

Proposed Underground Geothermal Field

NOTE:
PROPOSED GEOTHERMAL FIELD IS WELL BELOW GRADE AND THEREFORE WILL HAVE NO ADVERSE IMPACT ON EXISTING TREES

Proposed Stormwater Detention Basin With Native Plantings

Proposed Multi-Use Green

Proposed Short Camp Practice Area

Proposed Clubhouse FFE = 647,50

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TREE PRESERVATION NOTES:

1. ANY EXISTING TREES TO BE RETAINED SHALL BE PROTECTED FROM SOIL COMPACTION AND OTHER DAMAGES THAT MAY OCCUR DURING CONSTRUCTION ACTIVITIES BY ERECTING FENCING AROUND SUCH MATERIALS AT THE DRIP LINE OF THE PROTECTED TREE.
2. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INITIATING PLANTING OPERATIONS. THE CONTRACTOR SHALL REPAIR/ REPLACE AND UTILITY, PAVING, CURBING, ETC., WHICH IS DAMAGED DURING PLANTING AND TREE REMOVAL OPERATIONS.
3. REFER TO PLAT OF SURVEY FOR LEGAL DESCRIPTION, BOUNDARY DIMENSIONS AND EXISTING CONDITIONS.
4. CONTRACTORS MUST VERIFY ALL QUANTITIES AND OBTAIN ALL PROPER PERMITS AND LICENSES FROM THE PROPER AUTHORITIES.
5. LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR UNSEEN SITE CONDITIONS.
6. REMOVE ALL DEAD AND DISEASED PLANT MATERIAL FROM SITE AND DISPOSE OF PROPERLY.
7. PRUNE AND FERTILIZE ALL EXISTING VEGETATION TO REMAIN ON SITE.
8. TREE SYMBOL SHOWN WITHOUT NOTATION AND WITHOUT AN "X" INDICATE EXISTING TREE TO REMAIN.
9. TREE SYMBOL WITH NOTATION AND AN "X" INDICATES EXISTING TREE TO BE REMOVED.

ESTIMATED TREE FEE: (Of Trees Proposed To Be Removed)

- ✖ \$0 - \$2,500
- ✖ \$2,500 - \$5,000
- ✖ \$5,000 - \$15,000
- ✖ \$15,000 - \$30,000
- ✖ \$30,000 - \$60,000
- ✖ > \$60,000

EXISTING TREE INVENTORY:

Tag No.	Botanical Name	Common Name	Size	Cond.	Form Problems	Injury/Disease	Comments	Co-Leaders at DBH
801	Acer saccharum	Sugar Maple	25	3	1 multiple leader, suckering			
802	Rubus occidentalis	Rubus	25	3	3 basal decay, minor deadwood, suckering			
803	Salix nigra	Black Willow	17	5	4 side limbs, damaged leader, decay, multiple leaders, suckering, minor deadwood, broken limbs		Defect # 185	Formed at 2' with 12", 8", 4.5" co-leaders
804	Salix nigra	Black Willow	15	5	1 damaged leader, decay, suckering, double leader decay			Formed at 4' with 25", 7" co-leaders
805	Salix nigra	Black Willow	21	5	3 basal decay, damaged leader, suckering, multiple leaders			
806	Rhamnus caroliniana	Common (European) Buckhorn	7	3	1 suckering, minor deadwood			
807	Rhamnus caroliniana	Common (European) Buckhorn	6	3	1 suckering, minor deadwood			Formed at 2' with 7", 2" co-leaders
808	Rhamnus caroliniana	Common (European) Buckhorn	6	3	1 suckering, minor deadwood			Formed at base with 6", 2", 1", 1" co-leaders
809	Rhamnus caroliniana	Common (European) Buckhorn	5	3	1 minor deadwood, suckering, side limb			Formed at base with 4", 4", 4" co-leaders
810	Gleditsia tricanthos	Common Honeylocust	5	3	4 light decay, bite from truck, suckering, trunk scar, side limbs			Formed at base with 5", 5", 4", 2" co-leaders
811	Gleditsia tricanthos	Common Honeylocust	21	3	3 minor deadwood, suckering, side limb, decay, suckering, multiple leaders, side limbs, minor deadwood, decay for side areas, one-sided			
812	Gleditsia tricanthos	Common Honeylocust	17	3	1 one-sided, side limbs, pruned for side limbs, multiple leaders, weak crown, minor deadwood			
813	Acer glaberrimus	Norway Maple	15	4	1 decay, weak crown, multiple leaders, minor deadwood, splitting trunk scar, decay, side limbs, pruned side limbs			
814	Thuja occidentalis	Arborvitae	11	4	1 1" trunk scar, side limbs		Comments: no insect problems	Formed at 2' with 9", 7" co-leaders
815	Thuja occidentalis	Arborvitae	10	3	1 minor deadwood, minor insect, stable cut, upper limb		Defect # 186	
816	Quercus rubra	Northern Red Oak	34	3	1 minor deadwood, epicormics, weak crown, multiple leaders		Defect # 186	
817	Acer x freemanii	Freeman Maple	9.75	3	3 weak crown, multiple leaders			
818	Acer x freemanii	Freeman Maple	10	3	3 weak crown, multiple leaders			
819	Acer x freemanii	Freeman Maple	11	4	3 weak crown, multiple leaders, basal decay, grinding cut			
820	Acer x freemanii	Freeman Maple	14	4	3 weak crown, multiple leaders, basal decay, basal cut, grinding cut			
821	Springer vicia	Japanese Tree Lilac	16.75	3	1 one-sided basal scar, suckering, weak crown			
822	Springer vicia	Japanese Tree Lilac	16.75	3	3 suckering, weak crown, multiple leaders			
823	Springer vicia	Japanese Tree Lilac	17	3	1 suckering			2 top leaders removed at base
824	Callery pear	Callery Pear	6	3	1 suckering, multiple leaders			
825	Callery pear	Callery Pear	5.5	3	3 multiple leaders, suckering			
826	Malus spp.	Crabapple	4	3	1 suckering, branch scar, previously stubbed base			Formed at 2' with 7", 1", 2" co-leaders
827	Malus spp.	Crabapple	6.5	3	3 multiple leaders, suckering, branch scars			Defect # 188
828	Malus spp.	Crabapple	6.5	3	3 multiple leaders, minor deadwood, branch scars			Formed at 3' with 6.5" co-leaders
829	Malus spp.	Crabapple	6.5	4	1 multiple leaders, branch scars, minor deadwood, woodborer damage			Defect # 180
830	Gleditsia tricanthos	Common Honeylocust	21	4	1 one-sided, multiple leaders, decay, fungal fruiting bodies at base, moderate deadwood, basal decay, side limbs, pruned for side limbs			
831	Gleditsia tricanthos	Common Honeylocust	22	5	1 one-sided, multiple leaders, suckering, multiple leaders			Defect # 182
832	Malus spp.	Crabapple	15.75	3	3 weak crown, multiple leaders, multiple leaders			
833	Malus spp.	Crabapple	15.75	3	3 weak crown, multiple leaders, suckering, surface rot			
834	Acer rubrum	Norway Maple	8.25	5	5 trunk scar, one-sided, double leader, trunk scar, basal decay, woodborer damage		carrier, borers	Defect # 185
835	Acer rubrum	Norway Maple	9	5	4 weak crown, suckering		carrier	significant trunk damage/weak spot from carrier
836	Quercus bicolor	Swamp White Oak	14	2	2 minor deadwood, multiple leaders			
837	Quercus bicolor	Swamp White Oak	10	3	3 multiple leaders, minor deadwood			
838	Quercus alba	White Oak	9.5	1	1 slightly overtopped, slight decay			Defect # 187
839	Quercus alba	White Oak	10	3	1 multiple leaders, basal decay, basal decay, minor deadwood			
840	Quercus alba	White Oak	25	3	3 multiple leaders, basal decay, basal decay, minor deadwood			
841	Quercus alba	White Oak	26	3	3 multiple leaders, basal decay, basal decay, minor deadwood		carrier, borers	Defect # 188
842	Quercus alba	White Oak	17	3	3 multiple leaders, basal decay, basal decay, minor deadwood			Defect # 189
843	Quercus alba	White Oak	17	3	3 multiple leaders, basal decay, basal decay, minor deadwood			
844	Quercus alba	White Oak	18	3	3 multiple leaders, basal decay, basal decay, minor deadwood			Defect # 126
845	Quercus alba	White Oak	18	3	3 multiple leaders, basal decay, basal decay, minor deadwood			Defect # 126
846	Quercus alba	White Oak	18	3	3 multiple leaders, basal decay, basal decay, minor deadwood			Defect # 126
847	Quercus alba	White Oak	18	3	3 multiple leaders, basal decay, basal decay, minor deadwood			Defect # 126
848	Quercus alba	White Oak	18	3	3 multiple leaders, basal decay, basal decay, minor deadwood			Defect # 126
849	Quercus alba	White Oak	18	3	3 multiple leaders, basal decay, basal decay, minor deadwood			Defect # 126
850	Quercus alba	White Oak	18	3	3 multiple leaders, basal decay, basal decay, minor deadwood			Defect # 126
851	Acer saccharum	Sugar Maple	34	3	3 below, multiple leaders, minor deadwood			Defect # 181
852	Quercus alba	White Oak	24	4	3 damaged leader, one-sided, minor deadwood, epicormics, minor scar			Defect # 184, photo the junction from a canopy hole attached to trunk
853	Quercus alba	White Oak	24	3	3 one-sided, one-sided, minor deadwood, epicormics, double leader			Defect # 185
854	Quercus rubra	Northern Red Oak	7	3	1 one-sided, slight decay, minor deadwood			Formed at 2' with 1" co-leader
855	Quercus rubra	Northern Red Oak	16	3	4 overtopped, slight decay, trunk crown, epicormics, moderate decay			
856	Quercus rubra	Northern Red Oak	33	4	3 basal trunk, heavy deadwood, epicormics, surface rot, minor decay at surface cut			
857	Quercus rubra	Northern Red Oak	33	4	3 moderate deadwood, multiple leaders, decay, broken limbs			
858	Quercus rubra	Northern Red Oak	19	3	3 one-sided, slight decay, epicormics, minor deadwood			Defect # 122, attily limbs attached to trunk
859	Quercus rubra	Northern Red Oak	22	3	3 slight trunk, one-sided, multiple leaders, broken limbs, suckering			Defect # 124, attily limbs attached to trunk
860	Quercus rubra	Northern Red Oak	27	3	3 moderate trunk, multiple leaders, heavy deadwood, epicormics, moderate decay			Defect # 125, attily limbs attached to trunk
861	Thuja americana	Redwood (American Umbrella)	21	4	4 below, overtopped, multiple leaders, suckering, below		borers	Defect # 186, attily limbs attached to trunk
862	Quercus bicolor	Swamp White Oak	40	3	3 trunk crown, epicormics, minor deadwood			Defect # 185, attily limbs attached to trunk and lower limb area attached to trunk
863	Quercus macrocarpa	Bur Oak	13	2	3 multiple leaders, slight trunk, weak crown			
864	Quercus macrocarpa	Bur Oak	22	3	3 multiple leaders, slight trunk, weak crown			
865	Quercus alba	White Oak	22	3	3 damaged leader, multiple leaders, weak crown, moderate decay			Defect # 122
866	Quercus alba	White Oak	27	3	3 damaged leader, multiple leaders, weak crown, moderate decay			Defect # 121
867	Quercus rubra	Northern Red Oak	27	4	4 damaged leader, broken limb, top broken off, minor deadwood			Defect # 120, broken limb and hanging branch in crown
868	Quercus rubra	Northern Red Oak	25	3	3 damaged leader, broken limb, top broken off, minor deadwood			Defect # 120, broken limb and hanging branch in crown
869	Acer rubrum	Norway Maple	10	3	3 below, minor trunk, trunk scar			Defect # 126, not attached to trunk
870	Quercus alba	White Oak	22	5	3 large foliage, decay, heavy deadwood, fungal fruiting bodies present, decay in buttress roots			
871	Quercus alba	White Oak	19	3	3 slight trunk, epicormics, minor deadwood, decay in surface cut			
872	Quercus alba	White Oak	15	3	3 one-sided trunk, multiple leaders, basal decay, basal decay, minor deadwood			Defect # 127
873	Quercus rubra	Northern Red Oak	27	4	4 damaged leader, multiple leaders, basal decay, basal decay, minor deadwood			Defect # 128
874	Quercus rubra	Northern Red Oak	24	4	4 broken limbs, heavy deadwood, damaged leader, multiple leaders, surface rot, lemming damage, decay in surface cut			Defect # 127
875	Quercus rubra	Northern Red Oak	23	4	4 damaged leader, moderate deadwood, multiple leaders			Defect # 126 or stored rot
876	Quercus rubra	Northern Red Oak	36	4	4 damaged leader, heavy deadwood, epicormics			Defect # 127 or stored rot
877	Quercus rubra	Northern Red Oak	20	4	4 slight trunk, damaged leader, one-sided, heavy deadwood			attily limbs attached to trunk
878	Quercus rubra	Northern Red Oak	8	4	4 basal trunk, minor deadwood			attily limbs attached to trunk
879	Quercus rubra	Northern Red Oak	13	3	3 basal trunk, minor deadwood			attily limbs attached to trunk
880	Quercus macrocarpa	Bur Oak	13	3	3 weak crown, multiple leaders, minor deadwood, epicormics			
881	Quercus alba	White Oak	14	3	3 one-sided, slight decay, epicormics, minor deadwood			Defect # 120
882	Quercus alba	White Oak	21	3	3 minor basal decay, minor deadwood			Defect # 120
883	Quercus rubra	Northern Red Oak	15	4	4 minor basal decay, damaged leader, multiple leaders, upper limb decay			
884	Quercus rubra	Northern Red Oak	10	1	1 basal trunk, one-sided, slight decay			
885	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
886	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
887	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
888	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
889	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
890	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
891	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
892	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
893	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
894	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
895	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
896	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
897	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
898	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
899	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
900	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
901	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
902	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
903	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
904	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
905	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
906	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
907	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
908	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
909	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
910	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
911	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
912	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
913	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
914	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
915	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
916	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
917	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
918	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
919	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
920	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
921	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
922	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
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925	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
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935	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
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937	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
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940	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
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943	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
944	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
945	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
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947	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
948	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
949	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
950	Quercus rubra	Northern Red Oak	10	2	2 basal trunk, one-sided, slight decay			
951	Malus spp.	Crabapple	10	4	3 weeps, suckering, sucker damage, minor deadwood			Formed at 2' and 3' with 8.5", 6.5", 5.5" co-leaders
952	Malus spp.	Crabapple	10	4	3 weeps, suckering, sucker damage, minor deadwood			Formed at 2' and 3' with 8.5", 6.5", 5.5" co-leaders
953	Malus spp.	Crabapple	10	4	3 weeps, suckering, sucker damage, minor deadwood			Formed at 2' and 3' with 8.5", 6.5", 5.5" co-leaders
954	Malus spp.	Crabapple	10	4	3 weeps, suckering, sucker damage, minor deadwood			Formed at 2' and 3' with 8.5", 6.5", 5.5" co-leaders
955	Malus spp.	Crabapple	10	4	3 weeps, suckering, sucker damage, minor deadwood			Formed at 2' and 3' with 8.5", 6.5", 5.5" co-leaders
956	Malus spp.	Crabapple	10	4	3 weeps, suckering, sucker damage, minor deadwood			Formed at 2' and 3' with 8.5", 6.5", 5.5" co-leaders
957	Malus spp.	Crabapple	10	4	3 weeps, suckering, sucker damage, minor deadwood			Formed at 2' and 3' with 8.5", 6.5", 5.5" co-leaders
958	Malus spp.	Crabapple	10	4	3 weeps, suckering, sucker damage, minor deadwood			Formed at 2' and 3' with 8.5", 6.5", 5.5" co-leaders
959	Malus spp.	Crabapple	10	4	3 weeps, suckering, sucker damage, minor deadwood			Formed at 2' and 3' with 8.5", 6.5", 5.5" co-leaders
960	Malus spp.	Crabapple	10	4	3 weeps, suckering, sucker damage, minor			