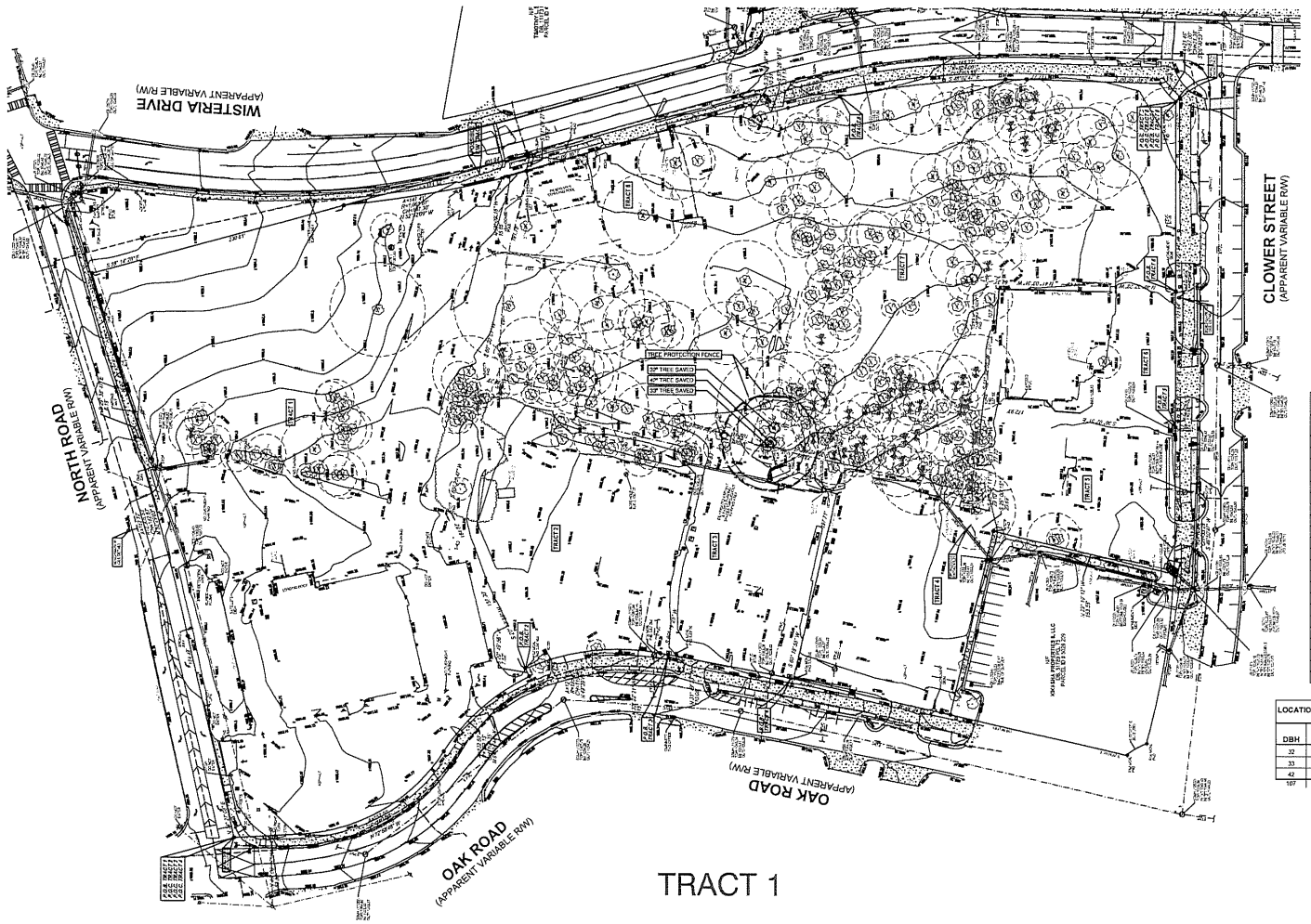
THE GROVE
AT TOWNE CENTER

TREE ASSESSMENT PACKAGE



TRACT 1

1 TREE PROTECTION PLAN

TREE SYMBOL LEGEND

EXISTING TREE TO REMAIN IMPACTED CRITICAL ROOT ZONE AND STRUCTURAL ROOT PLATE

DESTROYED TREE REMOVAL DUE TO POOR HEALTH OR CONSTRUCTION

EXISTING TREE TO REMAIN HEALTHY TREE NOT IMPACTED BY CONSTRUCTION

LOCATION:___The Town Center @ Snellville. Tract 1 - Specimen Trees to be Removed

DBH	SPECIES	Specimen	UNIT VALUE	Comments
47	Red Oak	Yes	36	
31	Post Oak	Yes	15.6	
22	Maple tree	Yes	7.8	
30	Water Oak	Yes	14.7	
32	White Oak	Yes	16.8	
32	Post Oak	Yes	16.8	
31	Red Oak	Yes	15.6	
32	Red Oak	Yes	16.8	
33	White Oak	Yes	17.7	
30	White Oak	Yes	14.7	
33	White Oak	Yes	17.7	
31	Chestnut Oak	Yes	15.6	
36	Red Oak	Yes	21.3	
37	Red Oak	Yes	22.5	
33	White Oak	Yes	17.7	
27	Red Oak	Yes	12	
26	Red Oak	Yes	11.1	
29	Red Oak	Yes	13.8	
40	Red Oak	Yes	28.1	
29	White Oak	Yes	13.8	
28	White Oak	Yes	11.1	
26	Red Oak	Yes	11.1	
693	TOTAL		366.3	TOTAL (100%)

LOCATION:___The Town Center @ Snellville. Tract 1 Specimen Trees-Preserved

DBH	SPECIES	Specimen	UNIT VALUE		Comments
32	HW	Y	22.4		
33	HW	Y	23.6		
42	HW	Y	38.4		
107	TOTAL		84.4	TOTAL (100%)	

Required Tree Density Units
16 (tdu's) x 18.27 acres = 292 Units
Specimen Tree Removals = 366.3 Units
TOTAL = 658.3 units to be provided

Provided Units
The ordinance allows up to 50 percent of the required units to be derived from the stream buffer.
658.3 /2 = 329.15 credits allowed of the 447.4 credits preserved.
*Specimen Trees Preserved Provided (84.4 x 2.0 specimen tree multiplier) = 168.8
TOTAL PROVIDED = 329.15+126.6 = 497.55

*Downey Trees to provide a tree prescription for Preserved Specimen trees.

The remainder to be provided is 160.35 units through re-plantings, tree bank, or by Mayor and Council Variance.

2 DENSITY CALCULATIONS

0 40 80 120 feet
SCALE: 1" = 40'
NORTH

REVISIONS / PRINTED

REV. NO.	DATE	REMARKS
	03/24/16	FOR REVIEW
	11/05/16	FOR REVIEW

GEORGIA REGISTERED No. LA001888 LICENSED LANDSCAPE ARCHITECT MATHAN LEE LOGAN

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TREE PROTECTION PLAN
THE GROVE AT TOWNE CENTER
SNELLVILLE, GA

DATE

JOB NO. 217103.00

SHEET NO. L1-00

NOT ISSUED FOR CONSTRUCTION

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TRACT 2

1 TREE PROTECTION PLAN

LOCATION: The Town Center @ Snellville. Tract 2 Stream Buffer (75' Impervious Buffer)

DBH	SPECIES	Specimen	UNIT VALUE		Comments
6	HW		0.9		
6	HW		0.9		
6	HW		0.9		
6	HW		0.9		
6	HW		0.9		
6	HW		0.9		
6	HW		0.9		
6	HW		0.9		
6	HW		0.9		
6	HW		0.9		
6	HW		0.9		
6	HW		0.9		
6	HW		0.9		
6	HW		0.9		
6	PINE		0.9		
6	PINE		0.9		
6	PINE		0.9		
6	PINE		0.9		
6	PINE		0.9		
6	PINE		0.9		
6	PINE		0.9		
6	PINE		0.9		
6	PINE		0.9		
6	PINE		0.9		
6	PINE		0.9		
6	PINE		0.9		
6	POP		0.9		
7	HW		1.0		
7	HW		1.0		
7	HW		1.0		
7	PINE		1.0		
7	PINE		1.0		
7	PINE		1.0		
7	PINE		1.0		
7	PINE		1.0		
8	HW		1.1		
8	HW		1.1		
8	HW		1.1		
8	HW		1.1		
8	HW		1.1		
8	HW		1.1		
8	HW		1.1		
8	HW		1.1		
8	OAK		1.1		
8	PINE		1.1		
8	PINE		1.1		
8	PINE		1.1		
9	PINE		1.1		
9	PINE		1.1		
9	HW		1.2		
9	HW		1.2		
9	HW		1.2		
10	CYP		1.3		
10	HW		1.3		
10	HW		1.3		
10	HW		1.3		
10	HW		1.3		
10	HW		1.3		
10	HW		1.3		
10	HW		1.3		
10	HW		1.3		
10	HW		1.3		
10	HW		1.3		
10	OAK		1.3		
10	PINE		1.3		
12	GUM		1.6		
12	HW		1.6		
12	HW		1.6		
12	HW		1.6		
12	HW		1.6		

12	HW		1.6		
12	HW		1.6		
12	HW		1.6		
12	HW		1.6		
12	HW		1.6		
12	HW		1.6		
12	HW		1.6		
12	HW		1.6		
13	HW		1.8		
13	HW		1.8		
14	GUM		2.2		
14	HW		2.2		
14	HW		2.2		
14	HW		2.2		
14	OAK		2.2		
15	GUM		2.4		
15	HW		2.4		
15	HW		2.4		
15	HW		2.4		
15	OAK		2.4		
15	OAK		2.4		
15	OAK		2.4		
15	PINE		2.4		
16	HW		2.8		
16	HW		2.8		
16	HW		2.8		
16	HW		2.8		
16	HW		2.8		
16	HW		2.8		
16	OAK		2.8		
16	OAK		2.8		
17	HW		3.2		
17	HW		3.2		
17	OAK		3.2		
18	GUM		3.6		
18	HW		3.6		
18	HW		3.6		
18	HW		3.6		
18	HW		3.6		
18	HW		3.6		
18	HW		3.6		
18	HW		3.6		
18	HW		3.6		
18	HW		3.6		
18	PINE		3.6		
20	HW		4.4		
20	HW		4.4		
20	HW		4.4		
20	HW		4.4		
20	PINE		4.4		
21	HW		4.8		
21	HW		4.8		
21	HW		4.8		
21	HW		4.8		
21	HW		4.8		
21	OAK		4.8		
22	HW		5.2		
24	HW		5.2		
24	HW		5.2		
24	HW		5.2		
24	HW		5.2		
24	HW		5.2		
24	OAK		5.2		
24	OAK		5.2		
25	HW		7.4		
26	HW	Y	8.6		
26	HW	Y	8.6		
26	OAK	Y	8.6		
26	OAK	Y	8.6		
30	HW	Y	9.8		
30	HW	Y	9.8		
30	HW	Y	9.8		
32	HW	Y	11.2		
32	HW	Y	11.2		
32	HW	Y	11.2		
34	HW	Y	12.5		
36	HW	Y	14.2		
38	HW	Y	15.8		
2162	TOTAL		447.4	TOTAL (100%)	

TREE SYMBOL LEGEND

EXISTING TREE TO REMAIN IMPACTED CRITICAL ROOT ZONE AND STRUCTURAL ROOT PLATE

DESTROYED TREE REMOVAL DUE TO POOR HEALTH OR CONSTRUCTION

EXISTING TREE TO REMAIN HEALTHY TREE NOT IMPACTED BY CONSTRUCTION

0 40 80 120 feet

SCALE: 1" = 40'

NORTH

REVISIONS / PRINTED

REV. NO.	DATE	REMARKS
	10/24/19	FOR REVIEW
	11/05/19	FOR REVIEW

GEORGIA REGISTERED LANDSCAPE ARCHITECT No. LA001668 MEGAN LEE LOGAN

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TREE PROTECTION PLAN

THE GROVE AT TOWNE CENTER
SNELLVILLE, GA

DATE

JOB NO. 217103.00

SHEET NO. L1-01

NOT ISSUED FOR CONSTRUCTION

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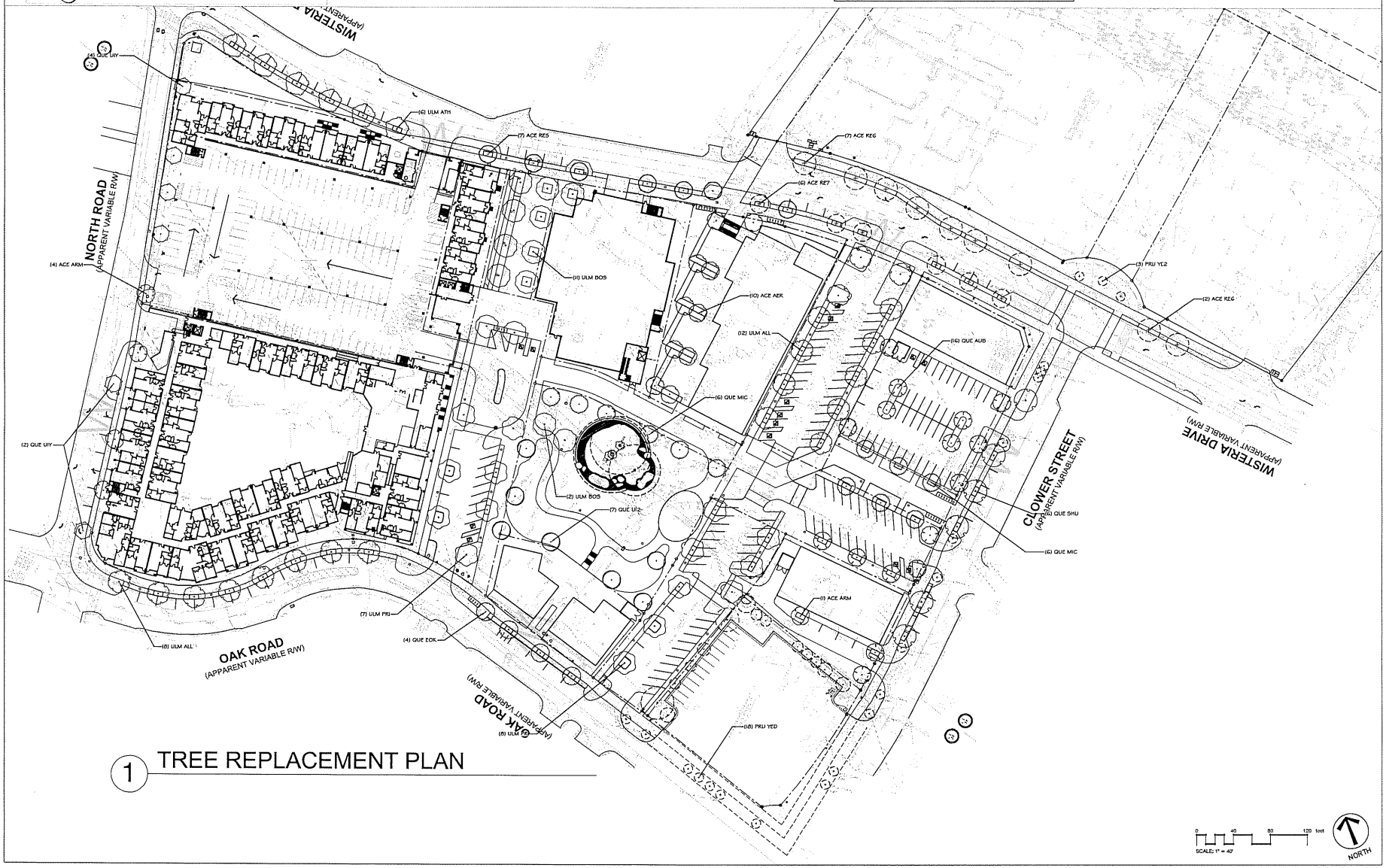
TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	TREE DENSITY UNITS (EA.)	TREE DENSITY UNITS (SUBTOTAL)
	ACE ACR	10	Acer buergerianum `Aeryn`	Trident Maple	3" CAL.	0.6	6.0
	ACE RES	7	Acer rubrum	Red Maple	3" CAL.	0.6	4.2
	ACE RE7	6	Acer rubrum EXISTING STREET TREES	Red Maple	4" CAL.	0.6	3.6
	ACE RE8	9	Acer rubrum EXISTING STATTE TREES	Red Maple	5" CAL.	0.7	6.3
	ACE ARM	5	Acer rubrum `Armstrong`	Armstrong Red Maple	3" CAL.	0.6	3.0
	PRU YED	18	Prunus x yedoensis EXISTING STREET TREES	Yoshino Cherry	4" CAL.	0.6	10.8
	PRU YE2	3	Prunus x yedoensis EXISTING STREET TREES	Yoshino Cherry	3" CAL.	0.7	2.1
	QUE UIY	6	Quercus laurifolia `Avalyn`	Laurel Oak	3" CAL.	0.6	3.6
	QUE UI2	7	Quercus laurifolia `Avalyn`	Laurel Oak	3" CAL.	0.6	4.2

TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	TREE DENSITY UNITS (EA.)	TREE DENSITY UNITS (SUBTOTAL)
	QUE MIC	12	Quercus michauxii	Swamp Chestnut Oak	3" CAL.	0.6	7.2
	QUE AUB	16	Quercus nuttallii `Big Boy`	Nuttall Oak	3" CAL.	0.6	9.6
	QUE EOK	4	Quercus phellos `OPSTA` TM	Hightower Willow Oak	3" CAL.	0.6	2.4
	QUE SHU	6	QUERCUS SHUMARDII	SHUMARD OAK	3" CAL.	0.6	3.6
	ULM PRI	15	ULMUS AMERICANA `PRINCETON`	AMERICAN ELM	3" CAL.	0.6	9.0
	ULM ALL	20	ULMUS PARVIFOLIA `ALLEE`	ALLEE LACEBARK ELM	3" CAL.	0.6	12.0
	ULM ATH	6	ULMUS PARVIFOLIA `ATHENA`	ATHENA ELM	3" CAL.	0.6	3.6
	ULM BOS	13	ULMUS PARVIFOLIA `BOSQUE`	BOSQUE ELM	3" CAL.	0.6	7.8
						TOTAL	99.0

160.35 REPLACEMENT UNITS ARE REQUIRED AND 99.0 REPLACEMENT UNITS ARE SHOWN IN PHASE ONE. 61.35 UNITS TO BE PLANTED IN PHASE TWO.



1 TREE REPLACEMENT PLAN

REVISIONS / PRINTED		
REV. NO.	DATE	REMARKS
	11-05-19	FOR REVIEW

GEORGIA REGISTERED LANDSCAPE ARCHITECT No. LA001588 SEBASTIAN LEE LOGAN

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TREE REPLACEMENT PLAN

SNELLVILLE TOWNE CENTER

SNELLVILLE, GEORGIA

DATE

JOB NO. 217103.00

SHEET NO. L1-02

NOT FOR CONSTRUCTION

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