

Tree Survey/Protection Plan - Sheet 2 of 4

Parkview Village ~ phase 3

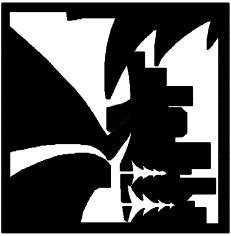
City of Smyrna, Georgia Land Lot 488, 17th District, 2nd Section

Property owner:

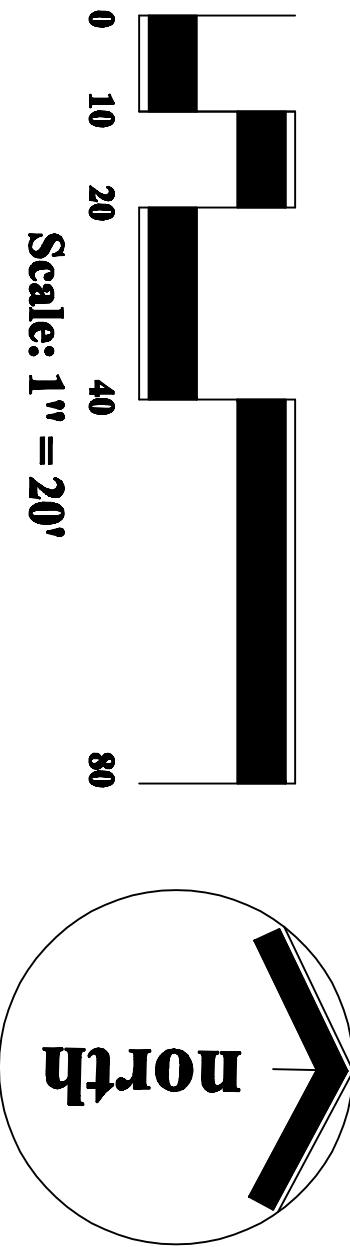
Frank Pritchard
Pritchard Brothers, Inc.
3165 Greenfield Drive
Marietta, Georgia 30068
404-597-4120

DGM

LAND PLANNING
CONSULTANTS



975 Cobb Place
Bldg. Suite 212
Kennesaw
GA 30144
770 514-9006
Fax 514-9491



May 5, 2015

Removed Specimen Tree Inches			
Tree Number	Tree Species	Tree Size DBH (in inches)	CRZ Radius (in feet)
26	Water Oak	26	39
25	Red Oak	26	39
Total Inches:		52	

Preserved Specimen Tree Inches			
Tree Number	Tree Species	Tree Size DBH (in inches)	CRZ Radius
27	White Oak	28	42

Total Inches: 28
x 3 = 84

Preserved Non Specimen Tree Inches			
Tree Number	Tree Species	Tree Size DBH (in inches)	CRZ Radius
1	Sweetgum	22	33
28	Water Oak	26	39
29	Water Oak	39	58.5
2	Water Oak	26	39
3	Water Oak	26	39
Total Inches:		139	

City of Smyrna Required Notes:

- All existing trees specimen and non specimen, counted for EIV credits must be fully preserved during individual lot permitting.
- All trees shall be protected by a CRZ.
- Tree save fence for entire site must be installed, inspected and approved prior to installation of erosion control measures. No hand disturbance approved by Community Development Director.
- The CRZ of Specimen trees receiving a 3X credit shall be protected with 6' chain link tree save fencing, signed 4' on center with metal support posts. The CRZ of non specimen trees shall be protected with 4' of organic mulch over the CRZ and an above ground irrigation system.
- 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.
- If 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.
- The Community Development Director must inspect and approve the site before the issuance of a Certificate of Occupancy.
- Trees signed upon to be saved is the responsibility of the owner.
- A 3-4" layer of mulch will be required for the CRZ of Specimen Trees. Mulch must be applied prior to start of construction. Keep mulch at least 5" from the trunk of the tree.
- A minimum 3-4" layer of mulch will be required for all existing non specimen, including street trees and parking lot trees. Mulch must be applied prior to start of construction. Mulch shall not be placed directly against tree trunks.
- All newly planted trees shall have visible root flares at finished grade. No staking roots shall be used.
- Staking shall be used for trees. The upper 2/3 of the wire basket, all wrapping, and cut and removed prior to backfill.
- All tree guy's and stakes shall be removed from tree one year after planting or before.
- NO BENCHING ALLOWED IN TREE SAVE AREAS INCLUDING BRACIGATION.
- CONTACT THE COMMUNITY DEVELOPMENT DEPARTMENT (770) 395-3880 TO ARRANGE FOR A SITE VISIT. NO CONSTRUCTION OR ANY LAND DISTURBANCE, NO PERMIT SHALL BE ISSUED UNTIL PLANS ARE APPROVED AND AN ON-SITE INSPECTION WITH CITY DEPARTMENTAL OFFICERS.
- ALL TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO REMOVAL OF UTILITIES OR STRUCTURES.
- RETTRES SHALL BE REINSTATED SUBJECT TO COMMUNITY DEPARTMENTAL APPROVAL.

General Notes:

- Boundary survey and topographic information by CTC Surveyors, dated June 30, 2007.
- According to Flood Insurance Rate Map (FIRM) #19067C0291H, the site is in Flood Zone X-1 (Shaded Area) which contains floodplain.
- No cemeteries are known to exist on site.
- No wetlands are known to exist on site.
- No streams or wetlands are known to exist on site.
- No archaeological or architectural landmarks are known to exist.
- No utility easements are known to exist on site.
- Stormwater and water quality to be managed on a lot by lot basis based on hydrologic study.

Tree Calculations

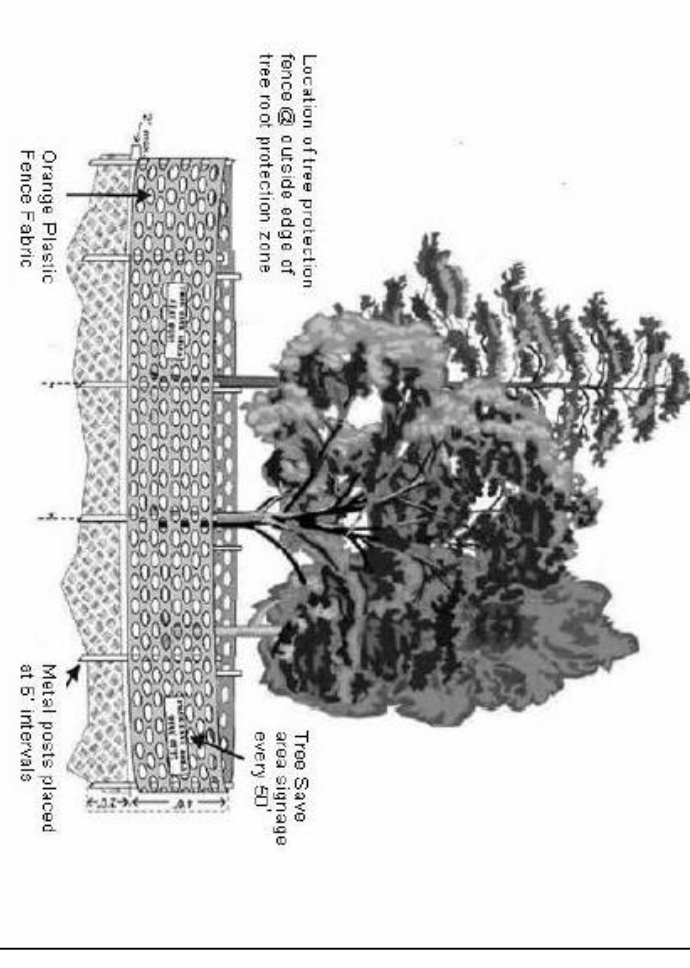
Site Area Calculation:
Net Site Area = 1.27 AC

Tree Density Calculation:
1.27 AC x 100"/AC = 127 Total Inches Required
EDR + RDR = SDR
EDR = 223" (139" of non-specimen + 84" of specimen preserved)
RDR = 0"
223" + 0" = 223" SDR
therefore density is satisfied

Specimen Tree Recompense Calculation:
57" specimen trees have been removed. (see Tree Survey/Protection Plan)
8 - 4" Cal. trees have been implemented and will count against required recompense since density has already been satisfied.

Street Tree Requirement:
8 trees are required per the street tree requirement. A total of 8 x 4" caliber trees have been provided. Street trees have been placed at every viable and appropriate location possible. The 8 trees are exclusive of density requirements.

Tree Protection for Non-Specimen Trees



*specimen tree protection requires orange polyethylene fence be replaced with chain link fence.

