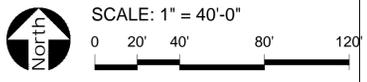


**1 Tree Protection Fence**  
SCALE: NTS d-NRCS-IL690-tree protection\_fence\_12

#	Botanic name	Common Name	DBH Dia.	Canopy Dia.	Rating	Preserve/Replace/Relocate / Destroy
1	Malus Species	Crabapple	8.1" / 9" / 9.3"	n/a	Dead	Destroy
2	Malus Species	Crabapple	6.5" / 7.7"	n/a	Dead	Destroy
3	Malus Species	Crabapple	4.5" / 4.6" / 6.7" / 7.5"	n/a	Dead	Destroy
4	Acer platanoides	Norway Maple	3.2"	6'	Poor	Destroy
5	Acer platanoides	Norway Maple	20.6"	39'	Good	Preserve
6	Pinus nigra	Austrian Pine	21"	36'	Fair	Preserve
7	Malus sylvestris	European Crabapple	7.6" / 10.7"	27'-6"	Fair	Preserve
8	Tilia americana	Linden	11.1"	36' ~ 5'	Good	Preserve
9	Acer platanoides	Norway Maple	11.4"	26'	Good	Preserve
10	Tilia americana	Linden	15.7"	28'	Good	Preserve
11	Tilia americana	Linden	15.3"	29'	Good	Preserve
12	Platanus x acerifolia	London planetree	2.3"	5'	Good	Preserve
13	Platanus x acerifolia	London planetree	2"	n/a	Dead	Destroy
14	Platanus x acerifolia	London planetree	2.9"	5'	Poor	Replace
15	Platanus x acerifolia	London planetree	2.6"	5'	Poor	Replace
16	Platanus x acerifolia	London planetree	2.6"	4'	Poor	Replace
17	Platanus x acerifolia	London planetree	2.7"	5'	Good	Preserve
18	Acer platanoides	Norway Maple	2.1"	3'	Good	Preserve
19	Acer platanoides	Norway Maple	2"	4'	Good	Preserve

#	Botanic name	Common Name	DBH Dia.	Canopy Dia.	Rating	Preserve/Replace/Relocate / Destroy
20	Acer platanoides	Norway Maple	1.8"	5'	Good	Preserve
21	Malus Species	Crabapple	5.8" / 7"		Dead	Destroy
22	Crataegus phaenopyrum	Washington Hawthorn	3" / 4.4" / 6.9" / 8.2"	21'	Poor	Preserve
23	Malus Species	Crabapple	4.2" / 4.6"	12'	Poor	Preserve
24	Celtis occidentalis	Hackberry	12.7"	24'	Good	Preserve
25	Tilia americana	Linden	3.5"	7'	Poor	Preserve
26	Gleditsia triacanthos	Honeylocust	4.3"	17'	Good	Preserve
27	Gleditsia triacanthos	Honeylocust	3"	11'	Poor	Destroy
28	Malus Species	Crabapple	2.6" / 4" / 4" / 4.1" / 4.2" / 5.6"	21'	Poor	Destroy
29	Gleditsia triacanthos	Honeylocust	2.8"	10'	Good	Preserve
30	Gleditsia triacanthos	Honeylocust	2.2"	10'	Good	Preserve
31	Gleditsia triacanthos	Honeylocust	2.8"	9'	Poor	Destroy
32	Gleditsia triacanthos	Honeylocust	2"	7'	Poor	Destroy
33	Gleditsia triacanthos	Honeylocust	2.5"	10'	Good	Preserve
34	Gleditsia triacanthos	Honeylocust	2.5"	10'	Good	Preserve

NOTE: Trees marked as "preserve" are to be surrounded at the dripline with 4' tall tree protection fencing (where dripline extends over pavement, place fence at edge of paving).



Date of Tree Survey Field Work: 11/22/2019

**Tree Survey and Rating Assignment Limitations/Definitions:**

- Unless otherwise stated all trees are surveyed from ground level using non-invasive visual observation. The disclosure of hidden crown and stem defects, in particular where they may be above a reachable height or covered in ivy or in areas of ground vegetation, or deep snow cannot therefore be expected. The absence of foliage due to fall/winter weather or storm damage may limit the available information.
- Where trees are located wholly or partially on neighboring private land then said land is not accessed and our inspection is therefore restricted to what can reasonably be seen from within the site. Stem diameters of trees located on such land are estimated.
- Where poison ivy is attached to the tree trunk, stem diameters will be estimated.
- Diameter measurements are made at 4.5 feet above the ground (DBH) unless local ordinance requirements dictate different procedures.

Appendix 1460-D: Tree Health Rating	
Rating	General Criteria
Good	The tree is typical of the species and may have 1 or 2 minor problems that are not imminently lethal to the tree, and no significant decay or structural problems. The tree may need care in order to minimize the impact of future stress and to ensure continued health. Invasive species will not be graded Good, regardless of their current health or structure.
Medium	The tree is not typical of the species and/or is an invasive species and/or has significant problems such as ≥ 20 percent deadwood in the crown, serious decay or structural defect, insects, disease or other problems that can be imminently 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.
Poor	The tree is not typical of the species and/or has over 50 percent deadwood in the crown, major decay or structural problems, is hazardous or is severely involved with insects, disease, or other problems that even if aggressively corrected would not result in the long term survival.
Dead	The tree is 90 percent or more dead. A scratch test of under bark areas might be performed where branches can be reached. Stumps with live sprouts up to 3" diameter are graded Dead or not included on the mapping.

NOTE:  
A) The terms "Preserve, Replace, Relocated, Destroy" are from the Village of Orland Park Ordinance. Definitions are self explanatory.

B) None of the trees marked for removal (destroy) require mitigation per village Code Section 6-305: Landscape and Tree Preservation.

**LEGEND**

- Existing Shade Trees
- Existing Evergreen Trees
- Dripline Location as Field Measured
- Property Line
- TPF Tree Protection Fence
- Remove Existing Tree

PROJECT  
**LaGrange Square  
Redevelopment-  
Tree Survey &  
Tree Mitigation**

45 Orland Square Drive,  
Orland Park, Illinois 60462

PROJECT TEAM

uplandDesign Ltd  
Park Planning and Landscape Architecture  
24042 Lockport St, Plainfield, Illinois 60544  
815-254-0091 www.uplanddesign.com

Heath A. Wright, PLA  
ISA Arborist IL - 9435A

SHEET TITLE  
**Tree Mitigation  
Plan**

SHEET NUMBER **L1**

DRAW / REVISION	Tree Survey	26NOV2019