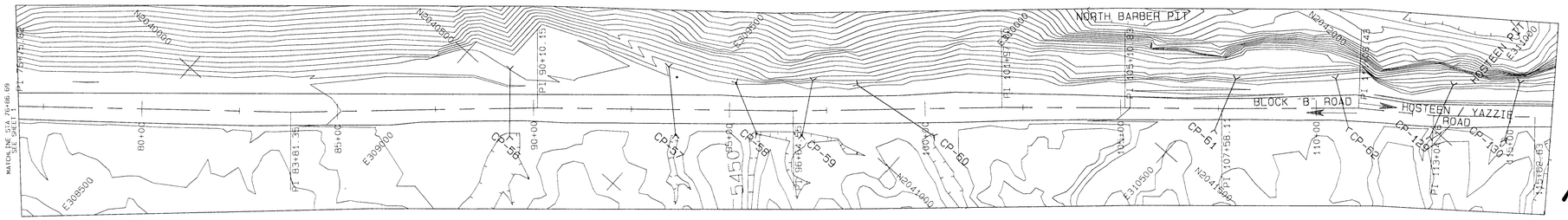
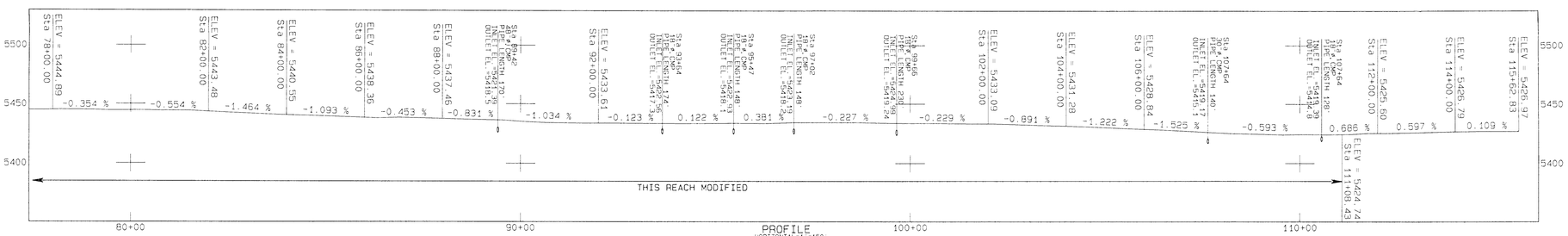
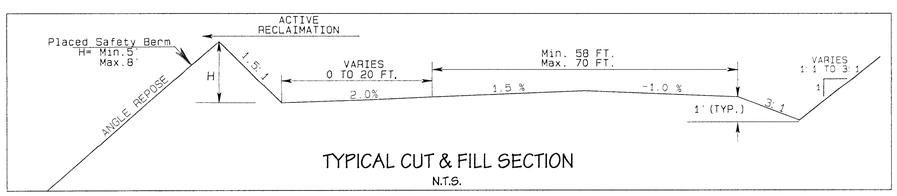


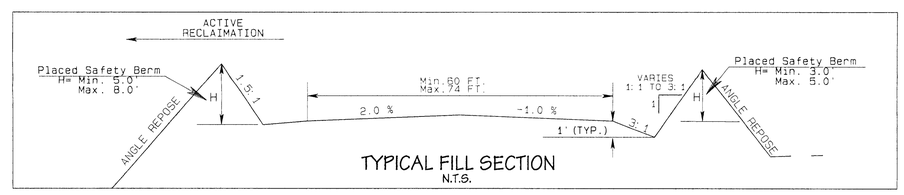
PLAN
Scale: 1" = 150'



PROFILE
HORIZONTAL=1"=150'
VERTICAL=1"=50'



TYPICAL CUT & FILL SECTION
N.T.S.



TYPICAL FILL SECTION
N.T.S.

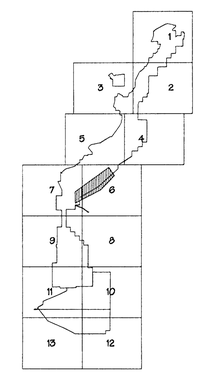
ABOVE TYPICAL SECTIONS
N.T.S

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-V 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 haulroad has been constructed in accordance with the approved design plans and that the information shown is complete and accurate to the best of my knowledge, except as noted below.

LEONARD RAYMOND NEW MEXICO 6500 REGISTERED PROFESSIONAL ENGINEER

4-21-06

4-17-06

1. Culverts CP-53A and CP-55A were not installed; the existing culverts are sufficient to pass the design flow. See the revised Sedcad runs for Culverts CP-53 and CP-55.
2. All the culverts were extended more than specified in the design to accommodate a higher safety berm. The Sedcad runs were updated accordingly.
3. The road modification was completed from Station 29+73 to 11+08. The modification between Station 0+00 to 29+73 will be done at a later time, under a new design submittal.

REV	DESCRIPTION	DATE
1	SUBMITTED TO OSM FOR REVIEW	04-17-06
2		
3		
4		
5		

PROJECT MANAGER: DR
ENGR. OF RECORD: LR
REG. NO. 6500
SURVEY OF RECORD:
REG. NO.

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

PLAN, PROFILE AND SECTION

ACCOUNT:
DATE: 04-17-06
DESIGNED BY: RY
DRAWN BY: RY
CHECKED BY: LR
APPROVED BY: LR

EXHIBIT 11-63E
BLOCK "B" ROAD MODIFICATION
AS-BUILT

DRAWING

SHEET 3 OF 3

PATH: C:\Documents and Settings\DAVIDR\Desktop\PROJECT\11-63 Block B Road Modification\Block B road modification as-built.prp