

Attachment 1

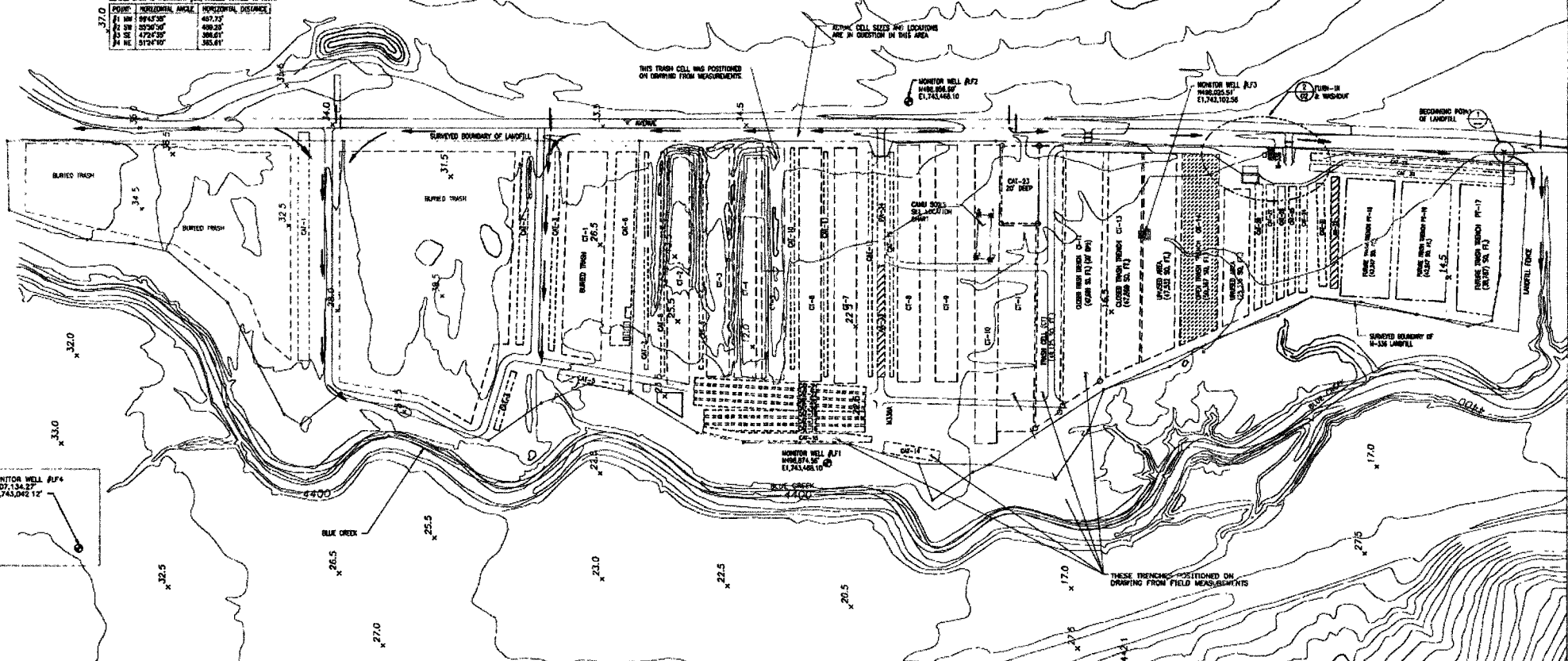
Design Diagrams

INSURUMENT SET UP OVER L2 MONITOR WELL, ZERED BACK TO MONUMENT #10, ANGLES TURNED IN RIGHT

POINT	HORIZONTAL ANGLE	VERTICAL DISTANCE
1. IN	99°43'30"	497.72'
2. SW	30°20'30"	499.28'
3. SE	42°23'30"	486.61'
4. NE	51°24'30"	385.61'

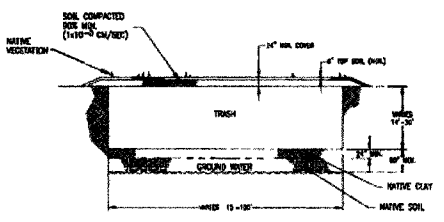
REVISION HISTORY

NO.	DESCRIPTION	DATE	APPROVED
10	WORK ADDED TO NEW LOCATION AND CHANGED TO OPEN	J. NECKER 03 JUNE 20	PROVOST/16 JAH/WB/ML
9	ADDED PA-34		
8	CHANGED PA-31 TO CA-31		
7	CHANGED PA-13 AND PA-19 TO UNCLOSED		
6	REMOVED PA-35 THROUGH PA-43 AND ADDED PA-15 THROUGH PA-17		



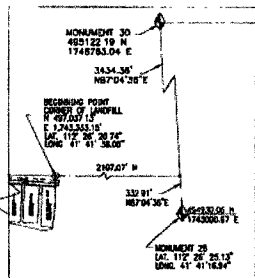
ASBESTOS TRENCHES			TRASH TRENCHES		
TRENCH NO.	DATE OPENED	DATE CLOSED	TRENCH NO.	DATE OPENED	DATE CLOSED
CA-1			CA-1		
CA-2			CA-2		
CA-3			CA-3		
CA-4			CA-4		
CA-5			CA-5		
CA-6			CA-6		
CA-7			CA-7		
CA-8			CA-8		
CA-9			CA-9		
CA-10			CA-10		
CA-11			CA-11		
CA-12			CA-12		
CA-13			CA-13		
CA-14			CA-14		
CA-15			CA-15		
CA-16			CA-16		
CA-17			CA-17		
CA-18			CA-18		
CA-19			CA-19		
CA-20			CA-20		
CA-21			CA-21		
CA-22			CA-22		
CA-23			CA-23		
CA-24			CA-24		
CA-25			CA-25		
CA-26			CA-26		
CA-27			CA-27		
CA-28			CA-28		
CA-29			CA-29		
CA-30			CA-30		
CA-31			CA-31		
CA-32			CA-32		
CA-33			CA-33		
CA-34			CA-34		
CA-35			CA-35		
CA-36			CA-36		
CA-37			CA-37		
CA-38			CA-38		
CA-39			CA-39		
CA-40			CA-40		

M-336 LANDFILL
SCALE: 1"=100'



TYPICAL SECTION OF LANDFILL TRENCHES
SCALE: NONE

- TYPICAL CELL NOTES:
- CELL IS TO HAVE A MINIMUM OF 2 FEET OF CLAY EARTH AT BOTTOM OF TRENCH.
 - BOTTOM OF CELL SHALL BE 5 FEET MINIMUM ABOVE GROUND WATER.
 - CELL IS TO HAVE NO MORE THAN 2% MINIMUM SLOPE IN LENGTH OF TRENCH.
 - COMPACTED TRASH WILL BE COVERED WITH A MINIMUM OF 2 FEET SOIL, INCLUDING 6 INCHES OF TOP SOIL.
 - NEEDED CLOSED CELLS WITH NATIVE VEGETATION.



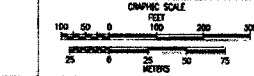
BEGINNING POINT-LANDFILL
SCALE: NONE

LEGAL DESCRIPTION
BEGINNING AT A POINT WHICH IS NORTH 87°04'30" EAST, 332.81 FEET AND NORTH 280°07' FEET FROM THIRDS MONUMENT NO. 28
WHOSE COORDINATES ARE NORTHERN = 485122.19 EASTING = 1748783.07 AND REMAINING THENCE ALONG THE BOUNDARY OF THE NEARBY
COMMUNITY LANDFILL THE FOLLOWING PROPERTY CORNER COORDINATES: (1) NORTH 87°04'30" WEST, 133.62 FEET TO NORTH 87°04'30" WEST,
203.00 FEET TO NORTH 87°04'30" WEST, 122.41 FEET TO NORTH 131°19'37" WEST, 16.80 FEET TO NORTH 137°07'50" EAST,
158.87 FEET TO NORTH 127°16'00" EAST, 123.00 FEET TO NORTH 89°07'57" WEST, 128.89 FEET TO NORTH 89°07'57" WEST,
104.16 FEET TO NORTH 281°17'30" WEST, 106.15 FEET TO NORTH 271°04' WEST, 157.26 FEET TO NORTH 17°29'34" WEST,
187.11 FEET TO NORTH 89°07'57" WEST, 117.24 FEET TO NORTH 50°44'30" WEST, 129.04 FEET TO NORTH 175°04' EAST,
120.00 FEET TO NORTH 137°07'50" WEST, 48.38 FEET TO NORTH 287°32'30" WEST, 134.51 FEET TO NORTH 89°07'57" EAST,
107.00 FEET TO NORTH 182°07'57" EAST, 182.00 FEET TO NORTH 04°02'00" EAST, 288.82 FEET TO NORTH 87°13'00" EAST,
132.44 FEET TO NORTH 131°19'37" WEST, 212.54 FEET TO NORTH 11°16'37" EAST, 114.60 FEET TO NORTH 22°28'00" WEST,
148.20 FEET TO NORTH 30°24'15" WEST, 174.16 FEET TO NORTH 17°35'10" EAST, 425.71 FEET TO NORTH 30°24'15" WEST,
132.84 FEET TO NORTH 271°04' WEST, 154.47 FEET TO NORTH 89°07'57" EAST, 165.80 FEET TO NORTH 89°07'57" EAST,
181.00 FEET TO NORTH 47°04'30" EAST, 232.21 FEET TO NORTH 137°16'30" EAST, 67.47 FEET TO NORTH 50°10'00" EAST,
128.89 FEET TO NORTH 287°32'30" WEST, 226.74 FEET TO NORTH 04°02'00" EAST, 142.31 FEET TO SOUTH 09°02'00" EAST,
172.00 FEET TO SOUTH 89°07'57" WEST, 35.00 FEET TO SOUTH 89°07'57" WEST, 208.99 FEET TO SOUTH 89°07'57" WEST,
CONTAINING 35.00 ACRES ±.

NOTES:
1. SOME DIMENSIONS AND CELL LOCATIONS ARE ASSUMPTIONS DEDUCED FROM OLD
AERIAL PHOTOGRAPHS AND RECOLLECTIONS OF LONG TIME EMPLOYEES.
2. TOPOGRAPHICAL LINES SHOWN ARE AT 1 FOOT INTERVALS.

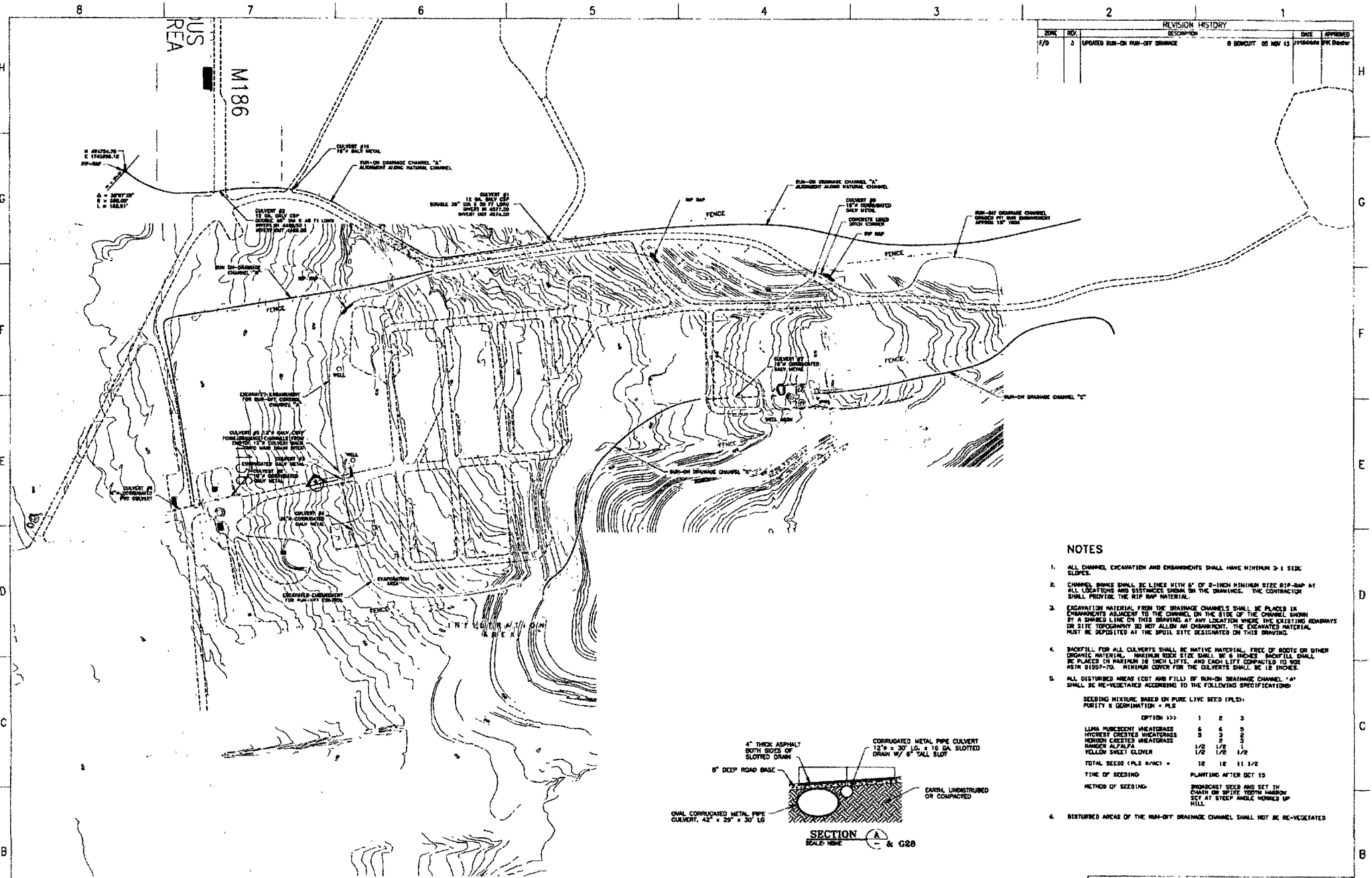
LEGEND

[Symbol]	PROPOSED INFORMATION IN BUBLES
[Symbol]	CLOSED TRASH CELL (CT)
[Symbol]	OPEN TRASH CELL (OT)
[Symbol]	PROPOSED TRASH CELL (PT)
[Symbol]	CLOSED ASBESTOS TRENCH (CAT)
[Symbol]	OPEN ASBESTOS TRENCH (OAT)
[Symbol]	PROPOSED ASBESTOS TRENCH (PAT)



DATE	DESCRIPTION	BY	CHECKED
11/26/03	LANDFILL LAYOUT, DETAILS & SECTIONS	J. NECKER	J. NECKER
01/12/04	REVISIONS TO LANDFILL LAYOUT	J. NECKER	J. NECKER
01/12/04	REVISIONS TO LANDFILL LAYOUT	J. NECKER	J. NECKER

NORTHMAN GRAMMAN
ENGINEERING
LANDFILL, M-336
LAYOUT
PROJECT: M336-G-1
SHEET: 1 OF 1



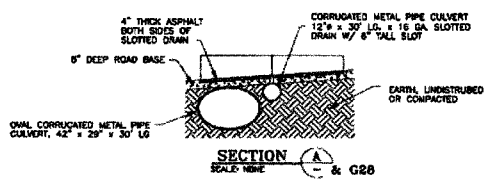
REVISION HISTORY				DATE	APPROVED	
NOV 13	3	UPDATED RUN-ON RUN-OFF DRAINAGE	6	BONCUTT	03 NOV 13	11/16/0008 PK Dwyer

NOTES

- ALL CHANNEL EXCAVATION AND EMBANKMENTS SHALL HAVE MINIMUM 3:1 SIDE SLOPES.
- CHANNEL BANKS SHALL BE LINED WITH 6" OF 2-INCH MINIMUM SIZE RIP-RAP AT ALL LOCATIONS AND DISTANCES SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL PROVIDE THE RIP-RAP MATERIAL.
- EXCAVATION MATERIAL FROM THE DRAINAGE CHANNELS SHALL BE PLACED IN EMBANKMENTS ADJACENT TO THE CHANNEL ON THE SIDE OF THE CHANNEL SHOWN BY A DASHED LINE ON THIS DRAWING. AT ANY LOCATION WHERE THE EXISTING ROADWAY OR SITE TOPOGRAPHY DO NOT ALLOW AN EMBANKMENT, THE EXCAVATED MATERIAL MUST BE DEPOSITED AT THE SPOIL SITE DESIGNATED ON THIS DRAWING.
- BACKFILL FOR ALL CULVERTS SHALL BE NATIVE MATERIAL, FREE OF ROOTS OR OTHER ORGANIC MATERIAL. MAXIMUM ROCK SIZE SHALL BE 6 INCHES. BACKFILL SHALL BE PLACED IN MAXIMUM 16 INCH LIFTS, AND EACH LIFT COMPACTED TO 95% ASTM D1557-70. MINIMUM COVER FOR THE CULVERTS SHALL BE 18 INCHES.
- ALL DISTURBED AREAS (CUT AND FILL) OF RUN-ON DRAINAGE CHANNEL "A" SHALL BE RE-VEGETATED ACCORDING TO THE FOLLOWING SPECIFICATIONS:
 SEEDING MIXTURE BASED ON PURE LIVE SEED (PLS):
 PURITY & GERMINATION = PLS

OPTION >>>	1	2	3
LIMA PURESCENT WHEATGRASS	6	5	5
HICKEY CRISTED WHEATGRASS	3	2	2
HERON CRISTED WHEATGRASS	1/2	1/2	1
BANDED ALFALFA	1/2	1/2	1/2
YELLOW SWEET CLOVER			
TOTAL SEEDS (PLS #/AC) =	10	10	11 1/2

 TIME OF SEEDING: PLANTING AFTER OCT 15
 METHOD OF SEEDING: BROADCAST SEED AND SET IN CHANNEL OR WHERE TYPICAL ROWS SET AT STEEP SLOPE, HILLED UP HILL.
- DISTURBED AREAS OF THE RUN-OFF DRAINAGE CHANNEL SHALL NOT BE RE-VEGETATED



M-136 BURN GROUNDS
SCALE: SEE GRAPHIC SCALE

GRAPHIC SCALE
1" = 10'

ROBERTS & SCHAEFER Company
ENGINEERS AND CONTRACTORS
CHICAGO-SALT LAKE CITY 6130

LEGEND		REFERENCE DRAWINGS		SEE SPEC FOR COMPLETE APPROVAL RECORD		DO NOT SCALE THIS DRAWING	
---	CULVERT			APPROVALS	DATE		
○	WELL			BY DATE			
---	RUN-ON CONTROL			BY DATE			
---	RUN-OFF CONTROL			BY DATE			
---	FENCE			BY DATE			
---	REFERENCE DWG.			BY DATE			

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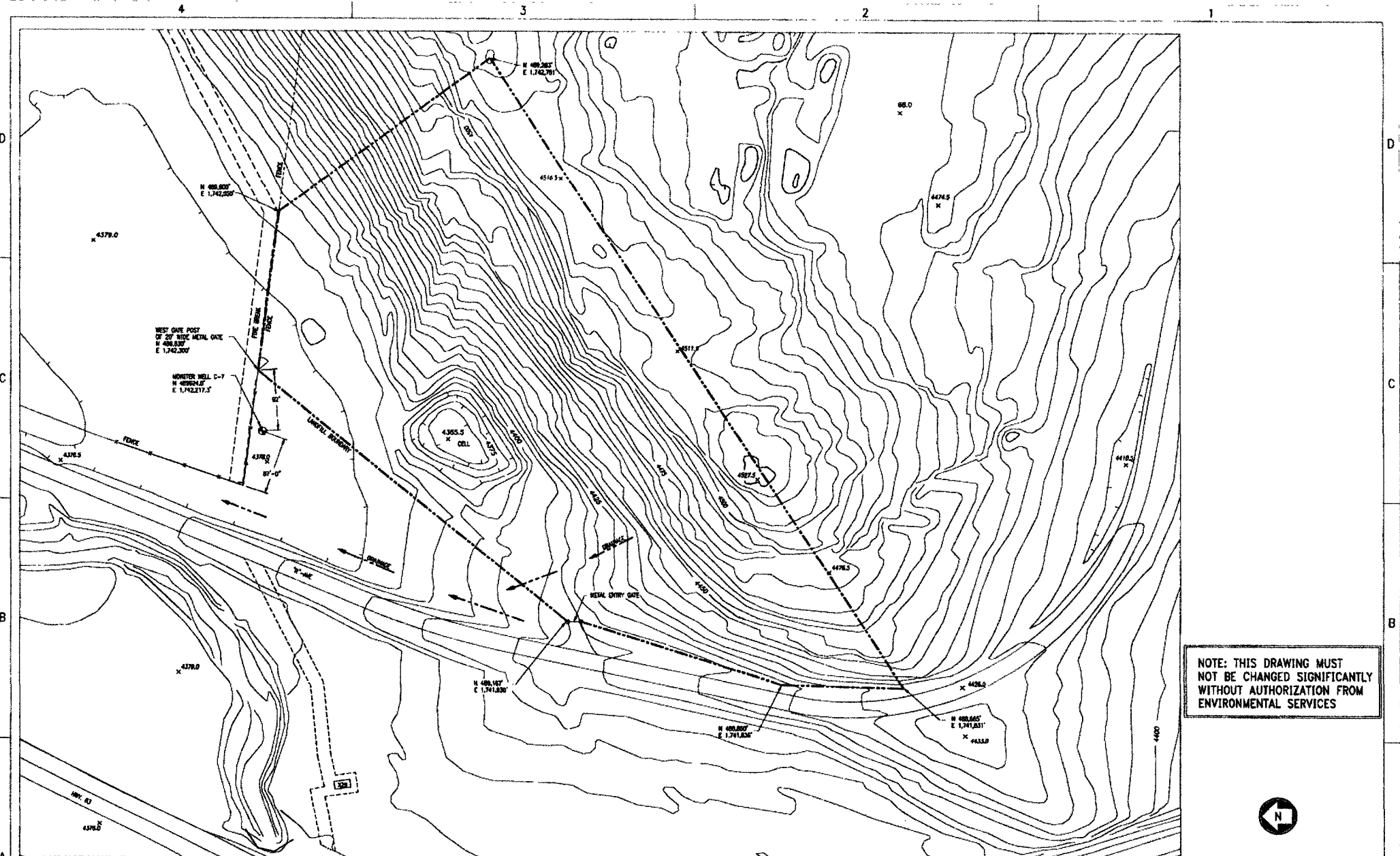
**M-136 BURNING AREA
RUN-OFF AND RUN-ON
DRAINAGE PLAN
FIGURE 2.1.1**

DATE: 11/16/00
SCALE: AS SHOWN

NOV 13 2013

136-G-27

3



NOTE: THIS DRAWING MUST NOT BE CHANGED SIGNIFICANTLY WITHOUT AUTHORIZATION FROM ENVIRONMENTAL SERVICES



REVISIONS										ENC. NO.		REFERENCE DRAWINGS		DATE		BY				
NO.	DESCRIPTION	DATE	BY	CHKD.	DATE	NO.	DESCRIPTION	DATE	BY	CHKD.	NO.	DESCRIPTION	DATE	BY	CHKD.	NO.	DESCRIPTION	DATE	BY	CHKD.
1	ISSUED FOR PERMITTING	05/15/98	JL	JK		1	INDUSTRIAL LANDFILL LAYOUT		JL	JK	1	INDUSTRIAL LANDFILL LAYOUT		JL	JK	05/15/98	JL	JK		
2	REVISED TO ADD MONITOR WELL C-7	05/19/98	JL	JK		2	LANDFILL M-808 LAYOUT		JL	JK	2	LANDFILL M-808 LAYOUT		JL	JK	05/19/98	JL	JK		
3	REVISED TO ADD METAL ENTRY GATE		JL	JK					JL	JK				JL	JK					
4	REVISED TO ADD NEST GATE POST		JL	JK					JL	JK				JL	JK					



**ROCKY POINT
LAND FILL, M-808
LAYOUT**

SCALE: 1" = 50'
DRAWING NO: GP1.G.556

DATE: 05/19/98
JOB NO: 010206.DWG
P-42600