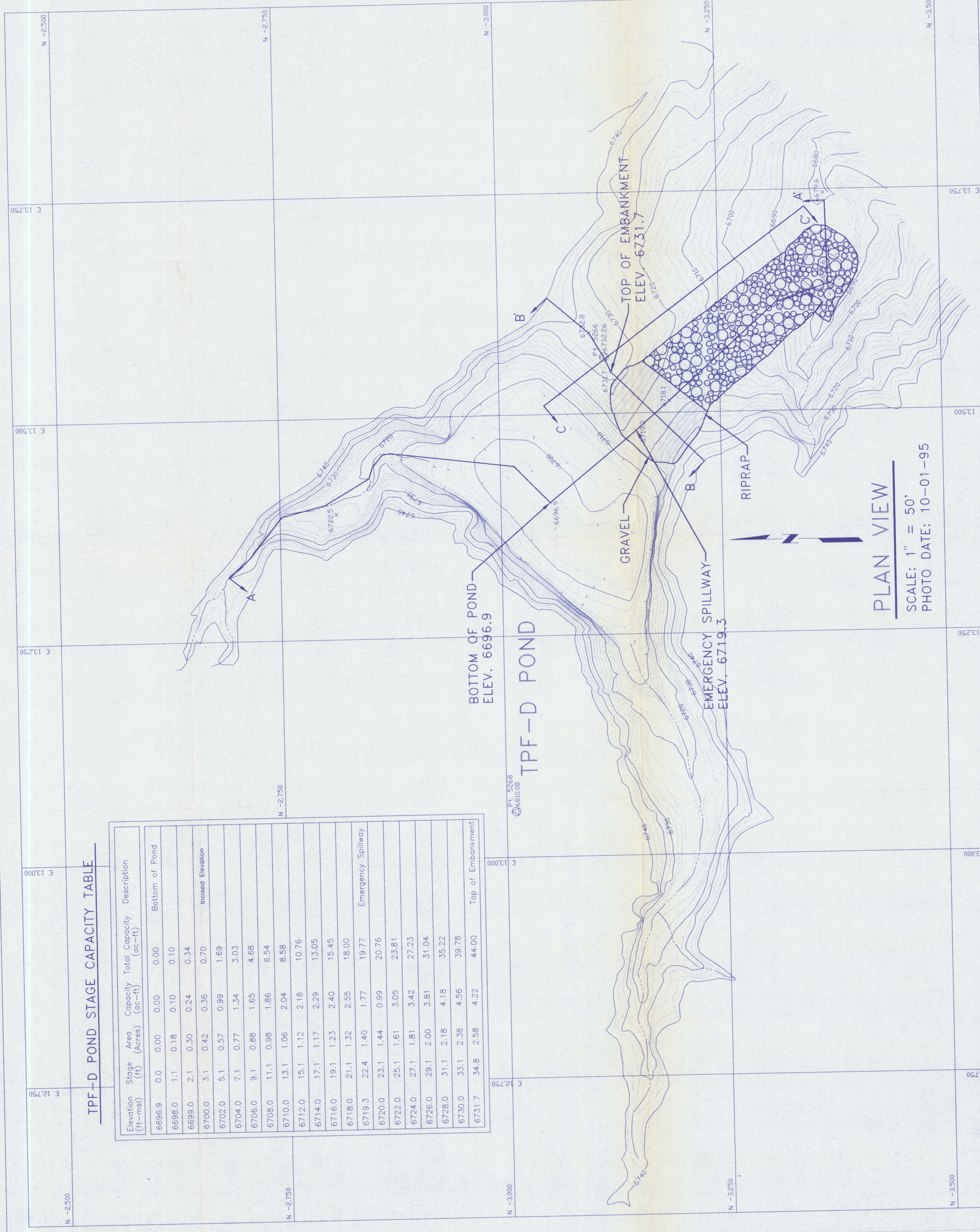


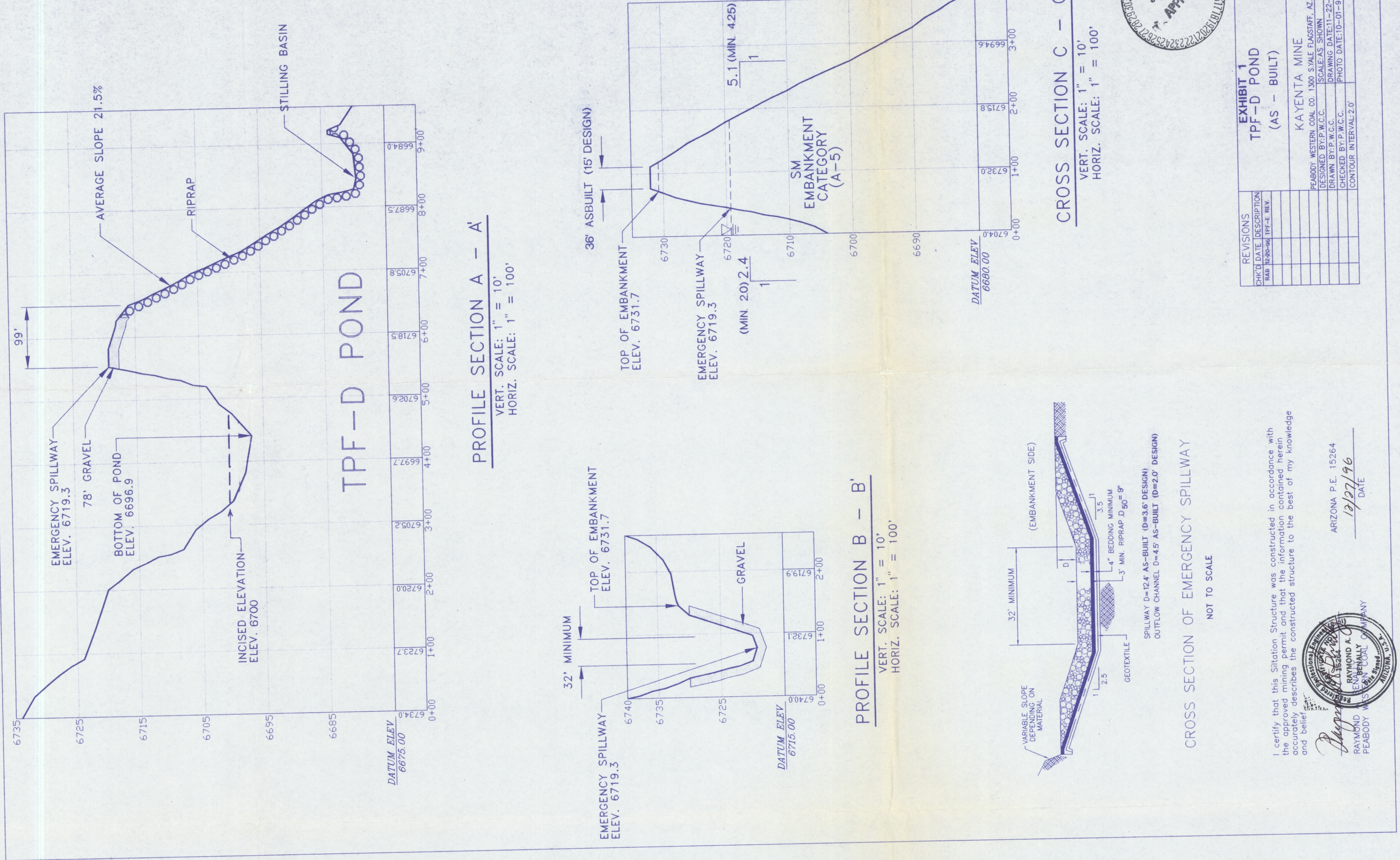
TPF-D POND STAGE CAPACITY TABLE

Elevation (ft-msl)	Stage (ft)	Area (Acres)	Capacity (ac-ft)	Total Capacity (ac-ft)	Description
6696.9	0.0	0.00	0.00	0.00	Bottom of Pond
6698.0	1.1	0.18	0.10	0.10	
6699.0	2.1	0.30	0.24	0.34	
6700.0	3.1	0.42	0.36	0.70	Incised Elevation
6702.0	5.1	0.57	0.99	1.69	
6704.0	7.1	0.77	1.34	3.03	
6706.0	9.1	0.88	1.65	4.68	
6708.0	11.1	0.98	1.86	6.54	
6710.0	13.1	1.06	2.04	8.58	
6712.0	15.1	1.12	2.18	10.76	
6714.0	17.1	1.17	2.29	13.05	
6716.0	19.1	1.23	2.40	15.45	
6718.0	21.1	1.32	2.55	18.00	
6719.3	22.4	1.40	1.77	19.77	Emergency Spillway
6720.0	23.1	1.44	0.99	20.76	
6722.0	25.1	1.61	3.05	23.81	
6724.0	27.1	1.81	3.42	27.23	
6726.0	29.1	2.00	3.81	31.04	
6728.0	31.1	2.18	4.18	35.22	
6730.0	33.1	2.38	4.56	39.78	
6731.7	34.8	2.58	4.22	44.00	Top of Embankment



PLAN VIEW

SCALE: 1" = 50'
PHOTO DATE: 10-01-95



PROFILE SECTION A - A

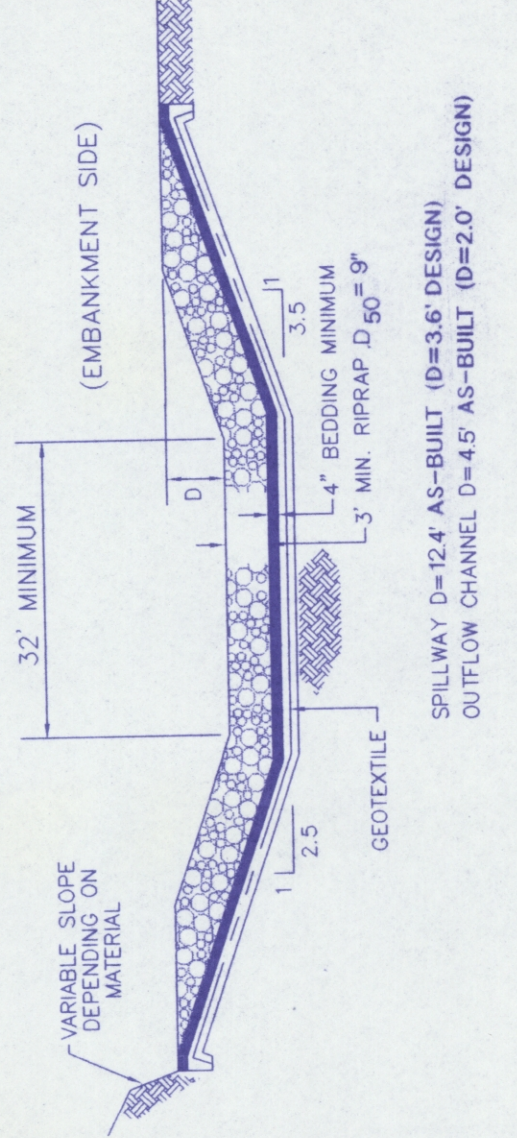
VERT. SCALE: 1" = 10'
HORIZ. SCALE: 1" = 100'

PROFILE SECTION B - B

VERT. SCALE: 1" = 10'
HORIZ. SCALE: 1" = 100'

CROSS SECTION C - C

VERT. SCALE: 1" = 10'
HORIZ. SCALE: 1" = 100'



CROSS SECTION OF EMERGENCY SPILLWAY
NOT TO SCALE

I certify that this Station 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. 15264
10/27/96
DATE

NO.	DATE	DESCRIPTION
1	10-27-96	TPF-D POND (AS - BUILT)

EXHIBIT 1
TPF-D POND
(AS - BUILT)

KAYENTA MINE
PEABODY WESTERN COAL CO. L100 STATE FANGSHP. AZ 89001
DESIGNED BY P.E.C.C. DRAWING DATE: 11-22-95
CHECKED BY P.E.C.C. DRAWING DATE: 11-01-95
CONTOUR INTERVAL: 2.0'

