

LU 2021-023 SUB Cedar Creek Gardens

Week 1 Open Record Period

Through August 10, 2022 at 5pm

Exhibit A – Applicant Material

Exhibit A34 – Testimony from Applicant

Exhibit B – Public Agency Comments

Exhibit B10 – Washington County Memo

Exhibit C – Public Testimony

Exhibit C12 – Testimony from Madeline Robinette

Exhibit C13 – Testimony from Ian Frost

Exhibit C14 – Testimony from Arbor Lane HOA

Exhibit C15 – Testimony from Dave Sweeney

Exhibit C16 – Testimony from Madeline Robinette

Exhibit C17 – Testimony from Neil Shannon

Exhibit D – Additional Information

Exhibit D10 – Maintenance Access Road Detail (RD-64)

August 10, 2022

City of Sherwood Hearings Officer
C/- Eric Rutledge
Via email: RutledgeE@SherwoodOregon.gov

RE: Cedar Creek Gardens – First Open Record Period
City of Sherwood Casefile LU 2021-023 SUB
PDG Job No. 285-021

Dear Hearings Officer Turner,

This letter constitutes part of the Applicant's first open record response, and addresses public testimony received prior to and at the August 3, 2022, public hearing. It is timely submitted prior to the close of the first open record period at 5:00 PM on Wednesday, August 10, 2022.

Width of Northeastern Flagpole Portion of Tax Lot 3S1060000107

Testimony presented by others states that the north-south dimension of the northeastern flagpole portion of Tax Lot 3S1060000107 is 50 feet. The applicant has performed a survey of the site, in preparation to file a Record of Survey (RoS) with the Washington County Surveyors Office, and as part of the land division process. As shown on Sheet 1 of the preliminary RoS (Exhibit 1), the north-south width of the flagpole is 59.87 feet where it abuts SW Brookman Road. This distance is reported on the preliminary RoS as both the actual measured distance, and the distance noted on RoS 23,506 (Exhibit 2). RoS 23,506 was accepted for filing by the County Surveyor on 11/15/1989. As described in the survey narrative, *The purpose of this survey was to establish and monument the north and west lines of T.L. '107' Recorded as Fee No. 89-39880.* Since that time, the County Surveyor has also filed a RoS showing the flagpole portion where it abuts SW Brookman Road. When measured using the supplied scale, RoS 33,327 (Exhibit 3), prepared by County Surveyor Scott Young and recorded on April 27, 2018, shows the flagpole with a north-south width of approximately 60 feet. Accordingly, the width of the northeastern flagpole portion of Tax Lot 3S1060000107 has been formally documented by recorded surveys as 59.87 feet since at least November 1989 and up to April 2018 (approximately 29 years).

The exhibit referenced in testimony as showing a 50-foot width for the flagpole portion is Exhibit B of Metro proposal number: WA2917. Exhibit B, which was not part of a site survey or an accepted and recorded RoS, includes a reference to a bearing and distance of 50 feet in the vicinity of SW Brookman Road. Unlike RoS 23,506, the purpose of Exhibit B is not to provide a boundary for Tax Lot 107, but rather to establish a boundary for the annexation of property inside the corporate limits of the City of Sherwood. As

described by Ted Foster, Senior Cartographer, Washington County Assessment and Taxation, in an email dated October 13, 2021 (Exhibit 4) *...the second course of the description includes the point of call reference “to the easterly extension of the north line of Deed Book 1182 Page 951; thence along said easterly extension and the north line of said Deed....”. The reference to the point of call controls over the distance given. In this case due to the point of call, the entirety of tax lot 107 is within the districts.*

Based on the reference to the point of call, and as confirmed by RoS 23,506, 33,327, and the preliminary RoS prepared for the site, the width of tax Lot 107 abutting SW Brookman Road is 59.87 feet, the entirety of which is located within the boundaries of the City of Sherwood.

Tree Preservation and Removal

As discussed during the hearing by Todd Prager, RCA #597, ISA Board Certified Master Arborist, AICP, and in response to public testimony, the applicant has made a number of revisions to the Tree Plan (Exhibit 5) and Preliminary Site Plans (Exhibit 6). In particular the following trees are now marked for retention:

- 6602
- 6616
- 8339 (boundary tree)
- 6603
- 8252 (boundary tree)
- 8839

Revised Preliminary Site Plans show the trees for retention, and associated minor adjustments to the alignment of the driveway shared by Lots 40 and 41 in order to accommodate tree retention.

The revised Tree Plan also includes a response to the discussion relating to potential Cultural Tree Modifications. As described by Mr. Prager, *In my experience, this growth habit is naturally occurring and results from leader failures or defects as a result of storm events, wounding, or other factors. See page 2 of the Tree Plan for Cedar Creek Gardens*

The Tree Plan has also been revised to include additional details regarding tree protection methodologies to ensure the ongoing health of trees retained on site.

Tract I – Open Space and Trail Width

During the August 3rd hearing, it was identified that there was uncertainty around the width of the required trail easement and trail width for the Community Trail proposed within Tract I. Following the hearing, in an email dated August 4th, 2022 (Exhibit 7) City staff confirmed that *...the preferred design is a 12 ft. wide pavement section within a 20 ft. wide easement. As shown in the attachment, a public sanitary sewer line may be extended to serve the property to the south. New manhole(s) will likely be required along the line and the trail should serve as the maintenance road. As such, while the trail easement and width remain the same, the trail has been required to be moved further east in order to allow the City access for maintenance purposes.*

Within Tract I, the applicant had previously identified the removal of a dead tree (Tree # 6586) immediately adjacent to the west side of the proposed trail alignment, and the removal of a number of trees to the east of the trail to allow for grading for trail construction, utility installation (storm drainage, public water, and public sanitary sewer extension), and grading of Lot 41. As shown on the revised Preliminary Plans submitted as Exhibit 6, the relocation of the trail to the east has increased conflicts with trees east of the trail in Tract I. Further, as the trail will be required to be constructed to withstand the weight of maintenance vehicles and to accommodate a public sewer line and manholes, trees are less able to be retained in this area.

It is noted that the Brookman Addition Concept Plan identifies a portion of a Neighborhood Park conceptually located in the area of Tract I, and extending onto property to the south. As such, as part of the completeness review of the Preliminary Submittal, the City has required the applicant to provide a park and trail connecting to adjoining property and the Redfern neighborhood at this location. Tree removal within Tract I east of the trail, while opposed by the Arbor Lane Neighborhood Association, occurs primarily as a result of City requirements for the park, trail, public utility extensions as detailed in the Brookman Addition Concept Plan. Consistent with the stated Key Components of the Plan, the proposed development of Tract I adds to the extensive off-street trail system that provides walking loops, access to open spaces, connections to the Cedar Creek regional trail, and connectivity within and between neighborhoods.

Sincerely,
Pioneer Design Group, Inc.



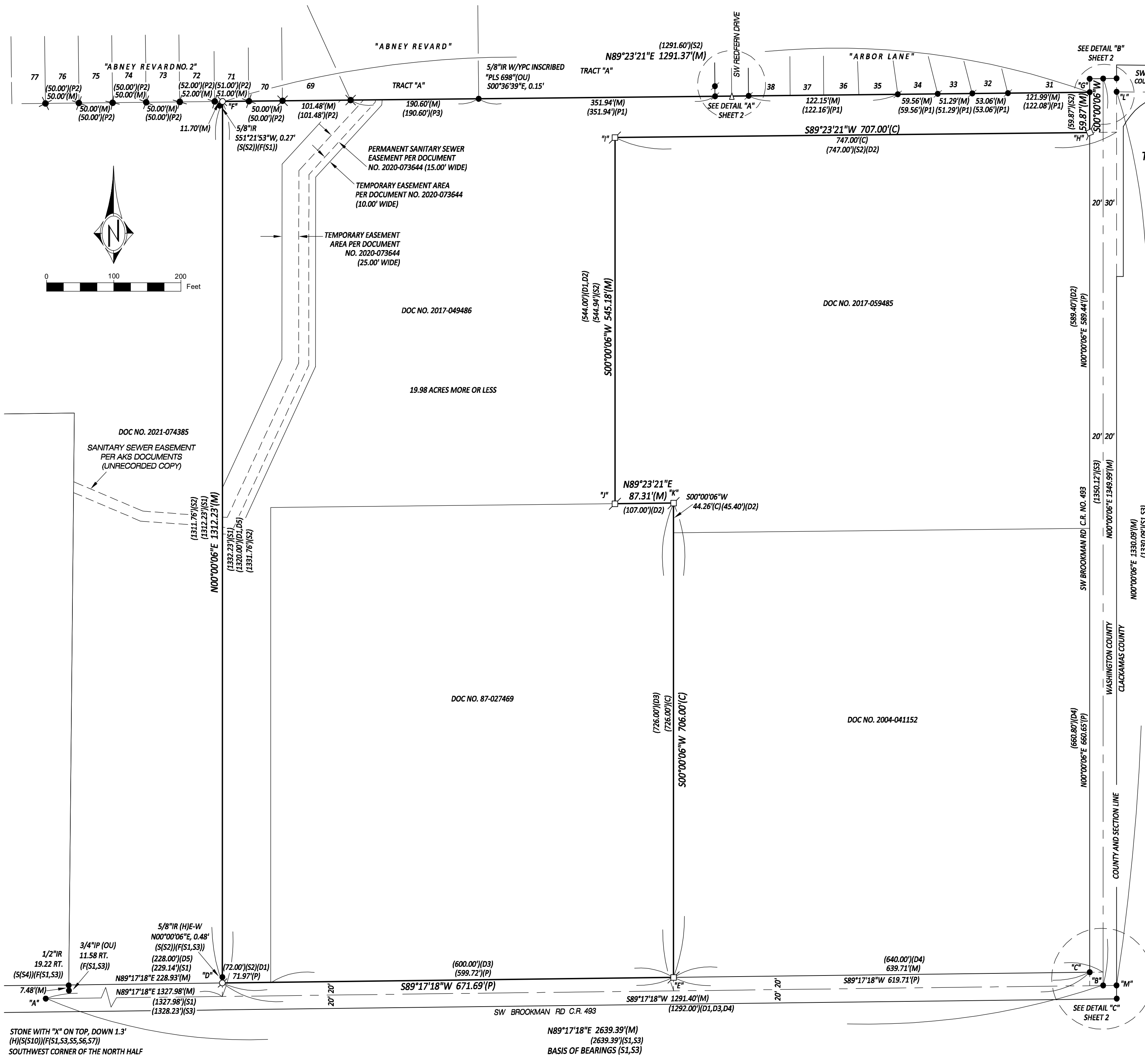
Wayne Hayson
Planning Manager

CC Westwood Homes (via email)
David Allen, Attorney at Law (via email)

Attachments

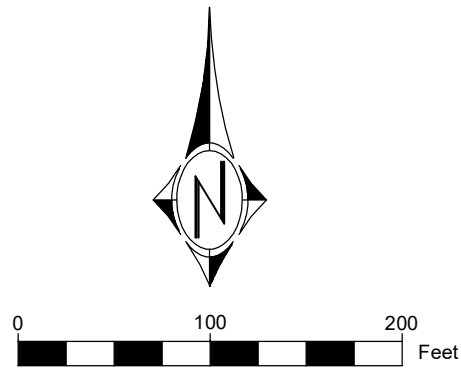
Exhibit 1 – Sheet 1, preliminary site Record of Survey
Exhibit 2 – Record of Survey 23,506
Exhibit 3 – Record of Survey 33327
Exhibit 4 – Email from Ted Foster, dated October 13, 2021
Exhibit 5 - Updated Tree Plan for Cedar Creek Gardens
Exhibit 6 – Updated Preliminary Plans for Cedar Creek Gardens
Exhibit 7 – Email from Eric Rutledge dated August 4th, 2022

WASHINGTON COUNTY SURVEYOR'S OFFICE
ACCEPTED FOR FILING



RECORD OF SURVEY

LOCATED IN THE NORTHEAST ONE-QUARTER OF SECTION 10,
TOWNSHIP 1 SOUTH, RANGE 1 WEST OF THE WILLAMETTE MERIDIAN,
WASHINGTON COUNTY, OREGON
PREPARED AT THE REQUEST OF WESTWOOD HOMES
DATE: JUNE 20, 2022
PIONEER DESIGN GROUP JOB NO. 285-021
SHEET 1 OF 2



- ### LEGEND
- FOUND MONUMENT AS NOTED
 - FOUND 5/8" IRON ROD W/YPC STAMPED "LAND DEV. CONSULTANTS" HELD OR AS NOTED (S(P1))
 - △ FOUND 5/8" IRON ROD WITH 1-1/2" ALUMINUM CAP STAMPED "LAND DEV. CONSULTANTS" HELD OR AS NOTED (S(P1))
 - ⊗ FOUND 5/8" IRON ROD W/OPC STAMPED "CONSULTING ENGINEERING SERVICES" HELD OR AS NOTED (S(P2))
 - ⊙ 5/8" IRON W/YPC STAMPED "PIONEER DESIGN" SET IN SN 33762 (S1)
 - SET 5/8" X 30" IRON ROD W/YPC STAMPED "PIONEER DESIGN" SET ON JUNE 27, 2022.
 - IR IRON ROD
 - IP IRON PIPE
 - W/YPC WITH YELLOW PLASTIC CAP
 - W/OPC WITH ORANGE PLASTIC CAP
 - SN SURVEY NUMBER, WASHINGTON COUNTY SURVEY RECORDS
 - (M) MEASURED
 - (H) HELD
 - (C) CALCULATED
 - (OU) ORIGIN UNKNOWN
 - (P) PROPORTION
 - (F)(I) FOUND BY REFERENCE
 - (S)(I) SET BY REFERENCE
 - "A" MONUMENT AND CORNER REFERENCE
 - E-W EAST-WEST
 - DOC NO. DOCUMENT NO.
 - C.R. COUNTY ROAD

WASHINGTON COUNTY RECORDS REFERENCED

PLAT RECORDS
PLATS: ARBOR LANE (P1), ABNEY REVAR D NO. 2 (P2), ABNEY REVAR D (P3)

SURVEY RECORDS
SURVEYS: SN 33762 (S1), SN 23506 (S2), SN 33327 (S3), SN 16296 (S4), SN 33735 (S5), SN 33843 (S6), SN 26048 (S7), SN 4002 (S8), USBT ENTRY 2002-002 (S9), SN 1561 (S10), SN 22875 (S11)

DEED RECORDS
DEEDS: DOC NO. 2017-049486 (D1), DOC NO. 2017-059485 (D2), DOC NO. 87027469 (D3), DOC NO. 2004-041152 (D4), DOC NO. 2021-074385 (D5)

REGISTERED PROFESSIONAL LAND SURVEYOR

OREGON
JULY 11, 2017
DONALD SCOTT SORENSON
60310

EXPIRES: 6-30-24

9020 SW WASHINGTON SQUARE RD
SUITE 170
PORTLAND, OREGON 97223
p 503.643.8286
www.pd-grp.com

STONE WITH "X" ON TOP, DOWN 1.3'
(H)(S1,10)(F(S1,S3,S5,S6,S7))
SOUTHWEST CORNER OF THE NORTH HALF

N89°17'18"E 2639.39'(M)
(2639.39')(S1,S3)
BASIS OF BEARINGS (S1,S3)

NARRATIVE

THE PURPOSE OF THIS SURVEY WAS TO ESTABLISH AND MONUMENT THE NORTH AND WEST LINES OF T.L. 107' RECORDED AS FEE NO. 89-39880.

MONUMENTS SHOWN AS FOUND WERE TIED FROM A RANDOM TRAVERSE ON APRIL 18 AND 25, 1989.

THE BOUNDARY WAS RESOLVED AS FOLLOWS:

THE SOUTH LINE WAS ESTABLISHED BY HOLDING THE STONES AS SHOWN.

THE NORTH LINE WAS ESTABLISHED BY HOLDING THE STONE AND THE 1 1/4" IRON PIPE AS SHOWN.

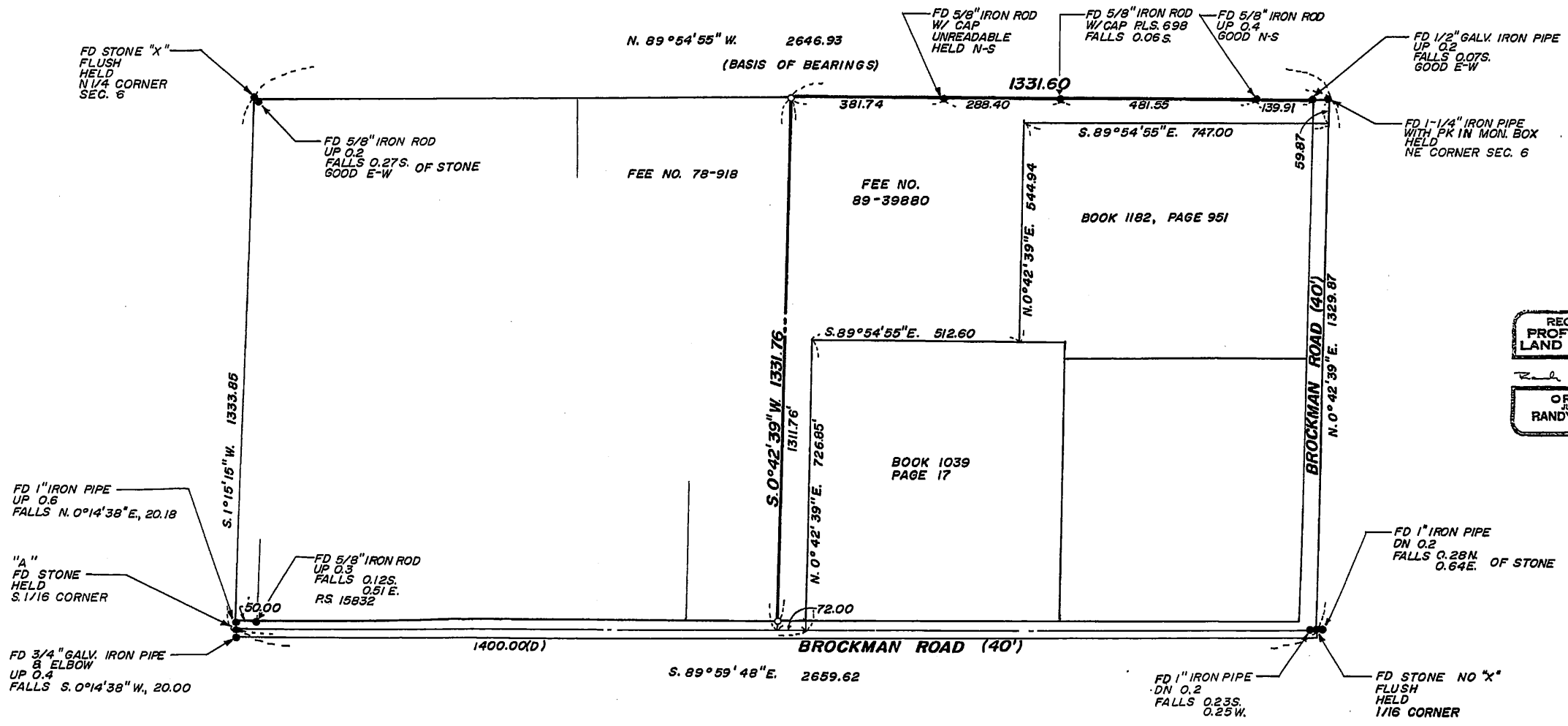
THE WEST LINE WAS ESTABLISHED BY HOLDING DEED DISTANCE FROM THE STONE LABELED "A" AND PARALLEL TO THE EAST LINE OF SECTION 6.

REFERENCE SURVEYS: 7341 15832 16296 19393 22875

LEGEND

- SET 5/8" X 30" IRON ROD WITH YELLOW PLASTIC CAP STAMPED "W.B. WELLS & ASSOC., INC."
- FOUND MONUMENT AS NOTED.
- (D) DENOTES DEED DATA.

6 - 3S1 - 46
23,506
B



REGISTERED PROFESSIONAL LAND SURVEYOR
Randy L. Rohner
OREGON JULY 15, 1984
RANDY L. ROHNER 2107

COUNTY SURVEYOR
RECEIVED 11-13-89
ACCEPTED FOR FILING
11-15-89

DESIGNED : N/A
RESOLVED : M.J.B.
DRAWN : M.J.B.
DATE : 10-25-89
SCALE : 1" = 200'
FILE NO. : 89-99
REVISED :

SITUATED IN THE NE 1/4 OF SECTION 6 T.3S., R.1W., W.M.
COUNTY OF WASHINGTON STATE OF OREGON
BASIS OF BEARINGS: CS 15832
BASIS OF DATUM: N/A

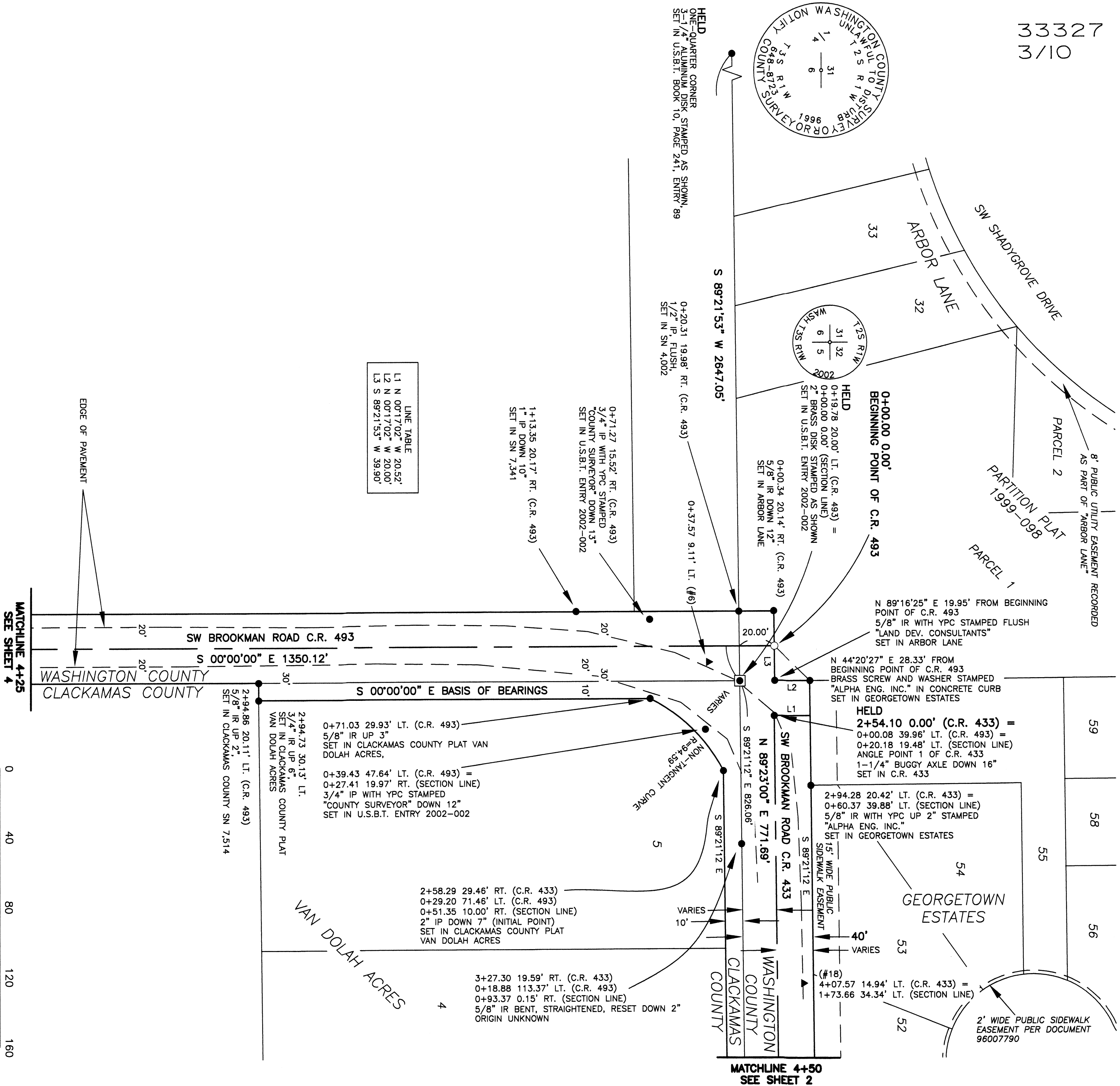
A RECORD OF SURVEY

W.B. WELLS
AND ASSOCIATES, INC.
ENGINEERS SURVEYORS
4230 NE FREMONT STREET, PORTLAND, OREGON 97218
(503) 284-1484

RECORD OF SURVEY FOR WASHINGTON COUNTY, OREGON

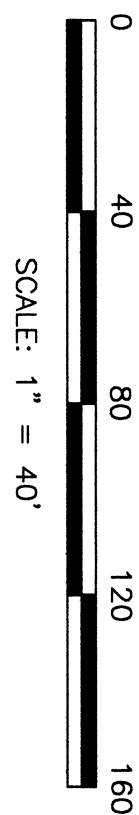
LOCATED IN THE SOUTHWEST ONE-QUARTER OF SECTION 32, T2S, R1W, THE SOUTHEAST ONE-QUARTER OF SECTION 31, T2S, R1W, THE NORTHWEST ONE-QUARTER OF SECTION 5, THE NORTHEAST AND NORTHWEST ONE-QUARTERS OF SECTION 6, T3S, R1W, AND THE NORTHEAST ONE-QUARTER OF SECTION 1, T3S, R2W, W.M., CLACKAMAS COUNTY AND WASHINGTON COUNTY, OREGON

33327
3/10



LINE TABLE

L1	N 00°17'02" W 20.52'
L2	N 00°17'02" W 20.00'
L3	S 89°21'53" W 39.90'



LEGEND

- SET 3/4" X 30" GALVANIZED IRON PIPE WITH YPC STAMPED "COUNTY SURVEYOR" UNLESS OTHERWISE NOTED
 - FOUND MONUMENT AS NOTED
 - ▲ SET 1/2" X 24" IR WITH RPC STAMPED "COUNTY TRAVERSE", UNLESS OTHERWISE NOTED
- | | |
|------|--------------------|
| SN | SURVEY NUMBER |
| IR | IRON ROD |
| IP | IRON PIPE |
| C.R. | COUNTY ROAD |
| YPC | YELLOW PLASTIC CAP |
| RPC | RED PLASTIC CAP |
| □ | MONUMENT BOX |

REGISTERED PROFESSIONAL LAND SURVEYOR

Scott M. Young

OREGON
JANUARY 14, 2003
SCOTT M. YOUNG
585586

RENEWS: 6/30/2018

CALCULATIONS	CM
DRAWN BY	CM
CHECKED BY	JK
CHECKED BY	SY
SCALE:	1" = 40'
DATE:	4-11-2018
SHEET:	3 OF 10

WASHINGTON COUNTY SURVEYOR
DEPARTMENT OF LAND USE AND TRANSPORTATION
155 NORTH FIRST AVENUE, SUITE 350
HILLSBORO, OREGON 97124
(503) 846-8723

MATCHLINE 4+25
SEE SHEET 4

MATCHLINE 4+50
SEE SHEET 2

Wayne Hayson

From: Ted Foster <Ted_Foster@co.washington.or.us>
Sent: Wednesday, October 13, 2021 4:28 PM
To: Joy Chang; Wayne Hayson
Cc: Erika Palmer; Bryan Robb
Subject: RE: [EXTERNAL] Brookman Road Annexation

Joy and Wayne, the second course of the description includes the point of call reference “to the easterly extension of the north line of Deed Book 1182 Page 951; thence along said easterly extension and the north line of said Deed....”. The reference to the point of call controls over the distance given. In this case due to the point of call, the entirety of taxlot 107 is within the districts. I expect your surveyor would agree with this interpretation. Thanks,

Ted Foster
 Senior Cartographer
 Washington County
 503-846-3924

From: Joy Chang <ChangJ@SherwoodOregon.gov>
Sent: Wednesday, October 13, 2021 3:55 PM
To: Ted Foster <Ted_Foster@co.washington.or.us>
Cc: Erika Palmer <PalmerE@SherwoodOregon.gov>; Bryan Robb <Bryan_Robb@co.washington.or.us>
Subject: FW: [EXTERNAL] Brookman Road Annexation

Ted,

Can you help us with the issue? I’m not sure what may have happened since the County would have certified the legal along with DOR and Metro.

Thanks for your help.

Joy L. Chang
 Senior Planner

DURING THIS TIME OF HEALTH EMERGENCY WE ARE ENCOURAGING THE USE OF EMAIL AND MAKING APPOINTMENTS WITH STAFF. THANK YOU FOR UNDERSTANDING

From: Bryan Robb <Bryan_Robb@co.washington.or.us>
Sent: Tuesday, October 12, 2021 10:12 AM
To: Wayne Hayson <whayson@pd-grp.com>
Cc: Joy Chang <ChangJ@SherwoodOregon.gov>
Subject: RE: [EXTERNAL] Brookman Road Annexation

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you are expecting this email and/or know the content is safe.

Hi Wayne – I’m copying Joy Chang from Sherwood.

This was a city annexation so I would not have the original state approvals. DOR usually goes over these for preliminary approval and they have the local jurisdiction make correction to them if they find any discrepancies or inaccuracies. It could be the case that Sherwood included an incorrect exhibit in the final packet but had a correct version on file.

Joy – are you able to assist on this? If you are not the right point of contact, could you please let me know who is?

Thank you,

Bryan Robb | Associate Planner

503-846-3717 direct | 503-846-4412 fax

Plan Responsibly. Build Safely. Live Well.

From: Wayne Hayson <whayson@pd-grp.com>

Sent: Monday, October 11, 2021 5:35 PM

To: Bryan Robb <Bryan_Robb@co.washington.or.us>

Subject: [EXTERNAL] Brookman Road Annexation

Hi Bryan,

It has been brought to our attention that when the Brookman Road area was annexed into the City of Sherwood, the survey included as Exhibit B of WA2917 <http://library.oregonmetro.gov/annexation/WA2917.pdf> (Sheet 3 of 6) appears to have incorrectly labelled the width of the narrow strip of Tax Lot 3S1060000107 as being 50 feet in width, when it should actually be approximately 60 feet in width. I have attached Survey No's 23506 and 33327, from before and after the annexation, showing the strip at approximately 60 feet. Our survey shows the strip as being 59.89 feet, which is within 0.02 feet of Survey 23506. Our surveyors believe that the call of 50' is not correct based on deed calls to adjoining and surveyed monuments. The remaining documents in the annexation all include the entire parcel, and for example the entire parcel now has City Zoning and has been withdrawn from County service districts. This one exhibit, however, has thrown some doubt on the status of the southern 10 feet.

Could you please confirm that the entire parcel is included in the annexation, or let me know what needs to be done to correct/verify the width.

Thanks

Wayne Hayson | PLANNING MANAGER | D 971.708.6274

PIONEER DESIGN GROUP, INC. CIVIL ENGINEERING | LAND USE PLANNING | LAND SURVEYING | LANDSCAPE ARCHITECTURE

OREGON: 9020 SW Washington Square Rd. Suite 170 Portland, OR 97223 P 503.643.8286 ext. 1019

HAWAII: PO Box 283304, Honolulu, HI 96828 P 808.753.2376

pd-grp.com

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Todd Prager & Associates LLC

MEMORANDUM

DATE: August 10, 2022
TO: Todd Boyce (Westwood Homes)
FROM: Todd Prager, RCA #597, ISA Board Certified Master Arborist, AICP
RE: Updated Tree Plan for Cedar Creek Gardens

Summary

This report includes updated tree removal and protection recommendations to meet the requirements in section 16.142.070 (Trees on Property Subject to Certain Land Use Applications) of the City of Sherwood Code for The Cedar Creek Gardens Subdivision.

The total canopy provided through the preservation of trees outside of environmentally constrained lands at the site will be 45.91 percent. The minimum canopy requirement for residential development is 40 percent. Therefore, no additional trees are required to be planted to meet the minimum tree canopy requirements.

Background

Westwood Homes is proposing to subdivide the subject property at 16871 and 17033 SW Brookman Road in Sherwood and develop 41 new lots with single family homes. Existing trees are present on the property in the area of the proposed development. The updated proposed site plan with grading, streets, pathways, and lots in relation to the existing trees is provided in Attachment 1.

The assignment requested of our firm for this project was to:

- Assess the existing trees at the project site;
- Identify the trees to be removed and retained based on construction impacts;
- Provide tree protection recommendations for the trees to be retained; and
- Provide recommendations for meeting the tree canopy requirements in section 16.142.070 of the City of Sherwood Code.

This report has been updated from my May 17, 2022 report based on the revised site plans and input from the August 3, 2022 public hearing for this project.

Tree Assessment

In August and September 2021 our firm completed the inventory of existing trees at the project site.

The complete inventory data for each tree is provided in Attachment 2 and includes the tree number, common name, scientific name, trunk diameter (DBH), crown radius, crown area (canopy), health condition, structural condition, pertinent comments, whether the tree is offsite, treatment recommendations (remove or retain), and whether the tree is a retained tree that is outside environmentally constrained lands.

The tree numbers in the inventory in Attachment 2 correspond to the tree numbers on the proposed site plan in Attachment 1.

Note that a public comment provided at the August 3, 2022 public hearing for this project included an observation that western red cedars (*Thuja plicata*) at the site reminded the commenter of culturally modified trees by indigenous people. The specific tree numbers were not identified, but photos were provided that appeared to be codominant or multiple leaders located near the tops of the photographed trees. In my experience, this growth habit is naturally occurring and results from leader failures or defects as a result of storm events, wounding, or other factors. When a terminal bud is removed from the top of a growing tree, two or more buds often grow below the break resulting in a growth form of codominant or multiple leaders as shown in the photographs.

Tree Removal and Retention

The standard tree protection requirement in the City of Sherwood Code is to limit construction activities within the driplines of the trees to be retained unless otherwise approved by the project arborist. A typical alternative minimum recommended root protection zone is to limit construction disturbances to no closer than a radius from a tree of .5 feet per inch of trunk diameter (DBH) if no more than 25 percent of the root protection zone area (estimated at one foot radius per inch of DBH) is impacted. Figure 1 illustrates this concept. This tree protection zone is widely accepted in the Willamette Valley to provide adequate tree protection. This standard may need to be adjusted on a case-by-case basis due to tree health, species, root distribution, whether the tree will be impacted on multiple sides, and other factors.

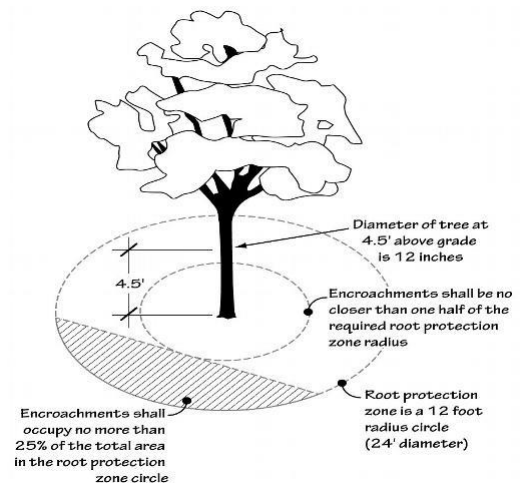


Figure 1: Typical minimum protection zone

In several cases, there were large high value trees closer to construction impacts than the typical minimum construction setback illustrated in Figure 1. These trees are

noted in Attachment 1 and recommended for retention, if possible, in coordination with the project arborist. Published research indicates a minimum root removal setback of three times (3x) the DBH¹ will be adequate when impacts are limited to one side of a tree. However, a minimum setback of .5 feet per inch of DBH is more typical² and is utilized by our firm to factor in a margin of safety for adequate protection. In no cases are recommended root removal impacts closer than 3x DBH for the subject trees that may be retained. These trees should be evaluated in the field during construction with a final recommendation for preservation or removal by the project arborist.

Using the criteria described above and the locations of the trees relative to grading, paving, construction, and other site improvements, 698 trees are recommended for removal and 881 trees are recommended for retention.³

Tree protection recommendations for the trees to be retained are provided in the next section of this report.

Tree Protection Recommendations

The standard tree protection requirement in section 16.142.070.G of the City of Sherwood Code is to limit construction activities within the driplines of the trees to be retained unless otherwise approved by the project arborist. A typical alternative minimum recommended root protection zone is to limit construction disturbances to no closer than a radius from a tree of .5 feet per inch of trunk diameter (DBH) if no more than 25 percent of the critical root protection zone area (estimated at one foot radius per inch of DBH) is impacted. Figure 1 illustrates this concept. This standard may need to be adjusted on a case-by-case basis due to tree health, species, root distribution, whether the tree will be impacted on multiple sides, and other factors.

The root protection zone radii of 1 foot per inch of DBH and typical minimum construction setback radii of .5 feet per inch of DBH are shown on the site plan in Attachment 1 for the trees adjacent to proposed construction. The trees to be retained can be protected by placing tree protection fencing at or beyond their typical minimum protection zones wherever possible as shown in Attachment 1. No grading, stockpiling, storage, disposal, or any other construction related activity shall occur in the tree protection zones unless specifically reviewed and approved by the project arborist.

In several cases, there were large high value trees closer to construction impacts than the typical minimum construction setback illustrated in Figure 1. These trees are noted in Attachment 1 and recommended for retention, if possible, in coordination

¹ Smiley, E.T., B.R. Fraedrich, and N. Hendrickson. 2002. *Tree Risk Management*. Charlotte, N.C: Bartlett Tree Research Laboratories.

² Costello, L.R., and K.S. Jones. 2003. *Reducing Infrastructure Damage by Tree Roots: A Compendium of Strategies*. Cohasset, CA: Western Chapter of the International Society of Arboriculture.

³ Twenty-four of the trees (trees 6510, 6511, 6512, 7772, 8589, 8590, 8868, 11285, 11287, 11605, 11606, 11607, 11609, 11610, 11611, 11612, 11627, 11628, 11629, 11630, 12042, 16995, 18864, and 18897) recommended for removal appear to be offsite. Permission of the adjacent property owner is typically required for the removal of property line or offsite trees.

with the project arborist. Their extreme minimum construction setback radii of 3x of their DBHs are shown in red in Attachment 1. These trees should be evaluated in the field during construction with a final recommendation for preservation or removal by the project arborist. City of Sherwood approval will be required prior to any tree removal. Replacement of tree canopy for removed trees may be required.

The following additional tree protection measures shall apply to the trees to be retained:

- *Tree Protection Fencing:* Tree protection fencing shall be placed in the locations shown in Attachment 1. Any work within the tree protection zones shall be under the onsite supervision of the project arborist.
- *Directional Felling:* Fell the trees to be removed away from the trees to be retained so they do not contact or otherwise damage the trunks or branches of the trees to be retained. No vehicles or heavy equipment shall be permitted within the tree protection zones during tree removal operations.
- *Periodic Risk Assessments:* New forest edges will be created at the site with the removal of existing trees for development. This will increase the windthrow risk of exposed trees along the new edges. I recommend that the project arborist conduct a tree risk assessment immediately following site clearing to identify trees that pose significant risks. For trees that pose significant risks, mitigation strategies for retaining them such as pruning or snag creation should be explored as recommended by the project arborist. Any recommended tree removal or snag creation will require the review and approval of the City of Sherwood. Risk assessments should be conducted periodically throughout construction to document whether trees are adapting to the new edge conditions and risks are mitigated appropriately with City approval. Trees along the new edges that have been identified as in good health condition and good to fair structural condition will be at a lower risk of windthrow if well protected during construction.
- *Snag Creation:* Some of the trees to be removed from the environmentally constrained areas may be converted into wildlife snags. Snag creation work should be completed by hand without the use of heavy equipment in the tree protection zone. Do not contact the branches or trunks of the adjacent trees during snag creation. Reduce heights to less than the distances to the proposed streets, buildings, or other high value targets to reduce risk of impact.
- *Stump Removal:* Flush cut and retain stumps or carefully grind stumps of trees to be removed from within the tree protection zones. Do not pull stumps with a machine.
- *Pavement Grades Within Typical Minimum Tree Protection Setback Radii:* New pavement grades need to be carefully considered and designed so that no cut is required within the typical minimum tree protection setback radii of .5 feet per inch of DBH and no more than 4-inches of fill is required. Trees requiring special consideration for adjacent paving are noted in Attachment 1.
- *Utility Construction in Tree Protection Zones:* Proposed utilities including storm and water lines are shown within the tree protection zones of retained trees in Tract I and tree 8339. These utilities will either need to be shifted to outside the tree protection zones, bored at a depth of five feet or greater

underneath the tree protection zones, and/or excavated using pneumatic excavation under arborist supervision and installed underneath woody structural roots as directed by the project arborist.

- *Protect Tree Crowns:* Care will need to be taken to not contact or otherwise damage the crowns of the trees that may extend into the construction area. Any necessary pruning of trees for construction clearance shall be the minimum amount necessary to achieve the required clearance as directed by the project arborist. All pruning shall be consistent with ANSI A300 pruning standards.
- *Erosion Control:* Any required sediment fencing shall be routed outside the tree protection zones to protect the root systems of the trees to be retained. If erosion control is required within the tree protection zones, straw wattles shall be used if approved by the City of Sherwood.

Additional tree protection recommendations that are consistent with section 16.142.070.G for the trees to be retained are provided in Attachment 3.

Tree Canopy Requirements

Section 16.142.070.D of the City of Sherwood Code requires residential development to achieve a minimum total tree canopy of 40 percent. Trees that are retained receive credit for double their existing canopy area, and trees that are planted receive credit for the expected mature canopy area as determined by a certified arborist. Street trees are eligible for full canopy credit even though they are planted in the public right of way.

Note that the 40 percent canopy requirement applies to the net buildable area of the site which excludes public rights of way, parks, and environmentally constrained lands. Only those trees that are retained within the net buildable areas are eligible for canopy credit. The net buildable area of the site is 291,266 square feet or 6.69 acres.

Retained Trees

Eighty-six trees will be retained outside of environmentally constrained lands. Their combined canopy area is 66,857 square feet. Since retained trees receive double canopy credit, the credit from preservation is 133,714 square feet. This represents 45.91 percent of the net buildable area.

Planted Trees

No additional trees are required to be planted to meet the minimum tree canopy requirements for the site since over 40 percent canopy will be provided through preservation.

Conclusion

The total canopy provided through the preservation of trees outside of environmentally constrained lands at the site will be 45.91 percent. The minimum canopy requirement for residential development is 40 percent. Therefore, no additional trees are required to be planted to meet the minimum tree canopy requirements.

The trees to be retained will be protected by adhering to the recommendations in this report. Any change to the tree protection plan should be approved by the project arborist to ensure that the trees to be retained are adequately protected.

Please contact me if you have questions, concerns, or need any additional information.

Sincerely,

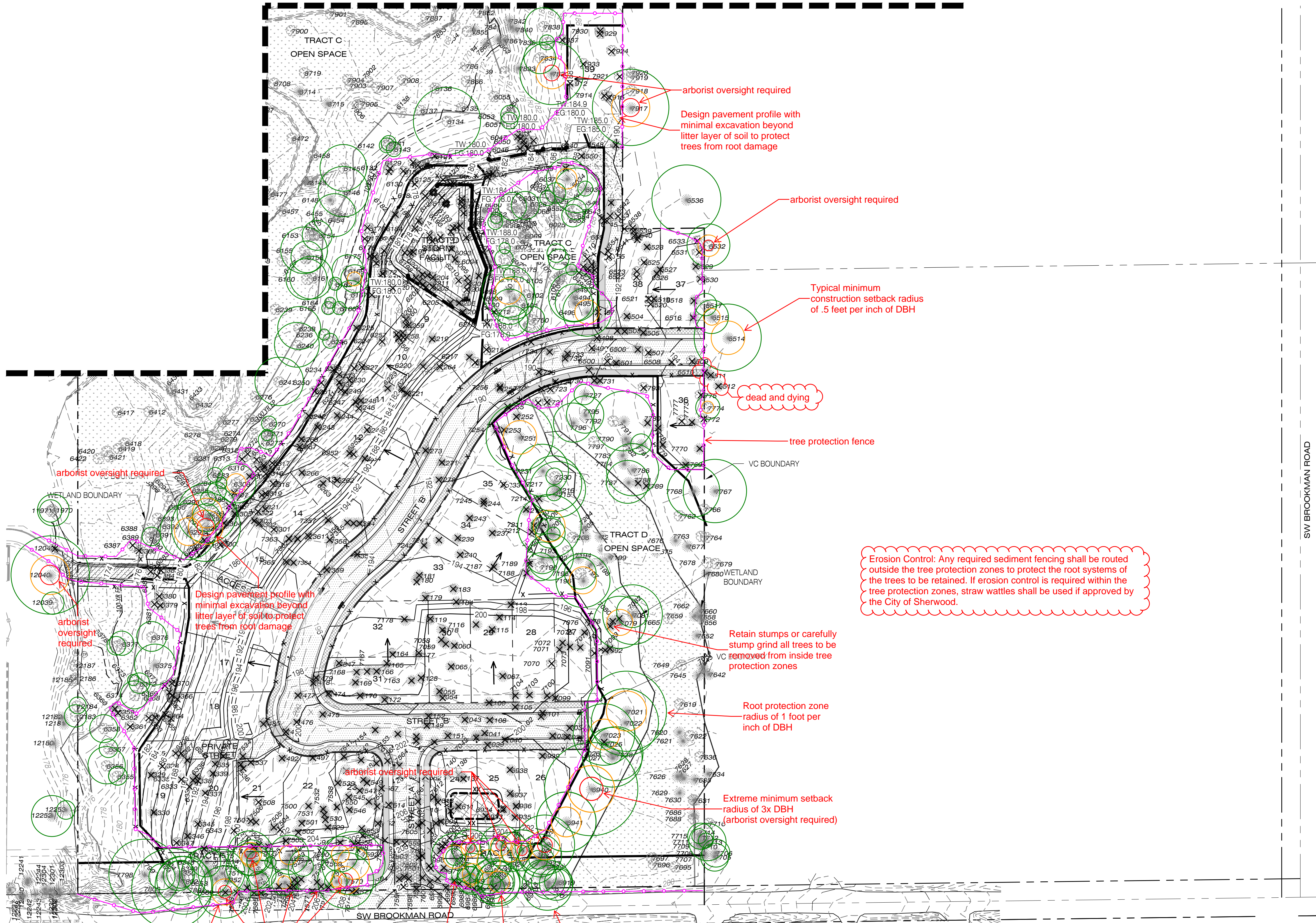


Todd Prager

*ASCA Registered Consulting Arborist #597
ISA Board Certified Master Arborist, WE-6723B
ISA Qualified Tree Risk Assessor
AICP, American Planning Association*

Attachments: Attachment 1 - Site Plan with Trees
Attachment 2 - Tree Inventory
Attachment 3 - Tree Protection Recommendations
Attachment 4 - Assumptions and Limiting Conditions

MATCHLINE - SEE SHEET P4.1



LEGEND

- 171 --- EXISTING 1' CONTOUR
- 175 --- EXISTING 5' CONTOUR
- 171 — PROPOSED 1' CONTOUR
- 175 — PROPOSED 5' CONTOUR
- x — x — PROPOSED EROSION CONTROL FENCING
- █ PROPOSED CONCRETE RETAINING WALL
- ← PROPOSED FLOW LINE
- ▨ FLOOD PLAIN CUT/FILL
- ▩ PROPOSED CONSTRUCTION ENTRANCE
- XX XX PROPOSED STOCKPILE LOCATION
- TW:170.8
FG:168.7 PROPOSED WALL HEIGHT
- ▤ TYPE 4 INLET PROTECTION

CUT / FILL FLOOD PLAIN

PROPOSED CUT = 157 CY
 PROPOSED FILL = 152 CY
 NET CUT / FILL = 5 CY CUT

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**PRELIMINARY GRADING AND
 EROSION CONTROL PLAN (SOUTH)**

CEDAR CREEK GARDENS
 CITY OF SHERWOOD, OREGON

Designed by	Date	Reviewed by	Date	Project No.	Horiz. Scale:	Vert. Scale:
MLS	08/2021	CFS	08/2021	285-021		28521_P4_Dgrad.dwg
MLS	08/2021	MLS	08/2021			

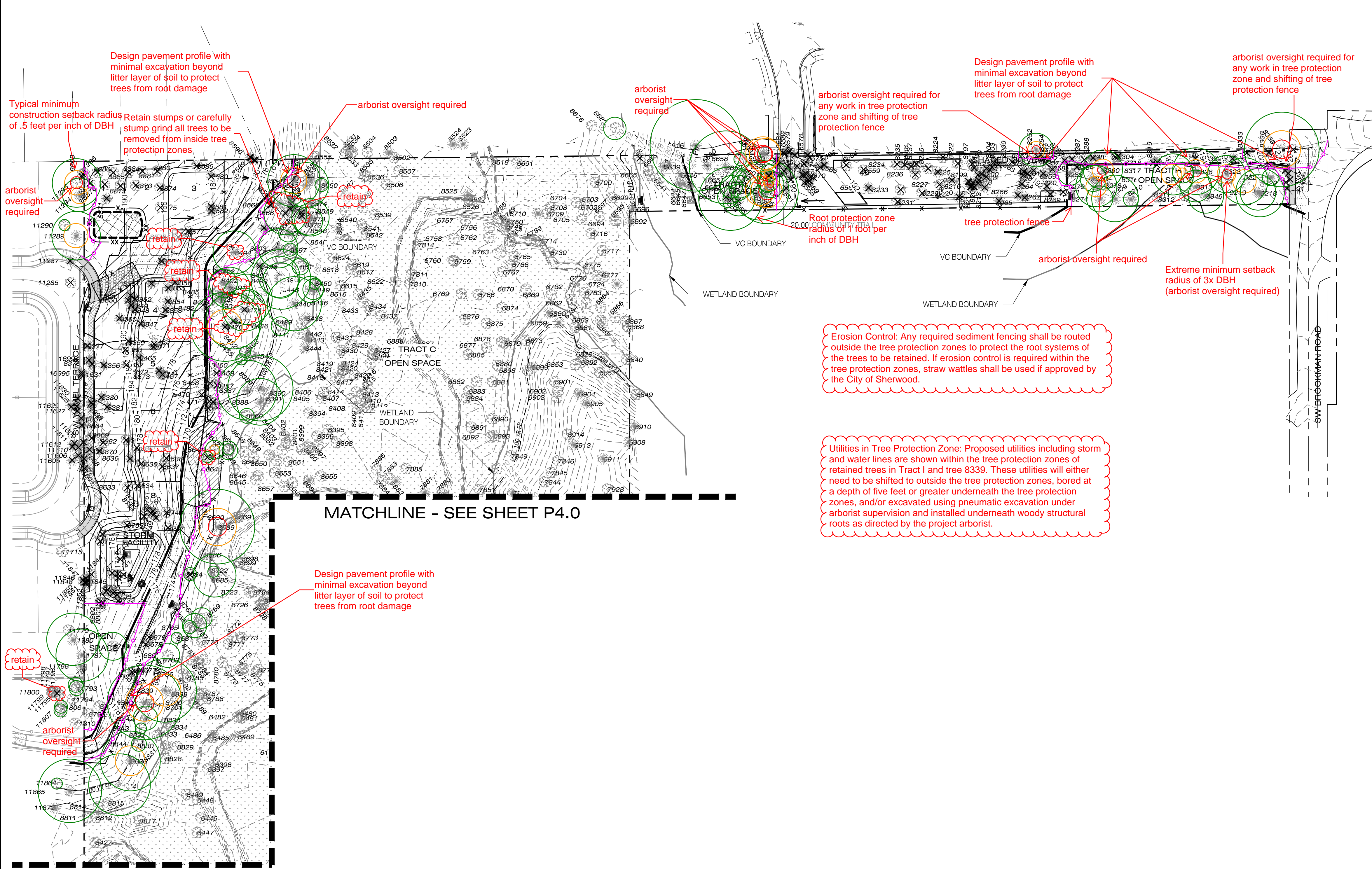
No.	Date	Revision

Project
 CEDAR CREEK GARDENS
 No.
 285-021
 Type
 PLANNING
 Sheet

Attachment 1



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LEGEND

- 171 --- EXISTING 1' CONTOUR
- 175 --- EXISTING 5' CONTOUR
- 171 — PROPOSED 1' CONTOUR
- 175 — PROPOSED 5' CONTOUR
- x - x - PROPOSED EROSION CONTROL FENCING
- █ PROPOSED CONCRETE RETAINING WALL
- ← PROPOSED FLOW LINE
- ▨ FLOOD PLAIN CUT/FILL
- ▩ PROPOSED CONSTRUCTION ENTRANCE
- XX XX PROPOSED STOCKPILE LOCATION
- TW:170.8 FG:168.7 PROPOSED WALL HEIGHT
- ▧ TYPE 4 INLET PROTECTION

CUT / FILL FLOOD PLAIN

PROPOSED CUT = 157 CY
 PROPOSED FILL = 152 CY
 NET CUT / FILL = 5 CY CUT

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PRELIMINARY GRADING AND EROSION CONTROL PLAN (NORTH)
 CEDAR CREEK GARDENS
 CITY OF SHERWOOD, OREGON

Designed by	Date	Reviewed by	Date	Project No.	REF.
MLS	08/2021	CFS	08/2021	285-021	
Drawn by		Reviewed by		Horiz. Scale:	
				Vert. Scale:	

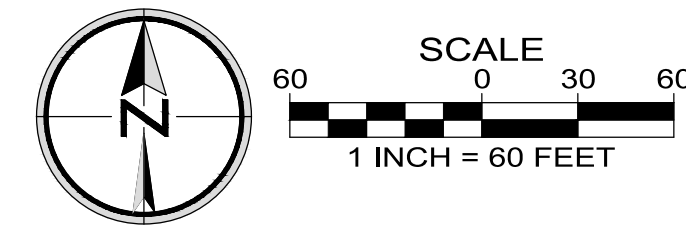
No.	Date	Revision

Project: CEDAR CREEK GARDENS
 No.: 285-021
 Type: PLANNING
 Sheet: **P4.1**

Erosion Control: Any required sediment fencing shall be routed outside the tree protection zones to protect the root systems of the trees to be retained. If erosion control is required within the tree protection zones, straw wattles shall be used if approved by the City of Sherwood.

Utilities in Tree Protection Zone: Proposed utilities including storm and water lines are shown within the tree protection zones of retained trees in Tract I and tree 8339. These utilities will either need to be shifted to outside the tree protection zones, bored at a depth of five feet or greater underneath the tree protection zones, and/or excavated using pneumatic excavation under arborist supervision and installed underneath woody structural roots as directed by the project arborist.

Attachment 1



Attachment 2

Tree No.	Svy. Descript.	Common Name	Scientific name	DBH ¹	Converted to Single Stem DBH	C-Rad ²	Canopy Area (sq. ft.)	Condition ³	Structure ³	Comments	Offsite	Treatment	Retained, Onsite, & Outside Env. Constrained Lands
6000	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	19	19	0	0	Dead	Dead			remove	
6003	DE-22	red alder	<i>Alnus rubra</i>	20	20	20	1256	Good	Good			remove	
6004	DE-12	red alder	<i>Alnus rubra</i>	13	13	6	113	Fair	Fair			remove	
6005	DE-14	red alder	<i>Alnus rubra</i>	14	14	15	707	Fair	Fair			remove	
6025	DE-12	red alder	<i>Alnus rubra</i>	14	14	10	314	Good	Fair	Sweeping trunk.		retain	
6028	DE-12	red alder	<i>Alnus rubra</i>	11	11	8	201	Good	Good			retain	
6029	DE-10	red alder	<i>Alnus rubra</i>	11	11	6	113	Good	Good			retain	
6030	DE-8	red alder	<i>Alnus rubra</i>	8	8	6	113	Fair	Good	Dieback.		retain	
6031	DE-12	red alder	<i>Alnus rubra</i>	10	10	8	201	Good	Good			retain	
6032	DE-12	red alder	<i>Alnus rubra</i>	11	11	10	314	Good	Good			retain	
6033	DE-14	red alder	<i>Alnus rubra</i>	13	13	12	452	Good	Good			retain	
6034	DE-12X4	red alder	<i>Alnus rubra</i>	11,12,11,13	24	18	1017	Good	Good			retain	
6035	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	8	8	8	201	Good	Fair	Suppressed.		retain	
6037	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	22	22	20	1256	Good	Good			retain	
6039	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	34	34	25	1963	Good	Fair	Sweeping trunk, unbalanced.		remove	
6040	DE-16	cottonwood	<i>Populus trichocarpa</i>	17	17	15	707	Good	Good			remove	
6043	DE-14	red alder	<i>Alnus rubra</i>	15	15	12	452	Good	Good			remove	
6044	DE-14	red alder	<i>Alnus rubra</i>	14	14	12	452	Good	Fair	High crown, trunk decay.		remove	
6045	DE-10	red alder	<i>Alnus rubra</i>	10	10	10	314	Good	Good			remove	
6046	DE-12	red alder	<i>Alnus rubra</i>	16	16	15	707	Poor	Poor	Dead top.		remove	
6047	DE-12-10	red alder	<i>Alnus rubra</i>	10,9	13	10	314	Good	Good	Fused codominant leaders.		remove	
6048	DE-8	red alder	<i>Alnus rubra</i>	8	8	10	314	Good	Good			remove	
6049	DE-6	red alder	<i>Alnus rubra</i>	6	6	5	79	Good	Poor	Severe lean.		remove	
6050	DE-12	red alder	<i>Alnus rubra</i>	12	12	10	314	Good	Good			remove	
6051	DE-10	red alder	<i>Alnus rubra</i>	9	9	10	314	Good	Good			retain	
6052	DE-10	red alder	<i>Alnus rubra</i>	10	10	5	79	Fair	Good	Thin, dieback.		retain	
6053	DE-12	red alder	<i>Alnus rubra</i>	10	10	0	0	Dead	Dead			retain	
6054	DE-10X2	red alder	<i>Alnus rubra</i>	10,9	13	8	201	Good	Good			retain	
6055	DE-18-12	red alder	<i>Alnus rubra</i>	11	11	10	314	Very poor	Very poor	19° dead codominant.		retain	
6060	DE-12	red alder	<i>Alnus rubra</i>	15	15	10	314	Good	Fair	Codominant leaders.		retain	
6061	DE-14	red alder	<i>Alnus rubra</i>	13	13	12	452	Good	Good			retain	
6062	DE-14	red alder	<i>Alnus rubra</i>	12	12	15	707	Good	Good			retain	
6063	DE-14	red alder	<i>Alnus rubra</i>	14	14	10	314	Good	Good			retain	
6064	DE-14	red alder	<i>Alnus rubra</i>	14	14	0	0	Dead	Dead			retain	
6065	DE-14	red alder	<i>Alnus rubra</i>	15	15	10	314	Good	Good			retain	
6066	DE-8	red alder	<i>Alnus rubra</i>	8	8	0	0	Dead	Dead			retain	
6067	DE-6	red alder	<i>Alnus rubra</i>	7	7	6	113	Fair	Fair			retain	
6068	DE-12	red alder	<i>Alnus rubra</i>	11	11	8	201	Fair	Fair	Thin, high crown.		retain	
6069	DE-12	red alder	<i>Alnus rubra</i>	12	12	8	201	Fair	Fair	Thin, high crown.		retain	
6070	DE-10	red alder	<i>Alnus rubra</i>	10	10	8	201	Fair	Fair	Thin, high crown.		retain	
6071	DE-8	red alder	<i>Alnus rubra</i>	9	9	10	314	Good	Good			retain	
6072	DE-6	red alder	<i>Alnus rubra</i>	7	7	5	79	Fair	Fair	Thin, high crown.		retain	
6075	DE-6	red alder	<i>Alnus rubra</i>	7	7	0	0	Dead	Dead			retain	
6076	DE-8	red alder	<i>Alnus rubra</i>	8	8	12	452	Good	Good			remove	
6077	DE-6	red alder	<i>Alnus rubra</i>	6	6	0	0	Dead	Dead			remove	
6078	DE-6	red alder	<i>Alnus rubra</i>	10	10	12	452	Fair	Fair	High crown, thin dieback.		remove	
6079	DE-10	red alder	<i>Alnus rubra</i>	11	11	10	314	Good	Fair	High crown.		retain	
6080	DE-6	red alder	<i>Alnus rubra</i>	6	6	0	0	Dead	Dead			retain	
6081	DE-8	red alder	<i>Alnus rubra</i>	8	8	6	113	Fair	Fair	High crown, thin dieback.		retain	
6082	DE-6	red alder	<i>Alnus rubra</i>	7	7	6	113	Fair	Fair	High crown, thin dieback.		retain	
6083	DE-8	red alder	<i>Alnus rubra</i>	7	7	6	113	Good	Fair	High crown.		retain	
6084	DE-8	red alder	<i>Alnus rubra</i>	7	7	6	113	Fair	Good	Thin, dieback.		retain	
6085	DE-6	red alder	<i>Alnus rubra</i>	6	6	5	79	Fair	Fair	Thin, suppressed.		retain	
6086	DE-8	red alder	<i>Alnus rubra</i>	8	8	5	79	Good	Good			retain	
6087	DE-8	red alder	<i>Alnus rubra</i>	8	8	0	0	Dead	Dead			remove	
6088	DE-10	red alder	<i>Alnus rubra</i>	8	8	0	0	Dead	Dead			remove	
6089	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	33	33	25	1963	Good	Good			remove	
6090	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	36	36	30	2826	Good	Good			remove	
6093	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	33	33	20	1256	Good	Good			remove	
6094	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	33	33	20	1256	Good	Good			remove	
6095	EV-10	red alder	<i>Alnus rubra</i>	8	8	6	113	Good	Good	Deciduous.		remove	

Attachment 2

Tree No.	Svy. Descript.	Common Name	Scientific name	DBH ¹	Converted to Single Stem DBH	C-Rad ²	Canopy Area (sq. ft.)	Condition ³	Structure ³	Comments	Offsite	Treatment	Retained, Onsite, & Outside Env. Constrained Lands
6096	DE-8	red alder	<i>Alnus rubra</i>	8	8	0	0	Dead	Dead			retain	
6098	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	28	28	25	1963	Good	Fair	Crooked trunk.		retain	
6099	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	23	23	15	707	Good	Good			retain	
6100	DE-18	cherry	<i>Prunus avium</i>	19	19	30	2826	Good	Good			retain	
6101	DE-14	cherry	<i>Prunus avium</i>	14	14	8	201	Good	Good			retain	
6102	DE-16-14	cherry	<i>Prunus avium</i>	24	24	15	707	Good	Fair	Fused codominant leaders.		retain	
6105	DE-12	red alder	<i>Alnus rubra</i>	11	11	0	0	Dead	Dead			retain	
6106	DE-6	red alder	<i>Alnus rubra</i>	7	7	4	50	Good	Good			retain	
6107	DE-8	red alder	<i>Alnus rubra</i>	8	8	6	113	Good	Good			retain	
6108	DE-12	red alder	<i>Alnus rubra</i>	11	11	15	707	Good	Good			retain	
6109	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	11	11	0	0	Dead	Dead			retain	
6110	DE-12X2	red alder	<i>Alnus rubra</i>	12,14	18	18	1017	Good	Fair	Codominant leaders.		retain	
6112	DE-10	red alder	<i>Alnus rubra</i>	11	11	10	314	Good	Good			retain	
6113	DE-10	red alder	<i>Alnus rubra</i>	10	10	10	314	Good	Good			retain	
6117	DE-10	red alder	<i>Alnus rubra</i>	9	9	12	452	Fair	Fair			remove	
6118	DE-12	red alder	<i>Alnus rubra</i>	10	10	8	201	Fair	Fair			remove	
6119	DE-6	red alder	<i>Alnus rubra</i>	7	7	0	0	Dead	Dead			remove	
6120	DE-12	red alder	<i>Alnus rubra</i>	10	10	15	707	Fair	Fair			remove	
6122	DE-8	red alder	<i>Alnus rubra</i>	9	9	5	79	Good	Fair	No top.		remove	
6123	DE-8	cherry	<i>Prunus avium</i>	8	8	15	707	Good	Good			remove	
6124	DE-14X2	red alder	<i>Alnus rubra</i>	13,14	19	12	452	Good	Fair			remove	
6125	DE-14	red alder	<i>Alnus rubra</i>	12	12	10	314	Good	Good			remove	
6127	DE-12	cherry	<i>Prunus avium</i>	10	10	12	452	Good	Good			remove	
6128	DE-18	cherry	<i>Prunus avium</i>	19	19	20	1256	Good	Good			remove	
6129	DE-10	red alder	<i>Alnus rubra</i>	11	11	0	0	Dead	Dead			remove	
6130	DE-32	cottonwood	<i>Populus trichocarpa</i>	33	33	30	2826	Good	Good			remove	
6131	DE-5X7	English holly	<i>Ilex aquifolium</i>	Avg.7	16	30	2826	Good	Fair			remove	
6132	DE-14	red alder	<i>Alnus rubra</i>	13	13	0	0	Dead	Dead			remove	
6133	DE-12X2	red alder	<i>Alnus rubra</i>	10,10	14	0	0	Dead	Dead			remove	
6134	DE-26	Oregon ash	<i>Fraxinus latifolia</i>	36	36	35	3847	Good	Fair	Fused codominant leaders.		retain	
6135	DE-10	red alder	<i>Alnus rubra</i>	7,12	14	0	0	Dead	Dead			retain	
6136	DE-18	Oregon ash	<i>Fraxinus latifolia</i>	21	21	25	1963	Good	Good			retain	
6137	DE-14	Oregon ash	<i>Fraxinus latifolia</i>	15	15	15	707	Fair	Fair			retain	
6138	DE-20X2	Oregon ash	<i>Fraxinus latifolia</i>	20,20	28	25	1963	Fair	Fair			retain	
6141	DE-8	red alder	<i>Alnus rubra</i>	8	8	8	201	Fair	Good	Dieback.		retain	
6142	DE-8	red alder	<i>Alnus rubra</i>	8	8	0	0	Dead	Dead			retain	
6143	DE-8	red alder	<i>Alnus rubra</i>	8	8	8	201	Fair	Fair	Dieback.		retain	
6145	DE-12X4	Oregon ash	<i>Fraxinus latifolia</i>	12,13,12,13	25	25	1963	Good	Poor	Stem cavity.		retain	
6146	DE-30	Oregon ash	<i>Fraxinus latifolia</i>	27	27	25	1963	Good	Good			retain	
6148	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	27	27	0	0	Dead	Dead			retain	
6149	EV-34	Oregon ash	<i>Fraxinus latifolia</i>	45	45	30	2826	Good	Fair	Wrong icon, large dead.		retain	
6151	DE-18	Oregon ash	<i>Fraxinus latifolia</i>	21	21	20	1256	Fair	Fair			retain	
6152	DE-18	Oregon ash	<i>Fraxinus latifolia</i>	21	21	20	1256	Fair	Poor	Trunk cavity.		retain	
6153	DE-18	Oregon ash	<i>Fraxinus latifolia</i>	20	20	15	707	Very poor	Poor	Lean.		retain	
6154	DE-16	Oregon ash	<i>Fraxinus latifolia</i>	16	16	15	707	Fair	Very poor	trunk decay		retain	
6155	DE-18	Oregon ash	<i>Fraxinus latifolia</i>	25	25	20	1256	Good	Poor	Trunk cavity.		retain	
6156	DE-16	Oregon ash	<i>Fraxinus latifolia</i>	17	17	15	707	Good	Good			retain	
6157	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	10	10	15	707	Good	Good			retain	
6158	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	9	9	12	452	Good	Good			retain	
6160	DE-10X4	Oregon ash	<i>Fraxinus latifolia</i>	Avg. 11	22	15	707	Fair	Fair			retain	
6161	DE-12X3	Oregon ash	<i>Fraxinus latifolia</i>	Avg. 13	23	25	1963	Good	Poor	Basal decay.		retain	
6162	DE-6	red alder	<i>Alnus rubra</i>	7	7	8	201	Good	Fair	High crown.		retain	
6164	DE-6	red alder	<i>Alnus rubra</i>	6	6	6	113	Good	Good			retain	
6165	DE-6	red alder	<i>Alnus rubra</i>	7	7	6	113	Good	Good			retain	
6166	DE-8	red alder	<i>Alnus rubra</i>	7	7	6	113	Good	Good			retain	
6167	DE-16	red alder	<i>Alnus rubra</i>	15	15	12	452	Good	Good			retain	
6168	EV-14	yew	<i>Taxus brevifolia</i>	15	15	15	707	Fair	Fair	Suppressed . trunk cavity		retain	
6169	DE-16	red alder	<i>Alnus rubra</i>	17	17	15	707	Good	Good			retain	
6170	EV-40	western redcedar	<i>Thuja plicata</i>	46	46	25	1963	Good	Fair	Codominant leaders.		remove	
6171	DE-12	red alder	<i>Alnus rubra</i>	11	11	10	314	Good	Good			remove	

Attachment 2

Tree No.	Svy. Descript.	Common Name	Scientific name	DBH ¹	Converted to Single Stem DBH	C-Rad ²	Canopy Area (sq. ft.)	Condition ³	Structure ³	Comments	Offsite	Treatment	Retained, Onsite, & Outside Env. Constrained Lands
6172	DE-10	red alder	<i>Alnus rubra</i>	10	10	8	201	Good	Good			remove	
6173	DE-12	red alder	<i>Alnus rubra</i>	13	13	10	314	Good	Good			remove	
6174	DE-10	red alder	<i>Alnus rubra</i>	8	8	5	79	Fair	Fair	Declining.		remove	
6175	DE-14	red alder	<i>Alnus rubra</i>	14	14	0	0	Dead	Dead			remove	
6176	DE-10	red alder	<i>Alnus rubra</i>	15	15	15	707	Good	Fair			remove	
6178	DE-8	red alder	<i>Alnus rubra</i>	9	9	0	0	Dead	Dead			remove	
6179	DE-10	red alder	<i>Alnus rubra</i>	7	7	0	0	Dead	Dead			remove	
6182	EV-38	Douglas fir	<i>Pseudotsuga menziesii</i>	38	38	30	2826	Good	Fair	Crooked, failed and regrew codominant.		remove	
6183	DE-10	red alder	<i>Alnus rubra</i>	10	10	6	113	Fair	Good	Dieback.		remove	
6184	DE-10	red alder	<i>Alnus rubra</i>	9	9	10	314	Fair	Good	Dieback.		remove	
6186	DE-12X2	red alder	<i>Alnus rubra</i>	12,12	17	0	0	Dead	Dead			remove	
6187	DE-10	red alder	<i>Alnus rubra</i>	10	10	15	707	Fair	Fair	Dieback.		remove	
6188	DE-12	red alder	<i>Alnus rubra</i>	10	10	6	113	Good	Good			remove	
6189	DE-8	red alder	<i>Alnus rubra</i>	8	8	6	113	Fair	Good	Dieback.		remove	
6190	DE-12	red alder	<i>Alnus rubra</i>	11	11	6	113	Fair	Good	Dieback.		remove	
6191	DE-6	red alder	<i>Alnus rubra</i>	7	7	5	79	Good	Fair	High crown, lean.		remove	
6192	DE-8	red alder	<i>Alnus rubra</i>	9	9	8	201	Good	Fair	High crown.		remove	
6193	DE-8	red alder	<i>Alnus rubra</i>	7	7	5	79	Good	Good			remove	
6194	DE-10	red alder	<i>Alnus rubra</i>	10	10	10	314	Fair	Fair	Declining.		remove	
6195	DE-12	red alder	<i>Alnus rubra</i>	13	13	10	314	Fair	Fair	Declining.		remove	
6196	DE-12-10	red alder	<i>Alnus rubra</i>	10,11	15	10	314	Fair	Fair	Declining.		remove	
6197	EV-12	yew	<i>Taxus brevifolia</i>	13	13	20	1256	Good	Good			remove	
6198	EV-12	red alder	<i>Alnus rubra</i>	12	12	0	0	Dead	Dead			remove	
6199	EV-12	red alder	<i>Alnus rubra</i>	15	15	5	79	Poor	Poor	Declining.		remove	
6200	EV-10	red alder	<i>Alnus rubra</i>	11	11	5	79	Poor	Fair	Declining.		remove	
6201	EV-14	red alder	<i>Alnus rubra</i>	14	14	0	0	Dead	Dead			remove	
6202	DE-10	red alder	<i>Alnus rubra</i>	10	10	0	0	Dead	Dead			remove	
6203	DE-6	red alder	<i>Alnus rubra</i>	16	16	0	0	Dead	Dead			remove	
6204	DE-8	red alder	<i>Alnus rubra</i>	8	8	0	0	Dead	Dead			remove	
6205	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	21	21	15	707	Good	Fair	Sweeping trunk.		remove	
6206	EV-22	western redcedar	<i>Thuja plicata</i>	24	24	10	314	Good	Good	Roots above ground.		remove	
6207	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	28	28	12	452	Good	Good			remove	
6208	DE-8	red alder	<i>Alnus rubra</i>	7	7	10	314	Good	Good			remove	
6209	DE-8	red alder	<i>Alnus rubra</i>	8	8	6	113	Good	Good			remove	
6210	DE-8	red alder	<i>Alnus rubra</i>	7	7	5	79	Good	Good			remove	
6211	DE-8	red alder	<i>Alnus rubra</i>	8	8	5	79	Good	Good			remove	
6212	DE-16	red alder	<i>Alnus rubra</i>	19	19	0	0	Dead	Dead			remove	
6213	DE-10	red alder	<i>Alnus rubra</i>	10	10	10	314	Fair	Fair			remove	
6214	DE-16	red alder	<i>Alnus rubra</i>	16	16	15	707	Fair	Fair			retain	
6215	DE-8	casacara	<i>Rhamnus purshiana</i>	8	8	10	314	Fair	Fair	Broken and dead branches.		remove	
6216	DE-20	red alder	<i>Alnus rubra</i>	21	21	35	3847	Good	Good			remove	
6217	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	29	29	25	1963	Good	Good			remove	
6219	EV-32	Douglas fir	<i>Pseudotsuga menziesii</i>	38	38	36	4069	Good	Good			remove	
6220	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	35	35	25	1963	Good	Good			remove	
6221	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	22	22	25	1963	Good	Good			remove	
6222	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	39	39	25	1963	Good	Good			remove	
6223	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	25	1963	Good	Good			remove	
6224	DE-12	red alder	<i>Alnus rubra</i>	13	13	0	0	Dead	Dead			remove	
6225	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	31	31	30	2826	Good	Good			remove	
6227	DE-18	red alder	<i>Alnus rubra</i>	18	18	12	452	Fair	Good	Thin.		remove	
6228	DE-8	cherry	<i>Prunus avium</i>	6	6	12	452	Good	Good			remove	
6230	DE-8	red alder	<i>Alnus rubra</i>	6	6	0	0	Dead	Dead			remove	
6231	DE-6	red alder	<i>Alnus rubra</i>	6	6	0	0	Very poor	Very poor	Lost top.		remove	
6232	DE-8	red alder	<i>Alnus rubra</i>	6	6	0	0	Very poor	Very poor	Lost top.		remove	
6233	DE-8	red alder	<i>Alnus rubra</i>	7	7	4	50	Poor	Very poor	Lost top.		remove	
6234	DE-8	red alder	<i>Alnus rubra</i>	7	7	4	50	Poor	Very poor	Lost top.		remove	
6235	DE-8	red alder	<i>Alnus rubra</i>	8	8	6	113	Fair	Good	In decline.		retain	
6236	DE-6	cherry	<i>Prunus avium</i>	6	6	10	314	Good	Good			retain	
6238	DE-18	Oregon ash	<i>Fraxinus latifolia</i>	23	23	25	1963	Good	Good			retain	
6239	DE-14-12-8-8	Oregon ash	<i>Fraxinus latifolia</i>	21, 9, 10, 15	29	20	1256	Good	Fair			retain	

Attachment 2

Tree No.	Svy. Descript.	Common Name	Scientific name	DBH ¹	Converted to Single Stem DBH	C-Rad ²	Canopy Area (sq. ft.)	Condition ³	Structure ³	Comments	Offsite	Treatment	Retained, Onsite, & Outside Env. Constrained Lands
6240	DE-24	Oregon ash	<i>Fraxinus latifolia</i>	24	24	25	1963	Good	Good			retain	
6241	DE-24-12	Oregon ash	<i>Fraxinus latifolia</i>	24.9	26	30	2826	Good	Good			retain	
6242	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	25	1963	Good	Fair	Unbalanced.		remove	
6243	EV-32	Douglas fir	<i>Pseudotsuga menziesii</i>	36	36	25	1963	Good	Good			remove	
6244	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	33	33	20	1256	Good	Fair	High crown.		remove	
6245	DE-6	red alder	<i>Alnus rubra</i>	6	6	0	0	Dead	Dead			remove	
6246	DE-10-12	red alder	<i>Alnus rubra</i>	14	14	0	0	Poor	Poor	Dead top.		remove	
6247	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	0	0	Dead	Dead			remove	
6248	EV-10	Douglas fir	<i>Pseudotsuga menziesii</i>	8	8	8	201	Fair	Fair	Suppressed.		remove	
6249	DE-6	red alder	<i>Alnus rubra</i>	6	6	8	201	Good	Good			remove	
6250	DE-8	red alder	<i>Alnus rubra</i>	8	8	0	0	Dead	Dead			remove	
6251	DE-8	red alder	<i>Alnus rubra</i>	8	8	10	314	Fair	Fair			remove	
6252	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	19	19	15	707	Good	Fair	Unbalanced, suppressed.		remove	
6253	DE-8	dogwood	<i>Cornus nuttallii</i>	9	9	15	707	Good	Good			remove	
6254	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	34	34	25	1963	Good	Good			remove	
6256	DE-12	red alder	<i>Alnus rubra</i>	13	13	6	113	Fair	Good	Thin.		remove	
6257	DE-12	red alder	<i>Alnus rubra</i>	11	11	6	113	Fair	Good	Thin.		remove	
6258	DE-8	red alder	<i>Alnus rubra</i>	7	7	6	113	Fair	Good	Thin.		remove	
6259	DE-8	red alder	<i>Alnus rubra</i>	9	9	0	0	Dead	Dead			remove	
6260	DE-8	red alder	<i>Alnus rubra</i>	10	10	0	0	Dead	Dead			remove	
6261	DE-10	red alder	<i>Alnus rubra</i>	11	11	0	0	Dead	Dead			remove	
6262	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	25	1963	Good	Good			remove	
6263	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	15	15	15	707	Good	Good			remove	
6266	EV-36	Douglas fir	<i>Pseudotsuga menziesii</i>	38	38	28	2462	Good	Good	Exaggerated buttress swell.		remove	
6267	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	15	707	Good	Fair	Unbalanced.		remove	
6268	EV-36	Douglas fir	<i>Pseudotsuga menziesii</i>	37	37	25	1963	Good	Good			remove	
6270	DE-8	red alder	<i>Alnus rubra</i>	8	8	8	201	Fair	Fair			retain	
6271	DE-6	red alder	<i>Alnus rubra</i>	6	6	6	113	Fair	Fair			retain	
6272	DE-5	red alder	<i>Alnus rubra</i>	5	5	6	113	Fair	Fair			retain	
6273	DE-10	red alder	<i>Alnus rubra</i>	10	10	6	113	Fair	Fair			retain	
6274	DE-10	red alder	<i>Alnus rubra</i>	10	10	8	201	Fair	Fair			retain	
6275	DE-10	red alder	<i>Alnus rubra</i>	10	10	6	113	Fair	Fair			retain	
6276	DE-8	willow	<i>Salix sp.</i>	8	8	15	707	Good	Fair	Lean.		retain	
6277	DE-20-8	Oregon ash	<i>Fraxinus latifolia</i>	20.7	21	15	707	Fair	Fair	Broken leaders, codominant.		retain	
6278	DE-20	Oregon ash	<i>Fraxinus latifolia</i>	19	19	20	1256	Good	Fair			retain	
6279	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	9	9	5	79	Fair	Fair	Bent.		retain	
6280	DE-12X2	Oregon ash	<i>Fraxinus latifolia</i>	13, 11	17	15	707	Good	Good			retain	
6281	DE-14-14-10-8	Oregon ash	<i>Fraxinus latifolia</i>	14, 14, 10, 10, 11	27	25	1963	Good	Fair	Multiple leaders.		retain	
6283	DE-8	red alder	<i>Alnus rubra</i>	8	8	6	113	Good	Fair			retain	
6284	DE-8	red alder	<i>Alnus rubra</i>	6	6	6	113	Good	Fair			retain	
6285	DE-10	red alder	<i>Alnus rubra</i>	10	10	8	201	Poor	Fair	Suppressed.		retain	
6286	DE-10	red alder	<i>Alnus rubra</i>	10	10	8	201	Poor	Fair	Suppressed.		retain	
6287	DE-6	red alder	<i>Alnus rubra</i>	6	6	6	113	Poor	Fair	Suppressed.		retain	
6288	DE-8	red alder	<i>Alnus rubra</i>	8	8	8	201	Poor	Fair	Suppressed.		retain	
6289	EV-34	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	30	2826	Good	Good			retain	
6290	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	15	15	13	531	Good	Fair	Unbalanced, suppressed.		retain	
6291	EV-16	yew	<i>Taxus brevifolia</i>	16	16	15	707	Good	Fair	Codominant, inclusion.		retain	
6292	EV-24	grand fir	<i>Abies grandis</i>	30	30	20	1256	Good	Good			retain	
6293	DE-6	red alder	<i>Alnus rubra</i>	6	6	6	113	Fair	Fair			retain	
6294	DE-8	red alder	<i>Alnus rubra</i>	8	8	6	113	Fair	Fair			retain	
6295	DE-10	willow	<i>Salix sp.</i>	10	10	10	314	Good	Good	Multistem.		retain	
6296	DE-8	red alder	<i>Alnus rubra</i>	8	8	10	314	Fair	Fair			retain	
6297	EV-36	Douglas fir	<i>Pseudotsuga menziesii</i>	37	37	30	2826	Good	Good			retain	
6298	EV-38	Douglas fir	<i>Pseudotsuga menziesii</i>	38	38	36	4069	Good	Fair	Trunk sweep.		remove	
6299	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	30	2826	Good	Fair	Crooked trunk.		remove	
6300	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	8	8	13	531	Good	Fair			remove	
6301	DE-12	dogwood	<i>Cornus nuttallii</i>	12	12	20	1256	Good	Good			remove	
6302	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	18	1017	Good	Good			remove	
6303	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	9	9	10	314	Poor	Good	Suppressed.		remove	
6304	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	8	8	12	452	Good	Fair	Suppressed.		remove	

Attachment 2

Tree No.	Svy. Descript.	Common Name	Scientific name	DBH ¹	Converted to Single Stem DBH	C-Rad ²	Canopy Area (sq. ft.)	Condition ³	Structure ³	Comments	Offsite	Treatment	Retained, Onsite, & Outside Env. Constrained Lands
6305	EV-10	Douglas fir	<i>Pseudotsuga menziesii</i>	9	9	12	452	Good	Fair	Suppressed, unbalanced.		remove	
6306	DE-12	red alder	<i>Alnus rubra</i>	12	12	10	314	Good	Good			remove	
6307	DE-20	willow	<i>Salix sp.</i>	20	20	0	0	Dead	Dead			remove	
6308	DE-20	bigleaf maple	<i>Acer macrophyllum</i>	21	21	25	1963	Good	Good			retain	
6309	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	22	22	20	1256	Fair	Fair			remove	
6310	DE-8	red alder	<i>Alnus rubra</i>	8	8	5	79	Fair	Fair			remove	
6311	DE-10	red alder	<i>Alnus rubra</i>	10	10	5	79	Fair	Fair			remove	
6312	DE-8	red alder	<i>Alnus rubra</i>	8	8	0	0	Dead	Dead			remove	
6313	DE-10	red alder	<i>Alnus rubra</i>	10	10	5	79	Fair	Fair			remove	
6314	DE-8	red alder	<i>Alnus rubra</i>	8	8	5	79	Fair	Fair			remove	
6315	DE-8	red alder	<i>Alnus rubra</i>	8	8	5	79	Fair	Fair			remove	
6316	DE-8	red alder	<i>Alnus rubra</i>	8	8	5	79	Fair	Fair			remove	
6317	DE-10	red alder	<i>Alnus rubra</i>	10	10	5	79	Fair	Fair			remove	
6318	DE-12	red alder	<i>Alnus rubra</i>	12	12	5	79	Good	Fair			remove	
6319	DE-12	red alder	<i>Alnus rubra</i>	11	11	5	79	Good	Fair			remove	
6320	DE-8	red alder	<i>Alnus rubra</i>	9	9	5	79	Good	Fair			remove	
6321	DE-12	red alder	<i>Alnus rubra</i>	11	11	15	707	Good	Good			remove	
6322	DE-12	red alder	<i>Alnus rubra</i>	12	12	15	707	Good	Good			remove	
6325	DE-8	red alder	<i>Alnus rubra</i>	8	8	6	113	Good	Good			remove	
6326	DE-14	red alder	<i>Alnus rubra</i>	14	14	15	707	Good	Fair	No top.		remove	
6327	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	17	17	12	452	Good	Good			remove	
6328	DE-14	red alder	<i>Alnus rubra</i>	15	15	8	201	Good	Poor	Declining.		remove	
6329	EV-32	Douglas fir	<i>Pseudotsuga menziesii</i>	29	29	18	1017	Good	Good			remove	
6330	EV-28	western hemlock	<i>Tsuga heterophylla</i>	32	32	18	1017	Good	Fair	Sweeping trunk, oddities.		remove	
6333	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	15	707	Good	Fair	Unbalanced, suppressed.		remove	
6334	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	16	16	8	201	Good	Good			remove	
6335	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	18	1017	Good	Poor	Red ring rot.		remove	
6336	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	22	22	15	707	Good	Fair			remove	
6337	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	24	24	20	1256	Good	Fair			remove	
6338	DE-6	Vine maple	<i>Acer circinatum</i>	6	6	18	1017	Good	Good			remove	
6339	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	18	1017	Good	Good			remove	
6340	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	25	1963	Good	Good			remove	
6341	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	15	15	10	314	Fair	Poor	Trunk oddities , sweeping.		remove	
6343	DE-16	red alder	<i>Alnus rubra</i>	16	16	0	0	Dead	Dead			remove	
6344	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	29	29	15	707	Good	Good			remove	
6345	DE-18	willow	<i>Salix sp.</i>	18	18	18	1017	Fair	Poor	Multiple cavities.		remove	
6346	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	15	707	Good	Good			remove	
6347	DE-18	red alder	<i>Alnus rubra</i>	18	18	0	0	Dead	Dead			remove	
6348	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	16	16	12	452	Fair	Fair	Suppressed, high crown.		retain	x
6349	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	15	15	8	201	Fair	Good	Thin.		retain	x
6350	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	12	452	Good	Good			retain	x
6351	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	18	1017	Good	Good			retain	x
6352	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	12	12	15	707	Fair	Poor	Crooked trunk.		retain	x
6353	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	16	16	10	314	Fair	Fair			retain	x
6355	DE-8	willow	<i>Salix sp.</i>	10	10	10	314	Good	Fair	Multistem, deadwood.		retain	
6356	DE-20	red alder	<i>Alnus rubra</i>	20	20	18	1017	Fair	Fair			retain	
6357	DE-10	cherry	<i>Prunus avium</i>	10	10	10	314	Good	Good			retain	
6358	DE-14	Oregon ash	<i>Fraxinus latifolia</i>	15	15	15	707	Good	Good			retain	
6359	DE-10	red alder	<i>Alnus rubra</i>	12	12	0	0	Dead	Dead			remove	
6360	DE-12	red alder	<i>Alnus rubra</i>	12	12	0	0	Dead	Dead			retain	
6361	DE-18	red alder	<i>Alnus rubra</i>	19	19	12	452	Fair	Poor	Declining.		remove	
6362	DE-14-12	red alder	<i>Alnus rubra</i>	14,12	18	0	0	Dead	Dead			remove	
6363	DE-10	yew	<i>Taxus brevifolia</i>	10	10	15	707	Very poor	Very poor	Lost top, dying.		remove	
6364	DE-6	red alder	<i>Alnus rubra</i>	6	6	0	0	Dead	Dead			remove	
6365	DE-12X2	red alder	<i>Alnus rubra</i>	12,12	17	10	314	Fair	Fair	North leader dead.		remove	
6366	DE-10	red alder	<i>Alnus rubra</i>	10	10	6	113	Fair	Fair	Dying, thin.		remove	
6367	DE-6	red alder	<i>Alnus rubra</i>	8	8	6	113	Fair	Fair	Dying, thin.		remove	
6368	DE-6	red alder	<i>Alnus rubra</i>	7	7	0	0	Dead	Dead			remove	
6369	DE-10	red alder	<i>Alnus rubra</i>	7	7	0	0	Dead	Dead			remove	
6370	DE-12-6	red alder	<i>Alnus rubra</i>	12,7	14	18	1017	Fair	Poor	Codominant, thin, missing bark.		remove	

Attachment 2

Tree No.	Svy. Descript.	Common Name	Scientific name	DBH ¹	Converted to Single Stem DBH	C-Rad ²	Canopy Area (sq. ft.)	Condition ³	Structure ³	Comments	Offsite	Treatment	Retained, Onsite, & Outside Env. Constrained Lands
6371	DE-12	red alder	<i>Alnus rubra</i>	12	12	6	113	Poor	Poor	Dead top.		retain	
6372	DE-14	red alder	<i>Alnus rubra</i>	11	11	0	0	Dead	Dead			retain	
6373	DE-6	red alder	<i>Alnus rubra</i>	6	6	5	79	Fair	Fair	Lean.		retain	
6374	DE-16	red alder	<i>Alnus rubra</i>	15	15	14	615	Good	Good			retain	
6375	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	22	22	18	1017	Good	Good			retain	
6376	DE-16	red alder	<i>Alnus rubra</i>	16	16	18	1017	Fair	Good	Thin top.		retain	
6377	DE-12-8	red alder	<i>Alnus rubra</i>	11.6	13	15	707	Fair	Good			retain	
6378	DE-12	red alder	<i>Alnus rubra</i>	10	10	13	531	Good	Good			retain	
6379	DE-12	red alder	<i>Alnus rubra</i>	13	13	15	707	Good	Good			remove	
6380	DE-12	red alder	<i>Alnus rubra</i>	12	12	10	314	Fair	Poor	Extreme phototropism.		remove	
6381	DE-10	red alder	<i>Alnus rubra</i>	10	10	12	452	Fair	Fair			remove	
6382	DE-10	red alder	<i>Alnus rubra</i>	10	10	12	452	Fair	Fair			remove	
6383	DE-10	red alder	<i>Alnus rubra</i>	10	10	12	452	Fair	Fair			remove	
6384	DE-10	red alder	<i>Alnus rubra</i>	10	10	12	452	Fair	Fair			remove	
6385	DE-10	red alder	<i>Alnus rubra</i>	10	10	12	452	Fair	Fair			remove	
6386	DE-14	red alder	<i>Alnus rubra</i>	14	14	12	452	Fair	Fair			remove	
6387	DE-8	red alder	<i>Alnus rubra</i>	8	8	12	452	Fair	Fair			remove	
6388	DE-8	red alder	<i>Alnus rubra</i>	8	8	6	113	Fair	Fair			retain	
6389	DE-8	red alder	<i>Alnus rubra</i>	8	8	6	113	Fair	Fair			retain	
6390	DE-10	red alder	<i>Alnus rubra</i>	10	10	6	113	Fair	Fair			retain	
6391	DE-6	red alder	<i>Alnus rubra</i>	6	6	6	113	Fair	Fair			retain	
6392	DE-6	red alder	<i>Alnus rubra</i>	6	6	6	113	Fair	Fair			retain	
6393	DE-10	red alder	<i>Alnus rubra</i>	10	10	6	113	Fair	Fair			retain	
6396	DE-14-12-10	Oregon ash	<i>Fraxinus latifolia</i>	18,20,9,20	35	25	1963	Good	Fair			retain	
6397	DE-14X2	Oregon ash	<i>Fraxinus latifolia</i>	8,15	17	30	2826	Good	Fair			retain	
6412	DE-18	Oregon ash	<i>Fraxinus latifolia</i>	18	18	25	1963	Good	Good			retain	
6417	DE-14-8	Oregon ash	<i>Fraxinus latifolia</i>	15,7	17	30	2826	Good	Good			retain	
6418	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	11	11	15	707	Good	Good			retain	
6419	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	8	8	10	314	Good	Good			retain	
6420	DE-24	Oregon ash	<i>Fraxinus latifolia</i>	25	25	25	1963	Good	Good			retain	
6421	DE-8X2	Oregon ash	<i>Fraxinus latifolia</i>	8,7	11	10	314	Good	Good			retain	
6422	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	10	10	10	314	Good	Good			retain	
6423	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	12	12	12	452	Good	Good			retain	
6424	DE-14-10	Oregon ash	<i>Fraxinus latifolia</i>	15,10	18	20	1256	Good	Good			retain	
6427	DE-14X2	Oregon ash	<i>Fraxinus latifolia</i>	15,9	16	15	707	Good	Fair	Decayed leader.		retain	
6430	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	13	13	15	707	Fair	Fair			retain	
6431	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	11	11	12	452	Fair	Fair			retain	
6432	DE-20	Oregon ash	<i>Fraxinus latifolia</i>	23	23	25	1963	Fair	Fair			retain	
6433	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	9	9	12	452	Fair	Fair			retain	
6446	DE-16	Oregon ash	<i>Fraxinus latifolia</i>	19	19	17	907	Good	Poor			retain	
6447	DE-20-8-8	Oregon ash	<i>Fraxinus latifolia</i>	20,9,7	23	20	1256	Good	Poor	Trunk cavity.		retain	
6448	DE-16X2	Oregon ash	<i>Fraxinus latifolia</i>	16,15	22	15	707	Good	Fair	Low codominant.		retain	
6449	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	10	10	12	452	Fair	Fair			retain	
6454	DE-22	Oregon ash	<i>Fraxinus latifolia</i>	23	23	18	1017	Fair	Fair			retain	
6455	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	7	7	0	0	Dead	Dead			retain	
6456	DE-20	Oregon ash	<i>Fraxinus latifolia</i>	20	20	16	804	Fair	Fair			retain	
6457	DE-16-14-10-10	Oregon ash	<i>Fraxinus latifolia</i>	23,7,10,22	34	15	707	Good	Fair			retain	
6458	DE-22	Oregon ash	<i>Fraxinus latifolia</i>	22	22	15	707	Good	Poor	22 @ 2', multiple trunk wounds.		retain	
6469	DE-12X4	Oregon ash	<i>Fraxinus latifolia</i>	15,15	21	20	1256	Good	Fair			retain	
6472	DE-48	Oregon ash	<i>Fraxinus latifolia</i>	48	48	40	5024	Good	Poor	Trunk cavity.		retain	
6477	DE-24	Oregon ash	<i>Fraxinus latifolia</i>	26	26	25	1963	Good	Fair	Near creek, codominant leaders.		retain	
6480	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	12	12	12	452	Good	Fair			retain	
6481	DE-14	Oregon ash	<i>Fraxinus latifolia</i>	12	12	5	79	Poor	Poor	Broken branches.		retain	
6482	DE-14	Oregon ash	<i>Fraxinus latifolia</i>	15	15	15	707	Good	Fair			retain	
6485	DE-14	Oregon ash	<i>Fraxinus latifolia</i>	16	16	15	707	Good	Fair	Trunk wound.		retain	
6486	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	12	12	15	707	Good	Good			retain	
6487	DE-16	red alder	<i>Alnus rubra</i>	16	16	20	1256	Good	Good			remove	
6488	DE-10	red alder	<i>Alnus rubra</i>	10	10	10	314	Fair	Fair	Thin, broken top, lean.		remove	
6489	DE-6-12	red alder	<i>Alnus rubra</i>	8,11	13	12	452	Good	Fair	Codominant leaders.		remove	
6490	DE-10	red alder	<i>Alnus rubra</i>	9	9	8	201	Good	Good			remove	

Attachment 2

Tree No.	Svy. Descript.	Common Name	Scientific name	DBH ¹	Converted to Single Stem DBH	C-Rad ²	Canopy Area (sq. ft.)	Condition ³	Structure ³	Comments	Offsite	Treatment	Retained, Onsite, & Outside Env. Constrained Lands
6491	DE-8	red alder	<i>Alnus rubra</i>	9	9	0	0	Dead	Dead			remove	
6492	DE-6	Douglas fir	<i>Pseudotsuga menziesii</i>	6	6	0	0	Dead	Dead	Evergreen.		retain	x
6493	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	35	35	30	2826	Good	Fair	Three codominant leaders.		retain	x
6494	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	27	27	15	707	Fair	Fair	Suppressed, unbalanced.		retain	x
6495	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	15	707	Fair	Poor	Suppressed, thin, crooked trunk.		retain	x
6496	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	20	1256	Good	Fair	Crooked trunk.		retain	x
6497	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	23	23	15	707	Fair	Fair	Thin, narrow, high crown, epicormic.		remove	
6498	DE-8	red alder	<i>Alnus rubra</i>	8	8	0	0	Dead	Dead			remove	
6499	DE-12	red alder	<i>Alnus rubra</i>	12	12	6	113	Good	Good			remove	
6500	DE-26	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	20	1256	Fair	Fair	Declining.		remove	
6501	EV-32	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	20	1256	Fair	Fair	Declining.		remove	
6502	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	29	29	20	1256	Good	Good			remove	
6503	EV-6	yew	<i>Taxus brevifolia</i>	6	6	6	113	Poor	Good	Thin, suppressed.		remove	
6504	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	20	1256	Good	Fair	Crooked trunk.		remove	
6505	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	25	1963	Good	Good			remove	
6506	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	19	19	0	0	Dead	Dead	Lean.		remove	
6507	DE-14	red alder	<i>Alnus rubra</i>	13	13	10	314	Good	Good			remove	
6508	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	25	1963	Good	Good			remove	
6509	DE-12	red alder	<i>Alnus rubra</i>	10	10	10	314	Fair	Fair	Thin, lean.		remove	
6510	EV-20	western hemlock	<i>Tsuga heterophylla</i>	20	20	15	707	Poor	Poor	Thin, codominant leaders.	x	remove	
6511	EV-18	western hemlock	<i>Tsuga heterophylla</i>	18	18	0	0	Dead	Dead		x	remove	
6512	EV-22	western hemlock	<i>Tsuga heterophylla</i>	22	22	0	0	Dead	Dead		x	remove	
6514	EV-36	western redcedar	<i>Thuja plicata</i>	36	36	25	1963	Good	Fair	Codominant leaders, one leader with cavity.	x	retain	
6515	EV-22	western hemlock	<i>Tsuga heterophylla</i>	18	18	15	707	Poor	Fair	Thin, discolored, unbalanced.	x	retain	
6516	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	29	29	20	1256	Fair	Very poor	Thin, three leaders.		remove	
6517	DE-12	Douglas fir	<i>Pseudotsuga menziesii</i>	12	12	12	452	Good	Good		x	retain	
6518	EV-34	Douglas fir	<i>Pseudotsuga menziesii</i>	28	28	18	1017	Fair	Fair	Crooked trunk.		remove	
6519	EV-34	Douglas fir	<i>Pseudotsuga menziesii</i>	31	31	20	1256	Good	Fair	Crooked trunk.		remove	
6520	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	31	31	20	1256	Good	Good			remove	
6521	DE-8	Douglas fir	<i>Pseudotsuga menziesii</i>	8	8	10	314	Poor	Poor	Suppressed, unbalanced, evergreen.		remove	
6522	DE-12	red alder	<i>Alnus rubra</i>	10	10	10	314	Good	Good	Bleeding canker.		remove	
6523	DE-8	red alder	<i>Alnus rubra</i>	8	8	6	113	Good	Good			remove	
6525	DE-8	red alder	<i>Alnus rubra</i>	9	9	8	201	Good	Good			remove	
6526	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	24	24	18	1017	Good	Good			remove	
6527	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	15	707	Good	Fair	Suppressed, unbalanced.		remove	
6528	EV-10	yew	<i>Taxus brevifolia</i>	10	10	12	452	Fair	Fair	Suppressed, trunk decay.		remove	
6529	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	29	29	25	1963	Good	Good			remove	
6530	DE-14	cherry	<i>Prunus avium</i>	13	13	15	707	Good	Good			remove	
6531	DE-14	bigleaf maple	<i>Acer macrophyllum</i>	13	13	25	1963	Good	Fair	Unbalanced.		remove	
6532	DE-18X2	bigleaf maple	<i>Acer macrophyllum</i>	20,18	23	30	2826	Good	Fair	Codominant leaders.	x	retain	
6533	DE-16	bigleaf maple	<i>Acer macrophyllum</i>	18	18	30	2826	Good	Fair	Unbalanced.		remove	
6536	EV-38	Douglas fir	<i>Pseudotsuga menziesii</i>	37	37	25	1963	Good	Good		x	retain	
6537	DE-28	cottonwood	<i>Populus trichocarpa</i>	24	24	25	1963	Good	Good			remove	
6538	DE-10	red alder	<i>Alnus rubra</i>	10	10	0	0	Dead	Dead			remove	
6539	DE-12	red alder	<i>Alnus rubra</i>	12	12	0	0	Dead	Dead			remove	
6540	DE-14	red alder	<i>Alnus rubra</i>	15	15	15	707	Good	Fair	Unbalanced.		remove	
6541	DE-12	red alder	<i>Alnus rubra</i>	12	12	6	113	Good	Good	Phototropic.		remove	
6542	DE-12	red alder	<i>Alnus rubra</i>	13	13	15	707	Good	Good			remove	
6543	DE-8	red alder	<i>Alnus rubra</i>	8	8	8	201	Good	Good			remove	
6544	DE-24	cottonwood	<i>Populus trichocarpa</i>	22	22	15	707	Good	Good			remove	
6545	DE-8	cottonwood	<i>Populus trichocarpa</i>	7	7	0	0	Dead	Dead			remove	
6546	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	24	24	20	1256	Good	Good			remove	
6548	EV-40	Douglas fir	<i>Pseudotsuga menziesii</i>	42	42	35	3847	Good	Good			remove	
6550	EV-6	Douglas fir	<i>Pseudotsuga menziesii</i>	34	34	20	1256	Good	Good			remove	
6551	DE-10	bigleaf maple	<i>Acer macrophyllum</i>	11	11	20	1256	Good	Good			retain	
6552	DE-6	red alder	<i>Alnus rubra</i>	6	6	6	113	Good	Good			retain	
6553	DE-12	red alder	<i>Alnus rubra</i>	12	12	8	201	Fair	Fair			retain	
6554	DE-12	red alder	<i>Alnus rubra</i>	12	12	8	201	Good	Good			remove	
6555	DE-12	red alder	<i>Alnus rubra</i>	12	12	8	201	Fair	Good	Dieback.		remove	
6556	DE-14	red alder	<i>Alnus rubra</i>	14	14	12	452	Good	Good			remove	

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6559	DE-6	cherry	<i>Prunus avium</i>	7	7	15	707	Good	Good			remove	
6560	EV-34	Douglas fir	<i>Pseudotsuga menziesii</i>	37	37	25	1963	Good	Good			remove	
6564	DE-8	cherry	<i>Prunus avium</i>	9	9	13	531	Good	Fair	Unbalanced.		remove	
6565	EV-32	Douglas fir	<i>Pseudotsuga menziesii</i>	34	34	18	1017	Good	Good			remove	
6566	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	15	15	12	452	Fair	Poor	Thin, red ring rot, moderate.		remove	
6568	DE-14	bigleaf maple	<i>Acer macrophyllum</i>	15	15	20	1256	Fair	Poor	Three leaders epicormic.		remove	
6569	DE-8	bigleaf maple	<i>Acer macrophyllum</i>	9	9	20	1256	Fair	Poor			remove	
6570	DE-6	bigleaf maple	<i>Acer macrophyllum</i>	8	8	0	0	Fair	Poor			remove	
6571	EV-36	Douglas fir	<i>Pseudotsuga menziesii</i>	35	35	20	1256	Good	Good			remove	
6572	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	10	10	12	452	Good	Good			remove	
6573	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	18	18	10	314	Good	Fair	Unbalanced.		remove	
6574	DE-6	dogwood	<i>Cornus nuttallii</i>	6	6	13	531	Good	Fair	Unbalanced.		remove	
6575	DE-10	Douglas fir	<i>Pseudotsuga menziesii</i>	12	12	12	452	Good	Fair	Unbalanced, wrong icon.		remove	
6578	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	8	8	8	201	Good	Fair	Unbalanced.		remove	
6579	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	16	16	10	314	Fair	Fair	Thin, unbalanced , sweeping trunk.		remove	
6581	DE-6	red alder	<i>Alnus rubra</i>	6	6	8	201	Good	Good			remove	
6582	DE-6	black gum	<i>Nyssa sylvatica</i>	5	5	6	113	Good	Good			remove	
6585	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	16	16	6	113	Good	Fair	Unbalanced.		remove	
6586	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	8	8	0	0	Dead	Dead			remove	
6587	EV-12-6	western redcedar	<i>Thuja plicata</i>	11	11	10	314	Good	Fair	Codominant leaders.		remove	
6588	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	8	8	8	201	Fair	Fair	Unbalanced.		remove	
6589	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	9	9	8	201	Good	Fair	Unbalanced.		remove	
6590	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	29	29	12	452	Good	Good			remove	
6591	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	12	12	12	452	Good	Fair	Unbalanced.		remove	
6594	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	11	11	0	0	Dead	Dead			retain	
6595	EV-32	Douglas fir	<i>Pseudotsuga menziesii</i>	31	31	20	1256	Good	Fair	Unbalanced.		retain	
6596	EV-32	Douglas fir	<i>Pseudotsuga menziesii</i>	34	34	15	707	Good	Good			retain	
6597	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	7	7	4	50	Fair	Fair	Suppressed.		retain	
6598	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	14	14	10	314	Good	Good			retain	
6599	EV-10	Douglas fir	<i>Pseudotsuga menziesii</i>	12	12	8	201	Good	Fair	Unbalanced.		retain	
6600	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	7	7	0	0	Dead	Dead			remove	
6601	EV-8	western redcedar	<i>Thuja plicata</i>	9	9	8	201	Good	Good			retain	
6602	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	16,29	33	25	1963	Good	Fair	Codominant leaders.		retain	x
6603	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	37	37	20	1256	Good	Good			retain	x
6616	EV-48	western redcedar	<i>Thuja plicata</i>	49	49	20	1256	Good	Fair	Codominant leaders.	x	retain	
6639	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	20	1256	Good	Fair	Unbalanced.		retain	
6640	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	36	36	25	1963	Good	Good			retain	
6641	DE-8X3	red alder	<i>Alnus rubra</i>	7,9,7	13	4	50	Very poor	Very poor	Declining.		retain	
6644	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	15	15	15	707	Fair	Fair	Unbalanced , thin.		retain	
6645	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	11	11	15	707	Fair	Good	Thin.		retain	
6646	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	23	23	20	1256	Good	Good	Thin.		retain	
6647	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	15	707	Fair	Good			retain	
6651	DE-8	dogwood	<i>Cornus nuttallii</i>	8	8	20	1256	Good	Good			retain	x
6652	DE-8	cherry	<i>Prunus avium</i>	6	6	8	201	Good	Fair	Lean.		retain	x
6653	EV-10	Douglas fir	<i>Pseudotsuga menziesii</i>	11	11	5	79	Fair	Fair	Suppressed.		retain	x
6654	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	34	34	15	707	Good	Good			retain	x
6655	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	17	17	12	452	Good	Good			retain	x
6656	DE-10-6	cherry	<i>Prunus avium</i>	10,7	12	12	452	Good	Fair	Codominant leaders.		retain	x
6657	DE-6	cherry	<i>Prunus avium</i>	7	7	12	452	Fair	Fair	Lean, thin, suppressed.		retain	x
6658	DE-6	red alder	<i>Alnus rubra</i>	7	7	15	707	Good	Good			retain	x
6659	EV-34	western redcedar	<i>Thuja plicata</i>	39	39	20	1256	Good	Fair	Codominant leaders.		retain	x
6660	EV-22	western redcedar	<i>Thuja plicata</i>	28	28	20	1256	Good	Good			retain	x
6661	EV-30	western redcedar	<i>Thuja plicata</i>	34	34	15	707	Good	Fair			retain	
6665	DE-12	cherry	<i>Prunus avium</i>	14	14	14	615	Good	Good	Buttress wounds, stem cavity.		retain	
6666	DE-12	cherry	<i>Prunus avium</i>	12	12	12	452	Good	Good			retain	
6667	DE-12	cherry	<i>Prunus avium</i>	12	12	12	452	Good	Fair	Lean, unbalanced.		retain	
6676	DE-14	Oregon ash	<i>Fraxinus latifolia</i>	18	18	12	452	Good	Good		x	retain	
6680	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	12	12	18	1017	Good	Good		x	retain	
6691	DE-36	Oregon ash	<i>Fraxinus latifolia</i>	33	33	25	1963	Good	Fair			retain	
6692	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	30	2826	Good	Good			retain	

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6694	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	11	11	15	707	Good	Fair	Codominant leaders.		retain	
6695	DE-6	Oregon ash	<i>Fraxinus latifolia</i>	7	7	15	707	Good	Fair	Codominant leaders.		retain	
6696	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	30	2826	Good	Good			retain	
6697	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	10	10	8	201	Good	Fair	High crown.		retain	
6699	DE-20	Oregon ash	<i>Fraxinus latifolia</i>	24	24	20	1256	Good	Good			retain	
6700	DE-20-16	red alder	<i>Alnus rubra</i>	36	36	20	1256	Poor	Poor	Deadwood, weeping gunk.		retain	
6702	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	15	15	15	707	Good	Good			retain	
6703	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	10	10	12	452	Good	Good			retain	
6704	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	14	14	20	1256	Good	Good			retain	
6705	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	8	8	12	452	Good	Good			retain	
6708	DE-14X2	red alder	<i>Alnus rubra</i>	14,14	20	20	1256	Fair	Fair	Thin, decline, codominant leaders.		retain	
6709	DE-16	red alder	<i>Alnus rubra</i>	17	17	0	0	Dead	Dead			retain	
6710	EV-30	western redcedar	<i>Thuja plicata</i>	38	38	20	1256	Good	Good			retain	
6714	DE-16	Oregon ash	<i>Fraxinus latifolia</i>	22	22	22	1520	Good	Good			retain	
6716	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	12	12	10	314	Good	Good			retain	
6717	DE-28	Oregon ash	<i>Fraxinus latifolia</i>	28	28	30	2826	Good	Fair	Trunk wound.		retain	
6724	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	33	33	25	1963	Good	Fair	Sweeping trunk.		retain	
6730	DE-18	Oregon ash	<i>Fraxinus latifolia</i>	21	21	22	1520	Good	Good			retain	
6739	DE-12	red alder	<i>Alnus rubra</i>	13	13	0	0	Dead	Dead			retain	
6748	DE-12	red alder	<i>Alnus rubra</i>	11	11	5	79	Good	Fair			retain	
6749	DE-20	red alder	<i>Alnus rubra</i>	19	19	12	452	Good	Fair	Broken scaffolding limb.		retain	
6750	DE-8X2	red alder	<i>Alnus rubra</i>	8,8	11	5	79	Good	Fair			retain	
6755	DE-12	red alder	<i>Alnus rubra</i>	13	13	5	79	Poor	Poor	Ivy, declining.		retain	
6756	DE-12X2	red alder	<i>Alnus rubra</i>	12,13,8	19	0	0	Dead	Dead			retain	
6757	DE-26	Oregon ash	<i>Fraxinus latifolia</i>	24	24	20	1256	Good	Poor	Stem decay.		retain	
6758	DE-14X5	red alder	<i>Alnus rubra</i>	Avg. 14	31	25	1963	Fair	Fair	Multiple stems.		retain	
6759	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	15	15	20	1256	Good	Poor	Stem cavity		retain	
6760	DE-6	Oregon ash	<i>Fraxinus latifolia</i>	7	7	7	154	Good	Fair	Sucker		retain	
6762	DE-12	red alder	<i>Alnus rubra</i>	13	13	10	314	Fair	Fair			retain	
6763	DE-12	red alder	<i>Alnus rubra</i>	15	15	20	1256	Fair	Fair			retain	
6764	DE-10X2	red alder	<i>Alnus rubra</i>	13,12	17	0	0	Dead	Dead			retain	
6765	DE-14X2	red alder	<i>Alnus rubra</i>	20	20	13	531	Good	Good	Codominant leaders.		retain	
6766	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	14	14	25	1963	Good	Good			retain	
6767	DE-14	red alder	<i>Alnus rubra</i>	17	17	10	314	Fair	Fair			retain	
6768	DE-20	Oregon ash	<i>Fraxinus latifolia</i>	24	24	35	3847	Good	Good			retain	
6769	DE-16	red alder	<i>Alnus rubra</i>	20	20	8	201	Poor	Poor	Lost top, dying		retain	
6775	DE-14	Oregon ash	<i>Fraxinus latifolia</i>	14	14	12	452	Good	Good			retain	
6776	DE-14	Oregon ash	<i>Fraxinus latifolia</i>	17	17	15	707	Good	Good			retain	
6777	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	13	13	25	1963	Good	Good			retain	
6782	DE-12	red alder	<i>Alnus rubra</i>	15	15	0	0	Dead	Dead			retain	
6783	DE-8	casacara	<i>Rhamnus purshiana</i>	8	8	5	79	Poor	Poor	Declining.		retain	
6784	DE-12	red alder	<i>Alnus rubra</i>	11	11	0	0	Dead	Dead			retain	
6823	DE-16	red alder	<i>Alnus rubra</i>	18	18	12	452	Poor	Fair	Declining.		retain	
6840	DE-20	red alder	<i>Alnus rubra</i>	23	23	0	0	Dead	Dead	Basal cavity, three leaders.		retain	
6849	DE-20	cherry	<i>Prunus avium</i>	23	23	15	707	Good	Good			retain	
6851	DE-14-8	red alder	<i>Alnus rubra</i>	14,8	16	15	707	Fair	Very poor	Declining.		retain	
6852	DE-22	red alder	<i>Alnus rubra</i>	25	25	25	1963	Good	Fair	Codominant leaders.		retain	
6853	DE-16-14	red alder	<i>Alnus rubra</i>	17,17	24	20	1256	Good	Fair	Codominant leaders.		retain	
6859	EV-32	Douglas fir	<i>Pseudotsuga menziesii</i>	40	40	35	3847	Good	Good			retain	
6860	EV-38	Douglas fir	<i>Pseudotsuga menziesii</i>	57	57	0	0	Dead	Dead			retain	
6861	DE-14	red alder	<i>Alnus rubra</i>	16	16	12	452	Fair	Fair	Suppressed.		retain	
6862	DE-14	red alder	<i>Alnus rubra</i>	14	14	12	452	Good	Good			retain	
6863	DE-12	red alder	<i>Alnus rubra</i>	9	9	8	201	Poor	Fair	Declining.		retain	
6864	DE-14	red alder	<i>Alnus rubra</i>	14	14	6	113	Poor	Fair	Declining.		retain	
6865	DE-12	red alder	<i>Alnus rubra</i>	9	9	0	0	Dead	Dead			retain	
6866	DE-14	red alder	<i>Alnus rubra</i>	9	9	6	113	Good	Good			retain	
6867	DE-12	red alder	<i>Alnus rubra</i>	8	8	6	113	Fair	Good	Declining.		retain	
6868	DE-20	red alder	<i>Alnus rubra</i>	9	9	0	0	Dead	Dead			retain	
6869	DE-12	red alder	<i>Alnus rubra</i>	14	14	10	314	Good	Fair	Lean.		retain	
6870	DE-12-14	Oregon ash	<i>Fraxinus latifolia</i>	12,14	18	15	707	Fair	Fair			retain	

Attachment 2

Tree No.	Svy. Descript.	Common Name	Scientific name	DBH ¹	Converted to Single Stem DBH	C-Rad ²	Canopy Area (sq. ft.)	Condition ³	Structure ³	Comments	Offsite	Treatment	Retained, Onsite, & Outside Env. Constrained Lands
6873	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	10	10	15	707	Fair	Fair			retain	
6874	DE-28	Oregon ash	<i>Fraxinus latifolia</i>	30	30	25	1963	Fair	Fair	Stem decay.		retain	
6875	DE-32	Oregon ash	<i>Fraxinus latifolia</i>	32	32	30	2826	Fair	Poor	Stem decay.		retain	
6876	DE-30	Oregon ash	<i>Fraxinus latifolia</i>	26	26	30	2826	Good	Very poor	Stem decay.		retain	
6877	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	29	29	10	314	Very poor	Very poor	Declining.		retain	
6878	DE-16	Oregon ash	<i>Fraxinus latifolia</i>	16	16	13	531	Good	Fair			retain	
6879	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	10	10	12	452	Good	Fair			retain	
6880	DE-12-20	Oregon ash	<i>Fraxinus latifolia</i>	12,14	18	25	1963	Good	Poor	Multiple leaders, trunk decay.		retain	
6881	DE-18-14-10	Oregon ash	<i>Fraxinus latifolia</i>	18, 16	24	20	1256	Fair	Poor	Partially decayed, multiple leaders.		retain	
6882	DE-18	Oregon ash	<i>Fraxinus latifolia</i>	25	25	20	1256	Good	Good			retain	
6883	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	11	11	25	1963	Good	Fair	Unbalanced.		retain	
6884	DE-10	cherry	<i>Prunus avium</i>	8	8	12	452	Good	Good			retain	
6885	DE-20	Oregon ash	<i>Fraxinus latifolia</i>	20	20	20	1256	Good	Good			retain	
6887	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	10	10	20	1256	Good	Good			retain	
6888	DE-14	Oregon ash	<i>Fraxinus latifolia</i>	14	14	18	1017	Good	Good			retain	
6890	DE-14X4	Oregon ash	<i>Fraxinus latifolia</i>	16,16,14,13	60	30	2826	Good	Fair	Three dead leaders, multiple stems.		retain	
6891	DE-14X6	Oregon ash	<i>Fraxinus latifolia</i>	15,15,11,16,15,15	36	40	5024	Good	Fair	Multiple leaders.		retain	
6892	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	8	8	8	201	Good	Fair	Trunk flare oddities.		retain	
6893	DE-6	Oregon ash	<i>Fraxinus latifolia</i>	5	5	5	79	Good	Fair	Decay cavity.		retain	
6898	DE-8	casacara	<i>Rhamnus purshiana</i>	9	9	5	79	Good	Good			retain	
6899	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	23	23	20	1256	Good	Good			retain	
6901	DE-16	cherry	<i>Prunus avium</i>	18	18	25	1963	Good	Good			retain	
6902	DE-14	cherry	<i>Prunus avium</i>	15	15	20	1256	Good	Good			retain	
6903	DE-16	cherry	<i>Prunus avium</i>	19	19	26	2123	Good	Fair	Codominant leaders.		retain	
6904	EV-10	yew	<i>Taxus brevifolia</i>	10	10	10	314	Poor	Poor	Thin, suppressed, no leader.		retain	
6905	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	38	38	25	1963	Good	Good			retain	
6908	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	39	39	30	2826	Good	Good	Cedar to east not inventoried.		retain	
6910	EV-32	western redcedar	<i>Thuja plicata</i>	39	39	20	1256	Good	Good	No blaze.		retain	
6911	EV-38	Douglas fir	<i>Pseudotsuga menziesii</i>	41	41	30	2826	Good	Good			retain	
6913	EV-12	yew	<i>Taxus brevifolia</i>	11	11	15	707	Fair	Fair	Thin, suppressed.		retain	
6914	DE-14-20	cherry	<i>Prunus avium</i>	20,40	44	30	2826	Good	Fair	Codominant leaders.		retain	
6917	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	27	27	20	1256	Good	Fair			retain	x
6918	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	18	18	20	1256	Fair	Poor			retain	x
6919	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	14	14	10	314	Fair	Fair	Thin, "j" root.		retain	x
6920	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	18	18	10	314	Poor	Poor	Dead top.		retain	x
6921	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	17	17	18	1017	Good	Fair	Unbalanced to S.		retain	x
6922	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	23	23	20	1256	Good	Fair	Unbalanced to the S.		retain	x
6923	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	9	9	10	314	Fair	Poor	Suppressed.		retain	x
6924	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	21	21	15	707	Good	Fair	Codominant, crooked, unbalanced to the S.		retain	x
6925	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	17	17	10	314	Good	Good			retain	x
6926	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	10	10	8	201	Good	Good			retain	x
6927	EV-6	Douglas fir	<i>Pseudotsuga menziesii</i>	7	7	10	314	Fair	Fair	Suppressed.		retain	x
6928	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	23	23	18	1017	Good	Fair	Unbalanced to SE, crooked trunk.		retain	
6929	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	20	1256	Good	Fair	Crooked trunk.		retain	
6930	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	22	22	15	707	Good	Fair	Crooked trunk.		retain	x
6931	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	21	21	18	1017	Fair	Fair	Thin, unbalanced to the S.		retain	x
6932	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	22	22	15	707	Good	Good			retain	x
6933	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	24	24	15	707	Good	Fair	Crooked trunk.		remove	
6934	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	37	37	15	707	Good	Good	Exaggerated trunk swell.		remove	
6935	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	28	28	15	707	Good	Good			remove	
6936	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	29	29	18	1017	Good	Good			remove	
6937	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	18	1017	Fair	Good	Thin.		remove	
6938	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	15	707	Good	Good			remove	
6939	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	33	33	18	1017	Good	Good			remove	
6940	EV-38	Douglas fir	<i>Pseudotsuga menziesii</i>	50	50	25	1963	Good	Good			retain	
6941	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	20	1256	Good	Good			retain	
6978	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	23	23	20	1256	Good	Poor	Unbalanced.		retain	x
6979	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	24	24	20	1256	Good	Poor	Codominant leaders, unbalanced, suppressed.		retain	x
6980	EV-10	Douglas fir	<i>Pseudotsuga menziesii</i>	12	12	12	452	Good	Poor	Suppressed.		retain	x
6981	EV-10	Douglas fir	<i>Pseudotsuga menziesii</i>	11	11	15	707	Good	Poor	Codominant leaders, unbalanced, suppressed.		retain	x

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6982	EV-10	Douglas fir	<i>Pseudotsuga menziesii</i>	11	11	6	113	Good	Poor	Codominant leaders, unbalanced, suppressed.		retain	x
6983	EV-10	Douglas fir	<i>Pseudotsuga menziesii</i>	12	12	10	314	Good	Fair	Suppressed.		retain	x
6984	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	24	24	20	1256	Good	Good			retain	x
6985	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	15	15	8	201	Good	Fair	Crooked, unbalanced to the S.		retain	x
6986	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	19	19	20	1256	Good	Fair	Unbalanced, suppressed		remove	
6987	EV-10	Douglas fir	<i>Pseudotsuga menziesii</i>	12	12	15	707	Good	Fair	Suppressed.		remove	
6988	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	19	19	15	707	Good	Fair	Unbalanced.		remove	
6989	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	14	14	6	113	Good	Fair	Unbalanced.		retain	x
6990	EV-6	Douglas fir	<i>Pseudotsuga menziesii</i>	7	7	6	113	Good	Fair	Unbalanced.		retain	x
6991	EV-10	Douglas fir	<i>Pseudotsuga menziesii</i>	11	11	8	201	Fair	Fair			retain	x
6992	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	22	22	15	707	Good	Good			retain	x
6993	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	9	9	10	314	Good	Good			remove	
6994	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	17	17	12	452	Good	Good			remove	
6995	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	15	707	Good	Fair	Unbalanced to the S.		remove	
6996	EV-10	Douglas fir	<i>Pseudotsuga menziesii</i>	11	11	10	314	Fair	Fair	Suppressed.		remove	
6997	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	16	16	10	314	Good	Good			remove	
6998	EV-10	Douglas fir	<i>Pseudotsuga menziesii</i>	9	9	10	314	Fair	Poor	Suppressed, lost top		retain	x
6999	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	20	1256	Good	Fair	High crown.		retain	x
7000	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	8	201	Good	Fair	Unbalanced.		retain	x
7001	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	11	11	5	79	Fair	Fair	Suppressed.		remove	
7002	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	19	19	10	314	Fair	Fair	Suppressed, unbalanced.		remove	
7003	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	19	19	12	452	Fair	Fair	Suppressed, unbalanced.		remove	
7004	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	12	12	12	452	Fair	Fair	Suppressed, unbalanced.		remove	
7005	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	12	12	10	314	Fair	Fair	Suppressed, unbalanced.		remove	
7010	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	18	1017	Good	Good			retain	x
7021	EV-36	Douglas fir	<i>Pseudotsuga menziesii</i>	43	43	25	1963	Fair	Good	Thin.		retain	
7022	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	36	36	15	707	Good	Fair	Corrected lean to S.		retain	
7023	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	33	33	20	1256	Good	Fair	Crooked trunk.		retain	
7024	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	22	22	20	1256	Good	Poor	Crooked trunk.		retain	
7025	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	12	12	0	0	Dead	Dead			remove	
7026	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	12	12	12	452	Good	Fair	Suppressed.		retain	
7027	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	20	1256	Good	Good			retain	
7028	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	29	29	20	1256	Good	Fair	Unbalanced to the SE.		retain	
7033	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	39	39	15	707	Good	Good			remove	
7034	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	18	18	15	707	Good	Fair	Unbalanced to the E.		remove	
7035	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	15	707	Good	Fair	High crown.		remove	
7039	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	35	35	18	1017	Good	Good			remove	
7040	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	35	35	15	707	Fair	Good	Discolored foliage.		remove	
7041	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	33	33	12	452	Good	Fair	Unbalanced.		remove	
7042	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	24	24	10	314	Good	Good	Unbalanced to W.		remove	
7043	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	21	21	12	452	Fair	Fair	Discolored foliage with high crown.		remove	
7054	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	15	707	Fair	Fair	Thin, high crown.		remove	
7055	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	15	707	Good	Fair	Unbalanced.		remove	
7058	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	15	15	6	113	Poor	Poor	Unbalanced, declining.		remove	
7059	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	14	14	0	0	Dead	Dead			remove	
7060	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	18	1017	Good	Good			remove	
7065	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	28	28	18	1017	Good	Good			remove	
7067	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	18	1017	Good	Good			remove	
7070	DE-12	cherry	<i>Prunus avium</i>	12	12	10	314	Good	Good			remove	
7071	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	16	16	15	707	Fair	Fair	Unbalanced, suppressed.		remove	
7072	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	31	31	15	707	Good	Fair	Unbalanced.		remove	
7073	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	28	28	15	707	Good	Fair	Unbalanced, sweep.		remove	
7074	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	15	707	Good	Fair	Unbalanced.		remove	
7075	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	16	16	10	314	Good	Fair	Unbalanced.		remove	
7076	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	36	36	20	1256	Good	Good			remove	
7077	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	28	28	15	707	Fair	Fair	Thin, discolored, unbalanced, lightning damage.		remove	
7078	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	23	23	0	0	Dead	Dead			remove	
7079	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	28	28	15	707	Good	Fair	Crooked trunk.		retain	
7080	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	9	9	0	0	Dead	Dead			remove	
7081	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	20	1256	Good	Good			retain	

Attachment 2

Tree No.	Svy. Descript.	Common Name	Scientific name	DBH ¹	Converted to Single Stem DBH	C-Rad ²	Canopy Area (sq. ft.)	Condition ³	Structure ³	Comments	Offsite	Treatment	Retained, Onsite, & Outside Env. Constrained Lands
7082	DE-16	bigleaf maple	<i>Acer macrophyllum</i>	17	17	20	1256	Good	Good			retain	
7091	DE-12	Douglas fir	<i>Pseudotsuga menziesii</i>	13	13	15	707	Good	Fair	Codominant leaders with inclusion.		remove	
7092	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	20	1256	Fair	Poor	Red ring rot, thin, discolored, crooked trunk.		remove	
7093	EV-38	Douglas fir	<i>Pseudotsuga menziesii</i>	39	39	20	1256	Fair	Good	Discolored, thin.		remove	
7099	EV-10	Douglas fir	<i>Pseudotsuga menziesii</i>	13	13	12	452	Good	Fair	Unbalanced.		remove	
7100	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	38	38	15	707	Good	Good			remove	
7101	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	10	10	10	314	Good	Fair	High crown, suppressed.		remove	
7102	EV-10	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	15	707	Good	Good			remove	
7103	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	15	707	Good	Good			remove	
7104	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	27	27	15	707	Good	Good			remove	
7105	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	14	14	10	314	Fair	Poor	Broken top, one sided.		remove	
7108	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	22	22	10	314	Good	Good	Red ring rot, thin, declining.		remove	
7109	EV-40	Douglas fir	<i>Pseudotsuga menziesii</i>	46	46	22	1520	Good	Fair	Crooked lower trunk.		remove	
7113	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	35	35	20	1256	Good	Good			remove	
7114	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	15	707	Good	Good			remove	
7115	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	18	1017	Good	Fair	Unbalanced.		remove	
7116	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	27	27	13	531	Good	Fair	High crown, unbalanced, buttress root oddities.		remove	
7118	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	29	29	15	707	Fair	Fair	Declining, thin.		remove	
7119	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	12	452	Fair	Fair	Thin, unbalanced.		remove	
7128	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	15	707	Fair	Fair	Thin high crown.		remove	
7137	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	18	1017	Poor	Good	Thin, deadwood, in decline.		remove	
7138	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	17	17	8	201	Good	Good			remove	
7140	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	18	18	0	0	Dead	Dead			remove	
7147	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	12	452	Fair	Fair	Twisted, deadwood.		remove	
7148	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	24	24	15	707	Fair	Good	Thin.		remove	
7149	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	20	1256	Good	Fair	High crown.		remove	
7150	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	17	17	12	452	Fair	Fair	Lean/sweep, thin.		remove	
7151	EV-36	Douglas fir	<i>Pseudotsuga menziesii</i>	38	38	15	707	Good	Fair	Curved trunk.		remove	
7152	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	14	14	8	201	Good	Fair	Unbalanced.		remove	
7153	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	14	14	23	1661	Fair	Good	Thin, suppressed.		remove	
7154	EV-24-20	Douglas fir	<i>Pseudotsuga menziesii</i>	48	48	15	707	Good	Fair	Codominant, twist in trunk.		remove	
7163	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	15	707	Good	Fair	Crooked, deadwood.		remove	
7164	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	31	31	15	707	Good	Good			remove	
7165	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	14	14	12	452	Good	Good			remove	
7166	EV-15	Douglas fir	<i>Pseudotsuga menziesii</i>	23	23	12	452	Good	Good			remove	
7167	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	29	29	15	707	Good	Fair	Unbalanced.		remove	
7168	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	18	18	15	707	Good	Good			remove	
7169	EV-25	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	15	707	Good	Fair	Unbalanced.		remove	
7170	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	8	201	Fair	Fair	Suppressed, narrow crown.		remove	
7172	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	31	31	18	1017	Good	Fair	Unbalanced.		remove	
7177	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	23	23	15	707	Good	Good			remove	
7178	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	28	28	15	707	Good	Good			remove	
7179	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	25	1963	Good	Good			remove	
7180	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	20	1256	Good	Good			remove	
7181	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	28	28	20	1256	Good	Good			remove	
7183	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	20	1256	Good	Good			remove	
7184	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	38	38	25	1963	Good	Good			remove	
7187	EV-38	Douglas fir	<i>Pseudotsuga menziesii</i>	43	43	25	1963	Good	Fair	Crooked trunk.		retain	
7188	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	35	35	20	1256	Fair	Poor	Red ring rot, codominant leaders, crooked trunk.		remove	
7189	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	12	452	Fair	Fair	Unbalanced, declining.		remove	
7190	DE-14	cherry	<i>Prunus avium</i>	15	15	20	1256	Good	Good			retain	
7191	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	15	707	Fair	Fair	Thin, high crown, red ring rot.		retain	
7192	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	10	314	Good	Fair	Unbalanced.		retain	
7193	DE-14	bigleaf maple	<i>Acer macrophyllum</i>	17	17	20	1256	Good	Fair	Lost and regrew top, unbalanced.		retain	
7194	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	19	19	12	452	Good	Fair	High crown.		retain	
7195	DE-14	Douglas fir	<i>Pseudotsuga menziesii</i>	17	17	10	314	Good	Fair	Evergreen, high crown.		retain	
7196	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	29	29	15	707	Good	Good			retain	
7197	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	21	21	15	707	Poor	Fair	Crooked, thin.		retain	
7198	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	27	27	10	314	Fair	Good	Thin, declining.		retain	
7199	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	22	22	20	1256	Fair	Fair	Unbalanced, crooked trunk, thin.		retain	

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7201	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	28	28	20	1256	Fair	Poor	Red ring rot, crooked trunk.		retain	
7202	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	31	31	15	707	Good	Fair	Unbalanced.		retain	
7204	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	15	707	Good	Poor	Crooked trunk, high crown.		retain	
7205	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	27	27	0	0	Dead	Dead			retain	
7206	DE-18	bigleaf maple	<i>Acer macrophyllum</i>	23	23	25	1963	Good	Good			retain	
7207	EV-6	Douglas fir	<i>Pseudotsuga menziesii</i>	7	7	0	0	Dead	Dead			retain	
7208	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	16	16	10	314	Fair	Fair	High crown, suppressed, unbalanced.		retain	
7209	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	34	34	18	1017	Good	Good			retain	
7210	EV-10	Douglas fir	<i>Pseudotsuga menziesii</i>	9	9	6	113	Fair	Good	Suppressed.		retain	
7211	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	16	16	10	314	Good	Good			remove	
7212	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	24	24	10	314	Good	Fair	Unbalanced.		remove	
7213	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	27	27	15	707	Good	Poor	Red ring rot.		remove	
7214	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	28	28	18	1017	Good	Fair	Crooked trunk.		remove	
7215	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	8	8	8	201	Fair	Fair	Unbalanced suppressed.		retain	
7216	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	18	1017	Good	Good			retain	
7217	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	22	1520	Good	Good			retain	
7230	DE-8	Douglas fir	<i>Pseudotsuga menziesii</i>	9	9	10	314	Good	Good			retain	
7231	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	28	28	15	707	Good	Good			retain	
7233	EV-38	Douglas fir	<i>Pseudotsuga menziesii</i>	40	40	22	1520	Good	Good			remove	
7237	EV-34	Douglas fir	<i>Pseudotsuga menziesii</i>	37	37	25	1963	Good	Fair	Codominant leaders.		remove	
7239	EV-15	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	15	707	Good	Good			remove	
7240	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	24	24	15	707	Good	Good			remove	
7241	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	22	22	13	531	Good	Good			remove	
7242	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	20	1256	Good	Good			remove	
7243	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	18	1017	Good	Good			remove	
7244	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	17	17	20	1256	Good	Fair	Unbalanced, twisted around fir.		remove	
7245	EV-34	Douglas fir	<i>Pseudotsuga menziesii</i>	37	37	30	2826	Good	Good			remove	
7251	EV-34	Douglas fir	<i>Pseudotsuga menziesii</i>	36	36	20	1256	Good	Good			retain	
7252	EV-34	western redcedar	<i>Thuja plicata</i>	41	41	15	707	Good	Good			remove	
7253	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	36	36	30	2826	Good	Good			remove	
7254	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	18	1017	Good	Fair	Unbalanced.		remove	
7255	EV-21	Douglas fir	<i>Pseudotsuga menziesii</i>	28	28	20	1256	Good	Fair	Unbalanced.		remove	
7256	DE-16	red alder	<i>Alnus rubra</i>	16	16	15	707	Good	Fair	Twisted with fir.		remove	
7257	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	8	8	10	314	Good	Fair	Twisted around alder.		remove	
7264	DE-6	red alder	<i>Alnus rubra</i>	6	6	15	707	Good	Good			retain	
7271	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	23	23	20	1256	Good	Good			retain	
7273	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	37	37	30	2826	Good	Good			retain	
7278	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	31	31	20	1256	Good	Good			retain	
7347	EV-6	Douglas fir	<i>Pseudotsuga menziesii</i>	7	7	10	314	Good	Good			retain	
7352	EV-36	Douglas fir	<i>Pseudotsuga menziesii</i>	40	40	15	707	Good	Fair	Buttress root "J" shaped.		remove	
7354	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	14	14	13	531	Good	Good			remove	
7355	EV-6	Douglas fir	<i>Pseudotsuga menziesii</i>	8	8	10	314	Good	Fair	Suppressed.		remove	
7356	EV-10	Douglas fir	<i>Pseudotsuga menziesii</i>	10	10	10	314	Good	Good			remove	
7357	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	31	31	25	1963	Good	Good			remove	
7358	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	15	707	Good	Good			remove	
7359	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	38	38	28	2462	Good	Good			remove	
7361	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	21	21	18	1017	Good	Good			remove	
7362	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	15	15	15	707	Good	Good			remove	
7363	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	25	1963	Good	Good			remove	
7364	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	33	33	28	2462	Good	Good			remove	
7365	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	23	23	15	707	Good	Fair	Phototropic.		remove	
7421	EV-38	Douglas fir	<i>Pseudotsuga menziesii</i>	39	39	35	3847	Good	Good			remove	
7474	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	15	707	Good	Fair	Unbalanced.		remove	
7475	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	38	38	20	1256	Good	Good			remove	
7476	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	25	1963	Good	Good			remove	
7477	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	31	31	20	1256	Good	Good			remove	
7478	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	11	11	12	452	Good	Good			remove	
7479	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	16	16	12	452	Good	Good			remove	
7485	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	27	27	16	804	Good	Fair	Unbalanced.		remove	
7491	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	31	31	23	1661	Good	Fair	Crooked trunk.		remove	

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7492	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	29	29	18	1017	Good	Good			remove	
7497	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	27	27	14	615	Good	Good			remove	
7500	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	12	452	Fair	Fair			remove	
7501	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	27	27	10	314	Good	Fair	Unbalanced.		remove	
7502	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	21	21	12	452	Good	Fair	Unbalanced.		remove	
7503	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	20	1256	Good	Fair	Sweeping trunk.		remove	
7504	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	15	707	Good	Good			remove	
7505	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	15	707	Good	Good			remove	
7506	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	16	16	8	201	Good	Poor	Crooked trunk.		remove	
7507	DE-8	Pacific madrone	<i>Arbutus menziesii</i>	7	7	15	707	Good	Fair	Horizontal trunk.		remove	
7508	DE-16	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	15	707	Fair	Fair	Wrong icon, thin, unbalanced.		remove	
7510	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	18	18	15	707	Good	Fair	Unbalanced.		remove	
7511	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	21	21	15	707	Good	Fair	Unbalanced.		remove	
7512	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	13	13	15	707	Good	Good			retain	x
7513	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	24	24	18	1017	Good	Good			retain	x
7514	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	19	19	15	707	Good	Fair	Unbalanced.		retain	x
7515	EV-6	Douglas fir	<i>Pseudotsuga menziesii</i>	7	7	0	0	Dead	Dead			remove	
7516	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	15	707	Good	Good			retain	x
7517	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	9	9	0	0	Dead	Dead			remove	
7518	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	15	15	12	452	Good	Poor	Sweeping trunk.		retain	x
7519	EV-10	Douglas fir	<i>Pseudotsuga menziesii</i>	12	12	10	314	Fair	Fair	Suppressed, unbalance to S.		retain	x
7520	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	27	27	20	1256	Good	Good			remove	
7521	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	14	14	10	314	Good	Fair	Crooked trunk, unbalanced to the S.		retain	x
7522	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	9	9	6	113	Fair	Fair	Suppressed.		retain	x
7523	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	28	28	15	707	Good	Fair	Sweeping trunk.		retain	x
7524	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	21	21	12	452	Good	Fair	Sweeping trunk.		retain	x
7525	EV-6	Douglas fir	<i>Pseudotsuga menziesii</i>	6	6	10	314	Good	Fair	Suppressed.		retain	x
7526	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	18	18	10	314	Good	Fair			remove	
7527	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	11	11	6	113	Fair	Fair			retain	x
7529	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	10	10	12	452	Good	Fair	Nest, sweeping trunk, suppressed		remove	
7530	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	22	22	15	707	Fair	Fair	High crown, sweeping trunk.		remove	
7531	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	14	14	6	113	Fair	Fair	Suppressed.		remove	
7532	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	22	22	25	1963	Good	Fair	Unbalanced.		remove	
7534	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	24	24	18	1017	Good	Poor	Red ring rot, codominant top.		remove	
7535	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	18	18	10	314	Good	Fair	Unbalanced.		remove	
7536	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	12	12	8	201	Good	Poor	Trunk oddities.		remove	
7537	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	16	16	10	314	Good	Fair	Suppressed, unbalanced.		remove	
7538	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	12	452	Good	Good			remove	
7539	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	21	21	15	707	Good	Poor	Red ring rot.		remove	
7540	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	29	29	18	1017	Fair	Fair	Thin, unbalanced .		remove	
7541	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	29	29	14	615	Good	Good			remove	
7542	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	19	19	9	254	Fair	Fair	High crown.		remove	
7545	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	17	17	10	314	Good	Fair	Sweeping trunk.		remove	
7546	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	12	12	8	201	Good	Fair	Unbalanced.		remove	
7547	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	23	23	12	452	Good	Fair	Unbalanced , high crown		remove	
7548	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	24	24	15	707	Good	Fair	High crown, unbalanced		remove	
7549	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	19	19	15	707	Good	Fair	High crown.		remove	
7550	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	14	14	13	531	Good	Poor	Unbalanced , suppressed		remove	
7551	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	13	531	Fair	Fair	High crown.		remove	
7552	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	12	452	Good	Good			remove	
7553	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	15	15	12	452	Good	Fair	Unbalanced.		remove	
7554	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	15	707	Good	Good			remove	
7556	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	18	18	15	707	Good	Good			remove	
7557	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	18	1017	Good	Fair	Unbalanced , crooked trunk		remove	
7558	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	15	707	Good	Good			remove	
7559	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	18	18	15	707	Good	Good			remove	
7561	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	15	707	Good	Good			remove	
7562	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	20	1256	Good	Good			remove	
7563	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	20	1256	Fair	Poor	Red ring rot.		remove	
7564	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	25	1963	Poor	Fair	Thin, declining.		remove	

Attachment 2

Tree No.	Svy. Descript.	Common Name	Scientific name	DBH ¹	Converted to Single Stem DBH	C-Rad ²	Canopy Area (sq. ft.)	Condition ³	Structure ³	Comments	Offsite	Treatment	Retained, Onsite, & Outside Env. Constrained Lands
7565	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	24	24	15	707	Good	Fair	Sweeping trunk.		remove	
7566	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	12	12	12	452	Good	Poor	Lost top.		remove	
7567	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	15	707	Fair	Fair	Crooked trunk.		remove	
7568	DE-12	Pacific madrone	<i>Arbutus menziesii</i>	11	11	5	79	Fair	Fair	Horizontal trunk.		remove	
7569	EV-20-16	Douglas fir	<i>Pseudotsuga menziesii</i>	28,20	34	20	1256	Good	Fair	Codominant leaders, crack at base.		retain	x
7570	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	25	1963	Good	Good	Habitat tree at base.		retain	x
7571	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	34	34	15	707	Good	Fair	Codominant at 10'.		remove	
7572	EV-6	Douglas fir	<i>Pseudotsuga menziesii</i>	6	6	12	452	Fair	Fair	Suppressed.		remove	
7573	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	12	12	10	314	Fair	Fair	Thin, suppressed.		retain	x
7574	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	15	707	Fair	Fair	Unbalanced to the S, utility clearance.		remove	
7575	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	21	21	15	707	Good	Fair	Unbalanced to the S.		remove	
7576	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	14	14	12	452	Very poor	Very poor	Almost dead.		remove	
7577	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	24	24	13	531	Good	Fair	Unbalanced to S, pruned for utility lines.		remove	
7578	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	15	707	Good	Good			retain	x
7579	EV-10	Douglas fir	<i>Pseudotsuga menziesii</i>	11	11	12	452	Good	Good			retain	x
7580	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	19	19	12	452	Fair	Fair	Thin, unbalanced to the S.		remove	
7581	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	9	9	8	201	Fair	Fair	Suppressed.		remove	
7582	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	9	9	8	201	Fair	Fair	Suppressed, conk.		remove	
7583	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	15	707	Good	Fair	Unbalanced to s.		remove	
7584	EV-6	Douglas fir	<i>Pseudotsuga menziesii</i>	6	6	8	201	Good	Poor	Suppressed, codominant leaders.		remove	
7585	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	15	707	Fair	Poor	Stem cavity, unbalanced to S, crooked.		remove	
7586	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	21	21	15	707	Good	Fair	Unbalanced to the S.		remove	
7587	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	15	707	Poor	Poor	Codominant, thin.		remove	
7588	EV-18-18	Douglas fir	<i>Pseudotsuga menziesii</i>	38	38	30	2826	Fair	Poor	Codominant leaders with secondary leaders, fused, red ring rot.		remove	
7589	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	28	28	20	1256	Good	Fair	Unbalanced to the S, crooked.		retain	x
7590	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	19	19	18	1017	Fair	Fair			retain	x
7591	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	21	21	15	707	Good	Good			remove	
7592	DE-6	willow	<i>Salix sp.</i>	6	6	10	314	Fair	Poor	Deadwood.		retain	x
7594	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	23	23	13	531	Good	Good			remove	
7595	EV-6	Douglas fir	<i>Pseudotsuga menziesii</i>	6	6	8	201	Fair	Fair	Suppressed.		remove	
7596	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	18	1017	Good	Fair	Unbalanced.		remove	
7597	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	16	16	18	1017	Good	Good			remove	
7598	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	20	1256	Good	Fair	Unbalanced.		remove	
7599	EV-10	Douglas fir	<i>Pseudotsuga menziesii</i>	10	10	10	314	Good	Good			remove	
7600	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	24	24	20	1256	Good	Fair	Crooked trunk.		remove	
7601	EV-6	Douglas fir	<i>Pseudotsuga menziesii</i>	6	6	10	314	Poor	Poor	Thin, suppressed.		remove	
7602	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	16	16	15	707	Good	Good			remove	
7603	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	13	13	12	452	Good	Fair			remove	
7604	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	17	17	10	314	Good	Fair			remove	
7605	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	16	16	13	531	Good	Fair	Unbalanced.		remove	
7606	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	27	27	15	707	Good	Good			remove	
7607	EV-10	Douglas fir	<i>Pseudotsuga menziesii</i>	10	10	0	0	Dead	Dead			remove	
7608	EV-10	Douglas fir	<i>Pseudotsuga menziesii</i>	11	11	0	0	Dead	Dead			remove	
7609	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	23	23	15	707	Good	Good			remove	
7610	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	18	1017	Good	Good			remove	
7611	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	33	33	18	1017	Good	Good			remove	
7612	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	11	11	10	314	Good	Fair	High crown.		remove	
7613	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	8	201	Good	Fair	High crown.		remove	
7614	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	20	1256	Good	Good			remove	
7619	DE-14	red alder	<i>Alnus rubra</i>	20	20	5	79	Very poor	Very poor	Almost dead.		retain	
7620	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	24	24	18	1017	Fair	Fair	Unbalanced and sweeping trunk.		retain	
7621	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	16	16	12	452	Poor	Poor	Unbalanced, twisted.		retain	
7622	DE-16	red alder	<i>Alnus rubra</i>	22	22	20	1256	Good	Fair	Lost top, dying.		retain	
7626	EV-8	western redcedar	<i>Thuja plicata</i>	8	8	15	707	Good	Good			retain	
7627	EV-34	western redcedar	<i>Thuja plicata</i>	37	37	0	0	Dead	Dead			retain	
7628	EV-6	Douglas fir	<i>Pseudotsuga menziesii</i>	6	6	0	0	Poor	Poor	Grafted on to dead cedar.		retain	
7629	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	14	14	0	0	Dead	Dead			retain	
7630	DE-6	western serviceberry	<i>Amelanchier alnifolia</i>	7	7	10	314	Good	Fair	Codominant leaders, crossed and fused.		retain	
7631	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	14	14	0	0	Dead	Dead			retain	
7634	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	16	16	12	452	Fair	Poor	Sweeping trunk, thin, discolored.	x	retain	

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7635	EV-12	western redcedar	<i>Thuja plicata</i>	11	11	10	314	Good	Fair	Uprooted and regrew, phototropic.		retain	
7636	DE-6X2	plum	<i>Prunus sp.</i>	9.8	12	8	201	Fair	Fair			retain	
7642	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	15	707	Fair	Fair	Unbalanced, thin.	x	retain	
7643	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	22	22	15	707	Good	Good			retain	
7644	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	8	8	6	113	Fair	Good	Suppressed.		retain	
7645	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	0	0	Dead	Dead			retain	
7649	DE-20	red alder	<i>Alnus rubra</i>	25	25	0	0	Dead	Dead			retain	
7652	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	13	13	10	314	Good	Fair	High crown.		retain	
7656	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	13	13	10	314	Good	Fair	Unbalanced.		retain	
7658	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	16	16	10	314	Good	Fair	Unbalanced, high crown.		retain	
7659	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	7	7	10	314	Poor	Poor	Thin, declining.		retain	
7660	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	14	14	10	314	Good	Poor	Codominant top.		retain	
7662	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	10	10	0	0	Dead	Dead			retain	
7665	DE-20	Oregon ash	<i>Fraxinus latifolia</i>	26	26	20	1256	Good	Good			retain	
7675	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	15	707	Good	Good			retain	
7676	EV-34	western redcedar	<i>Thuja plicata</i>	20	20	0	0	Dead	Dead			retain	
7677	EV-32	Douglas fir	<i>Pseudotsuga menziesii</i>	14	14	15	707	Good	Fair	Unbalanced.		retain	
7678	DE-10	Douglas fir	<i>Pseudotsuga menziesii</i>	10	10	10	314	Good	Good		x	retain	
7679	DE-12	Douglas fir	<i>Pseudotsuga menziesii</i>	12	12	8	201	Good	Good		x	retain	
7680	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	14	14	10	314	Fair	Good	Thin.	x	retain	
7686	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	15	707	Good	Good			retain	
7688	DE-12	unknown	unknown	12	12	0	0	Dead	Dead			retain	
7695	DE-12	plum	<i>Prunus sp.</i>	10	10	20	1256	Fair	Poor	Multistem, declining.		retain	x
7696	DE-14	willow	<i>Salix sp.</i>	13	13	20	1256	Good	Fair	Ivy, multistem.		retain	x
7697	DE-8	willow	<i>Salix sp.</i>	8	8	15	707	Fair	Fair	Terminal dieback, ivy, multistem.		retain	x
7705	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	15	15	0	0	Dead	Dead		x	retain	
7706	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	15	15	8	201	Fair	Good	Thin discolored.	x	retain	
7707	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	25	1963	Good	Fair	Unbalanced, sweeping trunk.		retain	
7708	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	21	21	10	314	Good	Fair	Ivy, unbalanced.		retain	
7709	EV-6	Douglas fir	<i>Pseudotsuga menziesii</i>	6	6	8	201	Fair	Poor	Suppressed, few live limbs.		retain	
7710	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	27	27	20	1256	Good	Fair	Red ring rot.		retain	
7711	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	14	14	15	707	Good	Fair	Unbalanced, suppressed.		retain	
7712	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	8	8	10	314	Good	Fair	Red ring rot.	x	retain	
7713	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	10	314	Good	Fair	Red ring rot.	x	retain	
7714	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	14	14	8	201	Good	Good			retain	
7715	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	8	8	10	314	Fair	Fair	Ivy, unbalanced, suppressed.		retain	
7716	DE-6	western serviceberry	<i>Amelanchier alnifolia</i>	7	7	20	1256	Good	Good		x	retain	
7720	DE-14	red alder	<i>Alnus rubra</i>	13	13	10	314	Good	Good			remove	
7721	DE-12	red alder	<i>Alnus rubra</i>	11	11	10	314	Good	Good			remove	
7722	DE-14	red alder	<i>Alnus rubra</i>	13	13	15	707	Good	Good			remove	
7723	DE-14	red alder	<i>Alnus rubra</i>	13	13	12	452	Good	Good			remove	
7724	DE-10	red alder	<i>Alnus rubra</i>	10	10	5	79	Good	Good			remove	
7725	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	20	1256	Good	Good	Unbalanced.		remove	
7727	EV-12	western redcedar	<i>Thuja plicata</i>	11	11	12	452	Good	Good			retain	
7729	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	15	707	Good	Fair	Sweeping trunk.		remove	
7730	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	15	707	Poor	Poor	Thin, dead codominant.		remove	
7731	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	33	33	20	1256	Fair	Good	Thin.		remove	
7732	EV-32	Douglas fir	<i>Pseudotsuga menziesii</i>	34	34	20	1256	Good	Fair	Unbalanced.		remove	
7733	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	34	34	25	1963	Good	Good			remove	
7734	EV-28-16	Douglas fir	<i>Pseudotsuga menziesii</i>	41	41	20	1256	Good	Fair	Codominant leaders.		remove	
7737	EV-36-12	Douglas fir	<i>Pseudotsuga menziesii</i>	38,15	41	20	1256	Good	Fair			remove	
7750	DE-14	yew	<i>Taxus brevifolia</i>	14	14	15	707	Fair	Good	Thin, suppressed.		retain	
7762	DE-6	bigleaf maple	<i>Acer macrophyllum</i>	6	6	12	452	Good	Good			retain	
7763	DE-18	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	15	707	Good	Good			retain	
7764	DE-18	Douglas fir	<i>Pseudotsuga menziesii</i>	18	18	20	1256	Good	Good		x	retain	
7766	DE-15-10	cherry	<i>Prunus avium</i>	16,9	19	25	1963	Good	Good		x	retain	
7767	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	34	34	25	1963	Good	Good		x	retain	
7768	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	24	24	25	1963	Good	Good			retain	
7769	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	36	36	39	4776	Good	Good			remove	
7770	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	39	39	30	2826	Good	Good			remove	

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Tree No.	Svy. Descript.	Common Name	Scientific name	DBH ¹	Converted to Single Stem DBH	C-Rad ²	Canopy Area (sq. ft.)	Condition ³	Structure ³	Comments	Offsite	Treatment	Retained, Onsite, & Outside Env. Constrained Lands
7772	DE-22	bigleaf maple	<i>Acer macrophyllum</i>	25	25	30	2826	Good	Good		x	remove	
7773	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	34	34	20	1256	Good	Good			remove	
7774	DE-12	bigleaf maple	<i>Acer macrophyllum</i>	13	13	20	1256	Good	Good		x	retain	
7775	DE-16	western hemlock	<i>Tsuga heterophylla</i>	20	20	15	707	Poor	Good	High declining brown crown, wrong icon.		remove	
7777	DE-12	western hemlock	<i>Tsuga heterophylla</i>	15	15	0	0	Dead	Dead			remove	
7778	EV-10	yew	<i>Taxus brevifolia</i>	10	10	10	314	Poor	Good	Suppressed.		remove	
7779	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	33	33	25	1963	Good	Good			remove	
7780	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	37	37	20	1256	Good	Good			remove	
7781	EV-10	western redcedar	<i>Thuja plicata</i>	11	11	12	452	Good	Good			retain	
7782	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	28	28	15	707	Good	Good			retain	
7783	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	29	29	12	452	Good	Fair	Unbalanced.		retain	
7784	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	12	12	8	201	Good	Poor	Red ring rot, suppressed.		retain	
7786	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	28	28	25	1963	Good	Good			retain	
7787	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	23	23	15	707	Good	Poor	Heavily unbalanced.		retain	
7788	EV-26	western hemlock	<i>Tsuga heterophylla</i>	29	29	15	707	Fair	Very poor	Thin, discolored, codominant, twisted.		remove	
7789	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	0	0	Dead	Dead			remove	
7790	EV-8	yew	<i>Taxus brevifolia</i>	9	9	15	707	Good	Good			retain	
7791	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	15	707	Good	Good			retain	
7792	DE-16	red alder	<i>Alnus rubra</i>	16	16	15	707	Good	Good			retain	
7793	DE-14	red alder	<i>Alnus rubra</i>	15	15	15	707	Poor	Poor	Thin, few live limbs.		remove	
7795	EV-32	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	20	1256	Good	Fair	Unbalanced, sweeping trunk.		retain	
7796	EV-38	Douglas fir	<i>Pseudotsuga menziesii</i>	21	21	20	1256	Good	Fair	Sweeping trunk.		retain	
7797	DE-12	yew	<i>Taxus brevifolia</i>	11	11	12	452	Poor	Poor	Declining.		retain	
7798	EV-38	Douglas fir	<i>Pseudotsuga menziesii</i>	38	38	25	1963	Fair	Good	Discolored foliage, heavy ivy.		retain	x
7799	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	14	14	15	707	Poor	Fair	Suppressed, discolored foliage.		retain	x
7800	EV-40	Douglas fir	<i>Pseudotsuga menziesii</i>	43	43	30	2826	Good	Fair	Unbalanced to the S, possible old artists conk found.		retain	x
7801	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	31	31	20	1256	Good	Good			retain	x
7802	EV-10	Douglas fir	<i>Pseudotsuga menziesii</i>	11	11	15	707	Fair	Poor	Suppressed, crooked trunk, unbalanced to S.		retain	x
7803	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	21	21	12	452	Fair	Poor	Red ring rot, crooked trunk.		retain	x
7804	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	24	24	15	707	Fair	Fair	Discolored, high crown.		retain	x
7810	DE-16	Oregon ash	<i>Fraxinus latifolia</i>	17	17	18	1017	Good	Fair			retain	
7811	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	13	13	18	1017	Good	Fair			retain	
7814	DE-10	casara	<i>Rhamnus purshiana</i>	10	10	15	707	Good	Fair	Lost top, suppressed.		retain	
7833	EV-36	Douglas fir	<i>Pseudotsuga menziesii</i>	35	35	30	2826	Good	Good			retain	
7834	DE-16	cherry	<i>Prunus avium</i>	17	17	20	1256	Fair	Good	Thin.		retain	
7835	EV-36	Douglas fir	<i>Pseudotsuga menziesii</i>	34	34	25	1963	Good	Good			retain	
7836	DE-8	casara	<i>Rhamnus purshiana</i>	8	8	8	201	Very poor	Very poor	Thin, decaying.		retain	
7837	DE-8	unknown	unknown	8	8	0	0	Dead	Dead			remove	
7838	DE-16	willow	<i>Salix sp.</i>	20	20	18	1017	Poor	Poor	Declining, cracks and decay.		retain	
7840	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	35	35	30	2826	Good	Good			retain	
7841	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	12	12	0	0	Dead	Dead			retain	
7842	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	31	31	25	1963	Good	Good			retain	
7843	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	30	2826	Good	Good			retain	
7844	DE-8	cherry	<i>Prunus avium</i>	10	10	13	531	Good	Good			retain	
7845	DE-6	cherry	<i>Prunus avium</i>	7	7	12	452	Good	Good			retain	
7846	DE-8	casara	<i>Rhamnus purshiana</i>	8	8	6	113	Fair	Poor	Broken top.		retain	
7849	DE-20	Oregon ash	<i>Fraxinus latifolia</i>	23	23	25	1963	Good	Good			retain	
7850	DE-16	red alder	<i>Alnus rubra</i>	19	19	0	0	Dead	Dead			retain	
7851	DE-20	Oregon ash	<i>Fraxinus latifolia</i>	22	22	20	1256	Good	Good			retain	
7852	DE-18	Oregon ash	<i>Fraxinus latifolia</i>	18	18	30	2826	Good	Good			retain	
7853	DE-16	red alder	<i>Alnus rubra</i>	18	18	0	0	Dead	Dead			retain	
7854	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	9	9	20	1256	Good	Good			retain	
7855	EV-34	Douglas fir	<i>Pseudotsuga menziesii</i>	33	33	20	1256	Good	Fair	Sweeping trunk, unbalanced.		retain	
7861	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	20	1256	Good	Fair	Sweeping trunk, unbalanced.		retain	
7862	DE-12	red alder	<i>Alnus rubra</i>	14	14	0	0	Dead	Dead			retain	
7863	EV-18	western redcedar	<i>Thuja plicata</i>	18	18	20	1256	Good	Fair	Stem wound.		retain	
7864	EV-34	western redcedar	<i>Thuja plicata</i>	29	29	15	707	Good	Poor	Lean, partially uprooted.		retain	
7865	DE-26	Oregon ash	<i>Fraxinus latifolia</i>	28	28	25	1963	Good	Good	Large deadwood.		retain	
7866	DE-14X4	Oregon ash	<i>Fraxinus latifolia</i>	20,12,12, 12	29	35	3847	Good	Fair	Multiple leaders.		retain	
7869	DE-10-8-8	red alder	<i>Alnus rubra</i>	10,8,9	16	0	0	Dead	Dead			retain	

Attachment 2

Tree No.	Svy. Descript.	Common Name	Scientific name	DBH ¹	Converted to Single Stem DBH	C-Rad ²	Canopy Area (sq. ft.)	Condition ³	Structure ³	Comments	Offsite	Treatment	Retained, Onsite, & Outside Env. Constrained Lands
7879	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	13	13	18	1017	Good	Good			retain	
7880	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	13	13	10	314	Good	Good			retain	
7881	EV-36	Douglas fir	<i>Pseudotsuga menziesii</i>	33	33	20	1256	Good	Fair	Sweeping trunk.		retain	
7882	EV-38	Douglas fir	<i>Pseudotsuga menziesii</i>	42	42	25	1963	Good	Good			retain	
7883	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	7	7	10	314	Good	Good			retain	
7884	DE-14	Oregon ash	<i>Fraxinus latifolia</i>	15	15	25	1963	Good	Good			retain	
7885	DE-12	cherry	<i>Prunus avium</i>	12	12	12	452	Good	Good			retain	
7886	DE-12	cherry	<i>Prunus avium</i>	13	13	12	452	Good	Good			retain	
7887	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	8	8	12	452	Good	Good			retain	
7895	DE-34-14-16-12	Oregon ash	<i>Fraxinus latifolia</i>	16,18,30,22	44	35	3847	Fair	Very poor			retain	
7900	DE-26-12X6	Oregon ash	<i>Fraxinus latifolia</i>	61	61	20	1256	Fair	Very poor	Severe trunk decay, 13" dia sprouts.		retain	
7901	DE-22-16-14	Oregon ash	<i>Fraxinus latifolia</i>	14,18,22	32	25	1963	Fair	Poor	Basal decay.		retain	
7902	DE-8	hawthorn	<i>Crataegus douglasii</i>	10	10	10	314	Good	Fair			retain	
7903	DE-16	Oregon ash	<i>Fraxinus latifolia</i>	15	15	15	707	Good	Good			retain	
7904	DE-20-14	Oregon ash	<i>Fraxinus latifolia</i>	22,14	26	25	1963	Good	Fair	Compromised trunk with decay.		retain	
7905	DE-14	Oregon ash	<i>Fraxinus latifolia</i>	13	13	15	707	Good	Good			retain	
7906	DE-14	Oregon ash	<i>Fraxinus latifolia</i>	13	13	15	707	Good	Good			retain	
7907	DE-12	willow	<i>Salix sp.</i>	11	11	8	201	Good	Good			retain	
7908	DE-18-12X4	Oregon ash	<i>Fraxinus latifolia</i>	14,14,14,18	30	35	3847	Good	Fair	Multiple leaders.		retain	
7912	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	13	13	13	531	Good	Fair	Crooked trunk.		remove	
7914	DE-12	red alder	<i>Alnus rubra</i>	11	11	20	1256	Good	Good			remove	
7915	DE-10	red alder	<i>Alnus rubra</i>	9	9	20	1256	Good	Good			remove	
7917	EV-40	Douglas fir	<i>Pseudotsuga menziesii</i>	41	41	35	3847	Good	Fair	Codominant leaders.	x	retain	
7918	DE-10	cherry	<i>Prunus avium</i>	8	8	10	314	Good	Fair	Codominant leaders.	x	retain	
7919	DE-12	cherry	<i>Prunus avium</i>	11	11	10	314	Good	Good		x	retain	
7920	DE-12	cherry	<i>Prunus avium</i>	12	12	15	707	Good	Good		x	retain	
7921	DE-6	cherry	<i>Prunus avium</i>	7	7	8	201	Fair	Fair	Thin high crown.		remove	
7924	DE-26	cherry	<i>Prunus avium</i>	24	24	25	1963	Good	Fair	Codominant leaders.		remove	
7928	DE-8	filbert	<i>Corylus sp.</i>	8	8	12	452	Good	Good	Multistem filbert.		retain	
7929	DE-16	cherry	<i>Prunus avium</i>	20	20	20	1256	Good	Fair	Codominant leaders.		remove	
7930	DE-14	cherry	<i>Prunus avium</i>	17	17	20	1256	Good	Fair	Codominant leaders.		remove	
7933	DE-8	dogwood	<i>Cornus nuttallii</i>	10	10	12	452	Good	Good			remove	
8197	DE-6	cherry	<i>Prunus avium</i>	6	6	8	201	Good	Fair	Unbalanced.		remove	
8198	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	10	10	15	707	Good	Fair	Unbalanced.		remove	
8199	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	7	7	0	0	Dead	Dead			remove	
8200	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	8	8	0	0	Dead	Dead			remove	
8201	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	13	13	12	452	Fair	Fair			remove	
8202	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	18	18	12	452	Fair	Fair	Thin, high crown.		remove	
8203	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	24	24	18	1017	Good	Good			remove	
8204	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	28	28	20	1256	Good	Poor	Moderate red ring rot.		remove	
8209	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	9	9	12	452	Good	Fair	Unbalanced.		remove	
8210	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	8	8	8	201	Fair	Fair	Suppressed.		remove	
8211	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	13	13	12	452	Good	Fair	High crown.		remove	
8212	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	16	16	15	707	Good	Fair	Unbalanced.		remove	
8213	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	11	11	8	201	Fair	Fair	Thin, weird buttress root.		remove	
8214	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	15	707	Good	Fair	Unbalanced.		remove	
8215	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	18	18	12	452	Good	Fair	Unbalanced.		remove	
8216	EV-6	Douglas fir	<i>Pseudotsuga menziesii</i>	6	6	0	0	Dead	Dead			remove	
8217	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	19	19	15	707	Good	Good			remove	
8218	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	15	15	0	0	Dead	Dead			remove	
8220	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	25	1963	Good	Good			remove	
8221	EV-10	cherry	<i>Prunus avium</i>	9	9	10	314	Good	Good			remove	
8222	DE-8	cherry	<i>Prunus avium</i>	8	8	15	707	Good	Fair	Unbalanced.		remove	
8224	DE-6	cherry	<i>Prunus avium</i>	6.5	8	10	314	Good	Fair	Unbalanced, suppressed.		remove	
8225	EV-38	Douglas fir	<i>Pseudotsuga menziesii</i>	41	41	25	1963	Good	Good			remove	
8226	DE-8	dogwood	<i>Cornus nuttallii</i>	8	8	8	201	Good	Fair	Unbalanced.		remove	
8227	DE-6	cherry	<i>Prunus avium</i>	6	6	8	201	Good	Good			remove	
8229	DE-12X2	cherry	<i>Prunus avium</i>	20	20	20	1256	Good	Fair	Fused codominant leaders.		remove	
8231	DE-8	cherry	<i>Prunus avium</i>	7	7	12	452	Good	Fair	Unbalanced.		remove	
8233	DE-8	cherry	<i>Prunus avium</i>	9	9	12	452	Good	Good			remove	

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8234	DE-14X2	cherry	<i>Prunus avium</i>	13,13	18	20	1256	Good	Fair	Codominant leaders.		remove	
8235	DE-8	cherry	<i>Prunus avium</i>	8	8	10	314	Good	Fair	Unbalanced, lean.		remove	
8236	DE-20	bigleaf maple	<i>Acer macrophyllum</i>	21	21	20	1256	Good	Good			remove	
8237	DE-8	cherry	<i>Prunus avium</i>	8	8	12	452	Good	Fair	Unbalanced, suppressed.		remove	
8238	DE-6	cherry	<i>Prunus avium</i>	5	5	15	707	Good	Fair	Unbalanced, suppressed.		remove	
8252	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	18	18	12	452	Good	Good	Unbalanced.	x	retain	
8253	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	21	21	10	314	Good	Good			remove	
8254	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	12	12	8	201	Good	Good			remove	
8257	DE-6	bigleaf maple	<i>Acer macrophyllum</i>	7	7	12	452	Good	Good			remove	
8258	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	23	23	20	1256	Good	Good			remove	
8259	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	22	22	20	1256	Good	Good			remove	
8260	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	11	11	8	201	Good	Good			remove	
8261	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	9	9	0	0	Dead	Dead			remove	
8262	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	18	18	12	452	Good	Fair	Unbalanced.		remove	
8263	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	15	707	Good	Fair	Unbalanced.		remove	
8264	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	11	11	10	314	Fair	Fair	Unbalanced, suppressed.		remove	
8265	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	15	707	Good	Good			remove	
8266	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	17	17	15	707	Fair	Fair	Pistol grip/ "J" root.		remove	
8267	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	11	11	5	79	Poor	Fair	Thin, suppressed.		remove	
8269	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	11	11	0	0	Dead	Dead			remove	
8270	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	7	7	12	452	Fair	Fair	Unbalanced, suppressed.		remove	
8271	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	25	1963	Good	Fair	Sweeping trunk.		remove	
8274	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	14	14	10	314	Good	Good			retain	
8278	DE-12	red alder	<i>Alnus rubra</i>	13	13	18	1017	Good	Poor	Stem decay.		retain	
8279	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	22	22	15	707	Good	Good			retain	
8280	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	21	21	12	452	Good	Good			retain	
8281	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	14	14	8	201	Good	Good			retain	
8283	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	13	13	12	452	Good	Good			retain	x
8284	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	28	28	15	707	Good	Good			remove	
8285	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	21	21	10	314	Good	Fair	High crown.		remove	
8286	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	8	8	6	113	Good	Good			remove	
8287	DE-14	cherry	<i>Prunus avium</i>	14	14	18	1017	Good	Good			remove	
8288	EV-10	Douglas fir	<i>Pseudotsuga menziesii</i>	10	10	12	452	Good	Good			remove	
8298	DE-12	Douglas fir	<i>Pseudotsuga menziesii</i>	10	10	12	452	Good	Fair	Unbalanced.		remove	
8304	DE-6	cherry	<i>Prunus avium</i>	11	11	12	452	Fair	Good	Thin. 6" dead dogwood to east.		remove	
8309	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	15	707	Good	Good			retain	
8310	EV-8	Oregon ash	<i>Fraxinus latifolia</i>	8	8	20	1256	Good	Good	Wrong icon.		retain	
8311	DE-16	Oregon ash	<i>Fraxinus latifolia</i>	16	16	15	707	Fair	Fair	Declining, thin.		retain	
8312	DE-18	Oregon ash	<i>Fraxinus latifolia</i>	23	23	17	907	Good	Good			retain	
8313	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	17	17	0	0	Dead	Dead			retain	
8314	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	11	11	12	452	Good	Good			retain	
8315	DE-16	Oregon ash	<i>Fraxinus latifolia</i>	22	22	20	1256	Good	Fair	High crown.		retain	
8316	DE-6	bigleaf maple	<i>Acer macrophyllum</i>	7	7	20	1256	Good	Good			retain	
8317	DE-16	Oregon ash	<i>Fraxinus latifolia</i>	17	17	20	1256	Good	Good			retain	
8318	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	16	16	15	707	Good	Fair	Suppressed.		retain	
8319	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	7	7	12	452	Good	Fair	Unbalanced.		remove	
8320	DE-14	bigleaf maple	<i>Acer macrophyllum</i>	16	16	20	1256	Good	Good			remove	
8325	DE-10	bigleaf maple	<i>Acer macrophyllum</i>	10	10	20	1256	Good	Good			remove	
8326	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	20	1256	Good	Good			retain	
8328	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	25	1963	Fair	Fair	Thin, unbalanced, sweeping trunk.		retain	
8329	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	30	2826	Good	Fair	Unbalanced, suppressed		remove	
8332	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	15	707	Good	Good	Unbalanced.		retain	
8333	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	14	14	12	452	Good	Fair	Unbalanced.		remove	
8338	EV-32	Douglas fir	<i>Pseudotsuga menziesii</i>	36	36	25	1963	Good	Good			remove	
8339	EV-34	Douglas fir	<i>Pseudotsuga menziesii</i>	40	40	30	2826	Good	Good			retain	x
8343	DE-5	cherry	<i>Prunus avium</i>	5	5	10	314	Good	Good			remove	
8346	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	19	19	8	201	Good	Good			retain	
8356	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	17	17	16	804	Good	Fair	Unbalanced.		remove	
8357	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	18	18	20	1256	Good	Fair	Unbalanced, crooked trunk.		remove	
8358	EV-40	Douglas fir	<i>Pseudotsuga menziesii</i>	39	39	20	1256	Good	Good			remove	

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8359	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	28	28	20	1256	Good	Fair	Unbalanced.		remove	
8360	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	21	21	20	1256	Good	Fair			remove	
8376	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	15	15	15	707	Good	Good			remove	
8377	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	13	13	15	707	Good	Good			remove	
8379	EV-40	Douglas fir	<i>Pseudotsuga menziesii</i>	43	43	35	3847	Good	Good			remove	
8380	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	23	23	29	2641	Good	Fair	Lost and regrew top.		remove	
8381	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	34	34	30	2826	Good	Good			remove	
8382	DE-12	red alder	<i>Alnus rubra</i>	13	13	20	1256	Good	Good			remove	
8383	DE-18	cherry	<i>Prunus avium</i>	21	21	25	1963	Good	Good			remove	
8384	DE-12	cherry	<i>Prunus avium</i>	10	10	20	1256	Good	Fair	Unbalanced.		remove	
8387	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	20	1256	Good	Good			retain	
8388	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	25	1963	Good	Good			retain	
8389	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	35	35	25	1963	Good	Good			retain	
8390	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	8	8	8	201	Good	Good			retain	
8391	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	8	8	6	113	Good	Good			retain	
8394	DE-14-8-6	Oregon ash	<i>Fraxinus latifolia</i>	14,6,8	17	12	452	Good	Fair	Inclusion , deadwood.		retain	
8395	DE-14X2	Oregon ash	<i>Fraxinus latifolia</i>	12,12,12	21	20	1256	Good	Fair	Codominant leaders.		retain	
8396	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	10	10	15	707	Good	Good			retain	
8397	DE-14	Oregon ash	<i>Fraxinus latifolia</i>	14	14	15	707	Good	Good			retain	
8398	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	10	10	15	707	Good	Good			retain	
8399	DE-14	Oregon ash	<i>Fraxinus latifolia</i>	15	15	15	707	Good	Good			retain	
8400	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	8	8	15	707	Good	Good			retain	
8401	DE-18	Oregon ash	<i>Fraxinus latifolia</i>	18	18	15	707	Good	Good			retain	
8402	DE-14	Oregon ash	<i>Fraxinus latifolia</i>	14	14	10	314	Good	Good			retain	
8403	DE-8X2	Oregon ash	<i>Fraxinus latifolia</i>	8,7	11	20	1256	Good	Good			retain	
8404	DE-18	Oregon ash	<i>Fraxinus latifolia</i>	18	18	13	531	Good	Good			retain	
8405	DE-14	Oregon ash	<i>Fraxinus latifolia</i>	15	15	15	707	Good	Fair	High crown.		retain	
8406	DE-16	Oregon ash	<i>Fraxinus latifolia</i>	17	17	10	314	Good	Fair	J root, high crown.		retain	
8407	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	11	11	13	531	Good	Good			retain	
8408	DE-18-14	Oregon ash	<i>Fraxinus latifolia</i>	14,16	21	20	1256	Good	Fair	Codominant leaders.		retain	
8409	DE-6	Oregon ash	<i>Fraxinus latifolia</i>	7	7	6	113	Good	Good			retain	
8410	DE-24	Oregon ash	<i>Fraxinus latifolia</i>	23	23	20	1256	Good	Good			retain	
8411	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	14	14	20	1256	Good	Fair	Deadwood.		retain	
8412	DE-6	Oregon ash	<i>Fraxinus latifolia</i>	7	7	15	707	Good	Good			retain	
8413	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	8	8	8	201	Good	Good			retain	
8414	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	8	8	12	452	Good	Good			retain	
8415	DE-24	Oregon ash	<i>Fraxinus latifolia</i>	22	22	20	1256	Good	Fair	Lean.		retain	
8416	DE-22	Oregon ash	<i>Fraxinus latifolia</i>	22	22	20	1256	Good	Fair	Deadwood.		retain	
8417	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	6	6	6	113	Good	Good			retain	
8418	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	11	11	12	452	Good	Good			retain	
8419	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	12	12	12	452	Good	Good			retain	
8420	DE-6	Oregon ash	<i>Fraxinus latifolia</i>	5	5	12	452	Poor	Poor	Dead top.		retain	
8421	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	7	7	15	707	Good	Good			retain	
8422	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	9	9	8	201	Good	Good			retain	
8424	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	12	12	15	707	Good	Good			retain	
8425	DE-14	Oregon ash	<i>Fraxinus latifolia</i>	15	15	15	707	Good	Good			retain	
8426	DE-14	Oregon ash	<i>Fraxinus latifolia</i>	13	13	15	707	Good	Good			retain	
8427	DE-8-6	Oregon ash	<i>Fraxinus latifolia</i>	8,6	10	12	452	Good	Good			retain	
8428	DE-24	Oregon ash	<i>Fraxinus latifolia</i>	26	26	20	1256	Good	Fair	Cavity.		retain	
8429	DE-16	Oregon ash	<i>Fraxinus latifolia</i>	18	18	16	804	Good	Good			retain	
8430	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	10	10	20	1256	Good	Good			retain	
8431	DE-14	Oregon ash	<i>Fraxinus latifolia</i>	15	15	15	707	Good	Good			retain	
8432	DE-16	Oregon ash	<i>Fraxinus latifolia</i>	17	17	20	1256	Good	Fair	High crown.		retain	
8433	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	9	9	15	707	Good	Fair			retain	
8434	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	8	8	15	707	Good	Fair			retain	
8435	DE-6	Oregon ash	<i>Fraxinus latifolia</i>	7	7	12	452	Good	Good			retain	
8436	DE-16-14	Oregon ash	<i>Fraxinus latifolia</i>	17,15	23	20	1256	Good	Fair	Codominant leaders, high crown.		retain	
8438	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	27	27	18	1017	Good	Good			retain	
8439	DE-8	red alder	<i>Alnus rubra</i>	8	8	6	113	Good	Good			retain	
8440	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	29	29	18	1017	Good	Fair	Codominant leaders.		retain	

Attachment 2

Tree No.	Svy. Descript.	Common Name	Scientific name	DBH ¹	Converted to Single Stem DBH	C-Rad ²	Canopy Area (sq. ft.)	Condition ³	Structure ³	Comments	Offsite	Treatment	Retained, Onsite, & Outside Env. Constrained Lands
8441	DE-12	red alder	<i>Alnus rubra</i>	8	8	20	1256	Fair	Fair			retain	
8442	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	24	24	18	1017	Good	Good			retain	
8443	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	20	1256	Good	Fair	Broken top, thin, unbalanced.		retain	
8444	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	12	452	Good	Fair	Unbalanced.		retain	
8446	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	10	10	15	707	Good	Fair	High crown.		retain	
8448	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	14	14	0	0	Dead	Dead			retain	
8449	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	11	11	0	0	Dead	Dead			retain	
8450	DE-6	Oregon ash	<i>Fraxinus latifolia</i>	6	6	13	531	Good	Fair	Suppressed.		retain	
8452	DE-6	cherry	<i>Prunus avium</i>	6	6	6	113	Fair	Fair	Mechanical damage.		retain	
8453	DE-6	cherry	<i>Prunus avium</i>	6	6	6	113	Fair	Fair			retain	
8454	DE-6	cherry	<i>Prunus avium</i>	6	6	6	113	Fair	Fair			retain	
8455	DE-6	cherry	<i>Prunus avium</i>	6	6	6	113	Fair	Fair			retain	
8457	DE-6	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
8458	DE-6	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
8459	DE-6	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
8460	DE-6	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
8463	EV-24X2	Duplicate	N/A	0	0	0	0	N/A	N/A			n/a	
8465	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	31	31	30	2826	Good	Fair	Unbalanced.		remove	
8466	EV-28	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
8467	EV-24	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
8470	DE-8	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
8471	DE-6	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
8472	DE-6	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
8473	DE-10	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
8476	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	37	37	36	4069	Good	Poor	mechanical damage on all sides.		retain	
8477	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	25	1963	Good	Fair	Crooked trunk, mechanical damage, buried.		retain	
8478	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	23	23	12	452	Good	Poor	Crooked trunk, mechanical damage, seam.		retain	
8479	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	27	27	15	707	Good	Good	Buried.		retain	
8480	EV-6	Douglas fir	<i>Pseudotsuga menziesii</i>	7	7	6	113	Fair	Poor	Suppressed.		retain	
8481	EV-14	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
8482	EV-20	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
8485	EV-8	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
8486	EV-8	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
8487	EV-6	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
8488	EV-8	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
8489	EV-20	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
8490	EV-14	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
8491	EV-10	Douglas fir	<i>Pseudotsuga menziesii</i>	22	22	13	531	Good	Poor	Stem wound, buried.		retain	
8492	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	15	15	10	314	Good	Good	Buried.		retain	
8493	EV-48	Douglas fir	<i>Pseudotsuga menziesii</i>	46	46	25	1963	Good	Fair	Buried, likely had trunk wounds.		remove	
8494	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	23	23	10	314	Good	Fair	Mechanical damage.		retain	
8496	EV-40	western redcedar	<i>Thuja plicata</i>	41	41	20	1256	Good	Fair	Mechanical damage around entire trunk base		remove	
8497	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	22	22	15	707	Fair	Good	Thin, suppressed.		retain	
8498	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	30	2826	Fair	Good	Deadwood.		retain	
8499	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	19	19	0	0	Dead	Dead			retain	
8502	DE-14	Oregon ash	<i>Fraxinus latifolia</i>	15	15	20	1256	Good	Good	Poison oak.		x	retain
8503	EV-60	Douglas fir	<i>Pseudotsuga menziesii</i>	60	60	35	3847	Good	Poor	Poison oak, broken top, wildlife.		x	retain
8504	DE-6	Oregon ash	<i>Fraxinus latifolia</i>	6	6	8	201	Good	Good			x	retain
8506	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	13	13	15	707	Good	Good			retain	
8507	DE-24	Oregon ash	<i>Fraxinus latifolia</i>	25	25	30	2826	Good	Fair	Odd growth, snag to east.		retain	
8518	DE-24	red alder	<i>Alnus rubra</i>	25	25	0	0	Dead	Dead			retain	
8523	EV-40	Douglas fir	<i>Pseudotsuga menziesii</i>	42	42	28	2462	Good	Good			x	retain
8524	EV-32	Douglas fir	<i>Pseudotsuga menziesii</i>	29	29	20	1256	Good	Fair	Sweeping trunk.		x	retain
8525	EV-36	Douglas fir	<i>Pseudotsuga menziesii</i>	37	37	25	1963	Good	Good			retain	
8526	DE-28	Oregon ash	<i>Fraxinus latifolia</i>	28	28	15	707	Good	Fair			retain	
8527	DE-14	Oregon ash	<i>Fraxinus latifolia</i>	15	15	8	201	Good	Fair			retain	
8531	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	8	8	6	113	Good	Fair	Crooked trunk.		x	retain
8532	DE-14	Oregon ash	<i>Fraxinus latifolia</i>	12	12	12	452	Good	Fair	Crooked trunk.		x	retain
8533	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	8	8	8	201	Good	Good			x	retain
8534	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	12	12	8	201	Good	Fair	Mechanical damage.		x	retain

Attachment 2

Tree No.	Svy. Descript.	Common Name	Scientific name	DBH ¹	Converted to Single Stem DBH	C-Rad ²	Canopy Area (sq. ft.)	Condition ³	Structure ³	Comments	Offsite	Treatment	Retained, Onsite, & Outside Env. Constrained Lands
8535	DE-18	Oregon ash	<i>Fraxinus latifolia</i>	17	17	20	1256	Poor	Poor	Broken leader.		retain	
8536	DE-26	Oregon ash	<i>Fraxinus latifolia</i>	25	25	20	1256	Good	Fair	High crown.		retain	
8537	DE-32	Oregon ash	<i>Fraxinus latifolia</i>	28	28	25	1963	Good	Poor	High crown , codominant leaders, inclusion , seam		retain	
8538	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	8	8	10	314	Good	Fair	Trunk oddities.		retain	
8539	DE-26	Oregon ash	<i>Fraxinus latifolia</i>	25	25	25	1963	Fair	Fair			retain	
8540	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	8	8	8	201	Good	Good			retain	
8541	DE-14	Oregon ash	<i>Fraxinus latifolia</i>	15	15	15	707	Good	Good			retain	
8542	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	9	9	9	254	Good	Good			retain	
8543	DE-14	Oregon ash	<i>Fraxinus latifolia</i>	15	15	15	707	Good	Good			retain	
8544	DE-16	Oregon ash	<i>Fraxinus latifolia</i>	14	14	15	707	Good	Good			retain	
8545	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	8	8	0	0	Dead	Dead			retain	
8546	DE-20	Oregon ash	<i>Fraxinus latifolia</i>	20	20	20	1256	Good	Good			retain	
8547	DE-28	Douglas fir	<i>Pseudotsuga menziesii</i>	27	27	20	1256	Fair	Poor	Wrong icon, sweeping trunk, epicormic growth.		retain	
8548	EV-10	Douglas fir	<i>Pseudotsuga menziesii</i>	10	10	0	0	Dead	Dead			retain	
8549	DE-14	Oregon ash	<i>Fraxinus latifolia</i>	14	14	20	1256	Good	Good			retain	
8550	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	7	7	12	452	Good	Good	Mechanical damage.		retain	
8551	EV-24	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
8552	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	24	24	15	707	Fair	Good	Buried, thin.		retain	
8553	EV-14	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
8554	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	28	28	18	1017	Good	Good	Mechanical damage.		retain	
8555	DE-16	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
8564	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	18	1017	Good	Poor	Mechanical damage.		remove	
8565	EV-8-6	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
8566	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	23	23	12	452	Good	Fair	Sweeping trunk.		retain	
8567	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	12	12	8	201	Good	Poor	Suppressed , large mechanical wound.		retain	
8568	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	10	10	6	113	Good	Poor	Suppressed.		retain	
8569	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	21	21	12	452	Good	Poor	Red ring rot.		retain	
8570	EV-20	Oregon ash	<i>Fraxinus latifolia</i>	16	16	10	314	Fair	Fair	Fused trunks, codominant, high crown .		retain	
8571	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	17	17	0	0	Dead	Dead			retain	
8572	EV-14	Oregon ash	<i>Fraxinus latifolia</i>	15	15	15	707	Good	Fair	Unbalanced.		retain	
8573	EV-24	Oregon ash	<i>Fraxinus latifolia</i>	20	20	20	1256	Good	Fair	Unbalanced.		retain	
8574	EV-18	Oregon ash	<i>Fraxinus latifolia</i>	17	17	15	707	Fair	Fair	Narrow , high crown, wrong icon.		retain	
8576	DE-8	casara	<i>Rhamnus purshiana</i>	8	8	12	452	Good	Poor	Unbalanced , trunk cavity		retain	
8577	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	9	9	12	452	Good	Fair	Mechanical damage.		retain	
8580	EV-60	Douglas fir	<i>Pseudotsuga menziesii</i>	60	60	36	4069	Good	Good			remove	
8581	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	30	2826	Good	Poor	Codominant leaders, mechanical damage.		remove	
8582	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	12	452	Good	Poor	Mechanical damage to roots.		remove	
8585	DE-6	Douglas fir	<i>Pseudotsuga menziesii</i>	6	6	10	314	Poor	Poor	Suppressed.		remove	
8589	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	12	12	8	201	Poor	Good	Thin.		x	remove
8590	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	12	452	Good	Good			x	remove
8593	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	27	27	15	707	Good	Poor	Mechanical damage to anchoring root.		remove	
8594	EV-10	Douglas fir	<i>Pseudotsuga menziesii</i>	10	10	12	452	Fair	Fair	Thin, suppressed.		retain	
8597	DE-6	Oregon ash	<i>Fraxinus latifolia</i>	7	7	8	201	Good	Good			retain	
8603	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	21	21	12	452	Fair	Good	Thin.		retain	
8613	DE-10	red alder	<i>Alnus rubra</i>	9	9	5	79	Good	Poor	Dead codominant.		retain	
8615	DE-18-12	red alder	<i>Alnus rubra</i>	16,9	19	13	531	Good	Poor	Deadwood.		retain	
8616	DE-12	red alder	<i>Alnus rubra</i>	11	11	12	452	Good	Good			retain	
8617	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	9	9	15	707	Good	Fair			retain	
8618	DE-14	Oregon ash	<i>Fraxinus latifolia</i>	14	14	15	707	Good	Good	Suppressed.		retain	
8619	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	9	9	8	201	Good	Good			retain	
8622	DE-24	Oregon ash	<i>Fraxinus latifolia</i>	25	25	20	1256	Good	Poor	Stem cavities, large deadwood.		retain	
8624	DE-16-6	Oregon ash	<i>Fraxinus latifolia</i>	16,7	17	15	707	Good	Good			retain	
8633	DE-20X2	bigleaf maple	<i>Acer macrophyllum</i>	20,20	28	25	1963	Good	Fair	Mechanical damage to roots.		remove	
8634	DE-14	Oregon ash	<i>Fraxinus latifolia</i>	16	16	15	707	Good	Good			remove	
8635	DE-10	cherry	<i>Prunus avium</i>	9	9	12	452	Good	Fair	Unbalanced.		remove	
8636	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	21	21	15	707	Good	Good			remove	
8637	DE-14-8	cherry	<i>Prunus avium</i>	12,6	13	15	707	Good	Fair	Codominant leaders.		remove	
8638	DE-16	cherry	<i>Prunus avium</i>	14	14	23	1661	Fair	Fair	Self corrected lean.		remove	
8640	DE-14	Oregon ash	<i>Fraxinus latifolia</i>	6	6	13	531	Good	Fair			retain	
8641	DE-6	Oregon ash	<i>Fraxinus latifolia</i>	10	10	12	452	Good	Fair	Codominant leaders.		retain	

Attachment 2

Tree No.	Svy. Descript.	Common Name	Scientific name	DBH ¹	Converted to Single Stem DBH	C-Rad ²	Canopy Area (sq. ft.)	Condition ³	Structure ³	Comments	Offsite	Treatment	Retained, Onsite, & Outside Env. Constrained Lands
8642	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	9	9	10	314	Good	Fair			retain	
8643	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	10	10	10	314	Good	Fair			retain	
8644	DE-12	Willow	<i>Salix sp.</i>	12	12	8	201	Good	Good			retain	
8645	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	7	7	8	201	Good	Good			retain	
8646	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	7	7	9	254	Good	Good			retain	
8647	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	12	12	12	452	Good	Good			retain	
8648	DE-10-6	Oregon ash	<i>Fraxinus latifolia</i>	11.6	13	15	707	Good	Good			retain	
8649	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	8	8	8	201	Fair	Fair			retain	
8650	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	8	8	8	201	Good	Good			retain	
8651	DE-14	willow	<i>Salix sp.</i>	13	13	10	314	Poor	Fair	Declining.		retain	
8652	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	13	13	15	707	Good	Good			retain	
8653	DE-8	Willow	<i>Salix sp.</i>	6	6	6	113	Fair	Fair	Suppressed.		retain	
8654	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	31	31	20	1256	Good	Good			retain	
8655	DE-16-8	red alder	<i>Alnus rubra</i>	16.8	18	13	531	Fair	Fair	Thin, codominant leaders		retain	
8656	DE-8	casacara	<i>Rhamnus purshiana</i>	6	6	6	113	Fair	Fair	Large wound.		retain	
8657	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	9	9	12	452	Good	Good			retain	
8658	DE-6	Oregon ash	<i>Fraxinus latifolia</i>	6	6	8	201	Fair	Fair			retain	
8660	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	8	8	8	201	Good	Fair	Mechanical damage.		retain	
8671	EV-24X2	Douglas fir	<i>Pseudotsuga menziesii</i>	51	51	30	2826	Good	Fair	Codominant leaders.		remove	
8672	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	31	31	30	2826	Good	Fair	Unbalanced, mechanical damage		remove	
8673	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	25	1963	Good	Good	Mechanical damage.		remove	
8675	DE-8	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
8676	DE-6	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
8677	DE-10	willow	<i>Salix sp.</i>	19	19	15	707	Fair	Fair	Multistem willow, trees on ground around it.		remove	
8678	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	7	7	10	314	Fair	Fair	Buried.		remove	
8679	DE-8	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
8680	DE-16	willow	<i>Salix sp.</i>	13	13	10	314	Fair	Fair			retain	
8681	DE-6	Oregon ash	<i>Fraxinus latifolia</i>	6	6	6	113	Fair	Fair			retain	
8684	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	7	7	13	531	Good	Fair	Basal wound		retain	
8685	DE-24	Oregon ash	<i>Fraxinus latifolia</i>	23	23	30	2826	Good	Good			retain	
8686	DE-12	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
8689	EV-40	Douglas fir	<i>Pseudotsuga menziesii</i>	48	48	30	2826	Good	Fair	Mechanical damage to roots.		retain	
8690	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	11	11	10	314	Fair	Fair			retain	
8691	DE-30	Oregon ash	<i>Fraxinus latifolia</i>	30	30	20	1256	Fair	Poor	Decayed leader		retain	
8698	DE-26	Oregon ash	<i>Fraxinus latifolia</i>	30	30	30	2826	Good	Good			retain	
8699	DE-20	Oregon ash	<i>Fraxinus latifolia</i>	23	23	25	1963	Good	Good			retain	
8708	DE-16-12	Oregon ash	<i>Fraxinus latifolia</i>	12,15	19	20	1256	Good	Fair			retain	
8714	EV-16	Oregon ash	<i>Fraxinus latifolia</i>	13	13	15	707	Good	Good			retain	
8715	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	16	16	12	452	Good	Good			retain	
8719	DE-10	willow	<i>Salix sp.</i>	15	15	20	1256	Good	Fair			retain	
8722	DE-6	Oregon ash	<i>Fraxinus latifolia</i>	6	6	6	113	Fair	Fair			retain	
8723	DE-22-10	Oregon ash	<i>Fraxinus latifolia</i>	14,22	26	20	1256	Good	Poor	Trunk cavity.		retain	
8724	DE-14-12	Oregon ash	<i>Fraxinus latifolia</i>	15,3	15	20	1256	Good	Poor	Trunk wound.		retain	
8725	DE-6	Oregon ash	<i>Fraxinus latifolia</i>	8	8	20	1256	Good	Poor	Inclusion.		retain	
8726	DE-16	Oregon ash	<i>Fraxinus latifolia</i>	14	14	20	1256	Good	Poor	Inclusion.		retain	
8727	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	12	12	20	1256	Good	Poor	Inclusion.		retain	
8728	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	10	10	20	1256	Good	Poor	Inclusion.		retain	
8733	DE-8	cherry	<i>Prunus avium</i>	7	7	8	201	Good	Fair	Unbalanced , suppressed		remove	
8734	DE-8	cherry	<i>Prunus avium</i>	8	8	12	452	Good	Good			remove	
8735	DE-14	cherry	<i>Prunus avium</i>	16	16	20	1256	Good	Fair	Inclusion.		remove	
8736	DE-20	cherry	<i>Prunus avium</i>	20	20	20	1256	Good	Fair	Inclusion.		remove	
8737	DE-8	cherry	<i>Prunus avium</i>	8	8	10	314	Good	Fair	Inclusion.		remove	
8738	DE-10	cherry	<i>Prunus avium</i>	10	10	10	314	Fair	Fair			remove	
8739	DE-8	cherry	<i>Prunus avium</i>	8	8	6	113	Fair	Fair			remove	
8740	DE-6	cherry	<i>Prunus avium</i>	6	6	8	201	Fair	Fair			remove	
8741	DE-8	cherry	<i>Prunus avium</i>	8	8	6	113	Fair	Fair			remove	
8743	DE-10	casacara	<i>Rhamnus purshiana</i>	10	10	15	707	Good	Good			remove	
8747	DE-10	cherry	<i>Prunus avium</i>	10	10	10	314	Good	Good			remove	
8748	DE-16	cherry	<i>Prunus avium</i>	16	16	10	314	Good	Good			remove	
8749	DE-8	cherry	<i>Prunus avium</i>	8	8	10	314	Good	Good			remove	

Attachment 2

Tree No.	Svy. Descript.	Common Name	Scientific name	DBH ¹	Converted to Single Stem DBH	C-Rad ²	Canopy Area (sq. ft.)	Condition ³	Structure ³	Comments	Offsite	Treatment	Retained, Onsite, & Outside Env. Constrained Lands
8750	DE-8	cherry	<i>Prunus avium</i>	8	8	10	314	Good	Good			remove	
8751	DE-8	cherry	<i>Prunus avium</i>	7	7	10	314	Good	Good			remove	
8752	DE-8	cherry	<i>Prunus avium</i>	8	8	10	314	Good	Good			remove	
8753	DE-8	cherry	<i>Prunus avium</i>	9	9	10	314	Good	Good			remove	
8754	DE-10	cherry	<i>Prunus avium</i>	11	11	10	314	Good	Good			remove	
8755	DE-18	cherry	<i>Prunus avium</i>	17	17	15	707	Good	Good			remove	
8757	DE-8	cherry	<i>Prunus avium</i>	9	9	12	452	Good	Fair	Codominant with inclusion.		remove	
8758	DE-8	cherry	<i>Prunus avium</i>	9	9	10	314	Good	Good			remove	
8765	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	7	7	15	707	Good	Good			retain	
8766	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	13	13	18	1017	Good	Good			retain	
8767	DE-10	hawthorn	<i>Crataegus douglasii</i>	11	11	0	0	Dead	Dead			retain	
8768	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	11	11	15	707	Good	Good			retain	
8769	DE-14	Oregon ash	<i>Fraxinus latifolia</i>	7	7	10	314	Good	Good			retain	
8770	DE-18	willow	<i>Salix sp.</i>	18	18	12	452	Good	Fair			retain	
8771	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	10	10	8	201	Good	Good			retain	
8772	DE-6	red alder	<i>Alnus rubra</i>	6	6	0	0	Dead	Dead			retain	
8773	DE-12-6	red alder	<i>Alnus rubra</i>	12	12	8	201	Very poor	Fair	Declining.		retain	
8775	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	8	8	5	79	Fair	Fair			retain	
8776	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	11	11	10	314	Fair	Fair			retain	
8777	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	11	11	10	314	Fair	Fair			retain	
8778	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	9	9	10	314	Fair	Fair			retain	
8779	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	12	12	12	452	Fair	Fair			retain	
8780	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	9	9	12	452	Fair	Fair			retain	
8781	DE-8	willow	<i>Salix sp.</i>	6	6	6	113	Poor	Very poor	Declining.		retain	
8782	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	9	9	10	314	Good	Good			retain	
8783	DE-8	red alder	<i>Alnus rubra</i>	8	8	0	0	Dead	Dead			retain	
8784	DE-8	willow	<i>Salix sp.</i>	6	6	4	50	Good	Poor	Trunk wound.		retain	
8785	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	7	7	12	452	Good	Good			retain	
8786	DE-6	Oregon ash	<i>Fraxinus latifolia</i>	6	6	10	314	Good	Good			retain	
8787	DE-16-14-12	Oregon ash	<i>Fraxinus latifolia</i>	18,11,14	25	25	1963	Good	Poor	Inclusion , multistem.		retain	
8788	DE-14X2	Oregon ash	<i>Fraxinus latifolia</i>	23	23	15	707	Good	Poor	DBH at 4', codominant leaders, cavity.		retain	
8789	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	12	12	10	314	Good	Good			retain	
8790	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	9	9	10	314	Good	Good			retain	
8791	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	11	11	20	1256	Good	Good			retain	
8792	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	14	14	20	1256	Good	Good			retain	
8794	DE-18	Oregon ash	<i>Fraxinus latifolia</i>	15	15	15	707	Good	Good	Buried.		retain	x
8796	DE-8	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
8797	DE-8	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
8802	DE-10	cherry	<i>Prunus avium</i>	10	10	10	314	Good	Poor	Suppressed.		remove	
8803	DE-8	cherry	<i>Prunus avium</i>	12	12	12	452	Good	Poor	Crooked trunk.		remove	
8811	DE-20	Oregon ash	<i>Fraxinus latifolia</i>	20	20	22	1520	Good	Good			retain	
8812	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	8	8	10	314	Good	Good			retain	
8814	DE-16-14	Oregon ash	<i>Fraxinus latifolia</i>	18,14	23	15	707	Good	Fair	Codominant leaders.		retain	
8815	DE-14	Oregon ash	<i>Fraxinus latifolia</i>	13	13	12	452	Good	Good			retain	
8817	DE-12-8	Oregon ash	<i>Fraxinus latifolia</i>	15,9	16	15	707	Good	Good			retain	
8824	EV-32	Douglas fir	<i>Pseudotsuga menziesii</i>	33	33	25	1963	Good	Good	Buried.		retain	
8826	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	25	1963	Good	Good			retain	
8828	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	10	10	15	707	Good	Fair			retain	
8829	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	13	13	15	707	Good	Good			retain	
8830	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	13	13	15	707	Good	Fair	Trunk cavity.		retain	
8831	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	11	11	15	707	Good	Good			retain	
8832	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	10	10	10	314	Good	Good			retain	
8833	DE-10	Oregon ash	<i>Fraxinus latifolia</i>	8	8	10	314	Good	Good			retain	
8834	DE-12	Oregon ash	<i>Fraxinus latifolia</i>	12	12	13	531	Good	Good			retain	
8835	DE-6	Oregon ash	<i>Fraxinus latifolia</i>	6	6	15	707	Good	Fair	Suppressed.		retain	
8838	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	14	14	0	0	Dead	Dead			retain	
8839	EV-32	Douglas fir	<i>Pseudotsuga menziesii</i>	34	34	25	1963	Good	Good			retain	
8840	EV-38	Douglas fir	<i>Pseudotsuga menziesii</i>	40	40	25	1963	Good	Good	Partially buried.		retain	
8841	DE-6	Oregon ash	<i>Fraxinus latifolia</i>	6	6	10	314	Good	Good			retain	
8842	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	13	13	12	452	Good	Good			retain	

Attachment 2

Tree No.	Svy. Descript.	Common Name	Scientific name	DBH ¹	Converted to Single Stem DBH	C-Rad ²	Canopy Area (sq. ft.)	Condition ³	Structure ³	Comments	Offsite	Treatment	Retained, Onsite, & Outside Env. Constrained Lands
8843	DE-6	Oregon ash	<i>Fraxinus latifolia</i>	6	6	15	707	Good	Good			retain	
8844	DE-8	cherry	<i>Prunus avium</i>	8	8	15	707	Good	Good			retain	
8847	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	21	21	18	1017	Good	Good			remove	
8848	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	12	12	10	314	Fair	Fair	Suppressed.		remove	
8849	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	16	16	8	201	Fair	Good	Suppressed.		remove	
8850	EV-6	Douglas fir	<i>Pseudotsuga menziesii</i>	7	7	6	113	Fair	Fair	Suppressed.		remove	
8851	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	8	8	8	201	Fair	Fair	Suppressed.		remove	
8852	EV-6	Douglas fir	<i>Pseudotsuga menziesii</i>	6	6	0	0	Dead	Dead			remove	
8853	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	23	23	20	1256	Good	Good	Possible mechanical damage to roots		remove	
8854	EV-40	Douglas fir	<i>Pseudotsuga menziesii</i>	36	36	30	2826	Good	Fair	Mechanical damage to roots.		remove	
8855	EV-38	Douglas fir	<i>Pseudotsuga menziesii</i>	33	33	35	3847	Good	Fair	Mechanical damage to roots, unbalanced .		remove	
8856	EV-12	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
8857	EV-42	Douglas fir	<i>Pseudotsuga menziesii</i>	36	36	36	4069	Good	Good			remove	
8864	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	30	2826	Good	Good			remove	
8868	DE-16	cottonwood	<i>Populus trichocarpa</i>	17	17	12	452	Good	Good		x	remove	
8869	DE-10	cottonwood	<i>Populus trichocarpa</i>	10	10	10	314	Good	Fair	Slim flux.		remove	
8870	DE-12	cottonwood	<i>Populus trichocarpa</i>	13	13	10	314	Good	Fair	Slim flux.		remove	
8871	EV-20	Deodar cedar	<i>Cedrus deodara</i>	20	20	15	707	Good	Good			remove	
8872	DE-10	cottonwood	<i>Populus trichocarpa</i>	11	11	10	314	Good	Good			remove	
8873	DE-10	cottonwood	<i>Populus trichocarpa</i>	12	12	12	452	Good	Good			remove	
8874	DE-5	Norway maple	<i>Acer platanoides</i>	6	6	12	452	Good	Good			remove	
8875	DE-6	oneseed hawthorn	<i>Crataegus monogyna</i>	6	6	10	314	Fair	Fair			remove	
8880	DE-14	cottonwood	<i>Populus trichocarpa</i>	16	16	15	707	Good	Fair	Unbalanced.		remove	
8881	DE-12	cottonwood	<i>Populus trichocarpa</i>	12	12	12	452	Good	Good			remove	
8884	DE-12	cottonwood	<i>Populus trichocarpa</i>	13	13	10	314	Good	Good			remove	
8885	DE-14-12	cottonwood	<i>Populus trichocarpa</i>	18	18	15	707	Good	Fair	Low codominant split.		remove	
8886	DE-12	cottonwood	<i>Populus trichocarpa</i>	11	11	10	314	Good	Good			remove	
9218	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	15	707	Fair	Fair	Thin, narrow, unbalanced, codominant leaders.		retain	
9219	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	19	19	10	314	Fair	Fair	Thin, narrow, unbalanced.		retain	
9221	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	28	28	20	1256	Good	Fair	Unbalanced.		remove	
9222	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	27	27	20	1256	Good	Good			remove	
9223	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	17	17	15	707	Good	Good			remove	
9224	EV-44	Douglas fir	<i>Pseudotsuga menziesii</i>	42	42	30	2826	Good	Good			remove	
9225	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	8	8	7	154	Fair	Fair	Thin, suppressed.		remove	
9226	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	9	9	8	201	Fair	Fair	Thin, lost top.		retain	
11285	DE-26	cottonwood	<i>Populus trichocarpa</i>	28	28	25	1963	Good	Good		x	remove	
11287	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	27	27	20	1256	Good	Good		x	remove	
11289	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	30	2826	Good	Good		x	retain	
11290	DE-6	willow	<i>Salix sp.</i>	6	6	6	113	Fair	Fair	Unbalanced.	x	retain	
11294	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	18	18	15	707	Good	Fair	Codominant leaders.	x	retain	
11295	DE-12 X2	cottonwood	<i>Populus trichocarpa</i>	26	26	18	1017	Good	Fair	Codominant split, inclusion.	x	retain	
11296	DE-14	Duplicate	N/A	0	0	0	0	N/A	N/A			n/a	
11604	EV-38	Douglas fir	<i>Pseudotsuga menziesii</i>	39	39	35	3847	Good	Good			remove	
11605	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	22	22	15	707	Good	Good		x	remove	
11606	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	16	16	8	201	Good	Good		x	remove	
11607	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	22	22	15	707	Good	Fair	Large sweeping trunk.	x	remove	
11608	EV-12	western hemlock	<i>Tsuga heterophylla</i>	13	13	0	0	Dead	Dead			remove	
11609	EV-16	western hemlock	<i>Tsuga heterophylla</i>	17	17	12	452	Poor	Poor	Suppressed.	x	remove	
11610	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	11	11	0	0	Dead	Dead		x	remove	
11611	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	13	13	8	201	Good	Fair	High crown.	x	remove	
11612	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	12	12	12	452	Good	Poor	Suppressed, crooked trunk.	x	remove	
11627	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	29	29	25	1963	Good	Poor	Red ring rot.	x	remove	
11628	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	37	37	30	2826	Good	Good		x	remove	
11629	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	11	11	12	452	Fair	Fair	Suppressed , unbalanced .	x	remove	
11630	EV-13	Douglas fir	<i>Pseudotsuga menziesii</i>	14	14	12	452	Good	Poor	Mechanical damage.	x	remove	
11631	EV-26	Duplicate	N/A	0	0	0	0	N/A	N/A			n/a	
11715	DE-12	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
11779	DE-6X3	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
11780	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	28	28	30	2826	Good	Poor	Mechanical damage to roots.	x	retain	
11787	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	28	28	25	1963	Good	Poor	Mechanical damage to roots.	x	retain	

Attachment 2

Tree No.	Svy. Descript.	Common Name	Scientific name	DBH ¹	Converted to Single Stem DBH	C-Rad ²	Canopy Area (sq. ft.)	Condition ³	Structure ³	Comments	Offsite	Treatment	Retained, Onsite, & Outside Env. Constrained Lands
11788	EV-32	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	30	2826	Good	Poor	Root damage.	x	retain	
11792	DE-8	cherry	<i>Prunus avium</i>	8	8	10	314	Fair	Fair	High crown.	x	retain	
11793	DE-8	cherry	<i>Prunus avium</i>	8	8	10	314	Fair	Fair	High crown.	x	retain	
11794	DE-8X3	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
11795	DE-8	cherry	<i>Prunus avium</i>	7	7	8	201	Good	Good	Buried.	x	retain	
11796	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	10	10	8	201	Good	Good	Buried.	x	retain	
11797	DE-10	cherry	<i>Prunus avium</i>	14	14	15	707	Good	Good	Buried.	x	retain	
11798	DE-14	cherry	<i>Prunus avium</i>	14	14	18	1017	Good	Good	Brush pile.	x	retain	
11799	DE-8	Oregon ash	<i>Fraxinus latifolia</i>	7	7	8	201	Good	Good	Buried.	x	retain	
11800	DE-8	cherry	<i>Prunus avium</i>	7	7	10	314	Good	Fair		x	retain	
11806	DE-8	cherry	<i>Prunus avium</i>	7	7	10	314	Good	Fair		x	retain	
11807	DE-8	cherry	<i>Prunus avium</i>	7	7	10	314	Good	Fair		x	retain	
11810	DE-6	Does not exist	N/A	0	0	0	0	N/A	N/A			n/a	
11844	DE-14	cherry	<i>Prunus avium</i>	13	13	18	1017	Good	Fair	Dead top.		remove	
11845	DE-12	cherry	<i>Prunus avium</i>	10	10	8	201	Fair	Fair			remove	
11846	DE-8	cherry	<i>Prunus avium</i>	10	10	0	0	Fair	Fair	Mechanical damage.		remove	
11847	DE-6	cherry	<i>Prunus avium</i>	6	6	8	201	Fair	Fair			remove	
11848	DE-8	cherry	<i>Prunus avium</i>	10	10	0	0	dead	dead			remove	
11849	DE-6	cherry	<i>Prunus avium</i>	6	6	8	201	Fair	Fair			remove	
11850	DE-9	cherry	<i>Prunus avium</i>	9	9	8	201	Fair	Fair			remove	
11851	DE-12	cherry	<i>Prunus avium</i>	12	12	8	201	Fair	Fair			remove	
11852	DE-6	cherry	<i>Prunus avium</i>	6	6	8	201	Fair	Fair			remove	
11858	EV-26	Could not find on map	Unknown	0	0	0	0	N/A	N/A			n/a	
11859	EV-26	Could not find on map	Unknown	0	0	0	0	N/A	N/A			n/a	
11860	DE-6	Could not find on map	Unknown	0	0	0	0	N/A	N/A			n/a	
11864	DE-8	cherry	<i>Prunus avium</i>	6	6	5	79	Poor	Fair	Buried.	x	retain	
11865	EV-36	Douglas fir	<i>Pseudotsuga menziesii</i>	34	34	20	1256	Good	Fair	Buried, slight sweep to trunk.	x	retain	
11872	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	28	28	20	1256	Good	Fair	Sweeping trunk.	x	retain	
11970	DE-10	red alder	<i>Alnus rubra</i>	8.8,13	17	12	452	Good	Good		x	retain	
11971	DE-12	red alder	<i>Alnus rubra</i>	12	12	10	314	Good	Good		x	retain	
12039	DE-14	yew	<i>Taxus brevifolia</i>	12	12	18	1017	Good	Good		x	retain	
12040	EV-40	Douglas fir	<i>Pseudotsuga menziesii</i>	42	42	15	707	Good	Fair	Codominant leaders at 50'.	x	retain	
12042	DE-30	red alder	<i>Alnus rubra</i>	31	31	10	314	Poor	Poor	Half dead, mechanical damage	x	remove	
12180	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	28	28	20	1256	Fair	Fair		x	retain	
12181	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	20	1256	Good	Fair		x	retain	
12182	EV-10 DEAD	red alder	<i>Alnus rubra</i>	11	11	0	0	Dead	Dead		x	retain	
12183	DE-9	red alder	<i>Alnus rubra</i>	9	9	5	79	Fair	Fair		x	retain	
12184	DE-12	red alder	<i>Alnus rubra</i>	12	12	5	79	Fair	Fair		x	retain	
12185	DE-12	red alder	<i>Alnus rubra</i>	10	10	5	79	Fair	Fair	Declining.	x	retain	
12186	DE-14	red alder	<i>Alnus rubra</i>	10	10	5	79	Fair	Fair	Declining.	x	retain	
12187	DE-14	red alder	<i>Alnus rubra</i>	13	13	5	79	Fair	Fair	Declining.	x	retain	
12230	EV-34	Douglas fir	<i>Pseudotsuga menziesii</i>	37	37	20	1256	Good	Fair	Codominant leaders.	x	retain	
12231	EV-38	Douglas fir	<i>Pseudotsuga menziesii</i>	38	38	20	1256	Good	Fair	Codominant leaders.	x	retain	
12232	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	15	707	Fair	Poor	Unbalanced to S, struggling top, thin.	x	retain	
12233	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	23	23	15	707	Poor	Poor	Thin, red ring rot, narrow.	x	retain	
12234	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	17	17	15	707	Fair	Fair	Part of 223, narrow, unbalanced to S.	x	retain	
12235	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	12	452	Good	Fair	Unbalanced to the S, high crown	x	retain	
12236	EV-28	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	20	1256	Good	Good	Ivy.	x	retain	
12237	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	25	1963	Good	Good	Ivy.	x	retain	
12238	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	22	22	20	1256	Fair	Fair	Ivy, unbalanced to the S, suppressed.	x	retain	
12239	DE-6	dogwood	<i>Cornus nuttallii</i>	6	6	15	707	Good	Good	Growing below large Douglas fir, ivy.	x	retain	
12240	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	15	707	Good	Good	Ivy.	x	retain	
12241	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	23	23	10	314	Good	Fair	High crown, ivy.	x	retain	
12242	EV-32	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	20	1256	Good	Fair	Ivy, unbalanced to the S.	x	retain	
12243	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	18	18	15	707	Fair	Fair	Heavy ivy, unbalanced to the S.	x	retain	
12244	EV-6	Douglas fir	<i>Pseudotsuga menziesii</i>	8	8	10	314	Fair	Poor	Suppressed, unbalanced to the S.	x	retain	
12252	EV-42	Douglas fir	<i>Pseudotsuga menziesii</i>	22	22	25	1963	Good	Good	Ivy.	x	retain	
12253	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	10	10	12	452	Good	Good		x	retain	
12284	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	15	707	Good	Fair	Unbalanced to the S, narrow crown.	x	retain	
12285	EV-32	Douglas fir	<i>Pseudotsuga menziesii</i>	35	35	15	707	Very poor	Very poor	Red ring rot.	x	retain	

Attachment 2

Tree No.	Svy. Descript.	Common Name	Scientific name	DBH ¹	Converted to Single Stem DBH	C-Rad ²	Canopy Area (sq. ft.)	Condition ³	Structure ³	Comments	Offsite	Treatment	Retained, Onsite, & Outside Env. Constrained Lands
12287	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	16	16	15	707	Good	Fair	Codominant leader failed at 20' and crooked dominant leader.	x	retain	
12288	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	13	13	8	201	Good	Good		x	retain	
12289	EV-8	Douglas fir	<i>Pseudotsuga menziesii</i>	9	9	8	201	Good	Poor	Multiple crooks in trunk, suppressed.	x	retain	
12290	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	21	21	10	314	Good	Good	Narrow crown.	x	retain	
12291	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	19	19	12	452	Good	Fair	Unbalanced to S.	x	retain	
12292	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	22	22	15	707	Good	Fair	Near road, unbalanced to S.	x	retain	
12293	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	22	22	15	707	Good	Fair	Unbalanced to the S.	x	retain	
12294	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	12	12	12	452	Fair	Poor	Codominant leaders, suppressed.	x	retain	
12295	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	17	17	10	314	Poor	Very poor	Red ring rot.	x	retain	
12296	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	17	17	13	531	Fair	Fair	Suppressed, high crown.	x	retain	
12297	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	16	16	12	452	Good	Poor	Codominant leaders.	x	retain	
12298	EV-34	Douglas fir	<i>Pseudotsuga menziesii</i>	34	34	20	1256	Good	Fair	Crooked trunk, poison oak.	x	retain	
12301	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	18	18	12	452	Good	Poor	Ivy, unbalanced to S.	x	retain	
12302	EV-38	Douglas fir	<i>Pseudotsuga menziesii</i>	40	40	20	1256	Good	Good	Ivy.	x	retain	
12303	DE-12	red alder	<i>Alnus rubra</i>	12	12	0	0	Dead	Dead		x	retain	
12304	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	18	1017	Good	Fair	Unbalanced to the S.	x	retain	
12305	DE-16	Douglas fir	<i>Pseudotsuga menziesii</i>	21	21	15	707	Good	Good	Ivy.	x	retain	
12306	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	22	22	15	707	Good	Poor	Ivy, unbalanced to the S.	x	retain	
14212	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	20	1256	Good	Fair	Unbalanced to S.	x	retain	
14213	EV-26	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	25	1963	Good	Fair	Small codominant leader on N side.	x	retain	
14214	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	15	707	Good	Fair	Unbalanced to the S, narrow crown.	x	retain	
14215	EV-10	Douglas fir	<i>Pseudotsuga menziesii</i>	10	10	5	79	Poor	Good	Suppressed.	x	retain	
14255	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	22	22	15	707	Good	Fair	Unbalanced to S.	x	retain	
14256	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	10	314	Good	Fair	Unbalanced to S, low LCR.	x	retain	
14259	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	13	13	10	314	Good	Fair	Unbalanced to S, lost and regrew top.	x	retain	
14260	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	28	28	20	1256	Good	Fair	Unbalanced to S.	x	retain	
14262	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	26	26	25	1963	Good	Fair	High crown, ~30% LCR.	x	retain	
14263	EV-6	Douglas fir	<i>Pseudotsuga menziesii</i>	6	6	8	201	Fair	Fair	Suppressed, unbalanced to the S.	x	retain	
14264	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	21	21	20	1256	Good	Fair	Unbalanced to S, lost and regrew top.	x	retain	
14265	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	24	24	20	1256	Good	Fair	Slightly unbalanced to S.	x	retain	
14266	EV-20	Douglas fir	<i>Pseudotsuga menziesii</i>	23	23	10	314	Good	Poor	Lost top at 15', regrew two leaders.	x	retain	
14267	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	17	17	15	707	Good	Fair	Crooked trunk, phototropism.	x	retain	
14268	EV-6	Douglas fir	<i>Pseudotsuga menziesii</i>	6	6	8	201	Fair	Fair	Suppressed.	x	retain	
14271	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	29	29	25	1963	Good	Fair	Unbalanced to S.	x	retain	
14272	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	25	1963	Good	Fair	Unbalanced to S, phototropic top.	x	retain	
14273	EV-32	Douglas fir	<i>Pseudotsuga menziesii</i>	31	31	25	1963	Good	Fair	Unbalanced to S, crooked trunk at 18'.	x	retain	
14274	EV-10	Douglas fir	<i>Pseudotsuga menziesii</i>	11	11	10	314	Good	Fair	Suppressed, unbalanced to the S.	x	retain	
14275	EV-30	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	30	2826	Good	Good		x	retain	
14323	EV-10	Douglas fir	<i>Pseudotsuga menziesii</i>	11	11	8	201	Poor	Good	Suppressed.	x	retain	
14324	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	19	19	15	707	Good	Fair	Suppressed, crooked trunk.	x	retain	
14325	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	17	17	8	201	Good	Fair	Narrow crown, crooked trunk.	x	retain	
14326	EV-16	Douglas fir	<i>Pseudotsuga menziesii</i>	24	24	15	707	Good	Poor	Narrow crown, unbalanced to S.	x	retain	
14327	EV-6	Douglas fir	<i>Pseudotsuga menziesii</i>	6	6	8	201	Fair	Fair	Suppressed.	x	retain	
14328	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	18	18	20	1256	Good	Fair	Unbalanced to the S.	x	retain	
14330	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	12	12	10	314	Fair	Poor	Suppressed, thin, discolored.	x	retain	
14331	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	15	707	Good	Poor	Lost and regrew top twice, unbalanced.	x	retain	
14332	EV-12	Douglas fir	<i>Pseudotsuga menziesii</i>	10	10	0	0	Dead	Dead		x	retain	
14333	EV-22	Douglas fir	<i>Pseudotsuga menziesii</i>	25	25	20	1256	Good	Poor	Unbalanced to S.	x	retain	
14345	EV-32	Douglas fir	<i>Pseudotsuga menziesii</i>	32	32	20	1256	Fair	Fair	Thin, high crown.	x	retain	
14346	EV-18	Douglas fir	<i>Pseudotsuga menziesii</i>	20	20	12	452	Fair	Poor	Unbalanced to the S, thin, crooked trunk.	x	retain	
14348	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	16	16	15	707	Good	Poor	Unbalanced to the S, lost and regrew top.	x	retain	
16994	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	31	31	30	2826	Good	Good			remove	
16995	EV-24	Douglas fir	<i>Pseudotsuga menziesii</i>	30	30	30	2826	Good	Fair	Unbalanced.	x	remove	
16998	EV-40	Duplicate	N/A	0	0	0	0	N/A	N/A			n/a	
18864	EV-14	Douglas fir	<i>Pseudotsuga menziesii</i>	17	17	15	707	Good	Fair	Sweeping trunk.	x	remove	
18867	EV-6	western hemlock	<i>Tsuga heterophylla</i>	6	6	0	0	Dead	Dead		x	remove	



Attachment 2

Tree No.	Syy. Descript.	Common Name	Scientific name	DBH ¹	Converted to Single Stem DBH	C-Rad ²	Canopy Area (sq. ft.)	Condition ³	Structure ³	Comments	Offsite	Treatment	Retained, Onsite, & Outside Env. Constrained Lands
18869	DE-6	cherry	<i>Prunus avium</i>	6	6	10	314	Fair	Fair	High crown , unbalanced .		remove	
18870	EV-34	Douglas fir	<i>Pseudotsuga menziesii</i>	34	34	25	1963	Good	Good			remove	

¹DBH is the trunk diameter measured according to the International Society of Arboriculture standards in inches. In cases where the tree splits into multiple trunks at ground level, DBH is the square root of the sum of the squared DBH of each stem.

²C-rad is the approximate crown radius in feet.

³Condition and Structure ratings range from very poor, poor, fair, to good.

Attachment 3 Additional Tree Protection Recommendations

The following recommendations meet City of Sherwood Code requirements:

Before Construction Begins

1. Notify all contractors of tree protection procedures. For successful tree protection on a construction site, all contractors must know and understand the goals of tree protection.
 - a. Hold a tree protection meeting with all contractors to explain the goals of tree protection.
 - c. Have all contractors sign memoranda of understanding regarding the goals of tree protection. The memoranda should include a penalty for violating the tree protection plan. The penalty should equal the resulting fines issued by the local jurisdiction plus the appraised value of the tree(s) within the violated tree protection zone per the current Trunk Formula Method as outline in the current edition of the *Guide for Plant Appraisal* by the Council of Tree & Landscape Appraisers. The penalty should be paid to the owner of the property.
2. Fencing
 - a. Trees to remain on site should be protected by installation of tree protection fencing at the dripline. Alternatively, tree protection fencing may be set as shown in Attachment 1.
 - b. The fencing should be put in place before the ground is cleared to protect the trees and the soil around the trees from disturbances.
 - c. Fencing should be established by the project arborist based on the needs of the trees to be protected and to facilitate construction.
 - d. Fencing should consist of 6-foot high steel fencing on concrete blocks or 6-foot metal fencing secured to the ground with 8-foot metal posts to prevent it from being moved by contractors, sagging, or falling down.
 - e. Fencing should remain in the position that is established by the project arborist and not be moved without approval from the project arborist until final project approval.
3. Signage
 - a. All tree protection fencing should have signage as follows so that all contractors understand the purpose of the fencing:

TREE PROTECTION ZONE

**DO NOT REMOVE OR ADJUST THE APPROVED
LOCATION OF THIS TREE PROTECTION FENCING.**

Please contact the project arborist if alterations to the approved
location of the tree protection fencing are necessary.

Todd Prager, Project Arborist - 971-295-4835

- b. Signage should be placed every 75-feet or less.

During Construction

1. Protection Guidelines Within the Tree Protection Zones:
 - a. No new buildings; grade change or cut and fill, during or after construction; new impervious surfaces; or utility or drainage field placement should be allowed within the tree protection zones.
 - b. No traffic should be allowed within the tree protection zones. This includes but is not limited to vehicle, heavy equipment, or even repeated foot traffic.
 - c. No storage of materials including but not limiting to soil, construction material, or waste from the site should be permitted within the tree protection zones. Waste includes but is not limited to concrete wash out, gasoline, diesel, paint, cleaner, thinners, etc.
 - d. Construction trailers should not to be parked/placed within the tree protection zones.
 - e. No vehicles should be allowed to park within the tree protection zones.
 - f. No other activities should be allowed that will cause soil compaction within the tree protection zones.
2. The trees should be protected from any cutting, skinning or breaking of branches, trunks or woody roots.
3. The project arborist should be notified prior to the cutting of woody roots from trees that are to be retained to evaluate and oversee the proper cutting of roots with sharp cutting tools. Cut roots should be immediately covered with soil or mulch to prevent them from drying out.
4. Trees that have roots cut should be provided supplemental water during the summer months.
5. Any necessary passage of utilities through the tree protection zones should be by means of tunneling under woody roots by hand digging or boring with oversight by the project arborist.
6. Any deviation from the recommendations in this section should receive prior approval from the project arborist.

After Construction

1. Carefully landscape the areas within the tree protection zones. Do not allow trenching for irrigation or other utilities within the tree protection zones.
2. Carefully plant new plants within the tree protection zones. Avoid cutting the woody roots of trees that are retained.
3. Do not install permanent irrigation within the tree protection zones unless it is drip irrigation to support a specific planting or the irrigation is approved by the project arborist.
4. Provide adequate drainage within the tree protection zones and do not alter soil hydrology significantly from existing conditions for the trees to be retained.
5. Provide for the ongoing inspection and treatment of insect and disease populations that can damage the retained trees and plants.
6. The retained trees may need to be fertilized if recommended by the project arborist.
7. Any deviation from the recommendations in this section should receive prior approval from the project arborist.

Attachment 4

Assumptions and Limiting Conditions

1. Any legal description provided to the consultant is assumed to be correct. The site plans and other information provided by Westwood Homes and their consultants was the basis of the information provided in this report.
2. It is assumed that this property is not in violation of any codes, statutes, ordinances, or other governmental regulations.
3. The consultant is not responsible for information gathered from others involved in various activities pertaining to this project. Care has been taken to obtain information from reliable sources.
4. Loss or alteration of any part of this delivered report invalidates the entire report.
5. Drawings and information contained in this report may not be to scale and are intended to be used as display points of reference only.
6. The consultant's role is only to make recommendations. Inaction on the part of those receiving the report is not the responsibility of the consultant.
7. The purpose of this report is to:
 - Assess the existing trees at the project site;
 - Identify the trees to be removed and retained based on construction impacts;
 - Provide tree protection recommendations for the trees to be retained; and
 - Provide recommendations for meeting the tree canopy requirements in section 16.142.070 of the City of Sherwood Code.

CEDAR CREEK GARDENS

A 41 LOT SUBDIVISION ON TAX LOT 102 & 107 TAX MAP 3S106
16871 & 17033 SW BROOKMAN ROAD, SHERWOOD, OREGON, 97140

APPLICANT

WESTWOOD HOMES LLC
12700 NW CORNELL ROAD
PORTLAND, OR 97229
PHONE: (503) 330-2215

OWNER

WAYNE AND LINDA CHRONISTER (TAX LOT 107)
PO BOX 1474
SHERWOOD, OR 97140

CHARLES AND LOUISE BISSETT (TAX LOT 102)
16871 SW BROOKMAN ROAD
SHERWOOD, OR 97140

PLANNING/ENGINEERING/SURVEYING

PIONEER DESIGN GROUP, INC.
9020 SW WASHINGTON SQ RD., SUITE 170
PORTLAND, OR 97223
PHONE: (503) 643-8286
CONTACT: MATT SPRAGUE

SITE INFORMATION

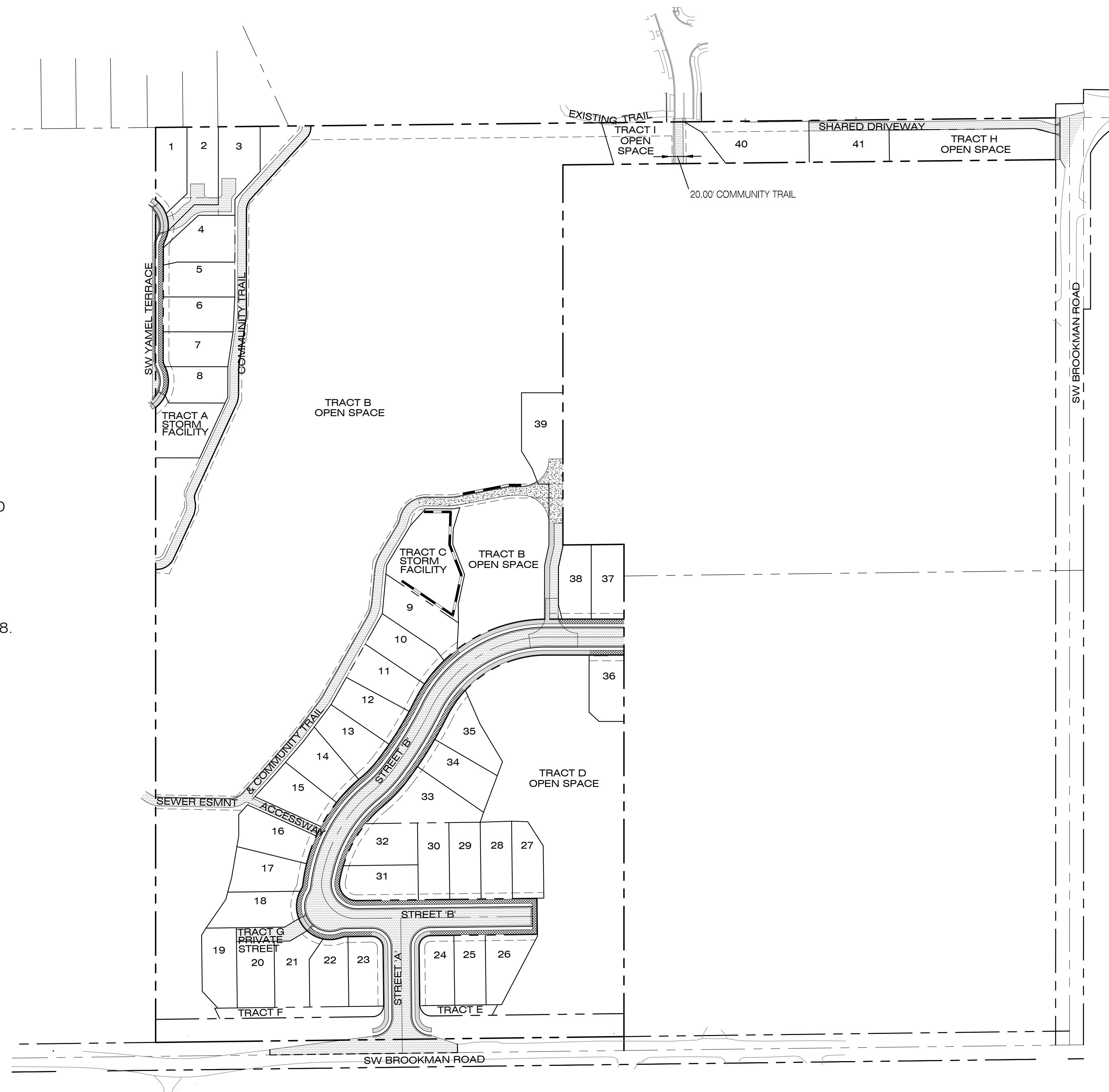
TAX MAP: 3S106
TAX LOT: 102 & 107
SITE ADDRESS: 16871 & 17033 SW BROOKMAN ROAD
SHERWOOD, OREGON 97140
SITE SIZE: 19.99 ACRES
ZONING: MDRL

VERTICAL DATUM

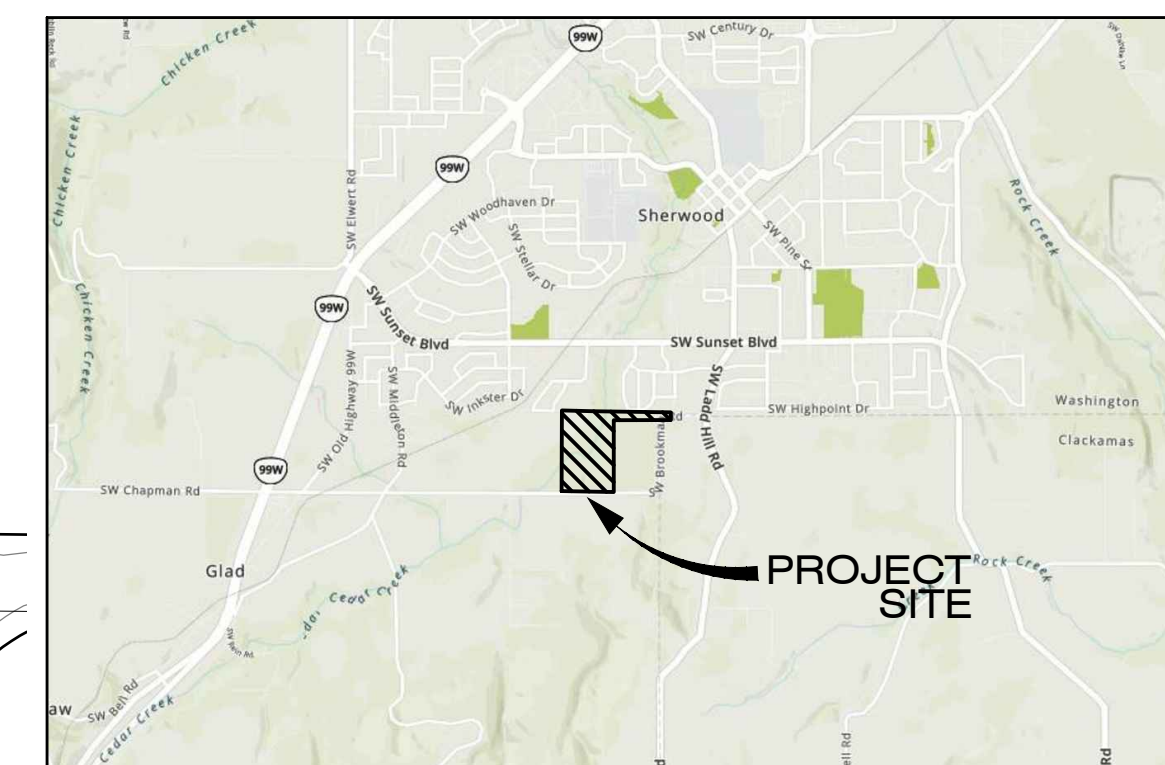
BENCHMARK: WASHINGTON COUNTY BENCHMARK NO. 118.

DESCRIPTION: A 3" BRASS DISK INSCRIBED "WASH. CO. BM 118" SET CONCRETE FILLED WITH METAL, NORTH SIDE OF BROOKMAN ROAD ON THE EXTENDED CENTERLINE OF OBERST ROAD

ELEVATION: 194.775' NGVD 29



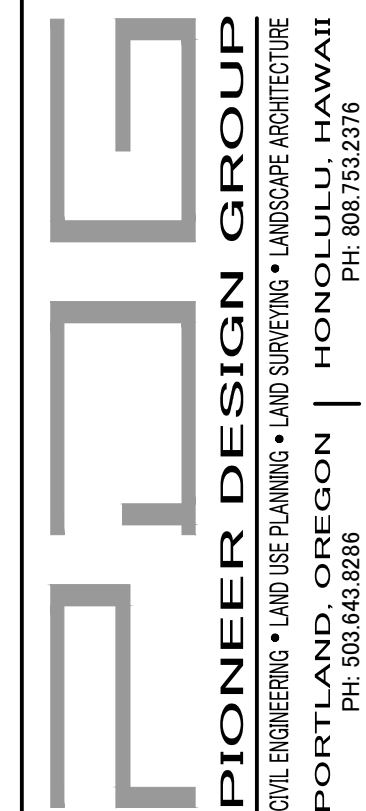
SITE MAP
SCALE: 1"=100'



VICINITY MAP
N.T.S.

SHEET INDEX

SHEET NUMBER	SHEET DESCRIPTION
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P2.0	EXISTING CONDITIONS AND DEMOLITION PLAN (SOUTH)
P2.1	EXISTING CONDITIONS AND DEMOLITION PLAN (NORTH)
P2.2	PRELIMINARY TREE PRESERVATION AND REMOVAL PLAN (SOUTH)
P2.3	PRELIMINARY TREE PRESERVATION AND REMOVAL PLAN (NORTH)
P3.0	PRELIMINARY PLAT
P3.1	CONCEPTUAL BUILDING SETBACK PLAN
P3.2	CONCEPTUAL OPEN SPACE PLAN
P4.0	PRELIMINARY GRADING AND EROSION CONTROL PLAN (SOUTH)
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P5.1	TYPICAL STREET SECTIONS
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P7.0	CONCEPTUAL FUTURE CONNECTIVITY PLAN
L1	PRELIMINARY STREET TREE AND OPEN SPACE PLANTING PLAN
L2	PRELIMINARY PLANTING LEGENDS, DETAILS AND NOTES



COVER SHEET

CEDAR CREEK GARDENS
CITY OF SHERWOOD, OREGON

Designed by	Date	Reviewed by	Date	Project No.	REF.
MLS	08/2021	CFS	08/2021	285-021	
MLS	08/2021	MLS	08/2021		

Horiz. Scale:
Vert. Scale:

No.	Date	Revision	By

Project
CEDAR CREEK GARDENS
No.
285-021
Type
PLANNING
Sheet

EXISTING CONDITIONS AND DEMOLITION PLAN (SOUTH)

CEDAR CREEK GARDENS
 CITY OF SHERWOOD, OREGON

Designed by	Date	Drawn by	Date	Reviewed by	Date	Project No.	REF.
MLS	08/2021	CFS	08/2021	MLS	08/2021	285-021	

By	Revision	Date

Project	CEDAR CREEK GARDENS
No.	285-021
Type	PLANNING
Sheet	

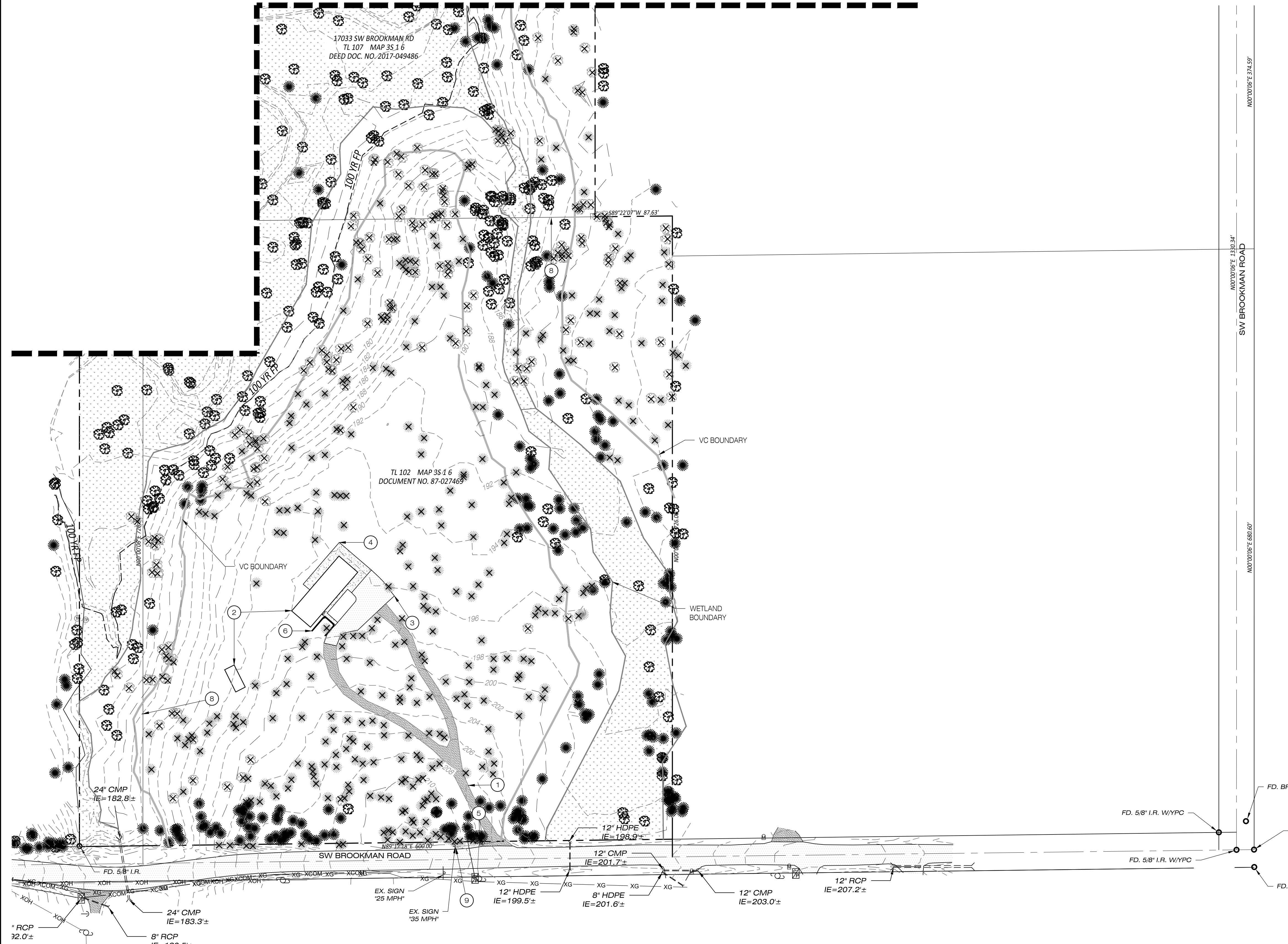
LEGEND

- RIGHT-OF-WAY LINE
- - - BOUNDARY LINE
- EXISTING LOT LINE
- CENTER LINE
- SD — SD — STORM DRAINAGE LINE
- XSS — XSS — SANITARY SEWER LINE
- XW — XW — WATER LINE
- XG — XG — GAS LINE
- XCOM — XCOM — COMMUNICATION LINE
- XE — XE — UNDERGROUND POWER LINE
- XOH — XOH — OVERHEAD WIRE
- X — X — WOOD FENCE (AS NOTED)
- - - 202 — EXISTING 2' CONTOUR
- - - 200 — EXISTING 10' CONTOUR
- ☀ — CONIFEROUS TREE (DBH)
- ☀ — DECIDUOUS TREE (DBH)
- — CATCH BASIN/DRAIN INLET
- ⊙ — STORM DITCH INLET
- ⊙ — STORM MANHOLE
- ⊙ — SANITARY MANHOLE
- ⊙ — WATER VALVE
- ⊙ — FIRE HYDRANT ASSEMBLY
- ⊙ — WATER METER
- ⊙ — GAS VALVE
- ⊙ — GAS METER
- ⊙ — STREET SIGN
- ⊙ — MAILBOX
- ⊙ — ELECTRIC PEDESTAL
- ⊙ — LIGHT POLE
- ⊙ — POWER POLE
- ⊙ — COMMUNICATION VAULT
- ⊙ — TELECOMMUNICATION PEDESTAL
- ⊙ — UTILITY EXTENSION
- — FOUND SURVEY MONUMENT AS NOTED
- ▨ — EXISTING CONCRETE
- ▨ — EXISTING ASPHALT PAVEMENT
- ▨ — EXISTING GRAVEL SURFACE
- ▨ — EXISTING BUILDING FOOTPRINT
- ▨ — EXISTING WOOD DECK
- ✕ ✕ — EXISTING TREE TO BE REMOVED
- ↘ — EXISTING SLOPE DIRECTION
- - - EXISTING VEGETATED CORRIDOR
- - - 100-YEAR FLOOD PLAIN
- - - EXISTING WETLANDS

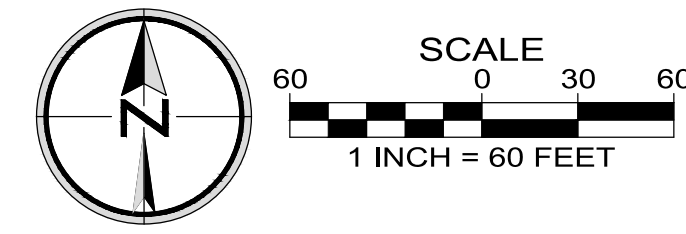
DEMOLITION NOTES

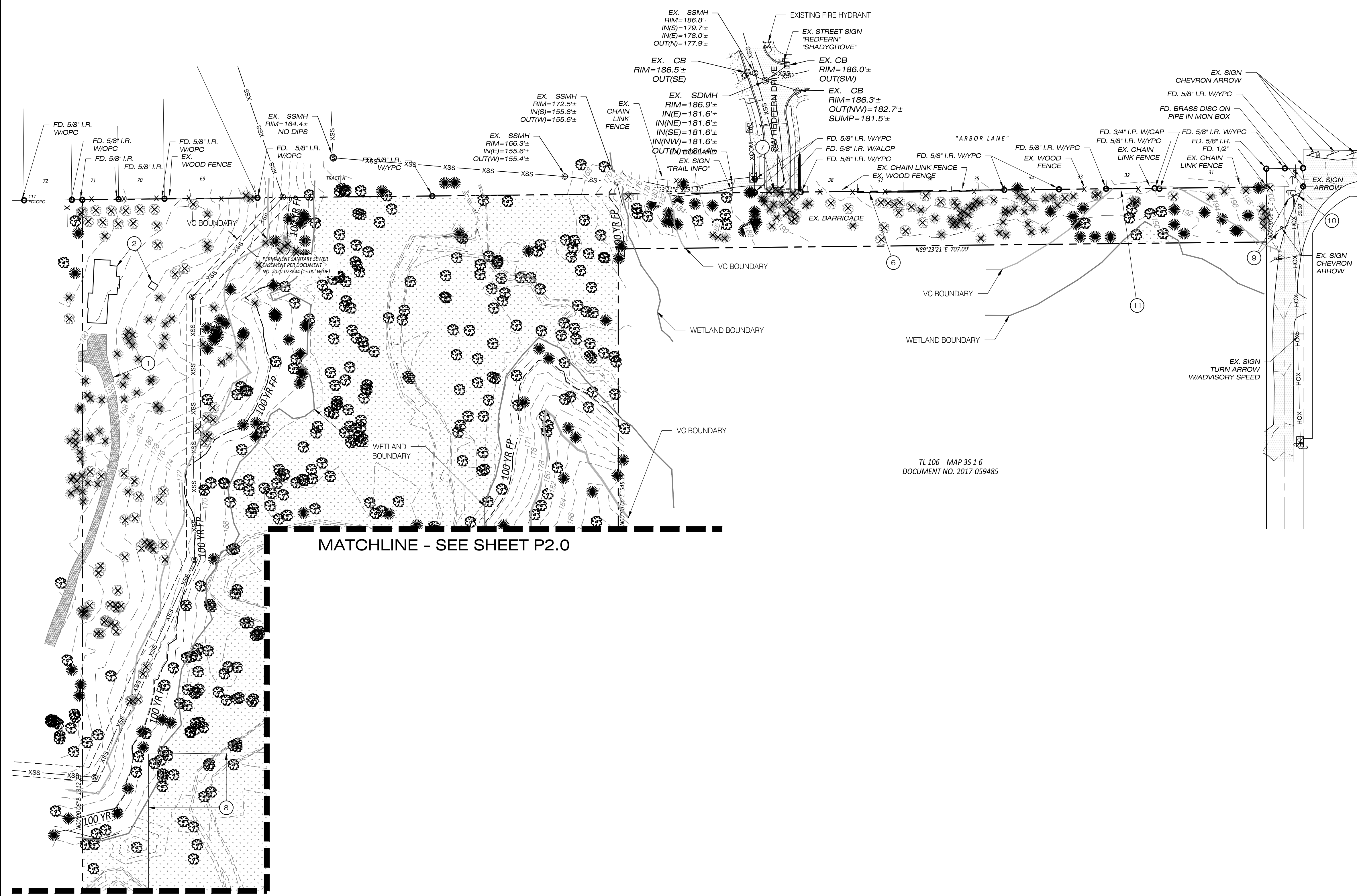
- ① EXISTING GRAVEL DRIVEWAY TO BE REMOVED.
- ② EXISTING BUILDING TO BE REMOVED.
- ③ EXISTING PAVEMENT TO BE REMOVED.
- ④ EXISTING CONCRETE TO BE REMOVED.
- ⑤ EXISTING MAILBOX TO BE REMOVED.
- ⑥ EXISTING WALLS TO BE REMOVED.
- ⑦ EXISTING BARRICADE TO BE REMOVED.
- ⑧ EXISTING PROPERTY LINE TO BE VACATED.
- ⑨ EXISTING SIGN TO BE REMOVED AND REPLACED.
- ⑩ EXISTING POLE TO BE RELOCATED

MATCHLINE - SEE SHEET P2.1



N0070006°E 1330.34'
 SW BROOKMAN ROAD
 N0070006°E 374.59'
 N0070006°E 680.60'
 N85°17.84'E 600.00'





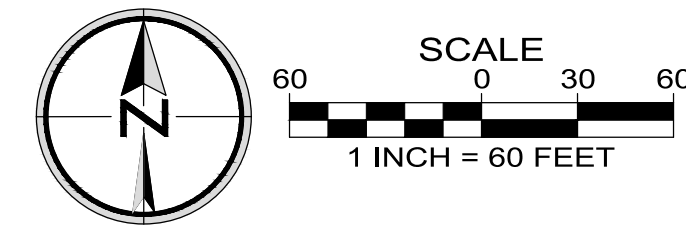
LEGEND

	RIGHT-OF-WAY LINE
	BOUNDARY LINE
	EXISTING LOT LINE
	CENTER LINE
	STORM DRAINAGE LINE
	SANITARY SEWER LINE
	WATER LINE
	GAS LINE
	COMMUNICATION LINE
	UNDERGROUND POWER LINE
	OVERHEAD WIRE
	WOOD FENCE (AS NOTED)
	EXISTING 2' CONTOUR
	EXISTING 10' CONTOUR
	CONIFEROUS TREE (DBH)
	DECIDUOUS TREE (DBH)
	CATCH BASIN/DRAIN INLET
	STORM DITCH INLET
	STORM MANHOLE
	SANITARY MANHOLE
	WATER VALVE
	FIRE HYDRANT ASSEMBLY
	WATER METER
	GAS VALVE
	GAS METER
	STREET SIGN
	MAILBOX
	ELECTRIC PEDESTAL
	LIGHT POLE
	POWER POLE
	COMMUNICATION VAULT
	TELECOMMUNICATION PEDESTAL
	UTILITY EXTENSION
	FOUND SURVEY MONUMENT AS NOTED
	EXISTING CONCRETE
	EXISTING ASPHALT PAVEMENT
	EXISTING GRAVEL SURFACE
	EXISTING BUILDING FOOTPRINT
	EXISTING WOOD DECK
	EXISTING TREE TO BE REMOVED
	EXISTING SLOPE DIRECTION
	EXISTING VEGETATED CORRIDOR
	100-YEAR FLOOD PLAIN
	EXISTING WETLANDS

- ### DEMOLITION NOTES
- ① EXISTING GRAVEL DRIVEWAY TO BE REMOVED.
 - ② EXISTING BUILDING TO BE REMOVED.
 - ③ EXISTING PAVEMENT TO BE REMOVED.
 - ④ EXISTING CONCRETE TO BE REMOVED.
 - ⑤ EXISTING MAILBOX TO BE REMOVED.
 - ⑥ EXISTING WALLS TO BE REMOVED.
 - ⑦ EXISTING BARRICADE TO BE REMOVED.
 - ⑧ EXISTING PROPERTY LINE TO BE VACATED.
 - ⑨ EXISTING SIGN TO BE REMOVED AND REPLACED.
 - ⑩ EXISTING POLE TO BE RELOCATED
 - ⑪ EXISTING FENCE TO BE RELOCATED

MATCHLINE - SEE SHEET P2.0

TL 106 MAP 3S 1 6
 DOCUMENT NO. 2017-059485



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EXISTING CONDITIONS AND DEMOLITION PLAN (NORTH)

CEDAR CREEK GARDENS
 CITY OF SHERWOOD, OREGON

Designed by	Date	Drawn by	Date	Reviewed by	Date	Project No.	Horiz. Scale:	Vert. Scale:
MLS	08/2021	CFS	08/2021	MLS	08/2021	285-021	REF.	28521_P2_0excn.dwg

By	Revision	Date

Project
 CEDAR CREEK GARDENS
 No.
 285-021
 Type
 PLANNING
 Sheet
P2.1

MATCHLINE - SEE SHEET P2.3

LEGEND

- 171 --- EXISTING 1' CONTOUR
- 175 --- EXISTING 5' CONTOUR
- 171 --- PROPOSED 1' CONTOUR
- 175 --- PROPOSED 5' CONTOUR
- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- PROPOSED VEGETATED CORRIDOR
- 100-YEAR FLOOD PLAIN
- EXISTING WETLANDS



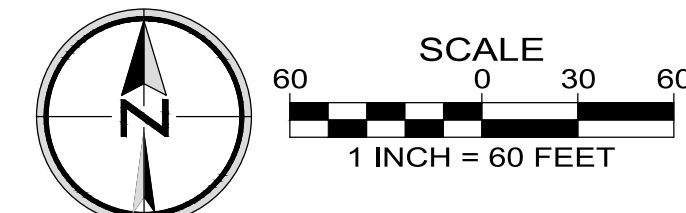
PIONEER DESIGN GROUP
 CIVIL ENGINEERING • LAND USE PLANNING • LAND SURVEYING • LANDSCAPE ARCHITECTURE
 PORTLAND, OREGON | HONOLULU, HAWAII
 PH: 503.643.8286 | WWW.PD-GRP.COM

PRELIMINARY TREE PRESERVATION AND REMOVAL PLAN (SOUTH)
 CEDAR CREEK GARDENS
 CITY OF SHERWOOD, OREGON

Designed by	Date	Reviewed by	Date
MLS	08/2021	CFS	08/2021
MLS	08/2021	REF.	

No.	Date	Revision	By

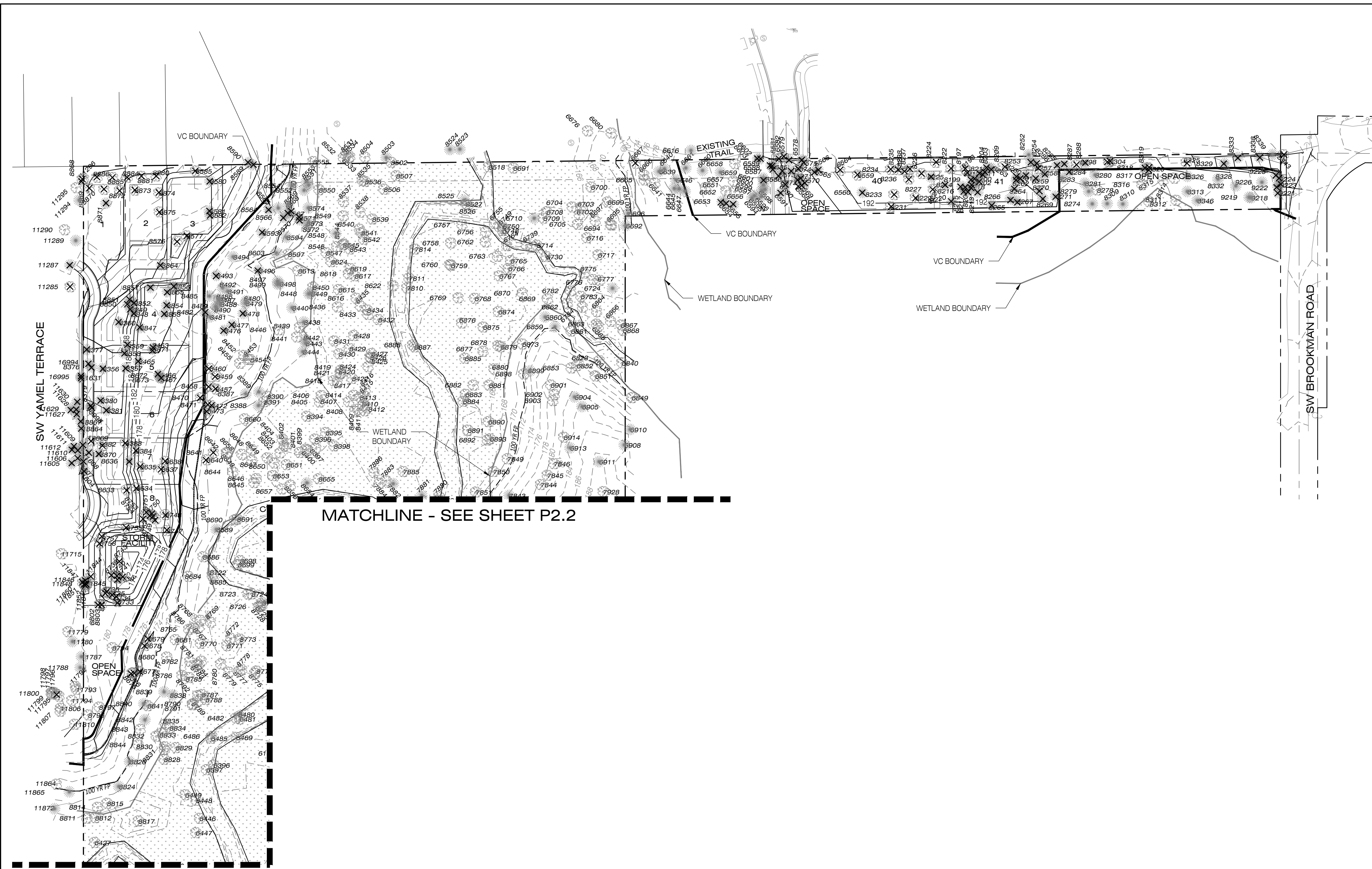
Project: CEDAR CREEK GARDENS
 No.: 285-021
 Type: PLANNING
 Sheet



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LEGEND

- 171 --- EXISTING 1' CONTOUR
- 175 --- EXISTING 5' CONTOUR
- 171 --- PROPOSED 1' CONTOUR
- 175 --- PROPOSED 5' CONTOUR
- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- PROPOSED VEGETATED CORRIDOR
- 100-YEAR FLOOD PLAIN
- EXISTING WETLANDS



PIONEER DESIGN GROUP
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 PORTLAND, OREGON | HONOLULU, HAWAII
 PH: 503.643.8288 | WWW.PD-GRP.COM

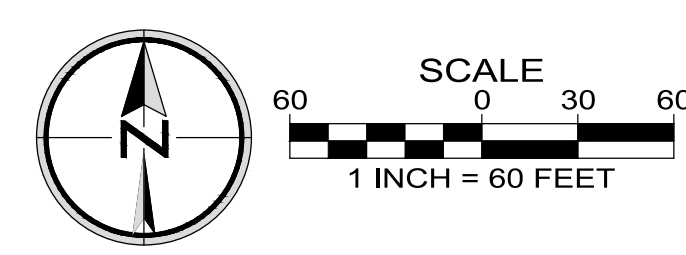
PRELIMINARY TREE PRESERVATION AND REMOVAL PLAN (NORTH)
 CEDAR CREEK GARDENS
 CITY OF SHERWOOD, OREGON

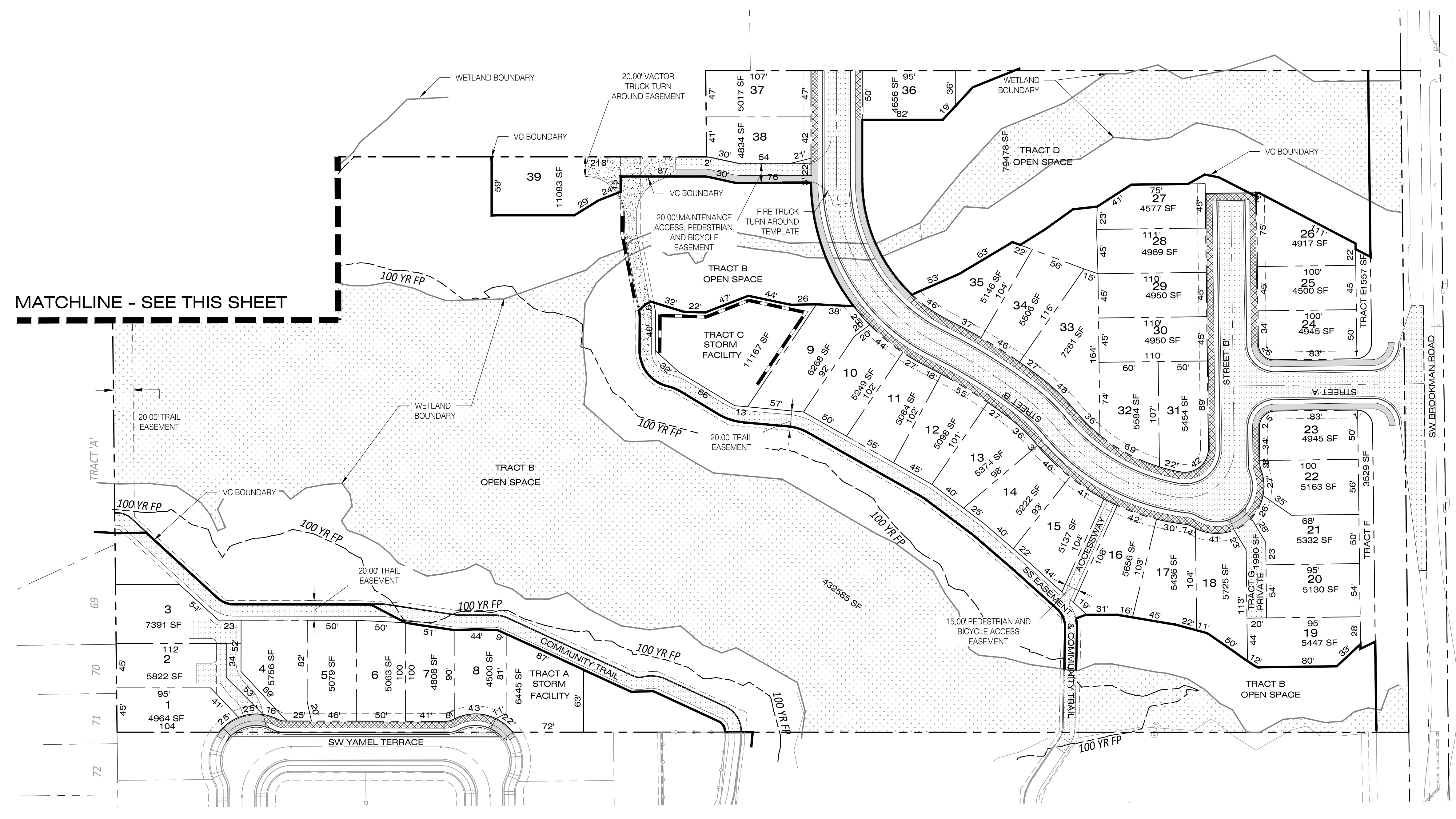
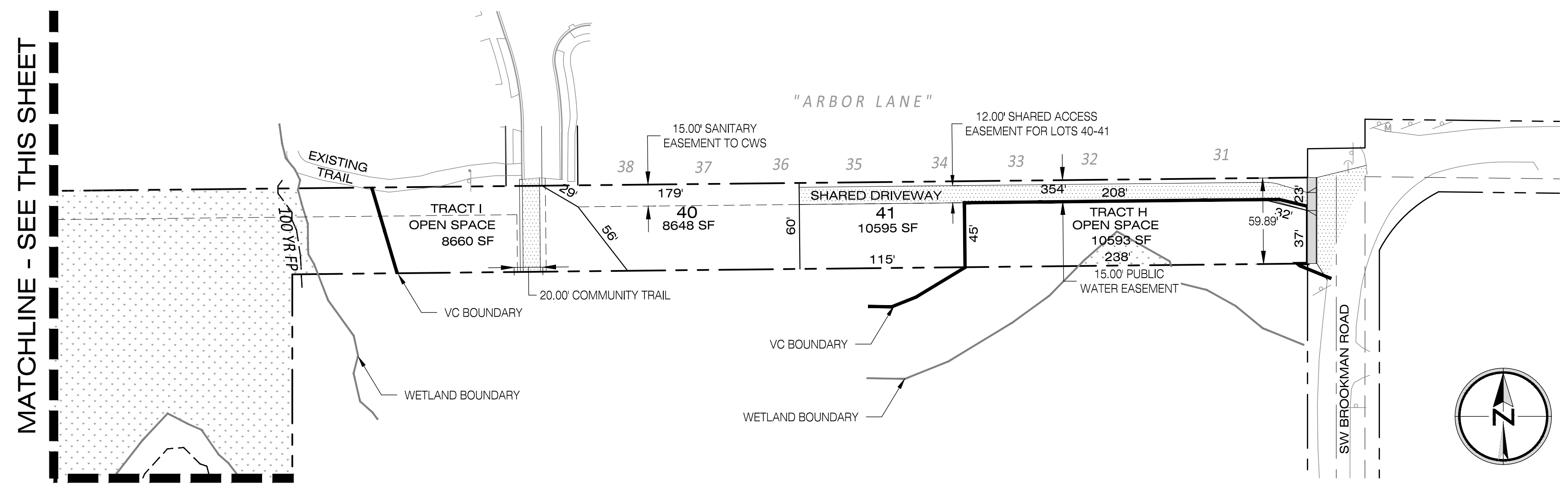
Designed by	Date	Reviewed by	Date	Project No.	REF.
MLS	08/2021	CFS	08/2021	285-021	
		MLS	08/2021		

Horiz. Scale: 285-021
 Vert. Scale: 28521_P2_1tree.dwg

No.	Date	Revision

Project: CEDAR CREEK GARDENS
 No.: 285-021
 Type: PLANNING
 Sheet: **P2.3**





MATCHLINE - SEE THIS SHEET

MATCHLINE - SEE THIS SHEET

PRELIMINARY PLAT

CEDAR CREEK GARDENS
CITY OF SHERWOOD, OREGON

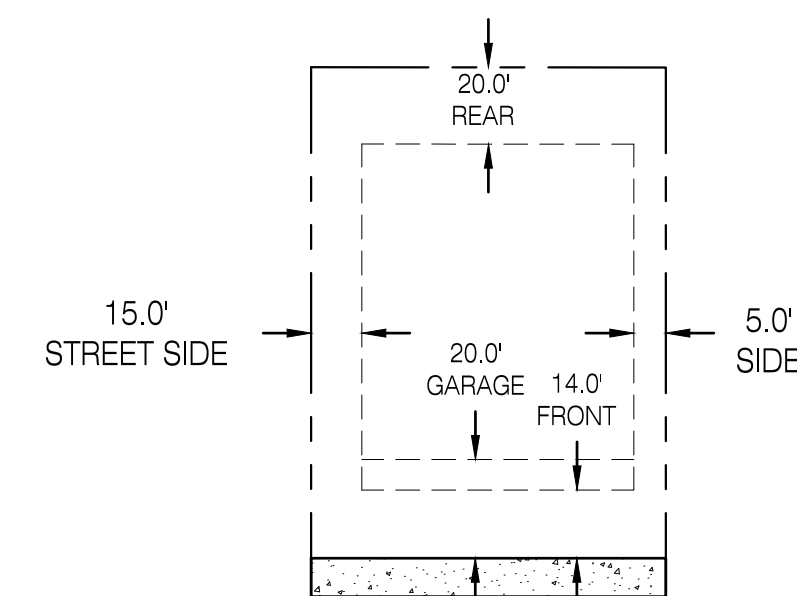
Designed by	Date	Reviewed by	Date
MLS	08/2021	CFS	08/2021
Drawn by <td> <td>MLS</td> <td>08/2021</td> </td>	<td>MLS</td> <td>08/2021</td>	MLS	08/2021
Project No.	285-021	REF.	
Horiz. Scale:		Vert. Scale:	

No.	Date	Revision	By

Project: CEDAR CREEK GARDENS
 No.: 285-021
 Type: PLANNING
 Sheet: **P3.0**

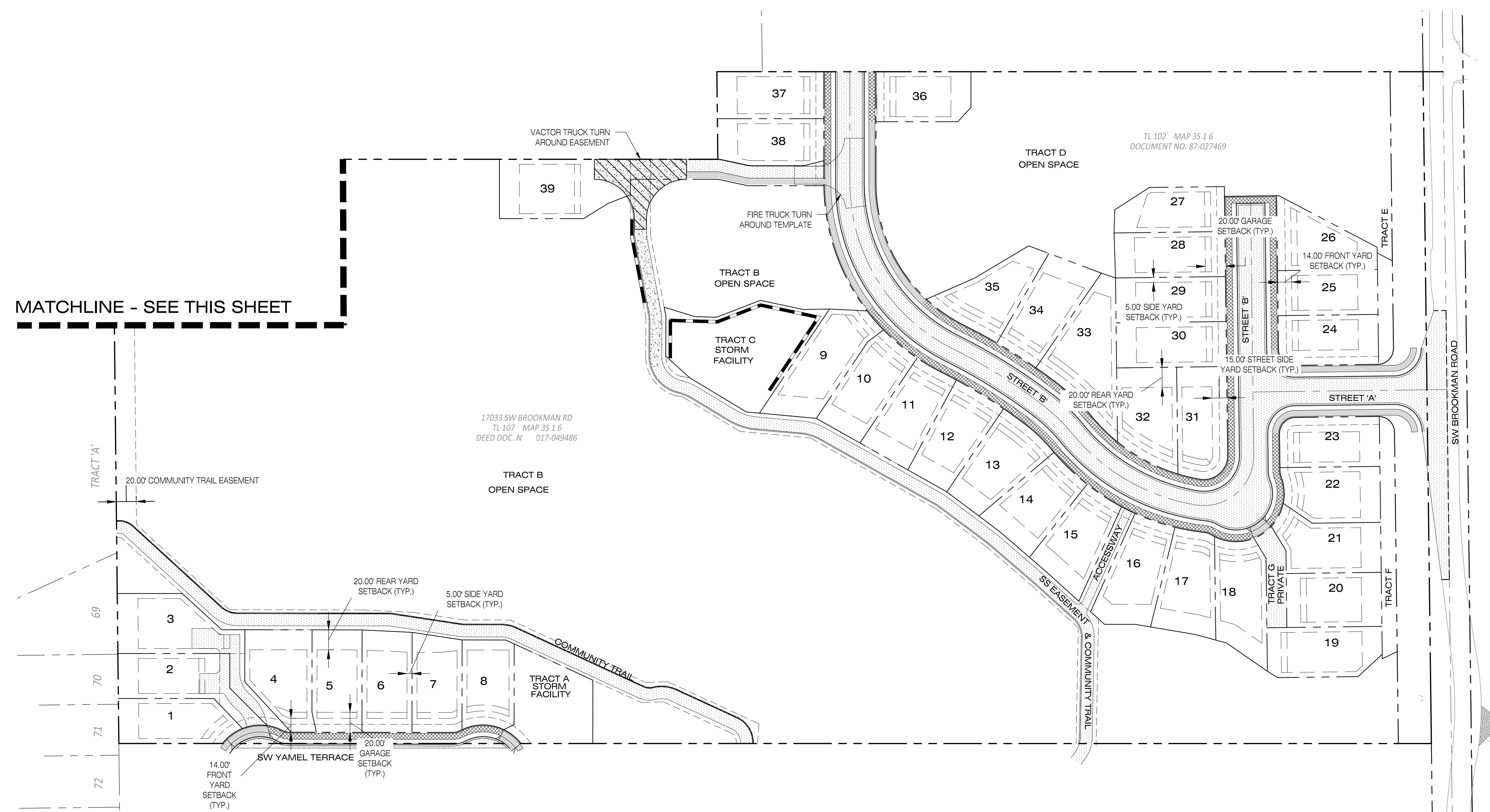
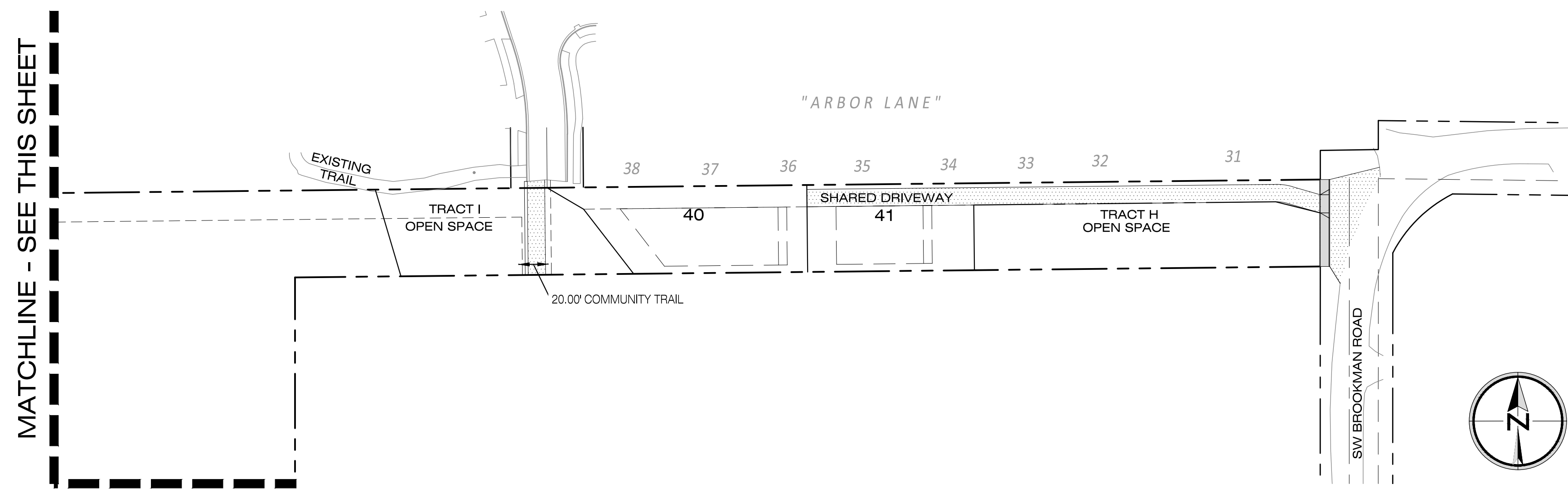
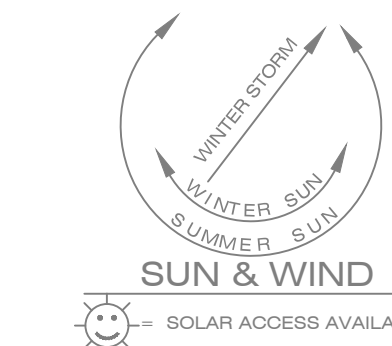
SETBACK REQUIREMENTS

FRONT YARD: 14 FT.
 FACE OF GARAGE: 20 FT.
 SIDE YARD: 5 FT.
 STREET SIDE YARD: 15 FT.
 REAR BUILDING: 20 FT.



SETBACK REQUIREMENTS
NTS

= SOLAR ACCESS AVAILABLE



MATCHLINE - SEE THIS SHEET

MATCHLINE - SEE THIS SHEET

CONCEPTUAL BUILDING SETBACK PLAN

CEDAR CREEK GARDENS
 CITY OF SHERWOOD, OREGON

Designed by	Date	Reviewed by	Date	Project No.	REF.
MLS	08/2021	MLS	08/2021	285-021	
CFS	08/2021	MLS	08/2021		

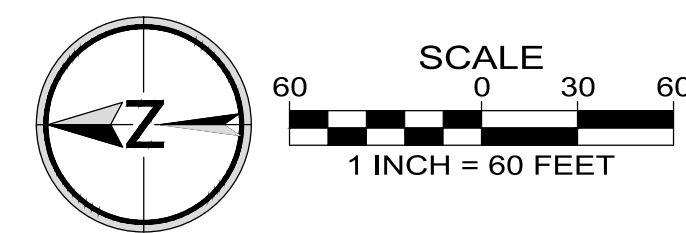
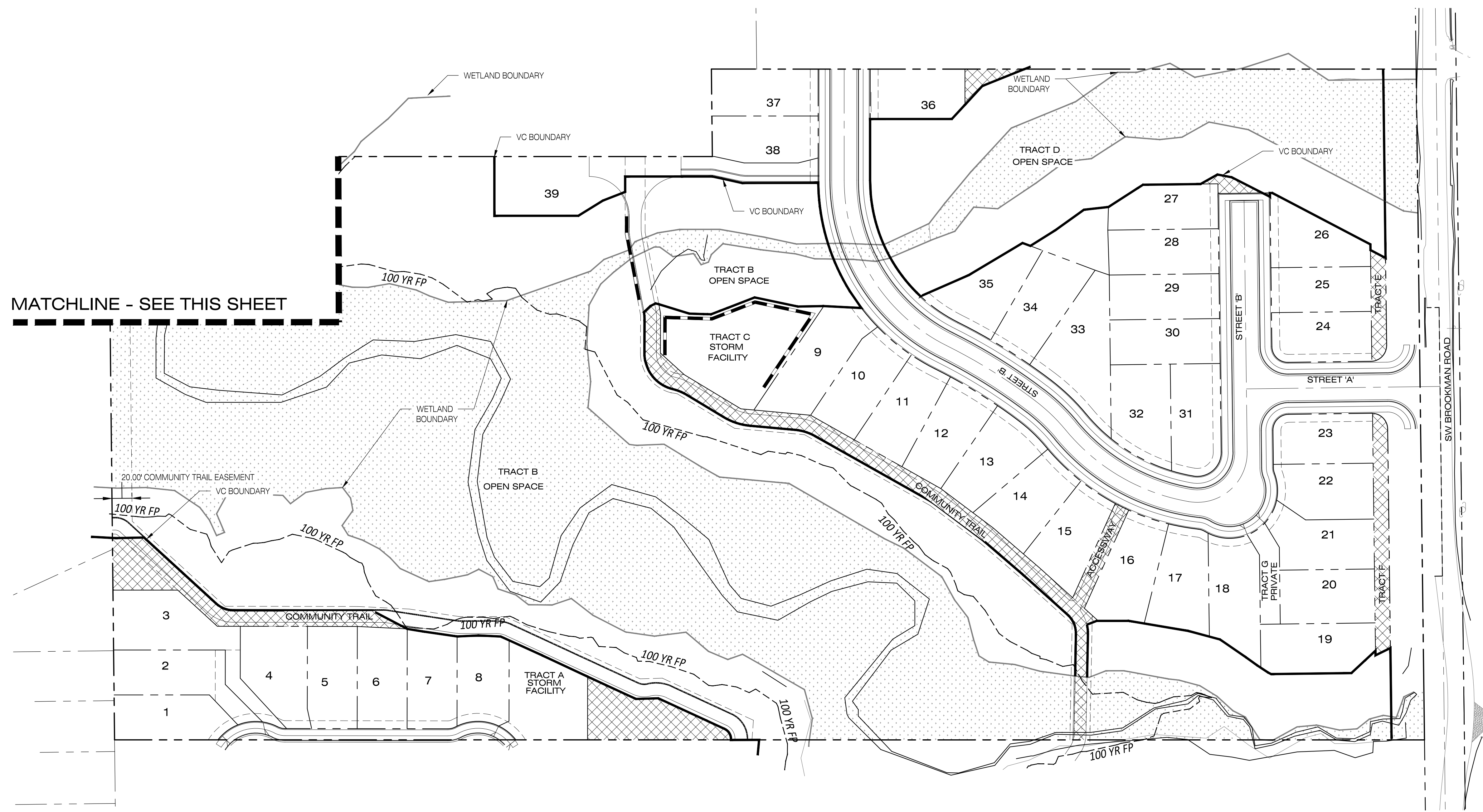
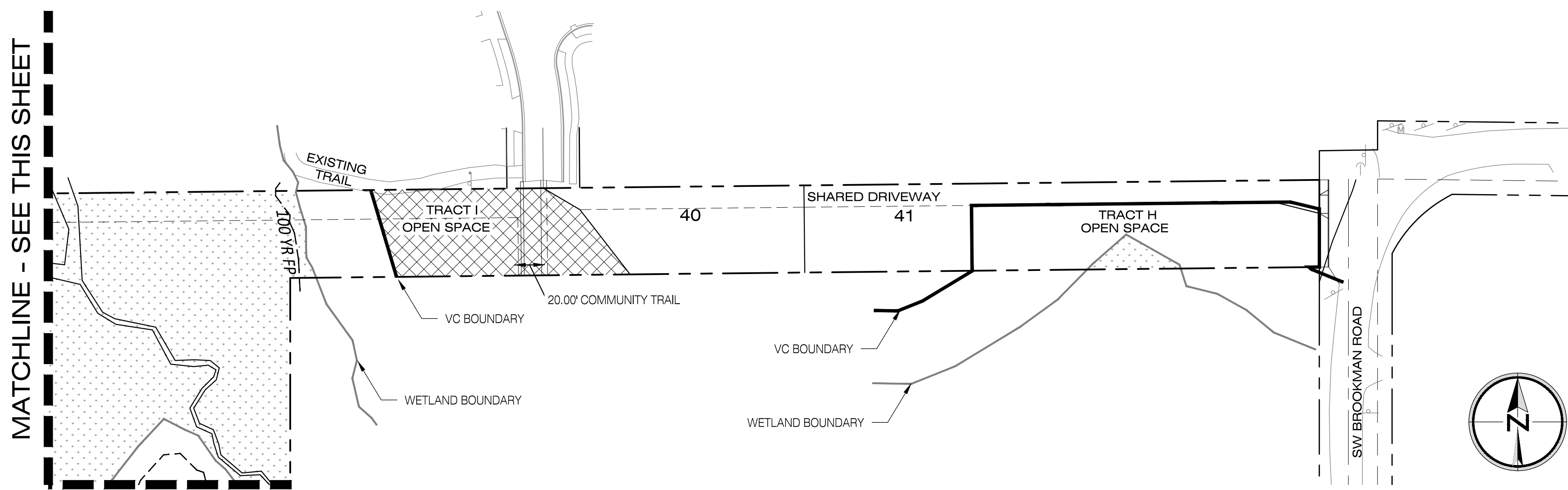
No.	Date	Revision

Project: CEDAR CREEK GARDENS
 No.: 285-021
 Type: PLANNING
 Sheet

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LEGEND

- PROPOSED EASEMENT LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT-OF-WAY
- PROPOSED LOT LINE
- BOUNDARY LINE
- [Cross-hatched] PROPOSED ACTIVE OPEN SPACE (19.5% OF NET AREA)
- [Dotted] EXISTING WETLAND



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CONCEPTUAL OPEN SPACE PLAN

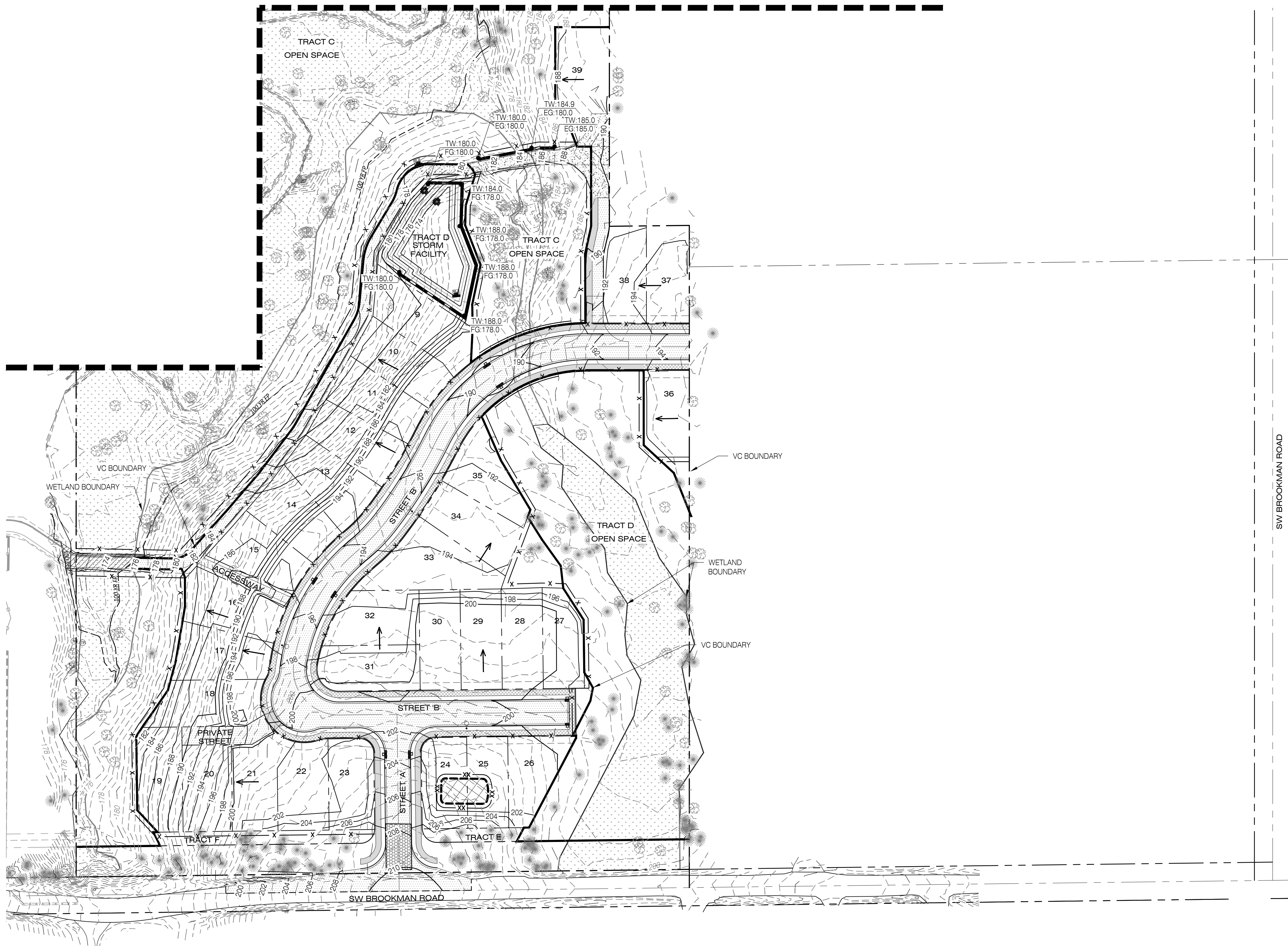
CEDAR CREEK GARDENS
 CITY OF SHERWOOD, OREGON

Designed by	MLS	Date
		08/2021
Drawn by	CFS	Date
		08/2021
Reviewed by	MLS	Date
		08/2021
Project No.	285-021	REF.
Horiz. Scale:		Vert. Scale:

No.	Date	Revision	By

Project: CEDAR CREEK GARDENS
 No.: 285-021
 Type: PLANNING
 Sheet: **P3.2**

MATCHLINE - SEE SHEET P4.1



LEGEND

- 171 --- EXISTING 1' CONTOUR
- 175 --- EXISTING 5' CONTOUR
- 171 --- PROPOSED 1' CONTOUR
- 175 --- PROPOSED 5' CONTOUR
- x - x - PROPOSED EROSION CONTROL FENCING
- █ PROPOSED CONCRETE RETAINING WALL
- ← PROPOSED FLOW LINE
- ▨ FLOOD PLAIN CUT/FILL
- ▩ PROPOSED CONSTRUCTION ENTRANCE
- XX XX PROPOSED STOCKPILE LOCATION
- TW:170.8 FG:168.7 PROPOSED WALL HEIGHT
- ▧ TYPE 4 INLET PROTECTION

CUT / FILL FLOOD PLAIN

PROPOSED CUT = 157 CY
 PROPOSED FILL = 152 CY
 NET CUT / FILL = 5 CY CUT

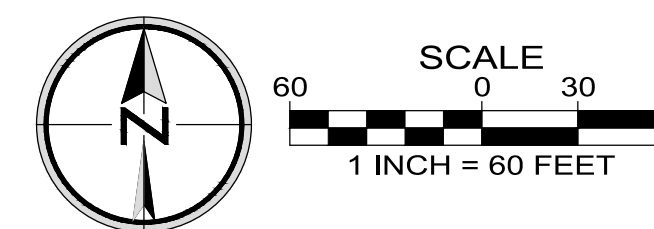
PRELIMINARY GRADING AND EROSION CONTROL PLAN (SOUTH)

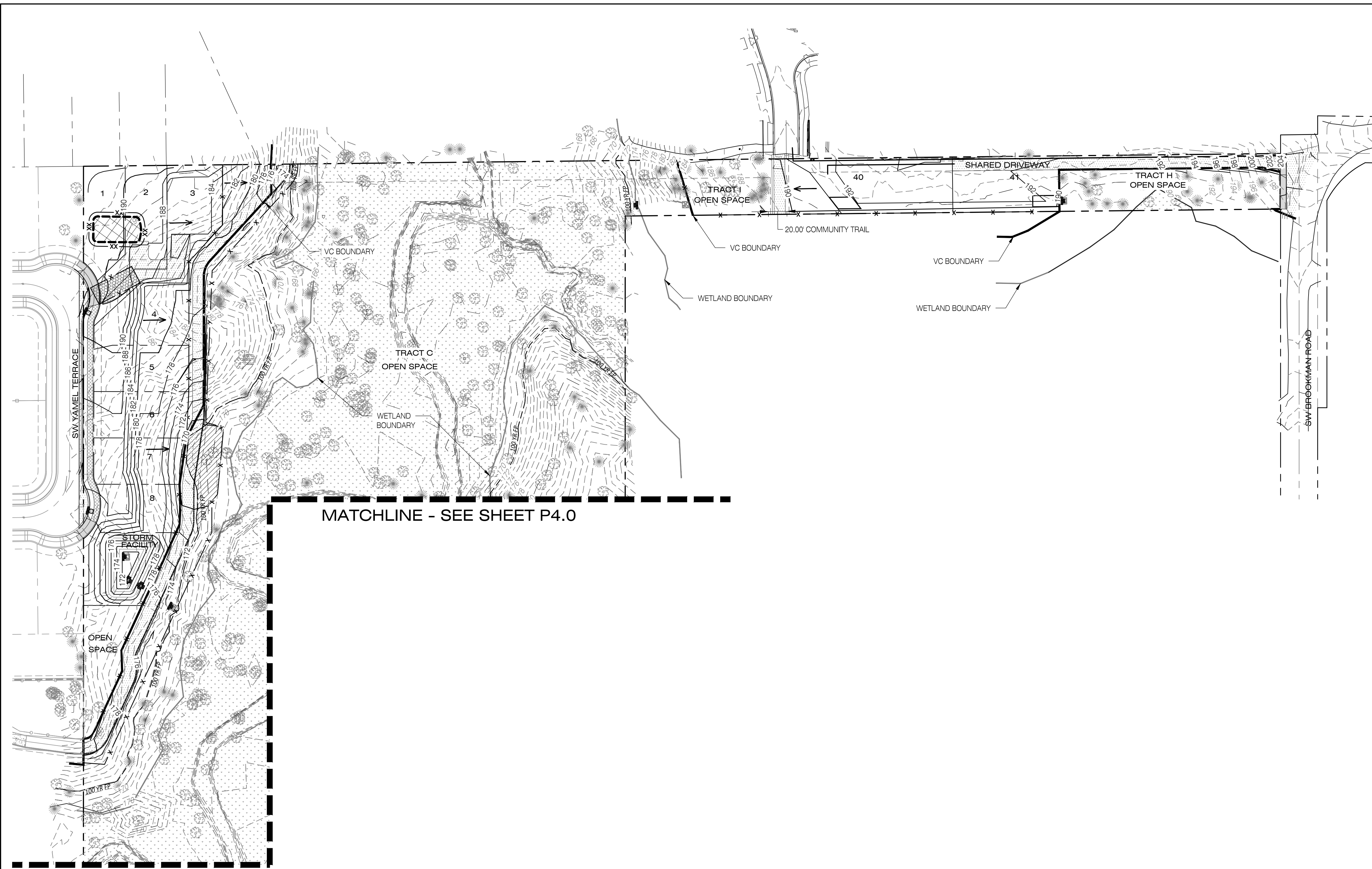
CEDAR CREEK GARDENS
 CITY OF SHERWOOD, OREGON

Designed by	Date	Reviewed by	Date	Project No.	REF.
MLS	08/2021	CFS	08/2021	285-021	
MLS	08/2021	MLS	08/2021		

No.	Date	Revision

Project: CEDAR CREEK GARDENS
 No.: 285-021
 Type: PLANNING
 Sheet:





LEGEND

- 171 --- EXISTING 1' CONTOUR
- 175 --- EXISTING 5' CONTOUR
- 171 — PROPOSED 1' CONTOUR
- 175 — PROPOSED 5' CONTOUR
- x - x - PROPOSED EROSION CONTROL FENCING
- █ PROPOSED CONCRETE RETAINING WALL
- ← PROPOSED FLOW LINE
- ▨ FLOOD PLAIN CUT/FILL
- ▩ PROPOSED CONSTRUCTION ENTRANCE
- ▣ PROPOSED STOCKPILE LOCATION
- TW:170.8
FG:168.7 PROPOSED WALL HEIGHT
- ▧ TYPE 4 INLET PROTECTION

CUT / FILL FLOOD PLAIN

PROPOSED CUT = 157 CY
 PROPOSED FILL = 152 CY
 NET CUT / FILL = 5 CY CUT

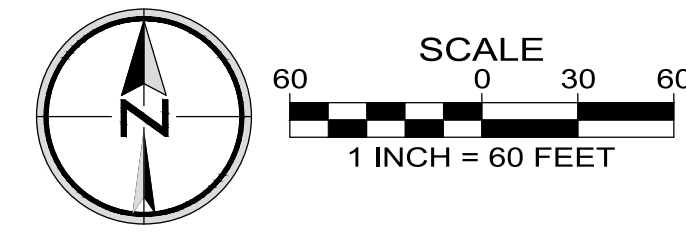
MATCHLINE - SEE SHEET P4.0

PRELIMINARY GRADING AND EROSION CONTROL PLAN (NORTH)
 CEDAR CREEK GARDENS
 CITY OF SHERWOOD, OREGON

Designed by	MLS	Date	08/2021
Drawn by	CFS	Date	08/2021
Reviewed by	MLS	Date	08/2021
Project No.	285-021	REF.	
Horiz. Scale:			
Vert. Scale:			

By	
Revision	
No.	
Date	

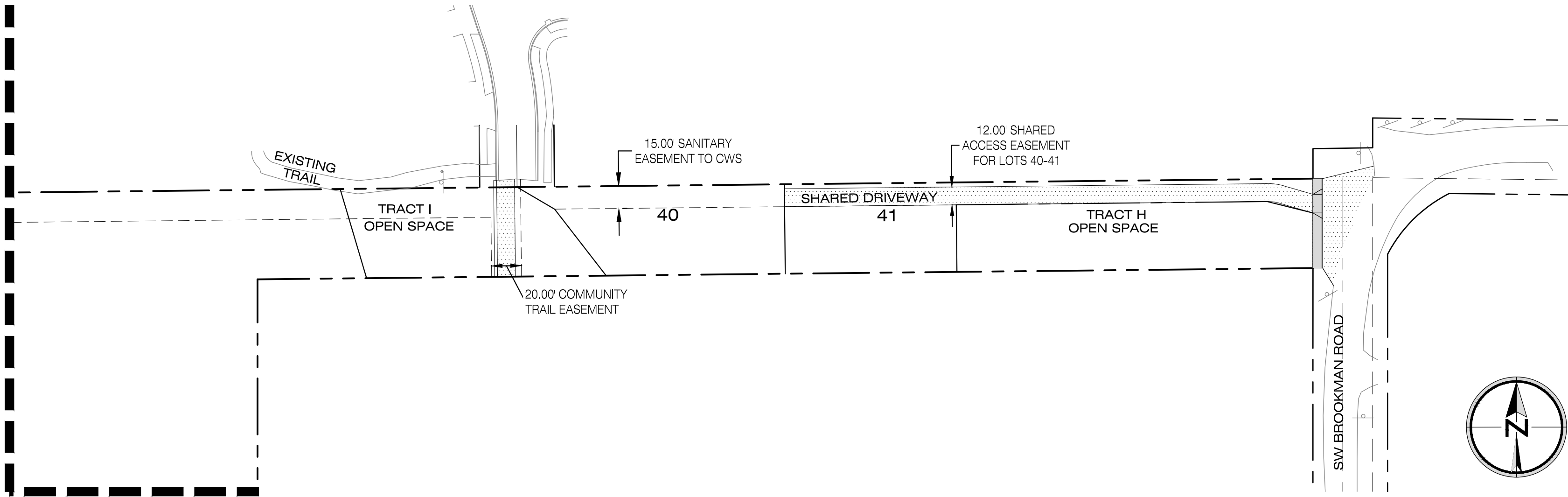
Project
 CEDAR CREEK GARDENS
 No.
 285-021
 Type
 PLANNING
 Sheet



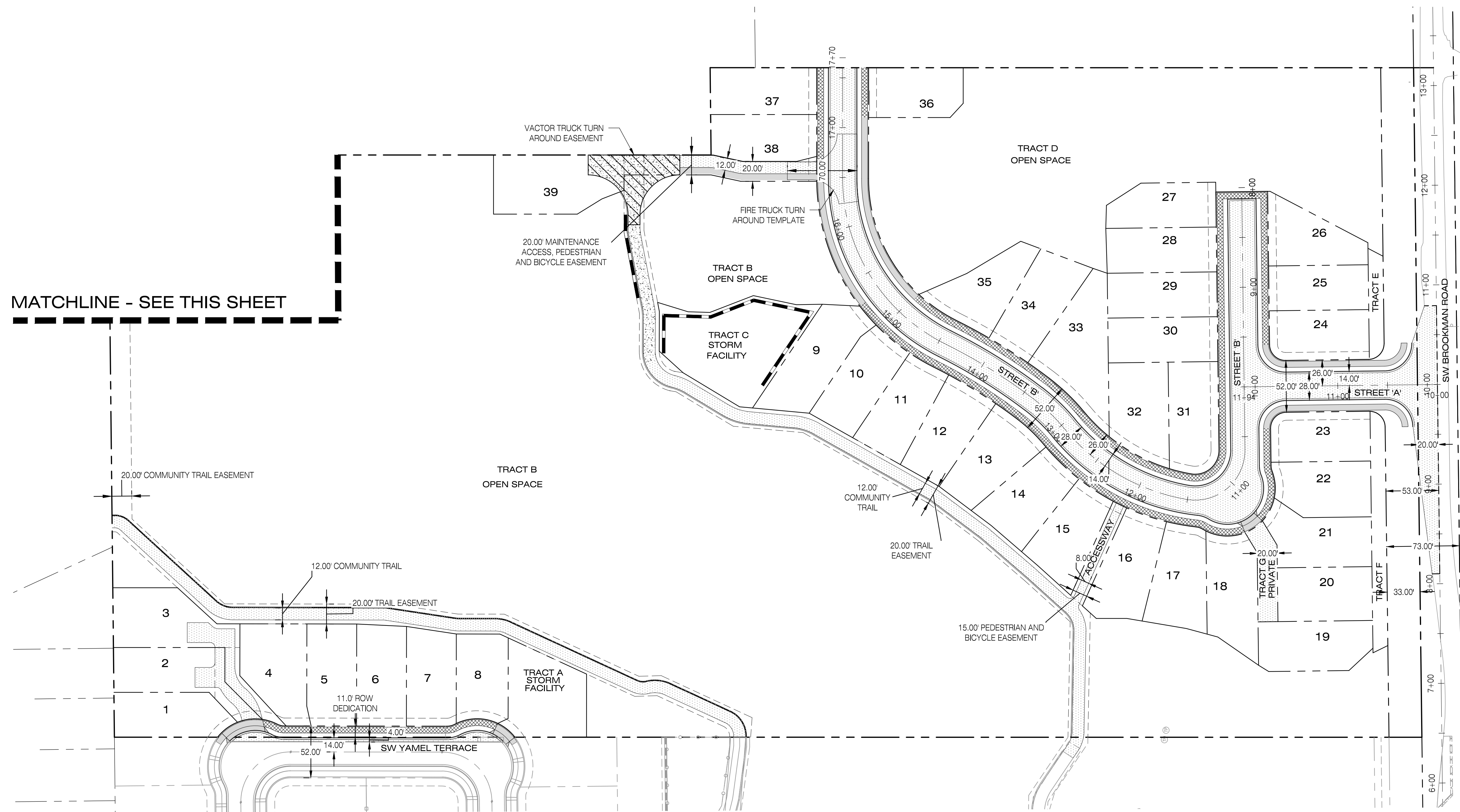
LEGEND

- PROPOSED EASEMENT LINE
- PROPOSED CENTERLINE
- - - PROPOSED RIGHT-OF-WAY
- - - PROPOSED LOT LINE
- BOUNDARY LINE
- ▨ CONCRETE SIDEWALK TO BE BUILT BY HOMEBUILDER
- ▨ CONCRETE SIDEWALK TO BE BUILT WITH FACILITY PERMIT
- ▨ PROPOSED PAVEMENT

MATCHLINE - SEE THIS SHEET



MATCHLINE - SEE THIS SHEET



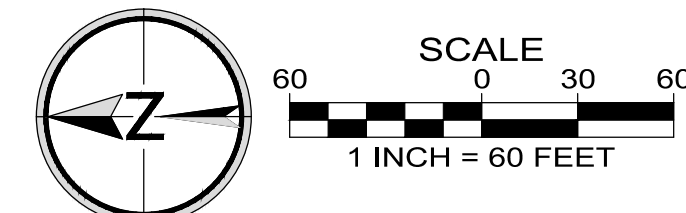
OVERALL STREET PLAN

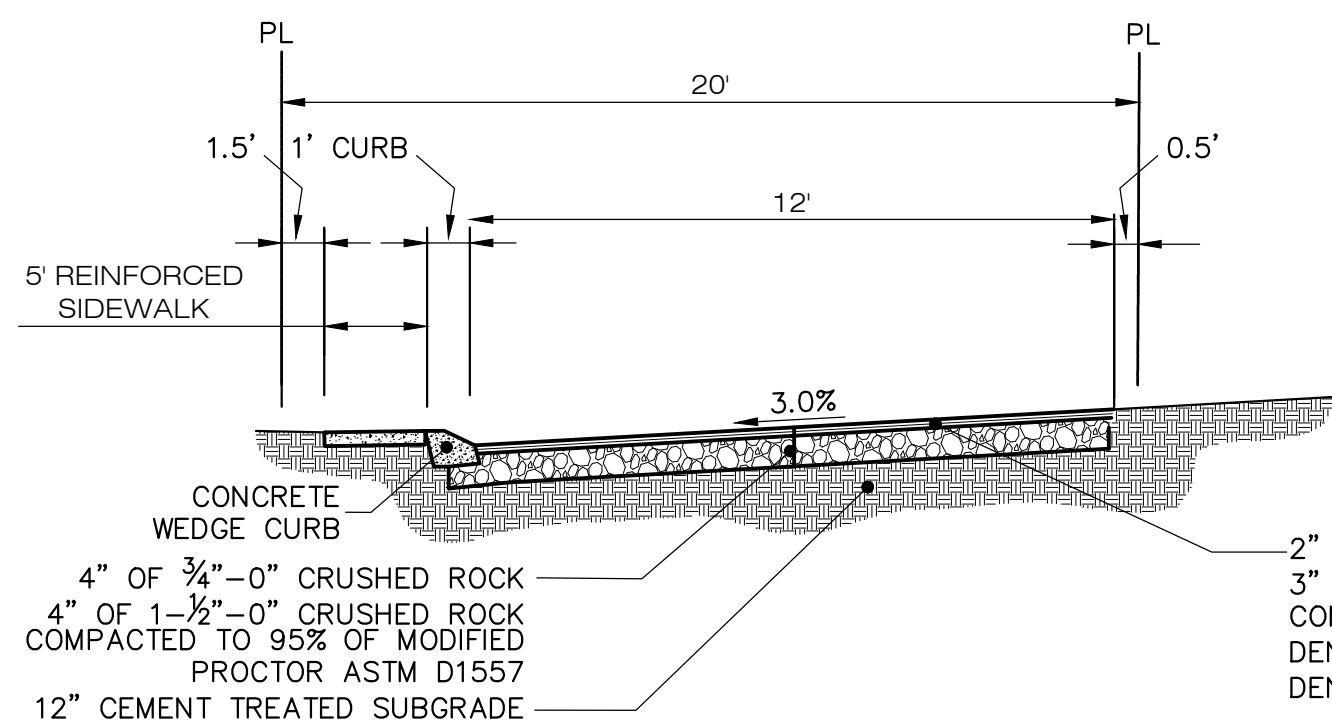
CEDAR CREEK GARDENS
CITY OF SHERWOOD, OREGON

Designed by	Date	Reviewed by	Date
MLS	08/2021	CFS	08/2021
Drawn by <td></td> <td>Reviewed by <td></td> </td>		Reviewed by <td></td>	
MLS		MLS	
Project No.	285-021	REF.	
Horiz. Scale:		Vert. Scale:	
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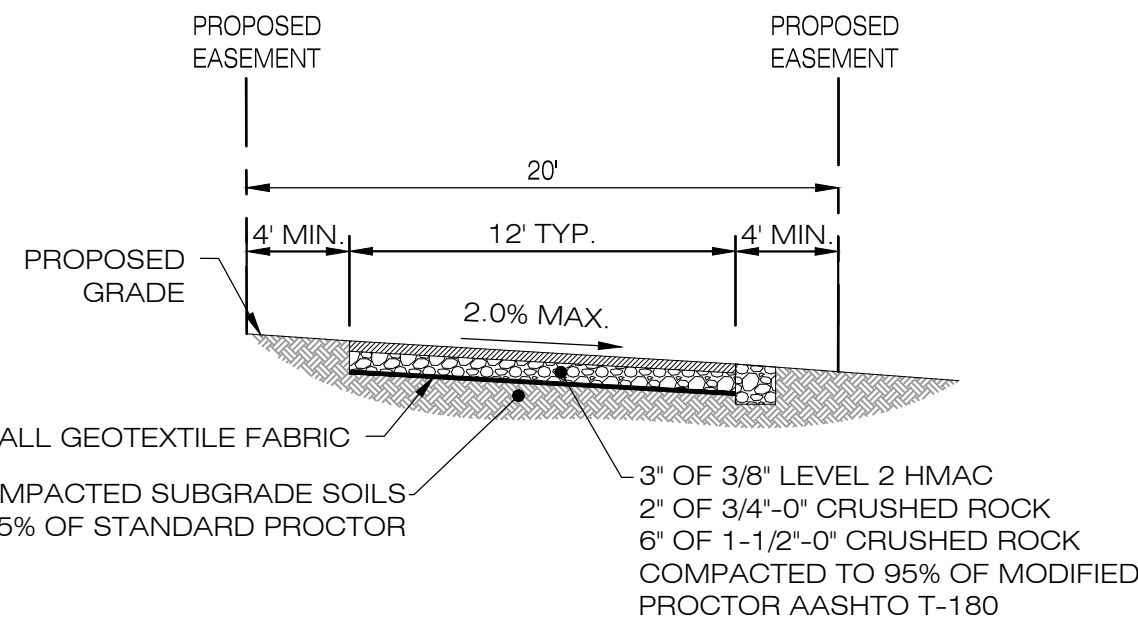
No.	Date	Revision	By

Project: CEDAR CREEK GARDENS
 No.: 285-021
 Type: PLANNING
 Sheet

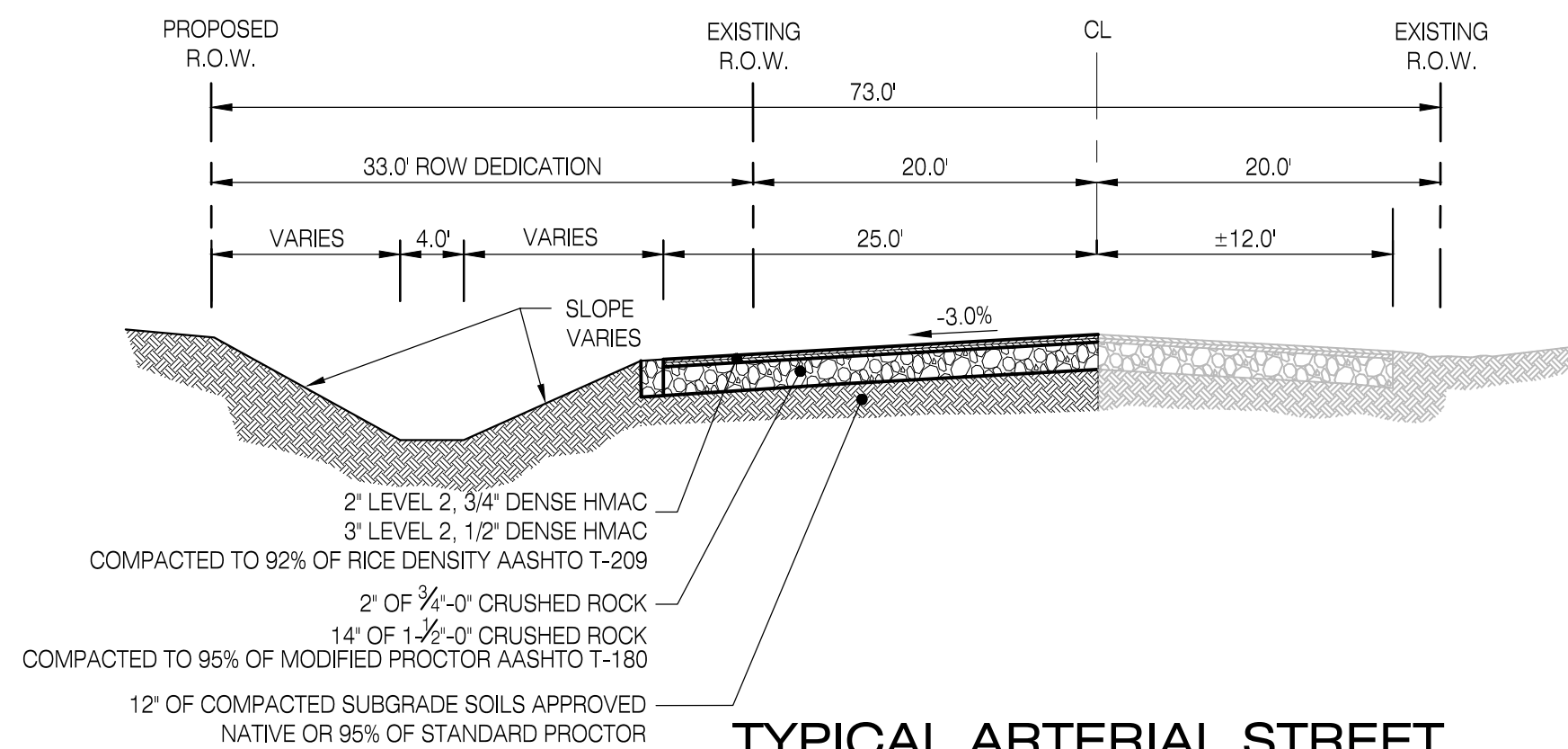




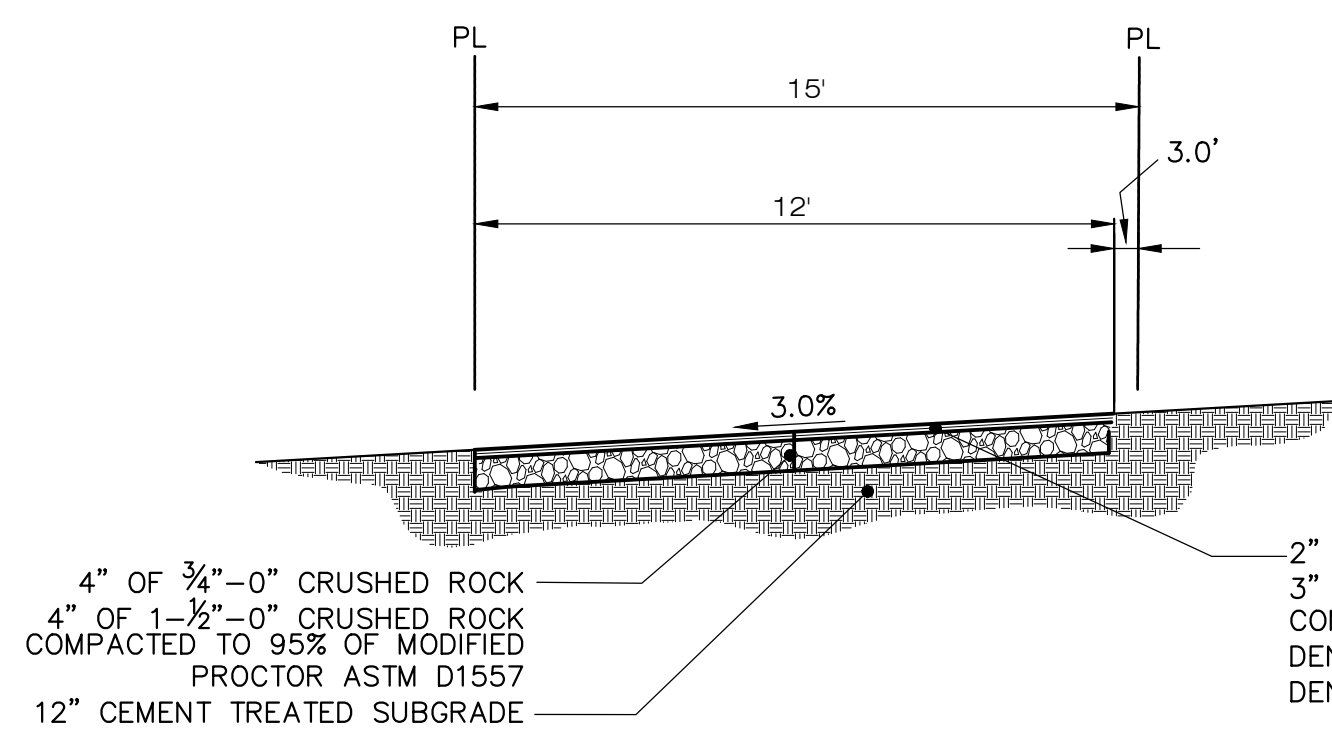
LOT 39 DRIVEWAY
 PUBLIC PEDESTRIAN/ BICYCLE ACCESS AND EMERGENCY & MAINTENANCE VEHICLE ACCESS EASEMENT
 N.T.S.



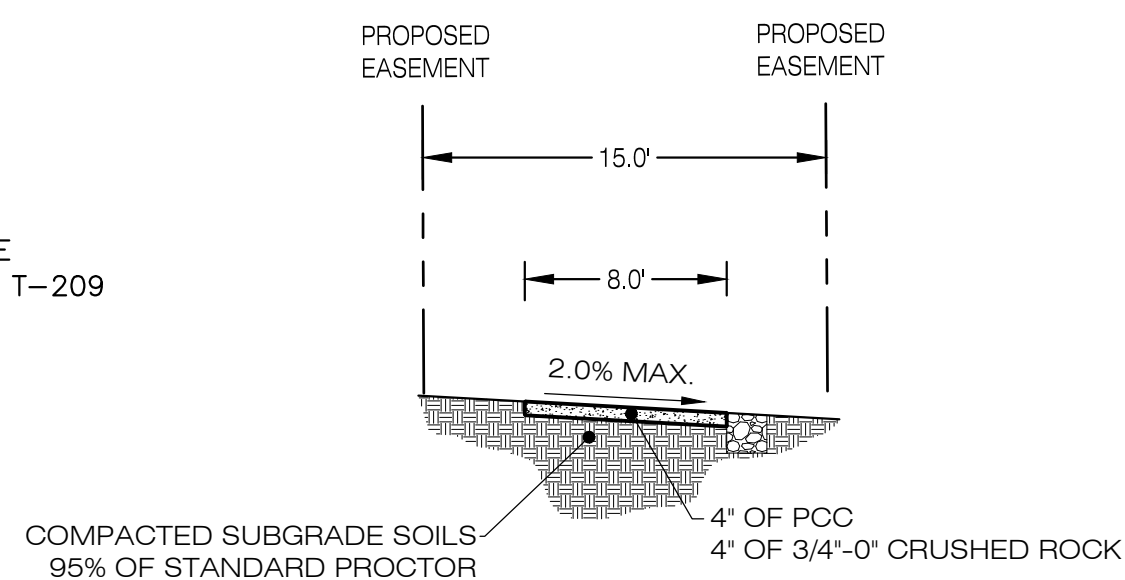
COMMUNITY TRAIL
 ALONG CEDAR CREEK
 N.T.S.



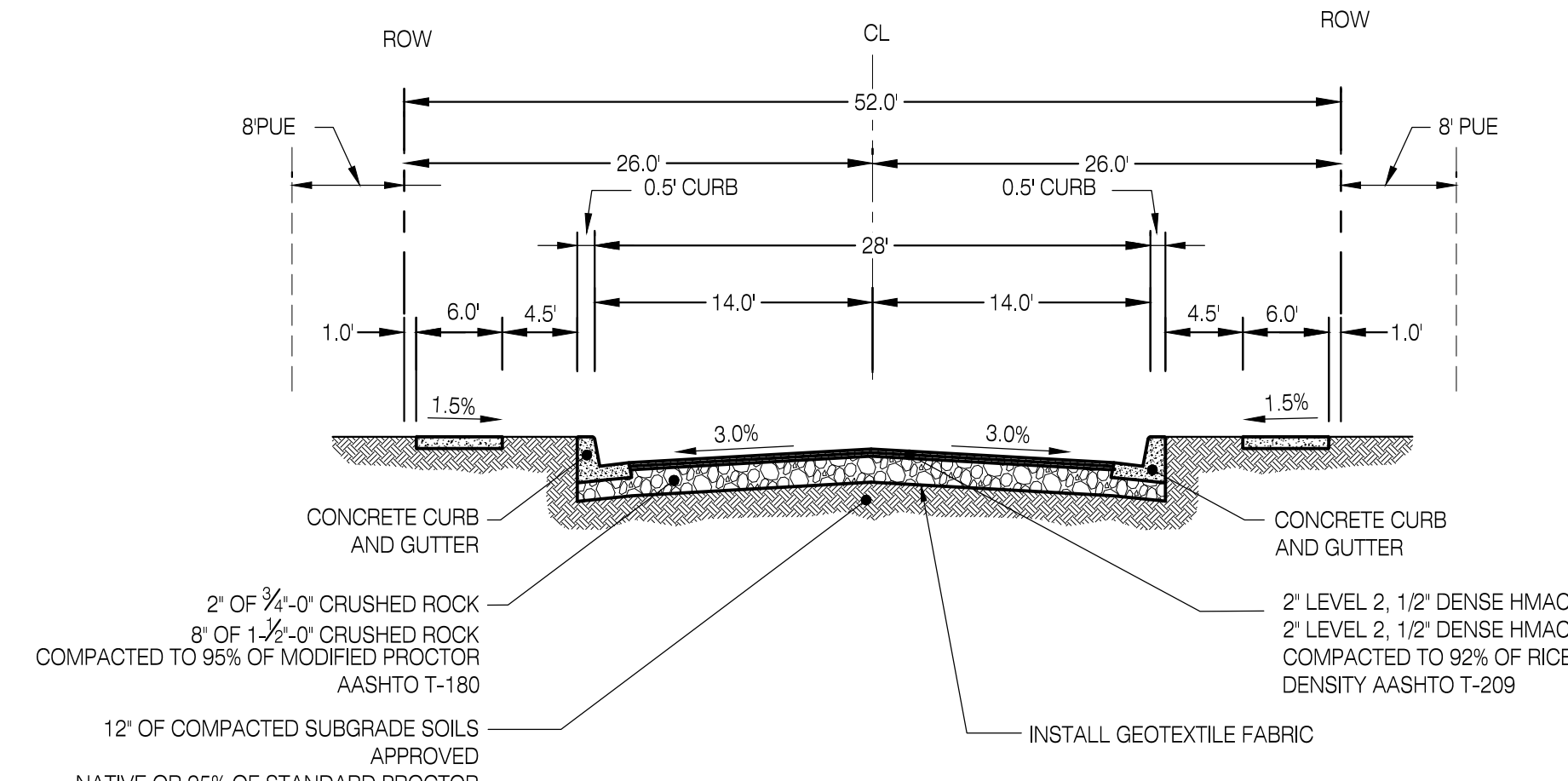
TYPICAL ARTERIAL STREET
 SW BROOKMAN ROAD
 N.T.S.



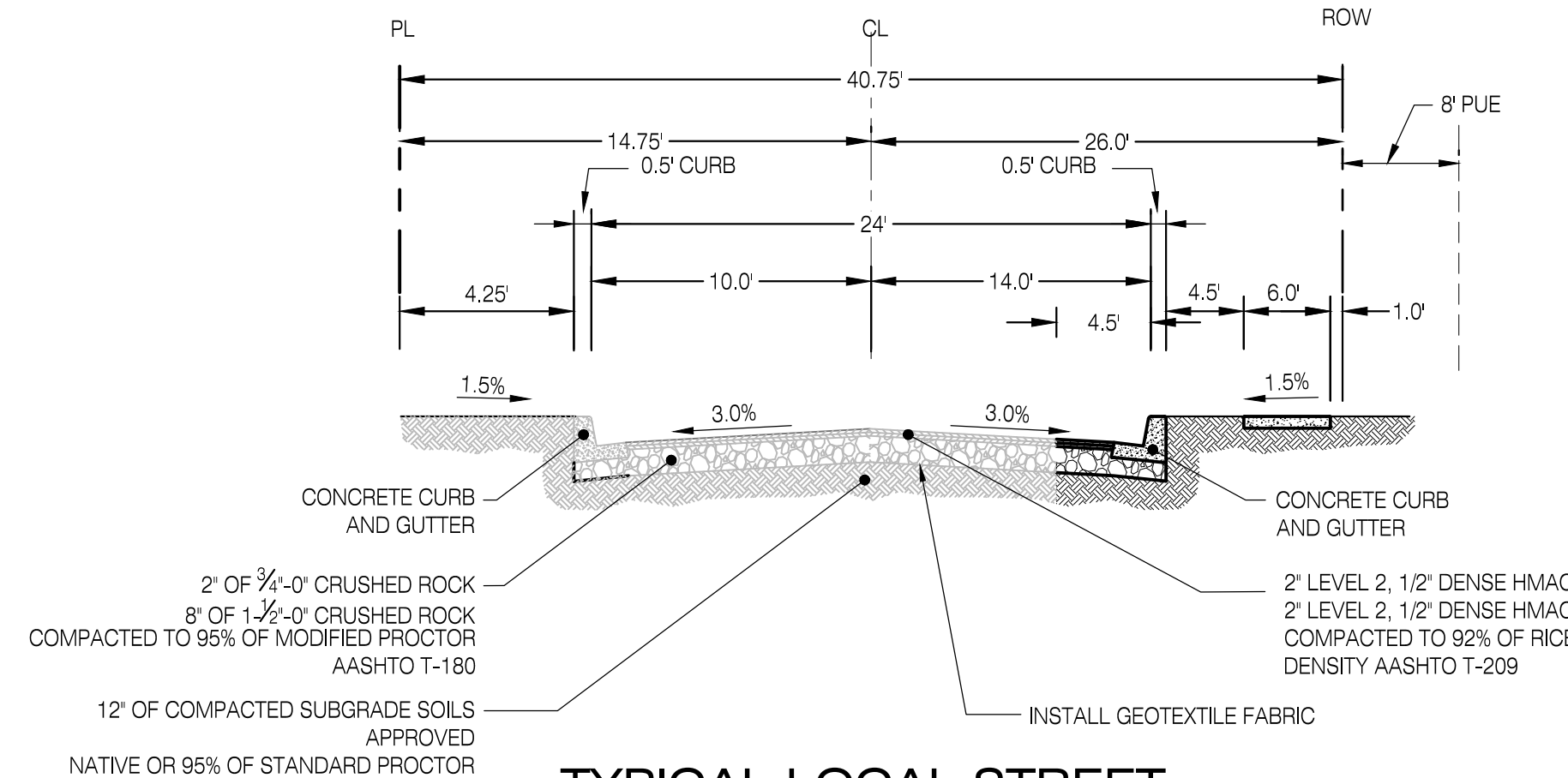
LOT 40 & 41 SHARED DRIVEWAY
 EMERGENCY VEHICLE ACCESS EASEMENT
 N.T.S.



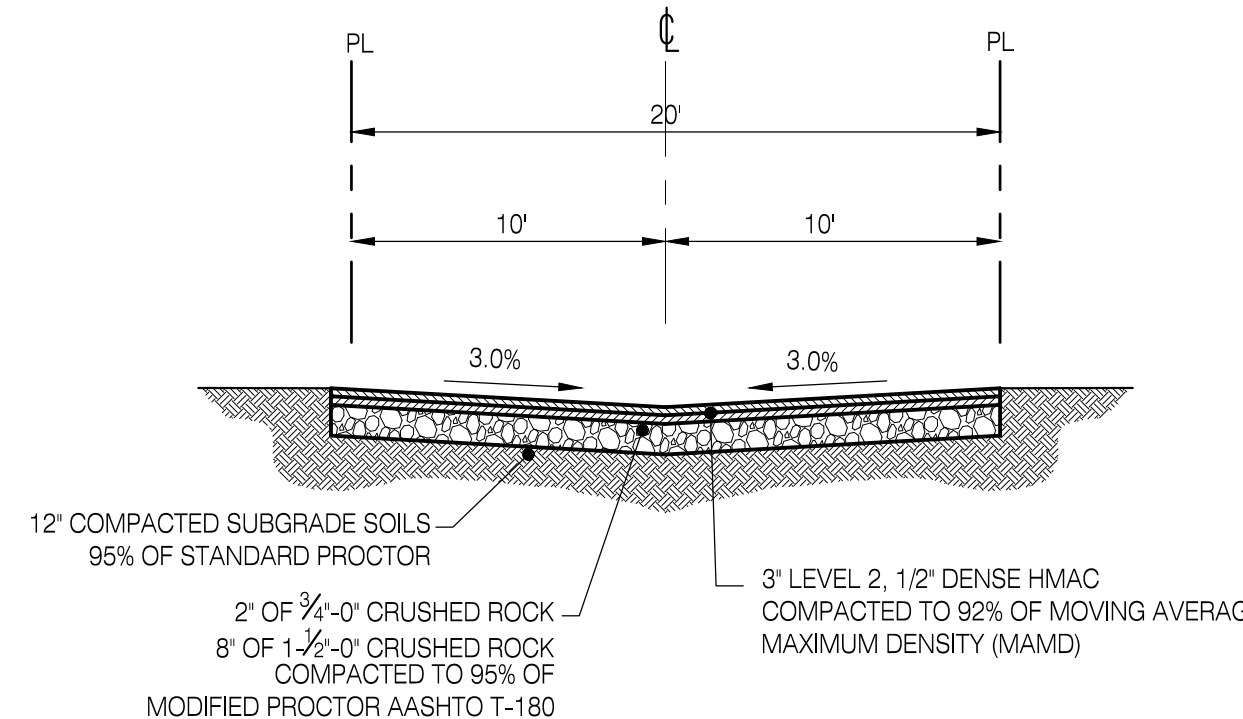
TYPICAL PEDESTRIAN/BICYCLE PATH
 WALKWAY BETWEEN LOTS 15 & 16
 N.T.S.



TYPICAL LOCAL STREET
 STREET 'A' AND STREET 'B'
 N.T.S.



TYPICAL LOCAL STREET
 SW YAMEL TERRACE
 N.T.S.



TYPICAL PRIVATE STREET
 TRACT G
 N.T.S.

TYPICAL SECTIONS

CEDAR CREEK GARDENS
 CITY OF SHERWOOD, OREGON

Designed by	Date	Reviewed by	Date	Project No.	Horiz. Scale:	Vert. Scale:
MLS	08/2021	CFS	08/2021	285-021	REF.	

By	Revision	Date	No.

Project: CEDAR CREEK GARDENS
 No.: 285-021
 Type: PLANNING
 Sheet: **P5.1**

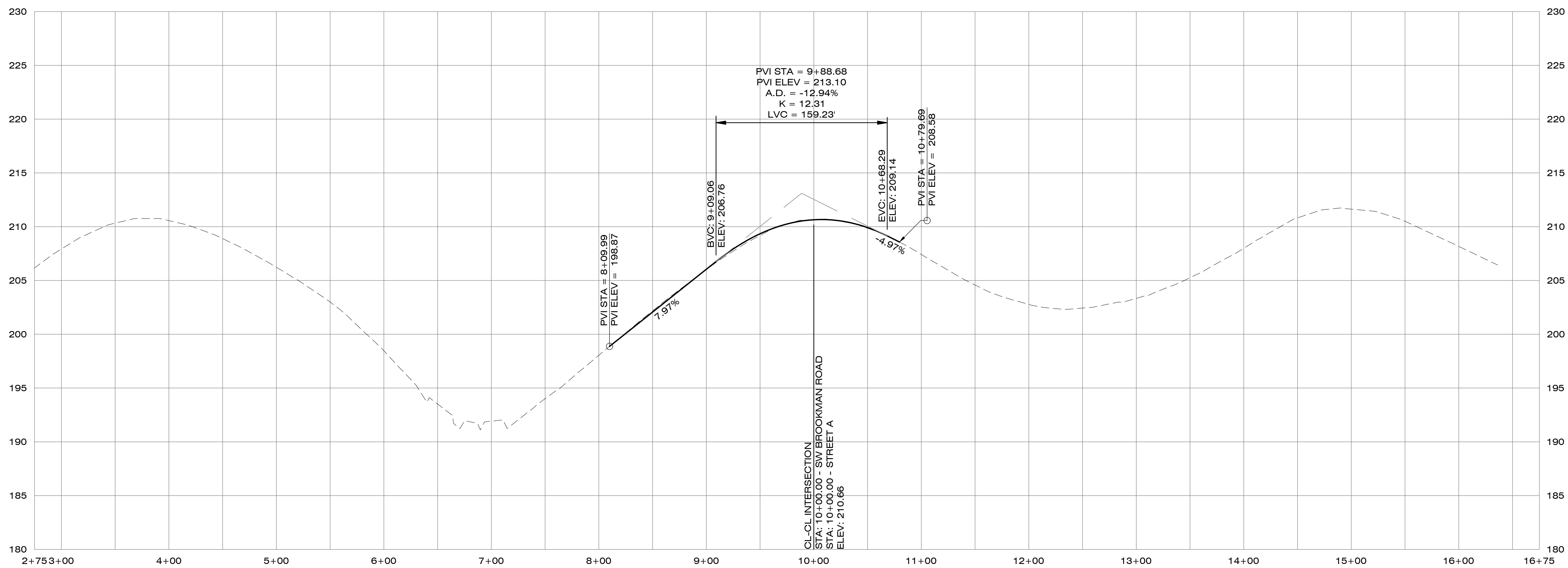
PRELIMINARY STREET PROFILES

CEDAR CREEK GARDENS
 CITY OF SHERWOOD, OREGON

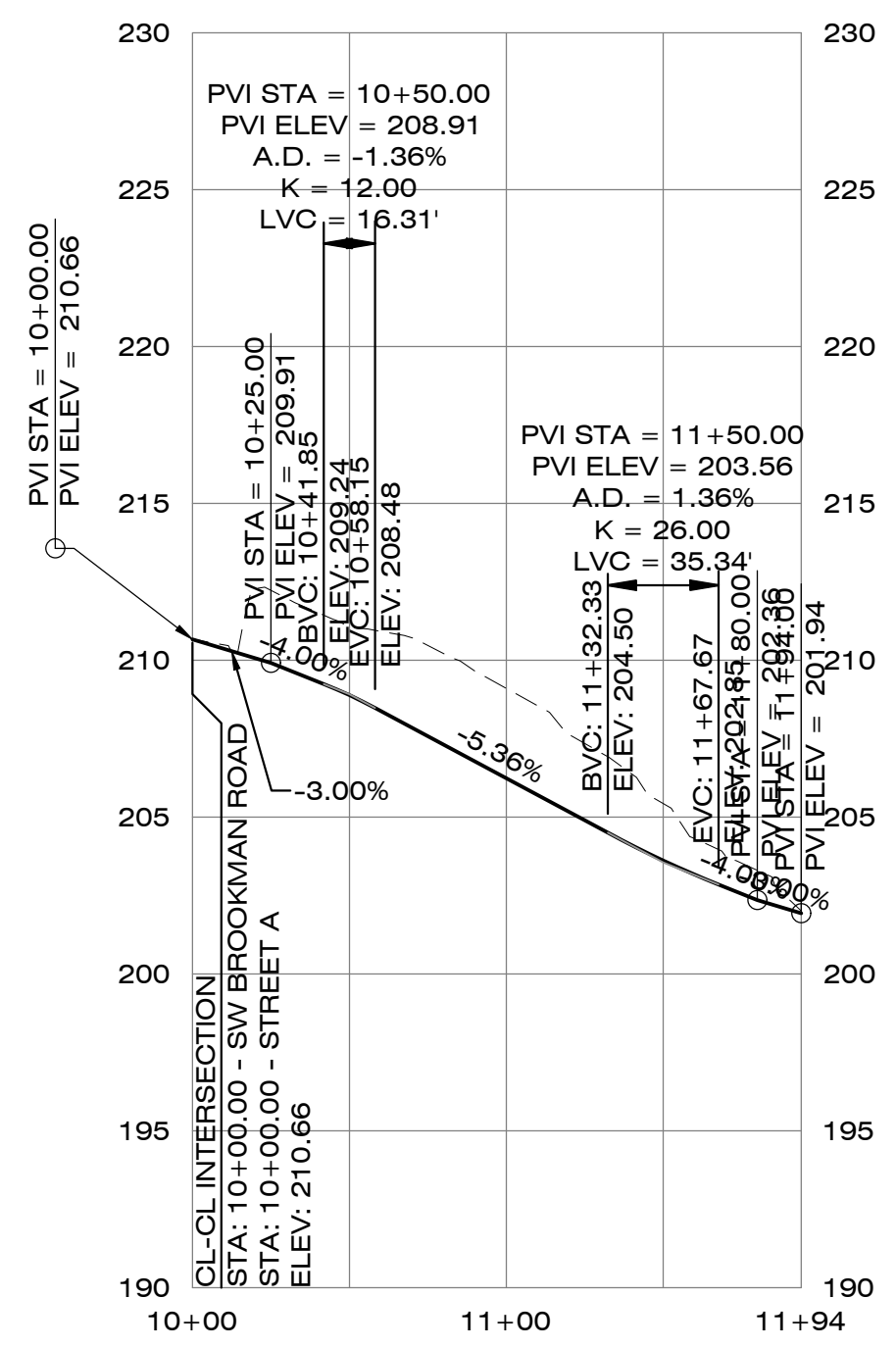
Designed by	Date
MLS	08/2021
Drawn by	Date
CFS	08/2021
Reviewed by	Date
MLS	08/2021
Project No.	REF.
285-021	
Horiz. Scale:	Vert. Scale:
	28521_P5.03a1.dwg

No.	Date	Revision

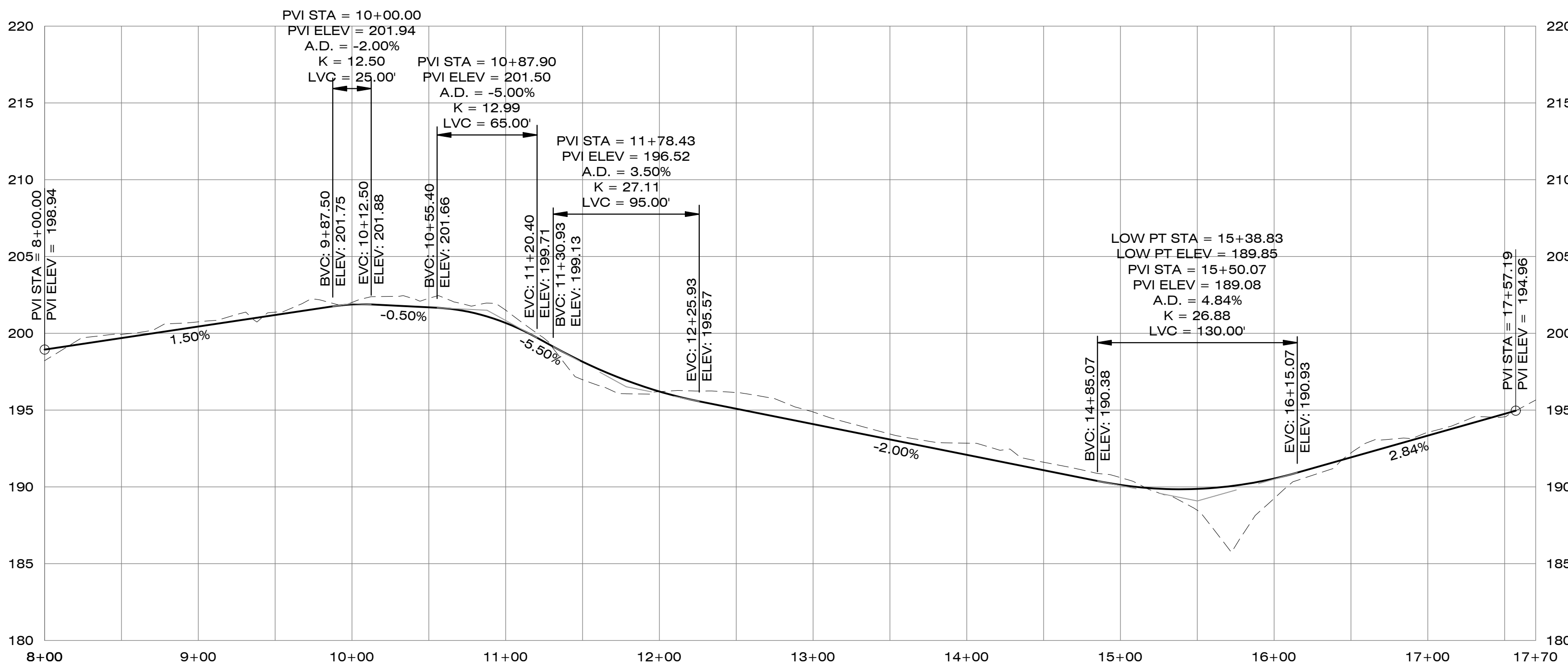
Project: CEDAR CREEK GARDENS
 No.: 285-021
 Type: PLANNING
 Sheet:



SW BROOKMAN ROAD PROFILE
 SCALE: 1"=60' (H), 1"=6' (V)



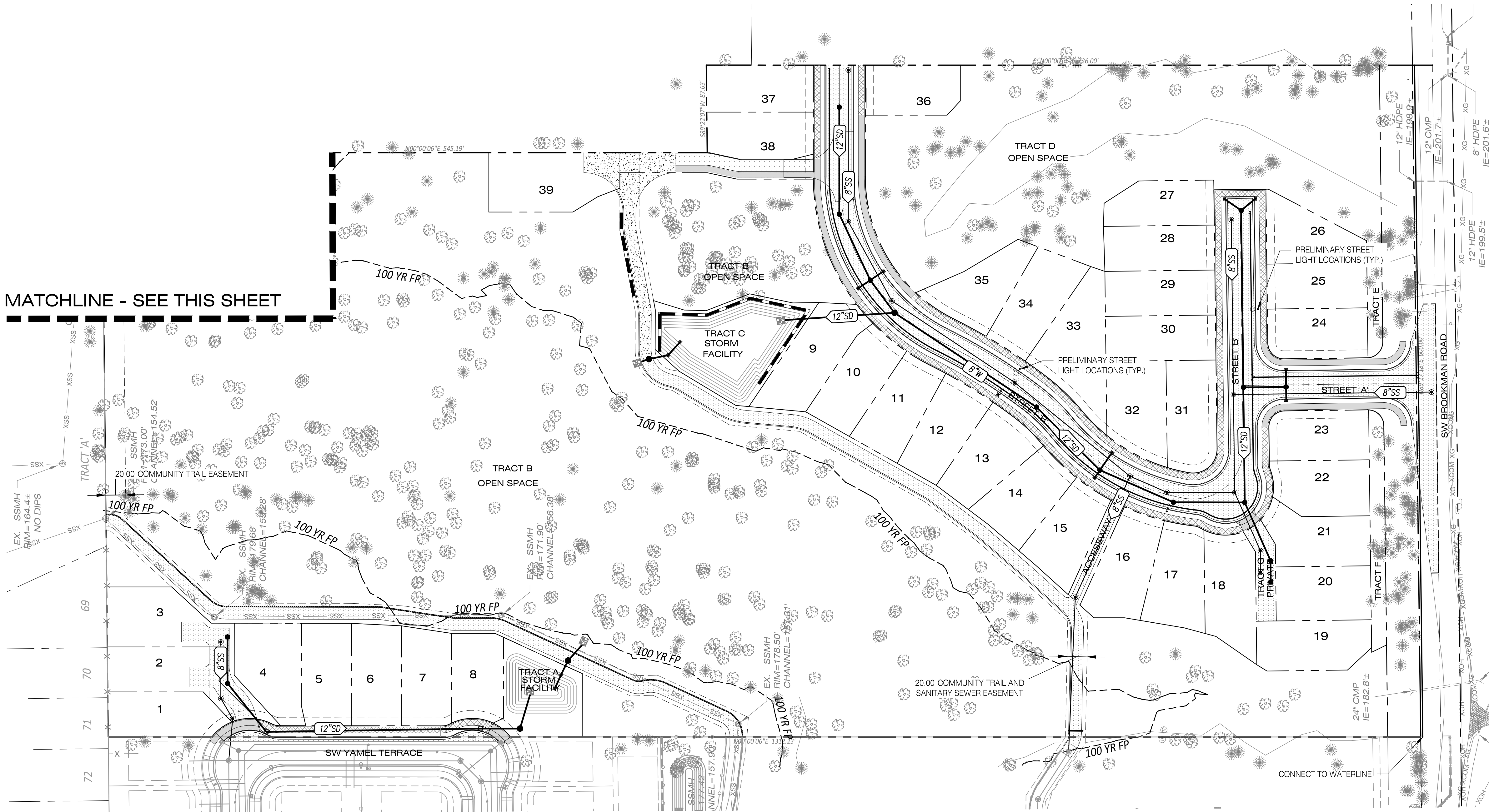
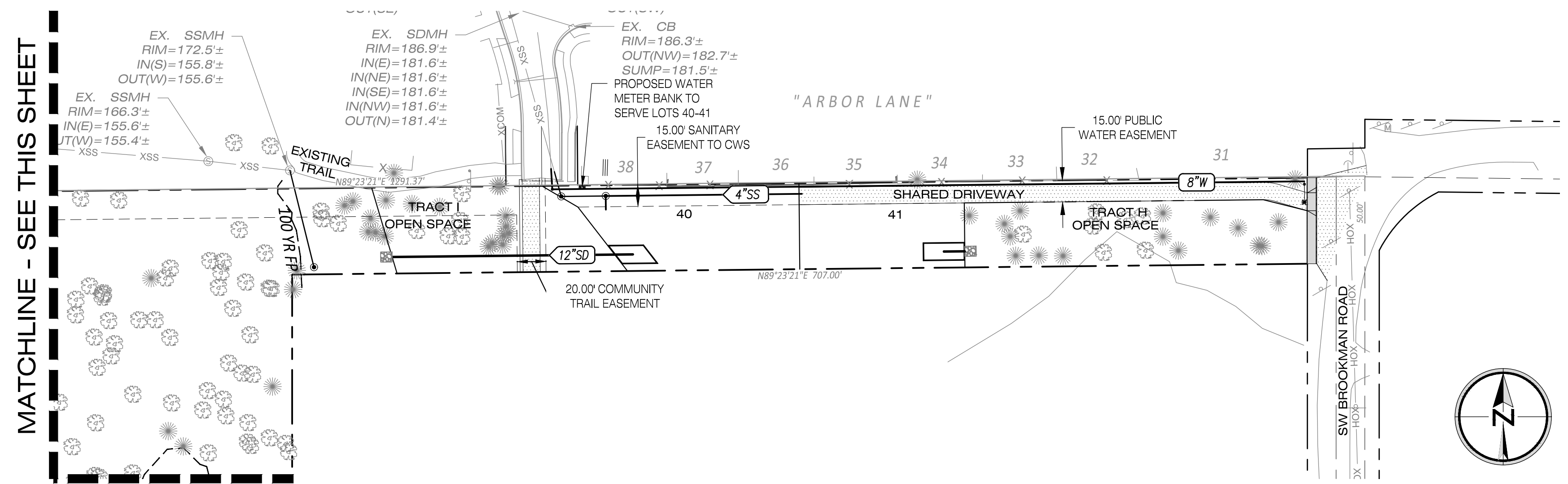
STREET 'A' PROFILE
 SCALE: 1"=60' (H), 1"=6' (V)



STREET B PROFILE
 SCALE: 1"=60' (H), 1"=6' (V)

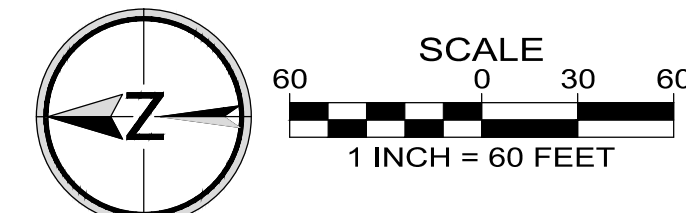
LEGEND

- PROPOSED EASEMENT LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT-OF-WAY
- PROPOSED LOT LINE
- BOUNDARY LINE
- PROPOSED CONCRETE SIDEWALK
- PROPOSED PAVEMENT
- PROPOSED STANDARD CURB
- PROPOSED STORM LINE & MANHOLE
- PROPOSED SANITARY LINE & MANHOLE
- PROPOSED WATER LINE AND VALVE
- APPROXIMATE STREET LIGHT LOCATION (FINAL LOCATION WILL BE DESIGNED BY A LIGHTING DESIGNER).



MATCHLINE - SEE THIS SHEET

MATCHLINE - SEE THIS SHEET



PRELIMINARY COMPOSITE UTILITY PLAN

CEDAR CREEK GARDENS
CITY OF SHERWOOD, OREGON

Designed by	Date	Reviewed by	Date
MLS	08/2021	CFS	08/2021
MLS	08/2021	MLS	08/2021

Project No. 285-021
 Horiz. Scale:
 Vert. Scale:

No.	Date	Revision	By

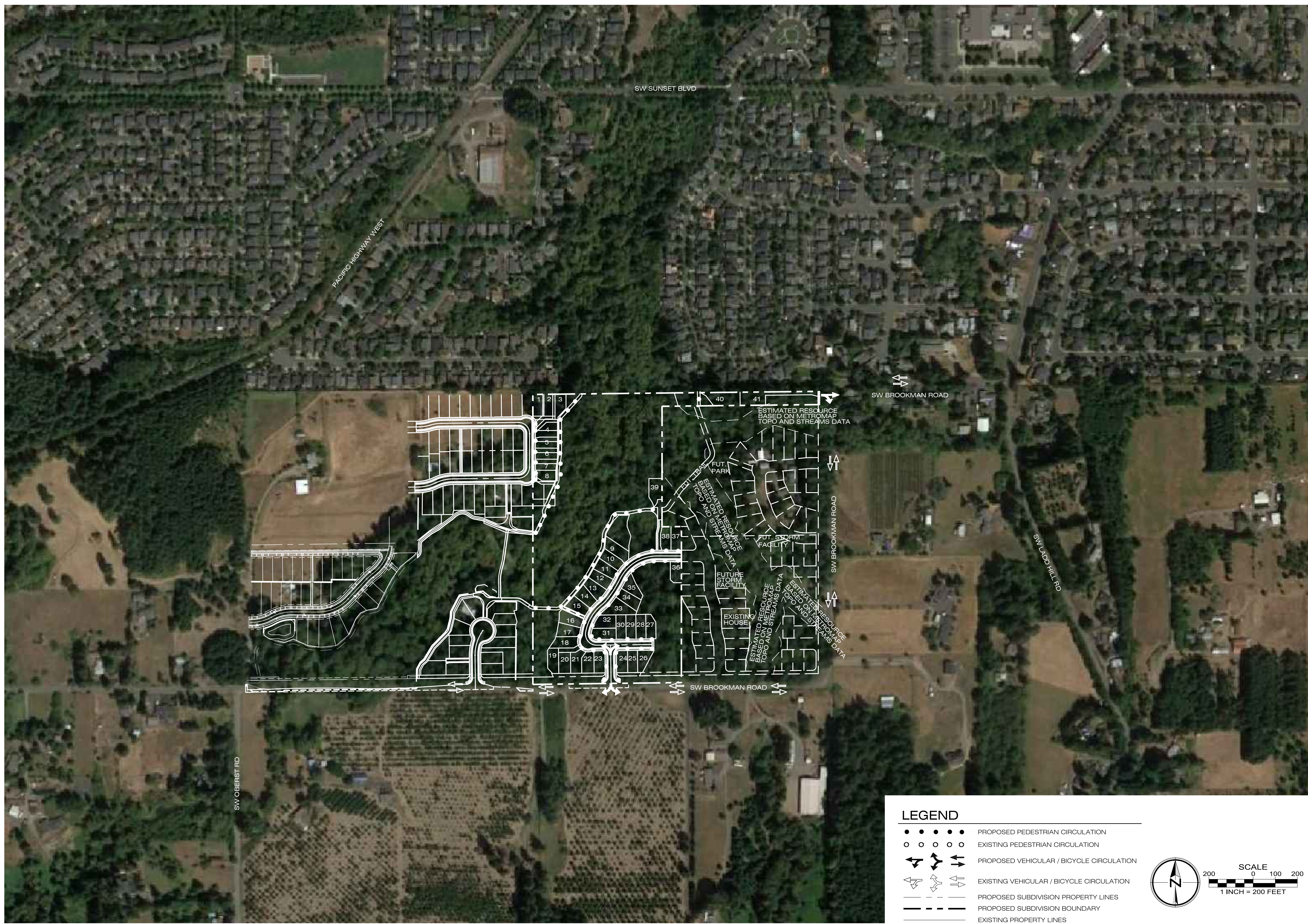
Project: CEDAR CREEK GARDENS
 No. 285-021
 Type: PLANNING
 Sheet

**CONCEPTUAL FUTURE
 CONNECTIVITY PLAN**
 CEDAR CREEK GARDENS
 CITY OF SHERWOOD, OREGON

Designed by	MLS	Date	08/2021
Drawn by	CFS	Date	08/2021
Reviewed by	MLS	Date	08/2021
Project No.	285-021	REF.	
Horiz. Scale:			
Vert. Scale:			

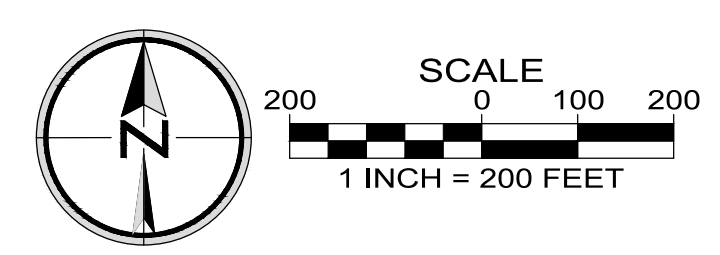
No.	Date	Revision	By

Project
 CEDAR CREEK GARDENS
 No.
 285-021
 Type
 PLANNING
 Sheet



LEGEND

- ● ● ● ● PROPOSED PEDESTRIAN CIRCULATION
- ○ ○ ○ ○ EXISTING PEDESTRIAN CIRCULATION
- ➔ ➔ ➔ ➔ ➔ PROPOSED VEHICULAR / BICYCLE CIRCULATION
- ➔ ➔ ➔ ➔ ➔ EXISTING VEHICULAR / BICYCLE CIRCULATION
- — — — — PROPOSED SUBDIVISION PROPERTY LINES
- - - - - PROPOSED SUBDIVISION BOUNDARY
- — — — — EXISTING PROPERTY LINES



PRELIMINARY STREET TREE & OPEN SPACE PLANTING PLAN

CEDAR CREEK GARDENS
 CITY OF SHERWOOD, OREGON

Designed by	MLS	Date	08/2021
Drawn by	CFS	Date	08/2021
Reviewed by	MLS	Date	08/2021
Project No.	285-021	REF.	
Horiz. Scale:		Vert. Scale:	

By	
Revision	
No.	
Date	

Project
 CEDAR CREEK GARDENS
 No.
 285-021
 Type
 PLANNING
 Sheet

- NOTES:**
- SEE SHEET L2 FOR LANDSCAPE PLANTING LEGENDS, NOTES & DETAILS
 - SEE CITY OF SHERWOOD STREET TREE DETAIL SHEET L2 FOR ALL STREET TREES.
 - ALL STREET TREE PLANTER STRIPS TO BE PLANTED WITH SOD/LAWN.
 - A PERMANENT UNDERGROUND IRRIGATION SYSTEM WILL BE PROVIDED FOR ALL STREET TREE LAWN AREAS. TO BE DESIGN BUILD BY LANDSCAPE CONTRACTOR.
 - ALL STREET TREES ARE TO BE INSTALLED WITH A GEO TEXTILE ROOT CONTROL SYSTEM PER CITY OF SHERWOOD DETAIL SHEET L2.
 - SEE CIVIL PLANS FOR TREE PRESERVATION & REMOVAL PLAN.
 - CONTOURS SHOWN AT 2' AND 10' INTERVALS FOR REFERENCE ONLY.

- LEGEND:**
- SEE SHEET L2 FOR PROPOSED OPEN SPACE AND MITIGATION AREA PLANTING LEGENDS
 - SEE SHEET L2 FOR PROPOSED STORM WATER PLANTING LEGEND
 - INDIVIDUAL LOT - LIDA STORMWATER FACILITY
 - EXISTING TREES TO REMAIN - SEE TREE PRESERVATION AND REMOVAL PLANS

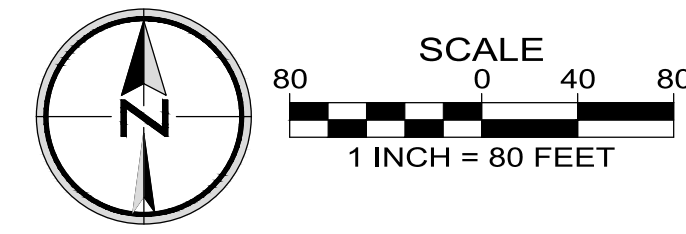
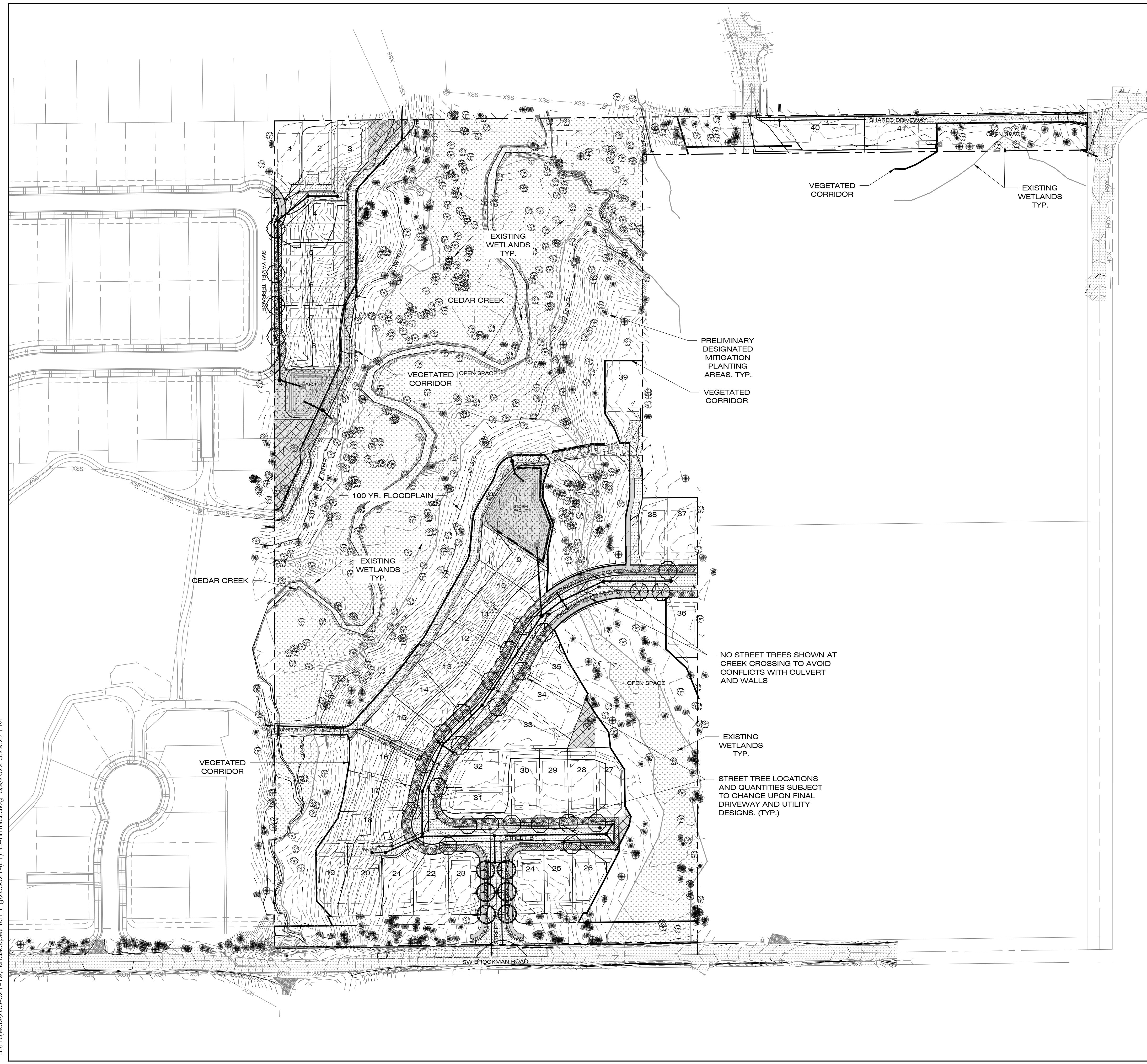
TREE CANOPY REQUIREMENTS
 NET BUILDABLE AREA = 297,276 SF
 297,276 x 40% = 96,898 SF OF TREE CANOPY REQUIRED

EXISTING TO BE RETAINED = 48,550 SF (97,000SF AFTER CREDIT*)
 = 32.6% OF NET BUILDABLE AREA.

PROPOSED STREET TREES / OPEN SPACE TREES = 41,448 SF
 41448 + 97,000 = 138,448 = 46.57% CANOPY PROVIDED/RETAINED.

*SIXTY-EIGHT TREES WILL BE RETAINED OUTSIDE OF ENVIRONMENTALLY CONSTRAINED LANDS. THEIR COMBINED CANOPY AREA IS 48,500 SQUARE FEET. SINCE RETAINED TREES RECEIVE DOUBLE CANOPY CREDIT, THE CREDIT FROM PRESERVATION IS 97,000 SQUARE FEET. THIS REPRESENTS 32.6 PERCENT OF THE NET BUILDABLE AREA.

- STREET TREE LEGEND**
- SILVER LINDEN
 - PYRAMIDAL HORNBEAM
 - AMERICAN LINDEN



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PLANTING LEGEND

PROPOSED STREET / OPENSACE TREES

SYMBOL	QTY	COMMON NAME / BOTANICAL NAME	SIZE	CANOPY AREA	TOTAL CANOPY AREA
	8	PYRAMIDAL HORNBEAM / CARPINUS BETULUS PYRAMIDALIS	2" CAL., B&B - MIN. 6' HT.	1,256 S.F.	10,048 SF
	19	AMERICAN LINDEN / TILIA AMERICANA	2" CAL., B&B - MIN. 6' HT.	1,256 S.F.	23,864 SF
	6	SILVER LINDEN / TILIA TOMENTOSA	2" CAL., B&B - MIN. 6' HT.	1,256 S.F.	7,536 SF
					41,448 SF

10,743 S.F. LAWN / SOD

OPEN SPACE & MITIGATION PRELIMINARY PLANTING LEGEND

SYMBOL	COMMON NAME / BOTANICAL NAME	SIZE
	DOUGLAS FIR / PSEUDOTSUGA MENZIESII	2" CAL., B&B - MIN. 6' HT.
	WESETERN RED CEDAR / THUJA PLICATA	2" CAL., B&B - MIN. 6' HT.
	BIG LEAF MAPLE / ACER MACROPHYLLUM	2" CAL., B&B - MIN. 6' HT.
	OREGON WHITE OAK / QUERCUS GARRYANA	6'-8' HT., B&B
	INCENSE CEDAR / CALOCCEDRUS DECURRENS	8'-10' HT., B&B

SHRUBS	
COMMON NAME / BOTANICAL NAME	SIZE
REDTWIG DOGWOOD / CORNUS STOLONIFERA	2 GAL.
PACIFIC NINEBARK / PHYSOCARPUS CAPITATUS	2 GAL.
CLUSTER ROSE / ROSA PISOCARPA	2 GAL.
DOUGLAS SPIREA / SPIREA DOUGLASII	2 GAL.
MOCK ORANGE / PHILADELPHUS LEWISII	2 GAL.

GRASS SEED	
CLEAN WATER "LOWGROW" SEED MIX: 120 LB PER ACRE	
DWARF TALL FESCUE / FESTUCA ARUNDINACEA	40%
PR8820 DWARF PERENNIAL RYEGRASS / LOLIUM PERENNE 'PR8820'	30%
CREEPING RED FESCUE / FESTUCA RUBRA	25%
HIGHLAND COLONIAL BENTGRASS / AGROSTIS TENUIS 'HIGHLAND'	05%

- NOTE:
- LANDSCAPE AREAS WILL BE PROVIDED WITH AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM DESIGNED BY CONTRACTOR. CONTRACTOR WILL PROVIDE MATERIALS AND INSTALL ALL IRRIGATION DOWNSTREAM OF THE WATER METER.
 - MITIGATION PLANTING MATERIAL AND LOCATIONS TO BE BASED OFF FINAL SPL APPROVAL.

PROPOSED STORMWATER FACILITIES - PLANTING LEGEND TRACTS 'B' & 'D'

TREES		
SYMBOL	COMMON NAME / BOTANICAL NAME: SIZE AND DESCRIPTION	CONDITION
	OREGON ASH / FRAXINUS LATIFOLIA: 2 GAL. / 3' HT.	MOIST
	BITTER CHERRY / PRUNUS EMARGINATA 'MOLLIS': 2 GAL. / 3' HT.	MOIST
	VINE MAPLE / ACER CIRCINATUM: 2 GAL. / 3' HT.	MOIST

SHRUBS		
COMMON NAME / BOTANICAL NAME: SIZE AND DESCRIPTION	CONDITION	
MOCK ORANGE / PHILADELPHUS LEWISII: 1 GAL. / 2' HT. / CLUSTER	WET, DRY	
RED TWIG DOGWOOD / CORNUS SERICEA: 1 GAL. / 2' HT. / CLUSTER	WET, DRY	
PACIFIC NINEBARK / PHYSOCARPUS CAPITATUS: 1 GAL. / 2' HT. / SINGLE	MOIST	
CLUSTER ROSE / ROSA PISOCARPA: 1 GAL. / 1.5' HT. / CLUSTER	MOIST	
DOUGLAS SPIREA / SPIREA DOUGLASII: 1 GAL. / 1.5' HT. / CLUSTER	WET	

HERBACEOUS PLANTS		
COMMON NAME / BOTANICAL NAME: SIZE AND DESCRIPTION	CONDITION	
SPREADING RUSH / JUNCUS PATENS: PLUGS 1"x6"	MOIST	
SLOUGH SEDGE / CAREX OBNUPTA: PLUGS 1"x6"	MOIST	

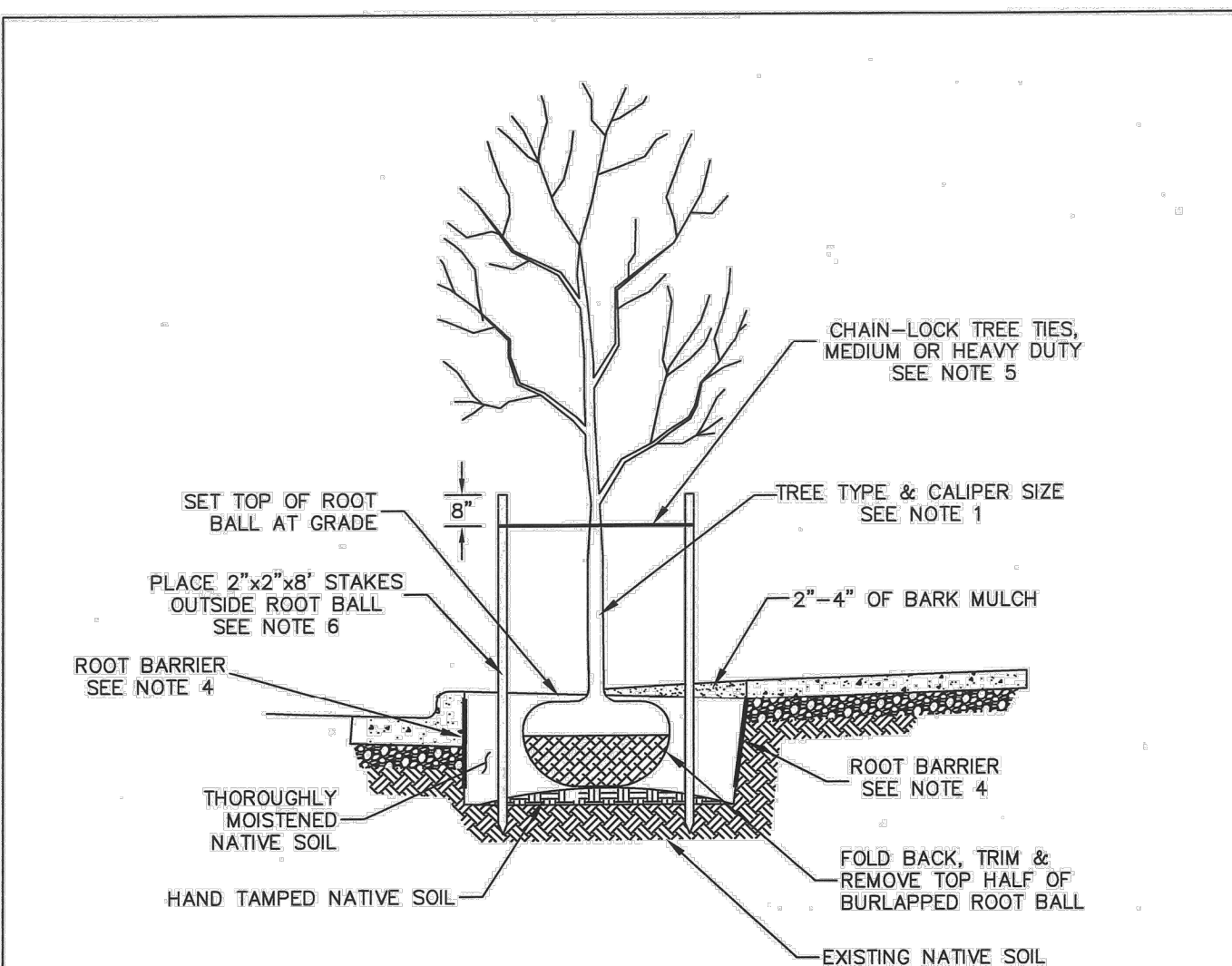
GRASS SEED		
COMMON NAME / BOTANICAL NAME: SIZE AND DESCRIPTION	CONDITION	
CLEAN WATER "LOWGROW" SEED MIX: 120 LB PER ACRE		

DWARF TALL FESCUE / FESTUCA ARUNDINACEA	40%
PR8820 DWARF PERENNIAL RYEGRASS / LOLIUM PERENNE 'PR8820'	30%
CREEPING RED FESCUE / FESTUCA RUBRA	25%
HIGHLAND COLONIAL BENTGRASS / AGROSTIS TENUIS 'HIGHLAND'	05%

*APPLY WITH 1/2" THICK COVER OF GREEN DUE D FINE GROUND WOOD CELLULOSE MULCH. PROVIDE 100% EROSION AND WEED FREE COVERAGE. RE-SEED AND WEED AS NEEDED.

NOTES:

- ALL STORMWATER REQUIREMENTS INDICATED ARE IN ACCORDANCE WITH CLEAN WATER SERVICES (CWS) R&O 19-22; APPENDIX A - PLANTING REQUIREMENTS.
- CONTOURS SHOWN AT 2' & 10' INTERVALS
- WATER QUALITY FACILITY PLANT MATERIAL SHALL BE PROVIDED WITH A TEMPORARY AUTOMATIC IRRIGATION SYSTEM DESIGNED BY CONTRACTOR. CONTRACTOR WILL PROVIDE MATERIALS AND INSTALL ALL IRRIGATION DOWNSTREAM OF THE WATER METER. TEMPORARY IRRIGATION SYSTEM SHALL BE MAINTAINED A MINIMUM OF THREE (3) GROWING SEASONS.



- NOTES:
- TREE SPECIES AND CALIPER SIZE ARE TO BE APPROVED BY THE CITY PLANNING DEPARTMENT.
 - ADJUST PLANTING LOCATIONS SO THAT TREE CROWN OR ROOT BALL DOES NOT CONFLICT WITH ABOVE OR BELOW - GROUND UTILITIES.
 - DO NOT UNDERMINE CURB OR SIDEWALK WHEN EXCAVATING.
 - ALL TREES WITH TRUNKS CLOSER THAN 4' TO ASPHALT OR CONCRETE SURFACE SHALL HAVE A MINIMUM OF AN 18" ROOT BARRIER INSTALLED AT 10' IN LENGTH AND CENTERED ON TREE.
 - PROVIDE A LOOP IN CHAIN-LOCK LARGE ENOUGH TO ALLOW FOR TRUNK GROWTH.
 - TREE STAKES ARE TO BE REMOVED FOLLOWING THE REQUIRED ESTABLISHMENT PERIOD.

STANDARD DRAWING TITLE	DRAWING NUMBER
STREET TREE DETAIL	RD-80
SCALE	DATE
N.T.S.	MAR '16

GENERAL NOTES: LANDSCAPE PLAN

- THE CONTRACTOR SHALL VERIFY WITH OWNER AND UTILITY COMPANIES THE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL DETERMINE IN THE FIELD THE ACTUAL LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES WHETHER SHOWN ON THE PLANS OR NOT. THE CONTRACTOR SHALL CALL UTILITY PROTECTION SERVICE 72 HOURS PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL EXAMINE FINISH SURFACE, GRADES, TOPSOIL QUALITY AND DEPTH. DO NOT START ANY WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED. VERIFY LIMITS OF WORK BEFORE STARTING.
- CONTRACTOR TO REPORT ALL DAMAGES TO EXISTING CONDITIONS AND INCONSISTENCIES WITH PLANS TO ODR.
- ALL PLANT MASSES TO BE CONTAINED WITHIN A BARK MULCH BED, UNLESS NOTED OTHERWISE.
- BED EDGE TO BE NO LESS THAN 12" AND NO MORE THAN 18" FROM OUTER EDGE OF PLANT MATERIAL BRANCHING. WHERE GROUND-COVER OCCURS, PLANT TO LIMITS OF AREA AS SHOWN.
- CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE IN ALL LANDSCAPE BEDS AND ALL LAWN AREAS.
- CONTRACTOR TO FINE GRADE AND ROCK-HOUND ALL TURF AREAS PRIOR TO SEEDING, TO PROVIDE A SMOOTH AND CONTINUAL SURFACE, FREE OF IRREGULARITIES (BUMPS OR DEPRESSIONS) & EXTRANEIOUS MATERIAL OR DEBRIS.
- QUANTITIES SHOWN ARE INTENDED TO ASSIST CONTRACTOR IN EVALUATING THEIR OWN TAKE-OFFS AND ARE NOT GUARANTEED AS ACCURATE REPRESENTATIONS OF REQUIRED MATERIALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS BID QUANTITIES AS REQUIRED BY THE PLANS AND SPECIFICATIONS. IF THERE IS A DISCREPANCY BETWEEN THE NUMBER LABELED ON THE PLANT TAG AND THE QUANTITY OF GRAPHIC SYMBOLS SHOWN, THE GRAPHIC SYMBOL QUANTITY SHALL GOVERN.
- COORDINATE LANDSCAPE INSTALLATION WITH INSTALLATION OF UNDERGROUND SPRINKLER AND DRAINAGE SYSTEMS.
- WITH THE EXCEPTION OF THOSE TREES INDICATED ON THE TREE REMOVAL PLAN, CONTRACTOR SHALL NOT REMOVE ANY TREES DURING CONSTRUCTION WITHOUT THE EXPRESS WRITTEN CONSENT OF THE ODR. EXISTING VEGETATION TO REMAIN SHALL BE PROTECTED AS DIRECTED BY THE ODR.
- WHERE PROPOSED TREE LOCATIONS OCCUR UNDER EXISTING OVERHEAD UTILITIES OR CROWD EXISTING TREES, NOTIFY ODR TO ADJUST TREE LOCATIONS.
- LANDSCAPE MAINTENANCE PERIOD BEGINS IMMEDIATELY AFTER THE COMPLETION OF ALL PLANTING OPERATIONS AND WRITTEN NOTIFICATION TO THE ODR. MAINTAIN TREES, SHRUBS, LAWNS AND OTHER PLANTS UNTIL FINAL ACCEPTANCE OR 90 DAYS AFTER NOTIFICATION AND ACCEPTANCE, WHICHEVER IS LONGER.
- REMOVE EXISTING WEEDS FROM PROJECT SITE PRIOR TO THE ADDITION OF ORGANIC AMENDMENTS AND FERTILIZER. APPLY AMENDMENTS AND FERTILIZER PER THE RECOMMENDATIONS OF THE SOIL ANALYSIS FROM THE SITE.
- BACK FILL MATERIAL FOR TREE AND SHRUB PLANTING SHALL CONTAIN: ONE PART FINE GRADE COMPOST TO ONE PART TOPSOIL BY VOLUME, BONE MEAL PER MANUFACTURE'S RECOMMENDATION, AND SLOW RELEASE FERTILIZER PER MANUFACTURERS RECOMMENDATION.
- GROUND COVERS AND PERENNIALS SHALL BE PLANTED WITH A MAXIMUM 2 INCH COVER OF BARK MULCH WITH NO FOLIAGE COVERED.
- CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FOR ALL PLANT MATERIAL SUBSTITUTIONS FROM THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. PLANT SUBSTITUTIONS WITHOUT PRIOR WRITTEN APPROVAL THAT DO NOT COMPLY WITH THE DRAWINGS AND SPECIFICATIONS MAY BE REJECTED BY THE LANDSCAPE ARCHITECT AT NO COST TO THE OWNER. THESE ITEMS MAY BE REQUIRED TO BE REPLACED WITH PLANT MATERIALS THAT ARE IN COMPLIANCE WITH THE DRAWINGS.
- ALL PLANT MATERIALS SHALL BE NURSERY GROWN WITH HEALTHY ROOT SYSTEMS AND FULL BRANCHING, DISEASE AND INSECT FREE AND WITHOUT DEFECTS SUCH AS SUN SCALD, ABRASIONS, INJURIES AND DISFIGUREMENT.
- ALL PLANT MATERIAL SHALL BE INSTALLED AT THE SIZE AND QUANTITY SPECIFIED. THE LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR SUB-STANDARD RESULTS CAUSED BY REDUCTION IN SIZE AND/OR QUANTITY OF PLANT MATERIALS.
- LANDSCAPE AREAS WILL BE PROVIDED WITH AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM DESIGNED BY CONTRACTOR. CONTRACTOR WILL PROVIDE MATERIALS AND INSTALL ALL IRRIGATION DOWNSTREAM OF THE WATER METER.

PIONEER DESIGN GROUP
 CIVIL ENGINEERING • LAND USE PLANNING • LAND SURVEYING • LANDSCAPE ARCHITECTURE
 PORTLAND, OREGON | HONOLULU, HAWAII
 PH: 503.643.8286 | WWW.PD-GRP.COM

PRELIMINARY PLANTING LEGENDS, DETAILS & NOTES
 CEDAR CREEK GARDENS
 CITY OF SHERWOOD, OREGON

Designed by	Date	Reviewed by	Date	Project No.	REF.
MLS	08/2021	CFS	08/2021	285-021	
		MLS	08/2021		

No.	Date	Revision

Project: CEDAR CREEK GARDENS
 No.: 285-021
 Type: PLANNING
 Sheet:

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Wayne Hayson

From: Eric Rutledge <RutledgeE@SherwoodOregon.gov>
Sent: Thursday, August 04, 2022 3:28 PM
To: Wayne Hayson; Matt Sprague
Cc: Craig Christensen
Subject: Trail Width
Attachments: Capture.PNG

Hi Wayne and Matt,

Planning and Engineering have discussed this question and the preferred design is a 12 ft. wide pavement section within a 20 ft. wide easement. As shown in the attachment, a public sanitary sewer line may be extended to serve the property to the south. New manhole(s) will likely be required along the line and the trail should serve as the maintenance road. FYI it looks like the plans mislabel the line as a storm drainage line.

I also spoke with the Arbor Lane HOA Secretary this morning and they had narrowed their focus to the trees within Tract I between the trail and Lot 40 that don't appear to be impacted by the trail or utilities. They understand that trees can be removed to accommodate improvements but they weren't convinced that the development would impact trees in this small area. I'm sure you and Todd have a response about the feasibility of preservation and it may be necessary to respond to their concerns through the open record period. I believe they will be submitting testimony regarding the trees in this specific area. The City encourages as much tree preservation as possible within this area given the trail and utility requirements.

Thanks,

Eric Rutledge
City of Sherwood
Associate Planner
rutledgee@sherwoodoregon.gov
Desk 503.625.4242
Work Cell 971.979.2315



Home of the Tualatin River National Wildlife Refuge

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LINE - SEE THIS SH

EX. SDMH
RIM=166.3'±
IN(E)=155.6'±
OUT(W)=155.4'±

IN(NW)=181.6'±
OUT(N)=181.4'±

Exhibit A34

METER BANK
SERVE LOTS
15.00
EASEM

EXISTING
TRAIL

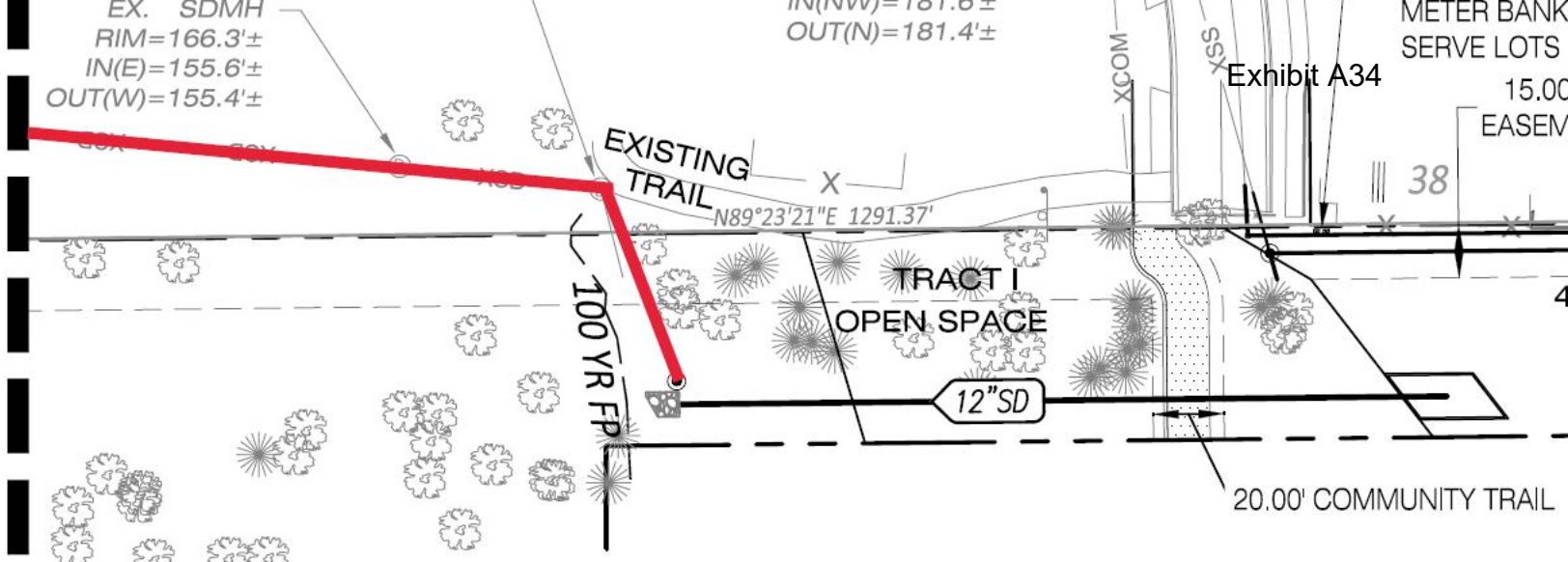
N89°23'21"E 1291.37'

TRACT I
OPEN SPACE

12"SD

100 YR FP

20.00' COMMUNITY TRAIL





WASHINGTON COUNTY

OREGON

August 10, 2022

To: Eric Rutledge - Associate Planner

From: Naomi Vogel - Associate Planner

**Re: Cedar Creek Gardens Subdivision
City File Number: LU 2021-023 SUB
County File Number: CP 22-910
Tax Map and Lot Number(s): 3S1060000102/3S1060000107
Location: SW Brookman Road**

As requested, Washington County Department of Land Use and Transportation submits the additional information for the above noted development application.

Washington County is authorized to exercise authority over road within the County as a matter of county concern. Pursuant to ORS Chapter 368.036(1), standards for county roads and road work performed on county roads shall comply with specifications and standards, including standards for width, adopted by the county governing body. If the county governing body does not have specifications for work performed on county roads, the work shall comply with standards and specifications adopted by the Department of Transportation.

Pursuant to the County's road authority and the adopted County Road Design & Construction Standards, an access that does not meet the access standards shall submit a Design Exception in compliance with Section 220 of the County Road and Construction Standards. The applicant has submitted a Design Exception to the County Engineer (January 22, 2022) for the private access on SW Brookman Road. The County's Design Exception process is as follows.

220.010 General

Any application for an approved exception to the standards and specifications in these Standards must be submitted as a Design Exception under this section. See form in appendix F. The County Engineer may approve a design exception request so long as it does not conflict with the Community Development Code, the County or City Land Development Permit Decision, or any other relevant approvals, except as expressly provided herein. If the requested exception involves public safety, the County will rule in the direction of safety.

**Department of Land Use & Transportation
Operations and Maintenance**

1400 SW Walnut Street, MS 51, Hillsboro, OR 97123-5625
phone: 503-846-7623 • fax: 503-846-7620
www.co.washington.or.us/lut • lutops@co.washington.or.us

Cedar Creek Gardens Subdivision
City File Number: LU 2021-023 SUB
County File Number: CP 22-910
Page 2 of 2

220.020.2 Submittal

Requests for a design exception shall be submitted in writing to the County Engineer. See Design Exception form in appendix. **Requests for an exception to access spacing requirements shall be submitted in writing to the Development Services Division, for decision by the County Engineer. Access standards are set by the Community Development Code, with the County Engineer delegated the authority to grant exceptions under the same criteria stated above in Section 220.020.1.** All requests shall state the applicable standard, the desired exception, the reason for the request and a comparison between the applicable specification or standard and the exception as to function, performance and safety. If an exception is requested due to economic hardship, the request shall contain a statement on the impact to project cost with and without the exception. The request for exception shall be prepared by an Engineer and shall be stamped and signed by the Engineer. Any approved exception to these Standards shall be documented and should reference nationally accepted guidelines, specifications, or standards. The approval of an exception shall not compromise public safety or the intent of these standards. An exception shall be approved only if the County Engineer finds that the alternative proposed by the Engineer meets the criteria in 220.020.1 and will provide equivalent or better function, performance, and safety.

220.020.4 Appeal

The Applicant may appeal the County Engineer's decision to deny an exception to the Director. The appeal shall be submitted in writing within fourteen (14) days of the County Engineer's decision. The appeal shall be in writing, state the relevant facts, applicable provisions of these Standards, specific grounds for appeal, the relief sought, and shall include all information on which the applicant relies. The applicant shall have the burden of proving that an error was committed, or that the requested exception meets the criteria of 220.020.1 and equals or exceeds the applicable standard as to function, performance, and safety. The Director shall review all the information submitted with an appeal. The Director may request additional information from the Engineer, the County Engineer, or both, and may meet with the parties. The Director shall render a decision in writing in the same format as provided in 220.020.3. The Director's decision shall be final.

If you have any questions, please contact me at naomi_vogel@co.washington.or.us or 503-846-7639.

Cc: Road Engineering Services
Traffic Engineering Services
Assurances Section
Transportation File

From: [Madeline Robinette](#)
To: [Eric Rutledge](#)
Subject: Re: Possible Culturally Modified Trees in Sherwood
Date: Monday, August 8, 2022 1:08:12 PM
Attachments: [image001.png](#)
[image001.png](#)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you are expecting this email and/or know the content is safe.

Hello Eric,

Is there a tree # key that is readable? The ones I have seen are so marked up that I can't read them. At the hearing, the arborist mentioned that they only noted fir and hemlock trees. So western red cedars may be excluded from the map or considered junk trees.

I will do my best to give you the tree numbers if they are available. Or I could ask Dave Sweeney to tag them (I am out of town this week).

The related code is 16.142.070.D.4.e

At the hearing you mentioned "...historic association. Historic to who?" Native peoples lived in Sherwood long before settlers stepped foot here. That is a history worth honoring for everyone who lives here. Seeing that these culturally modified marker trees are located in two locations, both along Cedar Creek, tells up that this area was significant to native peoples.

Thank you,
Madeline

Thank you,
Madeline

On Mon, Aug 8, 2022, 12:42 PM Eric Rutledge <RutledgeE@sherwoodoregon.gov> wrote:

Sorry – the open comment period deadline is this WED at 5pm.

Eric Rutledge

City of Sherwood

Associate Planner

rutledgee@sherwoodoregon.gov

Desk 503.625.4242

Work Cell 971.979.2315

From: Eric Rutledge
Sent: Monday, August 8, 2022 12:31 PM
To: Madeline Robinette <madelinerobinette@gmail.com>; FRENCH Jamie * OPRD <Jamie.FRENCH@opr.oregon.gov>; Sean Garland <GarlandS@SherwoodOregon.gov>
Subject: RE: Possible Culturally Modified Trees in Sherwood

Thank you Madeline and Jamie.

To both of you – the City is required to identify trees on the site for removal or preservation as part of the land use decision. This is to provide certainty to the applicant and public about which trees are being approved for removal in order to accommodate the development.

To date we have not received information on the Tree ID or location of these trees. Only that they are near Redfern – please let me know if I am missing something. We also have not received information on what city code would apply to preserving these trees based on their potential modification.

Jamie - the deadline for providing general comment on this application is tomorrow at 5pm. We will then go into a one week “rebuttal” period where anybody can respond to testimony submitted during the general comment period. We welcome OPRD comments on the proposal with as much specificity as possible for the Hearings Officer to make a final decision.

Please contact me with any questions.

Eric Rutledge

City of Sherwood

Associate Planner

rutledge@sherwoodoregon.gov

Desk 503.625.4242

Work Cell 971.979.2315

From: Madeline Robinette <madelinerobinette@gmail.com>
Sent: Friday, August 5, 2022 1:50 PM
To: FRENCH Jamie * OPRD <Jamie.FRENCH@opr.oregon.gov>; Sean Garland

<GarlandS@SherwoodOregon.gov>; Eric Rutledge <RutledgeE@SherwoodOregon.gov>

Subject: Re: Possible Culturally Modified Trees in Sherwood

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you are expecting this email and/or know the content is safe.

Thanks for your reply Jamie. I am cc'ing Sherwood City Council member Sean Garland as he was interested in your response.

I am also cc'ing Eric Rutledge, associate City Planner who is in charge of the development approval in the area of the Redfern trees. Please add this correspondence to my testimony, Eric.

Jamie, your decision on the Redfern trees is time sensitive. Would you be able to confirm them as Culturally Modified Trees with a photo or? How can I help?

Thank you so much for your attention to this matter.

Madeline

On Fri, Aug 5, 2022 at 10:44 AM FRENCH Jamie * OPRD <Jamie.FRENCH@opr.oregon.gov> wrote:

Hi Madeline,

Those do look like they could potentially be octopus trees. Can you give me more information about where they are in the park? I can note them in our statewide database of historic properties so they can be accounted for during development.

Thanks,

Jamie French | Assistant State Archaeologist

Oregon State Historic Preservation Office

Oregon Parks and Recreation Department



[725 Summer St. NE, Suite C, Salem, Oregon 97301](mailto:725_Summer_St._NE,_Suite_C,_Salem,_Oregon_97301)

Cell: 503.979.7580

www.OregonHeritage.org

From: PERMITS Arch * OPRD <Arch.PERMITS@opr.oregon.gov>
Sent: Wednesday, August 3, 2022 1:07 PM
To: POULEY John * OPRD <John.POULEY@opr.oregon.gov>
Cc: FRENCH Jamie * OPRD <Jamie.FRENCH@opr.oregon.gov>
Subject: FW: Possible Culturally Modified Trees in Sherwood

From: Madeline Robinette <madelinerobinette@gmail.com>
Sent: Tuesday, August 2, 2022 4:42 PM
To: PERMITS Arch * OPRD <Arch.PERMITS@opr.oregon.gov>
Subject: Possible Culturally Modified Trees in Sherwood

Hello,

For several years, I have observed trees in Stella Olson Park in Sherwood that very much look like Culturally Modified cedar trees. I kept meaning to notify someone but now that some other interesting looking trees in town are threatened by development, I need to act now.

A little background. Back in about 2014, I found some Culturally Modified Trees near a proposed "thin" logging site in the Gifford Pinchot National Forest. I notified the Forest Service and they directed me to the Washington State Archaeologist. I sent pictures and the location and the trees were marked, inventoried and preserved. It was very satisfying to save them!

When I saw these trees in Sherwood, they looked very much like the trees I had previously identified

in the GPNF. I have taken pictures of the trees in Stella Olson Park and labeled them. They should have GPS coordinates in the photo info.

A few days ago, I saw an area a few miles from Stella Olson that is slated for development. Walking through this small patch of woods, I saw four cedar trees that are interesting-while not as intricate as the ones in Stella, they do not look like naturally shaped trees. I have labeled these trees as Redfern, as that is the street they are located near. The final meeting for this development is tomorrow night and I have sent a letter to the city to ask them to investigate these trees before approving the development.

Attached, please find all of the pictures. If they are Culturally Modified Trees they must be preserved!

Thank you,

Madeline Robinette

Sherwood, OR

From: [Ian Frost](#)
To: [Eric Rutledge](#)
Cc: [Erin Frost](#)
Subject: Cedar Creek Gardens Application Public Comment
Date: Friday, August 5, 2022 3:00:19 PM

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you are expecting this email and/or know the content is safe.

Mr. Rutledge,

My name is Ian Frost and my address is 23878 SW Shady Grove Dr, Sherwood, OR 97140. My wife, Erin, is cc'd here. I have a number of concerns regarding the development, specifically for the flag area of Lots 40 and 41. A number of these concerns were addressed by my neighbors at the 8/3 hearing, so I will save you a little bit from repetitive commentary.

Tree #8252 is on my property. At the hearing, arborist Todd Prager confirmed the intent is to remove the tree, stating it is 4 feet from development of the driveway. At this time, I do not intend to permit removal of this tree. However, it is concerning to me that it will remain the lone large tree in this area, which subjects it to more wind, ice storms, and other elements. As a result, it presents the potential to damage my home. As of today, if the tree is affected by construction, I intend to file a claim under ORS 105.810.

A few other quick comments:

- If development of Lots 40 and 41 are approved, the applicant should be required to preserve as many trees as possible. There should be specific reasons for removal of any tree and convenience for construction, stated or unstated, is not a good reason, especially in open spaces. This has been addressed by others in greater detail.
- The allowance of a driveway to enter Brookman Road presents a danger to the public. Within the past few months, there have been two car accidents in this area, one of which was within feet of this corner of Brookman, exactly where the applicant intends to build a driveway.
- In general, it seems unreasonable to allow the development of two unattached lots of the whole development, especially with the many concerns raised and identified. It's simply a money grab on the developers part and eases their intent for future development of the Gregory's property. Again, not a good reason for approval for these two lots and driveway in my estimation.
- The city should be proactive in updating city code to eliminate its subjective nature that has enabled the development of these two lots. It is a shame that it was not done so in response to the change in state law.

If you have any questions, please do not hesitate to contact me.

Thank you,

Ian

--

Ian Frost
408-429-0081

ianfrost12@gmail.com

August 10, 2022

Arbor Lane Homeowners Association

Attn: Kyle Grant, Secretary

23837 SW Red Fern Dr.

Sherwood, Oregon 97140

August 9, 2022

City of Sherwood

Attn: Eric Rutledge, Associate Planner

Via Email: rutledgee@sherwoodoregon.gc

Re: LU 2021-023 SUB Cedar Creek Gardens - Supplemental Written Testimony

Dear Mr. Rutledge:

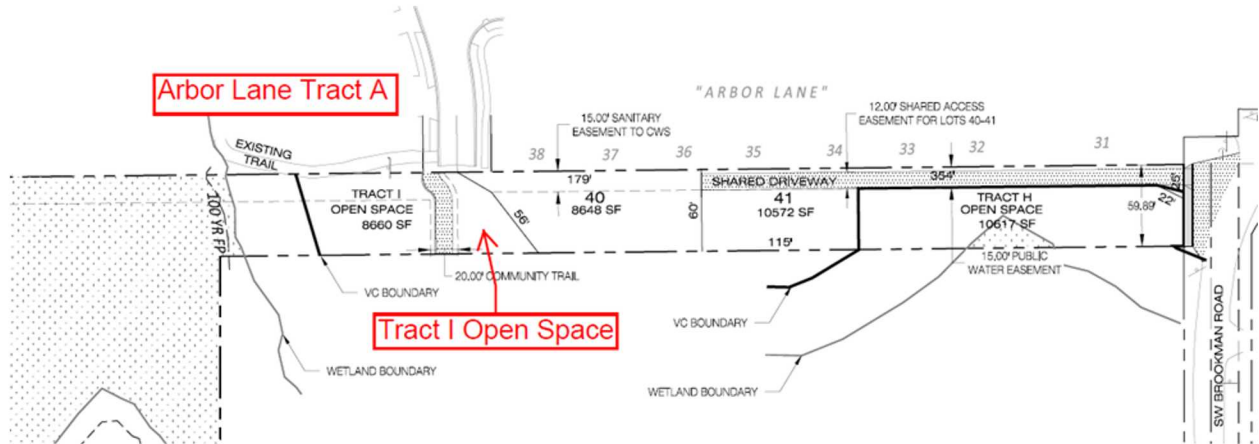
This letter is intended as supplemental written testimony on behalf of the Arbor Lane Homeowners Association (the "Association"), in addition to the testimony submitted on August 3, 2022. The Association opposes approval of the application by Westwood Homes, LLC ("Applicant"), LU 2021-023 SUB Cedar Gardens (the "Application") unless the Application is amended consistent with this letter including the arborist report attached as Exhibit A to this letter.

Summary of Argument

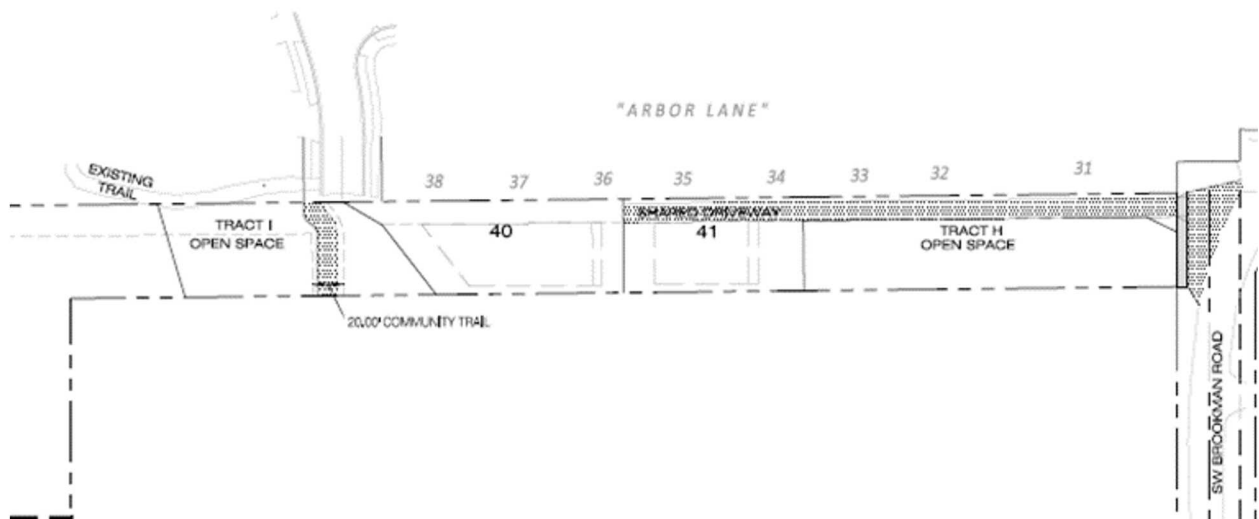
The Association's argument is simple: the Application does not meet the City of Sherwood Code of Ordinances because Applicant proposes to remove more trees than is necessary for accommodation of development. The Application designates significant areas of development as "open space" or otherwise areas where there are no proposals for building, grading, walkways or other similar improvements that would require the removal of existing mature trees. The Association maintains that Applicant can save significantly more trees than currently proposed without material changes or unreasonable cost or delay to Applicant's plan. This testimony is supported by the attached Exhibit A arborist report.

Facts

Applicant proposes a 41-lot residential subdivision on Tax Lots 3S1060000102 and 3S1060000107 (the "Property"). Two lots, Lots 40 and 41, are proposed to be created at the Northeast corner of the Property, as shown below:

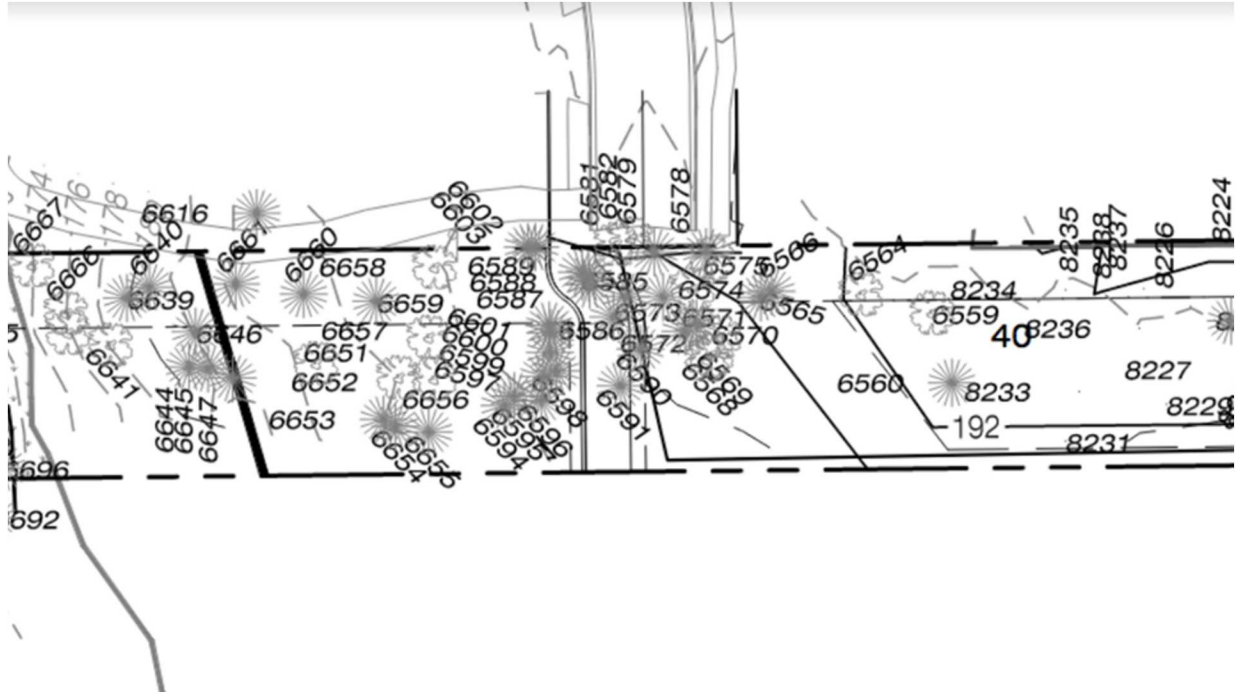


The proposed conceptual building setbacks on Lots 40 and 41 are shown below:

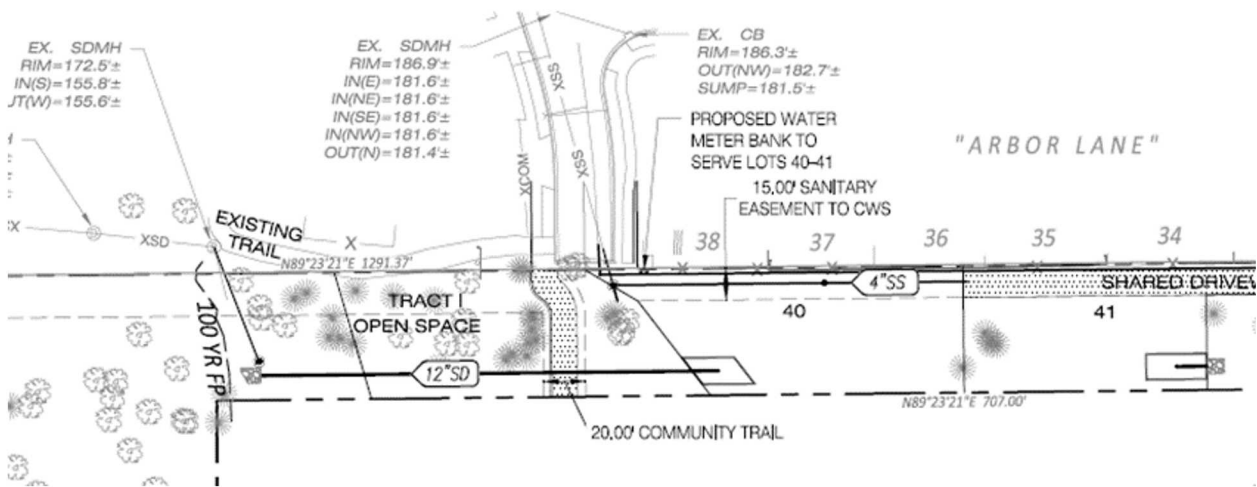


The Tract I Open Space above contains a community trail, connecting to an existing community trail located on Tract A of Arbor Lane, and which is intended to be connected to future developments to the south, when and if such development should happen. According to the City of Sherwood conceptual plan, the Tract I Open Space will be part of a neighborhood park.

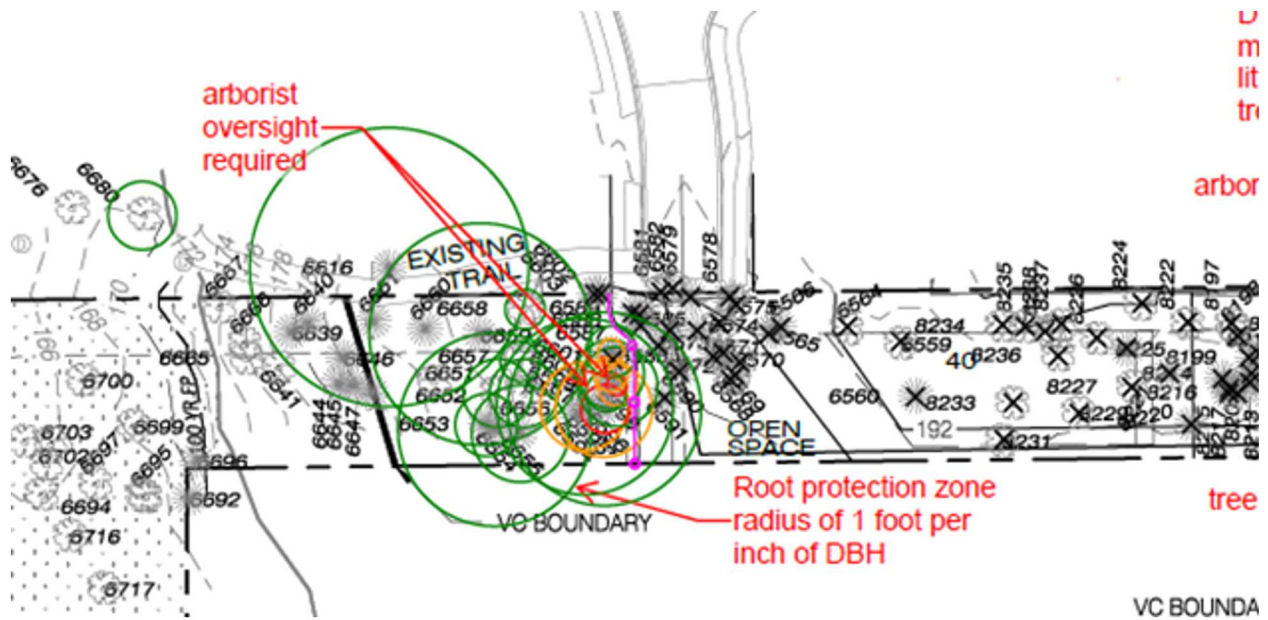
The diagram below shows where trees are currently located relative to the proposed building envelope on Lot 40 and in Tract I:



Applicant's proposed utility plan is shown below:



Applicant has proposed removing the following trees in the area of concern to the Association:



The Association’s arguments below concern the following trees (referred to as the “Open Space Trees”), most of which are located in Tract I, and a few on Lot 40:

Tree	Common Name	DBH	Condition	Structure	Treatment
6565	Douglas Fir	34	Good	Good	Remove
6566	Douglas fir	15	Fair	Poor	Remove
6568	bigleaf maple	15	Fair	Poor	Remove
6569	bigleaf maple	9	Fair	Poor	Remove
6570	bigleaf maple	8	Fair	Poor	Remove
6571	douglas fir	35	Good	Good	Remove
6572	douglas fir	10	Good	Good	Remove
6573	douglas fir	18	Good	Fair	Remove
6574	dogwood	6	Good	Fair	Remove
6575	douglas fir	12	Good	Fair	Remove
6578	douglas fir	8	Good	Fair	Remove
6579	douglas fir	16	Fair	Fair	Remove
6581	red alder	6	Good	Good	Remove
6582	black gum	5	Good	Good	Remove
6585	douglas fir	16	Good	Good	Remove
6587	western redcedar	11	Good	Fair	Remove

6588	douglas fir	8	Fair	Fair	Remove
6589	douglas fir	9	Good	Fair	Remove
6590	douglas fir	29	Good	Good	Remove
6591	douglas fir	12	Good	Fair	Remove
6598	douglas fir	14	Good	Good	Remove

The stand of trees above can be seen from Red Fern drive looking south:



As can be seen, the stand consists of several mature douglas fir trees, many of which are noted by the Applicant’s arborist as being in good or fair condition and structure, but which are nonetheless recommended for removal.

The Association acknowledges Applicant’s willingness to retain a number of trees, including two located on Tract A of the Arbor Lane Plat.

A hearing for the Application was held on August 3, 2022, at which time the Association requested seven additional days to submit written testimony based on Applicant's submission of a Memorandum dated the same day as the hearing.

Argument

1. The City of Sherwood's "Save If Possible" tree ordinance is a clear and objective standard under Oregon Law

The City of Sherwood requires trees to be saved if possible. This standard is a "clear and objective" standard under ORS 197.307 and OAR 660-008-0015.

ORS 197.307 states:

(4) A local government may adopt and apply only clear and objective standards, conditions and procedures regulating the development of housing, including needed housing. The standards, conditions and procedures:

(a) . . .

(b) May not have the effect, either in themselves or cumulatively, of discouraging needed housing through unreasonable cost or delay.

Section 16.142.070 states that the purpose of that section is to:

[M]inimize cutting or destruction of trees and woodlands within the City. This Section is intended to help protect the scenic beauty of the City; to retain a livable environment through the beneficial effect of trees on air pollution, heat and glare, sound, water quality, and surface water and erosion control; to encourage the retention and planting of tree species native to the Willamette Valley and Western Oregon; to provide an attractive visual contrast to the urban environment, and to sustain a wide variety and distribution of viable trees and woodlands in the community over time.
16.142.070.A

The Code begins with the following requirement: "All applications including a Type II - IV land use review, shall be required to preserve trees or woodlands . . . *to the maximum extent feasible* within the context of the proposed land use plan and relative to other codes, policies, and standards of the City Comprehensive Plan." 16.142.070.B (emphasis added). The Applicant must submit an inventory of the trees subject to development, including "Assessment of whether the tree must be removed to accommodate the development." 16.142.070.C.1.f

Subsection D then outlines the City's retention requirements. Subsection D.1 states that "Trees may be considered for removal to accommodate the development including buildings, parking, walkways, grading etc., provided the development satisfies the canopy requirements of D.2 or D.3, below." Subsections D.2 and D.3 provide the canopy requirements. Under D.4, the City may determine that trees may be required to be retained even if the canopy requirements of D.2 and D.3 are met.

However, before even getting to D.2 through D.4, the Applicant must first establish a threshold requirement under D.1, that the removal of the trees is necessary to accommodate the development in the first place. If this cannot be established, the City need not analyze the canopy requirements under D.2 and D.3, nor the City “clawback” rights under D.4. In other words, each and every individual tree must be retained if it is possible to do so while still accommodating the development.

This “save if possible” tree retention requirement is a clear and objective requirement under ORS 197.307. The Oregon Land Use Board of Appeals (LUBA) held in *Rogue Valley Association of Realtors v. City of Ashland*, LUBA No. 97-260, 35 Or LUBA 139 (1999) that such a provision meets the “clear and objective” requirement under Oregon law. In that case, the City of Ashland adopted a tree ordinance substantially similar to that of City of Sherwood’s. Their code required that all development must preserve “the maximum number of existing trees,” and that “[b]uilding envelopes [must] be located and sized to preserve the maximum number of trees.” *Id.* at p. 25-26.

LUBA went on to point out that it may be true that such a standard could be “difficult or onerous” to meet. But that does not make the standard subjective or open to personal interpretation. LUBA stated: “While a ‘save if possible’ standard may not be sufficiently clear and objective in all contexts, we conclude that [the City of Ashland ordinance] is a sufficiently clear and objective standard to comply with ORS 197.307(6) and OAR 660-008-0015.”

The City of Sherwood, like the City of Ashland—as well as that of virtually all City ordinances in Oregon—require the saving of trees if possible to avoid unnecessary destruction of nature. We applaud the City of Sherwood’s preamble on the tree ordinance of 16.142.070 and impress upon the City the importance of scrutinizing the Application and requiring Applicant to explain why trees must be removed.

2. Applicant has failed to provide an assessment of why the Open Space Trees must be removed to accommodate development

We understand that the Open Space Trees in question here comprise only a very small part of the entire development, and that Applicant has tasked its experts with inventorying thousands of trees. We do not wish to minimize Applicant’s extensive efforts to realize the vision of the Cedar Gardens development. We also appreciate the willingness of the Applicant to retain the trees at the request of the Association and the City of Sherwood.

That being said, the Open Space Trees are of particular importance to the Association and the surrounding community. As can be seen in the photograph above, the Open Space Trees have stood as an aesthetic fixture of the Arbor Lane neighborhood since it was first developed in 1997. The surrounding woodlands attracted many residents to this neighborhood, and they enhance its property values.

For these reasons, the Association feels obliged to challenge that portion of the Application as it relates to the Open Space Trees. In this case, Applicant has failed to show why the Open Space Trees must be removed, except to conclusorily state that they are “within the grading footprint,” of Lot 40 or of the Tract I open space. If these areas are to remain as open space, Applicant has failed to provide the Code-required assessment as to why this area would need to be graded at all. The Association submits that a 60-foot

extension of the existing trail coming from the Tract A open space of Arbor Lane would not add significant value to the community until future development occurs to the south in accordance with the City's conceptual plans for the Cedar Gardens area. While the Association supports the granting of an easement for future development of a path, there is no reason that the path needs to be constructed as part of the current development plans under the Application.

Moreover, Applicant has not provided an assessment as to why an alternative path for the proposed community trail is not possible through Tract I. They have not provided an assessment as to why the utility line paths chosen are the *only* possible path for utilities, or why there are not other reasonable means to preserve tree retention to the "maximum extent feasible." As shown above, Applicant proposes to retain trees that are closer to proposed utility lines than those trees that are recommended for removal. At the very least, the Code requires Applicant to submit an assessment explaining why the Open Space Trees would need to be removed to accommodate utility line development, or else revise the Application to retain the Open Space Trees.

In support of this testimony, the Association refers the City to the Association's expert arborist report, prepared by David Hunter, on August 9, 2022 ("Association's Expert Report"). Based on a visual inspection of the Property from Red Fern Drive, Mr. Hunter David found the following:

- a. Removal of the Open Space Trees risks creating a wind-tunnel and leaving standalone trees which may increase the risk of personal injury or property damage.
- b. Trees can be retained with Applicant's plans to install utility lines. Mr. Hunter explained that boring and other methods could be used to avoid damage to tree roots.
- c. The community trail connecting to Tract A of Arbor Lane can be laid on ground (not in ground) and can be installed without removing any Open Space Trees.
- d. In Mr. Hunter's opinion, the Application is not code compliant for the reasons stated above.

In addition, Mr. Hunter's findings raise the concern of personal injury and property damage to existing lot owners of Lots 31 through 38 of the Arbor Lane subdivision, and further underscores the City's requirements to retain as many trees as possible.

Conclusion

In closing, the Association wishes to emphasize that the Board of Directors and the members of the Arbor Lane community for the most part support this development and understand its added value to the City of Sherwood. We are not opposed to development. But we are opposed to unnecessary destruction of nature. We maintain that the Sherwood City Code supports our position and maintain that the City's clear and objective standard regarding saving as many trees as possible must be followed. Applicant may retain the Open Space Trees identified above without impeding the development or causing unreasonable expense or delay. We therefore request the approval of the Application be conditioned upon its amendment consistent with the Association's Expert Report. This testimony is submitted with the intent to be entered in the public record to be preserved for appeal should the City render a decision which the Association opposes based on its testimony submitted.

Respectfully,

Board of Directors
Arbor Lane Homeowners Association

PO Box 324
Forest Grove, OR 97116-0324
CCB # 189453 Metro License # 10648

Cell: (503) 319-0380
ddhunterarborist@aol.com
www.davidhunterarborist.com

August 9, 2022

Arbor Lane Homeowners Association
Attn: Kyle Grant, Secretary
23837 SW Red Fern Drive
Sherwood, OR 97140

RE: Visual Tree Assessments from SW Red Fern Drive Sherwood, OR concerning my thoughts from site visit and referencing LU 2021-023 SUB Cedar Creek Gardens – Supplemental Written Testimony.

Dear Arbor Lane HOA,

On August 8, 2022, I inspected by Visual Tree Assessment (VTA), the trees on the property to look at the tree's safety and health for a tree protection plan for to potential site redevelopment.¹ I used my eyes, binoculars, and years of field experiences. City of Sherwood Urban Forestry Tree codes relating to site development. I read the tree inventory report and the drawing and site plans that I am now responding to.

Observations

On August 8, 2022 I walked the edge of SW Red Fern Drive and the walk path to the west and had discussions about tree health and potential development that is proposed to the south and east. We discussed aspects of what happens when trees are removed and the steps needed to prevent further damages to the existing forest.

1. The increase potential to make wind tunnels or stand-alone trees and the risks with removing more trees than necessary, exposing them to wind and risking personnel injury or property damages. I see this as a major concern as a consulting arborist and forester. For tree risk of stand-alone trees, the risk is 1.5 X the height of the tree as per my reference listed. If this area is to be "open" space then why the desire to remove more trees? Fir trees and cedar trees are shallow rooted and in the top 3' of the soil and fir trees have the roots intertwined with each other. Like when logging, left edge trees are now exposed to elements like wind and weather and failure rate increases due to new exposure.
2. Trees can be retained with the Applicant's plans to install utility lines, if needed utility lines could be bored to avoid damaging tree roots. I have seen this done on numerous projects I have consulted on.
3. The walking path could be laid on the ground, not dug into the ground, and could be installed without removing any trees in the "open space".

PO Box 324
Forest Grove, OR 97116-0324
CCB # 189453 Mctro License # 10648

4. Sherwood code requires Applicant to preserve the maximum number of trees possible. Since the Applicant is proposing to remove more trees than is necessary, their application is not code compliant.

Conclusions

I have over 42 years of field experience and over 27 years consulting on tree health and tree risks. There needs to be a better way to protect the trees in the "open space".

Recommendations

The City of Sherwood needs to consider their tree codes and the goal of saving trees in "Open Space" since the trees existing provide more benefits than removals and replanting. Develop alternative paths for utility placements and/ or alternative methods for utility placement. Develop method of preserving as many trees as possible to protect the existing trees and prevent potential stand-alone or wind thrown tree activity.

Certification

I certify that all of the statements in the foregoing arborist report are correct to the best of my knowledge, and are made in good faith.

Questions, please give me a call.

Sincerely,



David D. Hunter
ASCA Registered Consulting Arborist # 408
USFS Hazard Tree Inspector Trained since 1978
ISA Certified Arborist # PN-1068A
ISA Tree Risk Assessor Qualified
Professional Forester



¹ Field Guide for Hazard-Tree Identification and Mitigation on Developed Sites in Oregon and Washington Forests. USDA Forest Service. Forest Health Protection. Pacific Northwest Region. Portland, OR. 2014. R6-NR-TP-021-2013.

Minimum Lot Width:

16.12.30 Residential Land Use Development Standards

A. Generally

No lot area, setback, yard, landscaped area, open space, off-street parking or loading area, or other site dimension or requirement, existing on, or after, the effective date of this Code shall be reduced below the minimum required by this code...

C.

Minimum Lot width at front property line 25 feet

If you look at Map #24 you will see noted in the upper right hand corner “Very Narrow 3 Foot Strip” with an arrow pointing to a partial strip in red. That three foot strip is the strip of land between the Northern boundary of the Flagpole section and the Northern edge of the “Shared Driveway” (above the Tract H Open Space). Although I have only designated a portion of the strip (in red), it actually runs the entire length (354’) of the shared driveway. That three feet is the difference between the 15 foot Sanitary Easement to CWS (left green blob) and the 12 foot shared access easement for lots 40 & 41 (right green blob). The third green blob on the far right is the developer’s stated width of the flagpole of 59.89’.

Doing the math, with the addition of the “very narrow 3 foot strip” plus the 12 foot shared driveway plus the minimum setbacks requirements (see Map #25) of side yard 5 feet and street side yard of 15 feet the total is:

$$3 + 12 + 5 + 15 = 35 \text{ feet.}$$

Subtracting that total from the developer's stated width of the flagpole of 59.89' gives the total of:

$$59.89' - 35 = 24.89 \text{ feet.}$$

**By Code 16.12.30.C
the Minimum Lot width at front property line is 25 feet.**

Here, at 24.89 feet (for the width at front property line), the developer has not met the minimum standard of the Code.

Now I'll grant you, that's shaving things a bit close, *however*, in his testimony at the hearing last Wednesday (8-3), the developer (at the 2:16:30 mark on the video of the hearing) states that the "driveway has been located five (5) feet South...". The video clip continues to 2:18:01 as the developer continues to explain the move of the driveway five feet to the South.

The reason all this is important is that it all adds to the width of the flagpole. In this case a narrow strip of not 3 but 5 feet (assuming the strip would not be the 3 & 5 feet combined) as the driveway moves 5 feet South.

So *now* the math would be:

A narrow strip of 5 feet plus a driveway of 12 feet plus the required setbacks side yard 5 feet and street side yard of 15 feet the total is:
 $5 + 12 + 5 + 15 = 37$ feet

Subtracting that total from the developer's stated width of the flagpole of 59.89' gives the total of:

$$59.89' - 37' = 22.89 \text{ feet}$$

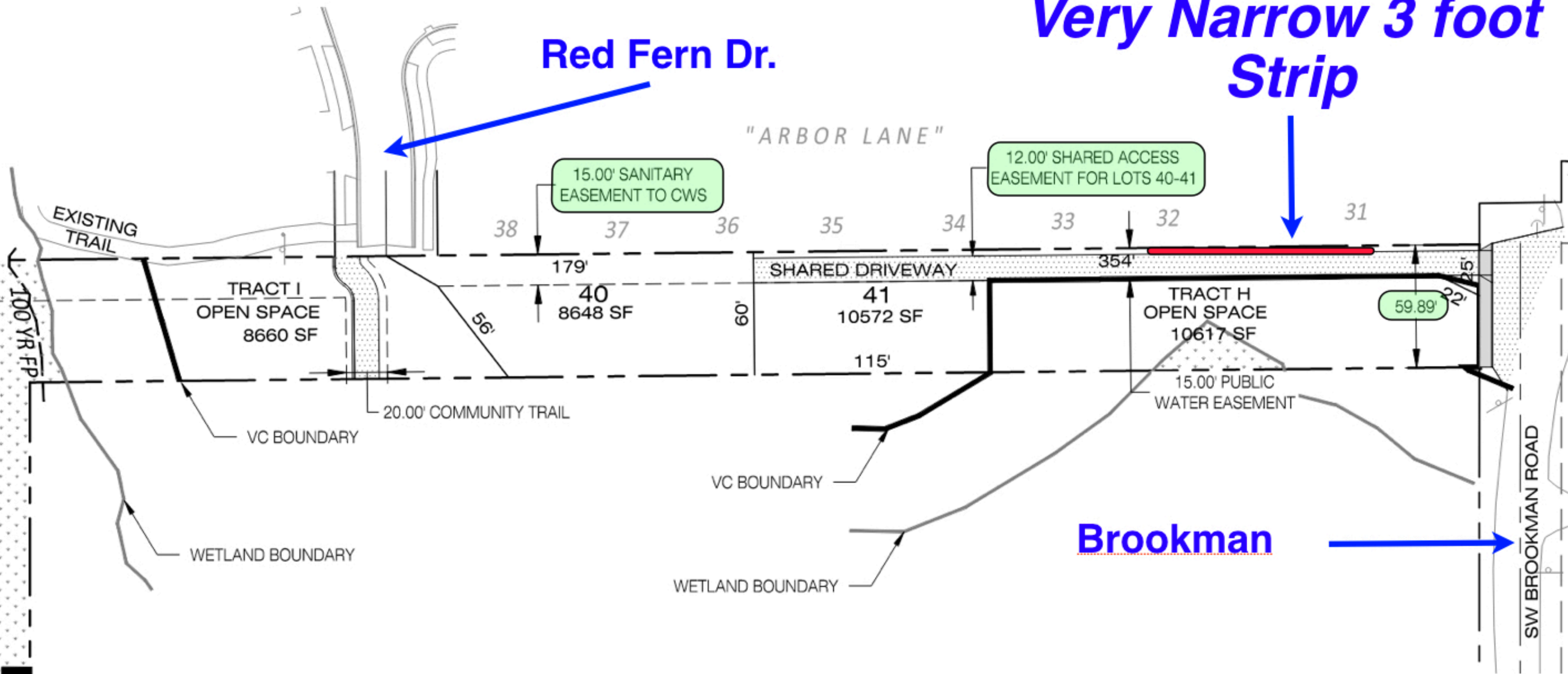
Here again, By Code 16.12.30.C

“the Minimum Lot width at front property line is 25 feet.”

and the developer (at 22.89 feet) has not met the minimum standard.

Very Narrow 3 foot Strip

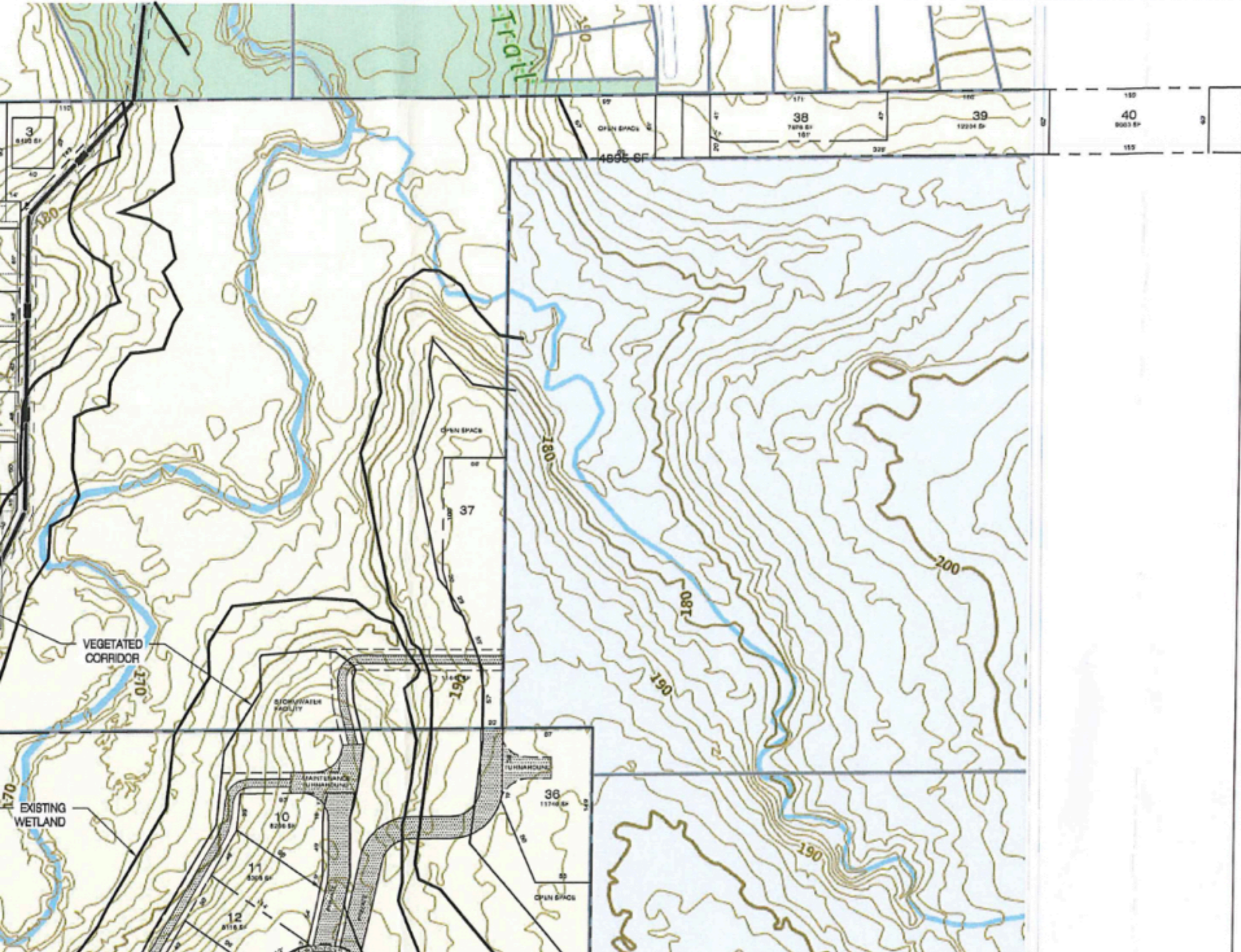
Red Fern Dr.



Brookman

#24

DAR CREEK GARDEN



PLANNING

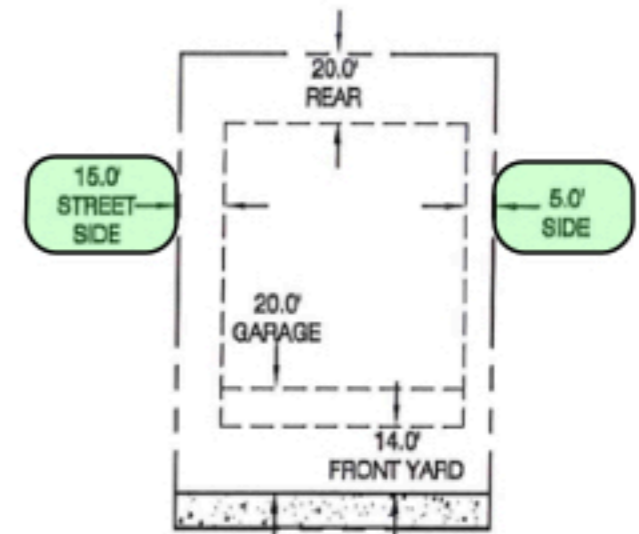
PIONEER DESIGN GROUP, INC.
9020 SW WASHINGTON SQ RD., SUITE 170
PORTLAND, OR 97223
PHONE (503) 643-8286
CONTACT: MATT SPRAGUE

SITE INFORMATION

TAX MAP: 3S1 06
TAX LOT: 102 & 107
SITE ADDRESS: 16871 & 17033 SW BROOKMAN ROAD
SHERWOOD, OR, 97140
SITE SIZE: 19.64 ACRES
ZONING: MEDIUM DENSITY RESIDENTIAL LOW (MDRL)

(MDRL) SETBACK REQUIREMENTS

FRONT YARD:	14 FT.
FACE OF GARAGE:	20 FT.
SIDE YARD:	5 FT.
STREET SIDE YARD:	15 FT.
REAR BUILDING	20 FT.



 SOLAR ACCESS AVAILABLE



SUN & WIND

#25

A Larger Wetland in Tract H Open Space and Greater Impact on that Wetland:

Chapter 16.144 - WETLAND, HABITAT AND NATURAL AREAS

16.144.020 - Standards

A. The applicant shall identify and describe the significance and functional value of wetlands on the site and protect those wetlands from adverse effects of the development. A facility complies with this standard if it complies with the criteria of subsections A.1.a and A.1.b, below:

1. The facility will not reduce the area of wetlands on the site, and development will be separated from such wetlands by an area determined by the Clean Water Services Design and Construction Standards R&O 00-7 or its replacement provided Section 16.140.090 does not require more than the requested setback.

I believe that the small wetland area in the Tract H Open Space (Wetland B...see Maps #26A & 26B) is, in reality, actually larger than indicated. I say this for several reasons. First, there are documented wetland plants outside of the indicated boundary of Wetland B in the developer's tree report. Second, in her testimony at the hearing (8-3), Arbor Lane resident Cynthia Randall, who's property adjoins the flagpole section (see the green

blob on Map #27) stated (at 1:47:04 of the video) referencing her property; “the backyard, the very bottom of our yard is soggy two thirds of the year.” That length of time of saturated soils along with the presence of wetland plants are characteristics of wetlands.

In additional testimony from Byron Gregory, the landowner for the past 45 years of the property immediately South of the flagpole, he stated:

“We ave a flood plain on our property and if they put houses on there that flood goes through that area.” “And in the wintertime...it floods and there’s quite a bit of water that stands for several months in the wintertime along that, where they’re gonna put a driveway.”

I walked that Northern portion of the Gregory’s property with Byron just recently and he pointed out that large flood prone area in the flagpole section.

And perhaps most troubling is the large area of driveway that will replace a large area of forest soil, plants and trees. The driveway itself is 354 feet long and 12 feet wide. That’s an area of 4,248 square feet of asphalt or almost one tenth (9.75%) of an acre. Almost one tenth of an acre of an impervious surface replacing almost one tenth of an acre of absorbent forest soils, plants and trees. The entire area of the land in which the driveway is located is 21,201 square feet (354’ x 59.89 feet). The driveway area (4,248 sf) represents 20% or one fifth of that area in which the driveway is located. So, one fifth of what was absorbent forest soil, plants and trees will now become a solid, impervious surface...20% of the area. That’s *a lot* of runoff water! In the flagpole area, an area that already floods on *both sides* for months at a time during the winter (testimony from both

Cynthia Randall and Byron Gregory), the developer is now, simultaneously, *decreasing* the absorbent capacity of the ground while *increasing* the flooding potential by 20%.

It is highly likely that more flooding will result from that 4,248 square feet of impervious surface. More flooding for the Randall's property...more flooding for the Gregory's property and, additionally, flooding for the two houses the developer wants to build in the flagpole section. It just appears to be a really bad area in which to build a house or two. And, since the developer is aware of this impact, that would seem to put him in a great deal of jeopardy.

In conclusion, the of the presence of wetland plants as well as the testimony of both Cynthia Randall on the North side of the flagpole and Byron Gregory on the South side of the flagpole (both of whom indicated saturated soils on their properties for several months at a time), and the addition of almost one tenth of an acre of impervious driveway surface over seasonally soggy soils, would strongly indicate that the developer will have a significant impact on the wetland in the flagpole section.

So when the developer says in his response on the bottom of page 94 of his Written Narrative:

RESPONSE: No wetland impacts will result from the subdivision development as discussed in the Site Assessment report.

I believe he is mistaken.

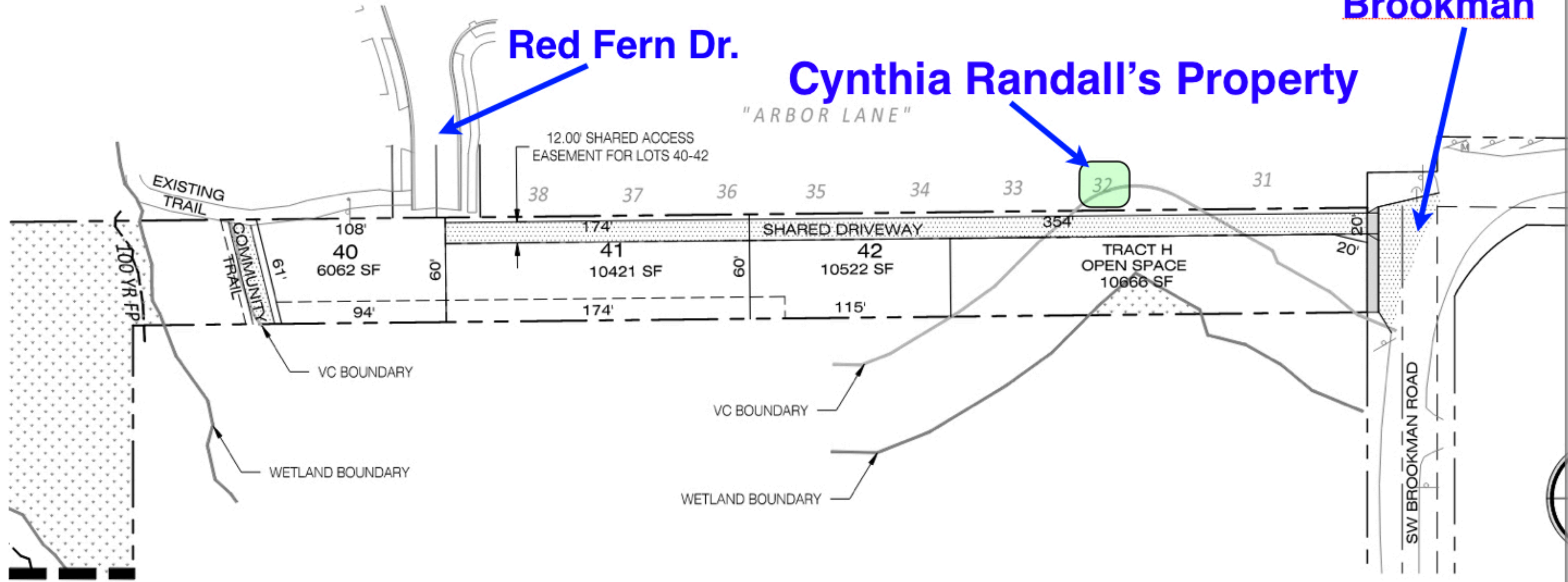
I believe there should be an additional study and delineation of that wetland area and it's potential flooding effects. And I believe that Section 16.144.020.A.1 which states; *The facility will not reduce the area of wetlands on the site* has not been followed by the developer

Brookman

Red Fern Dr.

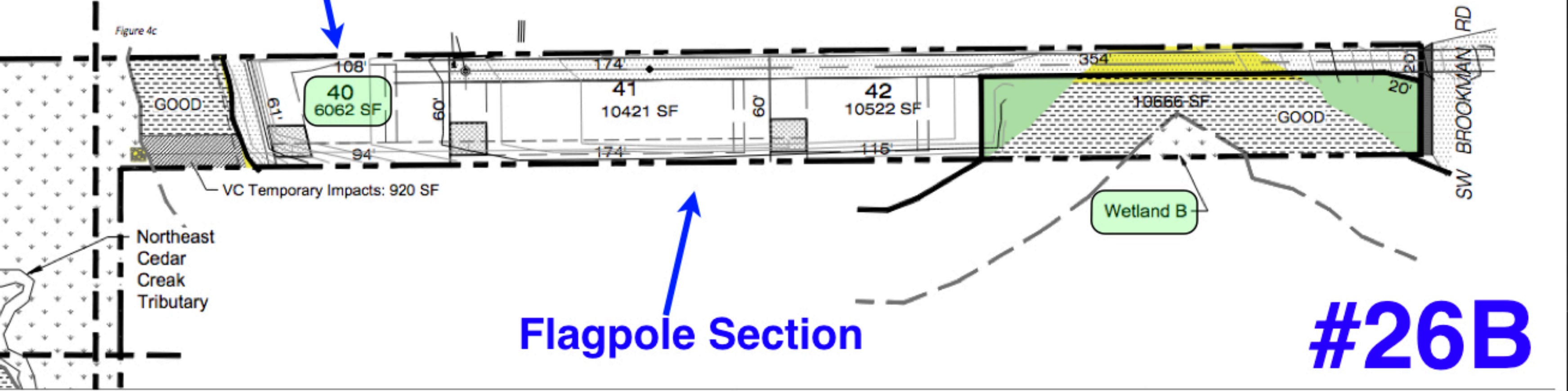
Cynthia Randall's Property

"ARBOR LANE"



#26A

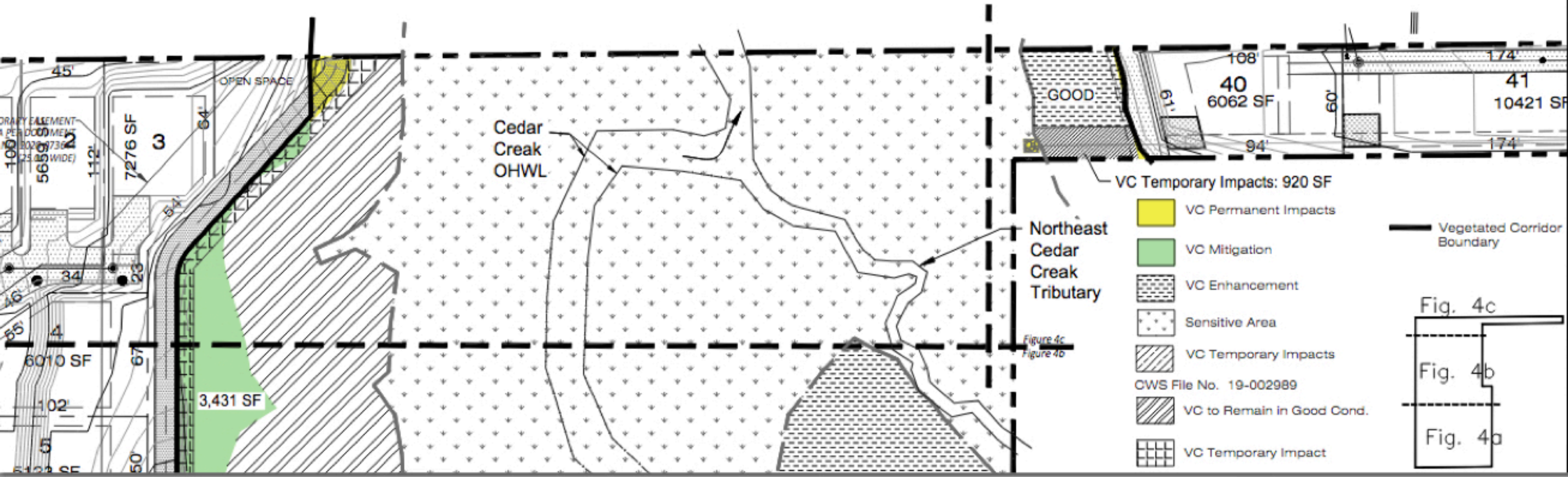
Lot 40



Flagpole Section

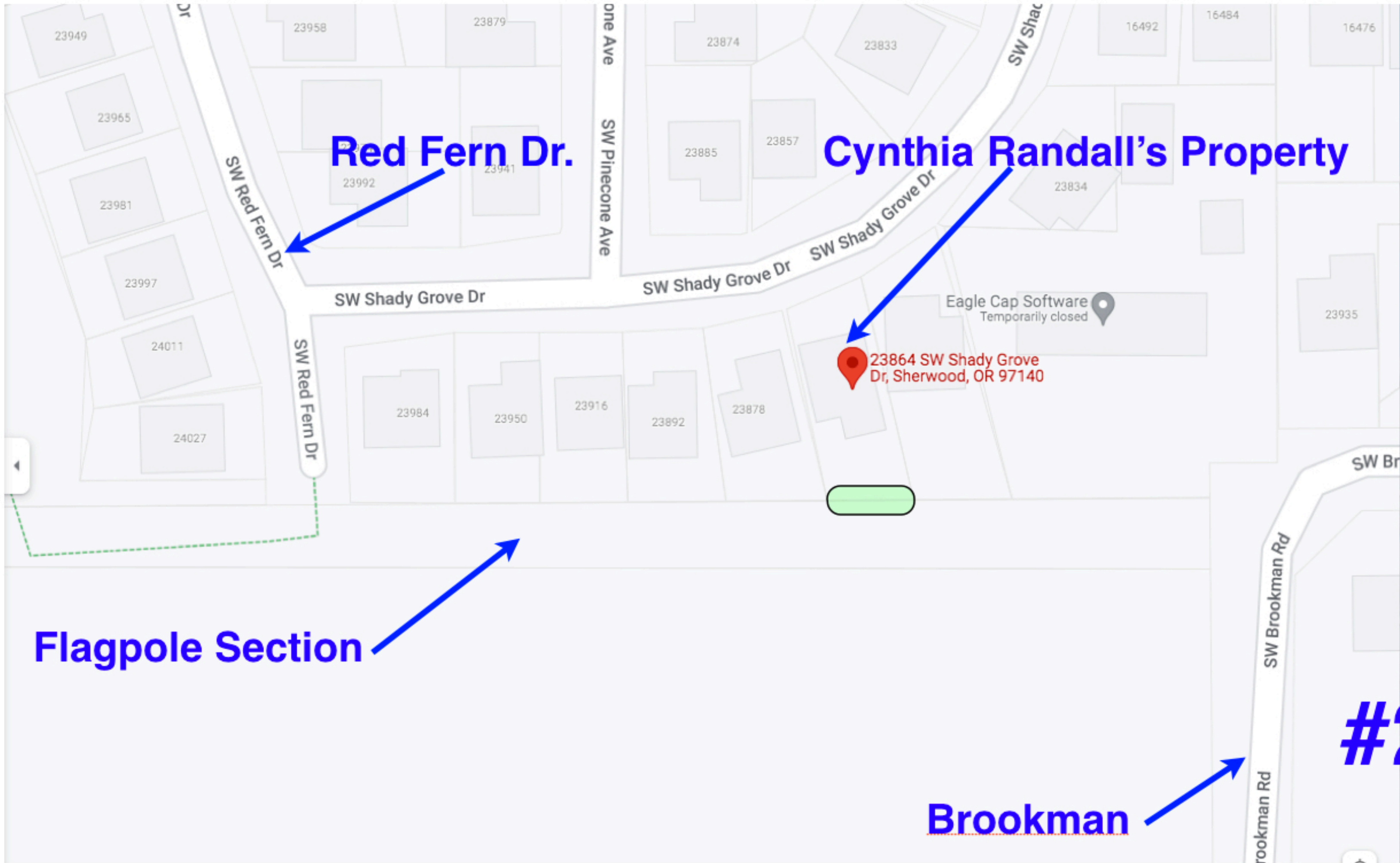
#26B

Site Plan
Cedar Creek Gardens
Sherwood, Oregon



Base Map Source:
 Pioneer Design
 Group, Inc.
 Modified By: KR
 Date: 10/21
 Job: 21004
 Rev: 00/00

Figure 4c



Red Fern Dr.

Cynthia Randall's Property

23864 SW Shady Grove Dr, Sherwood, OR 97140

Flagpole Section

Brookman

#27

From: [Madeline Robinette](#)
To: [Eric Rutledge](#)
Cc: [FRENCH Jamie * OPRD](#)
Subject: Re: Possible Culturally Modified Trees in Sherwood
Date: Wednesday, August 10, 2022 3:10:54 PM
Attachments: [Screen Shot 2022-08-10 at 3.05.57 PM.png](#)

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Hello,

After studying the map, it appears that all of the possibly modified trees are outside of the cutting zone. The cutting of trees to accommodate the "Open Space" seems to be the most outside of city code and this really should be examined. I hope if they do move forward they are careful not to damage any surrounding trees, especially the cedars.



On Mon, Aug 8, 2022 at 1:14 PM Eric Rutledge <RutledgeE@sherwoodoregon.gov> wrote:

Also I see western red cedar in the plans.

Eric Rutledge

City of Sherwood

Associate Planner

rutledgee@sherwoodoregon.gov

Desk 503.625.4242

Work Cell 971.979.2315

From: Madeline Robinette <madelinerobinette@gmail.com>
Sent: Monday, August 8, 2022 1:08 PM
To: Eric Rutledge <RutledgeE@SherwoodOregon.gov>
Subject: Re: Possible Culturally Modified Trees in Sherwood

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Hello Eric,

Is there a tree # key that is readable? The ones I have seen are so marked up that I can't read them. At the hearing, the arborist mentioned that they only noted fir and hemlock trees. So western red cedars may be excluded from the map or considered junk trees.

I will do my best to give you the tree numbers if they are available. Or I could ask Dave Sweeney to tag them (I am out of town this week).

The related code is 16.142.070.D.4.e

At the hearing you mentioned "...historic association. Historic to who?" Native peoples lived in Sherwood long before settlers stepped foot here. That is a history worth honoring for everyone who lives here. Seeing that these culturally modified marker trees are located in two locations, both along Cedar Creek, tells up that this area was significant to native peoples.

Thank you,

Madeline

Thank you,

Madeline

On Mon, Aug 8, 2022, 12:42 PM Eric Rutledge <RutledgeE@sherwoodoregon.gov> wrote:

Sorry – the open comment period deadline is this WED at 5pm.

Eric Rutledge

City of Sherwood

Associate Planner

rutledge@sherwoodoregon.gov

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Work Cell 971.979.2315

From: Eric Rutledge

Sent: Monday, August 8, 2022 12:31 PM

To: Madeline Robinette <madlinerobinette@gmail.com>; FRENCH Jamie * OPRD
<Jamie.FRENCH@opr.oregon.gov>; Sean Garland <GarlandS@SherwoodOregon.gov>

Subject: RE: Possible Culturally Modified Trees in Sherwood

Thank you Madeline and Jamie.

To both of you – the City is required to identify trees on the site for removal or preservation as part of the land use decision. This is to provide certainty to the applicant and public about which trees are being approved for removal in order to accommodate the development.

To date we have not received information on the Tree ID or location of these trees. Only that they are near Redfern – please let me know if I am missing something. We also have not received information on what city code would apply to preserving these trees based on their potential modification.

Jamie - the deadline for providing general comment on this application is tomorrow at 5pm. We will then go into a one week “rebuttal” period where anybody can respond to testimony submitted during the general comment period. We welcome OPRD comments on the proposal with as much specificity as possible for the Hearings Officer to make a final decision.

Please contact me with any questions.

Eric Rutledge

City of Sherwood

Associate Planner

rutledge@sherwoodoregon.gov

Desk 503.625.4242

Work Cell 971.979.2315

From: Madeline Robinette <madelinerobinette@gmail.com>

Sent: Friday, August 5, 2022 1:50 PM

To: FRENCH Jamie * OPRD <Jamie.FRENCH@opr.oregon.gov>; Sean Garland <GarlandS@SherwoodOregon.gov>; Eric Rutledge <RutledgeE@SherwoodOregon.gov>

Subject: Re: Possible Culturally Modified Trees in Sherwood

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you are expecting this email and/or know the content is safe.

Thanks for your reply Jamie. I am cc'ing Sherwood City Council member Sean Garland as he was interested in your response.

I am also cc'ing Eric Rutledge, associate City Planner who is in charge of the development approval in the area of the Redfern trees. Please add this correspondence to my testimony, Eric.

Jamie, your decision on the Redfern trees is time sensitive. Would you be able to confirm them as Culturally Modified Trees with a photo or? How can I help?

Thank you so much for your attention to this matter.

Madeline

On Fri, Aug 5, 2022 at 10:44 AM FRENCH Jamie * OPRD <Jamie.FRENCH@opr.oregon.gov> wrote:

Hi Madeline,

Those do look like they could potentially be octopus trees. Can you give me more information about where they are in the park? I can note them in our statewide database of historic properties so they can be accounted for during development.

Thanks,

Jamie French | Assistant State Archaeologist



Oregon State Historic Preservation Office

Oregon Parks and Recreation Department

[725 Summer St. NE, Suite C, Salem, Oregon 97301](https://www.oregon.gov/PSHS/725-Summer-St-NE-Suite-C-Salem-Oregon-97301)

Cell: 503.979.7580

www.OregonHeritage.org

From: PERMITS Arch * OPRD <Arch.PERMITS@opr.oregon.gov>
Sent: Wednesday, August 3, 2022 1:07 PM
To: POULEY John * OPRD <John.POULEY@opr.oregon.gov>
Cc: FRENCH Jamie * OPRD <Jamie.FRENCH@opr.oregon.gov>
Subject: FW: Possible Culturally Modified Trees in Sherwood

From: Madeline Robinette <madelinerobinette@gmail.com>
Sent: Tuesday, August 2, 2022 4:42 PM
To: PERMITS Arch * OPRD <Arch.PERMITS@opr.oregon.gov>
Subject: Possible Culturally Modified Trees in Sherwood

Hello,

For several years, I have observed trees in Stella Olson Park in Sherwood that very much look like Culturally Modified cedar trees. I kept meaning to notify someone but now that some other interesting looking trees in town are threatened by development, I need to act now.

A little background. Back in about 2014, I found some Culturally Modified Trees near a proposed "thin" logging site in the Gifford Pinchot National Forest. I notified the Forest Service and they directed me to the Washington State Archaeologist. I sent pictures and the location and the trees were marked, inventoried and preserved. It was very satisfying to save them!

When I saw these trees in Sherwood, they looked very much like the trees I had previously identified in the GPNF. I have taken pictures of the trees in Stella Olson Park and labeled them. They should have GPS coordinates in the photo info.

A few days ago, I saw an area a few miles from Stella Olson that is slated for development. Walking through this small patch of woods, I saw four cedar trees that are interesting-while not as intricate as the ones in Stella, they do not look like naturally shaped trees. I have labeled these trees as Redfern, as that is the street they are located near. The final meeting for this development is tomorrow night and I have sent a letter to the city to ask them to investigate these trees before approving the development.

Attached, please find all of the pictures. If they are Culturally Modified Trees they must be preserved!

Thank you,

Madeline Robinette

Sherwood, OR

Neil Shannon
23997 SW Redfern Drive
Sherwood, Oregon 97140
neilshnn@msn.com
503-625-9114

To: Hearings Officer Joe Turner
Re: LU 2021-023 Cedar Creek Gardens Subdevelopment

Dear Mr. Turner,

Thank you for the opportunity to discuss with you the application for the Cedar Creek Gardens Subdevelopment. I have several issues that I would like to bring to your attention but, prior to that, I would like to clarify one point of information presented by Mr. Wayne Hayson of Pioneer Design Group during his initial presentation. At approximately time mark 1:05:30 Mr. Hayson stated that the reason the Redfern Drive had been restricted was because "it was determined at the time that the intersection at Sunset Drive was not sufficient to receive additional vehicle trips." That is incorrect. The reason that Redfern Drive was determined unacceptable for through traffic was because Redfern Drive is a very narrow street, not more than 28-feet in width, and was determined that it would create an unsafe condition for the Arbor Lane neighborhood should it be available for through traffic. It is interesting to note that Metro, due to concerns of neighborhood connectivity, appealed that decision to the Oregon Land Use Board of Appeals. The decision to restrict access to Redfern Drive was upheld by LUBA.

Beyond the issues and conditions of approval noted below, it is my hope that something can be done to protect the Arbor Lane neighborhood, both during construction and after completion of the development. During construction I seek to avoid heavy construction equipment trying to access the site from Redfern drive, as noted above, it is a very narrow street with parking on both sides of the street. It would be extremely complicated, disruptive, and unsafe to move such equipment within a restricted neighborhood environment. In addition, during construction, parking may be limited, and construction crews may take the opportunity to park on a neighborhood street, further complicating the neighborhood disruption.

Issue #1 – Clear Title boundaries for lot 107

There is an issue regarding the established width of the flagpole portion of lot 107 at the north-east portion of the lot, you can follow the discussion of this issue as part of staff report page 9 of 127 and exhibit B5 starting at page 122 of 134. The primary issue lies with the description of the property. The property description provided in the annexation documents (Exhibit D5, page 161 of 305) provides the deed dimensional description of the width of the northern flagpole as "thence North on the East line of said Section 6, a distance of 50 feet to the Northeast corner thereof;". In addition, the map of the tract of land provided (page 120 of 305) also illustrates the 50-foot width of the flagpole. It is easy to understand the Gregory's testimony and their understanding that the flagpole was 50-foot wide. Hopefully, this was an honest error by title deed and survey when the tax lots were first divided and not a deliberate misrepresentation.

I have spoken with Ted Foster, Senior Cartographer, Washington County Oregon, about this issue and his position can be found in an email dated October 13th, 2021, in which he concludes that there is an

error in the deed's dimensional description and that, based on the description (referencing a "point of call" to a different tax map) the actual boundary is 9.87 feet further south than noted.

I am not a professional surveyor and find some difficulty in establishing the property lines in a manner that is clear to the layman. One thing that is clear, based on information provided by Mr. Foster, that there is contradicting information provided on the deed that could be subject to interpretation. PDG has provided a survey (Washington County #23506, please note that Exhibit A32 page 529 of 529 is not a true copy of survey 23506) that was filed on November 15, 1989, showing the added 9.87 feet, however at no time was the deed revised to reflect this new information. I did ask Mr. Foster, because of the contradicting information on the deed, if the deed and title should be revised to properly describe the property. He agreed that it "probably should at some point in the future".

Because of this contradictory information I request a condition that, prior to approval of this application, that the deed and title be revised to show the true and accurate dimensions of the property.

Item #2 – Southern connection at Redfern Drive.

The Brookman Road Concept Plan noted in the final report that the southern end SW Redfern Drive as an area of special concern. The report has been provided as part of the staff report, identified as exhibit D8. On page 302 of 305 the goal is described as *"4.4 Identify a local connection to Redfern Drive as an —area of special concern. Identify the extension as appropriate for bicycle, pedestrian, and emergency access only due to the constraint of the existing street design."*

The key here is that the City of Sherwood has not abandoned a possible future connection at the southern end of Redfern, only restricted it to bicycle, pedestrian, and emergency access. Pioneer Design Group has proposed to extend the footprint of lot 41 to the centerline of Redfern Drive. By doing so the proposal has, at a minimum, effectively blocked and closed the future access of Redfern Drive from the possible access by emergency vehicles.

Request that a condition be established to restrict lot 41 from blocking possible future access regarding Redfern Drive.

Item #3 – Lot 40 description and setback requirements.

At the bottom of page 7 of 127 of the staff report, staff defines Lot 40 as a "corner lot street side" with a 15-foot setback. I disagree. It is my interpretation of the definitions provided in SZCDC § 16.10 that Lot 40 is a "Lot, Through", that being "a lot having frontage on two parallel or approximately parallel streets". SZCDC § 16.60.010 – Through Lots: note that "the front yard requirements of the zone in which such a lot is located shall apply to the street frontage where the lot receives vehicle access (Brookman Road). With the designation of a through lot there would be no change to the front yard (14-ft) or face of garage however rear yard setback, closest of Redfern Drive, would be increased to 20-feet.

Item #4 – Exceptions to Standards, Lot size

The developer is proposing adjustments to lot size up to 10% below that normally allowed by code by applying the exceptions allowed in 16.144.030.B(1). To apply this exception "an equal amount of

inventoried resource above and beyond that already required to be protected is held in a public or private open space tract or otherwise protected from further development.”

While the developer has claimed that an equal amount of area has been retained, I have been unable to document such a claim as part of the submittals. While it appears that Tract I would probably meet a portion of the required protected resources, most other areas outside of the wet lands and vegetated corridors have been used lots, trails and roads. My concern is that the developer is claiming protected resources at the visual corridors and required easements at the southern edge of the property along Brookman Road. I believe that these areas are already included in the areas “required to be protected” and are not allowed to be added as part of the exception to the standards.

Request that the applicant provide additional information documenting the added areas protected to meet the requirements of this exception.

Item #5 – 16.96.20 Minimum Residential Standards - Driveways

Subsection A (2) of this requirement notes for driveways serving Two-Family that a driveway with a minimum width of 20-feet be provided. Staff has determined that the intent of this standard is for a Two-Family dwelling (duplex) not for a driveway serving two single family dwellings and, as such, is accepting a driveway width of 10-feet. I disagree with this interpretation. Considering the length of this driveway (over 350-feet) with out turnout or turnaround a single lane a single lane driveway could become a significant conflict between neighbors.

Request a condition at requires a driveway width of 20-feet.

Item #6 – 16.142 Parks, Trees and Open Space

The staff report correctly identifies the requirements of 16.142.30 for 5% of the net buildable area be set aside as open space. The report also correctly identifies tracts E, F and H as unavailable to be included in open space as they are either visual corridors or sensitive areas identified as sensitive areas identified by CWS.

The report failed to note that tract B and H are also mostly, if not completely, within the required vegetated corridor and should be excluded because of they are, part or in whole “Required sensitive areas and buffers”. While condition B5 does include the requirement that “Prior to Final Plat approval, revise the open space plan and provide a final usable open space percentage after removing Tracts H, E, and F from the calculations. The final percentage shall exceed 5% of the net buildable site.”, I believe, because of the constrained conditions, the applicant should identify the net open space requirements prior to approval of this application.

Item #7 – 16.142.70.D.2 Trees, Retention Requirements, Required Tree Canopy

Staff has correctly identified a Tree Canopy requirement of 40% and notes that preserving existing mature tree on-site counts as double canopy. The Arborist report, exhibit A15 starting on page 454 of 490, goes on to note (page 458 of 490) “Eighty-three trees will be retained outside of environmentally constrained lands. Their combined canopy area is 60,812 square feet. Since retained trees receive double canopy credit, the credit from preservation is 121,624 square feet.”

My issue is that nowhere in the report that I have been able to identify identify the 83 trees to be retained. Without that no independent analysis of the conclusions can be made, both to verify the claim that the tree is outside of environmentally constrained lands or mature tree canopy calculations. In some areas it appears that the calculations may include trees in tracts E & F (required visual corridors and the easement area provided alongside Brookman Road for future expansion. I believe that those areas should be excluded.

I believe that, because of the difficult and restrained conditions on this site that the applicant should identify the mature trees being retained for tree canopy and provide greater detail regarding how the requirements of a 40% tree canopy is met.

Item #8 – 16.030.D – Additional Setbacks

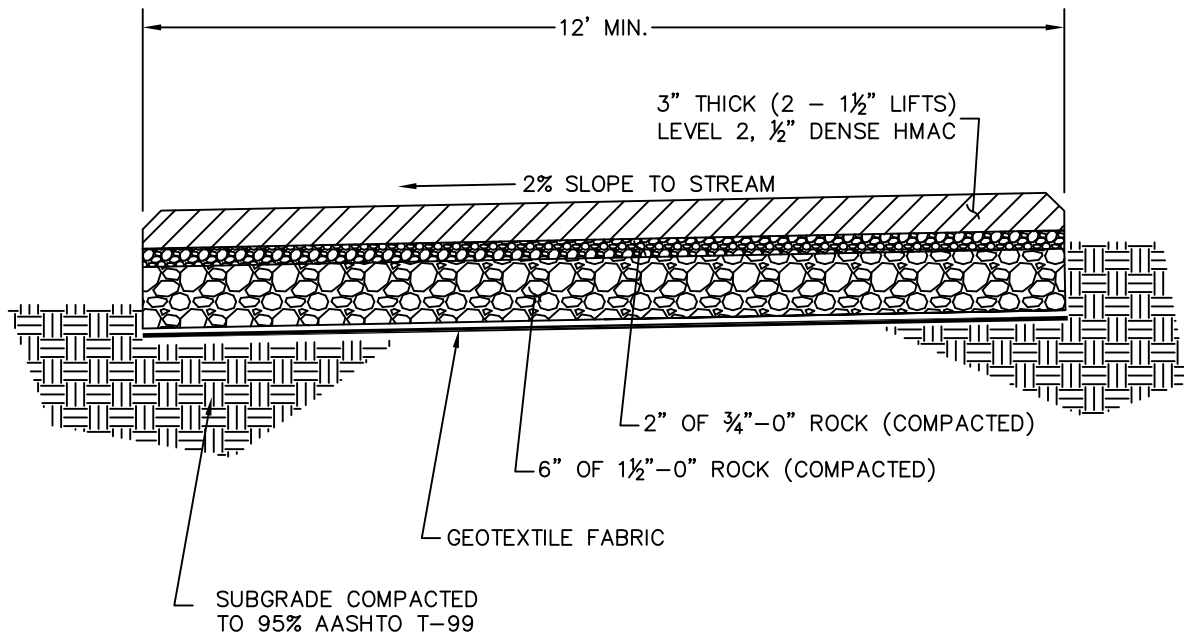
Additional setbacks apply when the width of a street right-of-way abutting a development is less than the standard width under the functional classifications in Section VI of the Community Development Plan. The northeast access to the site (Lots #40 &41) is provided by Brookman Road, an Arterial road, and as such would require an additional 37' of setback for future development. This additional setback may also affect other standards such as intrusion into wetland, vegetative corridors, tree retention and required canopy coverage.

Item #9 - Item #8 – 16.040.N – Private Streets

Staff, in the analysis of the requirements (page 94 of 127), appears to conclude that the designated “private driveways” noted on the plans servicing lots 2, 3, 19, 20, 39, 40 and 41, are a proposed use of a “Private Street”, including the recommended condition G7 that “Prior to occupancy private streets shall be signed differently from public streets and include the words “Private Street”. As such, such private streets should meet all requirements for streets in the City of Sherwood.

Thank you for your consideration and I look forward to addressing any questions that you may have.

Neil Shannon
23997 SW Redfern Drive
Sherwood, Oregon
neilshnn@msn.com



MAINTENANCE ACCESS ROAD

NOTES:

1. ALL WORK AND MATERIALS SHALL CONFORM TO CURRENT CITY STANDARDS.
2. FABRIC TO BE WOVEN GEOTEXTILE (AMOCO 2006) OR APPROVED EQUAL.
3. COMPACT AND STERILIZE SUBGRADE.
4. ACCESS SHALL EXTEND TO WITHIN 10 FT OF ALL STRUCTURES.



STANDARD DRAWING TITLE		DRAWING NUMBER
MAINTENANCE ACCESS ROAD SECTION		RD-64
Any alteration of this drawing may not be associated in any way with the City of Sherwood Standard Drawings.	SCALE	DATE
	N.T.S.	MAR '16