SW-11-003-9 1906 20060518 P-0

Permit:	19-06
Name:	McGill Environmental Systems
County:	Chatham
Shipped Date:	
Box:	SW-11-003
Document Type:	Other (O)
Document Date:	5/18/2006
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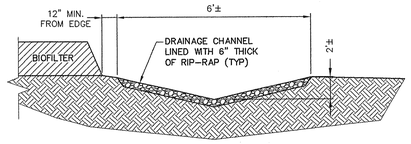
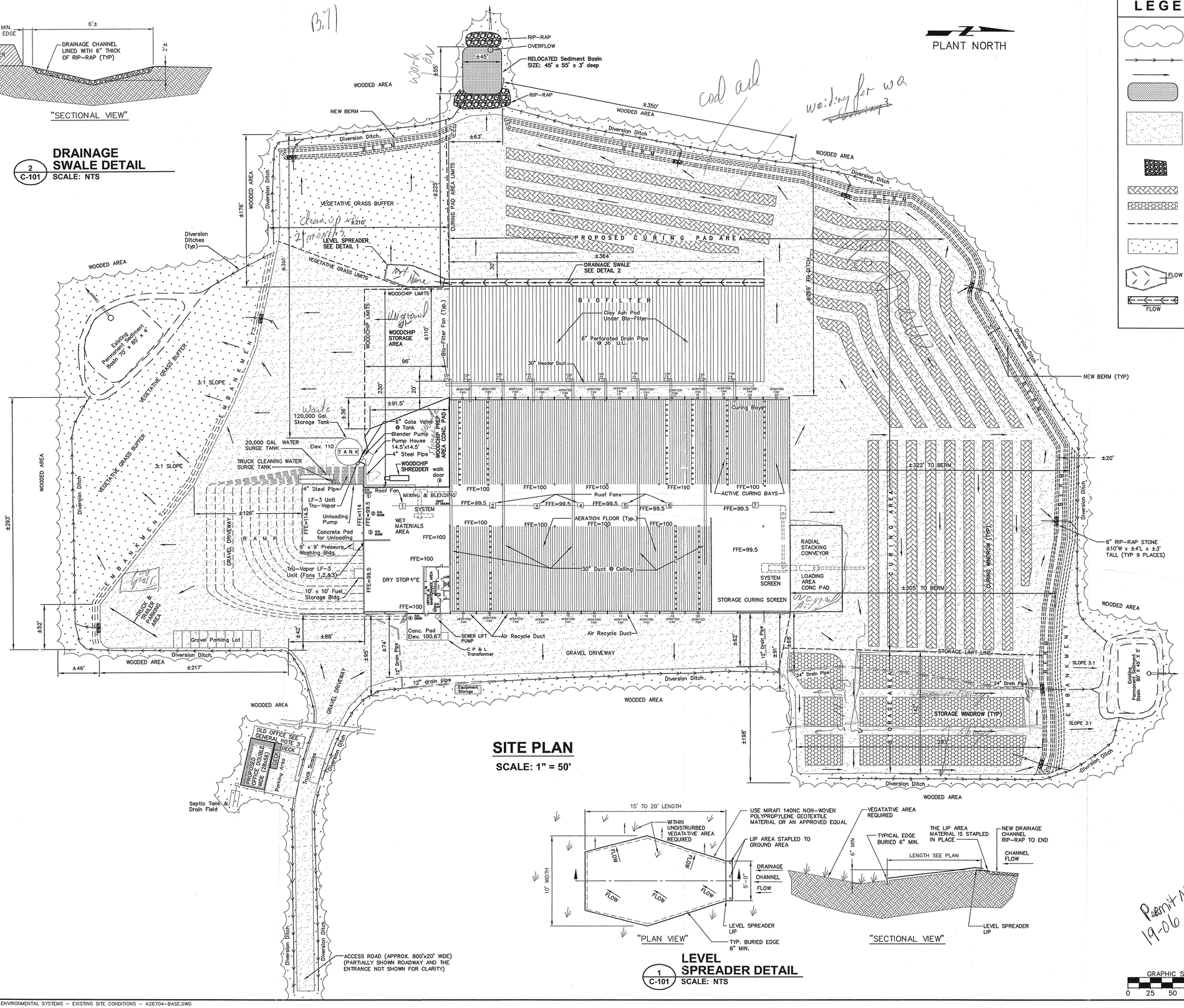
Description:	Map: . Maps in Roll: 2



DRAINAGE SWALE DETAIL

2 / C-101

SCALE: NTS



SITE PLAN

SCALE: 1" = 50'

LEVEL SPREADER DETAIL

1 / C-101

SCALE: NTS

LEGEND

- EXISTING TREE LINE
- DIVERSION DITCH
- (FLOW) SLOPE DIRECTION
- RELOCATED SEDIMENT CONTROL BASIN
- ALL AREA CLASSIFIED AS IMPERVIOUS, INCLUDING STRUCTURES, BUILDINGS, ROADWAYS, PARKING, AND PRODUCT STORAGE. SEE CHART BELOW FOR TOTAL
- RIP-RAP EROSION CONTROL PROTECTION
- CURING WINDROWS
- STORAGE WINDROWS
- AREA SEPARATION LIMITS LINE
- VEGETATIVE GRASS BUFFER AREA
- FLOW — LEVEL SPREADER SEE DETAIL 1
- FLOW — DRAINAGE SWALE SEE DETAIL 2

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GENERAL NOTES:

GENERAL NOTE 1.

John W. Harris, P.E.
Consulting Engineer
7909 Ocoee Court
Raleigh, N.C. 27612
(919) 789-0744

THE SITE PLAN MAP WAS ORIGINALLY PREPARED BY JOHN W. HARRIS, P.E.. THE INFORMATION WAS SUBMITTED FOR THE ORIGINAL SITE PERMIT.

GENERAL NOTE 2.

THIS NEW SITE PLAN MAP UTILIZED ALL PRIOR INFORMATION SHOWN BY JOHN W. HARRIS, P.E. ORIGINAL SITE PLAN. REVISED OR CURRENT INFORMATION SUCH AS THE TREELINE, IMPERVIOUS AREA, AND NEW SEDIMENT CONTROL DEVICES WERE FIELD VERIFIED BY MACCONNELL AND ASSOCIATES, P.C. ON NOVEMBER 15, 2005 AND ARE SHOWN AS DIMENSIONED. FIELD VERIFICATION CONSISTED OF UTILIZING TAPE MEASUREMENTS TO DETERMINE APPROXIMATE LOCATIONS AND DIMENSIONS..

GENERAL NOTE 3.

THE PROPOSED OFFICE (28x56 DOUBLE WIDE) WILL BE INSTALLED AS SHOWN. THE OLD OFFICE TRAILER WILL BE REMOVED AFTER ALL HOOKUPS TO THE PROPOSED OFFICE ARE MADE.

IMPERVIOUS CHART

AREA	SQUARE FEET = SF
MAIN FACILITIES	601,158 SF
OFFICE, AND OFFICE PARKING	4,488 SF
ACCESS ROADWAY 800'x20'	16,000 SF
TOTAL SF OF ALL IMPERVIOUS AREA DIVIDE TOTAL SF BY 43,560 = ACREAGE	621,646 SF
TOTAL ACRES OF IMPERVIOUS SOIL	14.27 ACRES

REVISIONS

NO.	DATE	DESCRIPTION
1	3/30/06	REVISED PER NCDENR REVIEW
2	5/18/06	FINAL REVIEW

PROJECT MANAGER: GSM	PROJECT ENGINEER: APG
DRAWN BY: CTM	CHECKED BY: GSM

DATE: DECEMBER 08, 2005

NORTH CAROLINA PROFESSIONAL SEAL 17069 ENGINEER GARY S. MacCONNELL 5/18/06

MacCONNELL & Associates, P. C.
909 AVIATION PARKWAY, SUITE 1400
P. O. BOX 129
MORRISVILLE, NORTH CAROLINA 27560
TEL: (919) 467-1239 FAX: (919) 319-6510

MCGILL ENVIRONMENTAL SYSTEMS

EXISTING SITE CONDITIONS

CHATHAM COUNTY, NC

COMPOSTING FACILITY EROSION CONTROL SITE PLAN

GRAPHIC SCALE: 1" = 50'

0 25 50 100 150

PROJECT NUMBER	DRAWING NUMBER
A26704.00	C-101

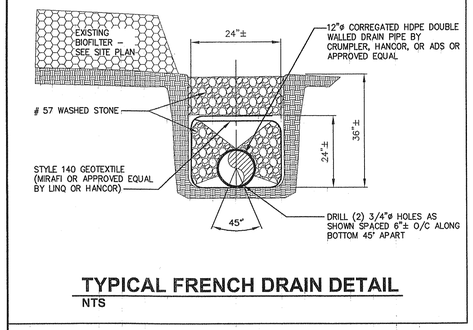
Permit No. 19-06

2 sheets

5/18/06

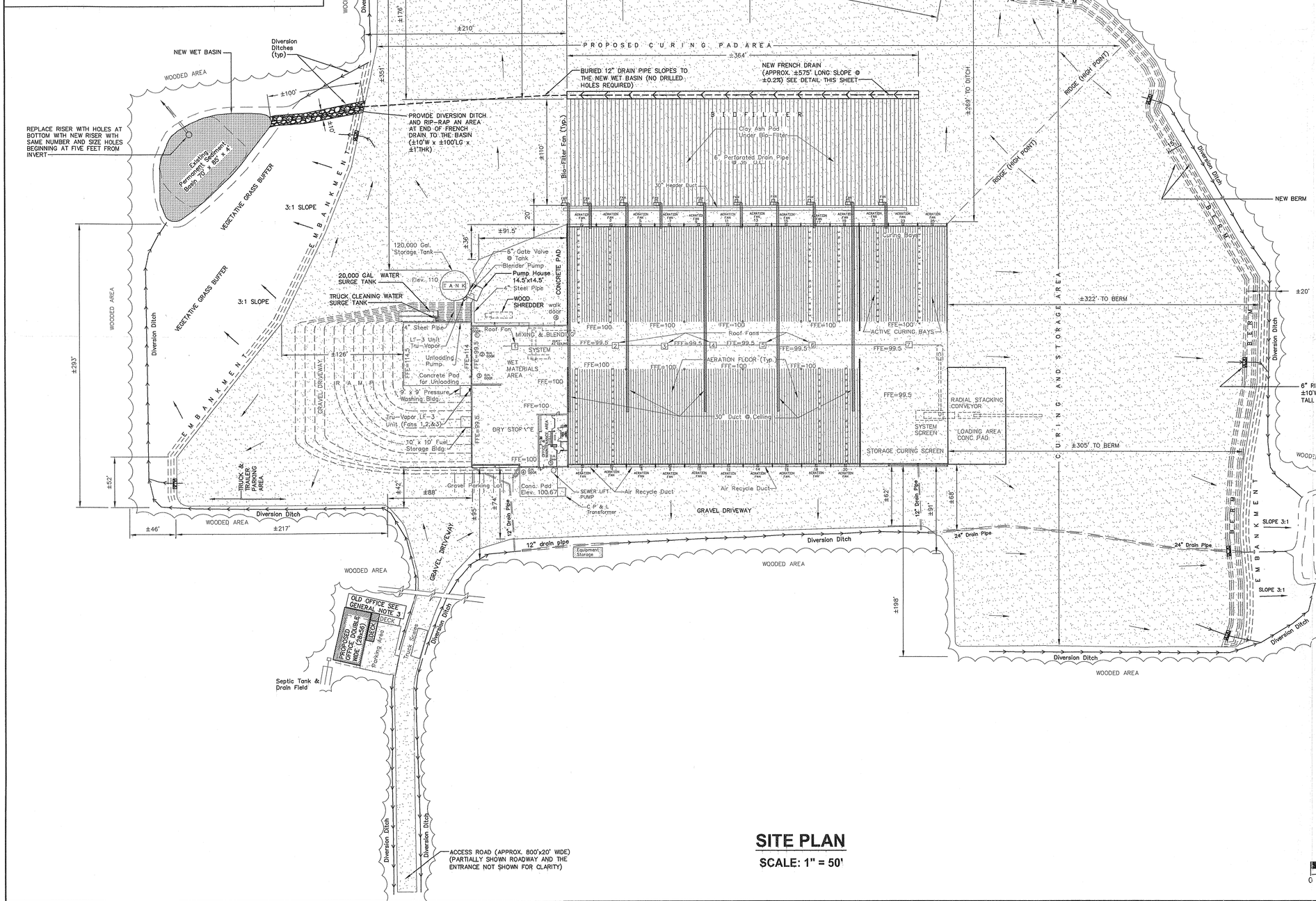
A26704.00 – MCGILL ENVIRONMENTAL SYSTEMS – EXISTING SITE CONDITIONS – A26704-BASE.DWG

A26704.00 – MCGILL ENVIRONMENTAL SYSTEMS – EXISTING SITE CONDITIONS – A26704-BASE.DWG



TYPICAL FRENCH DRAIN DETAIL

NTS



SITE PLAN

SCALE: 1" = 50'

LEGEND

- EXISTING TREE LINE
- DIVERSION DITCH
- SLOPED DIRECTION
- NEW OR RELOCATED SEDIMENT CONTROL BASIN
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- RIP-RAP EROSION CONTROL PROTECTION

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NO.	DATE	DESCRIPTION

PROJECT MANAGER: GSM	PROJECT ENGINEER: APG
DRAWN BY: CTM	CHECKED BY: GSM

DATE: DECEMBER 08, 2005

NORTH CAROLINA PROFESSIONAL SEAL 17069 ENGINEER MARY S. MacCONNELL 12/8/05

MacCONNELL & Associates, P. C.
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TEL: (919) 467-1239 FAX: (919) 319-6510

MCGILL ENVIRONMENTAL SYSTEMS

EXISTING SITE CONDITIONS

CHATHAM COUNTY, NC

COMPOSTING FACILITY EROSION CONTROL SITE PLAN

PROJECT NUMBER	DRAWING NUMBER
A26704.00	C-101

Received DEC 2005 Water Management

A26704.00 – MCGILL ENVIRONMENTAL SYSTEMS – EXISTING SITE CONDITIONS – A26704-BASE.DWG

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