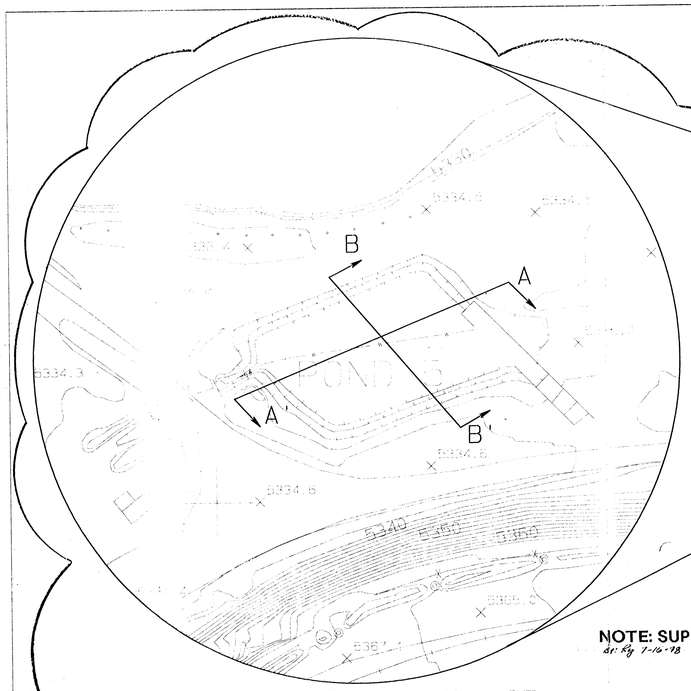
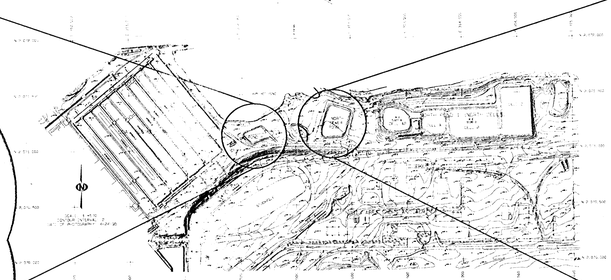


POND 5 - EXPLODED VIEW

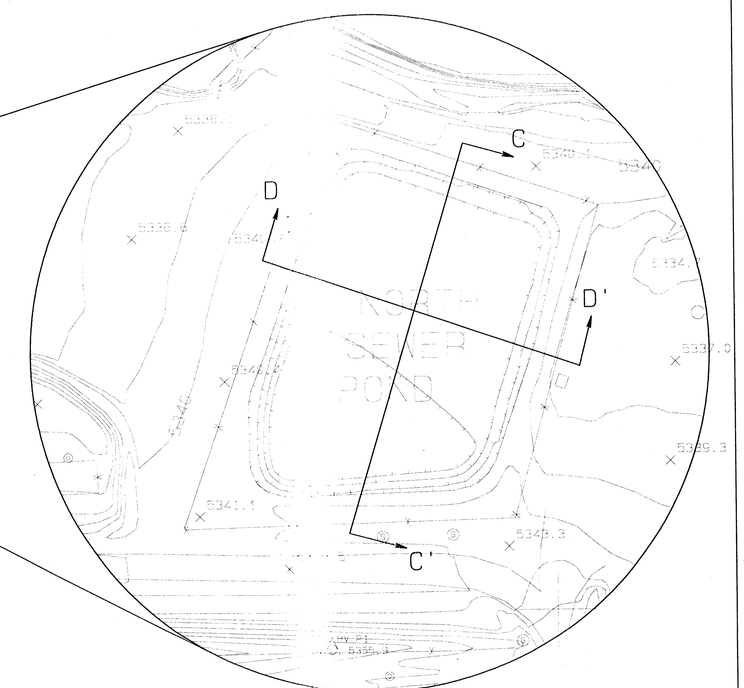
HORIZONTAL SCALE 1"=50'
0 50 100 150

NOTE: SUPERSEDED BY EXHIBIT 11-105A
dr: Rg 7-16-98



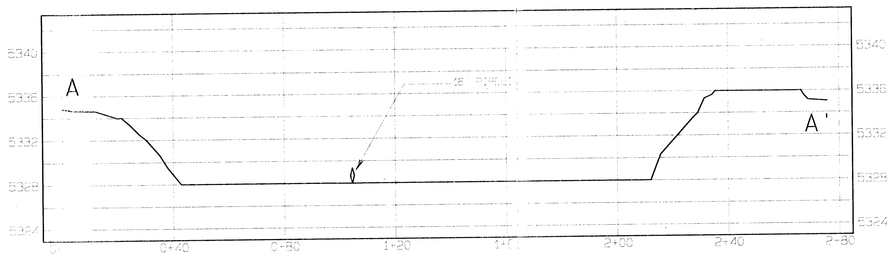
NORTH AREA FACILITIES

HORIZONTAL SCALE 1"=500'
0 500 1000 1500

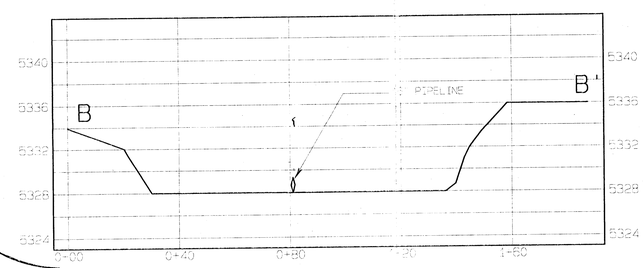


NORTH SEWER POND - EXPLODED VIEW

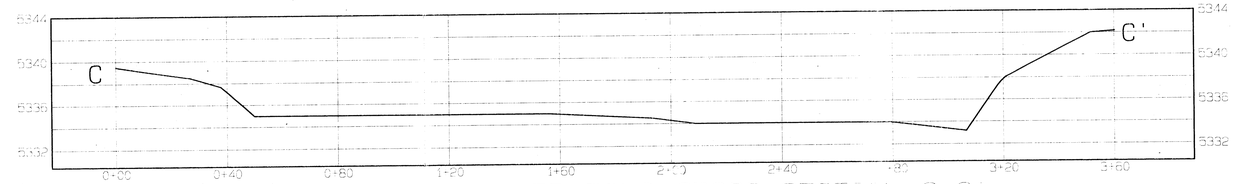
HORIZONTAL SCALE 1"=50'
0 50 100 150



POND 5 CROSS-SECTION A-A

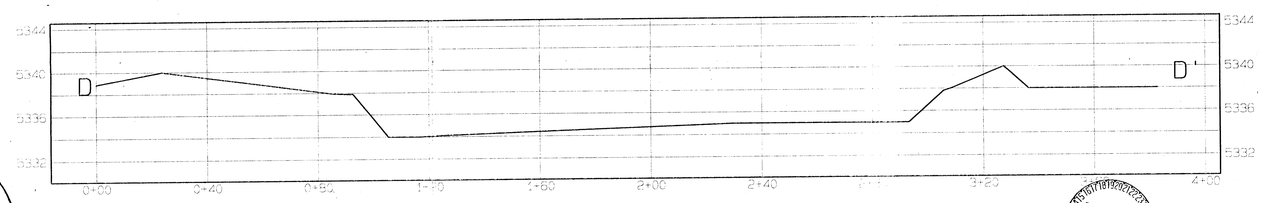


POND 5 CROSS-SECTION B-B'



NORTH SEWER POND CROSS-SECTION C-C

HORIZONTAL SCALE 1"=20'
0 20 40 60
VERTICAL SCALE 1"=5'
0 5 10 15



NORTH SEWER POND CROSS-SECTION D-D'

APPROVED
MAR 1999

LEGEND

	DEPRESSION CONTOUR
—x—x—x—	FENCE LINE
	RAILROAD
—W—W—	16" PIPELINE
x 5334.2	SPOT ELEVATION
5340	CONTOUR LABEL
◎	POLE
©	SIGN
•	POST

POND 5

STAGE (elev. ft.)	AREA (AC.)	CAPACITY (AC.-ft.)
5328.0	0.00	0.00
5329.0 (B.L. level)	0.44	0.22
5330.0	0.47	0.67
5331.0	0.50	1.15
5332.0	0.55	1.67
5333.0	0.60	2.23
5334.0 (H.W. level)	0.68	2.90
5335.0	0.77	3.82

NORTH SEWER

STAGE (elev. ft.)	AREA (AC.)	CAPACITY (AC.-ft.)
5332.5	0.00	0.00
5333.0	0.06	0.02
5334.0	0.47	0.28
5335.0	1.05	1.05
5336.0	1.32	2.23
5337.5 (B.L. level)	1.43	4.43
5340.0 (H.W. level)	1.60	8.08

STAGE-AREA-CAPACITY TABLES

Note: H.W. level = high water level
B.L. level = "blueline" level

CERTIFICATION STATEMENT

I, Leonard Raymond, hereby certify that this impoundment 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
6600
REGISTERED PROFESSIONAL ENGINEER
2-3-99

REV. NO.	DATE	DRAWN BY	REVISION DESCRIPTION	ENG.	P.E.	P.B.	SUPV. ENG.
C	1-99	PJP	Deleted Pond 5 from the Title Block.				
B	7-23-98	KF	CREATED NEW AS BUILT FOR POND 5 ON EXHIBIT 11-105A				
A	11-28-95	DJR	SUBMITTED TO DSM FOR APPROVAL				

EXHIBIT 11-105

BHP MINERALS INTERNATIONAL INC.
NAVAJO MINE
P.O. BOX 159 FRUITLAND, NEW MEXICO 87416

NORTH SEWER POND AS-BUILT

PREPARED BY DJR	DRAWN BY DJR	SCALE AS NOTED	
APPROVED BY	DATE 11-28-95	DWG. LOC.	
DWG. NO.	REF. DWG.		