SELF-INSPECTION REPORT FOR LAND DISTURBING ACTIVITY AS REQUIRED BY NCGS 113A-54.1		
Phase of Approved Erosion & Sedimentation Control Plan:	Date:	Signature (landowner, financially resposible party or agent)
Installation of Perimeter Erosion and Sediment Control Measures		
Clearing and Grubbing of Existing Ground Cover		
Construction of Storm Sewer		
Completion of Grading Slopes		
Stone on Parking and Drives		
Curb and Fine Grade		
Establish Vegetation & Remove Erosion Control Measures		
Closing Permit – Final Inspection		

*SELF-INSPECTION REQUIREMENTS ARE REQUIRED UNTIL THE SITE IS STABLE AN THE GRADING PERMIT IS CLOSED PER NPDES NCG0100000.

STORM DRAIN NETWORK (ALL CULVERTS ARE REINFORCED CONCRETE PIPE)

*10 YR. DESIGN STORM, *C = 0.40, *I = 5.75

PIPE	AREA	TOTAL	C*I	Q	PIPE REQ.	SLOPE REQ.	CAP.	PIPE USED	SLOPE USED	CAP.
1	0.20	0.20	2.3	0.46	15"	0.50	4.6	15"	3.56	12.2
2	0.23	0.23	2.3	0.52	15"	0.50	4.6	15"	2.20	9.6

*THE EXISTING STORM SEWER NETWORK WAS DESIGNED TO HANDLE THIS DRAINAGE AND WAS BASED ON A COMPOSITE "C" VALUE AND AN INTENSITY OF 5.75 FOR A 10-YR STORM.

1. STORM SEWER AS-BUILTS REQUIRED WHEN STORM SYSTEM INSTALLATION IS COMPLETED. SUBMIT (1) SET OF PLANS TO THE ENGINEERING DEPARTMENT FOR RECORD PURPOSES. PLEASE CALL 336-373-2050 WITH ANY QUESTIONS.

BORROW AND/OR WASTE AREAS:
WHEN THE PERSON FINANCIALLY RESPONSIBLE FOR THE OVERALL PROJECT IS NOT THE PERSON FINANCIALLY RESPONSIBLE FOR OFF-SITE BORROW AREAS NOT REGULATED BY THE PROVISIONS OF THE MINING ACT OF 1971 AND OFF-SITE WASTE AREAS OTHER THAN LANDFILLS REGULATED BY THE DEPARTMENT OF HUMAN RESOURCES, SUCH AREAS SHOULD BE CONSIDERED SEPARATE LAND DISTURBING ACTIVITIES SUBJECT TO THE SEDIMENTATION POLLUTION CONTROL ACT OF 1973. OFF-SITE BORROW AREAS ARE SUBJECT TO THE REQUIREMENTS OF THE MINING ACT OF 1971.

STOCKPILES:
ANY SOIL STOCKPILES WILL BE WITHIN THE SEDIMENT AND EROSION CONTROL MEASURES.

Seed all exposed slopes and fills within 7 calendar days following completion of any phase of grading, permanent ground cover for all disturbed areas within 14 calendar days following completion of of the development.

Construction Sequence
1. Obtain grading permit (both Phases will be included).
2. Obtain certificate of coverage for NPDES NCG01 permit.
3. Install construction entrance.

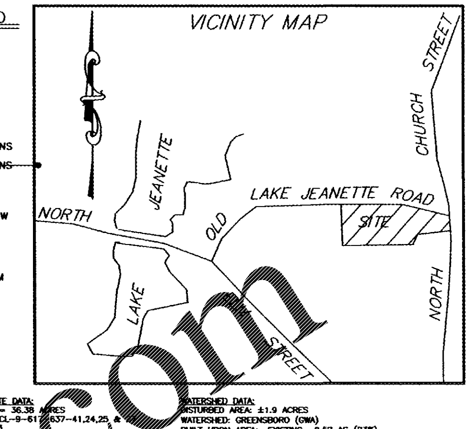
PHASE-1
4. Install temporary silt fence and silt fence outlet in Phase-1 where shown on plan.
5. Construct skimmer basin and grade temporary diversion berm.
6. Call for an erosion control inspection.
7. Fill and grade Phase-1.
8. Install 6" sewer service to future building.
9. Once completed, seed and mulch all slopes and graded areas.
10. After Phase-1 is stabilized, remove temporary erosion control measures including skimmer basin. Seed and mulch remaining bare areas.

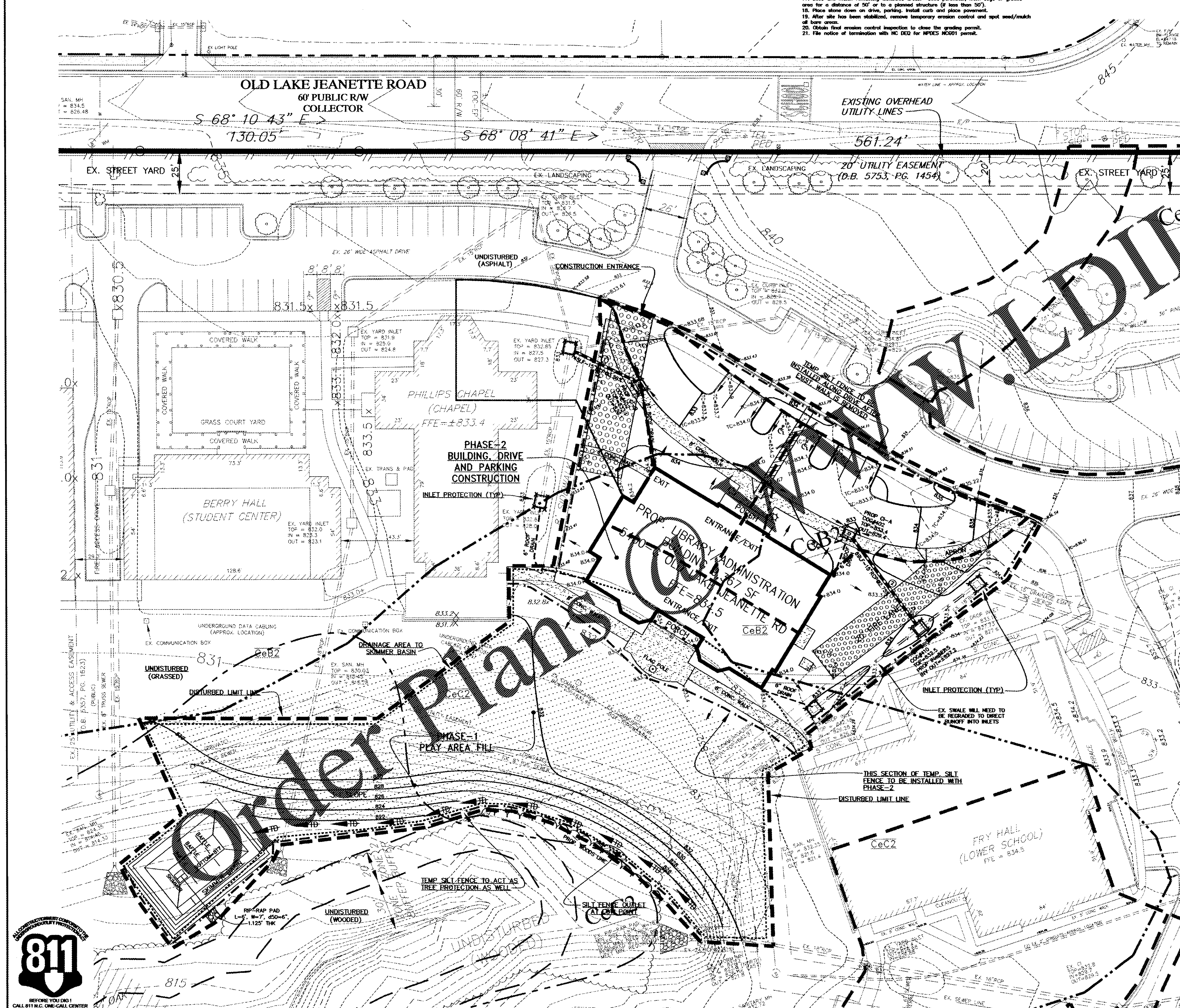
PHASE-2
11. Install temporary silt fence and inlet protection on existing inlets in Phase-2.
12. Demo existing sidewalk and install silt fence along existing drive.
13. Begin building, drive and parking grading.
14. Once site is on grade, install storm sewer and install additional inlet protection.
15. When site is on grade construct building, parking and drive.
16. When grading is completed, seed and mulch all slopes and graded areas.
17. Seed and mulch remaining disturbed areas. Seed perimeter, from edge of graded area for a distance of 50' or to a planned structure (if less than 50').
18. Place stone down on drive, parking. Install curb and place pavement.
19. After site has been stabilized, remove temporary erosion control and spot seed/mulch all bare areas.
20. Obtain final erosion control inspection to close the grading permit.
21. File notice of termination with NC DEQ for NPDES NCG01 permit.

CONSTRUCTION PHASING:
THIS PROJECT WILL BE CONSTRUCTED IN TWO PHASES.
PHASE-1: WILL CONSIST OF FILLING THE "PLAY AREA". THIS PHASE WILL BE DONE DURING THE SUMMER BREAK WHEN SCHOOL IS NOT IN SESSION.
PHASE-2: WILL CONSIST OF BUILDING, DRIVE AND PARKING CONSTRUCTION. THIS PHASE WILL BE DONE DURING THE SCHOOL SEASON SO CARE MUST BE TAKEN TO ENSURE THAT THE STUDENTS SAFETY IS A PRIORITY. CONTRACTOR IS RESPONSIBLE TO INSTALL SAFETY FENCING AROUND THIS PHASE TO PREVENT STUDENT ACCESS.

CONTRACTOR IS REPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES.

EROSION CONTROL LEGEND
- EX. CONTOUR
- 825 PROP. CONTOUR
- PROP. STORM SEWER
- TEMP. SILT FENCE
- DISTURBED LIMIT LINE
- 826.60 PROP. SPOT ELEVATIONS
- +826.60 EXIST. SPOT ELEVATIONS
- INLET PROTECTION
- DRAINAGE FLOW ARROW
- MhB2 SOIL TYPES
- PROP. PERM. SWALE
- TD TEMP. DIVERSION BERM
- SILT FENCE OUTLET





OVERALL SITE DATA:
TOTAL AREA= 36.38 ACRES
TAX MAP: ACL-9-617-637-41,24,25 & [illegible]
ZONED: R-3
DEED REFERENCE:
PARCEL #0091158: DB 4095, PG 646
PARCEL #0091157: DB [illegible], PG 283
PARCEL #0091165: DB [illegible], PG 241
PARCEL #0091156: DB 5586, PG 1159
PARCEL #0139887: DB 7581, PG 2533
LAND USE CLASSIFICATION: 3
EXIST. GFA: 113,833 SF
PROP. GFA: 9,367 SF
TOTAL GFA: 123,200 SF
BUILDING HEIGHT: 32'
MAX. BUILDING HEIGHT ALLOWED: 50'
NUMBER OF STORIES: 1

WATERSHED DATA:
DISTURBED AREA: ±1.9 ACRES
WATERSHED: GREENSBORO (GWA)
BUILT UPON AREA: EXISTING= 8.52 AC (23%)
EXISTING B.U.A. TO BE REMOVED= 0.72 ACRES
PROPOSED= 0.56 ACRES
TOTAL= 8.36 ACRES (23%)
DISTANCE TO FLOODWAY: >2000'
FLOOD MAP #3710786700J, DATED 6-18-2007
SOIL TYPES: CeB2- CECIL SANDY LOAM 2-6%
CeC2- CECIL SANDY LOAM 6-10%
DRAINAGE: PIPED OR IMPROVED
AVERAGE SLOPE: 3.8%
LAND COVER: NATURAL OR STABILIZING
RUN-OFF CONTROL: EQUAL TO MINIMUM
SEWAGE DISPOSAL: PUBLIC
DRIVES: CURB AND PIPED
WOODED AREA PROVIDED: 5.70 ACRES (16%)
LOCATION: LATITUDE 36.142198, LONGITUDE -79.791669

OWNER:
CANTERBURY SCHOOL
5400 OLD LAKE JEANETTE RD
GREENSBORO, NC 27455
RHONDA YOUNGDAHL
336-288-2007
YOUNGDAHLR@CANTERBURYGSO.ORG

EROSION CONTROL NOTES:
1. Erosion control measures are to be maintained by the owner until ground cover has been well established.
2. The approved drainage and water control plan may be and will be revised during construction when in the opinion of the conservation engineers or inspectors that additional measures for the prevention of soil loss are necessary.

SEEDING SPECIFICATIONS CITY OF GREENSBORO
SOIL EROSION CONTROL SECTION

Apply 4000 lbs. agricultural limestone per acre.
Apply 1000 lbs. 10-10-10 fertilizer per acre for grass seeding.
Lime and fertilizer are to be disked into the soil surface to a minimum depth of 4 inches.

Late Winter – Early Spring
A: Grass: (1) Tall Fescue – 150 lbs. per acre.
B. Grass – Legume Mixture
(1) Tall Fescue – 100 lbs. per acre plus Serecia Lespedeza (scarified) – 60 lbs. per acre.
(2) Tall Fesue – 100 lbs. per acre plus Crownvetch – 25 lbs. per acre.

Early Spring – Late Spring
A. Grass:
(1) Tall Fescue – 150 lbs. per acre
(2) Tall Fescue – 100 lbs. per acre plus Weeping Lovegrass – 5 lbs. per acre.
B. Grass – Legume Mixture
(1) Tall Fescue – 100 lbs. per acre plus Serecia Lespedeza (scarified) – 60 lbs. per acre.

Summer
A. Grass:
(1) Tall Fescue – 150 lbs. per acre plus Weeping Lovegrass – 5 lbs. per acre.
(2) Weeping Lovegrass – 5 lbs. per acre plus Browntop Millett or Sorghum–Sudan Hybrids – 50 lbs. per acre.
B. Grass–Legume Mixture
(1) Weeping Lovegrass – 5 lbs. per acre plus Serecia Lespedeza (scarified) – 60 lbs. per acre.

Late Summer – Early Winter
A. Grass:
(1) Tall Fescue – 150 lbs. per acre.
(2) Tall Fescue – 100 lbs. per acre plus Annual Ryegrain – 25 lbs. per acre.
B. Grass–Legume Mixture
(1) Tall Fescue – 100 lbs. per acre plus Serecia Lespedeza (unscarified) – 60 lbs. per acre.
(2) Tall Fescue – 100 lbs. per acre plus Crownvetch – 25 lbs. per acre
(3) Tall Fescue – 75 lbs. per acre plus Annual Ryegrain – 25 lbs. per acre plus Serecia Lespedeza (unscarified) – 60 lbs. per acre.

After seeding, the area is to be rolled or cultipacked to insure that the seed is pressed into contact with soil surface. All seeded areas are to be mulched with straw mulch at the rate of 3000 lbs. per acre (approx. 100 bales per acre).

Apply asphalt emulsion to the straw mulch at the rate of 150 gallons per acre.

The above seeding recommendations and rates have been prepared for selection of a vegetative cover suitable for soil erosion control in the Greensboro area.

Area soil types, climatic conditions, seed availability and individual plant characteristics are all taken into account in the above recommendations. Due to density, uniformity and textural quality reasons, the above selecions are not recommended for lawn

GENERAL PLAN NOTES
1. SOIL EROSION CONTROL DEVICES MUST BE INSTALLED INITIALLY AFTER THE GRADING PERMIT IS ISSUED AND ROUGH GRADING STARTS. PLANNING AND DEVELOPMENT STAFF WILL CHECK THESE DEVICES FOR PROPER INSTALLATION AND COMPLIANCE WITH THIS PLAN. A "CERTIFICATE OF PERFORMANCE" WILL BE ISSUED.

2. THIS CERTIFICATE MUST BE BROUGHT TO OUR INSPECTIONS DIVISION BEFORE A BUILDING PERMIT WILL BE ISSUED. ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS. ANY CHANGES ARE TO BE APPROVED BEFORE CONSTRUCTION BY CITY OF GREENSBORO EROSION CONTROL STAFF. ADDITIONAL DEVICES WILL BE REQUIRED IF NECESSARY.

3. IF FILL MATERIALS ARE BEING BROUGHT ONTO THIS PROPERTY OR IF WASTE MATERIALS ARE TAKEN FROM THIS PROJECT, THIS INFORMATION MUST BE DISCLOSED AND SHOWN ON THE EROSION CONTROL AND GRADING PLAN. BORROW AREAS AND DUMP SITES ARE CONSIDERED TO BE PART OF THIS PROJECT.

4. UNDER THE CITY OF GREENSBORO SOIL EROSION AND SEDIMENTATION CONTROL ORDINANCE (SECTION 19); AGENTS, OFFICIALS, OR OTHER QUALIFIED PERSONS ARE AUTHORIZED TO PERIODICALLY INSPECT THE SITES OF LAND-DISTURBING ACTIVITIES. OBSTRUCTING, HAMPERING OR INTERFERING WITH SUCH INSPECTIONS CARRIES A $500 PER DAY CIVIL PENALTY. THE INSTIGATION OF THIS CIVIL PENALTY REQUIRES NO PRIOR NOTICE.

5. IN AN EFFORT TO MINIMIZE EROSION AND EXPOSURE TIME, EASEMENT AREAS SHALL NOT BE GRUBBED OR GRADED UNTIL UTILITIES ARE READY TO BE INSTALLED. ALSO, THE IMMEDIATE SEEDING OF DISTURBED EASEMENT AREAS AFTER UTILITIES ARE INSTALLED WILL ELIMINATE MANY PROBLEMS. EASEMENT AREAS WHICH CROSS OR ARE ADJACENT TO WATERCOURCES SHOULD RECEIVE SPECIAL CONSIDERATION.

6. NO LAND-DISTURBING ACTIVITY SHALL BE PERMITTED IN PROXIMITY TO A LAKE OR NATURAL WATERCOURSE UNLESS A BUFFER ZONE IS PROVEDED ALONG THE MARGIN OF THE WATER BODY OF SUFFICIENT WIDTH TO CONFINE VISIBLE SILTATION WITHIN THE TWENTY-FIVE PERCENT OF THE BUFFER ZONE NEAREST THE LAND-DISTURBING ACTIVITY.

7. IF AN EXISTING POND IS DESIGNATED AS A PERMANENT WATER QUALITY POND, ALL SEDIMENT DEPOSITED IN IT DUE TO CONSTRUCTION MUST BE REMOVED WHEN THE SITE HAS BEEN STABILIZED. THE POND MUST BE CLEANED OUT BEFORE THE GRADING PERMIT IS FINALIZED.

SEE DETAIL SHEET FOR RELATED DETAILS

DISTURBED AREA = ±1.9 ACRES

30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

1:1

NORTH CAROLINA PROFESSIONAL SEAL 18914 ENGINEER ROBERT [illegible]SCHINGER 01-16-20

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GUILFORD COUNTY, NORTH CAROLINA

Canterbury SCHOOL

DATE: NOVEMBER 13, 2019
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SHEET
EROSION CONTROL PLAN

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