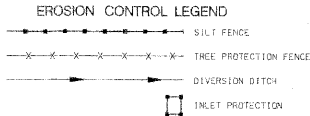
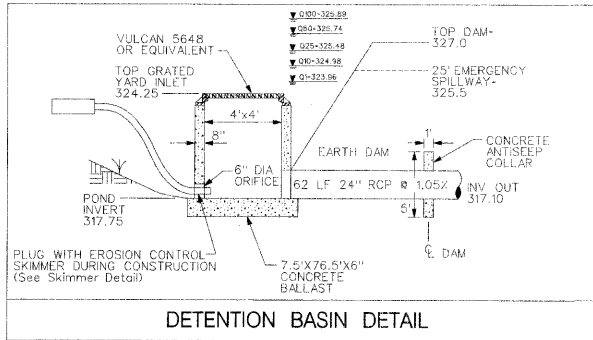


**STORMWATER NOTES:**

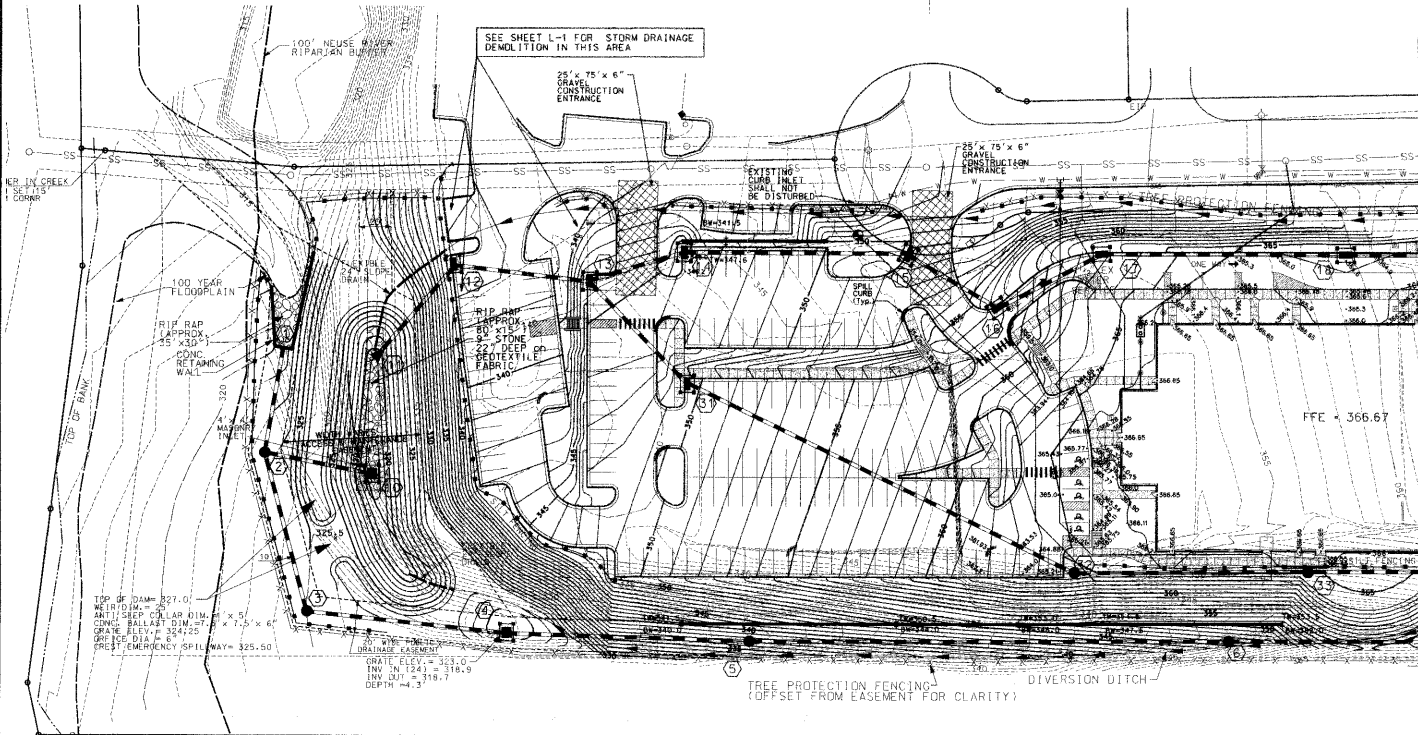
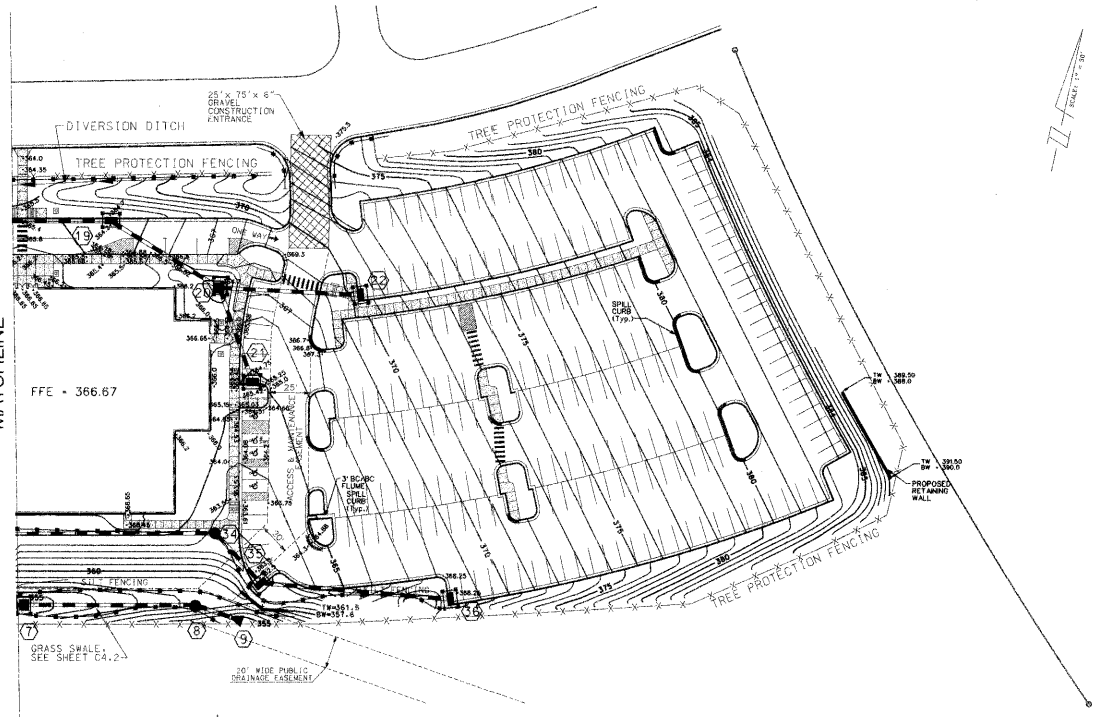
1. THE PROJECT SHALL MEET ALL OF THE REQUIREMENTS RELATIVE TO BEST MANAGEMENT PRACTICES AND ENGINEERED STORMWATER CONTROL STRUCTURES AS OUTLINED IN THE TOWN OF CARY UNIFIED DEVELOPMENT ORDINANCE, CHAPTER 10, PART 3, 000.
2. ALL STORM DRAIN (DRAINS, GRATES, AND HOUS) SHALL BE STAMPED WITH DRAINS TO RIVER IN ACCORDANCE WITH TOWN OF CARY STANDARDS.
3. WATERSHED: CRABTREE CREEK
4. IMPERVIOUS AREA: 5 ACRES
5. DISTURBED AREA: 8.0 ACRES
6. THERE ARE NO WETLANDS ON THIS SITE.

**APPROXIMATE  
10 Year Peak Discharge of Runoff (Rational)**

Pre.	Acres	C	I(S (min)	CFS
11.6	0.3	7.22	24.9	
Post				
6.4	0.86	7.22	39.7	
3.1	0.35	7.22	7.8	
2	0.29	7.22	3.9	
	<b>Total</b>		<b>51.2</b>	
	<b>Increase</b>		<b>26.3</b>	



MATCHLINE



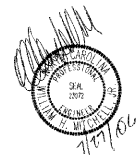
**GRADING NOTES:**

1. A GRADING PERMIT WILL NOT BE ISSUED UNTIL THE TOWN OF CARY HAS RECEIVED NOTIFICATION FROM THE WETLANDS RESTORATION FUND (WRF) THAT A PERMIT HAS BEEN ISSUED TO THE DEVELOPER AND THE LOCAL GOVERNMENT STATING THE NITROGEN BUY DOWN HAS BEEN COMPLETED.
2. THE TREE PROTECTION FENCING ON THIS PROJECT WILL BE INSTALLED AND CHECKED BEFORE THE GRADING PERMIT IS ISSUED.
3. TO MINIMIZE DAMAGE TO EXISTING TREES NEAR THE INTERIOR EDGE OF BUFFERS AND STEEP SLOPES, THE CONTRACTOR SHALL CUT MINIMUM 2" BENCHES ALONG THE LIMITS OF DISTURBANCE, 30 AS TO CUT, RATHER THAN TEAR, ROOTS.
4. THE TREE PROTECTION FENCE SHALL BE MAINTAINED ON THE SITE UNTIL ALL SITE WORK IS COMPLETED AND THE FINAL SITE INSPECTION PRIOR TO THE CERTIFICATE OF OCCUPANCY (C/O) IS SCHEDULED. THE FENCING SHALL BE REMOVED PRIOR TO FINAL SITE INSPECTION FOR THE C/O.
5. A PRE-CONSTRUCTION CONFERENCE MAY BE REQUIRED BEFORE THE GRADING PERMIT IS ISSUED.
6. CUT AND FILL SLOPES WILL BE ESTABLISHED WITHIN 15 DAYS OF ANY PHASE OF GRADING.
7. PERMANENT GROUND COVER WILL BE ESTABLISHED IN 15 WORKING DAYS OR 30 CALENDAR DAYS, WHICHEVER IS SHORTER.
8. THE STREETS IN FRONT OF THE PROJECT WILL BE KEPT CLEAN AT ALL TIMES OR A WASH STATION WILL BE REQUIRED.

**CONSTRUCTION SEQUENCE**

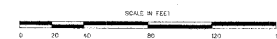
1. Obtain grading permit.
2. Install all erosion control measures as shown:  
INSTALL PIPE AND STRUCTURES OF THIS SET TO ACCOMMODATE THE PASSAGE OF OFF-SITE STORMWATER.  
INSTALL SILT PROTECTION IMMEDIATELY AFTER INSTALLATION OF STORMWATER STRUCTURES.  
INSTALL DIVERSION DITCHES.
3. Obtain certificate of compliance through on-site inspection by Erosion Control Officer.
4. Proceed with grading:  
INSTALL RIP RAP AND INSTALL SILT FENCES AT TOPS OF SLOPES.  
INSTALL INLET PROTECTION IMMEDIATELY AFTER INSTALLATION OF STORMWATER STRUCTURES.
5. Clean sediment basins when one-half full.
6. Seed and mulch denuded area within 30 days after finished grades are established.
7. Maintain all erosion control measures until permanent ground cover is established.
8. Request final approval by Erosion Control Officer.
9. Remove all erosion control measures and stabilize these areas.

NOTE: ALL CONSTRUCTION MUST BE PERFORMED IN ACCORDANCE WITH CURRENT TOWN OF CARY STANDARD SPECIFICATIONS AND DETAILS.



08-28-10-A  
APPROVED  
TOWN OF CARY

APPROVED BY: [Signature] DATE: 8-22-06  
PLANNING: [Signature] DATE: 08-28-06  
ENGINEERING: [Signature] DATE: 08-28-06



**BANK**

**BASS, NIXON & KENNEDY, INC.**  
CONSULTING ENGINEERS  
10000 LEXINGTON HILL ROAD WAKE FOREST, NORTH CAROLINA 27707  
TELEPHONE: 919/858-4422 or 919/858-8779  
FAX: 919/858-8888 (FALCON), 919/858-1582 (WAKE FOREST)

NO.	DATE	DESCRIPTION	BY
1	12/03	Town of Cary REVIEW COMMENTS	
2	02/03	Town of Cary REVIEW COMMENTS	

DATE: 8-22-06  
JOB NO: GRADING, DRAINAGE AND EROSION CONTROL PLAN  
SCALE: 1" = 40'  
SHEET C3.0 OF

**CARY CHURCH OF GOD**  
TOWN OF CARY WAKE COUNTY NORTH CAROLINA