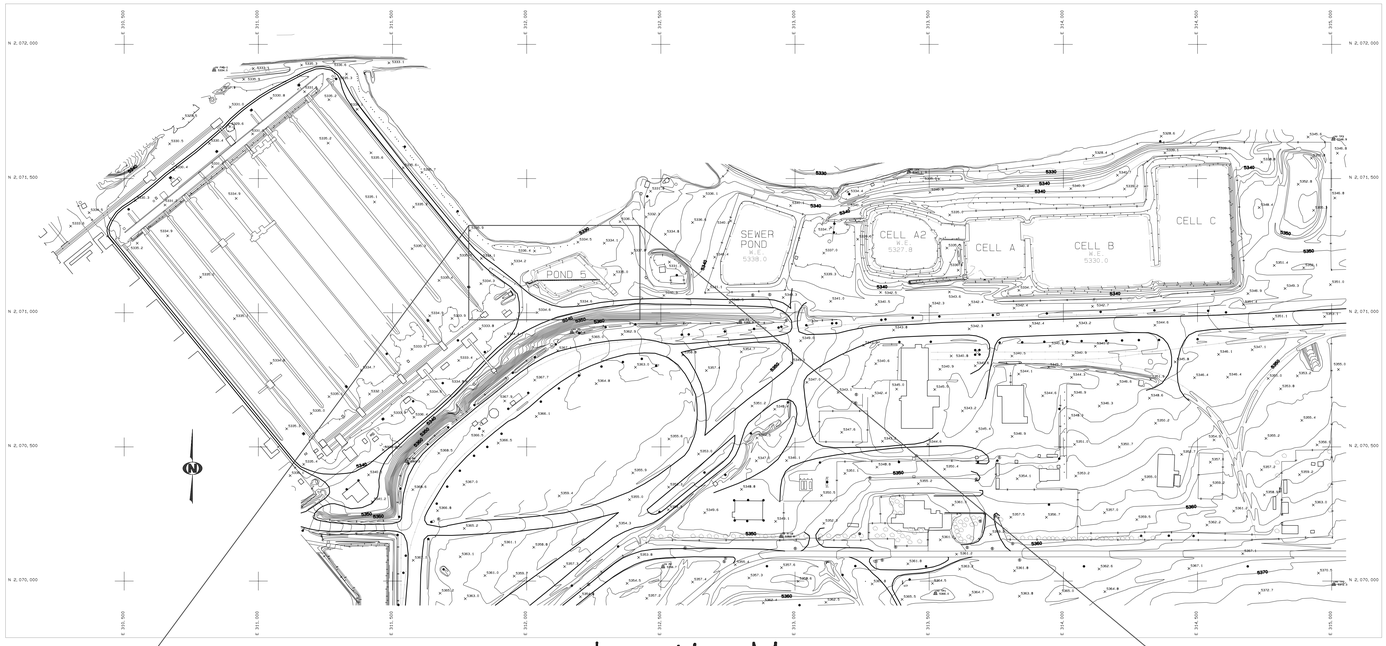
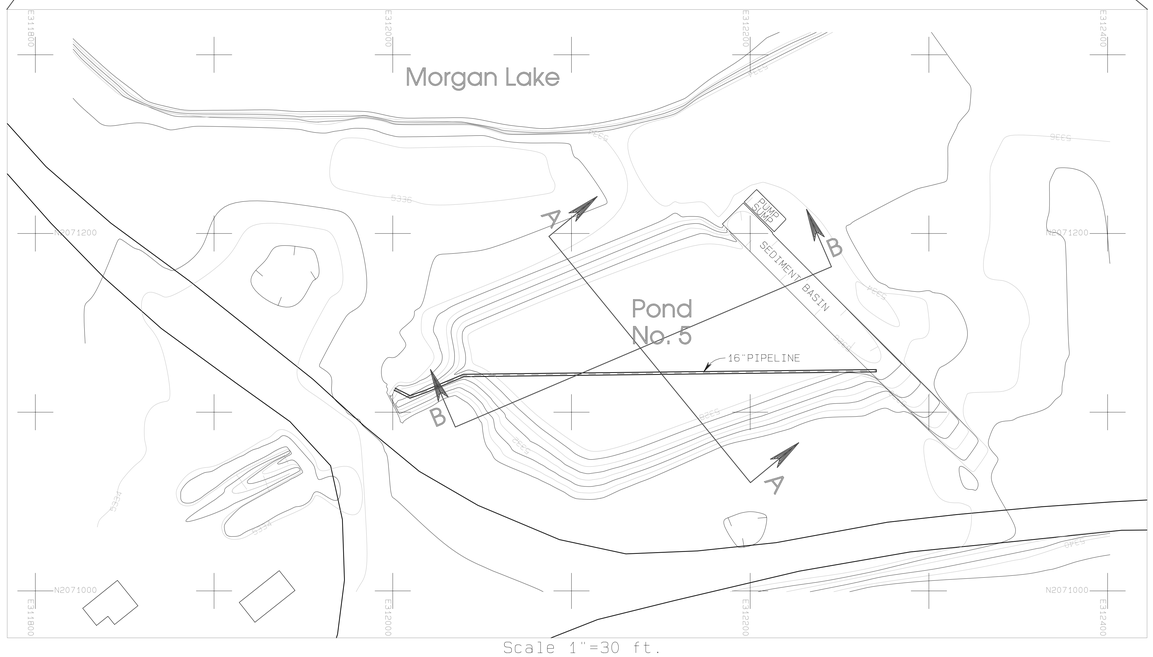
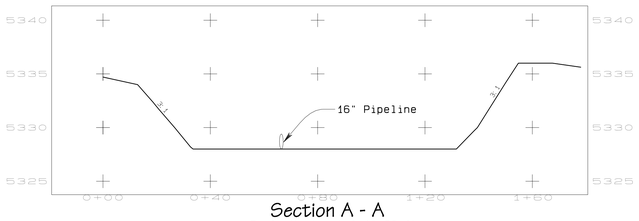


Location Map

Scale 1"=200 ft.

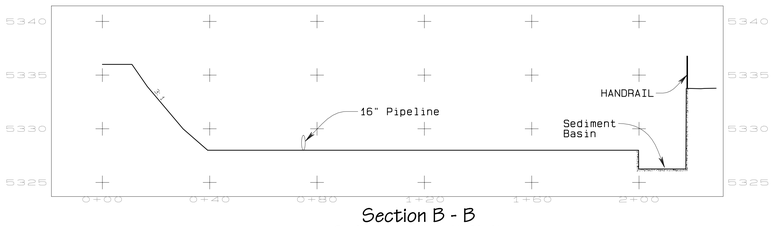


Scale 1"=30 ft.



Section A - A

Scale Horizontal 1"=20 ft.
Vertical 1"=5 ft.



Section B - B

Scale Horizontal 1"=20 ft.
Vertical 1"=5 ft.

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

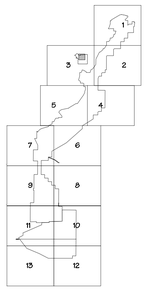
NOTES

1. For hydrology and design information refer to Appendix 11-A6 in the approved PAP.

STAGE STORAGE DATA

ELEV feet	AREA acres	VOLUME ac-ft	CUM. VOLUME ac-ft
5328.4	0.39	0.00	0.00
5329.0	0.43	0.25	0.25
5330.0	0.47	0.45	0.70
5331.0	0.51	0.49	1.19
5332.0	0.55	0.53	1.72
5333.0	0.60	0.57	2.29

N
W E
S



CERTIFICATION STATEMENT

I, Leonard Raymond, hereby certify that this impoundment has been constructed in accordance with the approved design plans 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	DATE	DRAFT BY	REVISION DESCRIPTION	CHK.	E.C.	P.E.	P.G.	PROJ ENG. APPROVE
B	01-29-99	RJF	Updated Stage Storage Data and revised Certification Statement					
A	06/30/98	RY	Revised Asbuilt, Modified Pump Sump and Sediment Basin					

EXHIBIT 11-105A

NAVAJO COAL COMPANY

NAVAJO MINE

P.O. BOX 155 FRUITLAND, NEW MEXICO 87416

POND 5

AS-BUILT

PREPARED BY:RY	DRAWN BY:RY	AS NOTED
APPROVED BY:LR	DATE 06/30/98	REF DWG
DWG LOC G:\Departments\Ga\OSM_SUBM\PER_PROG\CH_11_PAP EXHIBIT\11		