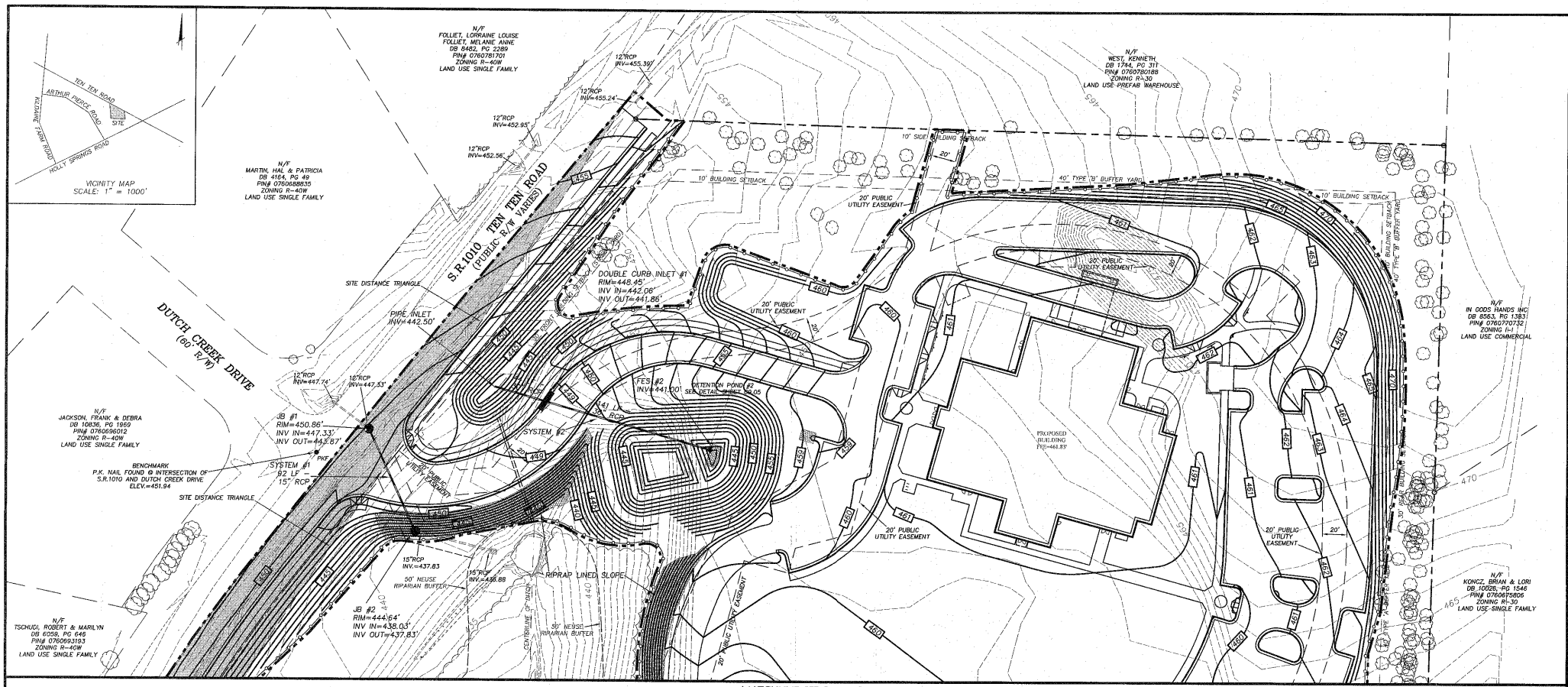

MATCHLINE SEE SHEET C4.02

GENERAL NOTES

1. ALL SPOT ELEVATIONS INDICATED AT C&G ARE TOP OF CURB, UNLESS OTHERWISE INDICATED.
2. TOTAL DISTURBED AREA = 13.0 ACRES.
3. ALL EXISTING VAULTS, MANHOLES, STORM DRAIN STRUCTURES, VALVE BOXES, CLEANOUTS, ETC. SHALL BE ADJUSTED AS NEEDED TO MATCH FINISHED GRADES.
4. ALL BACKFILL, COMPACTION, SOILS TESTING, ETC. SHALL BE PERFORMED BY THE OWNER'S INDEPENDENT TESTING LABORATORY.
5. TO MINIMIZE DAMAGE TO EXISTING TREES NEAR THE INTERIOR EDGE OF BUFFERS AND STREETSCAPES, THE CONTRACTOR SHALL CUT 2-FT DEEP TRENCHES ALONG THE LIMITS OF DISTURBANCE, SO AS TO CUT, RATHER THAN TEAR ROOTS.
6. 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.
7. SITE IS NOT WITHIN 100 YEAR FLOOD PLAIN.
8. ESTABLISHMENT OF PERMANENT GROUND COVER WILL BE ESTABLISHED IN 15 WORKING DAYS OR 90 CALENDAR DAYS, WHICH EVER IS SHORTER.
9. A GRADING PERMIT WILL NOT BE ISSUED UNTIL THE TOWN OF CARY HAS RECEIVED NOTIFICATION FROM THE ECOSYSTEM ENHANCEMENT PROGRAM THAT A RECEIPT HAS BEEN ISSUED TO THE DEVELOPER AND THE LOCAL GOVERNMENT STATING THE NITROGEN BUY DOWN HAS BEEN COMPLETED.
10. 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, 100)
11. ALL STROM DRAIN FRAMES, GRATES, AND HOODS SHALL BE STAMPED WITH "DRAINS TO RIVER" IN ACCORDANCE WITH TOWN OF CARY STANDARDS.

LEGEND

- EXISTING CONTOURS
- FINAL CONTOURS
- DISTURBED LIMIT LINE
- EXISTING STORM DRAIN PIPE
- PROPOSED STORM DRAIN PIPE
- TREE PROTECTION FENCE SEE DETAIL SHEET C5.02
- SITE DISTANCE TRIANGLE AREA

WATERSHED DATA

WATERSHED: NEUSE RIVER BASIN

IMPERVIOUS AREA		1-YR PEAK DISCHARGE		
			POST-DEV	POST-DEV
PRE-DEV	POST-DEV	PRE-DEV	WITHOUT DETENTION	WITH DETENTION
0.23 AC	4.61 AC	11.76 CFS	25.27 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.

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.

07-SP-015
APPROVED
TOWN OF CARY

Approved by DEC Date 04-23-07
Planning JGB Date 05-18-07
Engineering TS Date 5-21-07

cps
Chandler Palmer Speight engineers, p.a.
7621 Purfoy Road, Suite 201
Fuquay-Varina, NC 27526
Tel: 919-552-4845

SEALS

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 25547 BRIAN D. SPEIGHT
3.29.07

REVISIONS

DATE	COMMENTS
4/24/07	TOWN OF CARY REVIEW COMMENTS

CONSTRUCTION DOCUMENT

CARY ALLIANCE CHURCH
4108 TEN TEN ROAD
CARY, NORTH CAROLINA

REVIEWED BY:	JGC
DESIGNED BY:	CPS
DRAWN BY:	CPS
DATE:	2/8/07
PROJECT NUMBER:	06-016

SITE GRADING PLAN

C4.01

SHEET 6 OF 27

FEBRUARY 2007