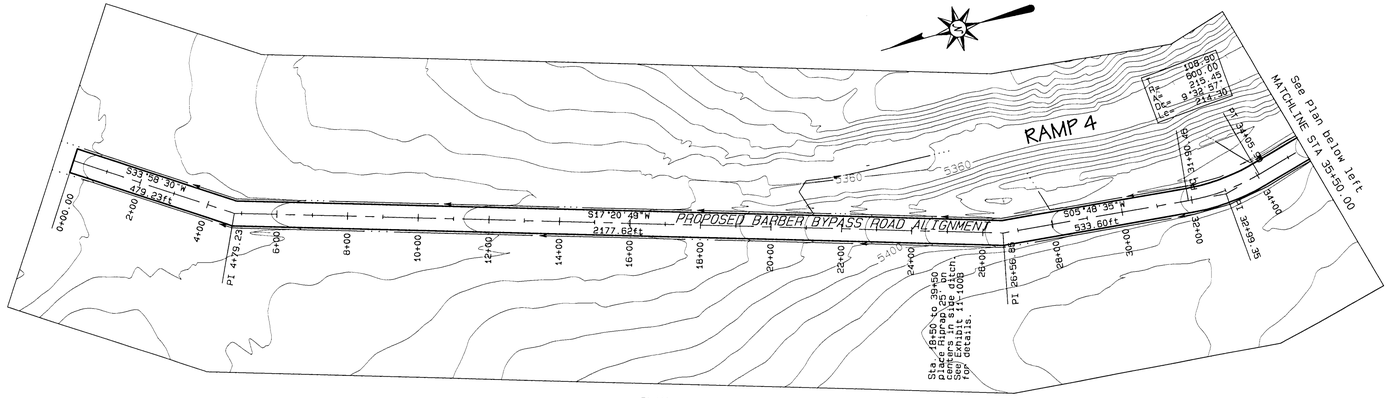
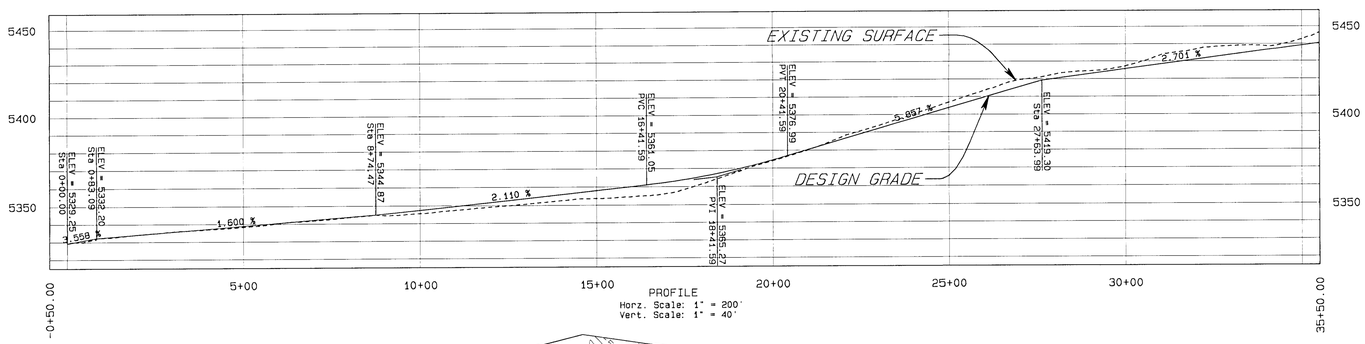
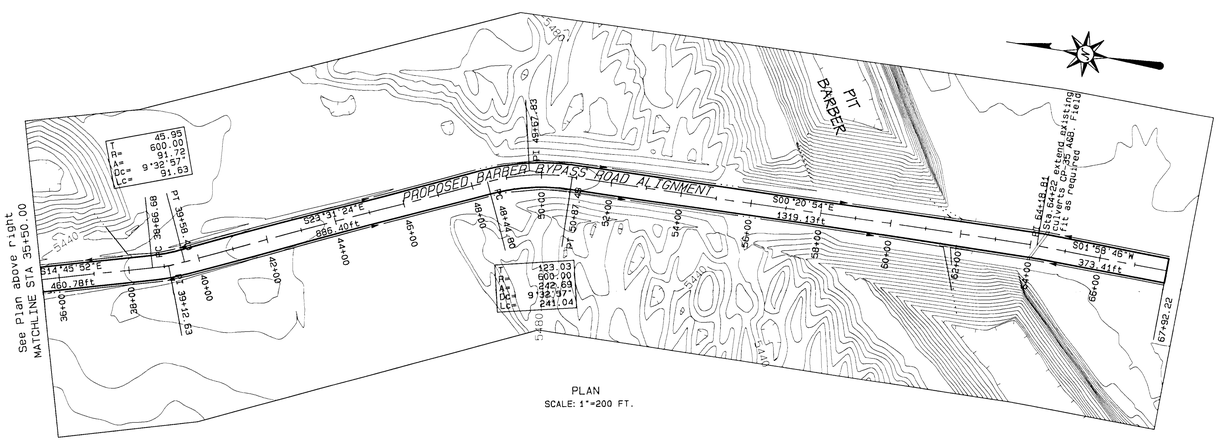


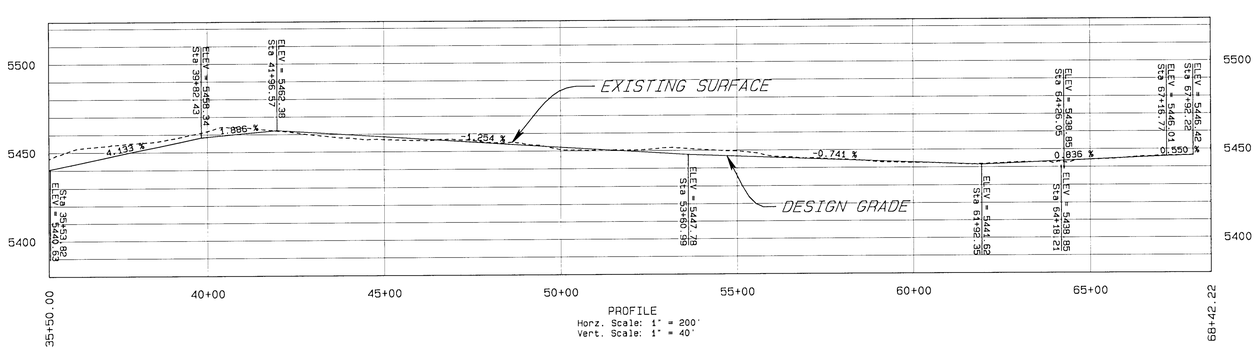
PLAN
SCALE: 1"=200 FT.



PROFILE
Horz. Scale: 1" = 200'
Vert. Scale: 1" = 40'



PLAN
SCALE: 1"=200 FT.



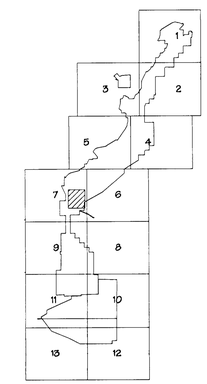
PROFILE
Horz. Scale: 1" = 200'
Vert. Scale: 1" = 40'

LEGEND

- ROAD
- WATERSHED
- BUILDING
- FENCE
- IRRIGATION LINE
- CULVERT
- DAM
- DRAINAGE
- RAILROAD
- TREES
- POWERLINE
- x5338.5 — 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-F in the approved PAP.
2. The watershed areas for culverts are shown on Exhibit 11-120.



SCALE AS NOTED

CERTIFICATION STATEMENT

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

LEONARD RAYMOND — NEW MEXICO — 6600 — REGISTERED PROFESSIONAL ENGINEER

11-22-02

REV. NO.	DESCRIPTION	REV BY	DATE
1	ISSUED FOR 70 DAY APPROVAL	KH	11-22-02
2			
4			
5			

PROJECT MANAGER: SG
ENGR. of RECORD: J.H.
REG. NO: 16600
SRVYR of RECORD:
REG. NO:

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

ACCOUNT:
DATE: NOV 22, 2002
DESIGNED BY: KH
DRAWN BY: KH
CHECKED BY: LR
APPROVED BY: LR

PLAN AND PROFILE

EXHIBIT 11-100A
BARBER BYPASS ROAD DESIGN

DRAWING

SHEET 2 OF 3

Path: J:\NOAC_DGN\11\11100\11-100\Barber Bypass Design.dgn