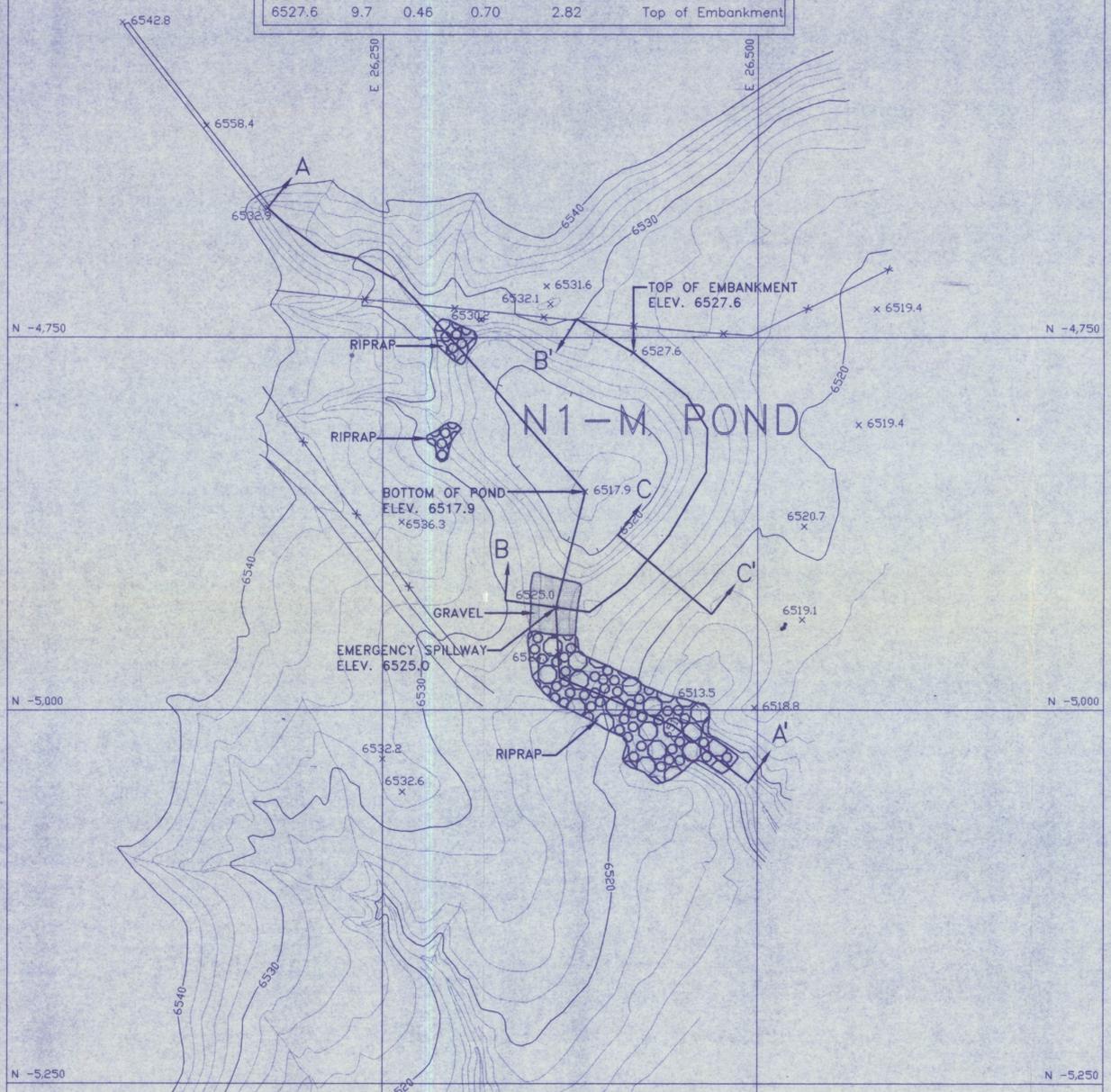


**N1-M POND STAGE CAPACITY TABLE**

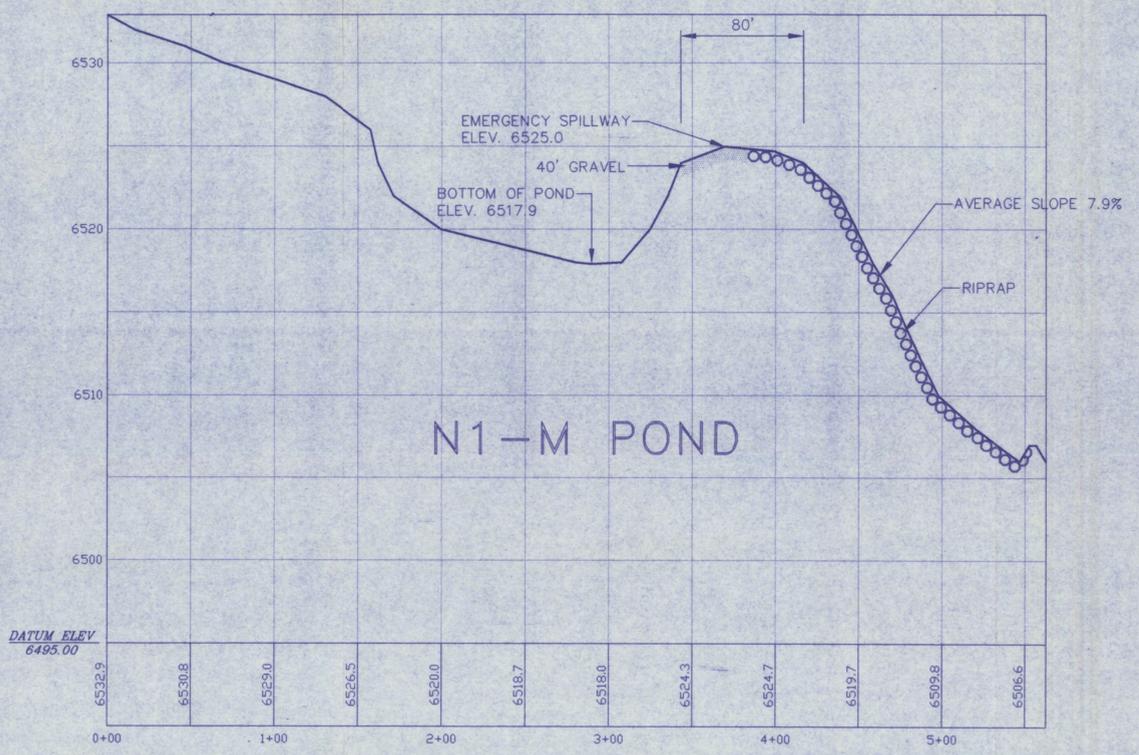
Elevation (ft-msl)	Stage (ft)	Area (Acres)	Capacity (ac-ft)	Total Capacity (ac-ft)	Description
6517.9	0.0	0.00	0.00	0.00	Bottom of Pond
6518.0	0.1	0.03	0.002	0.002	
6520.0	2.1	0.19	0.22	0.22	
6522.0	4.1	0.29	0.48	0.70	
6524.0	6.1	0.35	0.64	1.34	
6525.0	7.1	0.39	0.37	1.71	Emergency Spillway
6526.0	8.1	0.42	0.41	2.12	
6527.6	9.7	0.46	0.70	2.82	Top of Embankment

Pt. 5103  
6575.03

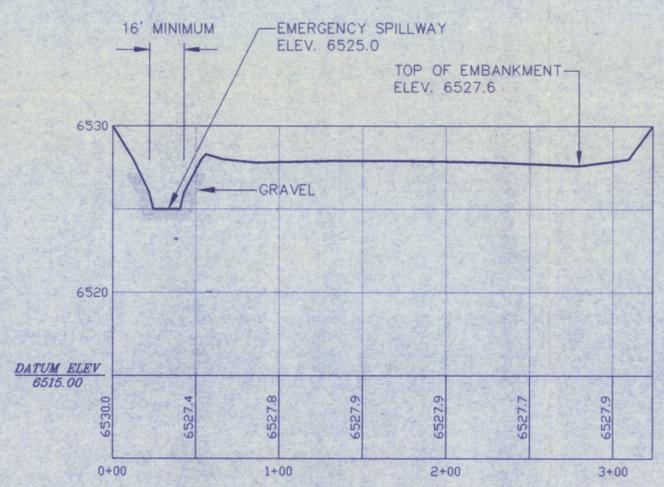


Pt. 5104  
6512.77

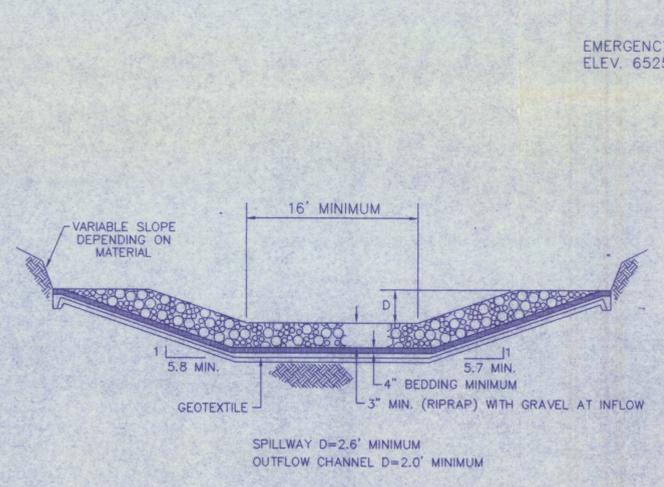
**PLAN VIEW**  
SCALE: 1" = 50'  
PHOTO DATE: 03-26-95



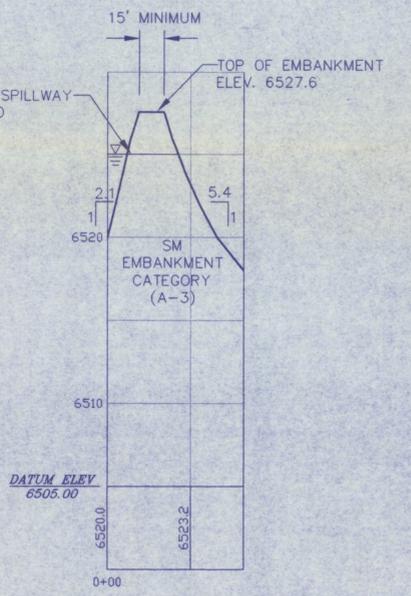
**PROFILE SECTION A - A'**  
VERT. SCALE: 1" = 5'  
HORIZ. SCALE: 1" = 50'



**PROFILE CROSS SECTION B - B'**  
VERT. SCALE: 1" = 5'  
HORIZ. SCALE: 1" = 50'



**CROSS SECTION OF EMERGENCY SPILLWAY**  
NOT TO SCALE



**CROSS SECTION C - C'**  
VERT. SCALE: 1" = 5'  
HORIZ. SCALE: 1" = 50'

I certify that 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.

*Raymond Penally*  
RAYMOND PENALLY  
PEABODY WESTERN MINING COMPANY

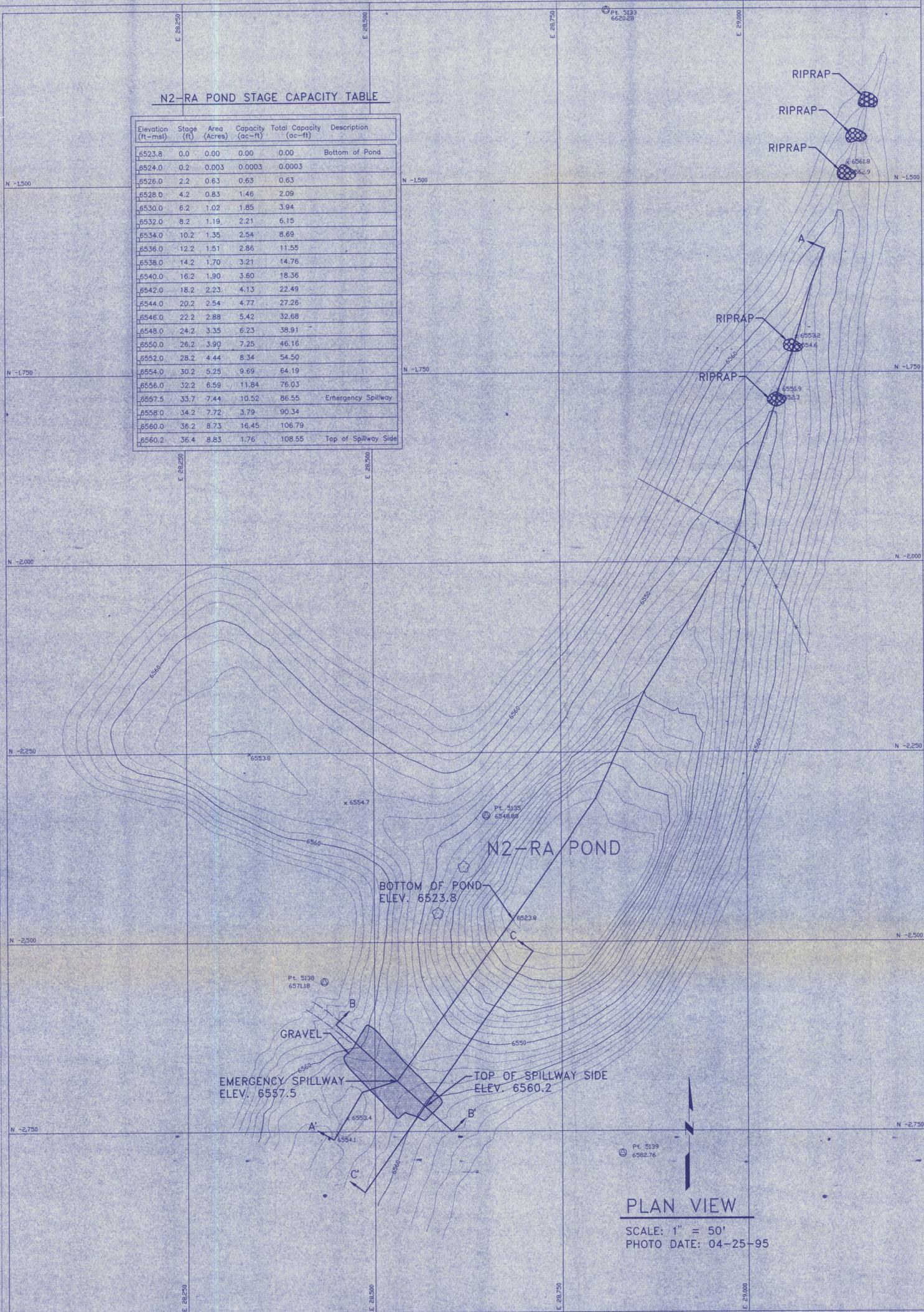
ARIZONA P.E. 15264  
5/22/95  
DATE

REVISIONS		N1-M POND (AS BUILT)	KAYENTA MINE
CHK'D	DATE		

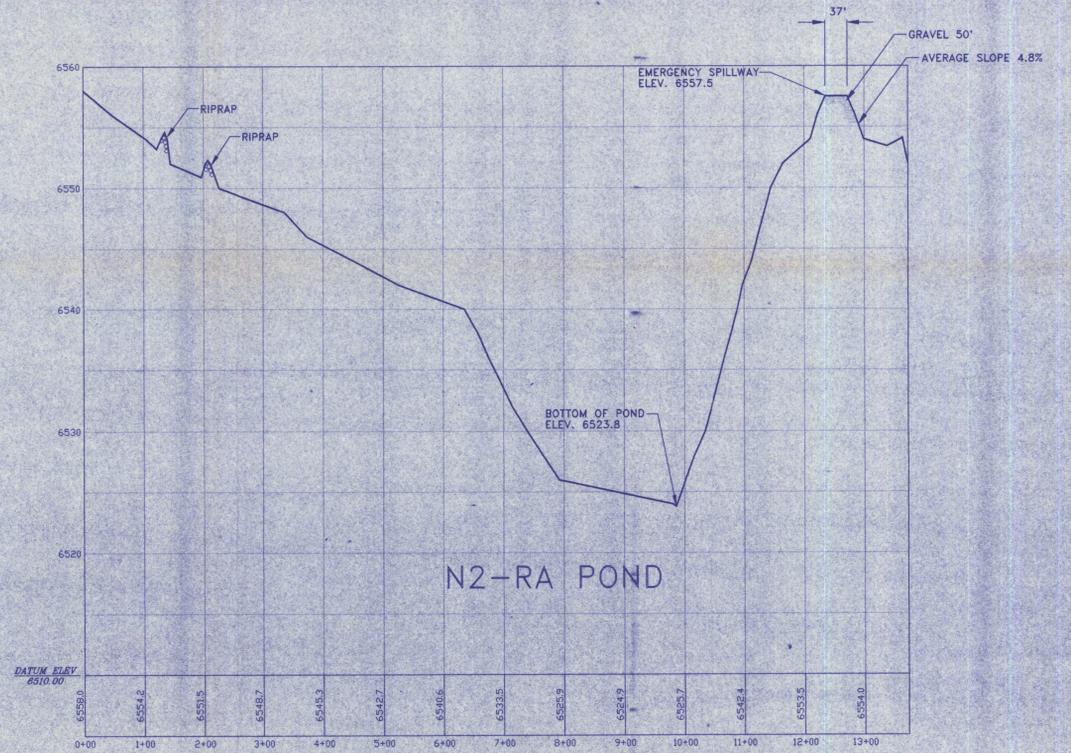
PEABODY WESTERN COAL CO. 1300 S. YALE FLAGSTAFF AZ. 86001  
DESIGNED BY: PWCC SCALE: AS SHOWN  
DRAWN BY: E.F.D. DRAWING DATE: 05-19-95  
CHECKED BY: R.A.B. PHOTO DATE: 03-26-95  
CONTOUR INTERVAL: 2.0'

N2-RA POND STAGE CAPACITY TABLE

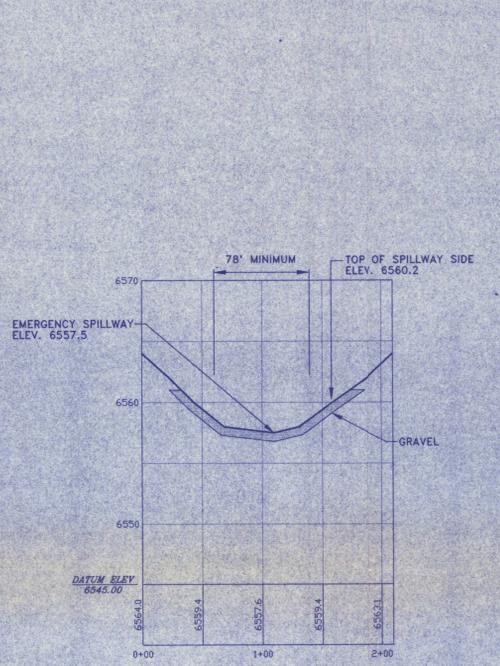
Elevation (ft-msl)	Stage (ft)	Area (Acres)	Capacity (ac-ft)	Total Capacity (ac-ft)	Description
6523.8	0.0	0.00	0.00	0.00	Bottom of Pond
6524.0	0.2	0.003	0.0003	0.0003	
6526.0	2.2	0.63	0.63	0.63	
6528.0	4.2	0.83	1.46	2.09	
6530.0	6.2	1.02	1.85	3.94	
6532.0	8.2	1.19	2.21	6.15	
6534.0	10.2	1.35	2.54	8.69	
6536.0	12.2	1.51	2.86	11.55	
6538.0	14.2	1.70	3.21	14.76	
6540.0	16.2	1.90	3.60	18.36	
6542.0	18.2	2.23	4.13	22.49	
6544.0	20.2	2.54	4.77	27.26	
6546.0	22.2	2.88	5.42	32.68	
6548.0	24.2	3.35	6.23	38.91	
6550.0	26.2	3.90	7.25	46.16	
6552.0	28.2	4.44	8.34	54.50	
6554.0	30.2	5.25	9.69	64.19	
6556.0	32.2	6.59	11.84	76.03	
6557.5	33.7	7.44	10.52	86.55	Emergency Spillway
6558.0	34.2	7.72	3.79	90.34	
6560.0	36.2	8.73	16.45	106.79	
6560.2	36.4	8.83	1.76	108.55	Top of Spillway Side



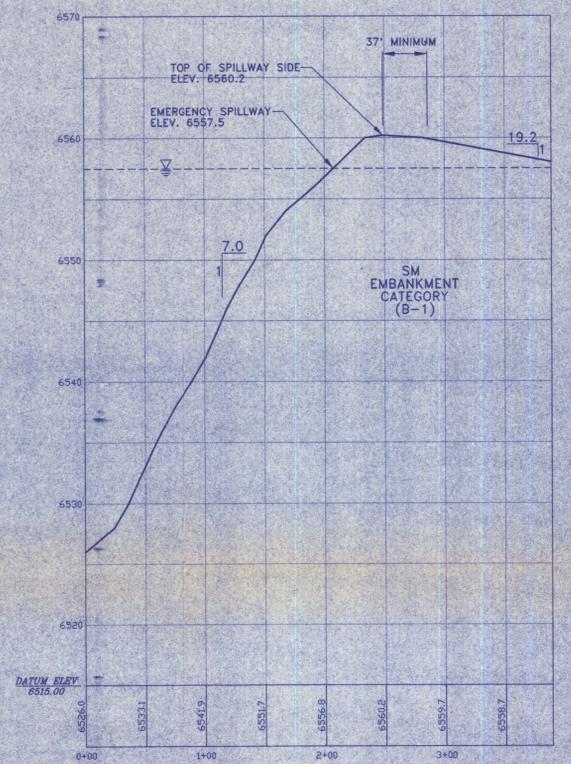
PLAN VIEW  
SCALE: 1" = 50'  
PHOTO DATE: 04-25-95



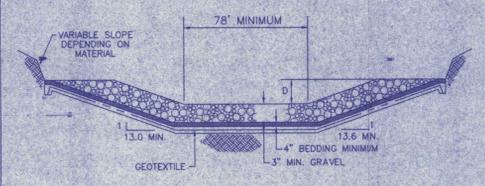
PROFILE SECTION A - A  
VERT. SCALE: 1" = 5'  
HORIZ. SCALE: 1" = 100'



PROFILE SECTION B - B  
VERT. SCALE: 1" = 5'  
HORIZ. SCALE: 1" = 50'



CROSS SECTION C - C  
VERT. SCALE: 1" = 5'  
HORIZ. SCALE: 1" = 50'



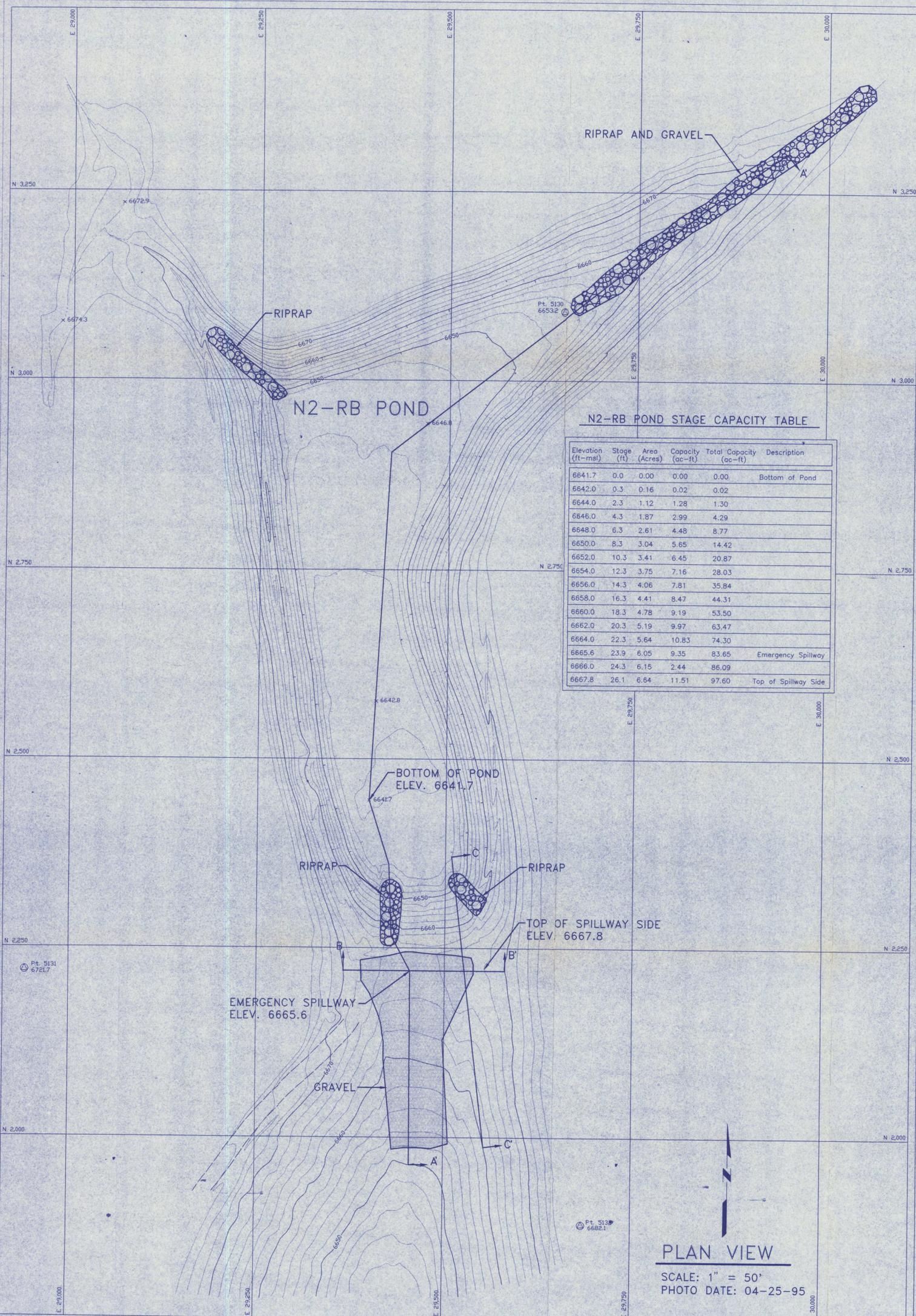
CROSS SECTION OF EMERGENCY SPILLWAY  
NOT TO SCALE

I certify that this Spillway 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.

PEABODY WESTERN COAL COMPANY  
DATE: 4/25/95  
ARIZONA P.E. 15264

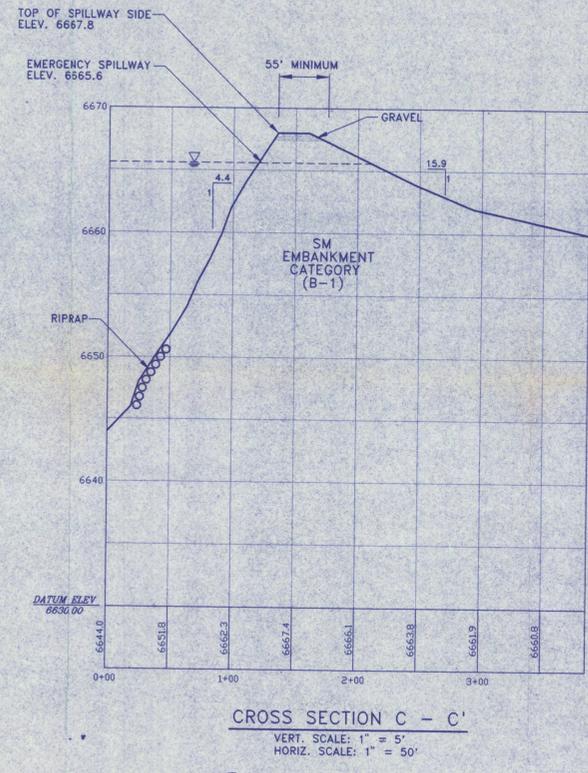
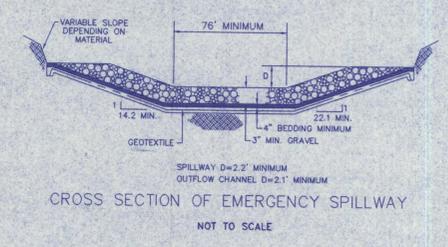
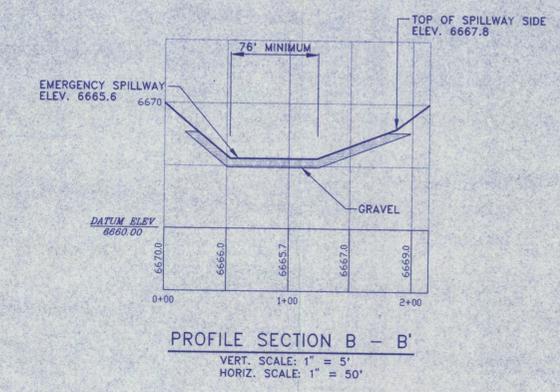
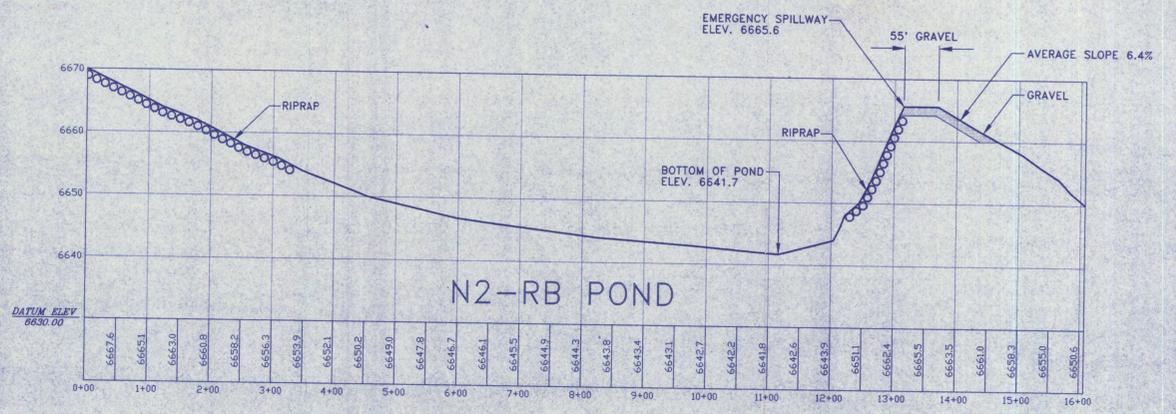
REVISIONS		N2-RA POND (AS - BUILT)	
CHK'D	DATE	DESCRIPTION	

KAYENTA MINE  
PEABODY WESTERN COAL CO. 1300 S VALE FLAGSTAFF, AZ 86001  
DESIGNED BY: D & M SCALE: AS SHOWN  
DRAWN BY: F.D. DRAWING DATE: 10-11-95  
CHECKED BY: R.A.B. PHOTO DATE: 04-25-95  
CONTOUR INTERVAL: 2.0'



**N2-RB POND STAGE CAPACITY TABLE**

Elevation (ft-msl)	Slope (ft)	Area (Acres)	Capacity (cc-ft)	Total Capacity (cc-ft)	Description
6641.7	0.0	0.00	0.00	0.00	Bottom of Pond
6642.0	0.3	0.16	0.02	0.02	
6644.0	2.3	1.12	1.28	1.30	
6646.0	4.3	1.87	2.99	4.29	
6648.0	6.3	2.61	4.48	8.77	
6650.0	8.3	3.04	5.65	14.42	
6652.0	10.3	3.41	6.45	20.87	
6654.0	12.3	3.75	7.16	28.03	
6656.0	14.3	4.06	7.81	35.84	
6658.0	16.3	4.41	8.47	44.31	
6660.0	18.3	4.78	9.19	53.50	
6662.0	20.3	5.19	9.97	63.47	
6664.0	22.3	5.64	10.83	74.30	
6665.6	23.9	6.05	9.35	83.65	Emergency Spillway
6666.0	24.3	6.15	2.44	86.09	
6667.8	26.1	6.64	11.51	97.60	Top of Spillway Side



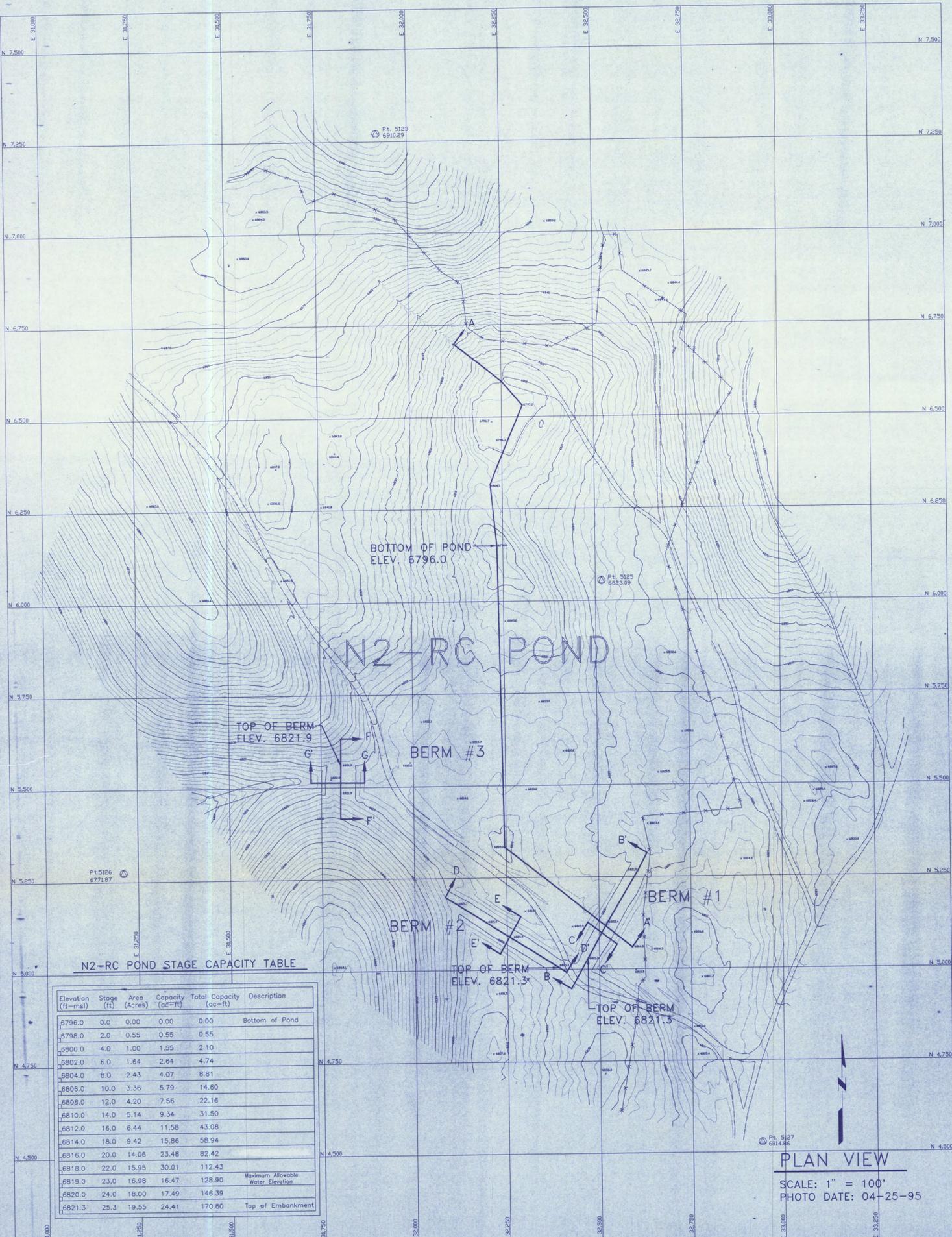
I certify that this Siltation Structure was constructed in accordance with the approved mining permit and that the information contained herein accurately describes the constructed structure to the best of my knowledge and belief.

RAYMOND A. BENALLY  
PEABODY WESTERN COAL COMPANY

ARIZONA P.E. 15264  
DATE: 7/20/95

REVISIONS		DESCRIPTION
CHK'D	DATE	

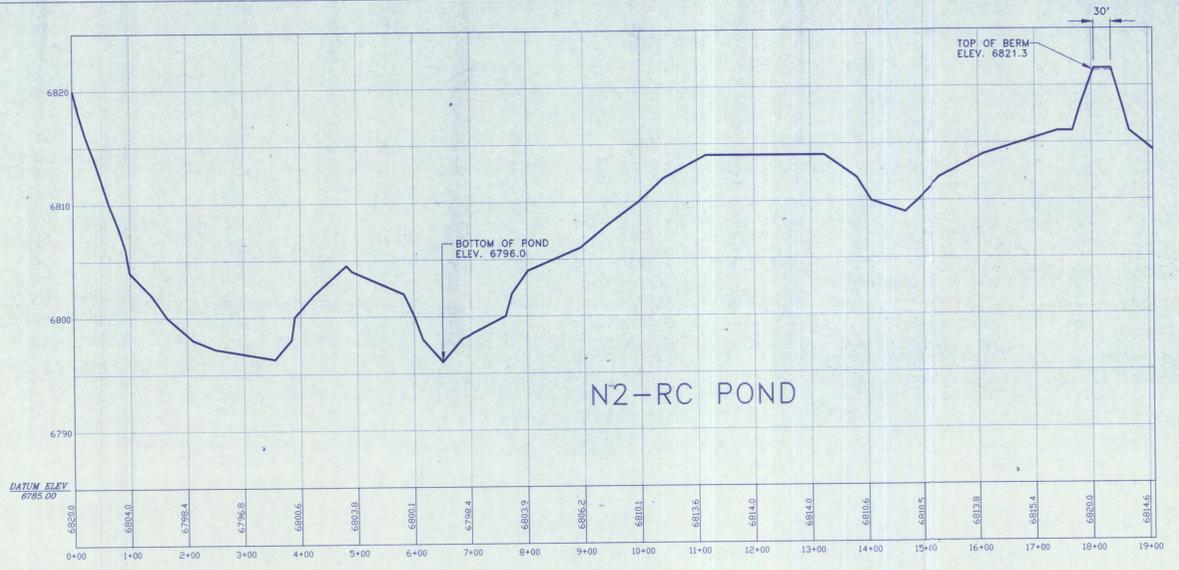
**N2-RB POND (AS - BUILT)**  
KAYENTA MINE  
PEABODY WESTERN COAL CO. 1300 S. YALE FLAGSTAFF, AZ. 86001  
DESIGNED BY: P.W.C. SCALE: AS SHOWN  
DRAWN BY: E.P.D. DRAWING DATE: 09-07-95  
CHECKED BY: R.A.B. PHOTO DATE: 04-25-95  
CONTOUR INTERVAL: 2.0'



N2-RC POND STAGE CAPACITY TABLE

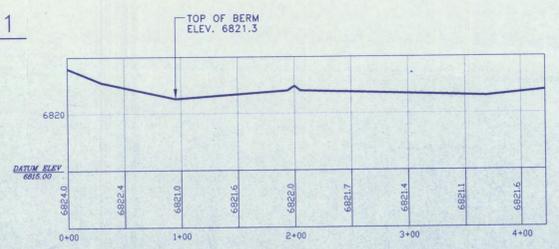
Elevation (ft-msl)	Stage (ft)	Area (Acres)	Capacity (ac-ft)	Total Capacity (ac-ft)	Description
6796.0	0.0	0.00	0.00	0.00	Bottom of Pond
6798.0	2.0	0.55	0.55	0.55	
6800.0	4.0	1.00	1.55	2.10	
6802.0	6.0	1.64	2.64	4.74	
6804.0	8.0	2.43	4.07	8.81	
6806.0	10.0	3.36	5.79	14.60	
6808.0	12.0	4.20	7.56	22.16	
6810.0	14.0	5.14	9.34	31.50	
6812.0	16.0	6.44	11.58	43.08	
6814.0	18.0	9.42	15.86	58.94	
6816.0	20.0	14.06	23.48	82.42	
6818.0	22.0	15.95	30.01	112.43	
6819.0	23.0	16.98	16.47	128.90	Maximum Allowable Water Elevation
6820.0	24.0	18.00	17.49	146.39	
6821.3	25.3	19.55	24.41	170.80	Top of Embankment

PLAN VIEW  
SCALE: 1" = 100'  
PHOTO DATE: 04-25-95

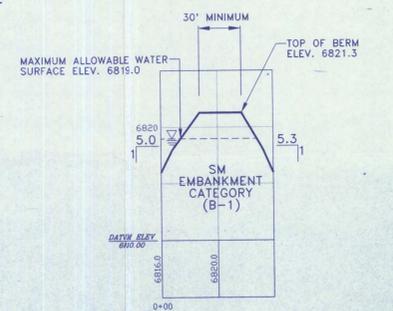


BERM #1 PROFILE SECTION A - A'  
VERT. SCALE: 1" = 5'  
HORIZ. SCALE: 1" = 100'

BERM #1

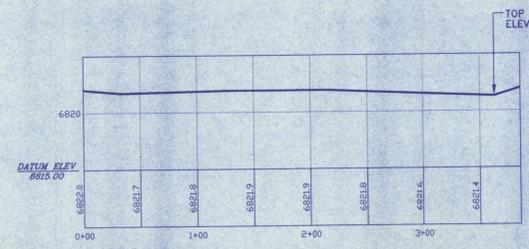


BERM #1 PROFILE SECTION B - B'  
VERT. SCALE: 1" = 5'  
HORIZ. SCALE: 1" = 50'

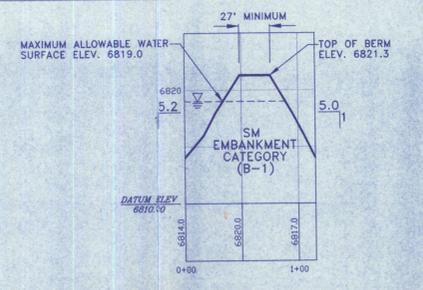


BERM #1 CROSS SECTION C - C'  
VERT. SCALE: 1" = 5'  
HORIZ. SCALE: 1" = 50'

BERM #2

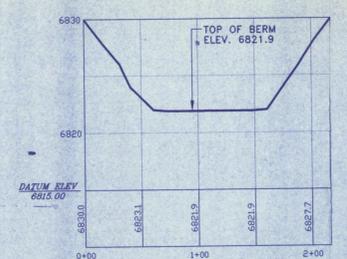


BERM #2 PROFILE SECTION D - D'  
VERT. SCALE: 1" = 5'  
HORIZ. SCALE: 1" = 50'

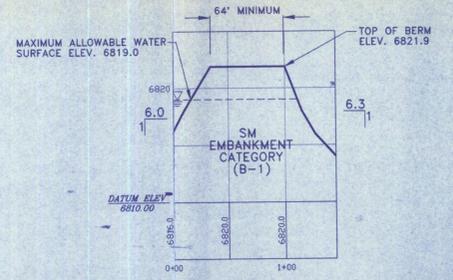


BERM #2 CROSS SECTION E - E'  
VERT. SCALE: 1" = 5'  
HORIZ. SCALE: 1" = 50'

BERM #3



BERM #3 PROFILE SECTION F - F'  
VERT. SCALE: 1" = 5'  
HORIZ. SCALE: 1" = 50'



BERM #3 CROSS SECTION G - G'  
VERT. SCALE: 1" = 5'  
HORIZ. SCALE: 1" = 50'

NOTE:  
NO SPILLWAY REQUIRED. THE STRUCTURE WAS DESIGNED TO CONTAIN THE PROBABLE MAXIMUM PRECIPITATION (PMP).

I certify that 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.

RAYMOND W. PEABODY COMPANY  
DATE: 8/21/96

REVISIONS	DATE	DESCRIPTION

N2-RC POND  
(AS - BUILT)

KAYENTA MINE  
PEABODY WESTERN COAL CO. 1300 S.YALE FLAGSTAFF, AZ 86001  
DESIGNED BY: P.W.C.C. SCALE: AS SHOWN  
DRAWN BY: E.F.D. DRAWING DATE: 10-28-95  
CHECKED BY: R.A.B. PHOTO DATE: 04-25-95  
CONTOUR INTERVAL: 2.0'