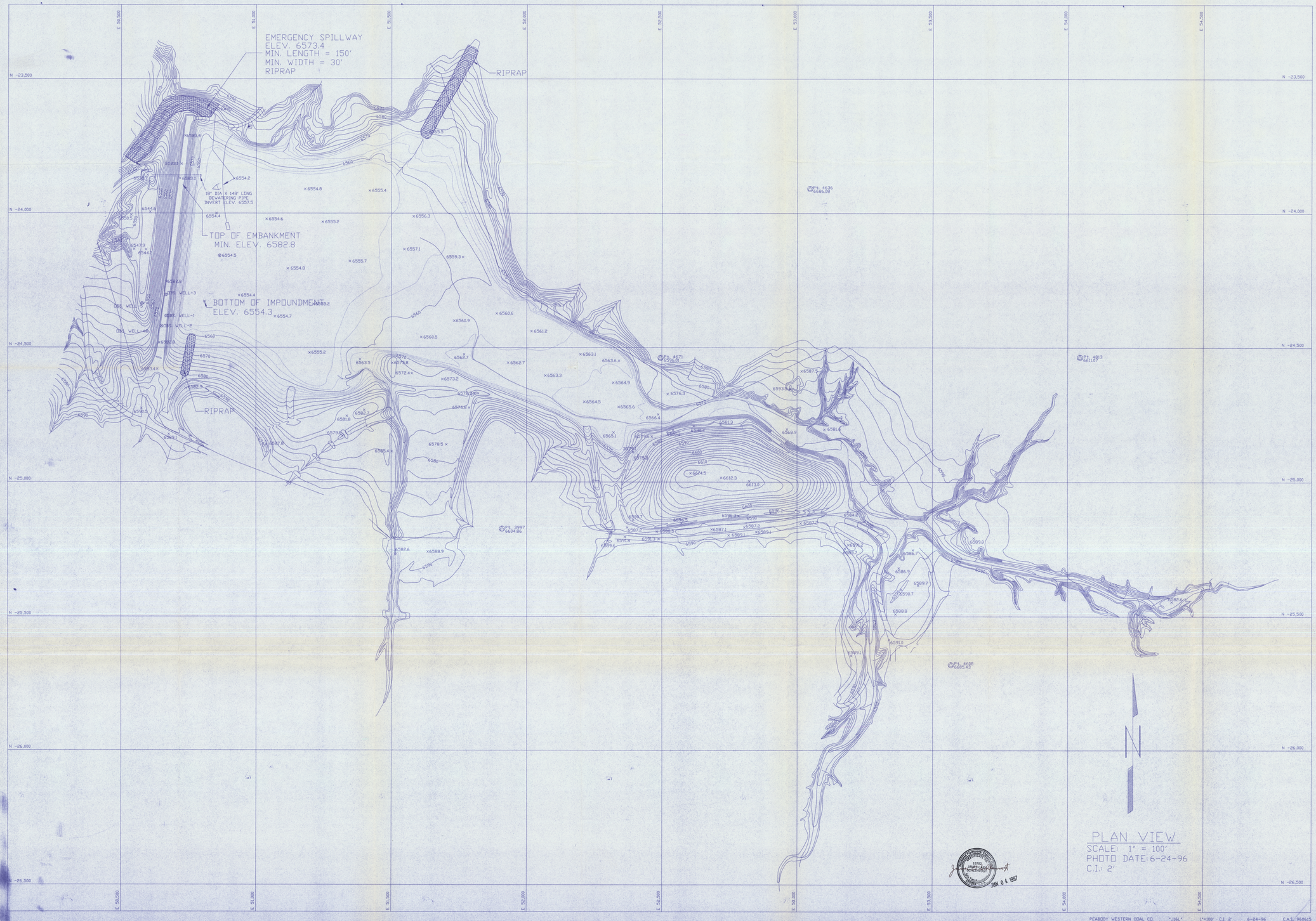
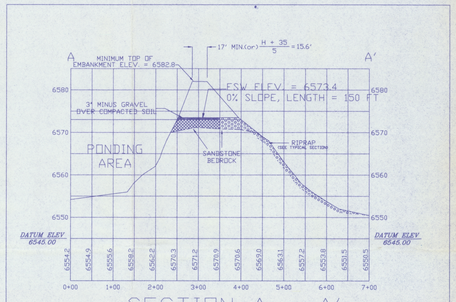
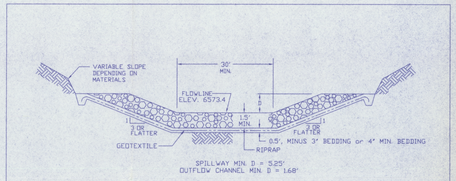


PLAN VIEW
SCALE: 1" = 100'
PHOTO DATE: 6-24-96
C.I.: 2'



SECTION A - A'
VERTICAL SCALE: 1" = 10'
HORIZONTAL SCALE: 1" = 100'



J16-L DAM
TYPICAL SECTION OF EMERGENCY SPILLWAY
(NOT DRAWN TO SCALE)

Elevation (ft-msl)	Stage (ft)	Area (Acres)	Capacity (ac-ft)	Total Capacity (ac-ft)	Description
6554.3	0.0	0.00	0.00	0.00	BOTTOM OF POND
6556.0	1.7	10.51	8.93	8.93	
6558.0	3.7	13.17	23.68	32.61	
6560.0	5.7	15.59	28.76	61.37	
6562.0	7.7	19.64	35.23	96.60	
6564.0	9.7	22.94	42.58	139.18	
6566.0	11.7	25.35	48.29	187.47	
6568.0	13.7	26.95	52.30	239.77	
6570.0	15.7	28.73	55.68	295.45	
6571.2	16.9	29.88	35.17	330.62	
6572.0	17.7	30.65	24.21	354.83	
6573.0	18.7	31.92	31.29	386.12	
6573.4	19.1	32.43	16.12	398.99	EMERGENCY SPILLWAY
6574.0	19.7	33.19	16.44	418.67	
6576.0	21.7	35.83	69.02	487.69	
6578.0	23.7	38.67	74.50	562.19	
6580.0	25.7	42.45	81.12	643.31	
6582.8	27.7	46.18	88.63	767.39	TOP OF EMBANKMENT

DRAWING NO. 85416B
J16-L REED VALLEY DAM
MSHA ID NO. 1211-AZ-09-01195-08
(AS-BUILT)

KAYENTA MINE
PEABODY WESTERN COAL COMPANY
1300 SOUTH YALE ST. FLAGSTAFF, ARIZONA 86001

DESIGNED BY: PWCC	SCALE: AS SHOWN
DRAWN BY: PWCC	DRAWING DATE: 6-4-97
CHECKED BY: JGS	PHOTO DATE: 6-24-96
CONTOUR INT.: 2 FT.	DWG FILE: J16-L2.DWG

PEABODY WESTERN COAL CO. "J16L" 1"=100' C.I. 2' 6-24-96 C.A.S. 960615