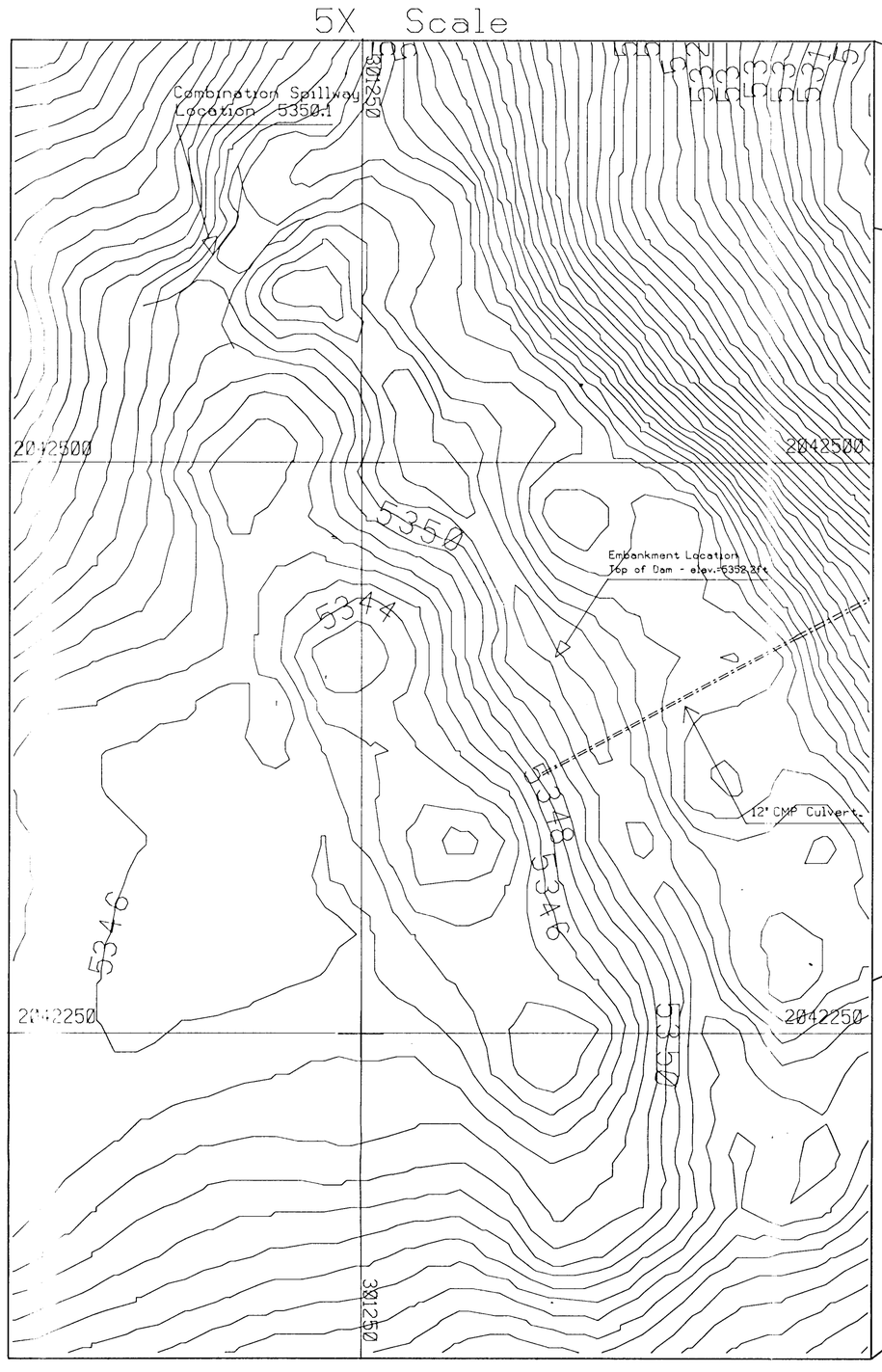
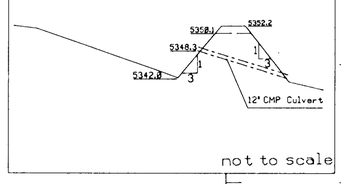


Stage-Area Data

Elevation	Area(acre)	Volume (ac.ft)
5342.0	0.00	0.00
5343.0	0.05	0.03
5344.0	0.13	0.12
5345.0	0.14	0.26
5346.0	0.82	0.74
5347.0	1.29	1.80
5348.0	1.59	3.24
5348.3	1.74	3.74

Top of Embankment Elevation 5352.2
Combination Spillway Elevation 5350.1
Bottom of Pond Elevation 5342.0
Top Width of Embankment 12.0 ft.
Down-Stream Side Slope (H:V) 3:1
Up-Stream Side Slope (H:V) 3:1
Maximum Sediment Elevation 5346.5

Combination Spillway Cross-Section



not to scale

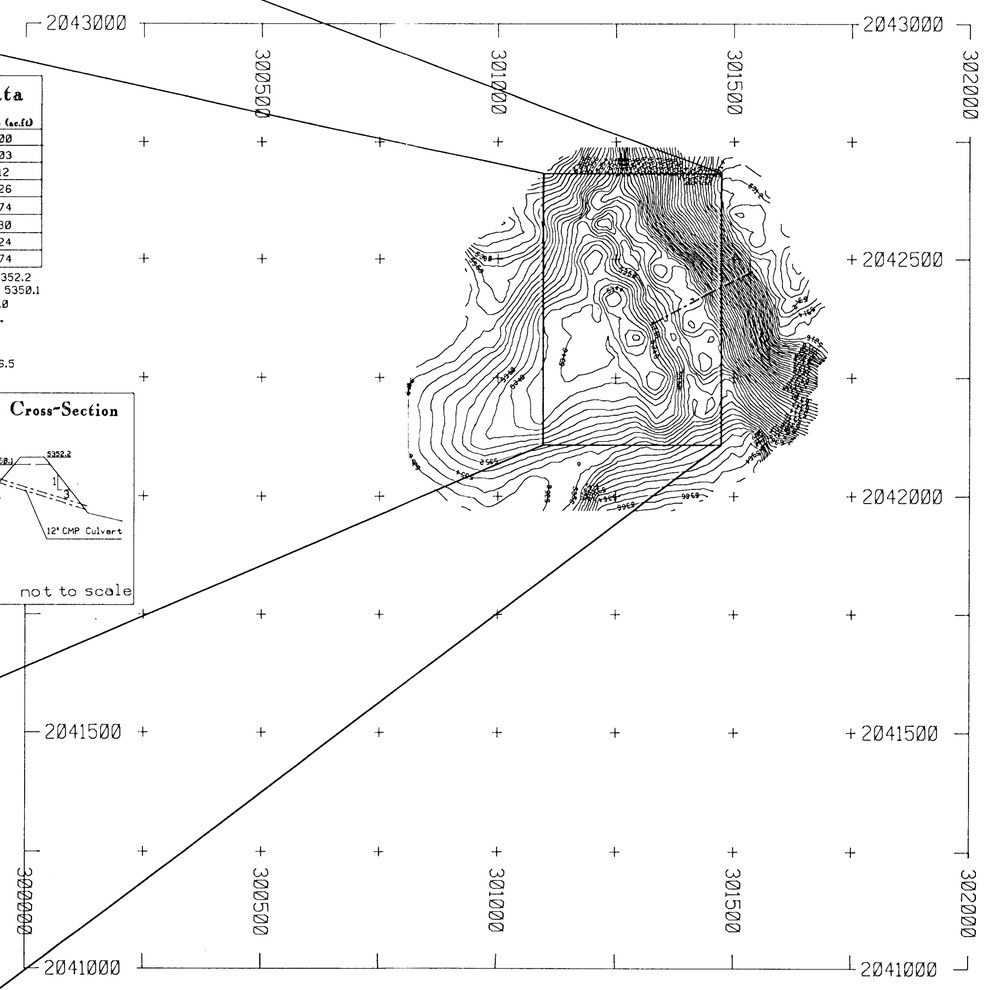


EXHIBIT 11-44

Legend

Area of Detail

Culvert

N

BHP MINERALS INTERNATIONAL INC.

NAVAJO MINE

FRUITLAND, NEW MEXICO USA

AS-BUILT
Barber Coal Stockpile
Detention Pond #3

DRAWN BY: ACCA	SCALE: 1"=200'	CONTOUR INT.: 1'
APPROVED BY:	DATE: 02/14/91	
DRAWING NO.	LOCATION NO.	

REV. NO.	DATE	REVISIONS	APPROVALS: Proj. Engineer	Professional Engineer	Chief Engineer
	02/14/91	As-Built Submittal		Rev	
1	8/24/93	CHANGE EXHIBIT NO. TO 11-44 JG.			

P.E. Stamp

/usr2/ctran/barbpd.dgn Jun. 17, 1993 10:19:07