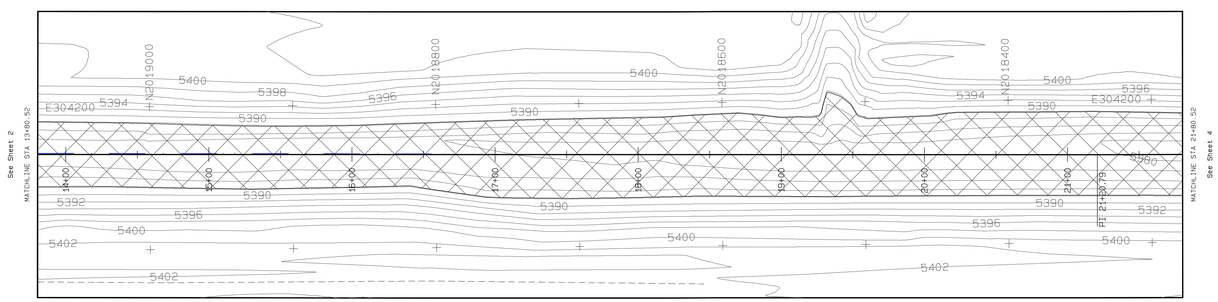
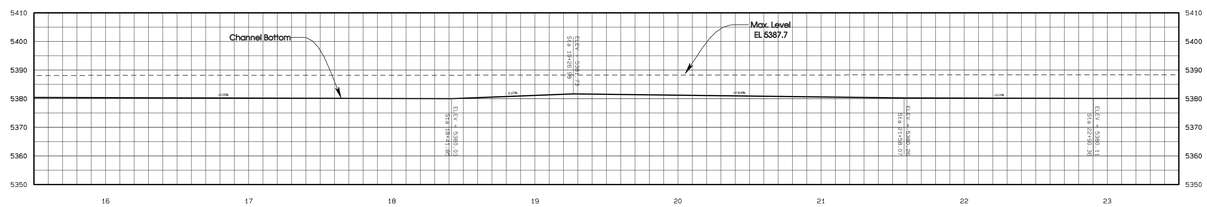
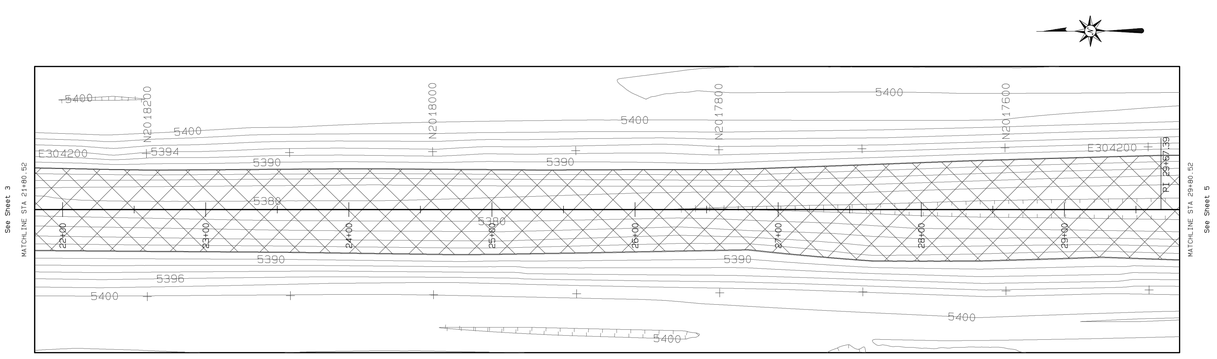


PLAN VIEW
SCALE: 1"=50.0'

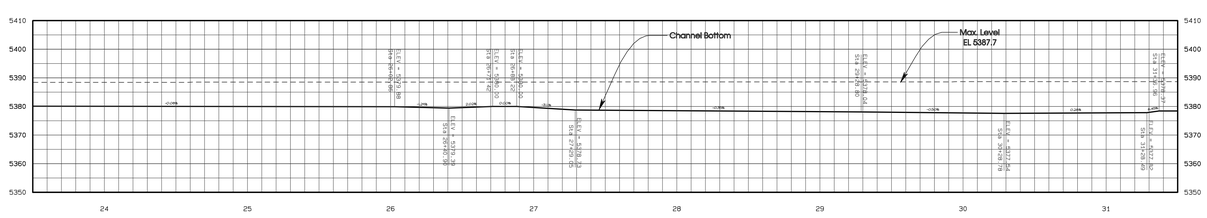


PROFILE VIEW B-B'

Horz. Scale: 1" = 50'
Vert. Scale: 1" = 25'



PLAN VIEW
SCALE: 1"=50.0'



PROFILE VIEW B-B'

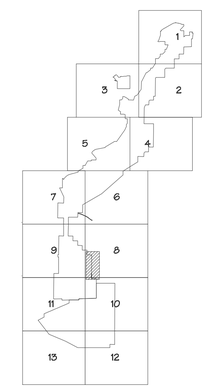
Horz. Scale: 1" = 50'
Vert. Scale: 1" = 25'

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

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.



SCALE AS NOTED

CERTIFICATION STATEMENT

I, Ron C. Van Valkenburg, hereby certify that this structure has been constructed in accordance with the Approved Design Plans except:

* Spillway constructed at 5387.7 (Design was 5387.8)
* Embankment top width was increased to 35 ft. (Design was 20 ft.) and upstream slope constructed at 3:1 (Design was 2:1).
* Spillway bottom width is 52 ft. (Design was 60 ft) and flatter side slopes.

RON C. VAN VALKENBURG
NEW MEXICO
9263
LICENSED PROFESSIONAL ENGINEER

REV NO.	DESCRIPTION	REV BY	DATE
1	SUBMITTED TO DSM FOR REVIEW	RJF	01-23-08
2	Updated Exhibit and submitted to DSM for approval	RJF	07-15-08
3	Updated Exhibit and submitted to DSM for approval	RJF	11-30-09
4			
5			

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

BHP NAVAJO COAL CO.
NAVAJO MINE

PO BOX 1717, FRUITLAND, NEW MEXICO, 87416

ACCOUNT:
DATE: DEC. 15, 2007
DESIGNED BY: Ron Van Valkenburg
DRAWN BY: PJFOSTER
CHECKED BY: Ron Van Valkenburg
APPROVED BY: Ron Van Valkenburg

PLAN AND PROFILE,

EXHIBIT 11-151
LOWE-DIXON
DIVERSION POND
AS-BUILT

DRAWING

SHEET 3 OF 4

C:\DATA\Desktop\FOR TITLE\Exhibit 11-151 LoweDixon As-Built Diversion 11-30-09\Lowe-Dix Div Pond As-Built.dwg