



DIN9248  
01/06/10  
GL

January 6, 2009

PN: 140001

Mr. Geoffrey H. Little  
Solid Waste Section  
NCDENR Division of Waste Management  
1646 Mail Service Center  
Raleigh NC 27699-1646

**RE: Request for Permit Extension  
SWS Permit 43C-LCID  
Blaylock LCID Landfill**

Dear Mr. Little:

On behalf of the permittee, Blaylock Grading Company, L.L.P., we request an extension of Permit Number 43C for the Blaylock Grading LCID Landfill in Harnett County. Attached please find three copies of a new operation plan and drawings. The arrangement of the four phases of development have been changed from that shown on the drawings submitted in 2000 in order to reflect the actual sequence of development since then.

The air space remaining in the landfill is 149,840 cubic yards (December 2009). Based on 7.5 cubic yards per truck (compacted), 15 trucks per day, 5 days per week, 52 weeks per year, the estimated waste acceptance rate is 28,125 cubic yards per year, and the estimated life expectancy of the landfill is 5.3 years.

Sincerely,

A handwritten signature in black ink, appearing to read 'C. Tyrus Clayton, Jr.', is written over a light blue horizontal line.

C. Tyrus Clayton, Jr., PE  
Vice President

cc: file  
Blaylock Grading

**PO Box 578 – 46 West Washington Street - Coats, North Carolina 27521**

Phone: 910-897-7070 - Fax: 252 672-8577

Offices located in Coats and New Bern, North Carolina

[www.ctclayton.com](http://www.ctclayton.com)

**Operation Plan**  
**Blaylock Grading LCID Landfill**  
**Harnett County, North Carolina**

**December 2009**



**Prepared by:**



**PO Box 578 – 46 West Washington Street - Coats, North Carolina 27521**

Phone: 910-897-7070 - Fax: 252 672-8577

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CTC PN 140001

## **Table of Contents**

### **1. General Facility Information**

- 1.1. Contact Information**
- 1.2. Description**
- 1.3. Projected Use of the Land after Completion**
- 1.4. Wastes Accepted**
- 1.5. Access Control**
- 1.6. Sign**

### **2. Operation**

- 2.1. Phases**
- 2.2. Attendant**
- 2.3. Placement and Compaction**
- 2.4. Cover**
- 2.5. Access Roads**
- 2.6. Drainage**
- 2.7. Erosion Control**
- 2.8. Emergency Contingency Plan**

### **3. Closure**

## **1. General Facility Information**

### **1.1. Contact Information**

The facility is operated by Blaylock Grading Company, L.L.P., 345 Caulton Brown Road, Lillington NC 27546, (910) 890-8653, on land leased from Elbert Hall. The individual responsible for operation and maintenance of the facility is Harold G. Blaylock.

### **1.2. Description**

The facility is located on a tract of land on the southwest side of Claude White Road, SR 1001, in Harnett County. The land was previously used as a sand pit.

### **1.3. Projected Use of the Land after Completion**

After completion the land will be used as pasture.

### **1.4. Wastes Accepted**

The facility will accept land clearing waste, inert debris, untreated wood and yard trash only. The source of the waste will generally be private land clearing and landscape maintenance operations in western Harnett County, southern Lee County and eastern Moore County. Rate of waste acceptance is 250-350 cubic yards per operating day.

### **1.5. Access Control**

The facility is separated from the road and the property to the south by steep berms. The adjoining property to the north and west is wooded. There is a lockable gate at the entrance.

### **1.6. Sign**

A sign is located at the entrance to the facility showing the contact name and number in case of an emergency and the permit number.

## **2. Operation**

### **2.1. Phases**

The facility is divided into four phases as shown on the Site Plan. Waste will be placed in Phases 1, 2, 3 and 4 successively. Within 120 calendar days of completion of filling in each phase the waste will be covered and ground cover vegetation will be established according to 2.5 and 2.9 below.

### **2.2. Attendant**

An attendant will be on duty at all times that the facility is open for public use. The attendant will ensure compliance with operational requirements and prevent acceptance of unauthorized wastes.

### **2.3. Placement and Compaction**

Waste will be dumped at the fill face next to existing waste and pushed by equipment into a continuous mass occupying the smallest area feasible. After placement the waste will be compacted by equipment to the maximum practical density. No waste will be burned.

### **2.4. Cover**

Soil cover will be applied on top of the waste at least monthly or whenever the uncovered area reaches one acre in area. Thickness of the final cover will be one foot, minimum.

### **2.5. Access Roads**

Access roads will be constructed as necessary to allow hauling to the fill face. Access roads will have a surface of compacted soil sufficiently sandy to allow all-weather use or of crushed stone.

### **2.6. Drainage**

Fill will be advanced so that waste is not placed in water and surface water drains away from the waste. The top of fill and cover will be sloped to divert water away from exposed waste and prevent ponding over waste.

### **2.7. Erosion Control**

Erosion on the site will be minimized by limiting the area of excavation and avoiding the grading of steep slopes as much as possible. Ground cover vegetation will be established on diversion berms as they are constructed and on final grade within 120 calendar days after completion of filling at each location.

### **2.8. Emergency Contingency Plan**

Telephone service will be continuously maintained at the facility office. The telephone numbers of the nearest fire department and rescue squad will be posted at the office. In case of fire, the fire department will be called, waste dumping will be suspended and waste and/or soil will be moved to isolate the fire from combustible material if it is safe to do so.

## **3. Closure**

Upon exhaustion of available fill space the final cover will be completed, any grading necessary to avoid erosion will be accomplished and all bare areas will be seeded with ground cover vegetation.

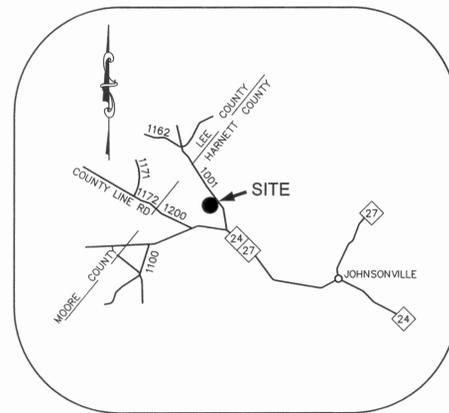
# BLAYLOCK GRADING LCID LANDFILL HARNETT COUNTY

## PERMIT RENEWAL

DECEMBER 2009  
PERMIT #: 43C-LCID

### OPERATOR INFORMATION

OPERATED BY: BLAYLOCK GRADING COMPANY, L.L.P.  
345 CAULTON BROWN RD.  
LILLINGTON, NC 27546  
(910) 890-8653  
CONTACT: HAROLD G. BLAYLOCK



VICINITY MAP  
NOT TO SCALE

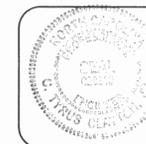
**Clayton, Sr., P.E., Inc.**  
CIVIL & ENVIRONMENTAL ENGINEERING  
PO BOX 578  
COATS, NORTH CAROLINA 27521  
PHONE 910-897-7070 FAX: 910-897-6767  
MOBILE: 919 795-6302 (Tyrus) Email: tyrus@ctclayton.com

### SHEET INDEX

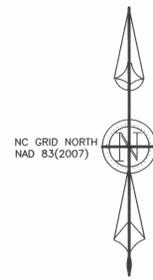
COVER SHEET  
SITE PLAN \_\_\_\_\_ 1  
SECTIONS \_\_\_\_\_ 2

DESIGNED WLF  
DRAWN WLF  
CHECKED CTC Jr.  
PROJ. ENG. CTC Jr.

DATE: 12/18/09  
CTC PROJ. # 140001  
DWG FILE: 140001.MAS.dwg



*Clayton, Sr.*  
P.E.  
12/31/09  
DATE



NOW OR FORMERLY  
ELBERT HALL  
D.B. 847 PG. 128

NOW OR FORMERLY  
GWENDOLYN SIMPSON CAMERON  
D.B. 1223 PG. 699

NOW OR FORMERLY  
KIRKPATRICK ASSOCIATES  
D.B. 994 PG. 753

NOW OR FORMERLY  
FLOYD DAY  
D.B. 587 PG. 148

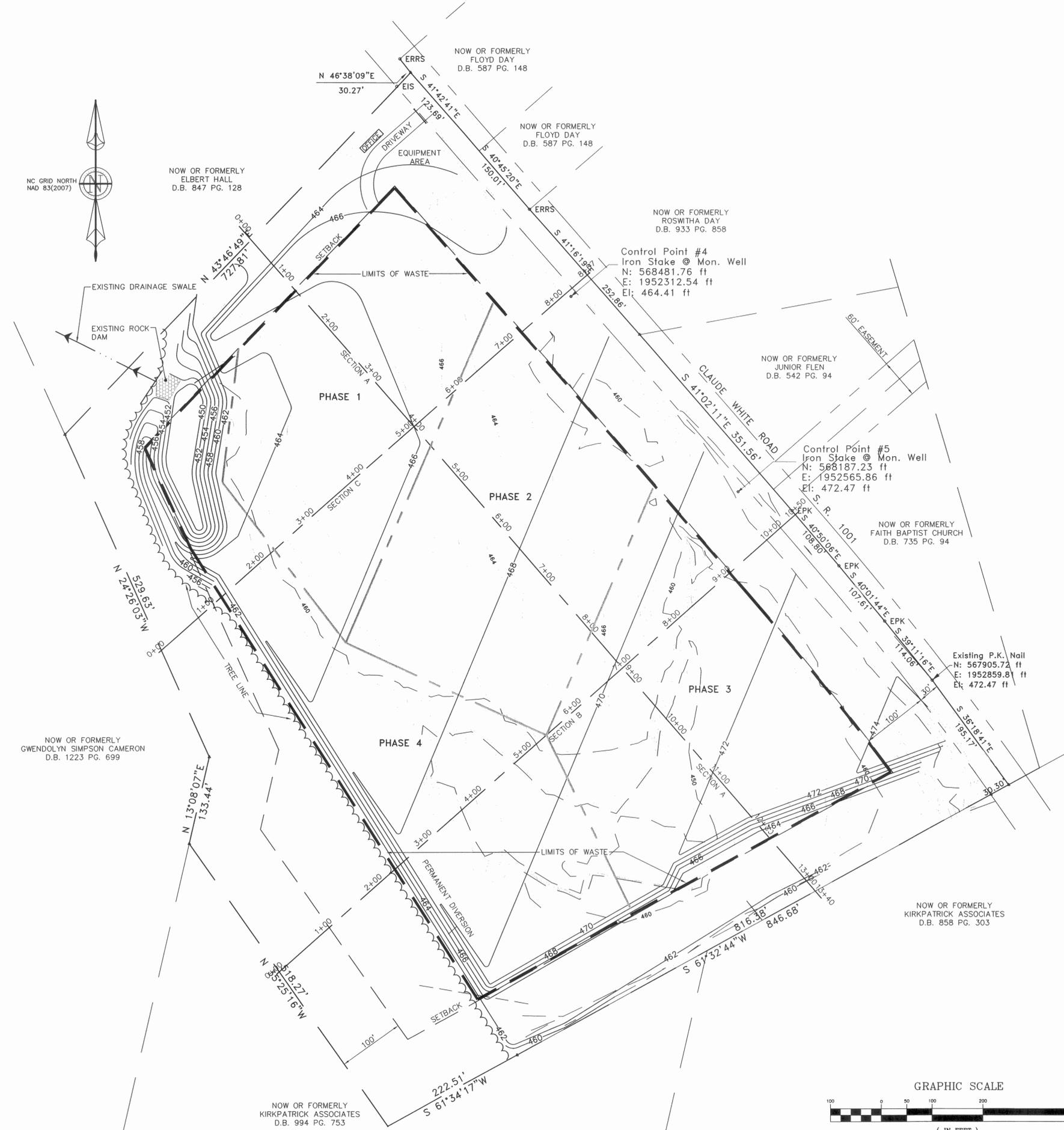
NOW OR FORMERLY  
FLOYD DAY  
D.B. 587 PG. 148

NOW OR FORMERLY  
ROSWITHA DAY  
D.B. 933 PG. 858

NOW OR FORMERLY  
JUNIOR FLEN  
D.B. 542 PG. 94

NOW OR FORMERLY  
FAITH BAPTIST CHURCH  
D.B. 735 PG. 94

NOW OR FORMERLY  
KIRKPATRICK ASSOCIATES  
D.B. 858 PG. 303



**LEGEND**

---	PROPERTY LINE, SURVEYED
---	PROPERTY LINE NOT SURVEYED
---	RIGHT-OF-WAY LINE, ASSUMED
---	EXISTING CONTOUR
---	PROPOSED FINAL-GRADE CONTOUR
---	PHASE LINE
---	100' SETBACK LINE
---	SECTION LINE
---	LIMITS OF WASTE

**PERMANENT SEEDING SCHEDULE**

SHOULDERS, SIDE DITCHES, SLOPES (MAX. 3:1)		
DATE	TYPE	PLANTING RATE
August 15-Nov. 1	Tall Fescue	300 lbs/acre
Nov. 01-Mar. 01	Tall Fescue & Abruzzi Rye	25 lbs/acre
Mar. 01-Apr. 15	Tall Fescue	300 lbs/acre
Apr. 15-June 30	Hulled Common Bermudagrass	25 lbs/acre
July 01-August 15	Tall Fescue	120 lbs/acre
	*Browntop Millet	35 lbs/acre
	*Or Sorghum-Sudan Hybrids	30 lbs/acre

SLOPES (3:1 TO 2:1)		
DATE	TYPE	PLANTING RATE
March 01-June 01	Sericea Lespedeza (Scarified)	50 lbs/acre
March 01-April 15	Add Tall Fescue	120 lbs/acre
March 01-June 30	Or add Weeping Lovagegrass	10 lbs/acre
March 01-June 30	Or add Hulled Common Bermudagrass	25 lbs/acre
June 01-Sept. 01	Tall Fescue and	120 lbs/acre
	*Browntop Millet	35 lbs/acre
	*Or Sorghum-Sudan Hybrids	30 lbs/acre
Sept. 01-March 01	Sericea Lespedeza (Unhulled-Unscarified)	70 lbs/acre
	And Tall Fescue	120 lbs/acre
Nov. 01-March 01	Add Abruzzi Rye	25 lbs/acre

Consult conservation engineer or soil conservation service for additional information concerning other alternatives for vegetation of denuded areas.

\*\*Temporary-Reseed according to optimum season for desired permanent vegetation. Do not allow temporary cover to grow over 12 in height before mowing, otherwise fescue may be shaded out.

**SEEDBED PREPARATION**

- Chisel compacted areas and spread topsoil 5 inches deep over adverse soil conditions, if available.
- Rip the entire area to 6 inches depth.
- Remove all loose rock, roots, and other obstructions leaving surface reasonably smooth and uniform.
- Apply agricultural lime, fertilizer, and superphosphate uniformly and mix with soil (see below)
- Continue tillage until a well-purverized, firm, reasonably uniform seedbed is prepared 4 to 6 inches deep.
- Seed on a freshly prepared seedbed and cover seed lightly with seeding equipment cutpack after seeding.
- Mulch immediately after seeding and anchor mulch.
- Inspect all seeded areas and make necessary repairs or reseeds within the planting season, if possible. If stand should be over 60% damaged re-establish following original line, fertilizer and seeding rates.
- Consult conservation inspector on maintenance treatment and fertilization after permanent cover is established.

\*Apply: Agricultural limestone-1 tons/acre or 2 tons/acre in clay soils  
Fertilizer-1000 lbs/acre (20-20-20) or 2000 lbs/acre (10-10-10)  
Mulch-2 tons/acre (small grain straw) and crimp

**TEMPORARY SEEDING SCHEDULE**

SHOULDERS, SIDE DITCHES, SLOPES		
DATE	TYPE	PLANTING RATE
August 15-Dec 31	Rye (grain)	120 lbs/acre
Dec 31-May 1	Rye (grain)	120 lbs/acre
	Annual Lespedeza*	50 lbs/acre
May 1-Aug 15	German Millet	40 lbs/acre

Consult conservation engineer or soil conservation service for additional information concerning other alternatives for vegetation of denuded areas.

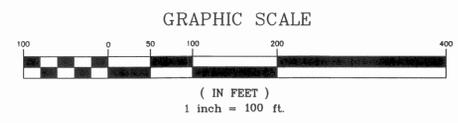
\*Omit annual lespedeza when duration of temporary cover is not to extend beyond June.

\*\*Temporary-Reseed according to optimum season for desired vegetation. Do not allow temporary cover to grow over 12 in height before mowing, otherwise permanent seeding may be shaded out.

**SEEDBED PREPARATION**

- Chisel compacted areas and spread topsoil 5 inches deep over adverse soil conditions, if available.
- Rip the entire area to 6 inches depth.
- Remove all loose rock, roots, and other obstructions leaving surface reasonably smooth and uniform.
- Apply agricultural lime, fertilizer, and superphosphate uniformly and mix with soil (see below)
- Continue tillage until a well-purverized, firm, reasonably uniform seedbed is prepared 4 to 6 inches deep.
- Seed on a freshly prepared seedbed and cover seed lightly with seeding equipment cutpack after seeding.
- Mulch immediately after seeding and anchor mulch.
- Inspect all seeded areas and make necessary repairs or reseeds within the planting season, if possible. If stand should be over 60% damaged re-establish following original line, fertilizer and seeding rates.
- Consult conservation inspector on maintenance treatment and fertilization after permanent cover is established.

\*Apply: Agricultural limestone-2 tons/acre or 3 tons/acre in clay soils  
Fertilizer-750 lbs/acre (10-20-10)  
Mulch-2 tons/acre (small grain straw)  
Anchor-asphalt emulsion at 450 gal/acre if straw is not crimped in place



- General Notes**
- TOPOGRAPHIC SURVEY AND BOUNDARY INFORMATION FROM SURVEY DATE DECEMBER 2009 BY ROBERT GODWIN, STREAMLINE SURVEY, INC.
  - NO WASTE SHALL BE PLACED CLOSER THAN 100' FROM PROPERTY LINE
  - THE FACILITY WILL ACCEPT LAND CLEARING WASTE, INERT DEBRIS, UNTREATED WOOD AND YARD TRASH ONLY. THE SOURCE OF THE WASTE WILL GENERALLY BE PRIVATE LAND CLEARING AND LANDSCAPE MAINTENANCE OPERATIONS IN WESTERN HARNETT COUNTY, SOUTHERN LEE COUNTY AND EASTERN MOORE COUNTY. RATE OF WASTE ACCEPTANCE IS 250-350 CUBIC YARDS PER OPERATING DAY.
  - THE FACILITY IS DIVIDED INTO FOUR PHASES AS SHOWN ON THE SITE PLAN. WASTE WILL BE PLACED IN PHASES 1, 2, 3, AND 4 SUCCESSIVELY. WITHIN 120 CALENDAR DAYS OF COMPLETION OF FILLING IN EACH PHASE THE WASTE WILL BE COVERED AND GROUND COVER VEGETATION WILL BE ESTABLISHED ACCORDING TO THE OPERATIONS PLAN. AN ATTENDANT WILL BE ON DUTY AT ALL TIMES THAT THE FACILITY IS OPEN FOR PUBLIC USE. THE ATTENDANT WILL ENSURE COMPLIANCE WITH OPERATIONAL REQUIREMENTS AND PREVENT ACCEPTANCE OF UNAUTHORIZED WASTES.
  - WASTE WILL BE DUMPED AT THE FILL FACE NEXT TO EXISTING WASTE AND PUSHED BY EQUIPMENT INTO A CONTINUOUS MASS OCCUPYING THE SMALLEST AREA FEASIBLE. AFTER PLACEMENT THE WASTE WILL BE COMPACTED BY EQUIPMENT TO THE MAXIMUM PRACTICAL DENSITY. NO WASTE WILL BE BURNED.
  - SOIL COVER WILL BE APPLIED ON TOP OF THE WASTE AT LEAST MONTHLY OR WHENEVER THE UNCOVERED AREA REACHES ONE ACRE IN AREA. THICKNESS OF THE FINAL COVER WILL BE ONE FOOT, MINIMUM.
  - ACCESS ROADS WILL BE CONSTRUCTED AS NECESSARY TO ALLOW HAULING TO THE FILL FACE. ACCESS ROADS WILL HAVE A SURFACE OF COMPACTED SOIL SUFFICIENTLY SANDY TO ALLOW ALL-WEATHER USE OR OF CRUSHED STONE
  - FILL WILL BE ADVANCED SO THAT WASTE IS NOT PLACED IN WATER AND SURFACE WATER DRAINS AWAY FROM THE WASTE. THE TOP OF FILL AND COVER WILL BE SLOPED TO DIVERT WATER AWAY FROM EXPOSED WASTE AND PREVENT PONDING OVER WASTE.
  - EROSION ON THE SITE WILL BE MINIMIZED BY LIMITING THE AREA OF EXCAVATION AND AVOIDING THE GRADING OF STEEP SLOPES AS MUCH AS POSSIBLE. GROUND COVER VEGETATION WILL BE ESTABLISHED ON DIVERSION BERMS AS THEY ARE CONSTRUCTED AND ON FINAL GRADE WITHIN 120 CALENDAR DAYS AFTER COMPLETION OF FILLING AT EACH LOCATION. THE APPROVED E & S CONTROL PLAN WILL BE FOLLOWED.
  - THE AIR SPACE REMAINING IN THE LANDFILL IS 149,840 CUBIC YARDS; APPROXIMATELY 5.3 YEARS ESTIMATED LIFE EXPECTANCY.

No.	Revision/Issue	Date

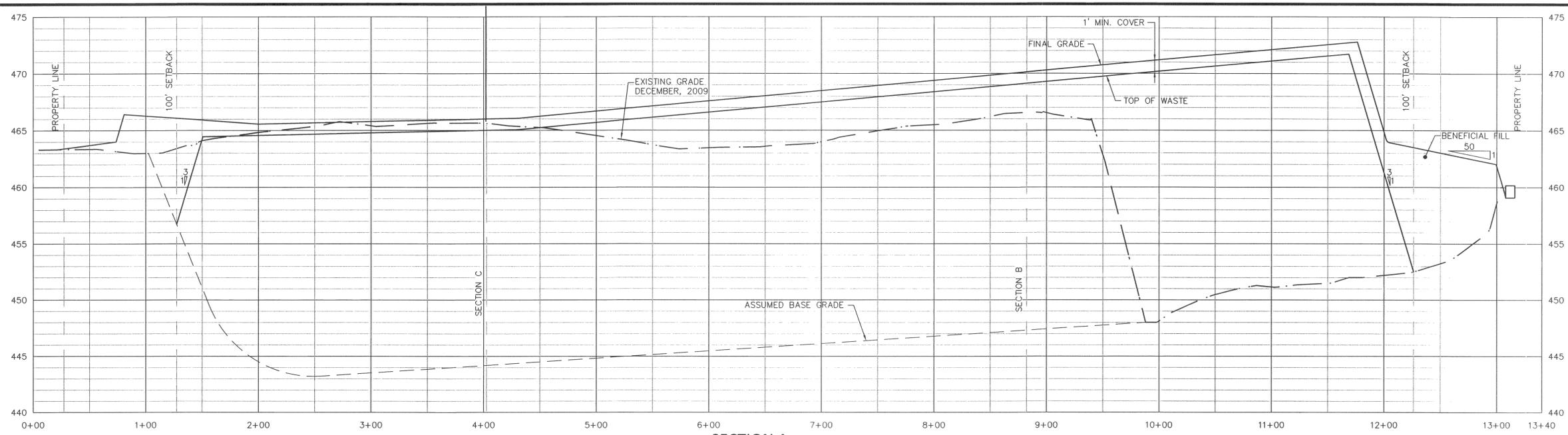
Signature: *C. T. Clayton, Sr.*  
Date: 12/31/09



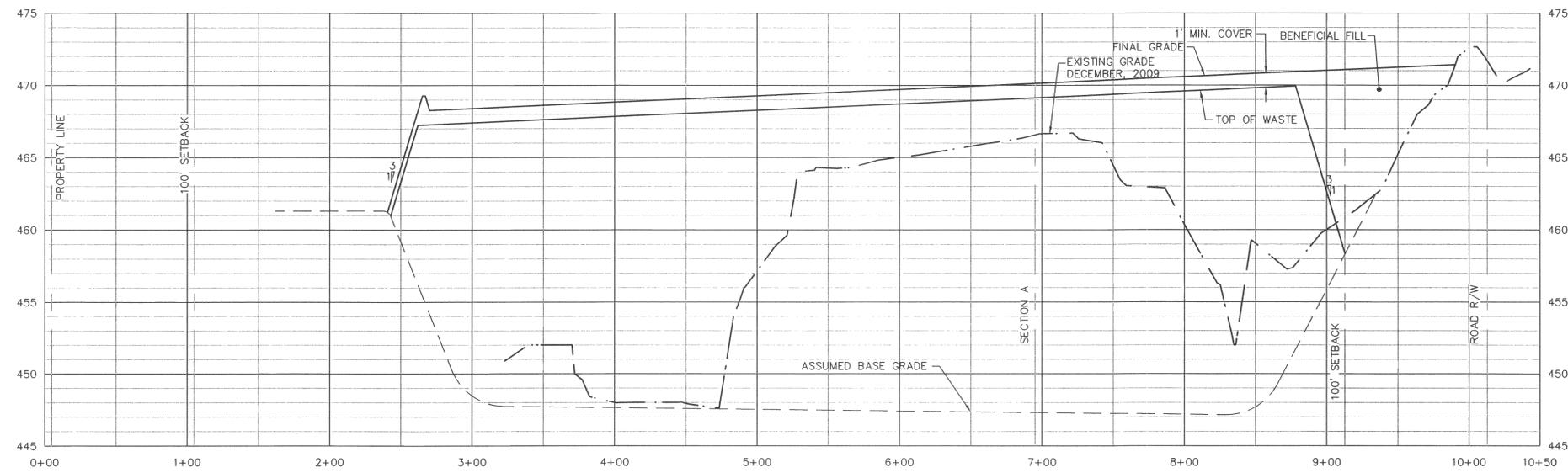
**Clayton, Sr., P.E., Inc.**  
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POST OFFICE BOX 578  
COATS, NORTH CAROLINA 27521  
PHONE: 919-897-7070 FAX: 919-897-4767  
MOBILE: 919-795-8302 (Tyus) Email: tyus@clayton.com

**BLAYLOCK GRADING LCID LANDFILL**  
HARNETT COUNTY, NORTH CAROLINA

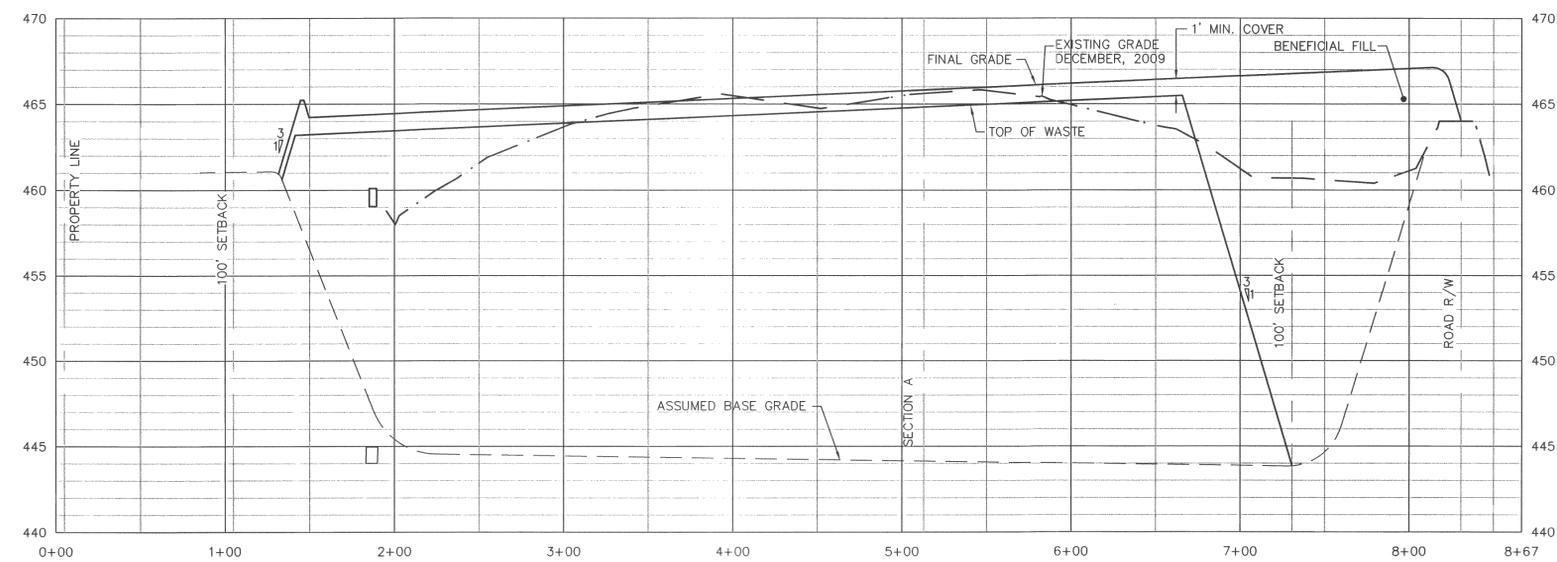
Project No:	140001	File Name:	140001.MAS
Designed By:	WLF	Drawn By:	WLF
Checked By:	CTC Jr.	Proj. Eng.:	CTC Jr.
Sheet Title:	SITE PLAN		
Date:	12/18/09	Sheet:	1
Scale:	1" = 100'	OF 2	



**SECTION A**  
HORIZONTAL SCALE: 1" = 50'  
VERTICAL SCALE: 1" = 5'



**SECTION B**  
HORIZONTAL SCALE: 1" = 50'  
VERTICAL SCALE: 1" = 5'



**SECTION C**  
HORIZONTAL SCALE: 1" = 50'  
VERTICAL SCALE: 1" = 5'

No.	Revision/Issue	Date


  
 Signature: *C. Trus Clayton, Jr.*  
 Date: 12/31/09


**Clayton Sr. P.E., Inc.**  
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 PHONE: 919-802-7070 FAX: 919-802-6187  
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**BLAYLOCK GRADING  
LCID LANDFILL**

HARNETT COUNTY, NORTH CAROLINA

Project No:	140001	File Name:	140001 MAS.dwg
Designed By:	WLF	Drawn By:	WLF
Checked By:	CTC Jr.	Proj. Eng.:	CTC Jr.

**SECTIONS**

Date:	12/18/09	Sheet:	2
Scale:	AS NOTED		OF 2

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