

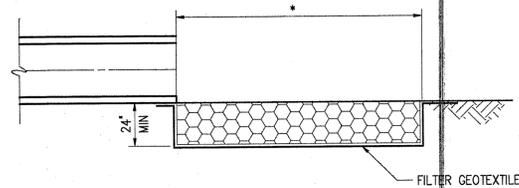
SEEDING SCHEDULE  
ALAMANCE COUNTY MUNICIPAL SOLID WASTE LANDFILL  
AS SPECIFIED IN THE 1988 LANDFILL VERTICAL EXPANSION PLAN

APPLICATION RATES IN POUNDS/ACRE						
SEED MIXTURE	PLANTING SEASON	LIME*	SEED	FERTILIZER*	TOPDRESSING*	COMMENTS
P	FEB 1-MAY 31 SEPT 1-NOV 30	4000	60	1000	500 OF 10-10-10 60 OF NITROGEN	PREFERRED PLANTING SEASONS ARE SEPT 15-OCT 15 AND FEB 15-APRIL 30. ADD 25#/ACRE SUDAGRASS DURING MAY. ADD 25#/ACRE HYBRID RYE DURING NOV.
TW	DEC 1-JAN 31	N/A	100	300	N/A	OVER SEED WITH TYPE P SEED MIXTURE DURING NEXT PLANTING SEASON
TS	JUNE 1-AUG 31	N/A	35	300	N/A	OVER SEED WITH TYPE P SEED MIXTURE DURING NEXT PLANTING SEASON

\* APPLICATION RATES AND/OR CHEMICAL ANALYSIS SHALL BE CONFIRMED OR ESTABLISHED BY SOIL TEST.  
\*\* SEED MIXTURES TO BE USED ON THE PROJECT SHALL BE AS FOLLOWS:

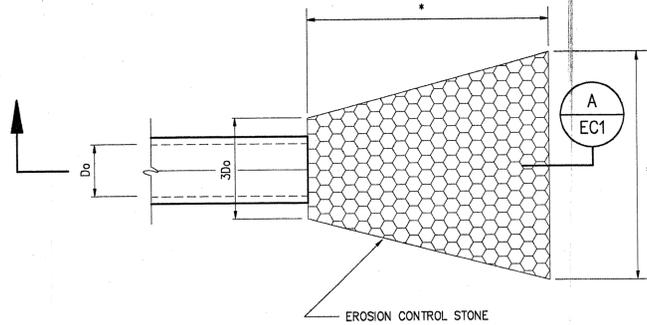
- P - PERMANENT SEEDING  
60#/ACRE KENTUCKY 31 TALL FESCUE
- TW - TEMPORARY WINTER SEEDING  
100#/ACRE HYBRID RYE
- TS - TEMPORARY SUMMER SEEDING  
35#/ACRE PEARL OR BROWN TOP MILLET

ON CUT AND FILL SLOPES 2H:1V OR STEEPER, ADD 30#/ACRE SERIOCEA LESPEDEZA TO TYPE P SEED MIXTURE. USE SCARIFIED SEED FOR SPRING PLANTINGS AND UNSCARIFIED FOR FALL PLANTINGS.



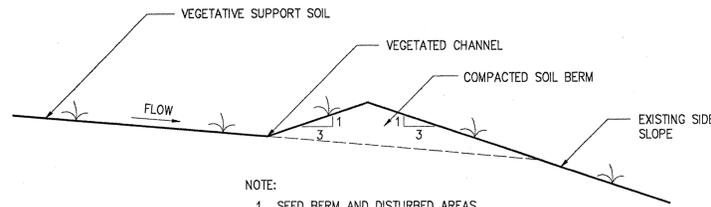
SECTION A  
NTS EC1

\* SEE SITE GRADING PLAN



TYPICAL OUTLET PROTECTION

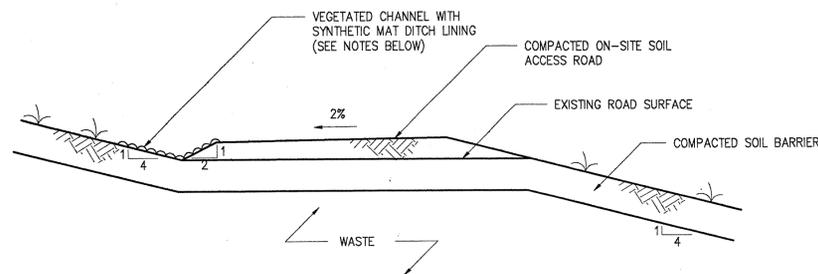
DETAIL 1  
NTS G2



NOTE:  
1. SEED BERM AND DISTURBED AREAS IN ACCORDANCE WITH SEEDING SCHEDULE.

TYPICAL SECTION CAP PERIMETER BERM

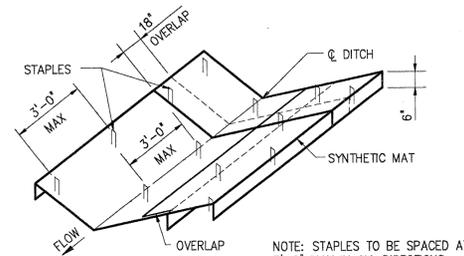
DETAIL 3  
NTS STD



NOTES:  
1. INSTALL SYNTHETIC MAT DITCH LINING IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS OR DETAIL 5/EC1.  
2. SYNTHETIC MAT DITCH LINING SHALL BE PERMANENT AND CAPABLE OF WITHSTANDING CHANNEL SHEAR STRESSES OF 6 psf AND WATER VELOCITIES OF 8.5 fps.  
3. SEED DITCH IN ACCORDANCE WITH SEEDING SCHEDULE.

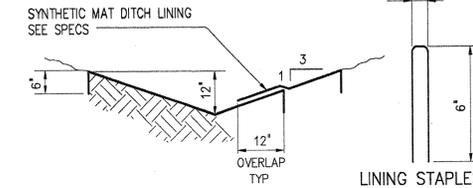
TYPICAL SECTION CAP ACCESS ROAD

DETAIL 4  
NTS G2



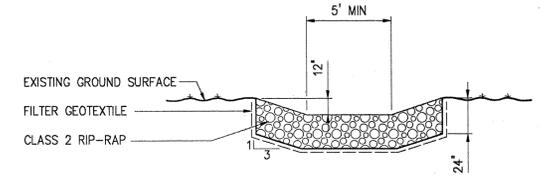
PERSPECTIVE VIEW

NOTE: STAPLES TO BE SPACED AT 3'-0" MAX IN ALL DIRECTIONS.



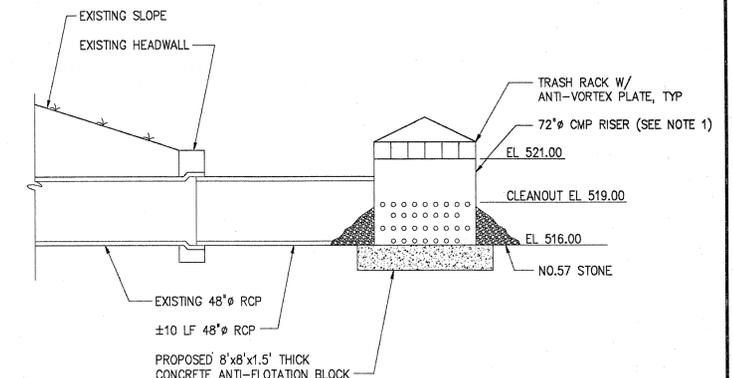
SYNTHETIC MAT DITCH LINING

DETAIL 5  
NTS EC1



C & DD LANDFILL FLUME DETAIL

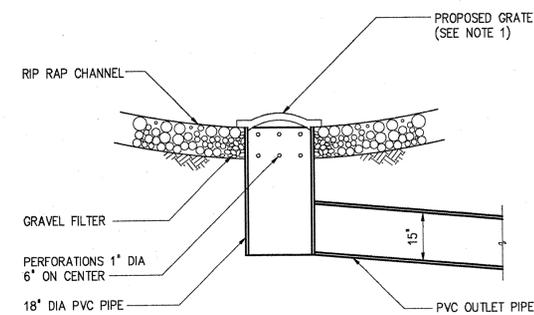
DETAIL 7  
NTS G3



NOTES:  
1. PERFORATE 72" CMP RISER FROM CLEANOUT ELEVATION TO ANTI-FLOTATION BLOCK WITH 1/2" HOLES SPACED APPROXIMATELY 3' APART ON OUTSIDE PIPE CORRUGATIONS.

PERMANENT SEDIMENT BASIN RISER DETAIL

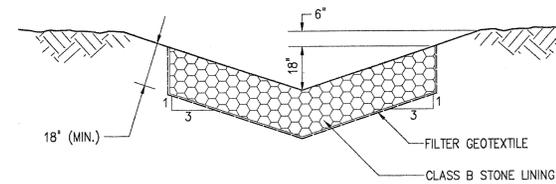
DETAIL 8  
NTS G2



NOTES:  
1. INSTALL IRON GRATE ON EXISTING CATCH BASINS.

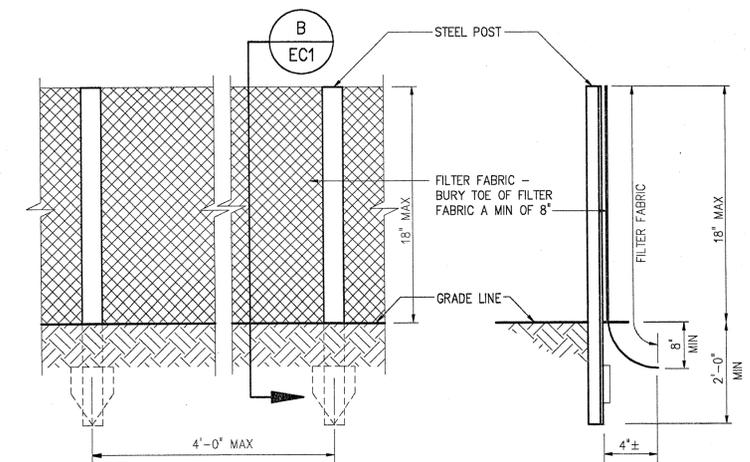
EXISTING CATCH BASIN W/PROPOSED GRATE

DETAIL 2  
NTS G2



TYPICAL PERMANENT DITCH DETAIL

DETAIL 6  
NTS G2



SILT FENCE  
DETAIL 9  
NTS G2

SILT FENCE  
SECTION B  
NTS EC1

NOT SCALE UNLESS NOTED OTHERWISE. ALL DIMENSIONS UNLESS OTHERWISE NOTED.

DESIGNED	BEK
DRAWN	PWS,GD
CHECKED	LWS
PROJ. ENGR.	JAB
APPROVED	<i>[Signature]</i>



**HAZEN AND SAWYER**  
Environmental Engineers & Scientists  
RALEIGH, NC CHARLOTTE, NC RICHMOND, VA

ALAMANCE COUNTY, NORTH CAROLINA  
SWEPSONVILLE LANDFILL CLOSURE PLAN

MISCELLANEOUS STANDARD DETAILS  
EROSION & SEDIMENTATION CONTROL  
SECTIONS AND DETAILS

THE SCALE BAR SHOWN BELOW MEASURES ONE INCH LONG ON THE ORIGINAL DRAWING.	DATE OCT 1993
	H. & S. JOB NUMBER 3707
	CONTRACT NUMBER 1A
	DRAWING NUMBER EC1
	SHEET 6 OF 6



- NOTES:**
1. SEE DRAWING G4 FOR TYPICAL FINAL COVER SECTIONS.
  2. BORROW SITE SHALL BE GRADED TO DRAIN IN A SOUTHEASTERLY DIRECTION WITH A MINIMUM SLOPE OF 2% AND MAXIMUM SLOPE OF 3H:1V.



PLAN  
1"=100'-0"

PLOT DATE 10/20/93 PLOT SCALE = 1" = 100' SEE - 10/20/93 - 10/20/93

DESIGNED	BEK			
DRAWN	PWS			
CHECKED	JAB			
PROJECTOR	JAB			
APPROVED	<i>[Signature]</i>			
NO.	REGULATORY APPROVAL	DATE	BY	APPROVED
1	ISSUED FOR	8/93	JAB	<i>[Signature]</i>

10/8/93

10/8/93

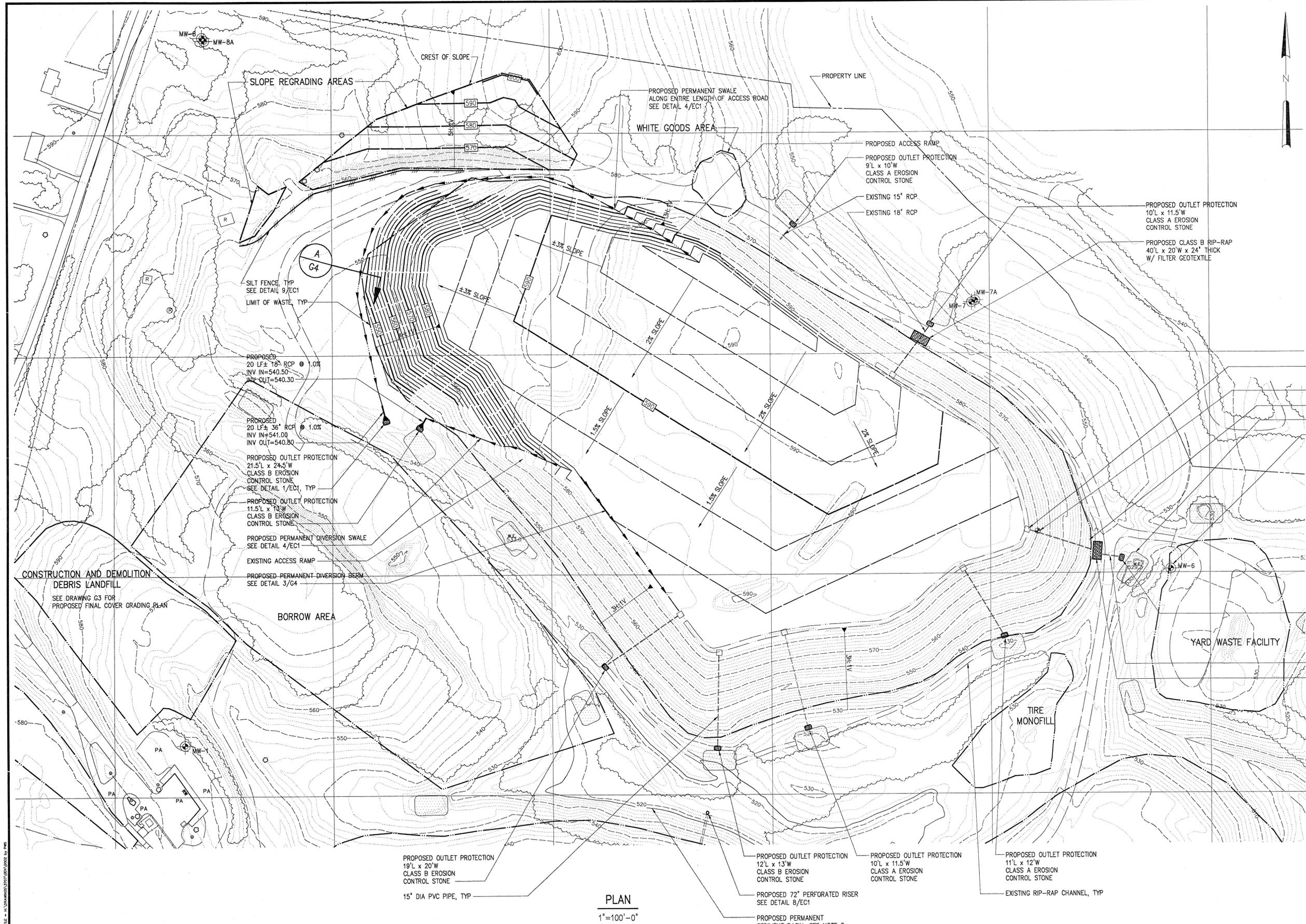
**HAZEN AND SAWYER**  
Environmental Engineers & Scientists  
RALEIGH, NC CHARLOTTE, NC RICHMOND, VA

ALAMANCE COUNTY, NORTH CAROLINA  
**SWEPSONVILLE LANDFILL CLOSURE PLAN**

CONSTRUCTION AND DEMOLITION  
DEBRIS LANDFILL  
GENERAL  
PROPOSED FINAL COVER GRADING PLAN

THE SCALE BAR SHOWN BELOW MEASURES ONE INCH LONG ON THE ORIGINAL DRAWING.	DATE	OCT 1993
	H & S JOB NUMBER	3707
	CONTRACT NUMBER	1A
	DRAWING NUMBER	G3
	SHEET	4 OF 6

- NOTES:**
1. SEE DRAWING G4 FOR TYPICAL FINAL COVER SECTIONS.
  2. RISER SHALL BE INSTALLED AT INITIATION OF CLOSURE ACTIVITIES. RISER SHALL BE REMOVED AFTER ALL DISTURBED AREAS HAVE ESTABLISHED A HEALTHY STAND OF VEGETATION.
  3. TEMPORARY SEDIMENT BASINS SHALL BE REGRADED AND SEEDED ONCE ENTIRE SITE HAS STABILIZED VEGETATION.



**PLAN**  
1"=100'-0"

DESIGNED	BEK
DRAWN	PWS
CHECKED	JAB
PROJ. ENGR.	JAB
APPROVED	<i>[Signature]</i>
REGULATORY APPROVAL	8/93
ISSUED FOR	JAB
DATE	BY
NO.	APPROVED

JOHN A. BOYE  
ENGINEER

ROBERT S. DIFIORE  
ENGINEER

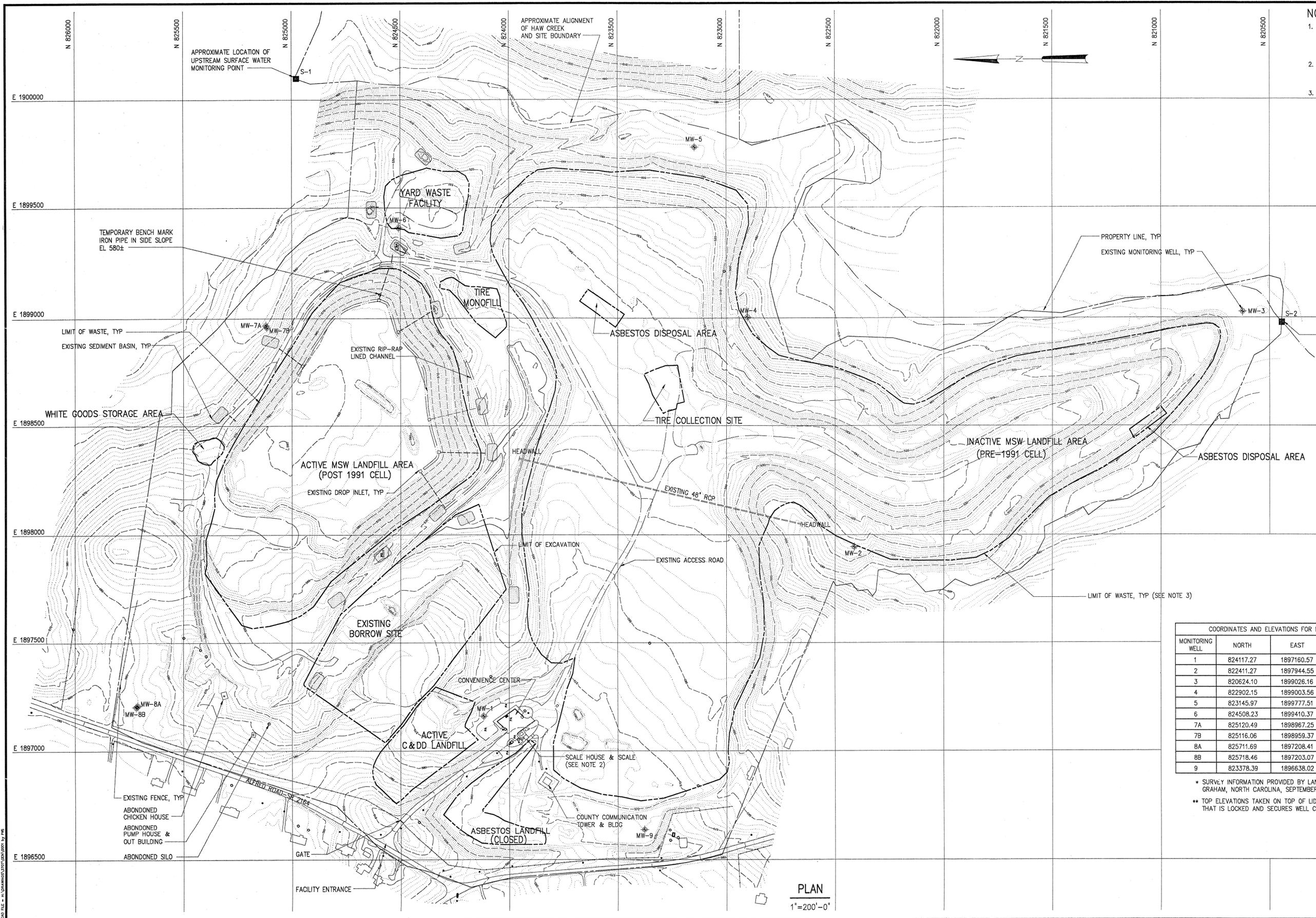
**HAZEN AND SAWYER**  
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RALEIGH, NC CHARLOTTE, NC RICHMOND, VA

ALAMANCE COUNTY, NORTH CAROLINA  
**SWEPSONVILLE LANDFILL CLOSURE PLAN**

POST 1991 CELL MSW LANDFILL  
GENERAL  
**PROPOSED FINAL COVER GRADING PLAN**

THE SCALE BAR SHOWN BELOW MEASURES ONE INCH LONG ON THE ORIGINAL DRAWING.	DATE	OCT 1993
	H & S JOB NUMBER	3707
	CONTRACT NUMBER	1A
	DRAWING NUMBER	G2
	SHEET	3 OF 6

- NOTES:**
1. AERIAL SURVEY FLOWN BY WESTINGHOUSE LANDMARK GIS, INC., CARY, NC IN MAY 1993. THIS DRAWING DENOTES EXISTING GRADES FOR THAT DATE.
  2. SCALE HOUSE AND SCALE TO BE RELOCATED TO AUSTIN QUARTER ROAD SOLID WASTE MANAGEMENT FACILITY.
  3. EXISTING LIMITS OF WASTE ARE APPROXIMATE AS PROVIDED BY THE COUNTY.



COORDINATES AND ELEVATIONS FOR MONITORING WELLS \*

MONITORING WELL	NORTH	EAST	ELEVATIONS	
			**TOP	GROUND
1	824117.27	1897160.57	574.67	572.24
2	822411.27	1897944.55	510.67	508.53
3	820624.10	1899026.16	466.63	463.81
4	822902.15	1899003.56	497.57	494.92
5	823145.97	1899777.51	476.56	473.72
6	824508.23	1899410.37	529.50	527.37
7A	825120.49	1898967.25	553.09	549.54
7B	825116.06	1898959.37	554.12	550.07
8A	825711.69	1897208.41	591.08	587.59
8B	825718.46	1897203.07	591.25	587.59
9	823378.39	1896638.02	568.78	565.96

\* SURVEY INFORMATION PROVIDED BY LANDMARK SURVEYING, INC. GRAHAM, NORTH CAROLINA, SEPTEMBER 22, 1993.  
 \*\* TOP ELEVATIONS TAKEN ON TOP OF LID MADE OF SQUARE TUBING THAT IS LOCKED AND SECURES WELL CASING.

PLAN  
1"=200'-0"

DESIGNED	H & S
DRAWN	PWS
CHECKED	JAB
PROJ. ENGR.	JAB
APPROVED	[Signature]

10/8/93

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ALAMANCE COUNTY, NORTH CAROLINA  
 SWEPSONVILLE LANDFILL CLOSURE PLAN

GENERAL  
 EXISTING SITE CONDITIONS

THE SCALE BAR SHOWN BELOW MEASURES ONE INCH LONG ON THE ORIGINAL DRAWING.	DATE	OCT 1993
	H & S JOB NUMBER	3707
	CONTRACT NUMBER	1A
	DRAWING NUMBER	G1
	SHEET	2 OF 6



Sweepsonville

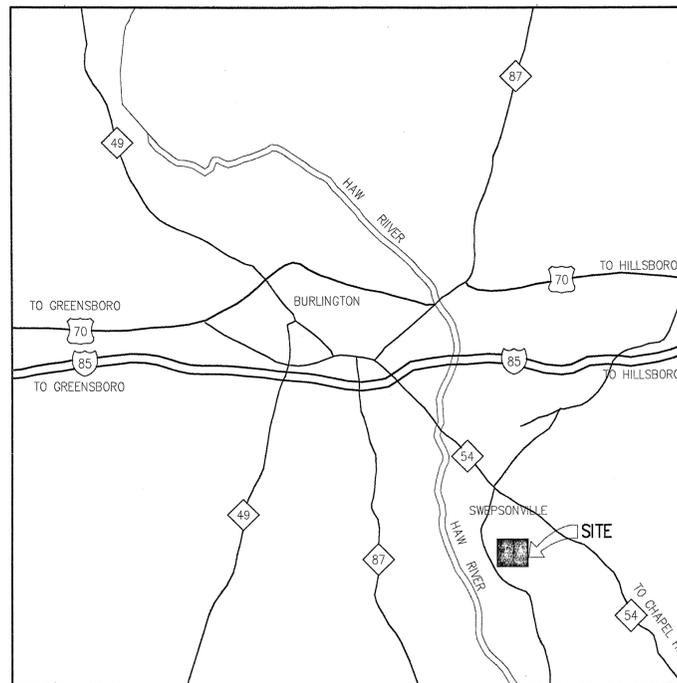
#101  
10/93  
Alamance Co.  
Sweepsonville LF  
Closure Plan

# ALAMANCE COUNTY, NORTH CAROLINA



# SWEPSONVILLE LANDFILL CLOSURE PLAN

0101 Map 1993



LOCATION MAP

10-01  
Alamance

ISSUED FOR CONSTRUCTION  
BY \_\_\_\_\_ DATE \_\_\_\_\_

PLST DATE: 10/08/93, PLOT SCALE: = 1:1, CAD FILE: H:\SWAMP\03\101\ALAM\0001.DWG BY: PMS



**HAZEN AND SAWYER**  
Environmental Engineers & Scientists  
RALEIGH, NORTH CAROLINA

