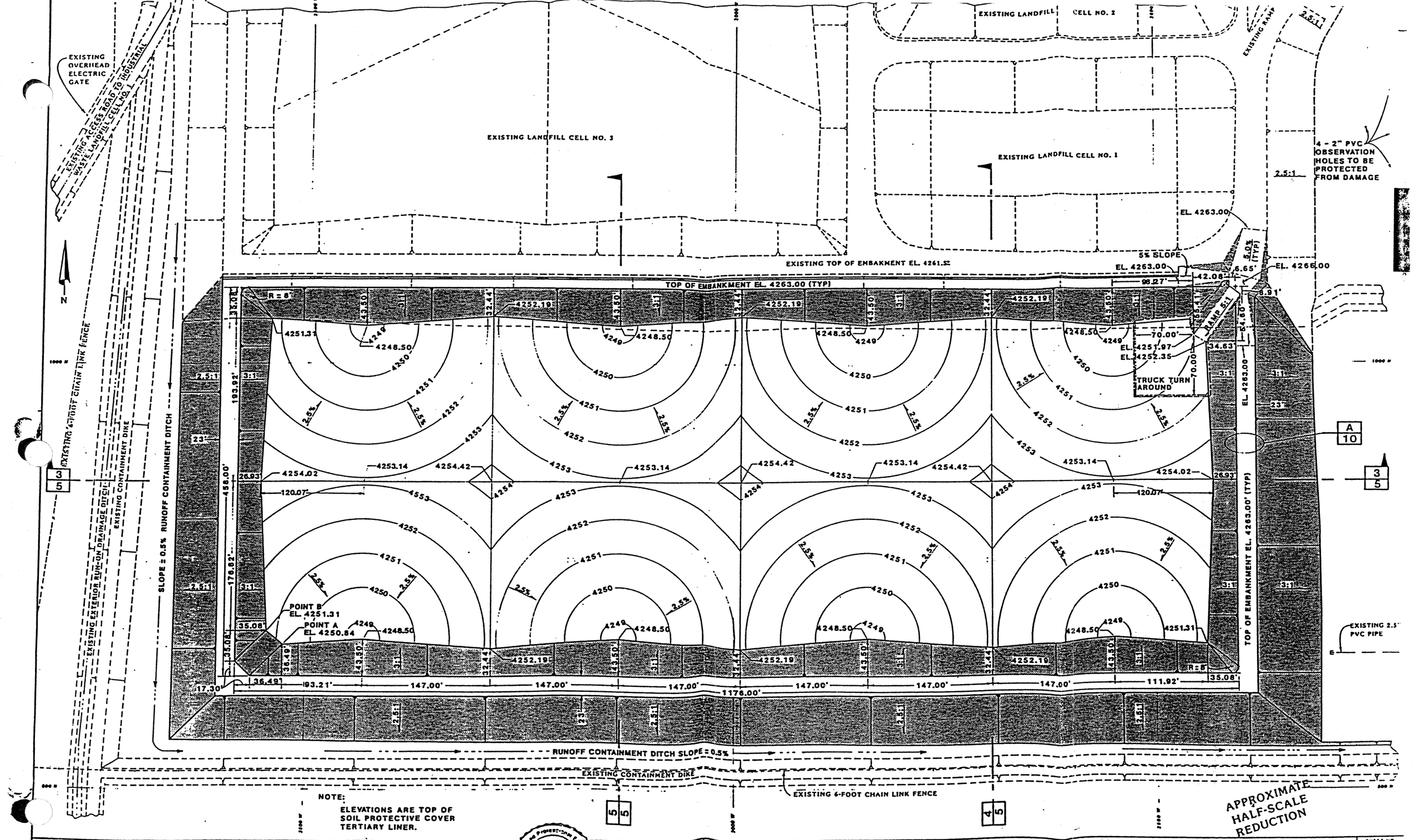
ATTACHMENT VI-1

LANDFILL DRAWINGS AND SPECIFICATIONS

ATTACHMENT VI-1

LANDFILL DRAWINGS

Cell 4	Plan View Sections
Cell 5	Plan View Sections
	Note that waste and cap elevations shown in shadow lines on the drawing are only illustrative of the shape of the waste mound and cap at closure.
Cell B/6	Plan View Sections
	Note that waste and cap elevations shown in shadow lines on the drawing are only illustrative of the shape of the waste mound and cap at closure.
Cell 7	Plan View Sections
	Note that waste and cap elevations shown in shadow lines on the drawing are only illustrative of the shape of the waste mound and cap at closure.

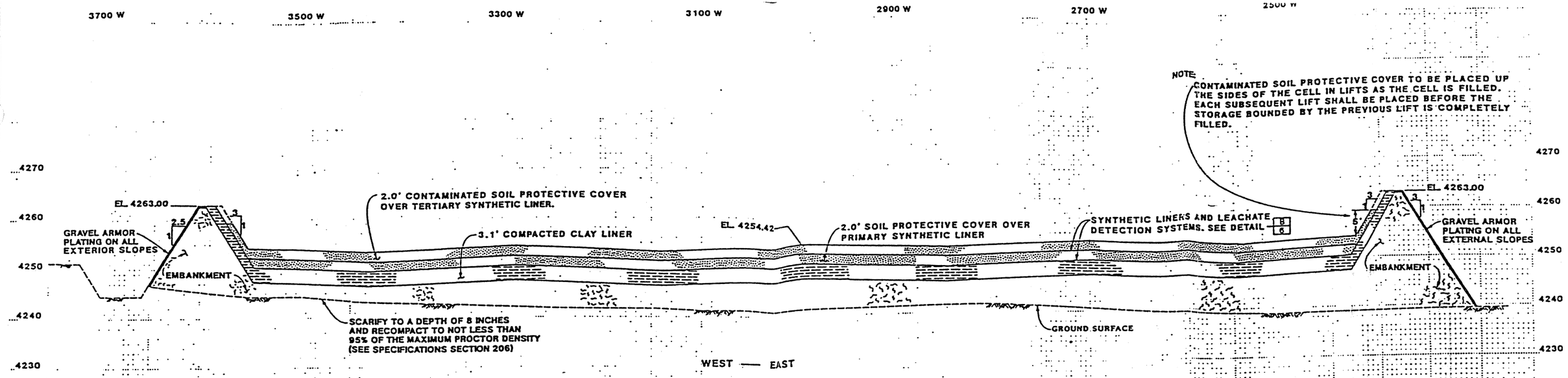


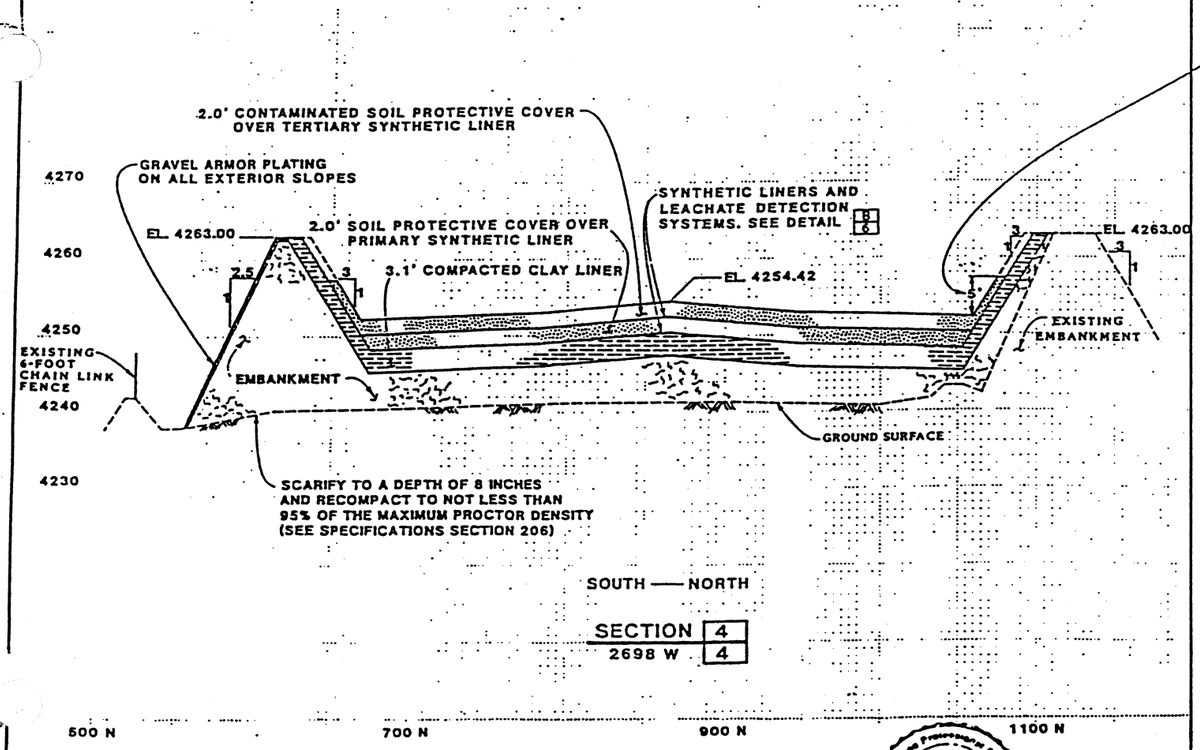
NOTE:
ELEVATIONS ARE TOP OF SOIL PROTECTIVE COVER TERTIARY LINER.

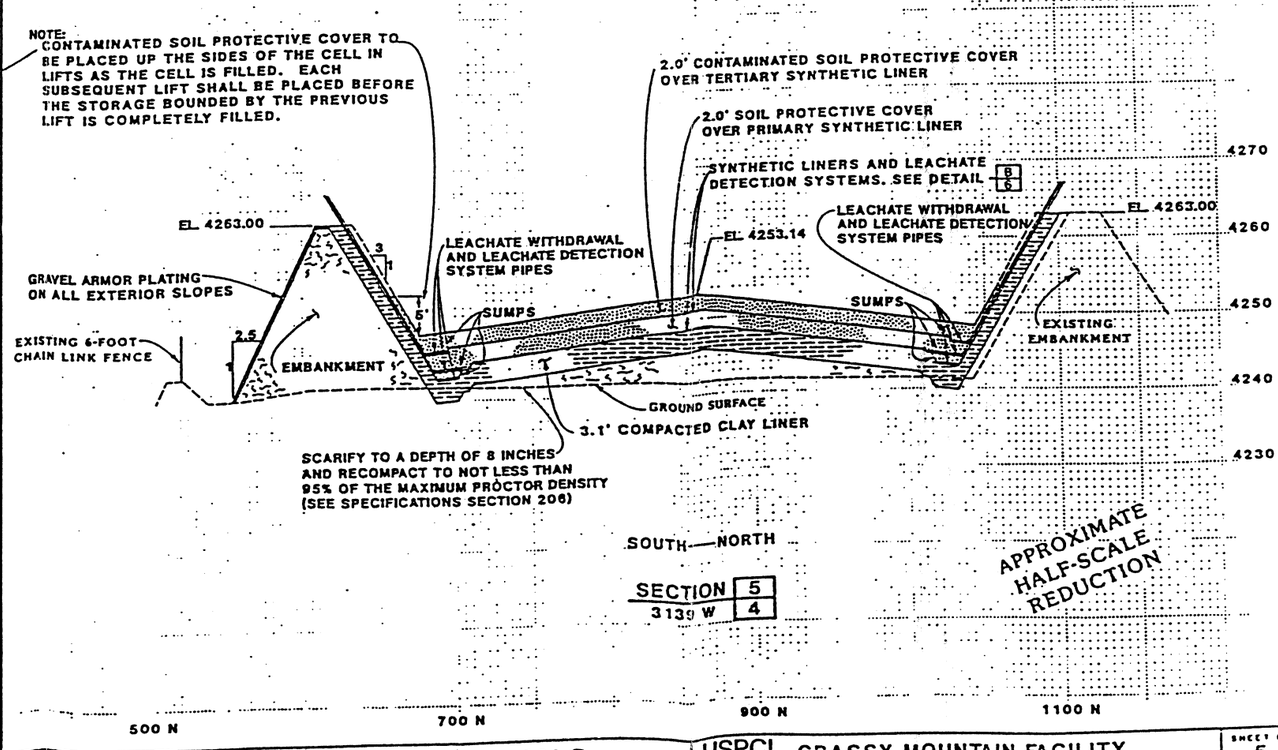
HA&L ENGINEERING	3		DESIGNED MPW	SCALE 1" = 50'	HA&L ENGINEERING, INC. CONSULTANTS / ENGINEERS SALT LAKE CITY, UTAH
	2		DRAFTED DRB		
	1		CHECKED MEA		
	NO DATE	REVISIONS	BY APVD DATE APR., 1989	PROJECT ENGINEER 6292 LICENSE NO	

USPCI GRASSY MOUNTAIN FACILITY
LANDFILL CELL NO. 4
PLAN VIEW

SHEET NO 4 OF 12







HA&L ENGINEERING

NO	DATE	REVISIONS	BY	APVD
3				
2				
1				

DESIGNED MPW
DRAFTED JVH
CHECKED MEA
DATE APR., 1989

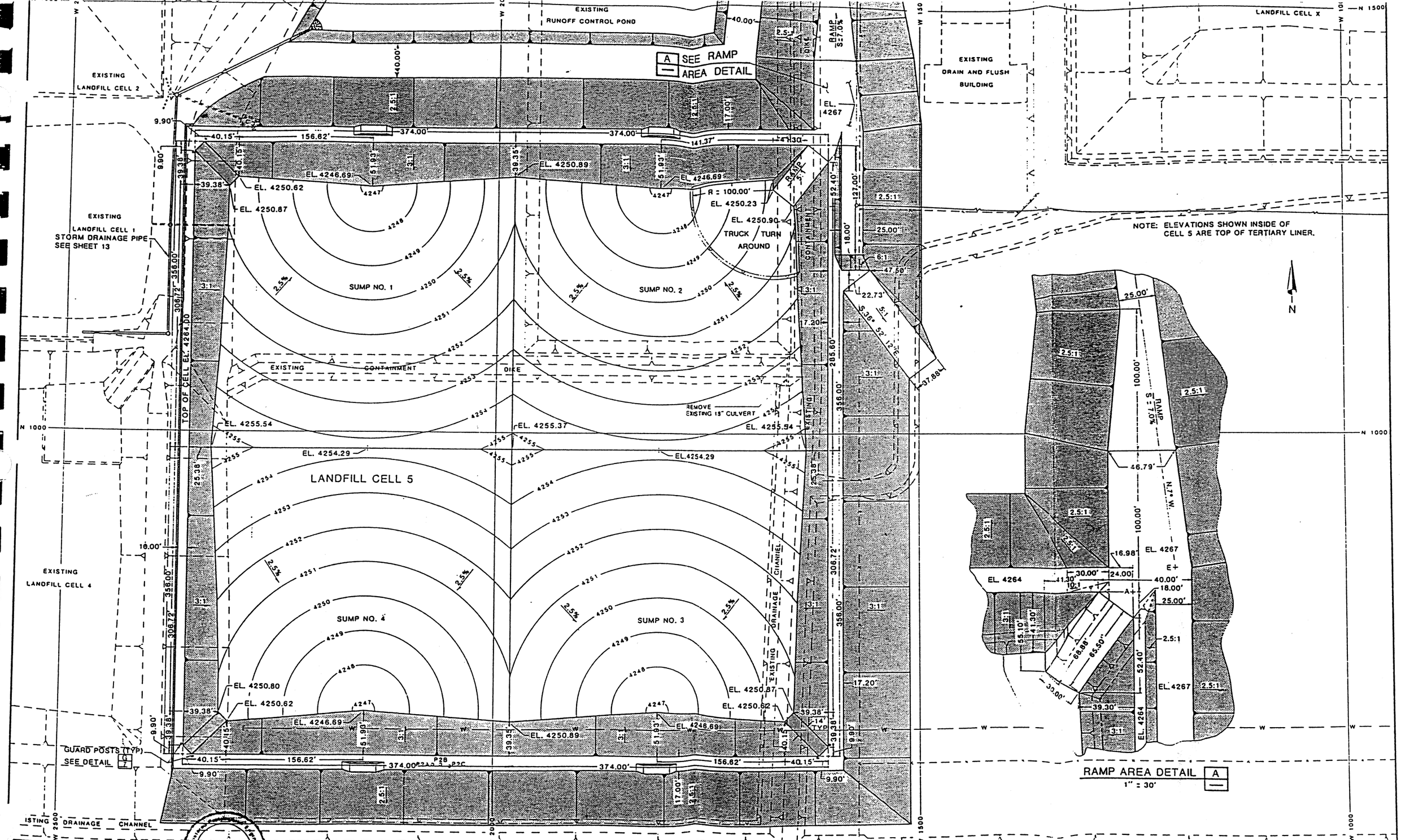
PROJECT ENGINEER — LICENSE NO 6292

SCALE 1" = 10'V 1" = 50'H

HA&L ENGINEERING, INC.
CONSULTANTS / ENGINEERS
SALT LAKE CITY, UTAH

USPCI GRASSY MOUNTAIN FACILITY
LANDFILL CELL NO. 4
SECTIONS

SHEET NO. 5 OF 12



HA&L ENGINEERING
CONSULTANTS ENGINEERS
Salt Lake City, Utah

DESIGNED	MPW	3			
DRAFTED	DRB	2			
CHECKED	MEA	1			
DATE	APRIL, 1990	NO.	DATE	REVISIONS	BY / APVD.

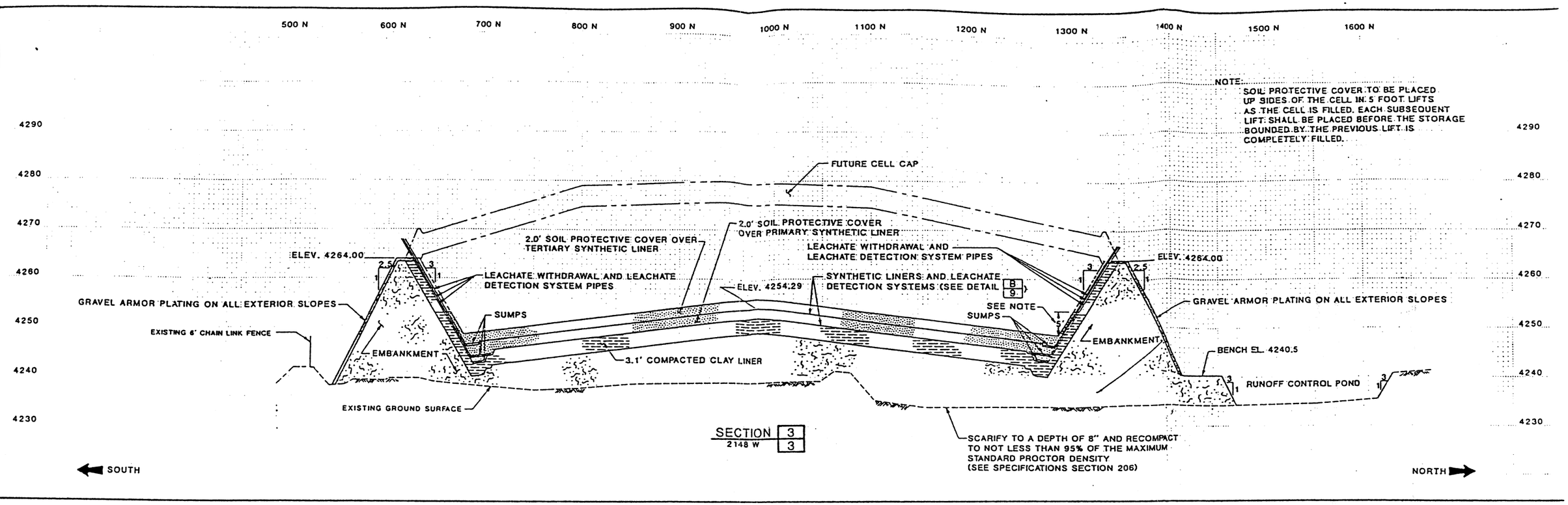
SCALE 1" = 50'

VERIFY SCALE 0" 1" BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

U.S. POLLUTION CONTROL, INC.

GRASSY MOUNTAIN FACILITY
LANDFILL CELL 5
PLAN VIEW

SHEET NO. 4 OF 16
64-23-100
64.23.100.004



HA&L ENGINEERING
CONSULTANTS
ENGINEERS
Salt Lake City, Utah

DESIGNED	MPW	3			
DRAFTED	JVH	2			
CHECKED	MEA	1			
DATE	APRIL, 1990	NO.	DATE	REVISIONS	BY / APVD.

SCALE
1" = 10' V
1" = 50' H

VERIFY SCALE
0" 1"
BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

U.S. POLLUTION CONTROL, INC.

GRASSY MOUNTAIN FACILITY
LANDFILL CELL NO. 5
SECTIONS

SHEET NO. 5 OF 16
64-23-100

LANDFILL CELL X
(CLOSED)

LANDFILL CELL Z

N

NOTES:
1. ELEVATIONS SHOWN INSIDE OF CELL 6 ARE TOP OF TERTIARY LINER.
2. PROPOSED MONITORING WELL LOCATIONS ARE APPROXIMATE. PROPOSED MONITORING WELLS TO BE LOCATED IN THE FIELD BY USPCI
3. BACKFILL EXISTING STORMWATER CONVEYANCE DITCH AND EXCAVATE AS SHOWN.

SEE RAMP AREA DETAIL A 18

RAMP S=7.0%

EXISTING 6' CHAIN LINK FENCE

ACCESS ROAD

2-18" DIA CULVERTS

BURIED CABLE

PROPOSED MW 60

PROPOSED MW 59

PROPOSED MW 58

PROPOSED MW 57

GUARD POSTS TYP. SEE DETAIL B 10

EAST STORM WATER CONVEYANCE DITCH

2-18" DIA. CULVERTS

SUMP AREA 1

SUMP AREA 2

SUMP AREA 3

SUMP AREA 4

SUMP AREA 8

SUMP AREA 7

SUMP AREA 6

SUMP AREA 5

TRUCK TURN AROUND

TOP OF EMBANKMENT EL 4269.00

EXISTING 2-18" DIA. CULVERTS

SEE NOTE 3

EXISTING GUARD HOUSE TO BE MOVED BY OTHERS

PROPOSED MW 53

PROPOSED MW 54

EXISTING CHAIN LINK FENCE

PROPOSED MW 55

SOUTH STORMWATER CONVEYANCE DITCH

PROPOSED MW 56

24" DIA. ADS CULVERT

2-18" DIA. CULVERTS

HA&L ENGINEERING CONSULTANTS ENGINEERS Salt Lake City Utah

DESIGNED MPW
DRAFTED DRB
CHECKED MEA
DATE DEC. 1991

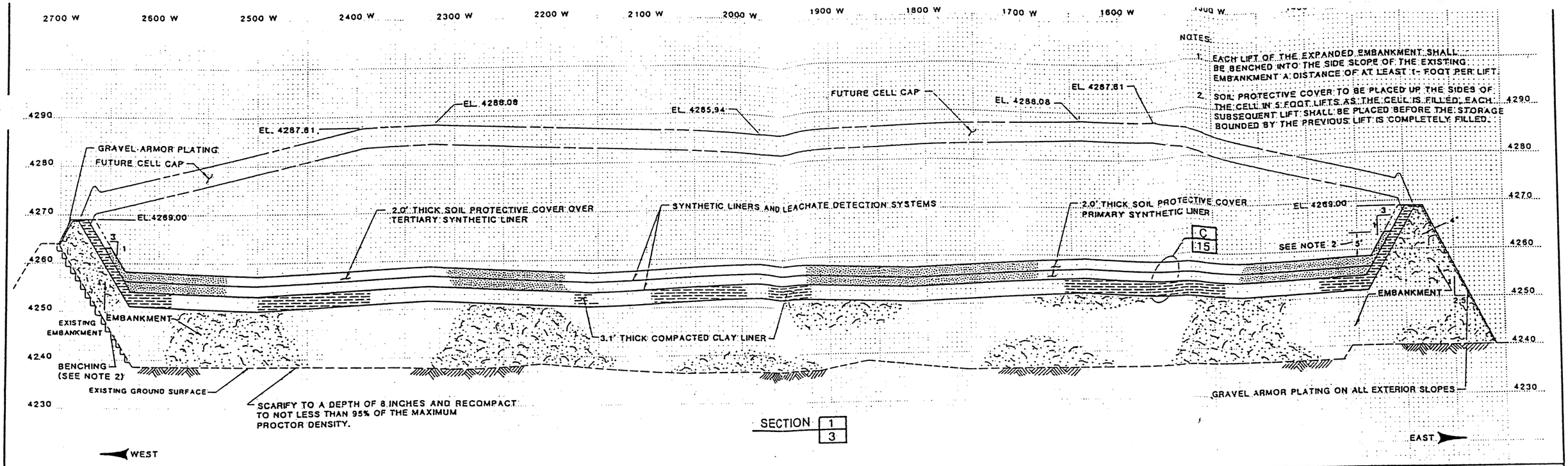
REVISIONS

SCALE 1" = 50'

USPCI
A Subsidiary Union Pacific Corporation

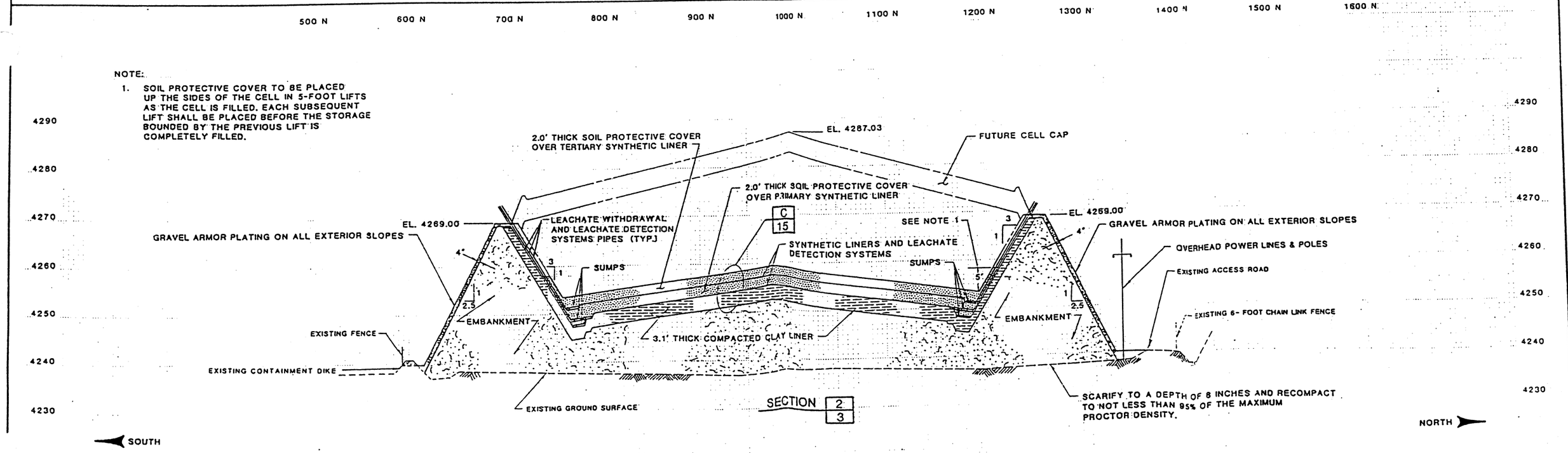
GRASSY MOUNTIAN FACILITY
LANDFILL CELL 6
PLAN VIEW

SHEET NO. 4 OF 19
64-26-100



NOTES:

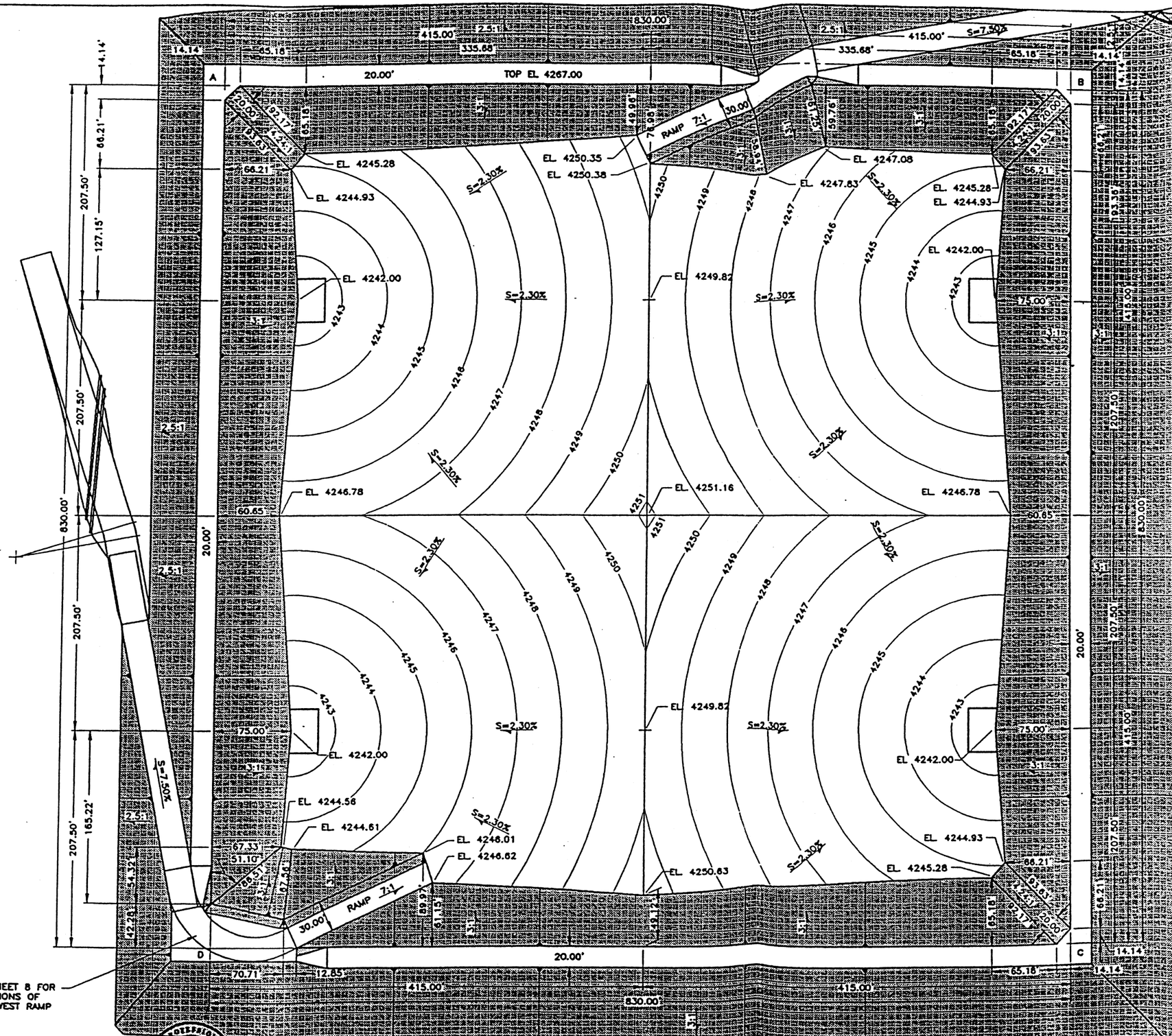
1. EACH LIFT OF THE EXPANDED EMBANKMENT SHALL BE BENCHED INTO THE SIDE SLOPE OF THE EXISTING EMBANKMENT A DISTANCE OF AT LEAST 1- FOOT PER LIFT.
2. SOIL PROTECTIVE COVER TO BE PLACED UP THE SIDES OF THE CELL IN 5 FOOT LIFTS AS THE CELL IS FILLED. EACH SUBSEQUENT LIFT SHALL BE PLACED BEFORE THE STORAGE BOUNDED BY THE PREVIOUS LIFT IS COMPLETELY FILLED.



NOTE:

1. SOIL PROTECTIVE COVER TO BE PLACED UP THE SIDES OF THE CELL IN 5-FOOT LIFTS AS THE CELL IS FILLED. EACH SUBSEQUENT LIFT SHALL BE PLACED BEFORE THE STORAGE BOUNDED BY THE PREVIOUS LIFT IS COMPLETELY FILLED.

HA&L ENGINEERING CONSULTANTS ENGINEERS Salt Lake City, Utah	DESIGNED MPW	3				SCALE 1" = 10' V 1" = 50' H	VERIFY SCALE 0" 1" BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	USPCI A Subsidiary of Union Pacific Corporation	GRASSY MOUNTAIN FACILITY LANDFILL CELL 6 SECTIONS
	DRAFTED B.M.	2							SHEET NO. 5 OF 19
	CHECKED MEA	1							64-26-100
	DATE DEC. 1991	NO.	DATE	REVISIONS	BY	APVD.			64.26.100.005



SEE SHEET 7 FOR DIMENSIONS FOR NORTHEAST RAMP

SEE SHEET 8 FOR DIMENSIONS OF SOUTHWEST RAMP

COORDINATE TABLE

POINT NO.	NORTHING	EASTING	ELEV.
A	N. 390.00	W. 3680.00	4267.00
B	N. 390.00	W. 2850.00	4267.00
C	S. 440.00	W. 2850.00	4267.00
D	S. 440.00	W. 3680.00	4267.00

N

NOTE:
ELEVATONS SHOWN INSIDE OF CELL ARE TOP OF TERTIARY LINER.

HA&L ENGINEERING
CONSULTANTS ENGINEERS
Salt Lake City Utah

PROJECT ENGINEER

DESIGNED	MPW	3		
DRAFTED	MPW	2		
CHECKED	MEA	1		
DATE	DEC. 1995	NO.	DATE	REVISIONS

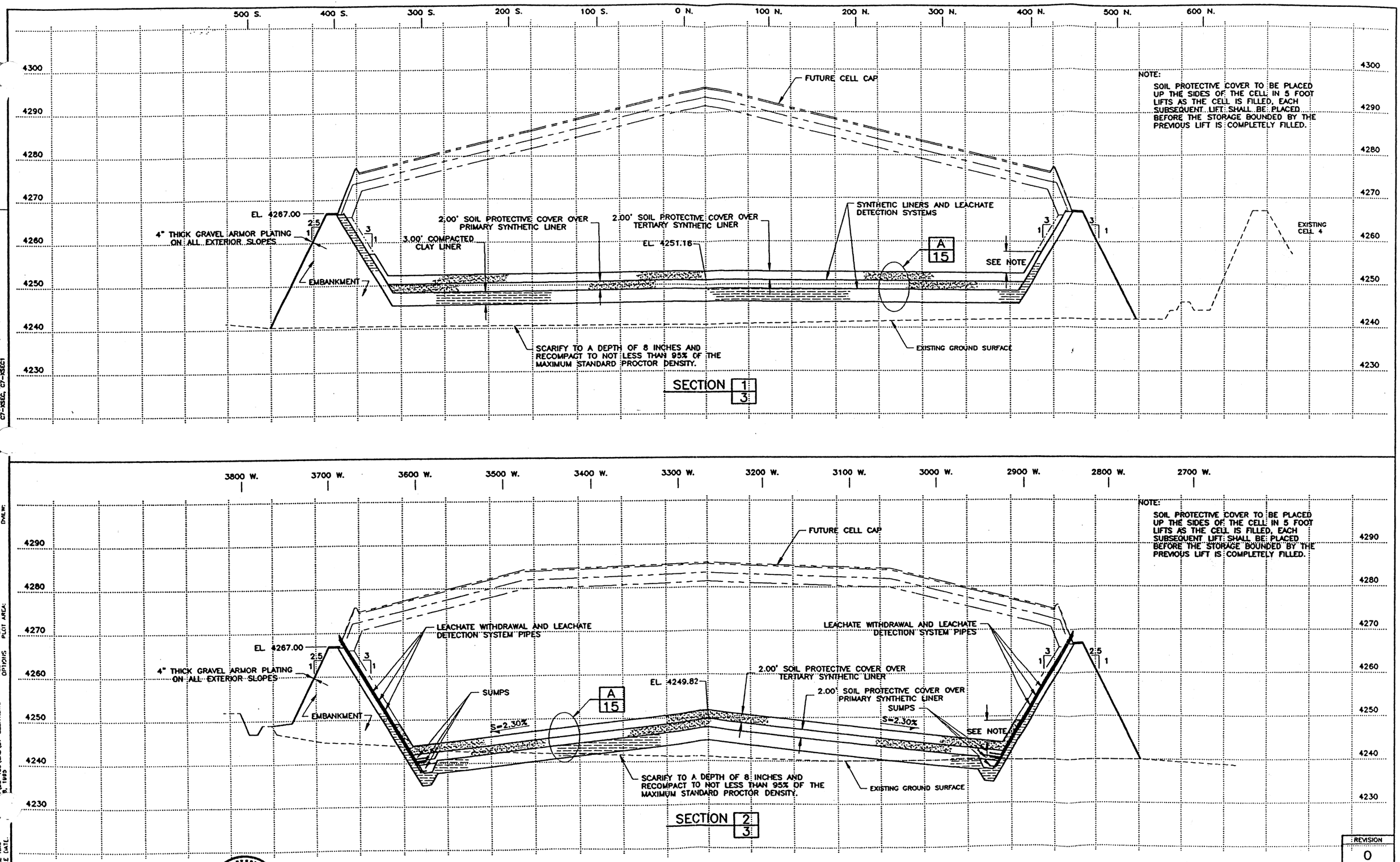
SCALE 1"=50'

VERIFY SCALE
0" 1"
BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

USPCI
A LAIDLAW COMPANY

GRASSY MOUNTAIN FACILITY
LANDFILL CELL 7
PLAN VIEW

REVISION 0
SHEET NO. 6 OF 20
64-56-100



HA&L ENGINEERING	CONSULTANTS ENGINEERS	DESIGNED MPW 3	
		DRAFTED RGA 2	
		CHECKED MEA 1	

SCALE HORIZONTAL 1" = 50' VERTICAL 1" = 10'

VERIFY SCALE 0" 1" BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

USPCI A LAIDLAW COMPANY

GRASSY MOUNTAIN FACILITY
LANDFILL CELL 7
TYPICAL SECTIONS

REVISION 0

SHEET NO. 9 OF 20

64-56-100

Z:\FILES\064\56-100\CAD\C7TB.DWG
C7-XSEC, C7-XSEC1