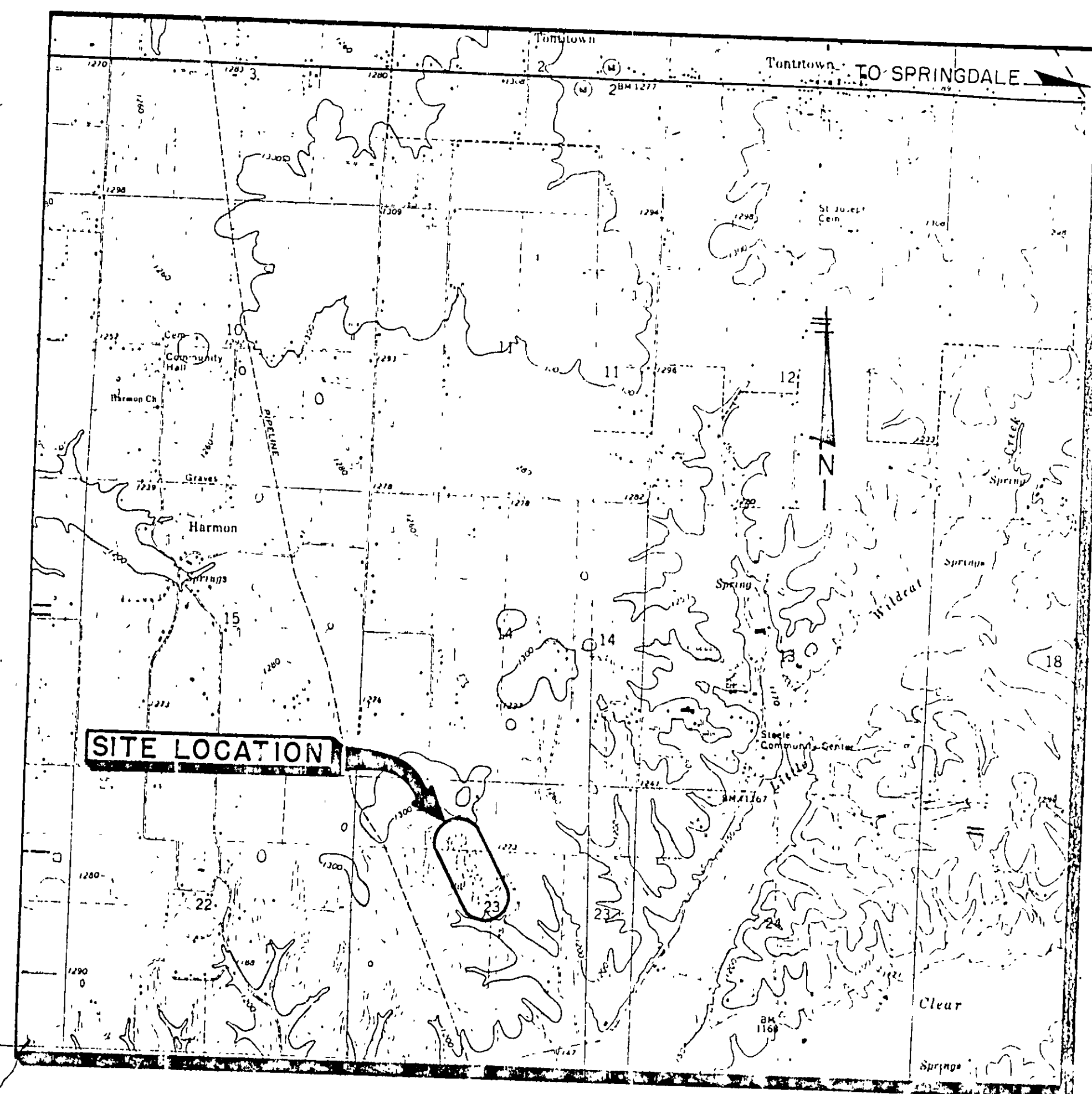


SUNRAY SERVICES, INC.
 SPRINGDALE, ARKANSAS

CSN 72-0144 Permit No. 123SR-1
 Media: Air, Water, Solid, Hazardous
 Sort: Permit, Compliance, Legal, Misc.

PROPOSED CLOSURE PLANS FOR LANDFILL SITE NO. 3 NEAR TONTITOWN, ARKANSAS

PREPARED BY
 WOODWARD-CLYDE CONSULTANTS
 BATON ROUGE, LOUISIANA



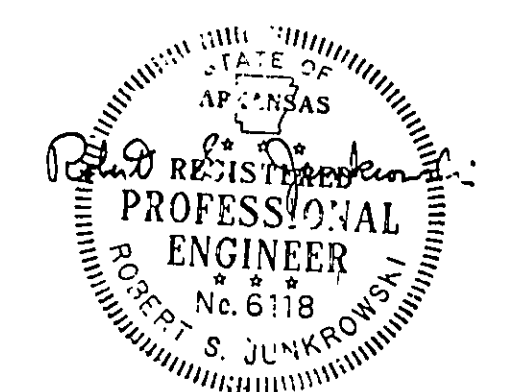
VICINITY MAP

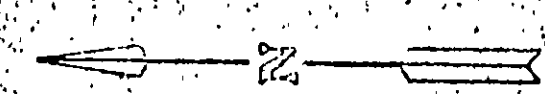
INDEX OF SHEETS	
FIGURE	DESCRIPTION
1	COVER SHEET WITH INDEX
2	EXISTING CONTOURS AND EXISTING PERMIT CONTOURS
3	PROPOSED FINAL CONTOURS AND DRAINAGE
4	NONPUTRESCIBLE WASTE AREA PROPOSED FINAL CONTOURS, LINER DETAILS AND NOTES
5	LANDFILL CROSS SECTIONS
6	LANDFILL CROSS SECTIONS
A	MODIFIED CROSS SECTIONS
B	LEACHATE COLLECTION SYSTEM

FINAL VERSION
5-9-89
24
Oct 88

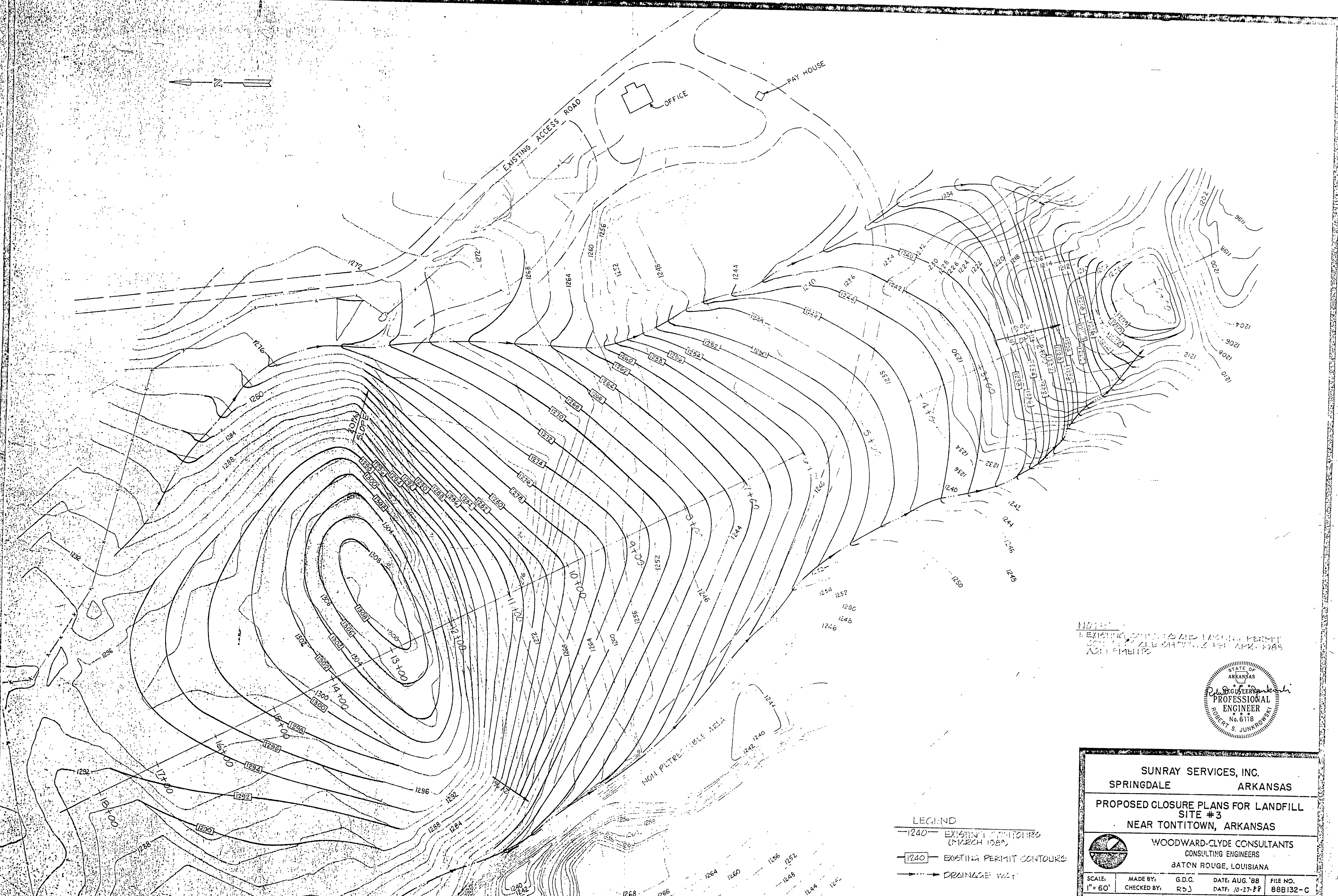
ADEQ Solid Waste Division

Date Rec'd _____ Drawing # 2862
 Permit # _____ CSN 72-0144
 Engr _____ Geol _____
 Design Drawing Permit Plan
 GWM Plan Construction
 Other _____
 Supersedes Drawing # _____
 Supersedes by Revision _____
 Superseded on Date _____

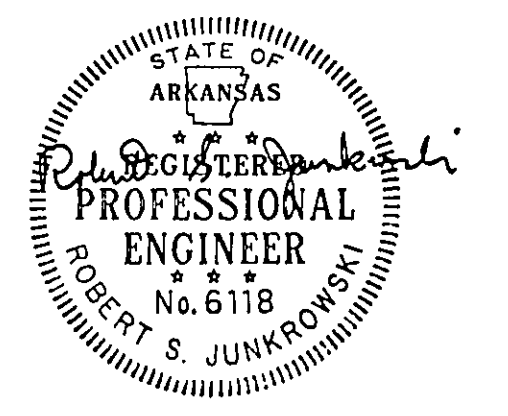




EXISTING ACCESS ROAD
OFFICE
PAY HOUSE

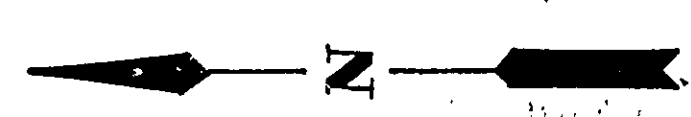


NOTE:
EXISTING CONTOURS AND EXISTING PERMIT
CONTOURS ARE SHOWN FOR APR. 1988
ACCOMPLISHMENTS



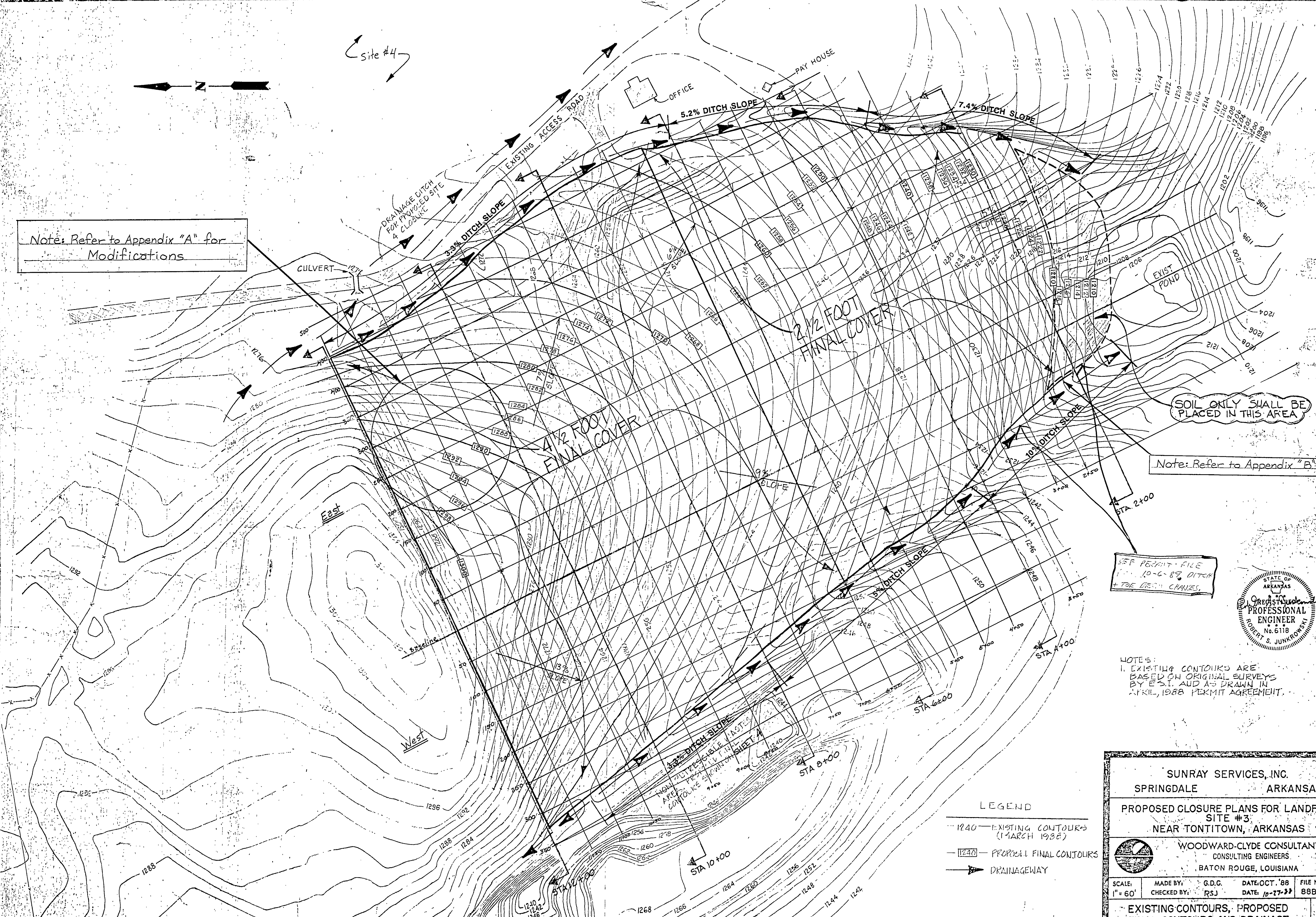
- LEGEND
- 1240- EXISTING CONTOURS (MARCH 1988)
 - 1240- EXISTING PERMIT CONTOURS
 - - - - - DRAINAGE WAY

SUNRAY SERVICES, INC. SPRINGDALE ARKANSAS			
PROPOSED CLOSURE PLANS FOR LANDFILL SITE #3 NEAR TONTITOWN, ARKANSAS			
WOODWARD-CLYDE CONSULTANTS CONSULTING ENGINEERS BATON ROUGE, LOUISIANA			
SCALE: 1" = 60'	MADE BY: G.D.C.	DATE: AUG. 88	FILE NO. 88B132-C
	CHECKED BY: R.S.J.	DATE: 10-27-88	
EXISTING CONTOURS AND EXISTING PERMIT CONTOURS			FIGURE C



Site #4

Note: Refer to Appendix "A" for Modifications



SOIL ONLY SHALL BE PLACED IN THIS AREA

Note: Refer to Appendix "B"

SEE PERMIT FILE 10-G-89 DITCH TO THE WEST CHANNEL



NOTES:
1. EXISTING CONTOURS ARE BASED ON ORIGINAL SURVEYS BY E.S.I. AND AS DRAWN IN APRIL, 1988 PERMIT AGREEMENT.

LEGEND

--- 1240 ---	EXISTING CONTOURS (1 MARCH 1988)
- - - 1240 - - -	PROPOSED FINAL CONTOURS
▶	DRAINAGEWAY

SUNRAY SERVICES, INC.
SPRINGDALE ARKANSAS

PROPOSED CLOSURE PLANS FOR LANDFILL SITE #3, NEAR TONTITOWN, ARKANSAS

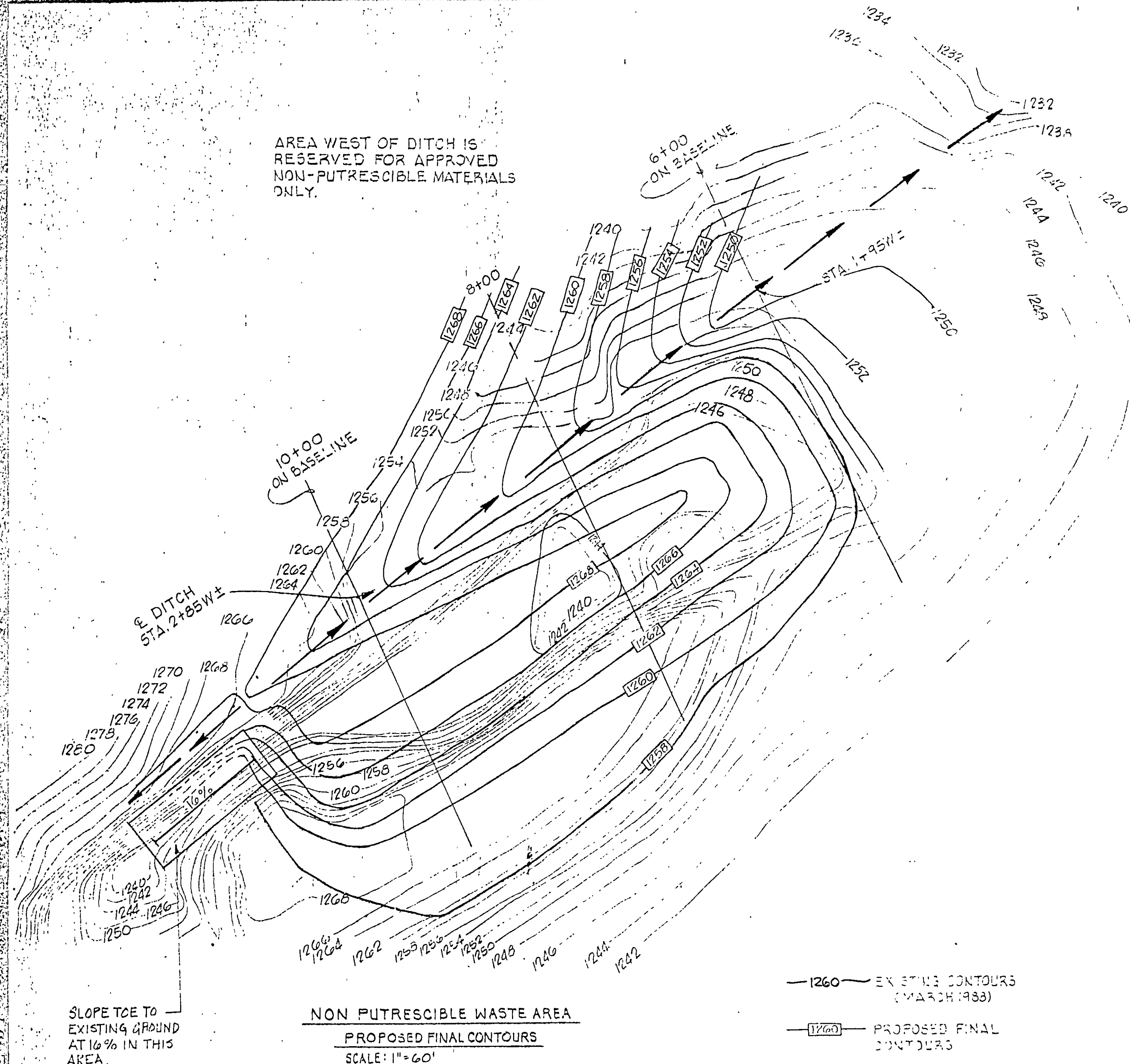
WOODWARD-CLYDE CONSULTANTS CONSULTING ENGINEERS
BATON ROUGE, LOUISIANA

SCALE: 1" = 60'	MADE BY: G.D.C.	DATE: OCT '88	FILE NO. 88B132-C
	CHECKED BY: RSJ	DATE: 10-27-88	

EXISTING CONTOURS, PROPOSED FINAL CONTOURS AND DRAINAGE

FIGURE 3

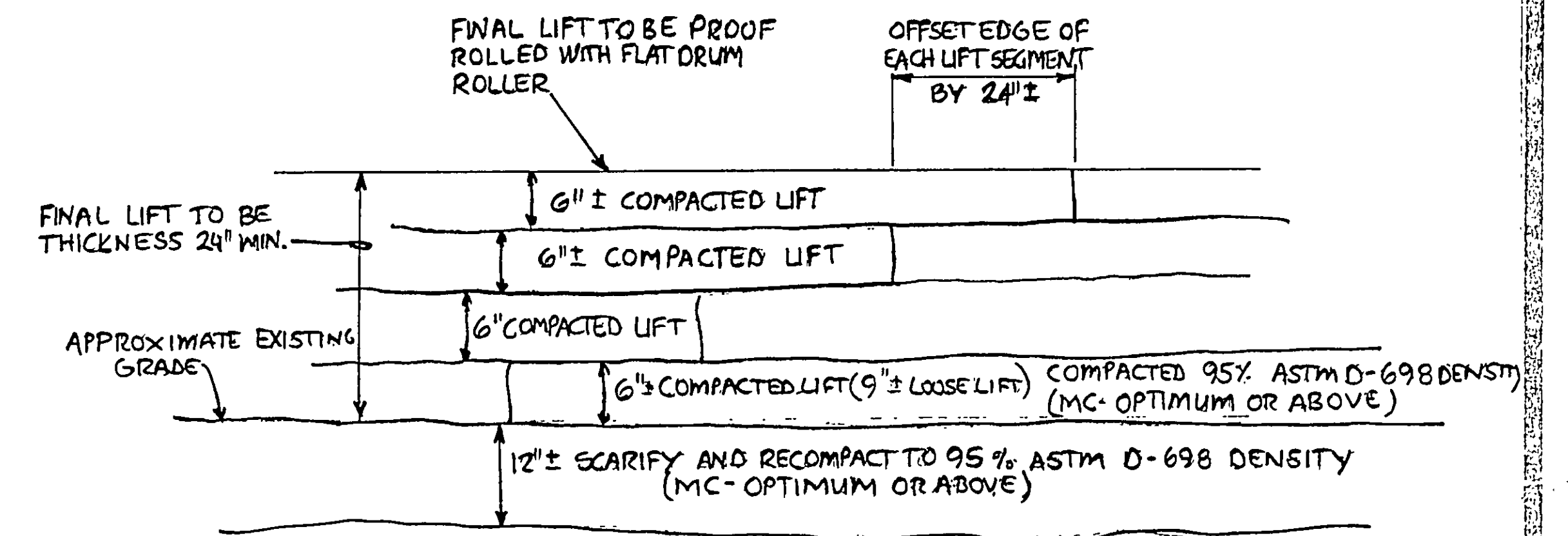
AREA WEST OF DITCH IS RESERVED FOR APPROVED NON-PUTRESCIBLE MATERIALS ONLY.



SLOPE TOE TO EXISTING GROUND AT 10% IN THIS AREA.

NON PUTRESCIBLE WASTE AREA
PROPOSED FINAL CONTOURS
SCALE: 1"=60'

--- 1260 --- EXISTING CONTOURS (MARCH 1988)
— 1260 — PROPOSED FINAL CONTOURS



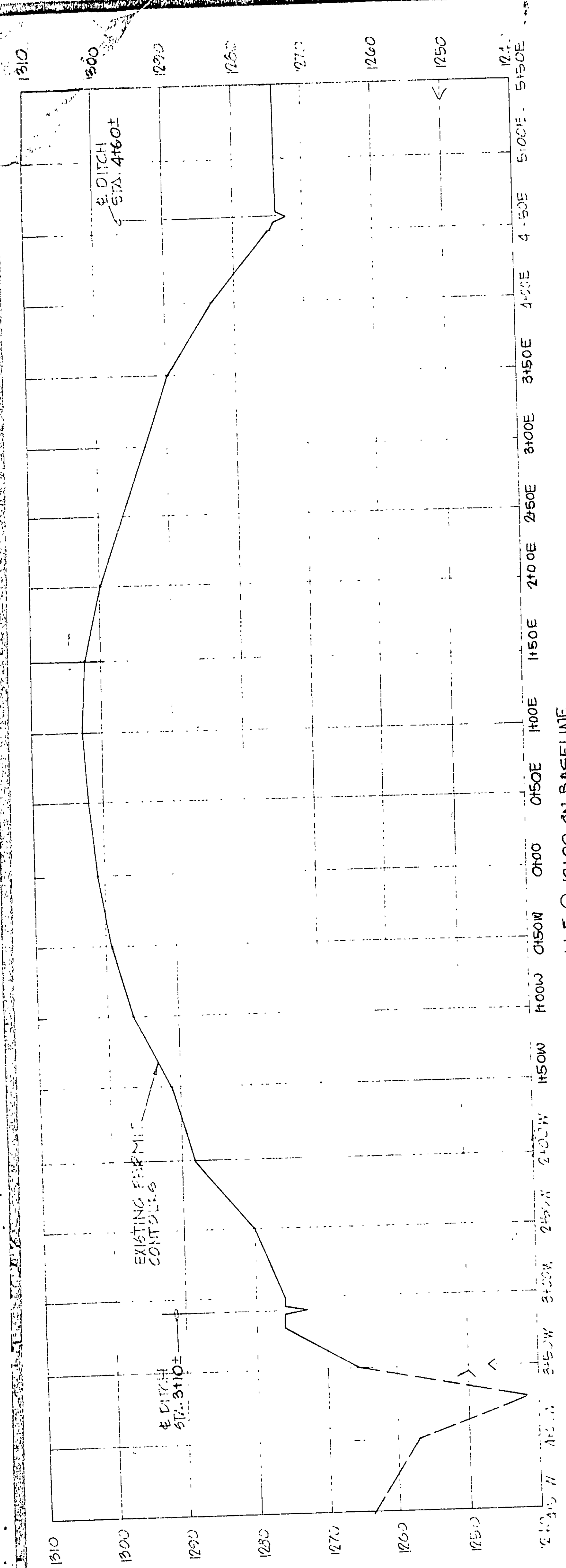
LINER CONSTRUCTION DETAIL
NTS.

CONSTRUCTION NOTES

1. The pit has been previously excavated to desired bottom elevations. However, prior to construction of the liner, any vegetation, large rocks, or loose set deposits will be removed.
2. To avoid detrimental drying to completed portions, the liner will be constructed in segments of sufficient size for efficient waste placement operations.
3. The first step in the liner construction in a specified area will be the scarification of the bottom soils to a depth of approximately 12 inches. Water will be added, if necessary, such that the moisture content of the soil is at optimum or above. The bottom soils will then be recompacted to a density of at least 95 percent of the maximum obtained from the Standard Compaction Test (ASTM D-698).
4. The clay liner will be two feet in final thickness. The clay will be placed in loose lifts not exceeding 9 inches in loose thickness and water added, if necessary, such that the moisture content at the time of compaction is at optimum or above. The clay shall be compacted using a sheepsfoot roller such that a density of at least 95 percent of the maximum determined from the Standard Compaction Test (ASTM D-698) is obtained. If necessary, the surface of the loose lift shall be scarified to a depth of about 2 inches to provide bonding of the overlying lift. The surface of the final lift shall be proof rolled with a smooth drum roller to obtain a flat surface.
5. To provide continuity between the completed segments of the liner, a "stair-step" pattern of lift construction will be utilized to obtain boundary between the lift segments. The edge of each lift will be offset approximately 24 inches from the preceding lift. At the time of construction of the succeeding liner segment, the surfaces of the completed lifts will be scarified to a depth of at least 2 inches for bonding. If any drying of the completed liner has occurred, water will be added and the completed lift recompacted.

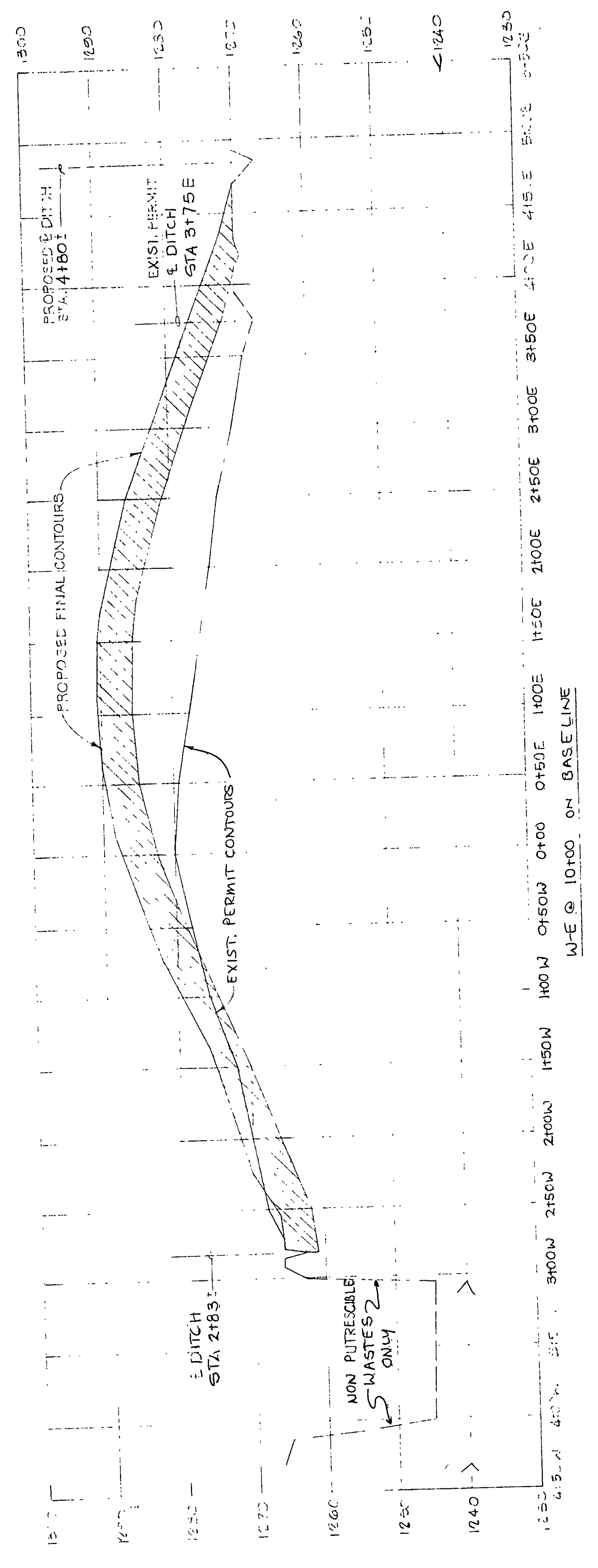


SUNRAY SERVICES, INC.			
SPRINGDALE		ARKANSAS	
PROPOSED CLOSURE PLANS FOR LANDFILL SITE #3 NEAR TONTITOWN, ARKANSAS			
WOODWARD-CLYDE CONSULTANTS CONSULTING ENGINEERS BATON ROUGE, LOUISIANA			
SCALE: SHOWN	MADE BY: CHECKED BY:	G.D.C. RSJ	DATE: OCT. '88 10-27-88
FILE NO. 88B'32-2			FIGURE 4
NON PUTRESCIBLE WASTE AREA PROPOSED FINAL CONTOURS, LINER DETAILS AND NOTES			

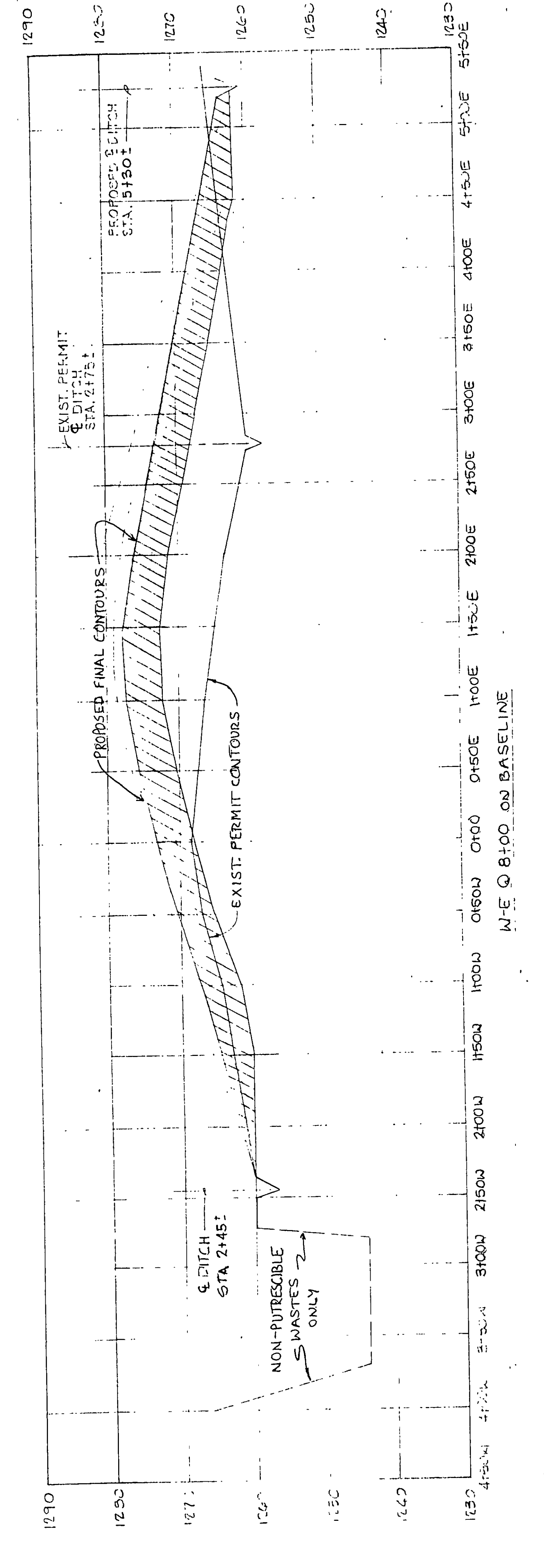


Note: Refer to Appendix "A" for Modifications

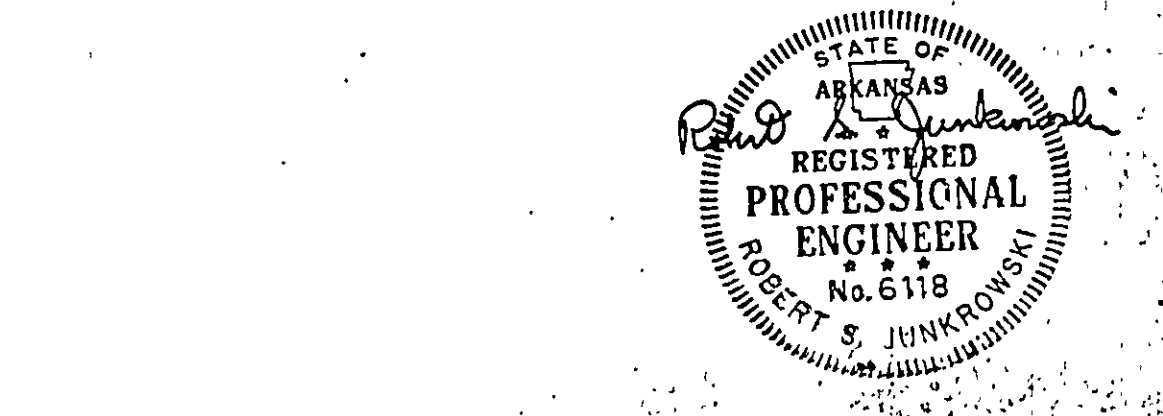
W-E @ 12100 ON BASELINE



W-E @ 10100 ON BASELINE



W-E @ 8100 ON BASELINE



SUNRAY SERVICES, INC.
 SPRINGDALE ARKANSAS

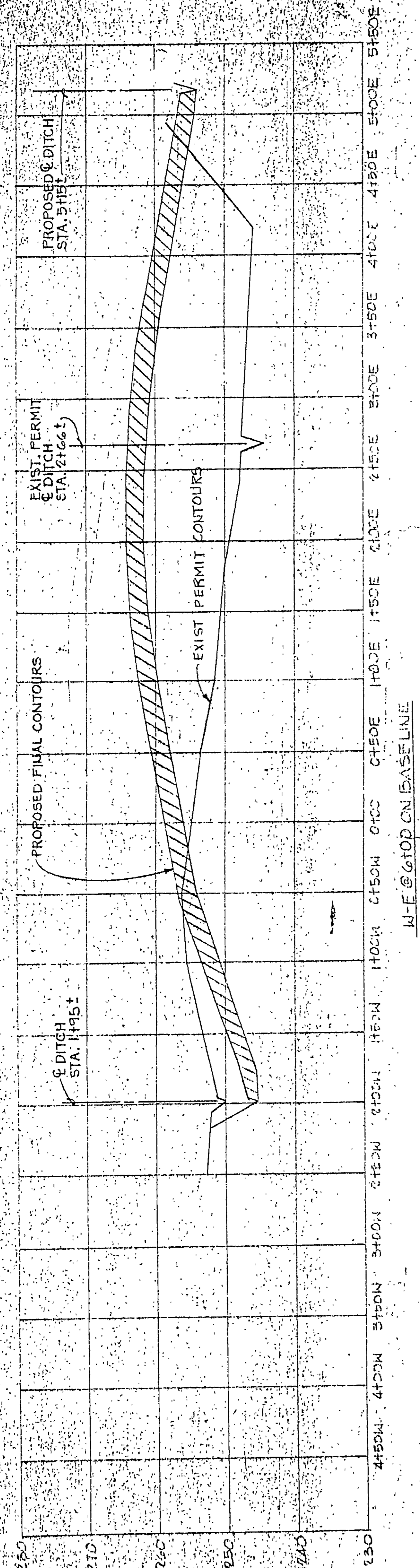
PROPOSED CLOSURE PLANS FOR LANDFILL
 SITE #3
 NEAR TONTITOWN, ARKANSAS

WOODWARD-CLYDE CONSULTANTS
 CONSULTING ENGINEERS
 BATON ROUGE, LOUISIANA

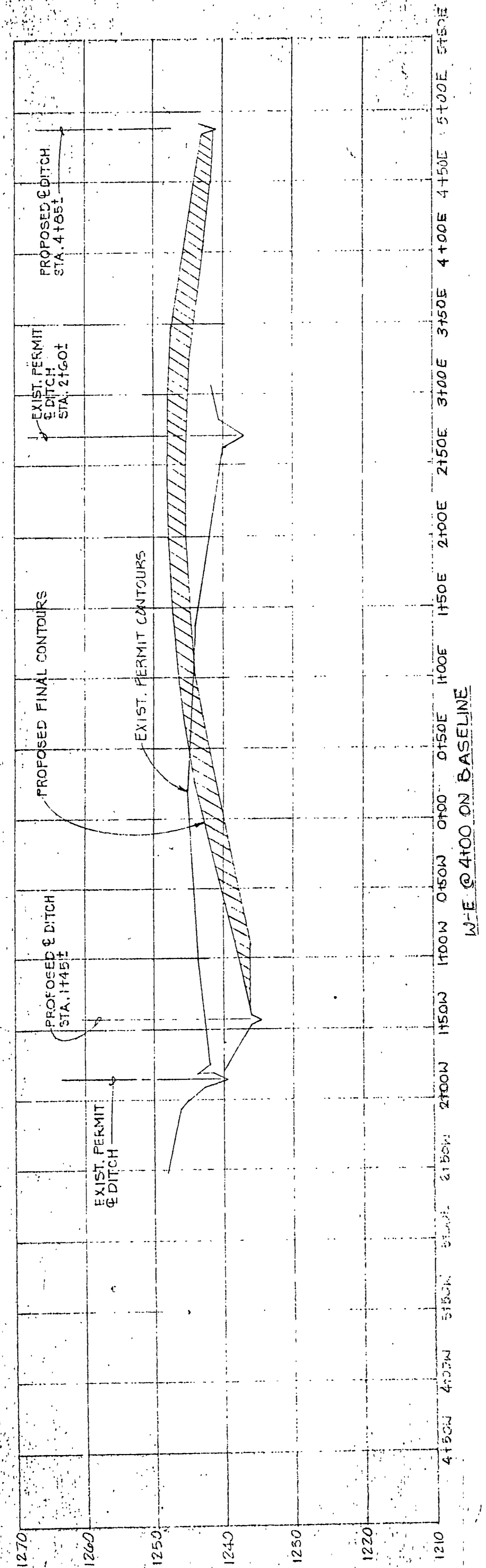
SCALE: 1" = 50' H, 1" = 10' V
 MADE BY: G.D.C. DATE: Oct '88
 CHECKED BY: R.S.J. DATE: 10-27-88

FILE NO. 88P 132-C
 FIGURE 5

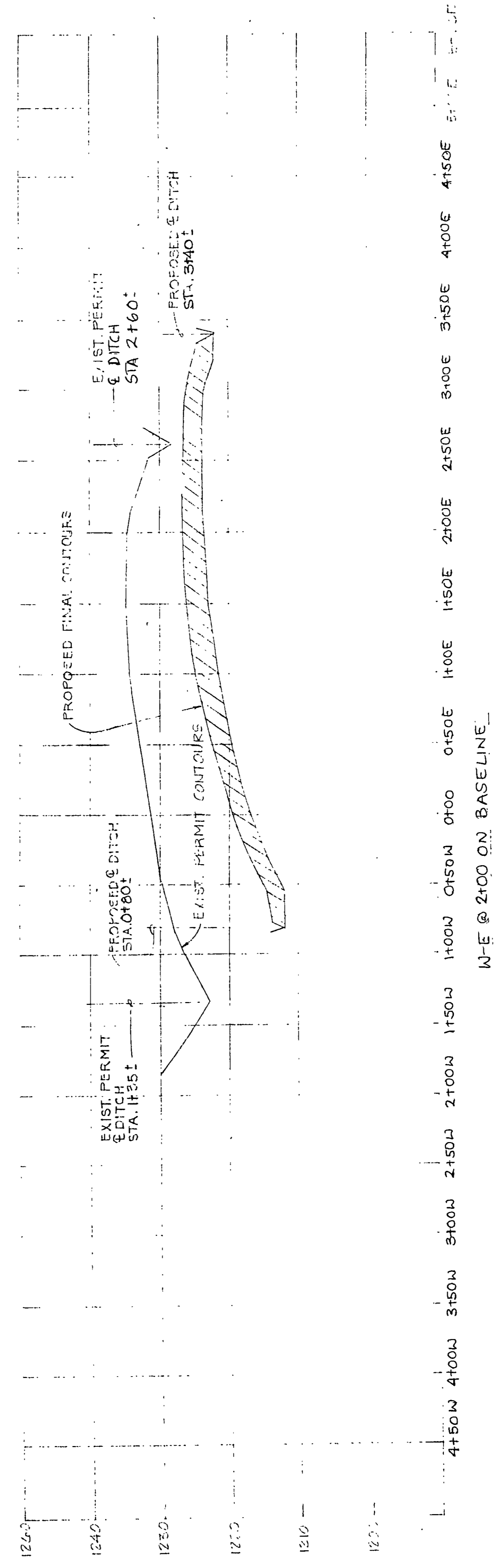
LANDFILL CROSS SECTIONS



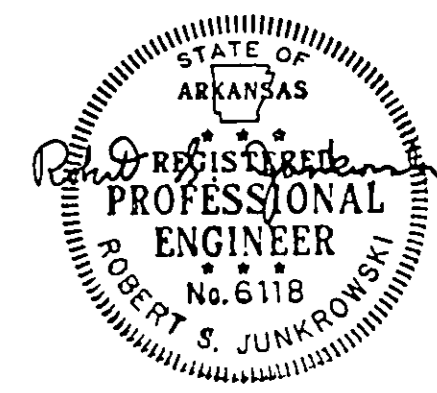
W-E @ 6100 ON BASELINE



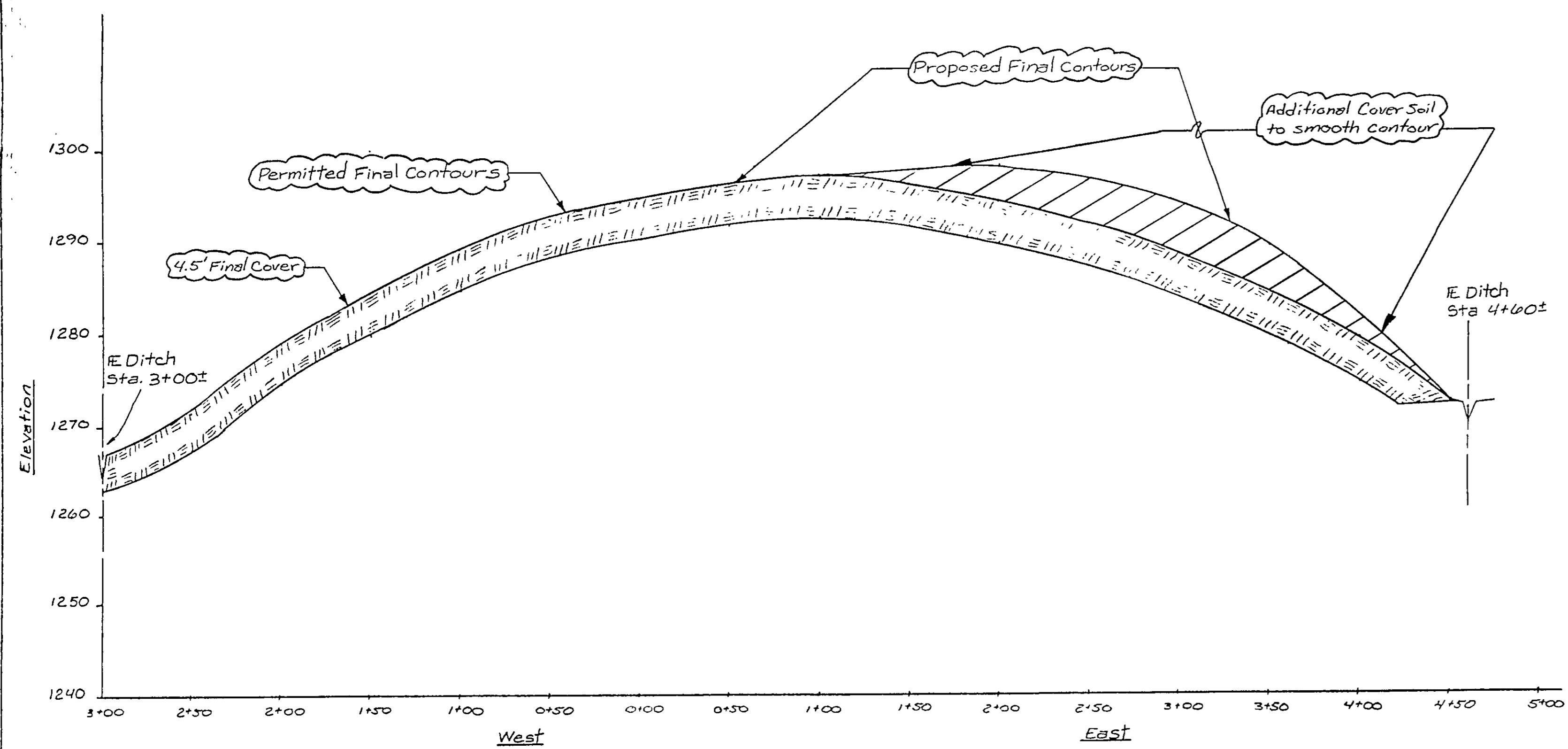
W-E @ 4100 ON BASELINE



W-E @ 2100 ON BASELINE

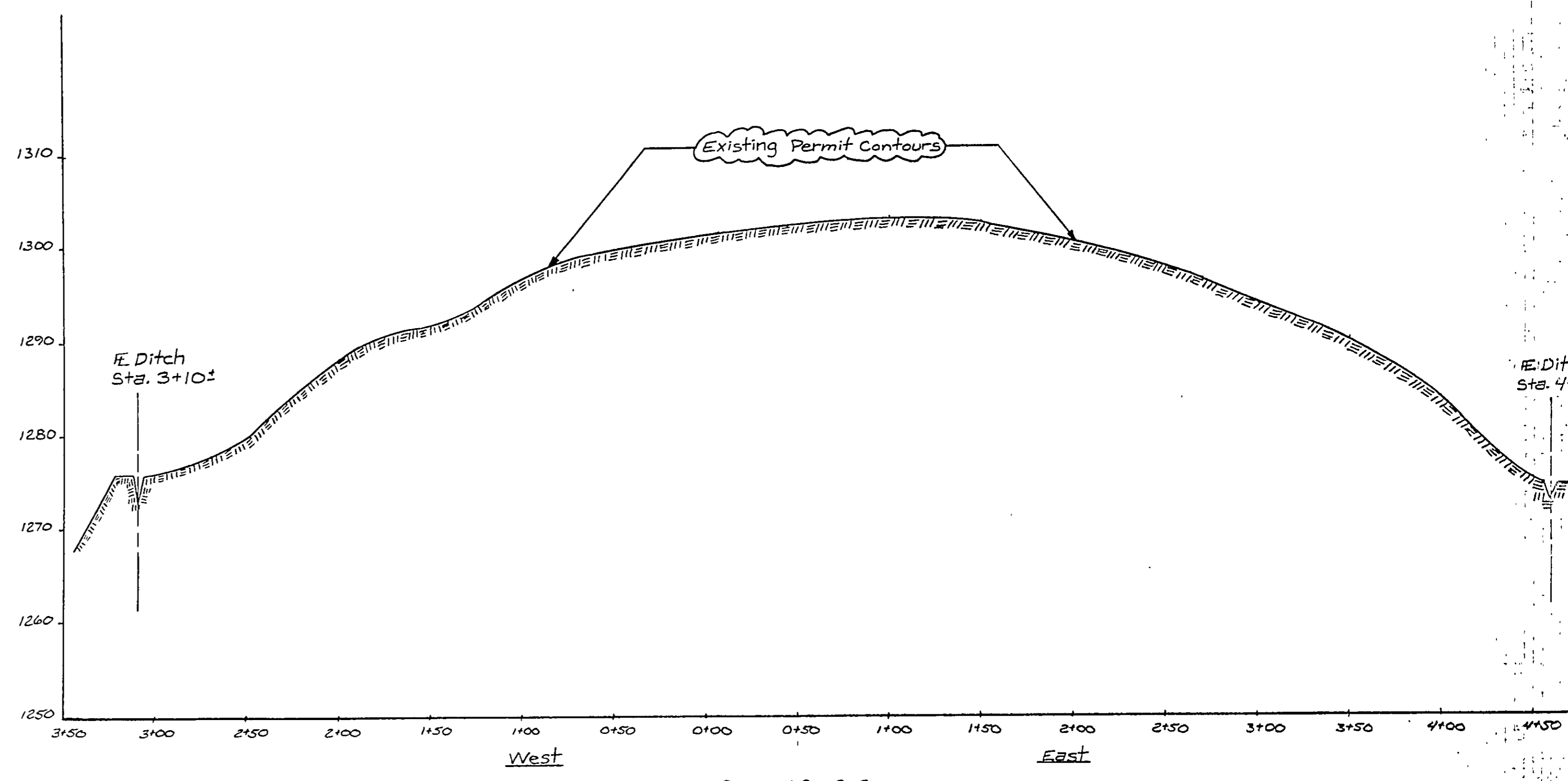


SUNRAY SERVICES, INC. SPRINGDALE ARKANSAS			
PROPOSED CLOSURE PLANS FOR LANDFILL SITE # 3 NEAR TONTITOWN, ARKANSAS			
WOODWARD-CLYDE CONSULTANTS CONSULTING ENGINEERS BATON ROUGE, LOUISIANA			
SCALE: H = 50' V = 10'	MADE BY: G.D.C. CHECK'D BY: R.S.J.	DATE: OCT 1988 DATE: 10-27-88	FILE NO. 88 B132-C
LANDFILL CROSS SECTIONS			FIGURE 6



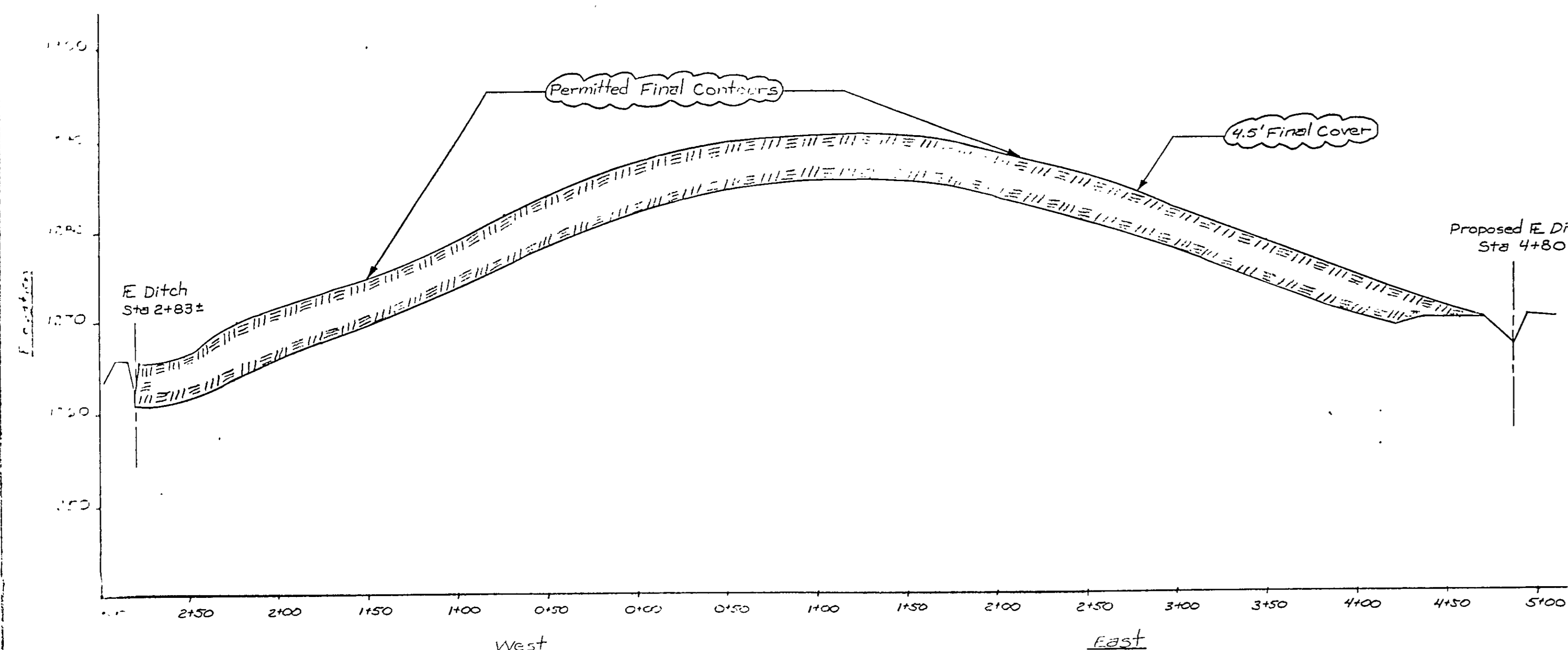
Sta. 11+00

Scale: Horz. 1" = 50'
Vert. 1" = 10'



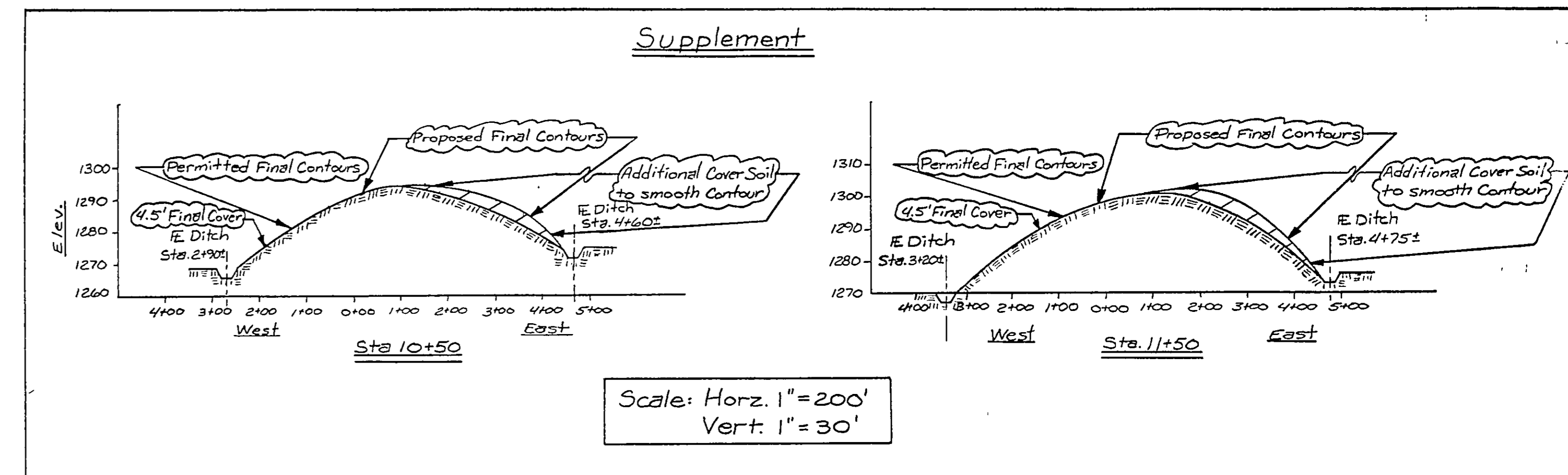
Sta. 12+00

Note: Match Grade



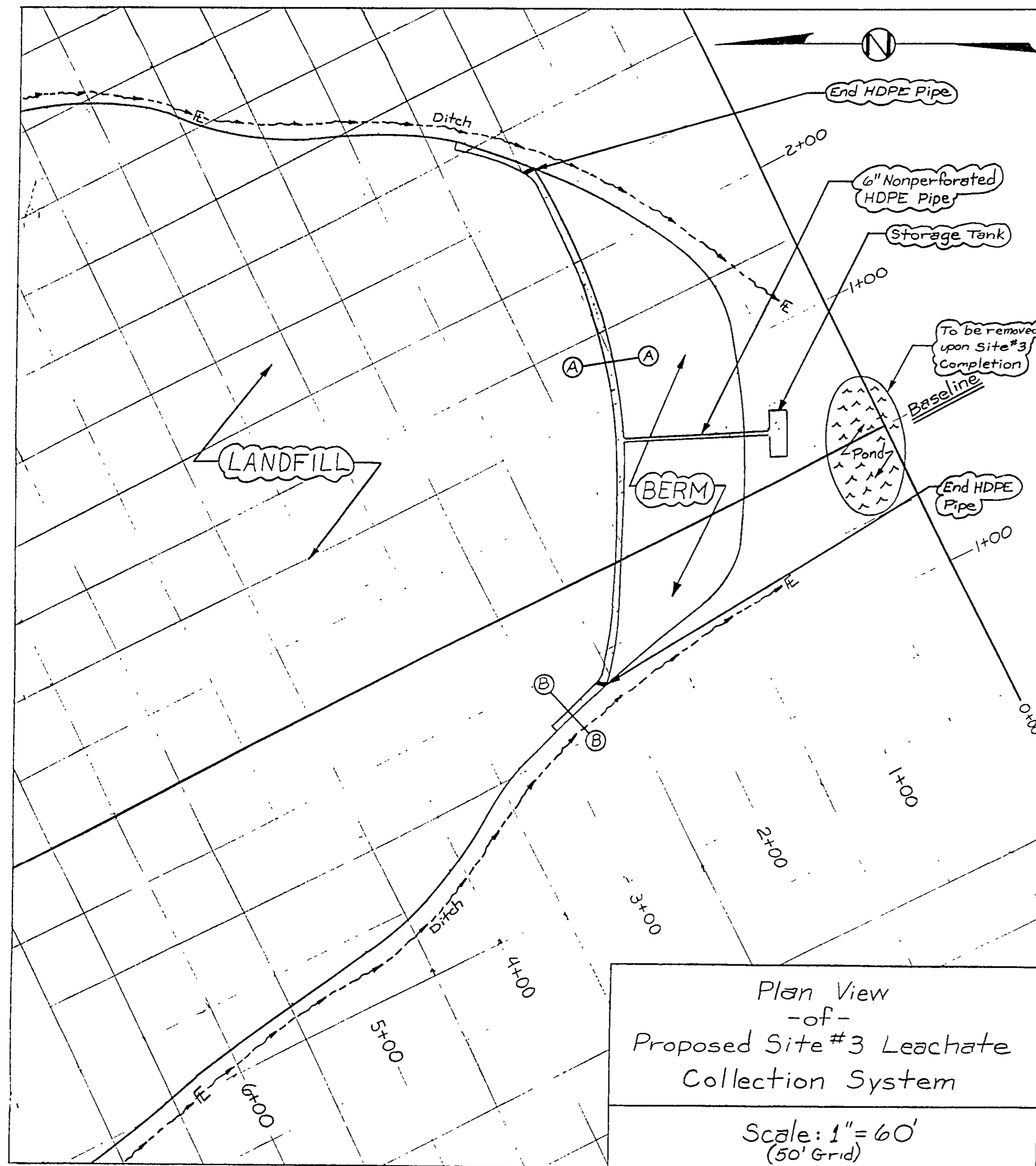
Sta. 10+00

Note: Match grade and continue with Final Permitted Elevations thru Toe berm as specified by Closure Plans.



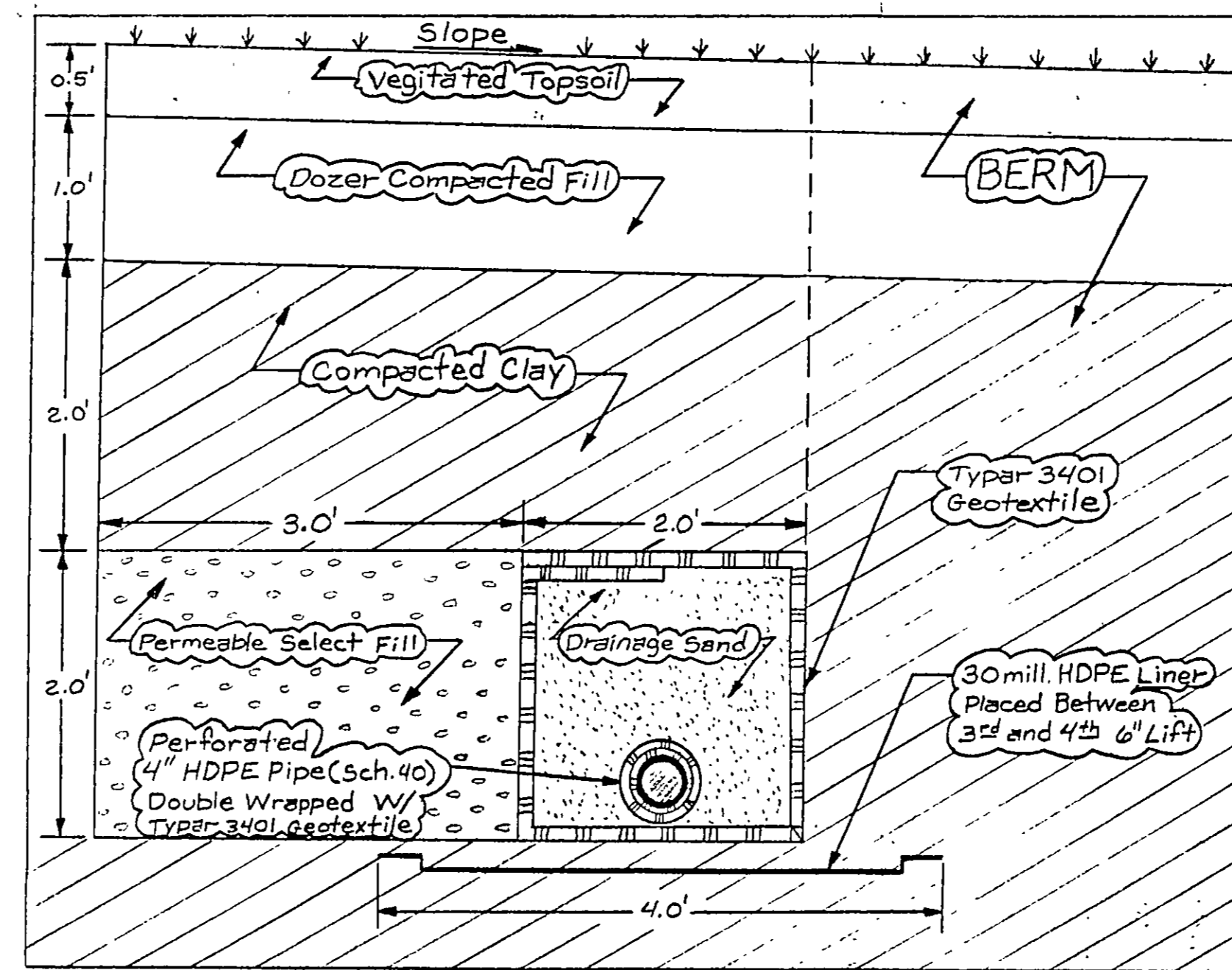
Scale: Horz. 1" = 200'
Vert. 1" = 30'

Sunray Services, Inc.
Springdale Arkansas
Proposed Closure Plans for Landfill Site #3
Near Tontitown, Arkansas
Scale: As Noted Date: 4/25/04
Permitted and Proposed Final Contours
APPENDIX A

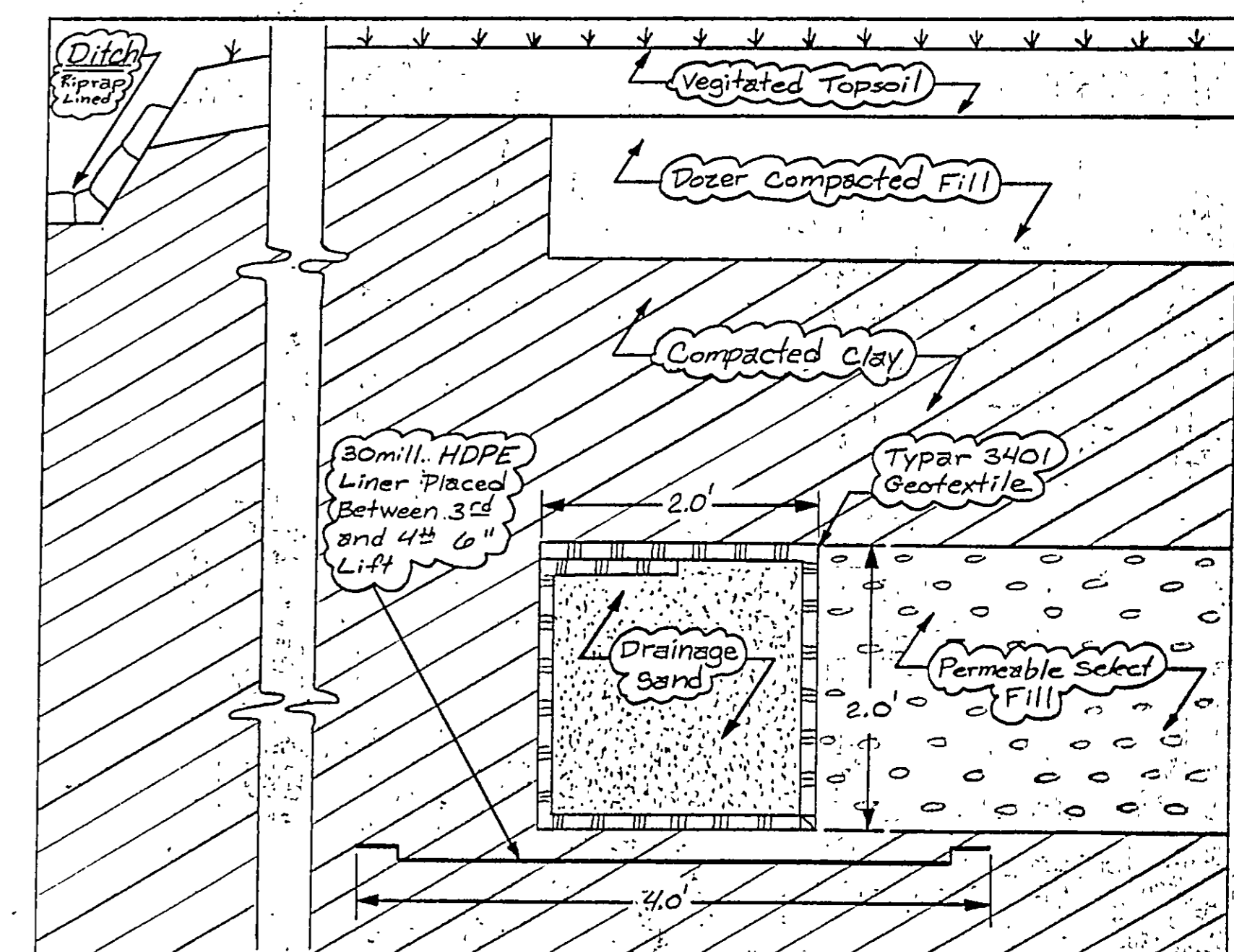


Plan View
-of-
Proposed Site #3 Leachate
Collection System

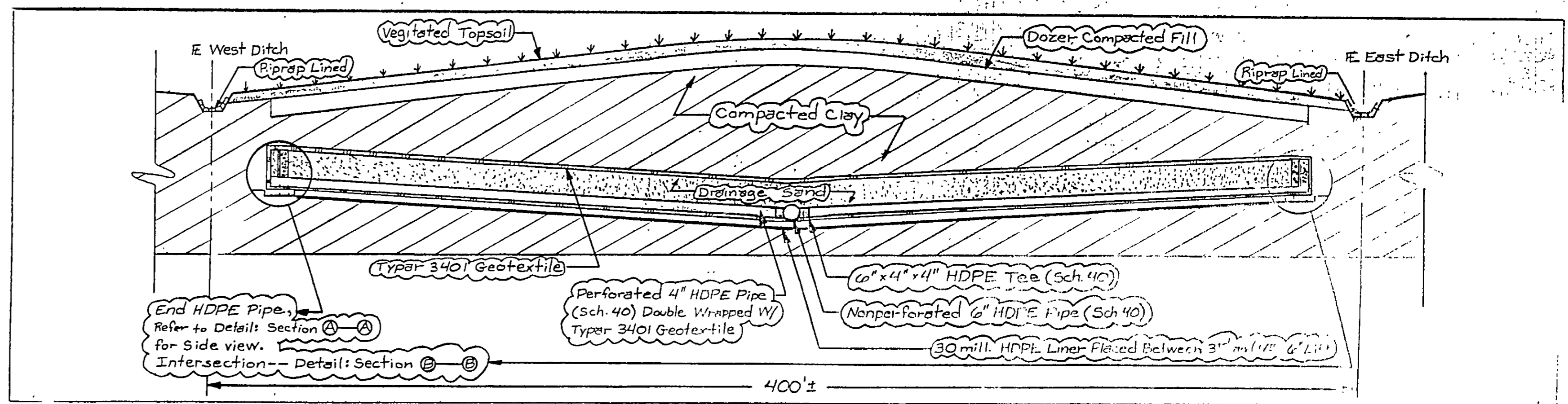
Scale: 1" = 60'
(50' Grid)



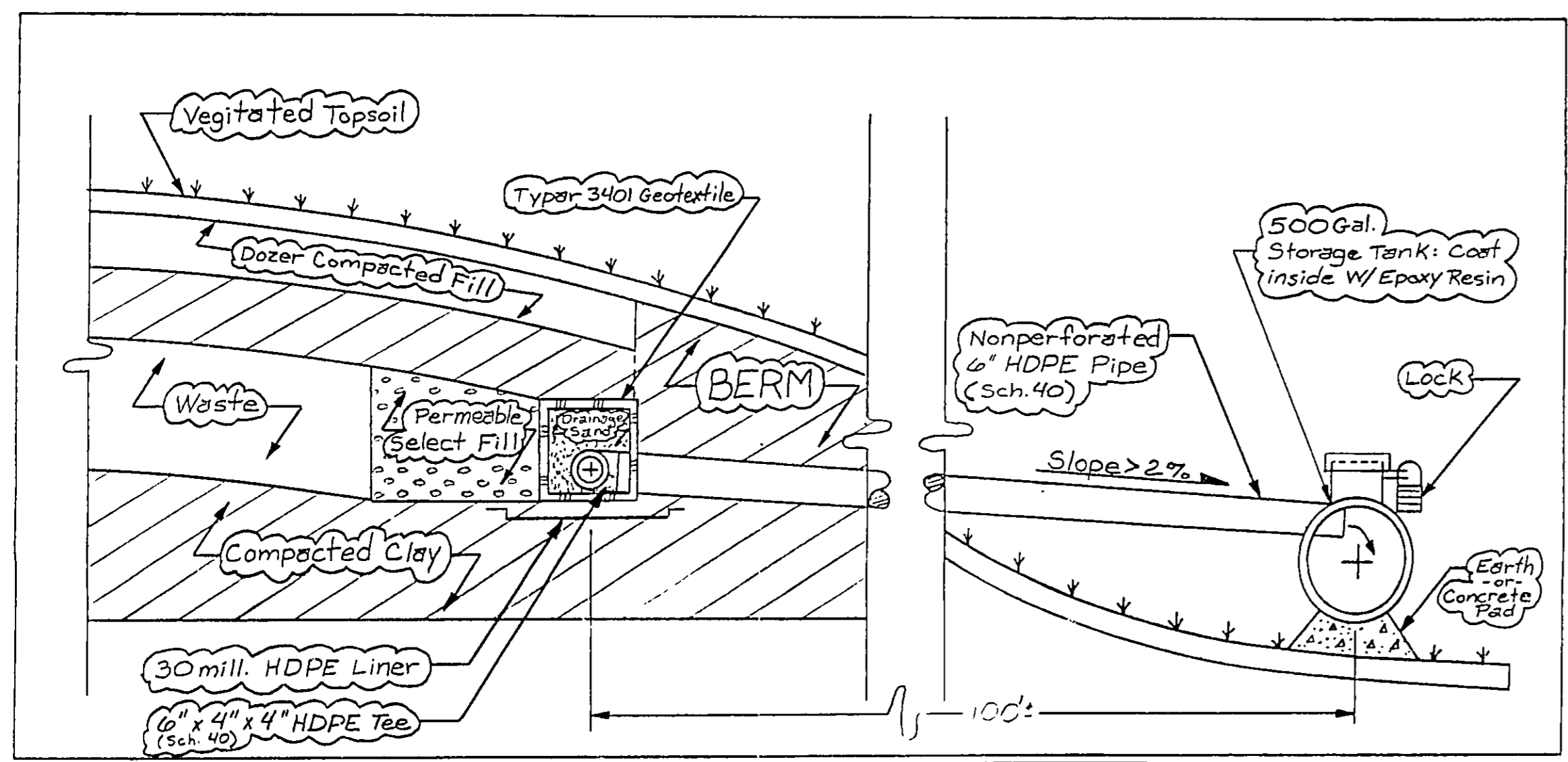
Detail: Section A-A
Scale: 1" = 1'



Detail: Section B-B
Scale: 1" = 1'



Cross Section: Leachate Collection
Scale: Horz. 1" = 30'; Vert. 1" = 5'



Detail: Leachate Collection and Storage
N.T.S.

Leachate Collection System
Construction Notes

1. Clear and Strip Vegetation from the area of the Berm and Leachate Collection System. Stockpile topsoil for reuse.
2. A Leachate Collection Drain Shall be Provided around the Perimeter Toe of the Waste as Indicated on this Sheet. An outlet Drain Consisting of Nonperforated 6" HDPE Pipe (Sch. 40) shall be Provided from the Perimeter Drain to the Collection Tank.
3. The Leachate Collection Drain along Ditch shall consist of Drainage Sand Wrapped in a Layer of Typar 3401 Geotextile. The Drainage Sand shall conform to the Gradation Specified under ASTM C-33 or as Approved by the Engineer.
4. The Leachate Collection Drain across Land-Fill Toe shall consist of a Perforated 4" HDPE Pipe (Sch. 40) Double Wrapped W/ Typar 3401 Geotextile as Indicated on this Sheet, and Drainage Sand Wrapped in a Layer of Typar 3401 Geotextile. Specification of Drainage Sand same as Article 3.
5. A Protective Layer of Select Fill Consisting of Filter Sand or Non-organic Loosely Compacted Clay (as approved by the Engineer) shall be Installed between the Waste and the Drain. No Waste shall be Placed W/in. 3 feet of the Perimeter Toe Drain.
6. Seeding of the Topsoil shall be in conformance w/ the Requirements of Section 620 -- Seeding of the Arkansas Highway Commission Publication "Standard Specifications for Highway Construction".
7. The Leachate Collection Tank should be inspected Weekly and volume of Leachate Recorded at Each Inspection.

Sunray Services, Inc.
Springdale Arkansas

Proposed Closure Plans for Landfill
Site #3
Near Tentitown, Arkansas

Scale: As Noted Date: 4/27/09 Design by: KEH

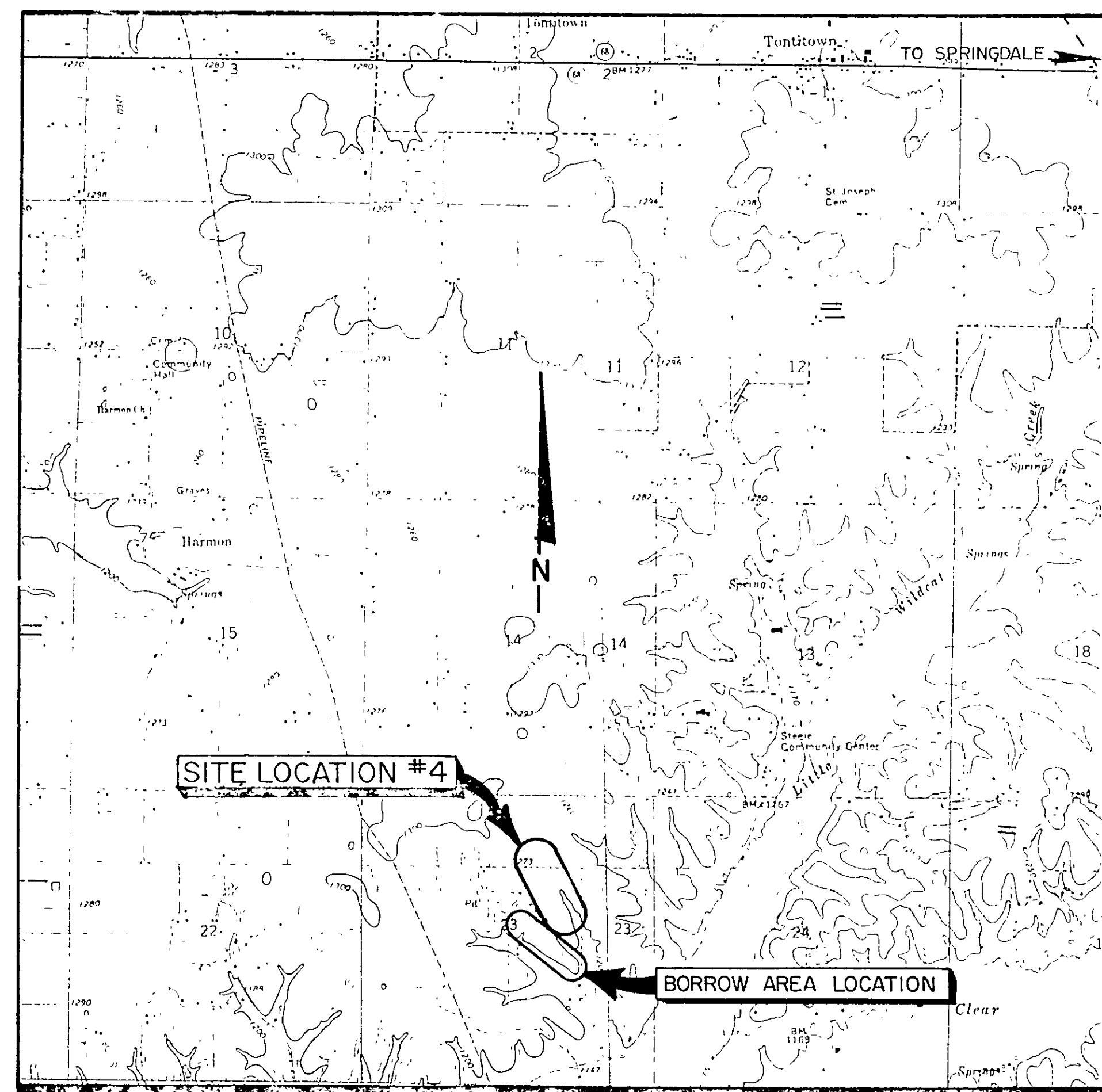
Proposed Leachate Collection System

APPENDIX "B"

SUNRAY SERVICES, INC.
 SPRINGDALE, ARKANSAS

PROPOSED CLOSURE PLANS FOR LANDFILL SITE NO. 4 NEAR TONTITOWN, ARKANSAS

PREPARED BY
 WOODWARD-CLYDE CONSULTANTS
 BATON ROUGE, LOUISIANA



VICINITY MAP

INDEX OF SHEETS	
FIGURE	DESCRIPTION
1	COVER SHEET WITH INDEX
2	EXISTING LANDFILL AREA CONTOURS AND MONITOR WELL LOCATIONS
3	PROPOSED FINAL LANDFILL CONTOURS AND DRAINAGE
4	LANDFILL CROSS SECTIONS
5	LANDFILL CROSS SECTIONS
6	LEACHATE COLLECTION SYSTEM
7	LEACHATE COLLECTION SYSTEM AND CLAY BLANKET
8	LANDFILL OPERATING PLAN
A-1	EXISTING BORROW AREA CONTOURS AND BORING LOCATIONS
A-2	FINAL BORROW AREA CONTOURS
A-3	BORROW AREA CROSS SECTIONS
A-4	BORROW AREA CROSS SECTIONS

SUNRAY 4 (FINAL MARCH, '89)

ADEQ Solid Waste Division

Date Rec'd _____ Drawing # 22101

Permit # _____ CSN 72-0140

Engr _____ Geol. _____

Design Drawing Permit Plan

GWM Plan Construction

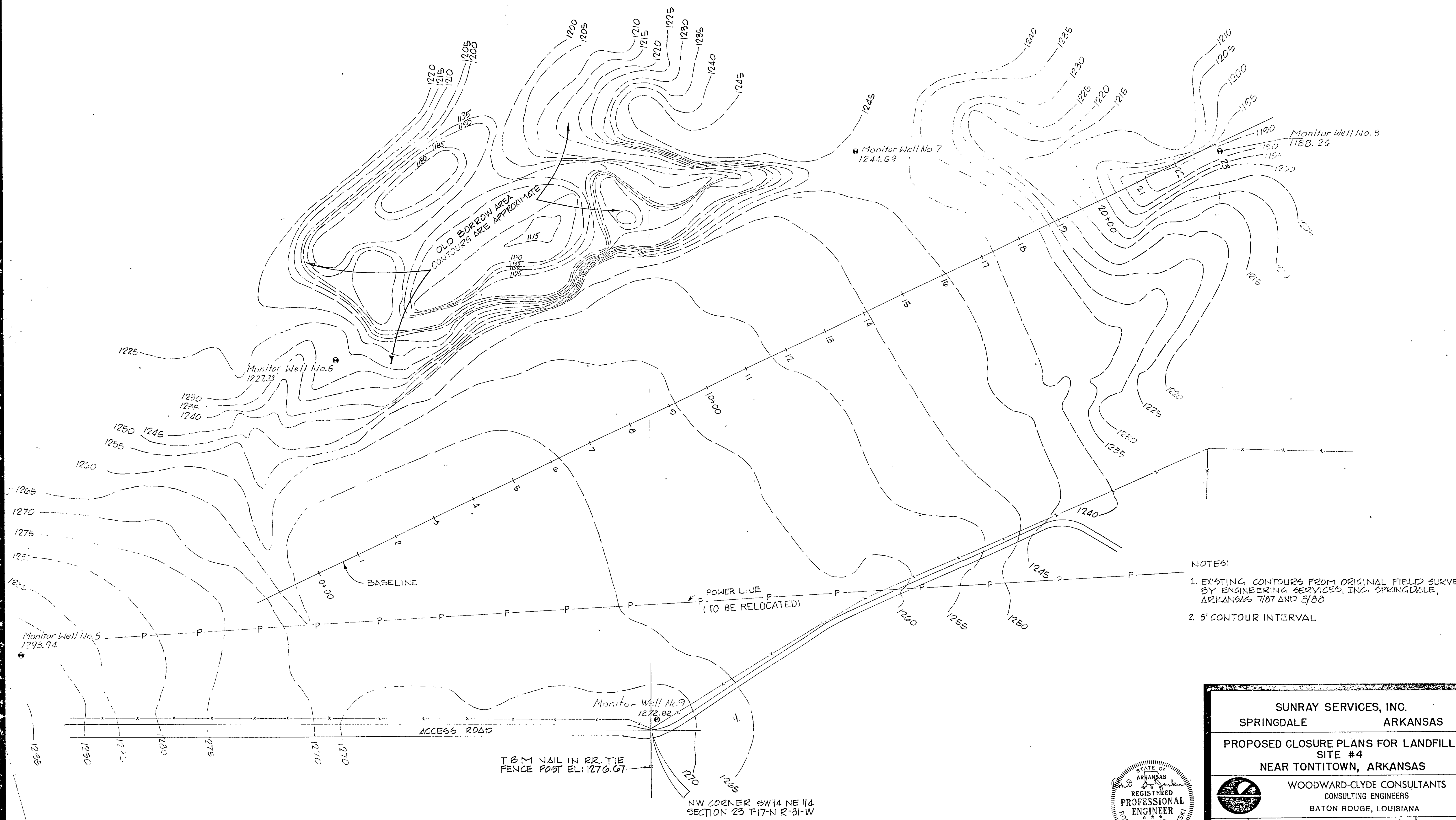
Other _____

Supersedes Drawing # _____

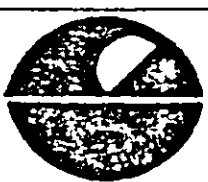
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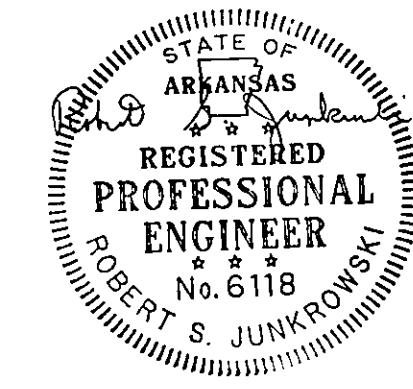
Superseded on Date _____

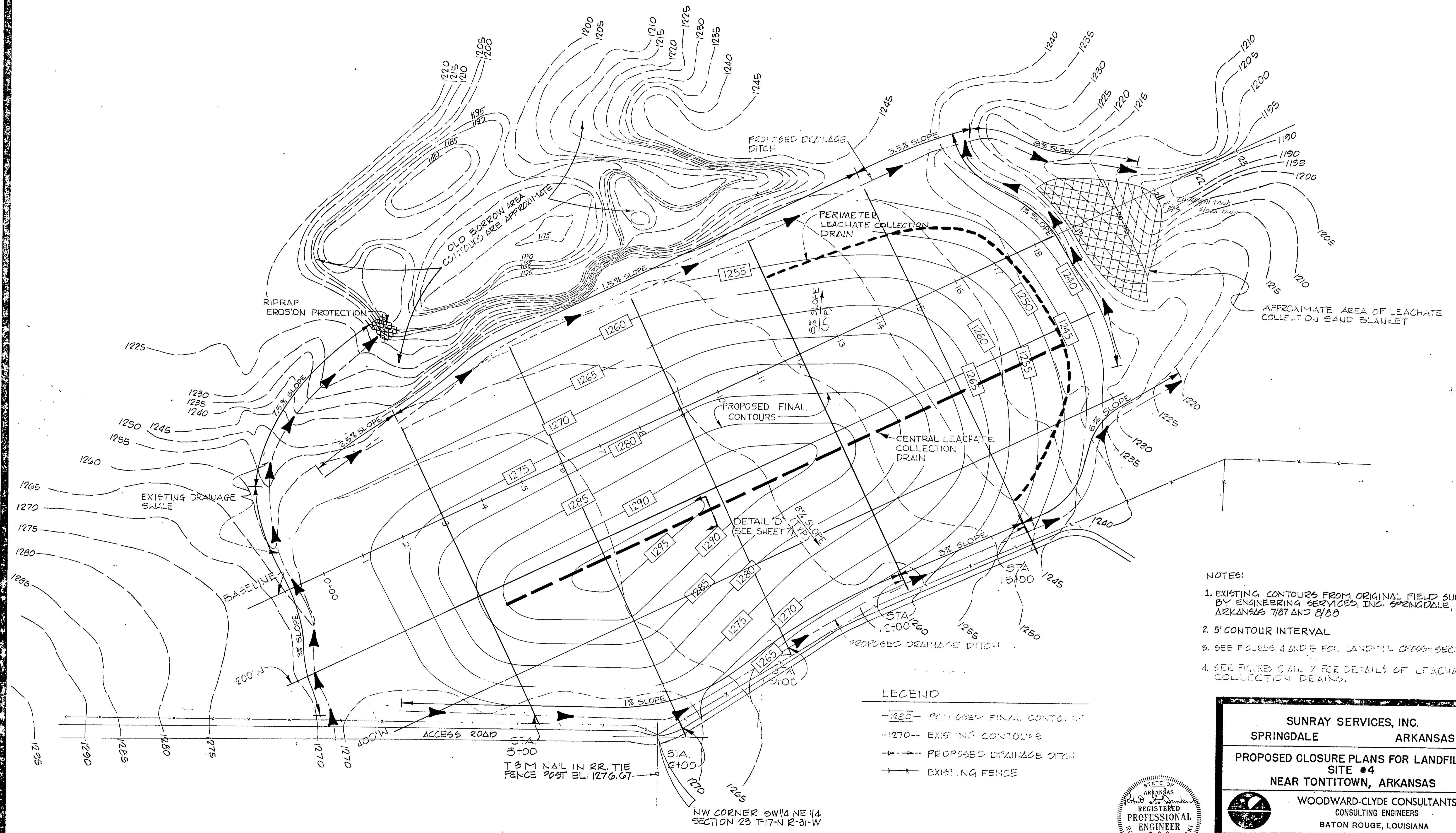
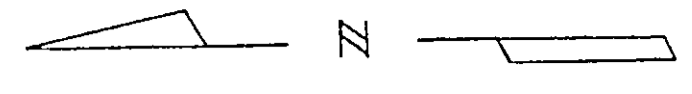




- NOTES:
1. EXISTING CONTOURS FROM ORIGINAL FIELD SURVEYS BY ENGINEERING SERVICES, INC. SPRINGDALE, ARKANSAS 7/87 AND 8/80
 2. 5' CONTOUR INTERVAL

SUNRAY SERVICES, INC. SPRINGDALE ARKANSAS			
PROPOSED CLOSURE PLANS FOR LANDFILL SITE #4 NEAR TONTOWN, ARKANSAS			
 WOODWARD-CLYDE CONSULTANTS CONSULTING ENGINEERS BATON ROUGE, LOUISIANA			
SCALE: 1"=100'	MADE BY: R.S.J.	DATE: AUG '88	FILE NO. 88B132-C
	CHECKED BY: R.S.J.	DATE: 9-9-88	FIGURE 2
EXISTING LANDFILL AREA CONTOURS AND MONITOR WELL LOCATIONS			





- NOTES:
1. EXISTING CONTOURS FROM ORIGINAL FIELD SURVEYS BY ENGINEERING SERVICES, INC. SPRINGDALE, ARKANSAS 7/87 AND 8/88
 2. 5' CONTOUR INTERVAL
 3. SEE FIGURES 4 AND 5 FOR LANDFILL CROSS-SECTIONS
 4. SEE FIGURES 6 AND 7 FOR DETAILS OF LEACHATE COLLECTION DRAINS.

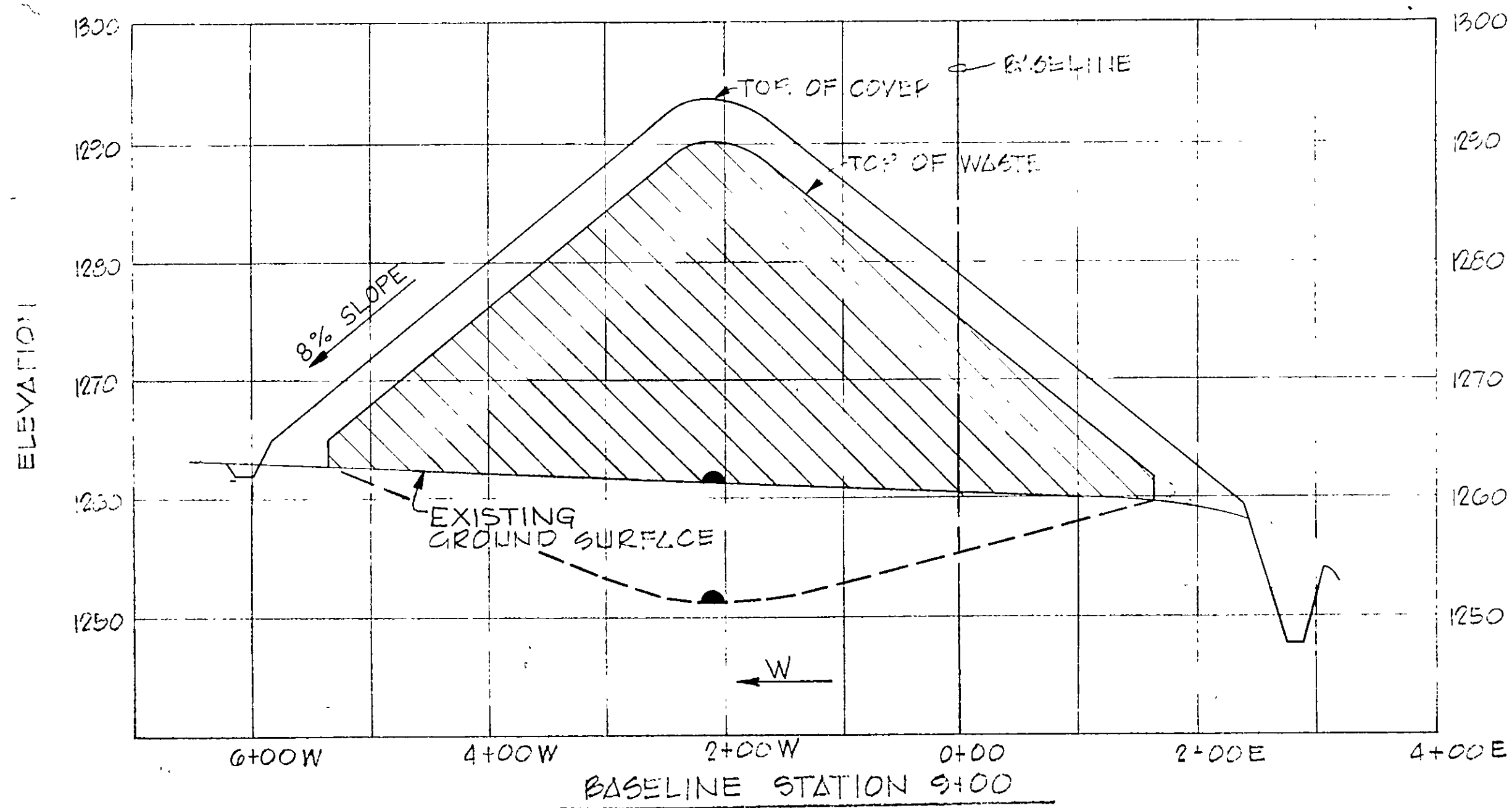
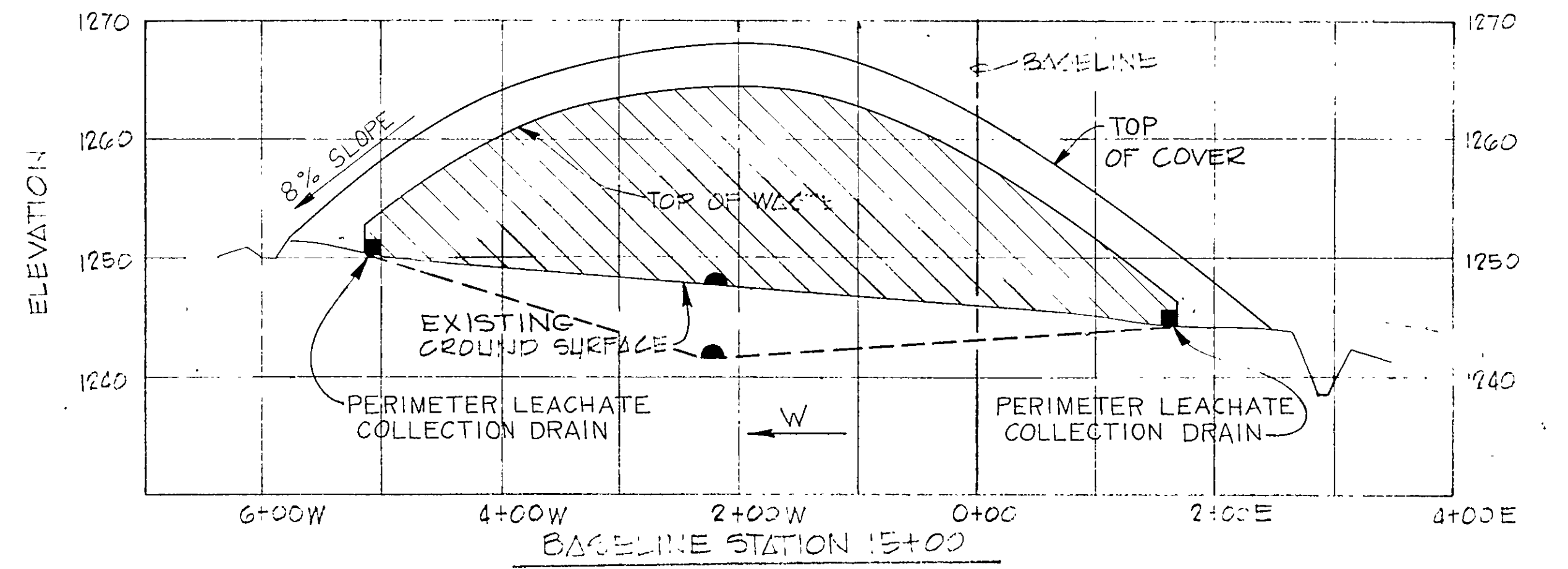
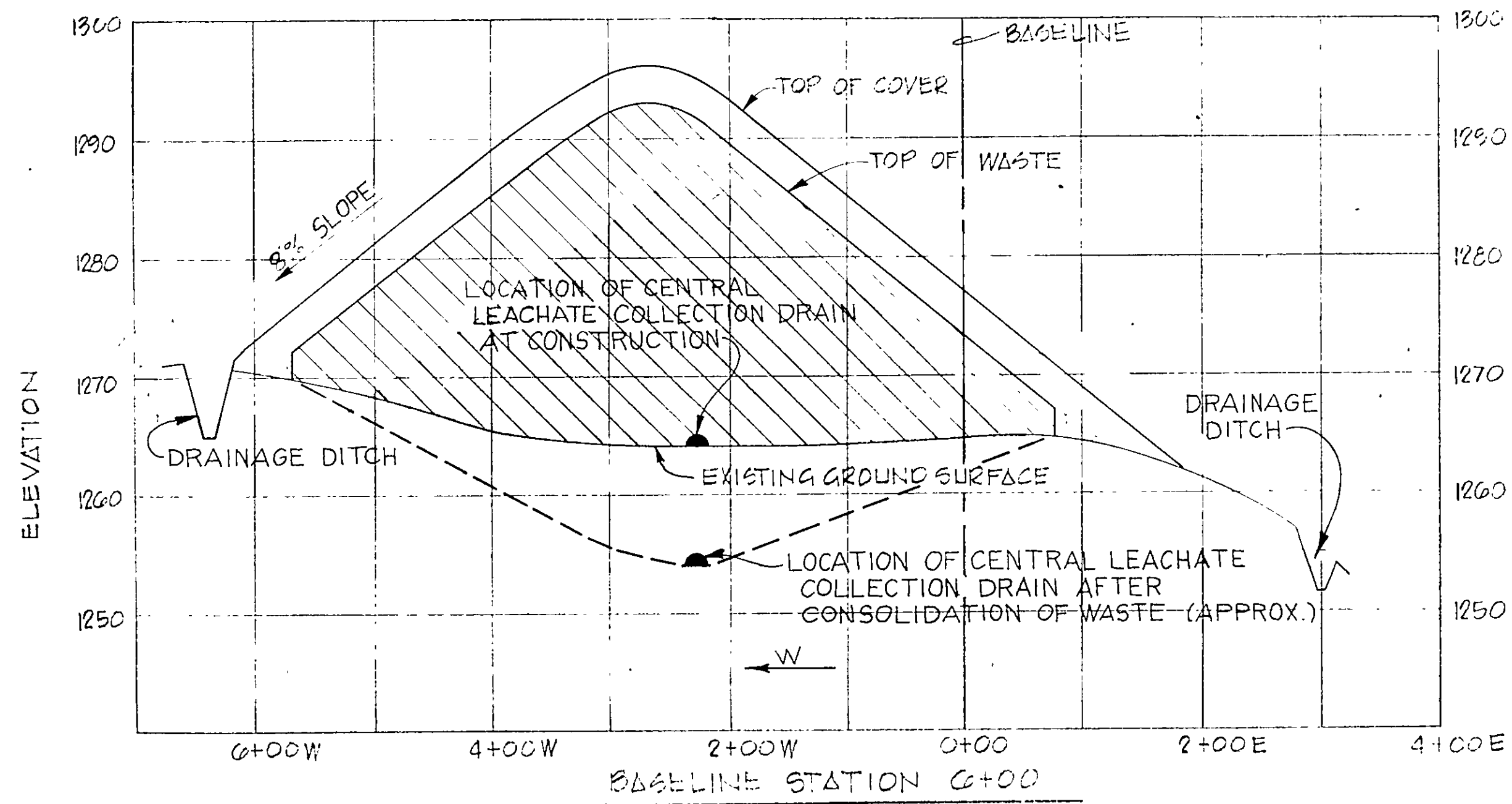
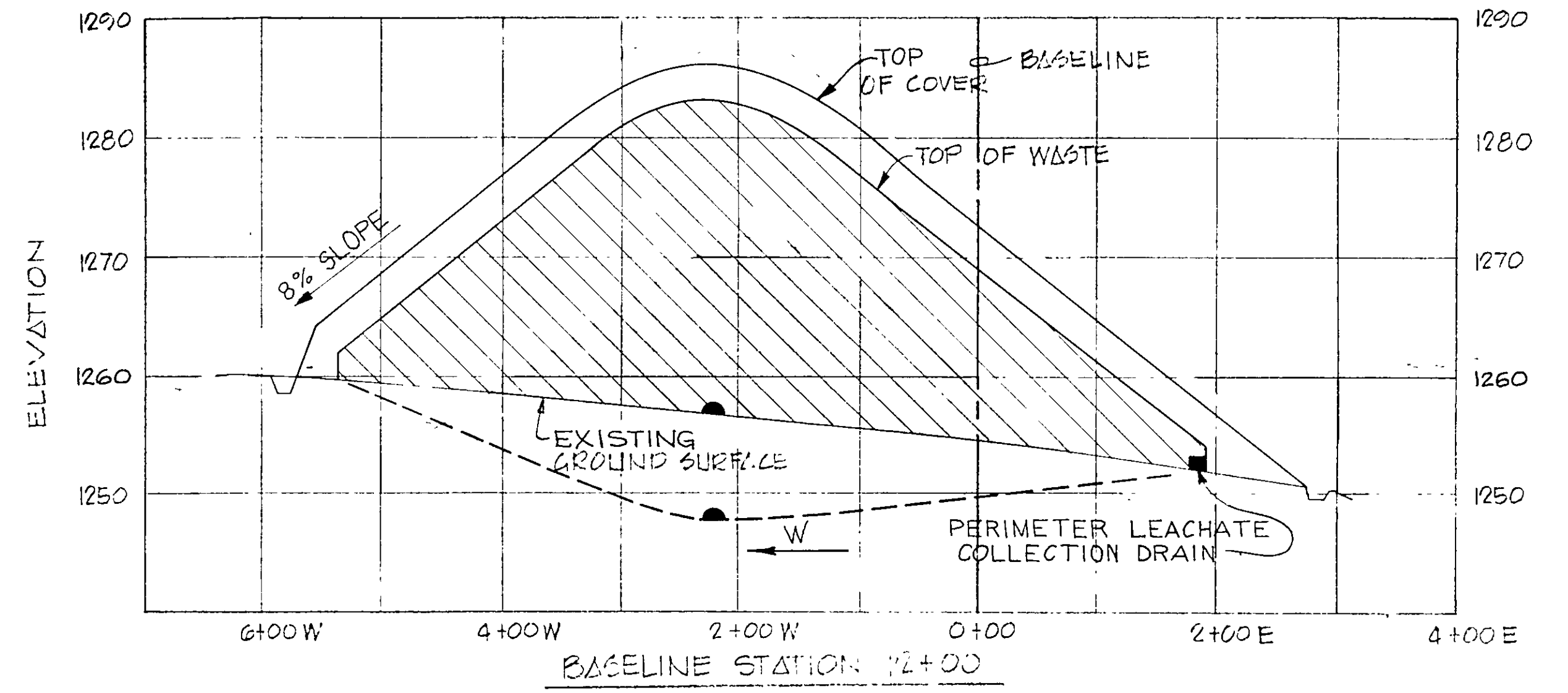
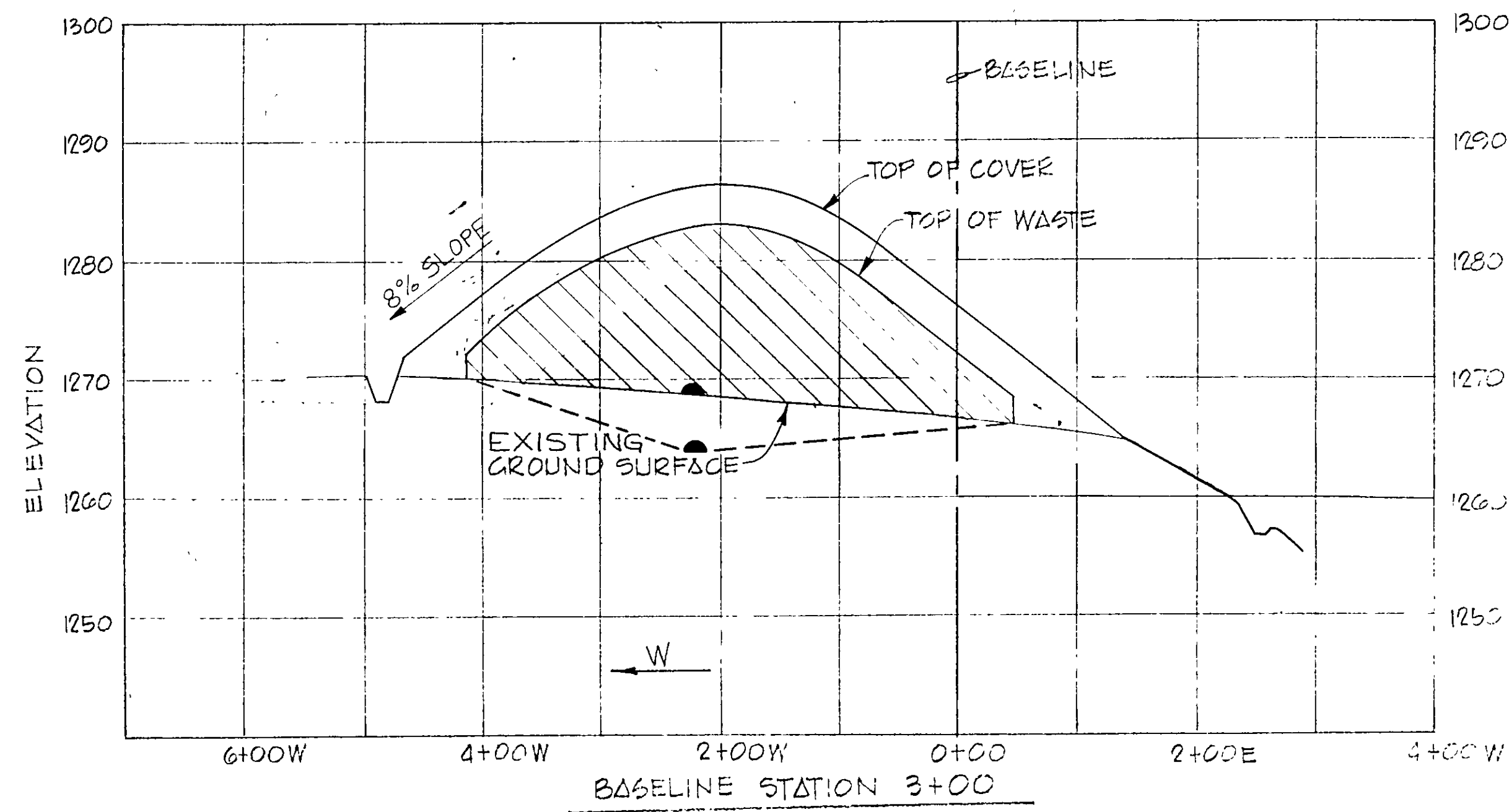
LEGEND

-1280-	PROPOSED FINAL CONTOUR
-1270-	EXISTING CONTOUR
- - -	PROPOSED DRAINAGE DITCH
- - -	EXISTING FENCE

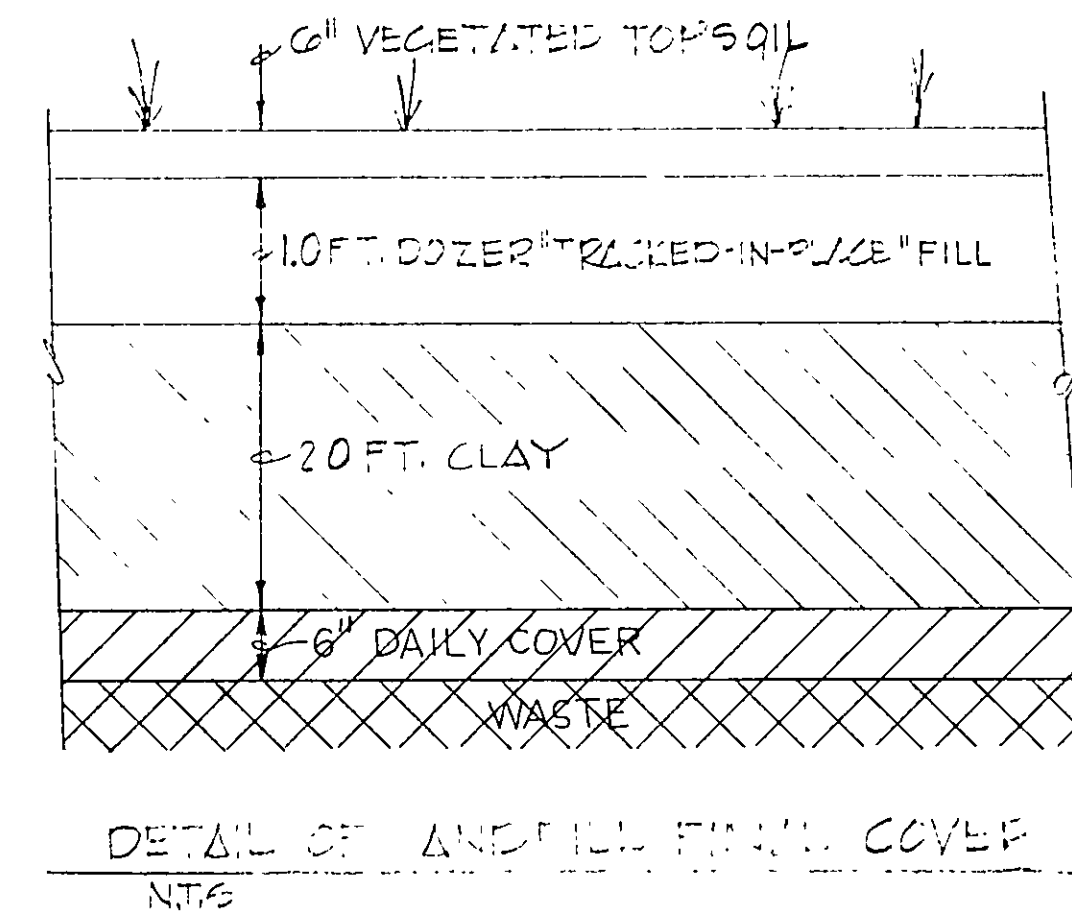
SCALE: 1"=100'



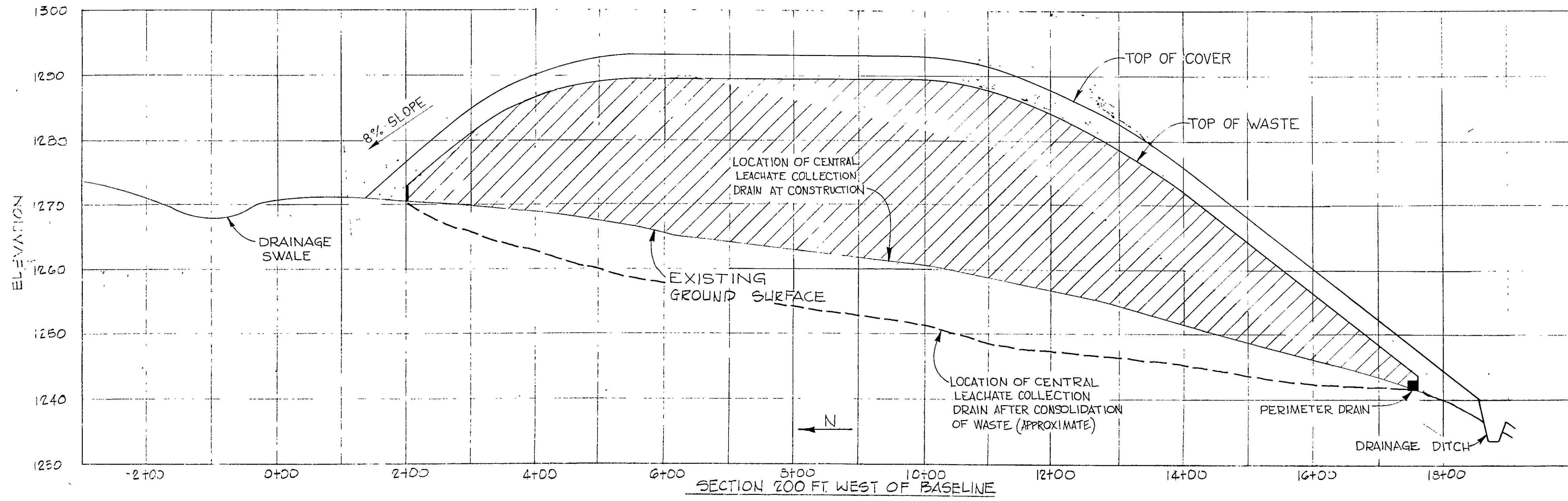
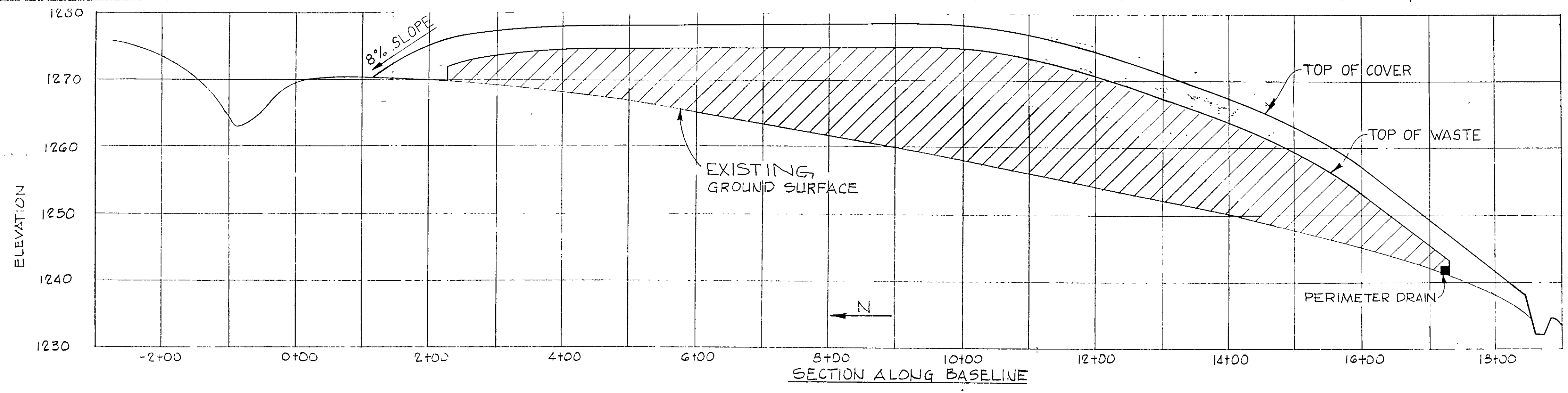
SUNRAY SERVICES, INC. SPRINGDALE ARKANSAS			
PROPOSED CLOSURE PLANS FOR LANDFILL SITE #4 NEAR TONTITOWN, ARKANSAS			
WOODWARD-CLYDE CONSULTANTS CONSULTING ENGINEERS BATON ROUGE, LOUISIANA			
SCALE: 1"=100'	MADE BY: R.S.J.	DATE: AUG. '88	FILE NO. 88B132-C
CHECKED BY: R.S.J.		DATE: 9-9-88	
PROPOSED FINAL LANDFILL CONTOURS AND DRAINAGE			FIGURE 3



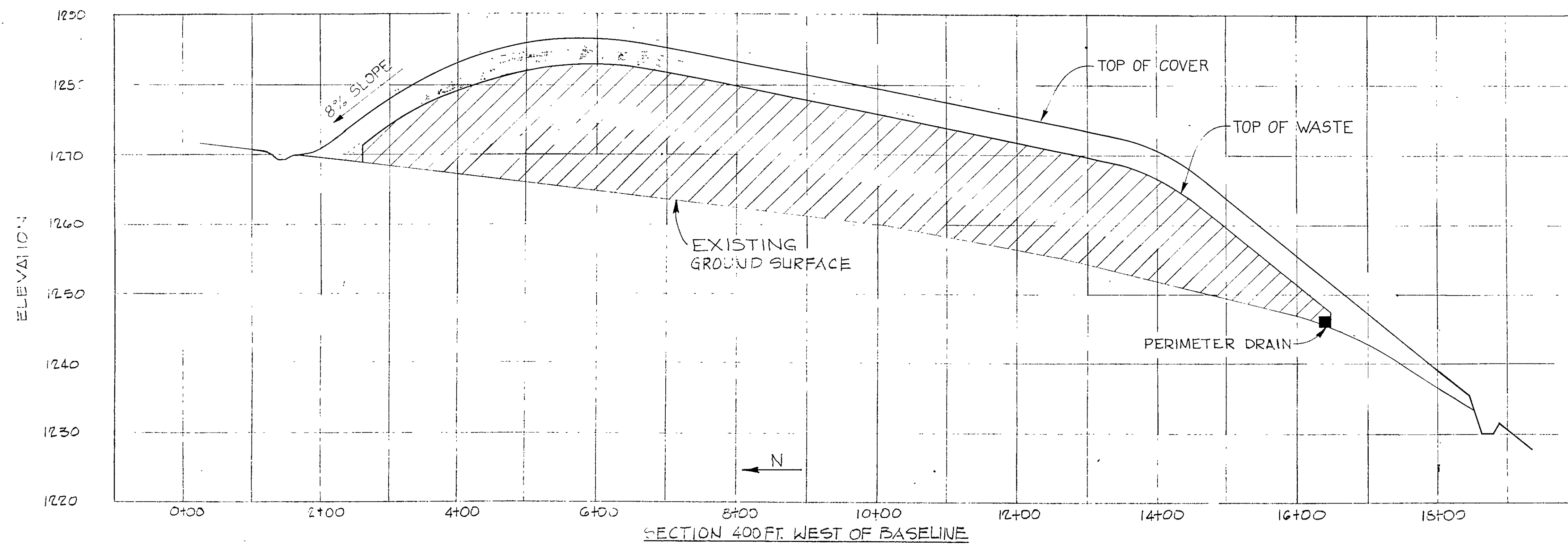
NOTE:
SEE FIGURE 3 FOR LOCATIONS
OF CROSS SECTION



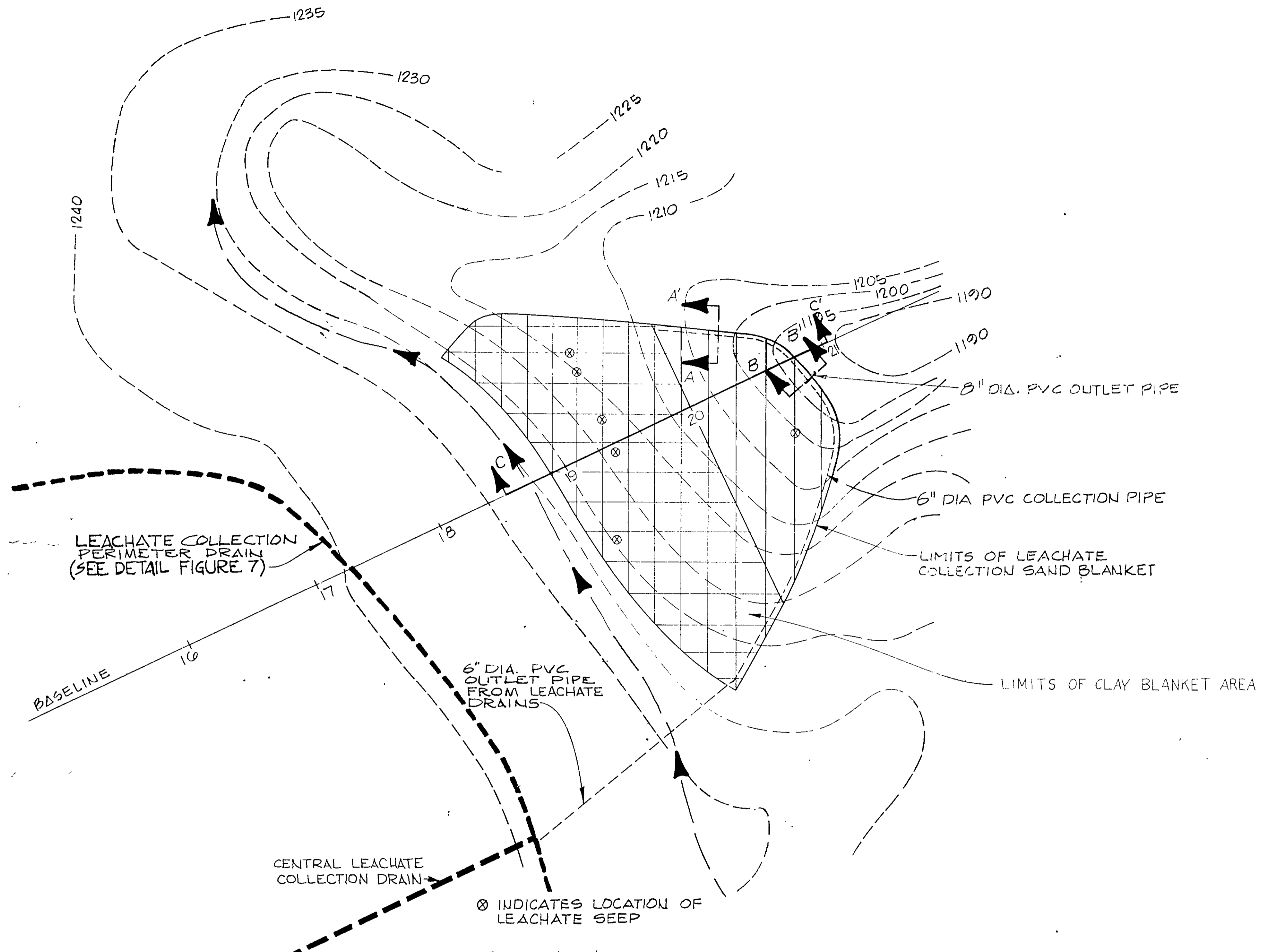
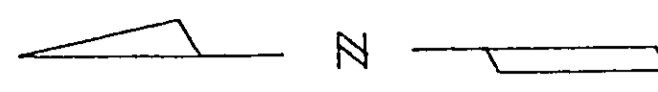
SUNRAY SERVICES, INC. SPRINGDALE ARKANSAS			
PROPOSED CLOSURE PLANS FOR LANDFILL SITE #4 NEAR TONTITOWN, ARKANSAS			
WOODWARD-CLYDE CONSULTANTS CONSULTING ENGINEERS BATON ROUGE, LOUISIANA			
SCALE: 1" = 10' V. 1" = 100' H.	MADE BY: R.S.J.	DATE: AUG. 88	FILE NO. 88B132-C
CHECKED BY: R.S.J.		DATE: 9-9-88	FIGURE 4
LANDFILL CROSS SECTIONS			



NOTE: SEE FIGURE 3 FOR LOCATIONS OF CROSS-SECTIONS



SUNRAY SERVICES, INC. SPRINGDALE ARKANSAS			
PROPOSED CLOSURE PLANS FOR LANDFILL SITE #4 NEAR TONTITOWN, ARKANSAS			
WOODWARD-CLYDE CONSULTANTS CONSULTING ENGINEERS BATON ROUGE, LOUISIANA			
SCALE: 1"=10' V. 1"=100' H.	MADE BY: R.S.J.	DATE: AUG. 88	FILE NO. 88B132-C
	CHECKED BY: R.S.J.	DATE: 9-9-88	
LANDFILL CROSS SECTIONS			FIGURE 5



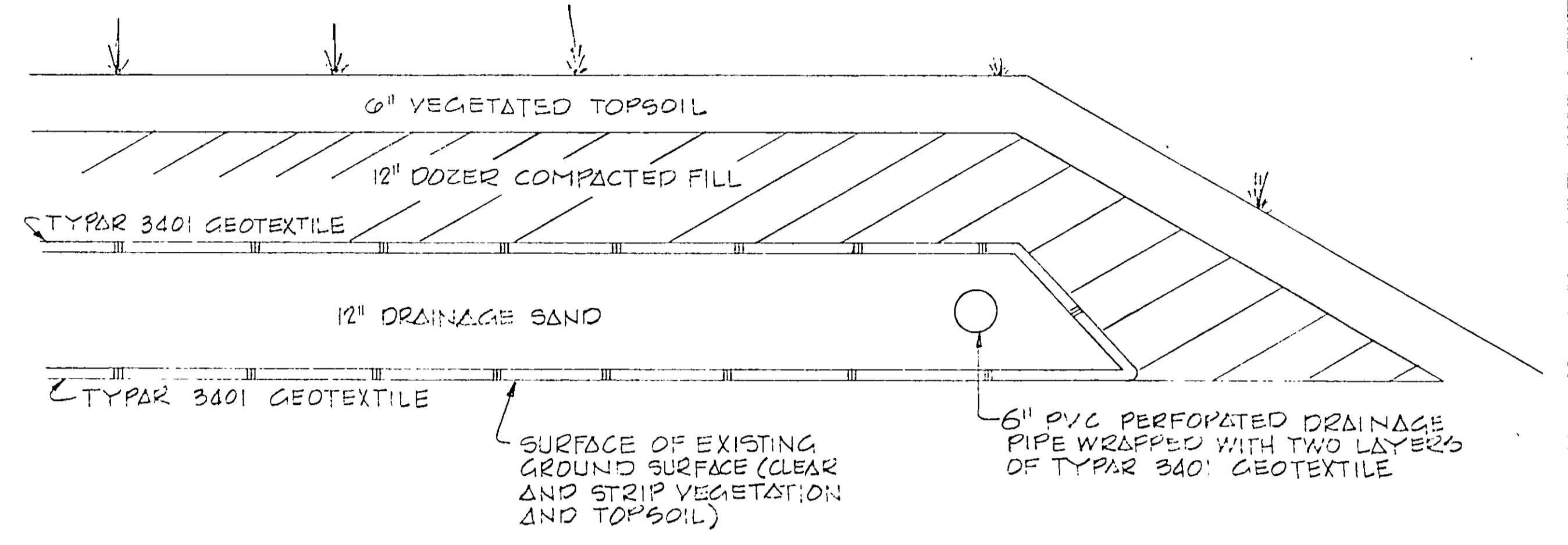
PLAN VIEW
SCALE 1"=50'

**CLAY BLANKET
CONSTRUCTION NOTES**

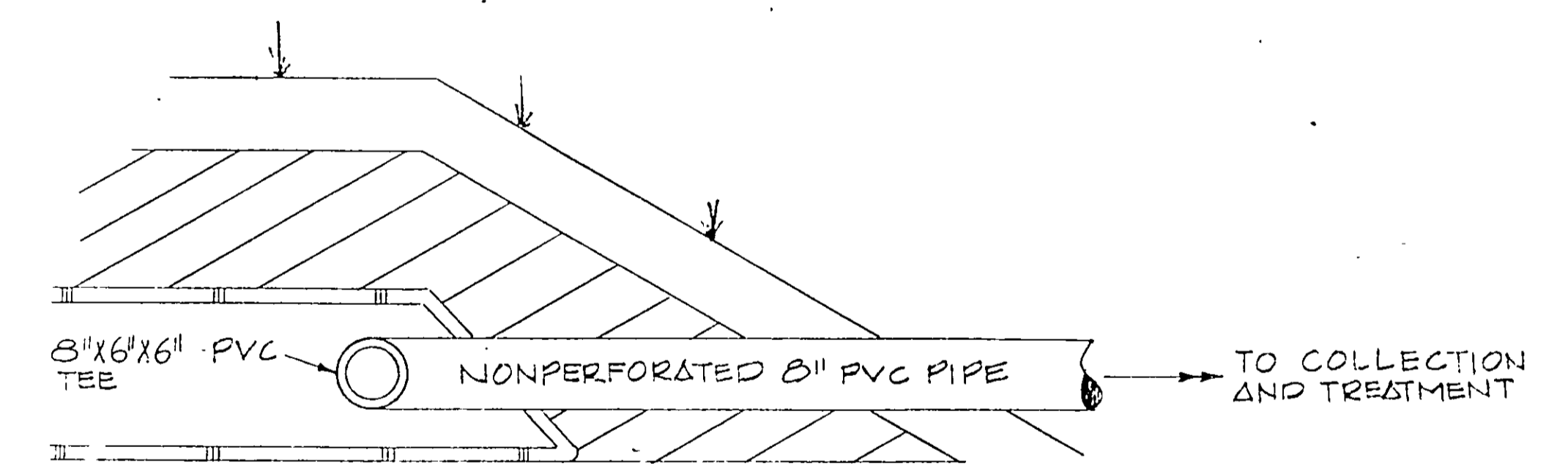
1. Clear and strip vegetation and topsoil from the area of the clay blanket. Stockpile topsoil for reuse.
2. Any seeps within the area shall be overexcavated and replaced with 5 ft. compacted clay.
3. The compacted clay layer shall be placed in maximum 9-inch loose lifts and compacted to at least 95 percent of the maximum density determined by the Standard Compaction Test (ASTM D-698). The moisture content shall be at optimum or above.
4. The clay blanket shall be monitored for the redevelopment of any seeps. If seeps reoccur extend leachate collection sand blanket to the affected area.

**LEACHATE COLLECTION SAND BLANKET
CONSTRUCTION NOTES**

1. Clear and strip vegetation and topsoil from the area of the leachate collection drainage blanket. Stockpile topsoil for reuse.
2. Install Typar 3401 geotextile over cleared ground surface. The sheets may be connected by gluing (6 inch minimum overlap between sheets) at about 3 foot intervals or by sewing.
3. Spread the drainage sand over the Typar 3401 layer using a small tracked dozer (D-6 or equivalent). The sand shall be spread such that the dozer travels only the sand. The drainage sand shall conform to the gradation specified under ASTM C-33 or as approved by the Engineer.
4. Drainage pipe shall be installed at the toe of the sand blanket. The pipe shall consist of 6 inch diameter, Schedule 40, perforated PVC pipe wrapped in two layers of Typar 3401 geotextile.
5. The drainage collection pipes shall tie into an outlet pipe consisting of 8 inch diameter, Schedule 40, non-perforated PVC pipe.
6. A second layer of Typar 3401 shall be installed over the surface of the sand. The sheets shall be overlapped at least 6 inches if glued or they may be sewn together.
7. The "dozer compacted fill" shall be spread over the Typar layer using a small tracked dozer (D-6 or equivalent). The dozer shall travel only on the fill. The fill should be placed in loose lifts of sufficient depth such that a final thickness of 12 inches is obtained after 4 passes of the dozer. Any large rocks greater than 4 to 6 inches in diameter should be removed prior to compacting with the dozer.



SECTION A-A
NTS

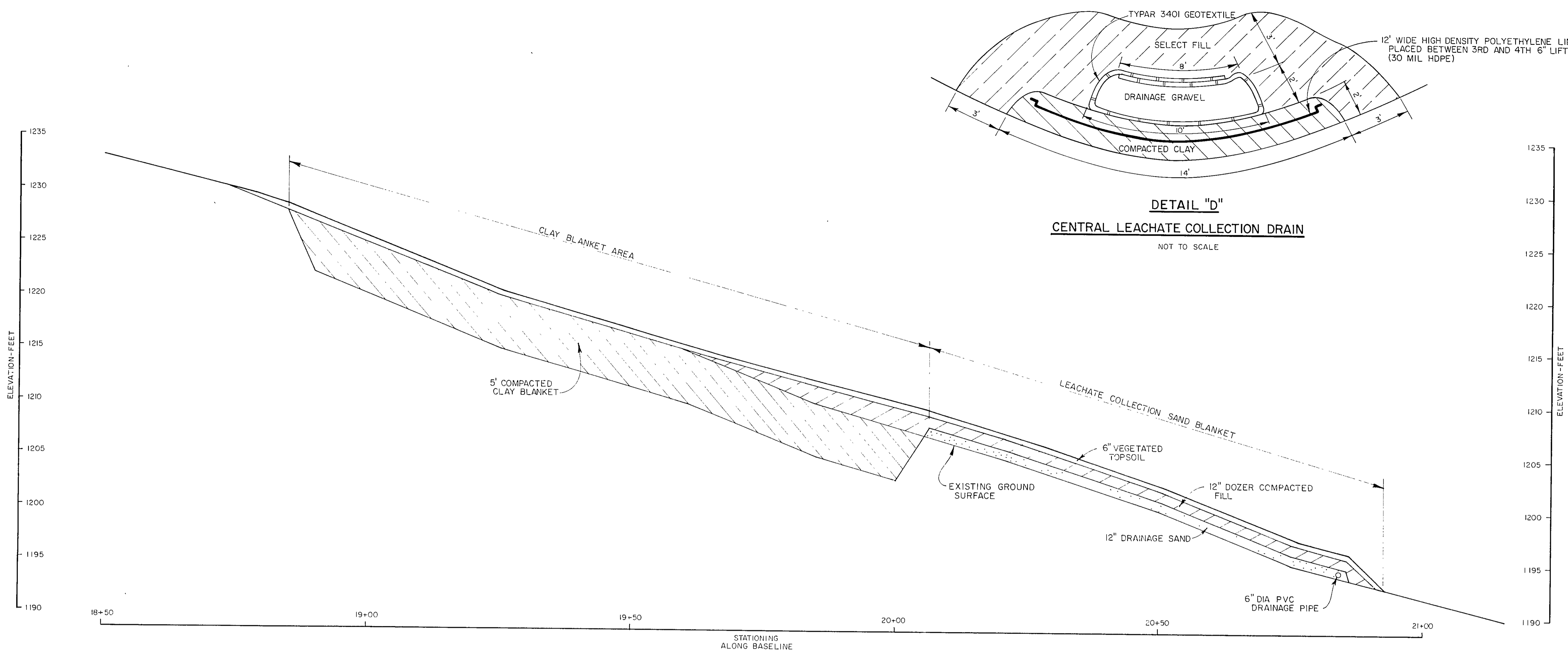


SECTION B-B
NTS

8. Topsoil shall be spread over the "dozer compacted fill" such that a uniform thickness of 6 inches is obtained.
9. Seeding of the topsoil shall be in conformance with the requirements of Section 620 - Seeding of the Arkansas Highway Commission Publication "Standard Specifications for Highway Construction". Fertilizer and lime application shall be appropriate for the topsoil and types of seed used. A mulch cover should be applied at the rate of 2000 pounds per acre after seeding.
10. The leachate collection drainage blanket should be inspected quarterly for erosion, settlement or lack of vegetation cover. Repairs should be immediately performed as required.



SUNRAY SERVICES, INC.			
SPRINGDALE		ARKANSAS	
PROPOSED CLOSURE PLANS FOR LANDFILL			
SITE # 4			
NEAR TONTITOWN, ARKANSAS			
WOODWARD-CLYDE CONSULTANTS			
CONSULTING ENGINEERS			
BATON ROUGE, LOUISIANA			
SCALE: AS SHOWN	MADE BY: CHECKED BY:	R.S.J. R.S.J.	DATE: AUG. 88 DATE: 9-9-88
		FILE NO. 88 B132-C	FIGURE 6
LEACHATE COLLECTION SYSTEM			

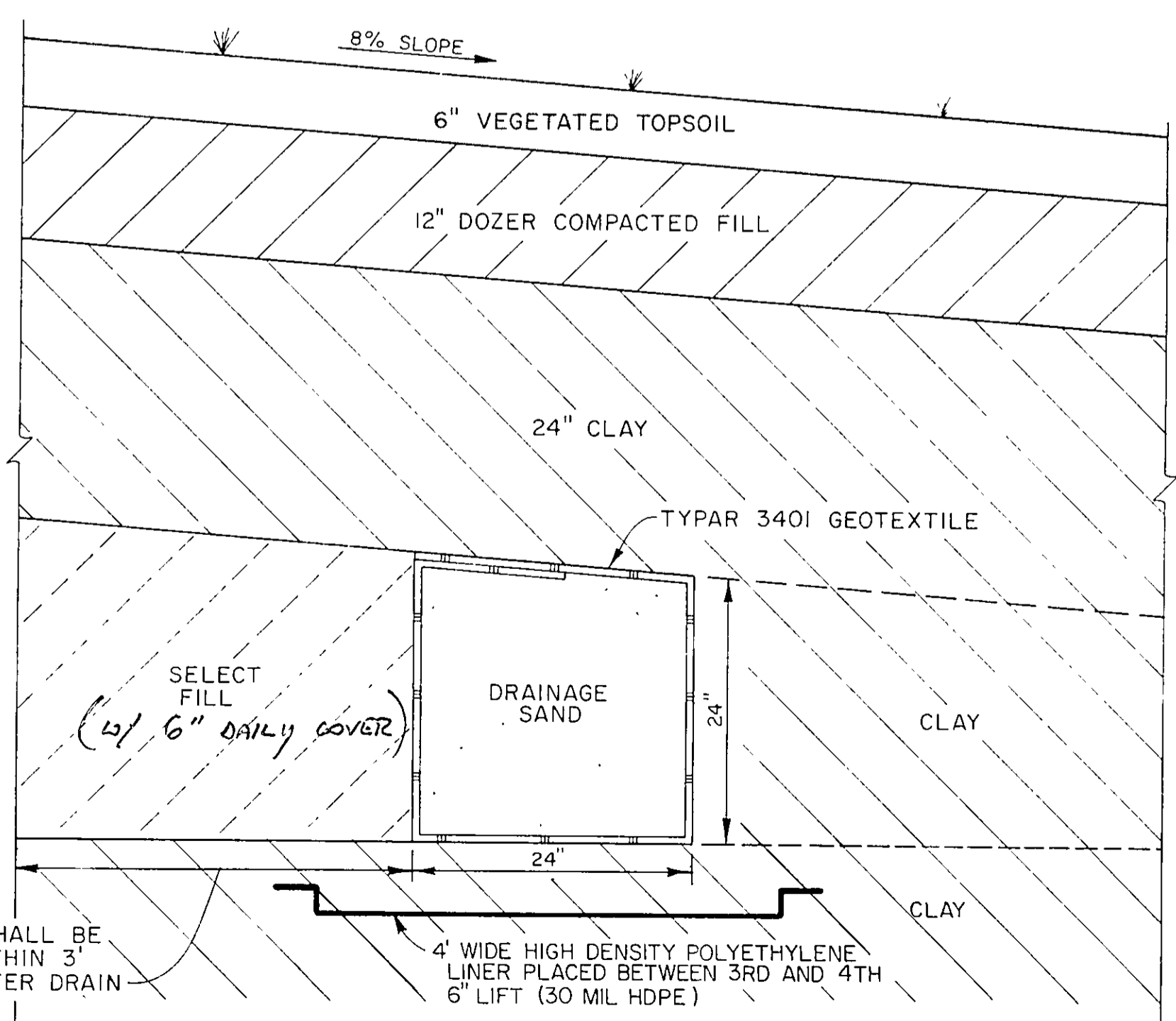


DETAIL "D"
CENTRAL LEACHATE COLLECTION DRAIN
 NOT TO SCALE

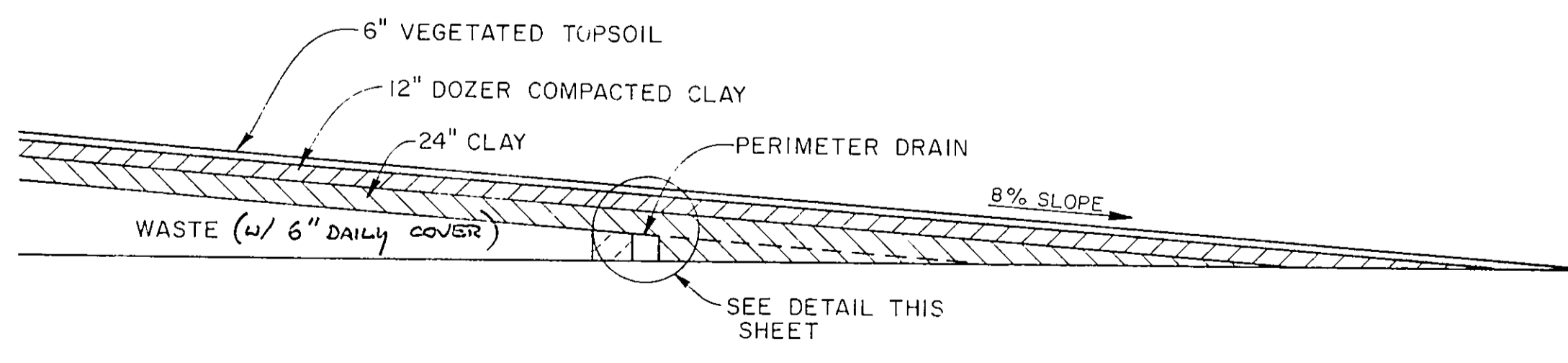
SECTION C-C'
 0 2.5 5 10
 VERTICAL SCALE IN FEET
 0 5 10 20
 HORIZONTAL SCALE IN FEET

PERIMETER LEACHATE COLLECTION DRAIN
 CONSTRUCTION NOTES

1. A leachate collection drain shall be provided around the perimeter toe of the waste as indicated on Figure 3. An outlet drain consisting of non-perforated 6 inch diameter PVC pipe shall be provided from the perimeter drain to the drainage pipe located within the sand drainage blanket (see Figure 6).
2. The leachate collection drain shall consist of drainage sand wrapped in a layer of Typar 3401 geotextile. The drainage sand shall conform to the gradation specified under ASTM C-33 or as approved by the engineer.
3. A protective layer of select fill consisting of filter sand or non-organic loosely compacted clay (as approved by the engineer) shall be installed between the waste and the drain. No waste shall be placed within 3 feet of the perimeter drain.



DETAIL OF LEACHATE COLLECTION PERIMETER DRAIN

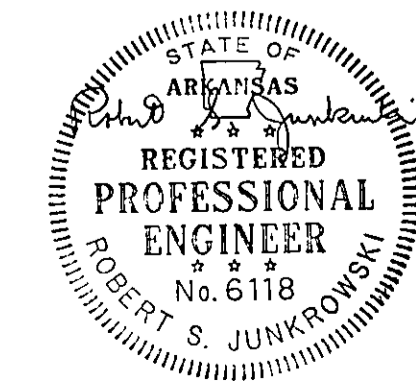


PERIMETER LEACHATE COLLECTION DRAIN

0 5 10 20
 SCALE IN FEET

NO WASTE SHALL BE PLACED WITHIN 3' OF PERIMETER DRAIN

0 0.5 1 2
 SCALE IN FEET



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CONSULTING ENGINEERS			
BATON ROUGE, LOUISIANA			
SCALE: AS SHOWN	MADE BY: CHECKED BY:	R.S.J. R.S.J.	DATE: AUG. '88 DATE: 9-9-88
			FILE NO. 88B132-C
LEACHATE COLLECTION SYSTEM			FIGURE 7
AND CLAY BLANKET			

OPERATING NOTES

1. General Site Requirements:

- 1.1 The existing power line crossing the landfill area will be relocated to the west side of the landfill.
 - 1.2 Runoff collection ditches on the east, south and west sides of the landfill area will be constructed. The existing drainage swale north of the site will be maintained.
2. Preparation of Active Waste Placement Cells:
- 2.1 The landfill area is divided into 18 cells of approximately equal volume. Each area is sized to receive about one month's waste volume and daily cover. Filling of these areas will be in a general south to north direction.
 - 2.2 Each cell area will be cleared prior to waste placement.
 - 2.3 Construct run-on diversion/runoff collection berms around the active cell. Drainage across the remainder of the site will be maintained away from the active area.

3. Daily Operations

- 3.1 Place and cover wastes daily. Daily cover will be placed over all exposed wastes to eliminate problems of windblown trash, insects, rodents, etc. A minimum of 6 inches of daily cover will be placed.
- 3.2 The top of the waste fill surface (including daily cover) will be brought to an elevation 3.5 feet below those shown on Figure 3.
- 3.3 Any leachate generated within the active filling area will be collected and properly disposed of.

4. Final Cover Construction

- 4.1 A 3.5 foot thick final cover will be placed over the waste to bring the completed landfill to the surface elevations shown on Figure 3. The cover will consist of 2 feet of compacted clay, 1 foot of dozer "tracked-in-place" fill and 0.5 foot of topsoil. A detail is shown on Figure 2-4.
- 4.2 The compacted clay layer shall be placed in maximum 9 inch loose lifts and shall be compacted to at least 95 percent of the maximum density determined by the Standard Compaction Test (ASTM D-698). The moisture content shall be at optimum or above.

- 4.3 The dozer "tracked-in-place" fill shall be placed in loose lifts of sufficient depth such that a final thickness of 12 inches is obtained after 4 passes of the dozer. The final surface elevation of the "tracked-in-place" fill shall be 0.5 foot below that shown on Figure 3.

5. Topsoil and Revegetation

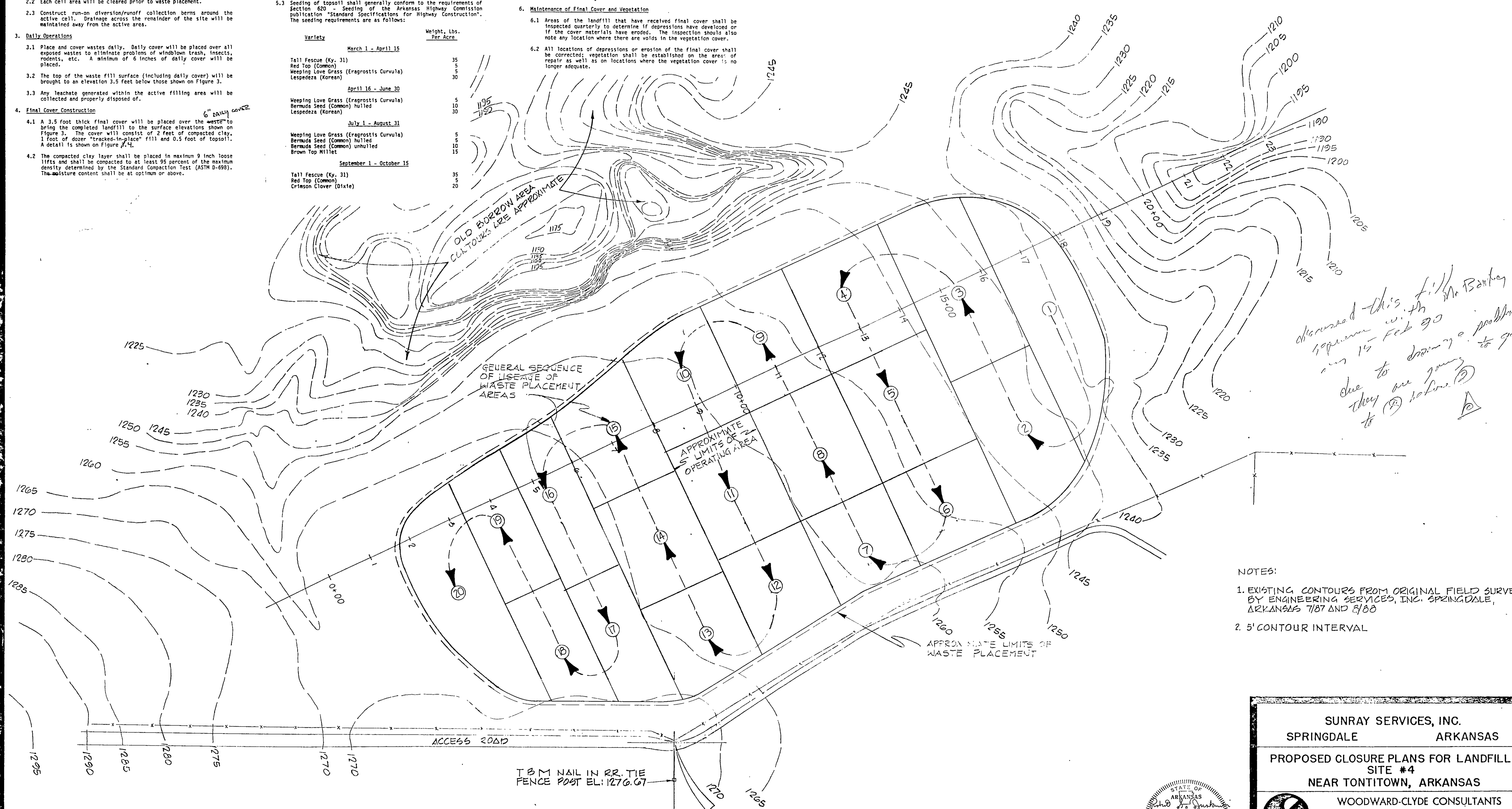
- 5.1 After completion of the "tracked-in-place" fill layer to the designated elevations, a topsoil layer of approximately 6 inches will be placed so that the final contour elevations shown on Figure 3 are obtained.
- 5.2 The topsoil layer should be evaluated for fertilizer, lime and/or other requirements prior to the establishment of vegetation.
- 5.3 Seeding of topsoil shall generally conform to the requirements of Section 620 - Seeding of the Arkansas Highway Commission publication "Standard Specifications for Highway Construction". The seeding requirements are as follows:

Variety	Weight, Lbs. Per Acre
March 1 - April 15	
Tall Fescue (Ky. 31)	35
Red Top (Common)	5
Weeping Love Grass (Eragrostis Curvula)	5
Lespedeza (Korean)	30
April 16 - June 30	
Weeping Love Grass (Eragrostis Curvula)	5
Bermuda Seed (Common) hulled	10
Lespedeza (Korean)	30
July 1 - August 31	
Weeping Love Grass (Eragrostis Curvula)	5
Bermuda Seed (Common) hulled	5
Bermuda Seed (Common) unhulled	10
Brown Top Millet	15
September 1 - October 15	
Tall Fescue (Ky. 31)	35
Red Top (Common)	5
Crimson Clover (Dixie)	20

- 5.4 Fertilizer shall be applied at the rate of 400 pounds per acre of 10-20-10 or the equivalent amount of plant food. The quantities and ratios may be varied to the extent determined under 5.2 above. Fertilizer shall be uniformly incorporated into the soil to a depth of at least 2 inches. It may be worked into the soil alone or in conjunction with the required lime. The fertilizer may be drilled into the soil or it may be combined with the seed in the hydro-seeding operation. If the fertilizer is incorporated into the hydro-seeding operation, the depth requirement will be waived.
- 5.5 Recommended lime application rates are 2 tons per acre unless soil analyses indicate otherwise.
- 5.6 A mulch cover should be applied at the rate of 2000 pounds per acre after seeding.

6. Maintenance of Final Cover and Vegetation

- 6.1 Areas of the landfill that have received final cover shall be inspected quarterly to determine if depressions have developed or if the cover materials have eroded. The inspection should also note any location where there are voids in the vegetation cover.
- 6.2 All locations of depressions or erosion of the final cover shall be corrected; vegetation shall be established on the area of repair as well as on locations where the vegetation cover is no longer adequate.

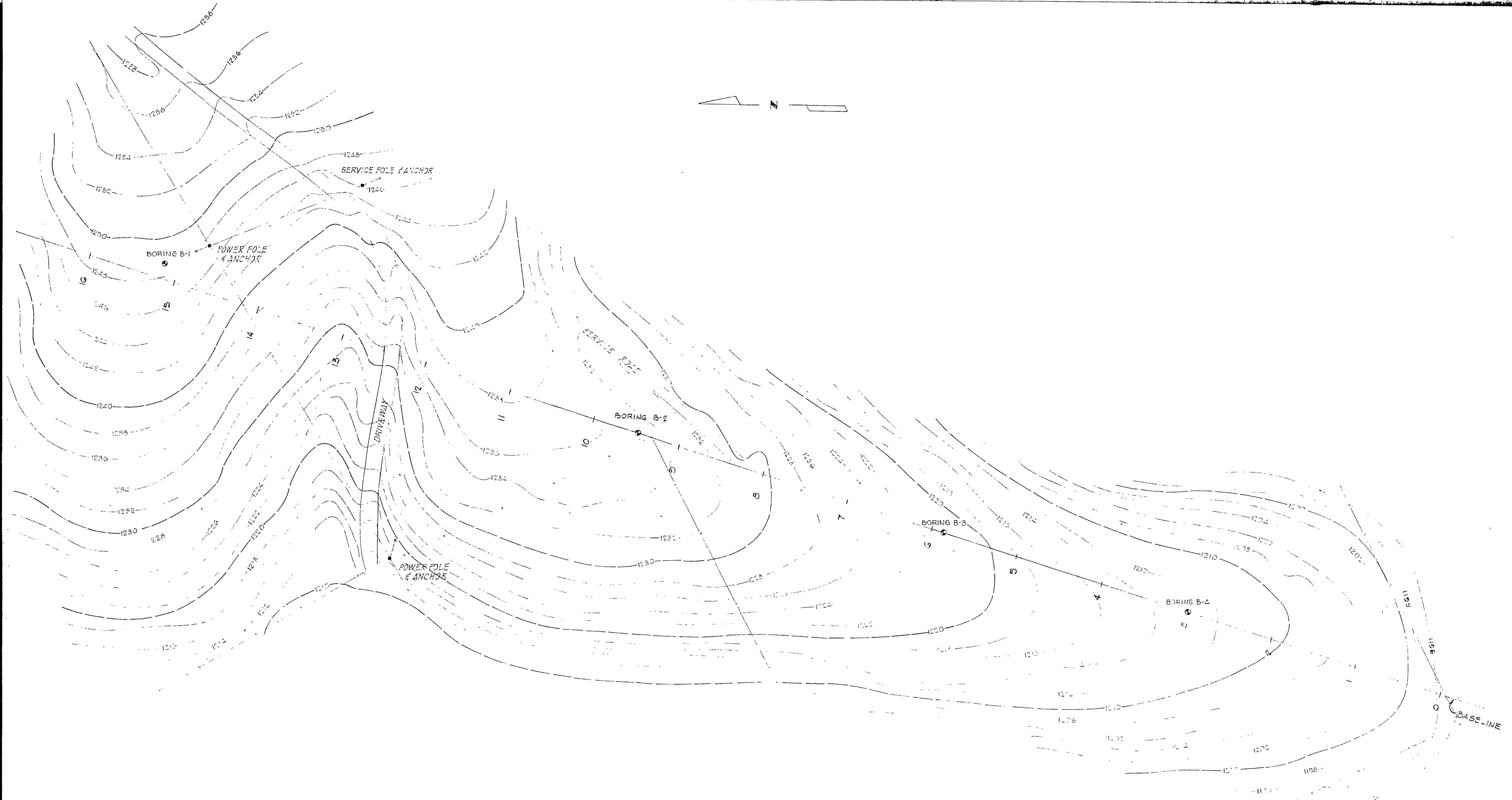


discussed this fill sequence with Mr. Bentley on 15 Feb 90 due to drainage problems they are going to go to (B) below (A)

- NOTES:
- 1. EXISTING CONTOURS FROM ORIGINAL FIELD SURVEYS BY ENGINEERING SERVICES, INC. SPRINGDALE, ARKANSAS 7/87 AND 8/88
 - 2. 5' CONTOUR INTERVAL

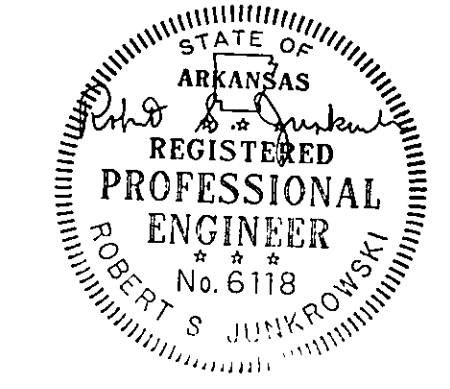


SUNRAY SERVICES, INC.			
SPRINGDALE		ARKANSAS	
PROPOSED CLOSURE PLANS FOR LANDFILL SITE #4			
NEAR TONTITOWN, ARKANSAS			
WOODWARD-CLYDE CONSULTANTS CONSULTING ENGINEERS BATON ROUGE, LOUISIANA			
SCALE: 1"=100'	MADE BY: R.S.J.	DATE: AUG. '88	FILE NO. 88B132-C
	CHECKED BY: R.S.J.	DATE: 9-9-88	
LANDFILL OPERATING PLAN			FIGURE 8

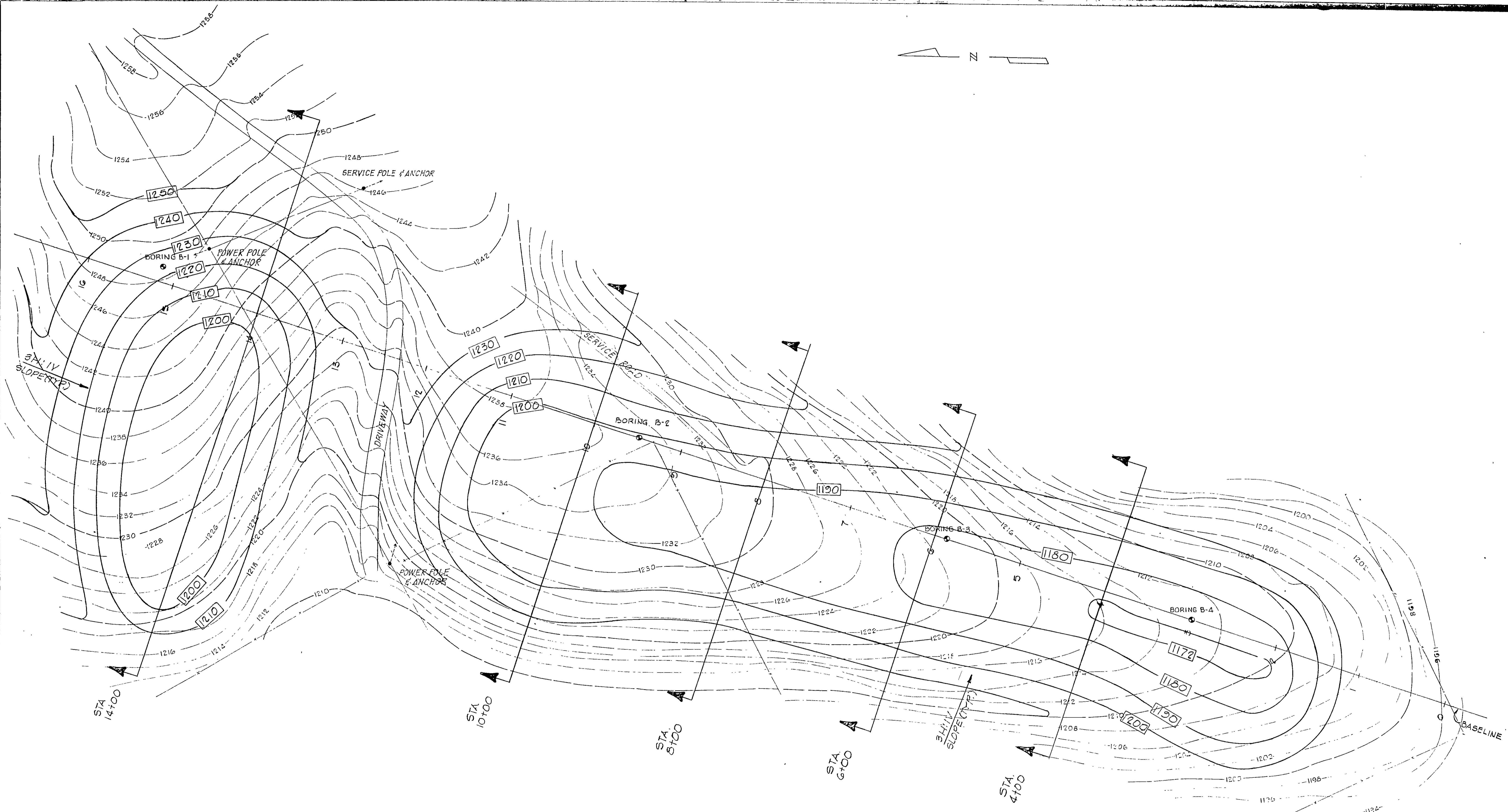


NOTE: CONTOURS ARE FROM 1985 FIELD SURVEY BY ENGINEERING SERVICES, INC., SPRINGDALE, ARK.

- LEGEND:
- SOIL BORING
 - POWER POLE
 - FENCE LINE



SUNRAY SERVICES, INC. SPRINGDALE ARKANSAS			
PROPOSED CLOSURE PLANS FOR LANDFILL SITE #4 NEAR TONTITOWN, ARKANSAS			
WOODWARD-CLYDE CONSULTANTS CONSULTING ENGINEERS BATON ROUGE, LOUISIANA			
SCALE: 1" = 50'	MADE BY: CHECKED BY:	R.S.J. R.S.J.	DATE: AUG. '88 DATE: 9-9-88
			FILE NO. 88B132-C
EXISTING BORROW AREA CONTOURS AND BORING LOCATIONS			FIGURE A-1



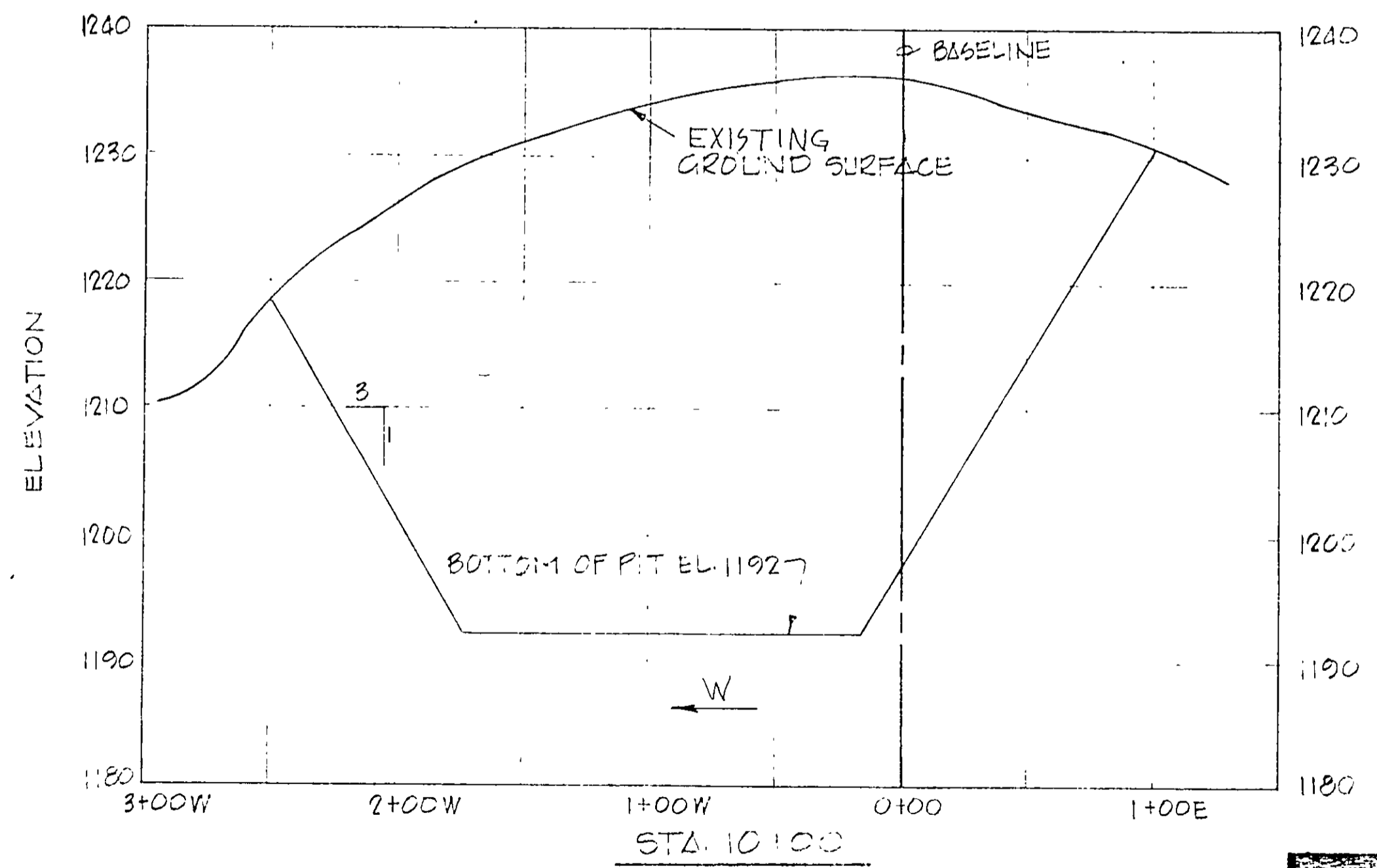
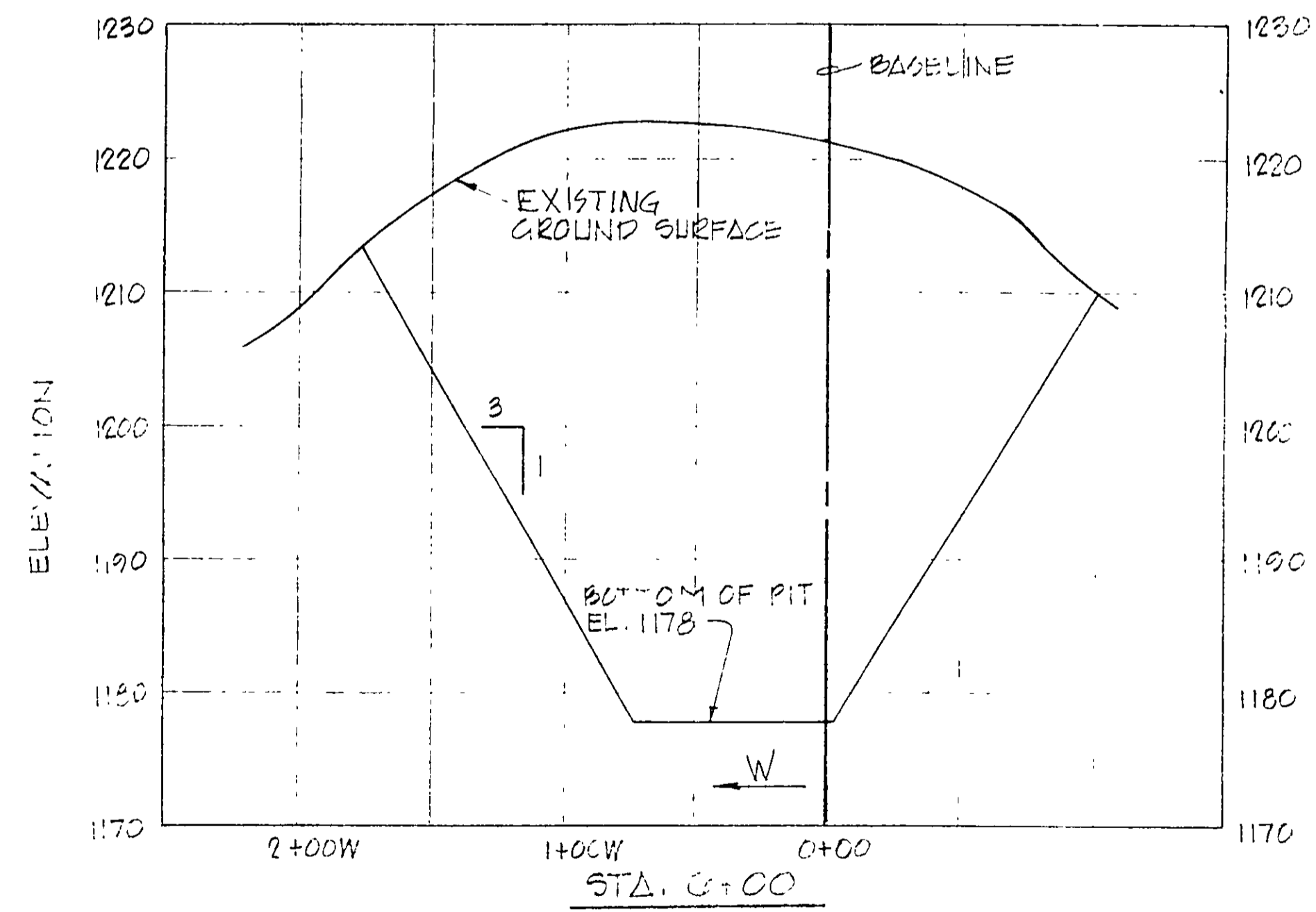
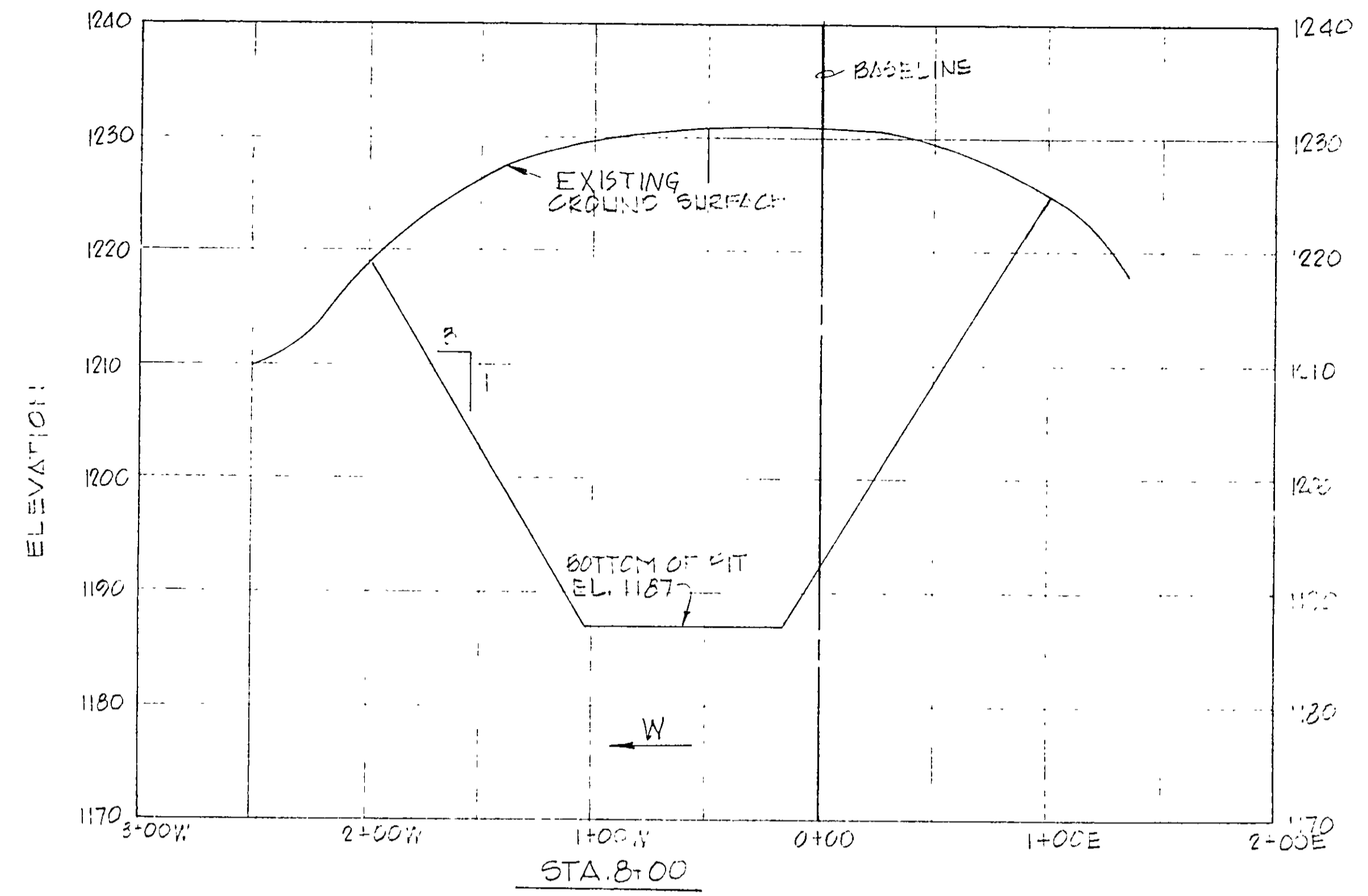
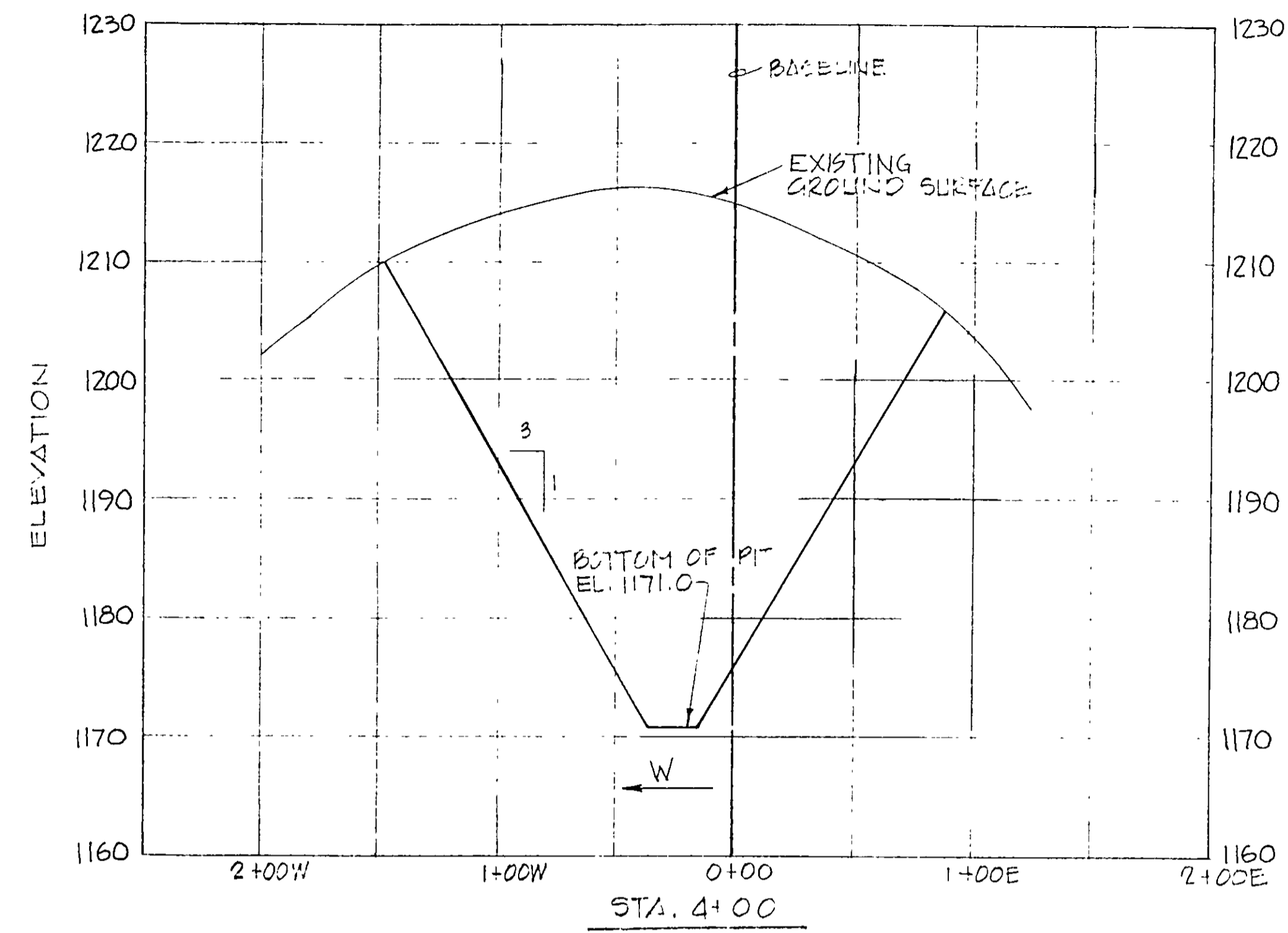
NOTE: CONTOURS ARE FROM AUG. 1988
FIELD SURVEY BY ENGINEERING
SERVICES, INC., SPRINGDALE, ARK.

LEGEND:

- SOIL BORING
- POWER POLE
- FENCE LINE
- 1230- FINAL CONTOURS
- - - 1220 - - EXISTING CONTOURS



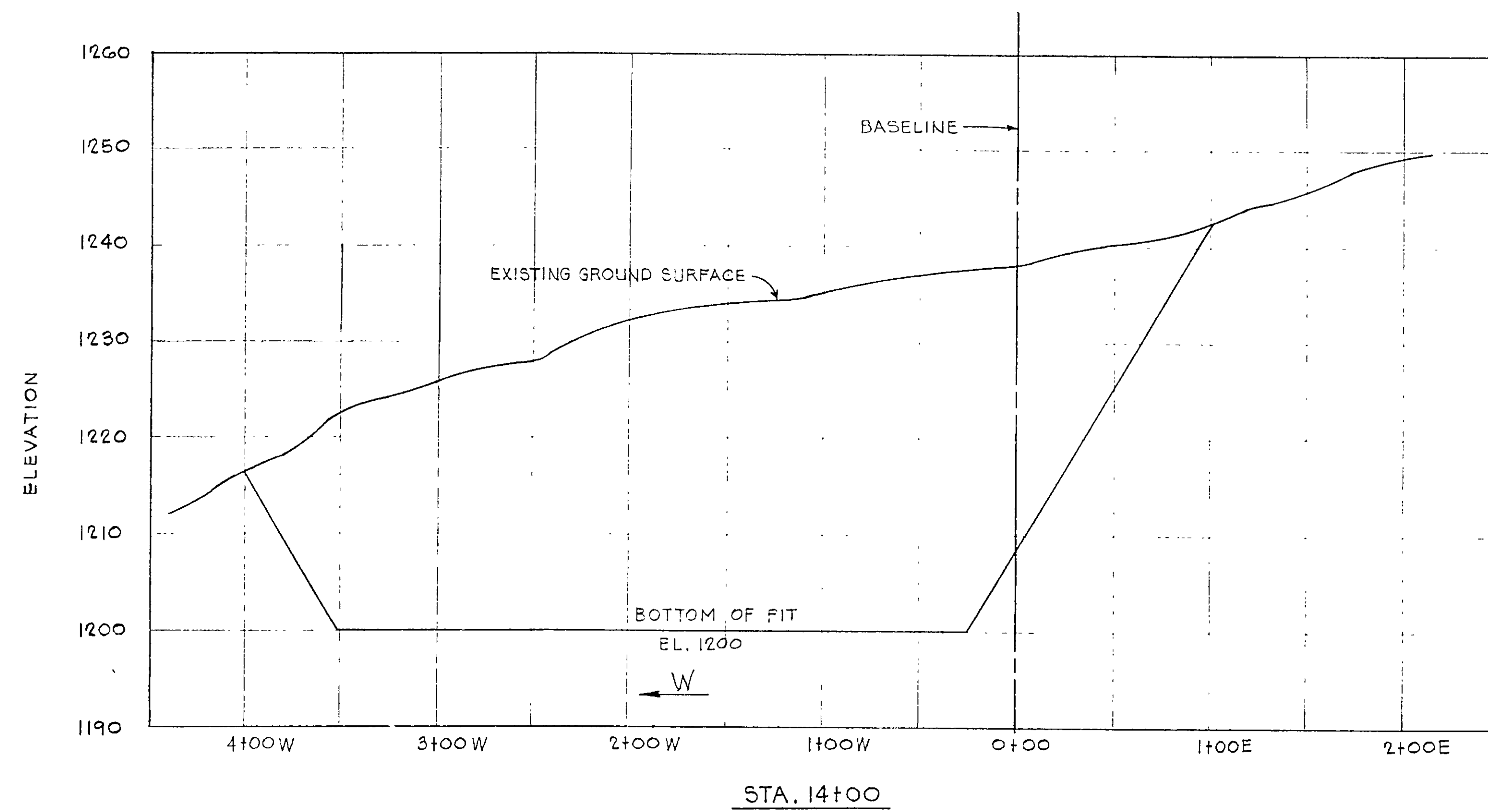
SUNRAY SERVICES, INC. SPRINGDALE ARKANSAS			
PROPOSED CLOSURE PLANS FOR LANDFILL SITE #4 NEAR TONTITOWN, ARKANSAS			
WOODWARD-CLYDE CONSULTANTS CONSULTING ENGINEERS BATON ROUGE, LOUISIANA			
SCALE: 1" = 50'	MADE BY: CHECKED BY:	R.S.J. R.S.J.	DATE: AUG. '88 DATE: 9-9-88
FINAL BORROW AREA CONTOURS			FIGURE A-2



NOTE:
SEE FIGURES A-2 FOR
LOCATIONS OF CROSS
SECTIONS



SUNRAY SERVICES, INC. SPRINGDALE ARKANSAS			
PROPOSED CLOSURE PLANS FOR LANDFILL SITE #4 NEAR TONTITOWN, ARKANSAS			
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CHECKED BY: R.S.J.		DATE: 9-9-88	FIGURE A-3
BORROW AREA CROSS SECTIONS			



NOTE: SEE FIGURE A-2 FOR LOCATIONS OF CROSS SECTIONS.



SUNRAY SERVICES, INC. SPRINGDALE ARKANSAS			
PROPOSED CLOSURE PLANS FOR LANDFILL SITE #4 NEAR TONTITOWN, ARKANSAS			
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SCALE: 1"=10' V. 1"=50' H.	MADE BY: R.S.J.	DATE: AUG. 88	FILE NO. 88B132-C
CHECKED BY: R.S.J.			DATE: 9-9-88
BORROW AREA CROSS SECTIONS			FIGURE A-4