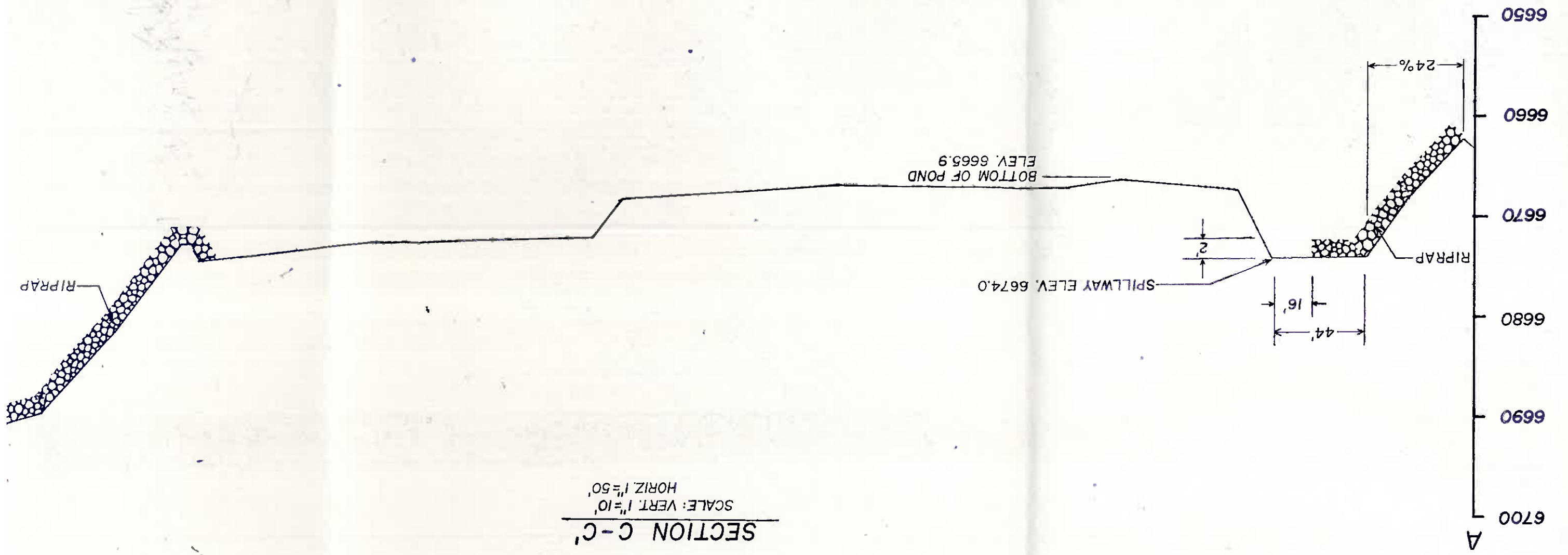
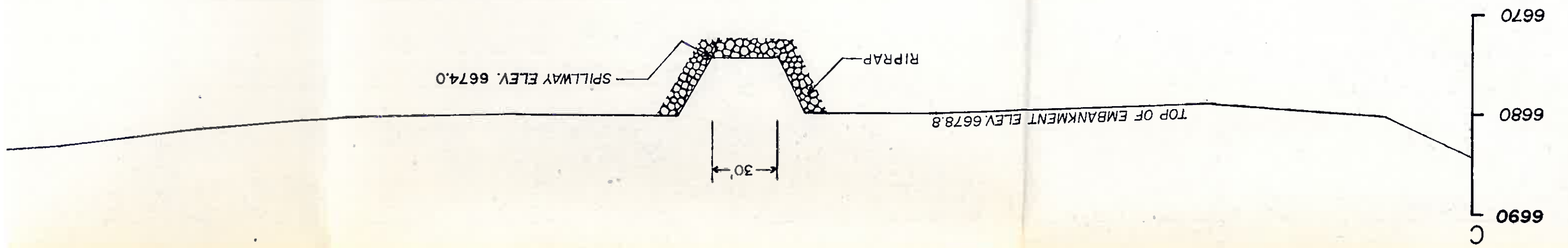


SECTION A-A'
 SCALE: VERT. 1"=10'
 HORIZ. 1"=50'

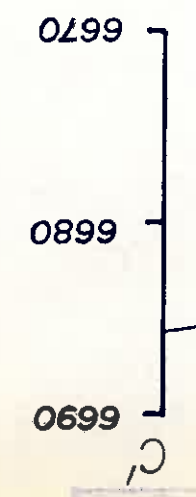
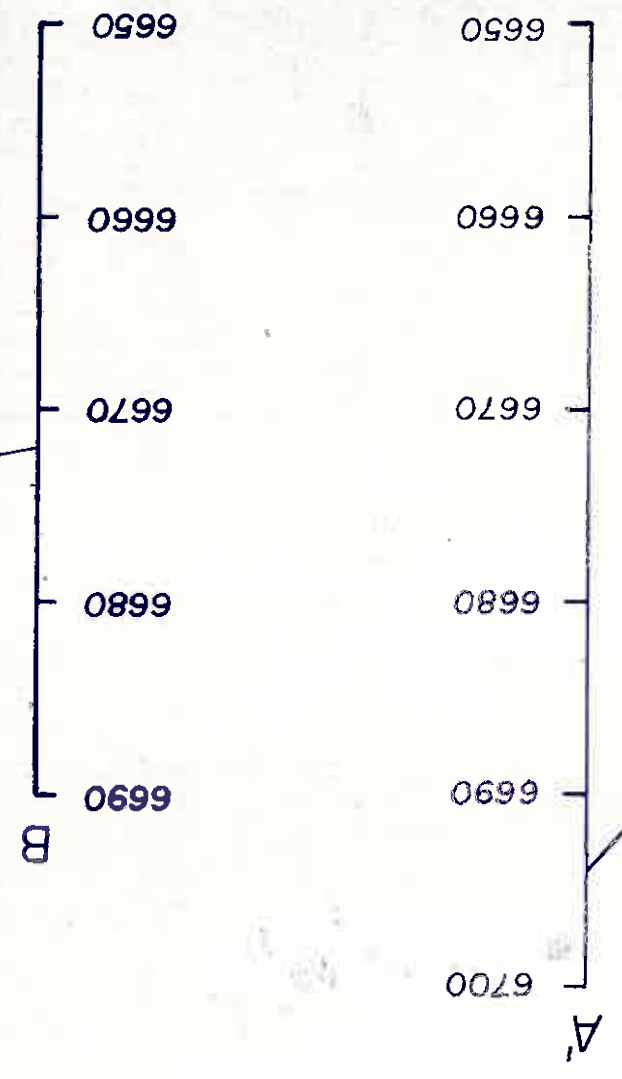
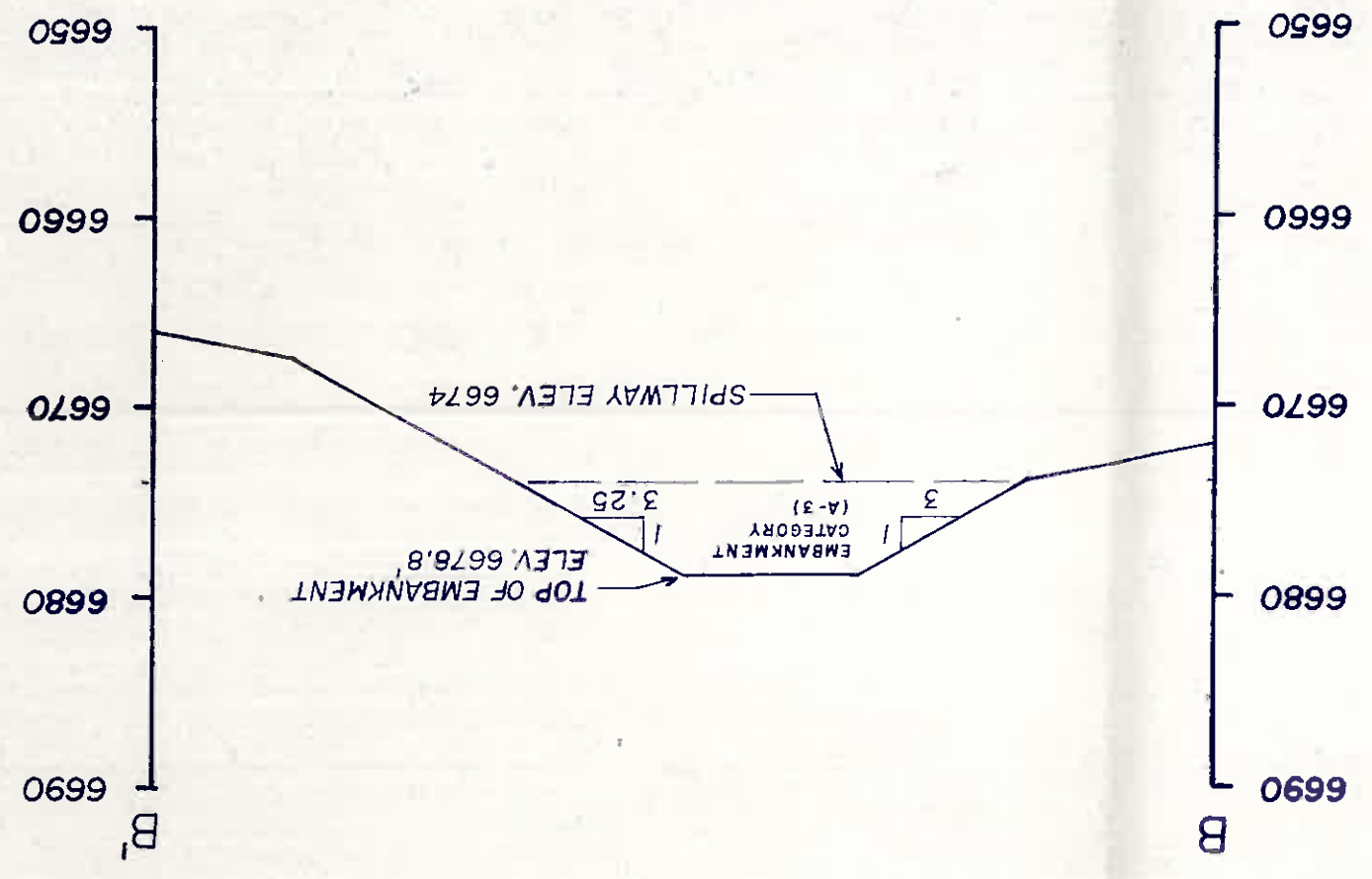


SECTION C-C'
 SCALE: VERT. 1"=10'
 HORIZ. 1"=50'



REVIS	
DATE	
SCALE	

SECTION B-B'
 SCALE: VERT. 1"=10'
 HORIZ. 1"=20'



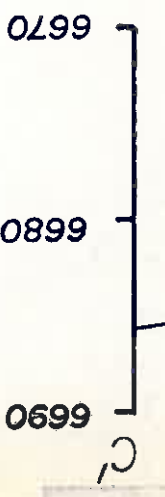
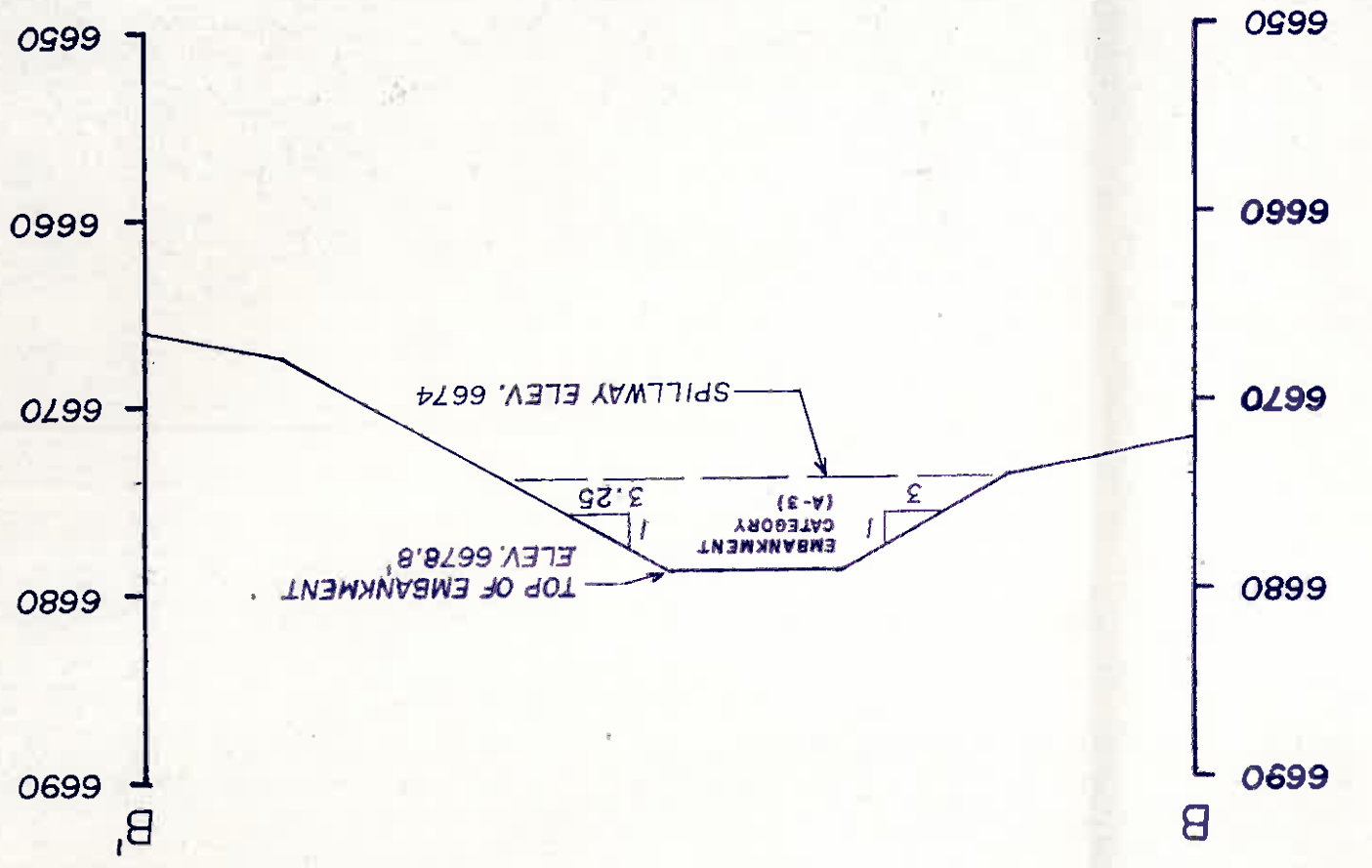
I certify this Siltation Study with the approved mining permit herein accurately describes of my and belief.

Professional Engineer
 JAMES SCHLENDORF
 18782
 CERTIFICATE NO. 18782
 State of Arizona, U.S.A.

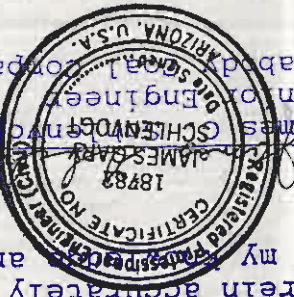
James Schleendorf
 Senior Engineer
 Peabody Energy Company

REVISION:		APPROVED BY: J.G.S.
DATE: 6/5/89	DRAWING NO:	
SCALE: AS SHOWN	DRAWN BY: C.C.H.	
N8-B POND (AS-BUILT)		
PEABODY GOAL COMPANY BLACK MESA - KAYENTA MINE 1300 SOUTH YALE FLAGSTAFF, AZ. 86001		

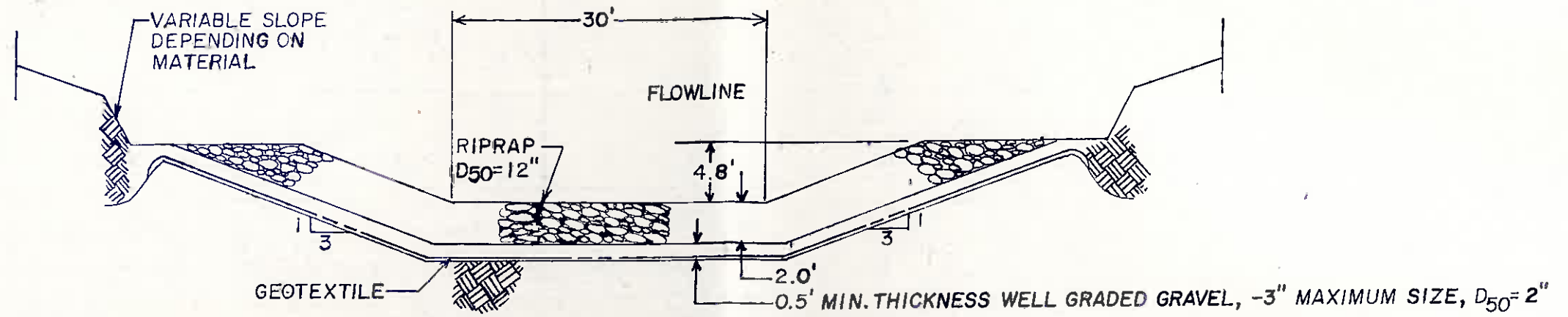
SECTION B-B'
SCALE: VERT. 1"=10'
HORIZ. 1"=20'



I certify this Siltation Structure was constructed in accordance with the approved mining permit and that the information contained herein accurately describes the constructed structure to the best of my knowledge and belief.



Arizona P.E. #18782
Date: SEP 07 1989

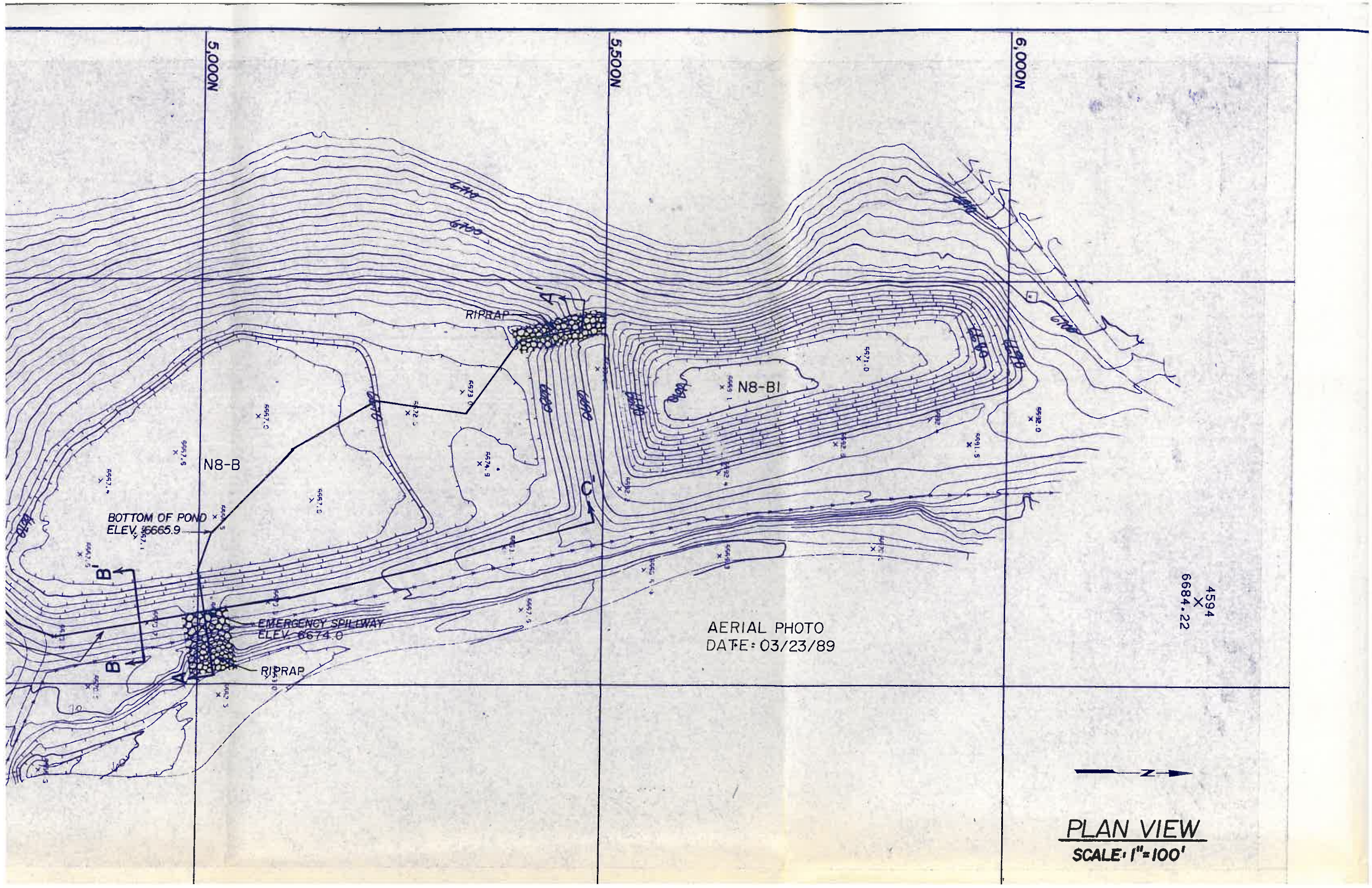


SECTION OF EMERGENCY SPILLWAY
NOT DRAWN TO SCALE

Elevation (ft.-msl)	Stage (ft.)	Area (Acres)	Capacity (Ac.-ft.)	Total Capacity (Ac.-ft.)	Description
6665.9	0.0	0.0	0.0	0.0	Bottom of Pond
6668	2.1	2.085	2.19	2.19	
6670	4.1	2.503	4.59	6.78	
6672	6.1	2.738	5.24	12.02	
6674	8.1	3.472	6.21	18.23	Spillway
6676	10.1	4.277	7.75	25.98	
6678	12.1	4.709	8.99	34.97	
6678.8	12.9	4.846	3.88	38.85	Top of Dam

4594
X
6684.22

W
2'



5,000N

5,500N

6,000N

RIPRAP

N8-BI

N8-B

BOTTOM OF POND
ELEV. 6665.9

EMERGENCY SPILLWAY
ELEV. 6674.0

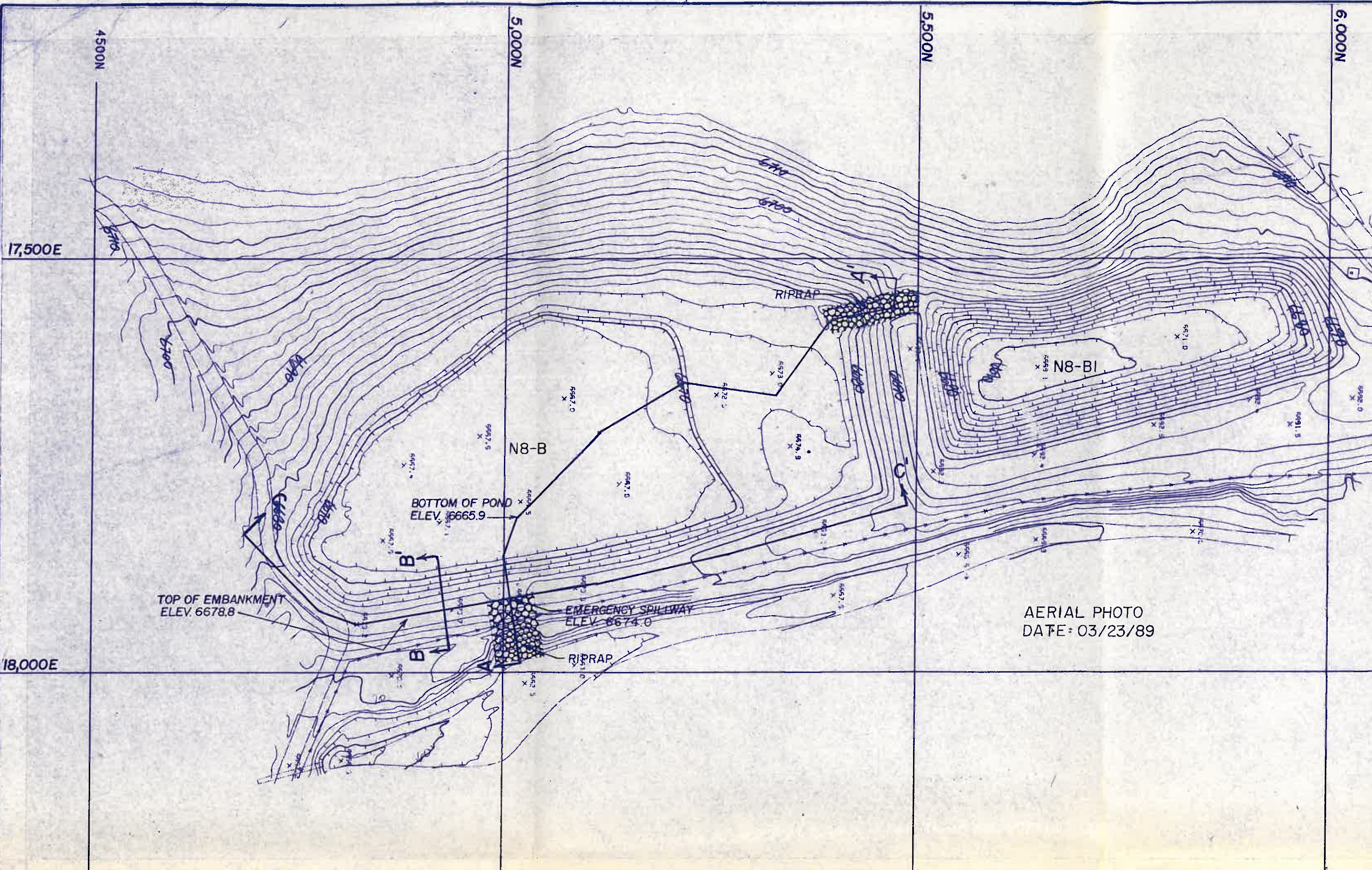
RIPRAP

AERIAL PHOTO
DATE: 03/23/89

4594
X
6684.22



PLAN VIEW
SCALE: 1"=100'



AERIAL PHOTO
DATE: 03/23/89

4500N

5000N

5500N

6000N

17,500E

18,000E

TOP OF EMBANKMENT
ELEV. 6678.8

BOTTOM OF POND
ELEV. 6665.9

EMERGENCY SPILLWAY
ELEV. 6674.0

N8-B

N8-B1

RIPRAP

RIPRAP

CROSS