

July 30, 2014

LANDSCAPE NARRATIVE

PROJECT:

Long Grove Senior Living Facility
Highway 53
Long Grove, IL

CLIENT:

Gart Partners, LLC
Jordan E. Glazov
707 Skokie Blvd. Ste 100
Northbrook, IL 60062

PLAN COMMISSION / BOARD OF ZONING APPEALS SUBMITTAL

The project site consists of approximately 9.463 wooded acres location on Illinois Route 53 (Long Grove Road).

The site supports approximately 580 identified hardwood trees which have been located and identified by size (those with a DBH of 8" or more), species, and condition. The condition ratings are as follows:

- 0 = dead, severely diseased
- 1 = poor
- 2 = fair / average
- 3 = above average
- 4 = good

For the purposes of the landscape planning and attempting to meet the spirit of the Long Grove Tree Preservation Ordinance, trees with a condition rating of "0", "1", or "2" were not counted towards required mitigation for this project.

The tree inventory was compiled by SavaTree (Northbrook, Illinois), and according to the inventory provided, the following are present on the subject parcel:

Condition Rating	Number of Trees	Total Inches
4	80	1,437 DBH inches
3	332	5,147 DBH inches

Proposed Removals of Protected Trees (per Long Grove Tree Preservation Ordinance)

Condition Rating	# of Protected Trees	Total Inches
4	56	1,038 DBH inches
3	209	3,300 DBH inches

PROPOSED REPLACEMENT LANDSCAPING:

The landscape plans prepared attempt to replant species of Shade, Ornamental, and large deciduous shrubs that lend themselves well to what is a natural setting. To benefit the adjoining property owners, a significant number of evergreen trees are also being proposed to provide year-round buffering and screening of portions of the development.

The plan presented with this submittal includes:
(**bold selections** represent Protected Species)

QTY	SIZE	TYPE	TOTAL
95	3" DBH	Proposed Shade Trees Species include: <i>Red Maple, Autumn Blaze Maple, Green Mountain Sugar Maple, Chicagoland Hackberry, Skyline Honeylocust, Kentucky Coffee Tree, Swamp White Oak, Bur Oak, Northern Red Oak, Bald Cypress, Greenspire Linden.</i>	285 Total DBH inches
88	7-8 Tall	Proposed Ornamental Trees Species include: <i>Serviceberry, Redbud, Cornelian Cherry, Hawthorn, Crabapple, Ironwood, Flowering Pear, Japanese Tree Lilac.</i>	264 Total DBH (equivalent inches)
73	7-8' Tall	Evergreen Trees Species include: Fir, Spruce	219 Total DBH (equivalent inches)
Total DBH inches proposed for replanting on project:			768 Total DBH (equivalent inches)

Additionally, several reforestation zones have been identified, in which 3 year Nursery whips will be planted at approximately 42-48" on-center.

The total area of these reforestation "pockets" is approximately 3,000 SF, and is proposed to contain 365 nursery whips. All of the varieties specified are selected from the ***Protected Tree Species List***, and are composed of the following species:

<i>Carya ovata</i>	Shagbark Hickory
<i>Juglans cinerea</i>	Bitternit
<i>Prunus serotina</i>	Wild Black Cherry
<i>Quercus alba</i>	White Oak
<i>Tilia americana</i>	Basswood/Linden

PROJECT ESTIMATE (LANDSCAPING)

With the extensive natural planting proposed for this development, the project installation estimate is anticipated to be at or near **\$235,000 - \$250,000** (cost estimate is attached)

This figure includes all plantings, bed preparation, planting, mulching, topsoil (fine grade establishment), native seed mixes, bioswale plantings, turf-grass establishment, and mulch.

While it is difficult to accurately compare one site to another without the benefit of an actual site development plan, it is believed that a "normal" landscape budget for a facility of this scope and scale would be budgeted for a total landscape development at or near **\$150,000.00**, making this site landscape development budget nearly double that of other similar projects that have been developed by Heller & Associates.

PROJECT-RELATED FORESTRY

As part of the overall landscape development of this project, the Ownership/Development will remove all trees with condition ratings of 0, 1 and 2. These trees will be removed from not only the proposed building envelope (construction zone), but also the "protected" areas surrounding the site and the marsh area at the northwest corner of the property.

At the same time as these lower-quality trees will be removed, invasive, non-native underbrush and noxious shrubs and vines will also be removed.

Removal of these trees and underbrush from the protected areas could be classified as extraordinary site development costs.

Estimate Tree Removal costs:	\$6,000 (3 crew days)
Estimate Underbrush removal costs:	\$2,000 (2 crew days)

SPECIAL FORESTRY PRACTICES/ MANAGEMENT

As part of the overall landscape development of this project, the Ownership/ Development team is committed to extraordinary Forestry Management practices in order to preserve as much of the quality, existing trees as possible. These practices include, but may not be limited to:

Resource Identification and Security: Prior to grading activities, identifying and protecting key trees for protection. This includes installation of TREE PROTECTION FENCING, as outlined in the landscape plan set.

Estimated Cost: \$7,500.00

Clearing, grubbing and chipping of other (non-valued) vegetative areas to remove noxious and invasive species, to create areas for new, more desired plant species.

Estimated Cost (above normal activities): \$5,000.00

Extraordinary Tree Protection Measures: Several Trees near the ring Fire Lane around the site have been deemed worthy of protection, even though they fall into the development pocket. Our landscape plans and TREE INVENTORY lists, identify several trees that should have additional measures attempted in an attempt to greatly reduce root-zone impactation during the installation of roads, curbs, and other site infrastructure. These measures include: Root-Pruning of trees (prior to grading); retaining wall construction (to alter proposed grades); and direct boring of the Forced Main and the Fire Protection water line in several tree locations.

Estimated Costs for Extraordinary Measures:

Root-Pruning (1 Arborist Crew 2 days):	\$5,000.00
Retaining Wall Construction:	\$1,500.00
Direct Boring of pipe/ lines:	\$5,000.00 (estimate)

On-Going Forestry Management / Monitoring: Annually, in the first 10 mid-springs, and early summers, the perimeter areas of the site shall be inspected by a Certified / Licensed Arborist and a Registered Landscape Architect to note the necessary management practices required to promote the health and vibrancy of the newly installed plantings. These notations and action plans shall be forwarded to the Landscape Contractor for specific execution of the Arborist/Landscape Architect plan of action. Activities may include, but are not limited to:

- Herbicide application to noxious weeds/invasive species
- Select Hand removal of noxious weeds/invasive species
- Re-seeding/over-seeding of natural prairie areas.
- Pruning/trimming of native area as noted
- Replacement of dead, diseased, dying plant materials

Estimated Costs for Extraordinary Management Measures:

Annual Inspections (years 1-5; each):	\$1,500.00	\$7,500.00
Annual Inspections (years 6-10; each):	\$1,000.00	\$5,000.00
Annual Inspections (years 11-20; each):	\$750.00	\$7,500.00

Estimated Cost for Extraordinary Management Measures:

Annual Construction / Forestry Work (years 1-5 each):	\$3,500.00	\$17,500.00
Annual Construction / Forestry Work (years 6-10, each):	\$2,500.00	\$12,500.00
Annual Construction / Forestry Work (years 11-20; each):	\$2,000.00	\$20,000.00

Total Estimated Costs Above:	\$352,000
Tree removal from developed area (estimate by Homer Co.):	\$ 50,000
Contingency (10%)	\$ 40,200
Total Forest / Landscaping Estimated Costs:	\$440,200

Heller & Associates, LLC
Plant & Material List

Date: 7/30/2014
Project: Gleason Architects, P.C.
Long Grove Senior Care Facility
20735 Old Hicks Road
Long Grove, IL 60047

Plan Date: 7/23/2014
Scale: 1/8" = 1'-0"
Sheet: 5 of 5



PLANT KEY	QUANTITY	PLANT MATERIAL PROPOSED		CALIPER SIZE	ROOT	SPECIFICATION / NOTES	MATURE SPREAD	COST ESTIMATE	
		BOTANICAL NAME	COMMON NAME					UNIT	TOTAL
Proposed Landscape Materials									
SHADE TREES (DECIDUOUS)									
ARM	3	<i>Acer xfreemanii</i> 'Armstrong'	Armstrong Red Maple	3.0"	B&B	Straight central leader, full and even crown. Prune only after planting	#	\$ 450.00	\$ 1,350.00
ABM	13	<i>Acer xfreemanii</i> 'Autumn Blaze'	Autumn Blaze Maple	3.0"	B&B	Straight central leader, full and even crown. Prune only after planting	#	\$ 375.00	\$ 4,875.00
RSM	9	<i>Acer rubrum</i> 'Red Sunset'	Red Sunset Maple	3.0"	B&B	Straight central leader, full and even crown. Prune only after planting	#	\$ 375.00	\$ 3,375.00
GSM	6	<i>Acer saccharum</i> 'Green Mountain'	Green Mountain Sugar Maple	3.0"	B&B	Straight central leader, full and even crown. Prune only after planting	#	\$ 375.00	\$ 2,250.00
CJH	7	<i>Quercus occidentalis</i> 'ChicagoLand'	ChicagoLand Hackberry	3.0"	B&B	Straight central leader, full and even crown. Prune only after planting	#	\$ 375.00	\$ 2,625.00
SHL	9	<i>Gleditsia triacanthos</i> 'Skyline'	Skyline Honeylocust	3.0"	B&B	Straight central leader, full and even crown. Prune only after planting	#	\$ 375.00	\$ 3,375.00
KCT	18	<i>Gymnocladus dioica</i>	Kentucky Coffee Tree	3.0"	B&B	Straight central leader, full and even crown. Prune only after planting	#	\$ 450.00	\$ 8,100.00
SHO	14	<i>Quercus bicolor</i>	Swamp White Oak	3.0"	B&B	Straight central leader, full and even crown. Prune only after planting	#	\$ 450.00	\$ 6,300.00
BO	4	<i>Quercus macrocarpa</i>	Bur Oak	3.0"	B&B	Straight central leader, full and even crown. Prune only after planting	#	\$ 450.00	\$ 1,800.00
NRO	8	<i>Quercus rubra</i>	Northern Red Oak	3.0"	B&B	Straight central leader, full and even crown. Prune only after planting	#	\$ 450.00	\$ 3,600.00
EC	2	<i>Taxodium distichum</i>	Bald Cypress	3.0"	B&B	Straight central leader, full and even crown. Prune only after planting	#	\$ 450.00	\$ 900.00
GL	2	<i>Tilia cordata</i> 'Greenspire'	Greenspire Linden	3.0"	B&B	Straight central leader, full and even crown. Prune only after planting	#	\$ 375.00	\$ 750.00
ORNAMENTAL TREES (DECIDUOUS)									
AS	17	<i>Amelanchier grandiflora</i>	Apple Serviceberry	7-8"	B&B	Well balanced multi-stemmed tree with minimum four canes, and full appearance	#	\$ 330.00	\$ 5,610.00
BS	4	<i>Amelanchier canadensis</i>	Serviceberry	7-8"	B&B	Well balanced multi-stemmed tree with minimum four canes, and full appearance	#	\$ 330.00	\$ 1,320.00
ER	11	<i>Prunella canadensis</i>	Eastern Redbud	7-8"	B&B	Well balanced multi-stemmed tree with minimum four canes, and full appearance	#	\$ 330.00	\$ 3,630.00
CC	3	<i>Cornus mas</i>	Cornelian Cherry	7-8"	B&B	Well balanced multi-stemmed tree with minimum four canes, and full appearance	#	\$ 255.00	\$ 765.00
TOH	15	<i>Crataegus crus-galli</i> 'Inermis'	Thornless Oxcupur Hawthorn	7-8"	B&B	Well balanced multi-stemmed tree with minimum four canes, and full appearance	#	\$ 255.00	\$ 3,825.00
ARC	12	<i>Malus florida</i> 'Adams'	Adams Flowering Crabapple	7-8"	B&B	Well balanced multi-stemmed tree with minimum four canes, and full appearance	#	\$ 255.00	\$ 3,060.00
SFC	2	<i>Malus florida</i> 'Spring Snow'	Spring Snow Flowering Crabapple	7-8"	B&B	Well balanced multi-stemmed tree with minimum four canes, and full appearance	#	\$ 255.00	\$ 510.00
IV	12	<i>Celtis virginiana</i>	Ironwood	7-8"	B&B	Well balanced multi-stemmed tree with minimum four canes, and full appearance	#	\$ 330.00	\$ 3,960.00
CFP	4	<i>Pyrus calleryana</i> 'Chariticeer'	Chariticeer Flowering Pear	2.5"	B&B	Straight central leader, full and even crown. Prune only after planting	#	\$ 330.00	\$ 1,320.00
JL	8	<i>Syringa reticulata</i> 'Ivory Silk'	Ivory Silk Japanese Tree Lilac	7-8"	B&B	Well balanced multi-stemmed tree with minimum four canes, and full appearance	#	\$ 285.00	\$ 2,280.00
EVERGREEN TREES									
CF	4	<i>Abies concolor</i>	Concolor Fir	7-8"	B&B	Evenly shaped tree with branching to the ground	#	\$ 375.00	\$ 1,500.00
NS	38	<i>Picea abies</i>	Norway Spruce	7-8"	B&B	Evenly shaped tree with branching to the ground	#	\$ 375.00	\$ 14,250.00
BHS	31	<i>Picea densata</i> 'glauca'	Black Hills Spruce	7-8"	B&B	Evenly shaped tree with branching to the ground	#	\$ 375.00	\$ 11,625.00
EVERGREEN SHRUBS									
GVB	14	<i>Buxus</i> 'Green Velvet'	Green Velvet Boxwood	15" HT	Cont.	Full rounded well branched shrub	#	\$ 75.00	\$ 1,050.00
KCRJ	52	<i>Juniperus chinensis</i> 'Killey'	Killey Compact Pfitzer Juniper	85	Cont.	Full rounded well branched shrub	#	\$ 60.00	\$ 3,120.00
GSJ	3	<i>Juniperus chinensis</i> sargentii 'Viridis'	Green Sargent Juniper	85	Cont.	Full rounded well branched shrub	#	\$ 60.00	\$ 180.00
TY	57	<i>Taxus media</i> 'Taunton'	Taunton Intermediate Yew	24"	B&B	Full rounded well branched shrub	#	\$ 90.00	\$ 5,130.00
DECIDUOUS SHRUBS									
Atz	24	<i>Corylus americana</i>	American Hazelnut	42"	B&B	Full, well rounded plant with moist rootball and healthy appearance	#	\$ 105.00	\$ 2,520.00
VW	7	<i>Hammamelis vernalis</i>	Vernal Witchhazel	42"	B&B	Full, well rounded plant with moist rootball and healthy appearance	#	\$ 105.00	\$ 735.00
QV	27	<i>Hammamelis virginiana</i>	Common Witchhazel	42"	B&B	Full, well rounded plant with moist rootball and healthy appearance	#	\$ 105.00	\$ 2,835.00
IH	98	<i>Hydrangea arborescens</i> 'Abetwo'	Incredible Hydrangea	85	Cont.	Full, well rooted plant, evenly shaped	#	\$ 60.00	\$ 5,880.00
LH	8	<i>Hydrangea paniculata</i> 'Limelight'	Limelight Hydrangea	38"	Cont.	Full, well rooted plant, evenly shaped	#	\$ 90.00	\$ 720.00
LLH	5	<i>Hydrangea paniculata</i> 'Little Lamb'	Little Lamb Hydrangea	24"	Cont.	Full, well rooted plant, evenly shaped	#	\$ 75.00	\$ 375.00
LH	24	<i>Hydrangea paniculata</i> 'Uniquar'	Uniquar Hydrangea	85	Cont.	Full, well rooted plant, evenly shaped	#	\$ 90.00	\$ 2,160.00
DN	3	<i>Ribes cynosbatum</i> 'Diablo'	Diablo Ribes	30"	Cont.	Full, well rooted plant, evenly shaped	#	\$ 90.00	\$ 270.00
GMAC	13	<i>Ribes alpinum</i> 'Green Mound'	Green Mound Alpine Currant	85	Cont.	Full, well rooted plant, evenly shaped	#	\$ 60.00	\$ 780.00
GLS	30	<i>Rhus aromatica</i> 'Gro-Low'	Gro Low Fragrant Sumac	85	Cont.	Full, well rooted plant, evenly shaped	#	\$ 60.00	\$ 1,800.00
SHS	83	<i>Rhus typhina</i>	Staghorn Sumac	42"	Cont.	Full, well rooted plant, evenly shaped	#	\$ 60.00	\$ 3,180.00
NMSR	32	<i>Rosa rugosa</i> 'Nearby Wild'	Nearby Wild Shrub Rose	18"	Cont.	Full, well rooted plant, evenly shaped	#	\$ 60.00	\$ 1,920.00
FRFR	30	<i>Rosa rugosa</i> 'Pink Pavement'	Pink Pavement Shrub Rose	18"	Cont.	Full, well rooted plant, evenly shaped	#	\$ 60.00	\$ 1,800.00
GMS	3	<i>Spiraea xbumaldii</i> 'Goldmound'	Goldmound Spiraea	18"	Cont.	Full, well rooted plant, evenly shaped	#	\$ 60.00	\$ 180.00
NRS	43	<i>Spiraea xbumaldii</i> 'Neon Flash'	Neon Flash Spiraea	24"	Cont.	Full, well rooted plant, evenly shaped	#	\$ 60.00	\$ 2,580.00
KSJ	20	<i>Viburnum carlesii</i>	Fragrant Konesapeake Viburnum	30"	Cont.	Full, well rooted plant, evenly shaped	#	\$ 90.00	\$ 1,800.00
AJW	48	<i>Viburnum dentatum</i> 'Autumn Jazz'	Autumn Jazz Arrowwood Viburnum	42"	Cont.	Full, well rooted plant, evenly shaped	#	\$ 75.00	\$ 3,600.00
IV	43	<i>Viburnum lentago</i> 'Molokai'	Molokai Viburnum	42"	B&B	Full, well rounded plant with moist rootball and healthy appearance	#	\$ 90.00	\$ 3,870.00
JRW	15	<i>Wigelia florida</i> 'Java Red'	Java Red Wigelia	24"	Cont.	Full, well rooted plant, evenly shaped	#	\$ 75.00	\$ 1,125.00
WRW	3	<i>Wigelia florida</i> 'Wine-N-Roses'	Wine-N-Roses Wigelia	24"	Cont.	Full, well rooted plant, evenly shaped	#	\$ 60.00	\$ 180.00

ORNAMENTAL GRASSES

KFRG	214	Oxysporus acutiflorus 'Karl Foerster'	Karl Foerster Feather Reed Grass	#1	Cont.	Full, well rooted plant	8	\$ 24.00	\$ 5,136.00
ORG	33	Oxysporus acutiflorus 'Overdam'	Overdam Feather Reed Grass	#1	Cont.	Full, well rooted plant	8	\$ 24.00	\$ 792.00

HERBACEOUS PERENNIALS

PBA	60	Astilbe rosaeum 'Reach Blossom'	Reach Blossom Astilbe	#1	Cont.	Full, well rooted plant, evenly shaped	5	\$ 15.00	\$ 800.00
JB	7	Brunnera macrophylla 'Jack Frost'	Jack Frost Brunnera	#1	Cont.	Full, well rooted plant, evenly shaped	5	\$ 15.00	\$ 105.00
HRD	48	Hemerocallis 'Happy Returns'	Happy Returns Daylily	#1	Cont.	Full, well rooted plant, evenly shaped	5	\$ 15.00	\$ 720.00
FRD	28	Hemerocallis 'Roy Returns'	Roy Returns Daylily	#1	Cont.	Full, well rooted plant, evenly shaped	5	\$ 15.00	\$ 420.00
MDL	14	Hemerocallis 'Catherine Woodbury'	Catherine Woodbury Daylily (Soft Pink)	#1	Cont.	Full, well rooted plant, evenly shaped (mix three varieties)	5	\$ 15.00	\$ 210.00
MDL	14	Hemerocallis 'Hyperion'	Hyperion Daylily (Lemon Yellow)	#1	Cont.	Full, well rooted plant, evenly shaped (mix three varieties)	5	\$ 15.00	\$ 210.00
MDL	14	Hemerocallis 'Summer Wine'	Summer Wine Daylily (Maroon)	#1	Cont.	Full, well rooted plant, evenly shaped (mix three varieties)	5	\$ 15.00	\$ 210.00
MRCB	74	Huesera 'Midnight Rose'	Midnight Rose Coralbells	#1	Cont.	Full, well rooted plant, evenly shaped	5	\$ 15.00	\$ 680.00
FH	44	Hestia fortunata 'Francois'	Francois Hosta	#1	Cont.	Full, well rooted plant, evenly shaped	5	\$ 15.00	\$ 405.00
CSB	27	Iris albicaulis 'Caesars Brother'	Caesars Brother Siberian Iris	#1	Cont.	Full, well rooted plant, evenly shaped	5	\$ 15.00	\$ 180.00
SD	12	Leucanthemum 'Alaska'	Alaska Shasta Daisy	#1	Cont.	Full, well rooted plant, evenly shaped	5	\$ 15.00	\$ 720.00
CF	50	Matteuccia pennsylvanica	Ostrich Fern	#1	Cont.	Full, well rooted plant, evenly shaped	5	\$ 15.00	\$ 45.00
RS	3	Perovskia atriplicifolia	Russian Sage	#1	Cont.	Full, well rooted plant, evenly shaped	5	\$ 15.00	\$ 45.00
BES	33	Rudbeckia fulgida 'Goldsturm'	Black-eyed Susan	#1	Cont.	Full, well rooted plant, evenly shaped	5	\$ 15.00	\$ 450.00
MNS	30	Salvia xaupeba 'May Night'	May Night Salvia	#1	Cont.	Full, well rooted plant, evenly shaped	5	\$ 15.00	\$ 450.00

NURSERY TREE WHIPS

WHPS	162	Nursery Whips	2,910 SF	SF	See Schedule for Plant Matrix	8	\$ 24.00	\$ 8,736.00
	38	1/2" x 1/2" x 6'						
	38	3/4" x 3/4" x 6'						
	38	1" x 1" x 6'						
	38	1 1/2" x 1 1/2" x 6'						
	38	2" x 2" x 6'						

GROUNDCOVERS & VINES

GCP	98	Pachyandra terminalis 'Green Carpet'	Green Carpet Pachyandra	3'	Pot	Full, well rooted plant	2	\$ 5.25	\$ 504.00
LAWN		Lawn Establishment Area / Grading Area	/		SY	Oscar Creek Premium Blue Turf Seed Mix (Ph: 888-313-6807)		\$ -	\$ 5,000.00
	121500	Erosion Matting for sloped seeded areas	/		SF	American Excelsior Company Curlex Net Free (or approved equal)		\$ 0.08	\$ 7,280.00
SCD		Sodded Areas (identified on plan)	64		SY	Fresh cut, weed free; Bluegrass Blend Sod; Water immediately after installation		\$ 7.00	\$ -
SASM	13500	Stormwater / Economy Prairie Seed Mix	64		SY			\$ -	\$ -
NATIVE BOWSALE PLANTINGS	2225	Bowsale Plantings	64		SF	See Schedule for Plant Matrix		\$ 2.00	\$ 4,450.00

Landscape Materials

	220	Shredded Hardwood Mulch (3" depth)	1.1 cu yd (C)	CY		\$ 75.00	\$ 16,500.00
	145	Soil Amendments (2" depth)	1.1 cu yd (C)	CY		\$ 75.00	\$ 10,875.00
	750	Rubberized Topsoil (1" over lawn areas)	1.1 cu yd (C)	CY		\$ 30.00	\$ 22,500.00
	145	Rubberized Topsoil (2" over bed areas)	1.1 cu yd (C)	CY		\$ 50.00	\$ 7,250.00

*Landscape counts & quantities are provided as a service to the Landscape Contractor; Landscape Contractor is responsible for verifying these counts and quantities in order to provide a complete landscape installation as outlined on this Landscape Master Plan. In the event that a discrepancy occurs between this schedule and the Landscape Master Plan, the Landscape Master Plan, including the graphics and notations depicted therein, shall govern.

Seed Compositions:
 Oscar Creek Premium Blue Turf (Ph: 888-313-6807):
 10% Mid Atlantic Kentucky Bluegrass
 20% Merit Kentucky Bluegrass
 20% Boreal Red Fescue
 20% Perennial Fine Perennial Ryegrass
 10% Atlantic Kentucky Bluegrass
 10% Dragon Kentucky Bluegrass
 10% Palmer III Fine Perennial Ryegrass

Seed at rate of 3# per 1000 SF

\$ 238,648.00

Tree Inventory - Route 53 & Long Grove Road, Long Grove, IL, March 31, 2014

Tag#	Scientific	Common	DBH	Other Stems	Condition	Action	Protected Species(Y/N)	Replacement Inches	Notes
2	Celtis occidentalis	Hackberry	20		4	tree to be saved		0	
5	Acer saccharinum		23		4	tree to be saved		0	
8	Quercus macrocarpa	Bur oak	13		4	tree to be saved		0	
9	Juglans nigra	Black walnut	17		4	Retaining wall; tree to be saved		0	Alter grading; Add retaining wall
13	Quercus rubra	Red oak	13		4	tree to be removed	Yes	13	
14	Quercus rubra	Red oak	13		4	tree to be removed	Yes	13	
26	Quercus rubra	Red oak	21		4	tree to be removed	Yes	21	
28	Juglans nigra	Black walnut	13		4	tree to be removed	Yes	13	
28	Quercus rubra	Red oak	22		4	tree to be removed	Yes	22	
34	Quercus ellipsoidalis	Pin oak	11		4	tree to be removed	No	0	
36	Quercus ellipsoidalis	Pin oak	13		4	tree to be removed	No	0	
36	Quercus ellipsoidalis	Pin oak	21		4	tree to be removed	No	0	
37	Quercus ellipsoidalis	Pin oak	16		4	cannot locate on map	No	0	
40	Quercus alba	White oak	13		4	tree to be removed	Yes	13	
42	Quercus rubra	Red oak	34		4	tree to be removed	Yes	34	
44	Quercus macrocarpa	Bur oak	24		4	tree to be removed	Yes	24	
47	Quercus macrocarpa	Bur oak	36		4	tree to be removed	Yes	36	
53	Juglans nigra	Black walnut	22		4	tree to be removed	Yes	22	
79	Quercus ellipsoidalis	Pin oak	14		4	tree to be removed	No	0	
82	Quercus ellipsoidalis	Pin oak	20		4	tree to be removed	No	0	
83	Quercus ellipsoidalis	Pin oak	18		4	tree to be removed	No	0	
84	Quercus ellipsoidalis	Pin oak	18		4	tree to be removed	No	0	
86	Quercus ellipsoidalis	Pin oak	14		4	tree to be removed	No	0	
81	Quercus ellipsoidalis	Pin oak	18		4	tree to be removed	No	0	
83	Juglans nigra	Black walnut	22		4	tree to be removed	Yes	22	
100	Quercus rubra	Red oak	14		4	tree to be removed	No	0	
105	Quercus ellipsoidalis	Pin oak	10		4	tree to be removed	Yes	10	
121	Quercus rubra	Red oak	13		4	tree to be removed	Yes	13	
125	Quercus rubra	Red oak	11		4	tree to be removed	Yes	11	
138	Quercus rubra	Red oak	24		4	tree to be removed	Yes	24	
143	Juglans nigra	Black walnut	13		4	tree to be removed	Yes	13	
151	Juglans nigra	Black walnut	11		4	tree to be removed	Yes	11	
164	Juglans nigra	Black walnut	10		4	tree to be removed	Yes	10	
174	Quercus rubra	Red oak	11		4	tree to be removed	Yes	11	
184	Quercus ellipsoidalis	Pin oak	13		4	Directional Bore; tree to be saved	No	0	
191	Quercus rubra	Red oak	10		4	tree to be removed	Yes	10	
193	Quercus macrocarpa	Bur oak	15		4	tree to be removed	Yes	15	
198	Quercus rubra	Red oak	10		4	tree to be removed	Yes	10	
198	Quercus macrocarpa	Bur oak	13		4	tree to be removed	Yes	13	
198	Quercus rubra	Red oak	24		4	tree to be removed	Yes	24	
200	Quercus macrocarpa	Bur oak	16		4	tree to be removed	Yes	16	
218	Quercus alba	White oak	16		4	tree to be removed	Yes	16	
223	Quercus rubra	Red oak	21		4	tree to be removed	Yes	21	
227	Quercus rubra	Red oak	13		4	tree to be removed	Yes	13	
228	Quercus rubra	Red oak	17		4	tree to be removed	Yes	17	
229	Quercus rubra	Red oak	18		4	tree to be removed	Yes	18	
230	Quercus rubra	Red oak	16		4	tree to be removed	Yes	16	
234	Quercus rubra	Red oak	16		4	tree to be removed	Yes	16	
240	Quercus rubra	Red oak	12		4	Directional Bore; tree to be saved		0	
242	Quercus rubra	Red oak	16		4	tree to be removed	Yes	16	
249	Quercus macrocarpa	Bur oak	32		4	tree to be removed	Yes	32	
254	Tilia americana	Basewood	11		4	tree to be saved		0	
282	Quercus macrocarpa	Bur oak	24		4	tree to be removed	Yes	24	
284	Quercus macrocarpa	Bur oak	32		4	tree to be removed	Yes	32	
285	Juglans nigra	Black walnut	19		4	tree to be removed	Yes	19	
275	Quercus alba	White oak	13		4	tree to be removed	Yes	13	
281	Juglans nigra	Black walnut	11		4	tree to be removed	Yes	11	
308	Quercus alba	White oak	15		4	tree to be removed	Yes	15	
314	Quercus macrocarpa	Bur oak	24		4	tree to be removed	Yes	24	

Tag#	Scientific	Common	DBH	Other Stems	Condition
317	Quercus rubra	Red oak	13		4
329	Quercus macrocarpa	Bur oak	38		4
347	Ligians nigra	Black walnut	18		4
350	Ligians nigra	Black walnut	11		4
368	Catalpa speciosa	Catalpa	22		4
382	Quercus macrocarpa	Bur oak	41		4
382	Quercus rubra	Red oak	18		4
428	Quercus macrocarpa	Bur oak	34		4
447	Quercus rubra	Red oak	15		4
462	Quercus rubra	Red oak	17		4
484	Quercus rubra	Red oak	17		4
473	Quercus rubra	Red oak	17		4
488	Quercus rubra	Red oak	18		4
501	Cottis occidentalis	Hackberry	9		4
502	Tilia americana	Basswood	11		4
523	Quercus rubra	Red oak	21		4
528	Carya ovata	Shagbark hickory	20		4
567	Quercus alba	White oak	32		4
574	Ligians nigra	Black walnut	17		4
576	Carya ovata	Shagbark hickory	10		4
587	Ligians nigra	Black walnut	27		4

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Action	Protected Species(WN)	Replacement Inches	Notes
tree to be removed	Yes	13	
tree to be removed	Yes	36	
tree to be removed	Yes	18	
tree to be saved		0	
tree to be removed		0	
tree to be removed	Yes	41	
tree to be removed	Yes	19	
tree to be saved		0	
tree to be removed	Yes	15	
tree to be removed	Yes	17	
tree to be removed	Yes	17	
tree to be removed	Yes	17	
tree to be removed	Yes	16	
tree to be removed	Yes	9	
tree to be removed	Yes	11	
tree to be removed	Yes	21	
tree to be saved		0	
tree to be removed	Yes	32	
tree to be removed	Yes	17	
root prune; tree to be saved		0	
tree to be removed	Yes	27	
58 trees		1,038.00	TOTAL REPLACEMENT INCHES (3 - RATED TREES)

Tree Inventory - Route 53 & Long Grove Road, Long Grove, IL March 31, 2014

1	Cottis occidentalis	Hackberry	19	13	3
3	Prunus serotina	Black cherry	10		3
4	Ligians nigra	Black walnut	9		3
11	Tilia americana	Basswood	19	19, 6	3
12	Prunus serotina	Black cherry	9		3
16	Prunus serotina	Black cherry	9	8	3
17	Prunus serotina	Black cherry	13	13	3
18	Prunus serotina	Black cherry	10		3
19	Prunus serotina	Black cherry	13		3
20	Prunus serotina	Black cherry	11	11, 9	3
24	Ulmus americana	American elm	12		3
25	Ulmus americana	American elm	11		3
27	Prunus serotina	Black cherry	9		3
32	Prunus serotina	Black cherry	10		3
38	Prunus serotina	Black cherry	15		3
41	Quercus macrocarpa	Bur oak	18	16	3
43	Quercus ellipsoidalis	Pin oak	24		3
45	Quercus macrocarpa	Bur oak	30		3
48	Quercus macrocarpa	Bur oak	30		3
49	Catalpa speciosa	Catalpa	13		3
50	Gleditsia triacanthos	Honeylocust	13		3
55	Prunus serotina	Black cherry	11	11	3
58	Tilia americana	Basswood	11	8	3
61	Quercus macrocarpa	Bur oak	28		3
66	Ligians nigra	Black walnut	24		3
68	Prunus serotina	Black cherry	8		3
70	Prunus serotina	Black cherry	16	15	3
74	Prunus serotina	Black cherry	10		3
75	Quercus ellipsoidalis	Pin oak	18		3
78	Quercus ellipsoidalis	Pin oak	18		3
77	Quercus ellipsoidalis	Pin oak	14		3
80	Quercus ellipsoidalis	Pin oak	28		3
81	Catalpa speciosa	Catalpa	13		3
87	Quercus macrocarpa	Bur oak	31		3
88	Quercus ellipsoidalis	Pin oak	18		3
89	Catalpa speciosa	Catalpa	14		3

tree to be saved		0	
Retaining wall; tree to be saved		0	
tree to be removed		0	
cannot locate on map	Yes	19	
tree to be removed	Yes	9	
tree to be removed	Yes	9	
tree to be saved		0	
tree to be saved		0	
tree to be saved		0	
cannot locate on map	Yes	11	
tree to be removed		0	
tree to be removed		0	
tree to be removed	Yes	9	
tree to be removed	Yes	10	
tree to be removed	Yes	15	
tree to be removed	Yes	18	
tree to be removed		0	
tree to be removed		0	
tree to be removed	Yes	30	
tree to be removed		0	
tree to be removed	Yes	11	
tree to be removed	Yes	11	
tree to be removed	Yes	28	
tree to be saved		0	
tree to be saved		0	
tree to be saved		0	
Directional Bore; tree to be saved		0	
tree to be removed		0	
tree to be removed		0	
tree to be removed		0	
tree to be removed		0	
tree to be removed		0	
tree to be removed	Yes	31	
tree to be removed		0	
tree to be removed		0	

Tag#	Scientific	Common	DBH	Other Stems	Condition	Action	Protected Species (Y/N)	Replacement Inches	Notes
90	Catalpa speciosa	Catalpa	18		3	tree to be removed		0	
94	Tilia americana	Basswood	11		3	tree to be removed	Yes	11	
95	Quercus rubra	Red oak	14		3	tree to be removed	Yes	14	
97	Quercus rubra	Red oak	20		3	tree to be removed	Yes	20	
99	Quercus ellipsoidalis	Pin oak	20		3	tree to be removed		0	
101	Prunus serotina	Black cherry	8		3	tree to be removed	Yes	8	
102	Prunus serotina	Black cherry	13		3	tree to be removed	Yes	13	
103	Juglans nigra	Black walnut	13		3	tree to be removed	Yes	13	
108	Prunus serotina	Black cherry	13		3	Directional Bore; tree to be saved		0	
108	Prunus serotina	Black cherry	10		3	Directional Bore; tree to be saved		0	19
111	Prunus serotina	Black cherry	14		3	Directional Bore; tree to be saved		0	
114	Prunus serotina	Black cherry	11	6	3	tree to be removed	Yes	11	20
115	Prunus serotina	Black cherry	8		3	tree to be removed	Yes	9	
117	Prunus serotina	Black cherry	11		3	tree to be removed	Yes	11	
118	Fraxinus pennsylvanica	Green ash	12		3	tree to be removed		0	
122	Prunus serotina	Black cherry	10		3	tree to be removed	Yes	10	
124	Quercus rubra	Red oak	20		3	tree to be removed	Yes	20	
128	Quercus rubra	Red oak	10		3	tree to be removed	Yes	10	
128	Quercus rubra	Red oak	18		3	tree to be removed	Yes	19	
128	Prunus serotina	Black cherry	8		3	tree to be removed	Yes	8	
130	Prunus serotina	Black cherry	8		3	tree to be removed	Yes	8	
131	Quercus rubra	Red oak	18		3	tree to be removed	Yes	19	
132	Quercus rubra	Red oak	15		3	tree to be removed	Yes	15	30
133	Juglans nigra	Black walnut	12		3	tree to be removed	Yes	12	
140	Quercus rubra	Red oak	19		3	tree to be removed	Yes	19	
141	Prunus serotina	Black cherry	10		3	tree to be removed	Yes	10	
148	Juglans nigra	Black walnut	10		3	tree to be saved		0	
147	Black walnut	Black walnut	8		3	tree to be saved		0	
148	Juglans nigra	Black walnut	11		3	tree to be saved		0	
148	Juglans nigra	Black walnut	25		3	tree to be saved		0	
153	Prunus serotina	Black cherry	10		3	tree to be removed	Yes	10	
154	Prunus serotina	Black cherry	9		3	tree to be removed	Yes	9	
155	Fraxinus pennsylvanica	Green ash	19		3	tree to be removed	No	0	
157	Prunus serotina	Black cherry	14		3	tree to be removed	Yes	14	
158	Juglans nigra	Black walnut	15		3	tree to be removed	Yes	15	
161	Fraxinus pennsylvanica	Green ash	11	8	3	tree to be removed	No	0	
163	Prunus serotina	Black cherry	10		3	tree to be removed	Yes	10	
168	Ulmus americana	American elm	18		3	tree to be removed	No	0	
167	Juglans nigra	Black walnut	9	8	3	tree to be removed	Yes	9	
168	Prunus serotina	Black cherry	11	9	3	tree to be removed	Yes	11	40
168	Prunus serotina	Black cherry	16	9	3	tree to be removed	Yes	16	
170	Prunus serotina	Black cherry	10		3	tree to be removed	Yes	10	
171	Prunus serotina	Black cherry	14		3	tree to be removed	Yes	14	
172	Prunus serotina	Black cherry	12		3	tree to be removed	Yes	12	
173	Fraxinus pennsylvanica	Green ash	14		3	tree to be removed	No	0	
176	Prunus serotina	Black cherry	8		3	tree to be saved		0	
177	Tilia americana	Basswood	12		3	tree to be removed	Yes	12	
180	Quercus rubra	Red oak	13		3	tree to be removed	Yes	13	
188	Juglans nigra	Black walnut	9		3	tree to be removed	No	0	
189	Quercus ellipsoidalis	Pin oak	16		3	tree to be removed	No	0	
190	Quercus ellipsoidalis	Pin oak	13		3	tree to be removed	No	0	
194	Ulmus americana	American elm	14	10	3	tree to be removed	No	0	
201	Acer rubrum	Red maple	10	8,8	3	tree to be removed	No	0	
202	Quercus rubra	Red oak	11		3	tree to be removed	Yes	11	
205	Quercus rubra	Red oak	15		3	tree to be removed	Yes	15	
208	Prunus serotina	Black cherry	11		3	tree to be removed	Yes	11	
208	Carya ovata	Shagbark hickory	11		3	tree to be removed	Yes	11	
208	Carya ovata	Shagbark hickory	11		3	tree to be removed	Yes	11	50
210	Quercus rubra	Red oak	12		3	Directional Bore; tree to be saved		0	
211	Prunus serotina	Black cherry	15		3	tree to be removed	Yes	15	

Tag#	Scientific	Common	DBH	Other Items	Condition	Action	Protected Species(Y/N)	Replacement Inches	Notes
212	Juglans nigra	Black walnut	11	6	3	tree to be saved		0	
213	Quercus rubra	Red oak	12		3	tree to be saved		0	
214	Quercus rubra	Red oak	12		3	tree to be saved		0	
215	Fraxinus pennsylvanica	Green ash	14		3	tree to be saved		0	
216	Carya ovata	Shagbark hickory	14		3	Directional Bore; tree to be saved		0	
221	Quercus rubra	Red oak	13	13	3	tree to be removed	Yes	13	
222	Quercus rubra	Red oak	10	10	3	tree to be removed	Yes	10	
224	Prunus serotina	Black cherry	13		3	tree to be removed	Yes	13	
225	Quercus rubra	Red oak	13		3	tree to be removed	Yes	13	
226	Prunus serotina	Black cherry	12		3	tree to be removed	Yes	12	
231	Carya ovata	Shagbark hickory	11		3	tree to be removed	Yes	11	
232	Prunus serotina	Black cherry	13		3	tree to be removed	Yes	13	
233	Quercus rubra	Red oak	13		3	tree to be removed	Yes	13	
237	Quercus rubra	Red oak	18		3	tree to be saved	Yes	18	
238	Prunus serotina	Black cherry	8		3	tree to be saved	Yes	8	
238	Quercus rubra	Red oak	12		3	tree to be saved	Yes	12	
241	Quercus rubra	Red oak	12		3	tree to be removed	Yes	12	
243	Quercus ellipsoidalis	Pin oak	15		3	tree to be removed	No	0	
246	Tilia americana	Basswood	15		3	tree to be saved	Yes	15	
247	Quercus rubra	Red oak	17		3	tree to be saved	Yes	17	
251	Prunus serotina	Black cherry	15		3	tree to be saved	Yes	15	
255	Quercus rubra	Red oak	11		3	Directional Bore; tree to be saved		0	
256	Quercus rubra	Red oak	18		3	tree to be removed	Yes	18	
257	Quercus rubra	Red oak	13		3	tree to be removed	Yes	13	
258	Quercus rubra	Red oak	14		3	Directional Bore; tree to be saved		0	
260	Quercus macrocarpa	Bur oak	32		3	Directional Bore; tree to be saved		0	
261	Quercus macrocarpa	Bur oak	21		3	Directional Bore; tree to be saved		0	
263	Quercus rubra	Red oak	12		3	tree to be removed	Yes	12	
266	Quercus alba	White oak	13		3	tree to be removed	Yes	13	
267	Quercus macrocarpa	Bur oak	20		3	tree to be removed	Yes	20	
268	Quercus macrocarpa	Bur oak	28		3	tree to be removed	Yes	28	
268	Quercus rubra	Red oak	23		3	tree to be removed	Yes	23	
270	Prunus serotina	Black cherry	14		3	tree to be removed	Yes	14	
271	Quercus alba	White oak	27		3	tree to be removed	Yes	27	
273	Ulmus americana	American elm	14		3	tree to be removed	No	0	
274	Juglans nigra	Black walnut	24		3	tree to be removed	Yes	24	
276	Quercus ellipsoidalis	Pin oak	14		3	tree to be removed	No	0	
278	Prunus serotina	Black cherry	13	11	3	tree to be removed	Yes	13	
279	Quercus rubra	Red oak	19		3	tree to be removed	Yes	19	
280	Prunus serotina	Black cherry	14		3	tree to be removed	Yes	14	
282	Quercus alba	White oak	35		3	tree to be removed	Yes	35	
283	Quercus rubra	Red oak	13		3	tree to be removed	Yes	13	
284	Quercus alba	White oak	10		3	tree to be removed	Yes	10	
285	Quercus alba	White oak	11		3	tree to be removed	Yes	11	
287	Fraxinus pennsylvanica	Green ash	13		3	tree to be removed	No	0	
288	Quercus alba	White oak	10		3	tree to be removed	Yes	10	
288	Quercus rubra	Red oak	14		3	tree to be removed	Yes	14	
290	Quercus rubra	Red oak	14		3	tree to be removed	Yes	14	
291	Quercus alba	White oak	14		3	tree to be removed	Yes	14	
293	Quercus rubra	Red oak	14		3	tree to be removed	Yes	14	
294	Quercus alba	White oak	10		3	tree to be removed	Yes	10	
295	Prunus serotina	Black cherry	13		3	tree to be removed	Yes	13	
298	Quercus rubra	Red oak	13		3	tree to be removed	Yes	13	
297	Prunus serotina	Black cherry	8		3	tree to be removed	Yes	8	
300	Quercus alba	White oak	13		3	tree to be removed	Yes	13	
301	Quercus rubra	Red oak	11		3	tree to be removed	Yes	11	
302	Prunus serotina	Black cherry	10		3	tree to be removed	Yes	10	
304	Quercus rubra	Red oak	18		3	tree to be removed	Yes	18	
306	Prunus serotina	Black cherry	12		3	tree to be removed	Yes	12	
307	Quercus rubra	Red oak	24		3	tree to be removed	Yes	24	

Tag#	Scientific	Common	DBH	Other Stems	Condition
310	Juglans nigra	Black walnut	9		3
311	Juglans nigra	Black walnut	23		3
312	Carya ovata	Shagbark hickory	24		3
313	Quercus macrocarpa	Bur oak	22		3
316	Quercus alba	White oak	26		3
318	Quercus macrocarpa	Bur oak	22		3
318	Ulmus americana	American elm	17		3
318	Quercus macrocarpa	Bur oak	18		3
320	Quercus rubra	Red oak	17		3
321	Quercus rubra	Red oak	18		3
322	Carya ovata	Shagbark hickory	16		3
323	Quercus rubra	Red oak	16		3
324	Carya cordiformis	Bitternut hickory	11		3
325	Quercus rubra	Red oak	19		3
326	Quercus rubra	Red oak	17		3
327	Quercus rubra	Red oak	10		3
329	Quercus rubra	Red oak	20		3
330	Carya cordiformis	Bitternut hickory	12		3
332	Quercus macrocarpa	Bur oak	36		3
335	Quercus rubra	Red oak	15		3
336	Quercus rubra	Red oak	19		3
336	Quercus rubra	Red oak	15		3
338	Quercus rubra	Red oak	18		3
340	Quercus rubra	Red oak	18		3
341	Quercus rubra	Red oak	10		3
342	Quercus rubra	Red oak	13		3
344	Quercus rubra	Red oak	20		3
345	Catalpa speciosa	Catalpa	17		3
346	Juglans nigra	Black walnut	12		3
348	Quercus rubra	Red oak	18	17	3
349	Acer rubrum	Red Maple	12		3
352	Quercus rubra	Red oak	13		3
354	Juglans nigra	Black walnut	12		3
355	Quercus rubra	Red oak	17		3
356	Quercus macrocarpa	Bur oak	28		3
357	Quercus alba	White oak	28		3
358	Quercus rubra	Red oak	20		3
359	Quercus rubra	Red oak	20		3
360	Carya ovata	Shagbark hickory	15		3
361	Prunus serotina	Black cherry	12		3
362	Prunus serotina	Black cherry	9		3
363	Quercus rubra	Red oak	13		3
364	Quercus macrocarpa	Bur oak	25		3
367	Tilia americana	Basewood	11		3
368	Tilia americana	Basewood	11		3
370	Juglans nigra	Black walnut	15		3
371	Gleditsia triacanthos	Honeylocust	16		3
372	Tilia americana	Basewood	10		3
373	Catalpa speciosa	Catalpa	13		3
374	Quercus rubra	Red oak	19		3
375	Quercus rubra	Red oak	14		3
376	Quercus rubra	Red oak	11		3
377	Quercus rubra	Red oak	15		3
378	Tilia americana	Basewood	12		3
380	Quercus macrocarpa	Bur oak	28		3
381	Quercus macrocarpa	Bur oak	28		3
383	Quercus ellipsoidalis	Pin oak	15	13	3
384	Juglans nigra	Black walnut	13		3
385	Quercus rubra	Red oak	12		3
388	Quercus rubra	Red oak	12		3

Action	Protected Species (YN)	Replacement Inches	Notes
tree to be removed	Yes	9	
tree to be removed	Yes	23	
tree to be removed	Yes	24	
tree to be removed	Yes	22	
tree to be removed	Yes	26	
tree to be removed	Yes	22	
tree to be removed	No	0	
tree to be removed	Yes	19	
tree to be removed	Yes	17	
tree to be removed	Yes	18	
tree to be removed	Yes	16	
tree to be removed	Yes	16	
tree to be removed	Yes	11	
tree to be removed	Yes	19	
tree to be removed	Yes	17	
tree to be removed	Yes	10	
tree to be removed	Yes	20	
tree to be removed	Yes	12	
tree to be removed	Yes	36	
tree to be removed	Yes	15	
tree to be removed	Yes	19	
tree to be removed	Yes	15	
tree to be removed	Yes	18	
tree to be removed	Yes	19	
tree to be removed	Yes	10	
tree to be removed	Yes	13	
tree to be removed	Yes	20	
tree to be removed	No	0	
tree to be removed	Yes	12	
Directional Bore; tree to be saved		0	
Directional Bore; tree to be saved		0	
tree to be saved	Yes	13	
Directional Bore; tree to be saved		0	
tree to be removed	Yes	17	
tree to be removed	Yes	28	
tree to be removed	Yes	28	
tree to be removed	Yes	20	
tree to be removed	Yes	20	
tree to be removed	Yes	15	
tree to be removed	Yes	12	
tree to be removed	Yes	9	
tree to be removed	Yes	13	
tree to be removed	Yes	25	
tree to be removed	Yes	11	
tree to be removed	Yes	11	
Directional Bore; tree to be saved		0	
tree to be removed	No	0	
tree to be saved		0	
tree to be saved		0	
tree to be removed	Yes	14	
tree to be saved	Yes	11	
tree to be removed	Yes	15	
tree to be removed	Yes	12	
tree to be removed	Yes	29	
tree to be removed	Yes	29	
Directional Bore; tree to be saved		0	
tree to be saved		0	
Directional Bore; tree to be saved		0	
Directional Bore; tree to be saved		0	

Tag#	Scientific	Common	DBH	Other Stems	Condition	Action	Protected Species (Y/N)	Replacement Inches	Notes
485	Quercus alba	White oak	26		3	tree to be removed	Yes	29	
488	Quercus rubra	Red oak	34		3	tree to be removed	Yes	34	
497	Quercus rubra	Red oak	17		3	tree to be removed	Yes	17	175
503	Quercus alba	White oak	35		3	tree to be removed	Yes	35	
504	Quercus rubra	Red oak	12		3	tree to be removed	Yes	12	
505	Fraxinus pennsylvanica	Green ash	18		3	tree to be removed	No	0	
506	Quercus rubra	Red oak	23		3	tree to be removed	Yes	23	
507	Tilia americana	Basswood	11		3	tree to be removed	Yes	11	
508	Tilia americana	Basswood	11	6	3	tree to be removed	Yes	11	
510	Quercus rubra	Red oak	21		3	tree to be removed	Yes	21	
511	Quercus rubra	Red oak	17		3	tree to be removed	Yes	17	
512	Quercus rubra	Red oak	21		3	tree to be removed	Yes	21	
513	Tilia americana	Basswood	15		3	tree to be removed	Yes	15	
514	Prunus serotina	Black cherry	10		3	tree to be removed	Yes	10	
516	Juglans nigra	Black walnut	19		3	tree to be removed	Yes	19	
518	Ulmus americana	American elm	21		3	tree to be removed	No	0	
519	Catalpa speciosa	Catalpa	12		3	tree to be removed	No	0	
521	Quercus rubra	Red oak	12		3	tree to be removed	Yes	12	
524	Quercus rubra	Red oak	20		3	tree to be removed	Yes	20	
531	Gleditsia triacanthos	Honeylocust	12		3	tree to be removed	No	0	
532	Quercus rubra	Red oak	20	19	3	tree to be removed	Yes	20	
533	Quercus rubra	Red oak	20		3	tree to be removed	Yes	20	
534	Tilia americana	Basswood	12	10.6.5	3	tree to be removed	Yes	12	
537	Quercus rubra	Red oak	21		3	tree to be removed	Yes	21	
541	Acer platanoides	Norway maple	23		3	tree to be saved		0	
542	Tilia americana	Basswood	11	8.8	3	tree to be saved		0	
545	Juglans nigra	Black walnut	15		3	tree to be removed	Yes	15	
548	Quercus rubra	Red oak	15		3	tree to be removed	Yes	15	
549	Prunus serotina	Black cherry	11		3	tree to be removed	Yes	11	
550	Tilia americana	Basswood	12	8	3	tree to be saved	No	0	
551	Quercus rubra	Red oak	16		3	tree to be saved	Yes	16	
552	Catalpa speciosa	Catalpa	16		3	tree to be removed	No	0	
553	Prunus serotina	Black cherry	13		3	tree to be removed	Yes	13	
554	Tilia americana	Basswood	17		3	tree to be saved		0	
555	Prunus serotina	Black cherry	12		3	tree to be removed	Yes	12	
557	Gleditsia triacanthos	Honeylocust	18		3	Root prune; tree to be saved		0	
558	Carya ovata	Shagbark hickory	10		3	tree to be removed	Yes	10	
559	Prunus serotina	Black cherry	11		3	tree to be removed	Yes	11	
560	Quercus ellipsoidalis	Pin oak	15		3	tree to be removed	No	0	200
561	Quercus rubra	Red oak	16		3	tree to be removed	Yes	16	
562	Catalpa speciosa	Catalpa	20		3	tree to be removed	No	0	
564	Robinia pseudoacacia	Black locust	18		3	tree to be removed	No	0	
565	Tilia americana	Basswood	23	16	3	tree to be removed	Yes	20	
568	Robinia pseudoacacia	Black locust	12		3	tree to be removed	No	0	
569	Robinia pseudoacacia	Black locust	13		3	tree to be removed	No	0	
572	Catalpa speciosa	Catalpa	20		3	Root prune; tree to be saved	No	0	
575	Tilia americana	Basswood	10		3	tree to be removed	Yes	10	
578	Tilia americana	Basswood	18		3	tree to be removed	Yes	18	
579	Catalpa speciosa	Catalpa	17		3	tree to be removed	No	0	
580	Quercus rubra	Red oak	22	8	3	tree to be removed	Yes	22	
583	Tilia americana	Basswood	13		3	tree to be removed	Yes	13	
584	Platanus occidentalis	Sycamore	13		3	tree to be removed	No	0	
585	Juglans nigra	Black walnut	18		3	tree to be removed	Yes	16	
588	Tilia americana	Basswood	13	9	3	tree to be removed	Yes	13	
589	Tilia americana	Basswood	12	5	3	tree to be removed	Yes	12	
589	Catalpa speciosa	Catalpa	20		3	tree to be removed	No	0	208
			5147						

3,300.00 TOTAL REPLACEMENT INCHES (3 - RATED TREES)