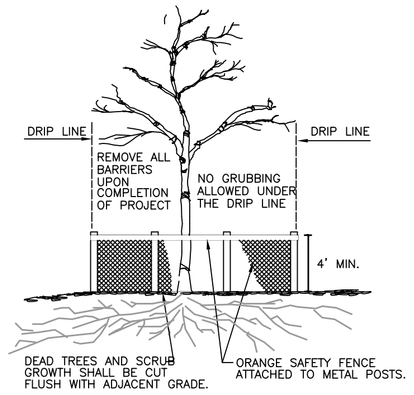
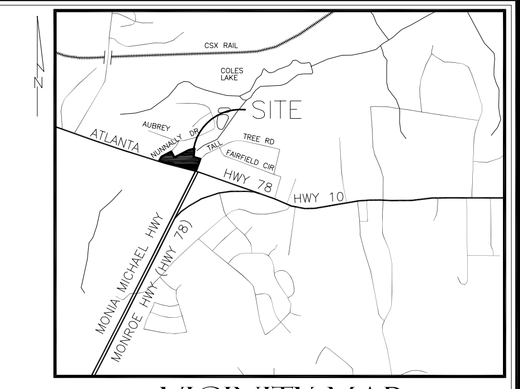


GENERAL NOTES– TREE PROTECTION

1. NOTE: NO SOIL DISTURBANCE OR COMPACTION CONSTRUCTION MATERIALS, TRAFFIC TRENCHING, BURIAL PITS OR OTHER LAND DISTURBING ACTIVITY ARE ALLOWED IN THE TREE PROTECTION ZONE.
2. TREE PROTECTION BARRIERS SHALL EXTEND AROUND THE TREES WITH A RADIUS EQUAL TO OR GREATER THAN THE DRIPLINE.
3. ALL TREE PROTECTION BARRIERS SHALL BE INSTALLED PRIOR TO ANY GRADING, CONSTRUCTION OR OTHER LAND–DISTURBING ACTIVITY. THEY SHALL BE CONSTRUCTED USING ORANGE SAFETY FENCING ON METAL POSTS.

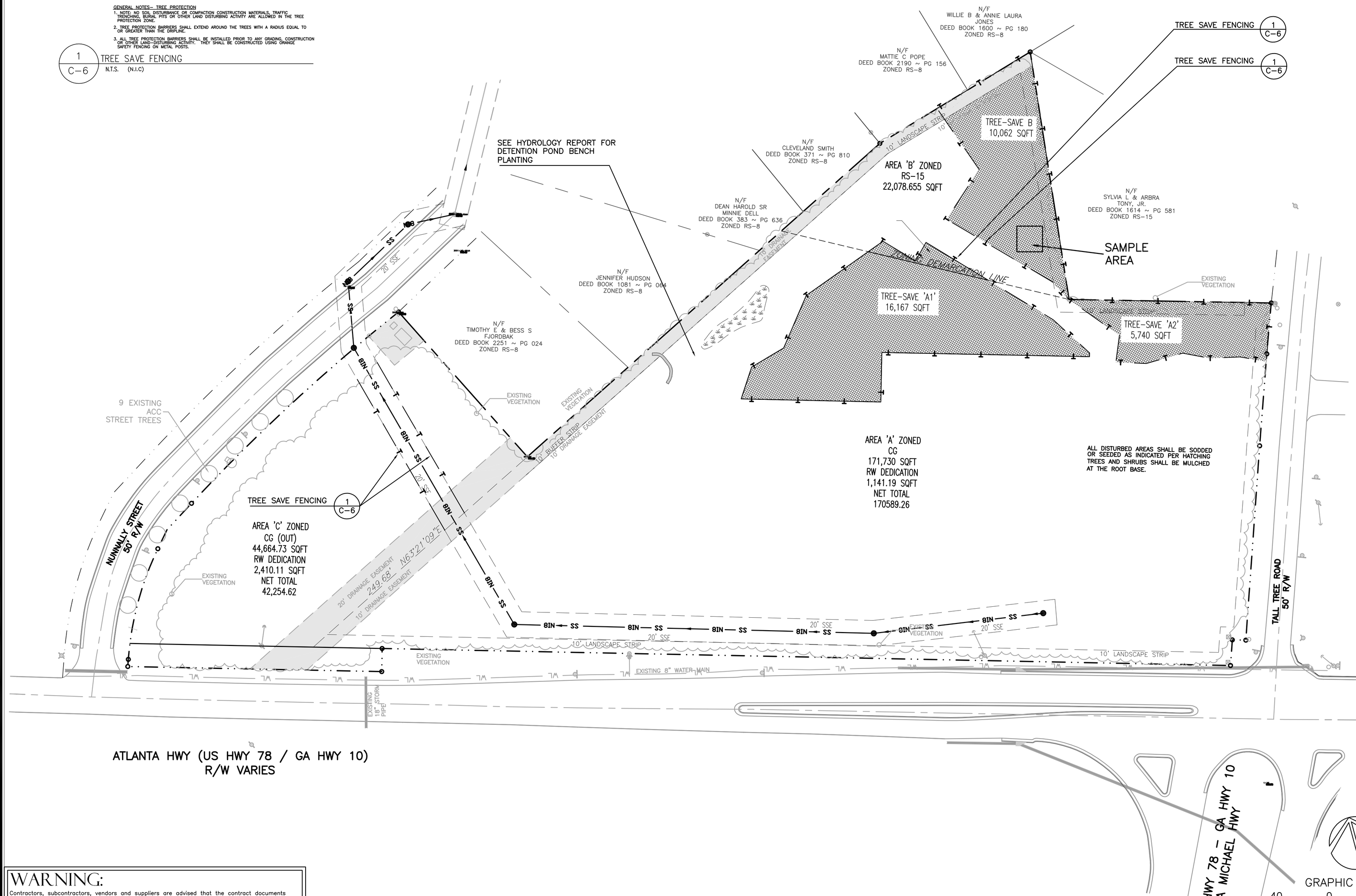
1 / C–6 TREE SAVE FENCING
N.T.S. (N.I.C)



VICINITY MAP
NOT TO SCALE

SAMPLE AREA

DBH	QTY.
2"	6
3"	3
4"	3
5"	3
6"	2
6–8"	3
8–10"	0
10–12"	0
12–14"	0



TREE CANOPY SAVE CALCULATIONS: AREA 'A'
–TOTAL SITE AREA 'A' ZONED C–G 171,730 SQFT
–EXISTING SITE AREA COVERED BY TREE CANOPY–100%
–REQUIRED CANOPY SAVE 10% OF SITE AREA;
171,730 SQFT * 10% = 17,173.0 SQFT

TOTAL OF TREE SAVE AREAS PROVIDED;
AREA A1 = 16,167 SQFT
AREA A2 = 5,740 SQFT
TOTAL = 21,907 SQFT
–PERCENTAGE OF CANOPY SAVED IN C–G= 12.75%
–12.75% > 10%
CONSERVED TREE CANOPY COVER SATISFIED

PROPOSED CANOPY COVERAGE: AREA 'A'
–TOTAL TREE CANOPY COVER REQUIRED– 40%
–171,730 X 40% = **68,692 SQ.FT.**
–CANOPY SAVED– **21,907 SQ.FT.**
–68,692 – 21,907 = **46,785 SQ.FT. REQUIRED**
PROPOSED CANOPY COVERAGE
–JAPANESE ZELKOVA: 1,600x13=20,800 S.F.
–SHUMARD OAK: 1,600x13=20,800 S.F.
–WILLOW OAK: 1,600x13=20,800 S.F.
–SUGAR MAPLE: 1,600x13=20,800 S.F.
–SOUTHERN MAGNOLIA: 1,600x6=9,600 S.F.
–VIRGINIA PINE: 900x6=5,400 S.F.
–LOBLOLLY PINE: 1,600x19=30,400 S.F.
TOTAL PROPOSED CANOPY COVERAGE–128,600 S.F.
–21,907(SAVED)+128,600(PROPOSED)=150,507 S.F.
–150,507 > 68,692
SITE CANOPY COVERAGE SATISFIED

TREE CANOPY SAVE CALCULATIONS: AREA 'B'
–TOTAL SITE AREA 'B' ZONED RS–15 22,078.7 SQFT
–EXISTING SITE AREA COVERED BY TREE CANOPY–100%
–REQUIRED CANOPY SAVE 30% OF SITE AREA;
22,078.7 SQFT * 30% = 6,623.4 SQFT

TOTAL OF TREE SAVE AREAS PROVIDED;
AREA B1 = 733 SQFT
AREA B2 = 10,062 SQFT
TOTAL = 10,795 SQFT
–PERCENTAGE OF CANOPY SAVED IN C–G= 48.9%
–48.9% > 30%
CONSERVED TREE CANOPY COVER SATISFIED

PROPOSED CANOPY COVERAGE: AREA 'B'
–TOTAL TREE CANOPY COVER REQUIRED– 60%
–22,079 X 60% = **13,247 SQ.FT.**
–CANOPY SAVED– **10,795 SQ.FT.**
–13,247 – 10,795 = **2,452 SQ.FT. REQUIRED**
PROPOSED CANOPY COVERAGE
–SOUTHERN MAGNOLIA: 1,600x5=8,000 S.F.
–VIRGINIA PINE: 900x5=4,500 S.F.
–LOBLOLLY PINE: 1,600x4=6,400 S.F.
TOTAL PROPOSED CANOPY COVERAGE–18,900 S.F.
–10,795(SAVED)+18,900(PROPOSED)=29,695 S.F.
–29,695 > 13,247
SITE CANOPY COVERAGE SATISFIED

WARNING:
Contractors, subcontractors, vendors and suppliers are advised that the contract documents consist of Engineer–reproduced printed, bound, and numbered specifications, Engineer–reproduced printed, bound and numbered blue or black line prints, addenda, post–bid addenda, and change orders only. Documents reproduced by parties other than Engineer, whether in hard copy or electronic format shall not be considered part of contract documents and do not supersede the provisions of the contract documents. The contractor, subcontractor, vendors, and suppliers are solely responsible for verification that information utilized in bidding, development of shop drawings and construction of facility are identical to contract documents.

GRAPHIC SCALE
40 0 40 80
(IN FEET)
1 INCH = 40 FT.

24 HOUR CONTACT
TRANSCLARKE PROPERTIES, LLC
TOM FORKNER
770-448-3385

IF YOU DIG IN GEORGIA CALL US FIRST
(800) 282-7411
UTILITIES PROTECTION CENTER
IT'S THE LAW

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PHONE (770) 448-3385
MR. TOM FORKNER

PROJECT:
ATHENS AUTO MALL
GMD 241
ATHENS-CLARKE COUNTY, GEORGIA

DATE	DESCRIPTION
07-31-2007	FIRST SUBMITTAL
08-21-2007	2ND SUBMITTAL
10-8-2007	GDOT SUBMITTAL
01-15-2008	RESUBMITTAL
01-31-2008	W&S COMMENTS
02-19-2008	W&S APPROVAL
05-22-2008	3RD SUBMITTAL
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JOB NO: 04-0520
DRAWN BY: CSM
CHECKED BY: JCW & KDW

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TREE PROTECTION PLAN
C-6