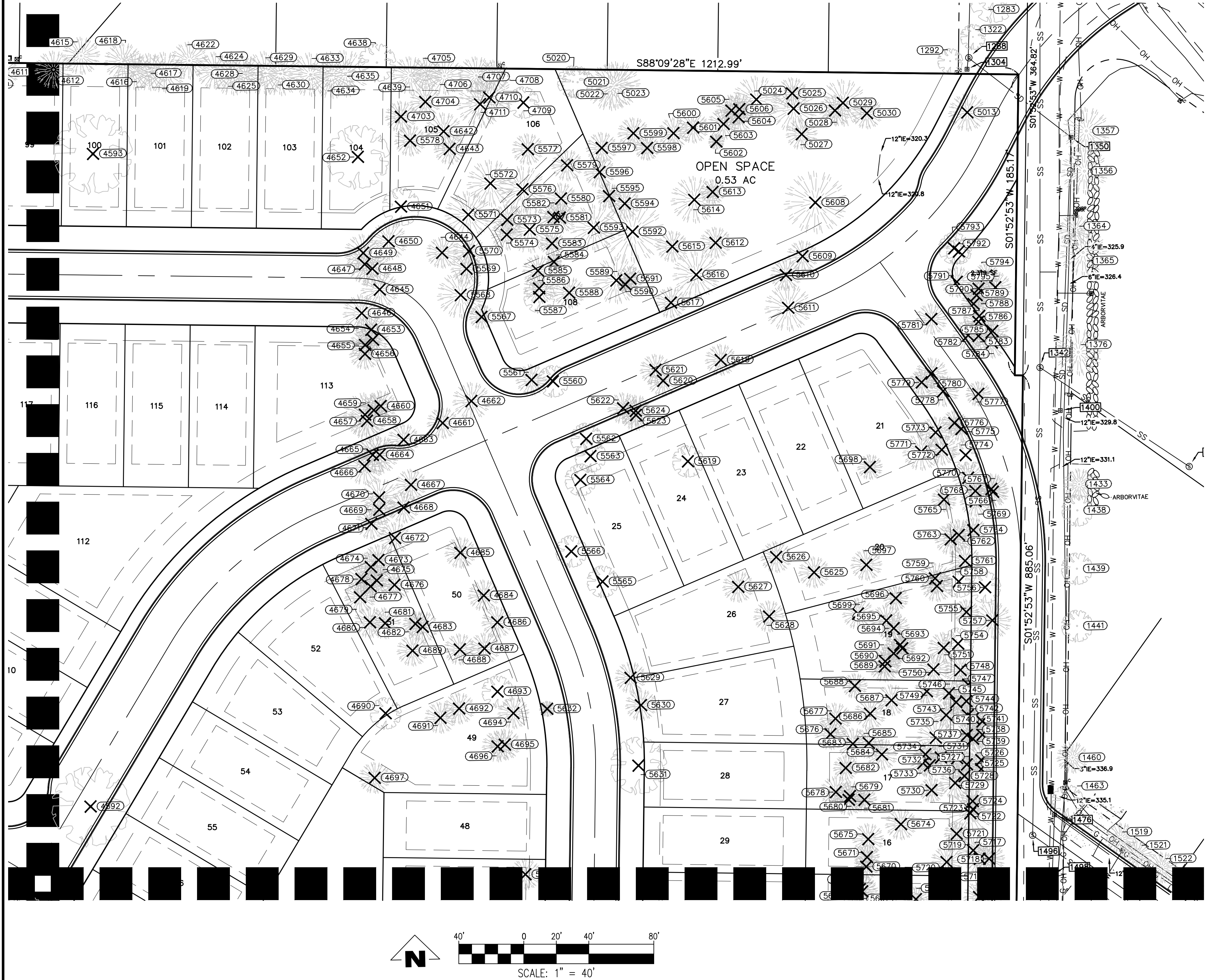




TREE PROTECTION SPECIFICATIONS

- 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.
- 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.
- TREE PROTECTION ZONE. WITHOUT AUTHORIZATION FROM THE PROJECT ARBORIST, NONE OF THE FOLLOWING SHALL OCCUR BENEATH THE DRIPLINE OF ANY PROTECTED TREE:
 - GRADE CHANGE OR CUT AND FILL;
 - NEW IMPERVIOUS SURFACES;
 - UTILITY OR DRAINAGE FIELD PLACEMENT;
 - STAGING OR STORAGE OF MATERIALS AND EQUIPMENT; OR
 - VEHICLE MANEUVERING.
- 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 8 FOR REMOVAL OF TREES #6654 AND #6655, IN THE REAR OF LOT 3 FOR REMOVAL OF TREE #6248 AND #6373, IN THE REAR OF LOT 9 FOR REMOVAL OF TREE #6036 AND IN THE REAR OF LOT 10 FOR REMOVAL OF TREES #6038 AND #6039. 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.

- 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.
- 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.
- 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.
- QUALITY ASSURANCE. A QUALIFIED ARBORIST SHOULD SUPERVISE PROPER EXECUTION OF THIS PLAN ON-CALL DURING CONSTRUCTION ACTIVITIES THAT COULD ENDROACH ON RETAINED TREES. TREE PROTECTION SITE INSPECTION MONITORING REPORTS SHOULD BE PROVIDED TO THE CLIENT AND CITY FOLLOWING EACH SITE VISIT PERFORMED DURING CONSTRUCTION.
- REASSESSMENT. TREES THAT ARE RETAINED WITH SITE IMPROVEMENT WORK SHOULD BE REASSESSSED IN TERMS OF FUTURE HOME PLANS; ADDITIONAL TREE REMOVAL OR ALTERNATIVE TREE PROTECTION MEASURES MAY BE NEEDED.

CONDITION

- GOOD
- FAIR
- POOR
- VERY POOR

TREE #	SPECIES	DBH+	REMOVE
1283	OAK	12	
1284	OAK	8	
1292	BIRCH	8	
1322	BIRCH	8	
1356	FIR	18	
1357	FIR	18	
1364	PINE	8	
1365	FIR	20	
1376	FIR	14	
1433	FIR	10	
1438	BIRCH	6	
1439	BIRCH	12	
1441	BIRCH	12	
1460	FIR	8	
1463	BIRCH	6	
1519	FIR	8	
1521	PINE	18	
1522	PINE	8	
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
4691	FIR	8	
4692	FIR	16	REMOVE
4693	MADRONA	8	REMOVE
4694	FIR	8	REMOVE
4695	FIR	8	REMOVE
4696	FIR	8	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	
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TREE #	SPECIES	DBH+	REMOVE
4710	FIR	16	REMOVE
4711	FIR	18	REMOVE
5013	MADRONA	12	REMOVE
5020	MADRONA	8	
5021	MADRONA	8	
5022	FIR	16	
5023	FIR	32	
5024	FIR	18	REMOVE
5025	FIR	8	REMOVE
5026	FIR	28	REMOVE
5027	FIR	16	REMOVE
5028	FIR	18	REMOVE
5029	FIR	20	REMOVE
5030	FIR	8	REMOVE
5560	MADRONA	8	REMOVE
5561	FIR	14	REMOVE
5562	MADRONA	8	REMOVE
5563	MADRONA	8	REMOVE
5564	MADRONA	8	REMOVE
5565	MADRONA	10	REMOVE
5566	MADRONA	8	REMOVE
5567	FIR	8	REMOVE
5568	FIR	20	REMOVE
5569	FIR	16	REMOVE
5570	FIR	8	REMOVE
5571	FIR	18	REMOVE
5572	FIR	20	REMOVE
5573	FIR	8	REMOVE
5574	FIR	8	REMOVE
5575	FIR	20	REMOVE
5576	FIR	20	REMOVE
5577	FIR	8	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
5587	MADRONA	8	REMOVE
5588	FIR	16	REMOVE
5589	FIR	22	REMOVE
5590	FIR	8	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
5602	FIR	8	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
5619	MADRONA	8	REMOVE
5620	FIR	16	REMOVE
5621	FIR	18	REMOVE
5622	FIR	18	REMOVE
5623	FIR	16	REMOVE
5624	FIR	14	REMOVE
5625	FIR	8	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
5632	FIR	8	REMOVE
5633	FIR	12	
5639	FIR	12	
5670	FIR	12	REMOVE
5671	PINE	10	REMOVE
5672	PINE	10	
5673	MADRONA	8	
5674	FIR	8	REMOVE
5675	PINE	10	REMOVE
5676	FIR	14	REMOVE
5677	FIR	12	REMOVE
5678	FIR	16	REMOVE
5679	FIR	10	REMOVE
5680	FIR	8	REMOVE
5681	FIR	8	REMOVE