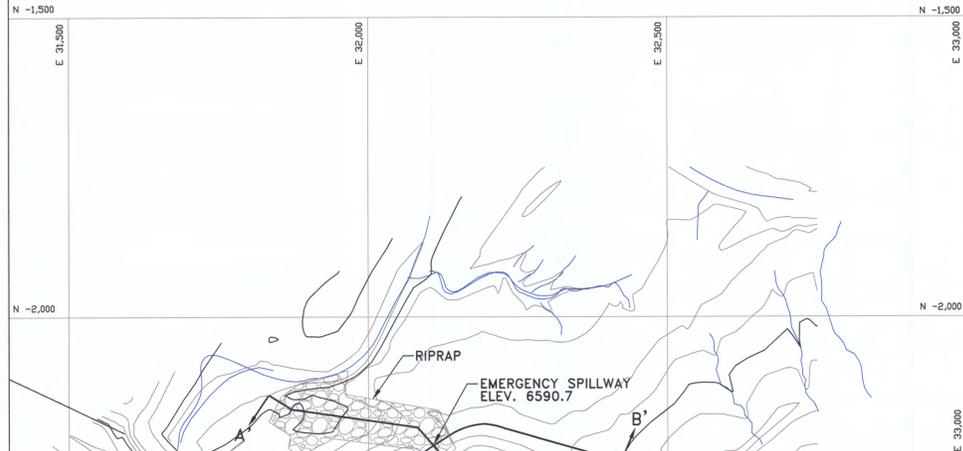
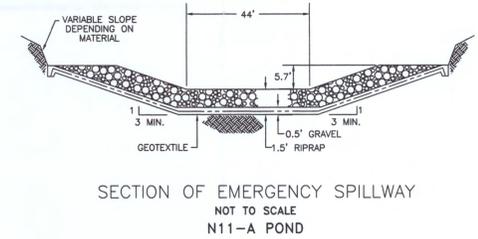
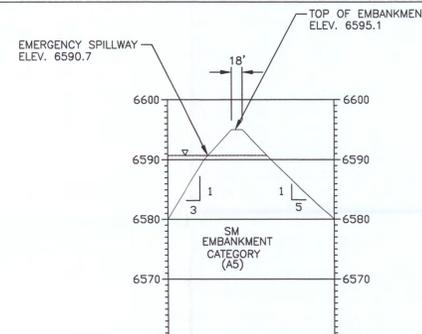
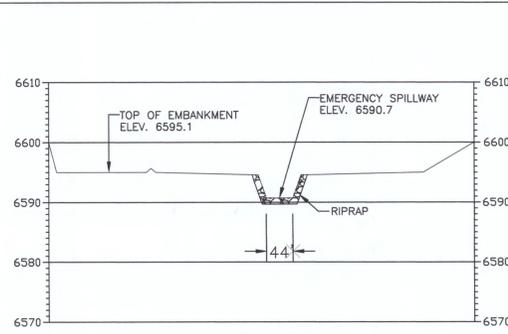
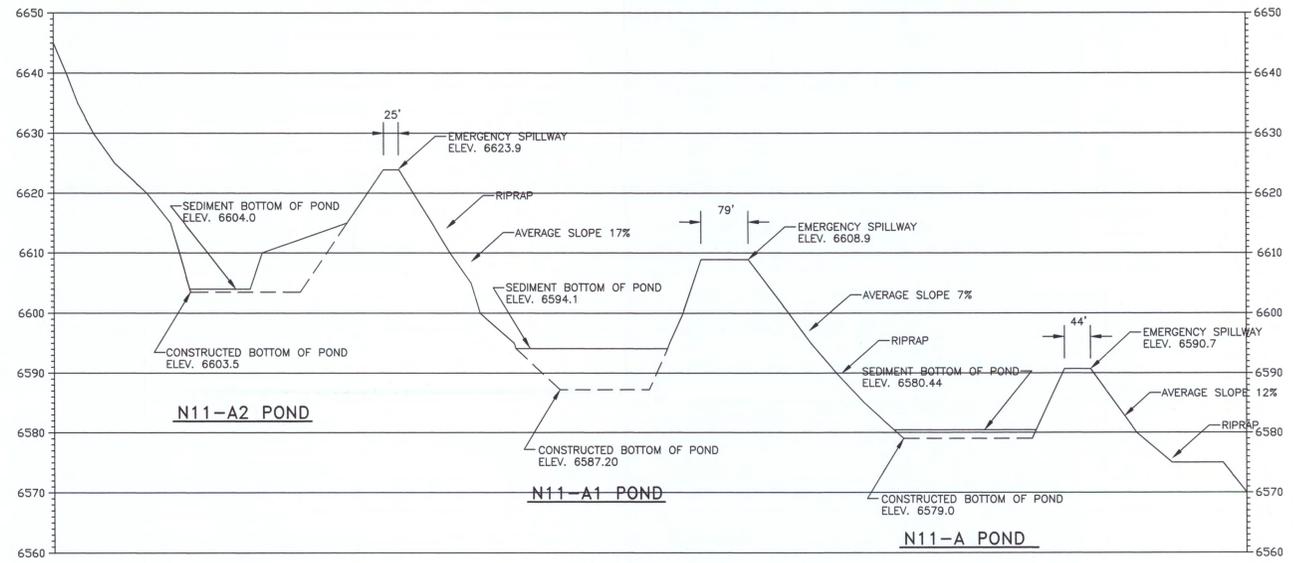


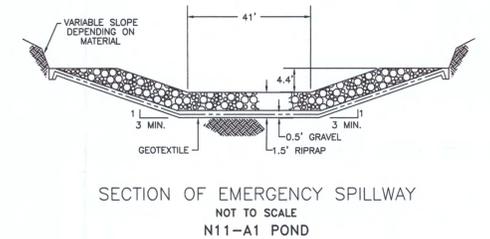
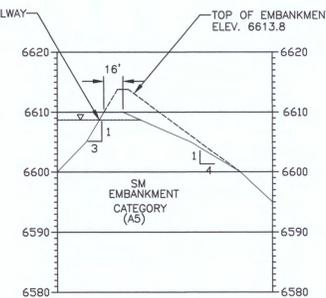
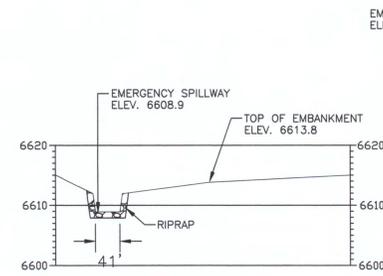
N11-A POND STAGE CAPACITY TABLE

Elevation (ft-msl)	Stage (ft)	Area (Acres)	Capacity (ac-ft)	Total Capacity (ac-ft)	Description
6579	0.0	0.00	0.00	0.00	Constructed Bottom of Pond
6580.44	0.0	1.05	0.00	0.00	Sediment Bottom of Pond
6585	4.6	1.97	6.89	6.89	
6590	9.6	2.54	11.28	18.16	
6590.7	10.3	2.63	1.81	19.97	Emergency Spillway
6595.1	14.7	3.22	12.87	32.84	Top of Embankment



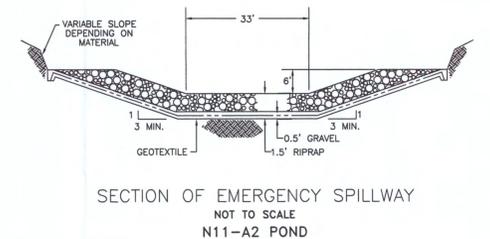
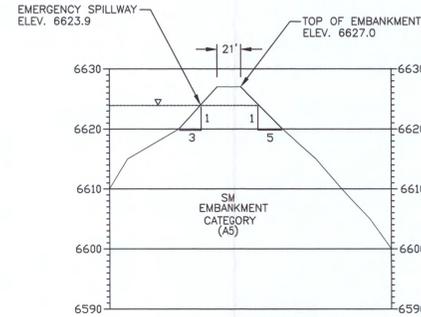
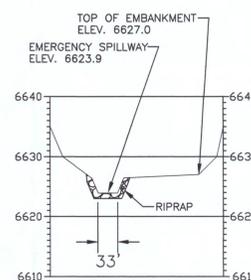
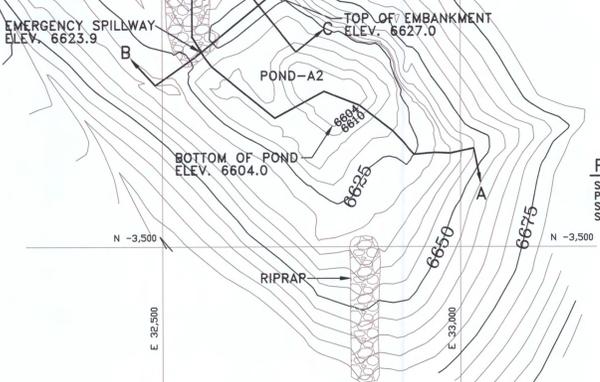
N11-A2 POND STAGE CAPACITY TABLE

Elevation (ft-msl)	Stage (ft)	Area (Acres)	Capacity (ac-ft)	Total Capacity (ac-ft)	Description
6603.5	0.0	0.0	0.0	0.0	Constructed Bottom of Pond
6604	0.0	0.18	0.00	0.00	Sediment Bottom of Pond
6610	6.0	0.32	1.50	1.50	
6615	11.0	0.68	2.50	4.00	
6620	16.0	1.23	4.78	8.78	
6623.9	19.9	1.61	5.54	14.31	Emergency Spillway
6625	21.0	1.72	1.83	16.14	
6627	23.0	2.46	4.18	20.32	Top of Embankment



N11-A1 POND STAGE CAPACITY TABLE

Elevation (ft-msl)	Stage (ft)	Area (Acres)	Capacity (ac-ft)	Total Capacity (ac-ft)	Description
6587.2	0.0	0.0	0.0	0.0	Constructed Bottom of Pond
6594.1	0.0	0.58	0.00	0.00	Sediment Bottom of Pond
6595	0.9	0.62	0.54	0.54	
6600	5.9	1.00	4.05	4.59	
6605	10.9	1.31	5.78	10.36	
6608.9	14.8	1.81	6.08	16.45	Emergency Spillway
6610	15.9	1.95	2.07	18.52	
6612	17.9	2.15	4.10	22.62	
6613.8	19.7	2.25	3.96	26.58	Top of Embankment



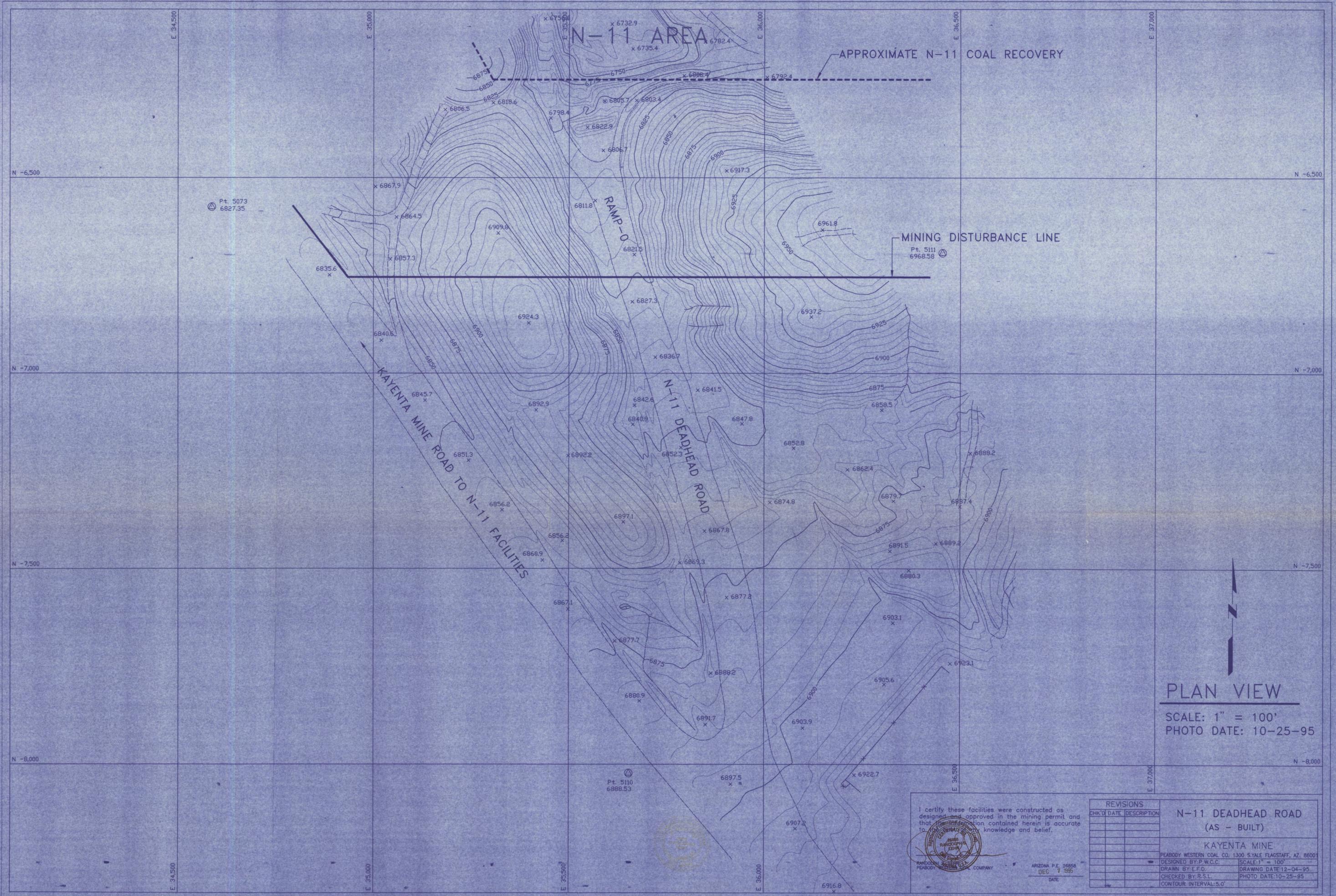
I certify these facilities were constructed as designed and approved in the mining permit and that the information contained herein is accurate to the best of my knowledge and belief.

REVISIONS

DATE	BY	DESCRIPTION
06/26/09	SA	N11-A1 SPILL & TAIL BOX
07/11/13	SA	Pond Remedial Work

EXHIBIT #1
N11-A, N11-A1, N11-A2 PONDS (AS-BUILTS)
KAYENTA MINE
PEABODY WESTERN COAL CO. P.O. BOX 650 KAYENTA, AZ 86033
DESIGNED BY: P.W.C.C. SCALE: AS SHOWN
DRAWN BY: F.D. DRAWING DATE: 01-05-95
CHECKED BY: G.A. PHOTO DATE: 05-25-10
CONTOUR INTERVAL: 2.0' SURVEY DATE: 07-02-12

DESIGNED: 09/26/2014
Gary Altshuler
Arizona P.E. No. 37842



N-11 AREA

APPROXIMATE N-11 COAL RECOVERY

MINING DISTURBANCE LINE

KAYENTA MINE ROAD TO N-11 FACILITIES

N-11 DEADHEAD ROAD

Pt. 5110
6888.53

Pt. 5073
6827.35

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.



ARIZONA P.E. 26858
DEC 7 1995

REVISIONS		
CHK'D	DATE	DESCRIPTION

**N-11 DEADHEAD ROAD
(AS - BUILT)**

KAYENTA MINE

PEABODY WESTERN COAL CO. 1300 S. YALE FLAGSTAFF, AZ. 86001

DESIGNED BY: P.W.C.C. SCALE: 1" = 100'

DRAWN BY: E.F.D. DRAWING DATE: 12-04-95

CHECKED BY: R.S.L. PHOTO DATE: 10-25-95

CONTOUR INTERVAL: 5.0'

PLAN VIEW

SCALE: 1" = 100'
PHOTO DATE: 10-25-95

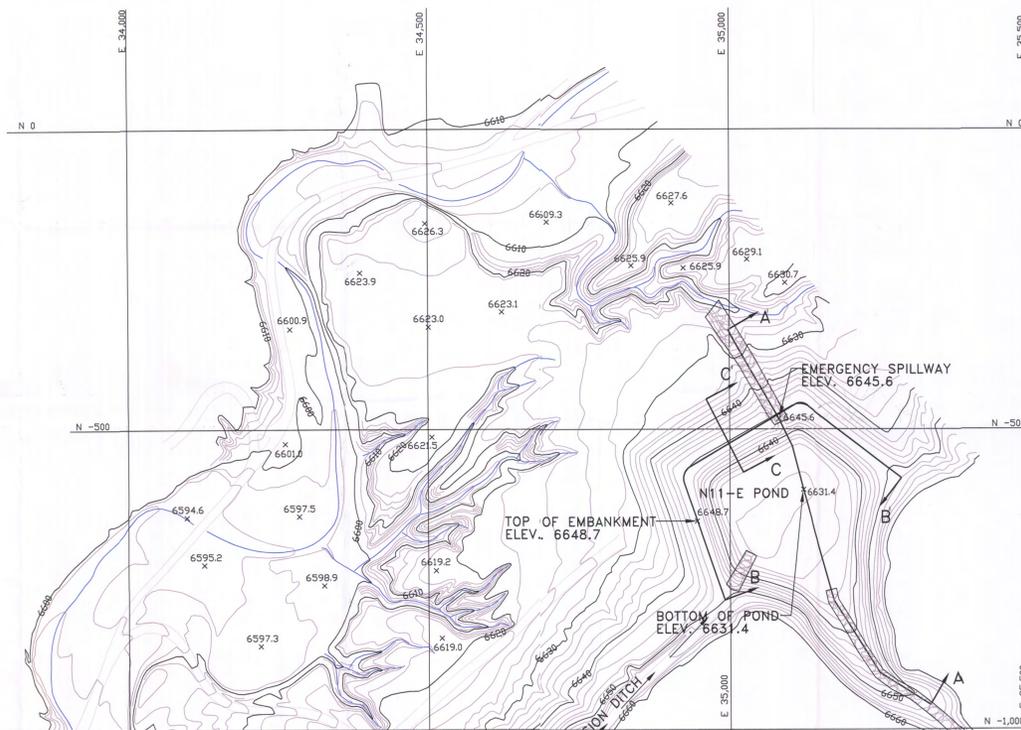


N11-C POND STAGE CAPACITY TABLE

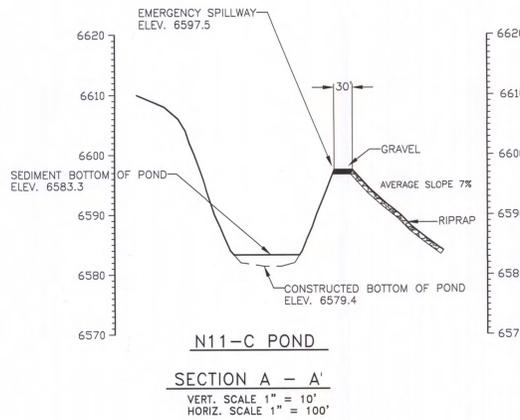
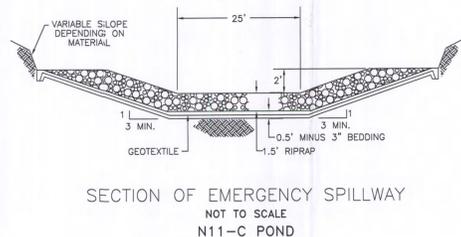
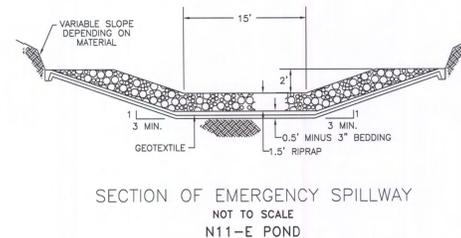
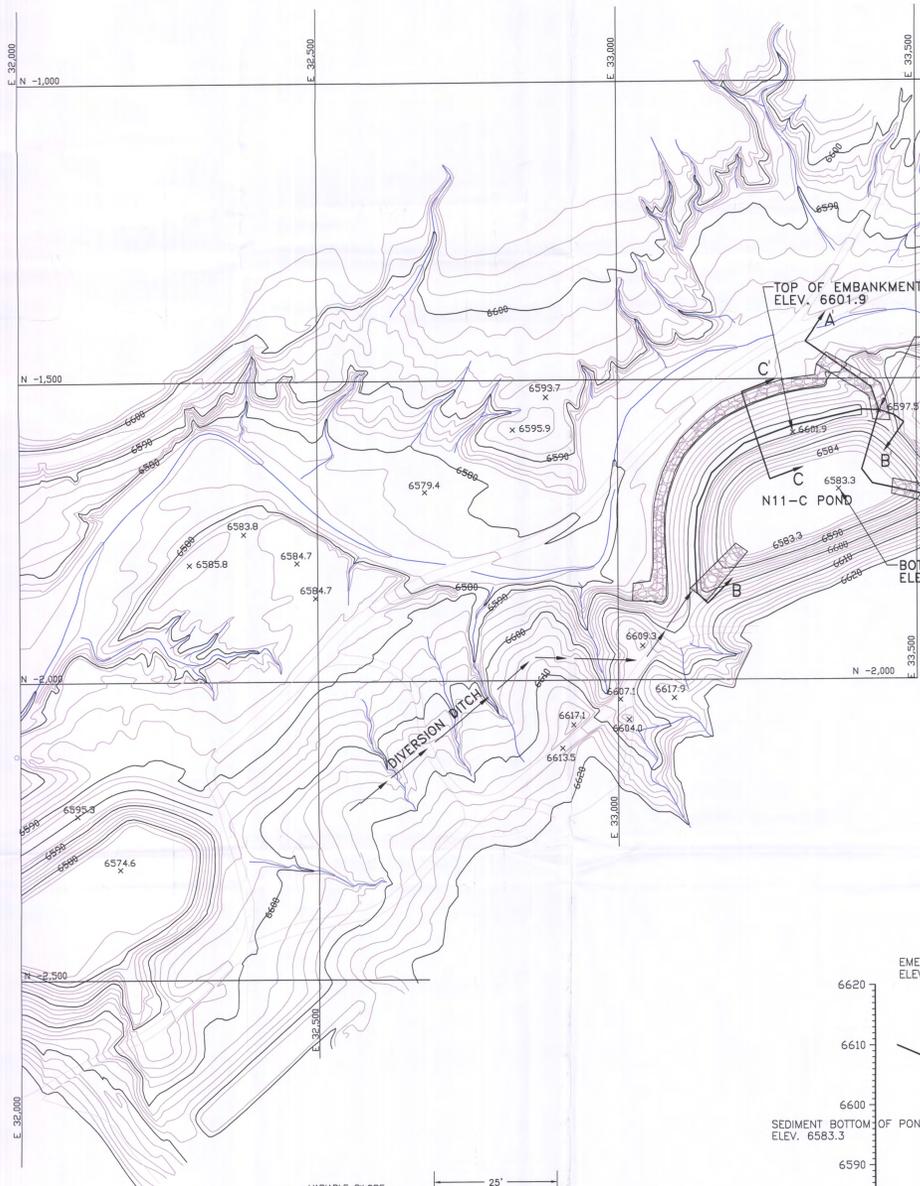
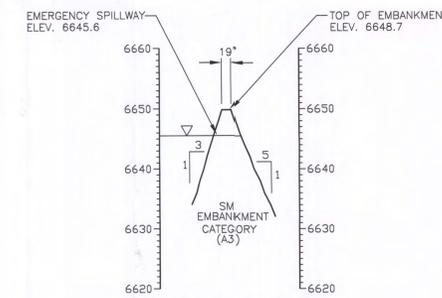
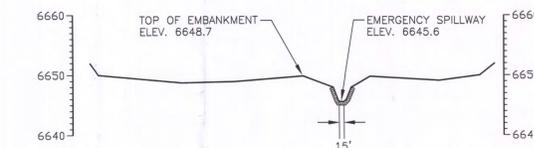
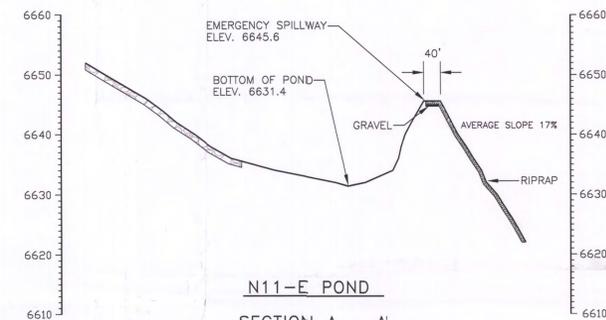
Elevation (ft-msl)	Stage (ft)	Area (Acres)	Capacity (ac-ft)	Total Capacity (ac-ft)	Description
6579.4	0.0	0.00	0.00	0.00	Constructed Bottom of Pond
6583.3	0.0	0.66	0.00	0.00	Sediment Bottom of Pond
6584.0	0.7	0.77	0.49	0.49	
6586.0	2.7	0.88	1.65	2.14	
6588.0	4.7	1.00	1.88	4.02	
6590.0	6.7	1.11	2.11	6.13	
6592.0	8.7	1.23	2.34	8.47	
6594.0	10.7	1.36	2.59	11.06	
6596.0	12.7	1.48	2.84	13.90	
6597.5	14.2	1.57	2.29	16.18	Emergency Spillway
6598.0	14.7	1.60	0.79	16.98	
6600.0	16.7	1.69	3.29	20.27	
6601.9	18.6	1.85	3.36	23.63	Top of Embankment

N11-E POND STAGE CAPACITY TABLE

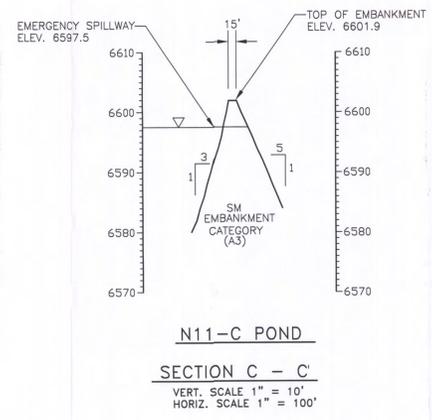
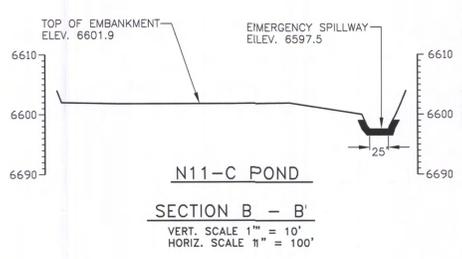
Elevation (ft-msl)	Stage (ft)	Area (Acres)	Capacity (ac-ft)	Total Capacity (ac-ft)	Description
6631.4	0.0	0.00	0.00	0.00	Bottom of Pond
6632.0	0.6	0.21	0.06	0.06	
6634.0	2.6	0.74	0.95	1.01	
6636.0	4.6	1.00	1.74	2.75	
6638.0	6.6	1.14	2.14	4.89	
6640.0	8.6	1.30	2.44	7.33	
6642.0	10.6	1.45	2.75	10.08	
6644.0	12.6	1.60	3.05	13.13	
6645.6	14.2	1.73	2.66	15.79	Emergency Spillway
6646.0	14.6	1.76	0.70	16.49	
6648.0	16.6	1.93	3.69	20.18	
6648.7	17.3	2.20	1.45	21.63	Top of Embankment



N11-E POND



N11-C POND



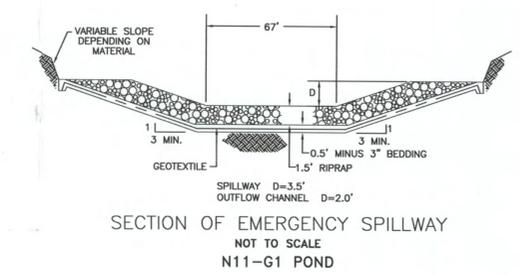
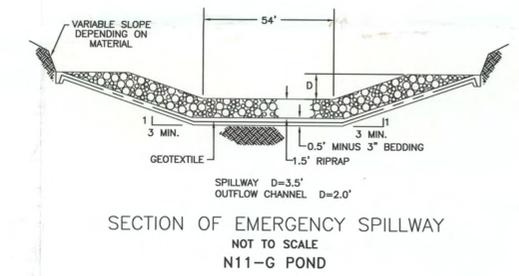
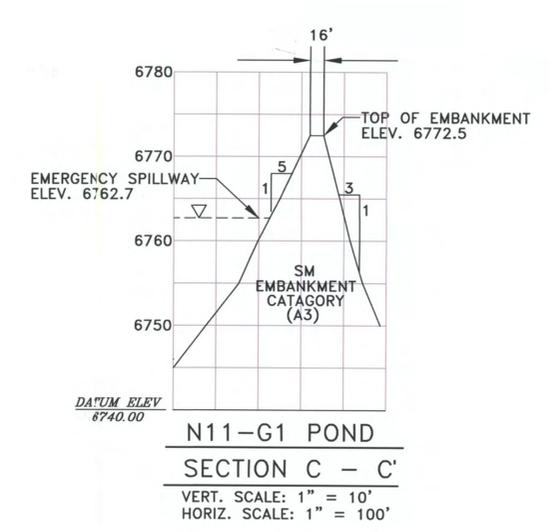
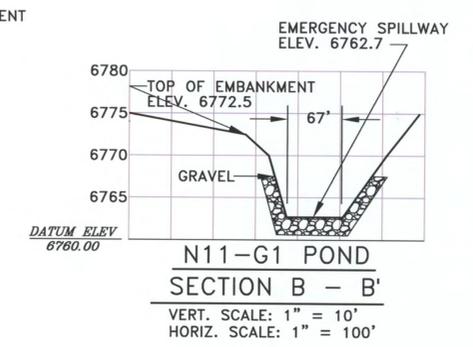
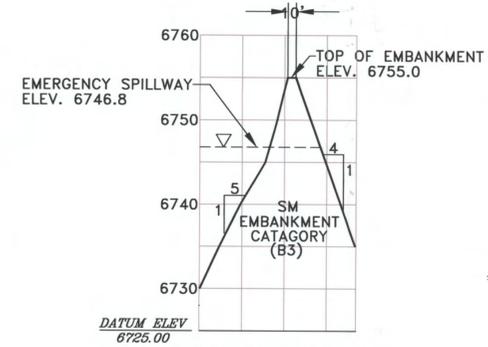
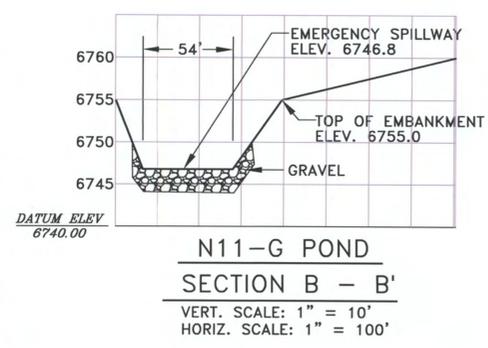
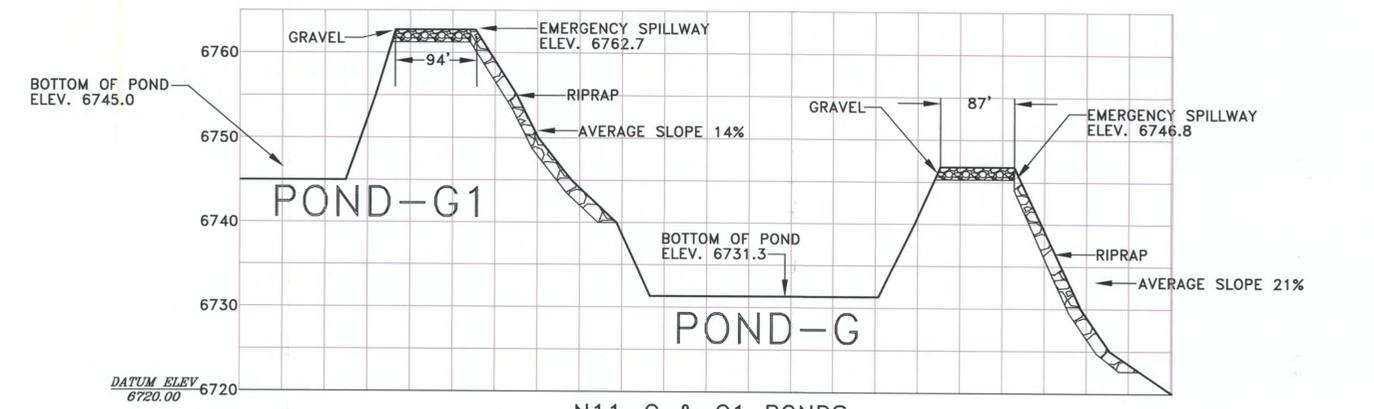
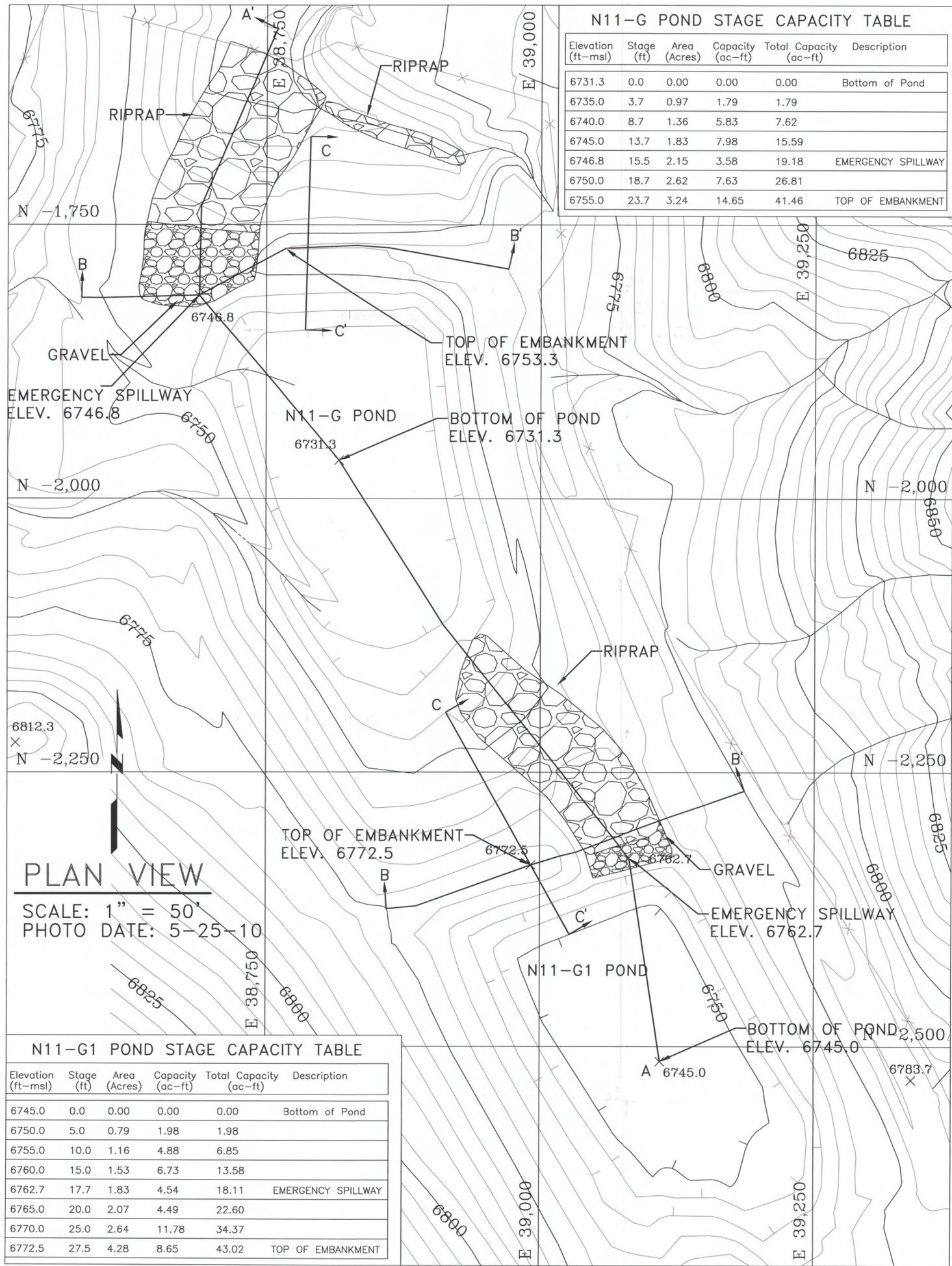
ENGINEER'S CERTIFICATION
I certify that this Siltation Structure was constructed in accordance with the approved mining permit and that the information contained herein accurately describes the constructed structure to the best of my knowledge and belief.



Gary Altissi
Regist. No. 37842
Arizona P.E. 37842
Peabody Western Coal Company

REVISIONS	DATE	DESCRIPTION
GA	8/13/11	N11-C SPWY REV

N11-E & N11-C
SEDIMENT PONDS
(AS - BUILT)
KAYENTA MINE
PEABODY WESTERN COAL CO. P.O. BOX 650 KAYENTA, AZ 86033
DESIGNED BY: P.W.C.C. SCALE: 1"=100'
DRAWN BY: E.F.D. DRAWING DATE: 02-24-95
CHECKED BY: R.S.L. PHOTO DATE: 07-01-94
CONTour INTERVAL: 2.0'



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 structures to the best of my knowledge and belief.



GARY ALTISI
PEABODY WESTERN COAL COMPANY

REVISIONS

CHK'D DATE	DESCRIPTION
GA 2/14/11	Text Removal



N11-G & G1 PONDS
(AS - BUILT)
KAYENTA MINE
PEABODY WESTERN COAL, P.O. BOX 650, KAYENTA, AZ. 86033
DESIGNED BY: G.A. SCALE: AS SHOWN
DRAWN BY: G.A. DRAWING DATE: 10/14/10
CHECKED BY: G.A. PHOTO DATE: 5/25/10
CONTOUR INTERVAL: 5'

