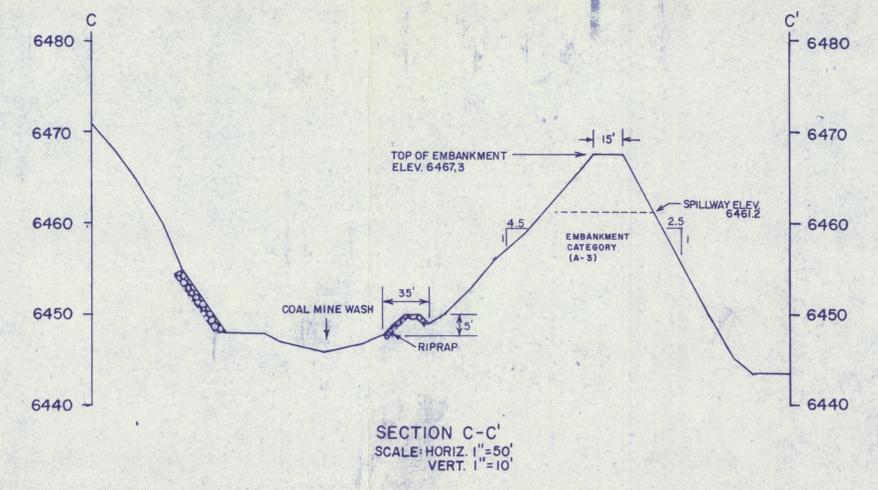
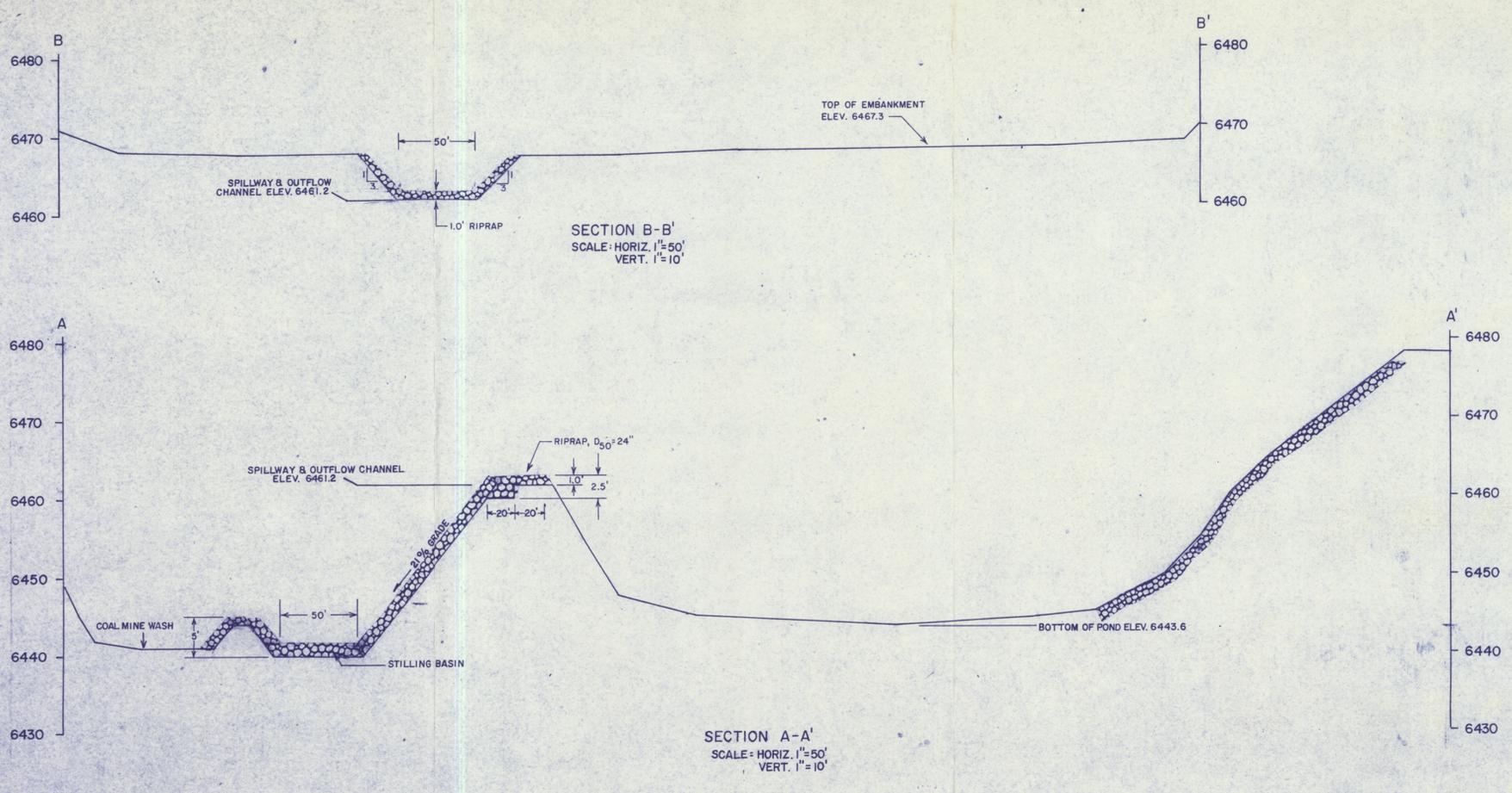


N5-A POND AS-BUILT

ELEVATION (FT. -msl)	STAGE (FT.)	AREA (ACRES)	CAP. (AC.-FT.)	TOT. CAP. (AC.-FT.)	DESCRIPTION
6443.60	0.00	0.00	0.00	0.00	BOTTOM OF POND
6445.00	1.40	0.26	0.18	0.18	
6446.00	2.40	0.37	0.32	0.50	
6448.00	4.40	0.57	0.94	1.44	
6450.00	6.40	0.72	1.29	2.73	
6452.00	8.40	0.84	1.56	4.29	
6454.00	10.40	0.97	1.61	6.10	
6456.00	12.40	1.17	2.14	8.24	
6458.00	14.40	1.34	2.51	10.75	
6460.00	16.40	1.52	2.86	13.61	
6461.20	17.60	1.64	1.90	15.50	EMERGENCY SPILLWAY
6467.30	23.70	2.29	11.99	27.49	TOP OF EMBANKMENT



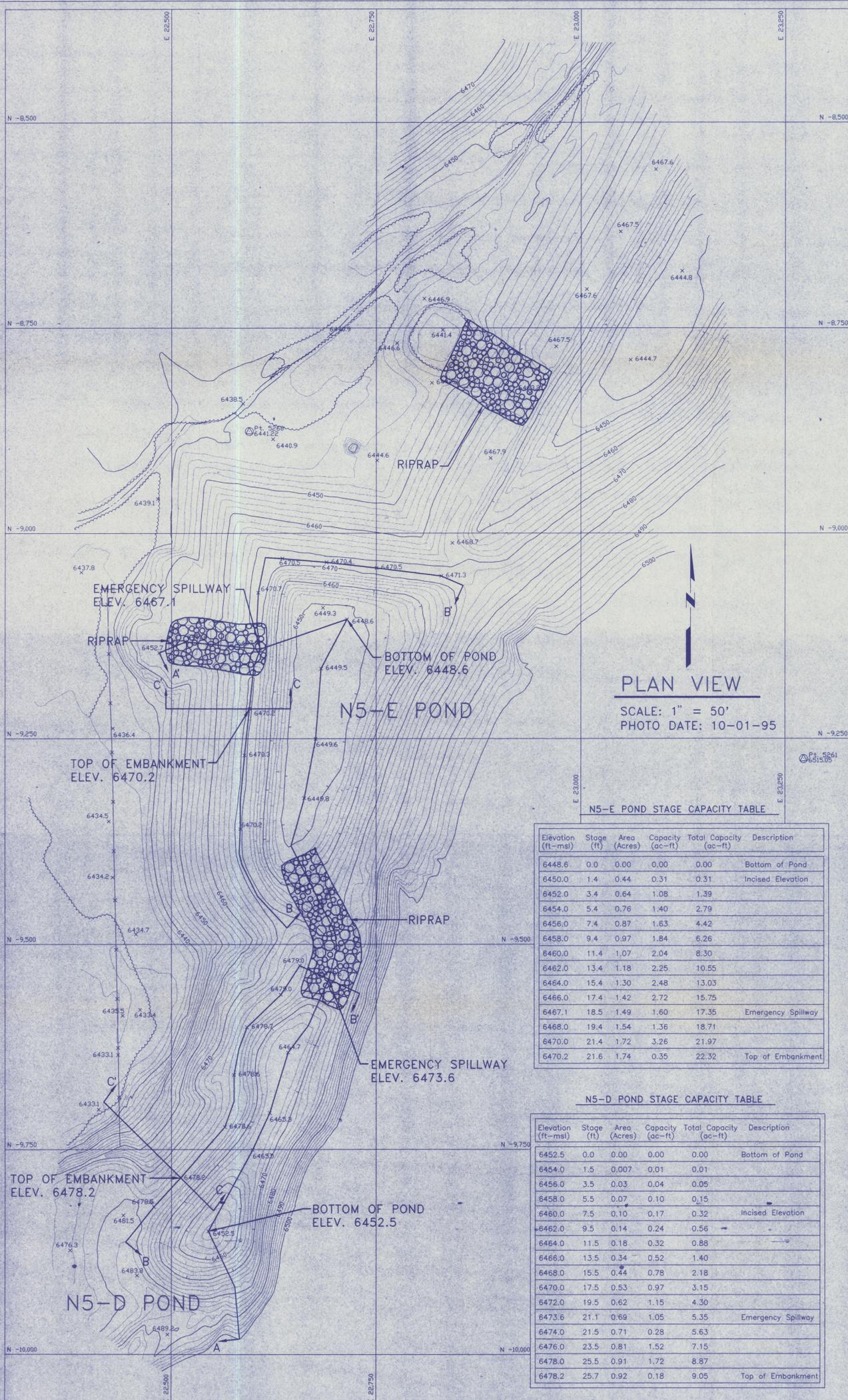
I certify this Siltation Structure was constructed in accordance with the approved mining permit and that the information contained herein accurately describes the constructed structure to the best of my knowledge and belief.

Arizona P.E. #18782  
Date: JUN 19 1989

**PEABODY COAL COMPANY**  
**BLACK MESA - KAYENTA MINE**  
1300 SOUTH YALE FLAGSTAFF, AZ. 86001

**N5-A POND**  
**(AS-BUILT)**

SCALE: AS SHOWN	DRAWN BY: C.C.H.
DATE: 11/14/88	DRAWING NO:
REVISION:	APPROVED BY: J.G.S.

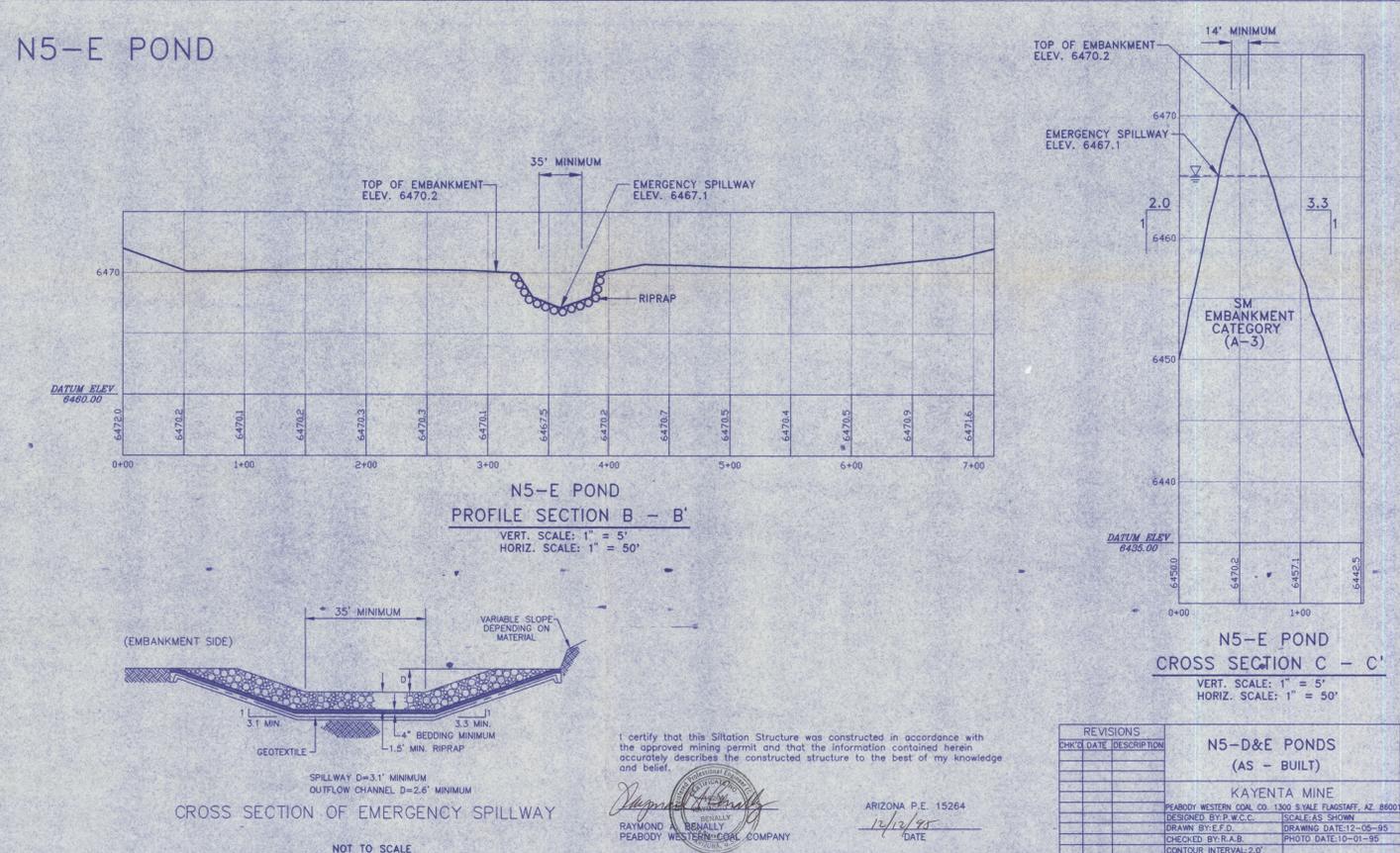
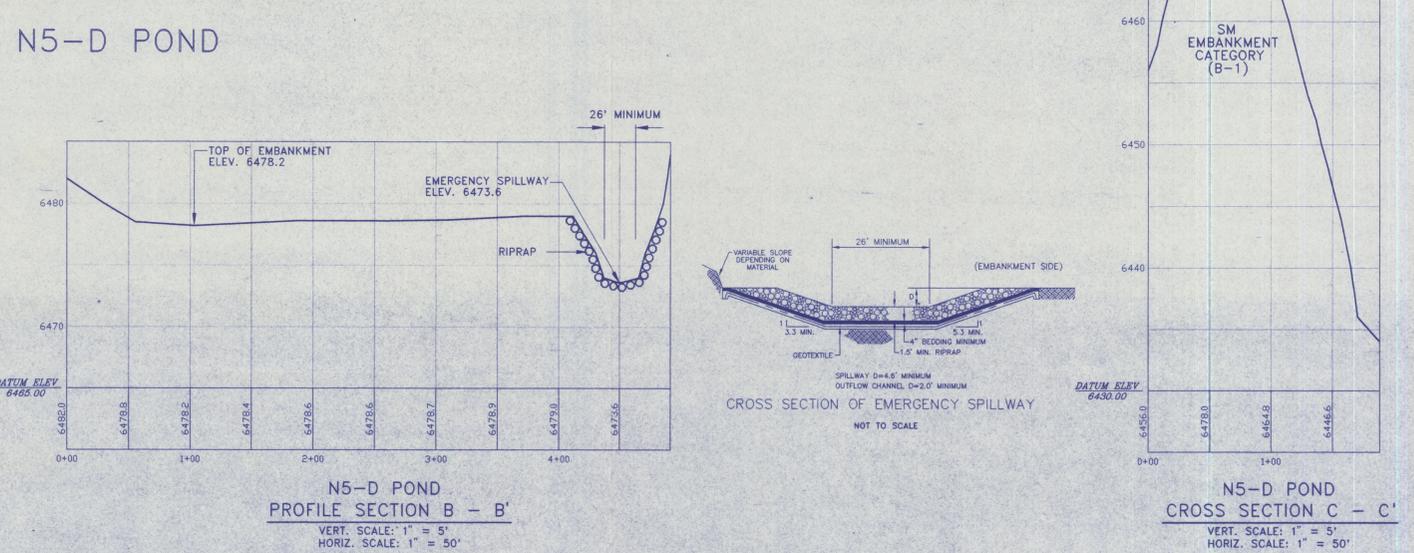
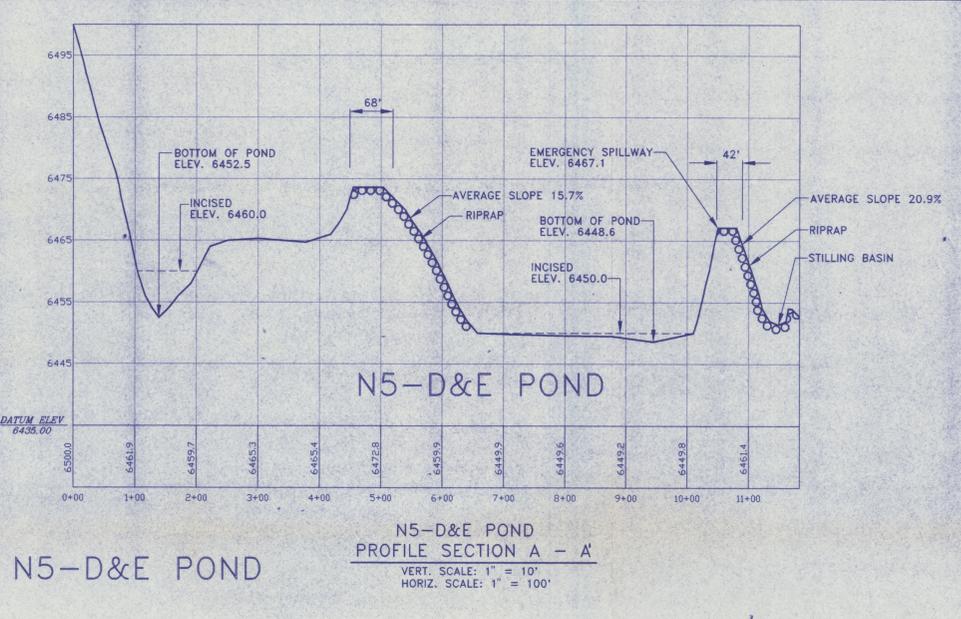


N5-E POND STAGE CAPACITY TABLE

Elevation (ft-msl)	Stage (ft)	Area (Acres)	Capacity (ac-ft)	Total Capacity (ac-ft)	Description
6448.6	0.0	0.00	0.00	0.00	Bottom of Pond
6450.0	1.4	0.44	0.31	0.31	Incised Elevation
6452.0	3.4	0.64	1.08	1.39	
6454.0	5.4	0.76	1.40	2.79	
6456.0	7.4	0.87	1.63	4.42	
6458.0	9.4	0.97	1.84	6.26	
6460.0	11.4	1.07	2.04	8.30	
6462.0	13.4	1.18	2.25	10.55	
6464.0	15.4	1.30	2.48	13.03	
6466.0	17.4	1.42	2.72	15.75	
6467.1	18.5	1.49	1.60	17.35	Emergency Spillway
6468.0	19.4	1.54	1.36	18.71	
6470.0	21.4	1.72	3.26	21.97	
6470.2	21.6	1.74	0.35	22.32	Top of Embankment

N5-D POND STAGE CAPACITY TABLE

Elevation (ft-msl)	Stage (ft)	Area (Acres)	Capacity (ac-ft)	Total Capacity (ac-ft)	Description
6452.5	0.0	0.00	0.00	0.00	Bottom of Pond
6454.0	1.5	0.007	0.01	0.01	
6456.0	3.5	0.03	0.04	0.05	
6458.0	5.5	0.07	0.10	0.15	
6460.0	7.5	0.10	0.17	0.32	Incised Elevation
6462.0	9.5	0.14	0.24	0.56	
6464.0	11.5	0.18	0.32	0.88	
6466.0	13.5	0.34	0.52	1.40	
6468.0	15.5	0.44	0.78	2.18	
6470.0	17.5	0.53	0.97	3.15	
6472.0	19.5	0.62	1.15	4.30	
6473.6	21.1	0.69	1.05	5.35	Emergency Spillway
6474.0	21.5	0.71	0.28	5.63	
6476.0	23.5	0.81	1.52	7.15	
6478.0	25.5	0.91	1.72	8.87	
6478.2	25.7	0.92	0.18	9.05	Top of Embankment



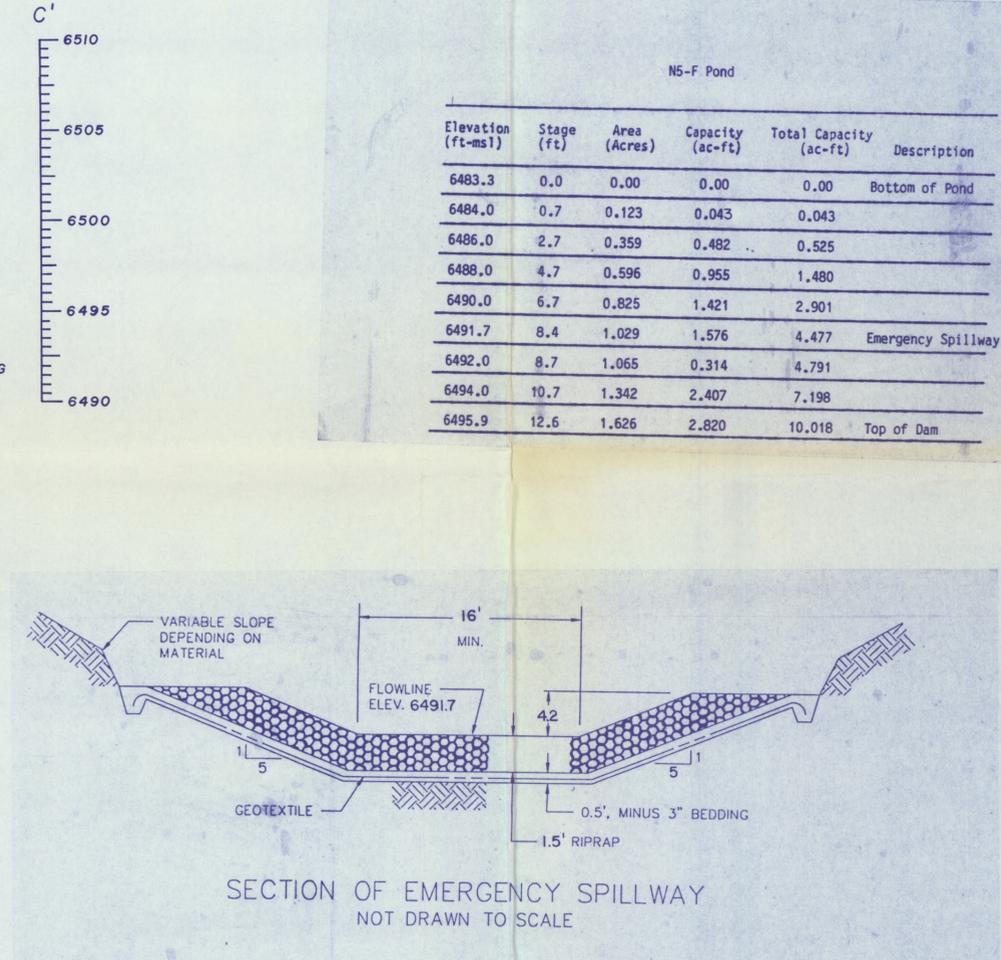
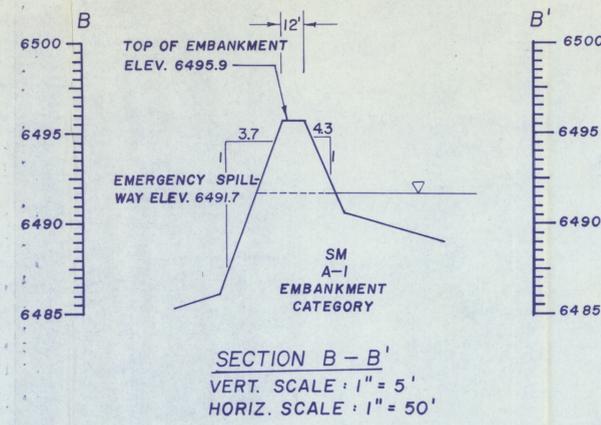
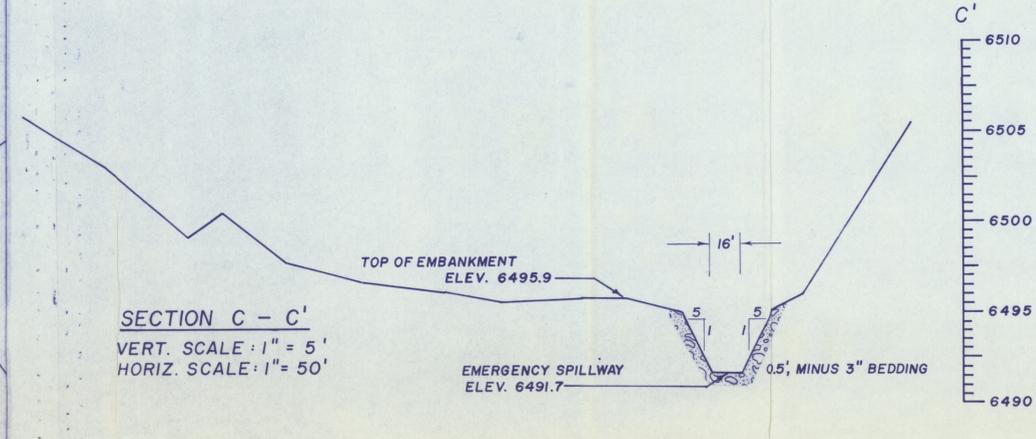
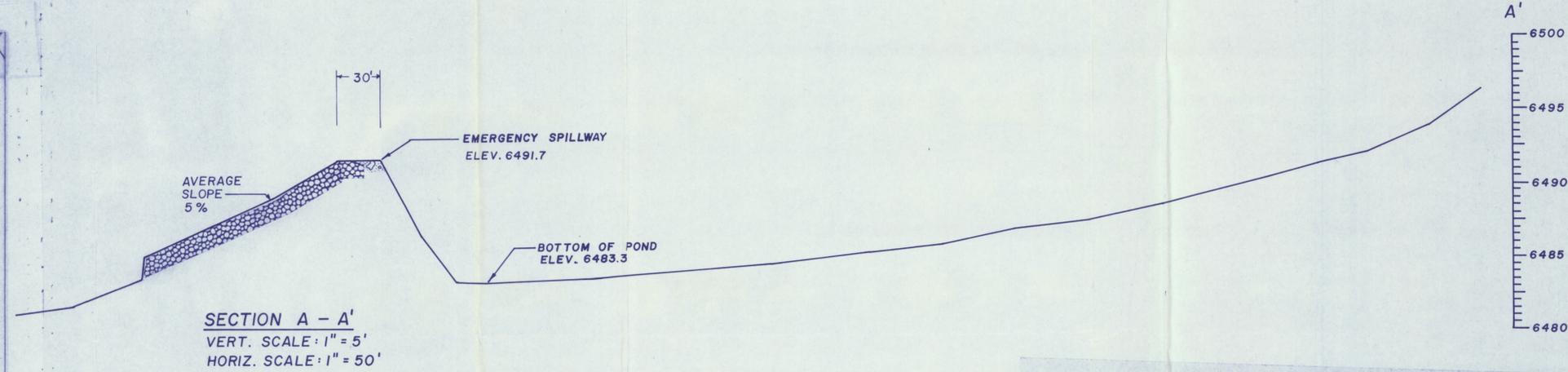
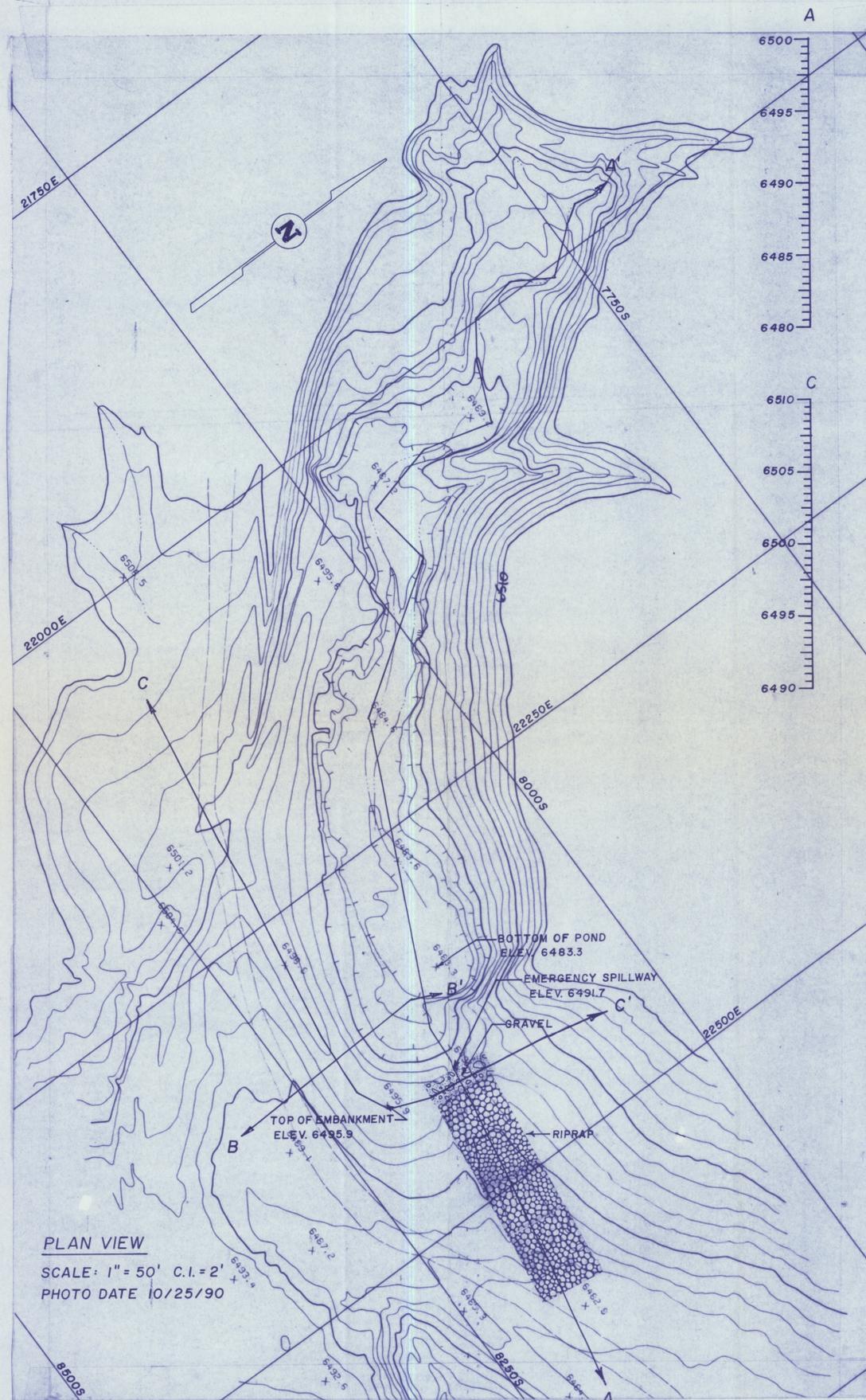
I certify that this Siltation Structure was constructed in accordance with the approved mining permit and that the information contained herein accurately describes the constructed structure to the best of my knowledge and belief.

*Raymond Peabody*  
RAYMOND PEABODY WESTERN MINING COMPANY  
ARIZONA P.E. 15264  
12/12/95  
DATE

REVISIONS	DATE	DESCRIPTION

**N5-D&E PONDS**  
(AS - BUILT)

KAYENTA MINE  
PEABODY WESTERN CORP. 1300 S.W. FLAGSTAFF, AZ 86001  
DESIGNED BY P.W.C. SCALE: AS SHOWN  
DRAWN BY E.F.D. DRAWING DATE: 12-05-95  
CHECKED BY R.A.B. PHOTO DATE: 10-01-95  
CONTOUR INTERVAL: 2.0'



N5-F Pond

Elevation (ft-msl)	Stage (ft)	Area (Acres)	Capacity (ac-ft)	Total Capacity (ac-ft)	Description
6483.3	0.0	0.00	0.00	0.00	Bottom of Pond
6484.0	0.7	0.123	0.043	0.043	
6486.0	2.7	0.359	0.482	0.525	
6488.0	4.7	0.596	0.955	1.480	
6490.0	6.7	0.825	1.421	2.901	
6491.7	8.4	1.029	1.576	4.477	Emergency Spillway
6492.0	8.7	1.065	0.314	4.791	
6494.0	10.7	1.342	2.407	7.198	
6495.9	12.6	1.626	2.820	10.018	Top of Dam

I certify these facilities were constructed as designed and approved in the mining permit and that the information contained herein is accurate to the best of my knowledge and belief.

*Archie H. Woodward*  
 BUCKER  
 WOODWARD  
 BUCKER & WOODWARD  
 Arizona State No. 23748

Date 7-1-91

PEABODY COAL COMPANY BLACK MESA - KAYENTA MINE	
N5 - F POND AS BUILT	
SCALE: AS SHOWN	DRAWN BY: WKW
DATE: 06/28/91	DRAWING NO:
REVISION:	APPROVED BY: BRW