

TREE INVENTORY - ONSITE SUMMARY

Total Number of Trees On-Site = 21*
* Includes (1) A Species tree <6"

	# Trees Preserved	# Trees Removed	# Required Replacements
Dead/Poor Trees	0	0	0
Fair (or better) Quality Trees			
A Species (> 6" DBH)	0	1	3
B Species (> 8" DBH)	7	4	8
C Species (> 10" DBH)	3	5	5
Total	10	10	16

TREE INVENTORY - ONSITE

Tree ID	Common Name	Scientific Name	DBH	Condition	Outcome	Species Group	Req'd Replace.
COMMERCIAL SITE							
223	Honeylocust	Gleditsia triacanthos	28.0	Fair	Remove	B	2
224	Black walnut	Juglans nigra	8.1	Fair	Remove	B	2
225	Boxelder	Acer negundo	16.7	Fair	Remove	C	1
226	apple spp	Malus	9.3	Fair	Remove	A	3
227	Boxelder	Acer negundo	44.4	Fair	Remove	C	1
228	Boxelder	Acer negundo	19.1	Fair	Remove	C	1
229	Boxelder	Acer negundo	14.5	Fair	Remove	C	1
246	Austrian pine	Pinus nigra	11.2	Fair	Remove	Evergreen C	1
247	Austrian pine	Pinus nigra	11.0	Fair	Preserve	Evergreen C	-
248	Honeylocust	Gleditsia triacanthos	10.4	Good	Preserve	B	-
249	Honeylocust	Gleditsia triacanthos	11.2	Good	Preserve	B	-
250	Honeylocust	Gleditsia triacanthos	11.2	Good	Preserve	B	-
251	Honeylocust	Gleditsia triacanthos	11.5	Good	Preserve	B	-
252	White fir	Abies concolor	7.5	Poor	Preserve	Evergreen B	-
254	apple spp	Malus	4.5	Fair	Preserve	A	-
255	White fir	Abies concolor	13.2	Good	Preserve	Evergreen B	-
256	White fir	Abies concolor	9.6	Good	Preserve	Evergreen B	-
257	Austrian pine	Pinus nigra	11.0	Fair	Preserve	Evergreen C	-
258	Austrian pine	Pinus nigra	10.0	Fair	Preserve	Evergreen C	-
259	Eastern white pine	Pinus strobus	11.2	Fair	Remove	Evergreen B	2
260	Eastern white pine	Pinus strobus	9.2	Fair	Remove	Evergreen B	2
Total Replacements							16

Condition / Form Rating Scale:

Excellent

The tree is typical of the species, has less than 10% deadwood in the crown that is attributable to normal causes, has no other observed problems, and required no remedial action.

Good

The tree is typical of the species and/or has less than 20% deadwood in the crown, only one or two minor problems that are easily corrected with normal care.

Fair

The tree is typical of the species and/or has less than 30% deadwood in the crown, one or two minor problems that are not eminently lethal to the tree, and no significant decay or structural problems, but the tree must have remedial care above normal care in order to minimize the impact of future stress and to insure continued health.

Poor

The tree is not typical of the species and/or has significant problems such as 30-50% deadwood in the crown, serious decay or structural defect, insects, disease or other problems that can be eminently lethal to the tree or create a hazardous tree if not corrected in a short period of time or if the tree is subjected to additional stress.

Critical

The tree is not typical of the species and/or has over 50% deadwood in the crown, major decay or structural problems, is hazardous or is severely infested with insects, disease, or other problems that even if aggressively corrected would not result in the long term survival of the tree.

Dead

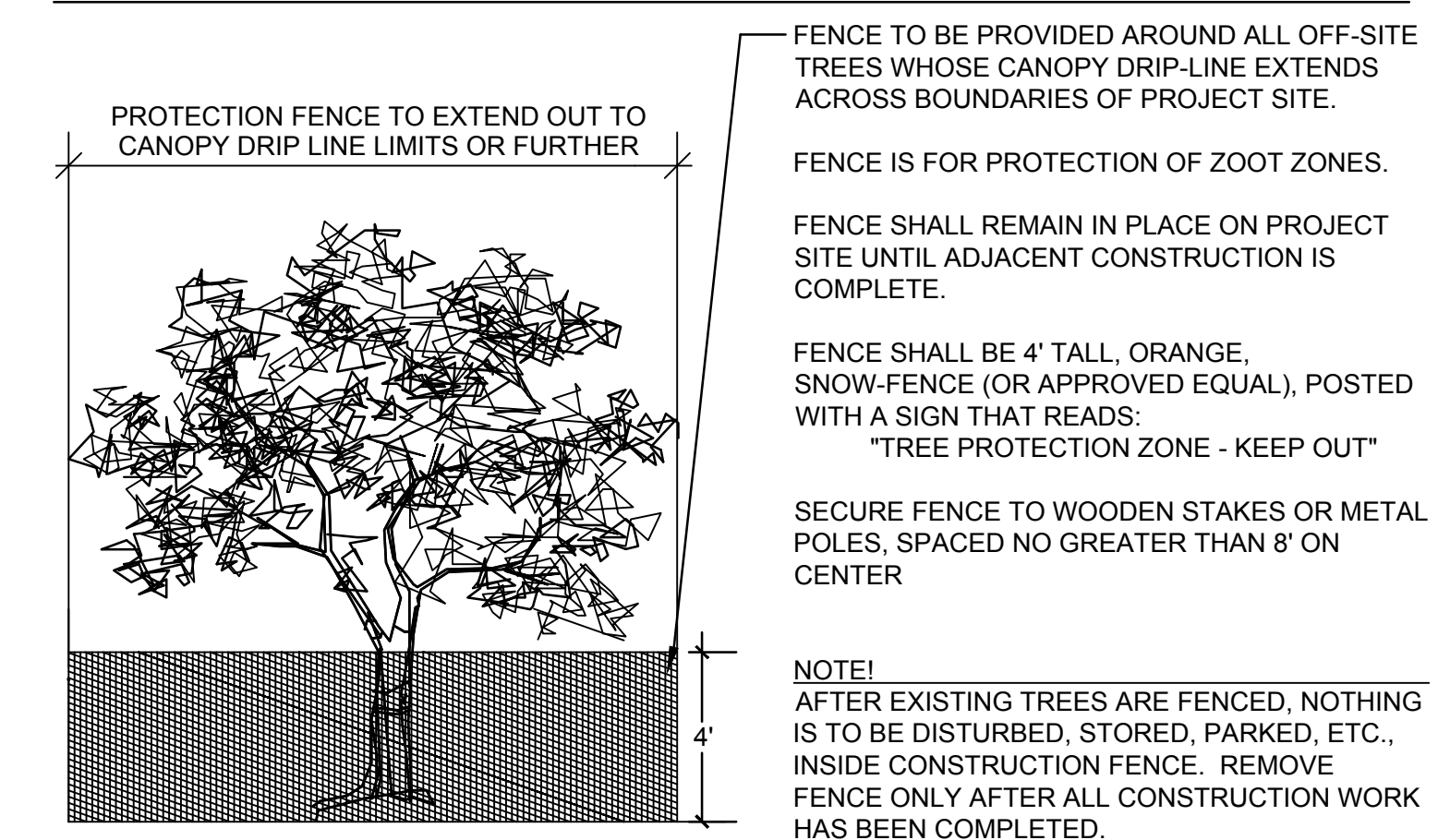
Less than 10% of the tree shows signs of life.

NOTES

1. TREE PRESERVATION:

- A. **ALL WORK MUST BE PERFORMED ACCORDING TO THE APPROVED TREE PRESERVATION PLAN. IT IS STRONGLY RECOMMENDED TO DOCUMENT GOOD STEWARDSHIP PRACTICES DURING CONSTRUCTION. IF REQUIRED, PRIOR TO COMMENCING ANY DEMOLITION / CONSTRUCTION ACTIVITY, NOTIFY MUNICIPAL FORESTRY DEPARTMENT (NOTIFY AT LEAST 48 HOURS IN ADVANCE OF WORK).**
- B. AN APPROVED TREE PRESERVATION PLAN MUST BE AVAILABLE AT THE BUILDING SITE.
- C. PRIOR TO ANY DEMOLITION / CONSTRUCTION ACTIVITY, INSTALL TREE PRESERVATION FENCE AND PERFORM ROOT PRUNING FOR ALL PROTECTED TREES.
- D. FENCE THE CRITICAL ROOT ZONE (CRZ) / CANOPY DRIP-LINE, OF THE ENTIRE EXISTING TREE TO BE PRESERVED, WITH TREE PROTECTION FENCE. FENCE TO PREVENT WOUNDS TO THE TREE & SOIL COMPACTION. POST THE FENCE WITH A SIGN STATING, "TREE PROTECTION ZONE - KEEP OUT".
- E. ALL REQUIRED TREE PROTECTION FENCING SHALL REMAIN IN PLACE UNTIL THE TIME OF FINISH GRADING AND LANDSCAPING.
- F. NO TRENCHING SHOULD BE DONE WITHIN THE TREE PROTECTION ZONES FOR ANY CONSTRUCTION ACTIVITY, UNLESS PRE-APPROVED BY PROJECT ARBORIST &/OR PROJECT LANDSCAPE ARCHITECT.
- G. NO GRADE CHANGES SHOULD BE DONE WITHIN THE TREE PROTECTION ZONES OF TREES FOR ANY CONSTRUCTION ACTIVITY.
- H. SHOULD IT BE NECESSARY TO TRENCH WITHIN THE CRZ FOR UTILITIES, INCLUDING DISCONNECTION OR CAPPING OF EXISTING UTILITIES, ALL TRENCHES SHALL BE HAND DUG. NO ROOTS LARGER THAN TWO INCHES (2") SHALL BE CUT, UNLESS NO OTHER ALTERNATIVE IS FEASIBLE. ALL SMALLER ROOTS THAT REQUIRE CUTTING, SHALL BE CUT WITH A SHARP PRUNING SAW. CUTS SHALL BE MADE FLUSH WITH THE SIDE OF THE TRENCH. IF AT ANY TIME, TWENTY-FIVE PERCENT (25%) OF THE AREA WITHIN THE CRZ IS BEING SEPARATED FROM THE TREE BY A TRENCH, THEN THE LINE SHALL BE EITHER RELOCATED OR INSTALLED USING TRENCH-LESS METHODS.
- I. LOCATE THE PROPOSED WATER AND SEWER LINES OUTSIDE OF THE TREE PROTECTION ZONE OR INSTALL THE SEWER AND WATER UTILITIES USING TRENCH-LESS METHODS. AUGER THROUGH THE ENTIRE TREE PROTECTION ZONE, LOCATE PITS OUTSIDE OF THE TREE PROTECTION ZONE.
- J. THE PROPOSED WATER SERVICE LINE VALVES (B-BOXES), ARE TO BE TEN FEET (10') FROM PRESERVED TREES. IF FUTURE UTILITY EXCAVATIONS NEED TO OCCUR, THIS REDUCES THE CHANCES OF EXTENSIVE STEM OR ROOT DAMAGE, WHICH COULD LEAD TO TREE DECLINE.
- K. AT NO TIME SHALL ANY EQUIPMENT, MATERIALS, SUPPLIES OR FILL SOIL BE ALLOWED IN THE TREE PROTECTION ZONE(S). DO NOT STORE EXCAVATED SOIL OR THE DUMPSTER WITHIN THE DRIP-LINE (CRZ) OF THE PRESERVED TREE(S).
- L. **REMOVAL OF ANY HARDSCAPE WITHIN THE TREE PROTECTION ZONES WILL BE DONE BY HAND.** NO ROOTS LARGER THAN TWO INCHES (2") SHALL BE CUT, UNLESS THERE IS NO ALTERNATIVE FEASIBLE. CUTS WILL BE MADE WITH A SHARP PRUNING SAW TO AVOID TEARING AND WILL BE FLUSH WITH THE TREE SIDE OF THE TRENCH.
- M. THE TREE PROTECTION ZONE MAY BE MULCHED TO IMPROVE THE GROWING CONDITIONS FOR TREE ROOTS AND TO MINIMIZE MAINTENANCE OF THE LAWN.
- N. ALL OFF-SITE TREES SHALL BE PRESERVED.
- O. EXISTING TREES SHOWN TO REMAIN SHALL BE PRESERVED TO THE BEST EXTENT POSSIBLE, PENDING FINAL SITE PLAN, FINAL CIVIL ENGINEERING, AND/OR ANY UNFORESEEN ISSUES.

TREE PROTECTION FENCE DETAIL



dickson design
STUDIO

526 SKYLINE DRIVE
ALGONQUIN IL 60102
847 878 4019

CLIENT NAME AND ADDRESS

**1783 N. MILWAUKEE
PARKING, LLC**

PLAN DATE

JUNE 8, 2021

REVISIONS

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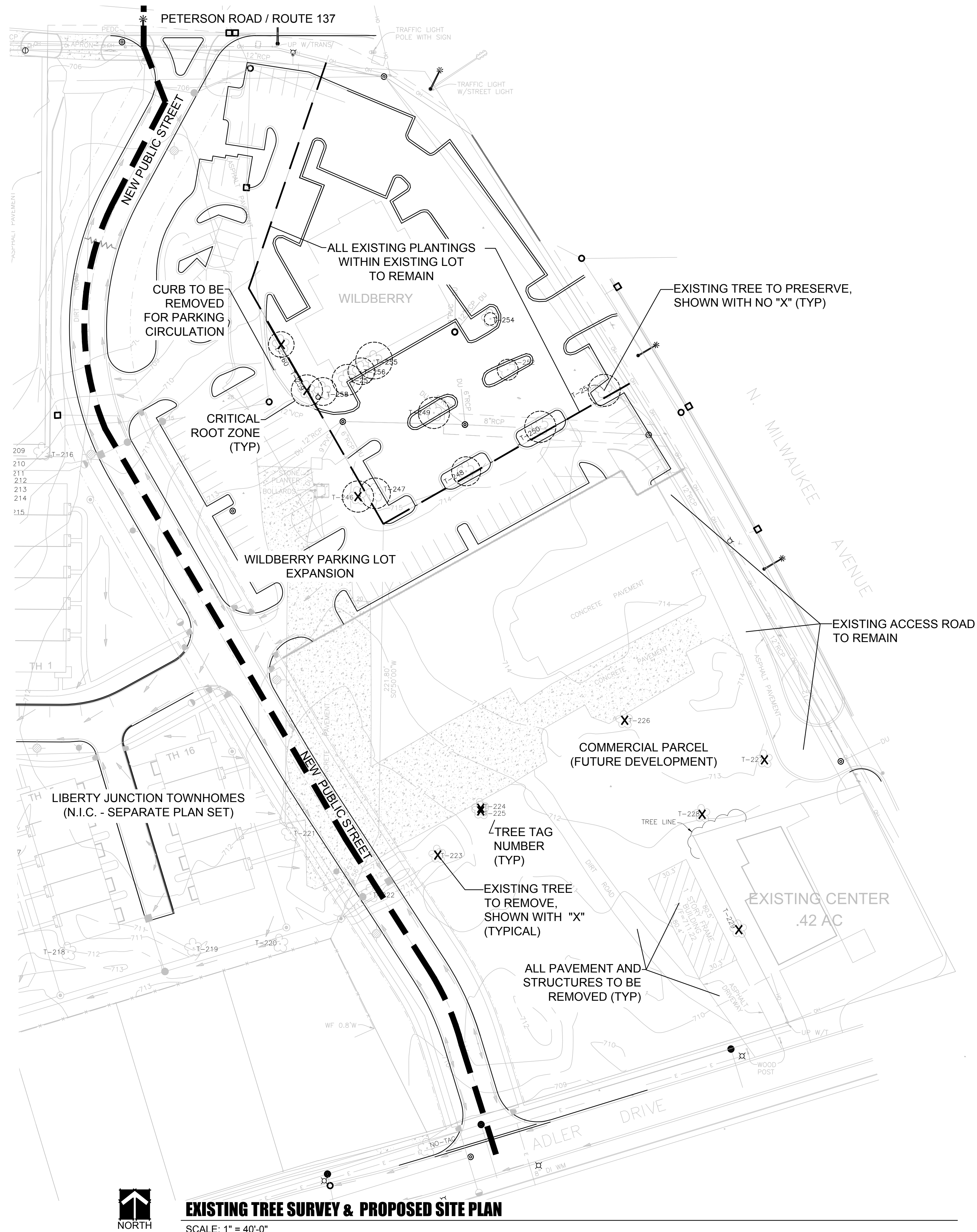
PROJECT NAME AND SHEET TITLE

**WILDBERRY RESTAURANT
PARKING LOT EXPANSION
& FUTURE COMMERCIAL
DEVELOPMENT**

LIBERTYVILLE, IL
TREE PRESERVATION & REMOVAL PLAN

SHEET NUMBER

1 OF 2



EXISTING TREE SURVEY & PROPOSED SITE PLAN

SCALE: 1" = 40'-0"



dickson design
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ALGONQUIN IL 60102
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