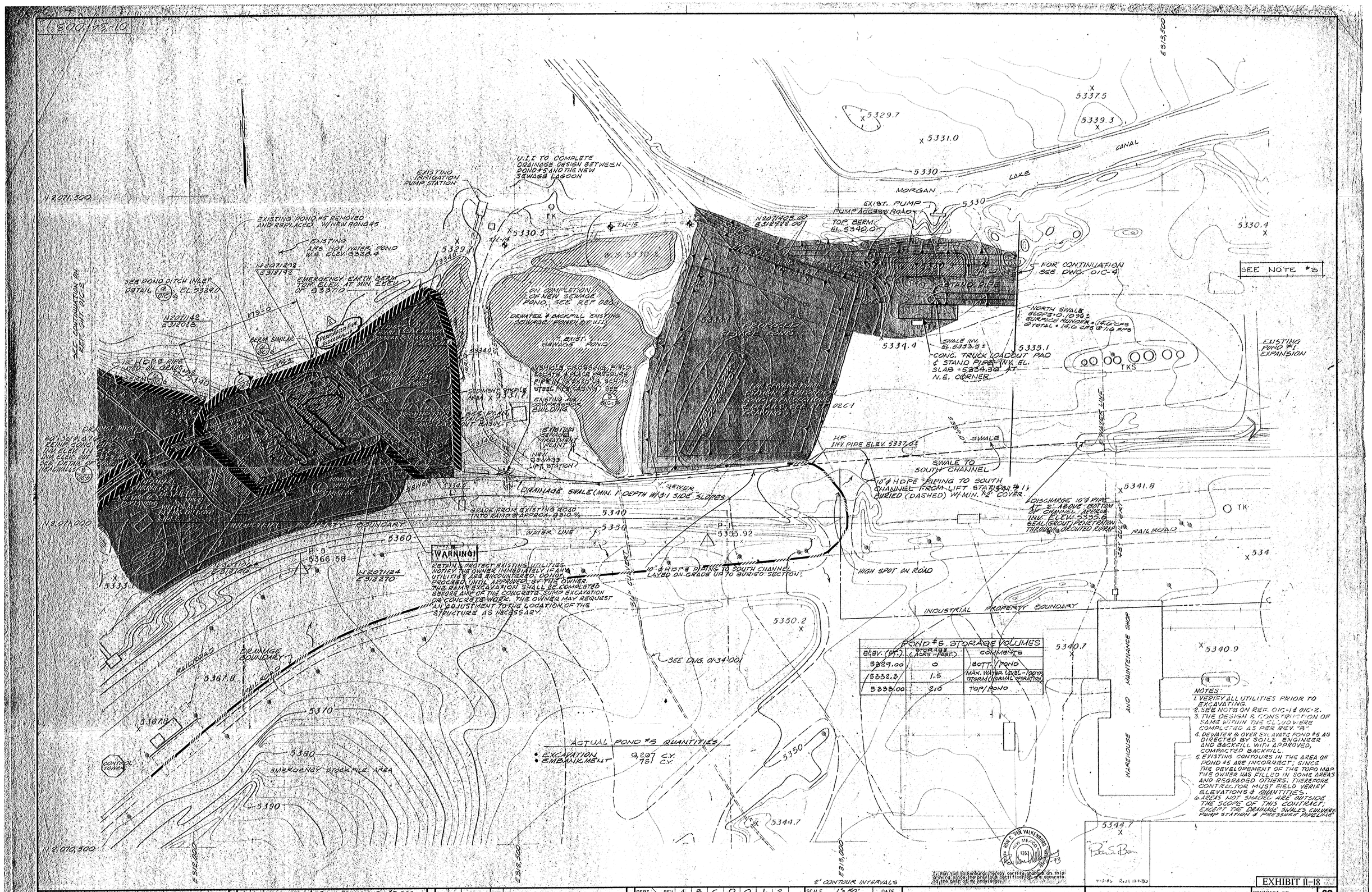

POND #5 STORAGE VOLUMES		
ELEV. (FT.)	STORAGE (ACRE-FEET)	COMMENTS
5329.00	0	BOTT./POND
5332.3	1.5	MAX. WATER LEVEL - 100 YR STORM (NORMAL OPERATION)
5338.00	2.6	TOP/POND

ACTUAL POND #5 QUANTITIES

- EXCAVATION 9,207 C.Y.
- EMBANKMENT 781 C.Y.

NOTES:

1. VERIFY ALL UTILITIES PRIOR TO EXCAVATING.
2. SEE NOTES ON REF. 01C-1 & 01C-2.
3. THE DESIGN & CONSTRUCTION OF SAME WITHIN THE CLD WERE COMPLETED AS PER REV. 1B.
4. DEWATER & OVER EXCAVATE POND #5 AS DIRECTED BY SOILS ENGINEER AND BACKFILL WITH APPROVED, COMPACTED BACKFILL.
5. EXISTING CONTOURS IN THE AREA OF POND #5 ARE INCORRECT; SINCE THE DEVELOPEMENT OF THE TOPO MAP THE OWNER HAS FILLED IN SOME AREAS AND REGRADED OTHERS; THEREFORE CONTRACTOR MUST FIELD VERIFY ELEVATIONS & QUANTITIES.
6. AREAS NOT SHADED ARE OUTSIDE THE SCOPE OF THIS CONTRACT, EXCEPT THE DRAINAGE SWALES, CULVERTS, PUMP STATION & PRESSURE PIPELINE.

REFERENCE DWGS. DRAWING NO.	TITLE
01-34-000	CONT. STOCKPILE RUNOFF CONTROL PLAN
01-34-001	01C-1 LAYOUT
01-34-002	01C-2 MISC. CIVIL DETAILS
01-34-003	01C-3 MISC. STRUCTURAL DETAILS
01-34-004	01C-4 MISC. STRUCTURAL DETAILS
02-34-001	S.A. & MECHANICAL FOR LIFT STA. 1 & 2, 3 & 4
03-34-001	SANITARY SEWAGE TREATMT. POND PUMP PL.
01-34-002	01C-3 PLOT, GRADING & DRAINAGE PL. SHT. 1 OF 1

REVISIONS NO.	BY	DATE	CKD	DESCRIPTION
E	MW	11-3-86	PB	AS BUILT REVISION, BUL #D-008
F	JB	10-13-86	PB	AS BUILT, BUL. #D-007
G	DL	4-07-86	PB	FOR CONSTRUCTION, BUL-D-001
D	DL	2/13/86	MW	FOR BIDS ONLY TL-#022
C	DL	2-6-86	MW	OWNERS APPROVAL POND #5 TL-021
B	KD	9-17-85	MW	ISSUE FOR AS-BUILTS FOLLOWING OWNER REVIEW & REV. OF N. SWALE
A	KD	9-11-85	MW	FOR OWNER APPROVAL & AS BUILTS FOR AREA NOT MARKED HOLD BASIS

REVISIONS NO.	BY	DATE	CKD	DESCRIPTION
3	JG	8/20/93		CHANGE EXHIBIT NO. TO II-18 AND CHANGE CO. NAME

APPROVALS DEPT / REV	A	B	C	D	0	1	2
ARCH							
CIV/STRL	MW	MW	MW	MW	PB	PB	KD
MECH					JVM	JG	
ELECT					JMC	JMC	
INSTM					MR	MR	
PIPING					JVM	JG	
SAFETY							
MINING							
DEPT MGR							
PROJECT							

SCALE 1" = 50'	DATE
DRAWN BY R. JEWELL	JULY '85
DESIGNED BY P.S. BAIR	JULY '86
CHECKED BY M. THORNE	SEPT '85

CLIENT APPROVALS REV	BY	DATE
2	Bonge	11/3/86
D	Bair	2/13/86
C	Bair	4/7/86
1	Bair	10/10/86

MORRISON-KNUDSEN ENGINEERS, INC.
A MORRISON-KNUDSEN COMPANY

NAVAJO MINE PROJECT - AREA I
FRUITLAND, NEW MEXICO
BHP MINERALS INTERNATIONAL

DRAWING TITLE
PHASE 2
WASTEWATER COLLECTION/TREATMENT
PLOT, GRADING & DRAINAGE PLAN
SHEET NO. 3

EXHIBIT II-18

CONTRACT NO.	
1724-30	30 x 42
DRAWING NO. 01-34-003	
REFERENCE NO. 01C-3	REV 2