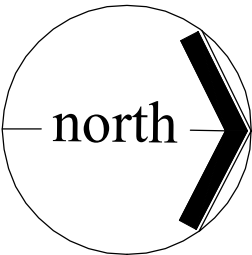


Tree Survey, Protection, and Replacement Plan - page 2 of 3

BaeBrooke Village

City of Smyrna, Georgia, Land Lot 632, 17th District

prepared for:
BaeBrooke, LLC



Tree Calculations

Site Area Calculation:
Net Site Area = 1.23 AC

Tree Density Calculation:
1.23 AC x 100"/AC = 123 Total Inches Required

EDF + RDP = SDF

EDF = 68" (68" of non-specimens + 0" of specimens preserved)

RDP = 56" (street trees and additional trees see plan and tree list)

68" + 56" + = 124" SDF
therefore density is satisfied

Specimen Tree Recompense Calculation:
No specimen trees exist on site.

Street Tree Requirement:
8 trees +/- will be required per the street tree requirement

A total of 8 x 4" caliper trees will be provided. Street trees will be placed at every viable and appropriate location possible.

The 8 (32") will be counted to satisfy density requirements.

Preserved Non Specimen Tree Inches

Tree Number	Tree Size DBH (in inches)	Tree Species
1	22	Live Oak
2	23	Live Oak
3	23	Live Oak
Total Inches:		68

PLANT TYPE	LABEL	QUAN.	COMMON NAME	BOTANICAL NAME	CALIPER	TOTAL INCHES
Replacement Trees						
(street tree)	UPB	8	Bosque Elm	Ulmus parvifolia	4	32
(replacement tree)	AS	2	Sugar Maple	Acer saccharum	4	8
(replacement tree)	QPH	1	Hightower Willow Oak	Quercus phellos 'Hightower'	4	4
(replacement tree)	PC	2	Chinese Pistache	Pistacia chinensis	4	8
(replacement tree)	ZS	1	Zelkova	Zelkova serrata	4	4
TOTALS						56

