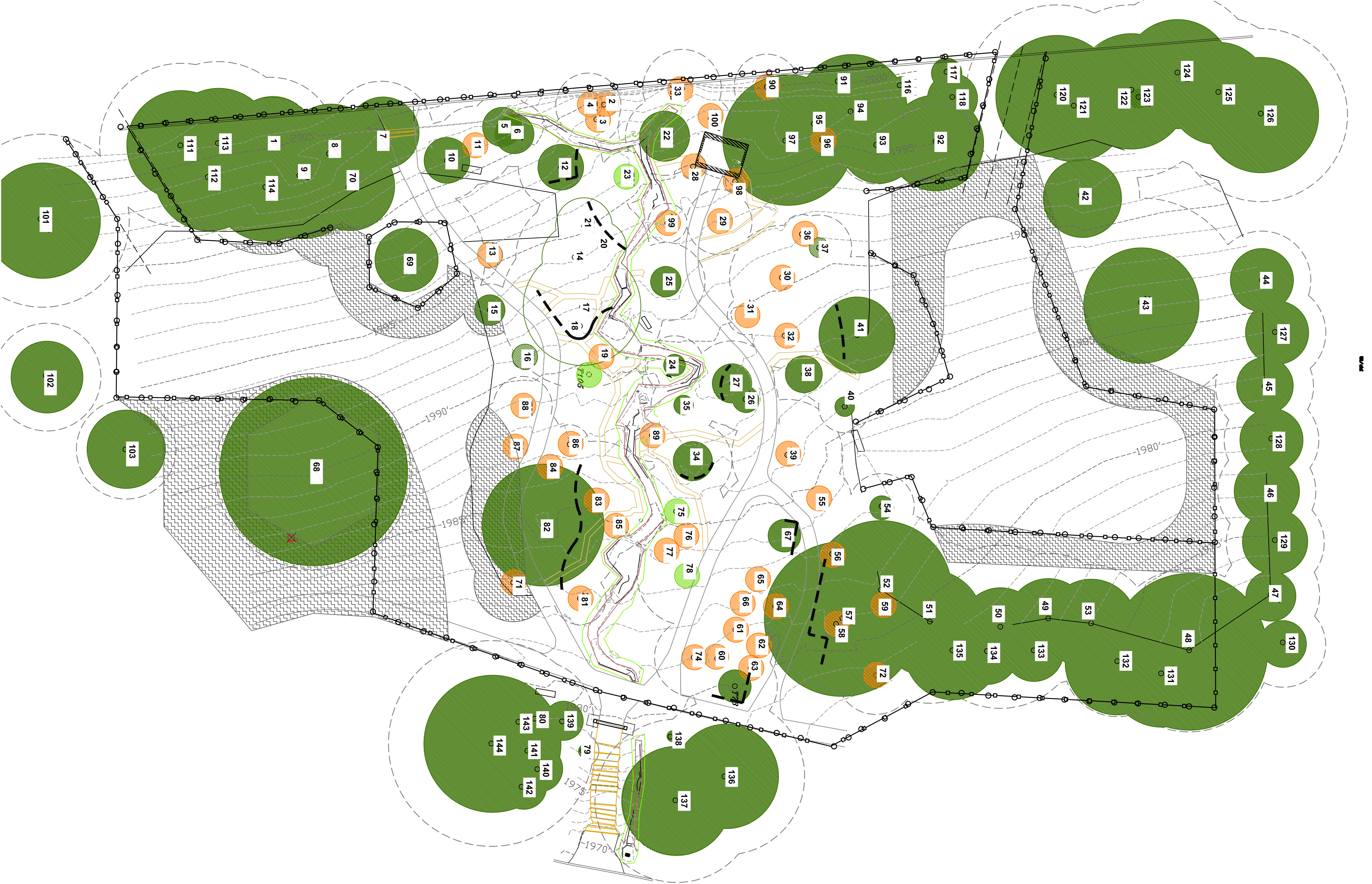


1. PRIOR TO DELIVERING EXCAVATION EQUIPMENT OR COMMENCING ANY CONSTRUCTION ACTIVITIES ON THE PROJECT, THE LANDSCAPE ARCHITECT SHALL MEET WITH THE LANDSCAPE ARCHITECT AND EXCAVATION SUPERVISOR PRIOR TO COMMENCING ANY WORK ON THE SITE. THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED BY THE CONTRACTOR 48 HRS. IN ADVANCE FOR ALL SITE VISITS REQUESTED. CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FROM THE OWNERS REPRESENTATIVE THAT CONSTRUCTION MAY BEGIN AFTER ALL OF THE DESCRIBED FENCING AND WOOD CHIPS ARE IN PLACE. FENCING SHALL REMAIN IN PLACE UNTIL THE PROJECT IS COMPLETED.
2. FENCES MUST BE ERECTED TO PROTECT TREES TO BE PRESERVED AS SHOWN IN DIAGRAM. FENCING SHALL BE 8' TALL TEMPORARY CHAIN LINK PANELS INSTALLED WITH METAL CONNECTIONS TO ALL POSTS. FENCES SHALL BE INSTALLED TO PREVENT ANY EQUIPMENT OR VEHICLES FROM ENTERING THE PASSAGE OF EACH TREE OR GROUP OF TREES. FENCES ARE TO REMAIN UNTIL ALL SITE WORK HAS BEEN COMPLETED. FENCES MAY NOT BE RELOCATED OR REMOVED WITHOUT THE PERMISSION OF THE LANDSCAPE ARCHITECT.
3. CONSTRUCTION TRAILERS, TRAFFIC AND STORAGE AREAS MUST REMAIN OUTSIDE FENCED TREE PROTECTION ZONES AT ALL TIMES.
4. ALL PROPOSED UNDERGROUND UTILITIES AND DRAIN OR IRRIGATION LINES SHALL BE LOCATED OUTSIDE THE TREE PROTECTION ZONE. LINES MUST TRANSVERSE THE PROTECTION AREA. THEY SHALL BE TUNNELED OR BORED UNDER THE TREE ROOTS. NOTIFY THE LANDSCAPE ARCHITECT IMMEDIATELY IF ANY PROJECT PLANS CONFLICT WITH THIS REQUIREMENT.
5. NO MATERIALS, EQUIPMENT, SPOIL, OR WASTE OR WASHOUT WATER MAY BE DEPOSITED, STORED, OR PARKED WITHIN THE TREE PROTECTION ZONE (FENCED AREA).
6. NOTIFY THE LANDSCAPE ARCHITECT IF TREE PRUNING IS REQUIRED TO OBTAIN CONSTRUCTION CLEARANCE. ALL TREE PRUNING TO BE DONE BY A CERTIFIED ARBORIST.
7. LITHIA PARK AND ALL APRC PROPERTIES ARE HERBICIDE FREE. NO HERBICIDES ARE ALLOWED ON THE PROJECT SITE.
8. IF INJURY SHOULD OCCUR TO ANY TREE DURING CONSTRUCTION, NOTIFY THE LANDSCAPE ARCHITECT IMMEDIATELY. ALL DAMAGE CAUSED BY CONSTRUCTION TO EXISTING TREES SHALL BE COMPENSATED FOR BY THE OFFENDING PARTY. BEFORE THE PROJECT WILL BE CONSIDERED COMPLETE, IF DAMAGE OCCURS TO A TREE IDENTIFIED TO BE SAVED, CONTACT PROJECT AGENT IMMEDIATELY TO DISCUSS PROTOCOL. DAMAGE TO TREES THAT HAS NOT BEEN IDENTIFIED AND DISCUSSED AT THE END OF THE PROJECT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND ADEQUATE REPLACEMENT WILL BE REQUIRED.
10. WATERING SCHEDULE: WATERING PROTECTED TREES SHALL FOLLOW THESE STANDARDS, HOWEVER PERIODS OF EXTREME HEAT, WIND, RAINFALL OR DROUGHT MAY REQUIRE MORE OR LESS WATER THAN RECOMMENDED IN THESE NOTES.  
A. MOST SPECIES: 1 TIME PER MONTH DURING IRRIGATION SEASON (USUALLY MARCH THROUGH SEPTEMBER)  
B. QUERCUS/OAK: DEEP WATER IN MAY AND SEPTEMBER. DO NOT WATER DURING OTHER MONTHS. FOR OAKS ALREADY IN THE VICINITY OF IRRIGATED CONDITIONS, AUTOMATIC SPRINKLERS OR REGULAR WATERING OF BELL, NOT BE ALLOWED SPRAIN, ONLY WITHIN 3 FEET OF THE TRUNK. WATERING SHOULD BE DONE ON A REGULAR BASIS. WATERING SHOULD BE DONE ON A REGULAR BASIS. WATERING METHOD: HAND WATERING SYSTEMS RECOMMENDED FOR TREES THAT ARE PART OF A DEVELOPMENT PROJECT THAT MUST BE WATERED TO INSURE TREE SURVIVAL DURING THE COURSE OF CONSTRUCTION UNTIL AUTOMATIC IRRIGATION IS INSTALLED.
11. EROSION CONTROL DEVICES SUCH AS SILT FENCING, DEBRIS BASINS, AND WATER DIVERSION STRUCTURES SHALL BE INSTALLED ON THE UPHILL SIDE OF THE TREE PROTECTION ZONE TO PREVENT SILTATION AND/OR EROSION WITHIN THE TREE PROTECTION ZONE.
12. BEFORE GRADING, PAD PREPARATION, OR EXCAVATION FOR THE FOUNDATIONS, FOOTINGS, WALLS, OR FENCING, ANY TREES WITHIN THE SPECIFIC CONSTRUCTION ZONE SHALL BE ROOT PRUNED 1' FOOT OUTSIDE THE TREE PROTECTION ZONE BY CUTTING ALL ROOTS CLEANLY AT A 90 DEGREE ANGLE TO A DEPTH OF 24 INCHES. ROOTS SHALL BE CUT BY MANUALLY DIGGING A TRENCH AND CUTTING EXPOSED ROOTS WITH A SAW, VIBRATING KNIFE, ROCK SAW, NARROW TRENCHER WITH SHARP BLADES, OR OTHER APPROVED ROOT-PRUNING EQUIPMENT.
13. ANY ROOTS DAMAGED DURING GRADING OR CONSTRUCTION SHALL BE EXPOSED TO SOUND TISSUE AND CUT TO A SOUND TISSUE. EXPOSED ROOTS SHALL BE COVERED WITH A 6" DEEP LAYER OF GROUND COVER. GREATER ROOTS SHALL HAVE AND PLACED AGAINST THE CUT END OF THE ROOT. ADDITIONALLY FOUR CUBIC FEET OF MUD (WETTED SOIL) SHALL BE PLACED IN THE HOLE AT THE CUT SITE WITHIN ONE HOUR OF ROOT PRUNING.
14. IF TEMPORARY HAUL OR ACCESS ROADS MUST PASS OVER THE ROOT AREA OF TREES TO BE RETAINED, A ROAD BED OF 6 INCHES OF MULCH SHALL BE CREATED TO PROTECT THE SOIL. THE ROAD BED MATERIAL SHALL BE REPLENISHED AS NECESSARY TO MAINTAIN A 6 INCH DEPTH.
15. SPOIL FROM TRENCHES, BASEMENTS, OR OTHER EXCAVATIONS SHALL NOT BE PLACED WITHIN THE TREE PROTECTION ZONE, EITHER TEMPORARILY OR PERMANENTLY.
16. NO BURN PILES OR DEBRIS PILES SHALL BE PLACED WITHIN THE TREE PROTECTION ZONE. NO ASHES, DEBRIS, OR GARBAGE MAY BE DUMPED OR BURIED WITHIN THE TREE PROTECTION ZONE.
17. MAINTAIN FIRE-SAFE AREAS AROUND FENCED AREA. ALSO, NO HEAT SOURCES, FLAMES, IGNITION SOURCES, OR SMOKING IS ALLOWED NEAR MULCH OR TREES.
18. DO NOT RAISE THE SOIL LEVEL WITHIN THE DRIP LINES TO ACHIEVE POSITIVE DRAINAGE. EXCEPT TO PATCHES WITH SIDEWALKS AND CURBS, AND IN THOSE AREAS, FEATHER THE ADDED TOP-SOIL BACK TO EXISTING GRADE AT APPROXIMATELY 2:1 SLOPE.
19. REMOVE THE ROOT WAD FOR EACH TREE THAT IS INDICATED ON THE PLAN AS BEING REMOVED.
20. EXCEPTIONS TO THE TREE PROTECTION SPECIFICATIONS MAY ONLY BE GRANTED EXTRAORDINARY CIRCUMSTANCES WITH WRITTEN APPROVAL FROM THE LANDSCAPE ARCHITECT PRIOR TO ANY WORK COMMENCING.
21. AS A PROTECTIVE MEASURE TO COMPENSATE FOR CONSTRUCTION IMPACTS, TWO TO SIX WEEKS BEFORE THE PROJECT BEGINS, THE LANDSCAPE ARCHITECT SHALL RECOMMEND THE APPLICATION OF MYCOAPPLY A LAL PURPOSE SOLUBLE PER MANUFACTURER'S INSTRUCTIONS. THIS MYCORRHIZAL PRODUCT IS A SPECIALLY FORMULATED NATURAL ROOT BIOSTIMULANT WHICH ENHANCES THE ASSORPTIVE SURFACE AREA OF THE TREES' ROOT SYSTEMS. THIS PROMOTES AND IMPROVES NUTRIENT AND WATER UPTAKE CAPABILITIES OF THE REMAINING ROOT STRUCTURE, AND DISTRIBUTE MYCOAPPLY EVENLY WITHIN THE ACTIVE ROOT ZONE OF RETAINED TREES. APPLY 30 GALS. OF SOLUTION PER TREE @ 1 DBH AND GREATER, A MINIMUM OF 4" BELOW SOIL SURFACE IN QUANTITIES OF 1/2 GALLON AT EACH POINT OF APPLICATION. LOCATE THE ACTIVE ROOT ZONES WITH LANDSCAPE ARCHITECT PRESENT.
22. MYCOAPPLY IS AVAILABLE FROM MYCORRHIZAL APPLICATION, INC., PHONE (541) 419-3985.
22. APPLY A MINIMUM 4 INCHES OF WOOD CHIPS IN TREE PROTECTION ZONE WITHIN THE CONSTRUCTION STAGING/TREE PROTECTION AREA.



THE TREE PROTECTION ZONE FOR EACH TREE IS BASED ON THE GUIDELINES ESTABLISHED BY:  
Moloney, N. & Clark, J. 1998. *Trees and Development: A Technical Guide to Preservation of Trees During and Development*. p. 72.



SCALE: 1" = 20'-0"  
0' 10' 20' 40' 60'