EXHIBIT 11-150
LOWE-DIXON DIVERSION NORTH POND-A
AS-BUILT

LOCATION MAP AND PLAN/X-SECTION VIEW

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

ACCOUNT:	
DATE:	AUG. 15, 2007
DESIGNED BY:	RFV
DRAWN BY:	PJFOSTER
CHECKED BY:	RFV
APPROVED BY:	

PROJECT MANAGER: K. BAHE
ENGR. of RECORD: R. VAN VALKENBURG
REG. NO: NM-9263
SRVYR of RECORD:
REG. NO:

REV#	DESCRIPTION	DATE
1	SUBMITTED TO DOM FOR REVIEW	8-15-07
2	ISSUED FOR EXHIBIT 11-150	1-23-08
3	ADDED EXHIBIT 11-150 SUBSTITUTE TEXT	7-15-08
4	Revised Lowe Pit Diversion Pond-A	01-08-10
5		
6		

DRAWING SHEET 1 OF 1

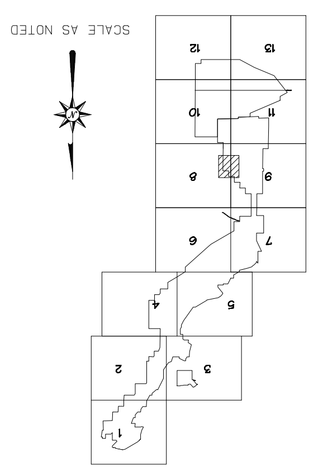
I, Ron C. Van Valkenburg, hereby certify that this impoundment has been constructed in accordance with the approved design plans except as noted below and the information shown is complete and accurate to the best of my knowledge.

I. Mining activity in Lowe Pit removed approximately 1500 feet of the West end of the approved pond design, so an embankment was constructed at the location shown. The hydrology for the pond was revised accordingly. See Appendix 11-AA for supporting data.

CERTIFICATION STATEMENT

SHEET INDEX

Exhibit 11-150_1 of 1, Lowe-Dixon Diversion North Pond-A_As-Built Location Map/Plan/X-Sections View



NOTES

1. For hydrology and design information refer to Appendix 11-AA in the approved PAP.
2. Refer to table 11-7 for additional data.
3. This Impoundment is for stormwater runoff control to reduce inflow to Lowe and Dixon Pits

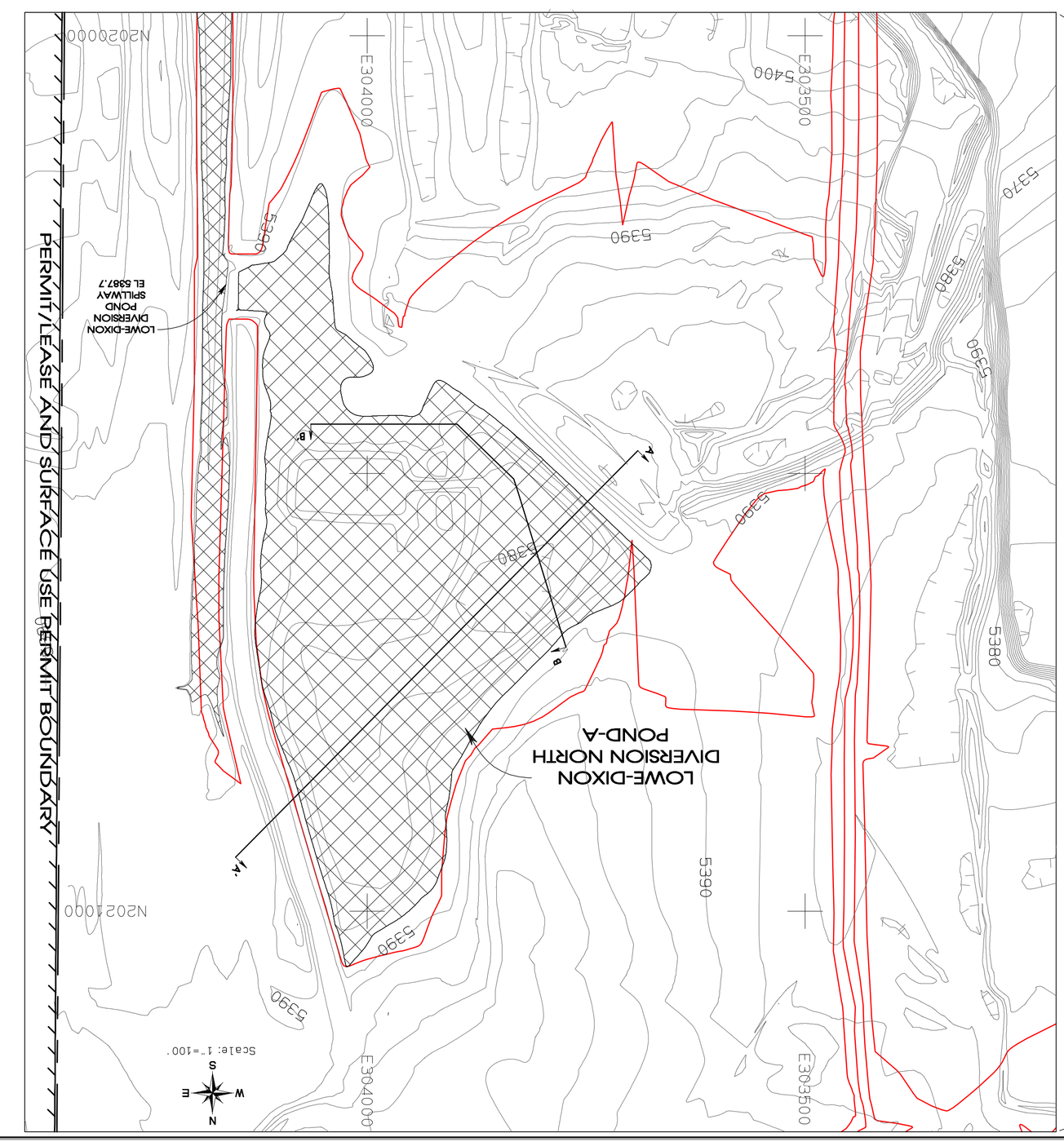
LEGEND

ROAD
WATERSHED
BUILDING
FENCE
IRRIGATION LINE
CULVERT
DAM
DRAINAGE
RAILROAD
TREES
POWERLINE
SPOT ELEVATION ×5338.5
INDEX CONTOUR 5300
INTERMEDIATE CONTOUR 5298
LEASE CORNER L-30
PERMIT/LEASE BOUNDARY

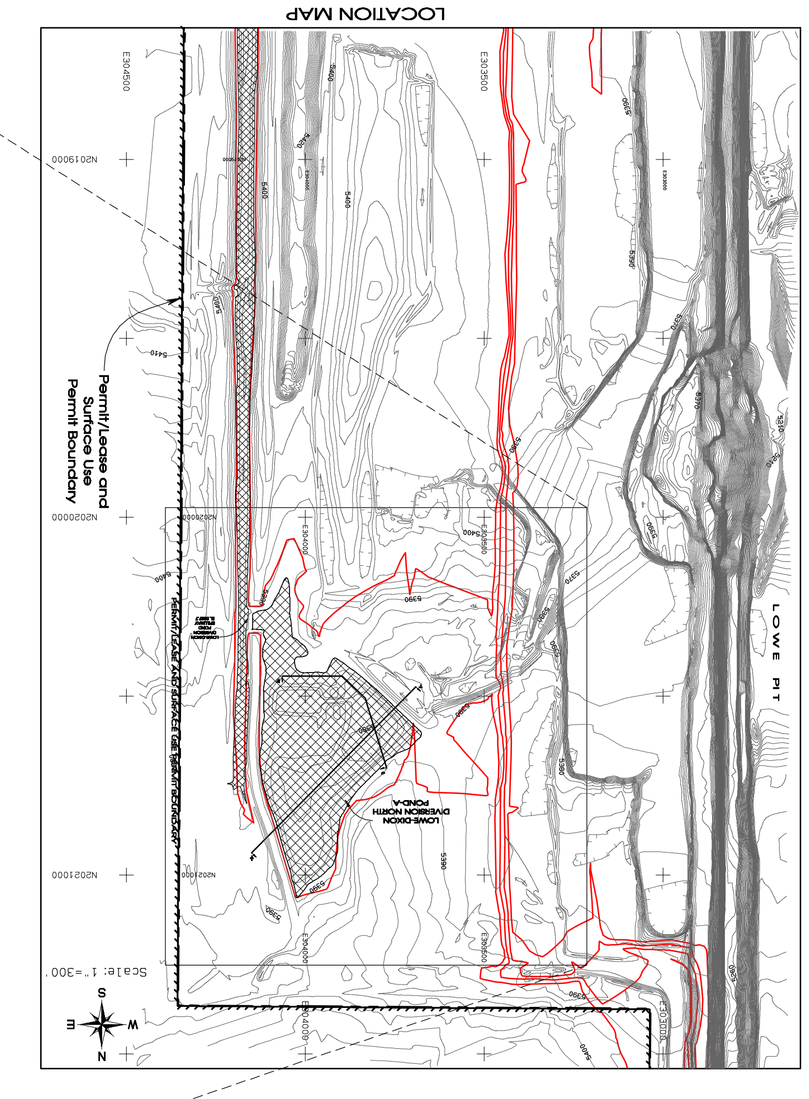
LOWE-DIXON DIVERSION NORTH POND-A STAGE STORAGE DATA

ELEV feet	AREA acres	VOLUME ac-ft	CUM. VOLUME ac-ft
5379.3	0.00	0.00	0.00
5380	0.172	0.1	0.1
5381	0.545	0.4	0.4
5382	1.089	0.8	1.2
5383	1.646	1.4	2.6
5384	1.995	1.8	4.4
5385	2.412	2.2	6.6
5386	2.904	2.7	9.3
5387	3.528	3.2	12.5
5388	4.188	3.9	16.4

CREST OF EMBANKMENT: EL.5388.0
AS-BUILT VOLUME AT CREST ELEVATION: 16.4 AC-FT



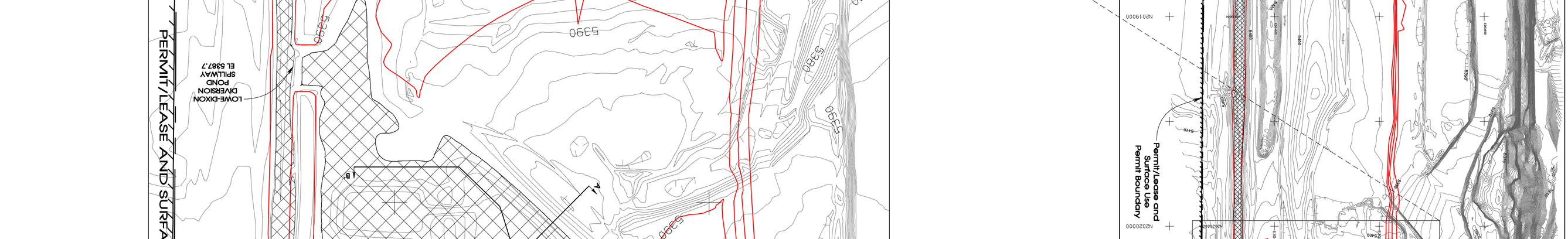
PLAN VIEW

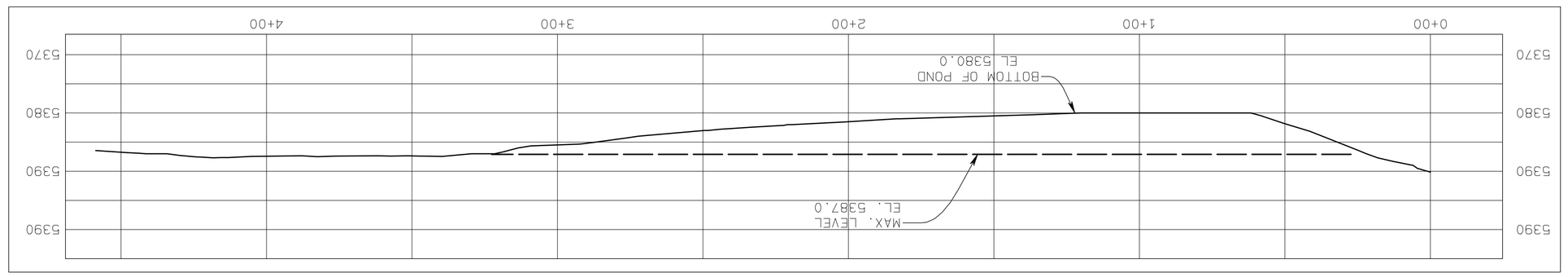


LOCATION MAP

LOWE-DIXON DIVERSION NORTH POND-A SECTION A -A'

Horz. Scale: 1" = 30'
Vert. Scale: 1" = 15'



LOWE-DIXON DIVERSION NORTH POND-A SECTION B -B'

Horz. Scale: 1" = 30'
Vert. Scale: 1" = 15'