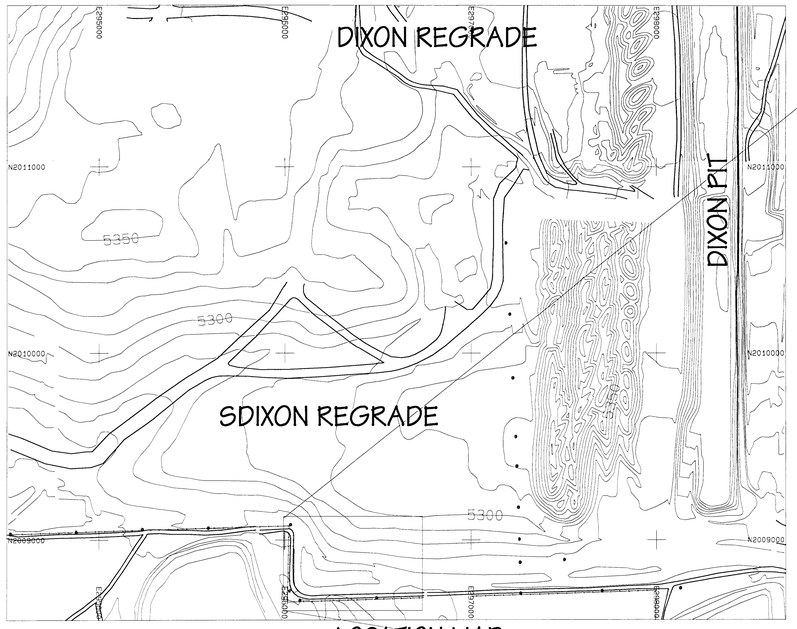
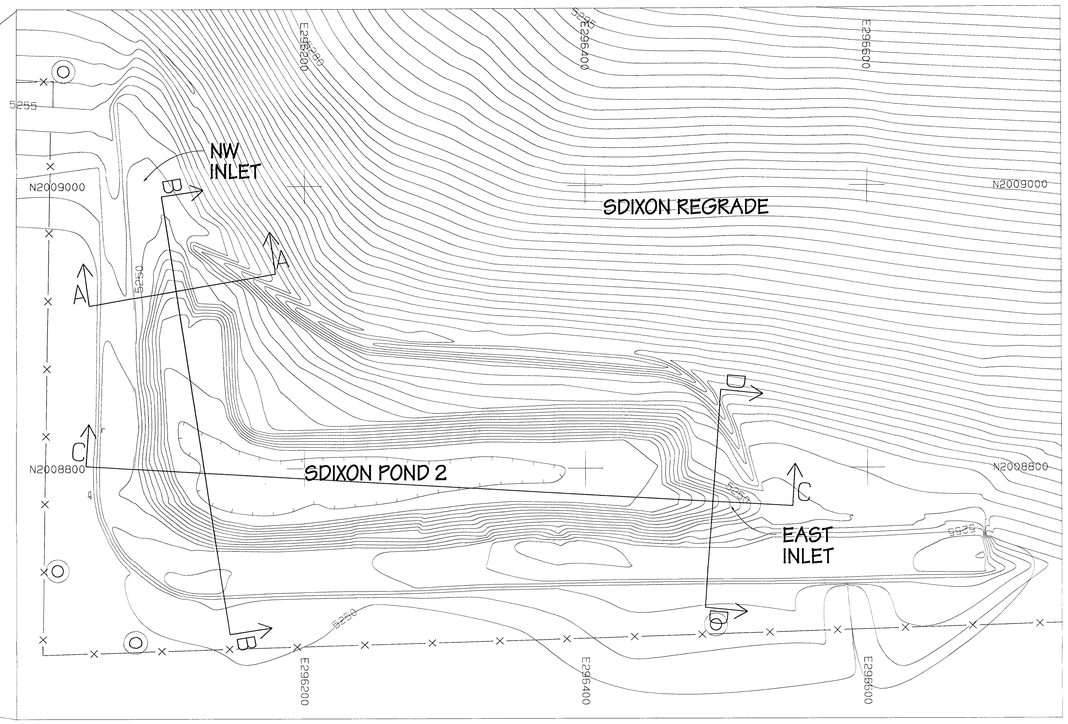


LOCATION MAP

SCALE: 1"=100 FT.



SCALE: 1"=40 FT.

LEGEND

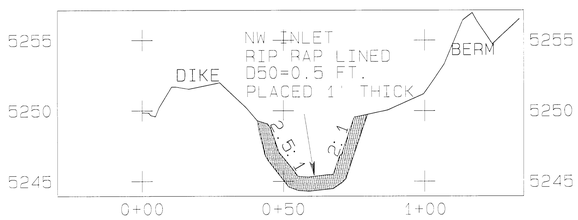
	ROAD
	WATERSHED
	BUILDING
	FENCE
	IRRIGATION LINE
	CULVERT
	DAM
	DRAINAGE
	RAILROAD
	TREES
	POWERLINE
×5338.5	SPOT ELEVATION
5300	INDEX CONTOUR
5299	INTERMEDIATE CONTOUR
219 5422.45	
L-30	LEASE CORNER

STAGE STORAGE DATA

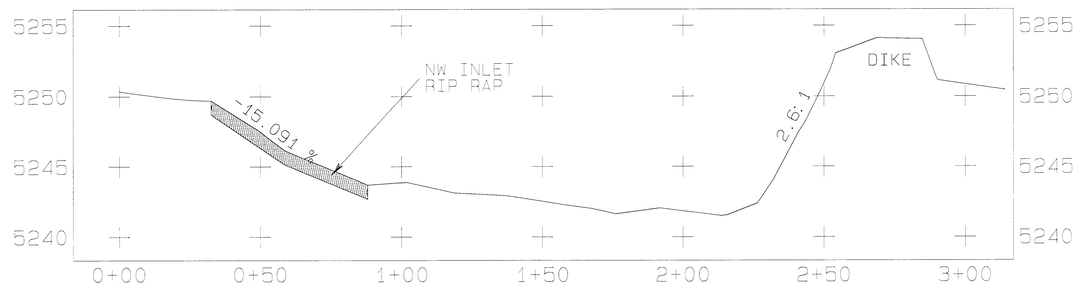
ELEV feet	AREA acres	VOLUME ac-ft	CUM. VOLUME ac-ft
5242	0.19	0.00	0.00
5243	0.40	0.30	0.30
5244	0.50	0.45	0.75
5245	0.56	0.53	1.28
5246	0.62	0.59	1.88
5247	0.67	0.65	2.53
5248	0.73	0.71	3.24
5249	0.80	0.77	4.01
5250	0.89	0.85	4.86
5251	1.03	0.97	5.82

NOTES

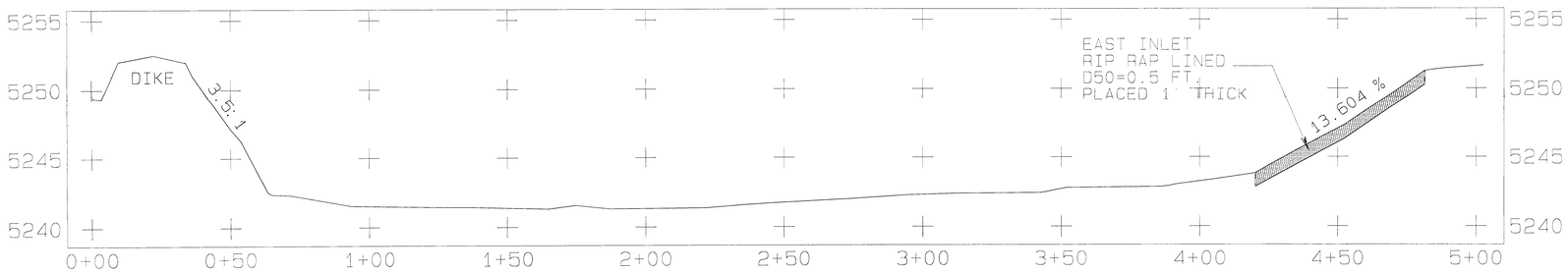
1. For hydrology and design information refer to Appendix 11-F in the approved PAP.
2. Blueline Elevations can be found in Table 11-5.
3. Gauge Post Base Elevation: 5241.48 (GPS).



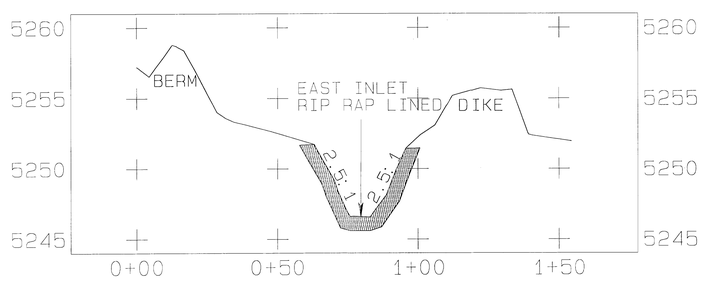
SECTION A-A



SECTION B-B

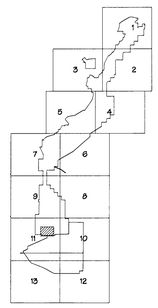


SECTION C-C



SECTION D-D

SECTIONS SCALE-HORIZONTAL: 1"=20 FT.
VERTICAL: 1"=4 FT.



CERTIFICATION STATEMENT

I, Leonard Raymond, hereby certify that this drawing was revised by me and that the information shown is accurate and complete to the best of my knowledge.

LEONARD RAYMOND NEW MEXICO 6600 REGISTERED PROFESSIONAL ENGINEER

5-3-04

REV. NO.	DATE	DRAFT BY	REVISION DESCRIPTION	CVS	E.S.	P.E.	P.S.	PROJ. ENG.
2	4-29-04	RJF	UPDATED EXHIBIT AND SUBMITTED TO OSM FOR REVIEW	LR		MC	LR	
1	05/20/98	RY	RE-SURVEYED AND RE-ASBUILT					

APPROVALS

SEP 2004 APPROVED

EXHIBIT 11-117

NAVAJO COAL COMPANY

NAVAJO MINE

P.O. BOX 1717 FRUITLAND, NEW MEXICO 87416

ASBUILT
SOUTH DIXON POND 2

PREPARED BY RY	DRAWN BY RY	SCALE AS NOTED
APPROVED BY LR	DATE 05/20/98	REF DWG

J:\OSM_SUBMIT\PER_PROJ\CH_11-OPERATION PERMIT EXH 9\11998 pond asbuilt\EXHIBIT\SDIXPND2.dwg