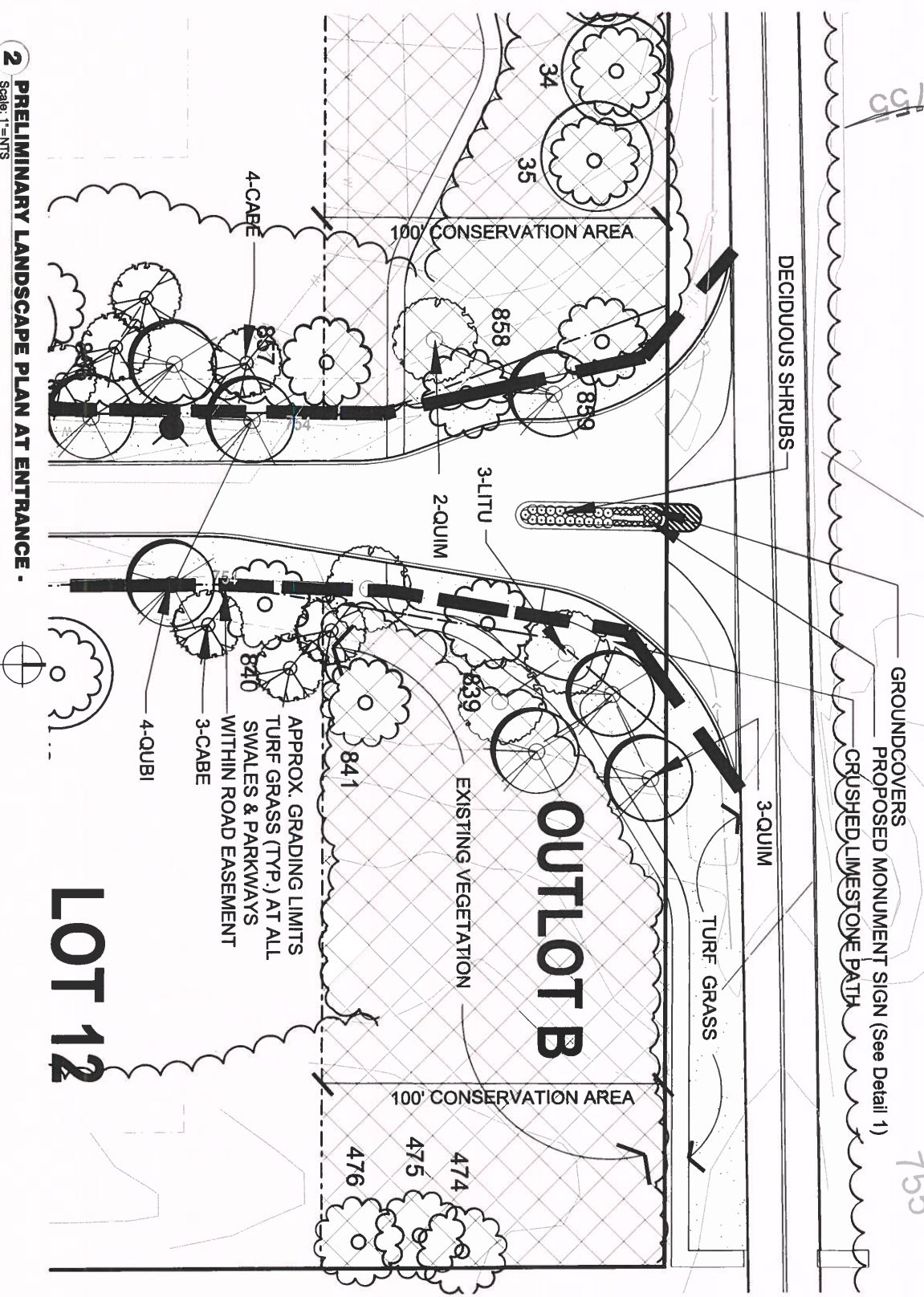


1 PRELIMINARY MONUMENT SIGN -

Scale: 1"=1'-0"



2 PRELIMINARY LANDSCAPE PLAN AT ENTRANCE -

Scale: 1"=1'-0"

Scientific Name	Common Name	OZ/Acre	Unit
<i>Syriza</i>	common milkweed	2	Seed
<i>Asclepias tuberosa</i>	butterfly weed	2	Seed
<i>Asclepias laevis</i>	smooth blue asier	1	Seed
<i>Coreopsis palmata</i>	prairie coreopsis	1	Seed
<i>Dalea candida</i>	white prairie clover	1.5	Seed
<i>Echinacea purpurea</i>	broad-leaved purple coneflower	7	Seed
<i>Liatris aspera</i>	rough blazing star	0.5	Seed
<i>Rudbeckia subtomentosa</i>	Sweet Black Eyed Susan	1	Seed
<i>Bouteloua curtipendula</i>	Sideoats grama	2.75	Seed
<i>Pennisetum digitalis</i>	foxglove beard tongue	0.5	Seed
<i>Schizanthium scoparium</i>	litt le bluestem	36	Seed
<i>Sporobolus heterolepis</i>	prairie dropseed	16	Seed

Short Grass Prairie Seed Mix

Scientific Name	Common Name	PLS	Ounces/Acre
<i>Bouteloua curtipendula</i>	Side Oats Grama	16.00	
<i>Elymus virginicus</i>	Virginia Wild Rye	400.00	
<i>Koeleria cristata</i>	June Grass	1.00	
<i>Panicum virgatum</i>	Switch Grass	8.00	
<i>Schizanthium scoparium</i>	Little Bluestem	360.00	
<i>Avena sativa</i>	Common Oat	100.00	
<i>Lolium multiflorum</i>	Annual Rye	0.50	
<i>Amorpha canescens</i>	Lead Plant	0.50	
<i>Anemone cylindrica</i>	Thimbleweed	0.50	
<i>Asclepias syriaca</i>	Common Milkweed	2.00	
<i>Asclepias tuberosa</i>	Butterfly Milkweed	2.00	
<i>Aster ericoides</i>	Heath Aster	0.25	
<i>Aster laevis</i>	Smooth Blue Aster	1.00	
<i>Aster novae angliae</i>	New England Aster	0.50	
<i>Baptisia lactea</i>	White Wild Indigo	2.00	
<i>Chamaecrista fasciculata</i>	Partridge Pea	12.00	
<i>Coreopsis lanceolata</i>	Sand Coreopsis	5.00	
<i>Coreopsis palmata</i>	Prairie Coreopsis	1.00	
<i>Dalea candida</i>	White Prairie Clover	1.50	
<i>Dalea purpurea</i>	Purple Prairie Clover	1.50	
<i>Desmanthus illinoensis</i>	Illinois Sensitive Plant	3.00	
<i>Echinacea purpurea</i>	Broad-Leaved Purple Coneflower	7.00	
<i>Eryngium yuccifolium</i>	Rattlesnake Master	3.00	
<i>Lespedeza capitata</i>	Round-Head Bush Clover	2.00	
<i>Liatris aspera</i>	Rough Blazing Star	0.50	
<i>Lupinus perennis</i>	Wild Lupine	4.00	
<i>Moranda fistulosa</i>	Wild Bergamot	0.75	
<i>Parthenium integrifolium</i>	Wild Quinine	1.00	
<i>Penstemon digitalis</i>	Foxglove Beard Tongue	0.50	
<i>Pycnanthemum virginianum</i>	Hairy Beard Tongue	0.50	
<i>Raietida pinnata</i>	Common Mountain Mint	1.00	
<i>Rudbeckia hirta</i>	Yellow Coneflower	6.00	
<i>Rudbeckia subtomentosa</i>	Black-Eyed Susan	5.00	
<i>Silphium terebinthaceum</i>	Sweet Black-Eyed Susan	9.00	
<i>Solidago rigida</i>	Prairie Dock	0.50	
<i>Solidago speciosa</i>	Stiff Goldenrod	1.00	
<i>Tradescantia ohiensis</i>	Showy Goldenrod	0.50	
<i>Verbena stricta</i>	Common Spiderwort	0.75	
<i>Vernonia spp.</i>	Hoary Vervain	1.00	
<i>Vernonia spp.</i>	Ironweed (Various Mix)	4.00	
<i>Vernonia spp.</i>	Clivers Pool	0.25	

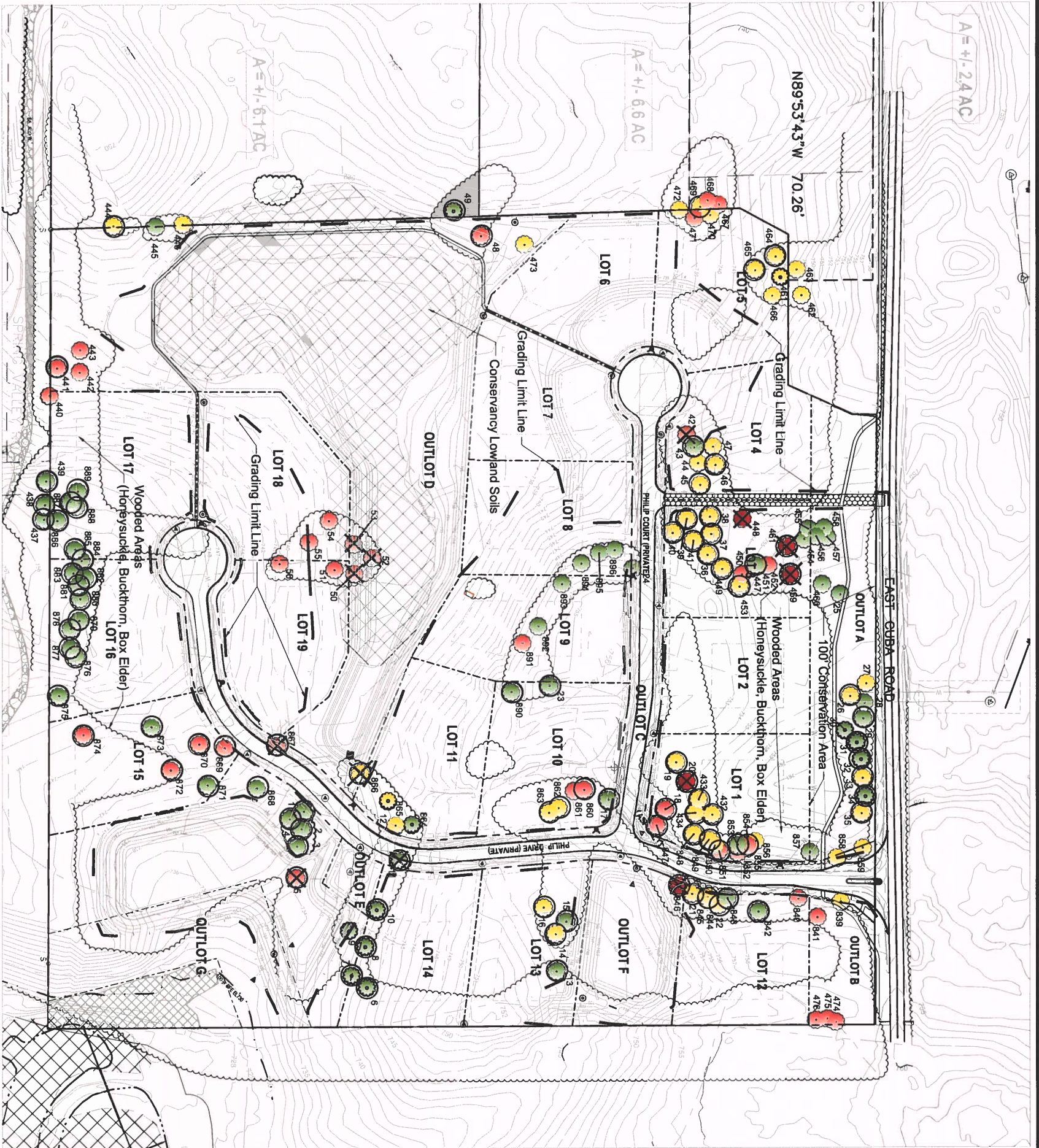
Wet Mesic Seed Mix

Prepared For:
Philip Estates, LLC
8150 W. 159th Street
Orland Park, IL 60462

AK ALLEN L. KRACOWER & ASSOCIATES, INCORPORATED
100 NORTH BROADWAY, SUITE 200 | LAKE BLUFF, ILLINOIS 60044

LANDSCAPE PLAN DETAILS
PHILIP ESTATES SUBDIVISION
CUBA ROAD
LONG GROVE, ILLINOIS

PROJECT NUMBER	2020005	DESIGNED BY	LD
SCALE	AS NOTED	REVIEWED BY	LD
DATE	2-1-2020	PROJECT MANAGER	LD
SHEET NUMBER	LP-2		



1 EXISTING TREE SURVEY & PRESERVATION PLAN
SCALE: 1"=80'



- Existing Tree Legend:**
- GOOD TREE
 - FAIR TREE
 - POOR TREE
 - DEAD TREE
 - PROTECTED TREE per Village Ordinance
 - TREE TO BE REMOVED

GENERAL NOTES:
Existing trees were inventoried on October 17 and December 23, 2019. A total of 157 trees were identified on the property that had a minimum diameter at breast height (4.5") of 12". Trees were measured for diameter, and identified to their respective genus and species, as well as their general health condition. Trees that are identified as Protected Trees comply with Chapter 10, Tree Preservation Ordinance as a Protected Tree in size and species. Tree were evaluated according to common horticultural standards and given a general description of the general health and structure, i.e., good, fair, poor. Tree locations

Good: Healthy branches and full crown, no major limbs in crown dead or dying, leaves healthy, no apparent wounds or diseases, no apparent hollow spots or gaps in the bark of the main trunk or major limbs. Good structure, few weak crotches, trunk not leaning excessively.

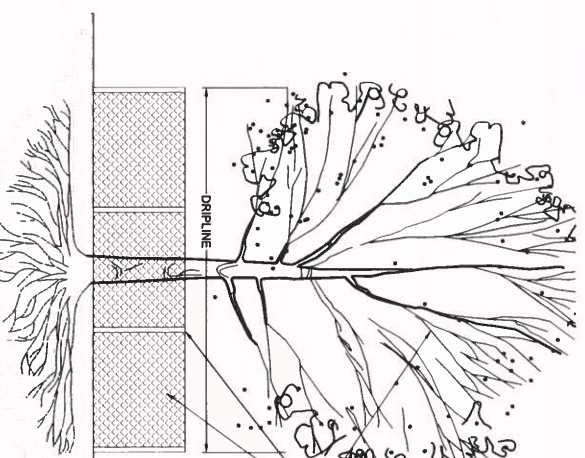
Fair: One or more of the following defects: Some major branches in crown dead or dying (but at least 50% still alive), apparent wounding, gaps in bark, cooding sap, areas of light colored or yellowed foliage, weak crotches, excessively leaning trunk, some broken major limbs or missing / broken or headed back central leader.

Poor: Over 50% of the tree is dead, major wounding, major disease, weak spots, hollow base, may result in imminent collapse of the tree, excessive lean of trunk, broken trunk, or partial/ complete uprooting of tree.

Dead: Tree is completely dead, no display of foliage, tree has fallen to the ground.

Protected Tree: Tree (s) designated in the Village Ordinance of having a minimum diameter at breast height of 8"-10" or greater and consist of the following species:

- Basewood / Linden
- Black Walnut
- Hackberry
- Hickory
- Ironwood
- Black Oak / Bur Oak/ Hill's Oak/ Red Oak/ Swamp White Oak/ White Oak
- Sugar Maple
- Wild Black Cherry



PRUNE BRANCHES IF DIRECTED BY LANDSCAPE ARCHITECT
REMOVE ALL DEAD LIMBS FROM CANOPY
METAL FENCE POSTS WITH 48" HT. PLASTIC MESH
INSTALL FENCE ALONG DRIPLINE OF TREE TO BE PRESERVED

NOTE: PROTECTING EXISTING TREES AND ALL CONSTRUCTION WORK HAS BEEN COMPLETED. TREE PROTECTION FENCE LAYOUT TO BE STAGED ON-SITE FOR REVIEW BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

2 TYPICAL TREE PROTECTION FENCE
SCALE: NTS

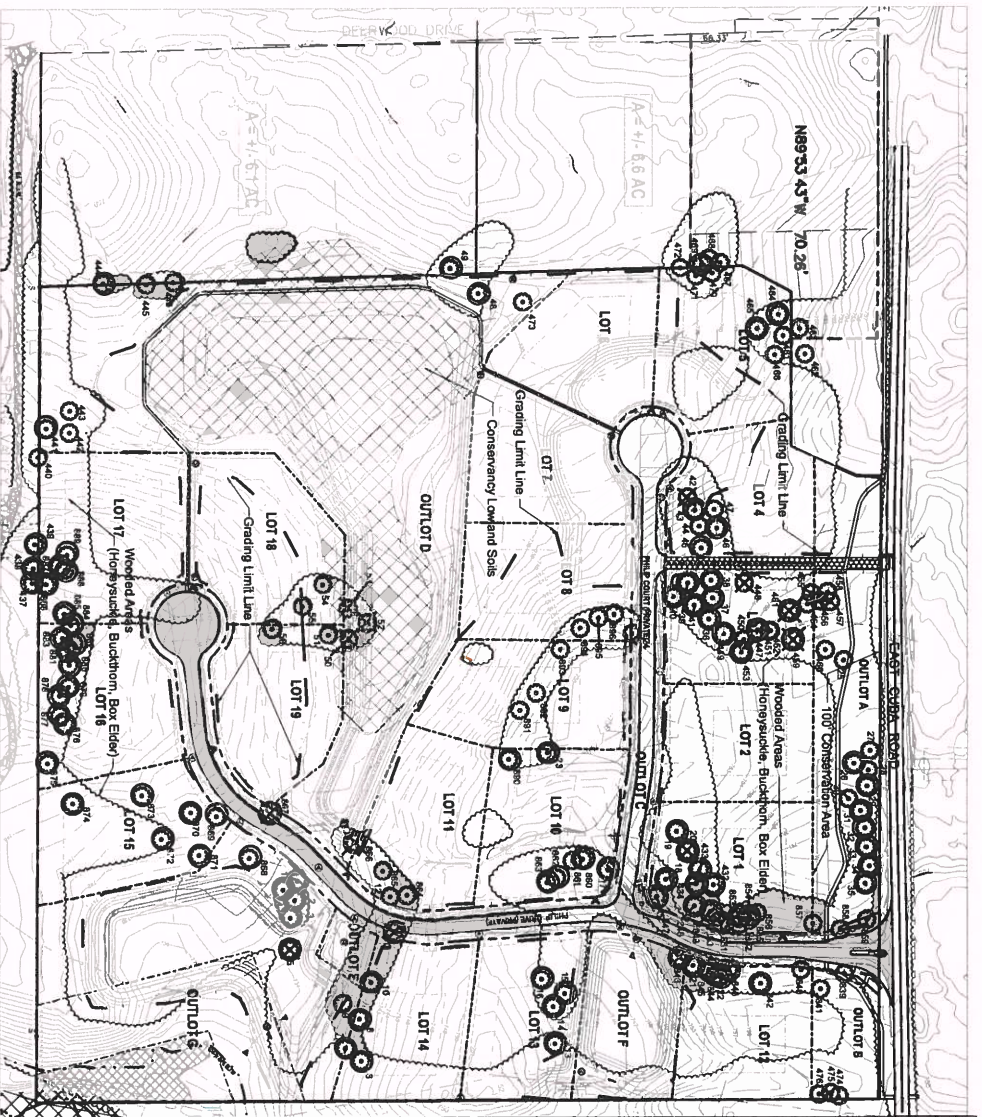
EXISTING TREE SURVEY & PRESERVATION PLAN

PHILIP ESTATES SUBDIVISION
CUBA ROAD
LONG GROVE, ILLINOIS

Prepared For:
Philip Estates, LLC
8150 W. 159th Street
Orland Park, IL 60462

AK ALLEN L. KRACOWER
& ASSOCIATES, INCORPORATED
LANDSCAPE ARCHITECTS | ILLINOIS LICENSE NO. 001-00000000
100 NORTH SHORE DRIVE, SUITE 200 | LONG BEACH, ILLINOIS 60154

PROJECT NUMBER	2020005	DESIGNED BY	LD
SCALE	AS NOTED	REVIEWED BY	LD
DATE	2-1-2020	PROJECT MANAGER	LD
SHEET NUMBER	TS-1		



1 EXISTING TREE SURVEY & PRESERVATION KEY PLAN
SCALE: NTS

Tag No.	Scientific Name	Common Name	Size (DBH)	Condition	Heritage Tree
1	Quercus rubra	Northern Red Oak	36"	Good	X
2	Quercus rubra	Northern Red Oak	30"	Good	X
3	Quercus rubra	Northern Red Oak	30"	Good	X
4	Quercus rubra	Northern Red Oak	30"	Fair	X
5	Celtis occidentalis	Common Hackberry	27"	Poor	X
6	Tilia americana	Linden/Basswood	30"	Good	X
7	Acer saccharum	Sugar Maple	30"	Good	X
8	Acer saccharum	Sugar Maple	30"	Good	X
9	Gleditsia tricanthos	Honey Locust	28"	Good	X
10	Tilia americana	Linden/Basswood	36"	Good	X
11	Tilia americana	Linden/Basswood	36"	Good	X
12	Fraxinus americana	Green Ash	24"	Fair	X
13	Tilia americana	Linden/Basswood	24"	Fair	X
14	Tilia americana	Linden/Basswood	20"	Fair	X
15	Tilia americana	Linden/Basswood	20"	Fair	X
16	Celtis occidentalis	Common Hackberry	30"	Fair	X
17	Acer saccharum	Sugar Maple	12"	Fair	X
18	Acer saccharum	Sugar Maple	12"	Fair/Poor	X
19	Acer saccharum	Sugar Maple	18"	Dead	X
20	Acer saccharum	Sugar Maple	30"	Good	X
21	Quercus rubra	Red Oak	30"	Fair	X
22	Acer saccharum	Sugar Maple	8'-12"	Fair	X
23	Quercus rubra	Red Oak	30"	Good	X
24	Fraxinus americana	Green Ash	24"	Fair	X
25	Gleditsia tricanthos	Honey Locust	24"	Good	X
26	Celtis occidentalis	Common Hackberry	24"	Good	X
27	Gleditsia tricanthos	Honey Locust	18"	Fair	X
28	Gleditsia tricanthos	Honey Locust	12"	Good	X
29	Celtis occidentalis	Common Hackberry	24"	Good	X
30	Gleditsia tricanthos	Honey Locust	18"	Good	X
31	Quercus rubra	Red Oak	18"	Good	X
32	Acer saccharum	Sugar Maple	18"	Good	X
33	Acer saccharum	Sugar Maple	36"	Fair	X
34	Quercus rubra	Red Oak	18"	Good	X
35	Acer saccharum	Sugar Maple	24"	Fair	X
36	Acer saccharum	Sugar Maple	24"	Fair	X
37	Acer saccharum	Sugar Maple	25"	Fair	X
38	Quercus rubra	Red Oak	27"	Fair	X
39	Quercus rubra	Red Oak	18"	Fair	X
40	Quercus palustris	Pin Oak	16"	Fair	X
41	Quercus palustris	Pin Oak	16"	Fair	X
42	Fraxinus americana	Green Ash	36"	Poor	X
43	Gleditsia tricanthos	Honey Locust	14"	Good	X
44	Gleditsia tricanthos	Honey Locust	14"	Fair	X
45	Quercus palustris	Pin Oak	16"	Fair	X
46	Quercus palustris	Pin Oak	14"	Fair	X
47	Gleditsia tricanthos	Honey Locust	14"	Fair	X
48	Quercus rubra	Red Oak	30"	Good	X
49	Quercus rubra	Red Oak	30"	Good	X
50	Alnus glutinosa	Black Alder	8'-10'-12"	Fair	X
51	Alnus glutinosa	Black Alder	10'-8'-12"	Fair	X
52	Alnus glutinosa	Black Alder	12'-8'-12"	Fair	X
53	Alnus glutinosa	Black Alder	10'-8'-12"	Fair	X
54	Quercus rubra	Red Oak	24"	Fair	X
55	Quercus rubra	Red Oak	30"	Fair	X
56	Quercus rubra	Red Oak	28"	Fair	X
432	Quercus palustris	Pin Oak	30"	Fair	X
433	Acer saccharum	Sugar Maple	36"	Fair	X
434	Prunus serotina	Black Cherry	10"	Fair	X
437	Prunus serotina	Black Cherry	18"	Good	X
438	Prunus serotina	Black Cherry	14"	Good	X
439	Prunus serotina	Black Cherry	12"	Good	X
440	Acer negundo	Box Elder	14"	Poor	X
441	Acer saccharum	Sugar Maple	24"	Poor	X
442	Gleditsia tricanthos	Honey Locust	18"	Poor	X
443	Gleditsia tricanthos	Honey Locust	18"	Poor	X
444	Tilia americana	Linden/Basswood	18"	Fair	X
445	Acer platanoides	Norway Maple	24"	Good	X
446	Acer platanoides	Norway Maple	24"	Fair	X
447	Acer saccharum	Sugar Maple	24"	Good	X
448	Tilia americana	Linden/Basswood	30"	Dead	X
449	Acer saccharum	Sugar Maple	20"	Fair	X
450	Ostrya virginiana	Ironwood	18"	Poor	X
451	Prunus serotina	Black Cherry	14"	Poor	X
452	Prunus serotina	Black Cherry	14"	Poor	X
453	Acer saccharum	Sugar Maple	24"	Fair	X
454	Tilia americana	Linden/Basswood	20"	Good	X
455	Quercus palustris	Pin Oak	24"	Good	X
456	Quercus palustris	Pin Oak	20"	Good	X
457	Quercus palustris	Pin Oak	22"	Good	X
458	Quercus bicolor	Swamp White Oak	22"	Good	X
459	Acer saccharum	Sugar Maple	22"	Dead	X
460	Gleditsia tricanthos	Honey Locust	18"	Good	X
461	Aesculus hippocastanum	Horsechestnut	18"	Fair	X
462	Gleditsia tricanthos	Honey Locust	18"	Fair	X
463	Acer rubrum	Red Maple	18"	Fair	X
464	Tilia americana	Linden/Basswood	20"	Fair	X
465	Acer rubrum	Red Maple	18"	Fair	X
466	Acer rubrum	Red Maple	18"	Fair	X

467	Betula Species	Birch Species	12'-18"	Poor	
468	Betula Species	Birch Species	10'-12"	Poor	
469	Tilia americana	Linden/Basswood	24"	Fair	X
470	Betula Species	Birch Species	12'-18"	Fair	
471	Betula Species	Birch Species	10'-12"	Poor	
472	Betula Species	Birch Species	10'-12'-18"	Fair	
473	Gleditsia tricanthos	Honey Locust	30"	Fair	
474	Prunus serotina	Black Cherry	22"	Poor	X
475	Prunus serotina	Black Cherry	18"	Poor	X
476	Prunus serotina	Black Cherry	18"	Poor	X
477	Quercus rubra	Northern Red Oak	20"	Good	X
839	Gleditsia tricanthos	Honey Locust	22	Good	
840	Gleditsia tricanthos	Honey Locust	22	Good	
841	Quercus palustris	Pin Oak	20	Good	X
842	Quercus palustris	Pin Oak	28	Good	X
843	Quercus palustris	Pin Oak	24	Good	X
844	Acer saccharum	Sugar Maple	17	Good	X
845	Acer saccharum	Sugar Maple	19	Good	X
846	Acer saccharum	Sugar Maple	17	Good	X
847	Acer saccharum	Sugar Maple	28	Good	X
848	Acer saccharum	Sugar Maple	24	Good	X
849	Acer saccharum	Sugar Maple	18	Fair	X
850	Acer saccharum	Sugar Maple	14	Good	X
851	Acer saccharum	Sugar Maple	14	Fair	X
852	Acer saccharum	Sugar Maple	24	Good	X
853	Acer saccharum	Sugar Maple	10	Good	X
854	Acer saccharum	Sugar Maple	10	Good	X
855	Ulmus americana	American Elm	21	Good	X
856	Fraxinus pennsylvanica	Green Ash	26	Good	X
857	Gleditsia tricanthos	Honey Locust	21	Good	X
858	Gleditsia tricanthos	Honey Locust	22	Good	X
859	Celtis occidentalis	Hackberry	27	Good	X
860	Morus alba	White Mulberry	12	Good	X
861	Prunus serotina	Black Cherry	18	Fair	X
862	Quercus palustris	Pin Oak	26	Good	X
863	Quercus palustris	Pin Oak	20	Good	X
864	Acer saccharum	Sugar Maple	25	Good	X
865	Aesculus hippocastanum	Horse Chestnut	21	Good	X
866	Prunus serotina	Black Cherry	20	Good	X
867	Acer saccharum	Sugar Maple	11	Dead	X
868	Acer saccharum	Sugar Maple	16	Poor	X
869	Acer saccharum	Sugar Maple	18	Good	X
870	Acer saccharum	Sugar Maple	22	Good	X
871	Acer saccharum	Sugar Maple	18	Good	X
872	Quercus macrocarpa	Bur Oak	17	Good	X
873	Quercus macrocarpa	Bur Oak	17	Good	X
874	Quercus macrocarpa	Bur Oak	18	Good	X
875	Acer saccharum	Sugar Maple	14	Good	X
876	Quercus rubra	Bur Oak	24	Good	X
877	Quercus rubra	Bur Oak	22	Good	X
878	Quercus macrocarpa	Bur Oak	24	Good	X
879	Quercus macrocarpa	Bur Oak	22	Good	X
880	Quercus macrocarpa	Bur Oak	22	Good	X
881	Quercus macrocarpa	Bur Oak	20	Good	X
882	Quercus rubra	Northern Red Oak	20	Good	X
883	Quercus macrocarpa	Bur Oak	22	Good	X
884	Quercus rubra	Northern Red Oak	20	Good	X
885	Quercus macrocarpa	Bur Oak	22	Good	X
886	Quercus rubra	Northern Red Oak	23	Good	X
887	Quercus rubra	Northern Red Oak	22	Good	X
888	Quercus macrocarpa	Bur Oak	18	Good	X
889	Quercus rubra	Northern Red Oak	23	Good	X
890	Quercus palustris	Pin Oak	22	Good	X
891	Gleditsia tricanthos	Honey Locust	21	Good	X
892	Gleditsia tricanthos	Honey Locust	22	Good	X
893	Gleditsia tricanthos	Honey Locust	18	Good	X
894	Acer saccharum	Sugar Maple	16	Good	X
895	Acer saccharum	Sugar Maple	13	Good	X
896	Fraxinus pennsylvanica	Green Ash	24	Good	X

TREE INVENTORY

PHILIP ESTATES SUBDIVISION
CUBA ROAD
LONG GROVE, ILLINOIS

DATE: _____

Prepared For:
Philip Estates, LLC
8150 W. 159th Street
Orland Park, IL 60462

ALLEN L. KRACOWER
& ASSOCIATES, INCORPORATED

LANDSCAPE ARCHITECTS URBAN PLANNERS REAL ESTATE CONSULTANTS
800 NORTH BIRCH DRIVE, SUITE 200 | LAKE BLUFF, IL 60064

TS-2

PROJECT NUMBER: 2020005
SCALE: AS NOTED
DATE: 2-1-2020

DESIGNED BY: LD
REVIEWED BY: LD
PROJECT MANAGER: LD

