

Planting Legend:

	TURF GRASS SEED & BLANKET		PROPOSED SHADE TREE & STREET TREE
	NATIVE WET MESIC SEED & BLANKET		PROPOSED NATIVE TREE GROUPING
	SHORT GRASS PRAIRIE SEED MIX & BLANKET		PROPOSED ORNAMENTAL TREE
	CONSERVATION AREA		EXISTING TREES (See Tree Preservation Plan for Details)

	GOOD TREE		896
	FAIR TREE		895
	POOR TREE		
	DEAD TREE		PROPOSED SHRUBS
			TREE to be REMOVED (Pending final grading plan)

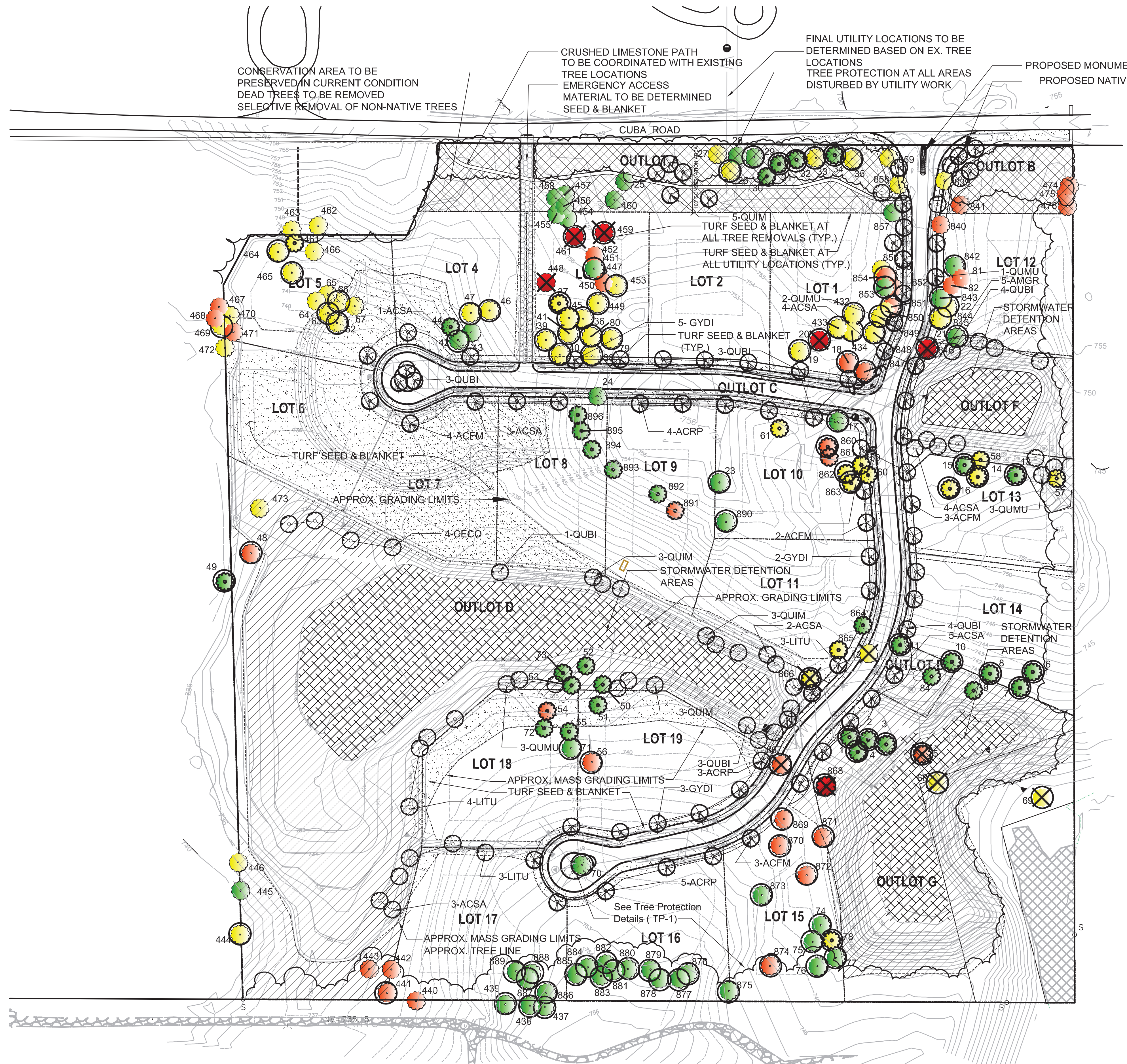
KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
SHADE TREES					
QUM	16	Quercus imbricaria	Shingle Oak	2.5" Cal.	
QUMU	9	Quercus muehlenbergii	Chinquapin Oak	2.5" Cal.	
QUBI	22	Quercus bicolor	Swamp White Oak	2.5" Cal.	
ACRP	12	Acer rubrum 'Redpointe'	Redpointe Red Maple	2.5" Cal.	
ACFM	12	Acer freemanii 'Marmo'	Marmo Freeman Maple	2.5" Cal.	
CEOC	7	Celtis occidentalis	Common Hackberry	2.5" Cal.	
GYDI	10	Gymnodadus dioica	Kentucky Coffeetree	2.5" Cal.	
LITU	10	Liriodendron tulipifera	Tuliptree	2.5" Cal.	
ORNAMENTAL TREES					
AMGR	8	Amelanchier grandiflora 'Autumn Brilliance'	Serviceberry	6' ht. Clump	Heavy Specimen
CABE	4	Carpinus carolinia	American Hornbeam	6'-8' ht. Clump	Heavy Specimen

2 PRELIMINARY PLANT LIST -

PRELIMINARY GENERAL NOTES:

1. THE LANDSCAPE CONTRACTOR IS REQUIRED TO CONTACT J.U.L.I.E., THE COUNTY PUBLIC WORKS DEPARTMENT, THE VILLAGE OF LONG GROVE, AND ANY OTHER PUBLIC OR PRIVATE AGENCY NECESSARY FOR UTILITY LOCATION PRIOR TO ANY CONSTRUCTION.
2. THIS DRAWING IS PART OF A COMPLETE SET OF BID DOCUMENTS, SPECIFICATIONS, ADDITIONAL DRAWINGS, AND EXHIBITS. UNDER NO CIRCUMSTANCES SHOULD THESE PLANS BE USED FOR CONSTRUCTION PURPOSES WITHOUT EXAMINING ACTUAL LOCATIONS OF UTILITIES ON SITE, AND REVIEWING ALL RELATED DOCUMENTS MENTIONED HEREIN, INCLUDING ANY RELATED DOCUMENTS PREPARED BY THE PROJECT ENGINEERS, CROSS ENGINEERING.
3. THE LANDSCAPE ARCHITECT AND CONSULTANTS DO NOT WARRANT OR GUARANTEE THE ACCURACY AND COMPLETENESS OF THE WORK PRODUCT THEREIN BEYOND A REASONABLE STANDARD OF PROFESSIONAL CARE.
4. IF ANY MISTAKES, OMISSIONS, OR DISCREPANCIES ARE FOUND TO EXIST WITH THE WORK PRODUCT, THE LANDSCAPE ARCHITECT SHALL BE PROMPTLY NOTIFIED SO THAT THEY MAY HAVE THE OPPORTUNITY TO TAKE ANY STEPS NECESSARY TO RESOLVE THE ISSUE. FAILURE TO PROMPTLY NOTIFY THE OWNER AND THE LANDSCAPE ARCHITECT OF SUCH CONDITIONS SHALL ABSOLVE THEM FROM ANY RESPONSIBILITY FOR THE CONSEQUENCES OF SUCH FAILURE.
5. ACTIONS TAKEN WITHOUT THE KNOWLEDGE AND CONSENT OF THE OWNER AND THE LANDSCAPE ARCHITECT OR IN CONTRADICTION TO THE OWNER AND THE LANDSCAPE ARCHITECT'S WORK PRODUCT OR RECOMMENDATIONS, SHALL BECOME THE RESPONSIBILITY NOT OF THE OWNER AND THE LANDSCAPE ARCHITECT BUT FOR THE PARTIES RESPONSIBLE FOR THE TAKING OF SUCH ACTION.
6. THE LOCATION OF THE UNDERGROUND UTILITIES AND/OR DRIVEWAYS ARE LOCATED ON ENGINEERING DRAWINGS PREPARED BY THE PROJECT ENGINEER, CROSS ENGINEERING AND ARE PRELIMINARY. THE MOST CURRENT REVISIONS ARE HEREIN MADE PART OF THIS DOCUMENT.
7. UNDERGROUND UTILITIES EXIST THROUGHOUT THIS SITE AND MUST BE LOCATED PRIOR TO CONSTRUCTION.
8. WHERE UNDERGROUND UTILITIES EXIST, FIELD ADJUSTMENT MUST BE APPROVED BY A REPRESENTATIVE OF THE OWNER PRIOR TO INSTALLATION.
9. NEITHER THE OWNER NOR THE LANDSCAPE ARCHITECT ASSUMES RESPONSIBILITY WHATSOEVER, IN RESPECT TO THE CONTRACTOR'S ACCURACY IN LOCATING THE INDICATED PLANT MATERIAL.
10. UNDER NO CIRCUMSTANCES SHOULD THESE PLANS BE USED WITHOUT REFERENCING THE ABOVE MENTIONED DOCUMENTS.
11. CIVIL ENGINEERING BASE INFORMATION HAS BEEN PROVIDED BY CROSS ENGINEERING. SEE CROSS ENGINEERING DRAWINGS FOR UTILITY LOCATIONS. THE LOCATIONS OF VARIOUS UTILITIES ON THIS SET OF DRAWINGS IS ONLY PRELIMINARY AND SHOULD NOT BE RELIED UPON FOR CONSTRUCTION PURPOSES.
12. REFER TO CIVIL ENGINEERING DOCUMENTS FOR DETAILED INFORMATION REGARDING SIZE, LOCATION, DEPTH AND TYPE OF UTILITIES.
13. LOCATIONS OF ALL PLANT MATERIAL ILLUSTRATED ON THE LANDSCAPE PLANS ARE APPROXIMATE. FINAL LOCATIONS SHALL BE DETERMINED IN THE FIELD.
14. THE PLANS CONTAINED HEREIN HAVE BEEN PREPARED TO MEET CERTAIN LANDSCAPING ORDINANCE REQUIREMENTS. ANY DEVIATION FROM THESE PLANS MAY RENDER THEM IN NON-COMPLIANCE WITH THE VILLAGE OF LONG GROVE LANDSCAPING ORDINANCE.

1 PRELIMINARY LANDSCAPE PLAN -
 Scale: 1" = 80'



CONSERVATION AREA TO BE PRESERVED IN CURRENT CONDITION
 DEAD TREES TO BE REMOVED
 SELECTIVE REMOVAL OF NON-NATIVE TREES

CRUSHED LIMESTONE PATH TO BE COORDINATED WITH EXISTING TREE LOCATIONS
 EMERGENCY ACCESS MATERIAL TO BE DETERMINED SEED & BLANKET

FINAL UTILITY LOCATIONS TO BE DETERMINED BASED ON EX. TREE LOCATIONS
 TREE PROTECTION AT ALL AREAS DISTURBED BY UTILITY WORK

PROPOSED MONUMENT SIGN
 PROPOSED NATIVE SHADE TREE

CUBA ROAD

OUTLOT A

OUTLOT B

LOT 1

LOT 2

LOT 4

LOT 5

LOT 6

LOT 7

LOT 8

LOT 9

LOT 10

LOT 13

LOT 14

OUTLOT D

LOT 18

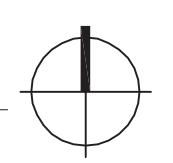
LOT 19

LOT 17

LOT 16

LOT 15

OUTLOT G



GENERAL PLANTING / ACCEPTANCE SPECIFICATIONS

1. Field Verification

The Contractor shall verify all existing conditions and dimensions in the field prior to bidding and report any discrepancies to the Owner or his representative.

2. Protection of Existing Site and Existing Site Features

The Contractor shall provide at his own expense, protection against trespassing and damage to seeded areas, planted areas and other construction areas until the preliminary acceptance. The Contractor shall provide barricades, temporary fencing, signs, written warning or policing as may be required to protect such areas.

The Contractor shall not be responsible for any damage caused by the Owner after such warning has been issued.

It shall be the Contractor's responsibility to locate and protect all existing above and below ground utilities when performing the work. The Contractor shall be responsible for the protection of crowns, trunks and roots of existing trees, shrubs, lawns, paved areas and other landscaped areas that are to remain.

Existing trees which may be subject to construction damage shall be boxed, fenced or otherwise protected before any work is started. Boxing or other protection will be removed at the end of construction. Do not locate heavy equipment or stockpiles within the drip-line of existing plants or on lawns.

Any damage to utilities, structures, plantings or lawn which results from the Contractor's work shall be repaired in kind at the Contractor's expense in a reasonably short period of time with as little inconvenience to the Owner as possible.

3. Planting Techniques

All planting techniques and methods shall be consistent with the latest edition of "Horticulture Standards of Nurserymen, Inc.", and as detailed on these drawings. All deciduous plant material shall be thin pruned to remove 1/3 interior branches, dead branches and broken branches. Pruning shall compliment plants natural form. Absolutely NO tip pruning is allowed, except hedges. Any plant that is tip pruned is subject to rejection by the Landscape Architect. Evergreen trees and shrubs shall be pruned of dead and broken branches and as directed by the Landscape Architect. All pruning work shall be done with hand pruners only.

4. Workmanship

- All work shall be completed by qualified installers that are knowledgeable and experienced in operations they are performing.
- Installation methods and procedures shall in accordance with the accepted industry practice and with standards of manufacturing and contracting associations applicable to all work.

5. Inspection of Plant Material

All plant materials shall be subject to inspection and approval. The Landscape Architect reserves the right to reject any plants which fail to meet this inspection. All rejected material shall be removed from the site by the Contractor. Height of evergreen trees are measured from the ground to the first lateral branch closest to the top. Height and/or width of other plants so specified are measured by the mass of the plant not the very tip of the branches.

6. Plant Material-On-Site

Upon delivery to the site, all nursery stock shall be planted as soon as possible. Plants shall not be exposed to excessive sun or drying winds. Nursery stock which is not satisfactory in the opinion of the Landscape Architect of Record, or Owners representatives shall immediately replace with acceptable stock at the expense of the Contractor.

7. Plant Substitution

Substitution from the specified list will be accepted only when evidence in writing is submitted to the Landscape Architect, showing that the plant specified is not available.

Requests for approval of substitute plant material shall include common and botanical names and size of substitute material. Only those substitutions of at least equivalent size and having essential characteristics similar to the originally specified material will be approved. Acceptance or rejection of substitute plant materials will be issued in writing by the Landscape Architect.

8. Planting Soil

A. Topsoil Testing

The Contractor shall engage an approved agronomic soil testing laboratory. The cost of topsoil testing to be borne by the Contractor. Landscape architect shall approve in writing contractor's proposed soil testing laboratory.

B. Required topsoil Tests

- Chemical analysis indicating:
 - Chemical Analysis: pH, Phosphate phosphorous, potassium, calcium, magnesium, cation exchange capacity, organic matter, available phosphorous potassium, exchangeable magnesium, percent base saturation, soluble salts by saturation, extract, estimated nitrogen release, and sodium adsorption ratio.
 - Nutrient data to be given in parts per million (ppm).

- Physical properties including:
 - Organic content
 - Particle size distribution including percentages of sand, silt, and clay; USDA textural class designation and sand fractionation by ASTM D 422-63

C. Landscape Architect shall approve the topsoil source prior to site delivery.

D. At the discretion of the Landscape Architect soil handling procedures and spreading operations will be demonstrated for conformance approval for conformance with industry standards

E. Planting soil mix shall be protected from water and wind erosion by some type of temporary vegetative cover. All erosion methods shall be approved by the landscape architect.

F. Topsoil for landscape work shall be furnished as specified below:

- A fertile, friable, sandy, loamy surface soil without admixture of subsoil and free of stones, stumps, root, trash, debris, and other materials deleterious to plant growth.
 - Particle size distribution - Loam texture having the proper mix of sand, silt and clay distribution to give favorable fertility, water drainage, and water holding capacity for plant growth as well as soil strength.
 - The pH range shall be 6.8 to 7.4. Topsoil that does not meet this pH range will be amended by the addition of pH adjusters approved by the Landscape Architect.
 - Organic content shall not be less than 4% and not greater than 8% determined by loss through ignition.

9. Mulch

All shrub beds and individual trees shall be mulched with a minimum of 3" finely shredded hardwood or bark mulch. Perennial, groundcover and annual flower beds shall be mulched with 2" of decomposed compost.

10. Pre-emergent Herbicide

All shrub beds, individual tree rings and groundcover beds shall be treated with a pre-emergent herbicide prior to the mulch being installed. These areas shall be weed free prior to herbicide application.

11. Sodding (IF IDENTIFIED ON PLAN)

Sod shall be Kentucky Bluegrass and is required in all areas as noted on the landscape plan. Sod should be grown from at least four varieties of quality seed. Sodded slopes 3:1 or greater shall be staked to prevent erosion and washout. Watering shall continue until all sod areas are thoroughly knit to the ground.

12. Subgrade Preparation

A. The Contractor shall examine the subgrade and verify that elevations are correct per the Civil Plans. Contractor shall observe the conditions under which the work is to be performed and in a written form convey any and all concerns to the General Contractor.

B. The rough grade shall be reviewed by the General Contractor, Civil Engineer, Landscape Architect of Record, and Owners Representatives.

13. Finish Grade Preparation

A. Correct, adjust and / or repair rough graded areas including mounds and ridges. Fill gullies and depressional areas and perform other necessary repairs as needed for a smooth graded appearance.

B. Bring all subgrades to specified elevations, evenly and properly compacted along all hardscape edges and drainage structures.

C. Generally, finish grade shall be 1 1/4" -2" below top of adjacent curbs, walks, and concrete slabs. Finish Grade tolerances is 0.1 ft. plus / minus from indicated contours and or elevations. Finish grade shall be reviewed by the General Contractor, Civil Engineer, Landscape Architect of Record, Owner's Representative prior to installing plantings and mulch.

14. Seeding

All lawn areas on landscape plan specified to be seeded shall be treated as specified below:

A. Topsoil

Shall be spread over all areas to be seeded to a minimum depth of 6" when compacted (to be performed by those other than Landscape Contractor).

- Seed Mixture Application Rate
 - Kentucky Bluegrass (4 varieties): 70%
 - Perennial Ryegrass: 10%
 - Redtop or Creeping Red Fescue: 20%

C. Fertilization

Apply fertilizers and conditioners at the rate specified per soil test findings. In lieu of soil test results, apply two tons ground agricultural limestone and 1,000 lbs. 10-10-10 or equivalent analysis fertilizer per acre. At least 40% of the fertilizer nitrogen shall be of an organic origin.

D. Watering

Seeded areas shall be watered to insure proper germination. Once seeds have germinated, watering may be decreased but the seedlings must never be allowed to dry out completely. Frequent watering should be continued for approximately four (4) weeks after germination or until grass has become sufficiently established to warrant watering on an "as needed" basis.

E. Establishment

Turf is being established on a variety of slope conditions. It shall be the contractor's responsibility to determine and implement whatever procedures he deems necessary to establish the turf as part of his work. Seeded areas will be accepted when all areas show a uniform stand of the specified grass in healthy condition and at least 60 days have elapsed since the completion of this work. The Contractor shall submit with his bid a description of the methods and procedures he intends to use.

15. Preliminary Acceptance

All plantings shall be maintained by the Contractor for a period of 60 days after preliminary acceptance by the Owner. Maintenance shall include, but is not limited to, mowing and edging turf, pulling weeds, watering turf and plant material, and annual flower maintenance. Grass germination rates must meet 85% or greater for acceptance.

16. Warranty

A. Warranty: Warranty that all work in this section shall be free from defects of materials and workmanship for a period of one (1) year from the date of Substantial Completion of the project. Warranty all plant materials, including pre-tagged or pre-purchased materials, for a period of one year from the date of acceptance to be a good, healthy and flourishing condition.

B. Acceptance Procedure:

- Completion of Work: Upon completion of the work, a review will be made by the Landscape Architect upon written notice requesting such a review submitted by the Contractor at least (10) days in advance of the anticipated date. The purpose of the review shall be to determine whether or not the contractor has completed all the work of the contract, including maintenance of all planted areas.

- Review for Substantial Completion: This review shall take place at the same time as the maintenance review. The Landscape Architect will make a review to begin the warranty of planting areas and initiate the 60 day maintenance period on the date requested, by the Contractor, as above specified, or as soon thereafter as possible. Of the work is found to be in compliance with the Contract Documents, the Landscape Architect will notify in writing the Contractor and owner of the beginning of the warranty period.

- Warranty Period: Make periodic inspections during the warranty period to determine what changes should be made to the maintenance program. Submit in writing to the Landscape Architect any recommended changes. Upon completion of the warranty period submit a request for a review at least ten (10) days in advance of the anticipated date.

- Review for Final Acceptance & 11-Month Walk-thru: The Landscape Architect will make a review for Final Acceptance of the Contract work, including maintenance and replacement material. If the work is found to be in compliance, the Architect will recommend acceptance by the Owner, exclusive of possible replacement of plants subject to warranty. If there are any deficiencies in the maintenance, the contractor will be notified of these deficiencies in writing and the work shall be subject to re-review before acceptance.

17. General Landscape Maintenance

A. Maintain trees and shrubs by pruning, cultivating, watering, weeding, fertilizing, restoring planting saucers, tightening and repairing stakes and guy supports, and resetting to proper grades or vertical position, as required to establish healthy, viable plantings. Spray as required to keep trees and shrubs free of insects and disease. Restore or replace damaged tree wrappings.

B. Maintenance Periods: Perform landscape maintenance, as specified hereunder, for the following periods:

- Initial Maintenance: The Contractor is responsible for maintenance of each area until it has been granted preliminary acceptance by the Architect and the warranty period is formally started. Begin maintenance immediately upon delivery to the site and as each plant and each portion is planted, and continue until the end of the 60 day maintenance period.

- Work Not Included: Maintenance of project after the 60 day required maintenance period performed by the Owner's work forces and are not apart of this Contract.

18. Natural Vegetated Areas General Maintenance

1. Maintenance of all detention pond and natural grass areas shall be carried out by a qualified ecological management company with experience with native landscapes.

2. The qualified contractor shall visit the site to monitor the progress and health of the native grass and stormwater naturalized areas.

3. A native maintenance plan shall be submitted to the Owner and Landscape Architect for approval. Plan shall include the following:

- Invasive Non-native weeds: Purple Loosestrife, and other non-native weeds shall be controlled mechanically through the use of herbicide and / or hand pulling or a combination of these methods. If necessary additional native seeding or planting will be required to ensure 85% seed germination coverage.
- Soil Erosion Control Management: All soil erosion control devices, structures and features shall be installed per Cross Engineering plans. Soil shall be permanently stabilized with blanket and fully rooted grass.
- Monitoring: A meander search will be conducted throughout the native areas to assess establishment of the planted vegetation. All vegetation encountered will be identified to the species level. Search will be conducted in May/June or August / September. Overseeding may be necessary the following year to ensure complete establishment.

4) Control and removal of invasive woody and herbaceous plants is vital to the success of the native established areas. Specific recommendations for invasive plant removal will be made based on visual monitoring inspections.

LANDSCAPE SPECIFICATIONS

SHEET TITLE:

ISSUED FOR:

DATE:

REV Tree Survey-Village Submittal 11-10-20

Village Submittal 3-9-2020

PRINCIPAL:

PROJECT NUMBER: 202005 DESIGNED BY: LD

SCALE: AS NOTED REVIEWED BY: LD

DATE: 2-1-2020 PROJECT MANAGER: LD

SHEET NUMBER:

LP-3

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

PHILIP ESTATES SUBDIVISION
CUBA ROAD
LONG GROVE, ILLINOIS

ALLEN L. KRACOWER
& ASSOCIATES, INCORPORATED
LANDSCAPE ARCHITECTS - ILLINOIS LICENSE NO. 001-00000001
100 WEST 10TH STREET, SUITE 200, LAKE BLUFF, ILLINOIS 60067

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

PHILIP ESTATES SUBDIVISION
CUBA ROAD
LONG GROVE, ILLINOIS

PLANTING DETAILS

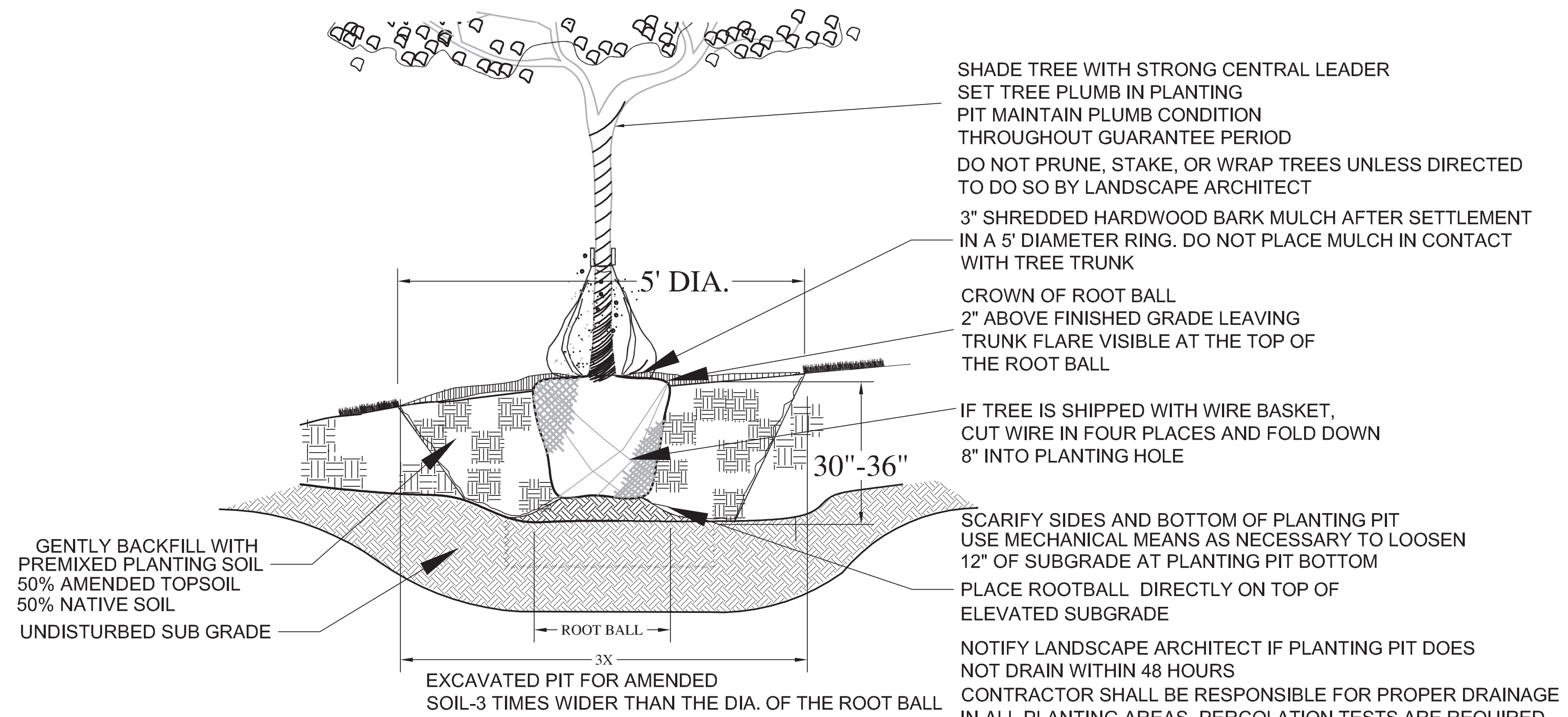
SHEET TITLE:
ISSUED FOR:
DATE:

REV Tree Survey-Village Submittal	11-10-20
Village Submittal	3-9-2020

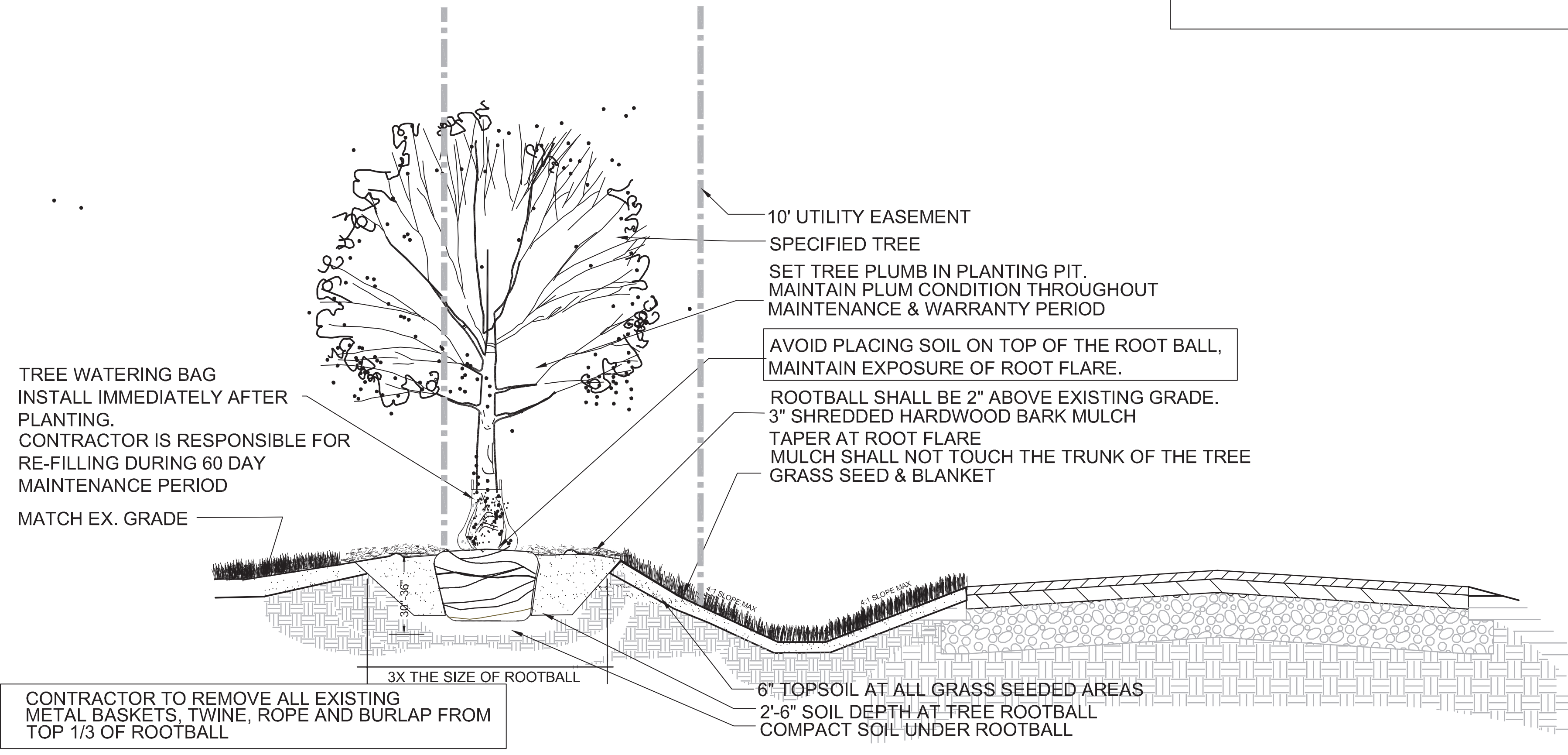
PRINCIPAL:

PROJECT NUMBER:	DESIGNED BY:
202005	LD
SCALE:	REVIEWED BY:
AS NOTED	LD
DATE:	PROJECT MANAGER:
2-1-2020	LD

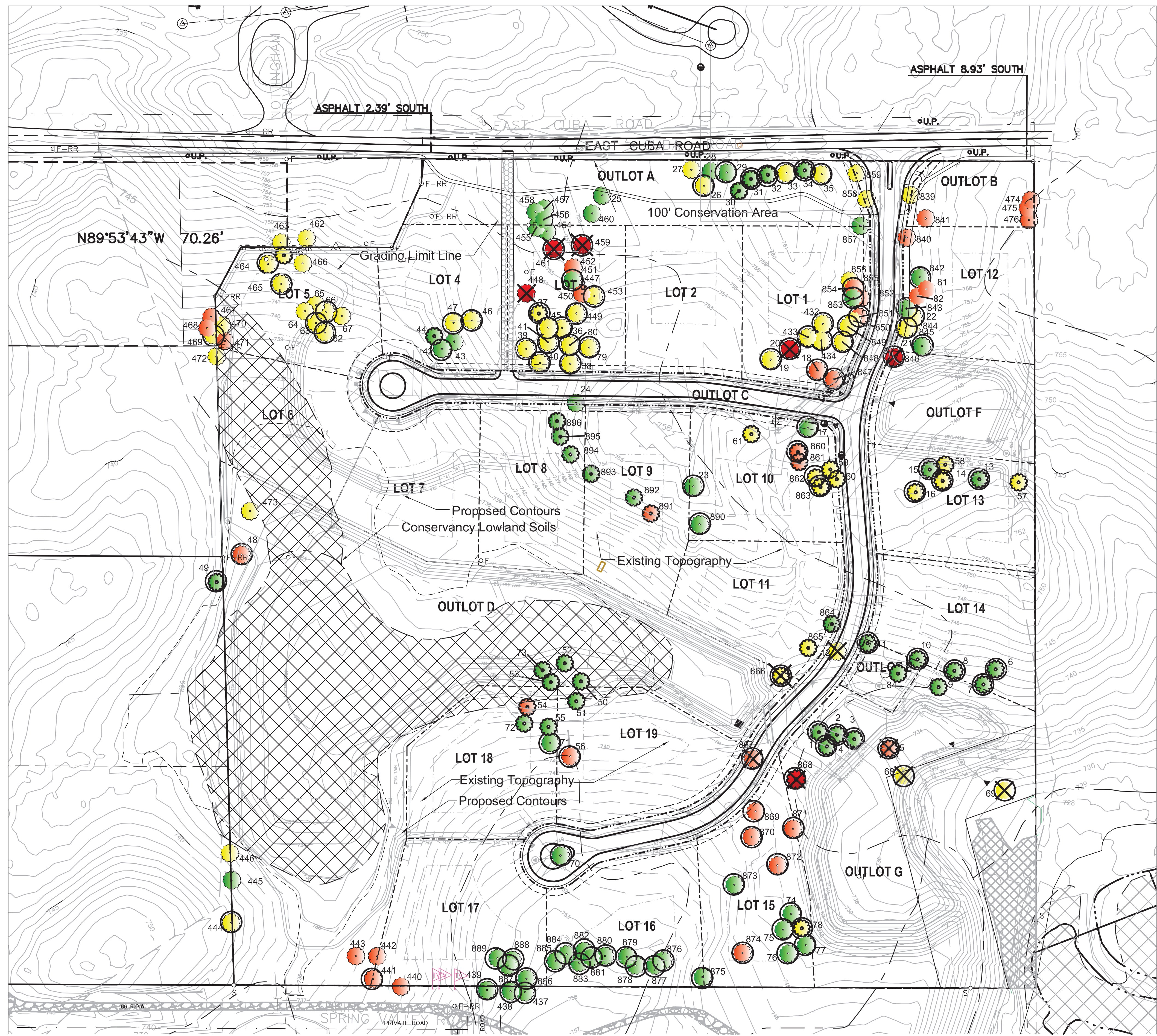
SHEET NUMBER:
LP-4









1 TYPICAL TREE PLANTING DETAIL
N.T.S.



2 TYPICAL PARKWAY TREE PLANTING DETAIL AT ROAD EASEMENT
N.T.S.



Existing Tree Legend:

-  GOOD TREE
-  FAIR TREE
-  POOR TREE
-  DEAD TREE
-  PROTECTED TREE per Village Ordinance
-  TREE to be REMOVED (Pending final grading plan)

GENERAL NOTES:

Existing trees were inventoried on October 17, December 23, 2019, and October 27, 2020. A total of 184 trees were identified on the property that had a minimum diameter at breast height of (4.5') or 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 are not exact in some areas. A complete tree survey will be completed during final engineering.

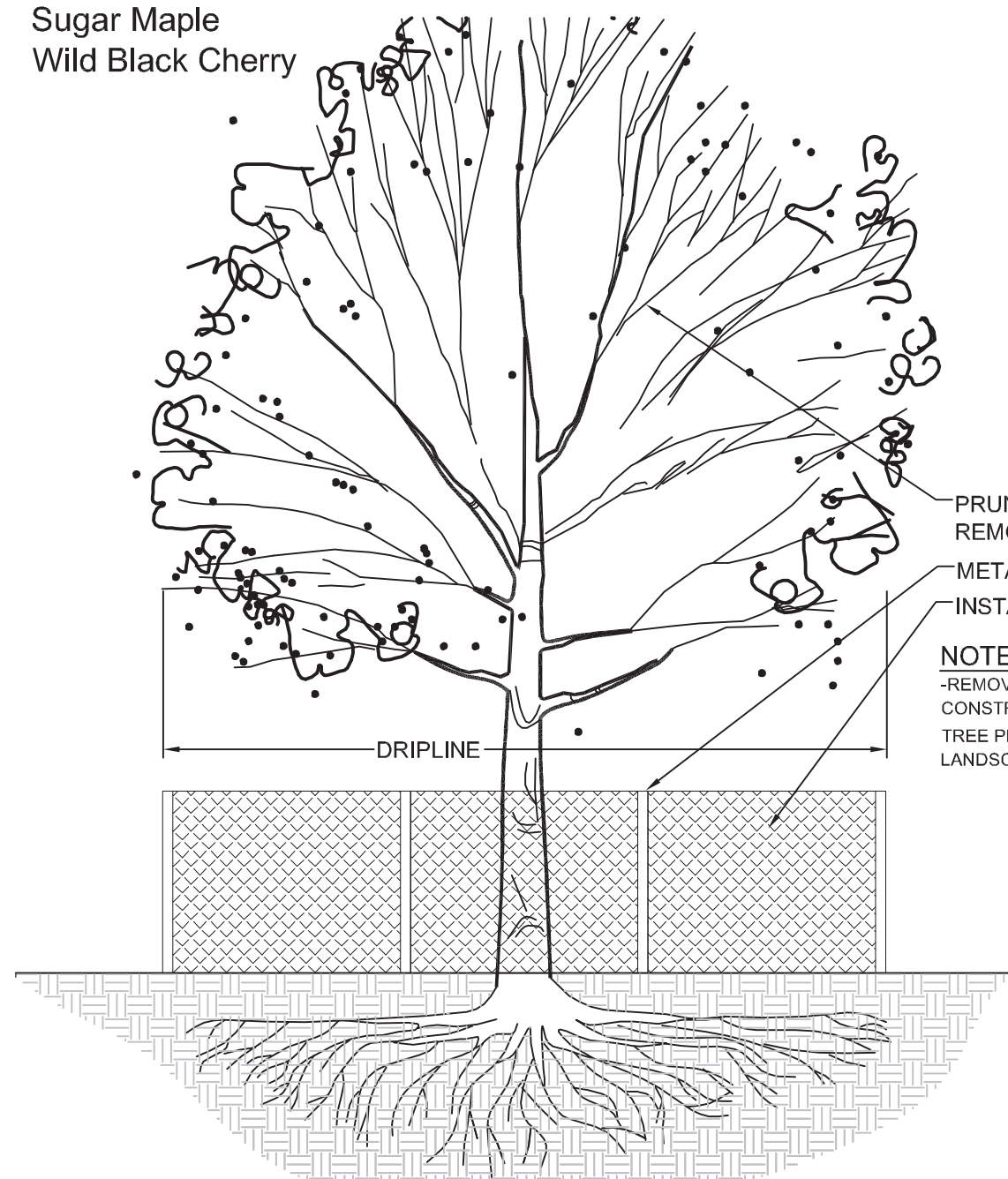
Good: Healthy branches and full crown, no major limbs in crown dead or dying, leaves healthy, no apparent wounds or diseases, no apparent hollow spots or gaps in the bark of the main trunk or major limbs. Good structure, few weak crotches, trunk not leaning excessively.

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, oozing 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:
 Basswood / 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:
 -REMOVE PROTECTIVE FENCING ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED
 -TREE PROTECTION FENCE LAYOUT TO BE STAKED ON-SITE FOR REVIEW BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION

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

2 TYPICAL TREE PROTECTION FENCE
 SCALE: NTS

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

EXISTING TREE SURVEY & PRESERVATION PLAN

PHILIP ESTATES SUBDIVISION

CUBA ROAD
 LONG GROVE, ILLINOIS

ISSUED FOR: _____ DATE: _____

REV Tree Survey-Village Submittal 11-10-20
 Village Submittal 3-9-2020

PRINCIPAL: _____

PROJECT NUMBER: 202005 DESIGNED BY: LD

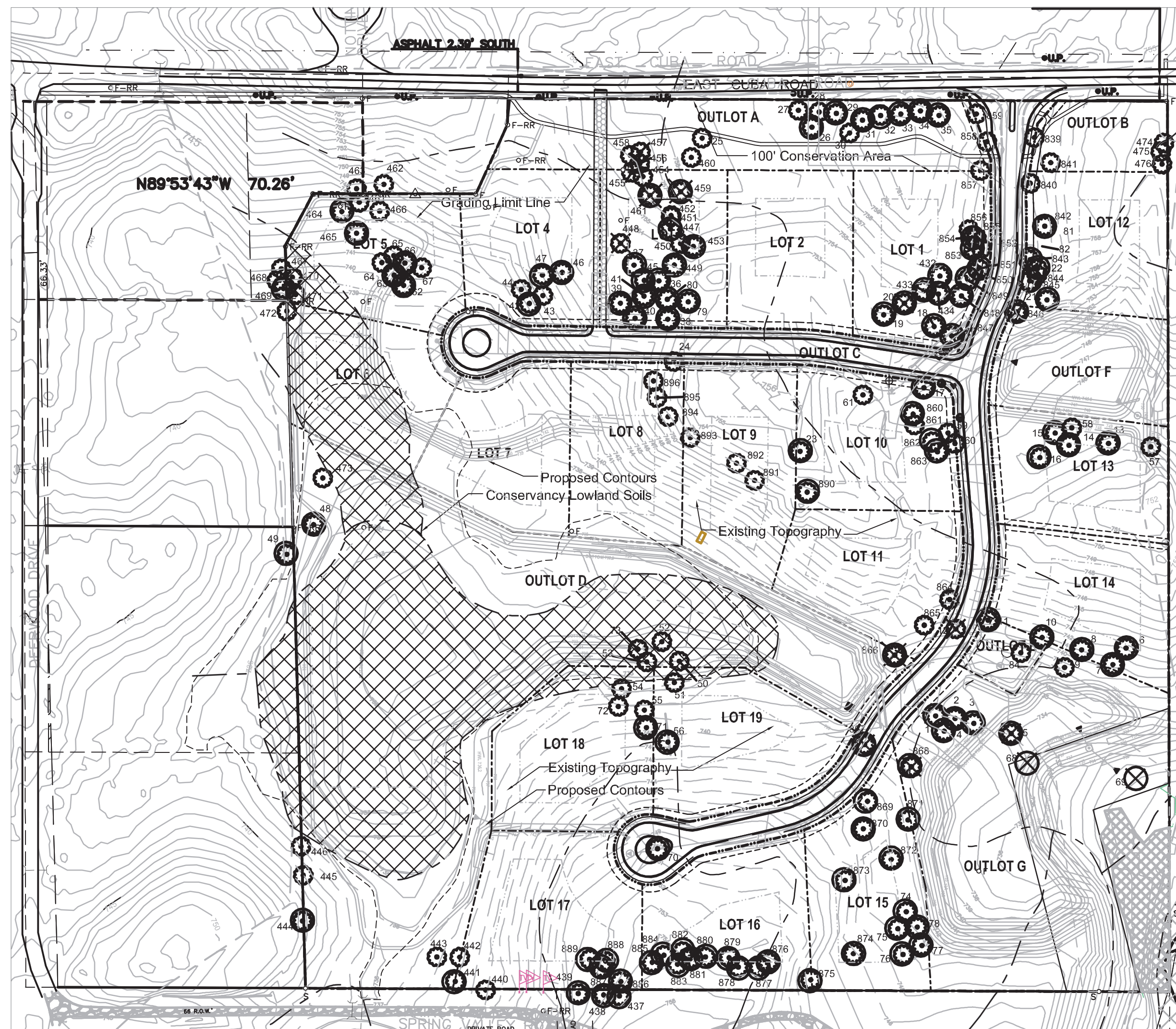
SCALE: AS NOTED REVIEWED BY: LD

DATE: 2-1-2020 PROJECT MANAGER: LD

SHEET NUMBER: _____

TS-1

ALLEN L. KRACOWER & ASSOCIATES, INCORPORATED
 14500 W. 159TH STREET, SUITE 200, ORLAND PARK, ILLINOIS 60462
 TEL: 708.581.1000 FAX: 708.581.1001



1 EXISTING TREE SURVEY & PRESERVATION KEY PLAN
SCALE: NTS

Tag No.	Scientific Name	Common Name	Size (DBH)	Condition	Heritage Tree
1	<i>Quercus rubra</i>	Northern Red Oak	36"	Good	X
2	<i>Quercus rubra</i>	Northern Red Oak	30"	Good	X
3	<i>Celtis occidentalis</i>	Common Hackberry	22"	Good	X
4	<i>Quercus rubra</i>	Northern Red Oak	30"	Fair	X
5	<i>Celtis occidentalis</i>	Common Hackberry	27"	Poor	X
6	<i>Tilia americana</i>	Linden/ Basswood	30"	Good	X
7	<i>Acer saccharum</i>	Sugar Maple	30"	Good	X
8	<i>Acer saccharum</i>	Sugar Maple	30"	Good	X
9	<i>Gleditsia triacanthos</i>	Honeylocust	28"	Good	
10	<i>Tilia americana</i>	Linden/ Basswood	36"	Good	X
11	<i>Tilia americana</i>	Linden/ Basswood	36"	Good	X
12	<i>Fraxinus americana</i>	Green Ash	24"	Dead	
13	<i>Tilia americana</i>	Linden/ Basswood	33"	Good	X
14	<i>Celtis occidentalis</i>	Common Hackberry	33"	Good	X
15	<i>Celtis occidentalis</i>	Common Hackberry	22"	Good	X
16	<i>Celtis occidentalis</i>	Common Hackberry	26"	Poor	X
17	<i>Acer saccharum</i>	Sugar Maple	12"	Fair	X
18	<i>Acer saccharum</i>	Sugar Maple	12"	Fair / Poor	X
19	<i>Acer saccharum</i>	Sugar Maple	18"	Good	X
20	<i>Acer saccharum</i>	Sugar Maple	30"	Dead	X
21	<i>Quercus rubra</i>	Red Oak	30"	Good	X
22	<i>Acer saccharum</i>	Sugar Maple	8"-12"	Fair	X
23	<i>Quercus rubra</i>	Red Oak	30"	Good	X
24	<i>Fraxinus americana</i>	Green Ash	24"	Fair	X
25	<i>Gleditsia triacanthos</i>	Honeylocust	24"	Good	
26	<i>Celtis occidentalis</i>	Common Hackberry	24"	Fair	X
27	<i>Gleditsia triacanthos</i>	Honeylocust	18"	Fair	
28	<i>Gleditsia triacanthos</i>	Honeylocust	12"	Good	
29	<i>Celtis occidentalis</i>	Common Hackberry	24"	Good	X
30	<i>Gleditsia triacanthos</i>	Honeylocust	18"	Good	
31	<i>Acer platanoides</i>	Norway Maple	30"	Poor	
32	<i>Ginkgo biloba</i>	Ginkgo Tree	18"	Good	X
33	<i>Quercus rubra</i>	Red Oak	36"	Fair	X
34	<i>Quercus rubra</i>	Red Oak	18"	Good	X
35	<i>Acer saccharum</i>	Sugar Maple	24"	Fair	X
36	<i>Acer saccharum</i>	Sugar Maple	24"	Fair	X
37	<i>Acer saccharum</i>	Sugar Maple	25"	Fair	X
38	<i>Quercus rubra</i>	Red Oak	27"	Fair	X
39	<i>Quercus rubra</i>	Red Oak	18"	Fair	X
40	<i>Quercus palustris</i>	Pin Oak	18"	Fair	X
41	<i>Quercus palustris</i>	Pin Oak	16"	Fair	X
42	<i>Tilia americana</i>	Basswood	36"	Poor	
43	<i>Gleditsia triacanthos</i>	Common Honeylocust	18"	Good	X
44	<i>Gleditsia triacanthos</i>	Honeylocust	14"	Fair	
45	<i>Quercus palustris</i>	Pin Oak	21"	Fair	X
46	<i>Gleditsia triacanthos</i>	Honeylocust	18"	Fair	X
47	<i>Quercus rubra</i>	Red Oak	14"	Fair	
48	<i>Quercus rubra</i>	Red Oak	30"	Poor	X
49	<i>Quercus rubra</i>	Red Oak	30"	Good	X
50	<i>Betula nigra</i>	River Birch	8"-10"-12"	Good	
51	<i>Betula nigra</i>	River Birch	10"-8"-12"	Good	
52	<i>Betula nigra</i>	River Birch	12"-8"-12"	Good	
53	<i>Betula nigra</i>	River Birch	10"-8"-12"	Good	
54	<i>Fraxinus pennsylvanica</i>	Green Ash	54"	Fair	X
55	<i>Fraxinus pennsylvanica</i>	Green Ash	15"-14"-10"-10"	Fair	X
56	<i>Quercus rubra</i>	Red Oak	24"	Fair	X
57	<i>Celtis occidentalis</i>	Common Hackberry	33"	Good	X
58	<i>Ulmus rubra</i>	Slippery Elm	16"	Fair	
59	<i>Quercus rubra</i>	Red Oak	25"	Good	X
60	<i>Quercus rubra</i>	Red Oak	25"	Good	X
61	<i>Celtis occidentalis</i>	Common Hackberry	24"	Good	X
62	<i>Tilia americana</i>	Basswood	28"	Good	X
63	<i>Acer saccharum</i>	Sugar Maple	20"	Good	X
64	<i>Betula nigra</i>	River Birch	18" Ht.	Good	
65	<i>Betula nigra</i>	River Birch	20" Ht.	Good	
66	<i>Tilia americana</i>	Basswood	18"	Good	X
67	<i>Betula nigra</i>	River Birch	18" Ht.	Good	
68	<i>Celtis occidentalis</i>	Common Hackberry	24"	Good	X
69	<i>Tilia americana</i>	Basswood	31"	Good	X
70	<i>Quercus rubra</i>	Red Oak	25"	Good	X
71	<i>Quercus rubra</i>	Red Oak	20"	Good	X
72	<i>Fraxinus pennsylvanica</i>	Green Ash	36"	Fair	
73	<i>Betula nigra</i>	River Birch	10"-12"-8"	Good	
74	<i>Quercus rubra</i>	Red Oak	17"	Fair	X
75	<i>Quercus alba</i>	White Oak	18"	Fair	X
76	<i>Quercus rubra</i>	Northern Red Oak	18"	Fair	X
77	<i>Quercus rubra</i>	Northern Red Oak	16"	Fair	X
78	<i>Quercus rubra</i>	Northern Red Oak	18"	Fair	X
79	<i>Quercus rubra</i>	Northern Red Oak	24"	Fair	X
80	<i>Quercus rubra</i>	Northern Red Oak	18"	Fair	X
81	<i>Crataegus phaenoprum</i>	Washington Hawthorn	8"	Poor	
82	<i>Crataegus phaenoprum</i>	Washington Hawthorn	10"	Poor	
83	<i>Gleditsia triacanthos</i>	Common Honeylocust	18"	Good	
432	<i>Quercus palustris</i>	Pin Oak	30"	Fair	X
433	<i>Acer saccharum</i>	Sugar Maple	36"	Fair	X
434	<i>Prunus serotina</i>	Black Cherry	10"	Fair	X
437	<i>Prunus serotina</i>	Black Cherry	18"	Good	X
438	<i>Prunus serotina</i>	Black Cherry	14"	Good	X
439	<i>Prunus serotina</i>	Black Cherry	12"	Good	X

440	<i>Acer negundo</i>	Box Elder	14"	Poor	
441	<i>Acer saccharum</i>	Sugar Maple	24"	Poor	X
442	<i>Gleditsia triacanthos</i>	Honeylocust	18"	Poor	
443	<i>Gleditsia triacanthos</i>	Honeylocust	18"	Poor	
444	<i>Tilia americana</i>	Linden/ Basswood	18"	Fair	X
445	<i>Acer platanoides</i>	Norway Maple	20"	Good	
446	<i>Acer platanoides</i>	Norway Maple	24"	Poor	
447	<i>Acer saccharum</i>	Sugar Maple	24"	Good	X
448	<i>Tilia americana</i>	Linden/ Basswood	30"	Dead	X
449	<i>Acer saccharum</i>	Sugar Maple	20"	Fair	X
450	<i>Ostrya virginiana</i>	Ironwood	18"	Poor	X
451	<i>Prunus serotina</i>	Black Cherry	14"	Poor	X
452	<i>Prunus serotina</i>	Black Cherry	14"	Poor	X
453	<i>Acer saccharum</i>	Sugar Maple	24"	Fair	X
454	<i>Tilia americana</i>	Linden/ Basswood	20"	Good	X
455	<i>Quercus palustris</i>	Pin Oak	24"	Good	X
456	<i>Quercus palustris</i>	Pin Oak	20"	Good	X
457	<i>Quercus palustris</i>	Pin Oak	20"	Good	X
458	<i>Quercus bicolor</i>	Swamp White Oak	22"	Good	X
459	<i>Acer saccharum</i>	Sugar Maple	22"	Dead	X
460	<i>Gleditsia triacanthos</i>	Honeylocust	18"	Good	
461	<i>Aesculus hippocastanum</i>	Horsechestnut	18"	Fair	
462	<i>Gleditsia triacanthos</i>	Honeylocust	18"	Fair	
463	<i>Acer rubrum</i>	Red Maple	18"	Fair	
464	<i>Acer rubrum</i>	Red Maple	20"	Fair	X
465	<i>Acer rubrum</i>	Red Maple	24"	Fair	
466	<i>Gleditsia triacanthos</i>	Common Honeylocust	18"	Fair	
467	<i>Betula Species</i>	Birch Species	12"-18"	Good	
468	<i>Betula Species</i>	Birch Species	10"-12"	Good	
469	<i>Tilia americana</i>	Linden/ Basswood	24"	Fair	
470	<i>Betula Species</i>	Birch Species	12"-18"	Good	
471	<i>Betula Species</i>	Birch Species	10"-12"	Good	
472	<i>Betula Species</i>	Birch Species	10"-12"-18"	Good	
473	<i>Gleditsia triacanthos</i>	Honeylocust	30"	Fair	
474	<i>Prunus serotina</i>	Black Cherry	22"	Poor	X
475	<i>Prunus serotina</i>	Black Cherry	18"	Poor	X
476	<i>Prunus serotina</i>	Black Cherry	18"	Poor	X
839	<i>Gleditsia triacanthos</i>	Honey Locust	22	Good	
840	<i>Gleditsia triacanthos</i>	Honey Locust	22	Good	
841	<i>Gleditsia triacanthos</i>	Honey Locust	20	Good	
842	<i>Quercus palustris</i>	Pin Oak	35"	Good	X
843	<i>Quercus palustris</i>	Pin Oak	29"	Good	X
844	<i>Acer saccharum</i>	Sugar Maple	17"-19"	Good	X
845	<i>Acer saccharum</i>	Sugar Maple	19"-18"	Good	X
846	<i>Acer saccharum</i>	Sugar Maple	17	Dead	X
847	<i>Acer saccharum</i>	Sugar Maple	28	Good	X
848	<i>Acer saccharum</i>	Sugar Maple	24	Good	X
849	<i>Acer saccharum</i>	Sugar Maple	18	Fair	X
850	<i>Acer saccharum</i>	Sugar Maple	14	Good	X
851	<i>Acer saccharum</i>	Sugar Maple	14	Fair	X
852	<i>Acer saccharum</i>	Sugar Maple	24	Good	X
853	<i>Acer saccharum</i>	Sugar Maple	10	Good	X
854	<i>Acer saccharum</i>	Sugar Maple	10	Good	X
855	<i>Ulmus americana</i>	American Elm	21	Good	
856	<i>Fraxinus pennsylvanica</i>	Green Ash	26	Good	
857	<i>Gleditsia triacanthos</i>	Honey Locust	21	Good	
858	<i>Gleditsia triacanthos</i>	Honey Locust	22	Good	
859	<i>Celtis occidentalis</i>	Hackberry	27	Good	X
860	<i>Prunus serotina</i>	Black Cherry	12	Good	X
861	<i>Morus alba</i>	White Mulberry	18	Fair	
862	<i>Quercus palustris</i>	Pin Oak	31"	Good	X
863	<i>Quercus palustris</i>	Pin Oak	20	Good	X
864	<i>Tilia americana</i>	Basswood	40"	Good	X
865	<i>Aesculus hippocastanum</i>	Horse Chestnut	21	Good	
866	<i>Prunus serotina</i>	Black Cherry	20	Good	X
867	<i>Acer saccharum</i>	Sugar Maple	11	Dead	X
868	<i>Acer saccharum</i>	Sugar Maple	16	Dead	X
869	<i>Acer saccharum</i>	Sugar Maple	18	Good	X
870	<i>Acer saccharum</i>	Sugar Maple	22	Good	X
871	<i>Acer saccharum</i>	Sugar Maple	18	Fair	X
872	<i>Quercus macrocarpa</i>	Bur Oak	24"	Good	X
873	<i>Acer saccharum</i>	Sugar Maple	20"	Good	X
874	<i>Quercus macrocarpa</i>	Bur Oak	18	Fair	X
875	<i>Acer saccharum</i>	Sugar Maple	20"	Fair	X
876	<i>Quercus macrocarpa</i>	Bur Oak	24	Good	X
877	<i>Quercus rubra</i>	Northern Red Oak	25"	Good	X
878	<i>Quercus macrocarpa</i>	Bur Oak	24	Good	X
879	<i>Quercus macrocarpa</i>	Bur Oak	22	Good	X
880	<i>Quercus macrocarpa</i>	Bur Oak	22	Good	X
881	<i>Quercus macrocarpa</i>	Bur Oak	20	Good	X
882	<i>Quercus rubra</i>	Northern Red Oak	20	Good	X
883	<i>Quercus macrocarpa</i>	Bur Oak	22	Good	X
884	<i>Quercus rubra</i>	Northern Red Oak	20	Good	X
885	<i>Quercus macrocarpa</i>	Bur Oak	22	Good	X
886	<i>Quercus rubra</i>	Northern Red Oak	23	Good	X
887	<i>Quercus rubra</i>	Northern Red Oak	22	Good	X
888	<i>Quercus macrocarpa</i>	Bur Oak	18	Good	X
889	<i>Quercus rubra</i>	Northern Red Oak	23	Good	X
890	<i>Quercus palustris</i>	Pin Oak	22	Good	X
891	<i>Gleditsia triacanthos</i>	Honey Locust	21	Good	
892	<i>Gleditsia triacanthos</i>	Honey Locust	22	Good	
893	<i>Gleditsia triacanthos</i>	Honey Locust	18	Good	
894	<i>Acer saccharum</i>	Sugar Maple	16	Good	X
895	<i>Acer saccharum</i>	Sugar Maple	13	Good	X
896	<i>Fraxinus pennsylvanica</i>	Green Ash	24	Good	

TREE INVENTORY

SHEET TITLE:	ISSUED FOR:	DATE:
PROJECT NUMBER:	DESIGNED BY:	
SCALE:	REVIEWED BY:	
DATE:	PROJECT MANAGER:	
SHEET NUMBER:		

TS-2

Prepared For:
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CUBA ROAD
LONG GROVE, ILLINOIS

