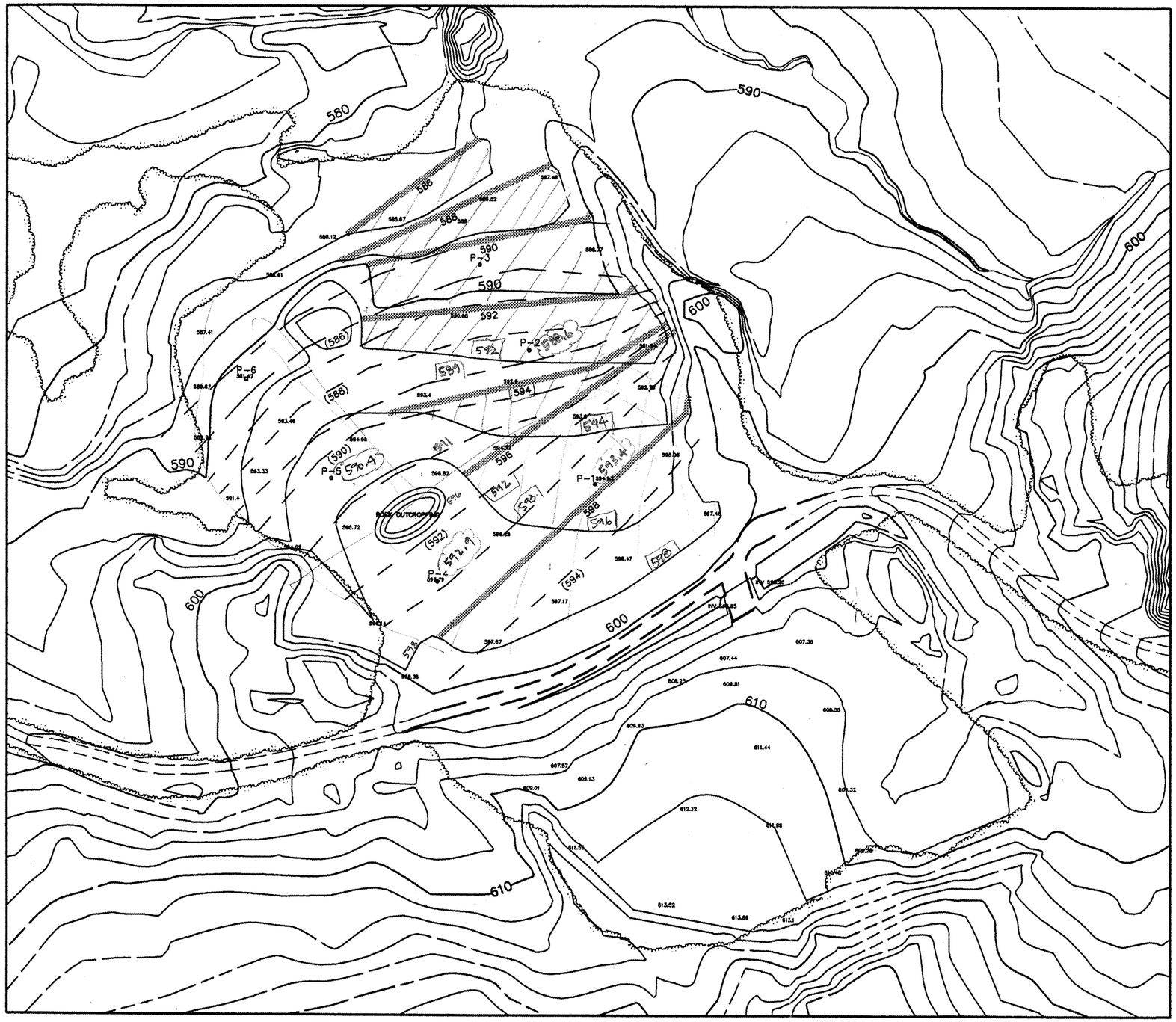
0106Map2001 Box No.__

Alamance County 01-06
2001

01062001
map



LEGEND

EXISTING GRADE

PIEZOMETRIC SURFACE (588)

PROPOSED BASE GRADE 590

SCALE 1" = 100'

N

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218-4 SWING ROAD
GREENSBORO, NC 27409

ecologic@compuserve.com
PHONE: 336/855-8108
FAX: 336/855-7688

PROJECT:

CAROLINA RESOURCE RECOVERY MEBANE, NC

NORTH CAROLINA PROFESSIONAL 10975 ENGINEER MARK A. TAYLOR 5-15-01

PIEZOMETRIC SURFACE MAP

SCALE: 1"=100'
DATE: 5/15/01
DRN. BY: LS
CHECKED BY: MAT

REVISIONS:

SHEET 1 OF 1

DRAWING

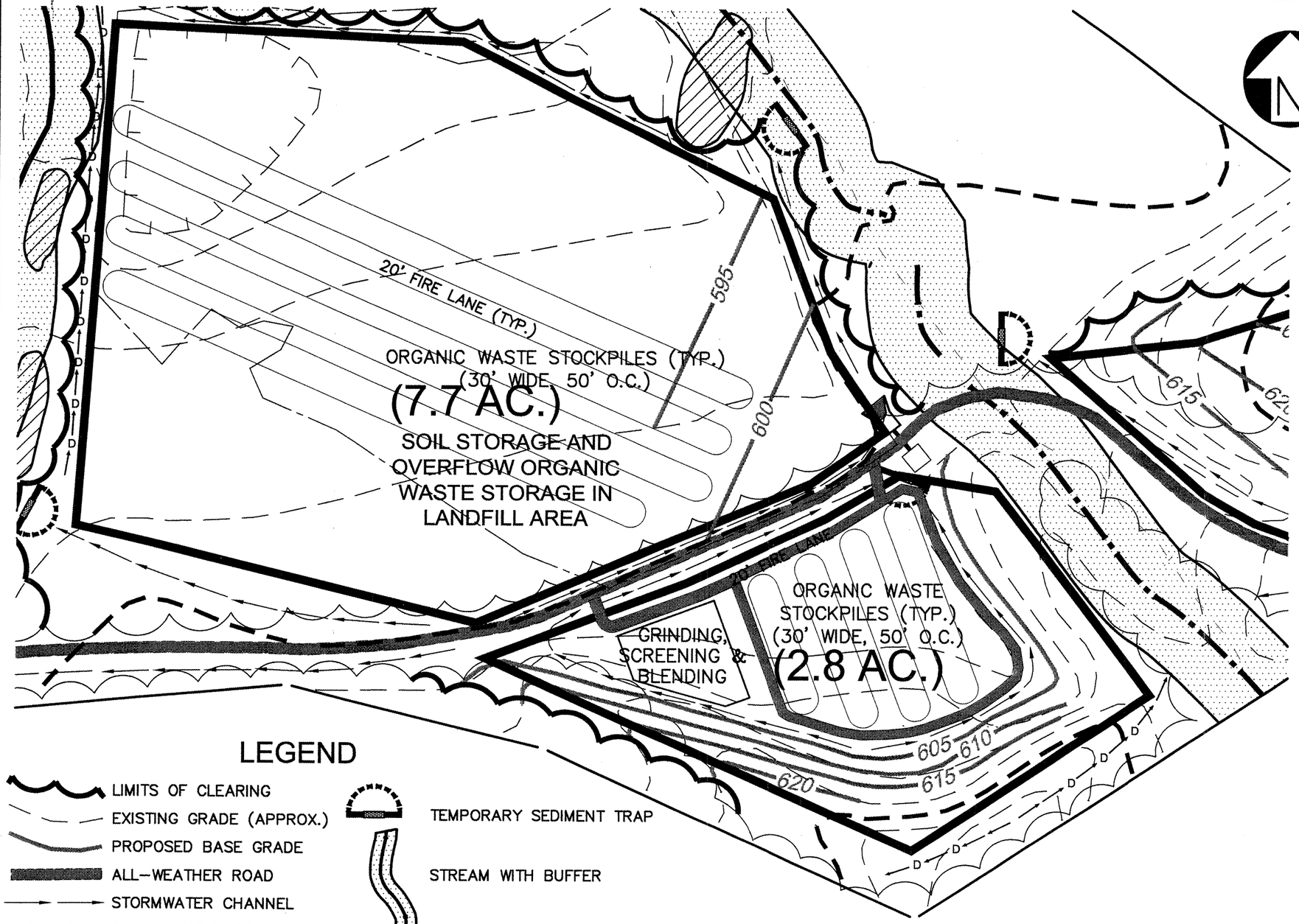
FIGURE 5

11x17piezometric surface map.dwg

0106Map2000 Box No.___

Alamance County 01-06

010062000 Maps



01-06

11x17Treat. and Processing Layout.dwg w/Xref
DES_PLAN (22 x 34 Design Plan.dwg)
PARRISH_SURVEY (Property Line from Parrish.dwg)
T_P (T&P Layout.dwg)

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ECOLOGIC ASSOCIATES, P.C.
2007 YANCEYVILLE STREET
SUITE 223
GREENSBORO, NC 27405-5004

PHONE: 336/271-3093
FAX: 336/271-3094

PROJECT:

CAROLINA
RESOURCE RECOVERY
MEBANE, NC

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 10975 MARK A. TAYLOR

TREATMENT & PROCESSING AREA LAYOUT

SCALE: 1"=100'
DATE: 3/06/00
DRN. BY: PK
CHECKED BY: MAT

REVISIONS:

1	LABELS REVISED	04-27-00

SHEET 1 OF 1

DRAWING

FIGURE 1

2

01-06

01-06

NOTE: CURING OF COMPOST, IF REQUIRED, WILL OCCUR IN ORIGINAL WINDROWS OR IN THE STAGING, STORAGE AND LOAD-OUT AREA (SEE DRAWING 4).

LEGEND

- LIMITS OF CLEARING
- EXISTING GRADE (APPROX.)
- PROPOSED BASE GRADE
- ALL-WEATHER ROAD
- STORMWATER CHANNEL
- —D—D— PERMANENT DIVERSION
- TEMPORARY SEDIMENT TRAP
- STREAM WITH BUFFER
- PROBABLE WETLANDS

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ECOLOGIC ASSOCIATES, P.C.
2007 YANCEYVILLE STREET
SUITE 223
GREENSBORO, NC 27405-5004

PHONE: 336/271-3093
FAX: 336/271-3094

PROJECT:
CAROLINA
RESOURCE RECOVERY
MEBANE, NC

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 10975 MARK A. TAYLOR

COMPOSTING AREA LAYOUT

SCALE: 1"=100'
DATE: 2/18/00
DRN. BY: PK
CHECKED BY: MAT

REVISIONS:

1	WINDROWS SPACING	04-27-00

SHEET 1 OF 1

DRAWING

FIGURE 2

11x17Comp...g Area Layout.dwg w/Xref
COMPAREA (Composting Area Layout.dwg)
DES_PLAN (22 x 34 Design Plan.dwg)
PARRISH_SURVEY (Property Line from Parrish.dwg)

3

Permit No. 01-06

CAROLINA RESOURCE RECOVERY

MEBANE, NORTH CAROLINA

PREPARED FOR

STEVEN S. SCOTT

BY

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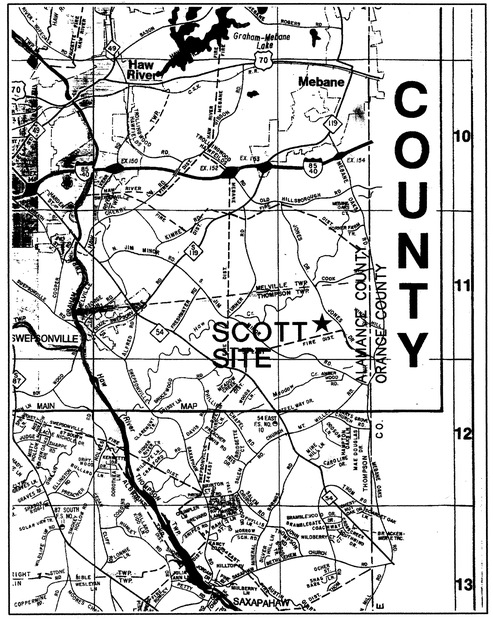
INDEX OF DRAWINGS

1 ..... COVER SHEET
2 ..... AERIAL PHOTO
3 ..... 1/4 MILE RADIUS MAP
4 ..... DESIGN PLAN
5 ..... CROSS SECTIONS

SITE VICINITY MAP



ECOLOGIC ASSOCIATES, P.C.
2007 MACKENAN STREET
SUITE 223
GREENSBORO, NC 27405-5004
PHONE: 336/271-3093
FAX: 336/271-3094
ecologic@compuserve.com
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PROJECT: CAROLINA RESOURCE RECOVERY MEBANE, NC

PREPARED FOR: STEVEN S. SCOTT MEBANE, NC

NO.	DESCRIPTION	DATE

REVISIONS

NORTH CAROLINA PROFESSIONAL ENGINEER 10975 MARK A. TAYLOR 2/16/00

COVER SHEET

SCALE: AS NOTED
DATE: 2/16/00
DRN. BY: MAH
CHECKED BY: MAT

PROJECT NO: –

SHEET 1 OF 5

DRAWING 1

22_x34 Shelf Cover Sheet.dwg
w Image Files: Alam Co Map.tif

22 x 34 Aerial Photo.dwg

2	SHEET 2 OF 5 DRAWING	PROJECT NO: — CHECKED BY: MAT DRN. BY: MAH DATE: 2/16/00 SCALE: AS NOTED	AERIAL PHOTO	NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 09375 MARK A. TAYLOR REVISIONS NO. DESCRIPTION DATE	PREPARED FOR: STEVEN S. SCOTT MEBANE, NC

PROJECT:

CAROLINA
RESOURCE RECOVERY
MEBANE, NC

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ECOLOGIC ASSOCIATES, P.C.
2007 YANCEYVILLE STREET
SUITE 223
GREENSBORO, NC 27405-5004

PHONE: 336/271-3093
FAX: 336/271-3094
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TRIBUTARY A TO HAW CREEK

UNDERGROUND TELEPHONE ALONG BOTH SIDES OF JONES RD.

PROBABLE JURISDICTIONAL WETLANDS

SCOTT SAND & STONE

1/4 MILE RADIUS

TO MEBANE OAKS ROAD

UNDERGROUND NATURAL GAS LINE

NOTES:

1. IT IS ASSUMED THAT ALL RESIDENCES AND COMMERCIAL/INDUSTRIAL BUILDINGS HAVE SEPARATE WATER SUPPLY WELLS (NO PUBLIC WATER AND SEWER).

TOPO MAP REFERENCE:

ALAMANCE COUNTY TOPOGRAPHIC MAP, SHEET E8
ALAMANCE COUNTY DEPARTMENT OF PLANNING
DATE OF PHOTOGRAPHY 3/28/68
DATE OF MAPPING 4/70

22 x 34 Quarter Mile Roducing w/Xref
Alamance Property Lines North.tif,
Alamance Property Lines South.tif, and County Topo.tif

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ECOLOGIC ASSOCIATES, P.C.
2007 YANCEYVILLE STREET
SUITE 223
GREENSBORO, NC 27405-5004

PHONE: 336/271-3083
FAX: 336/271-3094
ecologic@compuserve.com
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01-06

PROJECT:
CAROLINA RESOURCE RECOVERY
MEBANE, NC

PREPARED FOR:
STEVEN S. SCOTT
MEBANE, NC

NO.	DESCRIPTION	DATE

REVISIONS

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 10975 MARK A. TAYLOR 3-17-00

1/4 MILE RADIUS MAP

SCALE: 1"=400'
DATE: 2/16/00
DRN. BY: MAH
CHECKED BY: MAT

PROJECT NO: —

SHEET 3 OF 5

DRAWING 3

50' STREAM BUFFER (TYP.)

Debra Ann Sizemore Wall
Deed Bk. 1078 Pg. 316

EL 582.5

50' BUFFER

N 78°46'46"E 1384.09'

100' BUFFER

PROPOSED LANDFILL BOUNDARY

570.04'

Barry A. & Christine D. McCauley"
Plat Bk. 53 Pg. 194

S 54°40'49"E 984.97'

221.66'

197.38'

N 01°45'15"E 1023.20'

396.83'

207.53'

623.5

Crest 1

615.5

57.392 Ac.± Tract 1
0.715 Ac.± Tract 2
58.107 ACRES± TOTAL

COMPOSTING AREA (4.8 AC.)

TP-16

TP-17

B'

B-9

TP-10

B-12

B-11

LANDFILL AREA (7.7 AC.)

639.5

TP-15

TP-14

TP-13

BOUNDARY OF FORMER CLAY PIT

A

A'

B

B-5

PROPOSED CULVERT

T&P AREA (2.8 AC.)

B-8

B-7

B-6

OPEN AREA

Woods Line

Meandering Wet Weather Stream

50' BUFFER

STAGING, STORAGE & LOAD-OUT AREA (1.9 AC.)

60' R/W

Tract 2

B-1

B-4

B-3

B-2

Gravel Road

311.42'

S 84°34'45"W

N 06°41'11"W 294.00'

JONES SCHOOL ROAD SR 1004

614.0

619.9

613.0

640.

625

615

620

600

610

605

630

S 46°45'00"W 563.93'

CONTROL CORNER

PROPOSED GATEHOUSE

EXISTING GATE

CONTROL CORNER

178.16'

S 84°54'05"W 1353.10'

257.56'

N 76°06'40"W

400.20'

N 65°34'36"W

100' BUFFER

50' BUFFER

624.0

610.5

N 02°53'40"E 1049.62'

PROBABLE JURISDICTIONAL WETLANDS

Steven S. Scott
Deed Bk. 421 Pg 485
Deed Bk. 502 Pg 977
Deed Bk. 704 Pg 500

613.5

EL 610.2

LEGEND

- LIMITS OF CLEARING
- EXISTING GRADE (APPROX.)
- PROPOSED BASE GRADE
- PROPOSED FINAL GRADE (LANDFILL)
- B-1 TEST BORING/PIT
- ALL-WEATHER ROAD
- STORMWATER CHANNEL
- PERMANENT DIVERSION
- TEMPORARY SEDIMENT TRAP
- INLET PROTECTION
- OUTLET PROTECTION

22 x 34 Design Plan.dwg w/Xref
Plan Layout Plan Grading
Image County Topo.tif

01-06

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ECOLOGIC ASSOCIATES, P.C.
2007 YANCEYVILLE STREET
SUITE 223
GREENSBORO, NC 27405-5004

PHONE: 336/271-3093
FAX: 336/271-3094
ecologic@compuserve.com
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PROJECT:
CAROLINA RESOURCE RECOVERY
MEBANE, NC

PREPARED FOR:
STEVEN S. SCOTT
MEBANE, NC

NO.	DESCRIPTION	DATE

REVISIONS

NORTH CAROLINA PROFESSIONAL 10975 ENGINEER MARK A. TAYLOR

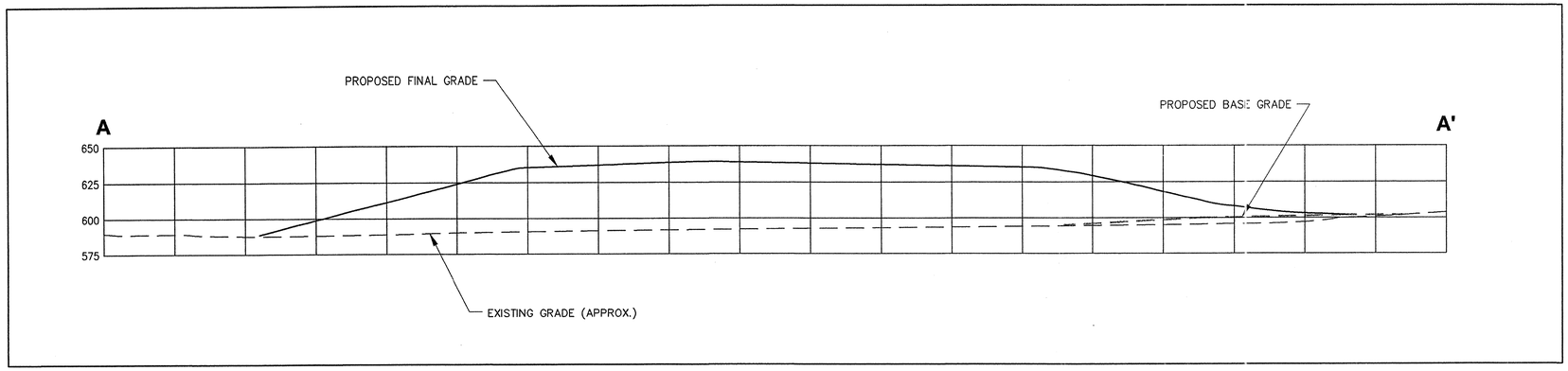
DESIGN PLAN

SCALE: 1"=100'
DATE: 2/16/00
DRN. BY: MAH
CHECKED BY: MAT

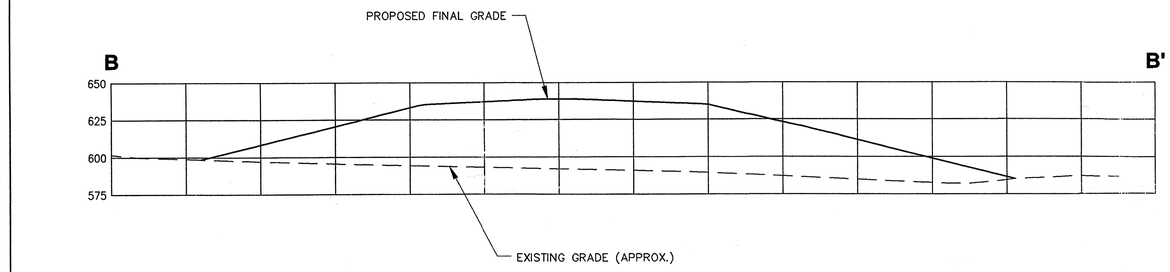
PROJECT NO:
—

SHEET 4 OF 5

DRAWING
4



SECTION A-A'



SECTION B-B'

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2007 YANCEYVILLE STREET
SUITE 223
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FAX: 336/271-3094
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01-04

PROJECT:
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RESOURCE RECOVERY
MEBANE, NC

PREPARED FOR:
STEVEN S. SCOTT
MEBANE, NC

NO.	DESCRIPTION	DATE

REVISIONS

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 10975 MARK A. TAYLOR

CROSS SECTIONS

SCALE: 1"=100'
DATE: 2/16/00
DRN. BY: MAH
CHECKED BY: MAT

PROJECT NO:
—

SHEET 5 OF 5

DRAWING
5

22 x 34 Scott Sand and Stone Sections.dwg w/ref Section A.dwg and Section B.dwg

4

CAROLINA RESOURCE RECOVERY

MEBANE, NORTH CAROLINA

PREPARED FOR

STEVEN S SCOTT

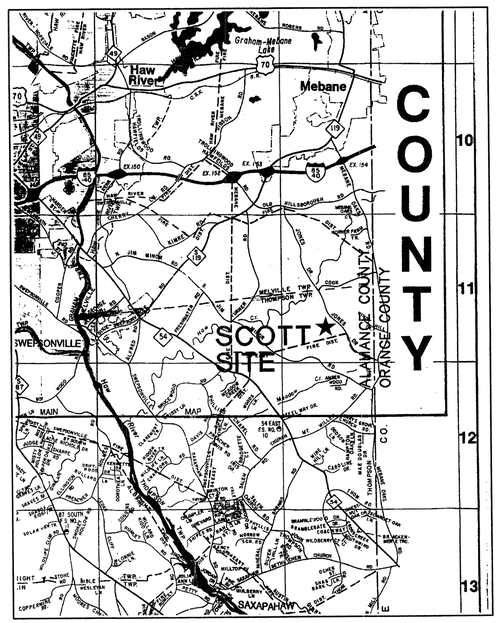
BY

EcoLogic

INDEX OF DRAWINGS

1 ..... COVER SHEET
2 ..... AERIAL PHOTO
3 ..... 1/4 MILE RADIUS MAP
4 ..... DESIGN PLAN
5 ..... CROSS SECTIONS

SITE VICINITY MAP



Permit No. 01-06

01-06

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PROJECT: CAROLINA RESOURCE RECOVERY MEBANE, NC

PREPARED FOR: STEVEN S. SCOTT MEBANE, NC

NO.	DESCRIPTION	DATE

REVISIONS

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 19973 MARK A. TAYLOR

COVER SHEET

SCALE: AS NOTED
DATE: 2/16/00
DRN. BY: MAH
CHECKED BY: MAT

PROJECT NO: —

SHEET 1 OF 5

DRAWING 1

22 x 34 Scott Cover Sheet.dwg
a:\image File: Alam Co Map.tif

22 x 34 Aerial Photo.dwg

2	DRAWING	SHEET 2 OF 5	PROJECT NO: —	DRN. BY: MAH CHECKED BY: MAT	SCALE: AS NOTED DATE: 2/16/00

AERIAL PHOTO

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 10975 MARK A. TAYLOR

REVISIONS

NO.	DESCRIPTION	DATE

PREPARED FOR:

STEVEN S. SCOTT
MEBANE, NC

PROJECT:

CAROLINA
RESOURCE RECOVERY
MEBANE, NC

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ECOLOGIC ASSOCIATES, P.C.
2007 YANCEYVILLE STREET
SUITE 223
GREENSBORO, NC 27405-5004

PHONE: 336/271-3093
FAX: 336/271-3094
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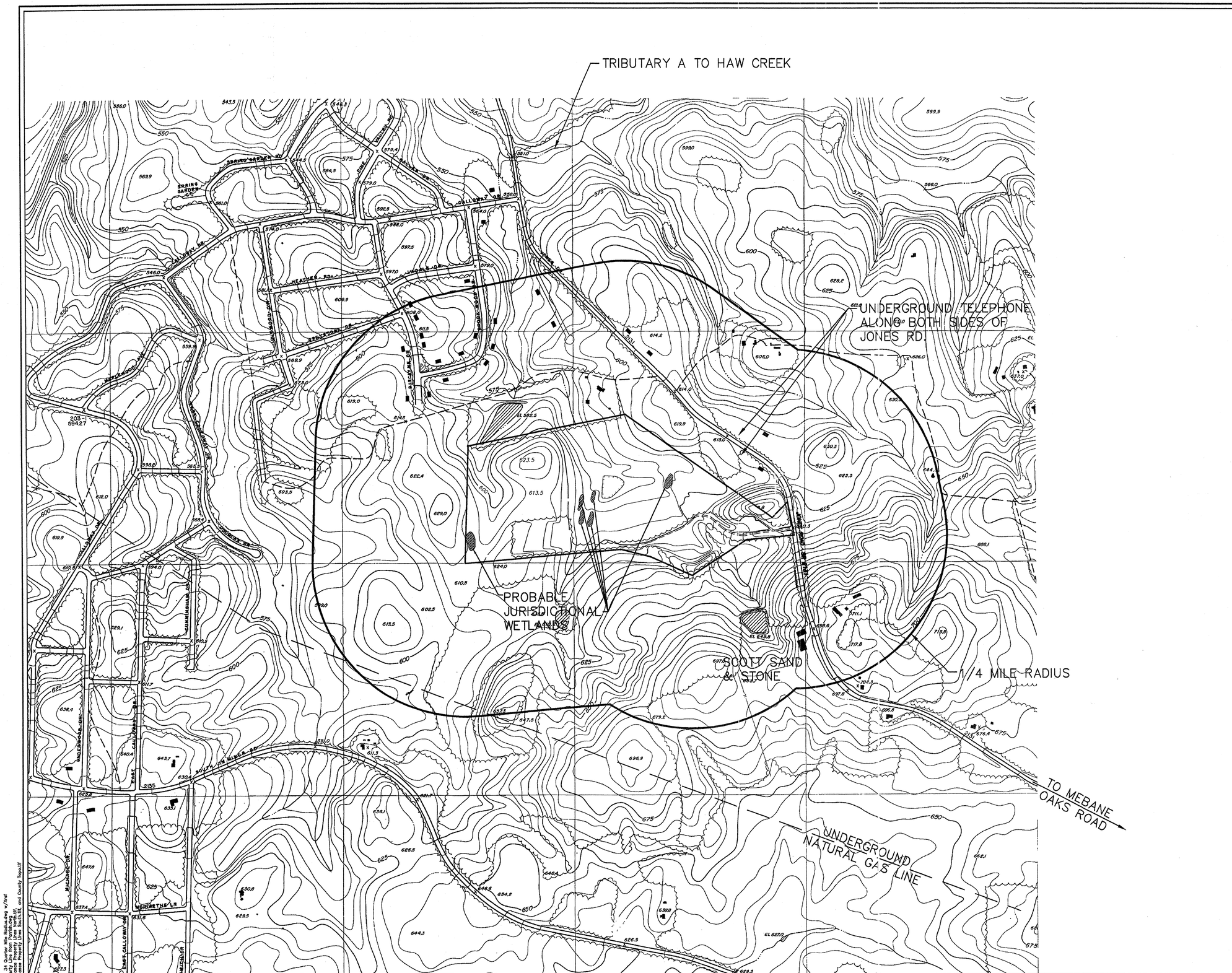

NOTES:

1. IT IS ASSUMED THAT ALL RESIDENCES AND COMMERCIAL/INDUSTRIAL BUILDINGS HAVE SEPARATE WATER SUPPLY WELLS (NO PUBLIC WATER AND SEWER).

TOPO MAP REFERENCE:

ALAMANCE COUNTY TOPOGRAPHIC MAP, SHEET E8
ALAMANCE COUNTY DEPARTMENT OF PLANNING
DATE OF PHOTOGRAPHY 3/28/68
DATE OF MAPPING 4/70

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2007 YANCEYVILLE STREET
SUITE 223
GREENSBORO, NC 27405-5004
PHONE: 336/271-3093
FAX: 336/271-3094
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PROJECT: CAROLINA RESOURCE RECOVERY MEBANE, NC

PREPARED FOR: STEVEN S. SCOTT MEBANE, NC

NO.	DESCRIPTION	DATE

REVISIONS

NORTH CAROLINA PROFESSIONAL ENGINEER 10975 MARK A. TAYLOR

1/4 MILE RADIUS MAP

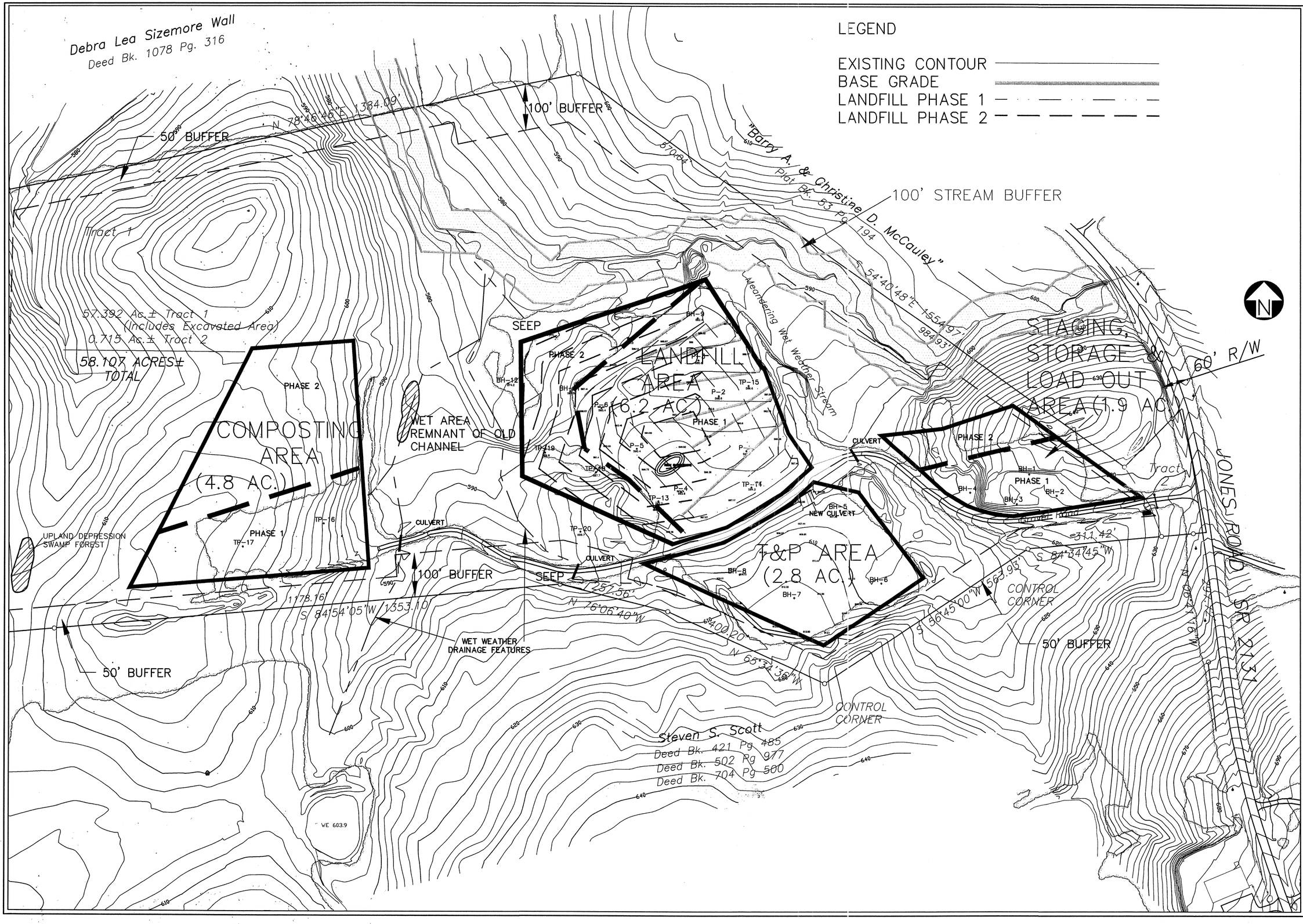
SCALE: 1"=400'
DATE: 2/16/00
DRN. BY: MAH
CHECKED BY: MAT

PROJECT NO: –

SHEET 3 OF 5

DRAWING 3

22 x 34 Quarter Mile Radius.dwg w/Xref
Property Line from Parish.dwg
Alamance Property Lines North.tif,
Alamance Property Lines South.tif, and County Topo.tif



EcoLogic
ECOLOGIC ASSOCIATES, P.C.
218-4 SWING ROAD
GREENSBORO, NC 27409
PHONE: 336/855-8108
FAX: 336/855-7588
ecologic@compuserve.com

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PROJECT:
CAROLINA RESOURCE RECOVERY
MEBANE, NC

PREPARED FOR:
STEVEN S. SCOTT
MEBANE, NC

NO.	DESCRIPTION	DATE
1	LCID LANDFILL DESIGN	5/14/01

REVISIONS

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 10975 MARK A. TAYLOR 5-14-01

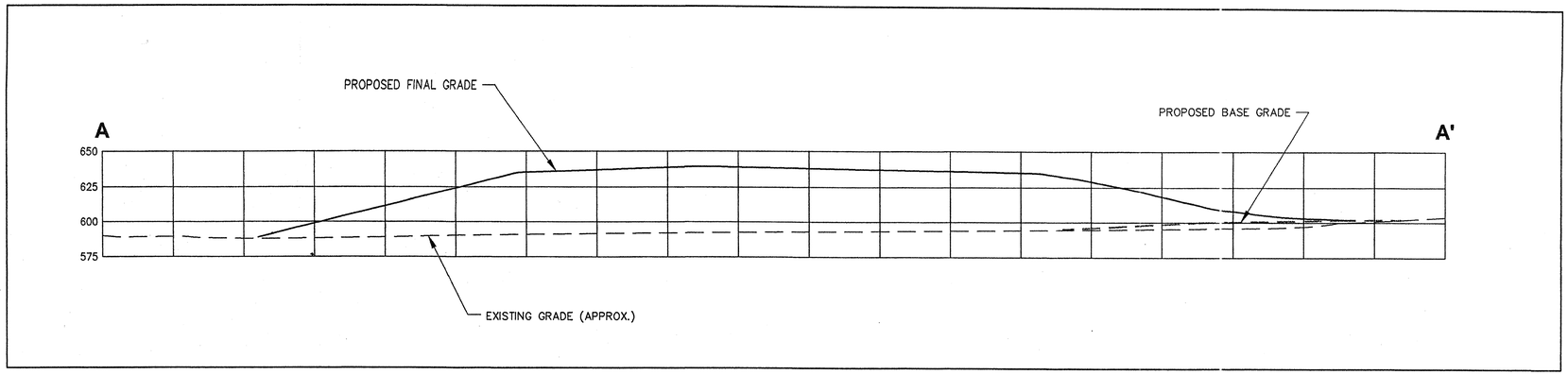
DESIGN PLAN

SCALE: 1"=100'
DATE: 2/16/00
DRN. BY: LOS
CHECKED BY: MAT

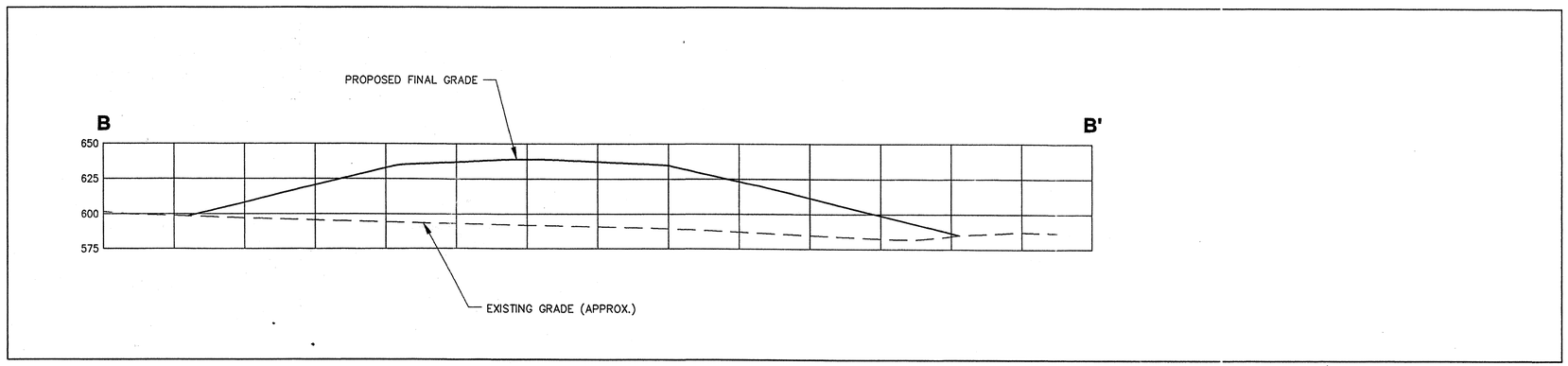
PROJECT NO:
–

SHEET 4 OF 7

DRAWING
4



SECTION A-A'



SECTION B-B'

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ECOLOGIC ASSOCIATES, P.C.
2007 YANCEYVILLE STREET
SUITE 223
GREENSBORO, NC 27405-5004
PHONE: 336/271-3093
FAX: 336/271-3094
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PROJECT:
CAROLINA
RESOURCE RECOVERY
MEBANE, NC

PREPARED FOR:
STEVEN S. SCOTT
MEBANE, NC

NO.	DESCRIPTION	DATE

REVISIONS

NORTH CAROLINA PROFESSIONAL ENGINEER 10975 MARK A. TAYLOR

CROSS SECTIONS

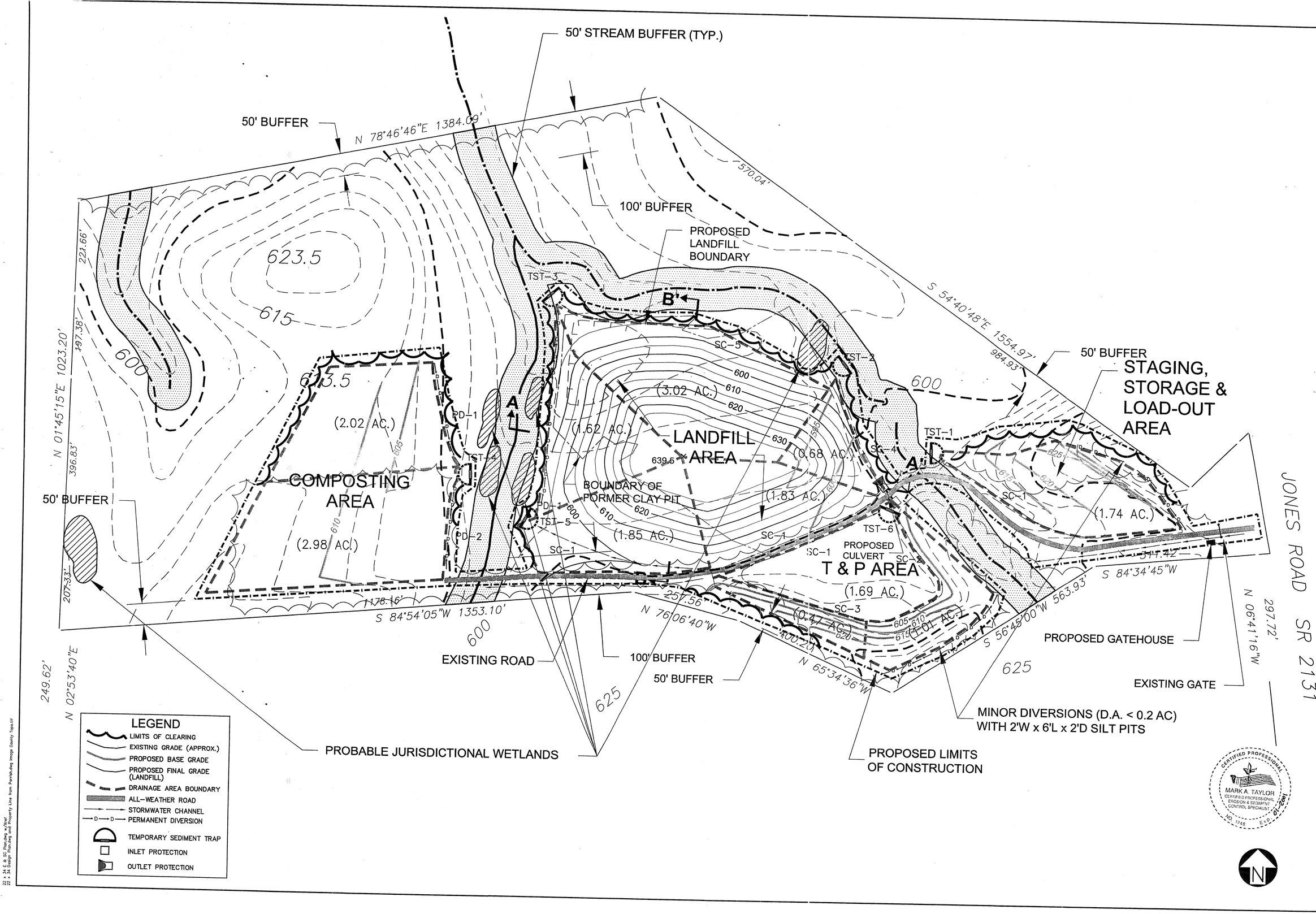
SCALE: 1"=100'
DATE: 2/16/00
DRN. BY: MAH
CHECKED BY: MAT

PROJECT NO:
—

SHEET 5 OF 5

DRAWING
5

J2 - 34 Scott Sand and Stone Sections.dwg w/Xref
Section A.dwg and Section B.dwg



22 x 34 E & SC Plan.dwg w/Xref
22 x 34 Design Plan.dwg and Property Line from Parrish.dwg Image County Topo.tif

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ECOLOGIC ASSOCIATES, P.C.
2007 YANCEYVILLE STREET
SUITE 223
GREENSBORO, NC 27405-5004
PHONE: 336/271-3093
FAX: 336/271-3094
ecologic@compuserve.com
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PROJECT: CAROLINA RESOURCE RECOVERY MEBANE, NC

PREPARED FOR: STEVEN S. SCOTT MEBANE, NC

NO.	DESCRIPTION	DATE
1	DENR COMMENTS	04/13/00

REVISIONS

NORTH CAROLINA PROFESSIONAL ENGINEER 10975 MARK A. TAYLOR

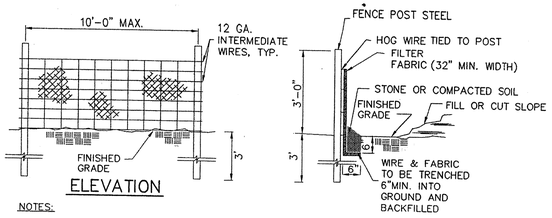
EROSION AND SEDIMENT CONTROL PLAN

SCALE: 1"=100'
DATE: 3/20/00
DRN. BY: PK
CHECKED BY: MAT

PROJECT NO: —

SHEET 6 OF 7

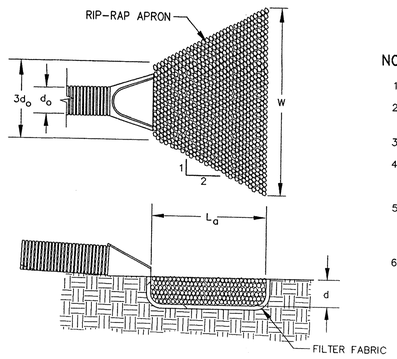
DRAWING 6



NOTES:

- POSTS: METAL – 6' LONG, TRIANGLE STEP MAX. PLACEMENT OF POSTS TO BE 10' APART.
- WIRE: 32" MIN. WIDTH HOGWIRE, 10 GA. LINE WIRE.
- FABRIC: PROPEX (BY AMOCO) OR EQUAL
- STONE: #4 WASHED STONE, TO BE PLACED 6" DEEP (IF USED).
- SPACING: PLACEMENT OF POSTS USING HOGWIRE TO BE 10' APART. PLACEMENT OF POST WITHOUT HOGWIRE TO BE 6' APART.

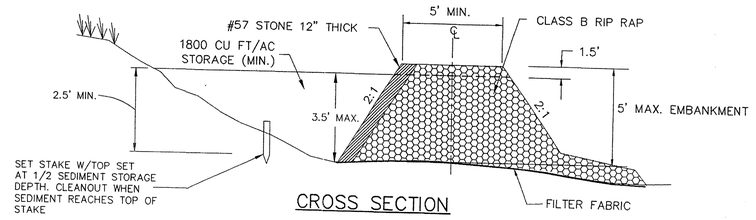
SILT FENCE
NOT TO SCALE

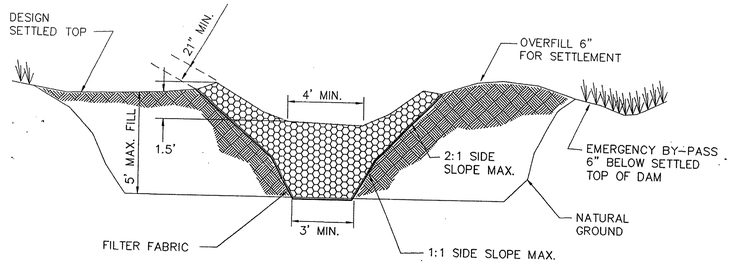


NOTES:

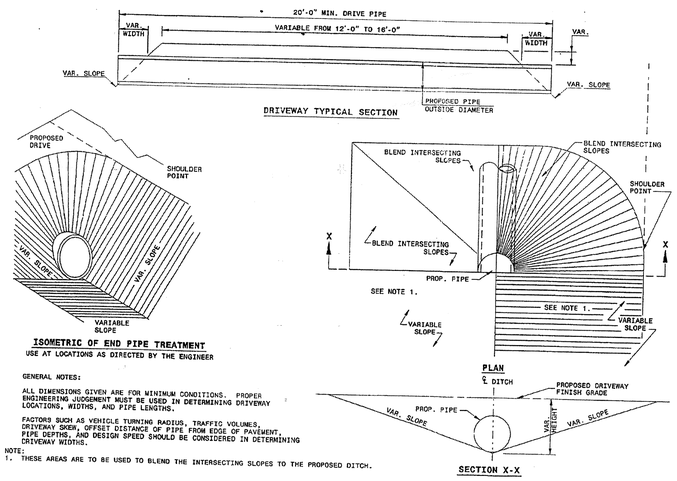
1. L_a IS THE LENGTH OF THE RIP-RAP APRON.
2. d=1.5 TIMES THE MAXIMUM SPECIFIED STONE DIAMETER (MIN. 12").
3. d_o=PIPE DIAMETER.
4. IN A WELL-DEFINED CHANNEL, EXTEND THE APRON UP THE CHANNEL BANKS TO THE TOP OF THE BANK.
5. AN APPROVED FILTER FABRIC SHALL BE INSTALLED BETWEEN THE RIP-RAP AND SOIL FOUNDATION, WITH THE EDGES ANCHORED, PER MANUFACTURER'S GUIDELINES.
6. OUTLET PROTECTION SHALL CONFORM TO NC EROSION AND SEDIMENT CONTROL STANDARDS AND SPECIFICATIONS.

OUTLET PROTECTION
NOT TO SCALE





TEMPORARY SEDIMENT TRAP
NOT TO SCALE



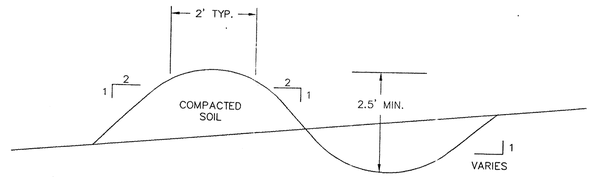
GENERAL NOTES:

ALL DIMENSIONS GIVEN ARE FOR MINIMUM CONDITIONS. PROPER ENGINEERING JUDGEMENT MUST BE USED IN DETERMINING DRIVEWAY LOCATIONS, WIDTHS, AND PIPE LENGTHS.

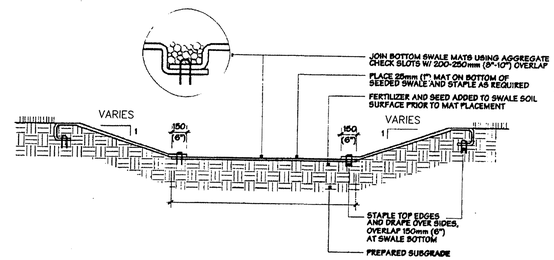
FACTORS SUCH AS VEHICLE TURNING RADIUS, TRAFFIC VOLUMES, DRIVEWAY SKEW, OFFSET DISTANCE OF PIPE FROM EDGE OF PAVEMENT, PIPE DEPTHS, AND DESIGN SPEED SHOULD BE CONSIDERED IN DETERMINING DRIVEWAY WIDTHS.

NOTE:
1. THESE AREAS ARE TO BE USED TO BLEND THE INTERSECTING SLOPES TO THE PROPOSED DITCH.

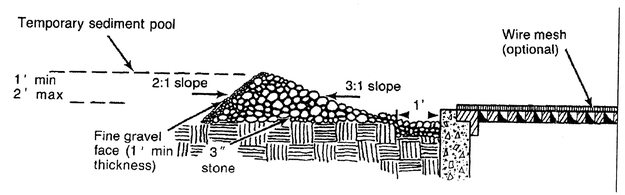
CULVERT (TYP.)
NOT TO SCALE



PERMANENT DIVERSION
NOT TO SCALE



STORMWATER CHANNEL REINFORCED WITH EROSION CONTROL MAT
NOT TO SCALE



INLET PROTECTION (GRAVEL DONUT)
NOT TO SCALE

ECOLOGIC ASSOCIATES, P.C.
2007 YANCEYVILLE STREET
SUITE 223
GREENSBORO, NC 27405-5004
PHONE: 336/271-3093
FAX: 336/271-3094
ecologic@compuserve.com
www.ecologic-nc.com
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PROJECT:
CAROLINA RESOURCE RECOVERY
MEBANE, NC

PREPARED FOR:
STEVEN S. SCOTT
MEBANE, NC

NO.	DESCRIPTION	DATE
	REVISIONS	

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 10975 MARK A. TAYLOR 4-28-00

CERTIFIED PROFESSIONAL MARK A. TAYLOR CERTIFIED PROFESSIONAL EROSION & SEDIMENT CONTROL SPECIALIST NO. 1248 EXP. 01-2001

EROSION AND SEDIMENT CONTROL DETAILS

SCALE: AS SHOWN
DATE: 4/13/00
DRN. BY: PK
CHECKED BY: MAT

PROJECT NO: —

SHEET 7 OF 7

DRAWING 7

Z:\2_34_E&_SC_Plan.dwg w/Xref Outlet Protection.dwg, Permanent Diversion.dwg, Silt Fence.dwg, Temp Sed Trap.dwg AND Driveway Pipe.dwg, Grave Donut Inlet Prot.dwg, And St Wat Chnl - Rein Pb Mat.dwg

50' STREAM BUFFER (TYP.)

Debra Ann Sizemore Wall
Deed Bk. 1078 Pg. 316

EL 582.5

50' BUFFER

N 78°46'46"E 1384.09'

100' BUFFER

PROPOSED LANDFILL BOUNDARY

570.04'

Barry A. & Christine D. McCauley"
Plat Bk. 53 Pg. 194

S 54°40'43"E 984.97'

614.0

613.0

623.5

675

Tract 1

615.5

57.392 Ac.± Tract 1
(Includes Excavated Area)
0.715 Ac.± Tract 2
58.107 ACRES± TOTAL

COMPOSTING AREA (4.8 AC.)

LANDFILL AREA (7.7 AC.)
639.5

BOUNDARY OF FORMER CLAY PIT

Meandering Wet Weather Stream

B-9
TP-10
B-12
B-11
TP-15
TP-14
TP-13
TP-16
TP-17
B-5
B-8
B-7
B-6

PROPOSED CULVERT

T&P AREA (2.8 AC.)

OPEN AREA

Woods Line

50' BUFFER

STAGING, STORAGE & LOAD-OUT AREA (1.9 AC.)

60' R/W

B-1
B-4
B-3
B-2
Gravel Road

Tract 2

640.

JONES FERRY ROAD SR 1131

311.42'

S 84°34'45"E

CONTROL CORNER

N 11°06'00"W 563.93'

S 56°45'00"W

PROPOSED GATEHOUSE

EXISTING GATE

CONTROL CORNER

N 01°45'15"E 1023.20'

221.66'

97.38'

396.83'

207.33'

178.16'

S 84°34'05"W 1353.10'

N 76°06'40"W 251.56'

100.20'

N 65°34'32"W

100' BUFFER

50' BUFFER

624.0

610.5

N 02°53'40"E 649.62'

625

600

605

610

615

620

630

Steven S. Scott
Deed Bk. 421 Pg 485
Deed Bk. 502 Pg 977
Deed Bk. 704 Pg 500

PROBABLE JURISDICTIONAL WETLANDS

613.5

EL 610.2

LEGEND

- LIMITS OF CLEARING
- EXISTING GRADE (APPROX.)
- PROPOSED BASE GRADE
- PROPOSED FINAL GRADE (LANDFILL)
- B-1 TEST BORING/PIT
- ALL-WEATHER ROAD
- STORMWATER CHANNEL
- PERMANENT DIVERSION
- TEMPORARY SEDIMENT TRAP
- INLET PROTECTION
- OUTLET PROTECTION

22 x 34 Design Plan.dwg w Xref Property Line from Pamlico.dwg Image: County Topo.tif

EcoLogic
ECOLOGIC ASSOCIATES, P.C.
2007 YANCEYVILLE STREET
SUITE 223
GREENSBORO, NC 27405-5004
PHONE: 336/271-3093
FAX: 336/271-3094
ecologic@bellsouth.net
www.ecologic-nc.com

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PROJECT:
CAROLINA RESOURCE RECOVERY
MEBANE, NC

PREPARED FOR:
STEVEN S. SCOTT
MEBANE, NC

NO.	DESCRIPTION	DATE
REVISIONS		

DESIGN PLAN

SCALE: 1"=100'
DATE: 2/16/00
DRN. BY: MAH
CHECKED BY: MAT

PROJECT NO: —

SHEET 4 OF 5

DRAWING 4

RECEIVED
N.C. Dept. of EHNR
APR 24 2000
Winston-Salem
Regional Office

50' STREAM BUFFER (TYP.)

50' BUFFER

N 78°46'46"E 1384.09'

570.04'

100' BUFFER

PROPOSED LANDFILL BOUNDARY

221.66'

623.5

615

600

623.5

197.38'

N 01°45'15"E 1023.20'

396.83'

(2.02 AC.)

PD-1

TST-3

B'

A

SC-5

TST-2

600

610

620

630

639.5

(3.02 AC.)

(1.62 AC.)

LANDFILL AREA

(0.68 AC.)

TST-1

SC-4

A'

S 54°40'48"E 1554.97'

984.93'

50' BUFFER

STAGING, STORAGE & LOAD-OUT AREA

625

620

615

SC-1

(1.74 AC.)

TST-4

COMPOSTING AREA

(2.98 AC.)

605

610

BOUNDARY OF FORMER CLAY PIT

PD-4

PD-2

TST-5

600

610

620

(1.85 AC.)

(1.83 AC.)

SC-1

TST-6

PROPOSED CULVERT

SC-2

SC-1

T & P AREA

(1.69 AC.)

SC-3

(0.47 AC.)

(1.01 AC.)

605

610

615

620

625

S 77°11'42"W 297.72'

S 84°34'45"W

563.93'

S 56°45'00"W

50' BUFFER

207.33'

1178.16'

S 84°54'05"W 1353.10'

257.56'

N 76°06'40"W

400.20'

N 65°34'36"W

N 06°41'16"W

PROPOSED GATEHOUSE

EXISTING GATE

625

600

EXISTING ROAD

100' BUFFER

50' BUFFER

625

249.62'

N 02°53'40"E

MINOR DIVERSIONS (D.A. < 0.2 AC) WITH 2'W x 6'L x 2'D SILT PITS

PROBABLE JURISDICTIONAL WETLANDS

PROPOSED LIMITS OF CONSTRUCTION

JONES ROAD SR 2131

LEGEND

- LIMITS OF CLEARING
- EXISTING GRADE (APPROX.)
- PROPOSED BASE GRADE
- PROPOSED FINAL GRADE (LANDFILL)
- DRAINAGE AREA BOUNDARY
- ALL-WEATHER ROAD
- STORMWATER CHANNEL
- D—D PERMANENT DIVERSION
- TEMPORARY SEDIMENT TRAP
- INLET PROTECTION
- OUTLET PROTECTION

22 x 34 E & SC Plan.dwg or Plot
22 x 34 Design Plan.dwg and Property Line from Perish.dwg Image County Topo.tif

ECOLOGIC
ECOLOGIC ASSOCIATES, P.C.
2007 MARTINSVILLE STREET
SUITE 223
GREENSBORO, NC 27405-5004
PHONE: 336/271-3093
FAX: 336/271-3094
ecologic@compuserve.com
www.ecologic-nc.com
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PROJECT:
CAROLINA RESOURCE RECOVERY
MEBANE, NC

PREPARED FOR:
STEVEN S. SCOTT
MEBANE, NC

NO.	DESCRIPTION	DATE
1	DENR COMMENTS	04/13/00

REVISIONS

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 10975 MARK A. TAYLOR 4-13-00

EROSION AND SEDIMENT CONTROL PLAN

SCALE: 1"=100'
DATE: 3/20/00
DRN. BY: PK
CHECKED BY: MAT

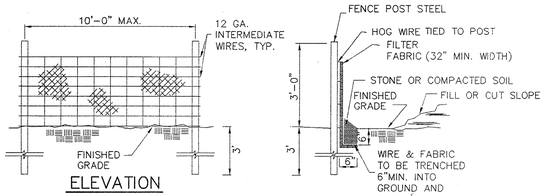
PROJECT NO: —

SHEET 6 OF 7

DRAWING 6

CERTIFIED PROFESSIONAL EROSION & SEDIMENT CONTROL SPECIALIST
MARK A. TAYLOR
NO. 1748
EXP. 01-2001

N



ELEVATION

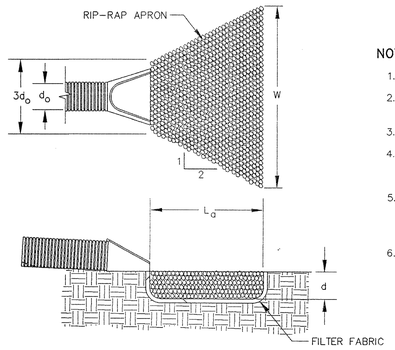
SECTION

NOTES:

- POSTS: METAL – 6' LONG, TRIANGLE STEP MAX. PLACEMENT OF POSTS TO BE 10' APART.
- WIRE: 32" MIN. WIDTH HOGWIRE, 10 GA. LINE WIRE.
- FABRIC: PROPEX (BY AMOCO) OR EQUAL
- STONE: #4 WASHED STONE, TO BE PLACED 6" DEEP (IF USED).
- SPACING: PLACEMENT OF POSTS USING HOGWIRE TO BE 10' APART. PLACEMENT OF POST WITHOUT HOGWIRE TO BE 6' APART.

SILT FENCE

NOT TO SCALE

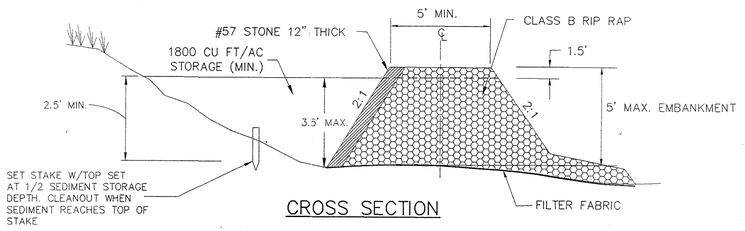


NOTES:

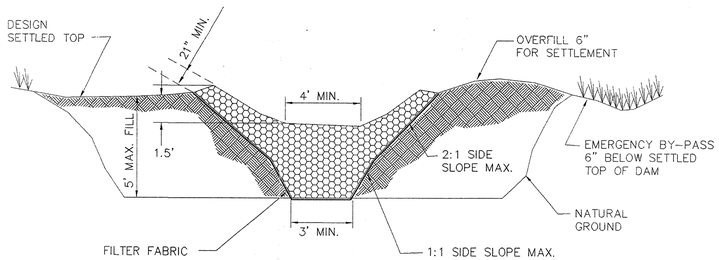
1. L_o IS THE LENGTH OF THE RIP-RAP APRON.
2. d=1.5 TIMES THE MAXIMUM SPECIFIED STONE DIAMETER (MIN. 12").
3. d_o=PIPE DIAMETER.
4. IN A WELL-DEFINED CHANNEL, EXTEND THE APRON UP THE CHANNEL BANKS TO THE TOP OF THE BANK.
5. AN APPROVED FILTER FABRIC SHALL BE INSTALLED BETWEEN THE RIP-RAP AND SOIL FOUNDATION, WITH THE EDGES ANCHORED, PER MANUFACTURER'S GUIDELINES.
6. OUTLET PROTECTION SHALL CONFORM TO NC EROSION AND SEDIMENT CONTROL STANDARDS AND SPECIFICATIONS.

OUTLET PROTECTION

NOT TO SCALE



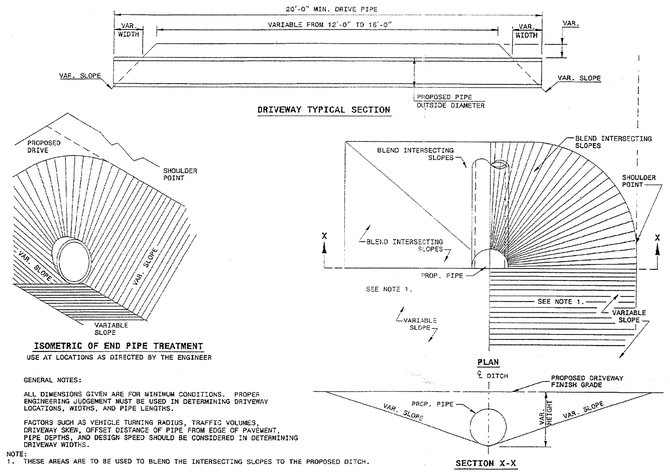
CROSS SECTION



FRONT VIEW

TEMPORARY SEDIMENT TRAP

NOT TO SCALE



DRIVEWAY TYPICAL SECTION

ISOMETRIC OF END PIPE TREATMENT

USE AT LOCATIONS AS DIRECTED BY THE ENGINEER

GENERAL NOTES:

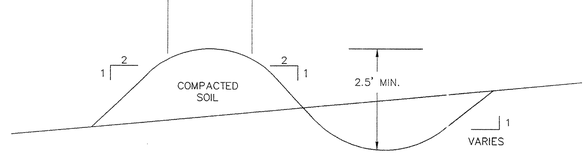
ALL DIMENSIONS GIVEN ARE FOR MINIMUM CONDITIONS. PROPER ENGINEERING JUDGEMENT MUST BE USED IN DETERMINING DRIVEWAY LOCATIONS, WIDTHS, AND PIPE LENGTHS.

FACTORS SUCH AS VEHICLE TURNING RADIUS, TRAFFIC VOLUMES, DRIVEWAY SKEW, OFFSET DISTANCE OF PIPE FROM EDGE OF PAVEMENT, PIPE DEPTHS, AND DESIGN SPEED SHOULD BE CONSIDERED IN DETERMINING DRIVEWAY WIDTHS.

NOTE:
1. THESE AREAS ARE TO BE USED TO BLEND THE INTERSECTING SLOPES TO THE PROPOSED DITCH.

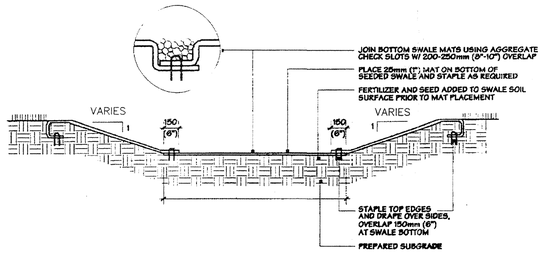
CULVERT (TYP.)

NOT TO SCALE



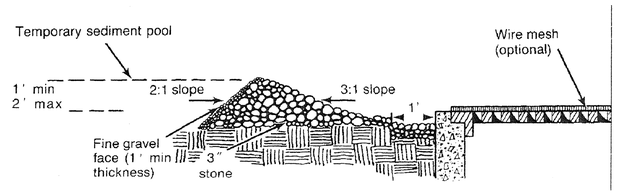
PERMANENT DIVERSION

NOT TO SCALE



STORMWATER CHANNEL REINFORCED WITH EROSION CONTROL MAT

NOT TO SCALE



INLET PROTECTION (GRAVEL DONUT)

NOT TO SCALE

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ECOLOGIC ASSOCIATES, P.A.
2007 YANCEYVILLE STREET
SUITE 223
GREENSBORO, NC 27405-5004
PHONE: 336/271-3093
FAX: 336/271-3094
ecologic@compuserve.com
WWW.ecologic-nc.com
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PROJECT:
CAROLINA RESOURCE RECOVERY
MEBANE, NC

PREPARED FOR:
STEVEN S. SCOTT
MEBANE, NC

NO.	DESCRIPTION	DATE

REVISIONS

NORTH CAROLINA PROFESSIONAL ENGINEER 10975 4-13-00 MARK A. TAYLOR

EROSION AND SEDIMENT CONTROL DETAILS

SCALE: AS SHOWN
DATE: 4/13/00
DRN. BY: PK
CHECKED BY: MAT

PROJECT NO: —

SHEET 7 OF 7

DRAWING 7

22 x 34 E & SC Plan.dwg w/Xref
Silt Fence.dwg, Diversion.dwg, Slt Fence.dwg, Temp. Sed. Trap.dwg AND
Rip Rap.dwg, Permanent Diversion.dwg, Culvert.dwg, Inlet Protection.dwg
Driveway Pipe.dwg, Gravel Donut Inlet Prot.dwg, AND St Wat Chan. - Rein. Fib Mat.dwg