



TerraMatrix

March 7, 1996

Mr. Bob Sweeney
New Mexico Environment Department
Hazardous and Radioactive Material Bureau
2033 Galisteo St.
Santa Fe, NM 87505



Re: Gandy Marley Inc. Triassic Park Hazardous Waste Facility Part B Application
Revision 1 Figures 2-8, 2-9, 2-10

Dear Mr. Sweeney:

Please find enclosed Revision 1 of Figures 2-8, 2-9, and 2-10 from the Triassic Park Hazardous Waste Facility Part B Application. Per discussions with Bob Sweeney, Rich Stafford, and Dale Gandy, I have modified these figures to be consistent with the proposed alternate liner design and recent HELP analyses. Changes you should note are the addition of Detail F- LCRS and LDS Sump on Figure 2-10 and typical cover slope call outs of 4H:1V on Figure 2-8. Please be aware that Figures 2-8, 2-9, and 2-10 remain conceptual level drawings and are subject to change during the final design. In addition, per Rich Stafford's request, I have performed another HELP run to evaluate the cover leakage rates using a slope input of 5 percent and drain length of 1,000 feet. I am sending a copy of the output file for this run to Rich for his review.

I hope this information meets your needs. Please call if you have any additional comments or questions.

Sincerely,

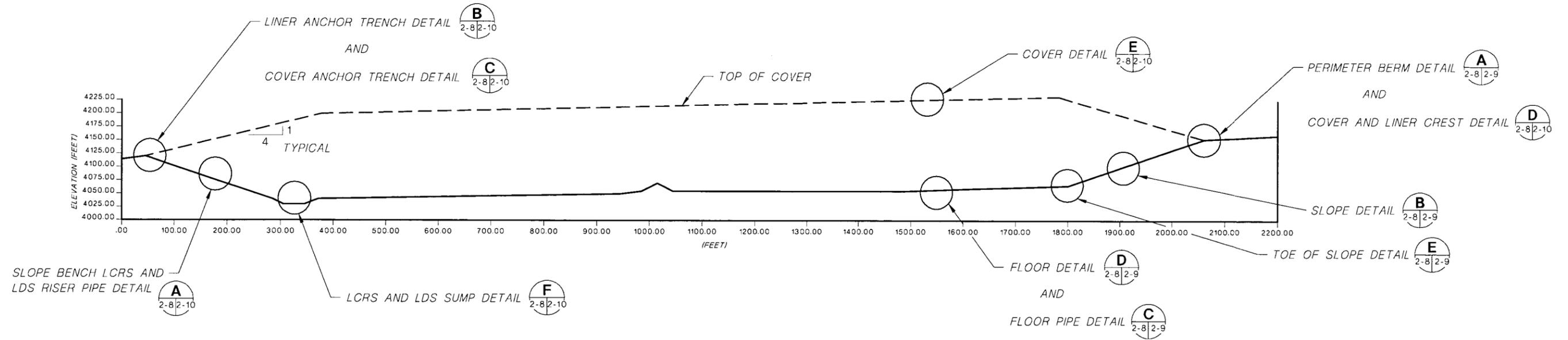
TerraMatrix Inc.

John J. Kendall
Senior Engineer

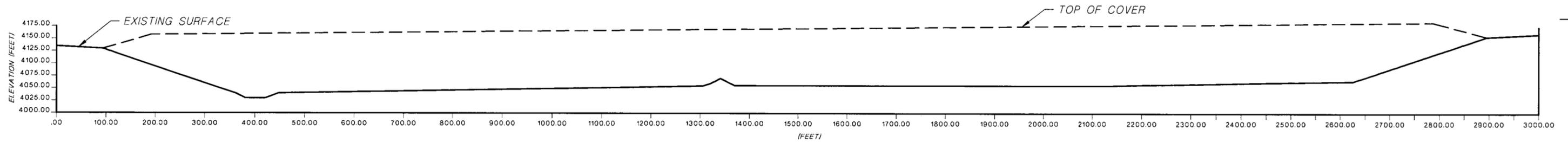
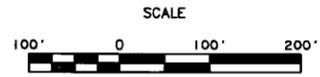
enclosures (3)

cc: Dale Gandy - Gandy Marley Inc.
Alan Krause - TerraMatrix Inc.

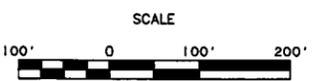
Engineering & Environmental Services
165 South Union Boulevard, Suite 400
Lakewood, Colorado 80228
Phone 303.763.5140 Fax 303.763.8003



A CROSS-SECTION A-A'

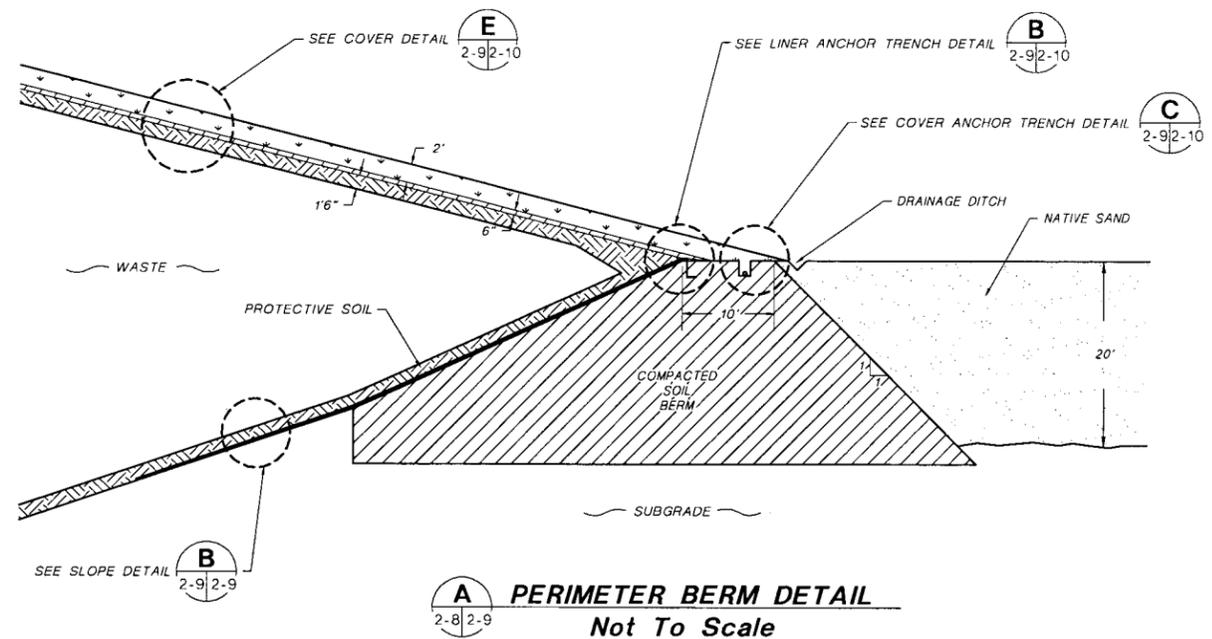


B CROSS-SECTION B-B'

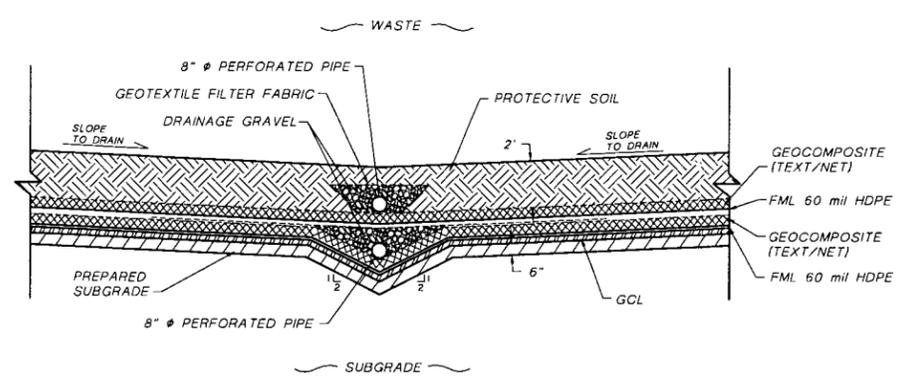


DRAWING No. WHERE
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 IS REFERENCED DETAIL/SECTION
 NUMBER IS SHOWN

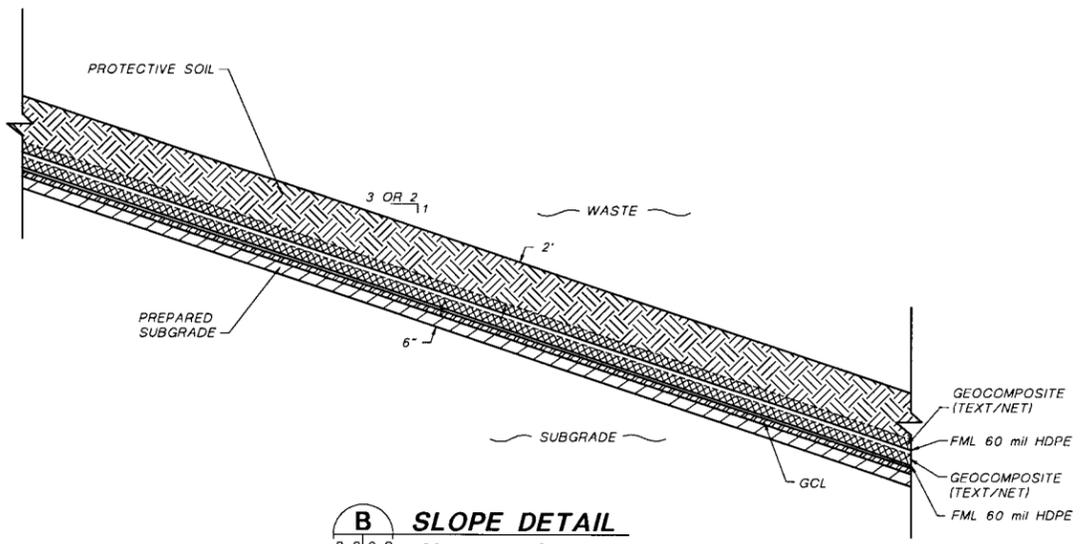
4				
3				
2				
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0	CONCEPTUAL DESIGN FOR PART B APPLICATION	11/94	JGN	JJK
No.	REVISION	DATE	BY	CHKD
SCALE: SEE SCALE BAR				
DESIGN BY: JKENDALL				
DRAWN BY: E.SIMONSEN				
CHECK BY: B.CORSEP		PROJECT: TRIASSIC PARK WASTE DISPOSAL FACILITY		
PROJECT NO. 602-0100	DRAWING TITLE: CONCEPTUAL LANDFILL FILL PLAN CROSS-SECTIONS			
FILE NAME: XS-GAND				
		SHEET: 1 OF 1		
DRAWING No.: 2-8		REV. 1		



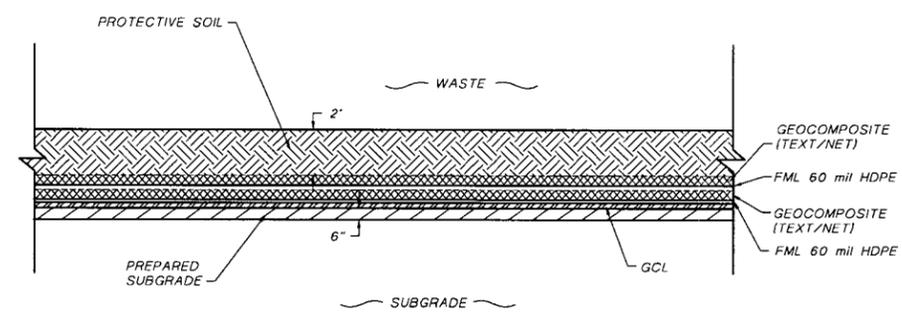
A PERIMETER BERM DETAIL
2-8|2-9 Not To Scale



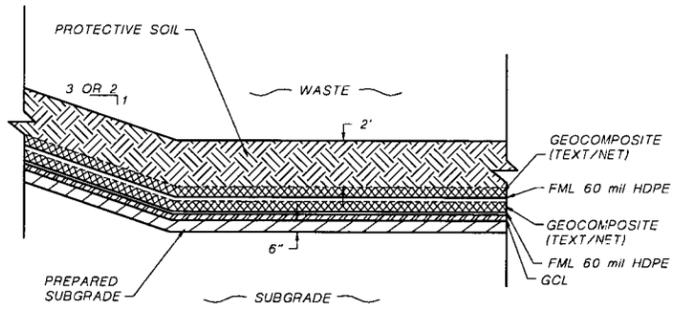
C FLOOR PIPE DETAIL
2-8|2-9 Not To Scale



B SLOPE DETAIL
2-8|2-9 Not To Scale



D FLOOR DETAIL
2-8|2-9 Not To Scale

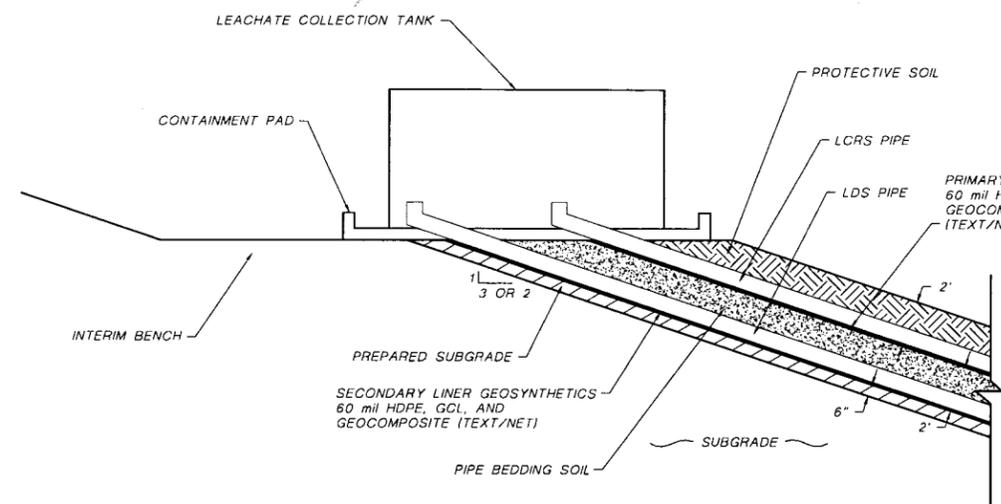


E TOE OF SLOPE DETAIL
2-8|2-9 Not To Scale

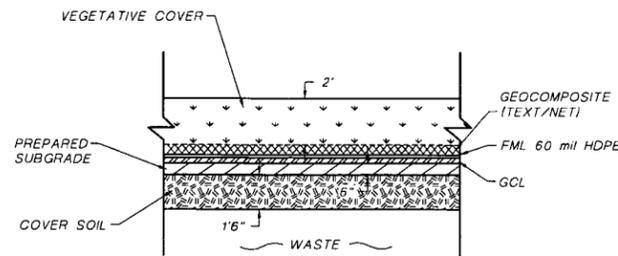
- NOTES:
- 1) PROTECTIVE SOIL CONSISTS OF SELECT SOIL
 - 2) GEOMEMBRANE IS A MIN. 60 mil HDPE
 - 3) GEOCOMPOSITE CONSISTS OF GEOTEXTILE BONDED TO GEONET

A 614
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 DETAIL/SECTION
 IS REFERENCED
 DRAWING No. WHERE
 DETAIL/SECTION
 IS SHOWN

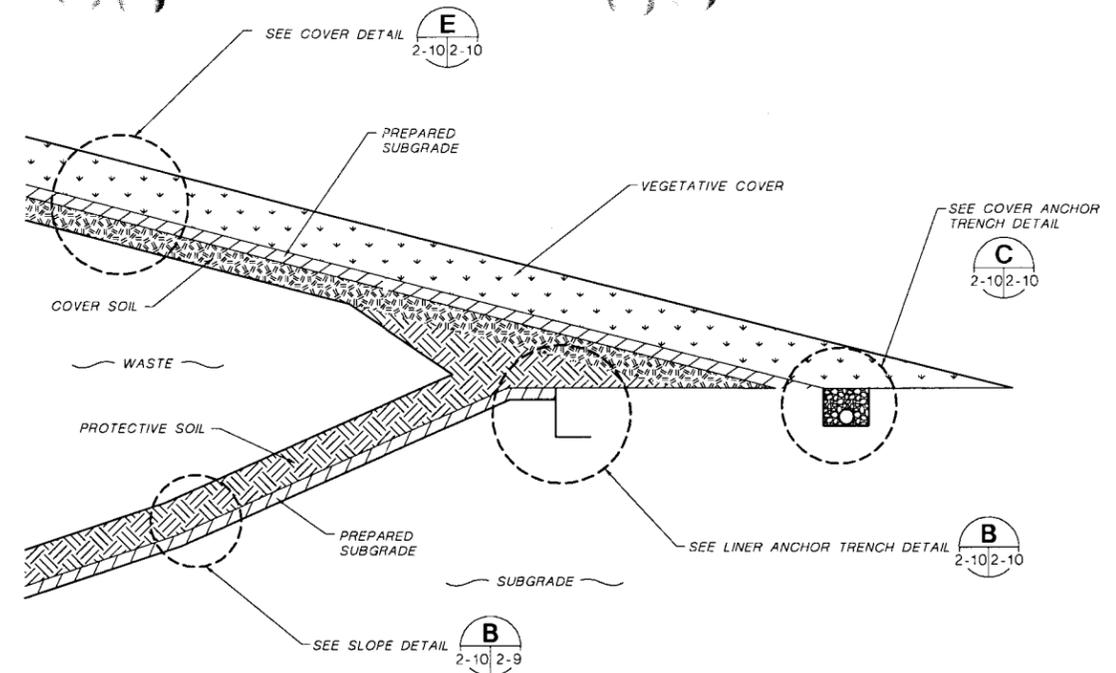
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3				
2				
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0	CONCEPTUAL DESIGN FOR PART B APPLICATION	11/94	JGN	JJK
No.	REVISION	DATE	BY	CHKD
SCALE: AS NOTED				
DESIGN BY: J. KENDALL				
DRAWN BY: E. SIMONSEN				
CHECK BY: D. GORDEN				
PROJECT No. 602-0100				
FILE NAME: TLD-GAND.DWG				
		PROJECT: TRIASSIC PARK WASTE DISPOSAL FACILITY		
		DRAWING TITLE: CONCEPTUAL LANDFILL LINER DETAILS		
		SHEET: 1 OF 1		
		DRAWING No.: REV.		
		FIG. 2-9 1		



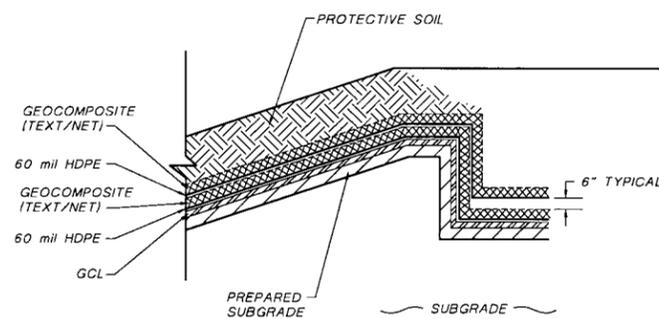
A SLOPE BENCH LCRS AND LDS RISER PIPE DETAIL
2-8/2-10
Not To Scale



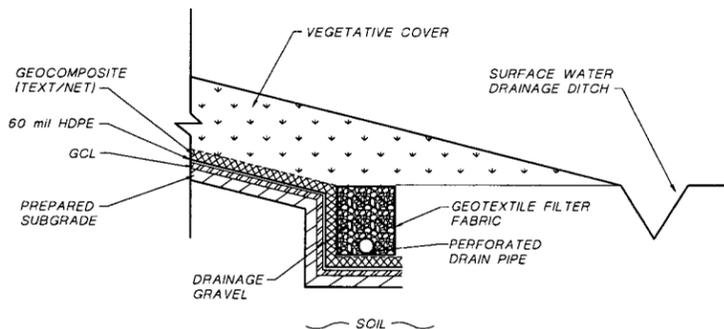
E COVER DETAIL
2-8/2-10
Not To Scale



D COVER AND LINER CREST DETAIL
2-8/2-10
Not To Scale



B LINER ANCHOR TRENCH DETAIL
2-8/2-10
Not To Scale



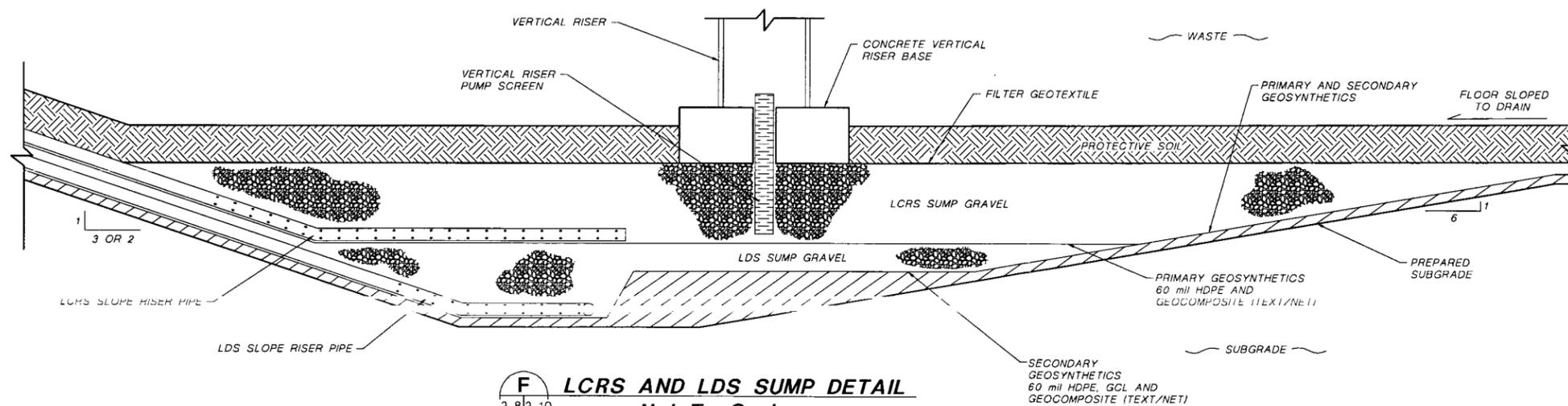
C COVER ANCHOR TRENCH DETAIL
2-8/2-10
Not To Scale

- NOTES:
- 1) PROTECTIVE SOIL CONSISTS OF SELECT SOILS
 - 2) GEOMEMBRANE IS A MIN. 60 mil HDPE
 - 3) GEOCOMPOSITE CONSISTS OF GEOTEXTILE BONDED TO GEONET
 - 4) ACTUAL SIZE, LOCATION, TYPE AND ORIENTATION OF LCRS PIPES AND TANKS ON SLOPE BENCHES AN ON LANDFILL CREST TO BE DETERMINED DURING FINAL DESIGN
 - 5) FINAL ARRANGEMENT OF LCRS AND LDS SUMP TO BE DETERMINED IN FINAL DESIGN
 - 6) COVER SLOPES AND GEOMETRY TO BE DETERMINED IN FINAL DESIGN

DETAIL/SECTION NUMBER
A
6/6

DRAWING No. WHERE
DETAIL/SECTION
IS REFERENCED

DRAWING No. WHERE
DETAIL/SECTION
IS SHOWN



F LCRS AND LDS SUMP DETAIL
2-8/2-10
Not To Scale

4				
3				
2				
1	REVISED CONCEPTUAL LINER DESIGN	3/96	JMB	JJK
0	CONCEPTUAL DESIGN FOR PART B APPLICATION	11/94	JGN	JJK
No.	REVISION	DATE	BY	CHKD
SCALE: AS NOTED				
DESIGN BY: JKENDALL				
DRAWN BY: ESIMONSEN				
CHECK BY: ROOSER				
PROJECT: TRIASSIC PARK WASTE DISPOSAL FACILITY				
DRAWING TITLE: CONCEPTUAL LANDFILL LCRS DETAILS				
PROJECT No. 602-0100				
FILE NAME: TYLDGAND				
SHEET: 1 OF 1				
DRAWING No.: REV.				
FIG. 2-10 1				



TerraMatrix
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