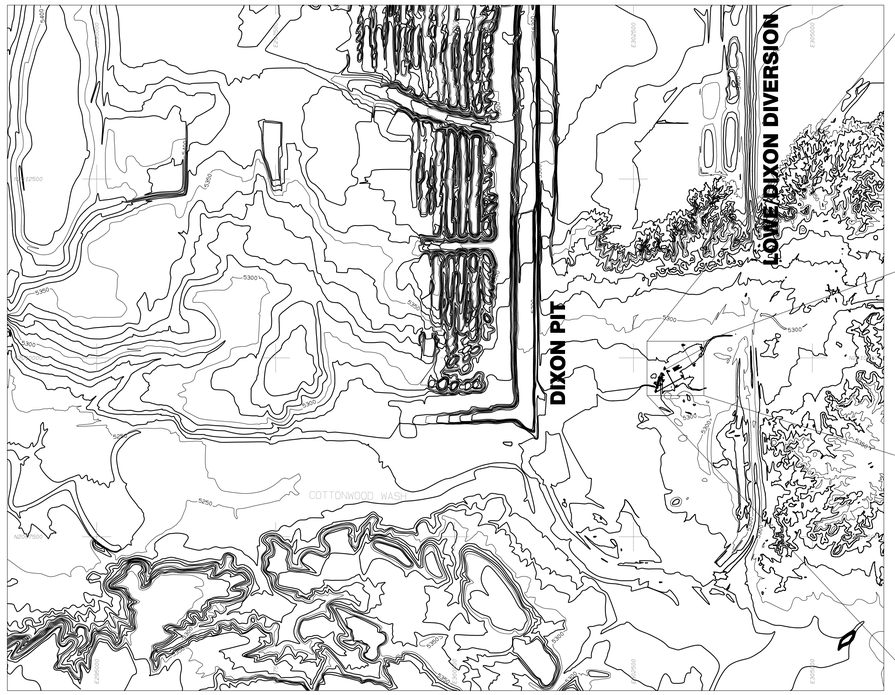
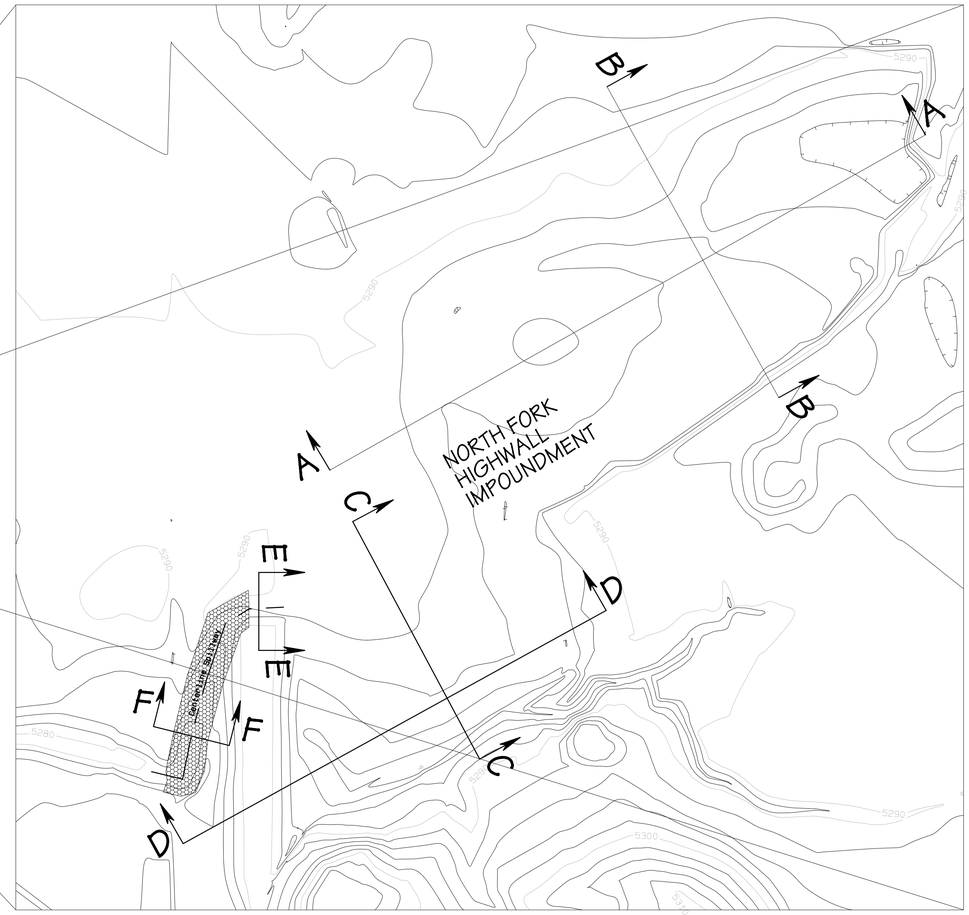


PLAN
Scale: 1" = 1000'



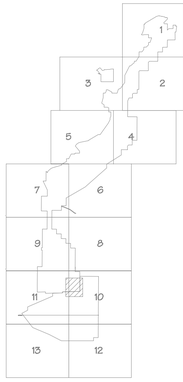
LOCATION MAP
Scale: 1" = 60'

LEGEND

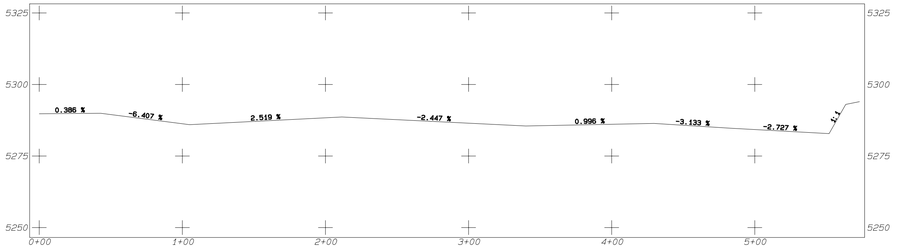
- ROAD
- WATERSHED
- BUILDING
- FENCE
- IRRIGATION LINE
- CULVERT
- DAM
- DRAINAGE
- RAILROAD
- TREES
- POWERLINE
- ×5338.5 SPOT ELEVATION
- 5300 INDEX CONTOUR
- 5298 INTERMEDIATE CONTOUR
- 218 5422.45
- L-30 LEASE CORNER
- PERMIT/LEASE BOUNDARY
- RIP - RAP

NOTES

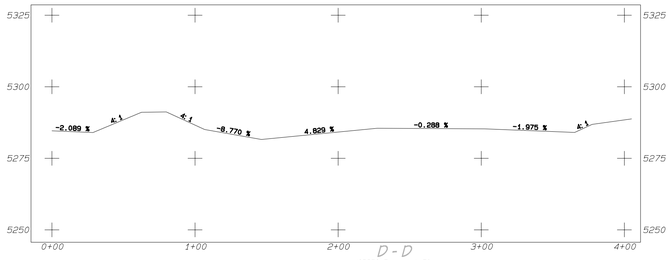
1. For hydrology and design information refer to Appendix 11-AA in the approved PAP.



SCALE AS NOTED



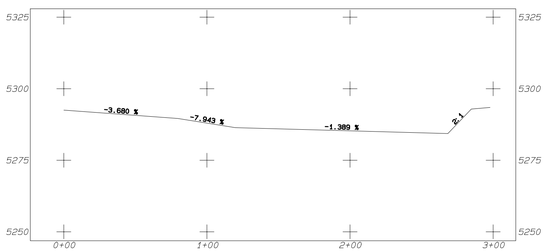
A - A



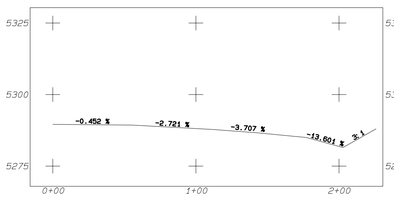
D - D
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 25'

STAGE STORAGE DATA

ELEV feet	AREA acres	VOLUME ac-ft	CUM. VOLUME ac-ft
5280	0.00	0.00	0.00
5281	0.01	0.00	0.00
5282	0.05	0.03	0.03
5283	0.14	0.10	0.13
5284	0.34	0.24	0.37
5285	0.73	0.54	0.91
5286	1.68	1.20	2.11
5287	3.00	2.34	4.45
5288	3.26	3.13	7.57
5288.1	3.30	0.33	7.90 SPWY
5289	3.76	3.17	11.07
5290	4.80	4.27	15.34

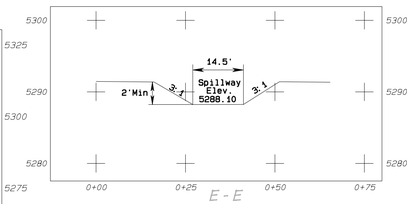


B - B

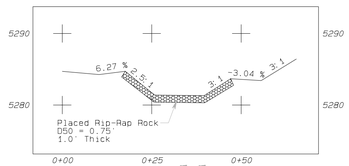


C - C

ABOVE 3 SECTIONS
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 25'

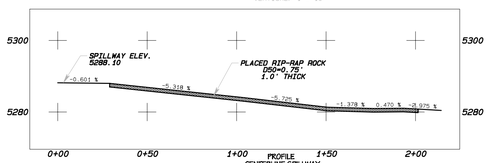


E - E



F - F

ABOVE 2 SECTIONS
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 10'



PROFILE
CENTERLINE SPILLWAY
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 20'

CERTIFICATION STATEMENT

I, Leonard Raymond, hereby certify that this impoundment has been constructed in accordance with the approved mine permit and that the information shown is complete and accurate to the best of my knowledge.

LEONARD RAYMOND
NEW MEXICO
6600
REGISTERED PROFESSIONAL ENGINEER

REV NO.	DESCRIPTION	REV BY	DATE
1	AS-BUILT SUBMITTED TO OSM FOR REVIEW	RV	08-20-03
2			
3			
4			
5			

PROJECT MANAGER: DR
ENGR. of RECORD: LB
REG. NO: 6600
SRVYR of RECORD:
REG. NO:

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

ACCOUNT:
DATE: AUGUST 20, 2003
DESIGNED BY: RIAZIZ
DRAWN BY: RIAZIZ
CHECKED BY: LR
APPROVED BY: LR

PLAN VIEW

EXHIBIT 11-42
NORTH FORK HIGHWALL IMPOUNDMENT
AS-BUILT

DRAWING

SHEET 1 OF 1

Path: G:\Departments\CS\CDP_SUBMITS\PROJ\C-11_MAP EXHIBIT\11-042-NFGHW HW IMPNT AS-Built.prp