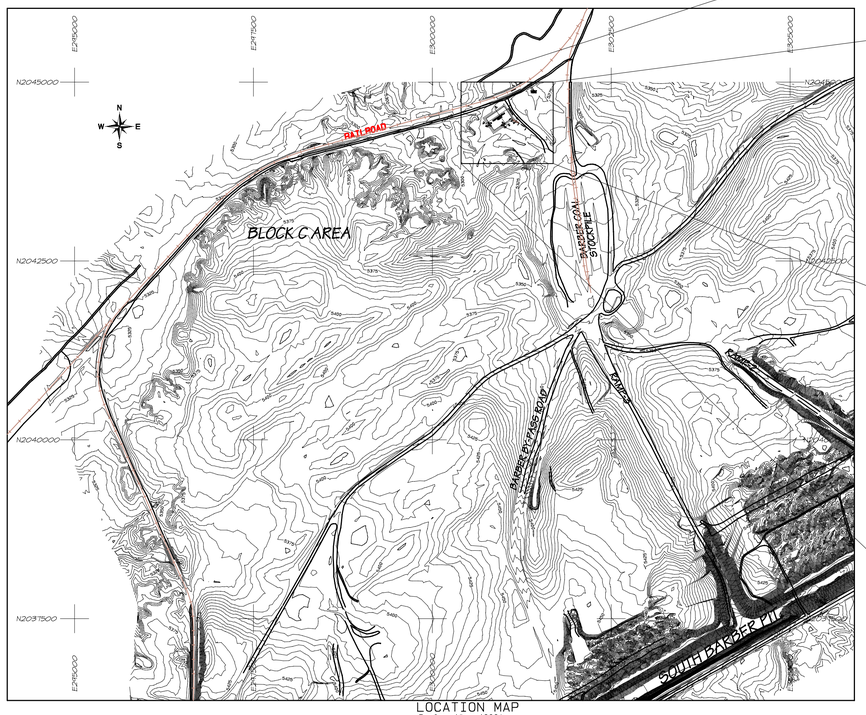
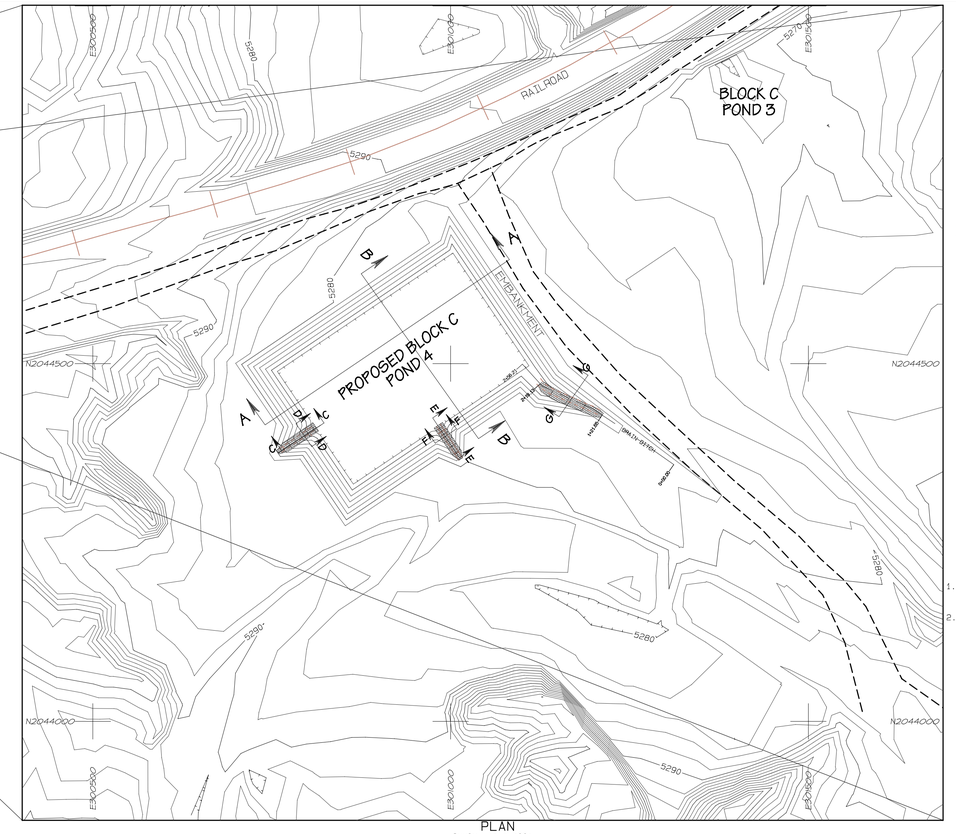


LOCATION MAP
Scale: 1" = 1000'



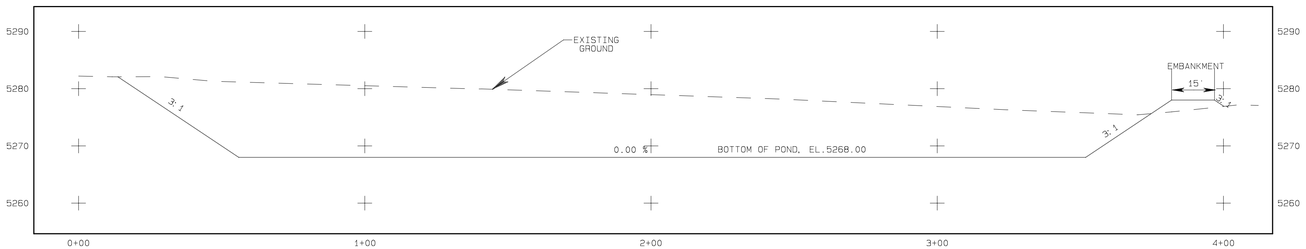
PLAN
Scale: 1" = 100'

LEGEND

- ROAD
- WATERSHED
- BUILDING
- FENCE
- IRRIGATION LINE
- CULVERT
- DAM
- DRAINAGE
- RAILROAD
- TREES
- POWERLINE
- ×5338.5 — SPOT ELEVATION
- 5300 — INDEX CONTOUR
- 5298 — INTERMEDIATE CONTOUR
- 218 / 5422.45 — LEASE CORNER
- L-30 — PERMIT/LEASE BOUNDARY

NOTES

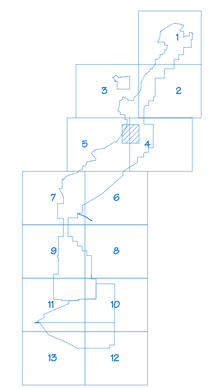
1. For hydrology and design information refer to Appendix 11-AA in the approved PAP.
2. The watershed areas for impoundment and pond locations are shown on Exhibit 11-130.



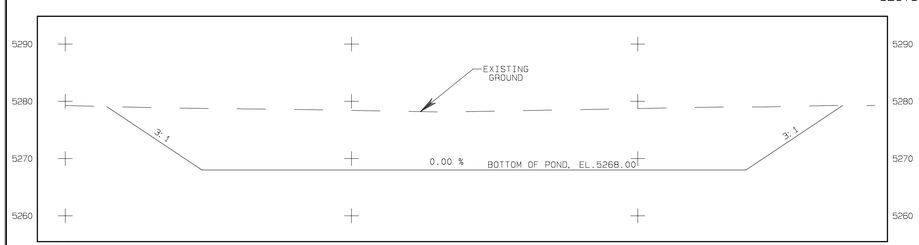
SECTION A

STAGE STORAGE DATA

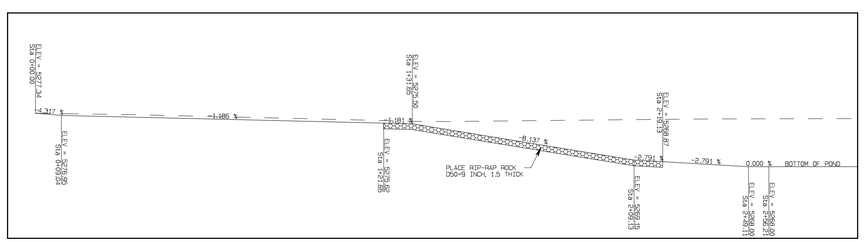
ELEV	AREA	VOLUME	CUM. VOLUME
feet	acres	ac-ft	ac-ft
5268	1.29	0.00	0.00
5269	1.37	1.33	1.33
5270	1.45	1.41	2.75
5271	1.54	1.49	4.24
5272	1.62	1.58	5.82
5273	1.71	1.66	7.48
5274	1.80	1.75	9.24
5275	1.90	1.85	11.09
5276	2.01	1.95	13.04
5277	2.23	2.12	15.15
5278	2.71	2.47	17.62



SCALE AS NOTED

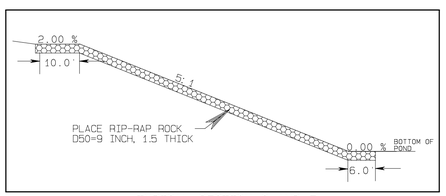


SECTION B

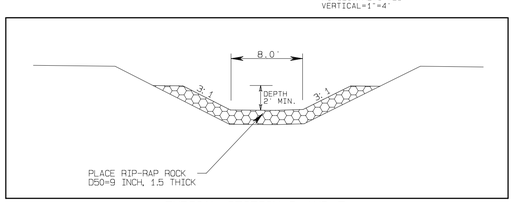


ABOVE CROSS SECTIONS AND PROFILE
HORIZONTAL=1"=25
VERTICAL=1"=4'

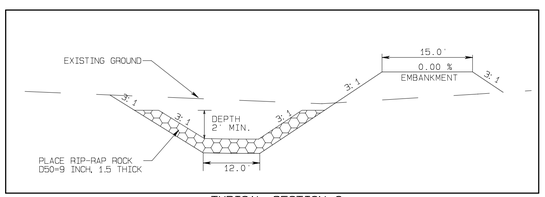
PROFILE OF CENTERLINE DRAIN DITCH



TYPICAL SECTION C AND E
NTS



TYPICAL SECTION D AND F
NTS



TYPICAL SECTION G
NTS

CERTIFICATION STATEMENT

I, Kevin A. Bahe, hereby certify that this drawing was reviewed by me and that the information shown is complete and accurate to the best of my knowledge.

KEVIN A. BAHE
NEW MEXICO
17850
LICENSED PROFESSIONAL ENGINEER

REV NO.	DESCRIPTION	REV BY	DATE
1	SUBMITTED TO DOM FOR APPROVAL	RY	7-20-07
2			
3			
4			
5			

PROJECT MANAGER: KB
ENGR. of RECORD: KB
REG. NO: 6600
SRVYR of RECORD:
REG. NO:

BHP NAVAJO COAL CO.
NAVAJO MINE
PO BOX 1717, FRUITLAND, NEW MEXICO, 87416

ACCRUAT:
DATE: 7-20-07
DESIGNED BY: RY
DRAWN BY: RY
CHECKED BY: KB
APPROVED BY: KB

PLAN, PROFILE AND SECTIONS

EXHIBIT 11-136 BLOCK C POND 4 DESIGN

DRAWING

SHEET 1 OF 1

Path: \\UGNCWFS\SERVD\Data\Departments\GS\DOM_SUBMITTED_PROJECTS\11-136 BLK C POND 4\Exhibits\Design\Block C Pond 4.prs