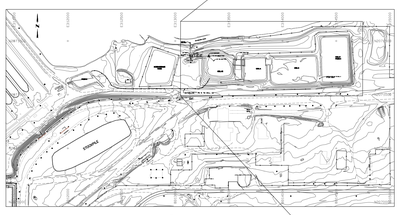
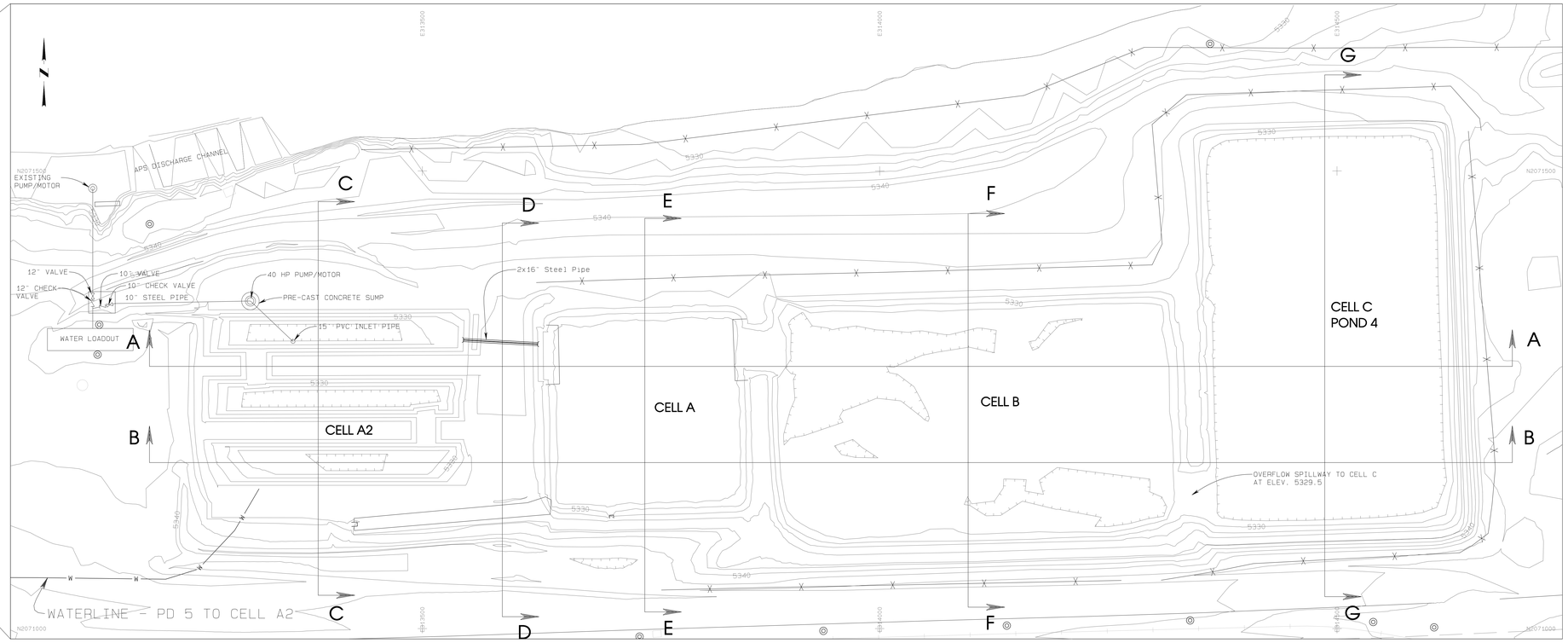
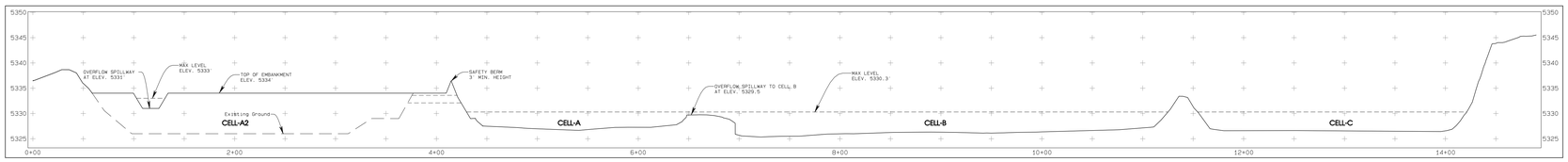


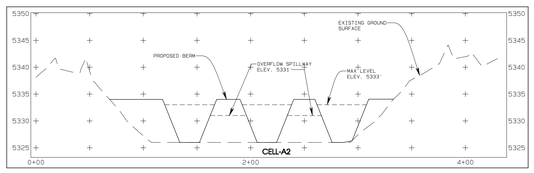
PLAN - NORTH FACILITY
1" = 500'



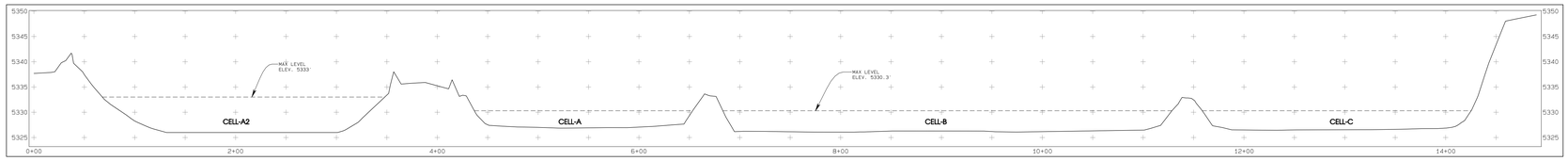
PLAN - NORTH CELLS
1" = 50'



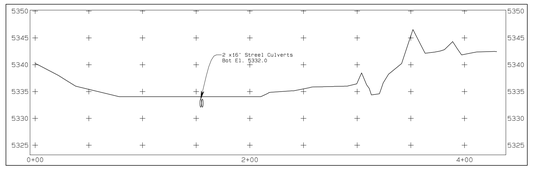
SECTION A



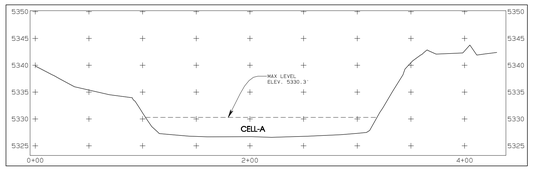
SECTION C



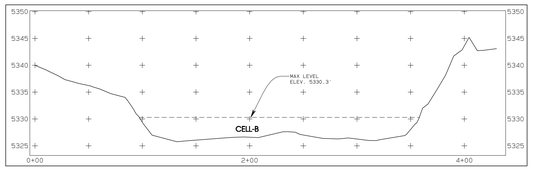
SECTION B



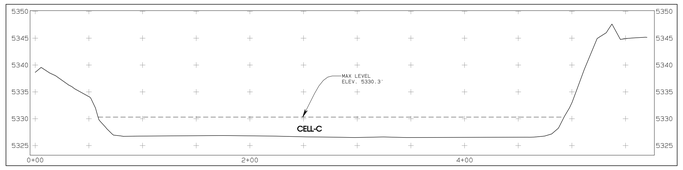
SECTION D



SECTION E



SECTION F



SECTION G

SECTION SCALE:
HORIZ. - 1" = 50'
VERT. - 1" = 10'

CELL A
STAGE STORAGE

ELEV.	AREA (AC)	INC. VOL. (AC-FT)	ACCUM. VOL. (AC-FT)
5327.0	0.26	0.00	0.00
5328.0	0.91	0.59	0.59
5329.0	0.99	0.95	1.53
5329.6	1.02	0.60	2.14
5330.0	1.07	0.42	2.55
5331.0	1.13	1.10	3.65
5332.0	1.18	1.15	4.80

CELL B
STAGE STORAGE

ELEV.	AREA (AC)	INC. VOL. (AC-FT)	ACCUM. VOL. (AC-FT)
5325.0	0.00	0.00	0.00
5326.0	0.54	0.27	0.27
5327.0	2.13	1.33	1.61
5328.0	2.38	2.25	3.86
5329.0	2.50	2.44	6.30
5329.5	2.56	1.26	7.56
5330.0	2.63	1.30	8.86
5331.0	2.72	2.68	11.54
5332.0	2.80	2.76	14.30

CELL C
STAGE STORAGE

ELEV.	AREA (AC)	INC. VOL. (AC-FT)	ACCUM. VOL. (AC-FT)
5327.0	2.07	0.00	0.00
5328.0	2.37	2.22	2.22
5329.0	2.51	2.44	4.66
5329.5	2.58	1.27	5.93
5330.0	2.80	1.35	7.28
5331.0	2.64	2.72	10.00
5332.0	2.72	2.68	12.68

CELL A, B & C COMBINE
STAGE STORAGE

ELEV.	AREA (AC)	INC. VOL. (AC-FT)	ACCUM. VOL. (AC-FT)
5325.0	0.01	0.00	0.00
5326.0	0.54	0.27	0.27
5327.0	4.46	1.33	1.61
5328.0	5.66	5.06	6.67
5329.0	5.99	5.82	12.49
5329.5	6.16	3.14	15.63
5330.0	6.50	3.06	18.69
5331.0	6.49	6.49	25.18
5332.0	6.71	6.60	31.78

HIGH WATER LEVEL ELEVATION 5332.0
MAX. PERMISSIBLE SEDIMENT/WATER LEVEL - ELEV. 5330.30

CELL A2
STAGE STORAGE

ELEV.	AREA (AC)	INC. VOL. (AC-FT)	ACCUM. VOL. (AC-FT)
5326.0	0.19	0.00	0.00
5327.0	0.30	0.24	0.24
5328.0	0.39	0.35	0.59
5329.0	0.49	0.44	1.03
5330.0	0.59	0.54	1.57
5331.0	0.71	0.65	2.21
5332.0	0.81	0.76	2.98
5333.0	0.92	0.87	3.85
5334.0	1.03	0.98	4.82

HIGH WATER LEVEL ELEVATION 5333.0

NOTES:

1. THE HYDROLOGY DATA IS PRESENTED IN APPENDIX 11-AA.
2. THE LOCATION AND WATERSHED AREAS ARE PRESENTED ON EXHIBIT 11-13B.

CERTIFICATION STATEMENT

I, Ron C. Van Valkenburg, hereby certify that this drawing was reviewed by me and that the information shown is complete and accurate to the best of my knowledge.

RON C. VAN VALKENBURG — NEW MEXICO — 9263 — LICENSED PROFESSIONAL ENGINEER

REV. No.	DATE	DRAFT. BY	REVISION DESCRIPTION	ENG.	E.G.	P.E.	P.S.	CHIEF ENG.
B-10	7-27-10	PJF	RE-DESIGN CELL A2 AND SUBMITTED TO DSM FOR REVIEW.	RCV	YB	RCV		
A-10	7-07-10	PJF	BLOCKED THE OVERFLOW TO CELL A2 AND UPDATED AFTER CLEAN OUT	LR	YB	LR		
B	7-22-96	PJF	ADDED DEWATERING PUMP AND ASSOCIATED PIPELINE IN CELL A2					
A	11-28-95	DJR	SUBMITTED TO DSM FOR APPROVAL					

APPROVALS

EXHIBIT 11-106

BHP NAVAJO COAL COMPANY

NAVAJO MINE — SAFETY — PEOPLE — PROFIT

P.O. BOX 155 FRUITLAND, NEW MEXICO 87416

NORTH CELLS MODIFICATION

PREPARED BY DJR	DRAWN BY DJR	SCALE AS NOTED
APPROVED BY LR	DATE 11-28-95	REF. DWG EXH 11-106