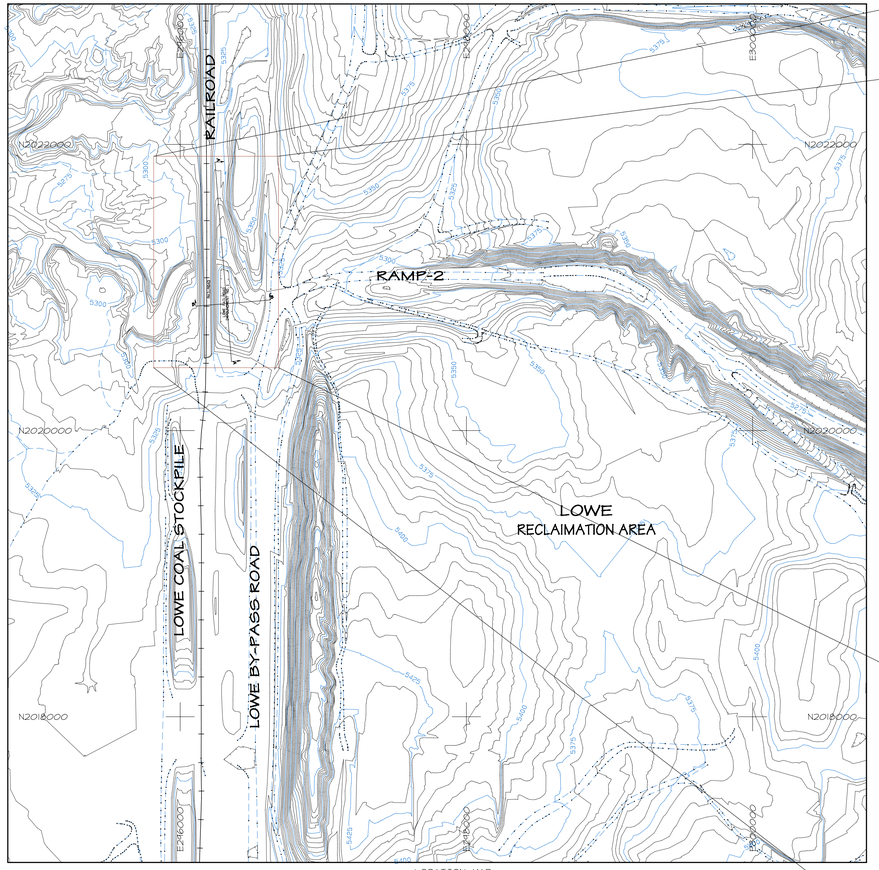
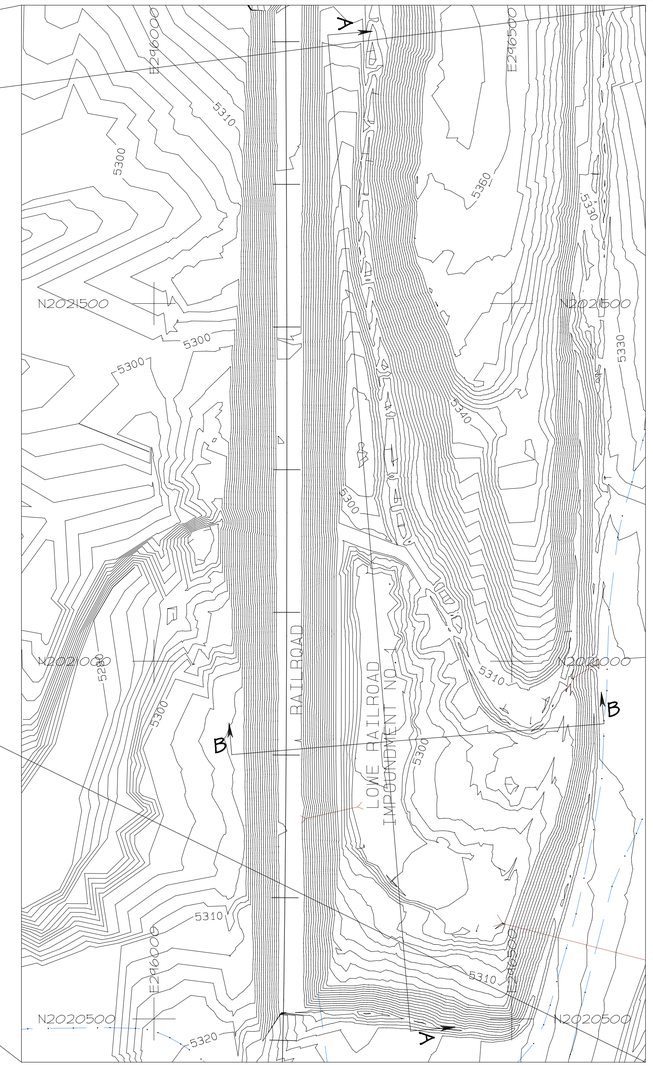


LOCATION MAP
1"=2000'



PLAN
1"=100'

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

STAGE STORAGE DATA

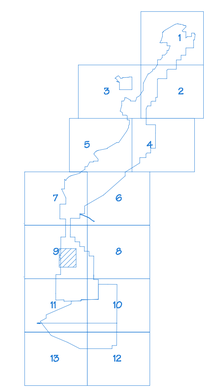
ELEV feet	AREA acres	VOLUME ac-ft	CUM. VOLUME ac-ft
5293	0.00	0.00	0.00
5294	0.33	0.17	0.17
5295	0.55	0.44	0.60
5296	0.68	0.61	1.22
5297	0.86	0.77	1.96
5298	1.06	0.96	2.95
5299	1.28	1.17	4.12
5300	1.51	1.39	5.52
5301	1.75	1.63	7.15
5302	1.99	1.87	9.01
5303	2.23	2.11	11.22
5304	2.49	2.36	13.48
5305	2.89	2.69	16.16
5306	3.19	3.04	19.20 (1)
5307	3.51	3.35	22.76
5308	3.77	3.64	26.19
5310	4.27	8.04	34.23
5312	4.69	8.96	43.19
5314	5.05	9.74	52.93
5316	5.43	10.48	63.41
5318	5.80	11.22	74.62
5320	6.16	11.94	86.57
5322	6.55	12.69	99.26 (2)

(1) PEAK STAGE FOR DESIGN STORM EVENT (100 YR - 6 HR).

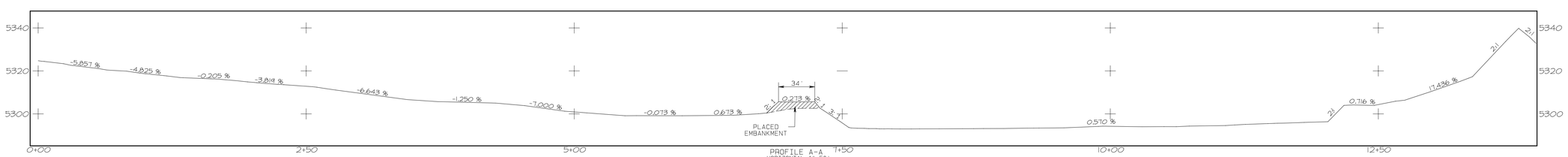
(2) MAXIMUM IMPOUNDMENT CAPACITY.

NOTES

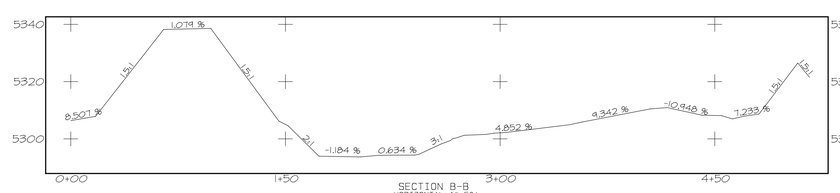
1. For hydrology and design information refer to Appendix 11-AA in the approved PAP.
2. The watershed areas for Impoundment and pond locations are shown on Exhibit 11-13E.
3. For impoundment information refer to Table 11-5G.



SCALE AS NOTED



PROFILE A-A
HORIZONTAL=1"=50'
VERTICAL=1"=25'



SECTION B-B
HORIZONTAL=1"=50'
VERTICAL=1"=25'

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.	DESCRIPTION	REV BY	DATE
1	UPDATED TO CURRENT STANDARDS	RV	7-9-09
2	SUBMITTED TO DMM FOR REVIEW		
3			
4			
5			

PROJECT MANAGER: TG
ENGR. of RECORD: SCV
REG. NO: 9263
SRVYR of RECORD:
REG. NO:

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

ACCOUNT:
DATE: 6-19-09
DESIGNED BY: SS
DRAWN BY: RV
CHECKED BY: RCV
APPROVED BY: RCV

PLAN, PROFILE AND SECTION

EXHIBIT 11-67
LOWE RAILROAD IMPOUNDMENT NO. 1
AS-BUILT

DRAWING

SHEET 1 OF 1

PATH: \\CNCNAS\PW-SHARE\Data\Department\DGM\SUBMITTALS\PAP\INCL\11-67.DWG\11-67 LOWE RR #1 POND\NEW\EXHIBIT11-67_Lowe-Impoundment1.dwg