



**Install and maintain tree protection fence as indicated on preservation plan for all trees marked SAVE.
Silt protection shall be installed in a trenchless manner if introduced within the critical root zone of any tree to be
SAVED. (I.E woodchips, wattles, and hay bales)**

I hereby certify that I have viewed the premises and provided this professional opinion regarding the survivability of significant trees on this site and abutting the site. Attached is a site plan illustrating the recommended location of tree protection fencing. This fence is to remain erect throughout the construction project . All tree inspections were performed from the ground and are limited in scope. Tree and utility locations are approximate and locations of utilities are subject to change.

A handwritten signature in blue ink, appearing to read "Craig R. Murphy".

Craig R. Murphy
I.S.A Certified Arborist
IL-9645A



TREE STUDY
SITE PLAN REVIEW
6-13-2023

PROPERTY LOCATION: 20 Edwin

#	TREE SPECIES	D B H	SAVE/ REMOVE/ INSTALL	ADJOINING LOT	COMMENTS	VALUE	COND %	TOTAL CANOPY SQ FT
A	pin oak	31"	REMOVED		tree removed, only log in air remains, condition rating given by default	\$6855	60	1698
B	red mulberry	11"	SAVE	SHARED	deadwood, ivy	\$145	44	214
C	American elm	18"	REMOVE	SHARED	vines, epicormic growth, deadwood DRIVEWAY	\$915	56	321
D	black walnut	20"	REMOVE	SHARED	minor branch dieback, deadwood GRADING	\$1445	51	460
E	hackberry	8"	REMOVE		lacking central leader, co-dominant at 12' GRADING	\$330	53	113
F	pin oak	21"	REMOVED		tree removed, only log in air remains, condition rating given by default	\$3210	60	779
G	pin oak	45"	REMOVED		tree removed, only log in air remains, condition rating given by default	\$14745	60	3578
H	pin oak	30"	REMOVED		tree removed, only log in air remains, condition rating given by default	\$6555	60	1590
I	white pine	8"	REMOVE		topped, ivy GRADING	\$285	48	113
J	white pine	8"	REMOVE		topped, ivy GRADING	\$290	49	113
K	pin oak	18"	REMOVED		tree removed, only log in air remains, condition rating given by default	\$2355	60	573
L	ginkgo	37"	REMOVED		tree removed, only log in air remains, condition rating	\$6950	60	2419

					given by default			
M	American holly	10"	REMOVE		co-dominant at 6', sapsucker holes GRADING	\$600	69	177
N	eastern redbud	2x12"	REMOVED		tree removed, only log in air remains, condition rating given by default	\$1280	60	508
O	American holly	8"	SAVE		ivy, boring insect holes	\$390	71	113
P	American holly	11"	SAVE		epicormic growth, sapsucker holes, co-dominant at 7'	\$660	63	214

Canopy coverage has been adjusted to reflect shared and overlapping crowns.

Tree species and install locations are recommendations and can be adjusted as long as the guidelines, set forth by Glendale's canopy replacement policy, are followed.

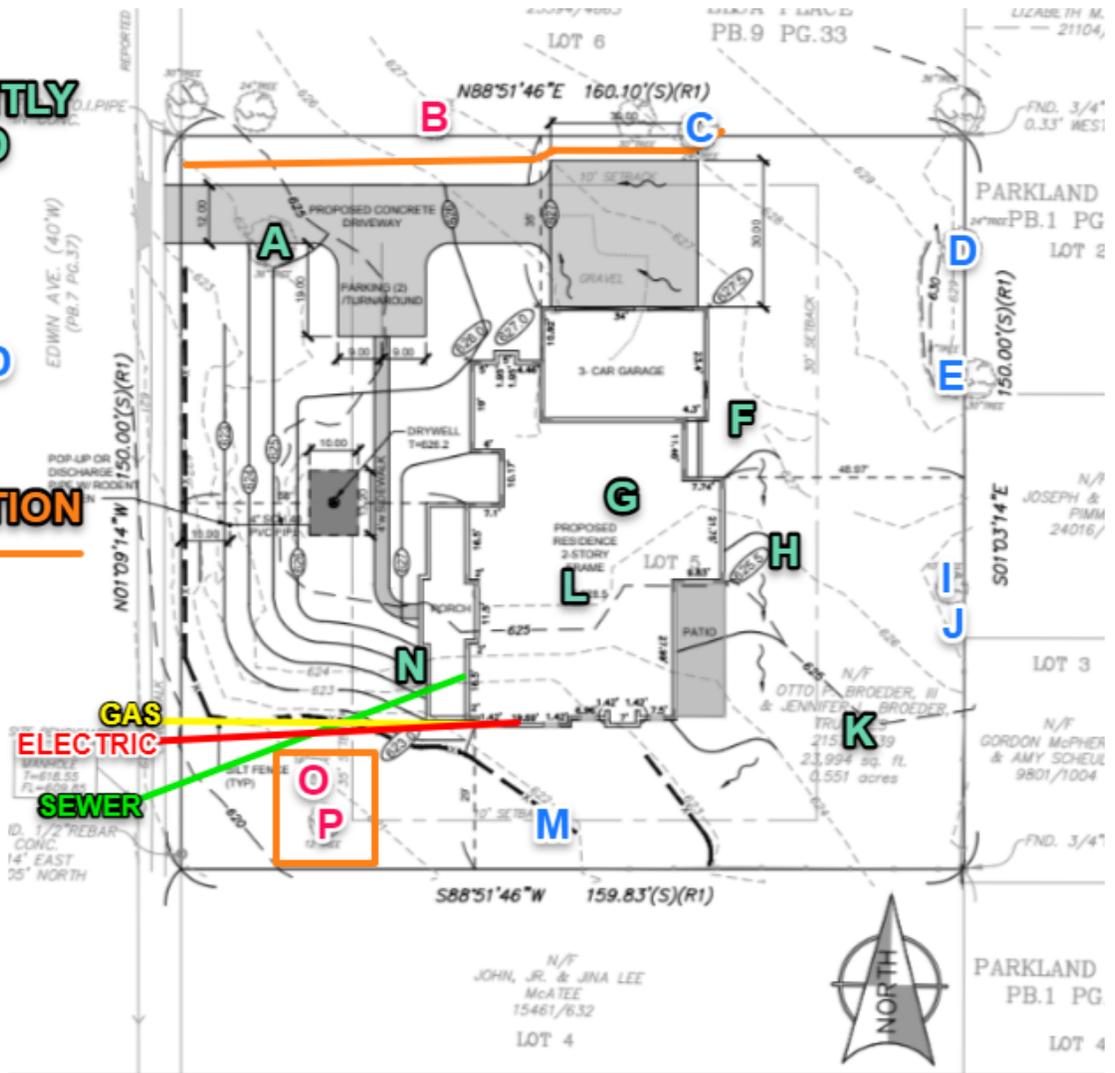
Lot size	24,000 Sq ft
Pre-existing Canopy	12,983 Sq ft 54% Lot Coverage
Canopy Removed	12,442 Sq ft 96% Current Canopy Removed
Post Demo Canopy	541 Sq ft 2% Lot Coverage Remaining

**A- RECENTLY
REMOVED**

A- SAVE

**A- TO BE
REMOVED**

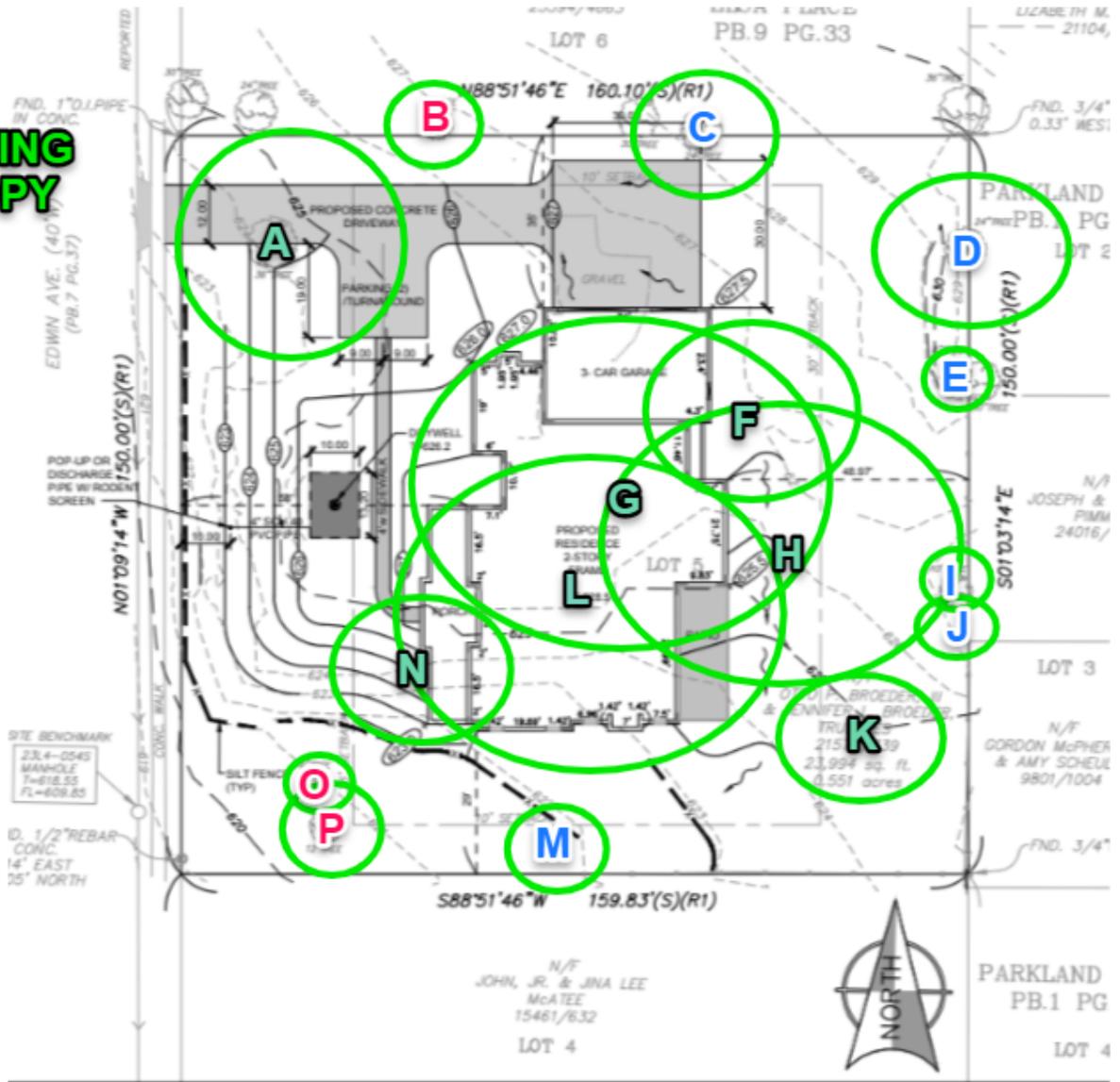
**TREE
PROTECTION
FENCE**



Proposed Site Plan



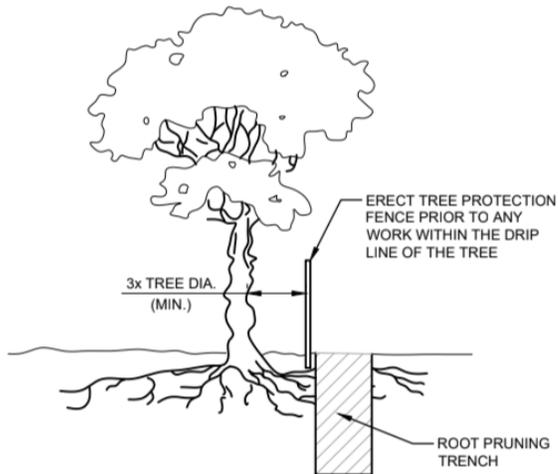
**EXISTING
CANOPY**



Proposed Site Plan







NOTES:

1. ROOT PRUNING SHALL BE DONE WHENEVER THERE WILL BE GRADING, CUTTING OR COMPACTION DISTURBANCE UNDERNEATH THE DRIP LINE OF A TREE. PRIOR TO ANY WORK WITHIN DRIP LINE, THE CONTRACTOR SHALL ERECT A TREE PROTECTION FENCE AND CONTACT AN ISA CERTIFIED ARBORIST TO COORDINATE WORK. NO DISTURBANCE SHALL BE DONE WITHIN A DISTANCE OF 3X THE DIAMETER OF THE TREE, DUE TO STABILITY CONCERNS.
2. ROOT PRUNING SHALL BE DONE WITH A SHARP TOOL, IN SUCH A WAY THAT DOES NOT PULL ON THE ROOTS, BUT LEAVES SMOOTH CUTS. DO NOT TEAR ROOTS WITH EXCAVATION EQUIPMENT. IT IS PREFERABLE TO EXPOSE THE ROOTS PRIOR TO ROOT PRUNING. AFTER PRUNING, FILL THE AREA WITH QUALITY TOPSOIL AND WATER UNTIL THOROUGHLY SOAKED.
3. ONCE EXPOSED, ROOTS MUST BE COVERED WITHIN 8 HOURS. IF ROOTS WILL BE LEFT EXPOSED FOR LONGER THAN 8 HOURS, THEY MUST BE KEPT MOIST. ONE OPTION IS TO PUT MOIST BURLAP OVER THE EXPOSED ROOTS.

NOTES (CONT.):

4. ROOT PRUNING SHALL MEET OR EXCEED ANSI A300 OR APPROVED TREE CARE INDUSTRY STANDARDS.

DIGGING PROCESS

1. THE PRUNING TRENCH SHOULD BE CLEARED IN A WAY THAT EXPOSES THE ROOTS WHILE LEAVING THEM INTACT.
 - 1.1. USE HAND TOOLS OR AN AIR KNIFE II) DO NOT USE AN EXCAVATOR, AS THIS WILL PULL ON THE ROOTS AND POSSIBLY DAMAGE THE TRUNK III) IF A ROOT LARGER THAN 2" IS EXPOSED, LEAVE THIS ROOT INTACT AND CONTACT LANDSCAPE SERVICES
2. ONCE THE ROOTS ARE EXPOSED, USE A SHARP TOOL TO CLEANLY CUT ALL ROOTS WHICH ARE BETWEEN 1-2" DIAMETER, TO THE DEPTH OF THE PROPOSED DISTURBANCE
 - 2.1. APPROPRIATE TOOLS INCLUDE SHARP LOPPING SHEARS, HANDSAWS, A SHARPENED AXE, A ROOT PRUNER GRINDER, A RECIPROCATING SAW AND ANY OTHER SHARP TOOL WHICH LEAVES A CLEAN CUT
 - 2.2. YOU MAY NOT USE A CHAINSAW OR CHAIN TRENCHER TO MAKE THE FINAL CUTS
 - 2.3. ALL ROOTS SHALL BE LEFT WITH A CLEAN, SMOOTH ENDS AND NO RAGGED EDGES
3. POST PRUNING
 - 3.1. TREE ROOTS MUST BE KEPT MOIST. IF ROOTS ENDS WILL BE LEFT EXPOSED FOR MORE THAN 8 HOURS, COVER THE HOLE WITH MOIST BURLAP.
 - 3.2. FILL THE HOLE WITH HIGH QUALITY TOP SOIL, MULCH THE AREA WITH TRIPLE SHREDDED HARDWOOD TO A DEPTH OF 3", AND WATER WELL.