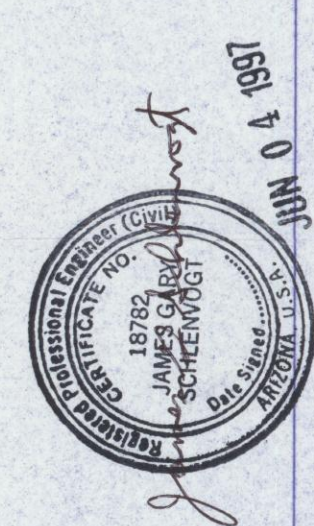




PLAN VIEW
SCALE: 1" = 100'
PHOTO DATE: 6-24-96
C.I.: 2'

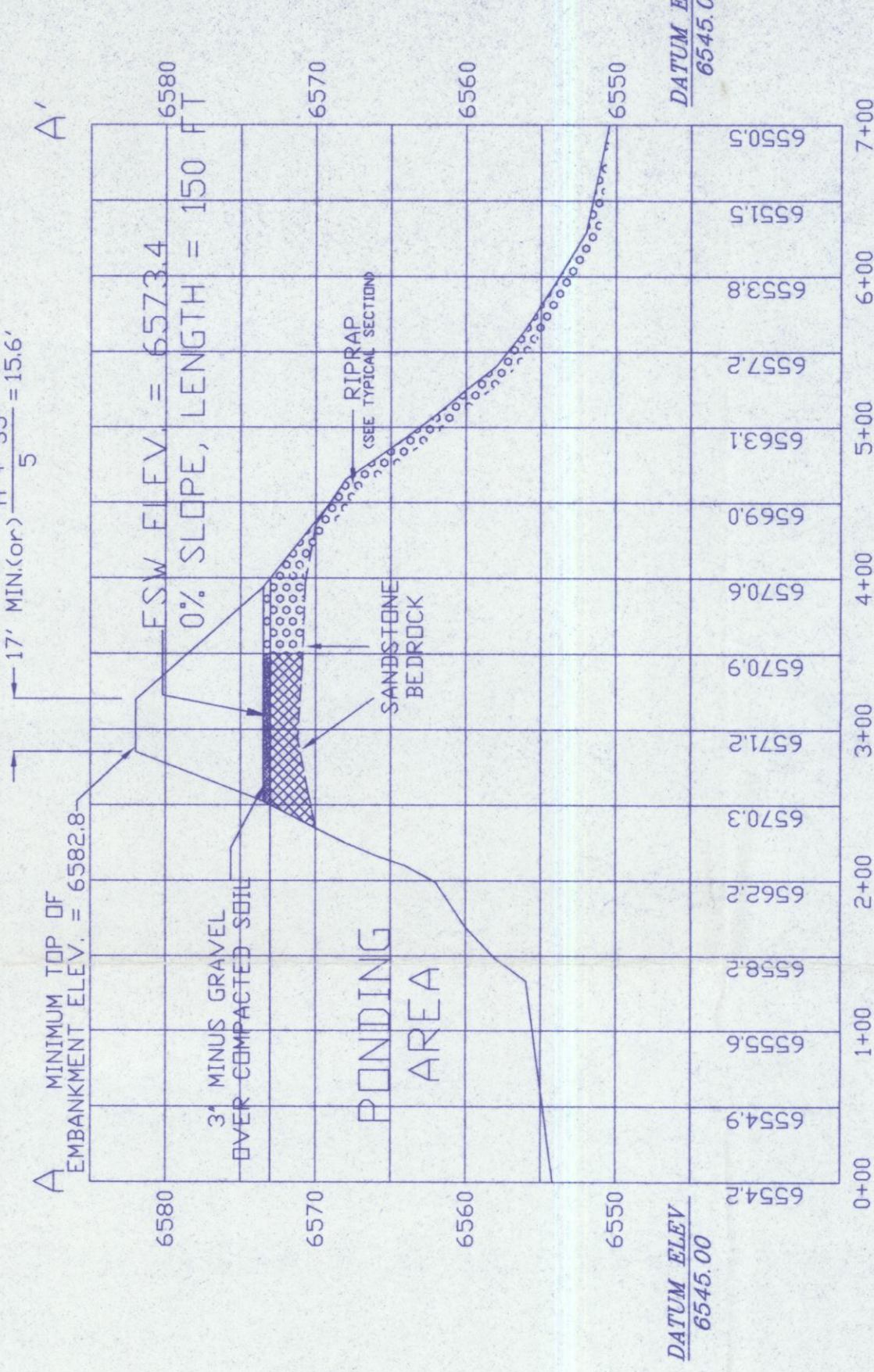


PEABODY WESTERN COAL CO. "JEL" 1"=100' C.I. 2' 6-24-96 C.A.S. 96605

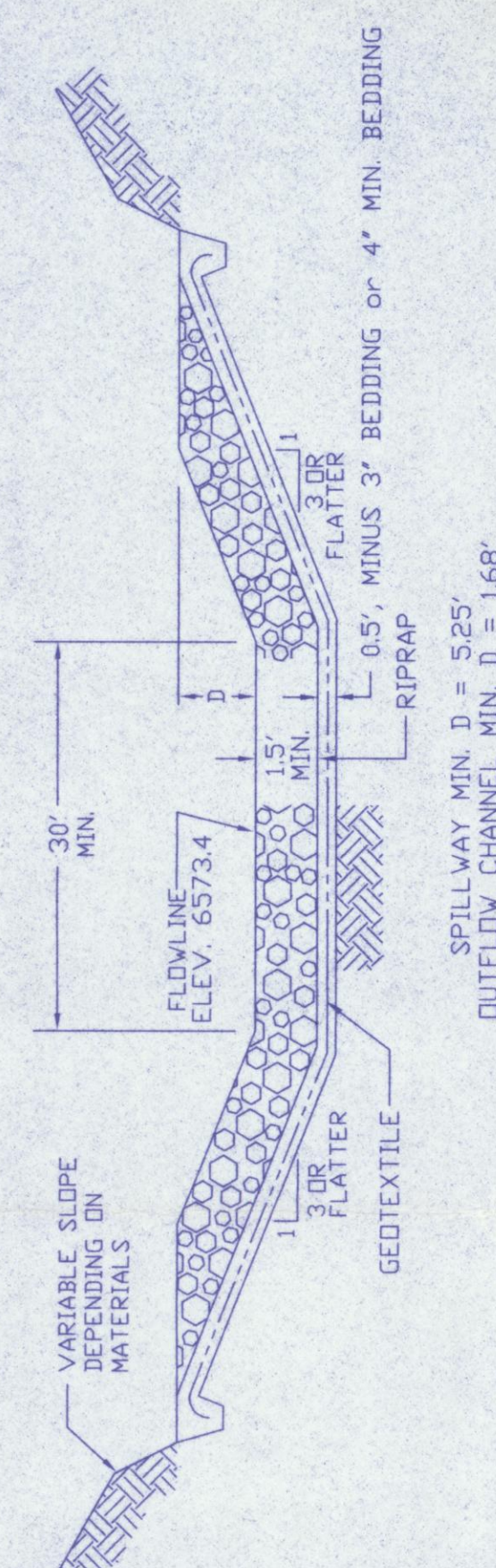
DRAWING NO. 85416B
J16-L REED VALLEY DAM
MSHA ID NO. 1211-AZ-09-01195-08



KAYENTA MINE
PEABODY WESTERN COAL COMPANY
1300 SOUTH YALE ST. FLAGSTAFF, ARIZONA 86001
DESIGNED BY: PWCC SCALE: AS SHOWN
DRAWN BY: PWCC SCALE: AS SHOWN
CHECKED BY: JGS PHOTO DATE: 6-24-96
CONTOUR INT.: 2 FT. DWG FILE: J16-L2.DWG



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)	Stope (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	55.17	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	416.67	
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