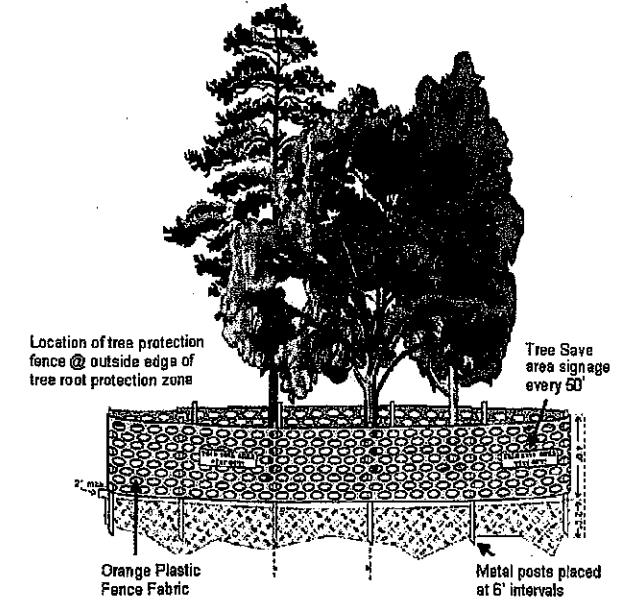




IF YOU DIG GEORGIA...
CALL US FIRST!
DIAL 811
OR 1-800-282-7411
IT'S THE LAW

24 HOUR CONTACT:
MR. JEFF SMITH
(770) 938-9000

FIGURE 2: Tree Protection Fence Installation Detail



*** SPECIMEN TREE PROTECTION REQUIRES ORANGE POLYETHYLENE FENCE BE REPLACED WITH CHAIN LINK.***

TREE FENCE TYPES - AS NOTED ON ADJACENT PLAN - ALL TYPE A.

TYPE A: ORANGE FENCING AS SHOWN ABOVE

TREE SAVE AREA - STAY OUT

HEAVY MILL PLASTIC DARK LETTERING ON BRIGHT BACKGROUND

TREE PROTECTION NOTES:

Tree save fence for the entire site must be installed, inspected and approved prior to the installation of erosion control measures. No land disturbance or demolition is allowed before tree save fencing has been inspected and approved by Community Development Director.

All existing trees, specimen and non-specimen, counted for EDF credits must be fully preserved during individual lot permitting.

Figure 3: Tree Protection Fencing for a Single Non-Specimen Tree

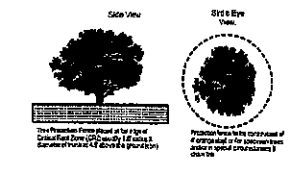
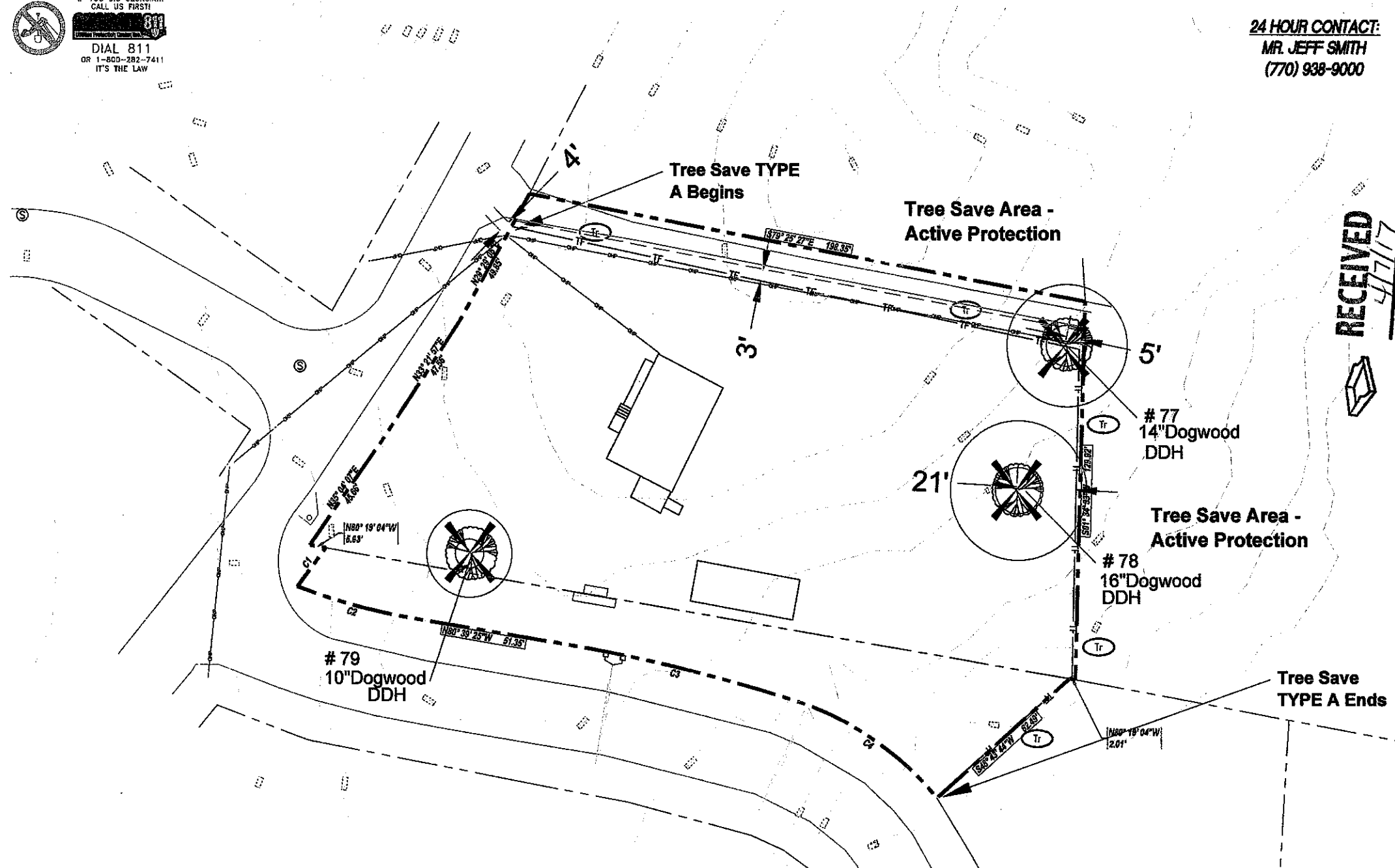
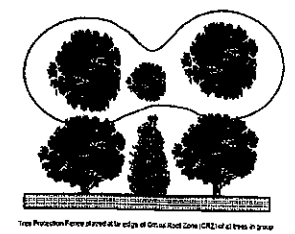


Figure 4: Tree Protection Fencing for Multiple Non-Specimen Trees



TREE PROTECTION CALCULATIONS

Total Acres = 0.84 Acres - 0.12 Acres Easements = 0.72 Net Acres

Required Density Factor (RDF) = 0.72 x 100 inches per Acre = 72 Inches RDF

EDF (Existing Density Factor) = 0

Replacement Density Factor = 72 Replanted Inches - 72 Inches (RDF) = 0

SITE DENSITY SATISFIED. See Sheet L101 for Layout and Specifications.

NO BOUNDARY TREES WERE LOCATED ADJACENT TO THE SUBJECT PROPERTY.

X SPECIMEN SIZE TREE TO BE IMPACTED OR REMOVED PER PROPOSED SCOPE OF WORK.

SPECIMENS REMOVED (All Nonspecimen Quality)		
DBH	TOTAL NO. OF TREES	TOTAL INCHES
10"	1	10.00
14"	1	14.00
16"	1	16.00
TOTAL:		40.00

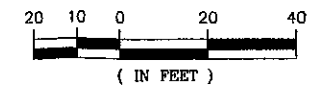
SPECIMENS TREES

ARBORIST REPORT PROVIDED COVERING SPECIMEN SIZED TREES EXISTING ON THE SITE HAS BEEN PROVIDED AS PART OF THIS SUBMITTAL - SEE LAST SHEET OF TREE PLAN SET.

0 Inches Specimen Quality Trees Proposed to be Removed / Impacted Greater than 20%

0 RECOMPENSE REQUIRED

SEE SHEET L101 FOR SPECIFICATIONS.



REVISIONS

DATE	DESCRIPTION

CLIENT: BRADLEY M. THOMPSON
PO BOX 680813, MARIETTA, GEORGIA 30068

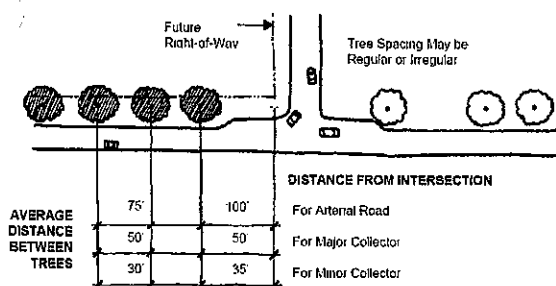
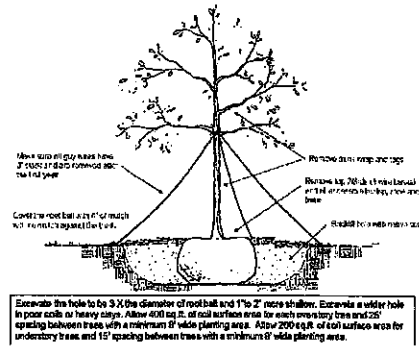
mond
LAND PLANNING and DESIGN, LLC
6222 MAIN STREET
WOODSTOCK, GEORGIA 30188
PHONE 770.402.5719
FAX 1.866.334.0000

MELISSA REA CASPELL

TREE PROTECTION PLAN FOR PARK PLACE
LAND LOT 335, 17TH DISTRICT, 2ND SECTION - City of Smyrna

DATE: 4.05.17
JOB NO.: MCIP1715
DRAWN: MRC
CHECKED: ETC
SCALE: 1" = 20'
SHEET: L100

Figure 11: Tree Planting Detail



STREET TREES
Provide One (1) - Min. 3" Cal Shade Tree for every 40 LF of Roadway Frontage.

374 LF Roadways - 30 Easements = 334 / 40 LF = 9 Shade Trees

9 Shade Trees to be Planted = 10 Trees - Min. 3" Cal. Provided Along Roadway Frontages

PLANT STREET TREES IN RIGHT-OF-WAY LOCATED 3' BEHIND THE SIDEWALK - MEETING THESE MINIMUM SETBACKS:

- 15' FROM ANY DRIVEWAYS
- 10' FROM ANY UTILITIES
- 35' FROM INTERSECTION

PROVIDE 25' MINIMUM SPACING BETWEEN THE TRUNKS OF ALL OVERTORY TREES AND ANY OTHER TREE.

PROVIDE 15' MINIMUM BETWEEN UNDERSTORY TREES.

PROVIDE 10' MINIMUM BETWEEN EVERGREEN SCREENING TREES.

LOT TREES

MIN. ONE LOT TREE PROVIDED PER EACH LOT IN WHICH THERE IS NO TREE SAVE AREA PRESERVED.

MAX. 30% OF ANY ONE GENUS PROVIDED.

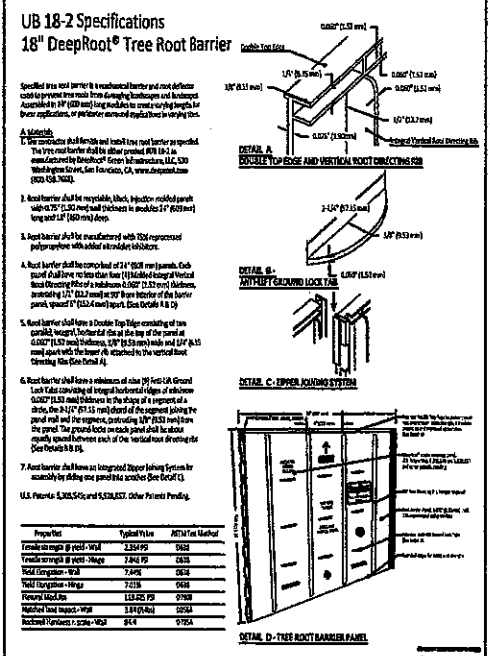
PLANT SCHEDULE

COMMON NAME	BOTANICAL	QTY DENSITY	MINIMUM SIZE	HEIGHT	INCHES PER TREE	TOTAL INCHES	GENUS %
RED MAPLE	Acer rubrum	5	4" CAL.	14-16'	4	20.00	0.28
ZELKOVA	Zelkova serrata	5	4" CAL.	14-16'	4	20.00	0.28
NUTTALL OAK	Quercus nuttallii	5	4" CAL.	14-16'	4	20.00	0.28
HONEYFIRE HOLLY	Ilex 'Honeyfire'	6		7-9'	2	12.00	0.17
TOTAL # TREES =		21				72.000	100.00

SPECIFICATION -
ALL TREES (DECIDUOUS) - B&B; MATCHING; UNIFORM SPREAD; BRANCHING FROM 8' AND UP, ALL TREES (EVERGREEN) - MATCHING; UNIFORM SPREAD TO MIN. 3'; FULL TO GROUND ALL SHRUBS - MATCHING; UNIFORM SPREAD TO MIN. 24"; FULL TO GROUND

ROOT BARRIER -
ROOT BARRIER, AS SPECIFIED AT RIGHT, TO BE PROVIDED AT BACK OF PUBLICLY MAINTAINED SIDEWALK AND/OR CURB WHERE TREE PROPOSED TO BE PLANTED WITHIN 10' OF SAID SIDEWALK AND/OR CURB. SEE LOCATION AT BACK OF SIDEWALK, AS REPRESENTED BY BOLD LINE ON PLAN BELOW. BREAK SPANSE FOR DRIVEWAYS.

24 Hour CONTACT:
MR. JEFF SMITH
(770) 938-9000



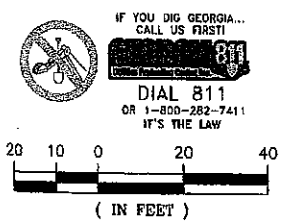
1. The Community Development Director must inspect the site before installation of erosion control measures. Land disturbance without a site inspection and approval by the Community Development Director will result in a "Stop-Work Order" and fines.
2. If the tree survey inaccuracies are found on-site, a stop-work order will be issued until revised plans are approved and processed based on accurate information.
3. The Community Development Director must inspect and approve the site before the issuance of a Certificate of Occupancy.
4. Trees agreed upon to be saved is the responsibility of the owner.
5. A 3-inch layer of organic mulch will be required for the CRZ of Specimen Trees. Mulch must be applied prior to the start of construction. Keep mulch at least 5-inch radius away from the trunk.
6. A 3-inch layer of organic mulch will be required for all replacement trees. Mulch must be applied prior to the start of construction. Keep mulch at least 5-inch radius away from the trunk.
7. All newly planted trees shall have visible root flares at finished grade. No circling roots shall be allowed on planted trees. The upper 2/3 of the wire basket, all burlap and strapping shall be cut and removed before the backfilling of the planting holes.
8. Trees less than the caliper inch shown will not be accepted. Example; 4-inch caliper trees must be 4-inches or larger.
9. Plant height measurement is taken at the top of the main body of the plant and not at the tip of the topmost growth.
10. All newly planted trees shall be equivalent in quality to a Florida #1 grade or better. All trees of lesser quality can be rejected by the Community Development Director.
11. Watering bags or a drip irrigation system will be provided for all trees prior to issuance of the certificate of occupancy. Water bags will be refilled according to soil conditions and adjusted during times of droughts for a minimum of 2 years after installation.
12. No Trenching allowed in Tree Safe Area, including irrigation installation.
13. All tree guying and stakes shall be removed from the tree(s) one year after planting date.

TREE PROTECTION NOTES:

Tree save fence for the entire site must be installed, inspected and approved prior to the installation of erosion control measures. No land disturbance or demolition is allowed before tree save fencing has been inspected and approved by Community Development Director.

All existing trees, specimen and non-specimen, counted for EDF credits must be fully preserved during individual lot permitting.

ALL TREES MUST BE PLANTED AT LEAST 10 FEET FROM ANY UTILITY LINE.



REVISIONS

DATE	DESCRIPTION

CLIENT: **BRADLEY M. THOMPSON**
PO BOX 660813, MARIETTA, GEORGIA 30066

mondo
LAND PLANNING AND DESIGN, LLC
400 W. MAIN STREET, SUITE 3018
SMYRNA, GA 30080
PHONE: 770.462.9778
FAX: 1.866.334.0303

GEORGIA
REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT
4.05.17
MISSISSIPPI AREA LICENSE

TREE REPLACEMENT PLAN
FOR **PARK PLACE**
LAND LOT 335, 17TH DISTRICT, 2ND SECTION - CITY OF SMYRNA

DATE	4.05.17
JOB NO.	MOTP1718
DRAWN	MRC
CHECKED	ERC
SCALE	1"=20'
SHEET	L101



REVISIONS	
DATE	DESCRIPTION

m o n d o

Tree # 77 Size (DBH) 14 Species Dogwood

GOOD <input type="checkbox"/>	FAIR <input type="checkbox"/>	POOR <input type="checkbox"/>	Non-Specimen / DBH <input type="checkbox"/>
Canopy		Trunk	
Multi-Leaders <input type="checkbox"/>	Conk/Mushroom <input type="checkbox"/>	Weak Attachment <input type="checkbox"/>	Codominant <input type="checkbox"/>
Included Bark <input type="checkbox"/>	Open Wound <input type="checkbox"/>	Broken Branches <input type="checkbox"/>	Included Bark <input type="checkbox"/>
Decay <input type="checkbox"/>	Dead Branches <input type="checkbox"/>	Dead Branches <input type="checkbox"/>	Heartwood Decay <input type="checkbox"/>
Canker/Gall <input type="checkbox"/>	Unbalanced Crown <input type="checkbox"/>	Tip Dieback <input type="checkbox"/>	Canker/Gall <input type="checkbox"/>
Roots/Sight Conditions		Holding Water <input type="checkbox"/>	Ooze <input type="checkbox"/>
Surface Roots <input type="checkbox"/>	Target <input type="checkbox"/>	Vine Infested <input type="checkbox"/>	Lightning Damage <input type="checkbox"/>
Wash <input type="checkbox"/>	Stream <input type="checkbox"/>	Open Wound <input type="checkbox"/>	Lean <input type="checkbox"/>
Root Decay <input type="checkbox"/>	Slope <input type="checkbox"/>	Lichen (Stressed) <input type="checkbox"/>	Conk / Mushroom <input type="checkbox"/>

Notes:







m o n d o

Tree # 79 Size (DBH) 10 Species Dogwood

GOOD <input type="checkbox"/>	FAIR <input type="checkbox"/>	POOR <input type="checkbox"/>	Non-Specimen / DBH <input type="checkbox"/>
Canopy		Trunk	
Multi-Leaders <input type="checkbox"/>	Conk/Mushroom <input type="checkbox"/>	Weak Attachment <input type="checkbox"/>	Codominant <input type="checkbox"/>
Included Bark <input type="checkbox"/>	Open Wound <input type="checkbox"/>	Broken Branches <input type="checkbox"/>	Included Bark <input type="checkbox"/>
Decay <input type="checkbox"/>	Dead Branches <input type="checkbox"/>	Dead Branches <input type="checkbox"/>	Heartwood Decay <input type="checkbox"/>
Canker/Gall <input type="checkbox"/>	Unbalanced Crown <input type="checkbox"/>	Tip Dieback <input type="checkbox"/>	Canker/Gall <input type="checkbox"/>
Roots/Sight Conditions		Holding Water <input type="checkbox"/>	Ooze <input type="checkbox"/>
Surface Roots <input type="checkbox"/>	Target <input type="checkbox"/>	Vine Infested <input type="checkbox"/>	Lightning Damage <input type="checkbox"/>
Wash <input type="checkbox"/>	Stream <input type="checkbox"/>	Open Wound <input type="checkbox"/>	Lean <input type="checkbox"/>
Root Decay <input type="checkbox"/>	Slope <input type="checkbox"/>	Lichen (Stressed) <input type="checkbox"/>	Conk / Mushroom <input type="checkbox"/>

Notes:

Analysis prepared by:
 E. Tyrone Casteel, ISA Certified Arborist
 Certificate Number: SO-5646A
 Mondo Land Planning + Design, LLC




Warranty Disclaimer:
 No warranties expressed or implied are made with respect to the report of aforementioned specimen trees. It is understood the OWNER makes use of this report by the ARBORIST at OWNER'S sole risk and that the report is provided as best judgment opinion. In no manner does this report guarantee the life or imply any length of life span of the trees that are determined to be specimens.

Arborist Note:
 Due to certain species and undesirable traits, some trees shall be considered in poor condition if the following is true. Numerous trees grown in a native setting may appear to grow as multi-trunk; however this is not desirable in most trees. Most trees having multi-trunks at the base are usually created when two separate trees grow together or the tree branches off at an early age and the separate trunks become Co-Dominant Leaders. Either scenario is an undesirable condition for most trees because they both create weak crotches, included bark and/or a prime place for debris and water to get trapped that will eventually cause decay. In this case these trees become increasingly hazardous and can not be considered specimen trees.




Some trees are an exception to this rule, such as, but not limited to: Birch, Wax Myrtle, Red Bud, Dogwood, Holly, Cedar, Sourwood, small Magnolia, Red Bay and Live Oak. Said are an exception because they naturally create sucker growth from the roots and/or trunk or do not typically grow to a large enough size to become an increased hazard.
 Reference: Sinclair, Wayne A., 1936. *Diseases of Trees and Shrubs*/ Wayne A. Sinclair and Howard H. Lyon. - 2nd ed. Published 2005

m o n d o

Tree # 7a Size (DBH) 16 Species Dogwood

GOOD <input type="checkbox"/>	FAIR <input type="checkbox"/>	POOR <input type="checkbox"/>	Non-Specimen / DBH <input type="checkbox"/>
Canopy		Trunk	
Multi-Leaders <input type="checkbox"/>	Conk/Mushroom <input type="checkbox"/>	Weak Attachment <input type="checkbox"/>	Codominant <input type="checkbox"/>
Included Bark <input type="checkbox"/>	Open Wound <input type="checkbox"/>	Broken Branches <input type="checkbox"/>	Included Bark <input type="checkbox"/>
Decay <input type="checkbox"/>	Dead Branches <input type="checkbox"/>	Dead Branches <input type="checkbox"/>	Heartwood Decay <input type="checkbox"/>
Canker/Gall <input type="checkbox"/>	Unbalanced Crown <input type="checkbox"/>	Tip Dieback <input type="checkbox"/>	Canker/Gall <input type="checkbox"/>
Roots/Sight Conditions		Holding Water <input type="checkbox"/>	Ooze <input type="checkbox"/>
Surface Roots <input type="checkbox"/>	Target <input type="checkbox"/>	Vine Infested <input type="checkbox"/>	Lightning Damage <input type="checkbox"/>
Wash <input type="checkbox"/>	Stream <input type="checkbox"/>	Open Wound <input type="checkbox"/>	Lean <input type="checkbox"/>
Root Decay <input type="checkbox"/>	Slope <input type="checkbox"/>	Lichen (Stressed) <input type="checkbox"/>	Conk / Mushroom <input type="checkbox"/>

Notes:

m o n d o

Tree # Size (DBH) Species

Notes:

LEFT BLANK INTENTIONALLY

RECEIVED
4/11/17

m o n d o
 LAND PLANNING and DESIGN, LLC
 8020 MAIN STREET
 SUITE 770
 ATLANTA, GA 30328
 (404) 488-3423
 Fax 1.866.334.0203



ARBORIST REPORT
 FOR
PARK PLACE
 LAND LOT 355, 17TH DISTRICT, 2ND SECTION - City of Smyrna

DATE	4.05.17
JOB NO.	MOP1716
DRAWN	MRC
CHECKED	ETC
SCALE	NIS
SHEET:	L102