
REMEDIAL ACTION REPORT

VOLUME 2 – APPENDICES

ETE SANITATION AND LANDFILL SITE STATE SUPERFUND REMEDIATION NYSDEC SITE NO. 9-61-005

Town of Gainesville, Wyoming County



PREPARED BY:

**NYSDEC REGION 9
DIVISION of ENVIRONMENTAL REMEDIATION**

David A. Paterson, Governor

Alexander B. Grannis, Commissioner

JULY 2008

APPENDIX L RECORD DRAWINGS

ETE SANITATION AND LANDFILL
WYOMING COUNTY, NEW YORK

RECORD DRAWINGS

June 2008

DRAWING INDEX

SHEET	DRAWING NAME
C-1	EXISTING SITE PLAN
C-2	PRE-EXCAVATION AND ROUGH CONTOURS - NORTH
C-3	PRE-EXCAVATION AND ROUGH CONTOURS - SOUTH
C-4	FINAL CONTOURS - NORTH
C-5	FINAL CONTOURS - SOUTH
D-1	TYPICAL DETAILS
D-2	NORTH POND DETAILS
D-3	NORTH POND DETAILS
URS-1	FINAL CONTOURS SOUTH
URS-2	ACCESS ROAD PROFILE & DETAIL
URS-3	FINAL CONTOURS NORTH
URS-4	GRAVEL ACCESS RAMP, UNDERDRAIN AND DOWNCHUTE DETAILS
URS-5	FINAL CONTOURS FULL SITE
GB-1	TOPOGRAPHICAL SURVEY PRIOR TO STRIPPING (EXISTING SITE SURVEY)
GB-2	SUBGRADE TOPOGRAPHICAL SURVEY
GB-3	FINAL AS-BUILT SURVEY

NEW YORK DEPARTMENT OF ENVORNMENTAL CONSERVATION
REGION 9 OFFICE - BUFFALO, NEW YORK

C. MILLER

8.59.49

07/06/00 13:40:36

S:\DWG\0897-ETE\A-CLOSE\1006\ETASPC01

1	4/08	WBW	EM	
REV. NO.	DATE	DRWN	CHKD	

DESIGNED BY: D. ZEIDERS
DRAWN BY: D. HAUSER
SHEET CHK'D BY: J. WOOD
CROSS CHK'D BY:
APPROVED BY: R. SANKARMANCHI
DATE: JULY 2000

RECORD DRAWING--
SEE SHT GB-1 FOR EXISTING TOPOLOGICAL SURVEY

CDM Camp Dresser & McKee
consulting
engineering
construction
operations

ETE SANITATION AND LANDFILL
WYOMING COUNTY, NEW YORK

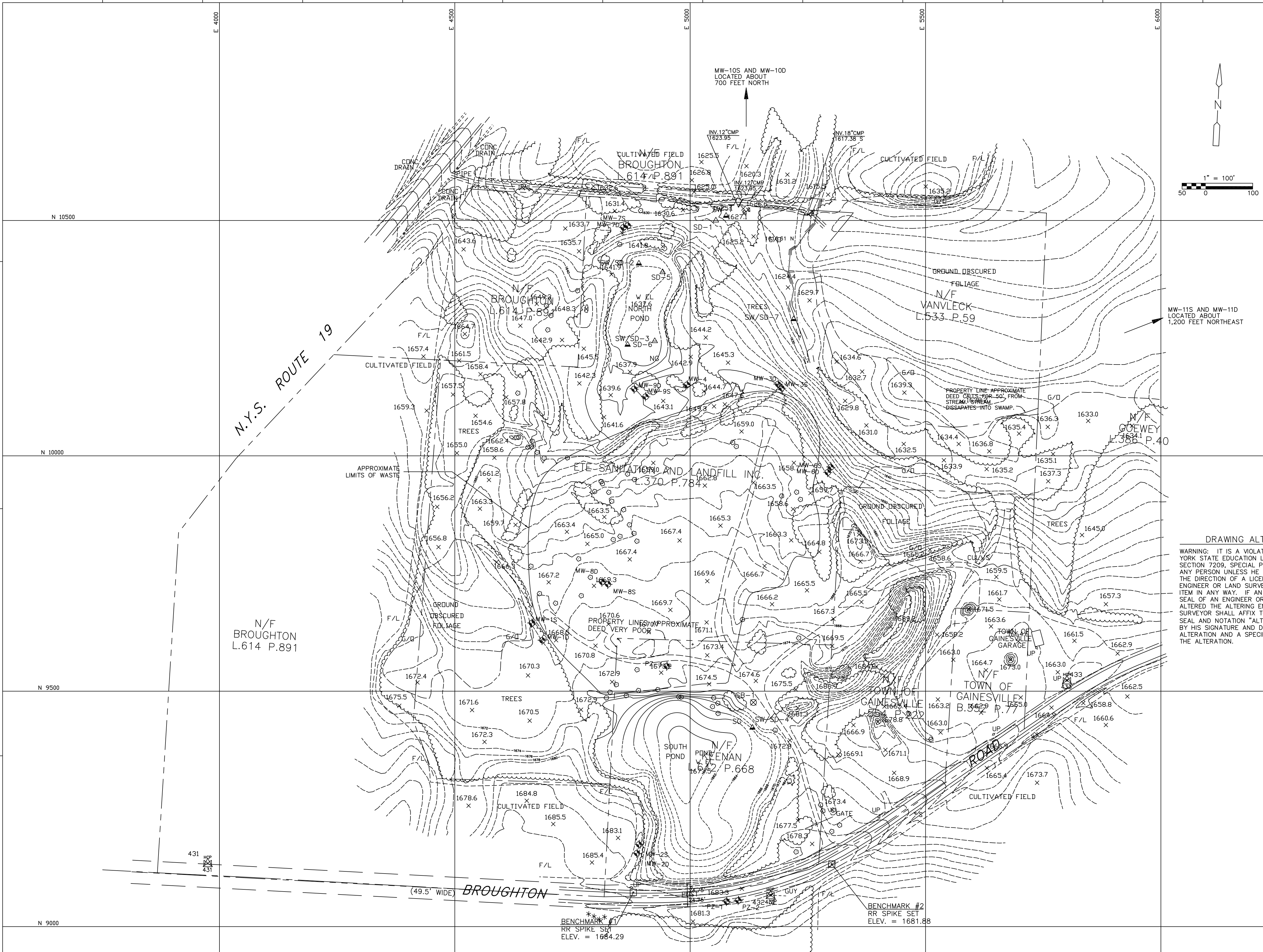
REMEDIAL DESIGN

EXISTING SITE PLAN

PROJECT NO. 0897-22149
FILE NAME: ETASPC01

SHEET NO.

C-1



MONITORING WELLS				
WELL ELEVATION TABLE (in feet)				
WELL ID	GROUND	TOP CASING	TOP PVC	ACTIVITY
PZ-1	1682.36	1682.52	1681.81	DECOMMISSION
PZ-2	1682.32	1682.51	1682.22	DECOMMISSION
PZ-3	1673.05	1675.69	1675.62	DECOMMISSION
MW-1S	1669.70	1672.19	1672.11	DECOMMISSION
MW-1D	1669.60	1672.33	1672.18	DECOMMISSION
MW-2S	1681.90	1684.63	1684.63	RETAIN
MW-2D	1682.00	1684.28	1684.29	RETAIN
MW-3S	1646.10	1648.84	1648.90	RETAIN
MW-3D	1646.10	1648.75	1648.80	RETAIN
MW-4	1643.80	1647.04	1647.01	DECOMMISSION
MW-6S	1653.33	1655.73	1655.69	RETAIN
MW-6D	1655.24	1657.66	1657.63	RETAIN
MW-7S	1632.12	1634.66	1634.60	RETAIN
MW-7D	1632.43	1634.60	1634.60	RETAIN
MW-8S	1668.66	1671.32	1671.26	DECOMMISSION
MW-8D	1668.85	1670.97	1671.02	DECOMMISSION
MW-9S	1642.67	1645.10	1645.07	RETAIN
MW-9D	1641.96	1644.36	1644.32	RETAIN
MW-10S	1600*			RETAIN
MW-10D	1600*			RETAIN
MW-11S	1610*			RETAIN
MW-11D	1610*			RETAIN

*APPROXIMATE GROUND ELEVATION
SEE SHT GB-3 FOR LOCATION AND ELEVATION OF THESE WELLS

DRAWING ALTERATION

WARNINGS: IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145, SECTION 7209, SPECIAL PROVISION 2, FOR ANY PERSON UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ENGINEER OR LAND SURVEYOR IS ALTERED THE ALTERING ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND DATE OF EACH ALTERATION AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

LEGEND

- MW MONITORING WELL
- PZ PIEZOMETER
- BENCHMARK
- APPROXIMATE LIMITS OF SOLID WASTE
- PROPERTY LINE

NOTES

- VERTICAL DATUM: FROM WELL ELEVATIONS SHOWN ON ORIGINAL TOPOGRAPHIC MAP PROVIDED BY NYSDEC.
- DATE OF SURVEY: APRIL 16, 1998, BY ENGINEERING-SCIENCE
290 ELWOOD DAVIS ROAD
LIVERPOOL, NEW YORK 13088
(315) 451-9560
- THIS SHEET IS INTENDED FOR GENERAL INFORMATION ONLY. REFER TO CIVIL SHEETS FOR SPECIFIC LOCATION OF EXISTING FEATURE.
- EXISTING CONTOURS SHOWN ON THE DRAWINGS ARE BASED ON INFORMATION AVAILABLE DURING PREPARATION OF THESE DRAWINGS. ACTUAL GROUND PROFILES AT TIME OF CONSTRUCTION MAY VARY FROM CONTOURS SHOWN. THE CONTRACTOR SHALL MAKE HIS OWN DETERMINATION OF EXISTING TOPOGRAPHY BEFORE BEGINNING WORK.
- THE CONTRACTOR IS ADVISED THAT EXPLOSIVE LANDFILL GAS AND POTENTIALLY HAZARDOUS OR TOXIC WASTE IS PRESENT ON SITE. THE CONTRACTOR IS RESPONSIBLE FOR BEING AWARE OF THE DANGERS OF WORKING ON SITE, AND EDUCATING AND TRAINING FOR HIS WORK FORCE.
- CONTRACTOR TO ABANDON MONITORING WELLS AND RETAIN MONIORING WELLS AS IDENTIFIED ON ABOVE TABLE. MONITORING WELLS TO BE RETAINED MAY BE MODIFIED TO REFLECT REVISED GRADING. IF MONITORING WELLS SCHEDULED TO BE RETAINED ARE DAMAGED, CONTRACTOR SHALL REPLACE WELLS. CONTRACTOR TO SURVEY MW-10S, MW-10D, MW-11S, AND MW-11D.

DRAWING ALTERATION

WARNING: IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145, SECTION 7209, SPECIAL PROVISION 2, FOR ANY PERSON UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND DATE OF EACH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



1" = 50'
25 0 50

NOTES:

1. CONTRACTOR TO EXCAVATE SOUTH POND (SEE DETAIL A/-)
2. MATERIAL EXCAVATED SHALL BE PLACED ON TOP OF THE LANDFILL IN AREAS SHOWN, THEN COVERED WITH A MINIMUM SIX INCHES OF MATERIAL FROM WEST CHANNEL TO OBTAIN GRADES.
3. CONTOURS SHOWN FOR STORM WATER CHANNELS ARE FINAL EXCAVATION CONTOURS. ONLY PARTIAL EXCAVATION OF WEST CHANNEL WILL OCCUR AT THIS PHASE.
4. CONTRACTOR TO REMOVE MISCELLANEOUS WASTE AND DEBRIS FROM THIS AREA. MATERIAL SHALL BE PLACED ON LANDFILL AND COVERED WITH A MINIMUM OF SIX INCHES OF SOIL OR DISPOSED OF OFF-SITE.
5. CONTRACTOR SHALL EXCAVATE A MINIMUM OF 18 INCHES. LIMITS OF EXCAVATION ARE APPROXIMATE AND SUBJECT TO FIELD VERIFICATION BY ENGINEER.
6. TEXTURED LINER SHALL BE PLACED AS SHOWN AND IN AREAS WHERE SLOPE IS GREATER THAN 30 PERCENT.

LEGEND

- DISPOSAL AREA FOR MATERIAL EXCAVATED FROM NORTH POND AND MATERIAL EXCAVATED FROM AREA BETWEEN LANDFILL AND SOUTH POND
- DISPOSAL AREA FOR MATERIAL EXCAVATED FROM SOUTH POND.
- LIMITS OF EXCAVATION FOR SOUTH POND
- TEXTURED LINER

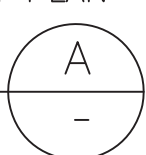
NOTE:
WASTE DID NOT EXIST IN THIS AREA, CONTRARY TO WHAT WAS INDICATED ON THE ORIGINAL DESIGN PLAN.

EXISTING TRASH LIMITS (APPROX)

PRE-EXCAVATION PLAN

DETAIL

1" = 50'



REV. NO.	DATE	DRWN	CHKD	REMARKS
2	6/08	WBW	EM	RECORD DRAWING - SEE GB-2 FOR RECORD SUBGRADE TOPO SURVEY
1	9/06	JDR	DLZ	REVISED NORTHING/EASTING COORDINATES PER PROJECT SURVEYOR DATUM
				CDM CORRECTIONS

DESIGNED BY: D. ZEIDERS
DRAWN BY: D. HAUSER
SHEET CHK'D BY: J. WOOD
CROSS CHK'D BY:
APPROVED BY: R. SANKARMANCHI
DATE: JULY 2000

CDM Camp Dresser & McKee



ETE SANITATION AND LANDFILL
WYOMING COUNTY, NEW YORK

REMEDIAL DESIGN

EXCAVATION AND ROUGH CONTOURS - SOUTH

PROJECT NO. 0897-22149
FILE NAME: ETASPC03

SHEET NO.

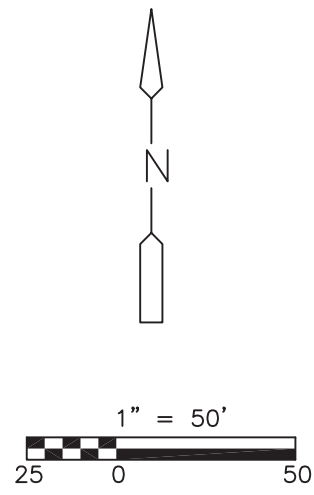
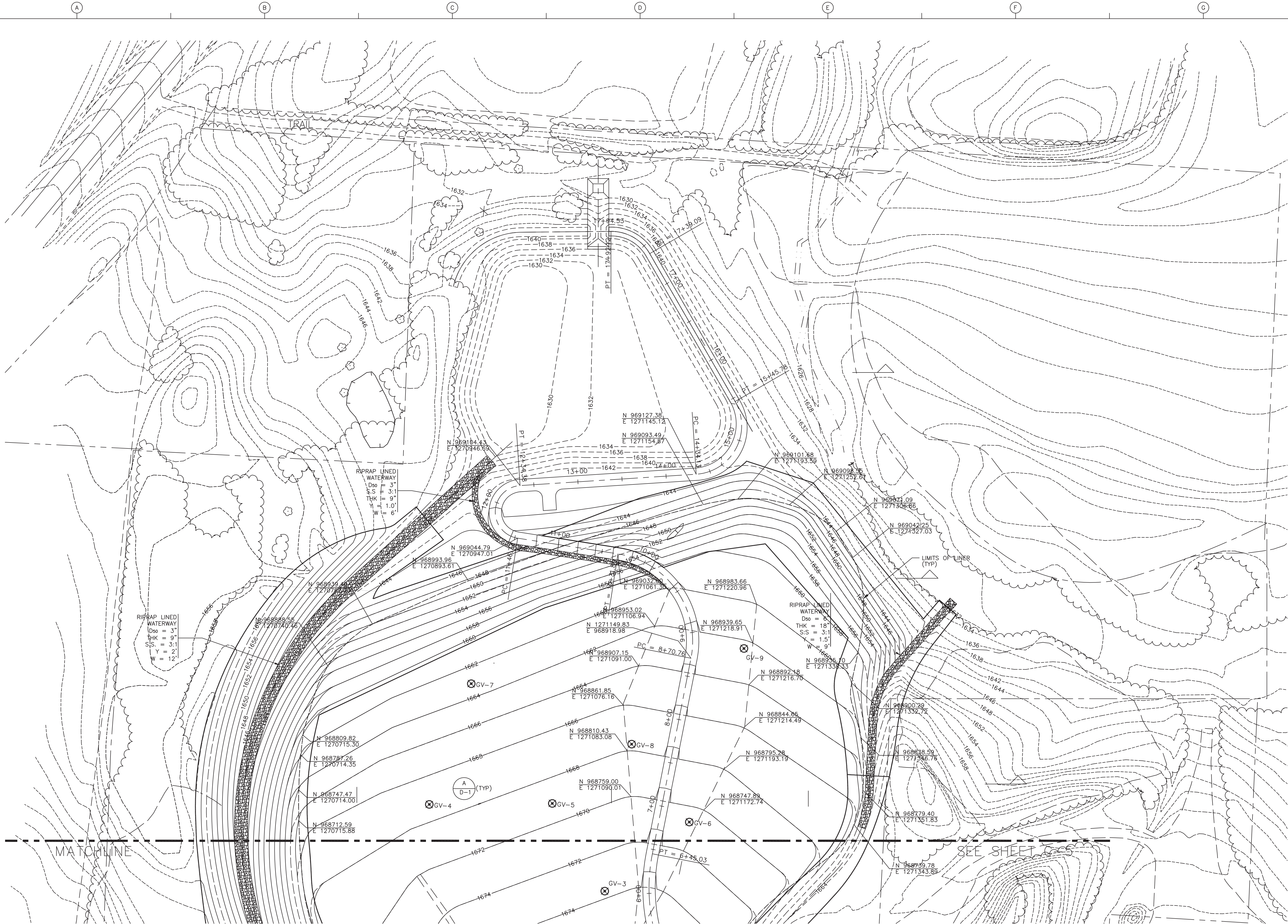
C-3

NOTE:
REVISED NORTHING AND EASTING COORDINATES
GENERATED BY CDM IN SEPTEMBER 2006 ARE
BASED ON DATUM PROVIDED BY:

GROVER & BATES ASSOCIATES
65 SOUTH MAIN STREET
PERRY, NY 14530

PZ1 WAS USED BY CDM AS THE BASE POINT FOR
ESTABLISHING THE REVISED NORTHING AND
EASTING COORDINATES. THE COORDINATES FOR
PZ1 AS ESTABLISHED BY GROVER & BATES
ASSOCIATES ARE AS FOLLOWS:

N: 968006.21744
E: 1271183.55010



GAS VENT LOCATION		
GAS VENT	NORTHING	EASTING
GV-1	N 968553.36	E 1271091.33
GV-2	N 968594.10	E 1270920.92
GV-3	N 968650.65	E 1271065.74
GV-4	N 968738.63	E 1270862.40
GV-5	N 968746.80	E 1271001.38
GV-6	N 968733.60	E 1271157.31
GV-7	N 968877.56	E 1270902.90
GV-8	N 968818.41	E 1271087.69
GV-9	N 5918.0114	E 5224.3829

LEGEND:

- EROSION CONTROL MAT
- GAS VENT

DRAWING ALTERATION

WARNING: IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145, SECTION 7209, SPECIAL PROVISION 2, FOR ANY PERSON UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND DATE OF EACH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NOTE:
REVISED NORTHING AND EASTING COORDINATES GENERATED BY CDM IN SEPTEMBER 2006 ARE BASED ON DATUM PROVIDED BY:

GROVER & BATES ASSOCIATES
65 SOUTH MAIN STREET
PERRY, NY 14850

P21 WAS USED BY CDM AS THE BASE POINT FOR ESTABLISHING THE REVISED NORTHING AND EASTING COORDINATES. THE COORDINATES FOR P21 AS ESTABLISHED BY GROVER & BATES ASSOCIATES ARE AS FOLLOWS:

N: 968006.21744
E: 1271183.55010

3	6/08	WBW	EM	RECORD DRAWING - SEE GB-2 FOR RECORD TOPO SURVEY
2	1/07	URS		ADDED DIVERSION BERM, UNDERDRAIN INTERCEPTOR & GAS STRIPS-SEE URS DWG 3
1				CDM CORRECTIONS
1	9/06	JDR	DLZ	REVISED NORTHING/EASTING COORDINATES PER PROJECT SURVEYOR DATUM
REV. NO.	DATE	DRWN	CHKD	

DESIGNED BY: D. ZEIDERS
DRAWN BY: D. HAUSER
SHEET CHK'D BY: J. WOOD
CROSS CHK'D BY:
APPROVED BY: R. SANKARMANCHI
DATE: JULY 2000

CDM Camp Dresser & McKee



ETE SANITATION AND LANDFILL
WYOMING COUNTY, NEW YORK
REMEDIAL DESIGN

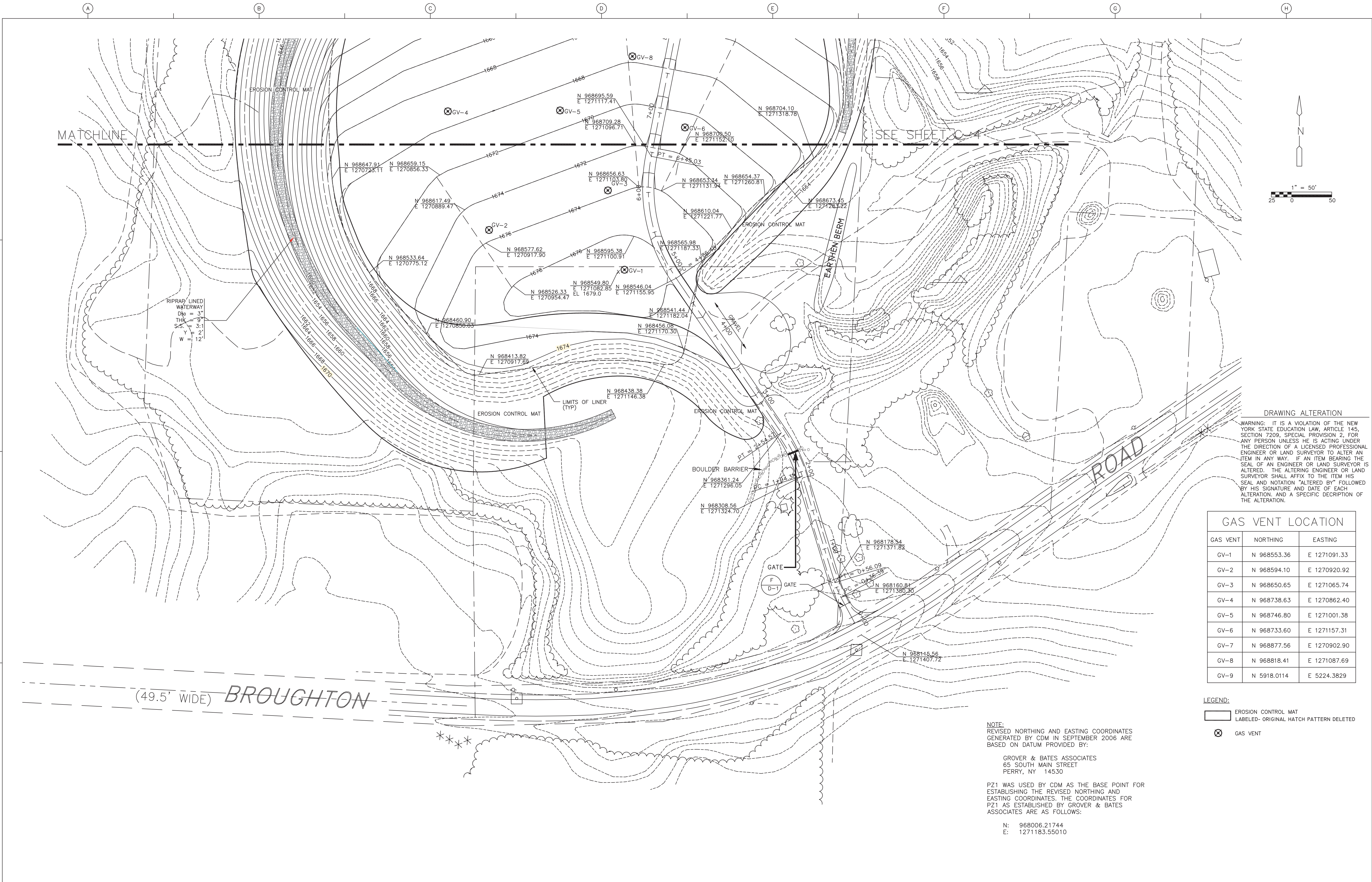
FINAL CONTOURS - NORTH

PROJECT NO. 0897-22149
FILE NAME: ETASPC04

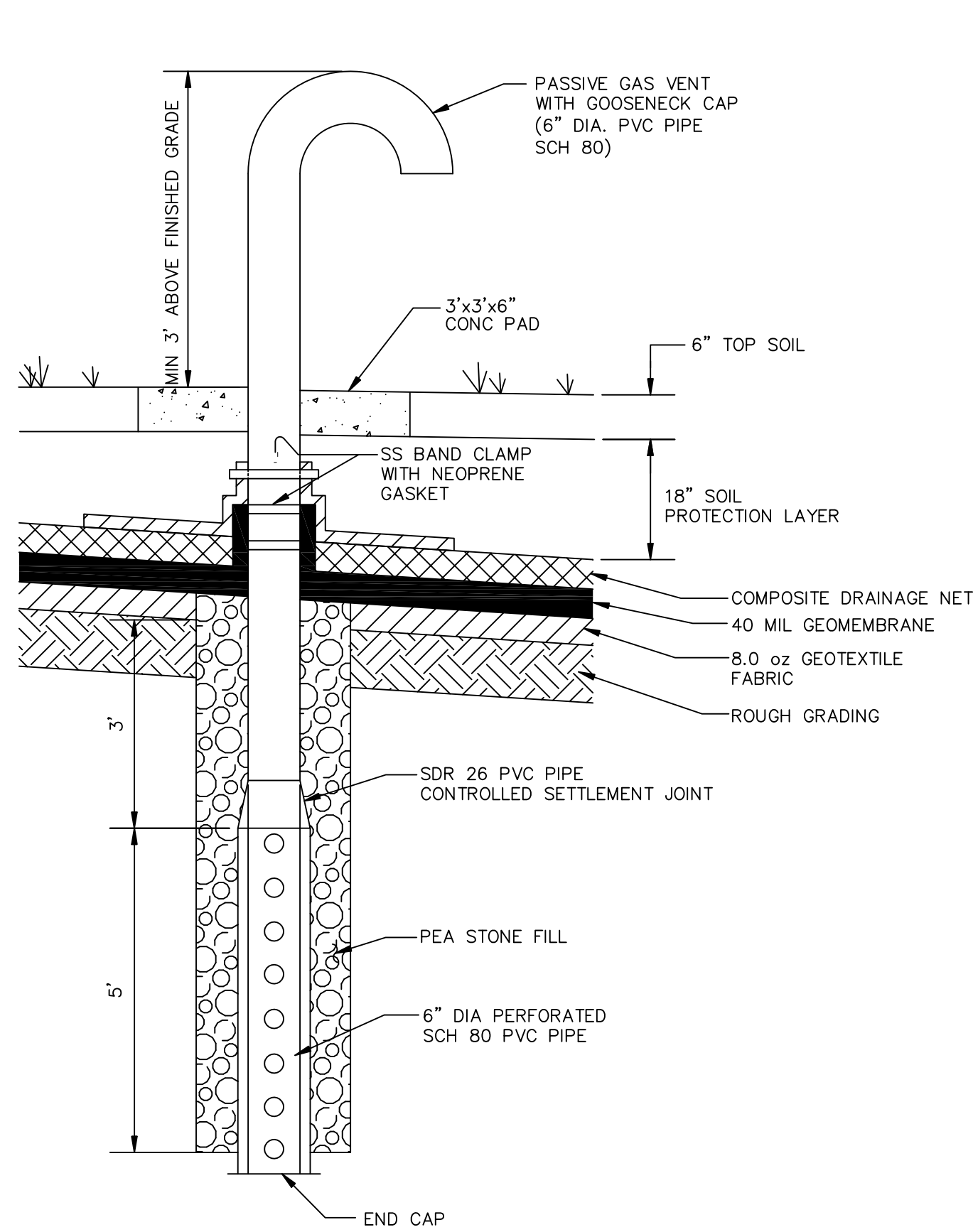
SHEET NO.

C-4

Filename: S:\ETE Landfill Revisions\Sep-06 Revisions\ETASPC05-REV.dwg Xref's: [X]BORDER, BASE08, [] Plotted by: ROBINSOND Time: 9/12/06 11:51:47 AM

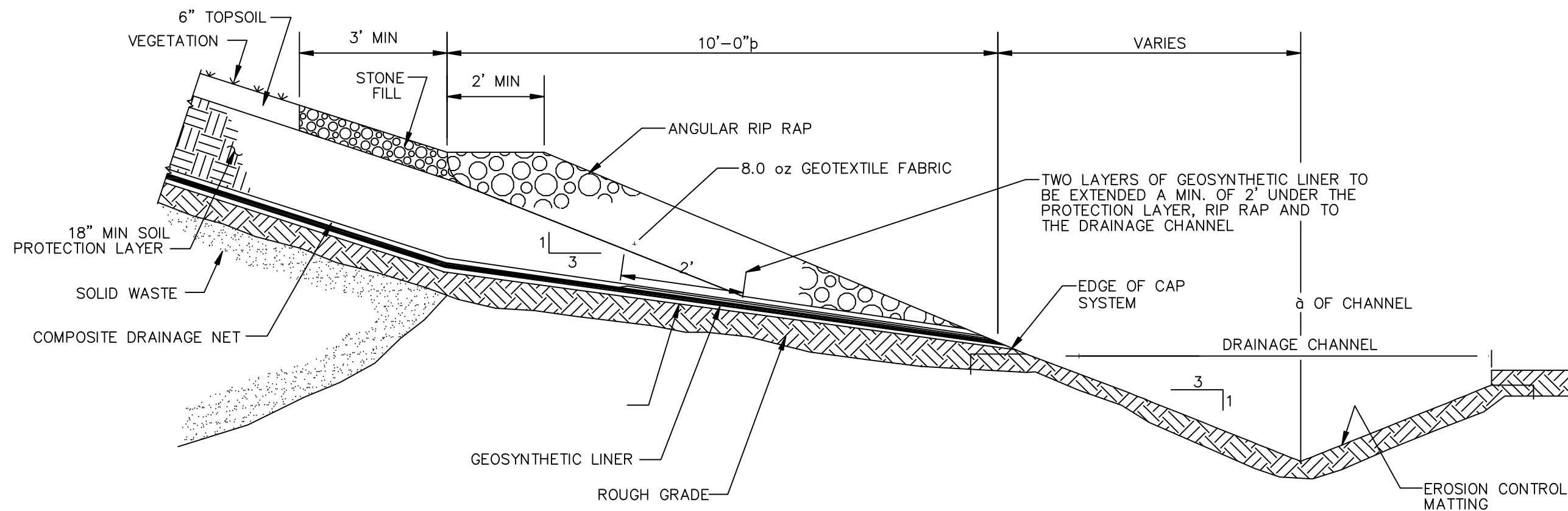
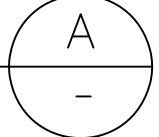


					DESIGNED BY: <u>D. ZEIDERS</u>	CDM Camp Dresser & McKee consulting engineering construction operations	ETE SANITATION AND LANDFILL WYOMING COUNTY, NEW YORK REMEDIAL DESIGN	FINAL CONTOURS – SOUTH	PROJECT NO. 0897-22149
3	6/08	WBW	EM	RECORD DRAWING – SEE GB-3 FOR RECORD TOPO SURVEY	DRAWN BY: <u>D. HAUSER</u>				FILE NAME: ETASPC05
2	1/07	URS		CHANGED ASPHALT PAVEMENT TO GRAVEL, REGRADED GRAVEL RD OVER CAP, ADDED GAS VENT STRIPS– SEE URS DWG-1	SHEET CHK'D BY: <u>J. WOOD</u>				
1	9/06	JDR	DLZ	REVISED NORTHING/EASTING COORDINATES PER PROJECT SURVEYOR DATUM	CROSS CHK'D BY: _____				SHEET NO.
REV. NO.	DATE	DRWN	CHKD		APPROVED BY: <u>R. SANKARMANCHI</u>				C-5
					DATE: <u>JULY 2000</u>				



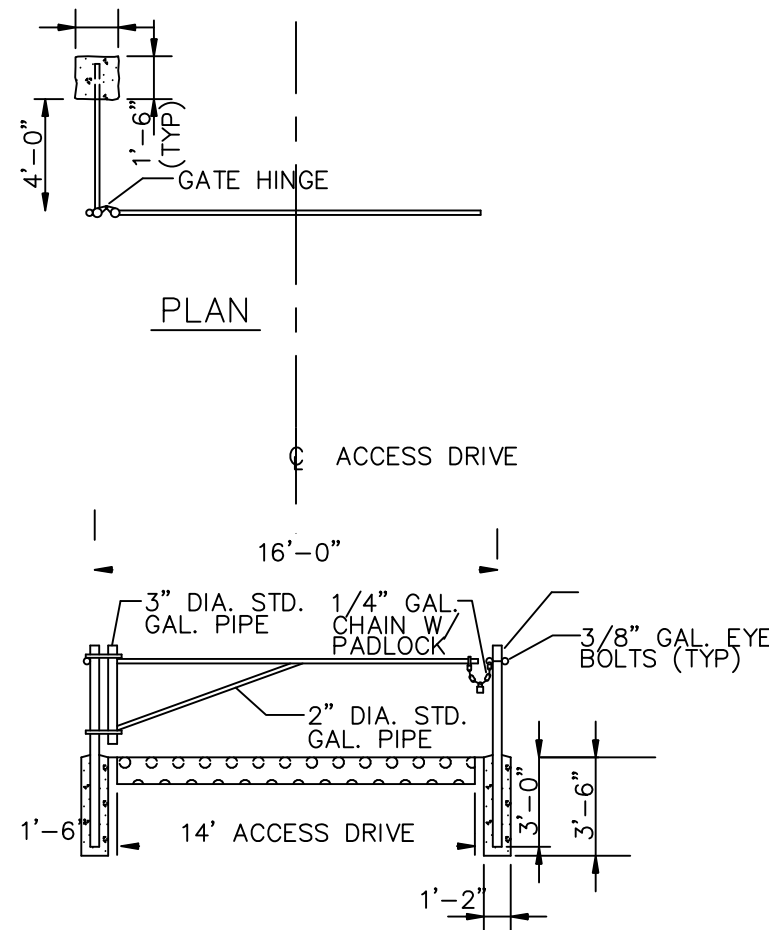
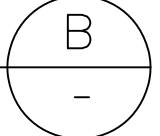
LANDFILL CAP CROSS SECTION WITH GAS VENT

DETAIL
NTS

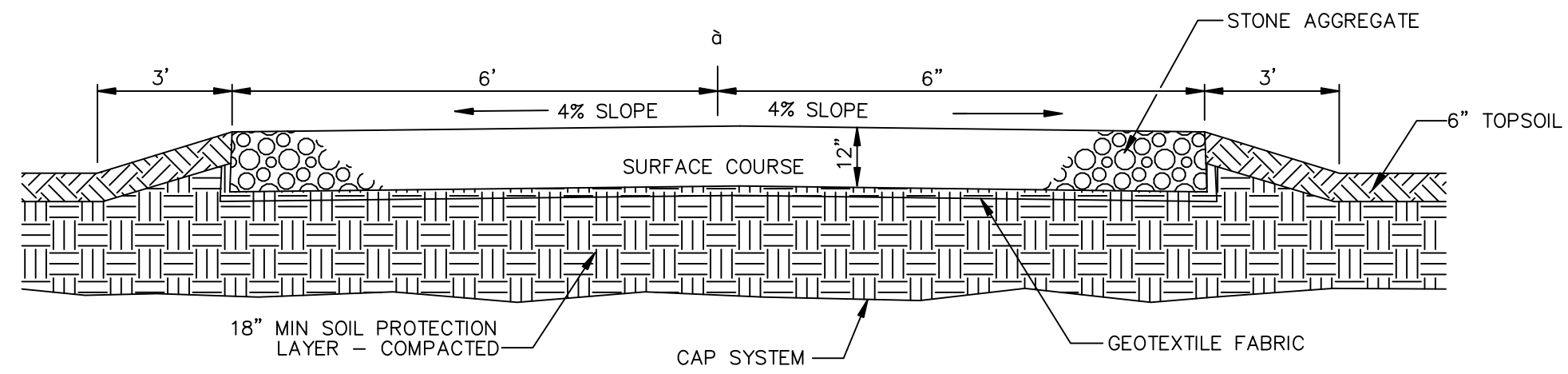


TOE DRAIN/DRAINAGE CHANNEL

DETAIL
NTS

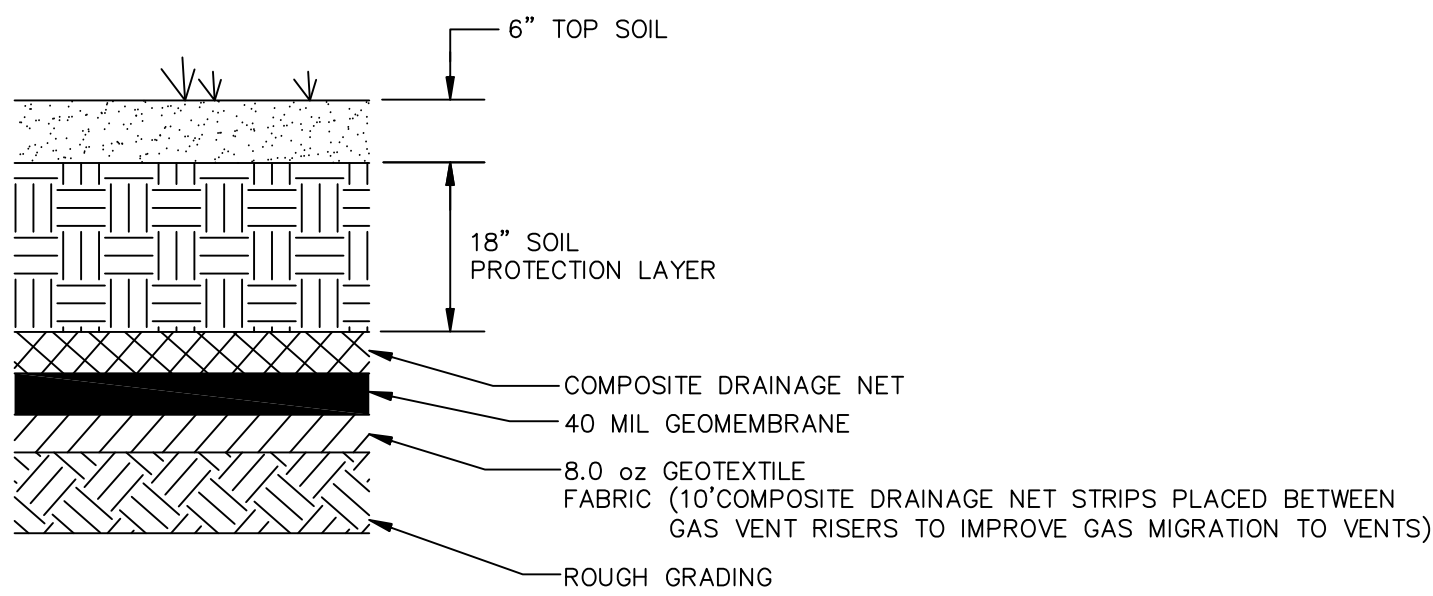
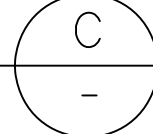


ELEVATION



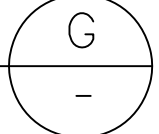
GRAVEL ACCESS ROAD

DETAIL
NTS



TYPICAL CAP CROSS SECTION

DETAIL
NTS



DRAWING ALTERATION

WARNING: IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145, SECTION 7209, SPECIAL PROVISION 2, FOR ANY PERSON UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ENGINEER OR LAND SURVEYOR IS ALTERED THE ALTERING ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND DATE OF EACH ALTERATION AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

1	6/08	WBW	EM	RECORD DRAWING
REV. NO.	DATE	DRWN	CHKD	

DESIGNED BY: J. WOOD
DRAWN BY: D. HAUSER
SHEET CHK'D BY:
CROSS CHK'D BY:
APPROVED BY: R. SANKARMANCHI
DATE: JULY 2000



ETE SANITATION AND LANDFILL
WYOMING COUNTY, NEW YORK
REMEDIAL DESIGN

TYPICAL DETAILS

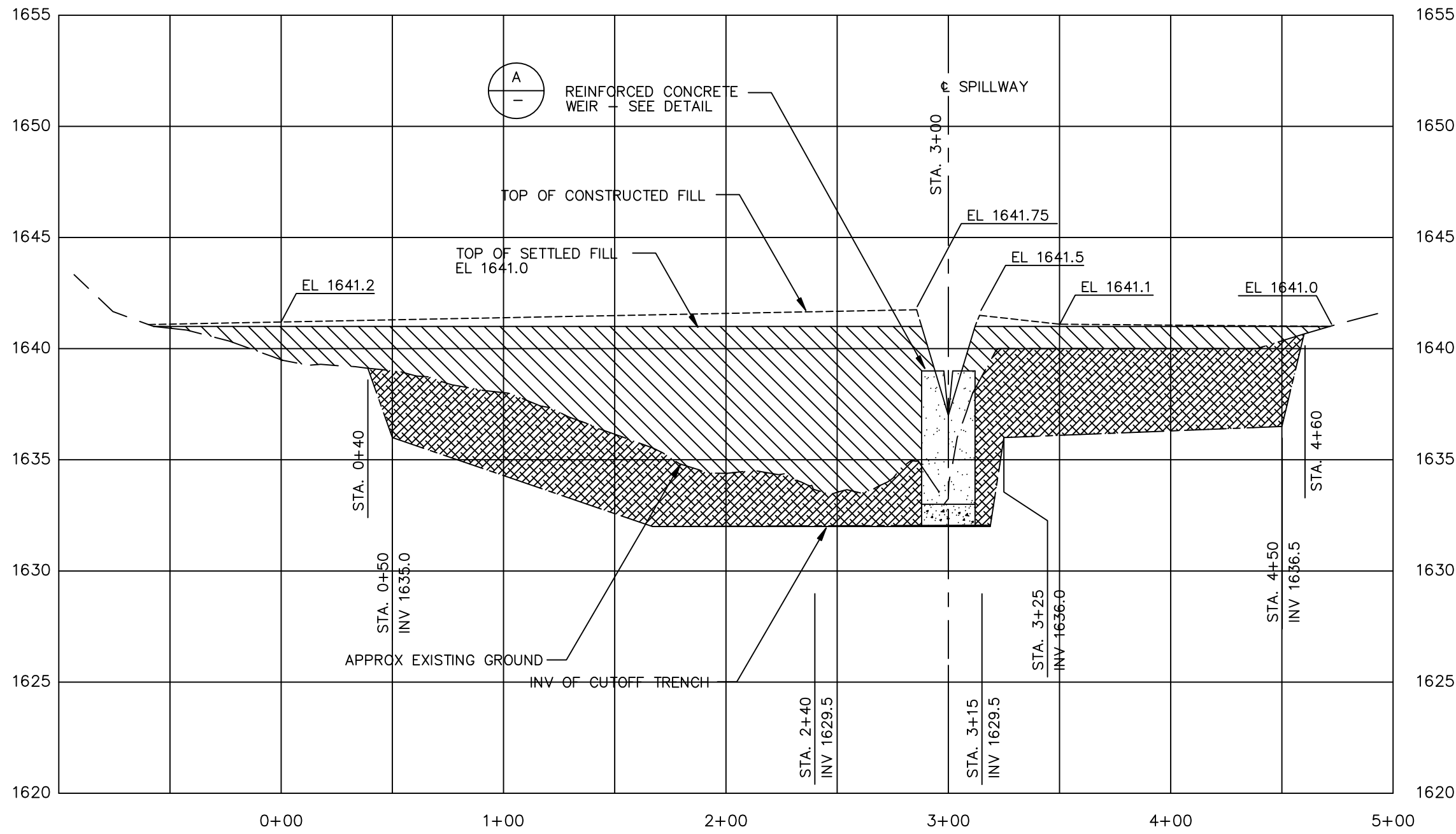
PROJECT NO. 0897-22149
FILE NAME: ETADTD01

SHEET NO.

D-1

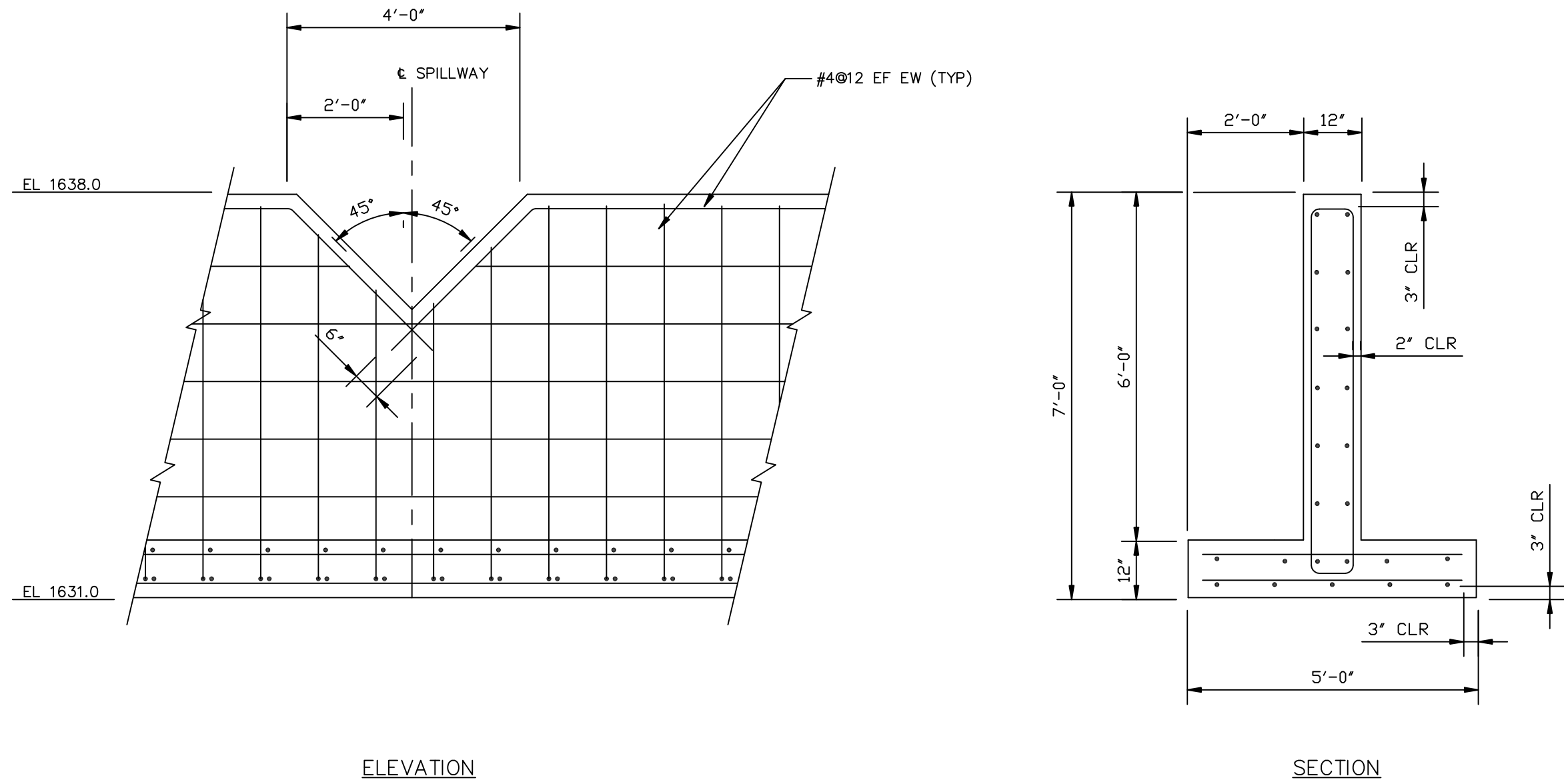


S:\DWG\0897-ETE\A-CLOSE\1096\ETADTD03 07/06/00 10:51:10 7:38:31 C. MILLER



NORTH POND ð DAM PROFILE LOOKING UPSTREAM

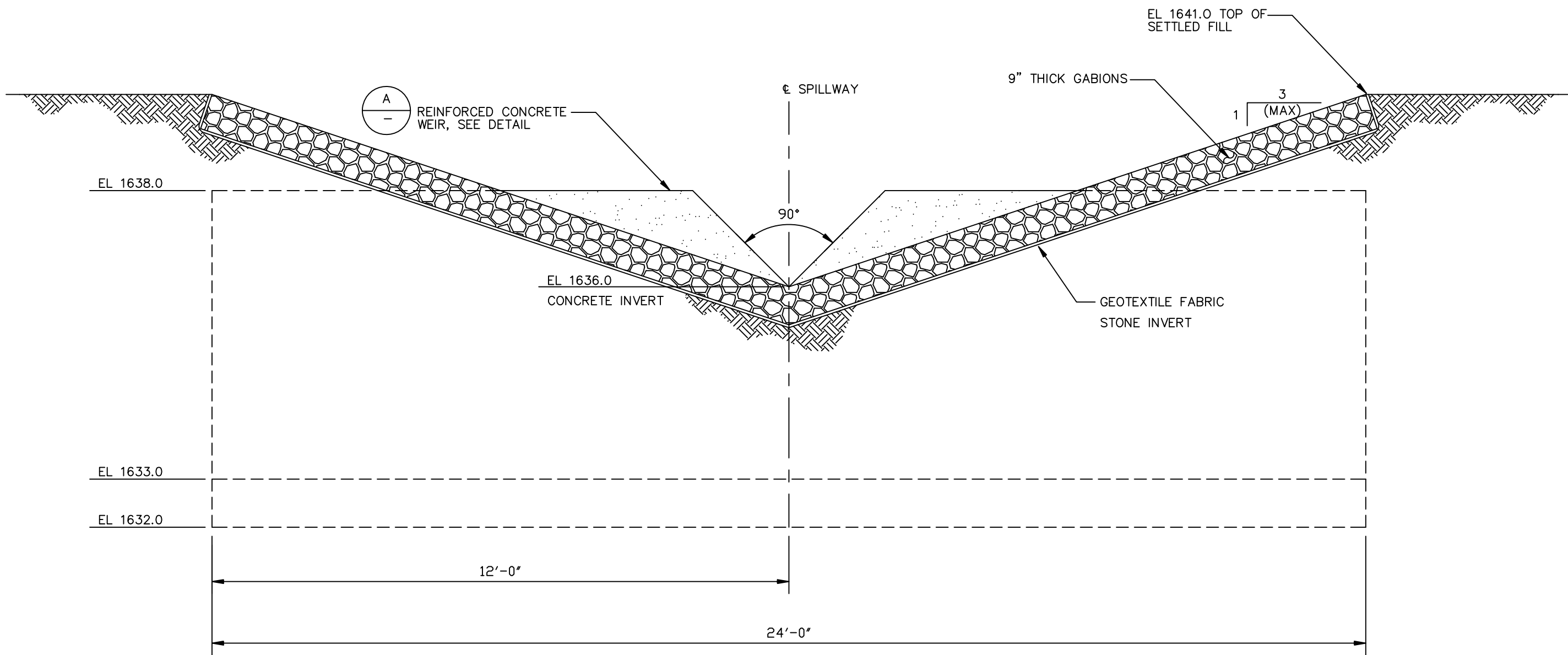
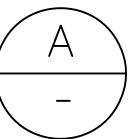
SCALE: HORIZ. 1"=50'
VERT. 1"=5'



REINFORCED CONCRETE SPILLWAY WEIR

DETAIL

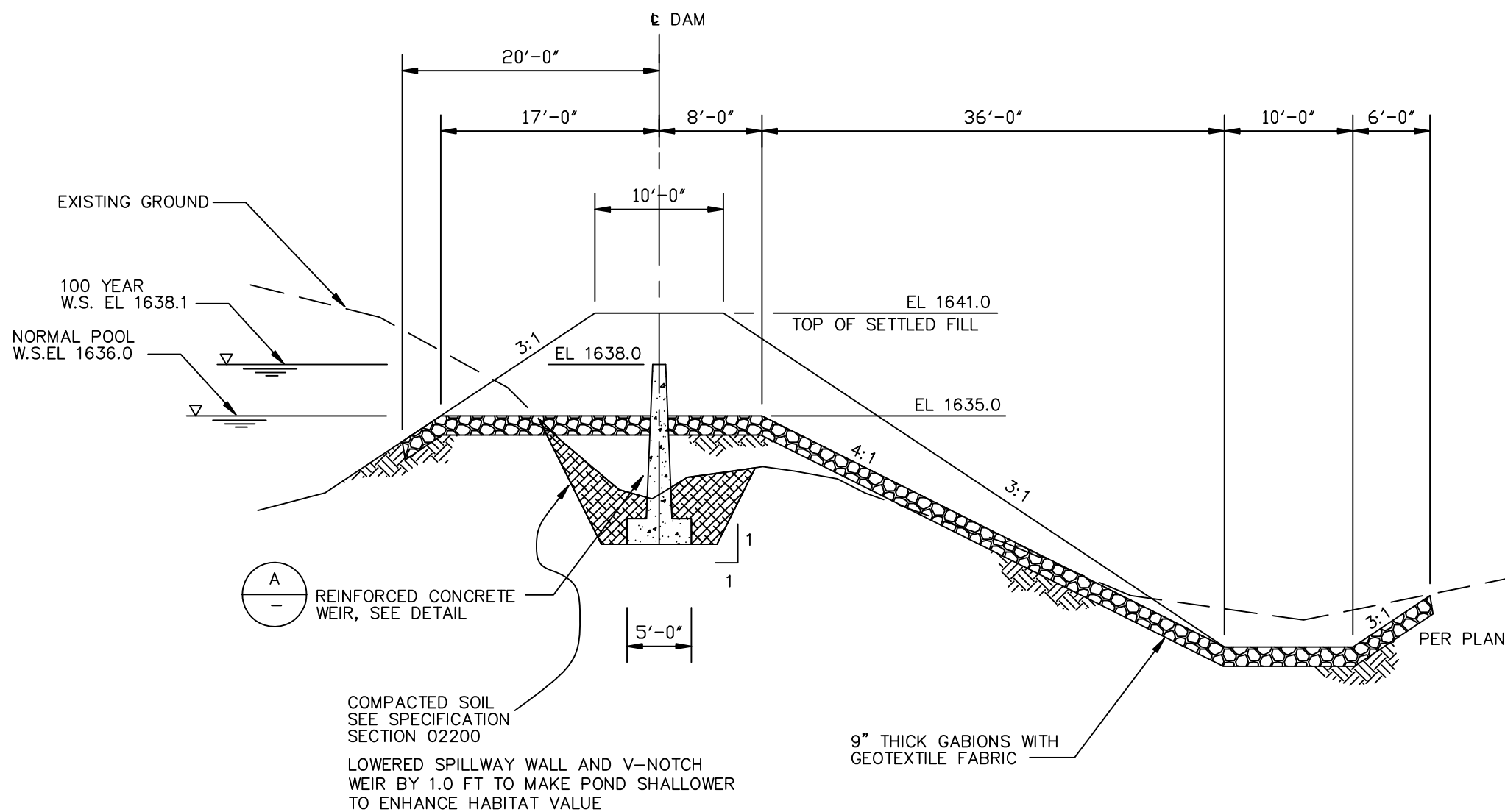
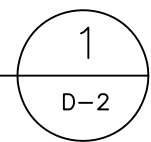
1"=2'-0"



SPILLWAY

SECTION 1

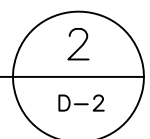
1"=2'-0"



SPILLWAY

SECTION 2

SCALE: HORIZ. 1"=10'
VERT. 1"=5'



DRAWING ALTERATION

WARNING: IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145, SECTION 7209, SPECIAL PROVISION 2, FOR ANY PERSON UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ENGINEER OR LAND SURVEYOR IS ALTERED THE ALTERING ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND DATE OF EACH ALTERATION AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

1	6/08	WBW	EM	RECORD DRAWING
REV. NO.	DATE	DRWN	CHKD	

DESIGNED BY: D. ZEIDERS
DRAWN BY: D. HAUSER
SHEET CHK'D BY: J. WOOD
CROSS CHK'D BY:
APPROVED BY: R. SANKARMANCHI
DATE: JULY 2000

CDM Camp Dresser & McKee
consulting
engineering
construction
operations

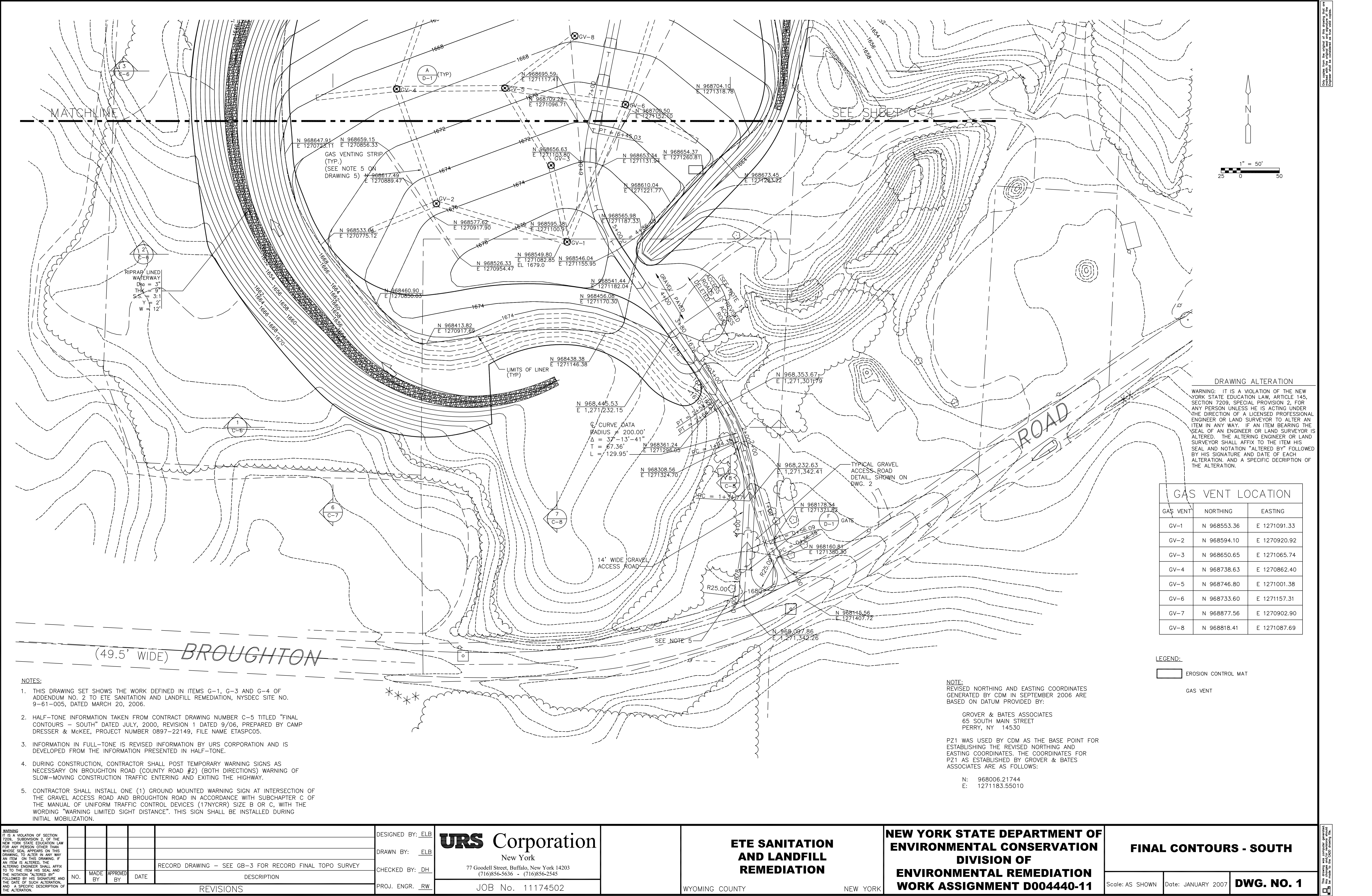
ETE SANITATION AND LANDFILL
WYOMING COUNTY, NEW YORK
REMEDIAL DESIGN

NORTH POND DETAILS

PROJECT NO. 0897-22149
FILE NAME: ETASPD03

SHEET NO.

D-3



Only copies from this original set of drawings may be used for construction. Any other copies shall be considered as void.

Matchline

SEE SHEET C-4

1" = 50'

25 0 50

ROAD

LEGEND:

EROSION CONTROL MAT

GAS VENT

NOTES:

1. THIS DRAWING SET SHOWS THE WORK DEFINED IN ITEMS G-1, G-3 AND G-4 OF ADDENDUM NO. 2 TO ETE SANITATION AND LANDFILL REMEDIATION, NYSDEC SITE NO. 9-61-005, DATED MARCH 20, 2006.

2. HALF-TONE INFORMATION TAKEN FROM CONTRACT DRAWING NUMBER C-5 TITLED "FINAL CONTOURS - SOUTH" DATED JULY, 2000, REVISION 1 DATED 9/06, PREPARED BY CAMP DRESSER & McKEE, PROJECT NUMBER 0897-22149, FILE NAME ETASPC05.

3. INFORMATION IN FULL-TONE IS REVISED INFORMATION BY URS CORPORATION AND IS DEVELOPED FROM THE INFORMATION PRESENTED IN HALF-TONE.

4. DURING CONSTRUCTION, CONTRACTOR SHALL POST TEMPORARY WARNING SIGNS AS NECESSARY ON BROUGHTON ROAD (COUNTY ROAD #2) (BOTH DIRECTIONS) WARNING OF SLOW-MOVING CONSTRUCTION TRAFFIC ENTERING AND EXITING THE HIGHWAY.

5. CONTRACTOR SHALL INSTALL ONE (1) GROUND MOUNTED WARNING SIGN AT INTERSECTION OF THE GRAVEL ACCESS ROAD AND BROUGHTON ROAD IN ACCORDANCE WITH SUBCHAPTER C OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (17NYCCR) SIZE B OR C, WITH THE WORDING "WARNING LIMITED SIGHT DISTANCE". THIS SIGN SHALL BE INSTALLED DURING INITIAL MOBILIZATION.

NOTE: REVISED NORTHING AND EASTING COORDINATES GENERATED BY CDM IN SEPTEMBER 2006 ARE BASED ON DATUM PROVIDED BY:

GROVER & BATES ASSOCIATES
65 SOUTH MAIN STREET
PERRY, NY 14530

PZ1 WAS USED BY CDM AS THE BASE POINT FOR ESTABLISHING THE REVISED NORTHING AND EASTING COORDINATES. THE COORDINATES FOR PZ1 AS ESTABLISHED BY GROVER & BATES ASSOCIATES ARE AS FOLLOWS:

N: 968006.21744
E: 1271183.55010

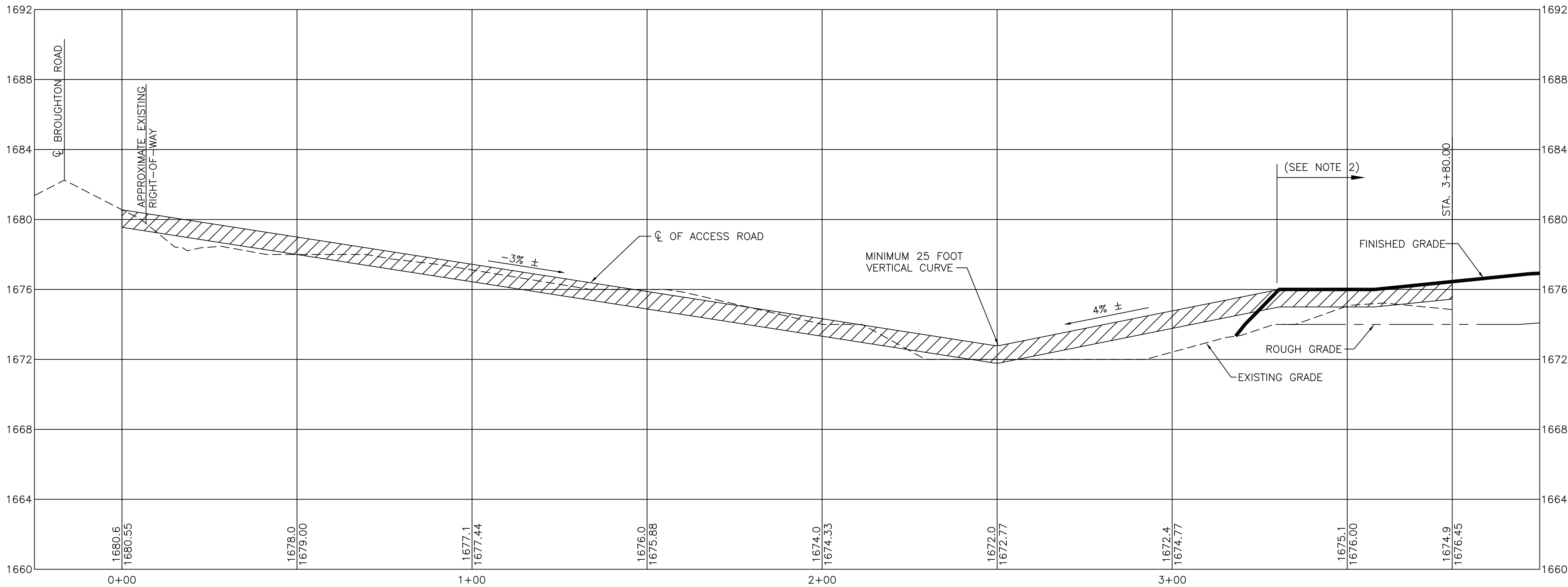
REVISIONS

DESIGNED BY: ELB
DRAWN BY: ELB
CHECKED BY: DH
PROJ. ENGR. RW

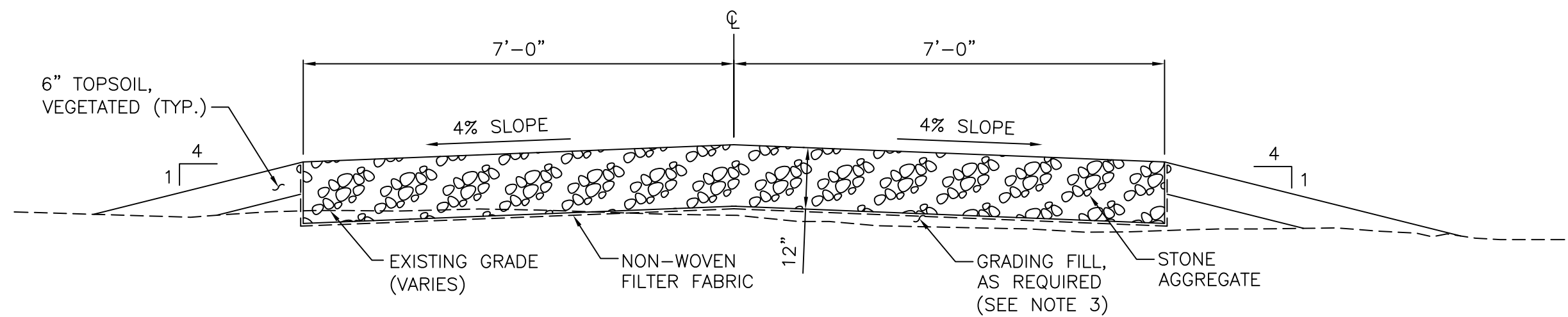
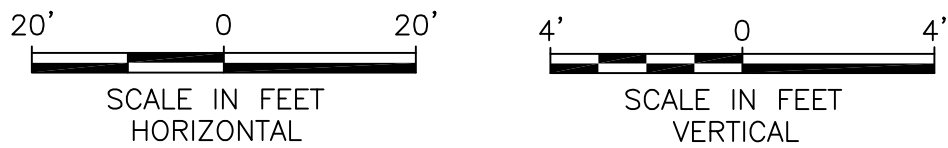
URS Corporation
New York
77 Goodell Street, Buffalo, New York 14203
(716)856-5636 - (716)856-2545
JOB No. 11174502

ETE SANITATION AND LANDFILL REMEDIATION
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
WORK ASSIGNMENT D004440-11
NEW YORK

FINAL CONTOURS - SOUTH
Scale: AS SHOWN
Date: JANUARY 2007
DWG. NO. 1



ACCESS ROAD PROFILE



TYPICAL GRAVEL ACCESS ROAD DETAIL

NOT TO SCALE

NOTES:

- SEE NOTES ON DRAWING NO. 1.
- VERTICAL ALIGNMENT IS SHOWN CONCEPTUALLY AND SHALL BE ADJUSTED TO MEET FIELD CONDITIONS.
- ROAD SHALL TIE INTO FINISHED GRADE SHOWN ON CONTRACT DRAWINGS C-5 AND C-13.
- GRADING FILL SHALL BE CLEAN NATIVE SOILS EXCAVATED FROM GRAVEL ACCESS ROAD ALIGNMENT, PLACED AND COMPACTED AS DEFINED IN CONTRACT SPECIFICATION, SECTION 02200, PARAGRAPH 3.03 ROUGH GRADING.

WARNING IT IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON OTHER THAN WHOSE SEAL APPEARS ON THIS DRAWING TO ALTER IN ANY WAY AN ITEM ON THIS DRAWING. IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION AND A SPECIFIC DESCRIPTION OF THE ALTERATION.				
NO.	MADE BY	APPROVED BY	DATE	DESCRIPTION

REVISIONS

DESIGNED BY: <u>RW</u>
DRAWN BY: <u>ELB</u>
CHECKED BY: <u>DH</u>
PROJ. ENGR. <u>RW</u>

URS Corporation
New York
77 Goodell Street, Buffalo, New York 14203
(716)856-5636 - (716)856-2545

JOB No. 11174502

**ETE SANITATION
AND LANDFILL
REMEDIATION**

WYOMING COUNTY

NEW YORK

**NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION
DIVISION OF
ENVIRONMENTAL REMEDIATION
WORK ASSIGNMENT D004440-11**

**ACCESS ROAD PROFILE
AND DETAILS**

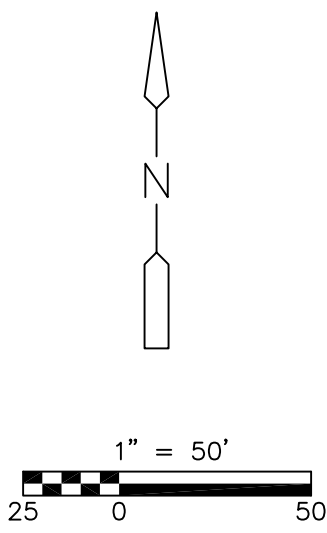
Scale: AS SHOWN

Date: JANUARY 2007

DWG. NO. 2

This drawing was created, generated, modified, or revised using AutoCAD software. It is the property of URS Corporation and shall be used only for the project and location specified on the title block.

Only copies from this original of this drawing may be used for construction. Engineer shall be responsible for the validity of the copy.



GAS VENT LOCATION		
GAS VENT	NORTHING	EASTING
GV-1	N 968553.36	E 1271091.33
GV-2	N 968594.10	E 1270920.92
GV-3	N 968650.65	E 1271065.74
GV-4	N 968738.63	E 1270862.40
GV-5	N 968746.80	E 1271001.38
GV-6	N 968733.60	E 1271157.31
GV-7	N 968877.56	E 1270902.90
GV-8	N 968818.41	E 1271087.69

LEGEND:

- EROSION CONTROL MAT
- GAS VENT

DRAWING ALTERATION

WARNING: IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145, SECTION 7209, SPECIAL PROVISION 2, FOR ANY PERSON UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND DATE OF EACH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NOTE: REVISED NORTHING AND EASTING COORDINATES GENERATED BY CDM IN SEPTEMBER 2006 ARE BASED ON DATUM PROVIDED BY:

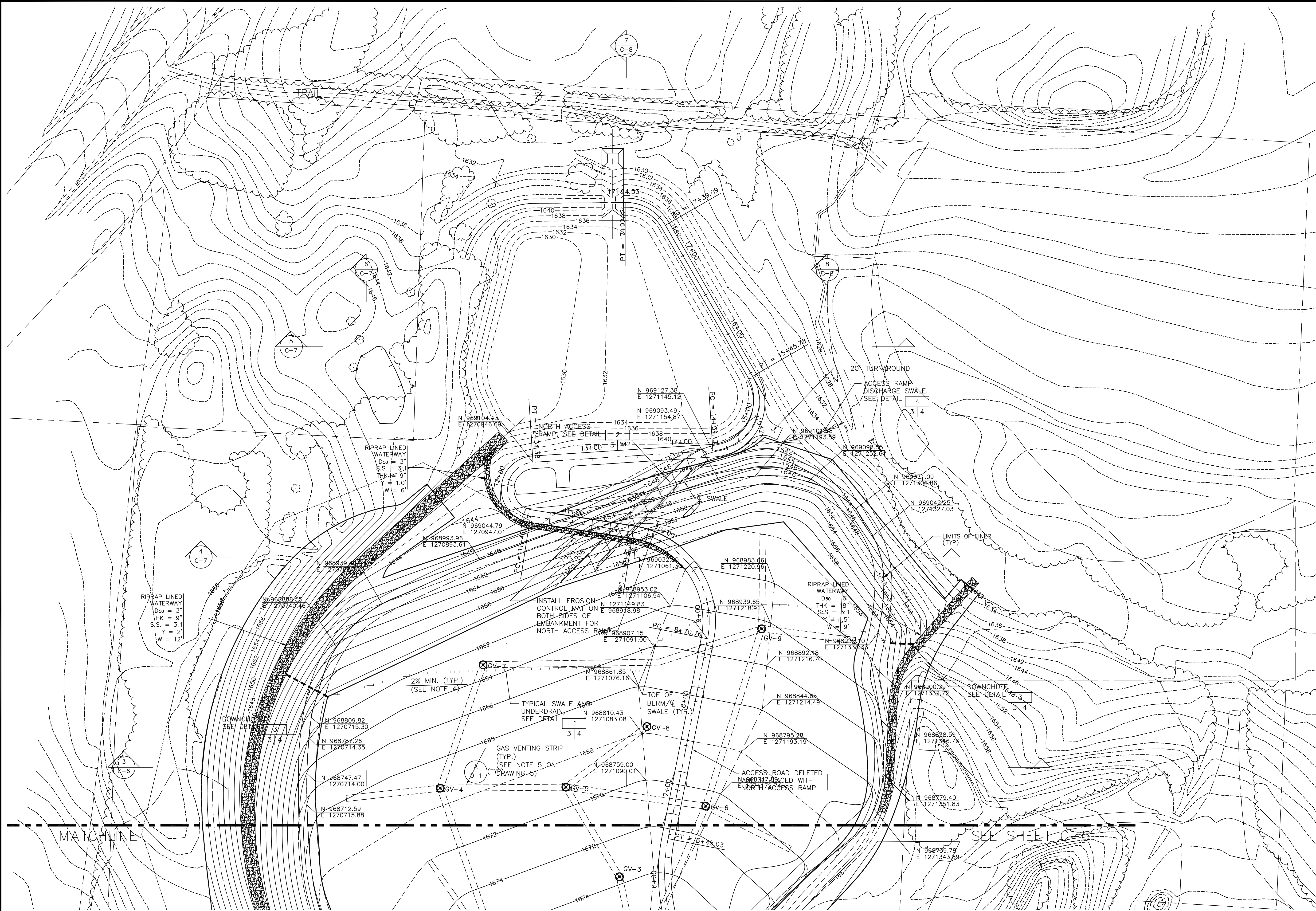
GROVER & BATES ASSOCIATES
65 SOUTH MAIN STREET
PERRY, NY 14530

PZ1 WAS USED BY CDM AS THE BASE POINT FOR ESTABLISHING THE REVISED NORTHING AND EASTING COORDINATES. THE COORDINATES FOR PZ1 AS ESTABLISHED BY GROVER & BATES ASSOCIATES ARE AS FOLLOWS:

N: 968006.21744
E: 1271183.55010

NOTES:

- THIS DRAWING SET SHOWS THE WORK DEFINED IN ITEMS C-1, C-3 AND C-4 OF ADDENDUM NO. 2 TO ETE SANITATION AND LANDFILL REMEDIATION, NYSDCC SITE NO. 9-61-005, DATED MARCH 20, 2006.
- HALF-TONE INFORMATION TAKEN FROM CONTRACT DRAWING NUMBER C-4 TITLED "FINAL CONTOURS - NORTH" DATED JULY, 2000, REVISION 1 DATED 9/06, PREPARED BY CAMP DRESSER & MCKEE, PROJECT NUMBER 0897-22149, FILE NAME ETASPC04.
- INFORMATION IN FULL-TONE IS REVISED INFORMATION BY URS CORPORATION AND IS DEVELOPED FROM THE INFORMATION PRESENTED IN HALF-TONE.
- THE LOCATION OF THE SWALE AND UNDERDRAIN IS SHOWN APPROXIMATELY AND SHALL BE MODIFIED IN THE FIELD TO ACHIEVE 2% MINIMUM SLOPE.



WARNING: IT IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON OTHER THAN WHOSE SEAL APPEARS ON THIS DRAWING TO ALTER IN ANY WAY AN ITEM ON THIS DRAWING. IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NO.	MADE BY	APPROVED BY	DATE	DESCRIPTION
				RECORD DRAWING
REVISIONS				

DESIGNED BY: <u>ELB</u>
DRAWN BY: <u>ELB</u>
CHECKED BY: <u>DH</u>
PROJ. ENGR. <u>RW</u>

URS Corporation
New York
77 Goodell Street, Buffalo, New York 14203
(716)856-5636 - (716)856-2545

JOB No. 11174502

ETE SANITATION AND LANDFILL REMEDIATION

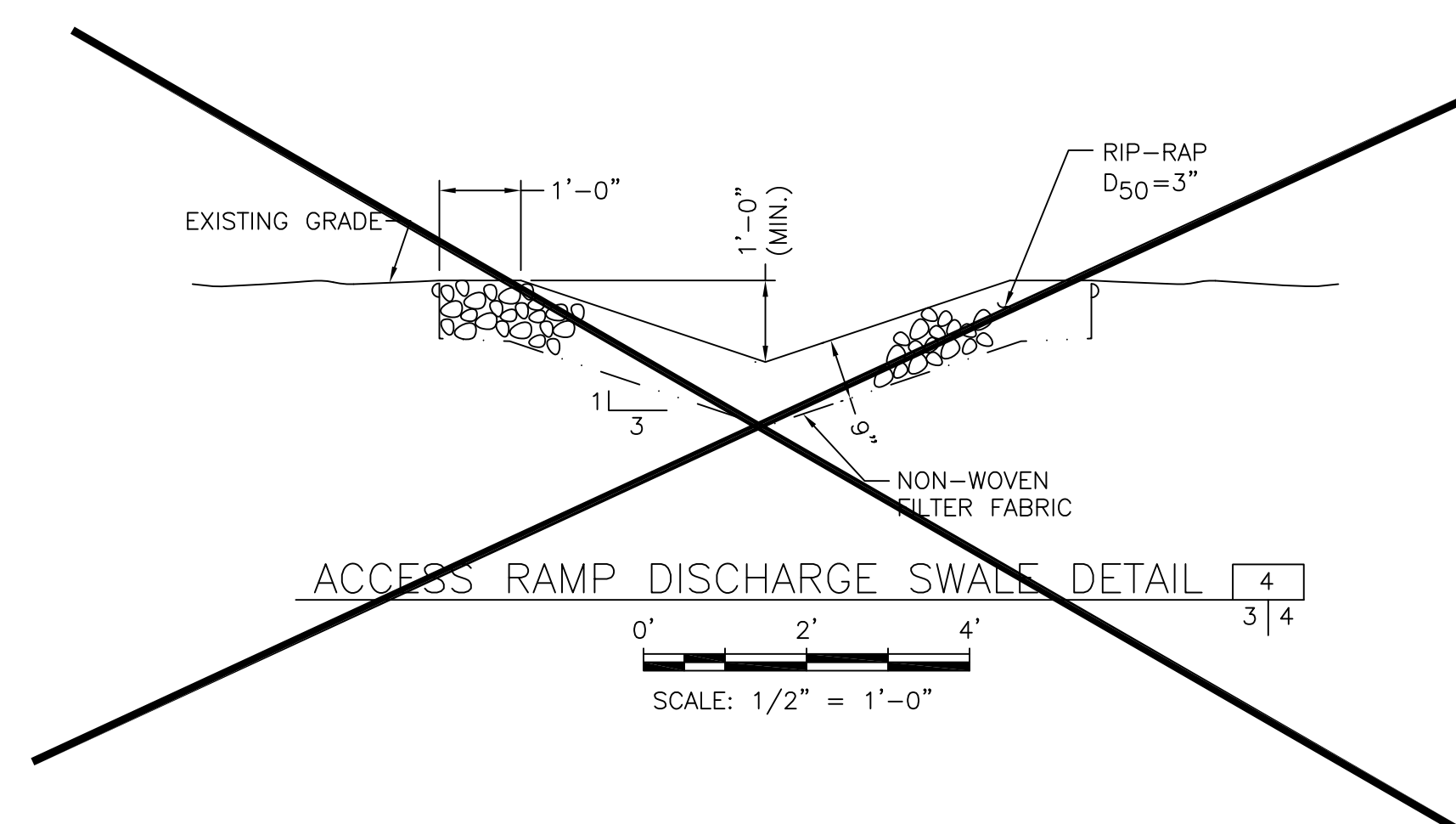
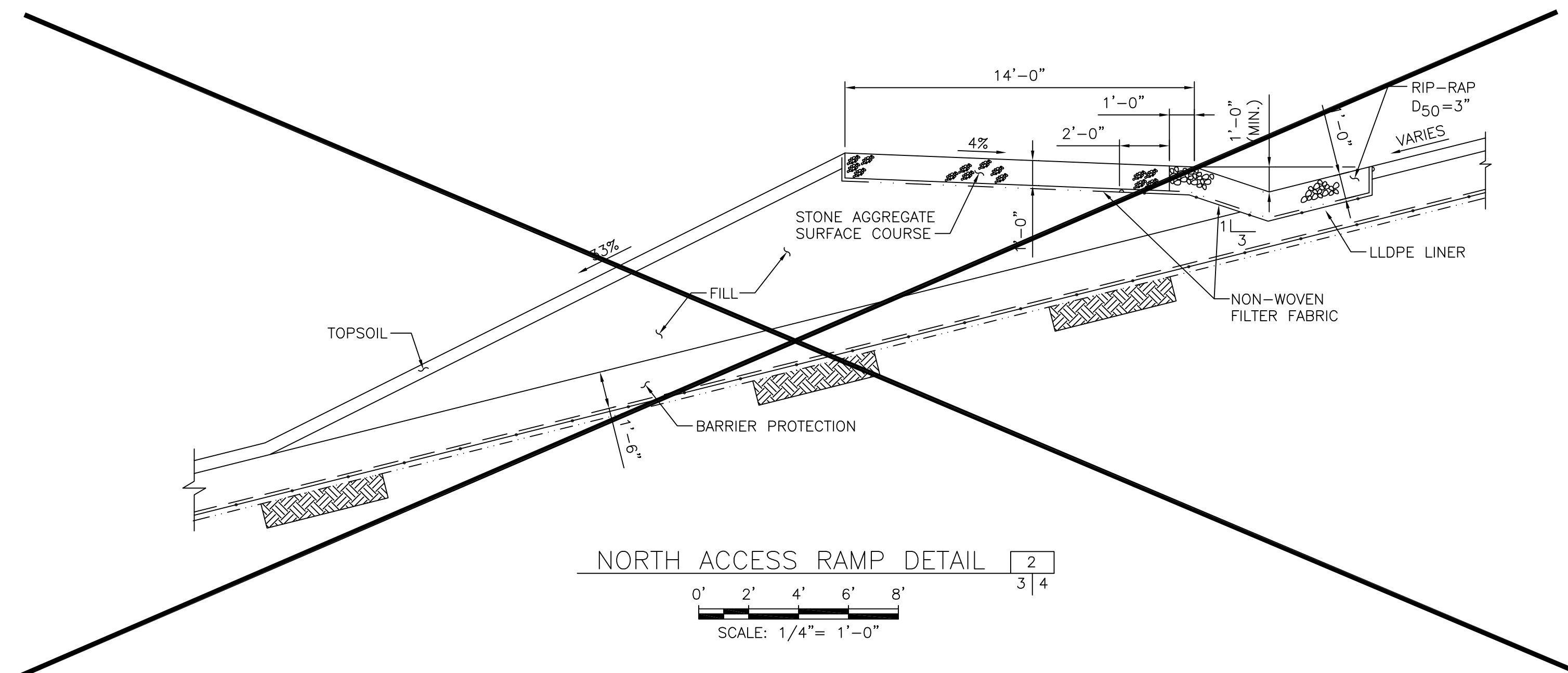
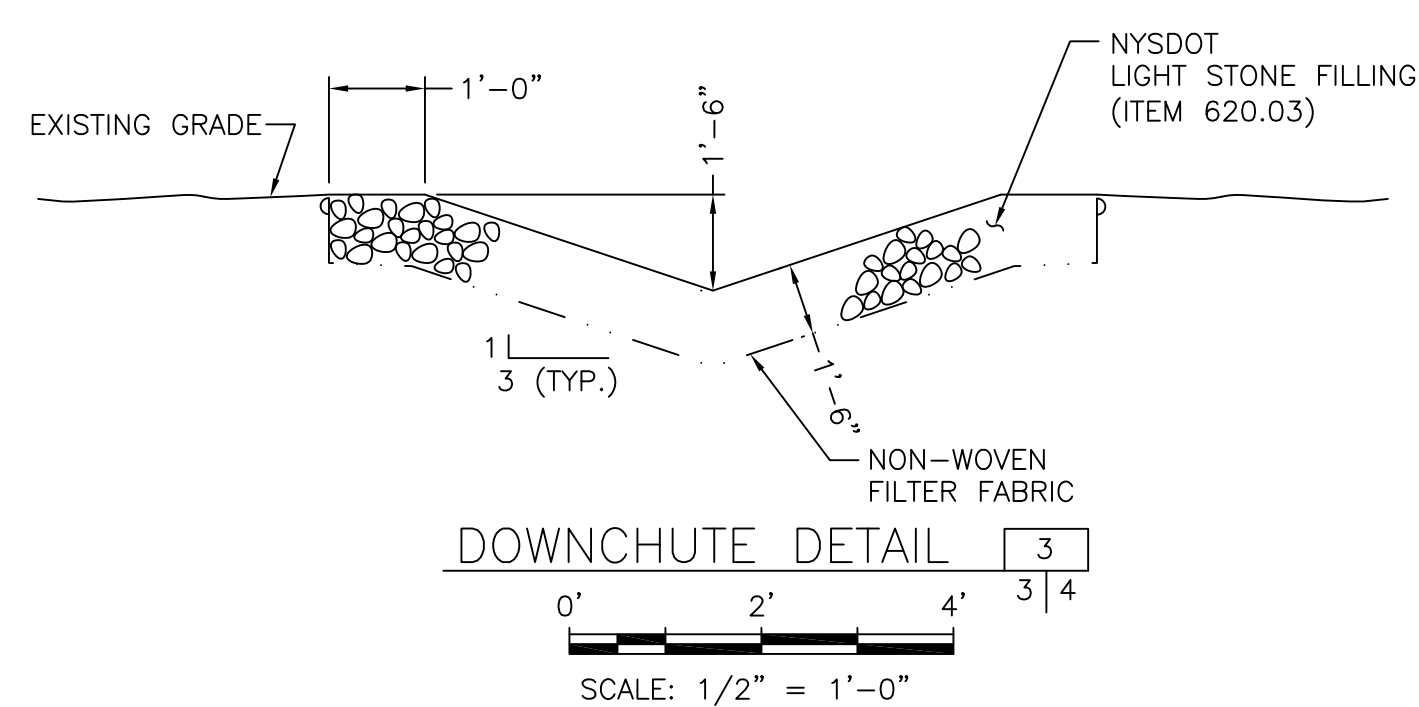
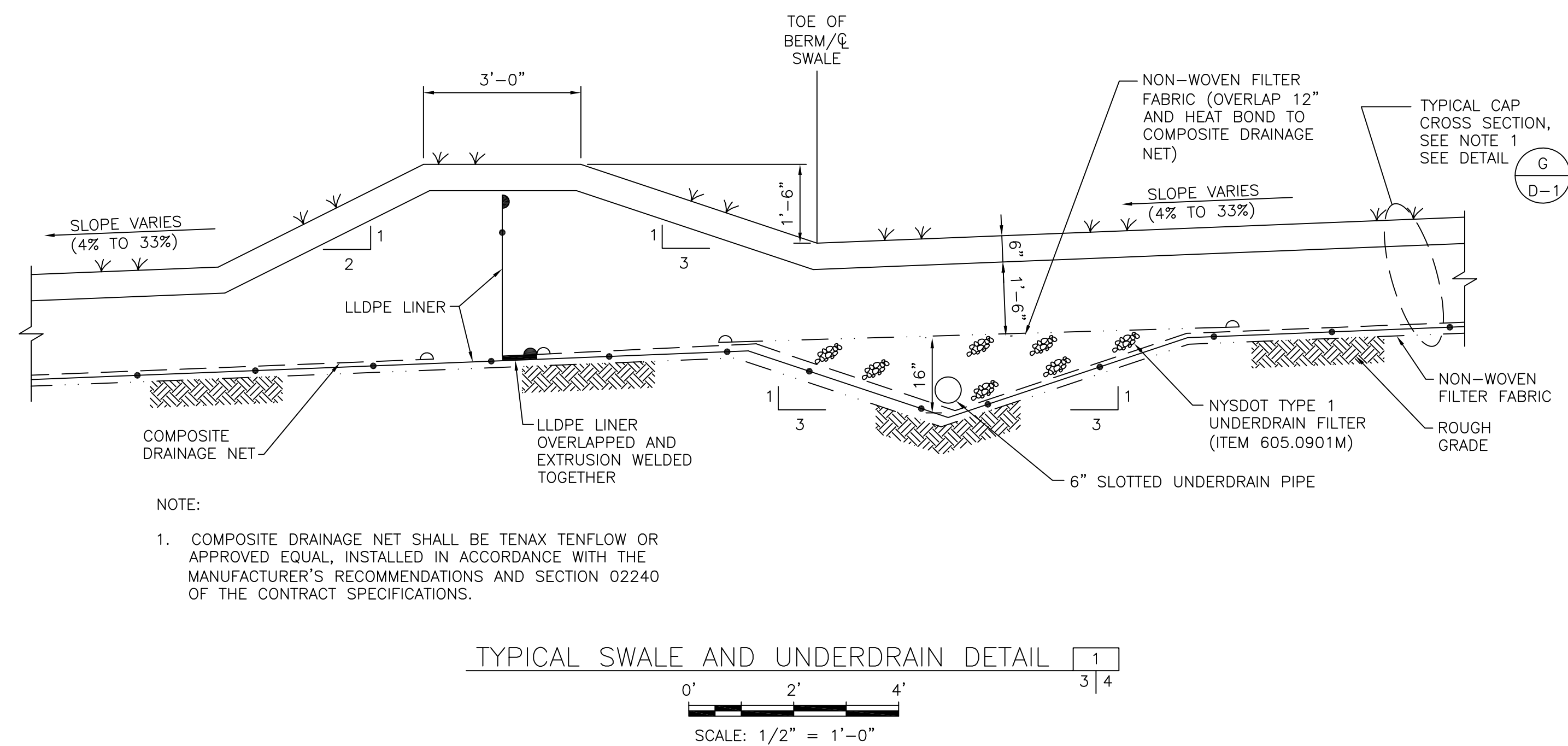
WYOMING COUNTY NEW YORK

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
WORK ASSIGNMENT D004440-11

FINAL CONTOURS - NORTH

Scale: AS SHOWN Date: JANUARY 2007 **DWG. NO. 3**

This drawing was created, amended, or modified using AutoCAD software. It is the property of URS Corporation and shall not be reproduced without the written consent of URS Corporation.



WARNING
IT IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON OTHER THAN WHOSE SEAL APPEARS ON THIS DRAWING, TO ALTER IN ANY WAY AN ITEM ON THIS DRAWING. IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

				RECORD DRAWING
NO.	MADE BY	APPROVED BY	DATE	DESCRIPTION
REVISIONS				

DESIGNED BY:	<u>RW</u>
DRAWN BY:	<u>ELB</u>
CHECKED BY:	<u>DH</u>
PROJ. ENGR.	<u>RW</u>

URS Corporation
New York
77 Goodell Street, Buffalo, New York 14203
(716)856-5636 - (716)856-2545

JOB No. 11174502

WYOMING COUNTY

NEW YORK

**NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION
DIVISION OF
ENVIRONMENTAL REMEDIATION
WORK ASSIGNMENT D004440-11**

GRAVEL ACCESS RAMP, UNDERDRAIN AND DOWNCHUTE DETAILS		
Scale: AS SHOWN	Date: JANUARY 2007	DWG. NO. 4



- NOTES:
1. THIS DRAWING SET SHOWS THE WORK DEFINED IN ITEMS G-1, G-3 AND G-4 OF ADDENDUM NO. 2 TO ETE SANITATION AND LANDFILL REMEDIATION, NYSDOCS SHEET NO. 9-61-005, DATED MARCH 20, 2006.
 2. HALF-TONE INFORMATION TAKEN FROM CONTRACT DRAWING NUMBER G-4 AND C-5 TITLED "FINAL CONTOURS - NORTH" AND "FINAL CONTOURS - SOUTH" DATED JULY 2000. REVISION 1 DATED 9/06, PREPARED BY CAMP DRESSER & MCKEE, PROJECT NUMBER 0897-22149, FILE NAME ETASPC04 AND ETASPC05.
 3. INFORMATION IN FULL-TONE IS REVISED INFORMATION BY URS CORPORATION AND IS DEVELOPED FROM THE INFORMATION PRESENTED IN HALF-TONE.
 4. THIS DRAWING IS DEVELOPED TO SHOW THE INFORMATION PRESENTED ON DRAWINGS 1 AND 3 ON A SINGLE SHEET AND IS PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR.
 5. GAS VENTING STRIPS ARE TAKEN FROM SKETCH-01 AND ITEM G-6 OF ADDENDUM NO.2.

NOTE:
REVISED NORTHING AND EASTING COORDINATES
GENERATED BY CDM IN SEPTEMBER 2006 ARE
BASED ON DATUM PROVIDED BY:

GROVER & BATES ASSOCIATES
65 SOUTH MAIN STREET
PERRY, NY 14530

PZ1 WAS USED BY CDM AS THE BASE POINT FOR
ESTABLISHING THE REVISED NORTHING AND
EASTING COORDINATES. THE COORDINATES FOR
PZ1 AS ESTABLISHED BY GROVER & BATES
ASSOCIATES ARE AS FOLLOWS:

N: 968006.21744
E: 1271183.55010

DRAWING ALTERATION

WARNING: IT IS A VIOLATION OF THE NEW
YORK STATE EDUCATION LAW, ARTICLE 145,
SECTION 7209, SPECIAL PROVISION 2, FOR
ANY PERSON UNLESS HE IS ACTING UNDER
THE DIRECTION OF A LICENSED PROFESSIONAL
ENGINEER OR LAND SURVEYOR TO ALTER AN
ITEM IN ANY WAY. IF AN ITEM BEARING THE
SEAL OF AN ENGINEER OR LAND SURVEYOR IS
ALTERED, THE ALTERING ENGINEER OR LAND
SURVEYOR SHALL AFFIX TO THE ITEM HIS
SEAL AND NOTATION "ALTERED BY" FOLLOWED
BY HIS SIGNATURE AND DATE OF EACH
ALTERATION, AND A SPECIFIC DESCRIPTION OF
THE ALTERATION.

GAS VENT LOCATION

GAS VENT	NORTHING	EASTING
GV-1	N 968553.36	E 1271091.33
GV-2	N 968594.10	E 1270920.92
GV-3	N 968650.65	E 1271065.74
GV-4	N 968738.63	E 1270862.40
GV-5	N 968746.80	E 1271001.38
GV-6	N 968733.60	E 1271157.31
GV-7	N 968877.56	E 1270902.90
GV-8	N 968818.41	E 1271087.69

- LEGEND:
- EROSION CONTROL MAT
 - GAS VENT

WARNING:
IT IS A VIOLATION OF SECTION
7209, SUBDIVISION 2 OF THE
NEW YORK STATE EDUCATION LAW
FOR ANY PERSON OTHER THAN
WHOSE SEAL APPEARS ON THIS
DRAWING, TO ALTER IN ANY WAY
AN ITEM ON THIS DRAWING. IF
AN ITEM IS ALTERED, THE
ALTERING ENGINEER SHALL AFFIX
TO THE ITEM HIS SEAL AND
THE NOTATION "ALTERED BY"
FOLLOWED BY HIS SIGNATURE AND
THE DATE OF SUCH ALTERATION,
AND A SPECIFIC DESCRIPTION OF
THE ALTERATION.

NO.	MADE BY	APPROVED BY	DATE	DESCRIPTION

DESIGNED BY: ELB

DRAWN BY: ELB

CHECKED BY: DH

PROJ. ENGR. RW

URS Corporation
New York
77 Goodell Street, Buffalo, New York 14203
(716)856-5636 - (716)856-2545

JOB No. 11174502

**ETE SANITATION
AND LANDFILL
REMEDATION**

WYOMING COUNTY

**NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION
DIVISION OF
ENVIRONMENTAL REMEDIATION
WORK ASSIGNMENT D004440-11**

NEW YORK

FINAL CONTOURS - FULL SITE

Scale: AS SHOWN

Date: JULY 2006

DWG. NO. 5



Dana C. Grover, PLS No. 49812



UNDERGROUND STRUCTURES AND UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS OR UTILITY RECORD MAPS. THEY ARE NOT CERTIFIED TO THE ACCURACY OF THEIR LOCATION OR THEIR COMPLETENESS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION AND EXTENT OF ALL UNDERGROUND STRUCTURES AND UTILITIES.

WETLAND BOUNDARIES, WETLAND BUFFERS AND FLOOD PLAIN BOUNDARIES WERE NOT SEARCHED FOR OR SHOWN ON THIS MAP.

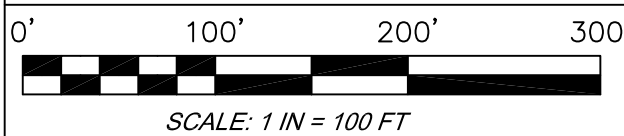
GROVER & BATES ASSOCIATES
65 SOUTH MAIN STREET
PERRY, NEW YORK 14530
585-237-3550

SURVEY PREPARED FOR:
PATRICK CONTRACTORS
P.O. BOX 188
BLOOMFIELD, NEW YORK 14469

LOCATION:
ETE SANITATION & LANDFILL
BROUGHTON ROAD
TOWN OF GAINESVILLE
WYOMING COUNTY, NEW YORK

COPIES FROM THE ORIGINAL OF THIS SURVEY NOT MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S INKED SEAL OR HIS EMBOSSED SEAL SHALL NOT BE CONSIDERED TO BE VALID TRUE COPIES.
UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OR THE NEW YORK STATE EDUCATION LAW.

REVISIONS		
NO.	DATE	DESCRIPTION
1	10/16/07	REVISE POND ELEVATIONS IN THE NORTH POND AND PART OF THE SOUTH POND PER CONTRACTOR AND NYSDEC



DATE: SEPT. 27, 2006
PROJECT NUMBER: NYSDEC PROJECT 9-61-005
DRAWN BY: DCG

TOPOGRAPHIC SURVEY PRIOR TO STRIPPING

TOPOGRAPHIC SURVEY
ETE CORPORATION

SBL # 121-1-54 & 55

JOB NUMBER

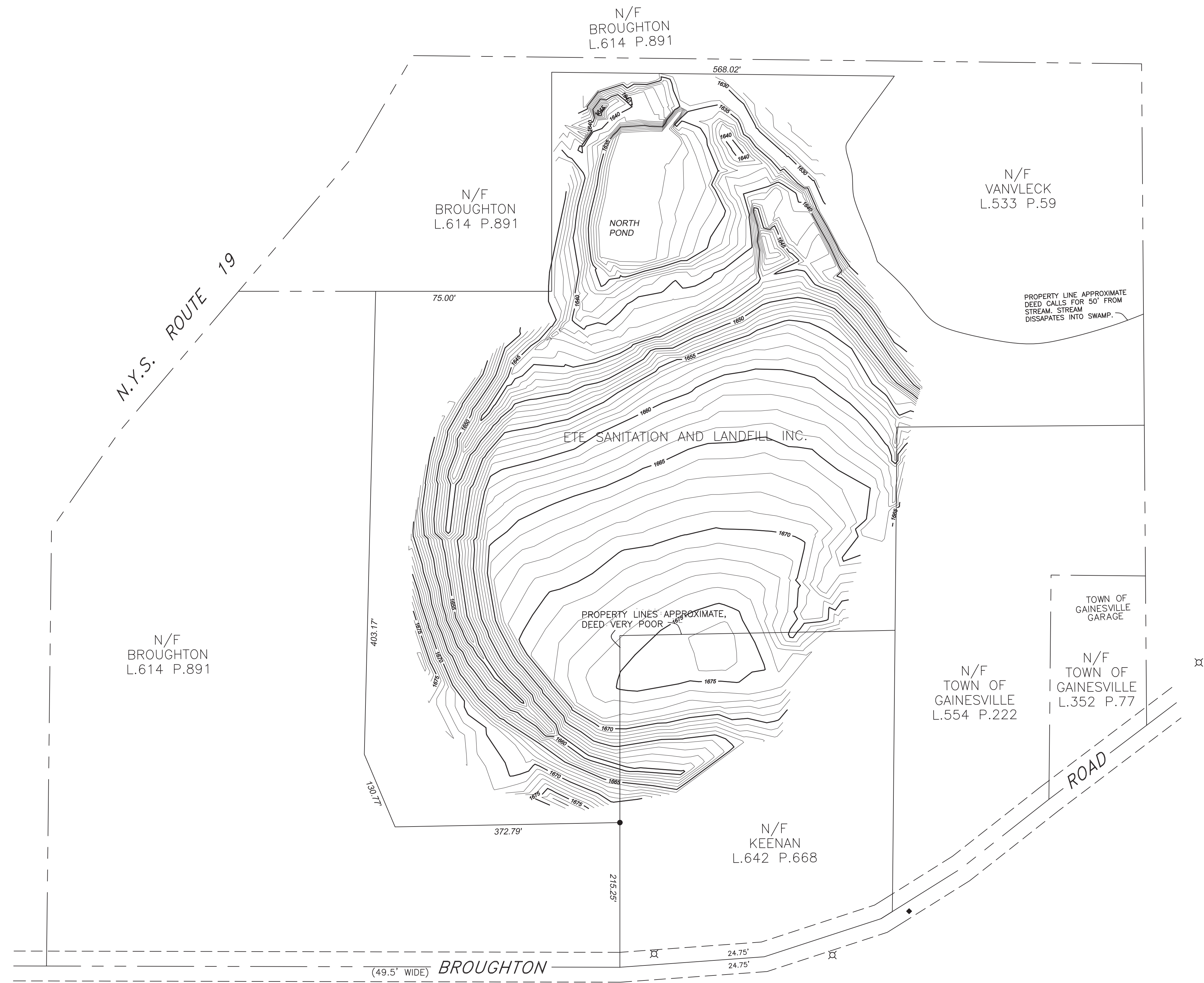
SHEET

06-W60R

GB-1



Dana C. Grover, PLS No. 49812



UNDERGROUND STRUCTURES AND UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS OR UTILITY RECORD MAPS. THEY ARE NOT CERTIFIED TO THE ACCURACY OF THEIR LOCATION OR THEIR COMPLETENESS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION AND EXTENT OF ALL UNDERGROUND STRUCTURES AND UTILITIES.

WETLAND BOUNDARIES, WETLAND BUFFERS AND FLOOD PLAIN BOUNDARIES WERE NOT SEARCHED FOR OR SHOWN ON THIS MAP.

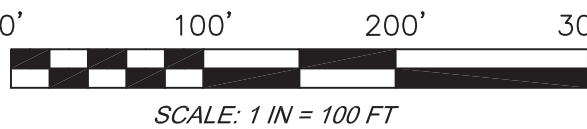
GROVER & BATES ASSOCIATES
65 SOUTH MAIN STREET
PERRY, NEW YORK 14530
585-237-3550

SURVEY PREPARED FOR:
PATRICK CONTRACTORS
P.O. BOX 188
BLOOMFIELD, NEW YORK 14469

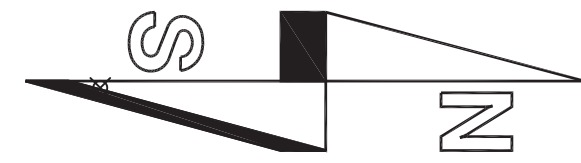
LOCATION:
ETE SANITATION & LANDFILL
BROUGHTON ROAD
TOWN OF GAINESVILLE
WYOMING COUNTY, NEW YORK

COPIES FROM THE ORIGINAL OF THIS SURVEY NOT MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S INKED SEAL OR HIS EMBOSSED SEAL SHALL NOT BE CONSIDERED TO BE VALID TRUE COPIES.
UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OR THE NEW YORK STATE EDUCATION LAW.

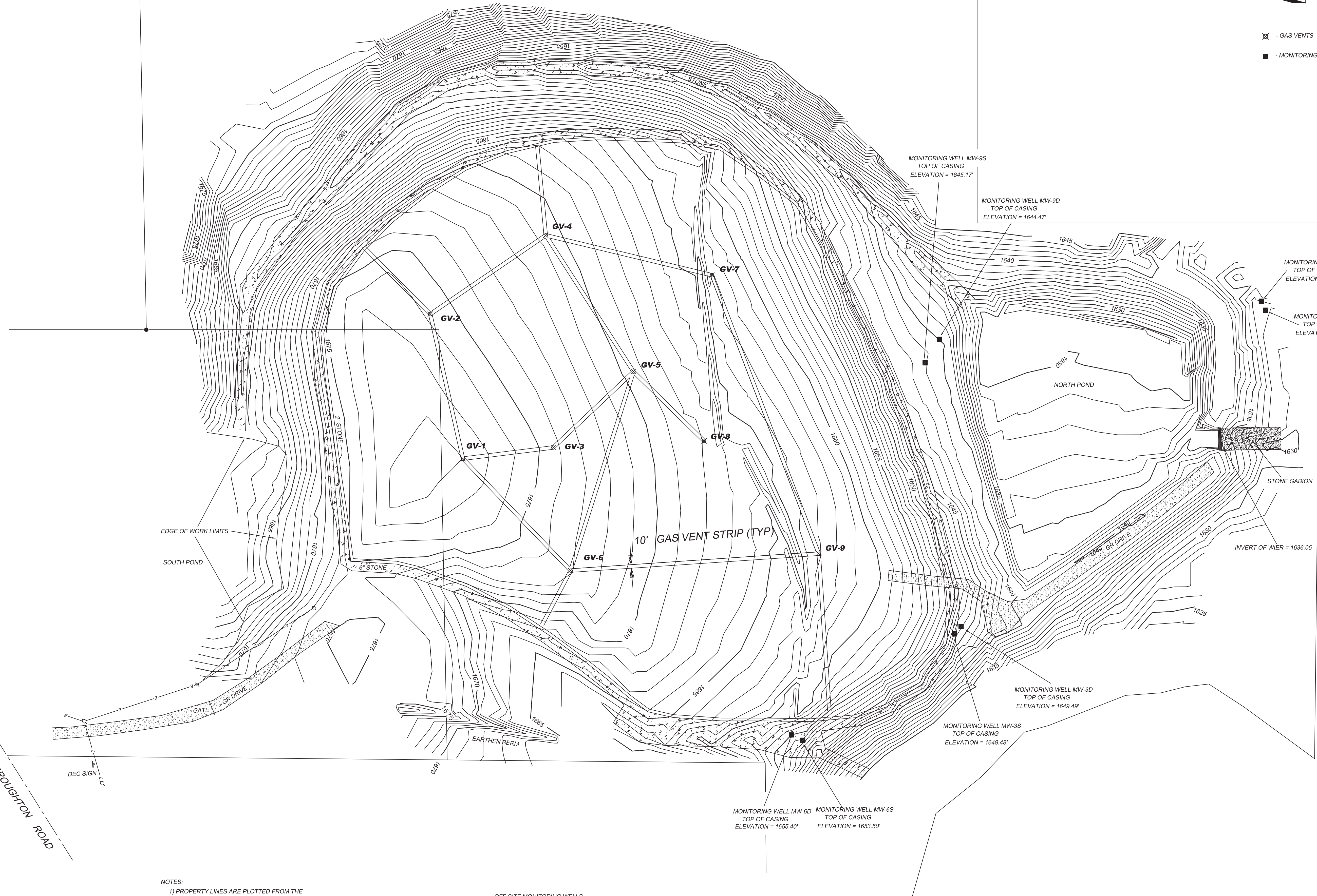
REVISIONS		
NO.	DATE	DESCRIPTION
1	10/27/2008	Linework from "06w60 Subgrade topo.dwg" inserted in place of post-topsoil stripping survey mapping.



DATE: SEPT. 27, 2008	
PROJECT NUMBER: NYSDEC PROJECT 9-61-005	DRAWN BY: DCG
SUBGRADE TOPO TOPOGRAPHIC SURVEY PRIOR TO STRIPPING	
TOPOGRAPHIC SURVEY ETE CORPORATION	
SBL # 121-1-54 & 55	
JOB NUMBER 06-W70	SHEET GB-2 SUBGRADE DWG



- ⊗ - GAS VENTS
■ - MONITORING WELL



NOTES:

- 1) PROPERTY LINES ARE PLOTTED FROM THE DESIGN DRAWINGS. NO FIELDWORK OR BOUNDARY VERIFICATION WAS PERFORMED.
- 2) WELLS NUMBERED 10S & 10D HAVE NO LABELS ON THE CASING. THERE WAS NO WAY TO IDENTIFY WHICH WAS WHICH. WE HAVE LABELED THE NORTHERN MOST WELL MW10S AND THE SOUTHERN MOST WELL MW10D.
- 3) WELLS 11S & 11D ARE ALSO UNLABELED. WE PUT MW-11D AS THE EASTERLY WELL. MW-11S AS THE WESTERLY WELL.

OFF SITE MONITORING WELLS

NORTHING	EASTING	ELEVATION	DESCRIPTION
970104.710	1270976.414	1585.659'	GROUND
970105.090	1270976.275	1588.027'	MONITORING WELL 10D
970110.137	1270981.420	1584.984'	GROUND
970110.627	1270981.394	1588.043'	MONITORING WELL 10S
970613.204	1272784.375	1581.127'	GROUND
970613.132	1272784.053	1583.840'	MONITORING WELL 11D
970613.418	1272776.051	1579.952'	GROUND
970613.527	1272775.740	1583.620'	MONITORING WELL 11S

COPIES FROM THE ORIGINAL OF THIS SURVEY NOT MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S INKED SEAL OR HIS EMBOSSED SEAL SHALL NOT BE CONSIDERED TO BE VALID TRUE COPIES.
UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 2006 SUBDIVISION 2, OR THE NEW YORK STATE EDUCATION LAW.

REVISIONS		
NO.	DATE	DESCRIPTION
1	10/19/07	ACCESS ROADWAY, STONE SPILLWAY AND STONE IN WEST DITCH ADDED
2	11/01/07	GRAVEL ROADWAY TO SPILLWAY, EARTHEN BERM ADDED
3		ADDED GAS VENT IDS AND INSTALLED VENT STRIPS (EM - NYSDEC)



SCALE: 1 IN = 40 FT

FINAL GRADE TOPO

DATE :	SEPT. 20, 2007
PROJECT NUMBER:	DRAWN BY:
NYSDEC PROJECT 9-61-005	DCG

ASBUILT SURVEY
ETE SANITATION & LANDFILL SITE
SBL # 121-1-54 & 55

JOB No.	06-WB02	SHEET
DRAWING No.	06WB02ASBUILT	GB-3

LOCATION:

ETE SANITATION & LANDFILL SITE
BROUGHTON ROAD
TOWN OF GAINESVILLE
WYOMING COUNTY, NEW YORK

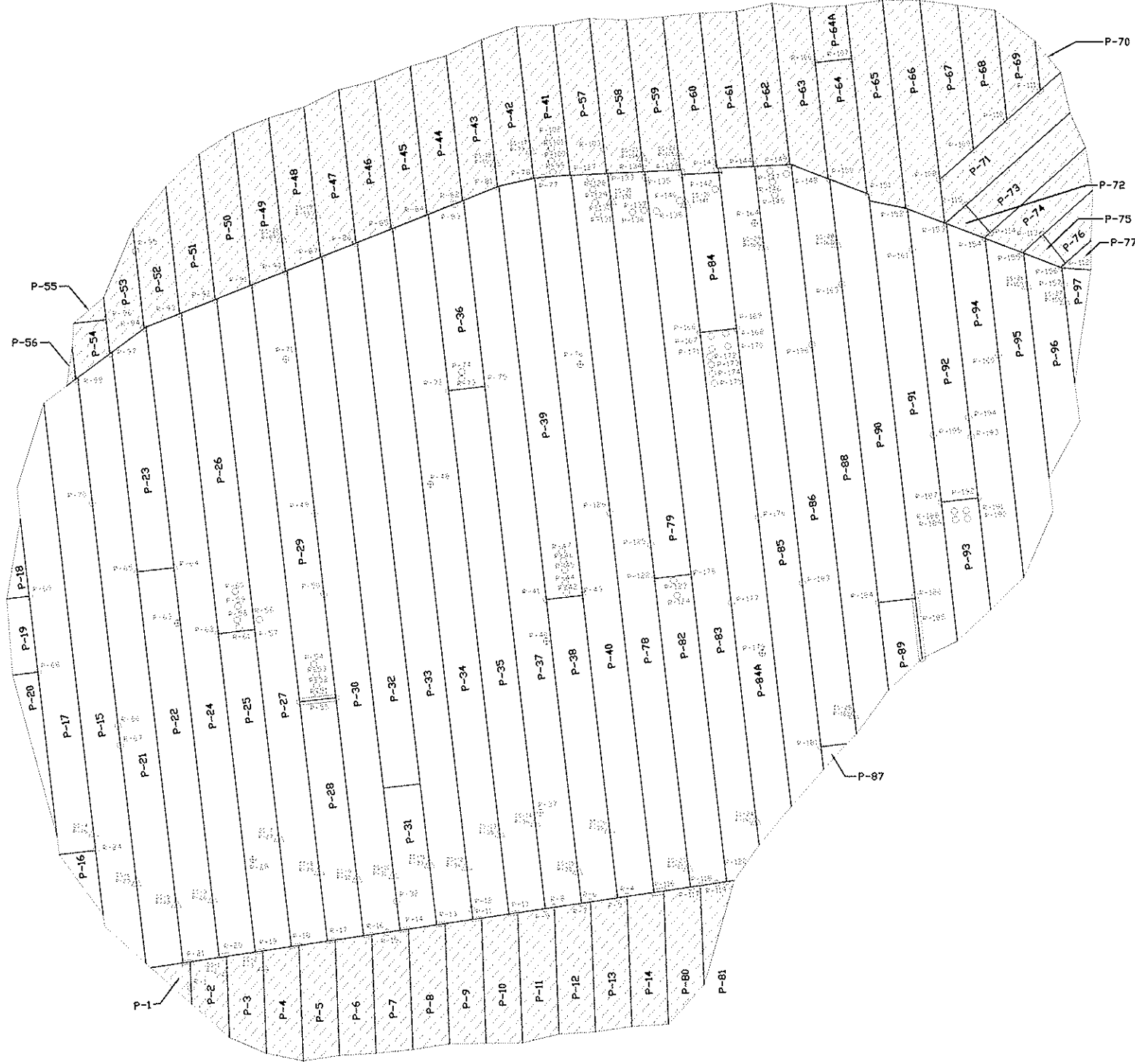
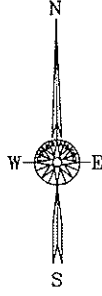
SURVEY PREPARED FOR:

PATRICK CONTRACTORS
P.O. BOX 188
BLOOMFIELD, NEW YORK 14469

GROVER & BATES ASSOCIATES
65 SOUTH MAIN STREET
PERRY, NEW YORK 14530
505-237-3550



Dane C. Grover, PLS No. 49812



- LEGEND
- P-## PANEL IDENTIFICATION NUMBER
 - LOCATION OF LINER LIMIT
 - REPAIR LOCATION
 - GAS VENT LOCATION
 - △ DESTRUCTIVE SEAM SAMPLE LOCATION
 - TEXTURED LINER

PROJECT NO: 0609	CHENANGO CONTRACTING INC.	STATUS
SCALE: 1"=40'	ENVIRONMENTAL GEOSYNTHETICS	
DRAWN BY: PRM	729-6200 FAX 729-2415	
SHEET: 1 OF 1	DATE	

GEOMEMBRANE RECORD DRAWING
ETE SANITATION AND LANDFILL CLOSURE
WYOMING COUNTY, NEW YORK