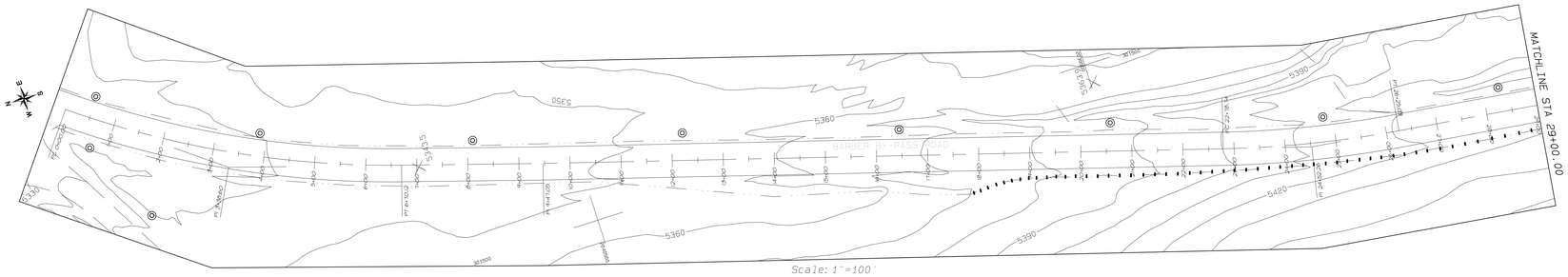
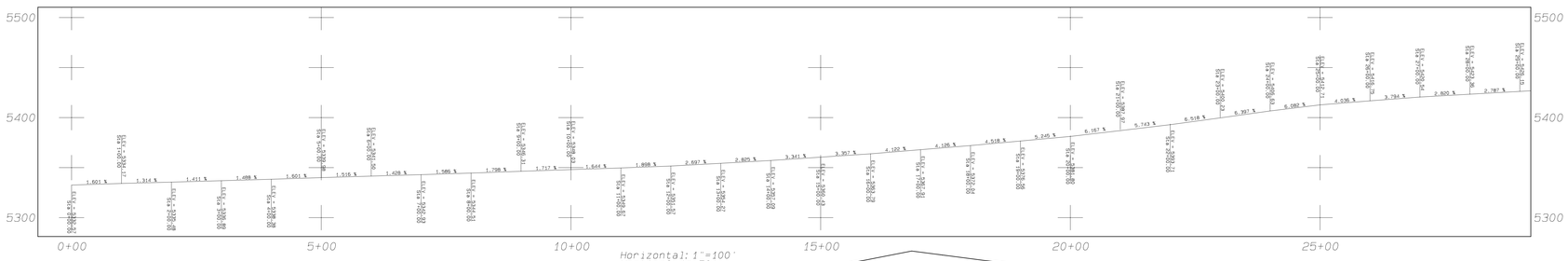
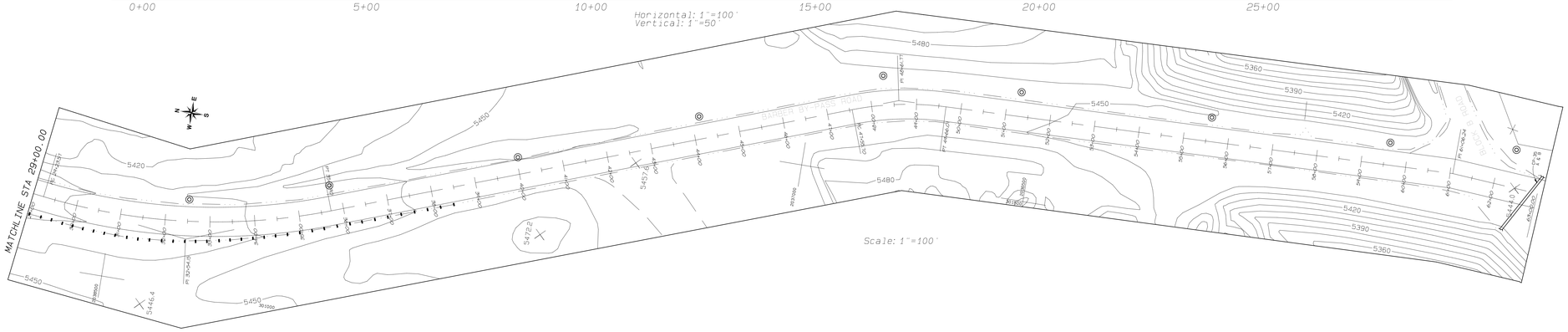
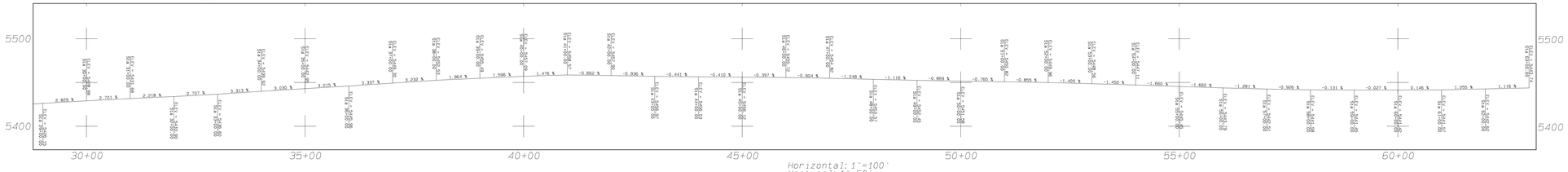






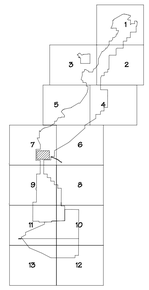


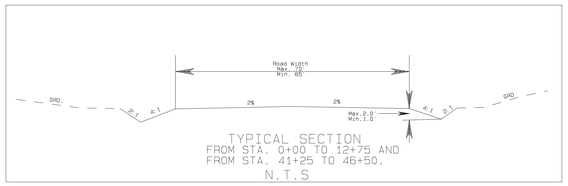
LEGEND

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

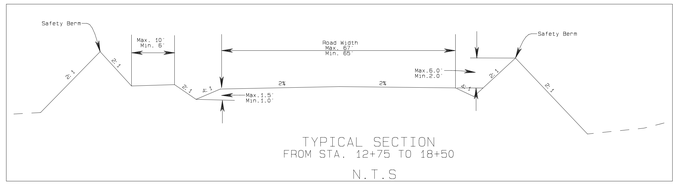
NOTES

1. For hydrology and design information refer to Appendix II-F in the approved PAP.

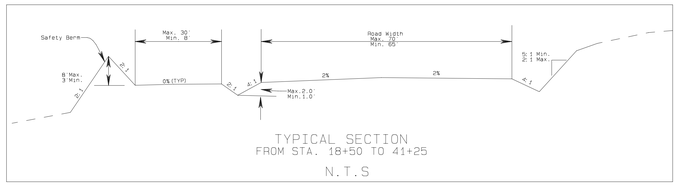




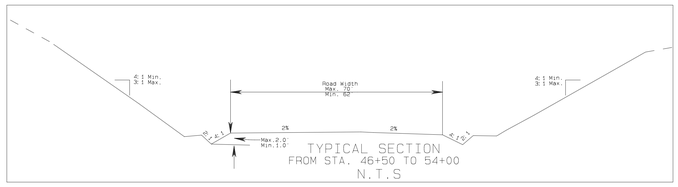
TYPICAL SECTION
FROM STA. 0+00 TO 12+75 AND
FROM STA. 41+25 TO 46+50.
N.T.S



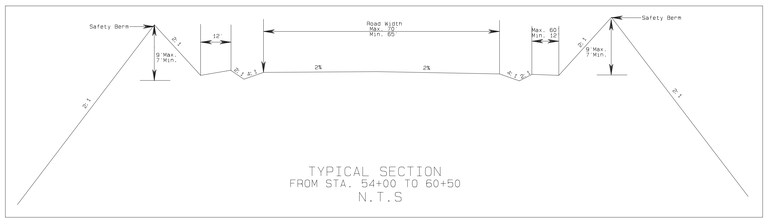
TYPICAL SECTION
FROM STA. 12+75 TO 18+50
N.T.S



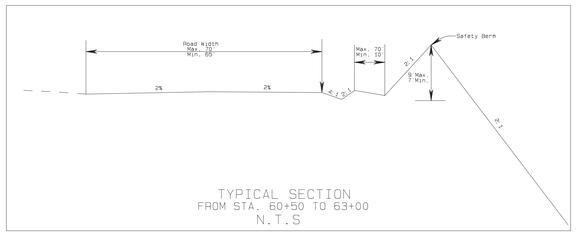
TYPICAL SECTION
FROM STA. 18+50 TO 41+25
N.T.S



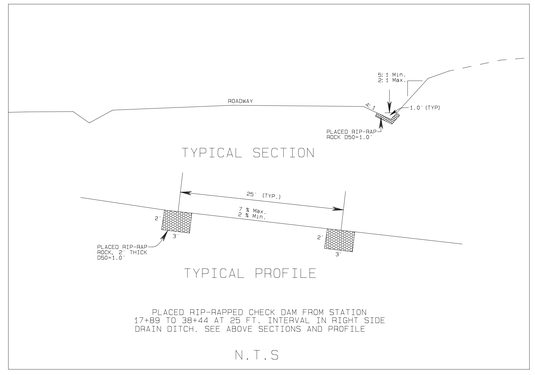
TYPICAL SECTION
FROM STA. 46+50 TO 54+00
N.T.S



TYPICAL SECTION
FROM STA. 54+00 TO 60+50
N.T.S



TYPICAL SECTION
FROM STA. 60+50 TO 63+00
N.T.S



PLACED RIP-RAPPED CHECK DAM FROM STATION
17+89 TO 38+44 AT 25 FT. INTERVAL IN RIGHT SIDE
DRAIN DITCH. SEE ABOVE SECTIONS AND PROFILE

N.T.S

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.

LEONARD RAYMOND
NEW MEXICO
16600
REGISTERED PROFESSIONAL ENGINEER

REV. No.	DATE	DRAFT. BY	REVISION DESCRIPTION	ENG.	E.G.	P.E.	P.G.	CHIEF ENG.
A	10/26/03	RY	AS-BUILT, SUBMITTED TO OSM FOR REVIEW		MC	LR	DR	

APPROVALS

EXHIBIT 11-100C

NAVAJO COAL COMPANY

NAVAJO MINE — SAFETY PAYS

P.O. BOX 155 FRUITLAND, NEW MEXICO 87416

BARBER BY-PASS ROAD AS-BUILT

PREPARED BY RY	DRAWN BY RY	SCALE AS NOTED
APPROVED BY LR	DATE 10/26/03	REF DWG
DWG LOC	\\ENGWEB\PW-DRIVE\Data\Departments\Ab-OSM_BLUBAY\PER_PMDD\Ch_11_PAP Ch\EXH11B\11-100-BARBER BY-PASS-D\EXH11B\11-Barber	