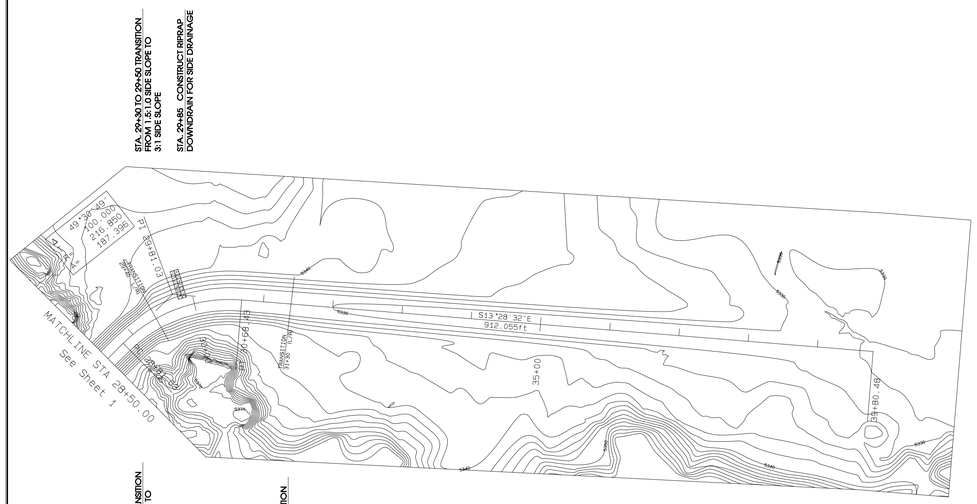
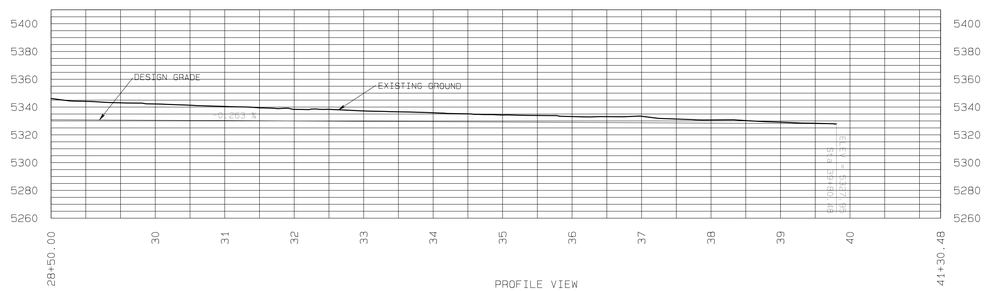


PLAN VIEW

Horz. Scale: 1" = 100'



PROFILE VIEW

Vert. Scale: 1" = 50'

NOTE :

1. FOR SUPPORTING DESIGN DATA REFER TO APPENDIX 11-~~QQ~~ IN THE PAP.

2. THE PLACEMENT OF THE EXCESS CUT MATERIAL OR WASTE IS NOT SHOWN IN THE PLAN VIEW. IT WILL BE PLACED ALONG THE WEST BANK OF THE DIVERSION CHANNEL. DURING THE REMOVAL AND RECLAMATION OF THE DIVERSION THE EXCESS CUT MATERIAL WILL BE USED TO BACKFILL THE DIVERSION. REFER TO THE TYPICAL SECTIONS FOR PLACEMENT OF THE EXCESS CUT MATERIAL.

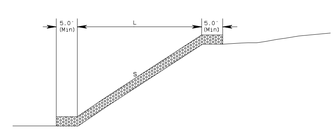
RIPRAPPED DOWNDRAIN SCHEDULE

LOCATION	L (ft)	S (%)	W (ft)	H (ft)	T (ft)	D_{50} ROCK SIZE (IN)
1+55	55	15.0	4.0	1.5	1.0	9
3+50	50	15.0	6.0	1.5	1.0	9
3+80	40	20.0	4.0	1.5	1.0	9
7+30	60	15.0	5.0	1.5	1.0	9
9+82	85	20.0	4.0	1.5	1.0	9
20+80	40	15.0	5.0	1.5	1.0	9
25+95	55	15.0	2.0	1.5	1.0	9
29+85	75	15.0	5.0	1.5	1.0	9

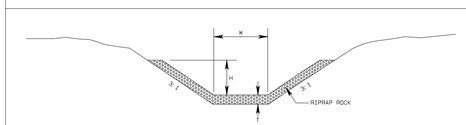
CERTIFICATION STATEMENT

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

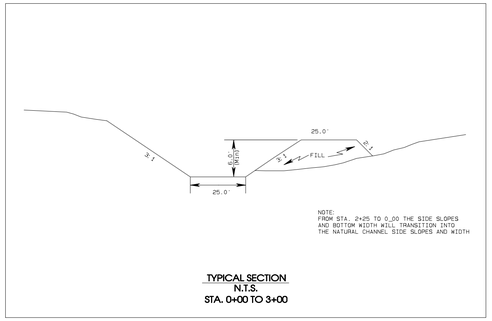
LEONARD RAYMOND
NEW MEXICO
6600
REGISTERED PROFESSIONAL ENGINEER



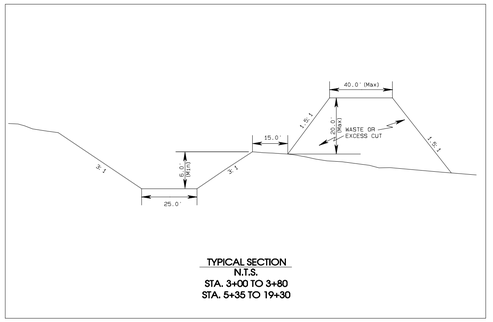
TYPICAL PROFILE
RIPRAPPED DOWNDRAIN
N.T.S.



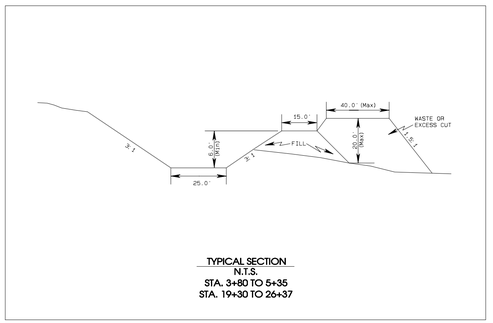
TYPICAL SECTION
RIPRAPPED DOWNDRAIN
N.T.S.



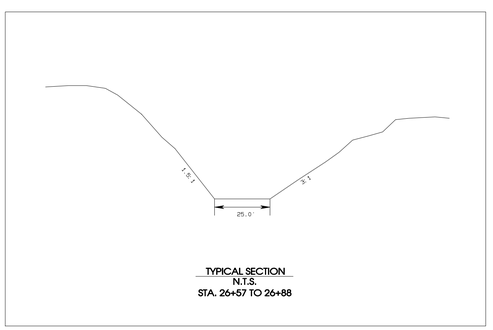
TYPICAL SECTION
N.T.S.
STA. 0+00 TO 3+00



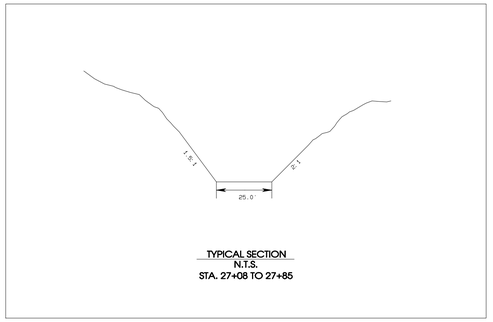
TYPICAL SECTION
N.T.S.
STA. 3+00 TO 3+80
STA. 5+35 TO 19+30



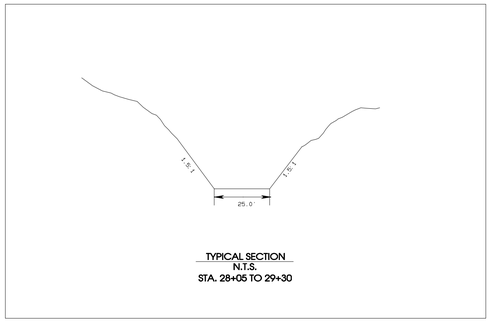
TYPICAL SECTION
N.T.S.
STA. 3+80 TO 5+35
STA. 19+30 TO 26+37



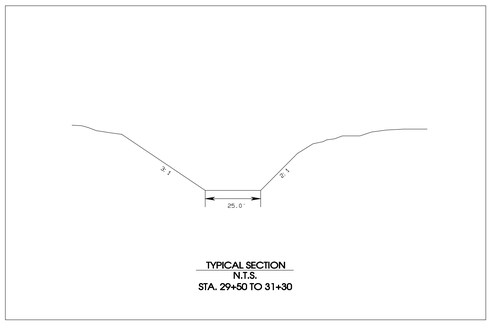
TYPICAL SECTION
N.T.S.
STA. 26+57 TO 26+88



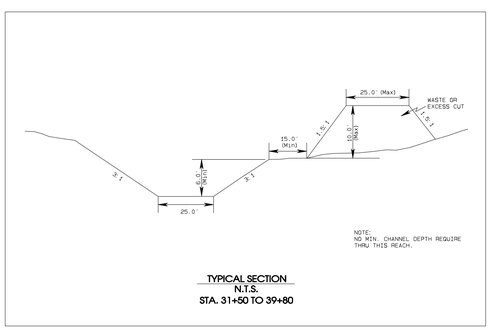
TYPICAL SECTION
N.T.S.
STA. 27+08 TO 27+85



TYPICAL SECTION
N.T.S.
STA. 28+05 TO 29+30



TYPICAL SECTION
N.T.S.
STA. 29+50 TO 31+30



TYPICAL SECTION
N.T.S.
STA. 31+50 TO 39+80

REV NO.	DESCRIPTION	REV BY	DATE
1	SUBMITTED TO DOM FOR WATER AND APPROVAL.	DMW/JDJ	2-09-01
2	SUBMITTED TO DOM FOR WATER AND APPROVAL.	DJJ	5-01-01
3			
4			
5			

PROJECT MANAGER: Cory Nelson
ENGR. of RECORD: Leonard Raymond
REG. NO. 6600
SRVYR of RECORD: W. Benally
REG. NO. 11952

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

ACCOUNT: N167S
DATE: Nov 10, 2000
DESIGNED BY: RJPOSTER
DRAWN BY: RJPOSTER
CHECKED BY: LRAYMOND
APPROVED BY: LRAYMOND

PLAN, PROFILE AND SECTIONS

EXHIBIT 11-142C
NORTH FORK DIVERSION CHANNEL

DRAWING
P/P-2

SHEET
OF 2

Path: G:\Departments\Ob\DOM_DOM\PER_PROJ\CH-11_PAP Exhibit\11-142N FORK DIV CHAN\NORTH FORK DIVExhibits\EXH_11-142B_142C.prp

RJPoster\Tue Aug 16 10:57:02 2005