NOTICE OF DECISION

PLANNING DIVISION
555 LIBERTY ST. SE, RM 305
SALEM, OREGON 97301
PHONE: 503-588-6173
FAX: 503-588-6005

CITY OF Salem AT YOUR SERVICE

Si necesita ayuda para comprender esta información, por favor llame 503-588-6173

DECISION OF THE PLANNING ADMINISTRATOR

TREE CONSERVATION PLAN: TCP22-05

APPLICATION NO.: 21-117216-NR

NOTICE OF DECISION DATE: June 27, 2022

REQUEST: A Tree Conservation Plan in conjunction with a Phased Subdivision (Case No. SUB21-09) proposing the preservation of 426 trees, or 52.6 percent, out of a total of 810 trees on the property. The subject property is approximately 29.68 acres, zoned RA (Residential Agriculture) and RS (Single Family Residential) and located at 4540 Pringle Road SE - 97302 (Marion County Assessor Map and Tax Lot numbers: 083W11BC / 03000 and 03200).

APPLICANT: Kehoe Northwest Properties, Martin Kehoe

CONTACT: Emerio Design, Jennifer Arnold and Roy Hankins

LOCATION: 4540 Pringle Road SE

CRITERIA: Salem Revised Code (SRC) Chapter 808.035.

FINDINGS: The findings are in the attached Decision dated June 27, 2022.

DECISION: The **Planning Administrator APPROVED** TCP22-05 subject to the following conditions of approval:

Condition 1: All trees designated for retention under the tree conservation plan shall be marked and protected during construction. Any heritage tree or significant tree shall require that at least 70 percent of a circular area beneath the tree measuring one foot in radius for every one inch of dbh be protected by an above ground silt fence or its equivalent. Tree protection measures shall remain in place until the issuance of Notice of Final Completion for the Single-Family dwelling or Two-Family dwelling.

Condition 2: Each lot or parcel within the development proposal shall comply with the tree planting requirements set forth in SRC 808.050.

The applicant, and all representatives thereof, shall comply with all applicable development standards of SRC Chapter 808. The approved Tree Conservation Plan is on file with the City of Salem and is binding on the lots created by the division of the subject property. No tree designated for removal on the approved Tree Conservation Plan shall be removed or critically damaged prior to the Tree Conservation Plan approval date.

Approval of a Tree Conservation Plan application does not expire.

Case Manager: Aaron Panko, Planner III, apanko@cityofsalem.net, 503-540-2356

This decision is final unless written appeal from the applicant or the owner of the subject property is filed with the City of Salem Planning Division Room 305, 555 Liberty Street SE, Salem OR 97301 no later than **Tuesday, July 12, 2022, by 5:00 p.m.** The appeal must state where the decision failed to conform to the approval criteria in SRC Chapter 808. The appeal fee must be paid at the time of filing. If the appeal is untimely and/or lacks the proper fee, the appeal will be rejected. The Salem Hearings Officer will review the appeal at a public hearing. After the hearing, the Hearings Officer may amend, rescind, or affirm the action or refer the matter to staff for additional information.

http://www.cityofsalem.net/planning

BEFORE THE PLANNING ADMINISTRATOR OF THE CITY OF SALEM

DECISION

IN THE MATTER OF APPROVAL OF	**) FACTS & FINDINGS**
TREE CONSERVATION PLAN	**)**
CASE NO. TCP22-05	**)**
4540 PRINGLE ROAD SE – 97302	**) JUNE 27, 2022**

In the matter of the application for a Tree Conservation Plan, the Planning Administrator, having received and reviewed evidence and the application materials, makes the following findings and adopts the following order as set forth herein.

REQUEST

A Tree Conservation Plan in conjunction with a Phased Subdivision (Case No. SUB21-09) proposing the preservation of 426 trees, or 52.6 percent, out of a total of 810 trees on the property. The subject property is approximately 29.68 acres in size, zoned RA (Residential Agriculture) and RS (Single Family Residential), and located at 4540 Pringle Road SE - 97302 (Marion County Assessor Map and Tax Lot numbers: 083W11BC / 03000 and 03200).

PROCEDURAL FINDINGS

1. On September 17, 2021, an application for a Tree Conservation Plan was submitted for property located at 4540 Pringle Road SE - 97302. (**Attachment A**).

2. The revised Tree Conservation Plan (**Attachment B**) was submitted on March 9, 2022 in conjunction with a modified phased subdivision tentative plan (Case No. SUB21-09) which received final approval by the Salem City Council on May 9, 2022.

3. The application was deemed complete on May 9, 2022.

SUBSTANTIVE FINDINGS

1. Proposal

The tree conservation plan identifies a total of 810 trees above 10 inches diameter-at-breast-height (dbh) on the property, with 426 trees identified for preservation and 384 proposed for removal (**Attachment B**). Six significant trees are proposed for removal, and riparian trees and vegetation are proposed for removal due to street improvements on 12th Street SE. There are no heritage trees located on the property.

2. Applicability

A tree conservation plan is required in conjunction with any development proposal for the creation of lots or parcels to be used for single family or two family uses, if the development proposal will result in the removal of trees.

3. Analysis of Tree Conservation Plan Approval Criteria:

The approval criteria for a Tree Conservation Plan are found in SRC 808.035(d).

SRC 808.035(d)(1): No heritage trees are designated for removal;

Finding: There are no heritage trees located on the subject property; therefore, the preservation requirements of SRC 808.035(d)(1) are not applicable to the tree conservation plan.

SRC 808.035(d)(2): No significant trees are designated for removal, unless there are no reasonable design alternatives that would enable preservation of such trees;

Finding: A total of 64 significant trees (Oregon white oaks with a diameter at breast height of 24" or greater) were identified on the subject property. Six of the significant trees are identified for removal due to the required street improvements, and due to grading and trenching for a required public utility easement. 58 significant trees will remain.

Tree Number	DBH	Reason for Removal
2578	25	12th Street widening
2579	38	12th Street widening
3143	26	In path of required public utility easement (PUE).
3146	24+	Construction of Hilfiker Lane
3194	27	Construction of Hilfiker Lane
5546	24	12th Street widening

Trees 2578, 2579, and 5546 are located within the right-of-way for 12th Street SE. 12th Street SE is an underimproved street that does not comply with City standards for overall right-of-way width, width of the paved improvement, and does not contain sidewalks. As a condition of development, the applicant is required to improve boundary streets that do not comply with City standards. The location of these trees conflict with required improvements on 12th Street and must be removed.

Similarly, removal of Trees 3146 and 3196 is necessary for development of the Hilfiker Lane SE extension through the subject property. The extension of Hilfiker Lane is identified as a high priority connection in the Salem Transportation System Plan that is needed to connect between Commercial Street SE and Pringle Road SE. Due to design requirements for this collector street, and physical and topographic constraints on the subject property, it is not possible to relocate or realign this street. The location of these trees conflict with required improvements related to Hilfiker Lane and must be removed.

Finally, the revised tentative plan includes the removal of Tree 3143 located on proposed Lot 57, which is proposed to remain as a developable lot. Removal of this tree is necessary due to the location of a required 10' wide public utility easement (PUE) and the trenching and grading required to take place in this area for placement of utilities.

Removal of Lot 57 would not result in preservation of Tree 3143, as the PUE along Hilfiker Lane cannot be relocated and must be provided along the frontage whether or not Lot 57 is developed.

As identified, no reasonable design alternatives have been identified that would preserve these significant trees.

SRC 808.035(d)(3): No trees or native vegetation in a riparian corridor are designated for removal, unless there are no reasonable design alternatives that would enable preservation of such trees or native vegetation.

Finding: The applicant is proposing to remove riparian trees and vegetation to the extent to construct street improvements along 12th Street SE. The remainder or the riparian area will be located within an open space lot not proposed for development. The tree conservation plan complies with the requirements of SRC 808.035(d)(3).

SRC 808.035(d)(4): Not less than 25 percent of all trees located on the property are designated for preservation; provided, however, if less than 25 percent of all trees located on the property are designated for preservation, only those trees reasonably necessary to accommodate the proposed development shall be designated for removal.

Finding: The proposed tree conservation plan preserves 52.6 percent of the existing trees on the property, exceeding the minimum 25 percent preservation requirement under SRC Chapter 808. Because the tree conservation plan preserves more than 25 percent of the existing trees on the subject property, the tree conservation plan complies with the requirements of SRC 808.035(d)(4).

4. SRC Chapter 808 Planting Requirements

SRC Chapter 808.050 establishes tree planting requirements for lots or parcels to be used for Single-Family or Two-Family uses. The specific number of trees that must be provided on each lot is based upon the requirements of Table 808-1, as shown below:

Table 808-1

Lot Size	Required Trees
Up to and including 6,000 square feet	2
6,001 to 7,000 square feet	3
7,001 to 8,000 square feet	4
8,001 to 9,000 square feet	5
Above 9,000 square feet	6

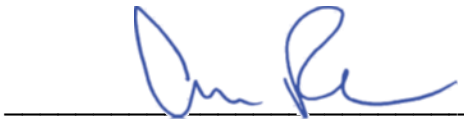
In the event there are insufficient existing trees on a lot or parcel to meet the requirements of Table 808-1, the deficiency shall be made up by planting trees that are at least 1.5 inches in caliper.

IT IS HEREBY ORDERED

The proposed Tree Conservation Plan is consistent with the provisions of SRC Chapter 808. The Tree Conservation Plan is hereby **APPROVED**, subject to SRC Chapter 808 and the following conditions, adopted pursuant to SRC 808.035(e)(2):

Condition 1: All trees designated for retention under the tree conservation plan shall be marked and protected during construction. Any heritage tree or significant tree shall require that at least 70 percent of a circular area beneath the tree measuring one foot in radius for every one inch of dbh be protected by an above ground silt fence or its equivalent. Tree protection measures shall remain in place until the issuance of Notice of Final Completion for the Single-Family dwelling or Two-Family dwelling.

Condition 2: Each lot or parcel within the development proposal shall comply with the tree planting requirements set forth in SRC 808.050.

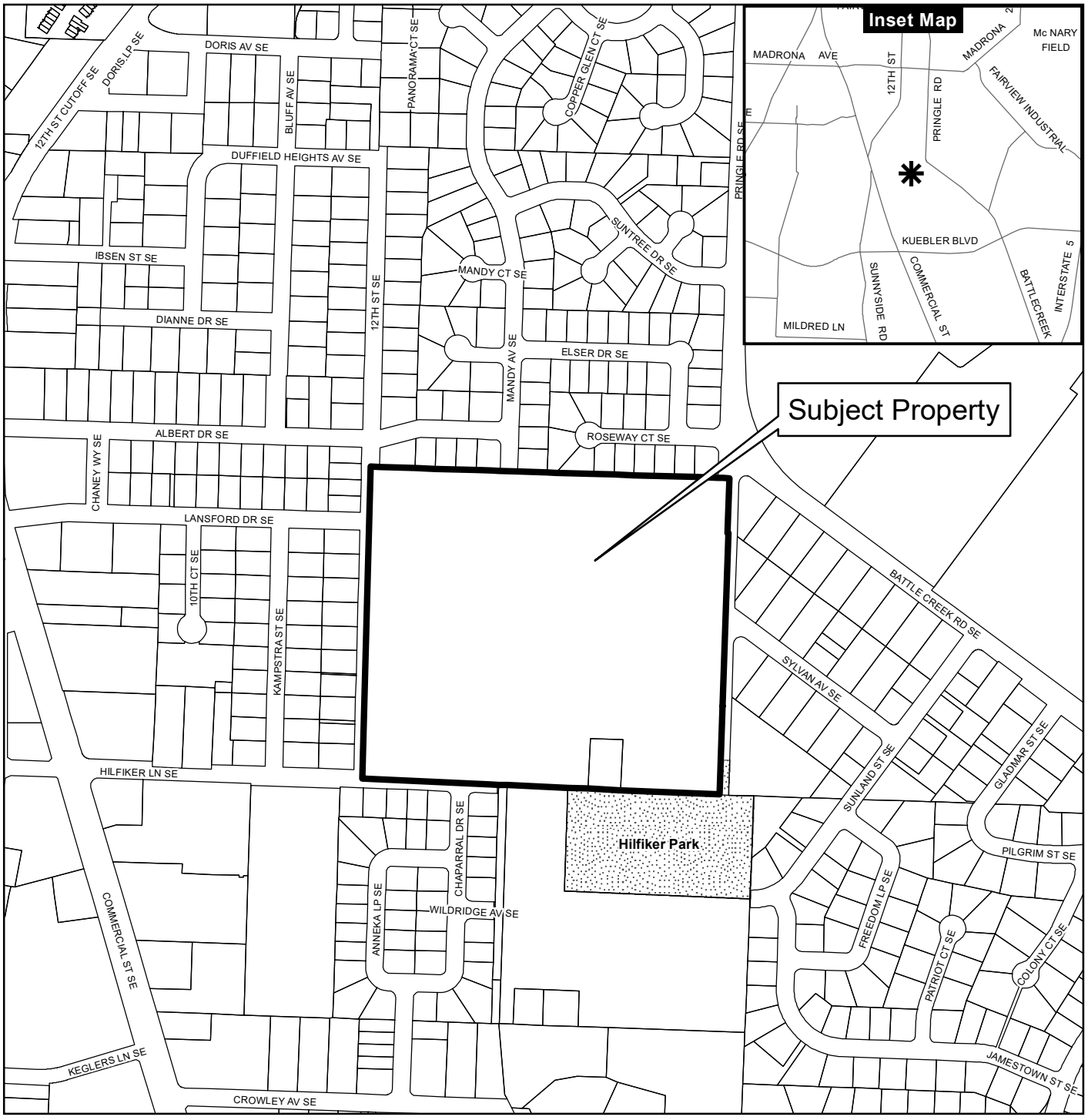


Aaron Panko, Planner III, on behalf of,
Lisa Anderson-Ogilvie, AICP
Planning Administrator

Attachments:

A. Vicinity Map
B. Approved Tree Conservation Plan

Vicinity Map
4540 Pringle Road SE



Legend

- Taxlots
- Urban Growth Boundary
- City Limits
- Outside Salem City Limits
- Historic District
- Schools
- Parks

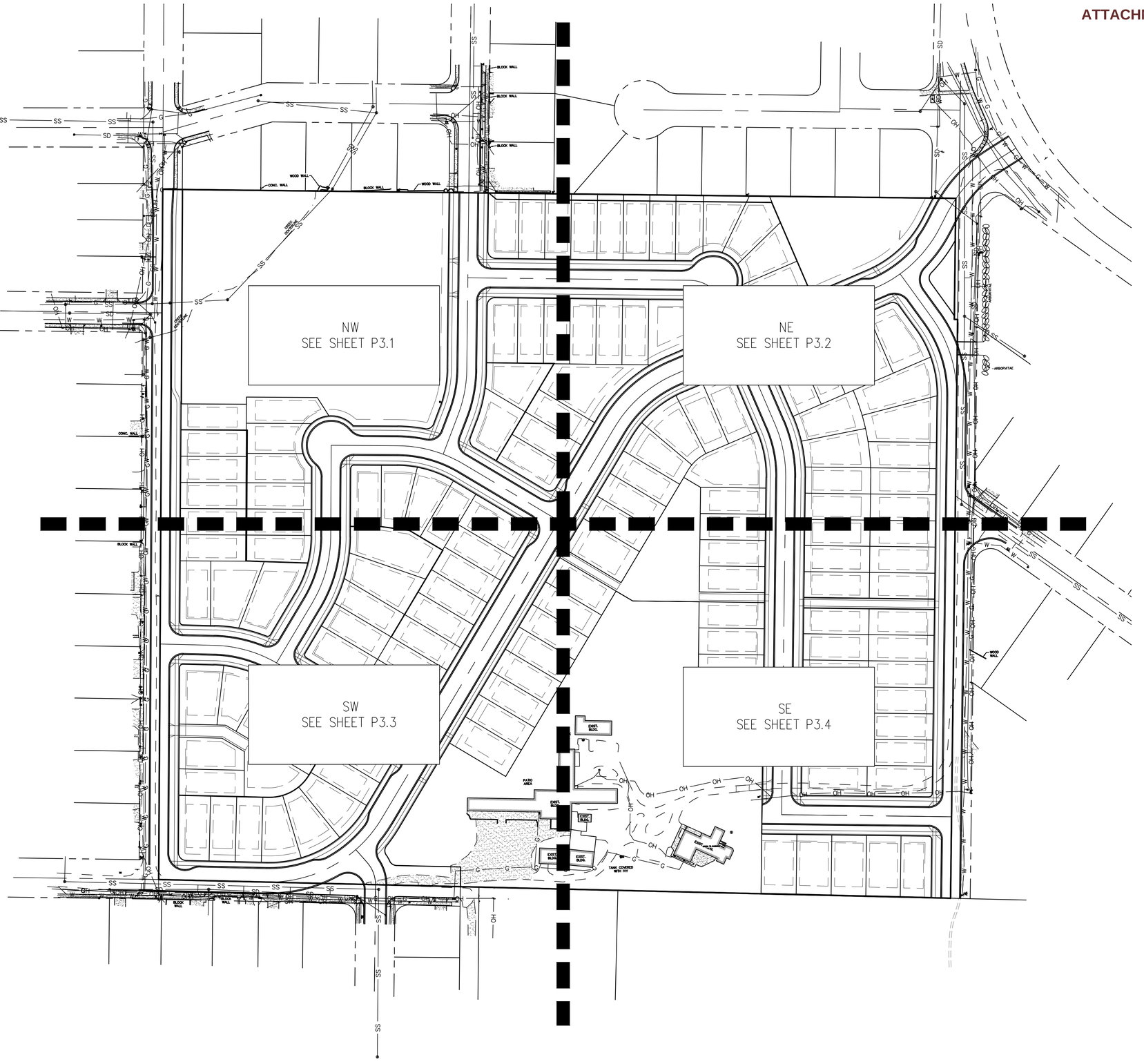
0 100 200 400 Feet

CITY OF Salem AT YOUR SERVICE
Community Development Dept.

This product is provided as is, without warranty. In no event is the City of Salem liable for damages from the use of this product. This product is subject to license and copyright limitations and further distribution or resale is prohibited.

G:\CD\PLANNING\Aaron\2021\Subdivision\4540 Pringle Road SE\VicinityMap.mxd - 9/14/2021 @ 9:00:33 AM

ATTACHMENT B



N

80' 0 40' 80' 160'

SCALE: 1" = 80'

TREE PROTECTION SPECIFICATIONS

1. PRECONSTRUCTION CONFERENCE. PRIOR TO THE START OF CONSTRUCTION ACTIVITY, THE CONTRACTOR SHALL COORDINATE WITH THE PROJECT ARBORIST IN A TIMELY MANNER TO REVIEW THE TREE PROTECTION PLAN, VERIFY THAT TREES TO BE RETAINED ARE IDENTIFIED WITH NUMBERED TAGS ON THE GROUND, AND TO INSPECT AND VERIFY THE INSTALLATION OF TREE PROTECTION MEASURES.

2. FENCING. TREES TO REMAIN ON SITE SHALL BE PROTECTED BY INSTALLATION OF TREE PROTECTION FENCING AS DEPICTED ON SITE PLANS IN ORDER TO PREVENT INJURY TO TREE TRUNKS OR ROOTS, OR SOIL COMPACTION WITHIN THE ROOT PROTECTION AREA. FENCES SHALL BE A MINIMUM 6-FOOT HIGH 2-INCH CHAIN LINK MESH SECURED TO METAL POSTS DRIVEN INTO THE GROUND. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE PROJECT ARBORIST PRIOR TO OPENING, ADJUSTING OR REMOVING TREE PROTECTION FENCING.

3. TREE PROTECTION ZONE. WITHOUT AUTHORIZATION FROM THE PROJECT ARBORIST, NONE OF THE FOLLOWING SHALL OCCUR BENEATH THE DRIPLINE OF ANY PROTECTED TREE:

a) GRADE CHANGE OR CUT AND FILL;

b) NEW IMPERVIOUS SURFACES;

c) UTILITY OR DRAINAGE FIELD PLACEMENT;

d) STAGING OR STORAGE OF MATERIALS AND EQUIPMENT; OR

e) VEHICLE MANEUVERING.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE PROJECT ARBORIST IN A TIMELY MANNER PRIOR TO WORKING BENEATH PROTECTED TREE DRIPLINES. ROOT PROTECTION ZONES MAY BE ENTERED FOR TASKS LIKE SURVEYING, MEASURING AND SAMPLING. FENCES MUST BE CLOSED UPON COMPLETION OF THESE TASKS.

4. TREE AND STUMP REMOVAL. TREES TO BE REMOVED SHALL BE CLEARLY IDENTIFIED WITH TREE-MARKING PAINT OR OTHER METHODS APPROVED IN ADVANCE BY THE PROJECT ARBORIST. PROTECTION FENCING MAY BE TEMPORARILY OPENED IN TRACT B FOR REMOVAL OF TREES #6654 AND #6655, IN THE REAR OF LOT 3 FOR REMOVAL OF TREE #6248 AND #6375, IN THE REAR OF LOT 9 FOR REMOVAL OF TREE #50316 AND IN THE REAR OF LOT 10 FOR REMOVAL OF TREES #50398 AND #50399. WITHIN TREE PROTECTION ZONES, TREE REMOVAL SHALL BE PERFORMED WITH HAND TOOLS ONLY AND TREES SHALL BE DIRECTIONALLY FELLED OR SURGICALLY REMOVED TO AVOID DAMAGE TO REMAINING NEARBY TREES. THE STUMPS OF THESE PARTICULAR TREES SHALL REMAIN IN THE GROUND, BE REMOVED APPROXIMATELY 6-INCHES BELOW THE GROUND SURFACE USING A STUMP GRINDER, OR ELSE EXTRACTED FROM THE GROUND UNDER ARBORIST SUPERVISION.

5. PRUNING. PRUNING MAY BE NEEDED TO PROVIDE OVERHEAD CLEARANCE AND TO REMOVE DEAD AND DEFECTIVE BRANCHES FOR SAFETY. THE PROJECT ARBORIST CAN HELP IDENTIFY WHERE PRUNING IS NECESSARY ONCE TREES RECOMMENDED FOR REMOVAL HAVE BEEN REMOVED AND THE SITE IS PREPARED FOR CONSTRUCTION. TREE REMOVAL AND PRUNING SHALL BE PERFORMED BY A QUALIFIED TREE SERVICE.

6. EXCAVATION AND ROOT PRUNING. EXCAVATION BENEATH PROTECTED TREE DRIPLINES SHALL BE AVOIDED IF ALTERNATIVES ARE AVAILABLE. IF EXCAVATION IS UNAVOIDABLE, THE PROJECT ARBORIST SHALL EVALUATE THE PROPOSED EXCAVATION TO DETERMINE METHODS TO MINIMIZE IMPACTS TO TREES. ROOT PRUNING SHALL BE DIRECTED AND DOCUMENTED BY THE PROJECT ARBORIST.

7. LANDSCAPING. FOLLOWING CONSTRUCTION AND WHERE LANDSCAPING IS DESIRED, APPLY APPROXIMATELY 3-INCHES OF MULCH BENEATH THE DRIPLINE OF PROTECTED TREES IN A MINIMUM 5-FOOT RADIUS AROUND TREE TRUNKS; DO NOT PILE MULCH DIRECTLY AGAINST TREE TRUNKS. SHRUBS AND GROUND COVER PLANTS MAY BE PLANTED WITHIN THE GRASS-FREE MULCH RINGS. IF IRRIGATION IS USED, USE DRIP IRRIGATION OR LOW FLOW EMITTERS INSTALLED AT NATIVE GRADE (NO TRENCHING) ONLY BENEATH THE DRIPLINES OF PROTECTED TREES. LANDSCAPING SHALL BE PERFORMED BY HAND AND WITH HAND TOOLS ONLY BENEATH PROTECTED TREE DRIPLINES; ADJUST THE LOCATION OF PLANTS TO AVOID TREE ROOT IMPACTS.

8. QUALITY ASSURANCE. A QUALIFIED ARBORIST SHOULD SUPERVISE PROPER EXECUTION OF THIS PLAN ON-CALL DURING CONSTRUCTION ACTIVITIES THAT COULD ENCROACH ON RETAINED TREES. TREE PROTECTION SITE INSPECTION MONITORING REPORTS SHOULD BE PROVIDED TO THE CLIENT AND CITY FOLLOWING EACH SITE VISIT PERFORMED DURING CONSTRUCTION.

9. REASSESSMENT. TREES THAT ARE RETAINED WITH SITE IMPROVEMENT WORK SHOULD BE REASSESSED IN TERMS OF FUTURE HOME PLANS; ADDITIONAL TREE REMOVAL OR ALTERNATIVE TREE PROTECTION MEASURES MAY BE NEEDED.

TREE PRESERVATION	
PROPOSED PLAN	NUMBER OF TREES
ONSITE TREES REMOVED	~~445~~
ONSITE SIGNIFICANT TREES REMOVED	~~15~~ 6
TOTAL TREES REMOVED	~~453~~ 384
ONSITE TREES PRESERVED	~~363~~ 426
TOTAL ONSITE TREES (INCLUDING SIGNIFICANT)	~~808~~ 810
PERCENTAGE OF TREES PRESERVED	~~44.9%~~ 52.6%

PLANNING ACTION
APPROVED SUBJECT TO
DEVELOPMENT REQUIREMENTS
NOTED ON PLANS.

Date and Signature of Planner
06/27/2022 12:23:32 PM

4540 PRINGLE RD SE
TAX MAP - 3000 & 3002
TAX MAP - 083W11BC
SW1/4 NW1/4 SEC11 T8S R3W W.M.
SALEM, OREGON

TREE PRESERVATION AND REMOVAL PLAN OVERVIEW

REVISIONS

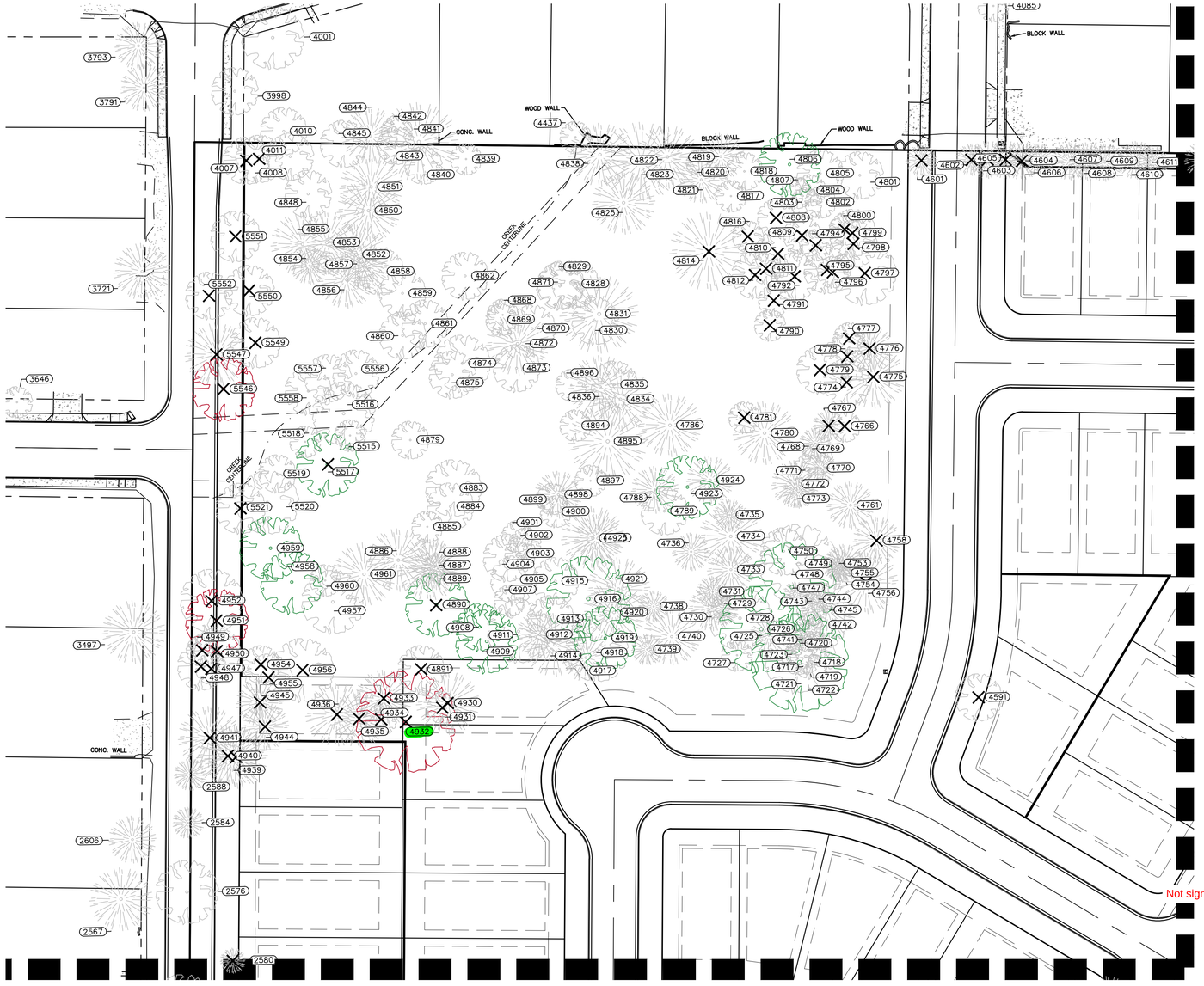
NO.	DATE	DESCRIPTION

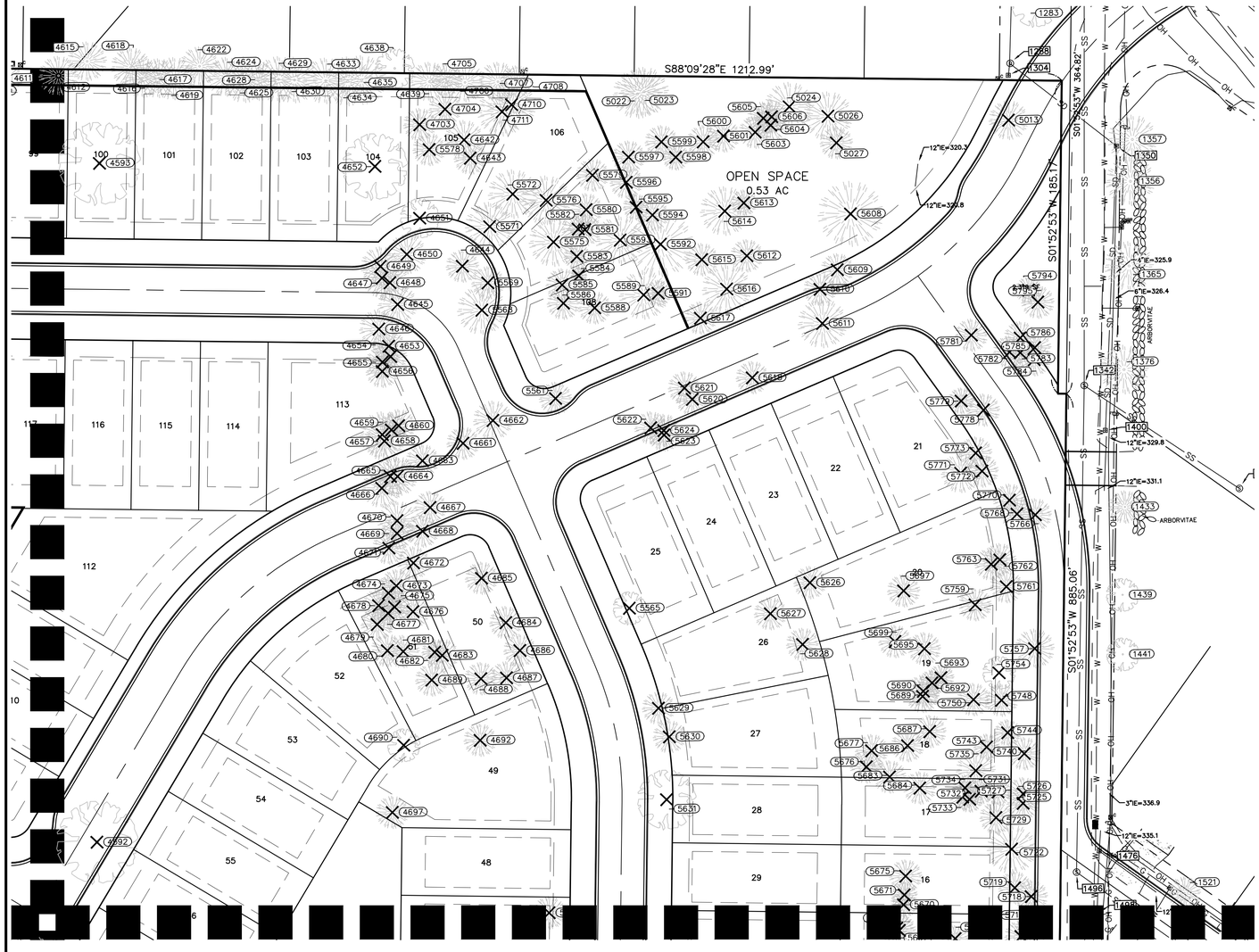
EMERIO
ENGINEERING • SURVEYING • DESIGN
2667 WILLAMETTE ROAD, SUITE 1A
EUGENE, OREGON 97401
TEL: (503) 746-8812
FAX: (503) 465-8582
www.emeriodesign.com

REGISTERED PROFESSIONAL ENGINEER
OREGON
JULY 10, 1979
TROY R. HANKINS
PRELIMINARY
NOT FOR CONSTRUCTION
EXPIRES: 6/30/2023

SHEET
P3.0
OF
32

FILE P:\0742-003 Meyer Farm\dwg\plan\Exhibits\Tree Assessment\0742-003_P3.0tree. Layout: P3.0 - TREE PRESERVATION OVERVIEW, Plot Date: 1/31/2022 3:22 PM, by: Roy Hankins


WOOD WALL
CONC. WALL
BLOCK WALL
WOOD WALL
CREEK CENTERLINE
CREEK CENTERLINE
BLOCK WALL
CONC. WALL
4001
3793
3791
3998
4844
4842
4841
4010
4845
4843
4839
4838
4007
4011
4008
4840
4851
4848
4850
4855
5551
4853
4854
4852
4857
4858
4862
4856
4859
5552
5550
4868
4871
4828
4829
4869
4870
4831
4830
4861
4860
4872
5549
5547
4874
4873
4896
5557
5556
4875
4835
4836
4834
3646
5546
5558
5516
4894
4786
5518
4879
4895
5515
4781
4780
4768
4769
4771
4770
5519
5517
4897
4924
4899
4898
4788
4923
4900
4789
4772
4773
4761
5521
5520
4735
4901
4902
4925
4734
4758
4959
4886
4888
4903
4750
4749
4753
4958
4887
4904
4733
4748
4961
4889
4905
4915
4921
4754
4747
4756
4907
4916
4731
4729
4743
4744
4952
4890
4738
4730
4745
4957
4913
4920
4728
4742
4908
4912
4726
4725
4741
4720
4911
4919
4740
4739
4909
4914
4918
4723
4727
4717
4718
4891
4917
4721
4719
4722
4591
4933
4930
4955
4945
4936
4934
4931
4935
4937
4954
4956
4947
4948
4941
4944
4940
4939
2588
2584
2606
2576
2567
2580
4085
4602
4605
4604
4607
4609
4611
4603
4606
4608
4610
4601
4822
4819
4823
4820
4818
4806
4805
4821
4807
4804
4801
4817
4803
4802
4825
4816
4808
4800
4809
4794
4799
4810
4798
4814
4811
4795
4797
4812
4792
4796
4791
4790
4777
4778
4776
4779
4775
4774
4767
4766
4782
4783
4784
4785
4787
4790
4791
4792
4793
4794
4795
4796
4797
4798
4799
4800
4801
4802
4803
4804
4805
4806
4807
4808
4809
4810
4811
4812
4813
4814
4815
4816
4817
4818
4819
4820
4821
4822
4823
4824
4825
4826
4827
4828
4829



PLANNING ACTION
APPROVED SUBJECT TO
DEVELOPMENT REQUIREMENTS
NOTED ON PLANS.

Date and Signature of Planner
06/27/2022 12:24:51 PM

TREE PROTECTION SPECIFICATIONS

1. PRECONSTRUCTION CONFERENCE. PRIOR TO THE START OF CONSTRUCTION ACTIVITY, THE CONTRACTOR SHALL COORDINATE WITH THE PROJECT ARBORIST IN A TIMELY MANNER TO REVIEW THE TREE PROTECTION PLAN, VERIFY THAT TREES TO BE RETAINED ARE IDENTIFIED WITH NUMBERED TAGS ON THE GROUND, AND TO INSPECT AND VERIFY THE INSTALLATION OF TREE PROTECTION MEASURES.
2. FENCING. TREES TO REMAIN ON SITE SHALL BE PROTECTED BY INSTALLATION OF TREE PROTECTION FENCING AS DEPICTED ON SITE PLANS IN ORDER TO PREVENT INJURY TO TREE TRUNKS OR ROOTS, OR SOIL COMPACTION WITHIN THE ROOT PROTECTION AREA. FENCES SHALL BE A MINIMUM 6-FOOT HIGH 2-INCH CHAIN LINK MESH SECURED TO METAL POSTS DRIVEN INTO THE GROUND. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE PROJECT ARBORIST PRIOR TO OPENING, ADJUSTING OR REMOVING TREE PROTECTION FENCING.
3. TREE PROTECTION ZONE. WITHOUT AUTHORIZATION FROM THE PROJECT ARBORIST, NONE OF THE FOLLOWING SHALL OCCUR BENEATH THE DRIPLINE OF ANY PROTECTED TREE:
   a) GRADE CHANGE OR CUT AND FILL;
   b) NEW IMPERVIOUS SURFACES;
   c) UTILITY OR DRAINAGE FIELD PLACEMENT;
   d) STAGING OR STORAGE OF MATERIALS AND EQUIPMENT; OR
   e) VEHICLE MANEUVERING.

   THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE PROJECT ARBORIST IN A TIMELY MANNER PRIOR TO WORKING BENEATH PROTECTED TREE DRIPLINES. ROOT PROTECTION ZONES MAY BE ENTERED FOR TASKS LIKE SURVEYING, MEASURING AND SAMPLING. FENCES MUST BE CLOSED UPON COMPLETION OF THESE TASKS.
4. TREE AND STUMP REMOVAL. TREES TO BE REMOVED SHALL BE CLEARLY IDENTIFIED WITH TREE-MARKING PAINT OR OTHER METHODS APPROVED IN ADVANCE BY THE PROJECT ARBORIST. PROTECTION FENCING MAY BE TEMPORARILY OPENED IN TRACT B FOR REMOVAL OF TREES #6654 AND #6655, IN THE REAR OF LOT 3 FOR REMOVAL OF TREE #6248 AND #6375, IN THE REAR OF LOT 9 FOR REMOVAL OF TREE #50316 AND IN THE REAR OF LOT 10 FOR REMOVAL OF TREES #50398 AND #50399. WITHIN TREE PROTECTION ZONES, TREE REMOVAL SHALL BE PERFORMED WITH HAND TOOLS ONLY AND TREES SHALL BE DIRECTIONALLY FELLED OR SURGICALLY REMOVED TO AVOID DAMAGE TO REMAINING NEARBY TREES. THE STUMPS OF THESE PARTICULAR TREES SHALL REMAIN IN THE GROUND, BE REMOVED APPROXIMATELY 6-INCHES BELOW THE GROUND SURFACE USING A STUMP GRINDER, OR ELSE EXTRACTED FROM THE GROUND UNDER ARBORIST SUPERVISION.
5. PRUNING. PRUNING MAY BE NEEDED TO PROVIDE OVERHEAD CLEARANCE AND TO REMOVE DEAD AND DEFECTIVE BRANCHES FOR SAFETY. THE PROJECT ARBORIST CAN HELP IDENTIFY WHERE PRUNING IS NECESSARY ONCE TREES RECOMMENDED FOR REMOVAL HAVE BEEN REMOVED AND THE SITE IS PREPARED FOR CONSTRUCTION. TREE REMOVAL AND PRUNING SHALL BE PERFORMED BY A QUALIFIED TREE SERVICE.
6. EXCAVATION AND ROOT PRUNING. EXCAVATION BENEATH PROTECTED TREE DRIPLINES SHALL BE AVOIDED IF ALTERNATIVES ARE AVAILABLE. IF EXCAVATION IS UNAVOIDABLE, THE PROJECT ARBORIST SHALL EVALUATE THE PROPOSED EXCAVATION TO DETERMINE METHODS TO MINIMIZE IMPACTS TO TREES. ROOT PRUNING SHALL BE DIRECTED AND DOCUMENTED BY THE PROJECT ARBORIST.
7. LANDSCAPING. FOLLOWING CONSTRUCTION AND WHERE LANDSCAPING IS DESIRED, APPLY APPROXIMATELY 3-INCHES OF MULCH BENEATH THE DRIPLINE OF PROTECTED TREES IN A MINIMUM 5-FOOT RADIUS AROUND TREE TRUNKS; DO NOT PILE MULCH DIRECTLY AGAINST TREE TRUNKS. SHRUBS AND GROUND COVER PLANTS MAY BE PLANTED WITHIN THE GRASS-FREE MULCH RINGS. IF IRRIGATION IS USED, USE DRIP IRRIGATION OR LOW FLOW EMITTERS INSTALLED AT NATIVE GRADE (NO TRENCHING) ONLY BENEATH THE DRIPLINES OF PROTECTED TREES. LANDSCAPING SHALL BE PERFORMED BY HAND AND WITH HAND TOOLS ONLY BENEATH PROTECTED TREE DRIPLINES; ADJUST THE LOCATION OF PLANTS TO AVOID TREE ROOT IMPACTS.
8. QUALITY ASSURANCE. A QUALIFIED ARBORIST SHOULD SUPERVISE PROPER EXECUTION OF THIS PLAN ON-CALL DURING CONSTRUCTION ACTIVITIES THAT COULD ENCROACH ON RETAINED TREES. TREE PROTECTION SITE INSPECTION MONITORING REPORTS SHOULD BE PROVIDED TO THE CLIENT AND CITY FOLLOWING EACH SITE VISIT PERFORMED DURING CONSTRUCTION.
9. REASSESSMENT. TREES THAT ARE RETAINED WITH SITE IMPROVEMENT WORK SHOULD BE REASSESSED IN TERMS OF FUTURE HOME PLANS; ADDITIONAL TREE REMOVAL OR ALTERNATIVE TREE PROTECTION MEASURES MAY BE NEEDED.

LEGEND

HISTORIC WHITE OAK TO REMAIN

HISTORIC WHITE OAK TO BE REMOVED

TREE #	SPECIES	DBH*	REMOVE
1283	OAK	12	
1356	FIR	18	
1357	FIR	18	
1365	FIR	20	
1376	FIR	14	
1433	FIR	10	
1439	BIRCH	12	
1441	BIRCH	12	
1521	PINE	18	
4592	WALNUT	32	REMOVE
4593	WALNUT	24	REMOVE
4612	FIR (x2)	14	
4615	FIR	12	
4616	FIR	14	
4617	FIR	14	
4618	PINE	14	
4619	FIR	16	
4622	FIR	14	
4624	FIR	16	
4625	FIR	18	
4628	FIR	16	
4629	FIR	22	
4630	FIR	16	
4633	FIR	18	
4634	FIR (x2)	22	
4635	FIR	20	
4638	DECD	14	
4639	FIR	14	
4642	FIR	16	REMOVE
4643	FIR	16	REMOVE
4644	FIR	14	REMOVE
4645	FIR	18	REMOVE
4646	FIR	12	REMOVE
4647	FIR	18	REMOVE
4648	FIR	14	REMOVE
4649	FIR	18	REMOVE
4650	FIR	18	REMOVE
4651	MADRONA	10	REMOVE
4652	WALNUT	28	REMOVE
4653	FIR	12	REMOVE
4654	FIR	16	REMOVE
4655	FIR	14	REMOVE
4656	FIR	14	REMOVE
4657	FIR	20	REMOVE
4658	FIR	18	REMOVE
4659	FIR	18	REMOVE
4660	FIR	12	REMOVE
4661	FIR	12	REMOVE
4662	FIR	14	REMOVE
4663	FIR	14	REMOVE
4664	FIR	18	REMOVE
4665	FIR	20	REMOVE
4666	FIR	14	REMOVE
4667	FIR	14	REMOVE
4668	FIR	14	REMOVE
4669	FIR	16	REMOVE
4670	FIR	14	REMOVE
4671	FIR	16	REMOVE
4672	FIR	10	REMOVE
4673	FIR	16	REMOVE
4674	FIR	16	REMOVE
4675	FIR	14	REMOVE
4676	FIR	14	REMOVE
4677	FIR	12	REMOVE
4678	FIR	18	REMOVE
4679	FIR	18	REMOVE
4680	FIR	24	REMOVE
4681	FIR	18	REMOVE
4682	FIR	12	REMOVE
4683	FIR	18	REMOVE
4684	FIR	12	REMOVE
4685	FIR	10	REMOVE
4686	FIR	10	REMOVE
4687	FIR	16	REMOVE
4688	FIR (x2)	12	REMOVE
4689	FIR	24	REMOVE
4690	MADRONA	10	REMOVE
4692	FIR	16	REMOVE
4697	FIR	10	
4703	FIR	20	REMOVE
4704	FIR	18	REMOVE
4705	FIR	12	
4706	FIR	16	REMOVE
4707	FIR	16	
4708	FIR	12	

TREE #	SPECIES	DBH*	REMOVE
4710	FIR	16	REMOVE
4711	FIR	18	REMOVE
5013	MADRONA	12	REMOVE
5022	FIR	16	
5023	FIR	32	
5024	FIR	18	REMOVE
5026	FIR	28	REMOVE
5027	FIR	16	REMOVE
5561	FIR	14	REMOVE
5565	MADRONA	10	REMOVE
5568	FIR	20	REMOVE
5569	FIR	16	REMOVE
5571	FIR	18	REMOVE
5572	FIR	20	REMOVE
5575	FIR	20	REMOVE
5576	FIR	20	REMOVE
5578	FIR	18	REMOVE
5579	FIR	16	REMOVE
5580	FIR	18	REMOVE
5581	FIR	16	REMOVE
5582	FIR	14	REMOVE
5583	FIR	10	REMOVE
5584	FIR	12	REMOVE
5585	FIR	16	REMOVE
5586	FIR	12	REMOVE
5588	FIR	16	REMOVE
5589	FIR	22	REMOVE
5591	FIR	14	REMOVE
5592	FIR	26	REMOVE
5593	FIR	20	REMOVE
5594	FIR	16	REMOVE
5595	FIR	10	REMOVE
5596	FIR	16	REMOVE
5597	FIR	16	REMOVE
5598	FIR	14	REMOVE
5599	FIR	18	REMOVE
5600	FIR	16	REMOVE
5601	FIR	16	REMOVE
5603	FIR	16	REMOVE
5604	FIR	18	REMOVE
5605	FIR	18	REMOVE
5606	FIR	18	REMOVE
5608	FIR	26	REMOVE
5609	FIR	10	REMOVE
5610	FIR	18	REMOVE
5611	FIR	20	REMOVE
5612	FIR	14	REMOVE
5613	FIR	10	REMOVE
5614	FIR	18	REMOVE
5615	FIR	18	REMOVE
5616	FIR	18	REMOVE
5617	FIR	16	REMOVE
5618	FIR	16	REMOVE
5620	FIR	16	REMOVE
5621	FIR	18	REMOVE
5622	FIR	18	REMOVE
5623	FIR	16	REMOVE
5624	FIR	14	REMOVE
5626	FIR	18	REMOVE
5627	FIR	16	REMOVE
5628	FIR	12	REMOVE
5629	FIR	12	REMOVE
5630	FIR	12	REMOVE
5631	CTNWD	28	REMOVE
5633	FIR	12	
5669	FIR	12	
5670	FIR	12	REMOVE
5671	PINE	10	REMOVE
5672	PINE	10	
5675	PINE	10	REMOVE
5676	FIR	14	REMOVE
5677	FIR	12	REMOVE

TREE #	SPECIES	DBH*	REMOVE
5683	PINE	10	REMOVE
5684	FIR	12	REMOVE
5686	FIR	10	REMOVE
5687	PINE	12	REMOVE
5689	FIR	12	REMOVE
5690	PINE	12	REMOVE
5692	FIR	10	REMOVE
5693	FIR	12	REMOVE
5695	PINE	14	REMOVE
5697	PINE	14	REMOVE
5699	PINE	12	REMOVE
5716	PINE	12	
5718	PINE	10	REMOVE
5719	FIR	12	REMOVE
5722	FIR	16	REMOVE
5725	PINE	12	REMOVE
5726	PINE	12	REMOVE
5727	PINE	10	REMOVE
5729	PINE	14	REMOVE
5731	PINE	10	REMOVE
5732	PINE	10	REMOVE
5733	PINE	10	REMOVE
5734	PINE	10	REMOVE
5735	PINE	10	REMOVE
5740	PINE	10	REMOVE
5743	PINE	10	REMOVE
5744	FIR	10	REMOVE
5748	FIR	10	REMOVE
5750	PINE	12	REMOVE
5754	MADRONA	10	REMOVE
5757	PINE	12	REMOVE
5759	PINE	12	REMOVE
5761	FIR	10	REMOVE
5762	FIR	10	REMOVE
5763	PINE	10	REMOVE
5766	PINE	12	REMOVE
5768	PINE	10	REMOVE
5770	FIR	10	REMOVE
5771	FIR	12	REMOVE
5772	FIR	10	REMOVE
5773	PINE	10	REMOVE
5778	FIR	10	REMOVE
5779	PINE	12	REMOVE
5781	PINE	10	REMOVE
5782	PINE	12	REMOVE
5783	FIR	10	REMOVE
5784	PINE	10	REMOVE
5785	FIR	10	REMOVE
5786	FIR	10	REMOVE
5794	PINE	10	REMOVE
5795	PINE	12	REMOVE

DBH* DIAMETER AT BREAST HEIGHT, INCHES.
INDICATES OFFSITE TREE, OR TREE NOT LOCATED WITHIN PROJECT AREA. NOT INCLUDED IN TREE PRESERVATION COUNT.

4540 PRINGLE RD SE
TAX MAP - 3000 & 3002
TAX MAP - 083W11BC
SW1/4 NW1/4 SEC11 T8S R3W W.M.
SALEM, OREGON

TREE PRESERVATION AND REMOVAL PLAN - NORTHEAST

REVISIONS

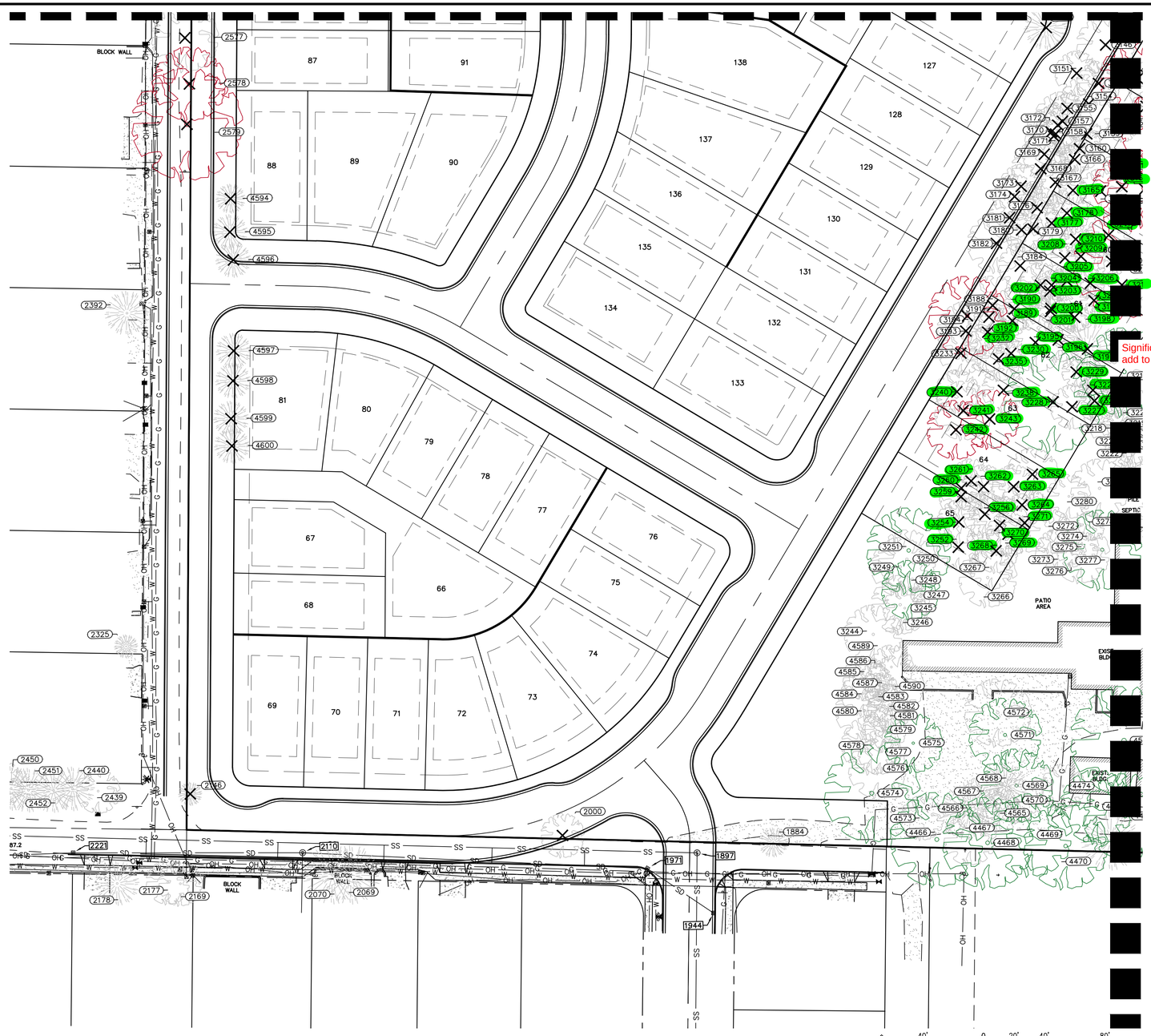
NO.	DATE	DESCRIPTION

EMERIO
ENGINEERING • SURVEYING • DESIGN
2667 WILLAKENZIE ROAD, SUITE 1A
EUGENE, OREGON 97401
TEL: (503) 746-8812
FAX: (503) 746-8998
www.emeriodesign.com

REGISTERED PROFESSIONAL ENGINEER
OREGON
JULY 13, 2018
ROY W. HAWKINS
PRELIMINARY NOT FOR CONSTRUCTION
EXPIRES: 6/30/2023

SHEET
P3.2
OF
32

FILE P: \0742-003 Meyer Farm\dwg\plan\Exhibits\Tree Assessment\0742-003_P3.2Prep, Layout: P3.2 - TREE PRESERVATION NE, Plot Date: 1/31/2022 3:17 PM, by: Roy Hawkins



TREE #	SPECIES	DBH*	REMOVE
1884	CEDAR	14	
2000	OAK	16	REMOVE
2069	FIR	36	
2070	FIR	32	
2146	FIR	16	REMOVE
2169	BIRCH	12	
2177	BIRCH	14	
2178	FIR	22	
2256	PINE	10	
2325	FIR	12	
2392	FIR	30	
2439	OAK	12	
2440	FIR	16	
2449	ALDER	16	
2450	FIR	16	
2451	FIR	16	
2452	FIR	16	
2577	OAK	23	
2578	OAK	25	Remove, ROW
2579	OAK	38	Remove, ROW
3146	OAK (x2)	18	REMOVE
3149	FIR	16	REMOVE
3151	OAK	14	REMOVE
3153	OAK (x2)	14	REMOVE
3154	OAK (x2)	18	REMOVE
3155	OAK	18	REMOVE
3157	OAK	18	REMOVE
3158	OAK	12	REMOVE
3159	OAK	10	REMOVE
3160	OAK	16	REMOVE
3161	OAK	12	
3162	OAK (x3)	32	REMOVE
3163	OAK	23	
3164	OAK (x2)	14	REMOVE
3165	OAK	12	REMOVE
3166	OAK	10	REMOVE
3167	OAK (x2)	14	REMOVE
3168	OAK (x2)	12	REMOVE
3169	OAK (x2)	10	REMOVE
3170	OAK	18	REMOVE
3171	OAK	10	REMOVE
3172	OAK	10	REMOVE
3173	OAK	10	REMOVE
3174	OAK	10	REMOVE
3176	OAK	12	REMOVE
3177	OAK	14	REMOVE
3178	OAK	16	REMOVE
3179	OAK (x2)	18	REMOVE
3180	OAK	12	REMOVE
3181	OAK (x2)	18	REMOVE
3182	OAK	18	REMOVE
3184	OAK	10	REMOVE
3188	OAK (x3)	12	REMOVE
3189	OAK	14	REMOVE
3190	OAK (x2)	10	REMOVE
3191	OAK	10	REMOVE
3192	OAK	14	REMOVE
3193	OAK (x3)	14	REMOVE
3194	OAK	27	REMOVE
3195	OAK (x2)	16	REMOVE
3196	OAK	14	REMOVE
3197	FIR	24	REMOVE
3198	OAK	12	REMOVE
3199	OAK	14	REMOVE
3200	OAK	10	REMOVE
3201	OAK	16	REMOVE
3202	OAK	12	REMOVE
3203	OAK	12	REMOVE
3204	OAK	14	REMOVE
3205	OAK	10	REMOVE
3206	OAK	14	REMOVE
3207	OAK	10	REMOVE
3208	OAK	14	REMOVE
3209	OAK	14	REMOVE
3210	OAK	12	REMOVE
3211	OAK	14	REMOVE
3212	OAK	12	REMOVE
3213	OAK	42	REMOVE
3214	OAK (x2)	16	REMOVE
3216	OAK	18	
3217	OAK	20	
3218	OAK	16	
3219	OAK	10	
3220	OAK	12	
3221	OAK	16	
3225	OAK	18	REMOVE

Significant per staff, add to list.

TREE #	SPECIES	DBH*	REMOVE
3226	OAK	12	REMOVE
3227	OAK (x2)	12	REMOVE
3228	OAK	34	REMOVE
3229	OAK	12	REMOVE
3230	OAK	10	REMOVE
3232	OAK	16	REMOVE
3233	OAK	12	REMOVE
3235	OAK (x2)	12	REMOVE
3238	OAK	16	REMOVE
3240	OAK	10	REMOVE
3241	OAK (x2)	16	REMOVE
3242	OAK (x3)	25	REMOVE
3243	OAK (x3)	24	REMOVE
3244	OAK (x5)	14	
3245	OAK	14	
3246	OAK (x2)	16	
3247	OAK	25	
3248	OAK	18	
3249	OAK (x2)	12	
3250	OAK	18	
3251	OAK	29	
3252	OAK	14	REMOVE
3254	OAK	10	REMOVE
3256	OAK	10	REMOVE
3259	OAK	12	REMOVE
3260	OAK	14	REMOVE
3261	OAK (x3)	12	REMOVE
3262	OAK	10	REMOVE
3263	OAK (x3)	10	REMOVE
3264	OAK	10	REMOVE
3265	OAK	16	REMOVE
3266	OAK	16	
3267	OAK	10	
3268	OAK	16	REMOVE
3269	OAK	10	REMOVE
3270	OAK	18	REMOVE
3271	OAK (x3)	12	REMOVE
3272	OAK (x2)	12	
3273	OAK	18	
3274	OAK	10	
3275	OAK (x2)	18	
3276	OAK	12	
3277	OAK	27	
3278	OAK	10	
3280	OAK	16	
3281	OAK (x2)	16	
4468	OAK	30	
4467	OAK	18	
4468	OAK	31	
4469	OAK	28	
4470	OAK	29	
4471	FIR	36	
4472	OAK	29	
4473	OAK	25	
4474	OAK	14	
4500	OAK	37	
4565	OAK	18	
4566	FIR	36	
4567	OAK	14	
4568	FIR	16	
4569	OAK	25	
4570	OAK	14	
4571	OAK	25	
4572	OAK	23	
4573	OAK	16	
4574	OAK	35	
4575	OAK	28	
4576	OAK	20	
4577	OAK	12	
4578	OAK	18	
4579	OAK	14	
4580	OAK	18	
4581	OAK	14	
4582	OAK	14	
4583	OAK	12	
4584	OAK	10	
4585	OAK	12	
4586	OAK	10	
4587	OAK	12	
4589	OAK (x2)	12	
4590	OAK (x2)	16	
4594	FIR	18	REMOVE
4595	FIR	18	REMOVE
4596	FIR	20	REMOVE
4597	FIR	22	REMOVE
4598	FIR	20	REMOVE
4599	FIR	18	REMOVE
4600	FIR	20	REMOVE

Significant tree.

TREE #	SPECIES	DBH*	REMOVE

DBH* DIAMETER AT BREAST HEIGHT, INCHES.

INDICATES OFFSITE TREE, OR TREE NOT LOCATED WITHIN PROJECT AREA. NOT INCLUDED IN TREE PRESERVATION COUNT.

INDICATES TREE LOCATED WITHIN AREA TO REMAIN. INCLUDED IN TREE PRESERVATION COUNT.

TREE PROTECTION SPECIFICATIONS

1. PRECONSTRUCTION CONFERENCE. PRIOR TO THE START OF CONSTRUCTION ACTIVITY, THE CONTRACTOR SHALL COORDINATE WITH THE PROJECT ARBORIST IN A TIMELY MANNER TO REVIEW THE TREE PROTECTION PLAN, VERIFY THAT TREES TO BE RETAINED ARE IDENTIFIED WITH NUMBERED TAGS ON THE GROUND, AND TO INSPECT AND VERIFY THE INSTALLATION OF TREE PROTECTION MEASURES.
2. FENCING. TREES TO REMAIN ON SITE SHALL BE PROTECTED BY INSTALLATION OF TREE PROTECTION FENCING AS DEPICTED ON SITE PLANS IN ORDER TO PREVENT INJURY TO TREE TRUNKS OR ROOTS, OR SOIL COMPACTION WITHIN THE ROOT PROTECTION AREA. FENCES SHALL BE A MINIMUM 6-FOOT HIGH 2-INCH CHAIN LINK MESH SECURED TO METAL POSTS DRIVEN INTO THE GROUND. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE PROJECT ARBORIST PRIOR TO OPENING, ADJUSTING OR REMOVING TREE PROTECTION FENCING.
3. TREE PROTECTION ZONE. WITHOUT AUTHORIZATION FROM THE PROJECT ARBORIST, NONE OF THE FOLLOWING SHALL OCCUR BENEATH THE DRIPLINE OF ANY PROTECTED TREE:
   a) GRADE CHANGE OR CUT AND FILL;
   b) NEW IMPERVIOUS SURFACES;
   c) UTILITY OR DRAINAGE FIELD PLACEMENT;
   d) STAGING OR STORAGE OF MATERIALS AND EQUIPMENT; OR
   e) VEHICLE MANEUVERING.

   THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE PROJECT ARBORIST IN A TIMELY MANNER PRIOR TO WORKING BENEATH PROTECTED TREE DRIPLINES. ROOT PROTECTION ZONES MAY BE ENTERED FOR TASKS LIKE SURVEYING, MEASURING AND SAMPLING. FENCES MUST BE CLOSED UPON COMPLETION OF THESE TASKS.
4. TREE AND STUMP REMOVAL. TREES TO BE REMOVED SHALL BE CLEARLY IDENTIFIED WITH TREE-MARKING PAINT OR OTHER METHODS APPROVED IN ADVANCE BY THE PROJECT ARBORIST. PROTECTION FENCING MAY BE TEMPORARILY OPENED IN TRACT B FOR REMOVAL OF TREES #6654 AND #6655, IN THE REAR OF LOT 3 FOR REMOVAL OF TREE #6248 AND #6375, IN THE REAR OF LOT 9 FOR REMOVAL OF TREE #50316 AND IN THE REAR OF LOT 10 FOR REMOVAL OF TREES #50398 AND #50399. WITHIN TREE PROTECTION ZONES, TREE REMOVAL SHALL BE PERFORMED WITH HAND TOOLS ONLY AND TREES SHALL BE DIRECTIONALLY FELLED OR SURGICALLY REMOVED TO AVOID DAMAGE TO REMAINING NEARBY TREES. THE STUMPS OF THESE PARTICULAR TREES SHALL REMAIN IN THE GROUND, BE REMOVED APPROXIMATELY 6-INCHES BELOW THE GROUND SURFACE USING A STUMP GRINDER, OR ELSE EXTRACTED FROM THE GROUND UNDER ARBORIST SUPERVISION.
5. PRUNING. PRUNING MAY BE NEEDED TO PROVIDE OVERHEAD CLEARANCE AND TO REMOVE DEAD AND DEFECTIVE BRANCHES FOR SAFETY. THE PROJECT ARBORIST CAN HELP IDENTIFY WHERE PRUNING IS NECESSARY ONCE TREES RECOMMENDED FOR REMOVAL HAVE BEEN REMOVED AND THE SITE IS PREPARED FOR CONSTRUCTION. TREE REMOVAL AND PRUNING SHALL BE PERFORMED BY A QUALIFIED TREE SERVICE.
6. EXCAVATION AND ROOT PRUNING. EXCAVATION BENEATH PROTECTED TREE DRIPLINES SHALL BE AVOIDED IF ALTERNATIVES ARE AVAILABLE. IF EXCAVATION IS UNAVOIDABLE, THE PROJECT ARBORIST SHALL EVALUATE THE PROPOSED EXCAVATION TO DETERMINE METHODS TO MINIMIZE IMPACTS TO TREES. ROOT PRUNING SHALL BE DIRECTED AND DOCUMENTED BY THE PROJECT ARBORIST.
7. LANDSCAPING. FOLLOWING CONSTRUCTION AND WHERE LANDSCAPING IS DESIRED, APPLY APPROXIMATELY 3-INCHES OF MULCH BENEATH THE DRIPLINE OF PROTECTED TREES IN A MINIMUM 5-FOOT RADIUS AROUND TREE TRUNKS. DO NOT PILE MULCH DIRECTLY AGAINST TREE TRUNKS. SHRUBS AND GROUND COVER PLANTS MAY BE PLANTED WITHIN THE GRASS-FREE MULCH RINGS. IF IRRIGATION IS USED, USE DRIP IRRIGATION OR LOW FLOW EMITTERS INSTALLED AT NATIVE GRADE (NO TRENCHING) ONLY BENEATH THE DRIPLINES OF PROTECTED TREES. LANDSCAPING SHALL BE PERFORMED BY HAND AND WITH HAND TOOLS ONLY BENEATH PROTECTED TREE DRIPLINES; ADJUST THE LOCATION OF PLANTS TO AVOID TREE ROOT IMPACTS.
8. QUALITY ASSURANCE. A QUALIFIED ARBORIST SHOULD SUPERVISE PROPER EXECUTION OF THIS PLAN ON-CALL DURING CONSTRUCTION ACTIVITIES THAT COULD ENCROACH ON RETAINED TREES. TREE PROTECTION SITE INSPECTION MONITORING REPORTS SHOULD BE PROVIDED TO THE CLIENT AND CITY FOLLOWING EACH SITE VISIT PERFORMED DURING CONSTRUCTION.
9. REASSESSMENT. TREES THAT ARE RETAINED WITH SITE IMPROVEMENT WORK SHOULD BE REASSESSED IN TERMS OF FUTURE HOME PLANS; ADDITIONAL TREE REMOVAL OR ALTERNATIVE TREE PROTECTION MEASURES MAY BE NEEDED.

LEGEND

HISTORIC WHITE OAK TO REMAIN

HISTORIC WHITE OAK TO BE REMOVED

PLANNING ACTION
APPROVED SUBJECT TO DEVELOPMENT REQUIREMENTS NOTED ON PLANS.

Date and Signature of Planner
06/27/2022 12:25:01 PM

Green highlight = Tree to be saved

TREE PRESERVATION AND REMOVAL PLAN - SOUTHWEST

4540 PRINGLE RD SE
TAX MAP - 3000 & 3002
TAX MAP - 083W11BC
SW1/4 NW1/4 SEC11 T8S R3W W.M.
SALEM, OREGON

REVISIONS

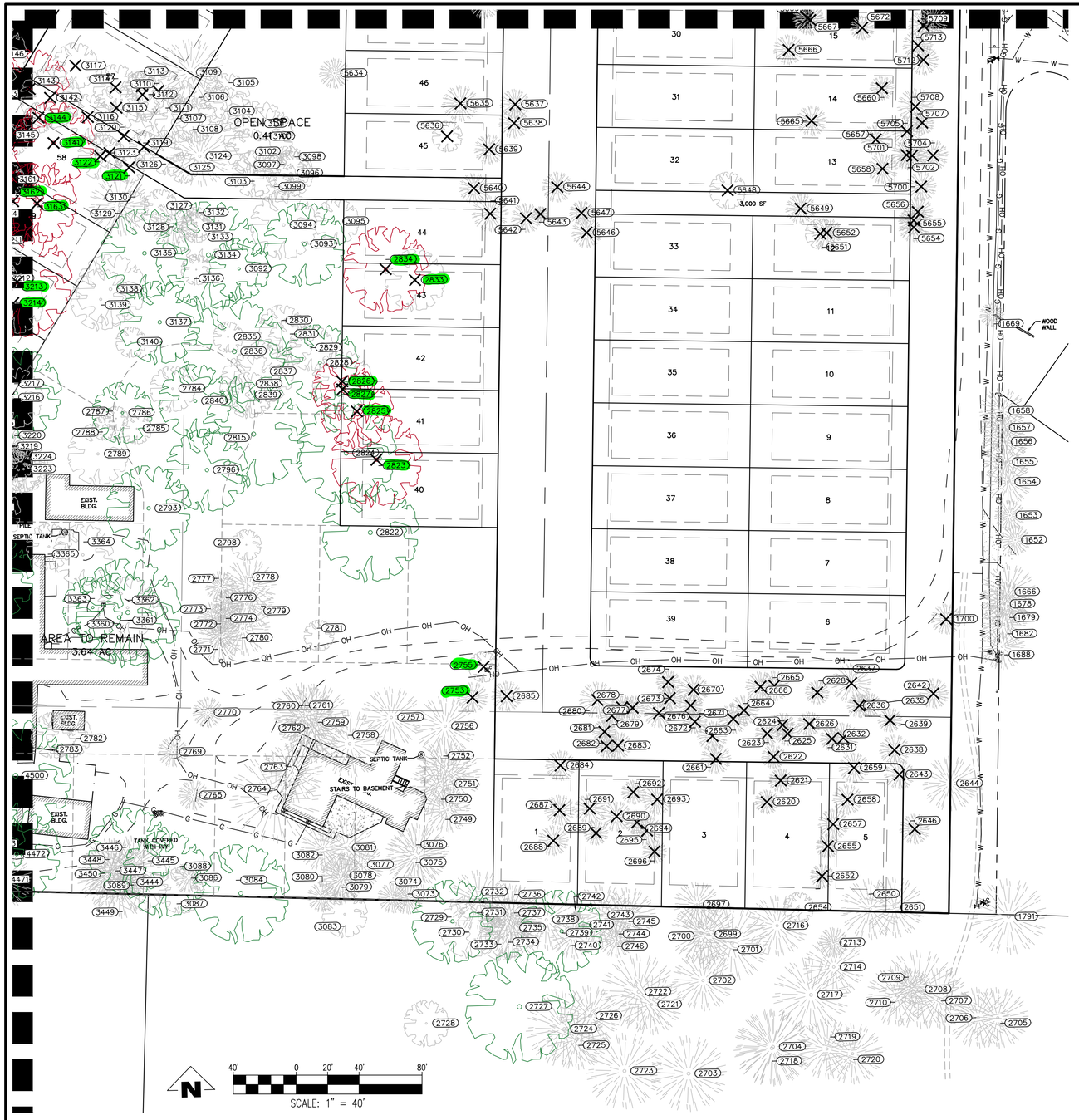
NO.	DATE	DESCRIPTION

EMERIO
ENGINEERING • SURVEYING • DESIGN
2667 WILLAMENZIE ROAD, SUITE 1A
EUGENE, OREGON 97401
TEL: (503) 746-8812
FAX: (503) 465-6992
www.emeriodesign.com

REGISTERED PROFESSIONAL ENGINEER
OREGON
JANUARY 9, 2008
ROY HAWKINS
PRELIMINARY NOT FOR CONSTRUCTION
EXPIRES: 6/30/2023

SHEET
P3.3
OF
32

FILE P: \0742-003 Meyer Farm \dwg \plan \Exhibits \Tree Assessment \0742-003_P3.3trep, Layout: P3.3 - TREE PRESERVATION SW, Plot Date: 1/31/2022 3:19 PM, by: Roy Hawkins



TREE PROTECTION SPECIFICATIONS

1. PRECONSTRUCTION CONFERENCE. PRIOR TO THE START OF CONSTRUCTION ACTIVITY, THE CONTRACTOR SHALL COORDINATE WITH THE PROJECT ARBORIST IN A TIMELY MANNER TO REVIEW THE TREE PROTECTION PLAN, VERIFY THAT TREES TO BE RETAINED ARE IDENTIFIED WITH NUMBERED TAGS ON THE GROUND, AND TO INSPECT AND VERIFY THE INSTALLATION OF TREE PROTECTION MEASURES.
2. FENCING. TREES TO REMAIN ON SITE SHALL BE PROTECTED BY INSTALLATION OF TREE PROTECTION FENCING AS DEPICTED ON SITE PLANS IN ORDER TO PREVENT INJURY TO TREE TRUNKS OR ROOTS, OR SOIL COMPACTION WITHIN THE ROOT PROTECTION AREA. FENCES SHALL BE A MINIMUM 6-FOOT HIGH 2-INCH CHAIN LINK MESH SECURED TO METAL POSTS DRIVEN INTO THE GROUND. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE PROJECT ARBORIST PRIOR TO OPENING, ADJUSTING OR REMOVING TREE PROTECTION FENCING.
3. TREE PROTECTION ZONE. WITHOUT AUTHORIZATION FROM THE PROJECT ARBORIST, NONE OF THE FOLLOWING SHALL OCCUR BENEATH THE DRIPLINE OF ANY PROTECTED TREE:
   a) GRADE CHANGE OR CUT AND FILL;
   b) NEW IMPERVIOUS SURFACES;
   c) UTILITY OR DRAINAGE FIELD PLACEMENT;
   d) STAGING OR STORAGE OF MATERIALS AND EQUIPMENT; OR
   e) VEHICLE MANEUVERING.

   THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE PROJECT ARBORIST IN A TIMELY MANNER PRIOR TO WORKING BENEATH PROTECTED TREE DRIPLINES. ROOT PROTECTION ZONES MAY BE ENTERED FOR TASKS LIKE SURVEYING, MEASURING AND SAMPLING. FENCES MUST BE CLOSED UPON COMPLETION OF THESE TASKS.
4. TREE AND STUMP REMOVAL. TREES TO BE REMOVED SHALL BE CLEARLY IDENTIFIED WITH TREE-MARKING PAINT OR OTHER METHODS APPROVED IN ADVANCE BY THE PROJECT ARBORIST. PROTECTION FENCING MAY BE TEMPORARILY OPENED IN TRACT B FOR REMOVAL OF TREES #6654 AND #6655, IN THE REAR OF LOT 3 FOR REMOVAL OF TREE #6248 AND #6375, IN THE REAR OF LOT 9 FOR REMOVAL OF TREE #50316 AND IN THE REAR OF LOT 10 FOR REMOVAL OF TREES #50398 AND #50399. WITHIN TREE PROTECTION ZONES, TREE REMOVAL SHALL BE PERFORMED WITH HAND TOOLS ONLY AND TREES SHALL BE DIRECTIONALLY FELLED OR SURGICALLY REMOVED TO AVOID DAMAGE TO REMAINING NEARBY TREES. THE STUMPS OF THESE PARTICULAR TREES SHALL REMAIN IN THE GROUND, BE REMOVED APPROXIMATELY 6-INCHES BELOW THE GROUND SURFACE USING A STUMP GRINDER, OR ELSE EXTRACTED FROM THE GROUND UNDER ARBORIST SUPERVISION.
5. PRUNING. PRUNING MAY BE NEEDED TO PROVIDE OVERHEAD CLEARANCE AND TO REMOVE DEAD AND DEFECTIVE BRANCHES FOR SAFETY. THE PROJECT ARBORIST CAN HELP IDENTIFY WHERE PRUNING IS NECESSARY ONCE TREES RECOMMENDED FOR REMOVAL HAVE BEEN REMOVED AND THE SITE IS PREPARED FOR CONSTRUCTION. TREE REMOVAL AND PRUNING SHALL BE PERFORMED BY A QUALIFIED TREE SERVICE.
6. EXCAVATION AND ROOT PRUNING. EXCAVATION BENEATH PROTECTED TREE DRIPLINES SHALL BE AVOIDED IF ALTERNATIVES ARE AVAILABLE. IF EXCAVATION IS UNAVOIDABLE, THE PROJECT ARBORIST SHALL EVALUATE THE PROPOSED EXCAVATION TO DETERMINE METHODS TO MINIMIZE IMPACTS TO TREES. ROOT PRUNING SHALL BE DIRECTED AND DOCUMENTED BY THE PROJECT ARBORIST.
7. LANDSCAPING. FOLLOWING CONSTRUCTION AND WHERE LANDSCAPING IS DESIRED, APPLY APPROXIMATELY 3-INCHES OF MULCH BENEATH THE DRIPLINE OF PROTECTED TREES IN A MINIMUM 5-FOOT RADIUS AROUND TREE TRUNKS; DO NOT PILE MULCH DIRECTLY AGAINST TREE TRUNKS. SHRUBS AND GROUND COVER PLANTS MAY BE PLANTED WITHIN THE GRASS-FREE MULCH RINGS. IF IRRIGATION IS USED, USE DRIP IRRIGATION OR LOW FLOW EMITTERS INSTALLED AT NATIVE GRADE (NO TRENCHING) ONLY BENEATH THE DRIPLINES OF PROTECTED TREES. LANDSCAPING SHALL BE PERFORMED BY HAND AND WITH HAND TOOLS ONLY BENEATH PROTECTED TREE DRIPLINES; ADJUST THE LOCATION OF PLANTS TO AVOID TREE ROOT IMPACTS.
8. QUALITY ASSURANCE. A QUALIFIED ARBORIST SHOULD SUPERVISE PROPER EXECUTION OF THIS PLAN ON-CALL DURING CONSTRUCTION ACTIVITIES THAT COULD ENCROACH ON RETAINED TREES. TREE PROTECTION SITE INSPECTION MONITORING REPORTS SHOULD BE PROVIDED TO THE CLIENT AND CITY FOLLOWING EACH SITE VISIT PERFORMED DURING CONSTRUCTION.
9. REASSESSMENT. TREES THAT ARE RETAINED WITH SITE IMPROVEMENT WORK SHOULD BE REASSESSED IN TERMS OF FUTURE HOME PLANS; ADDITIONAL TREE REMOVAL OR ALTERNATIVE TREE PROTECTION MEASURES MAY BE NEEDED.

LEGEND

HISTORIC WHITE OAK TO REMAIN

HISTORIC WHITE OAK TO BE REMOVED

TREE #	SPECIES	DBH*	REMOVE
1652	FIR	16	
1653	FIR	18	
1654	FIR	18	
1655	FIR	16	
1656	FIR	16	
1657	FIR	14	
1658	FIR	22	
1666	FIR	20	
1669	CEDAR	10	
1678	FIR	12	
1679	FIR	14	
1682	FIR	16	
1688	FIR	18	
1700	PINE	12	REMOVE
1791	FIR	36	
2620	PINE	12	REMOVE
2621	PINE	12	REMOVE
2622	PINE	10	REMOVE
2623	PINE	12	REMOVE
2624	PINE	10	REMOVE
2625	PINE	10	REMOVE
2626	PINE	12	REMOVE
2628	PINE	16	REMOVE
2631	PINE	12	REMOVE
2632	PINE	13	REMOVE
2635	PINE	12	REMOVE
2636	PINE	12	REMOVE
2637	PINE	16	REMOVE
2638	PINE	16	REMOVE
2639	PINE	10	REMOVE
2642	PINE	12	REMOVE
2643	PINE	14	REMOVE
2644	FIR	32	
2646	PINE	18	REMOVE
2650	FIR	28	
2651	FIR	28	
2652	PINE	12	REMOVE
2654	OAK (x2)	15	
2655	PINE	11	REMOVE
2657	PINE	18	REMOVE
2658	PINE	12	REMOVE
2659	PINE	12	REMOVE
2661	PINE	12	REMOVE
2663	PINE	12	REMOVE
2664	PINE	12	REMOVE
2665	PINE	13	REMOVE
2666	PINE	13	REMOVE
2670	PINE	18	REMOVE
2671	PINE	10	REMOVE
2672	PINE	10	REMOVE
2673	PINE	10	REMOVE
2674	PINE	16	REMOVE
2676	PINE	14	REMOVE
2677	PINE	11	REMOVE
2678	PINE	12	REMOVE
2679	PINE	10	REMOVE
2680	PINE	18	REMOVE
2681	PINE	10	REMOVE
2682	PINE	12	REMOVE
2683	PINE	14	REMOVE
2684	PINE	16	REMOVE
2685	PINE	18	REMOVE
2687	PINE	14	REMOVE
2688	PINE	18	REMOVE
2689	PINE	12	REMOVE
2690	PINE	16	REMOVE
2691	PINE	12	REMOVE
2692	PINE	10	REMOVE
2693	PINE	14	REMOVE
2694	PINE	10	REMOVE
2695	PINE	16	REMOVE
2696	PINE	10	REMOVE
2697	FIR	18	

TREE #	SPECIES	DBH*	REMOVE
2699	FIR	22	
2700	FIR	34	
2701	FIR	48	
2702	FIR	28	
2703	FIR	24	
2704	FIR	42	
2705	FIR	28	
2706	FIR	28	
2707	FIR	26	
2708	FIR	40	
2709	FIR	14	
2710	FIR	32	
2713	FIR	12	
2714	FIR	28	
2716	FIR	28	
2717	FIR	32	
2718	FIR	40	
2719	FIR	28	
2720	FIR	28	
2721	FIR	32	
2722	FIR	44	
2723	FIR	40	
2724	FIR	48	
2725	FIR	22	
2726	FIR	24	
2727	OAK	38	
2728	OAK	16	
2729	OAK	24	
2730	OAK	18	
2731	OAK	12	
2732	FIR	30	
2733	OAK	14	
2734	OAK	14	
2735	FIR	30	
2736	FIR	18	
2737	FIR	14	
2738	FIR	30	
2739	OAK	24	
2740	FIR	22	
2741	FIR	12	
2742	FIR	12	
2743	FIR	28	
2744	FIR	24	
2745	FIR	23	
2746	FIR	14	
2749	FIR	18	
2750	FIR	30	
2751	FIR	32	
2752	FIR	24	
2753	PINE	14	REMOVE
2755	DECD	10	REMOVE
2756	FIR	40	
2757	FIR	32	
2758	FIR	32	
2759	FIR	32	
2760	FIR	30	
2761	FIR	16	
2762	FIR	22	
2763	FIR	36	
2764	FIR	52	
2765	PINE	12	
2769	FIR	22	
2770	PINE	16	
2771	FIR	16	
2772	FIR	14	
2773	FIR	16	
2774	FIR	10	
2776	FIR	12	
2777	FIR	12	
2778	FIR	26	
2779	FIR	26	
2780	FIR	30	
2781	BIRCH	12	
2782	OAK	14	
2783	OAK (x3)	14	
2784	OAK	18	
2785	OAK	10	
2786	OAK	24	
2787	OAK	10	
2788	OAK	10	
2789	OAK	18	
2793	OAK	26	
2796	OAK	27	
2798	DECD	14	
2815	OAK	34	
2822	OAK	50	
2823	OAK	32	REMOVE
2824	OAK	33	
2825	OAK	24	REMOVE
2826	OAK (x3)	16	REMOVE
2827	OAK (x2)	37	REMOVE
2828	OAK	25	
2829	OAK	18	
2830	OAK	18	
2831	OAK	18	

TREE #	SPECIES	DBH*	REMOVE
2833	OAK (x2)	16	REMOVE
2834	OAK	28	REMOVE
2835	OAK	10	
2836	OAK	24	
2837	OAK	18	
2838	OAK (x3)	18	
2839	OAK (x2)	12	
2840	OAK	24	
3073	FIR	14	
3074	FIR	14	
3075	FIR	36	
3076	FIR	26	
3077	FIR	24	
3078	FIR	24	
3079	FIR	24	
3080	FIR	15	
3081	FIR	26	
3082	FIR	22	
3083	WALNUT	10	
3084	OAK	32	
3086	FIR	10	
3087	OAK	17	
3088	OAK	28	
3089	OAK (x2)	16	
3092	OAK (x2)	25	
3093	OAK	21	
3094	OAK	22	
3095	OAK (x3)	14	
3096	OAK	14	
3097	OAK	10	
3098	OAK	10	
3099	OAK (x2)	12	
3100	OAK	23	
3101	OAK	12	
3102	OAK (x2)	16	
3103	OAK (x2)	12	
3104	OAK	12	
3105	OAK	16	
3106	OAK (x2)	18	
3107	OAK	12	
3108	OAK	12	
3109	FIR	28	
3110	OAK (x2)	14	REMOVE
3111	OAK	14	
3112	OAK	10	REMOVE
3113	OAK	10	REMOVE
3114	OAK	14	REMOVE
3115	OAK	16	REMOVE
3116	OAK (x2)	16	REMOVE
3117	OAK	16	REMOVE
3119	OAK	12	REMOVE
3120	OAK	18	REMOVE
3121	OAK	12	REMOVE
3122	OAK	14	REMOVE
3123	OAK	10	REMOVE
3124	FIR	30	
3125	OAK	14	
3126	OAK	12	
3127	OAK	12	
3128	FIR	20	
3129	FIR	36	
3130	OAK	12	
3131	OAK	12	
3132	OAK	12	
3133	OAK	18	
3134	OAK (x2)	25	
3135	OAK	29	
3136	OAK	14	
3137	OAK	27	
3138	OAK (x2)	23	
3139	OAK	18	
3140	OAK	14	
3141	OAK	27	REMOVE
3142	OAK	20	
3143	OAK	26	REMOVE
3144	OAK	10	REMOVE
3145	OAK	12	REMOVE
3222	OAK	12	
3223	OAK	14	
3224	OAK	18	
3360	OAK	29	
3361	OAK	35	
3362	OAK	18	
3363	OAK (x2)	27	
3364	OAK (x2)	18	
3365	OAK (x2)	12	
3444	FIR	16	
3445	FIR	24	
3446	OAK	28	
3447	FIR	24	
3448	FIR	20	
3449	FIR	22	
3450	FIR	36	
5634	FIR	16	
5635	FIR	14	REMOVE

TREE #	SPECIES	DBH*	REMOVE
5636	MADRONA	10	REMOVE
5637	FIR (x2)	14	REMOVE
5638	FIR	16	REMOVE
5639	FIR	14	REMOVE
5640	FIR (x2)	16	REMOVE
5641	FIR	26	REMOVE
5642	FIR	18	REMOVE
5643	FIR	16	REMOVE
5644	FIR	16	REMOVE
5646	FIR	14	REMOVE
5647	FIR	16	REMOVE
5648	CTNWD	18	REMOVE
5649	PINE	10	REMOVE
5651	MADRONA	12	REMOVE
5652	PINE	14	REMOVE
5654	PINE	12	REMOVE
5655	PINE	10	REMOVE
5656	PINE	10	REMOVE
5657	PINE	12	REMOVE
5658	PINE	12	REMOVE
5660	PINE	10	REMOVE
5665	PINE	10	REMOVE
5666	PINE	10	REMOVE
5667	PINE	12	REMOVE
5669	FIR	12	REMOVE
5700	PINE	12	REMOVE
5701	FIR	14	REMOVE
5702	PINE	10	REMOVE
5704	PINE	10	REMOVE
5705	PINE	10	REMOVE
5707	PINE	10	REMOVE
5708	PINE	16	REMOVE
5709	FIR	10	REMOVE
5712	PINE	12	REMOVE
5713	PINE	12	REMOVE

DBH* DIAMETER AT BREAST HEIGHT, INCHES.

INDICATES OFFSITE TREE, OR TREE NOT LOCATED WITHIN PROJECT AREA. NOT INCLUDED IN TREE PRESERVATION COUNT.

INDICATES TREE LOCATED WITHIN AREA TO REMAIN. INCLUDED IN TREE PRESERVATION COUNT.

PLANNING ACTION
APPROVED SUBJECT TO DEVELOPMENT REQUIREMENTS NOTED ON PLANS.

Date and Signature of Planner
06/27/2022 12:25:18 PM

Green highlight = Tree to be saved

Significant tree per staff.

4540 PRINGLE RD SE
TAX MAP - 3000 & 3002
TAX MAP - 083W11BC
SW1/4 NW1/4 SEC11 T8S R3W W.M.
SALEM, OREGON

TREE PRESERVATION AND REMOVAL PLAN - SOUTHEAST

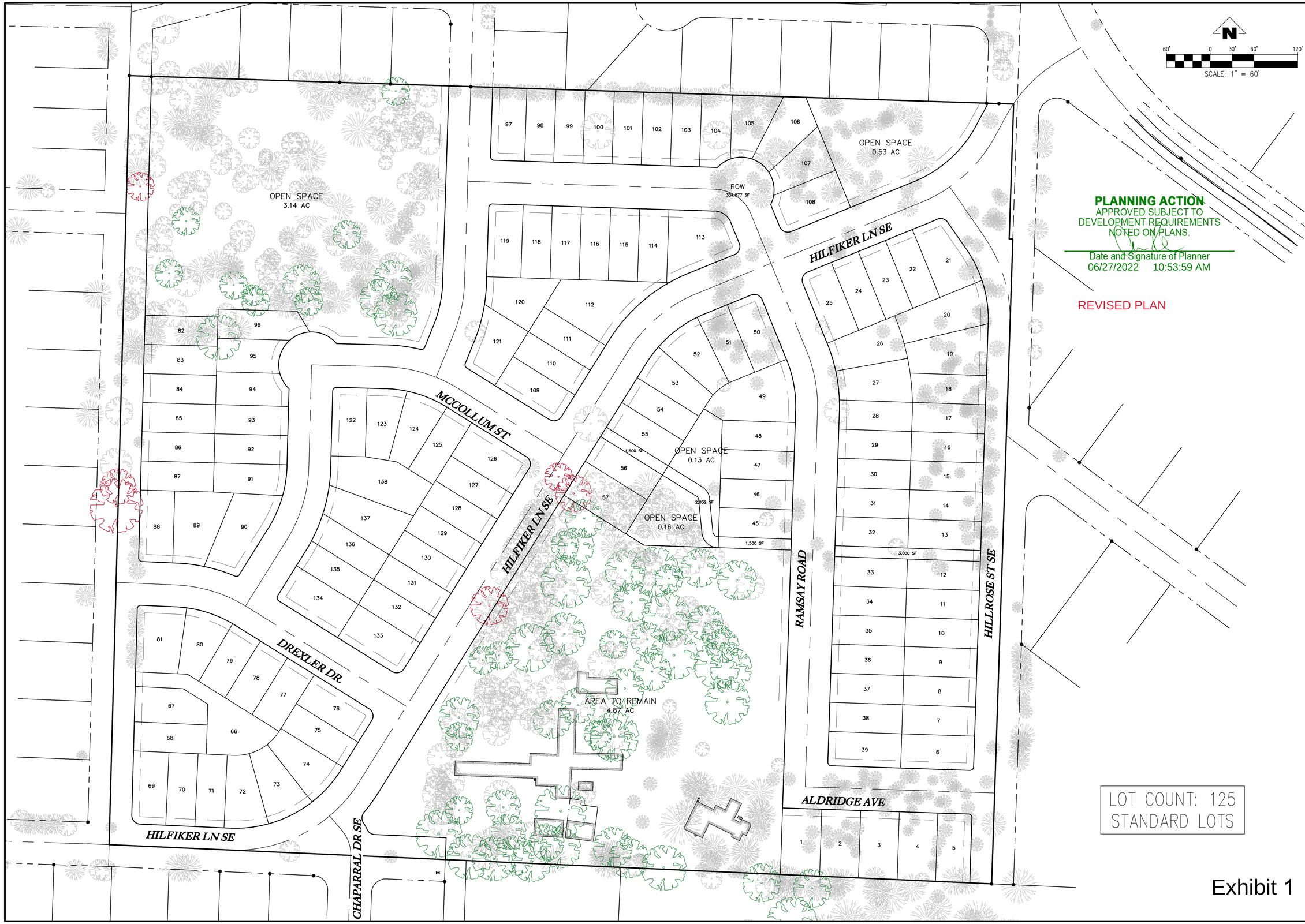
REVISIONS

NO.	DATE	DESCRIPTION

EMERIO
ENGINEERING • SURVEYING • DESIGN
6445 SW FALLBROOK PLACE, SUITE 100 BEAVERTON, OREGON 97008
PH: (503) 946-9460
FAX: (503) 946-9461
www.emeriodesign.com

REGISTERED PROFESSIONAL ENGINEER
OREGON
JULY 13, 2010
ROY HAWKINS
PRELIMINARY NOT FOR CONSTRUCTION
EXPIRES: 6/30/2023

SHEET
P3.4
OF
32



PLANNING ACTION
APPROVED SUBJECT TO
DEVELOPMENT REQUIREMENTS
NOTED ON PLANS.

Date and Signature of Planner
06/27/2022 10:53:59 AM

REVISED PLAN

LOT COUNT: 125
STANDARD LOTS

Exhibit 1

4540 PRINGLE RD SE
TAX MAP - 3000 & 3002
TAX MAP - 083W11BC
SW1/4 NW1/4 SEC11 T8S R3W W.M.
SALEM, OREGON

TENTATIVE PLAT PH1

REVISIONS

NO.	DATE	DESCRIPTION

EMERIO
ENGINEERING • SURVEYING • DESIGN
1500 VALLEY RIVER DRIVE, SUITE 100
EUGENE, OREGON 97401
TEL: (503) 746-8812
FAX: (503) 639-9592
www.emeriodesign.com

REGISTERED PROFESSIONAL ENGINEER
PRELIMINARY NOT FOR CONSTRUCTION
ROYCE H. HANKINS
EXPIRES: 6/30/2023

SHEET
11
OF
74

FILE:P:\0883-004 Meyer Farm - Salem\dwg\civ\EXHIBITS\20220304 - Revised Lot Layout\20220304 - Meyer Farm - Revised Original Lot Layout, Layout: 11 TENTATIVE PLAT PH1, Plot Date: 3/8/2022 12:40 PM, by: Ian Feltis