

**CONSTRUCTION SEQUENCE**

- OBTAIN GRADING PERMIT. A PRE-CONSTRUCTION CONFERENCE MAY BE REQUIRED PRIOR TO ISSUANCE OF GRADING PERMIT. TREE PROTECTION FENCING SHALL BE INSTALLED AND INSPECTED PRIOR TO ISSUANCE OF GRADING PERMIT. RISER STRUCTURES AND BARRELS MUST BE ON-SITE PRIOR TO ISSUANCE OF GRADING PERMIT.
  - INSTALL ALL EROSION CONTROL MEASURES AS SHOWN. USE DETENTION BASIN AS SEDIMENT BASIN INITIALY.
  - OBTAIN CERTIFICATE OF COMPLIANCE THROUGH ON-SITE INSPECTION BY EROSION CONTROL OFFICER.
  - PROCEED WITH GRADING. QUARRYSTONE CIRCLE TO BE KEPT CLEAN AT ALL TIMES DURING CONSTRUCTION OR A WASH STATION WILL BE REQUIRED.
  - CLEAN SEDIMENT BASINS WHEN ONE-HOUR FULL.
  - SEED AND MULCH DENUDEE AREA WITHIN 30 DAYS AFTER ANY PHASE OF GRADING. STABILIZE CUT/FILL SLOPES WITHIN 15 DAYS OF ANY PHASE OF GRADING. ESTABLISH PERMANENT GROUND COVER WITHIN 15 WORKING DAYS OR 90 CALENDAR DAYS, WHICH EVER IS SHORTER.
  - MAINTAIN SOIL EROSION CONTROL MEASURES UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
  - REQUEST FINAL APPROVAL BY EROSION CONTROL OFFICER.
  - REMOVE SOIL EROSION CONTROL MEASURES, CONVERT BASIN TO PERMANENT WETPOND, AND STABILIZE THESE AREAS.
- TOTAL DENUDEE AREA: 2.0 AC±  
 P.L.N.: 0744-04-51-1303  
 ZONED: RM/OU
- NOTE: CONTRACTOR TO REVIEW AND ADHERE TO THIS SPECIAL CONSTRUCTION SEQUENCE**

**SEDIMENT BASIN SCHEDULE**

SEDIMENT BASIN TYPE	STD. SEDIMENT TRAP
DRAINAGE AREA	2 AC
DENUDEE AREA	2 AC
C-VALUE	0.5
S <sub>1</sub>	5.8 CFS
S <sub>2</sub>	7.2 CFS
VOL. REQUIRED	3600 CF
VOL. PROVIDED	4292 CF
SA REQUIRED	2340 SF
SA PROVIDED	10823 SF
SIZE	SEE PLAN
DEPTH	8 FT
WEIR LENGTH	10 FT
SKIMMER?	YES**
NOTES:	USE DETENTION POND FOR TEMP. SEDIMENT STORAGE

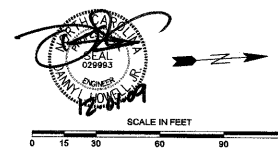
NOTES:  
 \*VOLUME REQUIRED (CF) = 1800 \* DRAINAGE AREA (AC)  
 SURFACE AREA REQUIRED (SF) = 325 \* (CFS)  
 \*\*A SKIMMER WILL BE ATTACHED TO PERMANENT RISER AND BE USED FOR EDC DURING LIFE OF CONSTRUCTION. ADD COIR FIBER BAFFLES TO BASIN.

**LEGEND**

- TEMP INLET PROTECTION
- TEMP SEDIMENT BASIN
- TEMP CONSTRUCTION ENTRANCE
- TEMP ROCK CHECK DAM
- TEMP DIVERSION DITCH
- TEMP SILT FENCE
- TEMP TREE PROTECTION FENCE
- DISTURBED LIMITS

**09-MU-001/09-SP-041**  
**APPROVED**  
**TOWN OF CARY**

Approved by: TC Date: 12/10/2009  
 Planning: MLI Date: 11/6/2009  
 Engineering: SE Date: 11/6/2009



SCALE IN FEET  
 0 15 30 60 90 120

**BANK**

**BASS, NIXON & KENNEDY, INC.**  
**CONSULTING ENGINEERS**  
 3519 HERITAGE TRADE DRIVE, SUITE 201, WAKE FOREST, NC 27707  
 (919) 551-8888 (FAX) (919) 551-8888 (RALEIGH) (919) 770-1382 (WAKE FOREST)  
 CERTIFICATION NUMBERS: NCBELS (C-0110), NCELA (C-0857)

NO.	DATE	DESCRIPTION	BY
1	10/04/09	PER I.C.C. COMMENTS	RAB
2	11/04/09	PER I.C.C. COMMENTS	RAB
1	10/01/09	PER I.C.C. COMMENTS	RAB
1	08/01/09	DESCRIPTION	BY

**REVISIONS**

**09-00007**  
 JOB NO. DATE DRAWN BY  
**09-13-2009**  
**EROSION CONTROL PLAN**  
**125/151 QUARRYSTONE CIRCLE**  
 TOWN OF CARY, WAKE COUNTY, NORTH CAROLINA  
 SCALE: 1" = 30'  
 CHK. PR. ILM  
 DATE: 11-2-09

**SHEET C3.3 8 OF 14**

**09-MU-001/09-SP-041**

NOT RELEASED FOR CONSTRUCTION OR BID SOLICITATION