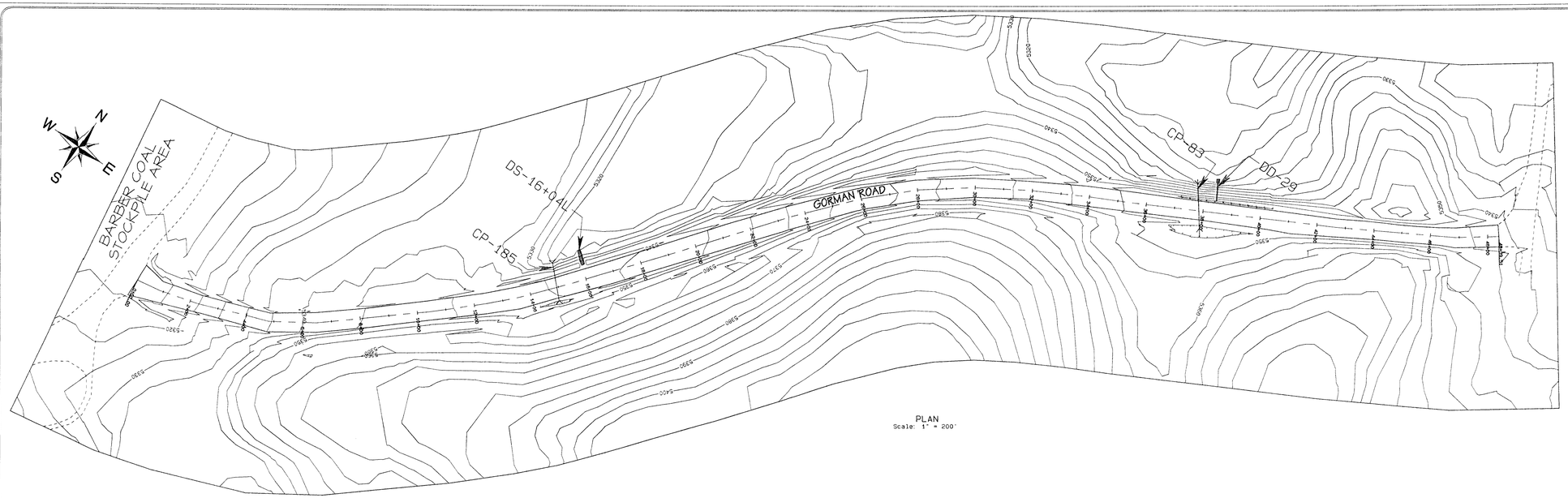
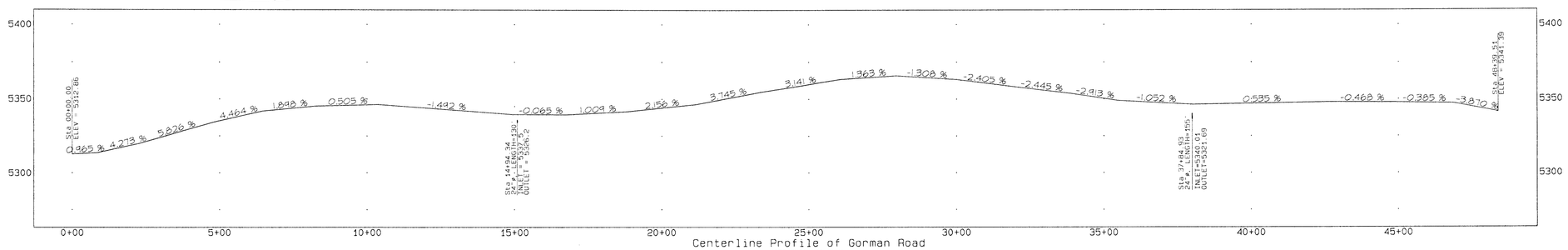


PLAN
Scale: 1" = 200'



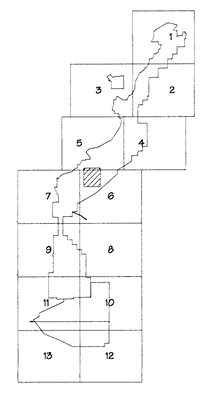
Centerline Profile of Gorman Road
HORIZONTAL=1"=200'
VERTICAL=1"=40'

LEGEND

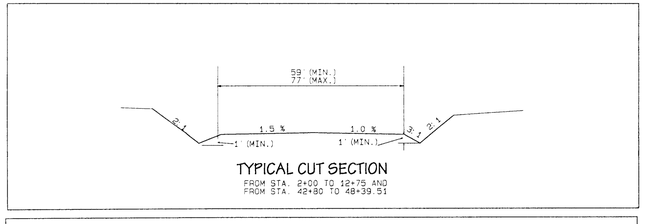
- ROAD
- WATERSHED
- BUILDING
- FENCE
- IRRIGATION LINE
- CULVERT
- DAM
- DRAINAGE
- RAILROAD
- TREES
- POWERLINE
- ×5338.5 SPOT ELEVATION
- 5300 INDEX CONTOUR
- 5298 INTERMEDIATE CONTOUR
- 218 5422.45
- L-30 LEASE CORNER
- PERMIT/LEASE BOUNDARY

NOTES

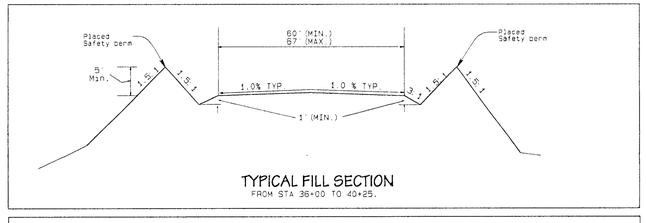
1. For hydrology and design information refer to Appendix 11-V in the approved PAP.
2. The watershed areas for culverts are shown on Exhibit 11-12C.
3. The hydrology data and design for drop structure DS-16+04L is in Appendix 11-Z.



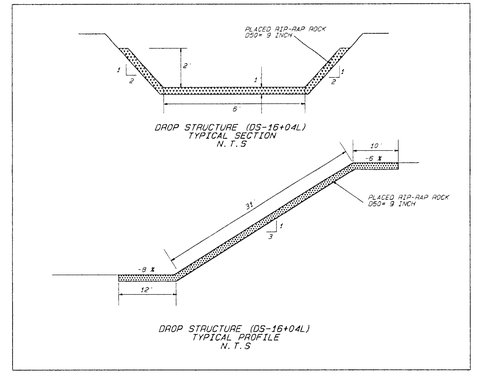
SCALE AS NOTED

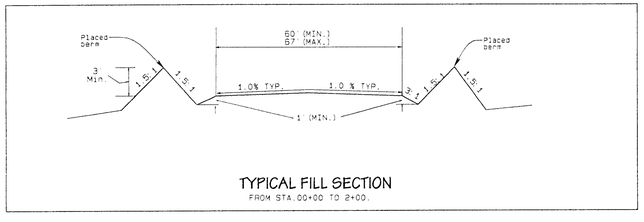


TYPICAL CUT SECTION
FROM STA. 2+00 TO 12+75 AND
FROM STA. 42+80 TO 48+39.51

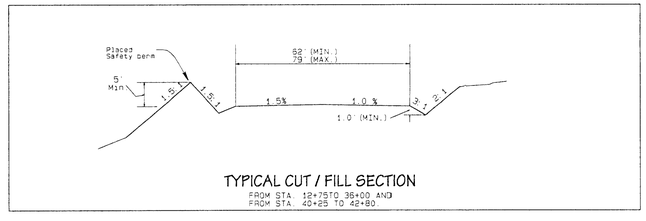


TYPICAL FILL SECTION
FROM STA 36+00 TO 40+25.

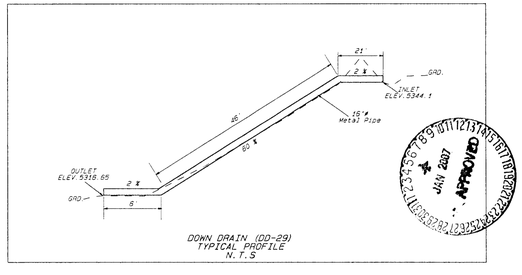




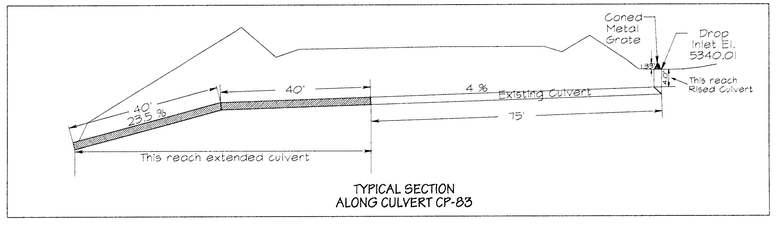
TYPICAL FILL SECTION
FROM STA.00+00 TO 2+00.



TYPICAL CUT / FILL SECTION
FROM STA. 12+75TO 36+00 AND
FROM STA. 40+25 TO 42+80.



DOWN DRAIN (DD-29)
TYPICAL PROFILE
N.T.S



TYPICAL SECTION
ALONG CULVERT CP-83

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 6600 REGISTERED PROFESSIONAL ENGINEER

12-04-06

1. The road was widened to a minimum of 60' and up to a maximum of 80' wide.
2. Added culvert CP-185.
3. Added down drains DD-29 and DS-16+04L.
4. The jurisdictional land status were effected at approximately stations 16+00 and 38+50.

The appropiate exhibits were updated accordingly.

APPROVED JAN 2007

REV NO.	DESCRIPTION	REV BY	DATE
1	SUBMITTED TO OSM FOR REVIEW		8-11-05
2	ADDITIONAL CHANGES FOR CP-83 area	RY	11-01-05
3	Changed slope grade, DD-29.	RY	01-26-06
4	Added CP-83 inlet modification	RY	12-04-06
5			

PROJECT MANAGER: DH
ENGR. of RECORD: LR
REG. NO. 6600
SRVYR of RECORD:
REG. NO.

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

ACCOUNT:
DATE: 8-11-05
DESIGNED BY: RY
DRAWN BY: RY
CHECKED BY: LR
APPROVED BY: LR

PLAN, PROFILE AND SECTION

EXHIBIT 11-87A
GORMAN ROAD
AS-BUILT

DRAWING

SHEET 1 OF 1

PATH: G:\Departments\GIS\OSM_SUBMITTED\PROJ\CP-11_PAP EXHIBITS\11-87 Gorman Road\Gorman Road_As_Built.dwg