

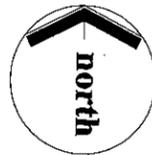
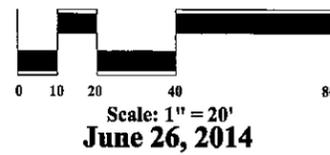
Tree Survey/Protection Plan - Sheet 2 of 3

1396 Roswell Street

City of Smyrna, Georgia Land Lot 560, 17th District, 2nd Section

property owner:

Brad Thompson
Suite 325, 4180 Providence Road
Marietta, Georgia 30062
770 527 8550



975 Cobb Place
Bldg Suite 212
KENNESAW
GA 30144
770 514-9006
FAX 514-9491



Preserved Specimen Tree Inches

Tree Number	Tree Species	Tree Size DBH (in inches)	CRZ Radius
147	Red Oak	35	52.5
224	Post Oak	24	36

Total Inches: 59
x 3 = 177

Preserved Non Specimen Tree Inches

Tree Number	Tree Species	Tree Size DBH (in inches)	CRZ Radius
225	Red Oak	32	48
227	Water Oak	31	46.5
1P	Oak	22	33
2P	Oak	20	30
3P	Oak	17	25.5
4P	Oak	15	22.5
5P	Oak	10	15
6P	Oak	11	16.5
7P	Oak	13	19.5

Total Inches: 171

ARBORIST REPORT FOR:
Roswell St., Walker & Whitfield Tract, Smyrna, Georgia
Prepared For: Mr. Brad Thompson
Visual Inspection only
Prepared by: T.J. Schell, LLC
Landscape Architects And Certified Arborists
2985 Gandy Parkway, Suite 424, Marietta, GA 30066
Fax 770-578-9126 Call 770-361-2319
Teresa H. Eldredge, R.L.A., ISA, Certified Arborist
ISA 80-5442A
June 6, 2014

1. Red Oak (Tag #147) 35" Caliper - Two major branches dead, canopy needs some pruning, no obvious decay. - Specimen
2. Post Oak (Tag #224) 24" Caliper - 10-15% dieback in canopy, needs some pruning, no obvious decay. - Specimen
3. Red Oak (Tag #225) 32" Caliper - Large areas of obvious decay, 3 major dead branches, hollow when thumped, Request not specimen
4. Post Oak (Tag #226) 24" Caliper - 60% dieback in canopy, more than 3 major limbs dead. Tree in obvious decline - Request Not Specimen
5. Water Oak (Tag #227) 31" Caliper - Obvious hollow area with decay at base, canopy previously heavily pruned. Arborist Call - Request not Specimen

General Notes:

1. Boundary survey and topographic information by Solar Land Surveying Co. dated June 3, 2014.
2. According to Flood Insurance Rate Map (FIRM) 13061C0112H, March 4, 2010, no portion of this site contains floodplain.
3. No cemeteries are known to exist on site.
4. No streams or wetlands are known to exist on site.
5. No archaeological or architectural landmarks are known to exist on site.
6. No utility easements are known to exist on site.
7. Stormwater and water quality to be managed on a lot by lot basis based on hydrologic study.

Tree Calculations

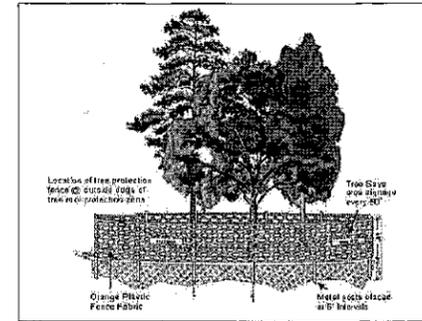
Site Area Calculation:
Net Site Area = 8 AC

Tree Density Calculation:
8 AC x 100"/AC = 80 Total Inches Required
EDF + RDF = SDF
EDF = 384" (171" of non-specimens + 177" of specimens preserved)
RDF = 0"
384" + 0" = 384" SDF
therefore density is satisfied

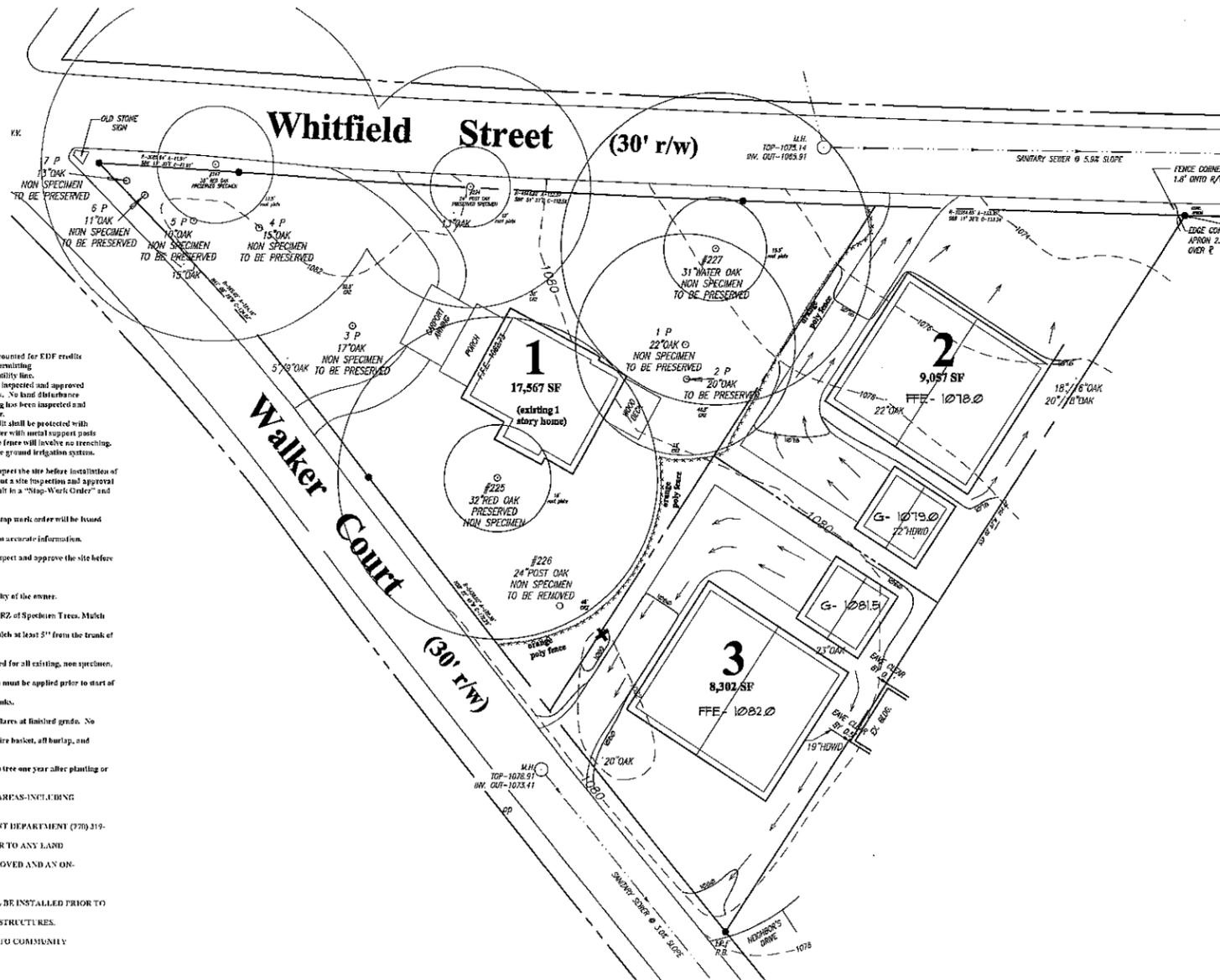
Specimen Tree Recompense Calculation:
0 specimen trees have been removed. (see Tree Survey/Protection Plan)

Street Tree Requirement:
9 trees are required per the street tree requirement. A total of 9 x 4" caliper trees have been provided. Street trees have been placed at every viable and appropriate location possible. The 9 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.

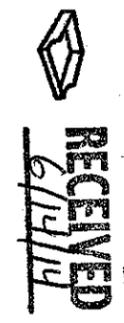


City of Smyrna Required Notes:

1. All existing trees, specimen and non-specimen, counted for EDF credits must be fully preserved during individual lot permitting.
2. All trees must be planted at least 10' from any utility line.
3. Tree save fence for entire site must be installed, inspected and approved prior to installation of erosion control measures. No land disturbance or excavation is allowed to reduce tree save fencing has been inspected and approved by Community Development Director.
4. The CRZ of specimen trees receiving a 3X credit shall be protected with 6" chain link tree save fencing up to 6' on center with metal support posts and Tree-Save signage. Installation of tree save fence will involve no trenching, 4" of organic mulch over the CRZ and an above ground irrigation system.
5. 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 fine.
6. If tree survey instruments are found on-site, a stop work order will be issued until original plans are approved and processed based on accurate information.
7. The Community Development Director must inspect and approve the site before the issuance of a Certificate of Occupancy.
8. Trees agreed upon to be saved is the responsibility of the owner.
9. 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 2" from the trunk of the tree.
10. A minimum 3-4" layer of mulch will be required for all existing, non specimen, landscape trees, 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.
11. 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 hurlap, and strapping shall be cut and removed prior to backfill.
12. All tree guys and stakes shall be removed from tree one year after planting or before.
13. NO TRINCHING ALLOWED IN TREE SAVE AREAS INCLUDING IRRIGATION.

CONTACT THE COMMUNITY DEVELOPMENT DEPARTMENT (770) 319-5857 TO ARRANGE A PRECONSTRUCTION CONFERENCE PRIOR TO ANY LAND DISTURBANCE. NO PERMIT SHALL BE ISSUED UNTIL PLANS ARE APPROVED AND AN ON-SITE INSPECTION WITH CITY REPRESENTATIVE OCCURS.

ALL TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO GRADING OR THE REMOVAL OF IMPERVIOUS SURFACES OR STRUCTURES. BUFFERS SHALL BE REPLANTED SUBJECT TO COMMUNITY DEVELOPMENT DEPARTMENT APPROVAL.



Tree Replacement Plan - Sheet 3 of 3

1396 Roswell Street

City of Smyrna, Georgia Land Lot 560, 17th District, 2nd Section

property owner:

Brad Thompson
Suite 325, 4180 Providence Road
Marietta, Georgia 30062
770 527 8550

Scale: 1" = 20'

June 26, 2014

DGM

LAND PLANNING
CONSULTANTS



975 Cobb Place
Bldg. Suite 212
KENNESAW
GA 30144
770 514-8006
FAX 514-9491



Tree Calculations

Site Area Calculation:
Net Site Area = .8 AC

Tree Density Calculation:
.8 AC x 100"/AC = 80 Total Inches Required

EDF + RDF = SDF

EDF = 384" (171" of non-specimens + 177" of specimens preserved)

RDF = 0"

384" + 0" = 384" SDF

therefore density is satisfied

Specimen Tree Recompense Calculation:

0 specimen trees have been removed. (see Tree Survey/Protection Plan)

Street Tree Requirement:

9 trees are required per the street tree requirement. A total of 9 x 4" caliper trees have been provided. Street trees have been placed at every viable and appropriate location possible. The 9 trees are exclusive of density requirements.

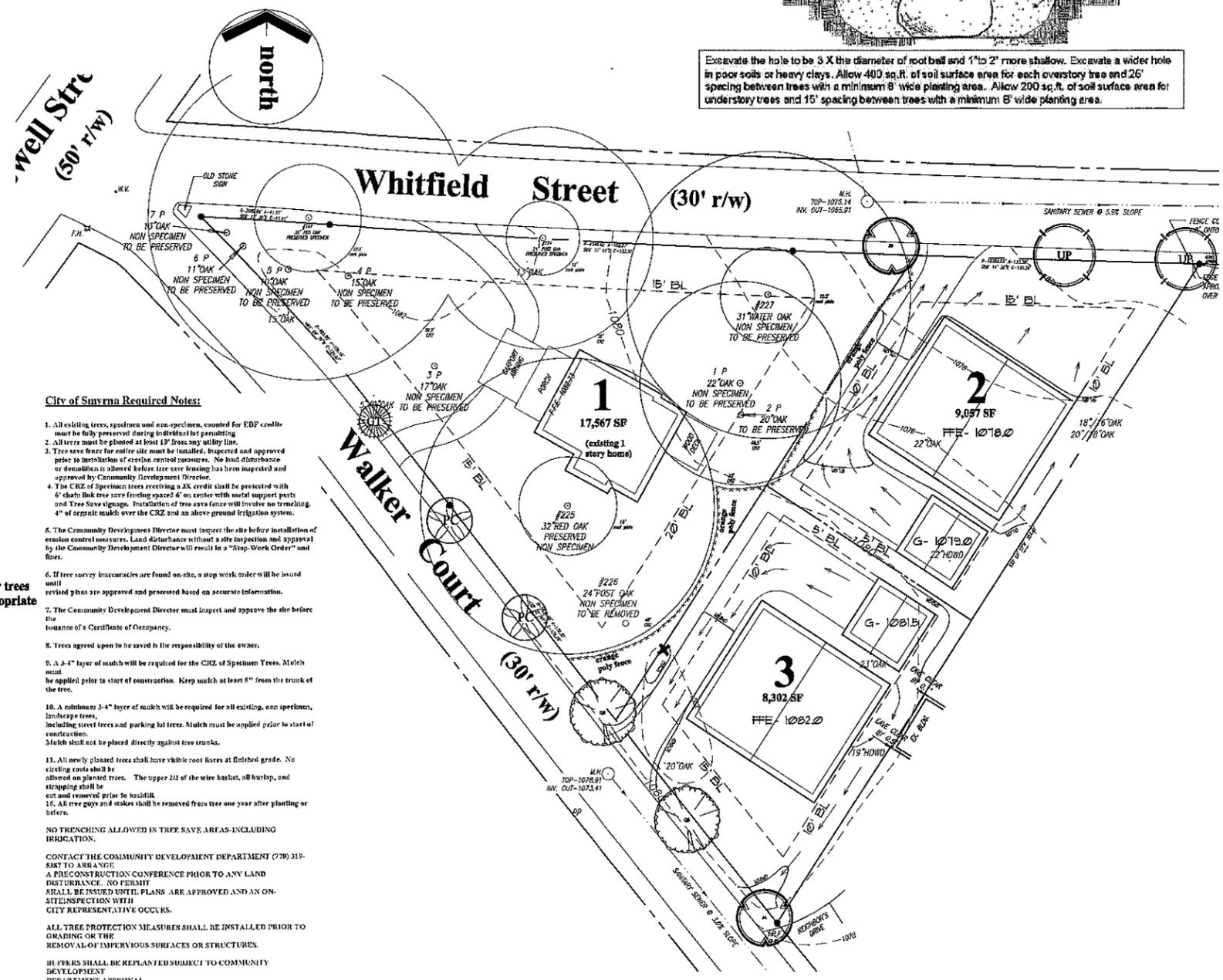
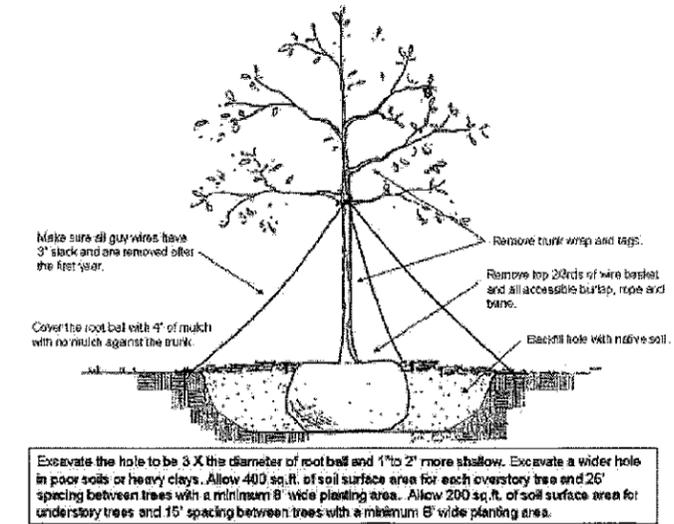
General Notes:

- Boundary survey and topographic information by Solar Land Surveying Company, dated June 9, 2014.
- According to Flood Insurance Rate Map (FIRM) 13067C0115H, March 4, 2013, no portion of this site contains floodplain.
- No cemeteries 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 on site.
- 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 List

PLANT TYPE	LABEL	QUAN.	COMMON NAME	BOTANICAL NAME	SIZE	HGT.	DENSITY	RECOMP.	TOTAL INCHES	MIN. SPACE	%
Replacement Trees											
street tree	FC	2	Chinese Pistache	Pistache chinensis	4" Cal.	10'-12'	0	0	25' e.c.	22.2%	
street tree	QS	2	Shoebud Oak	Quercus shumardii	4" Cal.	10'-12'	0	0	25' e.c.	22.2%	
street tree	ZS	2	Zelcova	Zelcova serotina	4" Cal.	10'-12'	0	0	25' e.c.	22.2%	
street tree	UP	2	Lacebark Elm	Ulmus parviflorus	4" Cal.	10'-12'	0	0	25' e.c.	22.2%	
street tree	GT	1	Golden Raintree	Koeleria paniculata	4" Cal.	10'-12'	0	0	25' e.c.	11.1%	
		2	TOTALS								100.0%

Figure 11: Tree Planting Detail



City of Smyrna Required Notes:

- All existing trees, specimens and non-specimens, counted for EDF credits must be fully preserved during in-kind lot permitting.
- All trees must be planted at least 1' from any utility line.
- Tree save trees for entire site must be installed, inspected and approved prior to 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.
- The CRZ of specimen trees receiving a .8X credit shall be protected with 6' chain link tree save fencing spaced 6' on center with metal support posts and Tree-Save signage. Installation of tree save fence will involve no trenching, 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 generated based on accurate information.
- The Community Development Director must inspect and approve the site before the issuance of a Certificate of Occupancy.
- Trees agreed upon to be saved by the responsibility of the owners.
- 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 6" from the trunk of the tree.
- A minimum 3-4" layer of mulch will be required for all existing, non specimen, landscape trees, 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 bars at finished grade. No cireling roots shall be allowed on planted trees. The upper 2/3 of the wire basket, all burrs, and staking shall be cut and removed prior to backfill.
- All tree guys and stakes shall be removed from tree one year after planting or before.

NO TRENCHING ALLOWED IN TREE SAVE AREAS INCLUDING IRRIGATION.

CONTACT THE COMMUNITY DEVELOPMENT DEPARTMENT (770) 319-5837 TO ARRANGE A PRE-CONSTRUCTION CONFERENCE PRIOR TO ANY LAND DISTURBANCE. NO PERMIT SHALL BE ISSUED UNTIL PLANS ARE APPROVED AND AN ON-SITE INSPECTION WITH CITY REPRESENTATIVE OCCURS.

ALL TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO GRADING OR THE REMOVAL OF IMPERVIOUS SURFACES OR STRUCTURES.

BUFFERS SHALL BE REPLANTED SUBJECT TO COMMUNITY DEVELOPMENT DEPARTMENT APPROVAL.

RECEIVED
6/17/14