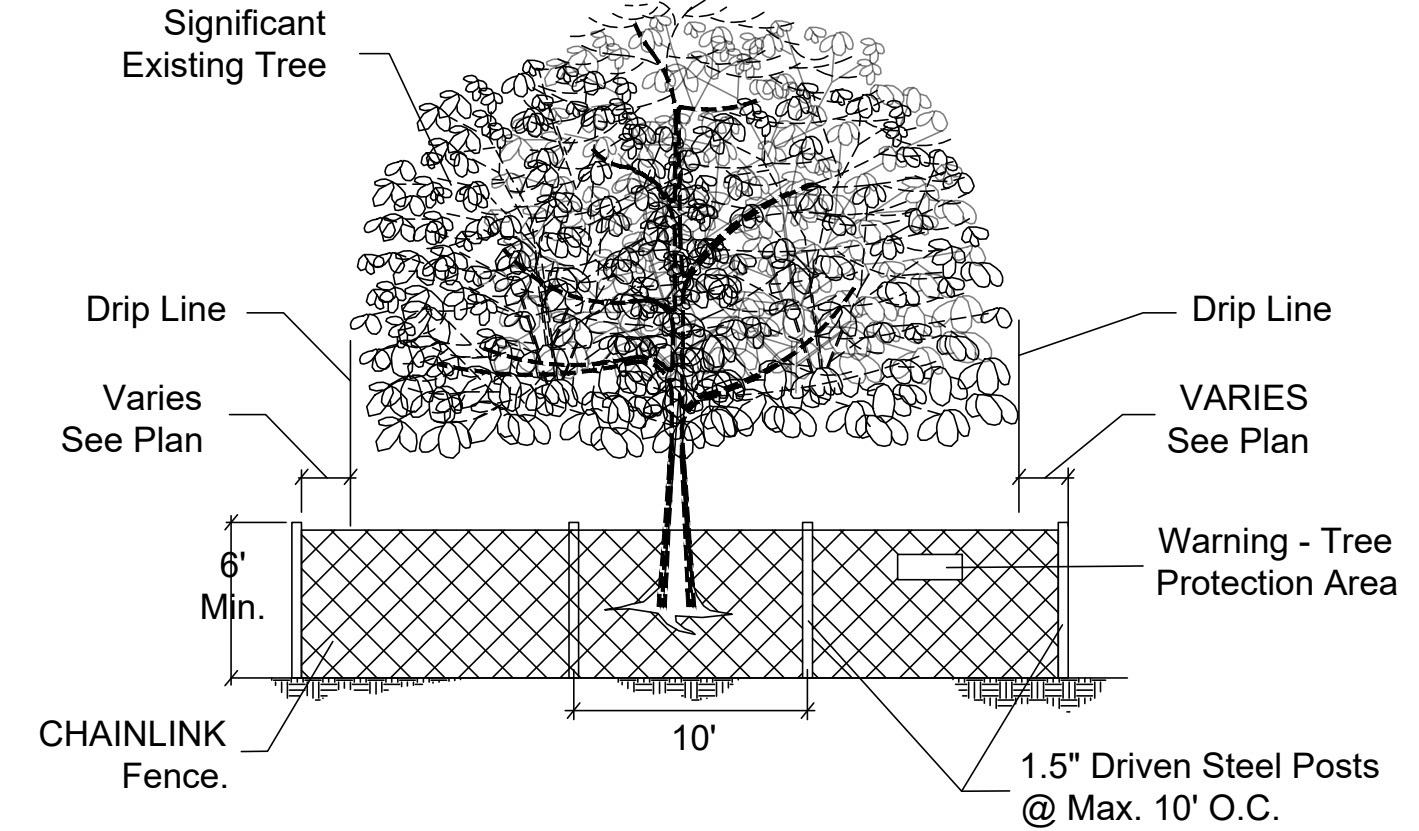
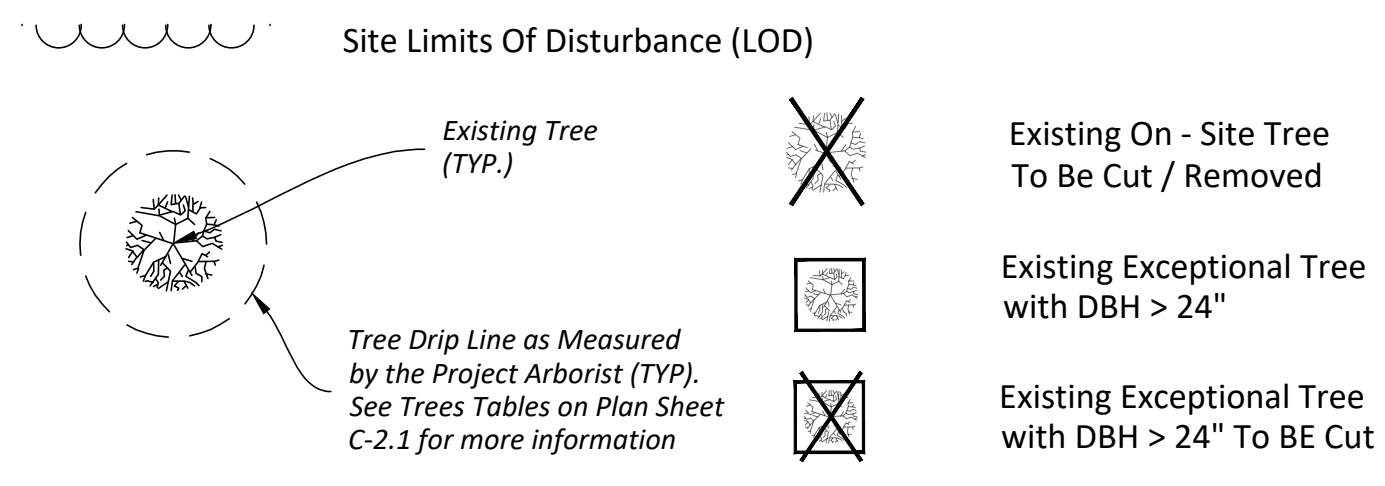


- LEGEND:**
- = POWER POLE
  - = GUY POLE
  - = GUY ANCHOR
  - = OVERHEAD POWER
  - ⊗ = FIRE HYDRANT
  - ⊗ = WATER VALVE
  - ⊗ = WATER METER
  - = WATER LINE (PAINTED LOCATION)
  - = UNDERGROUND COMMUNICATION (PAINTED LOCATION)
  - TV = TELEVISION RISER
  - = UNDERGROUND TELEVISION (PAINTED LOCATION)
  - ⊗ = CATCH BASIN
  - = STORM DRAIN LINE/ CULVERT
  - ⊗ = GAS VALVE
  - = UNDERGROUND GAS LINE (PAINTED LOCATION)
  - SMH = SEWER MANHOLE
  - = SEWER LINE
  - MB = MAIL BOX
  - = EVERGREEN TREE
  - = DECIDUOUS TREE
  - = WOOD BOARD FENCE LINE
  - = FOG LINE (LANE STRIPE)
  - = DITCH LINE
  - = GRADE BREAK
  - = EDGE OF PAVEMENT/CURB LINE
  - = CONCRETE
  - = CONCRETE PAVERS
  - = GRAVEL
  - ⊗ = TBM = 60D SPIKE IN POWER POLE ELEV = 361.47 (NAVD 1988)



**Tree Protection Detail**  
N.T.S.

- NOTES:**
- MINIMUM SIX (6) FOOT HIGH TEMPORARY CHAINLINK FENCE SHALL BE PLACED AT DISTANCE OF GENERALLY TWO (2) FEET OUTSIDE THE DRIP LINE OF THE SIGNIFICANT TREE(S). FENCE SHALL COMPLETELY ENCIRCLE TREE(S). INSTALL POSTS USING 1.5-INCH STEEL POSTS DRIVEN 2- FEET INTO THE GROUND.
  - MOVABLE BARRIERS OF CHAIN LINK FENCING SECURED TO THE CEMENT BLOCKS MAY BE SUBSTITUTED FOR "FIXED" FENCING IF THE PROJECT ARBORIST AND CITY STAFF AGREE THAT THE FENCING WILL HAVE TO BE MOVED TO ACCOMMODATE CERTAIN PHASES OF THE CONSTRUCTION. MODIFICATIONS TO FENCING MATERIAL AND LOCATION MUST BE APPROVED BY PLANNING OFFICIAL AND PROJECT ARBORIST.
  - THE FENCING CAN BE MOVED WITHIN THE DRIP LINE OF THE TREE IF AUTHORIZED BY THE CLEARING AND GRADING INSPECTOR AND THE PROJECT ARBORIST BUT NOT CLOSER THAN 2' FROM THE TRUNK OF THE TREE. ONLY EXCAVATION BY HAND OR COMPRESSED AIR SHALL BE ALLOWED WITHIN THE DRIP LINE OF THE TREES. MACHINE TRENCHING SHALL BE ALLOWED.
  - TREATMENT OF ROOTS EXPOSED DURING CONSTRUCTION: FOR ROOTS OVER TWO (2) INCH IN DIAMETER DAMAGED DURING CONSTRUCTION, MAKE A CLEAN STRAIGHT CUT TO REMOVE DAMAGED PORTION OF THE ROOT. ALL EXPOSED ROOTS SHALL BE TEMPORARY COVERED WITH DAMP BURLAP TO PREVENT DRYING AND COVERED WITH SOIL AS SOON AS POSSIBLE.
  - NO STOCKING OF MATERIALS, VEHICULAR TRAFFIC, OR STORAGE OF EQUIPMENT OR MACHINERY SHALL BE ALLOWED WITHIN THE LIMIT OF THE FENCING. WORK WITHIN PROTECTION FENCE SHALL BE DONE MANUALLY UNDER THE SUPERVISION OF THE ON-SITE ARBORIST AND WITH PRIOR APPROVAL BY THE CITY PLANNING OFFICIAL.
  - FENCING SIGNAGE AS DETAILED ABOVE MUST BE POSTED EVERY FIFTEEN ALONG THE FENCE. THE SIGN SHALL BE MINIMUM OF 8.5-INCHES BY 11-INCHES.



<b>Project 4833 MI_4 - Lot Short Plat</b>  <b>Trees Protection Plan</b>	<b>PACIFIC LAND ENGINEERING</b> <small>Civil Engineering, Development Services, Land Use Consulting, Inspection Services, Expert Witness          Bellevue, WA - www.pacificlandeng.com          info@pacificlandeng.com (425) 475-8100</small>	<b>MATEW S. HAIDER</b> <small>STATE OF WASHINGTON</small> <b>REGISTERED ENGINEER</b> <small>36034</small>	Revisions <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>No.</th> <th>Date</th> <th>By</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	No.	Date	By			
No.	Date	By							
Plan Plotted For: <b>Initial Submittal</b>		Date: 11/01/2022 STAMP IS NOT VALID UNLESS SIGNED AND DATED							
Job Number: 220520 - PLE - 2211		DWG Date: 11/01/2022							
Sheet No. <b>C - 3.0</b> OF <b>C - 6.0</b>		Call 48 HOURS BEFORE YOU DIG <b>811</b> Call 800.424.5555							

Trees Assessment Table																			
Site: Homelink Capital, 4833 - 90th Ave SE, Mercer Island, WA																		Date: 4/20/2022	
Tag #	Tree #	Species	Common	Scientific	DBH (inches)	Crown Height (feet)	Directional				Root Zone/Other Radius (feet)	Root Zone/Other Radius (feet)	Vigor	Structure	Viable	Large Registered	Exceptional	Comments	
							N	S	E	W									
On Site																			
570	3	Bigleaf maple	Acer macrophyllum	22.5	90	50	22	30	22	20	24	12	Good	Good	Yes			Sweep North	
571	4	Douglas-fir	Pseudotsuga menziesii	41.5	115	40	18	22	18	20	20	10	Good	Fair	Yes				
760	5	Pacific madrone	Arbutus menziesii	14.6	70	30	12	10	0	24	12	6	Good	Good	Yes				
755	6	W. red cedar	Thuja plicata	0	0	0	0	0	0	0	0	0	0	0	0			Cut down	
762	7	Bigleaf maple	Acer macrophyllum	7.5	40	20	0	15	11	6	5	4	Fair	Fair	No			Leans, broken top	
763	8	Bigleaf maple	Acer macrophyllum	12.1	50	20	0	18	0	18	9	4	Poor	Poor	No			Asymmetric, leans south	
767	9	Bigleaf maple	Acer macrophyllum	20.9	50	20	0	14	0	28	11	5	Poor	Good	No			Hollow, top out	
788	10	Black cottonwood	Populus trichocarpa	28.7	100	40	36	30	26	36	32	16	Good	Good	Yes			ivy	
778	11	Pacific madrone	Arbutus menziesii	11.8	40	10	2	4	0	0	3	1	Fair	Poor	No			Top out, small crown, minor decay	
786	12	Pacific madrone	Arbutus menziesii	18.8	80	30	0	6	6	11	5	Fair	Fair	No			Dying, dead limbs		
787	13	Bigleaf maple	Acer macrophyllum	18.5	75	60	20	14	24	22	20	10	Good	Fair	Yes			Two codominants fused at 4.8'-small codom decay	
788	14	Bigleaf maple	Acer macrophyllum	0	0	0	0	0	0	0	0	0	0	0	0			Cut down	
789	15	Bigleaf maple	Acer macrophyllum	14.5	40	10	6	4	4	4	5	2	Poor	Fair	No			Dying, dead limbs	
836	16	Douglas-fir	Pseudotsuga menziesii	17.5	30	14	17	8	18	14	7	7	Fair	Poor	No			Topped for utilities, overhangs Island Crest	
788	18	Pacific madrone	Arbutus menziesii	20.1	45	20	6	8	12	12	10	5	Fair	Fair	Yes			ivy	
849	19*	Bigleaf maple	Acer macrophyllum	19.6	55	60	8	20	4	22	14	7	Good	Good	Yes				
850	20*	Holly	Ilex sp.	12.7	40	60	16	16	18	16	16	8	Good	Good	Yes				
851	21*	Bigleaf maple	Acer macrophyllum	21.2	50	30	30	8	4	4	12	6	Good	Fair	Yes				
742	22	Red alder	Alnus rubra	12.2	50	40	8	24	0	24	14	7	Poor	Fair	No			Adjacent to snag, decay, dying	
602	23	Red alder	Alnus rubra	0	0	0	0	0	0	0	0	0	0	0	0			Cut down	
603	24	W. red cedar	Thuja plicata	23.5	55	100	16	16	16	16	16	8	Good	Good	Yes				
604	25*	Bigleaf maple	Acer macrophyllum	19.6	55	70	20	20	20	18	20	10	Good	Good	Yes				
628	26	Douglas-fir	Pseudotsuga menziesii	36.6	125	80	26	26	26	26	26	13	Good	Good	Yes				
854	27*	Bigleaf maple	Acer macrophyllum	32.9	90	60	28	28	34	30	30	15	Good	Good	Yes				
855	28	W. red cedar	Thuja plicata	39.1	80	90	24	24	24	24	24	12	Fair	Good	Yes				
847	29	Pacific madrone	Arbutus menziesii	10.4	50	20	24	6	18	0	12	6	Fair	Fair	No			Thin crown	
846	30*	Bigleaf maple	Acer macrophyllum	20.0	70	40	24	18	16	16	19	9	Good	Good	Yes			Pruned for utility lines	
844	31	Douglas-fir	Pseudotsuga menziesii	15.5	25	40	14	14	14	14	14	7	Good	Fair	Yes			Topped for utility lines	
856	32*	Bigleaf maple	Acer macrophyllum	28.3	90	60	18	30	28	28	26	13	Good	Fair	Yes			Sucker codominant	
634	33	Pacific madrone	Arbutus menziesii	28.1	80	60	12	35	0	40	22	11	Good	Good	Yes			Leans west	
633	34	Bigleaf maple	Acer macrophyllum	25.1	80	30	14	18	0	25	14	7	Fair	Fair	Yes			Smaller codominant is dead	
631	35*	Bigleaf maple	Acer macrophyllum	31.8	80	40	28	32	20	26	27	13	Fair	Poor	No			Perched on nurse stump, brittle cedar fungus	
632	36	Deodora cedar	Cedrus deodora	19.4	90	80	7	16	16	16	14	7	Good	Good	Yes				
855	37	Bigleaf maple	Acer macrophyllum	17.6	90	30	30	20	6	28	21	11	Good	Good	Yes				
881	38	Bigleaf maple	Acer macrophyllum	7.1	40	20	0	16	16	0	8	4	Good	Good	Yes				
866	39*	Bigleaf maple	Acer macrophyllum	21.2	60	20	14	6	6	6	8	4	Fair	Good	No			Pruned for utility lines, low crown ratio	
885	40	Pacific madrone	Arbutus menziesii	7.5	20	30	12	2	0	10	6	3	Good	Fair	Yes			Hangs over Island Crest	
886	41	Pacific madrone	Arbutus menziesii	10.9	20	30	16	0	6	16	10	5	Good	Fair	Yes			Topped for utilities	
867	42	Pacific madrone	Arbutus menziesii	6.5	20	20	6	0	0	16	6	3	Good	Fair	Yes			Topped for utilities	
867	43	Pacific madrone	Arbutus menziesii	9.6	20	30	2	6	2	10	5	3	Good	Fair	Yes			Topped for utilities	
890	47*	Pacific madrone	Arbutus menziesii	10.3	20	20	6	5	0	12	6	3	Poor	Poor	No			Topped for utilities, low crown ratio	
888	49	Bigleaf maple	Acer macrophyllum	18.7	80	40	18	26	12	18	19	9	Good	Good	Yes				
883	50	Douglas-fir	Pseudotsuga menziesii	26.1	85	30	14	14	14	14	14	7	Good	Good	Yes				
888	51	Bigleaf maple	Acer macrophyllum	11.1	35	10	1	0	0	0	0	0	Poor	Fair	No			Low crown ratio	
882	52*	Bigleaf maple	Acer macrophyllum	21.9	80	40	23	28	28	8	21	11	Good	Good	Yes				
888	54*	Pacific madrone	Arbutus menziesii	13.9	80	60	16	8	8	8	10	5	Good	Good	Yes				
855	55	Bigleaf maple	Acer macrophyllum	32.0	80	70	20	24	20	29	23	12	Good	Good	Yes				
637	56*	Bigleaf maple	Acer macrophyllum	36.9	80	70	25	30	25	25	26	13	Fair	Fair	Yes			ivy	
891	57	Dogwood	Cornus florida	8.4	18	50	8	9	9	9	9	5	Good	Good	Yes			10% dead limbs	
1001	58	Scoulers Willow	Salix scouleriana	8.5	35	20	0	6	3	3	3	2	Poor	Poor	No			ivy, top broken out	
1002	59	Scoulers Willow	Salix scouleriana	9.2	35	40	5	8	15	0	7	4	Poor	Poor	No			ivy, split butt, leans over utilities	
1004	61	Bigleaf maple	Acer macrophyllum	8.5	16	10	0	3	0	0	1	0	Poor	Poor	No			Stem broken	
1005	62	Bitter cherry	Prunus emarginata	8.5	45	50	12	12	12	12	12	6	Good	Good	Yes				
1006	63	Pacific madrone	Arbutus menziesii	25.2	90	70	0	36	28	10	19	9	Good	Good	Yes				
1007	64	Pacific madrone	Arbutus menziesii	8.5	26	20	4	3	24	0	8	4	Poor	Poor	No			Dying, 30% dead limbs	
1008	65	Common Hawthorn	Crataegus laevigata	6.1	18	90	10	12	10	8	10	5	Good	Good	Yes				
1009	66	Bitter cherry	Prunus emarginata	10.1	45	40	16	8	6	12	11	5	Fair	Fair	No			20% dead limbs	
1010	67	Bigleaf maple	Acer macrophyllum	15.6	80	30	0	12	0	34	12	6	Good	Fair	Yes				
1011	68	Pacific madrone	Arbutus menziesii	18.1	80	20	22	0	0	14	9	5	Fair	Good	Yes			Low crown ratio	
1012	69	Bitter cherry	Prunus emarginata	14.8	80	60	18	16	20	8	16	8	Good	Good	Yes				
Off Site																			
566	1	Bigleaf maple	Acer macrophyllum	15.4	60	20	10	3	0	16	7	4	Good	Good	Yes			Asymmetric	
566	2	Bigleaf maple	Acer macrophyllum	25.5	60	60	36	18	36	22	28	14	Good	Fair	Yes			Leans northeast	
837	17	Bigleaf maple	Acer macrophyllum	8.4	22	30	3	14	10	12	10	5	Good	Poor	No			Topped for utilities, overhangs Island Crest	
964	44	Pacific madrone	Arbutus menziesii	5.0	20	20	4	2	0	8	4	2	Fair	Fair	Yes			Topped for utilities	
956	45	Pacific madrone	Arbutus menziesii	7.2	25	20	8	4	0	8	5	3	Good	Fair	Yes			Topped for utilities	
965	46	W. red cedar	Thuja plicata	5.0	22	70	4	5	2	6	4	2	Good	Good	Yes				
891	48	Douglas-fir	Pseudotsuga menziesii	6.8	18	20	6	6	6	4	6	3	Poor	Poor	No			Topped for utilities, low crown ratio	
708	53	Douglas-fir	Pseudotsuga menziesii	15.0	75	50	16	10	6	10	6	3	Good	Fair	Yes			Sweep	
1003	60	Bigleaf maple	Acer macrophyllum	10.5	70	30	0	16	16	0	8	4	Good	Fair	Yes				

**NOTE**

This Trees Assessment Table is included in Arborist Report dated April 20th, 2022 prepared by licensed Arborist Thomas Hanson of ARBOR INFO LLC. Please Refer to Full Version Of This Report Included With The Application Submittal.

Table - A			
Existing Unregulated Trees (less than 10" DBH)			Trees in Poor Conditions
Tag #	Tree #	DBH	
762	7	7.5"	
881	38	7.1"	
885	40	7.5"	
867	42	6.5"	
887	43	9.6"	
755	6	10"	X
991	57	6.4"	
1001	58	9.5"	X
1002	59	9.2"	X
1004	61	8.5"	X
1005	62	8.5"	
1007	64	8.5"	X
1008	65	6.1"	
837	17	8.4"	
964	44	5.0"	
965	45	7.2"	
966	46	5.0"	
891	48	6.8"	X
868	51	11.1"	X
890	47	10.3"	X
742	22	12.2"	X
836	16	17.5"	X
789	15	14.5"	X
778	11	11.9"	X
767	9	12.9"	X
763	8	12.1"	X
<b>Total = 26 Tree</b>			

Table - B				
Existing Vialbe Trees To Be Removed				
Regulated ( BDH > 10") and in Fair / Good Condition				
Tag #	Tree #	DBH	Condition	Exceptional
604	25	19.6"	GOOD	
603	24	23.5"	GOOD	
628	26	38.6"	GOOD	X
631	35	31.6"	FAIR	X
633	34	25.1"	FAIR	X
634	33	28.1"	GOOD	X
632	36	19.4"	GOOD	
635	55	32.0"	GOOD	X
786	12	18.9"	FAIR	
787	13	19.5"	GOOD	
1010	67	15.6"	GOOD	
1006	63	25.2"	GOOD	X
851	21	21.2"	GOOD	
850	20	12.7"	GOOD	
849	19	19.6"	GOOD	
854	27	32.9"	GOOD	X
844	31	15.5"	GOOD	
847	29	10.4"	FAIR	
846	30	20.0"	GOOD	
855	28	39.1"	GOOD	X
856	32	28.3"	GOOD	X
865	37	17.6"	GOOD	
882	52	21.9"	GOOD	
898	54	13.9"	GOOD	
<b>Total Viable Trees to Be Removed = 24 Tree</b>				

Table - C			
Existing Exceptional Trees (DBH > 24")			
Tag #	Tree #	DBH	Exceptional Trees To Remain
571	4	41.5"	X
768	10	28.7"	X
628	26	38.6"	
854	27	32.9"	
855	28	39.1"	
856	32	28.3"	
634	33	28.1"	
633	34		