry | Average | Average | Leans east, serpentine | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 132 | BLM/Am | 46.7" | 48' | NA | NA | NA | NA | 50% | Generally Symmetrical | Dense | 1- dead, 1- average | Center rot | Base rot | Rot | Ganoderma conks on the north side. Large open wound on the east side. | Poor | Non-Significant | Remove for safety |
| Sheet 9 | 133 | BLM/Am | 11.7, 4.5 & 3.7" | 23' | 23' | 23' | 23' | 23' | 85% | Major Asymmetry | Dense | Healthy | Forked at 18' w/ included bark down to base | Swollen | NAD | | Fair | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 9 | 134 | BLM/Am | 6.7" | 12' | 12' | 12' | 12' | 12' | 60% | Major Asymmetry | Average | Bent over | Slightly serpentine | NAD | NAD | Overtopped by 135. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 135 | BLM/Am | 18.3" | 26' | 26' | 26' | 26' | 26' | 60% | Minor Asymmetry | Average | Average | Typical | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 136 | PbB/Bp | 6.8" | 12' | NA | NA | NA | NA | 94% | Major Asymmetry | Thin | Dying | Bowed | Previous failure | Previous failure | Sap sucker activity. | Poor | Non-Significant | Remove for safety |
| Sheet 9 | 137 | BLM/Am | 11.9" | 16' | 16' | 16' | 16' | 16' | 80% | Major Asymmetry | Average | Average | Typical | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 138 | BLM/Am | 33.6" | 34' | To sidewalk | 34' | 34' | 34' | 70% | Major Asymmetry | Thin | Weak | Forked at 26' | NAD | NAD | Dead branches in canopy. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 139 | WH/Th | 18.3" | 20' | 20' | 20' | 20' | 20' | 98% | Minor Asymmetry | Dense | Average | Slight bow north | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 140 | RA/Ar | 14.3 & 11.6" | 12' | NA | NA | NA | NA | 12% | Major Asymmetry | Sparse | Broken out | Center rot | Base rot | Rot | The third trunk is broken out at 12 feet. Bark sloughing. | Dead | Non-Significant | Remove for safety |
| Sheet 9 | 141 | WRC/Tp | 36.3" | 28' | 28' | 28' | 28' | 28' | 98% | Generally Symmetrical | Dense | Healthy | Straight | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 142 | BCw/Pt | 22.4" | 30' | 30' | 30' | 30' | 30' | 40% | Major Asymmetry | Dense | Healthy | Leans north, serpentine | Partially exposed | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 143 | BCw/Pt | 21.1" | 26' | 26' | 26' | 26' | 26' | 50% | Minor Asymmetry | Dense | Healthy | Slight bow south | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 9 | 144 | BCw/Pt | 26.2 & 18.9" | 44' | 44' | 44' | 44' | 44' | 50% | Minor Asymmetry | Dense | Healthy | Forked at 3' w/ included bark down to base | Unusual butt swell | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 145 | BLM/Am | 24.6, 14.2 & 13.1" | 32' | 32' | To drive lane | 32' | To parking lot | 90% | Minor Asymmetry | Average | Average | Forked at 3' | NAD | Restricted | Dead branches in canopy. Base is approximately 4 feet north of driveway and curb and 12 feet east of parking lot. There is an open wound on the southwest side from the base up 6 inches. There is a chain imbedded in the trunk. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 146 | PDw/Cn | c/ 10 | 16' | To curb | 16' | To parking lot | 16' | 90% | Generally Symmetrical | Sparse | Weak | clump of 10 stump sprouts | Internal structural weakness | Restricted | This is a clump of 10 stump sprouts that are poorly attached. | Poor | Non-Significant | Treat and Monitor |
| Sheet 9 | 147 | WB/Bp | 9.3" | 9' | 9' | 9' | 9' | 9' | 94% | Generally Symmetrical | Dense | Healthy | Serpentine | NAD | Restricted | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 148 | VM/Ac | 5.5" | 11' | 11' | 11' | 11' | 11' | 40% | Major Asymmetry | Average | Regenerating Average | Forked at base, serpentine | Previous failure | Previous failure | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 149 | Plum/Psp | 5.5" | 12' | 12' | 12' | 12' | 12' | 75% | Major Asymmetry | Average | Average | Slightly serpentine | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 150 | Plum/Psp | 6.1" | 10' | 10' | 10' | 10' | 10' | 65% | Major Asymmetry | Average | Average | Forked at 9', slightly serpentine | NAD | NAD | Minor dead branches in canopy. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 151 | Plum/Psp | 7.9" | 16' | 16' | 16' | 16' | To sidewalk | 85% | Minor Asymmetry | Average | Average | Slightly serpentine | NAD | Restricted | Base is approximately 5 feet northwest of sidewalk. There is | Fair | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| | | | | | | | | | | | | | | | | gummosis on the lower trunk. | | | |
| Sheet 9 | 152 | Plum/Psp | 6.7" | 10' | 10' | 10' | 10' | 10' | 70% | Major Asymmetry | Average | Average | Typical | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 153 | Plum/Psp | 5.6" | 13' | NA | NA | NA | NA | 70% | Major Asymmetry | Average | Average | Center rot | Base rot | Rot | There is gummosis on the base near an open wound. | Dying | Non-Significant | Remove for safety |
| Sheet 9 | 154 | Ch/Psp. | 7.9" | 11' | 11' | 11' | 11' | 11' | 75% | Generally Symmetrical | Average | Average | Forked at 6' | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 155 | DR/Mg | 9.5" | 15' | 15' | 15' | 15' | 15' | 85% | Minor Asymmetry | Average | Average | Typical | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 156 | VM/Ac | 4.6, 4.5 & 4.5" | 14' | 14' | 14' | 14' | To existing building | 85% | Minor Asymmetry | Average | Average | Forked at 6 & 9" | NAD | Restricted | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 157 | BLM/Am | 31.2 & 11.3" | 30' | 30' | 30' | 30' | 30' | 35% | Minor Asymmetry | Dense | Healthy | Forked at 2 & 5' | NAD | NAD | Southern trunk is dead. Dead branches in canopy. | Fair | Non-Significant | Prune dead wood |
| Sheet 9 | 158 | BLM/Am | 13.2" | 10' | 10' | 10' | 10' | 10' | 25% | Major Asymmetry | Average | Broken out | Slightly serpentine | NAD | NAD | Tag is tied to the foliage on the northwest side. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 159 | BLM/Am | 26.9" | 28' | 28' | 28' | 28' | To parking lot | 65% | Minor Asymmetry | Dense | Healthy | Typical | NAD | Restricted | Base is approximately 16 feet east of the parking lot. The northern trunk has center rot but appears compartmentalized. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 160 | WRC/Tp | 32.3 & 17.1" | 26' | 26' | 26' | 26' | 26' | 98% | Generally Symmetrical | Dense | Average | Straight | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 9 | 161 | BLM/Am | 49.7" | 36' | NA | NA | NA | NA | 40% | Minor Asymmetry | Average | Average | Center rot | Base rot | Rot, restricted | Dead branches in canopy. Carpenter ant infestation. | Poor | Non-Significant | Remove for safety |
| Sheet 9 | 162 | BLM/Am | 15.2" | 18' | 18' | To parking lot | 18' | 18' | 35% | Major Asymmetry | Average | Healthy | Serpentine | NAD | Restricted | Base is approximately 3 feet north of parking lot fence. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 163 | WRC/Tp | 28.4" | 18' | 18' | 18' | 18' | To sidewalk | 98% | Generally Symmetrical | Dense | Healthy | Straight | NAD | Restricted | Stress cone crop. | Good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 164 | RA/Ar | 10.0 &7 9.8" | 20' | 20' | To sidewalk | To sidewalk | 20' | 85% | Major Asymmetry | Average | Average | Forked at 16"w/ included bark down to base | NAD | Restricted | Base is approximately 5 feet northwest of the sidewalk and 8 feet north of the utility vault. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 165 | PbB/Bp | 6.9" | 12' | 12' | To sidewalk | To sidewalk | 12' | 35% | Major Asymmetry | Average | Weak | Leans northwest, serpentine | NAD | Restricted | Sap sucker activity. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 166 | PbB/Bp | 7.6" | 14' | 14' | 14' | 14' | 14' | 60% | Generally Symmetrical | Average | Weak | Slightly serpentine | NAD | NAD | Sap sucker activity. | Poor | Non-Significant | Remove for safety |
| Sheet 9 | 167 | RA/Ar | 8.1" | 16' | 16' | 16' | 16' | 16' | 80% | Major Asymmetry | Average | Average | Typical | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 168 | PbB/Bp | 6.3" | 12' | 12' | 12' | 12' | 12' | 70% | Major Asymmetry | Dense | Regenerating Average | Leans west over edge of field | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 169 | PbB/Bp | 10.9" | 16' | NA | NA | NA | NA | 98% | Major Asymmetry | Dense | Dying | Slight bow north | NAD | Restricted | Base is approximately 5 feet east of edge of field. Tree has bronze birch bores infestation and will not survive. | Poor | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 9 | 170 | WRC/Tp | 33.7" | 22' | 22' | To sidewalk | To sidewalk | 22' | 98% | Generally Symmetrical | Dense | Healthy | Straight | NAD | Restricted | Stress cone crop. | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 171 | RA/Ar | 16.7" | 22' | NA | NA | NA | NA | 35% | Major Asymmetry | Sparse | Broken out | Center rot | Probable base rot | Probable Root Rot | | Poor | non-Significant | Remove for safety |
| Sheet 9 | 172 | BLM/Am | 9.8 & 8.2" | 16' | 16' | 16' | 16' | 16' | 96% | Major Asymmetry | Dense | Healthy | Forked at base | Partially exposed | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 173 | BLM/Am | 21.3" | 40' | 40' | 40' | 40' | 40' | 98% | Generally Symmetrical | Dense | Healthy | Typical | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 174 | BLM/Am | 15.1" | 24' | 24' | 24' | 24' | 24' | 90% | Major Asymmetry | Dense | Healthy | Fork at 9', slight lean E | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 175 | RA/Ar | 16.3" 17.2" | 28' | 28' | 28' | 28' | 28' | 90% | Minor Asymmetry | Average | Dying | Foe, at 2.5', Center rot | Probable base rot | Probable Root Rot | Root pockets in branch collar wounds. Dead branches in canopy. | Poor | Non-Significant | Remove for Safety |
| Sheet 9 | 176 | PbB/Bp | 11.9"12.3" | 20' | 20' | 20' | 20' | 20' | 65% | Minor Asymmetry | Average | Average | Fork at base | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 177 | PbB/Bp | 25.2" | 36' | 36' | 36' | 36' | 36' | 90% | Generally Symmetrical | Dense | Healthy | Typical | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 178 | BLM/Am | 35.2" | 38' | 38' | 38' | 38' | 38' | 94% | Generally Symmetrical | Average | Average | Fork at 5' w/ included bark to base | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 6 | 179 | RB/Cc | 4.5" & 3.5" | 7' | 7' | 7' | 7' | To existing Bldg. | 25% | Minor Asymmetry | Average | Average | fork at 2' w/ included bark to base | NAD | Restricted | Base is approximately 6 feet from the building. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 10 | 180 | BLM/Am | 13.5" | 26' | 26' | 26' | 26' | 26' | 8% | Major Asymmetry | Dense | Healthy | fork at 26', Typical | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 10 | 181 | BLM/Am | 14.7" | 24' | 24' | 24' | 24' | To sidewalk | 80% | Minor Asymmetry | Average | Average | Leans W | Partially exposed | NAD | Base is app. 3 feet west of the SW side of the school sign. Side pruned for utilities. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 10 | 182 | BLM/Am | 33.7" | 32' | 32' | 32' | 32' | To sidewalk | 70% | Minor Asymmetry | Average | Average | Fork at 2.5' w/ included bark to base | NAD | Restricted | Base is app. 8 feet west of sidewalk. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 10 | 183 | RA/Ar | 7.6" | 0' | n/a | n/a | n/a | n/a | 0% | n/a | none | Dead | Center rot | Base rot | Root Rot | Bark is sloughing. | Dead | Non-Significant | Remove for safety |
| Sheet 10 | 184 | C/Rp | 6.8" & 7.8" | 12' | n/a | n/a | n/a | n/a | 90% | Generally Symmetrical | Sparse | Dead | Center rot | Base rot | Root Rot | Woodpecker activity. Carpenter Ant infestation. | Dying | Non-Significant | Remove for safety |
| Sheet 10 | 185 | BLM/Am | 22.6" | 38' | 38' | 38' | 38' | 38' | 96% | Generally Symmetrical | Dense | Healthy | Fork at 16' w/ included bark down 10' | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 10 | 186 | BLM/Am | 33.1" | 22' | 22' | 22' | 22' | 22' | 75% | Minor Asymmetry | Dense | Healthy | Fork at 6' w/ included bark to base | NAD | Restricted | Recent excavation on east side within the dripline. | Fair | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 10 | 187 | BLM/Am | 28.1" | 28' | 28' | 28' | To sidewalk | 28' | 70% | Major Asymmetry | Average | Average | fork at 8' w/ included bark down 6' | NAD | Restricted | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 10 | 188 | BLM/Am | clump of 5 | 14' | 14' | 14' | To sidewalk | 14' | 70% | Major Asymmetry | Dense | Utility Pruned | Fork at base | NAD | Restricted | Trunk diameters are: 4.8", 4.9", 3.3", 3.2", & 1.8". Stump sprouts. Base is app. 6 feet from utilities and app. 8' from the sidewalk. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 10 | 189 | PbB/Bp | 7.6" | 12' | n/a | n/a | n/a | n/a | 60% | Major Asymmetry | Average | Utility Pruned | Center rot | Probable base rot | Restricted | | Poor | Non-Significant | Remove for safety |
| Sheet 10 | 190 | PbB/Bp | 10.5" | 16' | n/a | n/a | n/a | n/a | 85% | Minor Asymmetry | Average | Regenerating -- Weak | Typical | NAD | Restricted | Base is app. 4 feet south of the dew sidewalk curb. | Poor | Non-Significant | Remove for safety |
| Sheet 10 | 191 | PbB/Bp | 7.3" | 14' | n/a | n/a | n/a | n/a | 85% | Major Asymmetry | Thin | Dead | Serpentine | NAD | Restricted | | Poor | Non-Significant | Remove for safety |
| Sheet 10 | 192 | PbB/Bp | 10.7" | 16' | n/a | n/a | n/a | n/a | 90% | Major Asymmetry | Average | Weak | Serpentine | NAD | Restricted | | Dying | Non-Significant | Remove for safety |
| Sheet 10 | 193 | PbB/Bp | 7.0" | 12' | n/a | n/a | n/a | n/a | 45% | Major Asymmetry | Average | Suppressed | for, at 5', Center Rot | Base rot | Root Rot | Root pockets in branch collar wounds. Dead branches in canopy. | Poor | Non-Significant | Remove for safety |
| Sheet 10 | 194 | WH/Th | 23.9" | 20' | To sidewalk | 20' | 20' | 20' | 96% | Generally Symmetrical | Dense | Average | Straight | NAD | Restricted | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 10 | 195 | BLM/Am | 8.7" | 14' | To sidewalk | 14' | 14' | 14' | 85% | Generally Symmetrical | Average | Average | Typical | NAD | Restricted | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 7 | 196 | ESp/Pe | 25.2" | 14' | 14' | 14' | To sidewalk | 14' | 96% | Generally Symmetrical | Average | Healthy | Slightly serpentine | NAD | Restricted | Growing in block retaining wall above sidewalk above fence. Heavy foliar insect predation. | Good | Significant | Treat w/ insecticide or insecticidal soap. Potential to retain with tree |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| | | | | | | | | | | | | | | | | | | | protection measures |
| Sheet 7 | 197 | RM/Ar | 2.7" | 5' | 5' | 5' | 5' | 5' | 75% | Major Asymmetry | Average | Average | fork at 5', ty | NAD | NAD | Tag tied onto branch. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 7 | 198 | RM/Ar | 3.1" | 5' | 5' | 5' | 5' | 5' | 65% | Generally Symmetrical | Average | Average | fork at 6', ty | NAD | NAD | Tag tied onto branch. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 7 | 199 | RM/Ar | 3.7" | 5' | 5' | 5' | 5' | 5' | 85% | Generally Symmetrical | Average | Average | Typical | NAD | NAD | Tag tied onto branch. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 4 | 200 | WB/Bp | 17.3" | 18' | To sidewalk | 18' | 18' | 18' | 94% | Generally Symmetrical | Average | Average | slight bow, fork at 18' | NAD | Restricted | Tree will not survive construction stress. Better to remove an replace. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 4 | 201 | WB/Bp | 17.2" | 18' | 18' | 18' | 18' | 18' | 96% | Generally Symmetrical | Average | Average | Serpentine | NAD | NAD | Tree will not survive construction stress. Better to remove an replace. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 4 | 202 | WB/Bp | 14.3" | 16' | 16' | 16' | 16' | 16' | 96% | Generally Symmetrical | Average | Average | Serpentine | NAD | NAD | Tree will not survive construction stress. Better to remove an replace. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 4 | 203 | WB/Bp | 12.1" | 16' | 16' | 16' | 16' | 16' | 96% | Generally Symmetrical | Average | Weak | Serpentine | NAD | NAD | Tree will not survive construction stress. Better to remove an replace. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 4 | 204 | WB/Bp | 12.7" | 16' | 16' | 16' | 16' | 16' | 96% | Generally Symmetrical | Thin | Dead | Serpentine | NAD | NAD | Tree will not survive construction stress. Better to remove an replace. | Poor | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 4 | 205 | WB/Bp | 12.2" | 12' | 12' | 12' | 12' | 12' | 98% | Generally Symmetrical | Average | Weak | Serpentine | NAD | NAD | Tree will not survive construction stress. Better to remove an replace. | Poor | Non-Significant | Remove for safety |
| Sheet 4 | 206 | WB/Bp | 12.6" | 18' | 18' | 18' | 18' | 18' | 96% | Minor Asymmetry | Thin | Average | fork at 20', serpentine | NAD | NAD | Tree will not survive construction stress. Better to remove an replace. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 4 | 207 | WB/Bp | 26.1" | 34' | 34' | 34' | 34' | 34' | 98% | Generally Symmetrical | Thin | Weak | Typical | NAD | NAD | Tree will not survive construction stress. Better to remove an replace. Rot pockets in branch collar wounds. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 4 | 208 | WB/Bp | 14.3" | 18' | 18' | 18' | 18' | 18' | 96% | Minor Asymmetry | Average | Weak | Serpentine | NAD | NAD | Tree will not survive construction stress. Better to remove an replace. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 209 | WB/Bp | 11.8" | 14' | n/a | n/a | n/a | n/a | 94% | Generally Symmetrical | Thin | Dying | Serpentine | NAD | NAD | Tree will not survive construction stress. Better to remove an replace. Popping bark at base. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 210 | WB/Bp | 9.2" | 12' | 12' | 12' | 12' | 12' | 97% | Generally Symmetrical | Average | Average | fork at 16', serpentine | NAD | NAD | Tree will not survive construction stress. Better to remove an replace. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 211 | WB/Bp | 13.1" | 23' | 23' | 23' | To sidewalk | 23' | 98% | Generally Symmetrical | Average | Average | Serpentine | NAD | NAD | Tree will not survive construction stress. Better to remove an replace. Extensive sucker growth from base. | Fair | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 4 | 212 | DF/Pm | 29.9" | 20' | 20' | 20' | To sidewalk | 20' | 94% | Generally Symmetrical | Short Shoot Elongation | Regenerating -- Weak | Straight | NAD | Restricted | Calloused wound on West side base up 4'. Calloused wound south side at 3 to 4 feet. Foliage is necrotic and there is Epicormic Growth on the trunk. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 213 | RA/Ar | Est. 15.5 | 16' | To sidewalk | 16' | 16' | To W prop. Line | 65% | Minor Asymmetry | Sparse | Broken out | Center rot | Base rot | Root Rot | Tag tied to Blackberry on south side. Carpenter Ant infestation. Woodpecker activity. | Dying | Non-Significant | Remove for safety |
| Sheet 9 | 214 | BLM/Am | 41.3" w/Ivy | 34' | n/a | n/a | n/a | n/a | 60% | Generally Symmetrical | Dense | Healthy | fork at 5', Center Rot | Base rot | Root Rot | Carpenter Ant infestation. | Poor | Non-Significant | Remove for safety |
| Sheet 9 | 215 | BLM/Am | clump of 5 | 26' | n/a | n/a | n/a | n/a | 30% | Minor Asymmetry | Average | Average | Center rot | Base rot | Root Rot | Trunk diameters are: 16.7", 6.2", 9.8", 13.1" & 5.3". | Poor | Non-Significant | Remove for safety |
| Sheet 9 | 216 | BLM/Am | 8.3" | 12' | n/a | n/a | n/a | n/a | 75% | Major Asymmetry | Average | Weak | Leans SE, Center Rot | Base rot | Root Rot | Open wound west side base up 3.5' with Hypoxylon tar. | Poor | Non-Significant | Remove for safety |
| Sheet 9 | 217 | RA/Ar | 10.3" | 11' | n/a | n/a | n/a | n/a | 30% | Major Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | Tag tied to foliage on the SE side. Carpenter Ant infestation. Woodpecker activity. | Poor | Non-Significant | Remove for safety |
| Sheet 9 | 218 | RA/Ar | 22.3" | 24' | n/a | n/a | n/a | n/a | 90% | Major Asymmetry | Sparse | Weak | Bowed | Probable base rot | Root Rot | Fungal infection in trunk. | Poor | Non-Significant | Remove for safety |
| Sheet 9 | 219 | BLM/Am | 6.8" | 9' | 9' | 9' | 9' | 9' | 85% | Minor Asymmetry | Average | Average | Straight | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 220 | BLM/Am | 9.8" | 16' | 16' | 16' | 16' | 16' | 65% | Minor Asymmetry | Dense | Healthy | Serpentine | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 221 | RA/Ar | 34.3" | 36' | 36' | 36' | 36' | 36' | 98% | Generally Symmetrical | Average | Average | Typical | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 9 | 222 | BLM/Am | 9.2", 6.3", & 4.1" | 20' | 20' | 20' | 20' | 20' | 94% | Minor Asymmetry | Dense | Healthy | fork at 1' & 3' | NAD | NAD | Rot pockets in branch collar wounds. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 223 | RA/Ar | 18.2" | 0' | n/a | n/a | n/a | n/a | 0% | n/a | none | Dead | Center rot | Base rot | Root Rot | Carpenter Ant infestation. | Dead | Non-Significant | Remove for Safety |
| Sheet 9 | 224 | RA/Ar | 12.4" | 0' | n/a | n/a | n/a | n/a | 0% | n/a | none | Dead | Center rot | Base rot | Root Rot | | Poor | Non-Significant | Remove for Safety |
| Sheet 9 | 225 | BLM/Am | 8.6" | 16' | 16' | 16' | 16' | 16' | 45% | Major Asymmetry | Dense | Healthy | Serpentine | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 226 | RA/Ar | Clump of 6 | 0' | n/a | n/a | n/a | n/a | 0% | n/a | none | Dead | Center rot | Base rot | Root Rot | Trunk diameters are: 11.9", 3.7", 13.2", 8.3", 9.0", & 15.2". Stump sprouts--4 of the 6 trunk are dead. | Dead | Non-Significant | Remove for safety |
| Sheet 9 | 227 | BLM/Am | 12.6" & 8.5" | 24' | 24' | 24' | 24' | 24' | 98% | Minor Asymmetry | Dense | Regenerating -- Healthy | for at 1' and 14' | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 228 | BLM/Am | 7.5"& 6.1" | 16' | 16' | 16' | 16' | 16' | 96% | Major Asymmetry | Dense | Healthy | Fork at base | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 229 | RA/Ar | 9.2" & 7.6 | 12' | n/a | n/a | n/a | n/a | 40% | Minor Asymmetry | Thin | Weak | Leans E, Fork at base, Center Rot | Base rot | Root Rot | Fungal infection in trunk. Bark sloughing on west trunk. | Dying | Non-Significant | Remove for safety |
| Sheet 9 | 230 | BLM/Am | 21.2" | 40' | 40' | 40' | 40' | 40' | 60% | Minor Asymmetry | Average | Average | Typical | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 231 | BLM/Am | 14.3" | 26' | n/a | n/a | n/a | n/a | 55% | Major Asymmetry | Average | Regenerating -- Average | Prev. topped at 24' & 36' | NAD | NAD | Rot pockets in branch collar wounds. | Poor | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 9 | 232 | BLM/Am | 15.7" | 20' | 20' | 20' | 20' | 20' | 75% | Major Asymmetry | Dense | Healthy | Slight lean E | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 233 | BLM/Am | 10.1" & 8.6" | 23' | 23' | 23' | 23' | 23' | 50% | Major Asymmetry | Dense | Healthy | fork at base | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 234 | BLM/Am | 5.2", 18.3", & 20.1" | 28' | n/a | n/a | n/a | n/a | 35% | Generally Symmetrical | Dense | Healthy | Fork at 6' w/ included bark to base | Base rot | Root Rot | small trunk on south side is dead and broken off. It is leaning into the canopy of # 233. Trunk has center rot. | Poor | Non-Significant | Remove for safety |
| Sheet 9 | 235 | BLM/Am | 10.9", 3.6", & 24.3" | 32' | 32' | 32' | 32' | 32' | 98% | Minor Asymmetry | Dense | Healthy | fork at 7' w/ included bark to base | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 236 | BLM/Am | 34.3" | 44' | 44' | 44' | 44' | 44' | 50% | Generally Symmetrical | Dense | Healthy | Leans SE, fork at 20' | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 237 | BLM/Am | 16.9", 19.7", & 12.1" | 26' | 26' | 26' | 26' | 26' | 90% | Major Asymmetry | Dense | Healthy | fork at 2' & 4', Leans SE | Partially exposed | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 238 | BLM/Am | 8.3" & 7.9" | 20' | 20' | 20' | 20' | 20' | 50% | Major Asymmetry | Average | Over topped | Fork at 18" | Partially exposed | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 239 | BLM/Am | clump of 5 | 46' | n/a | n/a | n/a | n/a | 40% | Minor Asymmetry | Dense | Healthy | Center rot | Base rot | Root Rot | Trunk diameters are: 11.4", 16.5", 20.1", 17.2", & 11.9". Dead branches in canopy. | Poor | Non-Significant | Remove for safety |
| Sheet 9 | 240 | BLM/Am | clump of 5 | 15' | n/a | n/a | n/a | n/a | 65% | Major Asymmetry | Thin | Weak | fork at 16', Center Rot | Base rot | Root Rot | Trunk diameters are: 18.7", 8.2", 3.9", 7.8", & 10.9. Stump sprouts. | Poor | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 9 | 241 | BLM/Am | 8.9" | 20' | 20' | 20' | 20' | 20' | 90% | Major Asymmetry | Dense | Healthy | fork at 16' | Partially exposed | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 242 | RA/Ar | Clump of 4 | 36' | n/a | n/a | n/a | n/a | 94% | Minor Asymmetry | Sparse | Weak | fork at 3' w/ included bark to base, Center Rot | Base rot | Probable Root Rot | Trunk diameters are: 16.2", 5.4", 12.1", & 17.3". Tag tied to Blackberry vine on south side. Fungal infection in trunk. Rot pockets in branch collar wounds. Rot column in trunk below old topping wound. | Poor | Non-Significant | Remove for safety |
| Sheet 9 | 243 | BLM/Am | 9.5 | 16' | 16' | 16' | 16' | 16' | 85% | Major Asymmetry | Dense | Healthy | Leans NW | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 244 | RA/Ar | 17.7" | 26' | n/a | n/a | n/a | n/a | 50% | Minor Asymmetry | Sparse | Dying | Slight lean NW, Serpentine | Probable base rot | Probable Root Rot | fungal infection in trunk. | Dying | Non-Significant | Remove for safety |
| Sheet 9 | 245 | RA/Ar | 11.9" | 12' | n/a | n/a | n/a | n/a | 12% | Major Asymmetry | Sparse | Weak | Center rot | Base rot | Root Rot | Carpenter Ant infestation. | Dying | Non-Significant | Remove for safety |
| Sheet 9 | 246 | BLM/Am | 11.6" | 23' | 23' | 23' | 23' | 23' | 60% | Minor Asymmetry | Dense | Regenerating -- Healthy | Kink at 17' | Partially exposed | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 247 | BLM/Am | 18.7" | 38' | 38' | 38' | 38' | 38' | 94% | Generally Symmetrical | Dense | Healthy | Slight Lean E | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 248 | BLM/Am | 8.7" | 20' | 20' | 20' | 20' | 20' | 50% | Minor Asymmetry | Dense | Regenerating -- Healthy | Typical | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 249 | BLM/Am | 7.6" | 16' | 16' | 16' | 16' | 16' | 45% | Generally Symmetrical | Dense | Healthy | Slightly serpentine | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 9 | 250 | RA/Ar | 19.6" | 16' | n/a | n/a | n/a | n/a | 8% | Major Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | Rot pockets in branch collar wounds. | Dying | Non-Significant | Remove for safety |
| Sheet 9 | 251 | BLM/Am | 7.8" | 16' | 16' | 16' | 16' | 16' | 40% | Minor Asymmetry | Dense | Healthy | Typical | swollen | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 252 | BLM/Am | 10.4" | 18' | n/a | n/a | n/a | n/a | 90% | Minor Asymmetry | Dense | Regenerating -- Healthy | Prev. topped at 24' | NAD | NAD | Rot columns below old topping wounds. Good health but poor structure. | Poor | Non-Significant | Remove for safety |
| Sheet 9 | 253 | BLM/Am | 8.7" | 15' | 15' | 15' | 15' | 15' | 55% | Generally Symmetrical | Average | Regenerating -- Healthy | Typical | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 254 | BLM/Am | 10.8" | 22' | 22' | 22' | 22' | 22' | 75% | Generally Symmetrical | Dense | Healthy | Typical | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 255 | BLM/Am | 43.8" | 36' | n/a | n/a | n/a | n/a | 85% | Minor Asymmetry | Average | Average | Center rot | Base rot | Root Rot | | Poor | Non-Significant | Remove for safety |
| Sheet 9 | 256 | BLM/Am | 12.6" | 24' | n/a | n/a | n/a | n/a | 35% | Major Asymmetry | Average | Average | Leans SE, Serpentine | Base rot | Root Rot | | Poor | Non-Significant | Remove for safety |
| Sheet 9 | 257 | BLM/Am | 7.9", 14.9", & 9.1" | 26' | n/a | n/a | n/a | n/a | 40% | Major Asymmetry | Average | Average | Center rot | Base rot | Root Rot | | Poor | Non-Significant | Remove for safety |
| Sheet 9 | 258 | BLM/Am | 18.3" | 28' | 28' | 28' | 28' | 28' | 60% | Minor Asymmetry | Average | Average | Bowed | Partially exposed | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 259 | BLM/Am | 13.8" & 16.6" | 28' | 28' | 28' | 28' | 28' | 60% | Minor Asymmetry | Average | Average | fork at 1' | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 260 | BLM/Am | 18.3" | 34' | 34' | 34' | 34' | 34' | 92% | Minor Asymmetry | Dense | Healthy | Leans SE, fork at 32' | Partially exposed | NAD | | Good | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 9 | 261 | BLM/Am | 11.1" | 16' | 16' | 16' | 16' | 16' | 35% | Major Asymmetry | Average | Average | Typical | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 262 | BLM/Am | 19.7" & 8.4" | 38' | 38' | 38' | 38' | 38' | 35% | Minor Asymmetry | Dense | Healthy | fork at 5' & 18' | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 263 | BLM/Am | 23.1" | 30' | 30' | 30' | 30' | 30' | 65% | Major Asymmetry | Average | Average | Typical | NAD | NAD | Dead branches in canopy. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 264 | BLM/Am | 7.5" | 12' | 12' | 12' | 12' | 12' | 20% | Major Asymmetry | Average | Over topped | Bowed | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 265 | BLM/Am | Clump of 5 | 32' | n/a | n/a | n/a | n/a | 50% | Major Asymmetry | Average | Average | for, at 6', Center Rot | Base rot | Root Rot | Stump sprouts. | Poor | Non-Significant | Remove for safety |
| Sheet 9 | 266 | BLM/Am | 12.7" 7 23.3" | 32' | n/a | n/a | n/a | n/a | 40% | Major Asymmetry | Average | Average | Center rot | Base rot | Root Rot | Adjacent to old growth WRC stump. Carpenter Ant infestation. | Poor | Non-Significant | Remove for safety |
| Sheet 9 | 267 | BLM/Am | Clump of 4 | 28' | 29' | 30' | 31' | 32' | 25% | Major Asymmetry | Average | Average | fork at 4.5' w/ included bark to base | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 268 | BLM/Am | 17.1" & 16.2" | 16' & 26' | 22' | 22' | 22' | 22' | 70% | Minor Asymmetry | Dense | One broken off, one Healthy | fork at 2', Serpentine | Partially exposed | NAD | South trunk broken out at 36 feet. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 269 | BLM/Am | 9.4" | 14' | 14' | 14' | 14' | 14' | 65% | Minor Asymmetry | Average | Regenerating -- Average | fork at 16' | Partially exposed | NAD | North fork broken out at 26 feet. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 9 | 270 | BLM/Am | 37.9" | 30' | 30' | 30' | 30' | 30' | 35% | Minor Asymmetry | Average | Average | fork at 3' | Partially exposed | NAD | Dead branches in canopy. | Fair | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 9 | 271 | BLM/Am | 11.3" | 20' | 20' | 20' | 20' | 20' | 65% | Minor Asymmetry | Average | Average | Leans SE | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 272 | RA/Ar | 12.7" | 22' | n/a | n/a | n/a | n/a | 85% | Minor Asymmetry | Thin | Weak | Slight lean E | Exposed | NAD | | Poor | Non-Significant | Remove for Safety |
| Sheet 5 | 273 | RA/Ar | 8.6" | 12' | n/a | n/a | n/a | n/a | 35% | Minor Asymmetry | Thin | Weak | Leans NE | Exposed | NAD | Fungal infection in trunk. | Poor | Non-Significant | Remove for Safety |
| Sheet 5 | 274 | RA/Ar | 7.7" & 7.7" | 14' | n/a | n/a | n/a | n/a | 60% | Minor Asymmetry | Thin | Weak | fork art 2' w/ included bark to base | Partially exposed | Surface | Fungal infection in trunk. | Poor | Non-Significant | Remove for Safety |
| Sheet 5 | 275 | RA/Ar | 7.4" | 15' | 15' | 15' | 15' | 15' | 70% | Minor Asymmetry | Thin | Average | Slightly serpentine | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 276 | RA/Ar | 6.9" & 8.3" | 24' | n/a | n/a | n/a | n/a | 0% | Minor Asymmetry | Thin | Weak | fork at 2' w/ included bark to base | Base rot | Root Rot | Open wound NW side 4 rot 5.5 feet. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 277 | RA/Ar | 7.2" & 6.7" | 16' | n/a | n/a | n/a | n/a | 65% | Minor Asymmetry | Thin | Dying | fork at 2', Center Rot | Base rot | Root Rot | Tag tied to blackberry. | Dying | Non-Significant | Remove for safety |
| Sheet 5 | 278 | RA/Ar | 7.2", 5.3", & 4.1" | 19' | n/a | n/a | n/a | n/a | 80% | Minor Asymmetry | Sparse | Weak | fork at base & 2' | NAD | NAD | Tag tied to blackberry. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 279 | RA/Ar | 8.9" | 14' | n/a | n/a | n/a | n/a | 80% | Generally Symmetrical | Thin | Dying | Typical | NAD | NAD | Tag tied to blackberry. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 280 | RA/Ar | 7.8" | 12' | n/a | n/a | n/a | n/a | 85% | Minor Asymmetry | Thin | Weak | Slightly serpentine | unobserved | unobserved | Tag tied to blackberry. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 281 | DF/Pm | 14.3" | 16' | 16' | 16' | 16' | 16' | 98% | Minor Asymmetry | Dense | Healthy | Straight | Base rot | Surface | Stress cone crop. | Very good | Significant | Potential to retain with tree |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| | | | | | | | | | | | | | | | | | | | protection measures |
| Sheet 5 | 282 | DF/Pm | 15.0" | 16' | 16' | 16' | 16' | 16' | 96% | Minor Asymmetry | Average | Healthy | Straight | Partially exposed | NAD | Early bark beetle infestation. | Good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 283 | RA/Ar | 9.2" | 4' | n/a | n/a | n/a | n/a | 2% | Major Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | Carpenter Ant infestation. | Dying | Non-Significant | Remove for safety |
| Sheet 5 | 284 | DF/Pm | 15.8" | 18' | 18' | 18' | 18' | 18' | 94% | Minor Asymmetry | Dense | Healthy | slight bow E | Partially exposed | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 285 | RA/Ar | 9.7" | 18' | n/a | n/a | n/a | n/a | 50% | Minor Asymmetry | Thin | Weak | Leans N | Partially exposed | NAD | | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 286 | RA/Ar | 8.4" | 15' | n/a | n/a | n/a | n/a | 65% | Major Asymmetry | Sparse | Broken out | Center rot | Base rot | Probable Root Rot | Callouses wound, NW side from 2.5 to 3.5 feet. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 287 | RA/Ar | 9.0" | 16' | n/a | n/a | n/a | n/a | 40% | Minor Asymmetry | Sparse | Broken out | Center rot | Probable base rot | Probable Root Rot | Fungal infection in trunk. Rot pockets in branch collar wounds. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 288 | RA/Ar | 10.9" | 18' | n/a | n/a | n/a | n/a | 85% | Generally Symmetrical | Sparse | Dying | Serpentine | Base rot | NAD | | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 289 | RA/Ar | Est. 11.5" | 20' | n/a | n/a | n/a | n/a | 80% | Minor Asymmetry | Sparse | Dying | Leans N, fork at 7' | NAD | NAD | Tag tied to shrub. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 290 | RA/Ar | 9.3" | 16' | n/a | n/a | n/a | n/a | 50% | Major Asymmetry | Sparse | Dead | Leans N | fill on 40% of roots | fill on 50% of roots | | Dying | Non-Significant | Remove for safety |
| Sheet 5 | 291 | RA/Ar | 9.8" | 13' | n/a | n/a | n/a | n/a | 60% | Major Asymmetry | Thin | Dying | Slight Lean SE | Partially exposed | NAD | | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 292 | RA/Ar | 7.6" | 8' | n/a | n/a | n/a | n/a | 25% | Minor Asymmetry | Thin | Weak | Bowed | Partially exposed | NAD | Calloused crack on south side 2' to 4.5 feet with sap flow. It is a structural crack. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 293 | RA/Ar | 8.6" | 15' | n/a | n/a | n/a | n/a | 45% | Major Asymmetry | Sparse | Dead | Typical | Partially exposed | NAD | Fungal infection in trunk. | Poor | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 5 | 294 | RA/Ar | 9.8"& 8.7" | 18' | n/a | n/a | n/a | n/a | 80% | Minor Asymmetry | Sparse | Weak | fork at 1' | Internal structural weakness | NAD | West trunk broken off at 26' w/decay column below. Carpenter Ant infestation. Woodpecker activity. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 295 | RA/Ar | 7.9" | 12' | n/a | n/a | n/a | n/a | 25% | Major Asymmetry | Sparse | Regenerating -- Weak | Center rot | Base rot | Root Rot | Woodpecker activity. Carpenter Ant infestation. | Dead | Non-Significant | Remove for safety |
| Sheet 5 | 296 | BLM/Am | 8.9" | 16' | 16' | 16' | 16' | 16' | 65% | generally Symmetrical | Dense | Regenerating -- Healthy | Straight | NAD | NAD | previously topped at 26 feet. | Good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 297 | WRC/Tp | 8.8" | 12' | 12' | 12' | 12' | 12' | 98% | Generally Symmetrical | Average | Healthy | Straight | Partially exposed | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 298 | RA/Ar | 9.1" | 0' | n/a | n/a | n/a | n/a | 0% | n/a | none | Dead | Center rot | Base rot | Root Rot | Woodpecker activity. Carpenter Ant infestation. | Dead | Non-Significant | Remove for safety |
| Sheet 5 | 299 | RA/Ar | 7.9" | 14' | n/a | n/a | n/a | n/a | 70% | Major Asymmetry | Thin | Weak | Leans N, Serpentine | NAD | NAD | | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 300 | RA/Ar | 11.1" | 16' | n/a | n/a | n/a | n/a | 85% | Major Asymmetry | Thin | Dead | Leans N | NAD | NAD | | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 301 | RA/Ar | 11.4" | 16' | n/a | n/a | n/a | n/a | 40% | Minor Asymmetry | Sparse | Dead | Leans NW | NAD | Fill on 40% of roots | Fungal infection in trunk. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 302 | DF/Pm | 7.6" | 8' | 8' | 8' | 8' | 8' | 30% | Minor Asymmetry | Average | Average | Slightly serpentine | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 303 | DF/Pm | 11.4" | 14' | 14' | 14' | 14' | 14' | 85% | Minor Asymmetry | Dense | Healthy | Straight | Partially exposed | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 304 | BLM/Am | 7.8" | 18' | 18' | 18' | 18' | 18' | 70% | Minor Asymmetry | Dense | Healthy | Typical | Bowed at base | NAD | | Good | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 5 | 305 | BLM/Am | 8.5" | 16' | 16' | 16' | 16' | 16' | 60% | Generally Symmetrical | Dense | Healthy | Straight | Partially exposed | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 306 | RA/Ar | 9.7" | 9' | n/a | n/a | n/a | n/a | 35% | Major Asymmetry | Sparse | Dead | Leans E, Center Rot | Base rot | Root Rot | Fungal infection in trunk. | Dying | Non-Significant | Remove for safety |
| Sheet 5 | 307 | BLM/Am | 8.6" | 16' | 16' | 16' | 16' | 16' | 50% | Minor Asymmetry | Dense | Healthy | fork at 24', typical | Partially exposed | Surface | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 308 | DF/Pm | 10.4" | 16' | 16' | 16' | 16' | 16' | 65% | Major Asymmetry | Dense | Healthy | Straight | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 309 | DF/Pm | 11.0" | 18' | 18' | 18' | 18' | 18' | 94% | Major Asymmetry | Dense | Healthy | Straight | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 310 | BLM/Am | 24.6" | 34' | 34' | 34' | 34' | 34' | 65% | Generally Symmetrical | Dense | Regenerating -- Healthy | fork at 47', straight below | Partially exposed | Surface | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 311 | DF/Pm | 8.8" | 10' | 35' | | | | 35% | Minor Asymmetry | Average | Over topped | slight lean E | Partially exposed | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 312 | DF/Pm | 6.9" | 9' | 9' | 9' | 9' | 9' | 20% | Minor Asymmetry | Average | Over topped | slight lean E | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 313 | DF/Pm | 8.1" | 13' | 13' | 13' | 13' | 13' | 60% | Major Asymmetry | Average | Over topped | Straight | Partially exposed | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 314 | DF/Pm | 7.1" | 10' | 10' | 10' | 10' | 10' | 70% | Major Asymmetry | Average | Average | Straight | Partially exposed | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 315 | DF/Pm | 11.6" | 16' | 16' | 16' | 16' | 16' | 80% | Major Asymmetry | Average | Average | Slightly serpentine | Partially exposed | NAD | | Fair | Significant | Potential to retain with tree |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| | | | | | | | | | | | | | | | | | | | protection measures |
| Sheet 5 | 316 | DF/Pm | 9.5" | 14' | 14' | 14' | 14' | 14' | 40% | Major Asymmetry | Average | Average | Straight | Bowed at base | Surface | Early bark beetle infestation. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 317 | DF/Pm | 10.1" | 14' | 14' | 14' | 14' | 14' | 65 | Major Asymmetry | Average | Average | Leans NE, slightly Serpentine | Partially exposed | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 318 | DF/Pm | 7.6" | 9' | 9' | 9' | 9' | 9' | 35% | Major Asymmetry | Average | Average | Slightly serpentine | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 319 | DF/Pm | 9.5" | 13' | 13' | 13' | 13' | 13' | 75% | Major Asymmetry | Average | Average | Kink at 18' | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 320 | WRC/Tp | 8.9" | 16' | 16' | 16' | 16' | 16' | 104 % | Major Asymmetry | Average | Average | Straight | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 321 | DF/Pm | 13.7" | 18' | 18' | 18' | 18' | 18' | 75% | Minor Asymmetry | Dense | Healthy | Straight | Partially exposed | Surface | Early bark beetle infestation. | Good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 322 | DF/Pm | 11.7" | 16' | 16' | 16' | 16' | 16' | 100 % | Minor Asymmetry | Dense | Average | Straight | Partially exposed | NAD | Early bark beetle infestation. | Good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 323 | WRC/Tp | 17.8" | 20' | 20' | 20' | 20' | 20' | 105 % | Generally Symmetrical | Dense | Regenerating -- Healthy | fork at 36', straight | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 324 | BLM/Am | 7.9" | 16' | 16' | 16' | 16' | 16' | 65% | Generally Symmetrical | Dense | Regenerating -- Healthy | fork at 9', Center rot | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 325 | RA/Ar | 9.6", & 4.3" | 16' | n/a | n/a | n/a | n/a | 30% | Major Asymmetry | Sparse | Broken out | Straight | Probable base rot | Probable Root Rot | Fungal infection in trunk. | Dying | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 5 | 326 | DF/Pm | 8.8" | 14' | 14' | 14' | 14' | 14' | 60% | Minor Asymmetry | Average | Average | Straight | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 327 | DF/Pm | 8.6" | 14' | 14' | 14' | 14' | 14' | 60% | Minor Asymmetry | Average | Average | slight lean NE | NAD | NAD | Calloused wound west side 14' to 18'. Early bark beetle infestation. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 328 | DF/Pm | 13.1" | 18' | 18' | 18' | 18' | 18' | 100 % | Major Asymmetry | Average | Average | slight bow | NAD | NAD | Two girdling roots, on e on the E side and one on the W side that total app. 20% of the root collar circumference. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 329 | WRC/Tp | 9.2" | 14' | 14' | 14' | 14' | 14' | 105 % | Major Asymmetry | Average | Average | Straight | NAD | NAD | Early bark beetle infestation. | Good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 330 | DF/Pm | 12.8" | 18' | 18' | 18' | 18' | 18' | 80% | Major Asymmetry | Average | Average | Slightly serpentine | Partially exposed | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 331 | DF/Pm | 9.0" | 12' | 12' | 12' | 12' | 12' | 50% | Minor Asymmetry | Average | Average | Serpentine | NAD | NAD | Early bark beetle infestation. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 332 | DF/Pm | 6.6" | 9' | 9' | 9' | 9' | 9' | 40% | Minor Asymmetry | Average | Average | Straight | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 333 | DF/Pm | 11.7" | 16' | 16' | 16' | 16' | 16' | 75% | Generally Symmetrical | Dense | Healthy | Slight lean W | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 334 | DF/Pm | 8.0" | 12' | 12' | 12' | 12' | 12' | 60% | Minor Asymmetry | Average | Average | Serpentine | NAD | NAD | Early bark beetle infestation. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 335 | WRC/Tp | 11.8" | 12' | 12' | 12' | 12' | 12' | 90% | Generally Symmetrical | Dense | Healthy | Straight | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 5 | 336 | WRC/Tp | 7.3" | 9' | 9' | 9' | 9' | 9' | 80% | Major Asymmetry | Dense | Healthy | Straight | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 337 | WRC/Tp | 8.6" | 14' | 14' | 14' | 14' | 14' | 96% | Generally Symmetrical | Dense | Healthy | Straight | NAD | NAD | | Excellent | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 338 | RA/Ar | 6.7" | 14' | n/a | n/a | n/a | n/a | 50% | Minor Asymmetry | Thin | Weak | Bowed | NAD | NAD | fungal infection in trunk. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 339 | RA/Ar | 8.5" | 12' | n/a | n/a | n/a | n/a | 35% | Major Asymmetry | Sparse | Dead | Leans E, Center Rot | Bowed at base | NAD | | Dying | Non-Significant | Remove for safety |
| Sheet 5 | 340 | RA/Ar | 8.8" | 16' | n/a | n/a | n/a | n/a | 50% | Major Asymmetry | Thin | Weak | Fork at 4', Center Rot | Base rot | Root Rot | Woodpecker activity. Carpenter Ant infestation. | Dying | Non-Significant | Remove for safety |
| Sheet 5 | 341 | RA/Ar | 9.0", & 8.7 | 24' | n/a | n/a | n/a | n/a | 50% | Major Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | 3rd trunk broken off at 3' with advanced decay that extends into the base. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 342 | BLM/Am | 8.6" | 20' | 20' | 20' | 20' | 20' | 65% | generally Symmetrical | Dense | Healthy | Typical | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 343 | BLM/Am | 9.1" | 23' | 23' | 23' | 23' | 23' | 65% | Minor Asymmetry | Dense | Healthy | Typical | NAD | Fill on 50% of roots | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 344 | RA/Ar | 11.9" | 24' | n/a | n/a | n/a | n/a | 65% | Minor Asymmetry | Thin | Dead | Leans NE | NAD | NAD | | Dying | Non-Significant | Remove for safety |
| Sheet 5 | 345 | RA/Ar | 11.1" | 16' | n/a | n/a | n/a | n/a | 65% | Major Asymmetry | Thin | Regenerating -- Weak | Serpentine | NAD | NAD | | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 346 | RA/Ar | 6.9" | 0' | n/a | n/a | n/a | n/a | 0% | n/a | none | Dead | Center rot | Base rot | Root Rot | Bark sloughing. Carpenter Ant infestation. Woodpecker Activity. | Dead | Non-Significant | Remove for safety |
| Sheet 5 | 347 | RA/Ar | 11.7", & 9.8" | 16' | n/a | n/a | n/a | n/a | 70% | Minor Asymmetry | Sparse | Broken out | Center rot | Base rot | Root Rot | Woodpecker activity. Carpenter Ant infestation. | Dying | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 5 | 348 | BCw/Pt | 27.4" | 36' | 36' | 36' | 36' | 36' | 60% | Generally Symmetrical | Dense | Healthy | Typical | Partially exposed | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 349 | DF/Pm | 41.1" | 28' | 28' | 28' | 28' | 28' | 75% | Generally Symmetrical | Dense | Healthy | Straight | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 350 | WRC/Tp | 9.4" | 12' | 12' | 12' | 12' | 12' | 85% | Major Asymmetry | Dense | Healthy | Straight | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 351 | WRC/Tp | 8.7" | 12' | 12' | 12' | 12' | 12' | 85% | Major Asymmetry | Dense | Healthy | Straight | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 352 | WRC/Tp | 9.2" | 13' | 13' | 13' | 13' | 13' | 90% | Major Asymmetry | Dense | Healthy | Straight | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 353 | RA/Ar | 8.7 | 10' | n/a | n/a | n/a | n/a | 20% | Generally Symmetrical | Sparse | Broken out | Center rot | Base rot | Root Rot | | Dying | Non-Significant | Remove for safety |
| Sheet 5 | 354 | WRC/Tp | 8.4" | 13' | 13' | 13' | 13' | 13' | 95% | Minor Asymmetry | Dense | Regenerating -- Healthy | fork at 22', straight | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 355 | RA/Ar | 6.9" | 12' | n/a | n/a | n/a | n/a | 15% | Major Asymmetry | Thin | Broken out | Center rot | Base rot | Root Rot | | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 356 | WRC/Tp | 38.4" | 32' | 32' | 32' | 32' | 32' | 95% | Generally Symmetrical | Dense | Healthy | Straight | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 357 | WRC/Tp | 8.4" | 10' | 10' | 10' | 10' | 10' | 85% | Minor Asymmetry | Dense | Healthy | Straight | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 358 | WRC/Tp | 9.7" | 12' | 12' | 12' | 12' | 12' | 80% | Major Asymmetry | Dense | Healthy | Straight | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 5 | 359 | WH/Th | 9.8" | 0' | n/a | n/a | n/a | n/a | 0% | n/a | none | Dead | Center rot | Base rot | Root Rot | sap flow on the N & E sides from 3.5' to base--appears to be Armillaria. | Dying | Non-Significant | Remove for safety |
| Sheet 5 | 360 | WRC/Tp | Clump of 4 | 15' | 15' | 15' | 15' | 15' | 90% | Minor Asymmetry | Dense | Healthy | fork at 2' | Partially exposed | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 361 | GF/Ag | 7.4" | 12' | 12' | 12' | 12' | 12' | 75% | Minor Asymmetry | Dense | Healthy | Serpentine | Bowed at base | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 362 | RA/Ar | 13.6" | 16' | n/a | n/a | n/a | n/a | 25% | Major Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 363 | BLM/Am | 44.1" & 8.3" | 48' | 48' | 48' | 48' | 48' | 98% | Generally Symmetrical | Dense | Healthy | fork at base & 5' w/ included bark to base | NAD | Surface | There are a few dead branches in the canopy. | Good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 364 | BLM/Am | 9.9", 9.2", & 8.6" | 26' | 26' | 26' | 26' | 26' | 80% | Minor Asymmetry | Dense | Healthy | fork at base | NAD | NAD | | Excellent | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 365 | WH/Th | 10.0" | 12' | n/a | n/a | n/a | n/a | 90% | Minor Asymmetry | Average | Average | Slightly serpentine | Base rot | Root Rot | | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 366 | BCw/Pt | 16.6" | 30' | 30' | 30' | 30' | 30' | 85% | Generally Symmetrical | Dense | Healthy | Straight | Partially exposed | Surface | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 367 | WRC/Tp | 17.6" | 20' | 20' | 20' | 20' | 20' | 85% | Minor Asymmetry | Dense | Healthy | Straight | NAD | NAD | Sapsucker activity. | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 368 | WRC/Tp | 16.6" | 22' | 22' | 22' | 22' | 22' | 85% | Generally Symmetrical | Dense | Healthy | Straight | NAD | NAD | | Excellent | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 5 | 369 | RA/Ar | 11.6" | 16' | n/a | n/a | n/a | n/a | 65% | Major Asymmetry | Sparse | Weak | fork at 2', Center Rot | Base rot | Root Rot | Woodpecker activity. Carpenter Ant infestation. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 370 | BLM/Am | 9.7", 9.1", & 6.2" | 22' | 22' | 22' | 22' | 22' | 90% | Minor Asymmetry | Dense | Healthy | fork at 3' w/ included bark to base, Center Rot | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 371 | SG/Ls | 7.8" | 12' | 12' | To the Bldg. | To the Curb | 12' | 85% | Minor Asymmetry | Dense | Healthy | Straight | NAD | Restricted | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 372 | SG/Ls | 7.5" | 14' | To the Curb | 14' | To the Curb | 14' | 80% | Minor Asymmetry | Dense | Healthy | Straight | NAD | Restricted | Sapsucker activity. | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 373 | SG/Ls | 6.2" | 12' | To the Curb | 12' | 12' | 12' | 80% | Generally Symmetrical | Dense | Regenerating -- Healthy | Leans N | NAD | Restricted | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 374 | SG/Ls | 6.5" | 14' | To the Curb | 14' | 14' | To the Curb | 75% | Generally Symmetrical | Average | Healthy | fork at 8' | NAD | Restricted | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 375 | SG/Ls | 5.0" | 9' | 9' | To the Bldg. | 9' | To the Curb | 85% | Generally Symmetrical | Dense | Healthy | Straight | NAD | Restricted | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 376 | SG/Ls | 7.4" | 13' | To the Curb | To the Curb | To the Curb | 13' | 85% | Generally Symmetrical | Dense | Healthy | Typical | NAD | Restricted | Mower damage to surface roots. | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 377 | SG/Ls | 8.5" | 14' | To the Curb | To the Curb | 14' | 14' | 85% | Generally Symmetrical | Dense | Healthy | Straight | NAD | Restricted | Mower damage to surface roots. | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 378 | SG/Ls | 9.4" | 13' | To the Curb | To the Curb | 13' | To the Curb | 85% | Generally Symmetrical | Dense | Healthy | Straight | NAD | Restricted | | Very good | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 5 | 379 | BLM/Am | 12.5" | 18' | 18' | 18' | 18' | 18' | 85% | Minor Asymmetry | Dense | Healthy | Fork at 8' w/ included bark to base | NAD | Surface | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 380 | BLM/Am | 9.4" | 16' | 16' | 16' | 16' | 16' | 85% | Minor Asymmetry | Average | Healthy | Straight | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 381 | BLM/Am | 7.5" | 16' | 16' | 16' | 16' | 16' | 60% | Major Asymmetry | Dense | Healthy | fork at 16' | Bowed at base | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 382 | BLM/Am | 10.0" | 18' | 18' | 18' | 18' | 18' | 35% | Minor Asymmetry | Dense | Healthy | Straight | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 383 | WRC/Tp | 15.8" | 22' | 22' | 22' | 22' | 22' | 94% | Minor Asymmetry | Dense | Healthy | Straight | NAD | NAD | Early bark beetle infestation. | Excellent | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 384 | WRC/Tp | 12.0" | 18' | 18' | 18' | 18' | 18' | 98% | Minor Asymmetry | Dense | Healthy | fork at 12' | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 385 | BLM/Am | 13.4" | 24' | 24' | 24' | 24' | 24' | 60% | Major Asymmetry | Dense | Healthy | fork at 7' w/ included bark to base | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 386 | BLM/Am | 13.9" | 28' | 28' | 28' | 28' | 28' | 85% | Minor Asymmetry | Dense | Healthy | Typical | NAD | NAD | | Excellent | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 387 | RA/Ar | 10.5" | 24' | n/a | n/a | n/a | n/a | 80% | Minor Asymmetry | Thin | Weak | Leans SE | Bowed at base | NAD | | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 388 | RA/Ar | 7.3" | 12' | 12' | 12' | 12' | 12' | 30% | Minor Asymmetry | Average | Regenerating -- Average | Leans E | Bowed at base | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 5 | 389 | RA/Ar | 6.9" | 13' | n/a | n/a | n/a | n/a | 25% | Minor Asymmetry | Thin | Regenerating -- Weak | Leans S, Serpentine | NAD | NAD | | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 390 | RA/Ar | 6.8" | 14' | 14' | 14' | 14' | 14' | 25% | Minor Asymmetry | Average | Average | Serpentine | NAD | NAD | | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 391 | RA/Ar | 15.5" & 12.6" | 26' | 26' | 26' | 26' | 26' | 50% | Minor Asymmetry | Average | Average | fork at base | NAD | NAD | SE trunk forked at 8 feet. SE trunk bowed. Codominant branch failure at 26 feet. Any development within the dripline of the tree will require removal or shortening of the SE trunk. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 392 | RA/Ar | 11.3" | 26' | n/a | n/a | n/a | n/a | 65% | Minor Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | Fungal infection in trunk. | Dying | Non-Significant | Remove for safety |
| Sheet 5 | 393 | RA/Ar | 9.6" | 24' | n/a | n/a | n/a | n/a | 55% | Minor Asymmetry | Thin | Dying | Typical | NAD | NAD | | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 394 | RA/Ar | 10.1" | 18' | n/a | n/a | n/a | n/a | 20% | Major Asymmetry | Sparse | Dying | Center rot | base rot | Root Rot | Carpenter Ant infestation. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 395 | RA/Ar | 8.2" | 16' | 16' | 16' | 16' | 16' | 20% | Generally Symmetrical | Average | Average | Serpentine | Bowed at base | NAD | Dead branches in canopy. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 396 | RA/Ar | 8.7" | 16' | 16' | 16' | 16' | 16' | 25% | Minor Asymmetry | Thin | Weak | Fork at 36' w/ included bark down 4' | NAD | NAD | Structural crack in trunk from 16 to 20 feet. Fungal infection in trunk. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 397 | RA/Ar | 8.8" | 18' | 18' | 18' | 18' | 18' | 25% | Minor Asymmetry | Average | Average | slight lean S | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 398 | RA/Ar | 7.2" | 14' | n/a | n/a | n/a | n/a | 20% | Generally Symmetrical | Thin | Weak | Slightly serpentine | NAD | NAD | Fungal infection in trunk. Rot pockets in branch collar wounds. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 399 | RA/Ar | 6.2" | 10' | n/a | n/a | n/a | n/a | 20% | Major Asymmetry | Thin | Regenerating -- Weak | Leans SE | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 5 | 400 | RA/Ar | 7.4" | 18' | 18' | 18' | 18' | 18' | 35% | Generally Symmetrical | Average | Average | Leans SE, slightly serpentine | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 401 | RA/Ar | 8.0" | 16' | n/a | n/a | n/a | n/a | 75% | Major Asymmetry | Thin | Weak | Leans E, Serpentine | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 402 | RA/Ar | 8.4" | 12' | 12' | 12' | 12' | 12' | 20% | Generally Symmetrical | Average | Average | Typical | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 403 | RA/Ar | 6.6" | 14' | 14' | 14' | 14' | 14' | 25% | Generally Symmetrical | Average | Average | Typical | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 404 | RA/Ar | 6.9" | 12' | 12' | 12' | 12' | 12' | 25% | Minor Asymmetry | Average | Average | Leans S | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 405 | RA/Ar | 6.3" | 12' | 12' | 12' | 12' | 12' | 50% | Major Asymmetry | Average | Average | Leans S | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 406 | RA/Ar | 6.6" | 12' | 12' | 12' | 12' | 12' | 25% | Minor Asymmetry | Average | Average | Leans SW | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 407 | RA/Ar | 6.5" | 13' | 13' | 13' | 13' | 13' | 25% | Generally Symmetrical | Average | Average | Leans SW | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 408 | RA/Ar | 7.6" | 16' | 16' | 16' | 16' | 16' | 25% | Generally Symmetrical | Average | Average | Leans SW | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 409 | RA/Ar | 7.3" | 16' | 16' | 16' | 16' | 16' | 25% | Generally Symmetrical | Average | Average | Leans SW | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 410 | RA/Ar | 11.7" | 16' | n/a | n/a | n/a | n/a | 40% | Minor Asymmetry | Average | Regenerating -- Average | Center rot | Probable base rot | Probable Root Rot | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 411 | RA/Ar | 13.2" | 18' | n/a | n/a | n/a | n/a | 20% | Major Asymmetry | Sparse | Broken out | Center rot | Base rot | Root Rot | Carpenter Ant infestation. Woodpecker Activity. Fungal infection in trunk. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 412 | RA/Ar | 12.4" | 24' | 24' | 24' | 24' | 24' | 50% | Minor Asymmetry | Average | Average | Slightly serpentine | NAD | NAD | Rot pockets in branch collar wounds. Not wind firm. | Poor | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 5 | 413 | RA/Ar | 12.8" | 18' | n/a | n/a | n/a | n/a | 35% | Major Asymmetry | Average | Regenerating -- Average | Bowed | Partially exposed | NAD | Fungal infection in trunk. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 414 | RA/Ar | 18.3" | 25' | n/a | n/a | n/a | n/a | 60% | Generally Symmetrical | Thin | Weak | Typical | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 415 | RA/Ar | 8.9" | 15' | n/a | n/a | n/a | n/a | 70% | Major Asymmetry | Thin | Dying | Leans W | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 416 | RA/Ar | 11.1" | 16' | n/a | n/a | n/a | n/a | 55% | Major Asymmetry | Average | Weak | Leans SE | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 417 | RA/Ar | 13.3" | 22' | n/a | n/a | n/a | n/a | 40% | Minor Asymmetry | Thin | Weak | Bowed | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 418 | RA/Ar | 10.0" | 14' | n/a | n/a | n/a | n/a | 35% | Major Asymmetry | Thin | Weak | Leans NW | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 419 | RA/Ar | 15.8" | 0' | n/a | n/a | n/a | n/a | 0% | n/a | none | Dead | Center rot | Base rot | Root Rot | Carpenter Ant infestation. Woodpecker Activity. Fungal infection in trunk. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 420 | RA/Ar | 9.6" | 0' | n/a | n/a | n/a | n/a | 0% | n/a | none | Dead | Center rot | Base rot | Root Rot | Carpenter Ant infestation. Woodpecker Activity. Fungal infection in trunk. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 421 | RA/Ar | 13.9" | 26' | n/a | n/a | n/a | n/a | 55% | Minor Asymmetry | Thin | Dead | Bowed | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 422 | RA/Ar | 13.2" | 28' | n/a | n/a | n/a | n/a | 70% | Generally Symmetrical | Thin | Dying | Typical | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 423 | BLM/Am | 17.7" | 36' | n/a | n/a | n/a | n/a | 80% | Generally Symmetrical | Dense | Healthy | Typical | NAD | NAD | Hanger w/ decay pocket on west side of trunk from 18--21 feet. Structurally unsound. | Poor | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 5 | 424 | WH/Th | Est. 14" | 24' | 24' | 24' | 24' | 24' | 104 % | Generally Symmetrical | Dense | Healthy | Serpentine | Growing out of nurse stump | NAD | Growing out of D Fir trunk. | Good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 425 | RA/Ar | 15.2" | 25' | n/a | n/a | n/a | n/a | 45% | Generally Symmetrical | Thin | Dead | Center rot | Base rot | Root Rot | Carpenter Ant infestation. Woodpecker Activity. Fungal infection in trunk. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 426 | RA/Ar | 18.6" | 28' | 28' | 28' | 28' | 28' | 90% | Minor Asymmetry | Average | Average | Leans S | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 427 | RA/Ar | 19.2" | 28' | n/a | n/a | n/a | n/a | 65% | Generally Symmetrical | Thin | Dying | Leans S, Center Rot | Base rot | Root Rot | Carpenter Ant infestation. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 428 | RA/Ar | 19.2" | 26' | n/a | n/a | n/a | n/a | 85% | Major Asymmetry | Average | Average | Leans S, Center Rot | Base rot | Root Rot | Calloused wound N side base up 6 feet. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 429 | RA/Ar | 23.8" | 28' | 28' | 28' | 28' | 28' | 75% | Minor Asymmetry | Average | Average | fork at 26', Typical | NAD | fill on 20% of roots | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 430 | RA/Ar | 12.5" | 16' | n/a | n/a | n/a | n/a | 65% | Minor Asymmetry | Average | Dead | Kink at 8--12', Leans SW | NAD | NAD | | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 431 | DF/Pm | 32.4" | 36' | 36' | 36' | 36' | 36' | 85% | Generally Symmetrical | Dense | Healthy | Straight | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 432 | RA/Ar | 15.1" | 16' | 16' | 16' | 16' | 16' | 85% | Minor Asymmetry | Average | Average | Leans S | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 433 | RA/Ar | 19.3" | 20' | n/a | n/a | n/a | n/a | 50% | Major Asymmetry | Average | Regenerating -- Average | Leans W, Center Rot | Base rot | Root Rot | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 434 | RA/Ar | 17.1" | 28' | 28' | 28' | 28' | 28' | 46% | Minor Asymmetry | Average | Average | Leans S | Partially exposed | NAD | Previously topped at 46 feet. Open wound S side, base up 12 feet w/ advanced decay. Not wind firm. | Poor | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 5 | 435 | RA/Ar | 10.0" | 16' | 16' | 16' | 16' | 16' | 35% | Major Asymmetry | Average | Average | Bowed | Base rot | Root Rot | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 436 | RA/Ar | 12.3" | 13' | n/a | n/a | n/a | n/a | 35% | Minor Asymmetry | Thin | Weak | Leans SW | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 437 | RA/Ar | 16.3" | 23' | n/a | n/a | n/a | n/a | 65% | Generally Symmetrical | Average | Weak | fork at 7', Center Rot | Base rot | Root Rot | Carpenter Ant infestation. Woodpecker Activity. Fungal infection in trunk. Not wind firm. N trunk broken off at 16 feet. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 438 | RA/Ar | 9.4" | 14' | 14' | 14' | 14' | 14' | 55% | Generally Symmetrical | Average | Average | Leans SE, Serpentine | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 439 | RA/Ar | 14.1" | 18' | n/a | n/a | n/a | n/a | 40% | Minor Asymmetry | Thin | Weak | Center rot | Base rot | Root Rot | Calloused wound south side 4--6 feet w/ sap flow. Another calloused wound from 9--15 feet. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 440 | BLM/Am | 11.8" | 20' | 20' | 20' | 20' | 20' | 90% | Minor Asymmetry | Dense | Healthy | Typical | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 441 | PbB/Bp | 9.9" | 26' | 26' | 26' | 26' | 26' | 50% | Major Asymmetry | Dense | Average | Leans NW | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 442 | RA/Ar | 9.3" | 20' | n/a | n/a | n/a | n/a | 40% | Minor Asymmetry | Sparse | Dying | Leans NW | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 443 | RA/Ar | 15.7" | 22' | n/a | n/a | n/a | n/a | 65% | Minor Asymmetry | Thin | Weak | Center rot | base rot | Root Rot | Carpenter Ant infestation. Woodpecker Activity. Fungal infection in trunk. Not wind firm. Calloused wound SW side 12--16 and 20 to0 25 feet. | Dying | Non-Significant | Remove for safety |
| Sheet 5 | 444 | RA/Ar | 13.3" | 18' | n/a | n/a | n/a | n/a | 35% | Minor Asymmetry | Thin | Dying | Leans E | Exposed | Probable Root Rot | Fungal infection in trunk. Not wind firm. | Dying | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 5 | 445 | RA/Ar | 16.8" | 16' | n/a | n/a | n/a | n/a | 30% | Minor Asymmetry | Thin | Broken out | Leans NW | Exposed | Probable Root Rot | Decay column below old topping wound. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 5 | 446 | BLM/Am | 21.0" | 34' | 34' | 34' | 34' | 34' | 85% | Major Asymmetry | Dense | Healthy | Leans N, Kink at 16--20' | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 447 | RA/Ar | 18.9" | 26' | n/a | n/a | n/a | n/a | 25% | Generally Symmetrical | Thin | Weak | Leans N | Partially exposed | NAD | Codominant stem failure wound 20--26 feet w/ decay. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 448 | RA/Ar | 11.7" | 18' | n/a | n/a | n/a | n/a | 50% | Major Asymmetry | Thin | Weak | Bowed | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 449 | RA/Ar | 12.4" | 16' | n/a | n/a | n/a | n/a | 50% | Generally Symmetrical | Thin | Dying | Center rot | Base rot | Root Rot | Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 5 | 450 | RA/Ar | 10.3" | 16' | n/a | n/a | n/a | n/a | 12% | Major Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | Open wound SW side 5.5 -- 9 feet w/ advanced decay. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 5 | 451 | RA/Ar | 12.1" | 18' | 18' | 18' | 18' | 18' | 40% | Major Asymmetry | Average | Regenerating -- Average | Leans S | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 452 | RA/Ar | 12.0" | 16' | n/a | n/a | n/a | n/a | 35% | Major Asymmetry | Thin | Weak | Bowed | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 453 | RA/Ar | 14.8" | 26' | n/a | n/a | n/a | n/a | 40% | Minor Asymmetry | Average | Weak | Leans NW, Center Rot | Base rot | Root Rot | Carpenter Ant infestation. Woodpecker Activity. Fungal infection in trunk. Not wind firm. S trunk broken off at 3.5' feet w/ decay extending into base. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 454 | DF/Pm | 26.9" | 24' | n/a | n/a | n/a | n/a | 40% | Generally Symmetrical | Average | Weak | Leans S, Kink at 30' at topping wound | Previous failure | Previous failure | Decay column below old topping wound. Not wind firm. | Poor | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 5 | 455 | RA/Ar | 12.9" | 18' | 18' | 18' | 18' | 18' | 25% | Minor Asymmetry | Average | Average | fork at 4.5', slightly serpentine | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 456 | RA/Ar | 11.6" | 22' | n/a | n/a | n/a | n/a | 30% | Major Asymmetry | Average | Regenerating -- Average | Leans SE | NAD | NAD | Vertical crack in trunk that is structural; from 12 to 60 feet. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 457 | RA/Ar | 14.7" | 22' | n/a | n/a | n/a | n/a | 35% | Minor Asymmetry | Average | Regenerating -- Average | Leans S | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 458 | RA/Ar | 7.5" | 16' | 16' | 16' | 16' | 16' | 35% | Generally Symmetrical | Average | Average | Typical | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 459 | RA/Ar | 8.5" | 18' | n/a | n/a | n/a | n/a | 35% | Generally Symmetrical | Average | Average | Slightly serpentine | Previous failure | Previous failure | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 460 | RA/Ar | 6.6" | 14' | 14' | 14' | 14' | 14' | 20% | Generally Symmetrical | Average | Average | Slightly serpentine | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 461 | RA/Ar | 7.9" | 14' | 14' | 14' | 14' | 14' | 25% | Generally Symmetrical | Average | Average | Serpentine | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 462 | RA/Ar | 7.6" | 12' | n/a | n/a | n/a | n/a | 20% | Minor Asymmetry | Thin | Weak | Bowed | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 463 | RA/Ar | 6.6" | 12' | 12' | 12' | 12' | 12' | 20% | Minor Asymmetry | Average | Average | Slightly serpentine | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 464 | RA/Ar | 6.3" | 10' | 10' | 10' | 10' | 10' | 25% | Generally Symmetrical | Dense | Average | Leans W | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 465 | RA/Ar | 8.0" | 14' | 14' | 14' | 14' | 14' | 35% | Minor Asymmetry | Average | Average | Slightly serpentine | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 466 | RA/Ar | 7.4" | 14' | 14' | 14' | 14' | 14' | 30% | Minor Asymmetry | Average | Average | Leans W | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 467 | RA/Ar | 17.0" | 20' | n/a | n/a | n/a | n/a | 60% | Minor Asymmetry | Thin | Weak | Bowed | Partially exposed | NAD | Rot pockets in branch collar wounds. Dead branches in | Poor | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| | | | | | | | | | | | | | | | | canopy. Not wind firm. | | | |
| Sheet 5 | 468 | RA/Ar | 19.6" | 26' | n/a | n/a | n/a | n/a | 55% | Minor Asymmetry | Thin | Dying | Leans NW, Center Rot | Base rot | Root Rot | Rot pockets in branch collar wounds. Carpenter ant infestation. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 5 | 469 | VM/Ac | 6.1" | 22' | 22' | 22' | 22' | 22' | 92% | Generally Symmetrical | Dense | Broken out | Serpentine | Bowed at base | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 5 | 470 | RA/Ar | 18.1" | 20' | n/a | n/a | n/a | n/a | 55% | Generally Symmetrical | Thin | Weak | Center rot | Partially exposed | Root Rot | Carpenter Ant infestation. Woodpecker Activity. Fungal infection in trunk. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 471 | RA/Ar | 8.1" | 15' | 15' | 15' | 15' | 15' | 20% | Generally Symmetrical | Average | Average | Typical | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 472 | RA/Ar | 7.3" | 14' | 14' | 14' | 14' | 14' | 20% | Generally Symmetrical | Average | Average | Typical | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 473 | RA/Ar | 8.5" | 16' | 16' | 16' | 16' | 16' | 35% | Generally Symmetrical | Average | Average | Typical | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 474 | RA/Ar | 7.8" | 16' | n/a | n/a | n/a | n/a | 30% | Generally Symmetrical | Average | Average | Center rot | Base rot | Root Rot | Carpenter Ant infestation. Open wounds on SW side at 4--5.5', N side from 3--4', and SW side from 2--4.5'.Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 5 | 475 | RA/Ar | 7.0" | 16' | n/a | n/a | n/a | n/a | 30% | Minor Asymmetry | Average | Average | Center rot | Base rot | Root Rot | Carpenter Ant infestation. Open sound S side 3 -- 4 feet. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 5 | 476 | RA/Ar | 6.7" | 16' | n/a | n/a | n/a | n/a | 35% | Generally Symmetrical | Average | Average | Leans N, Center Rot | Base rot | Root Rot | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 477 | RA/Ar | 7.8" | 15' | 15' | 15' | 15' | 15' | 30% | Generally Symmetrical | Average | Average | Leans SE | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 5 | 478 | RA/Ar | 6.8" | 14' | 14' | 14' | 14' | 14' | 25% | Generally Symmetrical | Average | Average | Slightly serpentine | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 479 | RA/Ar | 9.0" | 16' | n/a | n/a | n/a | n/a | 30% | Minor Asymmetry | Thin | Weak | Leans SE | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 480 | RA/Ar | 7.7" | 12' | 12' | 12' | 12' | 12' | 25% | Generally Symmetrical | Average | Average | Typical | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 5 | 481 | RA/Ar | 7.0" | 16' | 16' | 16' | 16' | 16' | 25% | Minor Asymmetry | Average | Weak | Typical | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 482 | RA/Ar | 8.7" | 12' | n/a | n/a | n/a | n/a | 20% | Minor Asymmetry | Thin | Weak | Typical | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 483 | BLM/Am | 9.5" | 16' | 16' | 16' | 16' | 16' | 70% | Minor Asymmetry | Average | Regenerating -- Average | Serpentine | Exposed | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 484 | BLM/Am | 21.2" & 21.7" | 36' | 36' | 36' | 36' | 36' | 55% | Generally Symmetrical | Dense | Healthy | fork at 4.5' w/ included bark to base | Partially exposed | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 485 | RA/Ar | 16.4" | 26' | n/a | n/a | n/a | n/a | 40% | Major Asymmetry | Average | Weak | Leans W | NAD | NAD | Dead branches in canopy. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 486 | RA/Ar | 11.3" | 20' | n/a | n/a | n/a | n/a | 30% | Major Asymmetry | Average | Weak | Kink at 35', Leans W | NAD | NAD | Dead branches in canopy. Rot pockets in branch collar wounds. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 487 | RA/Ar | 16.0" | 25' | n/a | n/a | n/a | n/a | 40% | Major Asymmetry | Thin | Weak | Leans W | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 488 | RA/Ar | 19.7" | 30' | n/a | n/a | n/a | n/a | 55% | Minor Asymmetry | Thin | Weak | Leans NW | Base rot | NAD | Dead branches in canopy. Rot pockets in branch collar wounds. Fungal infection in trunk. Not wind firm. | Poor | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 2 | 489 | DF/Pm | 36.8" | 38' | 38' | 38' | 38' | 38' | 65% | Generally Symmetrical | Dense | Healthy | Straight | NAD | NAD | Storm loss in upper canopy. Epicormic growth as a result. | Good | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 490 | RA/Ar | 9.5", 12.2", & 9.4" | 26' | n/a | n/a | n/a | n/a | 35% | Minor Asymmetry | Average | Average | Fork at 2.5' w/ included bark to base | Internal structural weakness | Root Rot | Base Rot. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 491 | RA/Ar | 11.4" | 18' | n/a | n/a | n/a | n/a | 35% | Minor Asymmetry | Average | Average | Leans E | Exposed | Surface | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 492 | RA/Ar | 15.3" | 25' | 25' | 25' | 25' | 25' | 35% | Generally Symmetrical | Average | Average | Bowed | Exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 493 | RA/Ar | 15.8" | 24' | n/a | n/a | n/a | n/a | 20% | Generally Symmetrical | Thin | Weak | Leans NE | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 494 | RA/Ar | 19.2" | 26' | n/a | n/a | n/a | n/a | 25% | Generally Symmetrical | Average | Average | Leans NW | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 495 | DF/Pm | 10.1" | 14' | 14' | 14' | 14' | 14' | 80% | Major Asymmetry | Thin | Healthy | Straight | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 496 | WRC/Tp | 38.7" | 30' | 30' | 30' | 30' | 30' | 90% | Generally Symmetrical | Dense | Healthy | Straight | NAD | NAD | Early bark beetle infestation. | Excellent | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 497 | RA/Ar | 13.3" & 18.5" | 21' | n/a | n/a | n/a | n/a | 65% | Minor Asymmetry | Average | Average | fork at 3' w/ included bark to base, Center Rot | Internal structural weakness | NAD | Decay column in trunk. Good health--Poor structure and, Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 498 | RA/Ar | 10.6" | 18' | n/a | n/a | n/a | n/a | 20% | Major Asymmetry | Average | Average | Leans SE | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 2 | 499 | RA/Ar | 13.8" | 20' | 20' | 20' | 20' | 20' | 35' | Minor Asymmetry | Average | Average | Leans SE | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 500 | RA/Ar | 8.3" | 9' | n/a | n/a | n/a | n/a | 20% | Major Asymmetry | Thin | Weak | Leans SE, Center Rot | Base rot | Root Rot | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 501 | RA/Ar | 10.6" | 22' | 22' | 22' | 22' | 22' | 55% | Minor Asymmetry | Average | Average | Bowed | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 502 | RA/Ar | 14.3" | 13' | 13' | 13' | 13' | 13' | 60% | Generally Symmetrical | Average | Average | Typical | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 503 | WRC/Tp | 37.7" | 28' | 28' | 28' | 28' | 28' | 98% | Minor Asymmetry | Average | Average | fork at 3' w/ included bark to base, Center Rot | Internal structural weakness | NAD | | Excellent | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 504 | RA/Ar | 11.2" | 20' | 20' | 20' | 20' | 20' | 30% | Major Asymmetry | Average | Regenerating -- Average | Leans SE | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 505 | WRC/Tp | 42.2" | 32' | 32' | 32' | 32' | 32' | 98% | Minor Asymmetry | Average | Average | Leans SE | NAD | NAD | | Excellent | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 506 | DF/Pm | 31.8" | 36' | 36' | 36' | 36' | 36' | 60% | Major Asymmetry | Thin | Average | Leans S | Base rot | Root Rot | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 507 | RA/Ar | 12.4" | 20' | 20' | 20' | 20' | 20' | 35% | Minor Asymmetry | Average | Weak | Leans SE, Center Rot | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 508 | RA/Ar | 11.5" & 11.0" | 18' | n/a | n/a | n/a | n/a | 15% | Generally Symmetrical | Average | Average | Bowed | Partially exposed | NAD | North trunk is dead with decay extending into the base. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 509 | RA/Ar | 17.0" | 26' | n/a | n/a | n/a | n/a | 40% | Major Asymmetry | Average | Broken out | Leans W | Partially exposed | NAD | Fungal infection in trunk. | Poor | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 2 | 510 | RA/Ar | 11.1" | 20' | 20' | 20' | 20' | 20' | 40% | Generally Symmetrical | Average | Average | Leans E | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 511 | RA/Ar | 9.3" | 18' | 18' | 18' | 18' | 18' | 20% | Major Asymmetry | Average | Average | Serpentine | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 512 | RA/Ar | 13.6" | 24' | n/a | n/a | n/a | n/a | 40% | Minor Asymmetry | Average | Weak | Center rot | Base rot | Root Rot | Carpenter Ant infestation. Codominant stem failure wound on trunk w/decay. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 513 | RA/Ar | 15.0" | 0' | n/a | n/a | n/a | n/a | 0% | n/a | none | Dead | Center rot | Base rot | Root Rot | | Dead | Non-Significant | Remove for safety |
| Sheet 2 | 514 | RA/Ar | 12.7" | 18' | n/a | n/a | n/a | n/a | 30% | Minor Asymmetry | Thin | Dying | Leans NW | Bowed at base | NAD | | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 515 | RA/Ar | 18.0" | 24' | n/a | n/a | n/a | n/a | 70% | Minor Asymmetry | Thin | Weak | fork at 25' | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 516 | RA/Ar | 12.6" | 20' | n/a | n/a | n/a | n/a | 35% | Major Asymmetry | Average | Weak | fork at 18', Leans SE | Exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 517 | RA/Ar | 17.2" | 18' | n/a | n/a | n/a | n/a | 35% | Minor Asymmetry | Sparse | Dying | fork at 5.5' w/ included bark to base | Internal structural weakness | Root Rot | Advanced decay. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 2 | 518 | RA/Ar | 12.4" | 18' | n/a | n/a | n/a | n/a | 45% | Minor Asymmetry | Thin | Weak | Kink at 20', Center Rot | Base rot | Root Rot | Trunk is serpentine. Fungal infection in trunk. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 2 | 519 | RA/Ar | 13.5" | 20' | n/a | n/a | n/a | n/a | 40% | Generally Symmetrical | Average | Weak | Bowed | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 520 | RA/Ar | 8.5" | 12' | n/a | n/a | n/a | n/a | 10% | Minor Asymmetry | Sparse | Broken out | Center rot | Base rot | Root Rot | Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 2 | 521 | RA/Ar | 18.3" | 26' | n/a | n/a | n/a | n/a | 35% | Minor Asymmetry | Thin | Dying | Center rot | Base rot | Root Rot | Carpenter Ant infestation. Calloused wound | Dying | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| | | | | | | | | | | | | | | | | south side from 5--9 feet. Not wind firm. | | | |
| Sheet 2 | 522 | RA/Ar | 15..2 | 28' | 28' | 28' | 28' | 28' | 45% | Minor Asymmetry | Average | Weak | fork at 20' | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 523 | WRC/Tp | 29.2" | 22' | 22' | 22' | 22' | 22' | 98% | Minor Asymmetry | Dense | Healthy | Straight | Unusual butt swell | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 524 | DF/Pm | 35.1" | 28' | n/a | n/a | n/a | n/a | 55% | Generally Symmetrical | Dense | Healthy | Straight | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 525 | RA/Ar | 11.9" | 18' | n/a | n/a | n/a | n/a | 45% | Generally Symmetrical | Average | Weak | Kink at 20-23', Serpentine | Exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 526 | DF/Pm | 37.2" | 30' | 30' | 30' | 30' | 30' | 60% | Generally Symmetrical | Dense | Healthy | Straight | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 527 | BLM/Am | 18.6" & 23.9" | 40' | 40' | 40' | 40' | 40' | 40% | Generally Symmetrical | Dense | Healthy | fork at 3' w/ included bark to base | NAD | NAD | Dead branches in canopy. | Good | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 528 | BLM/Am | 9.8" | To N prop. Line | 15' | 15' | 15' | 15' | 70% | Minor Asymmetry | Dense | Healthy | Typical | NAD | NAD | | Excellent | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 529 | BLM/Am | 12.3" & 7.6" | To N prop. Line | 25' | 25' | 25' | 25' | 80% | Minor Asymmetry | Dense | Healthy | fork at 3' w/ included bark to base | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 530 | WRC/Tp | Est. 36.0" | 26' | 26' | 26' | 26' | 26' | 97% | Generally Symmetrical | Dense | Healthy | Straight | NAD | NAD | Tag tied to foliage on S side. | Excellent | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 2 | 531 | RA/Ar | 9.8" | 16' | n/a | n/a | n/a | n/a | 65% | Minor Asymmetry | Thin | Dying | Leans S | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 532 | DF/Pm | 39.0" | 36' | 36' | 36' | 36' | 36' | 55% | Generally Symmetrical | Dense | Healthy | Serpentine | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 533 | WRC/Tp | 17.2" | 18' | 18' | 18' | 18' | 18' | 85% | Minor Asymmetry | Average | Average | Serpentine | Previous failure | Previous failure | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 534 | WRC/Tp | 41.1" | 28' | 28' | 28' | 28' | 28' | 98% | Minor Asymmetry | Average | Average | Leans NW | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 535 | WH/Th | 30.3" | 247' | 247' | 247' | 247' | 247' | 80% | Generally Symmetrical | Average | Regenerating -- Healthy | Straight | NAD | NAD | Fork at app 75' into two leaders. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 536 | WH/Th | 22.5" | 21' | 21' | 21' | 21' | 21' | 94% | Major Asymmetry | Average | Healthy | Straight | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 537 | WH/Th | 21.7" & 21.4" | 28' | 28' | 28' | 28' | 28' | 65% | Minor Asymmetry | Average | Healthy | fork at 3.5' w/ included bark down 2' | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 538 | WRC/Tp | 20.1" | 21' | 21' | 21' | 21' | 21' | 98% | Minor Asymmetry | Dense | Healthy | Straight | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 539 | RA/Ar | 7.2" | 12' | n/a | n/a | n/a | n/a | 15% | Major Asymmetry | Thin | Weak | Bowed | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 540 | BLM/Am | 23.8" | 26' | 26' | 26' | 26' | 26' | 40% | Generally Symmetrical | Dense | Healthy | fork at 2' | NAD | NAD | Dead branches in canopy. | Good | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 2 | 541 | BLM/Am | 29.3" | 42' | 42' | 42' | 42' | 42' | 85% | Generally Symmetrical | Dense | Healthy | Typical | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 542 | BLM/Am | 8.2", 3.0", & 1.8" | 15' | 15' | 15' | 15' | 15' | 75% | Generally Symmetrical | Dense | Healthy | Typical | NAD | NAD | | Excellent | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 543 | BLM/Am | 8.5" | 20' | 20' | 20' | 20' | 20' | 65% | Minor Asymmetry | Average | Healthy | fork at 9', Typical | Previous failure | Previous failure | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 544 | RA/Ar | 6.6" | 0' | n/a | n/a | n/a | n/a | 0% | n/a | none | Dead | Center rot | Base rot | Root Rot | Not wind firm. | Dead | Non-Significant | Remove for safety |
| Sheet 2 | 545 | RA/Ar | 15.2" | 18' | n/a | n/a | n/a | n/a | 12% | Major Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | Carpenter Ant infestation. Woodpecker Activity. Fungal infection in trunk. Not wind firm. Fungal fruiting bodies on trunk. Bark sloughing. | Dying | Non-Significant | Remove for safety |
| Sheet 2 | 546 | RA/Ar | 18.3" | 30' | n/a | n/a | n/a | n/a | 85% | Minor Asymmetry | Thin | Broken out | Center rot | Base rot | Root Rot | Fungal infection in trunk. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 2 | 547 | BLM/Am | 18.0" & 4.9" | 30' | 30' | 30' | 30' | 30' | 60% | Minor Asymmetry | Dense | Healthy | Typical | Partially exposed | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 548 | BLM/Am | 29.0" | 44' | n/a | n/a | n/a | n/a | 40% | Generally Symmetrical | Thin | Weak | Center rot | Base rot | Root Rot | Short shoot elongation. Foliage is stunted. Fungal fruiting bodies at base. | Dying | Non-Significant | Remove for safety |
| Sheet 2 | 549 | BLM/Am | 37.2" | 42' | 42' | 42' | 42' | 42' | 40% | Generally Symmetrical | Average | Average | fork at 5.5' | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 550 | RA/Ar | 13.8" & 8.3" | 24' | n/a | n/a | n/a | n/a | 60% | Major Asymmetry | Sparse | Dying | Center rot | Base rot | Root Rot | Carpenter Ant infestation. Fungal infection in trunk. Not wind firm. | Dying | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 2 | 551 | RA/Ar | 12.0" | 12' | n/a | n/a | n/a | n/a | 35% | Minor Asymmetry | Thin | Weak | Serpentine | Base rot | Root Rot | Fungal infection in trunk. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 552 | RA/Ar | 14.9" | 20' | n/a | n/a | n/a | n/a | 60% | Major Asymmetry | Sparse | Dead | Leans SE | Partially exposed | NAD | Carpenter Ant infestation. Woodpecker activity. Fungal infection in trunk. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 2 | 553 | RA/Ar | 12.8" | 9' | n/a | n/a | n/a | n/a | 30% | Major Asymmetry | Sparse | Broken out | Center rot | Base rot | Root Rot | Carpenter Ant infestation. Woodpecker activity. Fungal infection in trunk. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 2 | 554 | RA/Ar | 15.2" | 6' | n/a | n/a | n/a | n/a | 5% | Major Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 2 | 555 | RA/Ar | 7.9" | 13' | n/a | n/a | n/a | n/a | 80% | Minor Asymmetry | Sparse | Over topped | Serpentine | Previous failure | Previous failure | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 556 | DF/Pm | 40.5" | 28' | 28' | 28' | 28' | 28' | 85% | Generally Symmetrical | Dense | Healthy | Straight | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 557 | BCh/Pe | 14.0" | 0' | n/a | n/a | n/a | n/a | 0% | n/a | none | Dead | Center rot | Base rot | Root Rot | Carpenter Ant infestation. Woodpecker Activity. Fungal infection in trunk. Not wind firm. Fungal fruiting bodies on trunk. Bark sloughing. | Dead | Non-Significant | Remove for safety |
| Sheet 2 | 558 | WRC/Tp | 34.8" | 26' | 26' | 26' | 26' | 26' | 92% | Minor Asymmetry | Average | Healthy | Straight | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 559 | BLM/Am | 28.1" | 36' | n/a | n/a | n/a | n/a | 45% | Major Asymmetry | Dense | Healthy | kink at 40' | NAD | NAD | Codominant stem failure on the west side with decay. Good health but the structure is unstable. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 560 | RA/Ar | 17.0" | 16' | n/a | n/a | n/a | n/a | 65% | Generally Symmetrical | Thin | Weak | Center rot | Base rot | Root Rot | Carpenter Ant infestation. Not wind firm. | Dying | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 2 | 561 | RA/Ar | 13.0" | 0' | n/a | n/a | n/a | n/a | 0% | n/a | none | Dead | Center rot | Base rot | Root Rot | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 562 | RA/Ar | 13.5" | 14' | n/a | n/a | n/a | n/a | 70% | Major Asymmetry | Sparse | Dead | Bowed | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 563 | BLM/Am | 13.2" | 24' | 24' | 24' | 24' | 24' | 75% | Generally Symmetrical | Dense | Healthy | Straight | NAD | NAD | | Excellent | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 564 | BLM/Am | 21.3" | 28' | 28' | 28' | 28' | 28' | 55% | Minor Asymmetry | Dense | Healthy | Leans NW, Kink at 30--34' | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 565 | RA/Ar | 12.4" | 0' | n/a | n/a | n/a | n/a | 0% | n/a | none | Dead | Center rot | Base rot | Root Rot | Not wind firm. | Dead | Non-Significant | Potential to retain with tree protection measures |
| Sheet 2 | 566 | RA/Ar | 13.3" | 18' | n/a | n/a | n/a | n/a | 60% | Major Asymmetry | Sparse | Dying | Leans N | Partially exposed | NAD | Sap flow on SW side from 28' to 36'. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 2 | 567 | RA/Ar | 12.1" | 9' | n/a | n/a | n/a | n/a | 5% | Major Asymmetry | Sparse | Dead | Leans N | Probable base rot | Probable Root Rot | Not wind firm. | Dead | Non-Significant | Remove for safety |
| Sheet 2 | 568 | RA/Ar | 14.5" | 0' | n/a | n/a | n/a | n/a | 0% | n/a | none | Dead | Center rot | Base rot | Root Rot | Carpenter Ant infestation. Woodpecker activity. Fungal infection in trunk. Not wind firm. | Dead | Non-Significant | Remove for safety |
| Sheet 2 | 569 | RA/Ar | 13.9" | 14' | n/a | n/a | n/a | n/a | 40% | Minor Asymmetry | Thin | Dying | Typical | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 570 | RA/Ar | 13.4" | 18' | n/a | n/a | n/a | n/a | 60% | Minor Asymmetry | Thin | Dying | Leans W | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 571 | RA/Ar | 13.2" | 14' | n/a | n/a | n/a | n/a | 35% | Minor Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 2 | 572 | RA/Ar | 16.1" | 16' | n/a | n/a | n/a | n/a | 35% | Minor Asymmetry | Thin | Dying | Center rot | Probable base rot | Root Rot | Not wind firm. Fungal infection in trunk. | Poor | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 2 | 573 | RA/Ar | 15.1" | 16' | n/a | n/a | n/a | n/a | 30% | Minor Asymmetry | Thin | Dying | Leans NW | Exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 574 | RA/Ar | 17.0" | 16' | n/a | n/a | n/a | n/a | 40% | Minor Asymmetry | Sparse | Dead | Center rot | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 575 | RA/Ar | 11.9" | 14' | n/a | n/a | n/a | n/a | 15% | Generally Symmetrical | Thin | Dead | Center rot | Base rot | Root Rot | Carpenter Ant infestation. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 2 | 576 | RA/Ar | 13.1" | 10' | n/a | n/a | n/a | n/a | 15% | Major Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | Carpenter Ant infestation. Woodpecker activity. Bark sloughing. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 2 | 577 | RA/Ar | 13.7" | 18' | n/a | n/a | n/a | n/a | 45% | Major Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 2 | 578 | RA/Ar | 15.3" | 14' | n/a | n/a | n/a | n/a | 35% | Major Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 2 | 579 | BLM/Am | 7.7" | 20' | 20' | 20' | 20' | 20' | 85% | Minor Asymmetry | Dense | Healthy | forked | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 580 | RA/Ar | 8.3" | 15' | n/a | n/a | n/a | n/a | 50% | Major Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | Trunk is serpentine. Carpenter Ant infestation. Calloused crack base up 6 feet. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 2 | 581 | RA/Ar | 13.6" | 20' | n/a | n/a | n/a | n/a | 45% | Major Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | Carpenter Ant infestation. Woodpecker activity. Fungal infection in trunk. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 2 | 582 | BLM/Am | 17.8" | 22' | n/a | n/a | n/a | n/a | 75% | Minor Asymmetry | Average | Average | Center rot | Base rot | Root Rot | Hypoxylon at base on W side. Calloused crack on S side from 7 to 12 feet. | Dying | Non-Significant | Remove for safety |
| Sheet 2 | 583 | BLM/Am | 18.4" & 16.9" | 38' | 38' | 38' | 38' | 38' | 75% | Minor Asymmetry | Dense | Healthy | fork at 3' | NAD | NAD | Some dead branches in canopy. | Fair | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 2 | 584 | ScW/Ss | 10.9" | 22' | n/a | n/a | n/a | n/a | 65% | Major Asymmetry | Thin | Weak | Center rot | Base rot | Root Rot | Calloused crack on N and S sides from 2 to 12 feet--structural crack through the trunk. | Poor | Non-Significant | Remove for safety |
| Sheet 2 | 585 | BLM/Am | 9.0" | 14' | to N prop. Line | 14' | 14' | 14' | 45% | Major Asymmetry | Average | Average | fork at 16' | NAD | Restricted | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 586 | BLM/Am | 14.6" & 14.9" | 38' | to N prop. Line | 38' | 38' | 38' | 65% | Minor Asymmetry | Dense | Healthy | fork at base | NAD | NAD | Growing out of nurse stump. | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 587 | BLM/Am | 8.2" | 17' | 17' | 17' | 17' | 17' | 70% | Generally Symmetrical | Average | Regenerating -- Average | Straight | Bowed at base | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 588 | BLM/Am | 22.9" | 36' | 36' | 36' | 36' | 36' | 70% | Generally Symmetrical | Average | Healthy | Typical | NAD | NAD | Carpenter Ant infestation. Woodpecker activity. Fungal infection in trunk. Not wind firm. | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 589 | RA/Ar | 15.0" | 0' | n/a | n/a | n/a | n/a | 0% | n/a | none | Dead | Center rot | Base rot | Root Rot | Not wind firm. | Dead | Non-Significant | Remove for safety |
| Sheet 2 | 590 | RA/Ar | 18.3" | 20' | n/a | n/a | n/a | n/a | 90% | Minor Asymmetry | Sparse | Dying | Fork at 6' w/ included bark to base | Base rot | Root Rot | Trunk has advanced decay in the trunk. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 2 | 591 | RA/Ar | 16.9" | 20' | n/a | n/a | n/a | n/a | 40% | Major Asymmetry | Sparse | Dying | Center rot | Base rot | Root Rot | Carpenter Ant infestation. Woodpecker activity. Fungal infection in trunk. Dead branches in canopy. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 2 | 592 | RA/Ar | 18.2" | 20' | n/a | n/a | n/a | n/a | 40% | Minor Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | Carpenter Ant infestation. Woodpecker activity. Fungal infection in trunk. Not wind firm. | Dying | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 2 | 593 | RA/Ar | 9.0" | 12' | n/a | n/a | n/a | n/a | 60% | Minor Asymmetry | Sparse | Dead | Leans N | Base rot | Root Rot | Fungal infection in trunk. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 2 | 594 | RA/Ar | 14.4" | 0' | n/a | n/a | n/a | n/a | 0% | n/a | none | Dead | Center rot | Base rot | Root Rot | Not wind firm. | Dead | Non-Significant | Remove for safety |
| Sheet 2 | 595 | BCw/Pt | 24.0" | 32' | 32' | 32' | 32' | 32' | 55% | Minor Asymmetry | Average | Average | Straight | Partially exposed | NAD | Storm loss in upper canopy. Epicormic growth as a result. Dead branches in canopy. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 596 | RA/Ar | 11.5" | 18' | n/a | n/a | n/a | n/a | 65% | Generally Symmetrical | Sparse | Dead | Center rot | Base rot | Root Rot | | Dying | Non-Significant | Remove for safety |
| Sheet 2 | 597 | BCw/Pt | 26.2" | 32' | 32' | 32' | 32' | 32' | 40% | Minor Asymmetry | Dense | Healthy | Typical | Partially exposed | NAD | Carpenter Ant infestation. Fungal infection in trunk. Not wind firm. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 2 | 598 | RA/Ar | 16.7" | 40' | n/a | n/a | n/a | n/a | 60% | Major Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | Carpenter Ant infestation. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 2 | 599 | RA/Ar | 10.7" | 20' | n/a | n/a | n/a | n/a | 45% | Minor Asymmetry | Thin | Broken out | Center rot | Base rot | Root Rot | Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 2 | 600 | RA/Ar | 10.3" | 18' | n/a | n/a | n/a | n/a | 50% | Minor Asymmetry | Thin | Broken out | Center rot | Base rot | Root Rot | Carpenter Ant infestation. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 601 | RA/Ar | 6.2" | 10' | 10' | 10' | 10' | 10' | 25% | Generally Symmetrical | Average | Average | Leans SE | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 602 | RA/Ar | 7.1" | 10' | 10' | 10' | 10' | 10' | 25% | Generally Symmetrical | Average | Average | Leans SE | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 603 | RA/Ar | 7.1" | 12' | 12' | 12' | 12' | 12' | 25% | Generally Symmetrical | Average | Average | Typical | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 604 | RA/Ar | 7.9" | 10' | 10' | 10' | 10' | 10' | 25% | Generally Symmetrical | Average | Average | Typical | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 3 | 605 | DF/Pm | 45.7" | 38' | 38' | 38' | 38' | 38' | 60% | Generally Symmetrical | Dense | Healthy | Straight | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 606 | WRC/Tp | 14.2" | 13' | 13' | 13' | 13' | 13' | 98% | Generally Symmetrical | Dense | Healthy | Straight | NAD | NAD | | Excellent | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 607 | RA/Ar | 11.2" | 20' | 20' | 20' | 20' | 20' | 65% | Major Asymmetry | Average | Average | Typical | Partially exposed | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 608 | DF/Pm | 39.5" | 32' | 32' | 32' | 32' | 32' | 40% | Generally Symmetrical | Dense | Healthy | Straight | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 609 | RA/Ar | 15.0" & 12.4" | 20' | n/a | n/a | n/a | n/a | 30% | Major Asymmetry | Sparse | Weak | Center rot | Base rot | Root Rot | Carpenter Ant infestation. Fungal infection in trunk. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 610 | RA/Ar | 11.6" | 12' | n/a | n/a | n/a | n/a | 15% | Major Asymmetry | Sparse | Weak | Leans W | Leans W | NAD | Carpenter Ant infestation. Fungal infection in trunk. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 611 | RA/Ar | 11.5" | 14' | n/a | n/a | n/a | n/a | 60% | Generally Symmetrical | Sparse | Dying | Leans W | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 612 | RA/Ar | 11.1" | 16' | n/a | n/a | n/a | n/a | 50% | Generally Symmetrical | Sparse | Dying | Leans W | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 613 | DF/Pm | 20.4" | 28' | 28' | 28' | 28' | 28' | 40% | Minor Asymmetry | Dense | Healthy | Serpentine | NAD | NAD | Stress cone crop. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 614 | DF/Pm | 28.0" | 36' | 36' | 36' | 36' | 36' | 65% | Generally Symmetrical | Dense | Healthy | Straight | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 615 | WRC/Tp | 11.2" | 13' | 13' | 13' | 13' | 13' | 98% | Generally Symmetrical | Dense | Healthy | Straight | NAD | NAD | | Excellent | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 3 | 616 | WWP/Pm | 23.3" | 28' | 28' | 28' | 28' | 28' | 65% | Generally Symmetrical | Dense | Healthy | Straight | NAD | NAD | Open wound E side 3 to 4.5' w/ sap flow. | Good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 617 | BLM/Am | 7.4" | 12' | 12' | 12' | 12' | 12' | 25% | Major Asymmetry | Dense | Healthy | Leans N | Previous failure | Previous failure | Trunk of fallen Red Alder is pushing the trunk over. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 618 | BLM/Am | 11.9" & 10.3" | 28' | 28' | 28' | 28' | 28' | 55% | Generally Symmetrical | Dense | Regent--Healthy | fork at 1' w/ included bark to base | NAD | NAD | Previously topped at 20' and 26'. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 619 | RA/Ar | 18.4" | 22' | n/a | n/a | n/a | n/a | 65% | Generally Symmetrical | Sparse | Weak | Serpentine | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 620 | RA/Ar | 9.3", 10.8", & 13.6" | 18' | n/a | n/a | n/a | n/a | 45% | Minor Asymmetry | Thin | Weak | Center rot | Base rot | Root Rot | Carpenter Ant infestation. Woodpecker activity. Fungal infection in trunk. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 621 | RA/Ar | 12.4" | 14' | n/a | n/a | n/a | n/a | 65% | Minor Asymmetry | Sparse | Dying | Leans W | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 622 | RA/Ar | 7.7" | 10' | n/a | n/a | n/a | n/a | 12% | Major Asymmetry | Sparse | Broken out | Center rot | Base rot | Root Rot | Trunk has a slight lean west. Carpenter Ant infection. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 623 | RA/Ar | 12.5" | 18' | n/a | n/a | n/a | n/a | 50% | Minor Asymmetry | Sparse | Dying | Leans NW | Partially exposed | NAD | Fungal infection in trunk. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 624 | RA/Ar | 13.7" | 18' | n/a | n/a | n/a | n/a | 12% | Major Asymmetry | Sparse | Dead | Leans NW | Base rot | Root Rot | Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 625 | RA/Ar | 12.4" | 12' | n/a | n/a | n/a | n/a | 40% | Major Asymmetry | Sparse | Dying | Serpentine | Partially exposed | NAD | Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 626 | RA/Ar | 12.8" | 18' | n/a | n/a | n/a | n/a | 20% | Generally Symmetrical | Sparse | Dead | Kink at 4' | Partially exposed | Probable Root Rot | Fungal infection in trunk. Not wind firm. | Dying | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 3 | 627 | RA/Ar | 11.7" | 18' | n/a | n/a | n/a | n/a | 45% | Minor Asymmetry | Sparse | Dying | Leans NW | Base rot | Root Rot | Fungal infection in trunk. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 628 | RA/Ar | 13.6" | 20' | n/a | n/a | n/a | n/a | 80% | Minor Asymmetry | Sparse | Dying | Kink at 30' | Base rot | Root Rot | Rot pockets in branch collar wounds. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 629 | BLM/Am | 13.3", 13.6", & 4.9" | 30' | n/a | n/a | n/a | n/a | 60% | Minor Asymmetry | Dense | Healthy | Center rot | Base rot | Root Rot | Some dead branches in canopy. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 630 | BLM/Am | 5.2" | 44' | n/a | n/a | n/a | n/a | 60% | Minor Asymmetry | Dense | Healthy | Center rot | Base rot | Root Rot | Carpenter Ant infestation. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 631 | DF/Pm | 29.5" | 36' | 36' | 36' | 36' | 36' | 70% | Generally Symmetrical | Average | Regent--Healthy | Straight | NAD | NAD | Dead branches in lower canopy. Storm damage in upper canopy. Early bark beetle infestation. | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 632 | BLM/Am | 24.9" | 28' | 28' | 28' | 28' | 28' | 40% | Generally Symmetrical | Dense | Regent--Healthy | Bowed | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 633 | BLM/Am | 10.3" | 0' | n/a | n/a | n/a | n/a | 0% | n/a | none | Dead | Center rot | Base rot | Root Rot | | Dead | Non-Significant | Remove for safety |
| Sheet 3 | 634 | BLM/Am | 12.1" | 22' | n/a | n/a | n/a | n/a | 75% | Major Asymmetry | Dense | Healthy | Center rot | Base rot | Root Rot | Previously topped at 4.5' tree has generated 5 new leaders. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 635 | RA/Ar | 14.6" | 0' | n/a | n/a | n/a | n/a | 0% | n/a | none | Dead | Center rot | Base rot | Root Rot | Not wind firm. | Dead | Non-Significant | Remove for safety |
| Sheet 3 | 636 | RA/Ar | 17.7" | 26' | n/a | n/a | n/a | n/a | 50% | Minor Asymmetry | Sparse | Dying | Center rot | Base rot | Root Rot | Carpenter Ant infestation. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 637 | BLM/Am | 15.0" | 20' | 20' | 20' | 20' | 20' | 80% | Major Asymmetry | Average | Regent--Healthy | fork at 14' | NAD | NAD | Dead branches in canopy. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 638 | BLM/Am | 21.5" | 34' | 34' | 34' | 34' | 34' | 35% | Major Asymmetry | Dense | Healthy | Leans N | NAD | NAD | Dead branches in canopy. Hangers. | Fair | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 3 | 639 | BLM/Am | 22.0" | 27' | 27' | 27' | 27' | 27' | 40% | Generally Symmetrical | Dense | Healthy | fork at 9' | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 640 | BLM/Am | 35.6" | 48' | 48' | 48' | 48' | 48' | 50% | Generally Symmetrical | Dense | Healthy | fork at 18', Leans SE | Exposed | NAD | Dead branches in canopy. Calloused wound N side base up 5 feet. | Good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 641 | BCw/Pt | 35.6" | 44' | 44' | 44' | 44' | 44' | 65% | Generally Symmetrical | Dense | Healthy | Straight | Partially exposed | Surface | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 642 | BLM/Am | 13.6" | 18' | 18' | 18' | 18' | 18' | 55% | Major Asymmetry | Dense | Healthy | Kink at 9' | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 643 | BLM/Am | 18.2" | 20' | 20' | 20' | 20' | 20' | 65% | Major Asymmetry | Dense | Healthy | Typical | Partially exposed | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 644 | RA/Ar | 16.1" | 18' | n/a | n/a | n/a | n/a | 65% | Minor Asymmetry | Sparse | Dying | Leans W | Partially exposed | Probable Root Rot | | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 645 | RA/Ar | 15.3" | 14' | n/a | n/a | n/a | n/a | 80% | Generally Symmetrical | Sparse | Dead | Center rot | Base rot | Root Rot | Fungal infection in trunk. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 646 | RA/Ar | 15.4" | 22' | 22' | 22' | 22' | 22' | 80% | Minor Asymmetry | Dense | Healthy | Serpentine | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 647 | BLM/Am | 9.0" | 12' | 12' | 12' | 12' | 12' | 45% | Major Asymmetry | Dense | Regent--Healthy | Serpentine | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 648 | RA/Ar | 15.1" | 15' | n/a | n/a | n/a | n/a | 20% | Minor Asymmetry | Sparse | Dying | Serpentine | Probable base rot | Probable Root Rot | Fungal infection in trunk. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 649 | RA/Ar | 16.7" | 24' | n/a | n/a | n/a | n/a | 30% | Minor Asymmetry | Sparse | Dying | Serpentine | Partially exposed | Probable Root Rot | Not wind firm. | Poor | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 3 | 650 | RA/Ar | 18.5" | 28' | n/a | n/a | n/a | n/a | 40% | Generally Symmetrical | Average | Average | Serpentine | Exposed | NAD | Rot pockets in branch collar wounds. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 651 | WRC/Tp | 12.9" | 13' | 13' | 13' | 13' | 13' | 98% | Minor Asymmetry | Average | Healthy | Fork at 6' w/ included bark to base | Bowed at base | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 652 | DF/Pm | 52.8" | 48' | 48' | 48' | 48' | 48' | 65% | Generally Symmetrical | Dense | Healthy | Straight | NAD | NAD | Dead branches in canopy. | Good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 653 | RA/Ar | 11.6" | 18' | n/a | n/a | n/a | n/a | 55% | Major Asymmetry | Thin | Weak | Leans E | NAD | NAD | Rot pockets in branch collar wounds. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 654 | RA/Ar | 12.1" & 10.9" | 24' | n/a | n/a | n/a | n/a | 60% | Minor Asymmetry | Thin | Dying | fork at base | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 655 | RA/Ar | 17.8" | 14' | n/a | n/a | n/a | n/a | 65% | Minor Asymmetry | Thin | Dead | fork at 9' | Partially exposed | NAD | Fungal infection in trunk. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 656 | RA/Ar | 10.9" | 10' | n/a | n/a | n/a | n/a | 40% | Major Asymmetry | Sparse | Dead | Leans S | Partially exposed | NAD | Rot pockets in branch collar wounds. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 657 | RA/Ar | 17.7" | 18' | n/a | n/a | n/a | n/a | 55% | Minor Asymmetry | Thin | Dying | Serpentine | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 658 | BLM/Am | 16.3" | 24' | n/a | n/a | n/a | n/a | 50% | Minor Asymmetry | Dense | Healthy | Straight | Partially exposed | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 659 | BLM/Am | 24.5" | 20' | 20' | 20' | 20' | 20' | 65% | Major Asymmetry | Thin | Weak | Leans E | NAD | NAD | Rot pockets in branch collar wounds. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 660 | BLM/Am | 17.5" | 26' | 26' | 26' | 26' | 26' | 65% | Minor Asymmetry | Thin | Dying | fork at base | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 661 | RA/Ar | 10.8" | 13' | n/a | n/a | n/a | n/a | 15% | Minor Asymmetry | Thin | Dead | fork at 9' | Partially exposed | NAD | Rot pockets in branch collar wounds. Not wind firm. | Poor | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 3 | 662 | RA/Ar | 9.9" | 15' | n/a | n/a | n/a | n/a | 12% | Major Asymmetry | Sparse | Dead | Leans S | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 663 | RA/Ar | 9.8" | 13' | n/a | n/a | n/a | n/a | 70% | Minor Asymmetry | Thin | Dying | Serpentine | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 664 | RA/Ar | 11.7" | 12' | n/a | n/a | n/a | n/a | 30% | Minor Asymmetry | Dense | Healthy | Straight | Partially exposed | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 665 | RA/Ar | 8.4" | 14' | n/a | n/a | n/a | n/a | 40% | Minor Asymmetry | Thin | Dead | Leans NE | NAD | NAD | | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 666 | RA/Ar | 8.2" | 12' | n/a | n/a | n/a | n/a | 35% | Major Asymmetry | Sparse | Dead | Leans NE, Center Rot | Base rot | Root Rot | Fungal infection in trunk. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 667 | DF/Pm | 13.1" | 16' | 16' | 16' | 16' | 16' | 40% | Minor Asymmetry | Dense | Healthy | Leans N | NAD | NAD | Early bark beetle infestation. | Good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 668 | BCh/Pe | 7.7" | 16' | 16' | 16' | 16' | 16' | 45% | Minor Asymmetry | Dense | Healthy | Serpentine | NAD | NAD | | Fair | Non-Significant | Potential to retain with tree protection measures |
| Sheet 3 | 669 | BLM/Am | 9.9" | 18' | 18' | 18' | 18' | 18' | 45% | Minor Asymmetry | Dense | Regent--Healthy | Pt @ 24' | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 670 | RA/Ar | 9.7" | 14' | n/a | n/a | n/a | n/a | 50% | Minor Asymmetry | Sparse | Dying | Center rot | Base rot | Root Rot | Carpenter Ant infection. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 671 | RA/Ar | 9.1" | 16' | n/a | n/a | n/a | n/a | 60% | Generally Symmetrical | Thin | Dying | Leans W | NAD | NAD | | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 672 | RA/Ar | 10.3" | 12' | n/a | n/a | n/a | n/a | 40% | Major Asymmetry | Sparse | Dying | Center rot | Base Rot | Root Rot | Woodpecker activity. Fungal infection in trunk. Carpenter Ant infection. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 673 | RA/Ar | 12.9" | 14' | n/a | n/a | n/a | n/a | 30% | Major Asymmetry | Sparse | Dying | Straight | Partially exposed | NAD | | Dying | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 3 | 674 | BLM/Am | 12.4" | 22' | 22' | 22' | 22' | 22' | 70% | Minor Asymmetry | Dense | Healthy | Straight | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 675 | BCh/Pe | 9.8" | 18' | 18' | 18' | 18' | 18' | 80% | Minor Asymmetry | Dense | Healthy | Serpentine | Exposed | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 676 | BLM/Am | 20.3" | 24' | 24' | 24' | 24' | 24' | 90% | Generally Symmetrical | Dense | Regent--Healthy | Typical | NAD | NAD | | Excellent | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 677 | BLM/Am | 17.2" | 30' | 30' | 30' | 30' | 30' | 65% | Major Asymmetry | Dense | Healthy | fork at 9' w/ included bark to base | Partially exposed | aerial | Growing out of nurse stump. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 678 | BLM/Am | Clump of 4 | 36' | 36' | 36' | 36' | 36' | 94% | Generally Symmetrical | Dense | Healthy | fork at 3' w/ included bark | NAD | NAD | Diameters = 12.3", 7.1", 19.4", & 6.5". A few dead branches in the canopy. | Good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 679 | RA/Ar | 15.4" | 7' | n/a | n/a | n/a | n/a | 4% | Major Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | Bark soughing. Carpenter Ant infestation. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 680 | RA/Ar | 14.4" | 0' | n/a | n/a | n/a | n/a | 0% | n/a | none | Dead | Center rot | Base rot | Root Rot | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 681 | RA/Ar | 13.5" | 0' | n/a | n/a | n/a | n/a | 0% | n/a | none | Dead | Center rot | Base rot | Root Rot | Carpenter Ant infestation. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 682 | RA/Ar | 12.1" | 12' | n/a | n/a | n/a | n/a | 40% | Major Asymmetry | Thin | Dying | Leans W | Base rot | Root Rot | Fungal infection in trunk. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 683 | RA/Ar | 16.0" | 16' | n/a | n/a | n/a | n/a | 50% | Generally Symmetrical | Sparse | Dead | Leans W, Center Rot | Base rot | Root Rot | Open wound NW side 3 rot 17 feet. Carpenter Ant infestation. | Dying | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 3 | 684 | RA/Ar | 11.7" & 10.2" | 13' | n/a | n/a | n/a | n/a | 35% | Minor Asymmetry | Sparse | Dying | fork at base, Center Rot | Base rot | Root Rot | Woodpecker activity. Fungal infection in trunk. Carpenter Ant infection. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 685 | BLM/Am | 29.5" | 42' | 42' | 42' | 42' | 42' | 50% | Generally Symmetrical | Dense | Healthy | fork at 12', typical | NAD | NAD | Northern trunk has a codominant trunk failure wound at 26 to 30 feet--appears well compartmentalized. | Good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 686 | RA/Ar | 17.7" | 0' | n/a | n/a | n/a | n/a | 0% | n/a | n\ | Dead | Center rot | Base rot | Root Rot | | Dead | Non-Significant | Remove for safety |
| Sheet 3 | 687 | RA/Ar | 15.1" & 13.7" | 20' | n/a | n/a | n/a | n/a | 40% | Minor Asymmetry | Sparse | Dying | Center rot | Base rot | Root Rot | Southern trunk has a calloused wound with sap flow on the SW side. Carpenter Ant infestation. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 688 | RA/Ar | 9.0" | 12' | n/a | n/a | n/a | n/a | 25% | Major Asymmetry | Sparse | Weak | Leans N, Center Rot | Base rot | Root Rot | | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 689 | RA/Ar | 19.3" | 24' | n/a | n/a | n/a | n/a | 40% | Minor Asymmetry | Thin | Weak | Leans SW | Exposed | Root Rot | Fungal infection in trunk. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 690 | RA/Ar | 19.7" | 17' | n/a | n/a | n/a | n/a | 60% | Generally Symmetrical | Sparse | Dead | Leans W | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 691 | BCw/Pt | 42.4" | 36' | n/a | n/a | n/a | n/a | 65% | Generally Symmetrical | Dense | Healthy | Typical | Base rot | Root Rot | Carpenter Ant infection. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 692 | RA/Ar | 12.4" | 20' | n/a | n/a | n/a | n/a | 85% | Minor Asymmetry | Thin | Weak | fork at 9' w/ included bark to base | Base rot | Root Rot | Base has advanced decay. Carpenter Ant infestation. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 693 | RA/Ar | 17.9" | 18' | n/a | n/a | n/a | n/a | 75% | Major Asymmetry | Thin | Weak | fork at 3.5' w/ included bark down 2' | Partially exposed | Root Rot | Fungal infection in trunk. | Dying | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 3 | 694 | RA/Ar | 24.9" | 22' | n/a | n/a | n/a | n/a | 65% | Major Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | Fungal infection in trunk. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 695 | RA/Ar | 15.2" & 8.4" | 16' | n/a | n/a | n/a | n/a | 75% | Minor Asymmetry | Sparse | Dying | Fork at 3' w/ included bark | Internal structural weakness | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 696 | RA/Ar | Est. 9.0" | 22' | n/a | n/a | n/a | n/a | 80% | Major Asymmetry | Sparse | Dead | Leans S, Center Rot | Base rot | Root Rot | Calloused crack W side 5-11 feet. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 697 | BLM/Am | 9.1" | 18' | 18' | 18' | 18' | 18' | 60% | Major Asymmetry | Average | Average | Typical | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 698 | DF/Pm | 53.1" | 36' | 36' | 36' | 36' | 36' | 85% | Generally Symmetrical | Dense | Healthy | Straight | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 699 | RA/Ar | 13.8" & 9.8" | 18' | n/a | n/a | n/a | n/a | 45% | Major Asymmetry | Sparse | Dying | fork at base | Internal structural weakness | Root Rot | Fungal infection in trunk. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 700 | RA/Ar | 7.8" | 14' | n/a | n/a | n/a | n/a | 10% | Major Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | Fungal fruiting body on trunk. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 701 | RA/Ar | 10.5" | 18' | n/a | n/a | n/a | n/a | 90% | Minor Asymmetry | Sparse | Dead | Bowed | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 702 | RA/Ar | 11.2" | 15' | n/a | n/a | n/a | n/a | 20% | Minor Asymmetry | Sparse | Dying | Center rot | Base rot | Root Rot | | Dying | Significant | Remove for safety |
| Sheet 3 | 703 | RA/Ar | 11.1" | 12' | n/a | n/a | n/a | n/a | 10% | Major Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | Woodpecker activity. Fungal infection in trunk. Carpenter Ant infection. | Dying | Non-Significant | Potential to retain with tree protection measures |
| Sheet 3 | 704 | BLM/Am | 24.6" | 32' | 32' | 32' | 32' | 32' | 50% | Minor Asymmetry | Average | Average | fork at 18' | NAD | NAD | | Good | Non-Significant | Potential to retain with tree protection measures |
| Sheet 3 | 705 | RA/Ar | 14.9" & 12.5" | 26' | n/a | n/a | n/a | n/a | 80% | Generally Symmetrical | Sparse | Dying | fork at 3', Center Rot | Base rot | Root Rot | English Ivy up app. 42 feet. Carpenter Ant | Dying | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| | | | | | | | | | | | | | | | | infestation. Fungal infection in trunk. | | | |
| Sheet 3 | 706 | RA/Ar | 14.3" | 18' | n/a | n/a | n/a | n/a | 20% | Major Asymmetry | Sparse | Dying | Leans SW, Center Rot | Base rot | Root Rot | Fungal infection in trunk. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 707 | BLM/Am | 7.1" | 18' | 18' | 18' | 18' | 18' | 90% | Minor Asymmetry | Dense | Healthy | Straight | NAD | NAD | | Excellent | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 708 | BLM/Am | 11.5" | 24' | 24' | 24' | 24' | 24' | 60% | Minor Asymmetry | Dense | Healthy | Fork at 6' w/ included bark to base | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 709 | BLM/Am | 24.8" | 34' | 34' | 34' | 34' | 34' | 80% | Generally Symmetrical | Dense | Healthy | fork at 12' | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 710 | BLM/Am | 12.0" | 18' | 18' | 18' | 18' | 18' | 80% | Minor Asymmetry | Dense | Healthy | Straight | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 711 | RA/Ar | 14.3" | 12' | n/a | n/a | n/a | n/a | 40% | Minor Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | Woodpecker activity. Fungal infection in trunk. Carpenter Ant infection. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 712 | RA/Ar | 15.0" | 15' | n/a | n/a | n/a | n/a | 55% | Major Asymmetry | Thin | Dead | Center rot | Base rot | Root Rot | Carpenter Ant infection. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 713 | RA/Ar | 17.3" | 20' | n/a | n/a | n/a | n/a | 90% | Minor Asymmetry | Sparse | Dying | Serpentine | Partially exposed | NAD | | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 714 | RA/Ar | 14.5" | 13' | n/a | n/a | n/a | n/a | 50% | Major Asymmetry | Sparse | Dead | Serpentine | Partially exposed | NAD | Fungal infection in trunk. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 715 | RA/Ar | 15.6" | 15' | n/a | n/a | n/a | n/a | 20% | Minor Asymmetry | Sparse | Broken out | Leans W | Base rot | NAD | Fungal infection in trunk. | Dying | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 3 | 716 | RA/Ar | 12.8" | 18' | n/a | n/a | n/a | n/a | 50% | Minor Asymmetry | Average | Broken out | Center rot | Base rot | Probable Root Rot | | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 717 | RA/Ar | 16.4" | 20' | n/a | n/a | n/a | n/a | 65% | Minor Asymmetry | Sparse | Dying | Typical | Partially exposed | NAD | | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 718 | RA/Ar | 9.8" | 16' | n/a | n/a | n/a | n/a | 60% | Generally Symmetrical | Sparse | Dead | Leans W, Center Rot | Base rot | Root Rot | | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 719 | RA/Ar | 12.8" | 20' | n/a | n/a | n/a | n/a | 55% | Major Asymmetry | Sparse | Dead | Leans NW | Exposed | NAD | | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 720 | RA/Ar | 10.7" | 0' | n/a | n/a | n/a | n/a | 0% | n/a | none | Dead | Center rot | Base rot | Root Rot | Carpenter Ant infection. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 721 | RA/Ar | 18.8" | 11' | n/a | n/a | n/a | n/a | 30% | Major Asymmetry | Sparse | Dead | Leans N, Center Rot | Base rot | Probable Root Rot | Carpenter Ant infection. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 722 | RA/Ar | 6.6" | 5' | n/a | n/a | n/a | n/a | 2% | Major Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 723 | RA/Ar | 7.3" | 0' | n/a | n/a | n/a | n/a | 0% | n/a | none | Dead | Center rot | Base rot | Root Rot | Fungal infection in trunk. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 724 | BCh/Pe | 11.2" | 11' | 11' | 11' | 11' | 11' | 90% | Generally Symmetrical | Average | Healthy | Serpentine | Exposed | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 725 | BCh/Pe | 11.3" | 26' | 26' | 26' | 26' | 26' | 94% | Minor Asymmetry | Dense | Healthy | Fork at base | Exposed | NAD | Sapsucker activity. | Good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 726 | BLM/Am | Clump of 5 | 28' | 28' | 28' | 28' | 28' | 85% | Generally Symmetrical | Dense | Healthy | Fork at base | NAD | NAD | Trunk diameters = 4.9", 6.3", 6.4", 7.1", & 13.6". Stump sprouts. | Good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 727 | BLM/Am | 17.4" & 8.4" | 24' | 24' | 24' | 24' | 24' | 85% | Minor Asymmetry | Dense | Healthy | Fork at 3' & 4.5' w/ included bark | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 3 | 728 | BLM/Am | Clump of 4 | 18' | 18' | 18' | 18' | 18' | 50% | Major Asymmetry | Dense | Healthy | Fork at base | NAD | NAD | Trunk diameters = 4.9", 8.3", 8.3", & 6.1". Stump sprouts. | Good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 729 | SW/Ss | Clump of 5 | 26' | 26' | 26' | 26' | 26' | 50% | Minor Asymmetry | Average | Average | Fork at base | Exposed | NAD | Trunk diameters = 9.3", 11.1", 8.9", & 10.3". Stump sprouts. Surface root to the south. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 730 | BCh/Pe | 8.3" | 16' | 16' | 16' | 16' | 16' | 80% | Minor Asymmetry | Dense | Healthy | Serpentine | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 731 | BCh/Pe | 10.2" | 20' | 20' | 20' | 20' | 20' | 90% | Minor Asymmetry | Dense | Healthy | Leans S | Partially exposed | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 732 | RA/Ar | 10.3" | 16' | n/a | n/a | n/a | n/a | 40% | Minor Asymmetry | Sparse | Dead | Center rot | NAD | NAD | | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 733 | BLM/Am | 9.3" | 20' | 20' | 20' | 20' | 20' | 92% | Generally Symmetrical | Average | Healthy | Straight | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 734 | RA/Ar | 15.8" | 0' | n/a | n/a | n/a | n/a | 0% | n/a | none | Dead | Center rot | Base rot | Root Rot | | Dead | Non-Significant | Remove for safety |
| Sheet 3 | 735 | PbB/Bp | Clump of 4 | 30' | 30' | to S prop. Line | 30' | 30' | 98% | Generally Symmetrical | Dense | Average | Fork at base | NAD | NAD | Trunk diameters = 16.2", 10.7", 8.9", & 4.9". | Good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 736 | RA/Ar | Clump of 5 | 20' | 20' | to S prop. Line | 20' | 20' | 45% | Minor Asymmetry | Thin | Average | fork at 2' & 4' | NAD | NAD | Trunk diameters = 6.7", 7.1", 7.3", 8.2", & 6.4".". | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 737 | BLM/Am | 7.2" | 14' | 14' | 14' | 14' | 14' | 65% | Major Asymmetry | Dense | Regent--Healthy | Typical | NAD | NAD | Previously topped at 18 feet. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 738 | BLM/Am | 9.1" | 22' | 22' | 22' | 22' | 22' | 70% | Minor Asymmetry | Dense | Regent--Healthy | PT at 18' | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 3 | 739 | BLM/Am | 30.5" | 42' | 42' | 42' | 42' | 42' | 55% | Generally Symmetrical | Dense | Healthy | fork at 5.5' w/ included bark to base | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 740 | BLM/Am | 20.8" | 36' | 36' | 36' | 36' | 36' | 60% | Minor Asymmetry | Dense | Healthy | fork at 24', typical | Partially exposed | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 741 | BLM/Am | 19.7" | 28' | 28' | 28' | 28' | 28' | 75% | Generally Symmetrical | Dense | Healthy | fork at 9', Typical | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 742 | RA/Ar | 17.9" | 18' | n/a | n/a | n/a | n/a | 85% | Minor Asymmetry | Thin | Dying | Typical | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 743 | BLM/Am | 7.9" | 16' | 16' | 16' | 16' | 16' | 85% | Generally Symmetrical | Average | Average | Serpentine | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 744 | RA/Ar | 14.6" | 18' | n/a | n/a | n/a | n/a | 92% | Major Asymmetry | Thin | Broken out | Center rot | Base rot | Root Rot | Sapsucker activity. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 745 | BLM/Am | 18.1" | 32' | 32' | 32' | 32' | 32' | 70% | Generally Symmetrical | Dense | Healthy | Typical | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 746 | RA/Ar | 14.3" | 0' | n/a | n/a | n/a | n/a | 0% | n/a | none | Dead | Center rot | Base rot | Root Rot | Bark soughing. Fungal infection in trunk. | Dead | Non-Significant | Remove for safety |
| Sheet 3 | 747 | RA/Ar | 12.3" | 13' | n/a | n/a | n/a | n/a | 85% | Minor Asymmetry | Sparse | Weak | Typical | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 748 | RA/Ar | 11.3" | 15' | n/a | n/a | n/a | n/a | 40% | Major Asymmetry | Sparse | Dead | Leans S | NAD | NAD | | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 749 | BLM/Am | 45.5" & 12.8" | 48' | 48' | 48' | 48' | 48' | 55% | Generally Symmetrical | Dense | Healthy | fork at 11' w/ included bark | Exposed | NAD | Sucker at 4'. | Very good | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
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| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 3 | 750 | RA/Ar | 8.3" | 10' | n/a | n/a | n/a | n/a | 15% | Major Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 751 | BLM/Am | 8.0" | 16' | 16' | 16' | 16' | 16' | 85% | Generally Symmetrical | Average | Healthy | Typical | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 752 | RA/Ar | 13.9" | 18' | n/a | n/a | n/a | n/a | 70% | Generally Symmetrical | Sparse | Dying | Leans N, Center Rot | Base rot | Root Rot | | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 753 | RA/Ar | 12.1" | 13' | n/a | n/a | n/a | n/a | 40% | Minor Asymmetry | Sparse | Dead | Bowed | Partially exposed | NAD | | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 754 | RA/Ar | 8.6" | 7' | n/a | n/a | n/a | n/a | 5% | Major Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | Fungal infection in trunk. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 755 | DF/Pm | 31.5" | 36' | 36' | 36' | 36' | 36' | 50% | Generally Symmetrical | Dense | Healthy | straight | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 756 | BLM/Am | 9.6" | 26' | 26' | 26' | 26' | 26' | 80% | Minor Asymmetry | Dense | Healthy | straight | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 757 | WRC/Tp | 7.8" | 13' | 13' | 13' | 13' | 13' | 96% | Generally Symmetrical | Dense | Healthy | straight | Partially Exposed | NAD | | Excellent | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 758 | WRC/Tp | 13.7" | 18' | 18' | 18' | 18' | 18' | 98% | Generally Symmetrical | Dense | Healthy | straight | Partially Exposed | NAD | | Excellent | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 759 | BLM/Am | 16.6" | 28' | 28' | 28' | 28' | 28' | 94% | Minor Asymmetry | Dense | Healthy | Typical | NAD | NAD | | Excellent | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 760 | BLM/Am | 10.3" | 20' | 20' | 20' | 20' | 20' | 90% | Generally Symmetrical | Dense | Healthy | Leans N | NAD | NAD | | Very good | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 3 | 761 | DF/Pm | 16.1" | 20' | 20' | to S prop. Line | 20' | 20' | 85% | Generally Symmetrical | Dense | Healthy | Straight | NAD | NAD | Calloused wound S side 3.5 to 5 feet--appears compartmentalized. | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 762 | RA/Ar | 9.3" | 13' | n/a | n/a | n/a | n/a | 50% | Major Asymmetry | Sparse | Dead | Typical | Partially exposed | NAD | | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 763 | RA/Ar | 12.4" | 15' | n/a | n/a | n/a | n/a | 60% | Minor Asymmetry | Sparse | Dying | Typical | sp | NAD | Fungal infection in trunk. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 764 | BLM/Am | 16.4" | 24' | 24' | 24' | 24' | 24' | 55% | Minor Asymmetry | Dense | Healthy | Serpentine | Exposed | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 765 | BLM/Am | 17.9" | 26' | 26' | 26' | 26' | 26' | 80% | Minor Asymmetry | Dense | Healthy | Typical | Partially exposed | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 766 | RA/Ar | 13.0" | 22' | n/a | n/a | n/a | n/a | 70% | Major Asymmetry | Thin | Weak | Bowed | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 767 | RA/Ar | 9.9" | 14' | n/a | n/a | n/a | n/a | 40% | Major Asymmetry | Sparse | Weak | Leans N | Partially exposed | NAD | Fungal infection in trunk. Kink at 6-7 feet. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 768 | RA/Ar | 13.2" | 18' | n/a | n/a | n/a | n/a | 20% | Generally Symmetrical | Thin | Dying | Serpentine | Probable base rot | Probable Root Rot | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 769 | RA/Ar | 11.4" | 15' | n/a | n/a | n/a | n/a | 20% | Minor Asymmetry | Sparse | Weak | Typical | Probable base rot | Probable Root Rot | Fungal infection in trunk. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 770 | RA/Ar | 13.0" | 0' | n/a | n/a | n/a | n/a | 0% | n/a | none | Dead | Center rot | Base rot | Root Rot | | Dead | Non-Significant | Remove for safety |
| Sheet 3 | 771 | RA/Ar | 10.4" | 17' | n/a | n/a | n/a | n/a | 30% | Minor Asymmetry | Sparse | Dead | Typical | Partially exposed | NAD | | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 772 | RA/Ar | 12.0" | 0' | n/a | n/a | n/a | n/a | 20% | n/a | none | Dead | Center rot | Base rot | Root Rot | Woodpecker activity. Fungal infection in trunk. Carpenter Ant infection. | Dying | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 3 | 773 | RA/Ar | 18.2" | 22' | n/a | n/a | n/a | n/a | 55% | Minor Asymmetry | Thin | Weak | Bowed | Partially exposed | Surface | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 774 | RA/Ar | 18.4" | 24' | n/a | n/a | n/a | n/a | 60% | Minor Asymmetry | Thin | Weak | fork at 12' & 20' | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 775 | RA/Ar | 13.4" | 18' | n/a | n/a | n/a | n/a | 35% | Minor Asymmetry | Sparse | Dying | Serpentine | Base rot | Root Rot | Fungal infection in trunk. Carpenter Ant infection. | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 776 | RA/Ar | 15.6" | 22' | n/a | n/a | n/a | n/a | 40% | Generally Symmetrical | Sparse | Weak | fork at 20', Center Rot | Base rot | Root Rot | | Dying | Non-Significant | Remove for safety |
| Sheet 3 | 777 | RA/Ar | 18.7" | 26' | n/a | n/a | n/a | n/a | 80% | Generally Symmetrical | Sparse | Weak | Fork at 16' | Exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 778 | BCh/Pe | 7.9" | 18' | 18' | 18' | 18' | 18' | 45% | Generally Symmetrical | Dense | Healthy | Serpentine | Partially exposed | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 3 | 779 | RA/Ar | 16.0" | 20' | n/a | n/a | n/a | n/a | 55% | Minor Asymmetry | Sparse | Weak | Typical | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 3 | 780 | RA/Ar | 15.9" | 18' | n/a | n/a | n/a | n/a | 85% | Minor Asymmetry | Thin | Dying | Leans SW | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 781 | RA/Ar | 10.3" | 16' | n/a | n/a | n/a | n/a | 40% | Minor Asymmetry | Sparse | Dead | Typical | NAD | NAD | | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 782 | RA/Ar | 11.5" | 18' | n/a | n/a | n/a | n/a | 80% | Generally Symmetrical | Sparse | Dying | Leans E | Partially exposed | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 783 | BLM/Am | 13.7" | 26' | 26' | 26' | 26' | 26' | 90% | Minor Asymmetry | Dense | Healthy | Typical | Partially exposed | NAD | | Very good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 784 | RA/Ar | 9.1" | 16' | n/a | n/a | n/a | n/a | 40% | Major Asymmetry | Sparse | Dead | Serpentine | Partially exposed | NAD | | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 785 | RA/Ar | 17.0" | 26' | n/a | n/a | n/a | n/a | 85% | Minor Asymmetry | Thin | Regen--Average | Center rot | Base rot | Root Rot | Carpenter Ant infection. | Dying | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 6 | 786 | BLM/Am | 14.7" | 24' | 24' | to S prop. Line | 24' | 24' | 65% | Minor Asymmetry | Dense | Healthy | Serpentine | Partially exposed | NAD | Yard waste pile near base. | Good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 787 | BLM/Am | 17.4" | 28' | 28' | to S prop. Line | 28' | 28' | 35% | Minor Asymmetry | Dense | Healthy | fork at 12' | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 788 | RA/Ar | 14.0" | 13' | n/a | n/a | n/a | n/a | 30% | Major Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 789 | RA/Ar | 14.3" & 8.1 | 20' | n/a | n/a | n/a | n/a | 65% | Minor Asymmetry | Thin | Weak | Center rot | Base rot | Root Rot | Woodpecker activity. Fungal infection in trunk. Carpenter Ant infection. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 790 | RA/Ar | 14.3" | 18' | n/a | n/a | n/a | n/a | 40% | Generally Symmetrical | Thin | Broken out | Center rot | Base rot | Root Rot | | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 791 | RA/Ar | 11.1" | 9' | n/a | n/a | n/a | n/a | 35% | Major Asymmetry | Sparse | Broken out | Center rot | Base rot | Root Rot | Woodpecker activity. Fungal infection in trunk. Carpenter Ant infection. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 792 | RA/Ar | 13.1" | 18' | n/a | n/a | n/a | n/a | 40% | Minor Asymmetry | Sparse | Broken out | Center rot | Base rot | Root Rot | | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 793 | RA/Ar | 16.1" | 23' | n/a | n/a | n/a | n/a | 50% | Minor Asymmetry | Thin | Dead | Serpentine | Partially exposed | NAD | Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 794 | RA/Ar | 10.9" | 9' | n/a | n/a | n/a | n/a | 25% | Major Asymmetry | Sparse | Dead | Leans W | Partially exposed | NAD | | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 795 | RA/Ar | 7.5" | 9' | n/a | n/a | n/a | n/a | 12% | Major Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 796 | RA/Ar | 9.4" | 16' | n/a | n/a | n/a | n/a | 25% | Minor Asymmetry | Thin | Dead | Center rot | Base rot | Root Rot | Woodpecker activity. Fungal infection in trunk. Carpenter Ant infection. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 797 | RA/Ar | 12.2" | 20' | n/a | n/a | n/a | n/a | 25% | Major Asymmetry | Sparse | Broken out | Center rot | Base rot | Root Rot | Woodpecker activity. Fungal infection in trunk. Carpenter Ant infection. | Dying | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 6 | 798 | BCh/Pe | 10.4" | 22' | 22' | 22' | 22' | 22' | 50% | Generally Symmetrical | Average | Average | Serpentine | NAD | NAD | | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 799 | RA/Ar | 16.4" | 17' | n/a | n/a | n/a | n/a | 30% | Major Asymmetry | Thin | Dead | Center rot | Base rot | Root Rot | Fungal infection in trunk. Carpenter Ant infection. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 800 | RA/Ar | 10.3" | 14' | n/a | n/a | n/a | n/a | 40% | Major Asymmetry | Sparse | Dead | Bowed | NAD | NAD | | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 801 | RA/Ar | 14.2" | 16' | n/a | n/a | n/a | n/a | 10% | Major Asymmetry | Sparse | Dying | Center rot | Base rot | Root Rot | Top 2/3rds broken out and leaning into the canopy of # 802. Carpenter Ant infestation. Tag lost in field--tree # written on survey ribbon around trunk and on bark of tree. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 802 | RA/Ar | 18.0" | 0' | n/a | n/a | n/a | n/a | 0% | n/a | none | Dead | Center rot | Base rot | Root Rot | Carpenter Ant infestation. Woodpecker activity. Fungal infection in trunk. Tag lost in field--tree # written on survey ribbon around trunk and on bark of tree. | Dead | Non-Significant | Remove for safety |
| Sheet 6 | 803 | RA/Ar | 19.4" | 20' | n/a | n/a | n/a | n/a | 75% | Generally Symmetrical | Sparse | Dying | Leans N, Center Rot | Partially exposed | NAD | Tag lost in field--tree # written on survey ribbon around trunk and on bark of tree. Carpenter Ant infestation. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 804 | RA/Ar | 15.6" | 20' | n/a | n/a | n/a | n/a | 60% | Major Asymmetry | Sparse | Weak | Leans N, Center Rot | Probable base rot | Probable Root Rot | Carpenter Ant infestation. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 805 | RA/Ar | 16.5" | 20' | n/a | n/a | n/a | n/a | 65% | Major Asymmetry | Sparse | Dying | Leans N, Center Rot | Base rot | Root Rot | Fungal infection in trunk. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 806 | BLM/Am | 10.6" | 20' | 20' | 20' | 20' | 20' | 65% | Minor Asymmetry | Dense | Healthy | Typical | Partially exposed | NAD | | Good | Significant | Potential to retain with tree protection measures |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 6 | 807 | RA/Ar | 13.2" | 10' | n/a | n/a | n/a | n/a | 12% | Major Asymmetry | Sparse | Dead | Leans N, Center Rot | Base rot | Root Rot | Woodpecker activity. Carpenter Ant infection. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 808 | RA/Ar | 17.6" | 26' | n/a | n/a | n/a | n/a | 85% | Generally Symmetrical | Sparse | Dead | Bowed | Exposed | NAD | Dead branches in canopy. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 809 | BCh/Pe | 14.5" | 18' | 18' | 18' | 18' | 18' | 70% | Generally Symmetrical | Dense | Healthy | Leans W, Typical | NAD | NAD | Adjacent to trail. | Good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 810 | BLM/Am | 10.4" | 20' | 20' | 20' | 20' | 20' | 70% | Major Asymmetry | Average | Average | Typical | Exposed | NAD | Growing out of nurse stump. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 811 | RA/Ar | 14.7" | 26' | n/a | n/a | n/a | n/a | 45% | Major Asymmetry | Sparse | Dying | Leans N | Probable base rot | Probable Root Rot | Growing out of nurse stump. Not wind firm. Woodpecker activity. Fungal infection in trunk. Carpenter Ant infection. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 812 | RA/Ar | 15.9" | 22' | n/a | n/a | n/a | n/a | 45% | Major Asymmetry | Sparse | Dead | Leans NW, Center Rot | Probable base rot | Probable Root Rot | Fungal infection in trunk. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 813 | RA/Ar | 10.9" | 18' | n/a | n/a | n/a | n/a | 60% | Minor Asymmetry | Sparse | Broken out | Leans S, Center Rot | NAD | NAD | Fungal infection in trunk. Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 814 | RA/Ar | 12.3" | 16' | n/a | n/a | n/a | n/a | 65% | Minor Asymmetry | Sparse | Broken out | Leans E, Center Rot | Probable base rot | Probable Root Rot | Fungal infection in trunk. Carpenter Ant infection. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 815 | RA/Ar | 10.1" | 14' | n/a | n/a | n/a | n/a | 30% | Minor Asymmetry | Sparse | Broken out | Leans S, Center Rot | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 816 | RA/Ar | 11.3" | 14' | n/a | n/a | n/a | n/a | 5% | Major Asymmetry | Sparse | Broken out | Leans S, Center Rot | NAD | NAD | | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 817 | RA/Ar | 10.8" | 24' | n/a | n/a | n/a | n/a | 6% | Major Asymmetry | Sparse | Dying | Center rot | Base rot | Root Rot | Fungal infection in trunk. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 818 | BLM/Am | 12.2" | 22' | n/a | n/a | n/a | n/a | 70% | Minor Asymmetry | Average | Healthy | Center rot | Base rot | Probable Root Rot | Fungal infection in trunk. Carpenter Ant infestation. | Poor | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 6 | 819 | RA/Ar | 10.3" | 16' | n/a | n/a | n/a | n/a | 35% | Major Asymmetry | Sparse | Weak | Leans NE, Center Rot | Base rot | Root Rot | | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 820 | RA/Ar | 12.5" | 20' | n/a | n/a | n/a | n/a | 40% | Minor Asymmetry | Sparse | Weak | Leans NE, Center Rot | Base rot | Root Rot | Calloused cracks on NS 5' to 7' and on the W side from 8' - 14' w/sap flow. Carpenter Ant infestation. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 821 | RA/Ar | 10.7" | 16' | n/a | n/a | n/a | n/a | 30% | Major Asymmetry | Sparse | Dying | Center rot | Base rot | Root Rot | Calloused wounds on S side from 5.0 to 6.5 feet and on S side from 12 to 20 feet. They appear structural. Not stable. Carpenter Ant infestation. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 822 | RA/Ar | 9.2" | 12' | n/a | n/a | n/a | n/a | 60% | Minor Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | Fungal infection in trunk. Carpenter Ant infestation. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 823 | BLM/Am | 17.5" | 26' | 26' | 26' | 26' | 26' | 90% | Major Asymmetry | Dense | Healthy | Leans S | NAD | NAD | Calloused wound S side 2.5' -- 4' and on the NE side from 6' to 9' w/decay. Appears well compartmentalized. | Fair | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 824 | BLM/Am | 17.6" | 28' | 28' | 28' | 28' | 28' | 90% | Minor Asymmetry | Average | Healthy | Typical | NAD | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 825 | RA/Ar | 12.3" | 18' | n/a | n/a | n/a | n/a | 50% | Minor Asymmetry | Sparse | Broken out | Leans SW | Probable base rot | Probable Root Rot | Fungal infection in trunk. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 826 | BLM/Am | 12.4" | 26' | n/a | n/a | n/a | n/a | 70% | Generally Symmetrical | Dense | Healthy | Typical | Exposed | NAD | | Good | Significant | Potential to retain with tree protection measures |
| Sheet 6 | 827 | RA/Ar | 12.4" | 20' | n/a | n/a | n/a | n/a | 65% | Major Asymmetry | Sparse | Dead | Leans NE | Partially exposed | Probable Root Rot | Fungal infection in trunk. Not wind firm. | Poor | Non-Significant | Remove for safety |
| Sheet 6 | 828 | RA/Ar | 13.0" | 22' | n/a | n/a | n/a | n/a | 40% | Major Asymmetry | Sparse | Dying | Bowed | Exposed | Probable Root Rot | Fungal infection in trunk. Not wind firm. | Poor | Non-Significant | Remove for safety |

| 2 | 3 | 4 | 5 | 6 | 7 -- LIMITS OF DISTURBANCE | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TREE LOCATION | TREE # | SPECIES | DBH | DRIP LINE | North | South | East | West | LCR | SYMMETRY | FOLIAGE | CROWN CONDITION | TRUNK | ROOT COLLAR | ROOTS | COMMENTS | CURRENT HEALTH RATING | STATUS | RECOMMENDATION |
| Sheet 6 | 829 | RA/Ar | 8.9" | 6' | n/a | n/a | n/a | n/a | 5% | Major Asymmetry | Sparse | Dead | Center rot | Base rot | Root Rot | Fungal infection in trunk. Carpenter Ant infestation. Bark sloughing | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 830 | RA/Ar | 10.7" | 11' | n/a | n/a | n/a | n/a | 12% | Major Asymmetry | Sparse | Dead | Center rot | Probable base rot | Probable Root Rot | Not wind firm. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 831 | RA/Ar | 12.3" | 15' | n/a | n/a | n/a | n/a | 25% | Major Asymmetry | Thin | Broken out | Center rot | Base rot | Probable Root Rot | Open wound SW side t to 9 feet w/ decay. Carpenter Ant infestation. Fungal infection in trunk. | Dying | Non-Significant | Remove for safety |
| Sheet 6 | 832 | RA/Ar | 7.1" | 12' | n/a | n/a | n/a | n/a | 30% | Major Asymmetry | Sparse | Broken out | Leans E | NAD | NAD | Not wind firm. | Poor | Non-Significant | Remove for safety |

## ATTACHMENT 3 - GLOSSARY

### Terms Used in This Report, on the Tree Condition / Inventory Spreadsheet, and Their Significance

In an effort to clearly present the information for each tree in a manner that facilitates the reader's ability to understand the conclusions I have drawn for each tree, I have collected the information in a spreadsheet format. This spreadsheet was developed by Gilles Consulting based upon the *Tree Risk Assessment in Urban Areas and the Urban/Rural Interface* course manual and the *Tree Risk Assessment Form,* both sponsored by the Pacific Northwest Chapter of the International Society of Arboriculture, and the *Hazard Tree Evaluation Form* from the book, *The Evaluation of Hazard Trees in Urban Areas,* by Matheny and Clarke. The descriptions were left brief on the spreadsheet in an effort to include as much pertinent information as possible, to make the report manageable, and to avoid boring the reader with infinite levels of detail. However, a review of these terms and descriptions will allow the reader to rapidly move through the report and understand the information.

1) **PROPERTY**—Whether the tree is on or off the Subject Property, or a Right-of-Way tree.
2) **TREE LOCATION**—Relative placement of the tree.
3) **TREE #**—the unique tag number of each tree.
4) **SPECIES**—this describes the species of each tree with both most readily accepted common name and the officially accepted scientific name.
5) **DBH**—Diameter Breast Height. This is the standard measurement of trees taken at 4.5 feet above the average ground level of the tree base.
    i) Occasionally it is not practical to measure a tree at 4.5 feet above the ground. The most representative area of the trunk near 4.5 feet is then measured and noted on the spreadsheet. For instance, a tree that forks at 4.5 feet can have an unusually large swelling at that point. The measurement is taken below the swelling and noted, e.g. '28.4" at 36"'.
    ii) Trees with multiple stems are listed as a "clump of x," with x being the number of trunks in the clump. Measurements may be given as an average of all the trunks, or individual measurements for each trunk may be listed.
        (1) Every effort is made to distinguish between a single tree with multiple stems and several trees growing close together at the bases.
6) **DRIP LINE**— the radius, the distance from the trunk to the furthest branch tips.
7) **LIMITS OF DISTURBANCE**— The boundary between the area of minimum protection around a tree and the allowable site disturbance as determined by a qualified professional. Distances from the center of the trunk were derived on a case by case basis looking at the unique circumstances of each property and each tree on that property.

8) **% LCR**—Percentage of Live Crown Ratio. The relative proportion of green crown to overall tree height. This is an important indication of a tree's health. If a tree has a high percentage of Live Crown Ratio, it is likely producing enough photosynthetic activity to support the tree. If a tree has less than 30% to 40% LCR, it can create a shortage of needed energy and can indicate poor health and vigor.
9) **SYMMETRY**—is the description of the form of the canopy, i.e., the balance or overall shape of the canopy and crown. This is the place I list any major defects in the canopy shape, e.g. does the tree have all its foliage on one side or in one unusual area? Symmetry can be important if there are additional defects in the tree such as rot pockets, cracks, loose roots, weak crown, etc. Symmetry is generally categorized as Generally Symmetrical, Minor Asymmetry or Major Asymmetry:
    i) Gen. Sym.—Generally Symmetrical. The canopy/foliage is generally even on all sides with spacing of scaffold branches typical for the species, both vertically and radially.
    ii) Min. Asym.—Minor Asymmetry. The canopy/foliage has a slightly irregular shape with more weight on one side, but appears to be no problem for the tree.
    iii) Maj. Asym.—Major Asymmetry. The canopy/foliage has a highly irregular shape for the species with the majority of the weight on one side of the tree. This can have a significant impact on the tree's stability, health and hazard potential—especially if other defects are noted such as cracks, rot, or root defects.
10) **FOLIAGE/BRANCH**—describes the foliage of the tree in relation to a perfect specimen of that particular species. First the branch growth and foliage density is described, and then any signs or symptoms of stress and/or disease are noted. The condition of the foliage, or the branches and buds for deciduous trees in the dormant season, are important indications of a tree's health and vigor.
    i) For Deciduous trees in the dormant season:
        (1) The structure of the deciduous tree is visible.
        (2) The quantity and quality of buds indicates health, and is described as good bud set, average bud set, or poor bud set. These are abbreviated in the spreadsheet as: gbs, abs, or pbs.
        (3) The amount of annual shoot elongation is visible and is another major indication of tree health and vigor. This is described as:
            a) Excellent, Good, Average, or Short Shoot Elongation. These are abbreviated in the spreadsheet as ESE, GSE, ASE, or SSE.
    ii) For evergreen trees year round and deciduous trees in leaf, the color and density of the foliage indicates if the tree is healthy or stressed, or if an insect infestation, a bacterial, fungal, or viral infection is present. Foliage is categorized on a scale from:
        (1) Dense—extremely thick foliage, an indication of healthy vigorous growth,
        (2) Good—thick foliage, thicker than average for the species,

(3) Normal/Average—thick foliage, average for the species, an indication of healthy growth,
(4) Thin or Thinning—needles and leaves becoming less dense so that sunlight readily passes through; an indication that the tree is under serious stress that could impact the long-term survivability and safety of the tree,
(5) Sparse—few leaves or needles on the twigs, an indication that the tree is under extreme stress and could indicate the future death of the tree,
(6) Necrosis—the presence of dead twigs and branchlets. This is another significant indication of tree health. A few dead twigs and branches are reasonably typical in most trees of size. However, if there are dead twigs and branchlets all over a certain portion of the tree, or all over the tree, these are indications of stress or attack that can have an impact on the tree's long-term health.
(7) Hangers—a term to describe a large branch or limb that has broken off but is still hanging up in the tree. These can be particularly dangerous in adverse weather conditions.

11) **CROWN CONDITION**—the crown is uppermost portion of the tree, generally considered the top 10 to 20% of the canopy or that part of the canopy above the main trunk in deciduous trees and above the secondary bark in evergreen trees.
   i) The condition of the tree's crown is a reflection of the overall health and vigor of the entire tree. The crown is one of the first places a tree will demonstrate stress and pathogenic attack such as root rot.
   ii) If the **Crown Condition** is healthy and strong, this is a good sign. If the crown condition is weak, broken out, or shows other signs of decline, it is an indication that the tree is under stress. It is such an important indication of health and vigor that this is the first place a trained forester or arborist looks to begin the evaluation of a tree. Current research reveals that, by the time trees with root rot show significant signs of decline in the crown, fully 50% or more of the roots have already rotted away. **Crown Condition** can be described as:
      (1) Healthy Crown—exceptional growth for the species.
      (2) Average Crown—typical for the species.
      (3) Weak Crown—thin spindly growth with thin or sparse needles.
      (4) Flagging Crown—describes a tree crown that is weak and unable to grow straight up.
      (5) Dying Crown—describes obvious decline that is nearing death.
      (6) Dead Crown—the crown has died due to pathological or physical injury. The tree is considered to have significant stress and/or weakness if the crown is dead.
      (7) Broken out—a formerly weak crown condition that has been broken off by adverse weather conditions or other mechanical means.

(8) Regenerated or Regenerating—formerly broken out crowns that are now growing back. Regenerating crowns may appear healthy, average, or weak and indicate current health of the tree.

(9) Suppressed—a term used to describe poor condition of an entire tree or just the crown. Suppressed crowns are those that are entirely below the general level of the canopy of surrounding trees which receive no direct sunlight. They are generally in poor health and vigor. Suppressed trees are generally trees that are smaller and growing in the shade of larger trees around them. They generally have thin or sparse needles, weak or missing crowns, and are prone to insect attack as well as bacterial and fungal infections.

12) **TRUNK**—this is the area to note any defects that can have an impact on the tree's stability or hazard potential. Typical things noted are:

i) FORKED—bifurcation of branches or trunks that often occur at a narrow angle.

ii) INCLUDED BARK—a pattern of development at branch or trunk junctions where bark is turned inward rather than pushed out. This can be a serious structural defect in a tree that can and often does lead to failure of one or more of the branches or trunks, especially during severe, adverse weather conditions.

iii) EPICORMIC GROWTH—this is generally seen as dense thick growth near the trunk of a tree. Although this looks like a healthy condition, it is, in fact the opposite. Trees with Epicormic Growth have used their reserve stores of energy in a last ditch effort to produce enough additional photosynthetic surface area to produce more sugars, starches and carbohydrates to support the continued growth of the tree. Generally speaking, when conifers in the Pacific Northwest exhibit heavy amounts of Epicormic Growth, they are not producing enough food to support their current mass and are already in serious decline.

iv) INTERNAL STRUCTURAL WEAKNESS—a physical characteristic of the tree trunk, such as a **kink, crack, rot pocket, or rot column** that predisposes the tree trunk to failure at the point of greatest weakness.

v) BOWED—a gradual curve of the trunk. This can indicate an Internal Structural Weakness or an overall weak tree. It can also indicate slow movement of soils or historic damage of the tree that has been corrected by the curved growth.

vi) KINKED—a sharp angle in the tree trunk that indicates that the normal growth pattern is disrupted. Generally this means that the internal fibers and annual rings are weaker than straight trunks and prone to failure, especially in adverse weather conditions.

vii) GROUND FLOWER—an area of deformed bark near the base of a tree trunk that indicates long-term root rot.

13) **ROOT COLLAR**—this is the area where the trunk enters the soil and the buttress roots flare out away from the trunk into the soil. It is here that signs of rot, decay, insect infestation, or fungal or bacterial infection are noted. **NAD** stands for **N**o **A**pparent **D**efects.
14) **ROOTS**—any abnormalities such as girdling roots, roots that wrap around the tree itself that strangle the cambium layer and kill the tree, are noted here.
15) **COMMENTS**—this is the area to note any additional information that would not fit in the previous boxes or attributes about the tree that have bearing on the health and structure of the tree.
16) **SIGNIFICANCE**—a "significant" tree is at least 6" in diameter measured at 4.5' above the average ground level.
17) **CURRENT HEALTH RATING**— a description of general health ranging from dead, dying, poor, senescent, suppressed, fair, good, very good, to excellent.
18) **RECOMMENDATION**— this is an estimate of whether or not the tree is of sufficient health, vigor, and structure that it is worth retaining. Specific recommendations for each tree are included in this column. They may include anything from pruning dead wood, mulching, aerating, injecting tree-based fertilizer into the root system, shortening into a habitat tree or wildlife snag, or to completely removing the tree.
    i) **Monitor: "**Monitor" is a specific recommendation that the tree be re-evaluated on a routine basis to determine if there are any significant changes in health or structural stability. "Monitor annually" (or bi-annually, tri-annually, etc.)" means the tree should be looked at once every year (or every 2 or 3 years, etc.) This yearly monitoring can be a quick look at the trees to see if there are any significant changes. Significant changes such as storm damage, loss of crown, partial failure of one or more roots, etc. require that a full evaluation be done of the tree at that time.
    ii) **Potential to retain with tree protection measures:** means that the tree appears to have the internal resources, the health and vigor, structural stability, and the wind firmness to be able to withstand the stresses of construction if development requirements and construction requirements allow.
    iii) **Habitat or Remove:** means that the tree has a high potential to fail and cause either personal injury or property damage—in other words the tree has been declared a hazard tree and should be dealt with prior to the next large storm. If it is at all possible the recommendation is to leave some of the trunk standing for wildlife habitat and some of the trunk on the ground as a nurse log. The height of the standing habitat tree depends upon the size of the tree, the condition of the tree, and the distance to a probable target. It should be short enough so that when it does fail years in the future it will not cause personal injury or property damage. Nurse logs can be laid horizontally across the slope to aid with erosion control and to provide microenvironments for new plantings. The nurse logs meaning to be steak to prevent their movement

and potential harm to people. If for some reason this is not possible that should be removed for safety.

**NOTE:** TREES WITH THE SAME DESCRIPTION AND DIFFERENT RATINGS: Two trees may have the same descriptions in the matrix boxes, one may be marked "Significant," while another may be marked "Non-Significant." The difference is in the degree of the description, i.e., "early necrosis" versus "advanced necrosis" for instance. Another example is "center rot" or 'base rot". In a Western Red Cedar tree, the presence of low or even moderate rot is not significant and does not diminish the strength of the tree. However, low levels of rot in the base of a Douglas Fir tree, in an area known to have virulent pathogens present, is highly significant and predisposes that tree to windthrow.

## ATTACHMENT 4 - TREE PROTECTION MEASURES

In order for trees to survive the stresses placed upon them in the construction process, tree protection must be planned in advance of equipment arrival on site. If tree protection is not planned integral with the design and layout of the project, the trees will suffer needlessly and will possibly die. With proper preparation, often costing little, or nothing extra to the project budget, trees can survive and thrive after construction. This is critical for tree survival because damage prevention is the single most effective treatment for trees on construction sites. Once trees are damaged, the treatment options available are limited.

The following minimum Tree Protection Measures are included on three separate sheets so that they can be copied and introduced into all relevant documents such as site plans, permit applications and conditions of approval, and bid documents so that everyone involved is aware of the requirements. These Tree Protection Measures are intended to be generic in nature. They will need to be adjusted to the specific circumstances of your site that takes into account the location of improvements and the locations of the trees.

# TREE PROTECTION MEASURES:

1. Tree Protection Fences will need to be placed around each tree or group of trees to be retained.
    a. Tree Protection Fences are to be placed according to the attached drawing at a distance of not less than 5 feet outside the dripline of the tree or group of trees to be saved.
    b. Tree Protection Fences must be inspected prior to the beginning of any demolition or construction work activities.
    c. Nothing must be parked or stored within the Tree Protection Fences—no equipment, vehicles, soil, debris, or construction supplies of any sorts.

2. No burning is to be allowed within the Tree Protection Zone, under the dripline of any retained trees, or within 30 feet of the Tree Protection Fences.

3. Cement trucks must not be allowed to deposit waste or wash out materials from their trucks within the Tree Protection Fences.

4. The Tree Protection Fences need to be clearly marked with the following or similar text in four inch or larger letters:

**"TREE PROTECTION FENCE**
**DO NOT ENTER THIS AREA**
**DO NOT PARK OR STORE MATERIALS**
**WITHIN THE PROTECTION AREA**

**Any questions, call Brian K. Gilles at Gilles Consulting**
**@ 425-417-0850"**

5. The area within the Tree Protection Fencing must be covered with wood chips, hog fuel, or similar materials to a depth of 8 to 10 inches. The materials should be placed prior to beginning construction and remain until the Tree Protection Fencing is taken down.

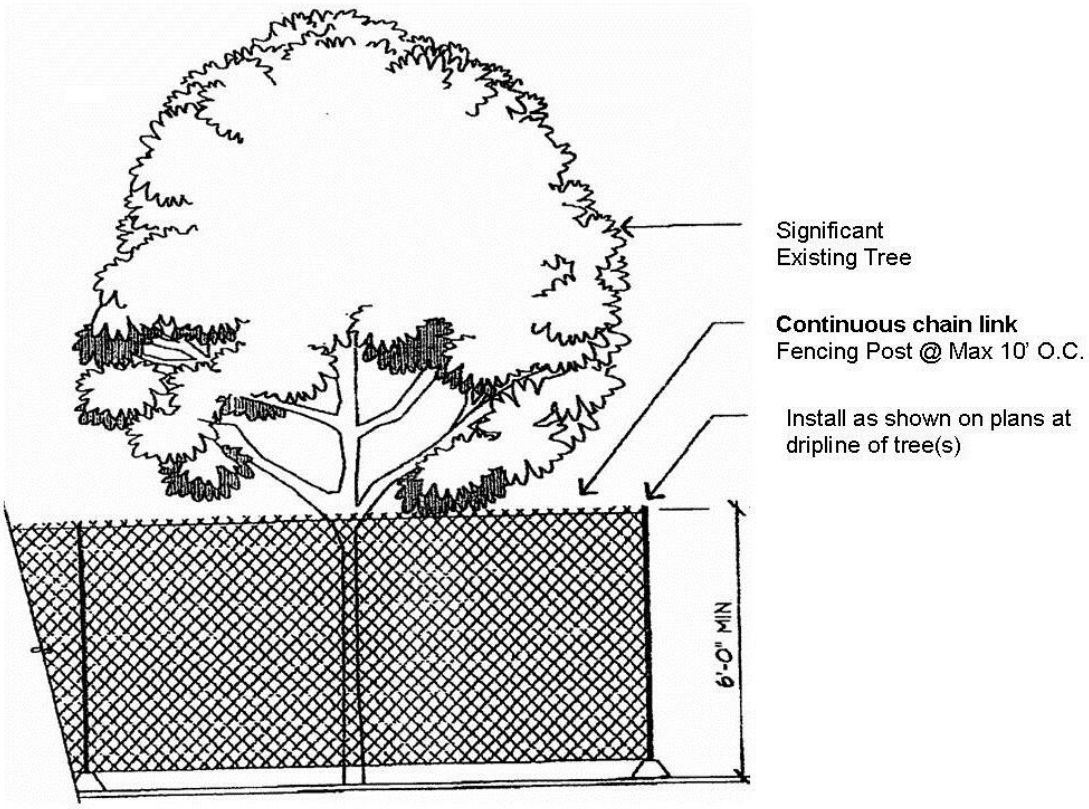
5. When excavation occurs near trees that are scheduled for retention, the following procedure must be followed to protect the long term survivability of the tree:
    a. An International Society of Arboriculture, (ISA) Certified Arborist must be working with all equipment operators.
        i. The Certified Arborist should be outfitted with a shovel, hand pruners, a pair of loppers, a handsaw, and a power saw (a "sawsall" is recommended).

b. The hoe must be placed to "comb" the material directly away from the trunk as opposed to cutting across the roots.
    i. Combing is the gradual excavation of the ground cover plants and soil in depths that only extend as deep as the tines of the hoe.
c. When any roots of one inch diameter or greater, of the tree to be retained, is struck by the equipment, the Certified Arborist should stop the equipment operator.
d. The Certified Arborist should then excavate around the tree root by hand/shovel and cleanly cut the tree root.
    i. The Certified Arborist should then instruct the equipment operator to continue.

6. Putting Utilities Under the Root Zone:
    a. Boring under the root systems of trees (and other vegetation) shall be done under the supervision of an ISA Certified Arborist. This is to be accomplished by excavating a limited trench or pit on each side of the critical root zone of the tree and then hand digging or pushing the pipe through the soil under the tree. The closest pit walls shall be a minimum of 7 feet from the center of the tree and shall be sufficient depth to lay the pipe at the grade as shown on the plan and profile.
    b. Tunneling under the roots of trees shall be done under the supervision of an ISA Certified Arborist in an open trench by carefully excavating and hand digging around areas where large roots are exposed. No roots 1 inch in diameter or larger shall be cut.
    c. The contractor shall verify the vertical and horizontal location of existing utilities to avoid conflicts and maintain minimum clearances; adjustment shall be made to the grade of the new utility as required.

7. Watering:
    a. The trees will require significant watering throughout the summer and early fall in order to survive long-term. An easy and economical watering can be done using soaker hoses placed three feet from the trunk of the tree and spiraled around the tree. One 75-foot soaker hose per tree is adequate. It is best to place the soakers using landscape staples, (available from HD Fowler in Bellevue for pennies apiece) then cover the area with two to three inches composed materials. The composted material will act as a mulch to minimize evaporation and will also stimulate the microbial activity of the soil which is another benefit to the health of the tree.
    b. Water the tree to a depth of 18 to 20 inches. I recommended leaving the water on the soaker hoses for six to eight hours and then digging down to determine how deep your water is penetrating. Then adjust accordingly. It may take a good two days of watering to reach the proper depth.

c. Once the water reaches the proper depth, turn off the hoses for four weeks and then water again. Water more often when temperatures increase—every three weeks when temperatures exceed 80 degrees and every two weeks when temperatures exceed 90 degrees. This drying out of the soil in between watering is important to prevent soil pathogens from attacking the trees.




Six-foot high temporary chain link fence shall be placed as shown on plans. Fence shall completely encircle tree(s). Install fence posts using pier blocks only. Avoid driving posts or stakes into major roots.

Make a clean straight cut to remove damaged portion of root for all roots over 1" in diameter damaged during construction. ***All*** exposed roots shall be temporarily covered with damp burlap and covered with soils the same day, if possible, to prevent drying. If not possible, burlap must be kept moist at all times.

Work with the protection fencing shall be done manually. No stockpiling of materials, soil, debris, vehicle traffic, or storage of equipment or machinery shall be allowed within the limit of the fencing.

Cement trucks must not be allowed to deposit waste or wash out materials from their trucks within the Tree Protection Fences.

The area within the Tree Protection Fencing must be covered with wood chips, hog fuel, or similar materials to a depth of 8 to 10 inches. The materials should be placed prior to beginning construction and remain until the Tree Protection Fencing is taken down.

## ATTACHMENT 5 - VALUE OF THE URBAN/SUBURBAN FOREST

Trees provide *more* value than shade or aesthetics to a community. Trees are an integral and important element of a community's infrastructure. Urban and community forests can strongly influence the physical/biological environment and mitigate many impacts of urban development by moderating climate, conserving energy, using carbon dioxide and water, improving air quality, controlling rainfall runoff and flooding, lowering noise levels, harboring wildlife, and enhancing attractiveness of cities.

Trees contribute to the value of real estate:

- According to the U.S. Forest Service, trees increase the appraised property values (5 to 20%). Property value grows with the height of trees. Studies show that tenants rent more quickly and stay longer in buildings that have trees around them. Further studies reveal houses with trees and landscaping that obtained an "excellent" rating for the landscape, could expect a sales price of 4 to 5% higher—depending on the size of the lot. Homes with landscapes rated "fair" or "poor" could expect a sales price 8 to 10% below equivalent homes with good landscape appeal.
- A recent survey by a mortgage company revealed that:
    - 84% of the real-estate agents feel a house on lot with trees would be as much as 20% more salable than a house on a lot without trees.
    - 62% of respondents said the existence of healthy shade trees strongly influences a potential buyer's impression of a block or neighborhood.
    - 60% thought healthy shade trees have a big effect on a potential buyer's first impression of a property.
    - 56% felt healthy shade trees are a strong factor in a home's salability.
- Trees save money: The U.S.D.A. Forest Service states in An Introductory Guide to Urban and Community Forestry Programs, that properly placed trees cut energy costs (20 to 50%) per lot. When planted on the north side, they create windbreaks, which reduce drafts and cut heating costs. When planted on the south and west side, they provide shade, which blocks the sun's direct rays and lower cooling costs.
- Trees have a monetary value in and of themselves. The average base value of a tree in real estate:

| Diameter of trunk at 4.5 feet | Average base value |
|---|---|
| 10" | $ 1,729 |
| 14" | $ 3,388 |
| 26" | $11,682 |
| 30" | $15,554 |

Trees offer comfort:

A study conducted by Texas A&M University of patients in a Pennsylvania hospital showed views of trees reduced the amount of care patients required, reduced the amount

of pain medications required, and reduced hospital/convalescent stays (up to 8%). There has been an increased awareness in the restorative value of plants in hospitals, homes for the aged and senior centers. In such places, many "healing gardens" are being constructed for clients, staff, and visitors.

Trees are good for business:

- Trees promote retail sales: In a 1999 national survey conducted by social scientists at the University of Washington, cited by the DNR in their *TreeLink* newsletter, consumers rated tree lined areas:
    - 15% higher in amenity and comfort, interaction with merchants, quality of product, and maintenance and upkeep.
    - Customers were also willing to pay up to 12% higher for the same goods sold in stores on tree- lined streets.
    - People also linger, shop longer, and return more often to a tree-lined street.
- Corporate America is now including landscape considerations in its philosophy. When asked why they have emphasized landscaping, business owners cite the numerous positive aspects of trees and plants. Landscaping in the work environment:
    - Increases employee productivity, morale, and pride in workplace
    - Helps recruit new employees
    - Attracts customers or new business tenants
    - Can be used as an employee benefit
    - Has a role in creating a corporate image
    - Has value as a marketing tool.

Trees improve water quality:

Trees reduce the impact of rain, which results in less runoff and erosion. They use the rain, which results in less flow into our stormwater systems. There are statistically accurate models used across America today that show the width of planting strips adjacent to roads and the size of the trees have a measurable reduction in the size and expense of surface water management infrastructure.

Trees create an enjoyable environment:

- Trees soften and complement architectural lines and building detail by:
    - Screening objectionable views
    - Providing privacy control
    - Acting as space articulators
    - Gradual unfolding of view.
- Trees offer weather protection:
    - Wind control through deflection, obstruction, filtration or guidance
    - Sun control through radiation, filtration, obstruction, or radiant heat absorption in summer and allowing sunlight to strike buildings in winter

  - Precipitation and humidity moderation
  - Temperature moderation by changing ground and air temperatures
- Trees offer aesthetic benefits such as pleasant fragrances, and visual beauty through shapes, patterns, backgrounds, focal points, complementing or enhancing architecture, which can create a serene setting. They can create a buffer from the harshness of an urban landscape.

Trees can aid in traffic control:
Trees can be used to mark "gateways" into the city and identify entrances and exit areas of businesses, parks, and schools. They can be used to guide bicycles, vehicles, and pedestrians.

Trees have historical value:
Trees have been associated with historical events or are themselves historical due their size or age.

Trees pay their own way:
Trees more than pay for the cost of maintenance and care because they are on the job 24 hours a day, 365 days a year providing benefits. Trees are Nature's air conditioner, providing shade and a natural sunscreen for people and plants. This will become more valuable if global warming continues. Just how much is their unceasing effort worth? The American Forestry Association did a recent study and came up with the following figures indicating the dollar value of an urban tree with a fifty-year life span. A single tree would provide this much dollar-value benefit for one year:

| | |
|---|---|
| Air conditioning | $73 |
| Controlling erosion & stormwater | $75 |
| Wildlife shelter | $75 |
| Controlling air pollution | $50 |
| **Total** | **$273 per year** |

If you compounded this amount for fifty years at 5 percent, the grand total is **$57,151** of measurable benefit per tree.

This information was excerpted from:

- *The Guide for Plant Appraisal, 9th Edition*, by the Council of Tree and Landscape Appraisers, published by the International Society of Arboriculture Press, Savoy, IL, May 2000.
- *Tree Link*, Publication of the Washington State Department of Natural Resources.

## ATTACHMENT 6 - HABITAT TREE CREATION AND BENEFITS

There are occasions where hazardous trees need not be completely removed. Shortening is the preferred methods in these types of areas rather than complete removal. Standing dead trees, also known as *"vertical structure"* in forest ecology terms, provide important wildlife habitat. Recent studies at the University of Washington have shown that the third most significant reason for the decline of songbirds in the Puget Sound region is the lack of standing dead trees. (The primary reason for the decline of desirable wildlife is loss of habitat. The second reason is predation by dogs, cats, Grey Squirrels, and Opossums.)

These studies reveal that as many as 54% of desirable urban wildlife utilize standing dead trees or nurse logs on the ground in one or more important life cycle. For instance, Black Capped Chickadees must excavate a new cavity every spring in order to successfully mate and produce a brood of off spring.

The opportunity exists here to remove the dangerous portions of these trees and leave the snags for wildlife. You can also place trunk sections carefully on the ground as nurse logs. The logs, if in contact with the ground, soak up moisture and release it slowly throughout the summer. This supports plants and animals in the immediate area. Brush piles strategically place for birds and mammals to use as safe areas also have important wildlife benefits. These two measures have the added benefit of reducing the cost because a tree service does not need to do as much clean up or removal.

The tree service selected can spend a few extra minutes on the top of each snag to make the cut look like it was snapped off in the wind—jagged and irregular. This enhances the aesthetic appeal of the tree.

## ATTACHMENT 7 - REFERENCES

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