



ENGINEERING CONSULTANTS, INC.

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

P.O. Box 18846 • Zip 27419-8846 • 313 Gallimore Dairy Road • Greensboro, NC 27409 • p 336.668.0093 • f 336.668.3868

LCIDN34-AA Permit Piney Hill  
Acres

RALEIGH  
RECEIVED  
N.C. Dept of ENR  
APR 15 2006  
Winston-Salem  
Regional Office

CENTRAL FILES  
PERMIT # 34-AA (LCID)  
Formerly 34-90-16  
Since  
1983

April 14, 2006

Mr. Tim Jewett  
Solid Waste Section  
North Carolina Department of Environment and Natural Resources  
585 Waughtown Street  
Winston-Salem, North Carolina 27107-2275

Reference: **Current Elevation of Landfill Excavation  
Piney Hill Acres LCID Landfill - Solid Waste Permit Number 34-AA  
2081 Piney Grove Road  
Kernersville, North Carolina  
Trigon Project No. 042-06-002**

Dear Mr. Jewett:

On March 30, 2005 Trigon submitted information with the subsequent request for modification of the solid waste permit dated May 13, 2003. The requested modification was to excavate the bottom of the landfill to an elevation of 810 feet. On October 17, 2005 the Division of Waste Management (DWM) approved the modification to the permit.

The purpose of this letter is to respond to Mr. Jason Watkins's of DWM, request in January 2006. Trigon is providing information to document that the bottom elevation of the landfill is in compliance with the permit prior to placing LCID materials in the remaining area of the landfill. Trigon Engineering Consultants, Inc. (Trigon) visited the referenced site on April 7, 2006 for the purpose of determining the topographic elevation of the lowest excavated areas within the bottom of the landfill. The lowest elevation within the landfill was determined to be 816.09 feet above mean sea level. The result of our survey efforts indicates that the lowest portions of the bottom of the landfill are approximately 8 feet above the lowest approved elevation of 810 feet.

*Thank you for our success.*

Please contact Chris Hay if you have any questions or require additional information.

Very truly yours,

**TRIGON ENGINEERING CONSULTANTS, INC.**



Christopher W. Hay, E.I.  
Natural Resources Manager



John M. Stewart, P.G.  
Senior Registered Geologist

CWH/JMS:mes

Cc: Mr. David Lawson – Piney Hill Acres LCID Landfill  
Mr. Jason Watkins – NCDENR DWM

s:\0420\projects\2006\L4206002.doc



Letter file



NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor  
William G. Ross Jr., Secretary

October 17, 2005

David L. Lawson  
Piney Hill Acres LCID Landfill  
2081 Piney Grove Road  
Kernersville, North Carolina 27284

Re: Piney Hill Acres Land Clearing and Inert Debris Landfill  
2081 Piney Grove Road  
Kernersville, Forsyth County, North Carolina  
Permit No. **34-AA**

Dear Mr. Lawson:

Enclosed is a modified Solid Waste Permit to Construct and Operate for the above referenced Land Clearing & Inert Debris (LCID) landfill. The modified permit is issued in reliance of documentation submitted to this office dated March 30, 2005. The issuance of this permit does not exempt an applicant from any local ordinances that may regulate a facility. The permit holder is responsible for compliance with any applicable ordinance.

In reviewing the attached permit, please note the following:

1. Permit Condition No. 15.a requires a pre-operative meeting to address the pre-operative conditions that need to be met prior to operation.
2. Permit Condition 15.c lists items that need to be submitted prior to placement of waste in excavated areas.
3. Please note that your permit number has been changed to **34-AA** to be consistent with the permitting format used by the Division of Waste Management. Please use the new permit number with any future correspondence.

Please contact James Beale, Environmental Technician, when you are ready to schedule this meeting. Mr. Beale can be reached at (704) 663-1699 ext. 205. If you have questions about your permit, please contact me at (919) 508-8504.

Sincerely,

Geoffrey H. Little  
Environmental Engineer  
Solid Waste Section

c: Jim Coffey, DWM  
Ed Mussler, DWM  
Jason Watkins, DWM

James Beale, DWM  
Brent Rockett, DWM  
Christopher Hay, Trigon Engineering Consultants, Inc.

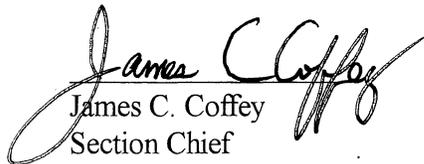
## SOLID WASTE PERMIT

David L. Lawson and Betty B. Lawson - Landowners  
David L. Lawson - Operator

are hereby issued a permit to CONSTRUCT & OPERATE a

## LAND CLEARING AND INERT DEBRIS LANDFILL

located at 2081 Piney Grove Road (SR 1969) between SR 2015 and SR 2052, in Kernersville, Forsyth County, North Carolina in accordance with Article 9, Chapter 130A of the General Statutes of North Carolina and all rules promulgated thereunder and subject to the conditions set forth in this permit. The facility is located and described by the legal description in the permit application and the site drawings.

  
James C. Coffey  
Section Chief  
Solid Waste Section

## ATTACHMENTS

1. Original permit submittal document titled "Land Clearing and Inert Debris Landfill Application, Piney Hill Acres, 2081 Piney Grove Road, Kernersville, North Carolina," dated 15 January 2002 and prepared by Trigon Engineering Consultants, Inc. Original submittal documents include the application narrative, soil test pit records, Zoning Approval (dated 24 April 1997), Site Operations and Maintenance Plan, Property Deeds, and the Erosion Control Plan.
2. Fax transmittal from Trigon Engineering Consultants, Inc. dated 7 February 2002 showing the site within the East Belews Creek Watershed identified by the Natural Heritage Program as a significant natural area under private ownership.
3. Wetlands and Endangered Species Survey Report dated 25 April 2002 from Trigon Engineering Consultants, Inc. indicating that no endangered or threatened species or habitat would be affected by the proposed LCID landfill.
4. Letter dated 5 June 2002 issued by Forsyth County for Erosion Control Plan approval.
5. Submittal received 11 June 2002 from Trigon Engineering Consultants, Inc. including additional copy of the Wetlands and Endangered Species Survey (dated 25 April 2002); Development Permit from the Winston-Salem/Forsyth County Inspections Division (dated 6 June 2002); and letter dated 23 May 2002 from the NCDOT regarding the requirement of a driveway permit.
6. Letter dated 13 May 2003 from Trigon Engineering Consultants, Inc. including modified drawings 6 and 7 and a new drawing #8 to support a request to allow excavation of base grades below the contours previously approved in September 2002.
7. Letter from Trigon Consultants dated March 30, 2005, addressed to Tim Jewett, Solid Waste Section, requesting approval to excavate to a maximum depth of 12 feet below the lowest existing elevation along with a copy of Drawing 015-04-121-3 showing the location of the additional cut area, Cross-Section A-A' (Drawing 011-01-083-6) and Cross-Section B-B' ((Drawing 011-01-083-7) demonstrating the bottom cut elevation of 810 feet.

## CONDITIONS OF PERMIT

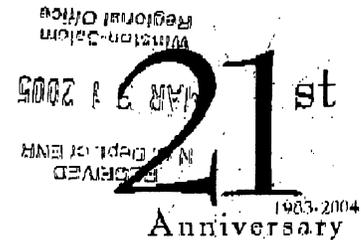
8. This permit is for the modification of approved bottom grade of the existing fill area. The permit duration will continue as the previous permit and shall remain set to expire on 04 September 2007.
  - a. This permit is for the construction and operation of the landfill totaling approximately 3.9 acres, according to the approved plans prepared by Trigon Engineering Consultants, Inc. dated 15 January 2002, and modified 13 May 2003 and 30 March 2005 as shown in the Attachment.
  - b. Any changes in the facility not shown in the approved plans must be submitted to the North Carolina Solid Waste Section for review and approval prior to construction or implementation of the change.
9. Amendments or revisions to the NC Solid Waste Management Rules or any violation of groundwater standards may necessitate modification of the approved plans or closure of the facility.
10. When this property is sold, leased, conveyed, or transferred, the deed or other instrument of transfer shall contain in the deed description section in no smaller type than that used in the body of the deed or instrument a statement that the property has been used as a land clearing and inert debris landfill.
11. This facility is permitted to receive land clearing waste, yard trash, untreated and unpainted wood, and inert debris such as rock, brick, concrete, concrete block, and uncontaminated soil.
  - a. Waste acceptance requirements may be affected by future revisions and amendments to the NC General Statutes, or to the NC Solid Waste Management Rules.
12. Waste shall be placed a minimum of four (4) feet above the seasonal high water table.
13. This facility shall conform to the operational requirements of the NC Solid Waste Management Rules, 15A NCAC 13B .0566, to the operational plan required by 15A NCAC 13B .0565(4) prepared by Trigon Engineering Consultants, Inc. dated 15 January 2002, and to the excavation plan prepared by Trigon dated 13 May 2003 and revised 30 March 2005.
14. This permit is not transferable.
15. The following requirements shall be met prior to receiving solid waste, at the site:
  - a. A representative of the Solid Waste Section shall conduct a site inspection and hold a pre-operative meeting.
  - b. A sign shall be posted at the entrance as required by the NC Solid Waste Management Rules Operational Requirements, 15A NCAC 13B .0566 (16).
  - c. A certification letter, from a Registered Professional Engineer (Design Engineer typically), shall be submitted to the Section stating that the facility has been constructed in accordance with the approved plans.

- d. Survey stakes or other permanent markers shall be installed to delineate the landfill limits. Only the placement of clean soil shall be allowed in the buffer zones while the LCID landfill is active.
  - e. The stormwater pipe under Piney Grove Road shall be closed according to the agreement made between Mr. David L. Lawson and the NCDOT (see Section 3.3 and Appendix F of the permit application).
16. Ground water quality at this facility is subject to the classification and remedial action provisions of 15 NCAC 2L.
  17. An approved sedimentation and erosion control plan shall be obtained prior to the beginning of earth disturbing activities and all such activities shall be conducted in accordance with the Sedimentation Pollution Control Act of 1973 (15 NCAC 4) along with any other state, federal or local requirements.
  18. Side slope dimensions for the landfill shall be 3 (horizontal) to 1 (vertical) or flatter as required by the Solid Waste Management Rules.
  19. Open burning of land clearing waste is prohibited.

- End of Permit Conditions -



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March 30, 2005

Mr. Tim Jewett  
 Solid Waste Section  
 North Carolina Department of Environment and Natural Resources  
 585 Waighton Street  
 Winston-Salem, North Carolina 27107-2275

Reference: **Request for Modification to Solid Waste Permit Number 34AA  
 Piney Hill Acres LCID Landfill  
 2081 Piney Grove Road  
 Kernersville, North Carolina  
 Trigon Project No. 015-04-121**

Dear Mr. Jewett:

Trigon Engineering Consultants, Inc. (Trigon) is requesting approval to excavate additional materials from the bottom of the referenced LCID landfill as approved under Solid Waste Permit Number 34AA. The purpose for the modification is the property owner/LCID landfill operator's desire to excavate portions of the footprint of the landfill prior to placing fill materials. The intent of this letter is to request that the existing permit be modified to allow additional excavation within the footprint of the landfill.

March 12, 2005 test pit 4 was excavated in the vicinity of the former Test Pit 2 to a depth of 16 feet below ground surface. Trigon visually observed the soils excavated from the test pit including the sidewalls and bottom. No evidence of encountering the vadose zone or groundwater table was observed in the soils, and no water was present in the test pit two days after it was excavated. Based on recent hydrological conditions, we believe a maximum depth of excavation of 12 feet below the lowest existing elevations of the landfill will remain 4 feet above the seasonal high water table. As requested in your March 29, 2005 voice

*Thank you for our success.*

*Mr. Tim Jewett, Solid Waste Section  
Piney Hill Acres, Kernersville, North Carolina*

*March 30, 2005  
Trigon Project No. 015-04-121*

mail message, a drawing has been attached showing the final elevations of the landfill with the requested modification (Drawing 015-04-121-3).

Trigon appreciates your consideration of our proposed modifications to the existing permit. Please contact Chris Hay if you have any questions or require additional information.

Very truly yours,

**TRIGON ENGINEERING CONSULTANTS, INC.**

Andy Nunnery  
Environmental Scientist

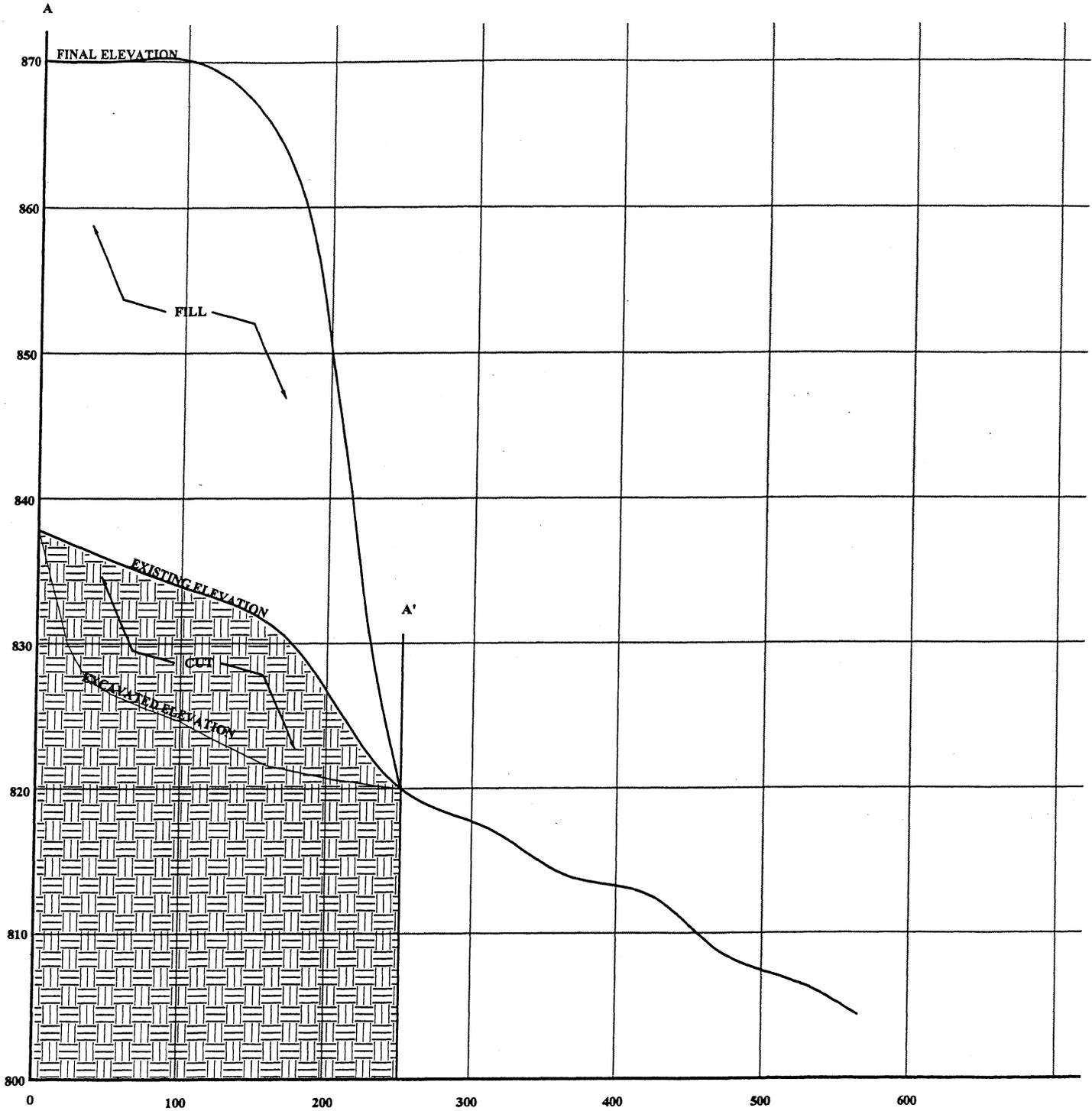
  
Christopher W. Hay, E.I.  
Engineering Manager

JAN/CWH:mes

Cc: Mr. David Lawson -- Piney Hill Acres LCID Landfill

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ENGINEERING CONSULTANTS, INC.  
 313 GALLIMORE DAIRY RD.  
 GREENSBORO, N.C. (336)-668-0093

# CROSS-SECTION A - A'

PINEY HILL ACRES LCID LANDFILL  
 KERNERSVILLE, NORTH CAROLINA

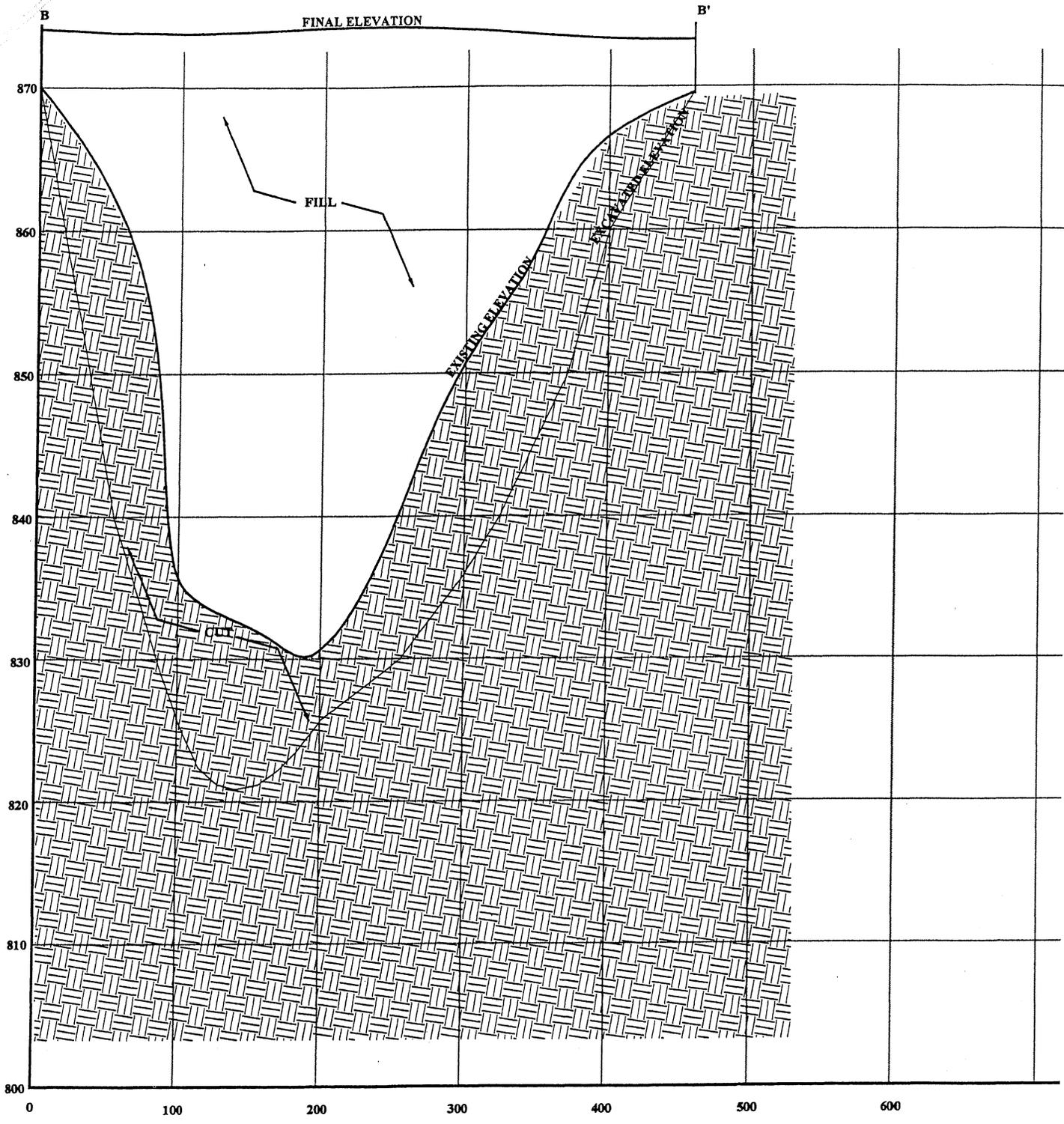
Date 5/12/03

Drawn by CWH

Scale 1" = 100' Horiz.  
 Scale 1" = 10' Vert.

Drawing No. 011-01-083-6

8/14/97



ENGINEERING CONSULTANTS, INC.  
313 GALLIMORE DAIRY RD.  
GREENSBORO, N.C. (336)-668-0093

## CROSS-SECTION B - B'

**PINEY HILL ACRES LCID LANDFILL**  
**KERNERSVILLE, NORTH CAROLINA**

Date 5/12/03

Drawn by CWH

Scale 1" = 100' Horiz.  
Scale 1" = 10' Vert.

Drawing No. 011-01-083-7

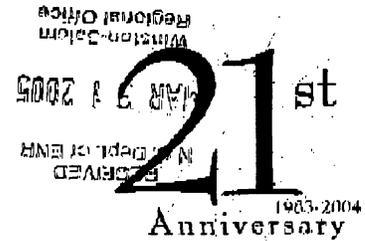
8/14/97





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March 30, 2005

Mr. Tim Jewett  
Solid Waste Section  
North Carolina Department of Environment and Natural Resources  
585 Waughton Street  
Winston-Salem, North Carolina 27107-2275

Reference: **Request for Modification to Solid Waste Permit Number 34AA  
Piney Hill Acres LCID Landfill  
2081 Piney Grove Road  
Kernersville, North Carolina  
Trigon Project No. 015-04-121**

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*Mr. Tim Jewett, Solid Waste Section  
Piney Hill Acres, Kernersville, North Carolina*

*March 30, 2005  
Trigon Project No. 015-04-121*

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Very truly yours,

**TRIGON ENGINEERING CONSULTANTS, INC.**

Andy Nunnery  
Environmental Scientist

  
Christopher W. Hay, E.I.  
Engineering Manager

JAN/CWH:mes

Cc: Mr. David Lawson -- Piney Hill Acres LCID Landfill

*x:\0150\projects\2004\01504121b.doc*

JERRY VOLPE VILLY AND PARTNERS  
1115 W. 10TH ST.  
DALLAS, TX 75201  
ZONED RS-40

DAVID L. & W. BETTILANSON  
512 S. 517 LOT 10E  
ZONED RS-40

ADAM R. LEVINS  
204 S. 517 LOT 10E  
ZONED RS-40

DAVID L. & W. BETTILANSON  
512 S. 517 LOT 10E  
ZONED RS-40

DAVID L. & W. BETTILANSON  
512 S. 517 LOT 10E  
ZONED RS-40

PATY JOHNSON  
512 S. 517 LOT 10E  
ZONED RS-40

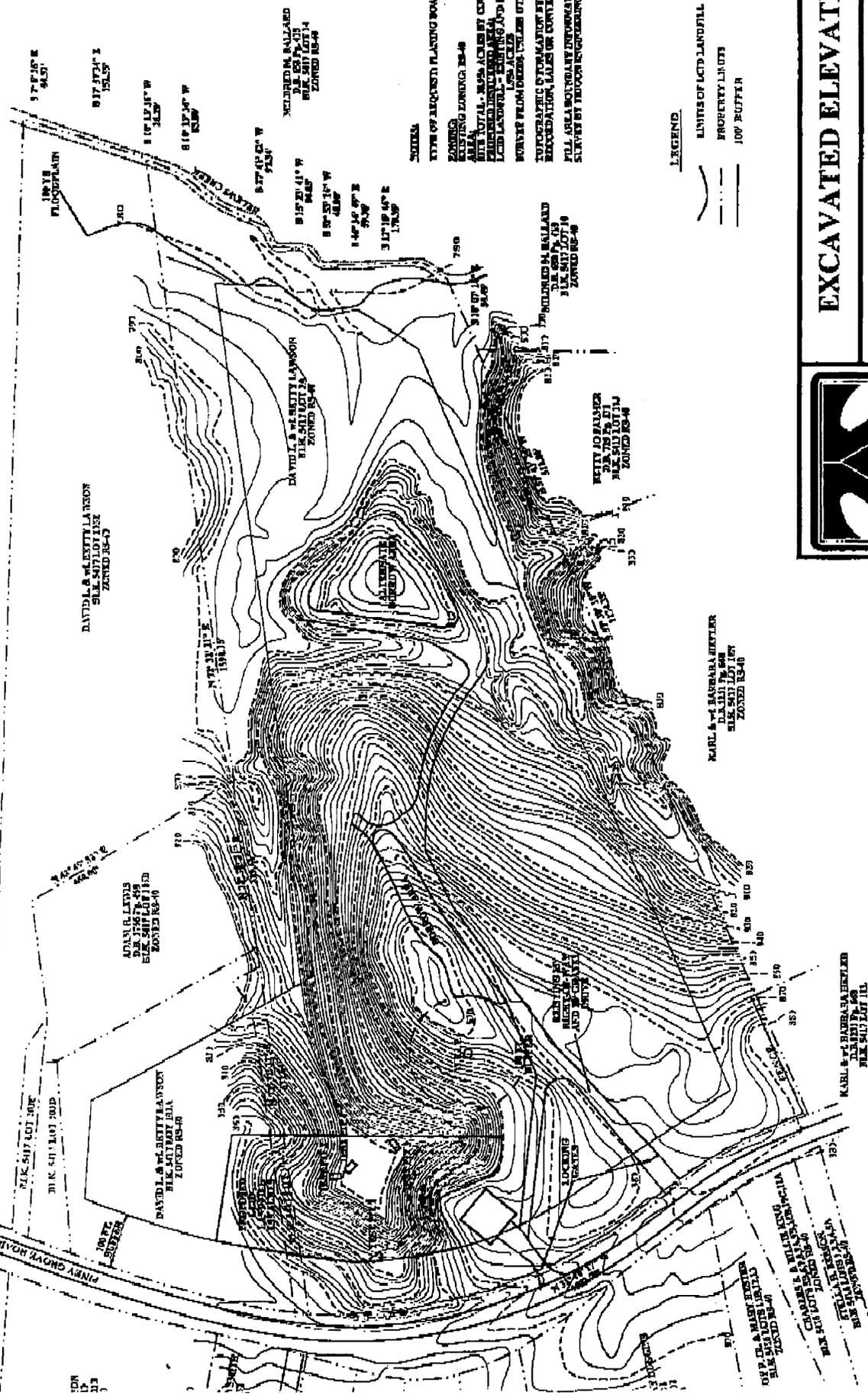
KARL & P. BARBARA HERTLER  
512 S. 517 LOT 10E  
ZONED RS-40

KARL & P. BARBARA HERTLER  
512 S. 517 LOT 10E  
ZONED RS-40

ORVILLE & MARY ESTER  
512 S. 517 LOT 10E  
ZONED RS-40

CHARLES & WILKIE KNOX  
512 S. 517 LOT 10E  
ZONED RS-40

ETHEL & KENNETH  
512 S. 517 LOT 10E  
ZONED RS-40

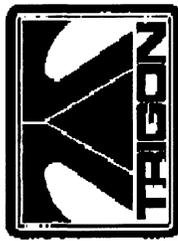


**NOTES**

- TYPE OF REQUEST: PLANNING BOARD REVIEW
- ZONING: EXISTING ZONING: RS-40
- AREA TOTAL: 8.98 ACRES BY COORDINATES
- EXHIBIT: 1.00 ACRES BY COORDINATES
- LANDFILL: 1.00 ACRES BY COORDINATES
- LOSS ACRES: 1.00 ACRES BY COORDINATES
- FORSEY PLANNING BOARD: 07/28/05
- TOPOGRAPHIC INFORMATION BY OTHERS: NOT FOR REPRODUCTION, SALES OR DISTRIBUTION
- ALL AREAS SUBJECT TO REVISIONS PER FIELD SURVEY BY TRIGON CONSULTANTS, INC.

**LEGEND**

- LIMITS OF LANDFILL
- PROPERTY LINES
- 100' BUFFER



ENGINEERING CONSULTANTS, INC.

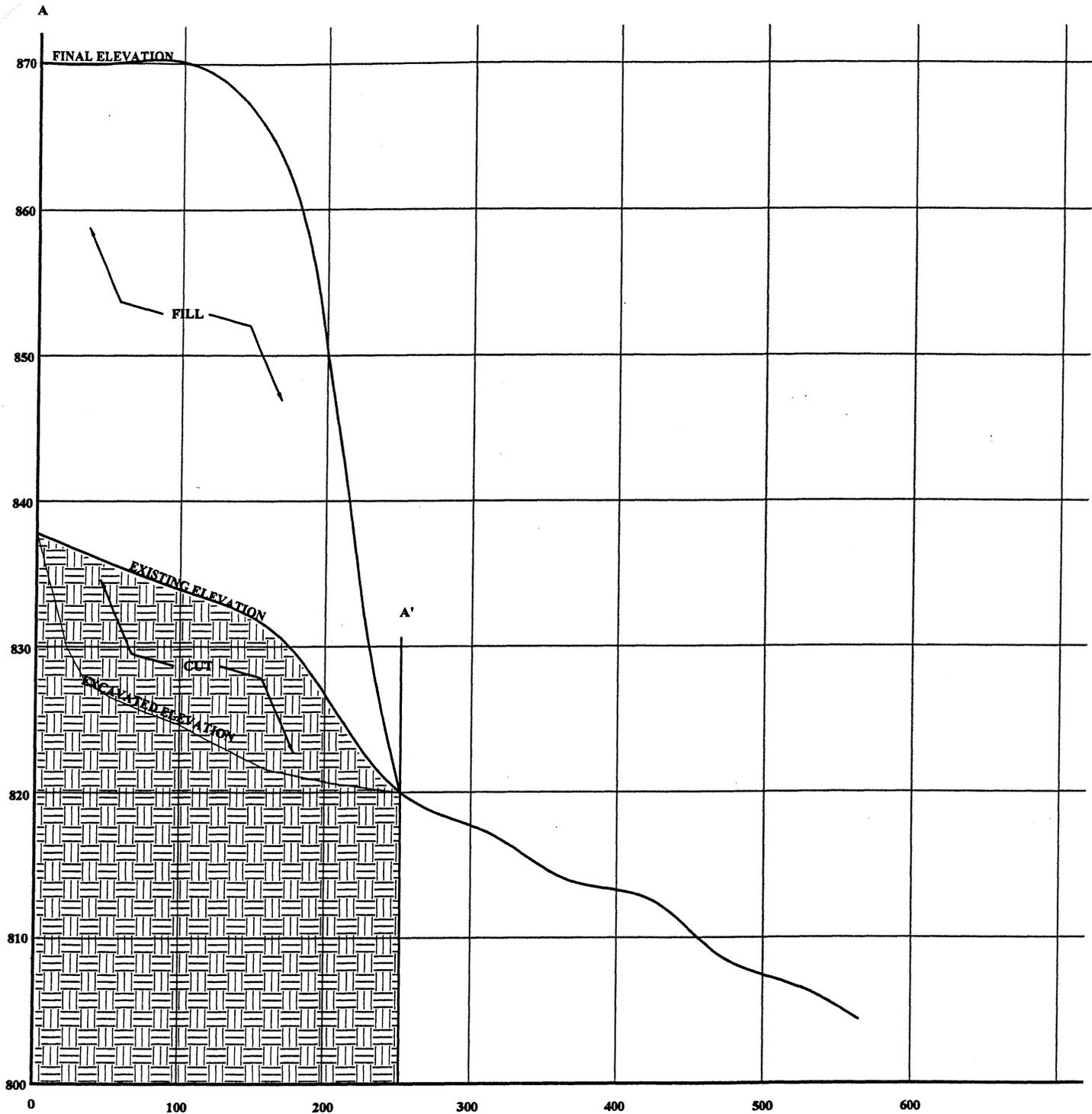
# EXCAVATED ELEVATION

## PINEY HILL ACRES LCID LANDFILL KERNERSVILLE, NORTH CAROLINA

Date: 3/24/05  
Drawn by: CW11

Scale: 1" = 200'  
Drawing No.: 015-04-121-3





ENGINEERING CONSULTANTS, INC.  
 313 GALLIMORE DAIRY RD.  
 GREENSBORO, N.C. (336)-668-0093

# CROSS-SECTION A - A'

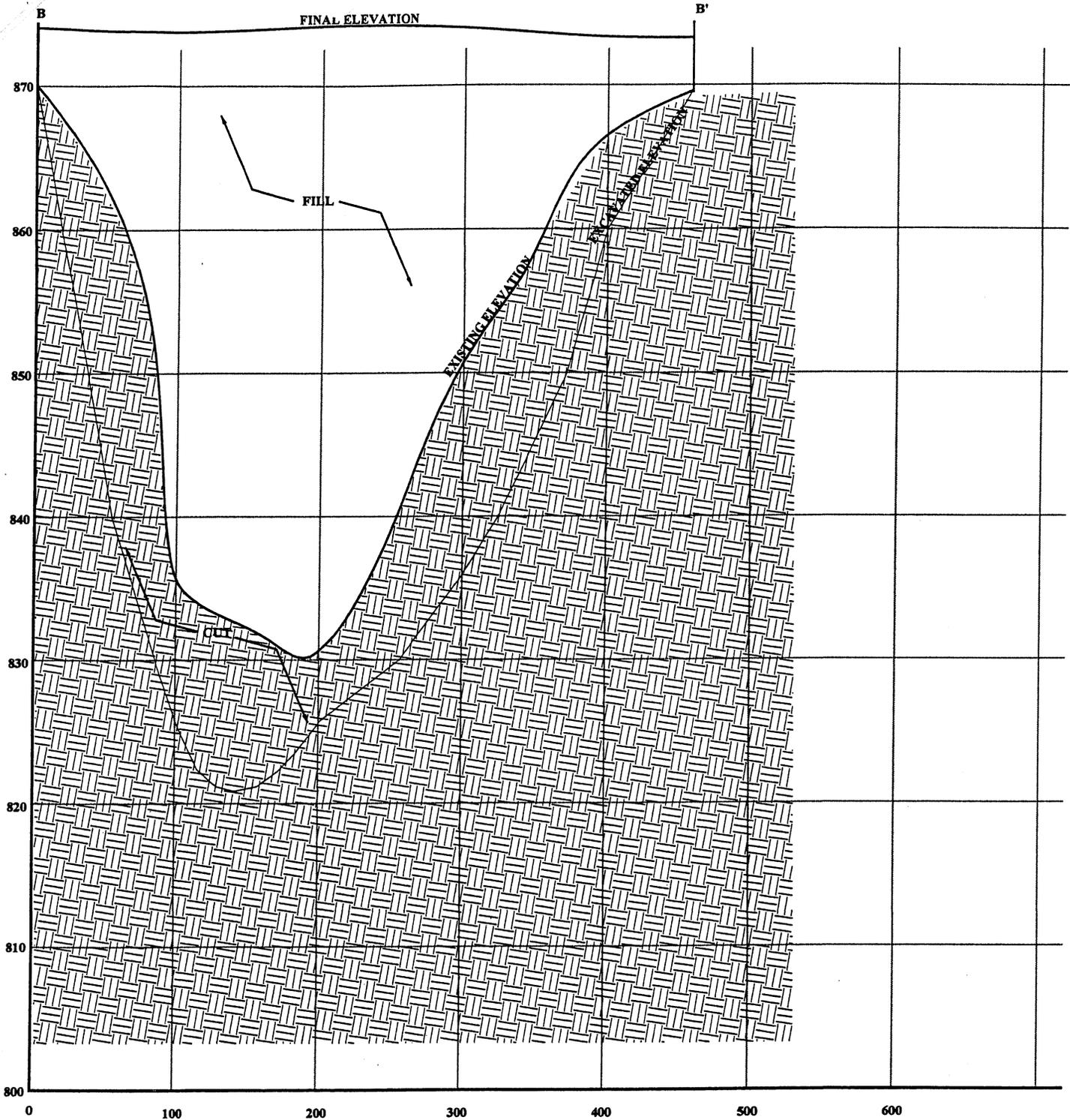
PINEY HILL ACRES LCID LANDFILL  
 KERNERSVILLE, NORTH CAROLINA

Date 5/12/03

Drawn by CWH

Scale 1" = 100' Horiz.  
 Scale 1" = 10' Vert.

Drawing No. 011-01-083-6



ENGINEERING CONSULTANTS, INC.  
 313 GALLIMORE DAIRY RD.  
 GREENSBORO, N.C. (336)-668-0093

## CROSS-SECTION B - B'

PINEY HILL ACRES LCID LANDFILL  
 KERNERSVILLE, NORTH CAROLINA

Date 5/12/03

Drawn by CWH

Scale 1" = 100' Horiz.  
 Scale 1" = 10' Vert.

Drawing No. 011-01-083-7

8/14/97





ENGINEERING CONSULTANTS, INC.

RECEIVED  
N.C. Dept. of ENV

MAR 18 2005

Winston-Salem  
Regional Office21<sup>st</sup>  
Anniversary  
1983-2004[www.trigoneng.com](http://www.trigoneng.com)

P.O. Box 18846 • Zip 27419-8846 • 313 Gallimore Dairy Road • Greensboro, NC 27409 • p 336.668.0093 • f 336.668.3868

March 15, 2005

Mr. Tim Jewett  
Solid Waste Section  
North Carolina Department of Environment and Natural Resources  
585 Waighton Street  
Winston-Salem, North Carolina 27107-2275

Reference: **Request for Modification to Solid Waste Permit Number 34-90-16  
Piney Hill Acres LCID Landfill  
2081 Piney Grove Road  
Kernersville, North Carolina  
Trigon Project No. 015-04-121**

Dear Mr. Jewett:

Trigon Engineering Consultants, Inc. (Trigon) is requesting approval to excavate additional materials from the bottom of the referenced LCID landfill as approved under Solid Waste Permit Number 34-90-16. The purpose for the modification is the property owner/LCID landfill operator's desire to excavate portions of the footprint of the landfill prior to placing fill materials. The intent of this letter is to request that the existing permit be modified to allow additional excavation within the footprint of the landfill.

March 12, 2005 a test pit was excavated in the vicinity of the former Test Pit 2 to a depth of 16 feet below ground surface. Trigon visually observed the soils excavated from the test pit including the sidewalls and bottom. No evidence of encountering the vadose zone or groundwater table was observed in the soils, and no water was present in the test pit two days after it was excavated. Based on recent hydrological conditions, we believe a maximum depth of excavation of 12 feet below the lowest existing elevations of the landfill will remain 4 feet above the seasonal high water table.

*Thank you for our success.*

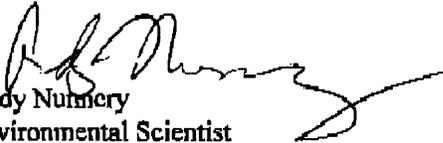
*Mr. Tim Jewett, Solid Waste Section  
Piney Hill Acres, Kernersville, North Carolina*

*March 15, 2005  
Trigon Project No. 015-04-121*

Trigon appreciates your consideration of our proposed modifications to the existing permit. Please contact Chris Hay if you have any questions or require additional information.

Very truly yours,

**TRIGON ENGINEERING CONSULTANTS, INC.**

  
Andy Numery  
Environmental Scientist

  
Christopher W. Hay, E.I.  
Engineering Manager

CWH

Cc: Mr. David Lawson – Piney Hill Acres LCID Landfill

*s:\0150\projects\2004\01504121b.doc*



**SOLID WASTE SECTION  
FACILITY DATABASE TRACKING FORM**

Date entered: \_\_\_\_\_

Circle One: Add New Facility

Edit Existing Facility  
SW SITES TABLE

Add C&D Unit

PERMIT NUM: (10) 34-AA (Formerly 34-90-16 in RCO file room)  
 SITE NAME: (40) PINEY HILL ACRES LAND CLEARING & Inert Debris Landfill  
 SITE ADDRESS: (30) 2081 PINEY GROVE ROAD  
 SITE CITY: (25) KERNERSVILLE COUNTY: FORSYTH

FACILITY TYPE TABLE

- FACILITY TYPE: (circle one)
- MSWLF
  - CDLF
  - INCIN-M (Medical Waste)
  - INCIN-I (Industrial Incinerator)
  - INCIN (MSW Incinerator)
  - INDUSTRIAL
  - TRANSFER
  - MWP (This is same as MRF)
  - TP (Note: a C&D MRF should be treated as a MWP Facility)
  - COMPOST
  - LCID
  - TIRELF
  - TIRETP
  - HHW

*Perhaps we need to  
Combine the old permit  
file (34-90-16) with  
the new NCDEMR permit  
34-AA. ASK B.J.?*

*T.J.*

FACILITY INFO TABLE

STATUS: OPEN CLOSURE: \_\_\_\_\_  
 LINED: YES NO  
 PUB/PRIV: PUBLIC PRIVATE  
 REGIONAL: YES NO  
 IF REGIONAL, LIST COUNTIES \_\_\_\_\_

APPLICANT TABLE

APPLICANT NAME: (25) DAVID L. LAWSON  
 APPLICANT TITLE: (30) OWNER/PRESIDENT  
 APPLICANT ROAD: (30) 2081 PINEY GROVE ROAD  
 APPLICANT CITY: (20) KERNERSVILLE STATE: (2) NC ZIP: (10) 27284  
 APPLICANT PHONE: 336-996-1023 APPLICANT FAX: NONE  
 CONTACT NAME: (25) \_\_\_\_\_  
 CONTACT TITLE: (30) SAME AS ABOVE  
 CONTACT ROAD: (30) \_\_\_\_\_  
 CONTACT CITY: (20) \_\_\_\_\_ STATE: (2) \_\_\_\_\_ ZIP: (10) \_\_\_\_\_  
 CONTACT PHONE: \_\_\_\_\_ CONTACT FAX: \_\_\_\_\_  
 OPERATOR NAME: (25) \_\_\_\_\_  
 OPERATOR TITLE: (30) SAME AS ABOVE  
 OPERATOR ROAD: (30) \_\_\_\_\_  
 OPERATOR CITY: (20) \_\_\_\_\_ STATE: (2) \_\_\_\_\_ ZIP: (10) \_\_\_\_\_

Signature: Timothy A. Jewett Date completed: 1/28/2004

North Carolina  
Department of Environment and Natural Resources  
Division of Waste Management



Michael F. Easley, Governor  
William G. Ross Jr., Secretary  
Dexter R. Matthews, Director

January 28, 2004

Mr. David L. Lawson  
Piney Hill Acres LCID Landfill  
2081 Piney Grove Road  
Kernersville, North Carolina 27284

Re: Piney Hill Acres Land Clearing and Inert Debris Landfill at 2081 Piney Grove Road,  
Kernersville, Forsyth County, North Carolina. Permit No. 34-AA

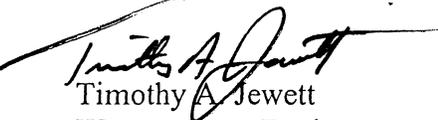
Dear Mr. Lawson:

Enclosed please find a modified Solid Waste Permit and Conditions of the Solid Waste Permit for the above referenced Land Clearing & Inert Debris (LCID) landfill. This is a PERMIT TO CONSTRUCT & OPERATE in accordance with the approved plans. The issuance of this permit does not exempt an applicant from any local ordinances that may regulate a facility and the responsibility of compliance with any applicable ordinance lies with the permit holder.

Please note Condition No. 9, which requires that we hold a pre-operative meeting and that outlines the pre-operative conditions that need to be met prior to operation and especially Conditions 9(c) and (e) that need to be submitted prior to any further placement of waste in excavated areas. In addition, please note that your permit number has been changed to 34-AA to coincide with the permitting format used by the Division of Waste Management. Please use the new permit number with any future correspondence.

Please contact James Beale, Environmental Technician, when you are ready to schedule this meeting. Mr. Beale can be reached at (704) 663-1699 ext. 205. If you have questions about your permit, please contact me at (336) 771-4608 ext. 204.

Sincerely,

  
Timothy A. Jewett  
Western Area Engineer  
Solid Waste Section

cc: Jim Coffey, SWS  
Brent Rockett, SWS  
James Beale, SWS  
Raleigh Central File: Permit No. 34-AA (formerly 34-90-16): Forsyth County file

1646 Mail Service Center, Raleigh, North Carolina 27699-1646  
Phone: 919-733-0692 \ FAX: 919-733-4810 \ Internet: www.enr.state.nc.us/

North Carolina  
Department of Environment and Natural Resources  
Division of Waste Management



Michael F. Easley, Governor  
William G. Ross Jr., Secretary  
Dexter R. Matthews, Director

PERMIT NUMBER: 34-AA  
DATE ISSUED: May 15, 2001  
DATE AMENDED: September 4, 2002  
DATE MODIFIED: January 28, 2004

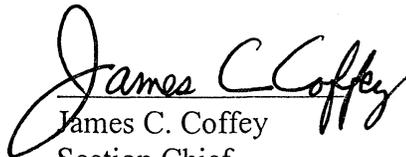
### SOLID WASTE PERMIT

David L. Lawson and Betty B. Lawson - Landowners  
David L. Lawson - Operator

are hereby issued a permit to CONSTRUCT & OPERATE a

### LAND CLEARING AND INERT DEBRIS LANDFILL

located at 2081 Piney Grove Road (SR 1969) between SR 2015 and SR 2052, in Kernersville, Forsyth County, North Carolina in accordance with Article 9, Chapter 130A of the General Statutes of North Carolina and all rules promulgated thereunder and subject to the conditions set forth in this permit. The facility is located and described by the legal description in the permit application and the site drawings.

  
James C. Coffey  
Section Chief  
Solid Waste Section

1646 Mail Service Center, Raleigh, North Carolina 27699-1646  
Phone: 919-733-0692 \ FAX: 919-733-4810 \ Internet: [www.enr.state.nc.us/](http://www.enr.state.nc.us/)

PERMIT NUMBER: 34-AA  
PERMIT ISSUED: 15 MAY 2001  
PERMIT AMENDED: 04 SEPTEMBER 2002  
PERMIT MODIFIED: 28 JANUARY 2004  
FACILITY NAME: PINEY HILL ACRES LAND CLEARING AND INERT DEBRIS (LCID)  
LANDFILL

CONDITIONS OF PERMIT

1. This permit is valid for a period of five years from date of issuance and shall **expire on 04 September 2007**. This permit is for the construction and operation of the landfill totaling approximately 3.9 acres, according to the approved plans prepared by Trigon Engineering Consultants, Inc. dated 15 January 2002 and modified 13 May 2003. Any future revisions of these approved plans must be approved by the North Carolina Solid Waste Section.
2. Amendments or revisions to the NC Solid Waste Management Rules or any violation of groundwater standards may necessitate modification of the approved plans or closure of the facility.
3. **This permit shall not be effective unless the certified copy is filed in the Register of Deeds office and indexed in the grantor index under the name of the owner of the land in the county or counties in which the land is located.** The certified copy of the permit, affixed with the Register's seal and the date, book, and page number of recording shall be returned to the Division of Solid Waste Management, within **THIRTY (30)** working days, from date received. Please send the recorded permit copy to:

SOLID WASTE SECTION  
585 WAUGHTOWN STREET  
WINSTON-SALEM, NORTH CAROLINA 27107-2241  
ATTN: TIM JEWETT

4. When this property is sold, leased, conveyed, or transferred, the deed or other instrument of transfer shall contain in the deed description section in no smaller type than that used in the body of the deed or instrument a statement that the property has been used as a land clearing and inert debris landfill.
5. This facility is permitted to receive land clearing waste, yard trash, untreated and unpainted wood, and inert debris such as rock, brick, concrete, concrete block, and uncontaminated soil. Waste acceptance requirements may be affected by future revisions and amendments to the NC General Statutes, or to the NC Solid Waste Management Rules.
6. Waste shall be placed a minimum of four (4) feet above the seasonal high water table.

PERMIT NUMBER: 34-AA

PERMIT ISSUED: 15 MAY 2001

PERMIT AMENDED: 04 SEPTEMBER 2002

PERMIT MODIFIED: 28 JANUARY 2004

FACILITY NAME: PINEY HILL ACRES LAND CLEARING AND INERT DEBRIS (LCID)  
LANDFILL

7. This facility shall conform to the operational requirements of the NC Solid Waste Management Rules, 15A NCAC 13B .0566, to the operational plan required by 15A NCAC 13B .0565(4) prepared by Trigon Engineering Consultants, Inc. dated 15 January 2002, and to the excavation plan prepared by Trigon dated 13 May 2003.
8. This permit is not transferable.
9. The following requirements shall be met **prior** to receiving solid waste, at the site:
  - a. A representative of the Solid Waste Section shall conduct a site inspection and hold a pre-operative meeting.
  - b. A sign shall be posted at the entrance as required by the NC Solid Waste Management Rules Operational Requirements, 15A NCAC 13B .0566 (16).
  - c. A certification letter, from a Registered Professional Engineer (Design Engineer typically), shall be submitted to the Section stating that the facility has been constructed in accordance with the approved plans.
  - d. Survey stakes or other **permanent** markers shall be installed to delineate the landfill limits. Only the placement of clean soil shall be allowed in the buffer zones while the LCID landfill is active.
  - e. The stormwater pipe under Piney Grove Road shall be closed according to the agreement made between Mr. David L. Lawson and the NCDOT (see Section 3.3 and Appendix F of the permit application).
10. Ground water quality at this facility is subject to the classification and remedial action provisions of 15 NCAC 2L.
11. An approved sedimentation and erosion control plan shall be obtained prior to the beginning of earth disturbing activities and all such activities shall be conducted in accordance with the Sedimentation Pollution Control Act of 1973 (15 NCAC 4) along with any other state, federal or local requirements.
12. Side slopes for the landfill shall 3 (horizontal) to 1 (vertical) or flatter as required by the Solid Waste Management Rules.
13. Open burning of land clearing waste is PROHIBITED.

## ATTACHMENTS

1. Original permit submittal document titled A Land Clearing and Inert Debris Landfill Application, Piney Hill Acres, 2081 Piney Grove Road, Kernersville, North Carolina@ dated 15 January 2002 and prepared by Trigon Engineering Consultants, Inc. Original submittal documents include the application narrative, soil test pit records, Zoning Approval (dated 24 April 1997), Site Operations and Maintenance Plan, Property Deeds, and the Erosion Control Plan.
2. Fax transmittal from Trigon Engineering Consultants, Inc. dated 7 February 2002 showing the site within the East Belews Creek Watershed identified by the Natural Heritage Program as a significant natural area under private ownership.
3. Wetlands and Endangered Species Survey Report dated 25 April 2002 from Trigon Engineering Consultants, Inc. indicating that no endangered or threatened species or habitat would be affected by the proposed LCID landfill.
4. Letter dated 5 June 2002 issued by Forsyth County for Erosion Control Plan approval.
5. Submittal received 11 June 2002 from Trigon Engineering Consultants, Inc. including additional copy of the Wetlands and Endangered Species Survey (dated 25 April 2002), Development Permit from the Winston-Salem/Forsyth County Inspections Division (dated 6 June 2002), and letter dated 23 May 2002 from the NCDOT regarding the requirement of a driveway permit.
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LCID FILE:  
PERMIT #34-AA  
(FORSYTH CO.)

Hey Tim,  
I really appreciate  
you taking time to  
get my permit  
modified.

THANKS AGAIN  
David Lawson

North Carolina  
Department of Environment and Natural Resources  
Division of Waste Management



Michael F. Easley, Governor  
William G. Ross Jr., Secretary  
Dexter R. Matthews, Director

RECEIVED  
N.C. Dept. of E.N.R.  
FEB 19 2004  
Winston-Salem  
Regional Office

PERMIT NUMBER: 34-AA  
DATE ISSUED: May 15, 2001  
DATE AMENDED: September 4, 2002  
DATE MODIFIED: January 28, 2004

FORSYTH CO, NC 147 FEE: \$ 26.00  
PRESENTED & RECORDED: 02/17/2004 11:57AM  
DICKIE C. WOOD REGISTER OF DEEDS BY: WILLIA  
BK2445 P2923 - P2927

**SOLID WASTE PERMIT**

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David L. Lawson - Operator

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DAVID LAWSON  
2081 PINEY GROVE Rd.  
KERNERSVILLE N.C.  
27284

*James C Coffey*  
James C. Coffey  
Section Chief  
Solid Waste Section

1646 Mail Service Center, Raleigh, North Carolina 27699-1646  
Phone: 919-733-0692 \ FAX: 919-733-4810 \ Internet: www.enr.state.nc.us/

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LANDFILL

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6. Letter dated 13 May 2003 from Trigon Engineering Consultants, Inc. including modified drawings 6 and 7 and a new drawing #8 to support a request to allow excavation of bas grades below the contours previously approved in September 2002.

**CERTIFIED COPY OF SOLID WASTE PERMIT**

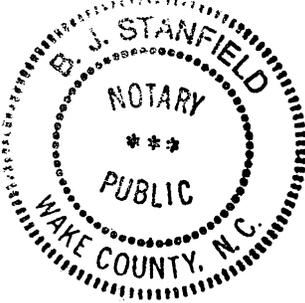
I do hereby certify that the attached permit is an exact and true copy of Permit Number 34-AA.

James C. Coffey  
James C. Coffey  
Section Chief  
Solid Waste Section

North Carolina  
Wake County

I, B. J. Stanfield, a Notary Public for said County and State, do hereby certify that James C. Coffey, Supervisor, Permitting Branch, personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and seal, this the 30 day of January, 2004



B. J. Stanfield  
Notary Public

My commission expires DECEMBER 29, 2004.

STATE OF NC - FORSYTH CO

The foregoing certificate(s) of:

B. J. Stanfield NP(s)

is certified to be correct at the date of recordation shown on the first page thereof.

Dickie C. Wood, Register of Deeds by: [Signature] Deputy/Asst.





ENGINEERING CONSULTANTS, INC.

P.O. Box 18846 • Zip 27419-8846 • 313 Gallimore Dairy Road • Greensboro, NC 27409 • (336) 668-0093 • FAX (336) 668-3868

Winston-Salem  
Regional Office

**20<sup>th</sup>**  
1983-2003  
Anniversary

May 13, 2003

Mr. Tim Jewett  
Solid Waste Section  
North Carolina Department of Environment and Natural Resources  
585 Waughton Street  
Winston-Salem, North Carolina 27107-2275

**APPROVED**  
DIVISION OF WASTE MANAGEMENT  
SOLID WASTE SECTION  
DATE 1/29/2004 BY TAD  
34-AA

Reference: **Request for Modification to Solid Waste Permit Number 34-90-16  
Piney Hill Acres LCID Landfill  
2081 Piney Grove Road  
Kernersville, North Carolina  
Trigon Project No. 011-01-083**

Dear Mr. Jewett:

Trigon Engineering Consultants, Inc. (Trigon) is submitting original copies of Drawings 1 through 5 as approved under Solid Waste Permit Number 34-90-16 as amended September 12, 2002, modified Drawings 6 and 7, and a new drawing (Drawing 8). The purpose for the modification is the property owner/LCID landfill operator's desire to excavate portions of the footprint of the landfill prior to placing fill materials. The intent of this letter and submission of the drawings is to request that the existing permit be modified to allow excavation within the footprint of the landfill.

Prior to completing the modifications to the drawings, a test pit was excavated at the location of the former Test Pit 2 to a depth of 20 feet below ground surface. Trigon visually observed the soils excavated from the test pit including the sidewalls and bottom. No evidence of encountering the vadose zone or groundwater table was observed in the soils, and no water was present in the test pit two days after it was excavated. Based on recent hydrological conditions, we believe a maximum depth of excavation of 15 feet below the lowest existing elevations of the landfill will remain 4 feet above the seasonal high water table. Drawings 6 and 7 are our original Cross-Section A-A' and B-B' with the addition of our recommendations for maximum depths of excavation. Drawing 8 shows the locations of the two cross-sections in plan view as

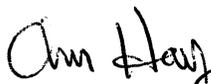
*Thank you for our success.*

well as topographic contours indicating our recommendations for the maximum extent of excavation within the footprint of the landfill.

Trigon appreciates your consideration of our proposed modifications to the existing permit. Please contact Chris Hay if you have any questions or require additional information.

Very truly yours,

TRIGON ENGINEERING CONSULTANTS, INC.

  
Christopher W. Hay, E.I.  
Engineering Manager

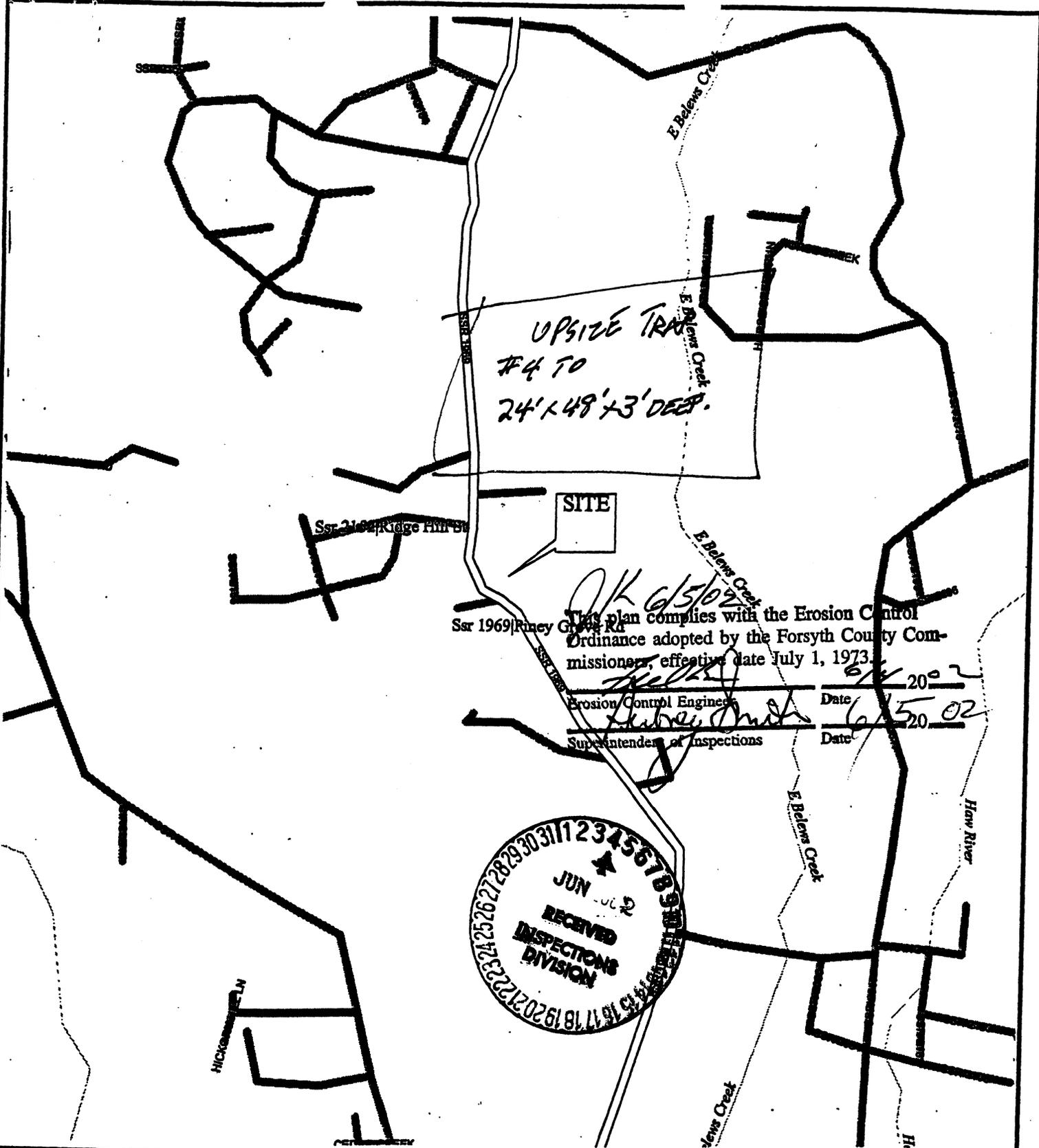
  
John R. Arnall, Jr., P.E.  
Branch Manager

CWH/JRA:pkb

Cc: Mr. David Lawson – Piney Hill Acres LCID Landfill

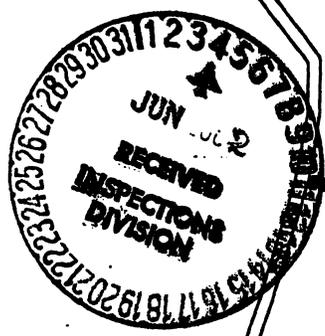
Attachments: Drawings 1 through 8

s:\0110\projects\2001\10083I.doc



This plan complies with the Erosion Control Ordinance adopted by the Forsyth County Commissioners, effective date July 1, 1973.

Erosion Control Engineer [Signature] Date 6/5/02  
 Superintendent of Inspections [Signature] Date 6/5/02



SCALE:  
1" = .25 MILE

DATE:  
8/20/01

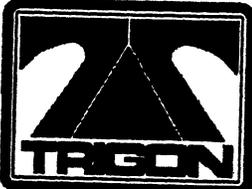
APPROVED BY:

DRAWN BY:  
DELORME

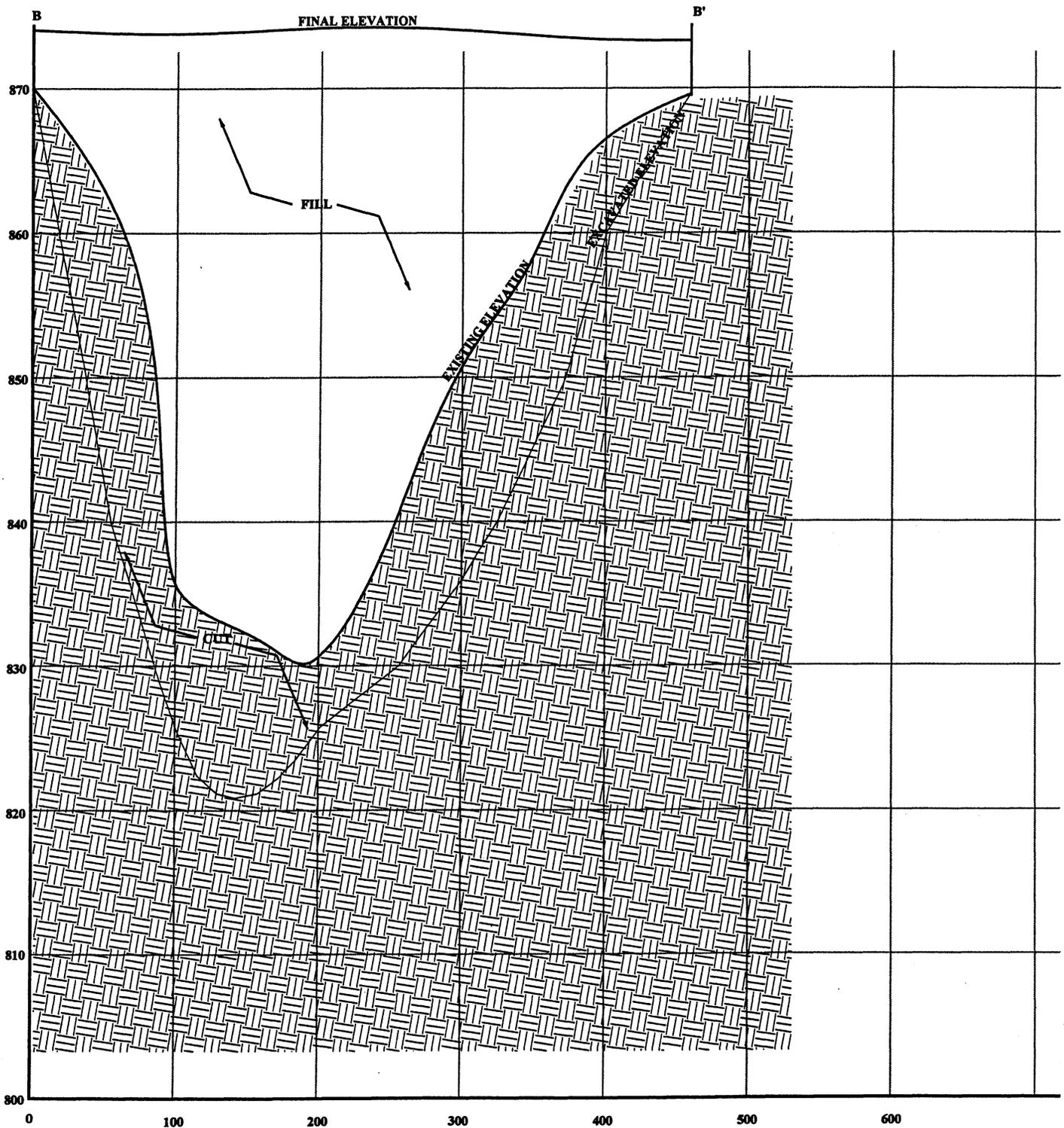
PINEY HILL ACRES LCID LANDFILL  
KERNERSVILLE, NORTH CAROLINA

LOCATION MAP

DRAWING NUMBER:  
011-01-083-1



Trigon Engineering Consultants, Inc.  
Greensboro, North Carolina



ENGINEERING CONSULTANTS, INC.  
 313 GALLIMORE DAIRY RD.  
 GREENSBORO, N.C. (336)-668-0093

## CROSS-SECTION B - B'

PINEY HILL ACRES LCID LANDFILL  
 KERNERSVILLE, NORTH CAROLINA

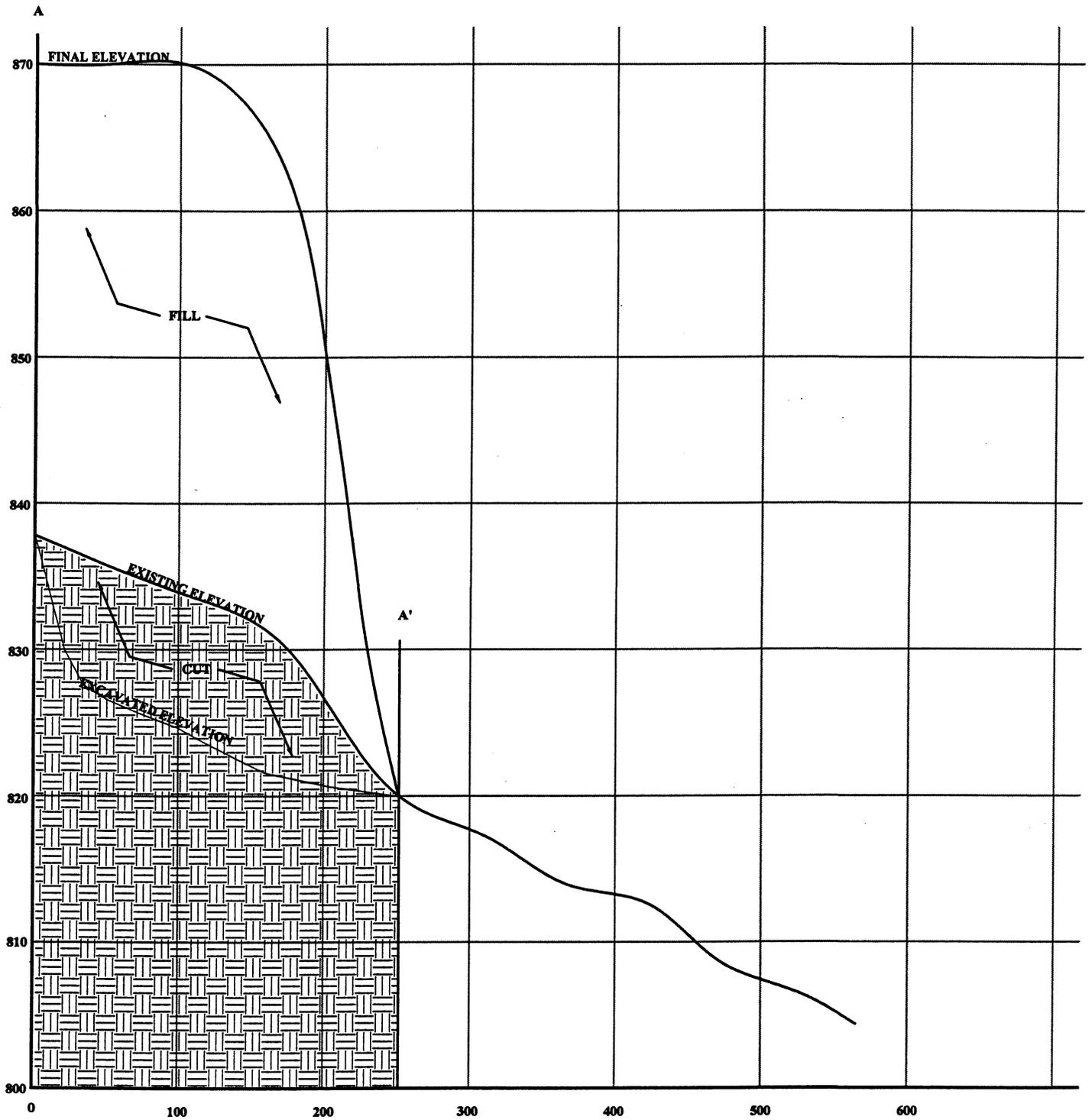
Date 5/12/03

Drawn by CWH

Scale 1" = 100' Horiz.  
 Scale 1" = 10' Vert.

Drawing No. 011-01-083-7

8/14/97



ENGINEERING CONSULTANTS, INC.  
 313 GALLIMORE DAIRY RD.  
 GREENSBORO, N.C. (336)-668-0093

## CROSS-SECTION A - A'

PINEY HILL ACRES LCID LANDFILL  
 KERNERSVILLE, NORTH CAROLINA

Date 5/12/03

Drawn by CWH

Scale 1" = 100' Horiz.  
 Scale 1" = 10' Vert.

Drawing No. 011-01-083-6

8/14/97