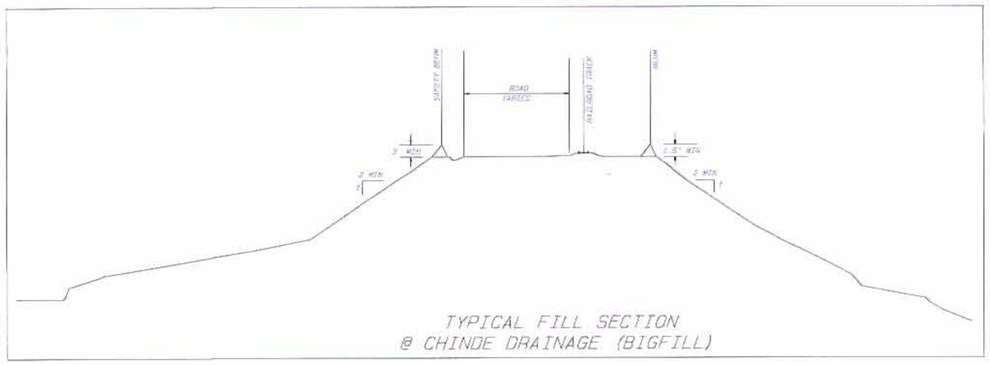
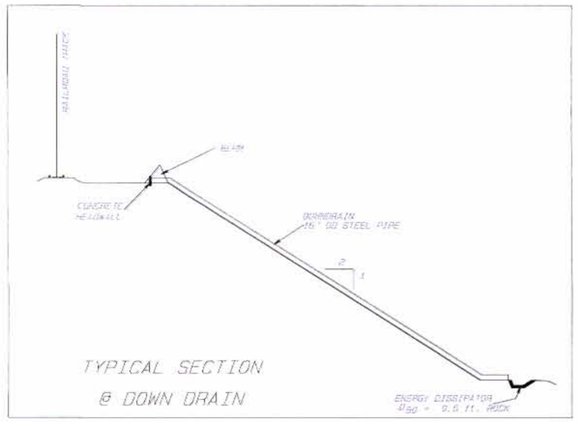
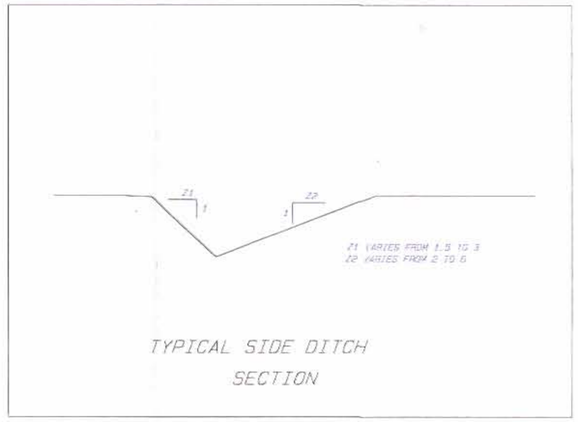


TYPICAL FILL SECTION
@ CHINDE DRAINAGE (BIGFILL)

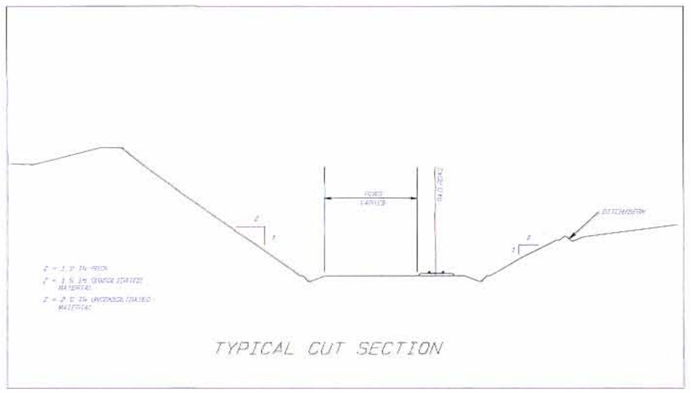


TYPICAL SECTION
@ DOWN DRAIN

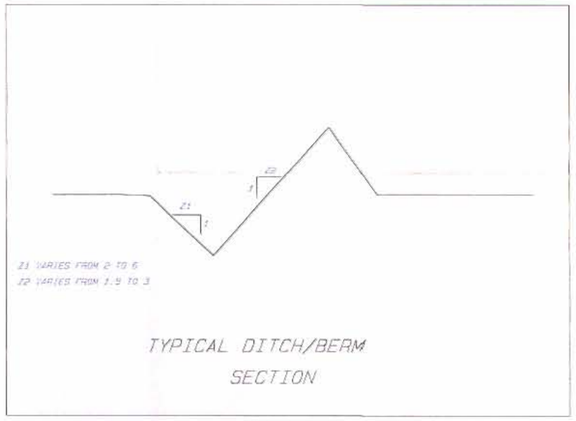


TYPICAL SIDE DITCH
SECTION

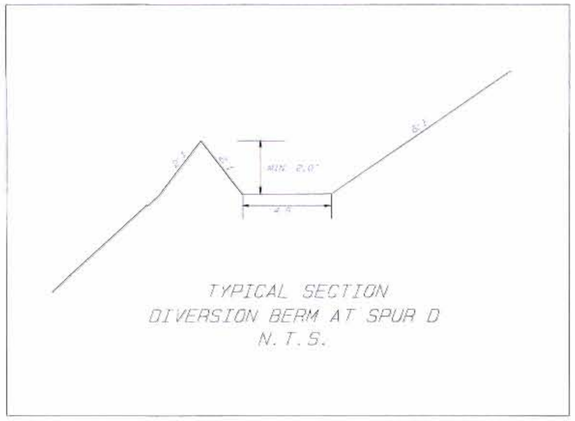
TYPICAL FILL SECTION



TYPICAL CUT SECTION



TYPICAL DITCH/BERM
SECTION



TYPICAL SECTION
DIVERSION BERM AT SPUR D
N.T.S.

CERTIFICATION STATEMENT

I, Leonard Raymond, hereby certify that the erosion and drainage control structures has been constructed in accordance with the approved design plans, except as noted below.

NOTES:
1. FOR DEVIATIONS FROM THE DESIGN REFER TO THE NOTES BENEATH THE CERTIFICATION STATEMENT AND THE NOTES ADDED TO THE SEDIMENT/DRAINAGE CONTROL STRUCTURE SCHEDULE ON EXHIBIT 11-14T.

LEONARD RAYMOND NEW MEXICO 6600 REGISTERED PROFESSIONAL ENGINEER

1-6-06

PERMIT COPY
NM-0003-F

REVISION	DATE
1 AS-BUILT	1-01-06
2	
3	
4	
5	

PROJECT MANAGER: COREY NELSON
ENGR. of RECORD: L. RAYMOND
REG. NO. 6600
DRWN BY: SPWR of RECORD
REG. NO.

BHP-NAVAJO COAL CO.
HC 65X 195, FRUITLAND, NEW MEXICO, 87416

ACCOUNT:
DATE: JAN. 01, 2001
DESIGNED BY: PHIZZIC
DRAWN BY: LEONARD RAYMOND
CHECKED BY: LEONARD RAYMOND
APPROVED BY: LEONARD RAYMOND

SECTION VIEW

EXHIBIT 11-14S
NAVAJO MINE RAILROAD
EROSION AND DRAINAGE CONTROL STRUCTURES
AS-BUILT

DRAWING 5-1

SHEET 1 OF 2

G:\Laser Inertia\BHP\Navajo\Exhibits\11-14 Exhibits\11-14S SECMT CHRTS.AS-Built.1-05-06.prt Plot time:
Fri Jan 06 10:47:07 2006