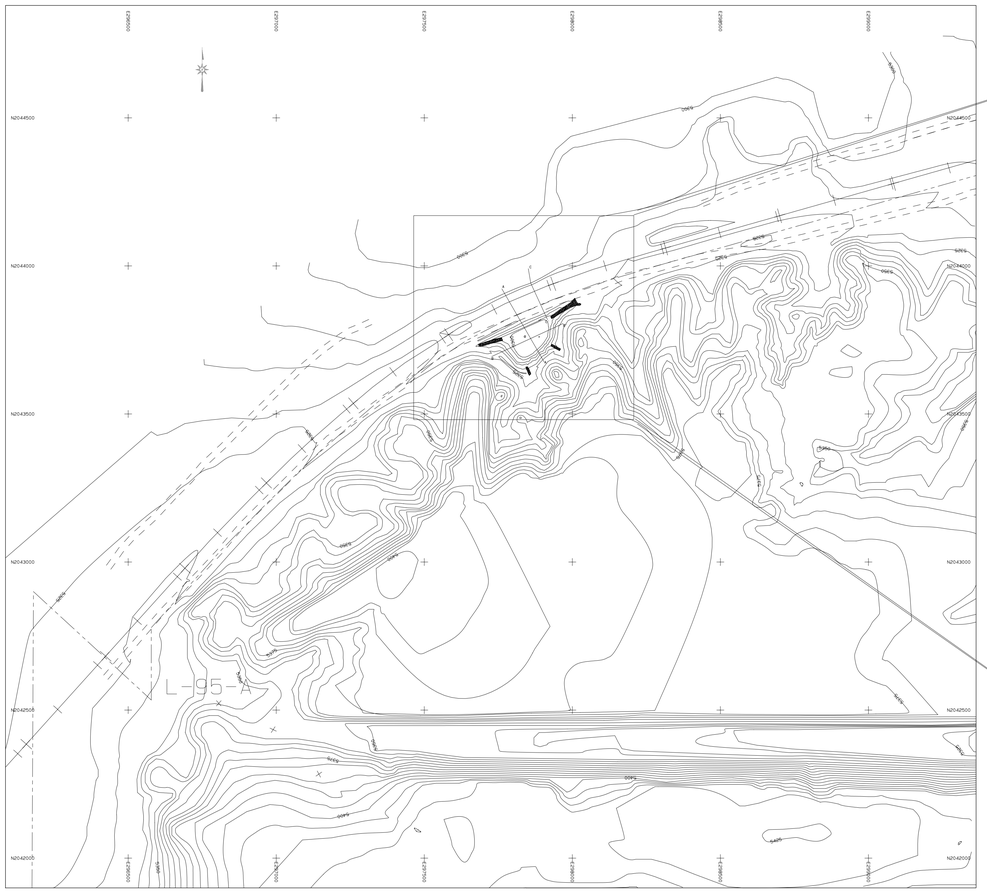
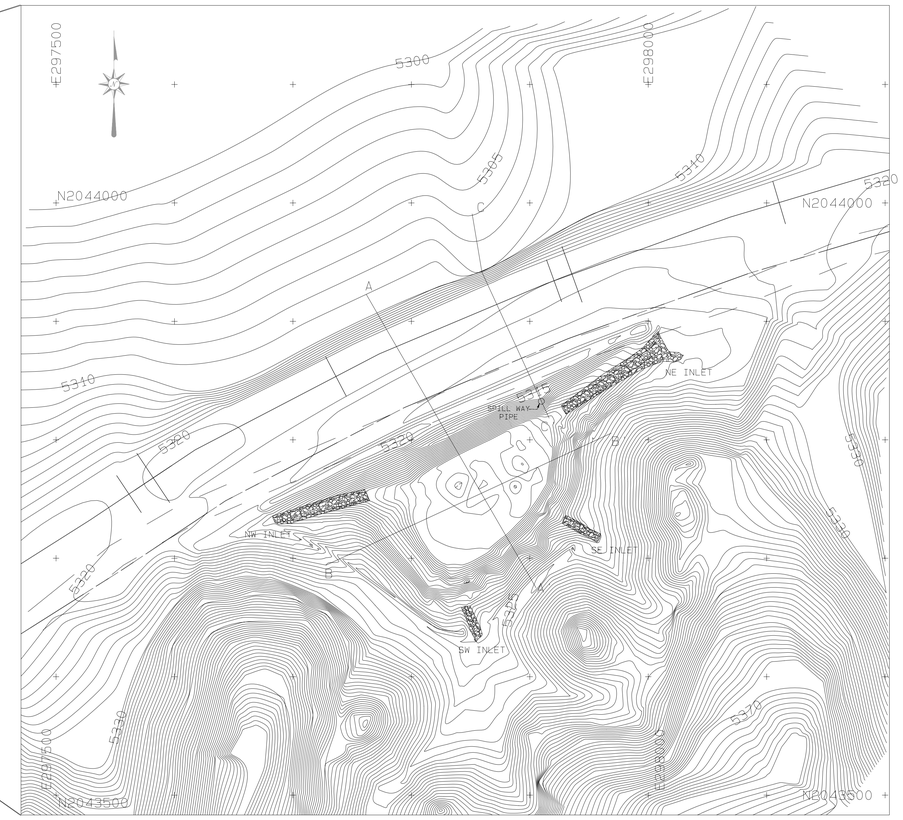


BLOCK-C POND-1 LOCATION MAP
SCALE: 1"=200'



BLOCK-C POND 3
SCALE: 1"=50'

LEGEND

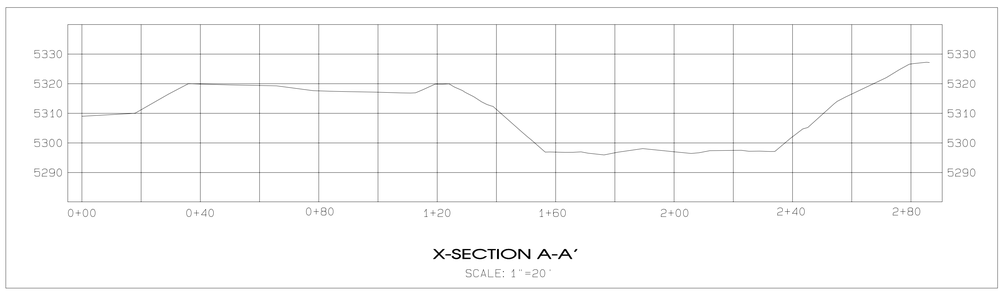
- ROAD
- WATERSHED
- BUILDING
- FENCE
- IRRIGATION LINE
- CULVERT
- DAM
- DRAINAGE
- RAILROAD
- TREES
- POWERLINE
- ×5338.5 SPOT ELEVATION
- 5300 INDEX CONTOUR
- 5298 INTERMEDIATE CONTOUR
- 218 5422.45
- LEASE/PERMIT BOUNDARY

STAGE STORAGE DATA

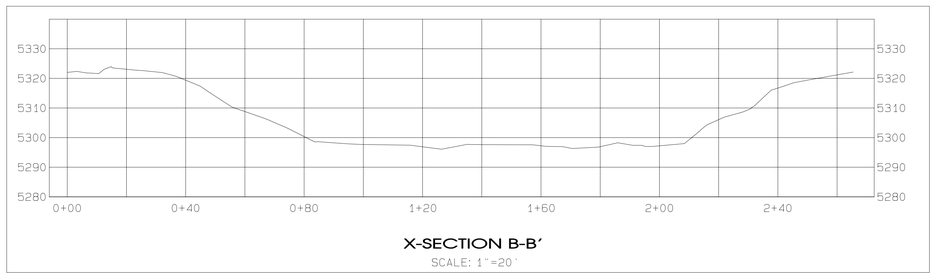
ELEV feet	AREA acres	VOLUME ac-ft	CUM. VOLUME ac-ft
5297	0.06	0.12	0.00
5298	0.18	0.20	0.12
5299	0.22	0.23	0.32
5300	0.23	0.24	0.55
5301	0.25	0.26	0.79
5302	0.27	0.28	1.05
5303	0.29	0.30	1.33
5304	0.31	0.32	1.63
5305	0.33	0.34	1.95
5306	0.35	0.37	2.29
5307	0.38	0.39	2.66
5308	0.40	0.42	3.05
5309	0.43	0.45	3.47
5310	0.46	0.48	3.91
5311	0.49	0.51	4.39
5312	0.52	0.54	4.90
5313	0.55	0.57	5.43
5314	0.58	0.61	6.00
5315	0.62	0.67	6.60

NOTES

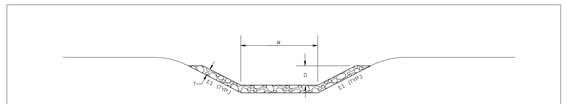
1. For hydrology and design information refer to Appendix 11-AA in the approved PAP.
2. Refer to Table 11-5AG for "blueline" elevation.
3. Refer to Exhibit 11-13D for watershed information.
4. Gauge Post Base Elevation : 5296.36



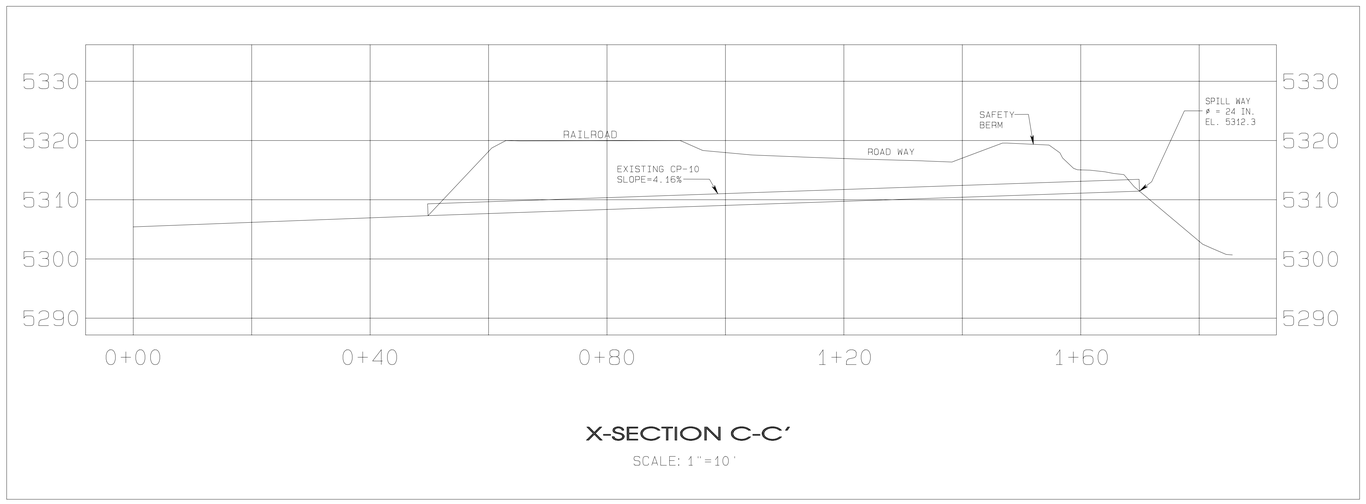
X-SECTION A-A'
SCALE: 1"=20'



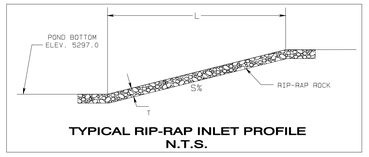
X-SECTION B-B'
SCALE: 1"=20'



TYPICAL RIP-RAP INLET X-SECTION
NTS



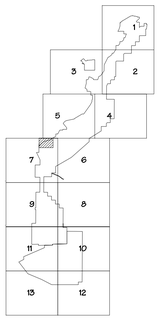
X-SECTION C-C'
SCALE: 1"=10'



TYPICAL RIP-RAP INLET PROFILE
N.T.S.

INLET SCHEDULE

INLET	L (ft)	S (%)	W (ft)	D (ft)	T (ft)	RIP RAP ROCK d50 (in.)
NW	82.0	13.0	7.5	1.0	1.0	9.0
NE	103.0	14.0	6.5	1.0	1.0	9.0
SW	30.0	20.0	4.0	1.0	1.0	9.0
SE	35.0	21.0	4.0	1.0	1.0	9.0



CERTIFICATION STATEMENT

I, Leonard Raymond, hereby certify that this impoundment has been constructed in accordance with the approved design plans and that this information shown is complete and accurate to the best of my knowledge. Exceptions are noted below.

1. The riprap size placed (D50=9") in the SW Inlet is smaller than the design size (D50=12"). The current and AOC watershed are significantly smaller than design.The riprap placed is of sufficient size.

LEONARD RAYMOND NEW MEXICO 6600 REGISTERED PROFESSIONAL ENGINEER

REV. No.	DATE	DRAFT. BY	REVISION DESCRIPTION	ENG.	E.G.	P.E.	P.L.S.	CHIEF ENG.
A	12/10/99	PJF	SUBMITTED TO OSM.	BH	MC	LR		

APPROVALS

EXHIBIT 11-133A

NAVAJO COAL COMPANY

NAVAJO MINE — SAFETY — PEOPLE — PAYS

P.O. BOX 155 FRUITLAND, NEW MEXICO 87416

BLOCK-C POND 1
AS-BUILT

PREPARED BY PJF	DRAWN BY PJF	SCALE: AS NOTED
APPROVED BY LR	DATE 12/03/99	

PATH: G:\Departments\Gs\OSM_SUBM\PER_PROG\CH_11_PAP EXHIBIT\11-133, 134, 6135-BLK-C POND

PATH: G:\Departments\Gs\OSM_SUBM\PER_PROG\Ch_11_PAP EXHIBIT\11-133, 134, 6135-BLK-C POND3 1_2_3\5-Pg11\BLK-C POND1 11-133A.prp DATE PLOTTED Wed Aug 17 08:23:14 2005
BLK-C POND3.prp