

MATCHLINE SEE SHEET C4.01

VICINITY MAP  
NOT TO SCALE

N/F  
MUSSELWHITE, NEAL AND SONS  
221 W. 10TH ST., SUITE 200  
PINE BLUFF, AR 71601  
PHONE 870-765-2222  
LAND USE SINGLE FAMILY

N/F  
JESSE RUTH POWELL  
108210 PG.306  
PINE BLUFF, AR 71601  
PHONE 870-765-2222  
LAND USE VACANT

**gps**  
Chandler, Frazier, Speight  
engineers, p.c.  
7521 Profitt Road, Suite 201  
Winston-Salem, NC 27226  
Tel: 919-532-1842

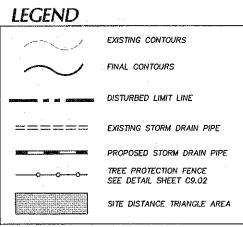
SEALS

REVISIONS

NO.	DATE	DESCRIPTION

CONSTRUCTION DOCUMENT

- GENERAL NOTES**
- ALL SPOT ELEVATIONS INDICATED AT CAD ARE TOP OF CURB, UNLESS OTHERWISE INDICATED.
  - TOTAL DISTURBED AREA = 13.0 ACRES.
  - ALL EXISTING VAULTS, MANHOLES, STORM DRAIN STRUCTURES, VALVE BOXES, CLEANOUTS, ETC. SHALL BE ADJUSTED AS NEEDED TO MATCH FINISHED GRADES.
  - ALL BACKFILL, COMPACTION, SOILS TESTING, ETC. SHALL BE PERFORMED BY THE OWNER'S INDEPENDENT TESTING LABORATORY.
  - TO MINIMIZE DAMAGE TO EXISTING TREES NEAR THE INTERIOR EDGE OF BUFFERS AND STREETCURES, THE CONTRACTOR SHALL CUT 2-FT DEEP TRENCHES ALONG THE LIMITS OF DISTURBANCE, SO AS TO CUT, RATHER THAN TEAR ROOTS.
  - TREE PROTECTION FENCING SHALL BE MAINTAINED ON THE SITE UNTIL ALL SITE WORK IS COMPLETED AND THE FINAL SITE INSPECTION PRIOR TO THE CERTIFICATE OF OCCUPANCY IS SCHEDULED. THE FENCING SHALL BE REMOVED PRIOR TO FINAL SITE INSPECTION FOR CERTIFICATE OF OCCUPANCY.
  - SITE IS NOT WITHIN 100 YEAR FLOOD PLAIN.
  - ESTABLISHMENT OF PERMANENT GROUND COVER WILL BE ESTABLISHED IN 15 WORKING DAYS OR 90 CALENDAR DAYS, WHICHEVER IS SHORTER.
  - A GRADING PERMIT WILL NOT BE ISSUED UNTIL THE TOWN OF CARY HAS RECEIVED NOTIFICATION FROM THE ECOSYSTEM ENHANCEMENT PROGRAM THAT A REPORT HAS BEEN ISSUED TO THE DEVELOPER AND THE LOCAL GOVERNMENT STATING THE NITROGEN BUY DOWN HAS BEEN COMPLETED.
  - THE PROJECT WILL MEET ALL OF THE REQUIREMENTS RELATIVE TO BEST MANAGEMENT PRACTICES AND ENGINEERED STORMWATER CONTROL STRUCTURES AS OUTLINED IN THE TOWN OF CARY UNIFIED DEVELOPMENT ORDINANCE. (CHAPTER 4, PART 4.6, LDO)
  - ALL STORM DRAIN FRAMES, GRATES, AND HOODS SHALL BE STAMPED WITH "DRAINS TO RIVER" IN ACCORDANCE WITH TOWN OF CARY STANDARDS.



**WATERSHED DATA**

IMPERVIOUS AREA		1-YR. PEAK DISCHARGE	
PRE-DEV	POST-DEV	PRE-DEV	POST-DEV
		WITHOUT DETENTION	WITH DETENTION
0.23 AC	4.61 AC	11.76 CFS	8.78 CFS

NOTE: DISCHARGE REDUCED BY INSTALLATION OF DRY AND WET DETENTION BASINS

NOTES:  
THE PROJECT SHALL MEET ALL OF THE REQUIREMENTS RELATIVE TO BEST MANAGEMENT PRACTICES AND ENGINEERED STORMWATER CONTROL STRUCTURES AS OUTLINED IN THE TOWN OF CARY LAND DEVELOPMENT DEVELOPMENT ORDINANCE.

**CARY ALLIANCE CHURCH**  
4108 TEN TEN ROAD  
CARY, NORTH CAROLINA

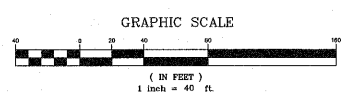
REVISIONS BY:	DRC
DESIGNED BY:	CPS
DRAWN BY:	CPS
DATE:	2/24/07
PROJECT NUMBER:	06-018

SITE GRADING PLAN

**C4.02**

SHEET 7 OF 27

FEBRUARY 2007



07-SP-015  
**APPROVED**  
TOWN OF CARY

Approved by: **DRC** Date: **04-23-07**  
Planning: **JGB** Date: **05-16-07**  
Engineering: **TS** Date: **05-21-07**