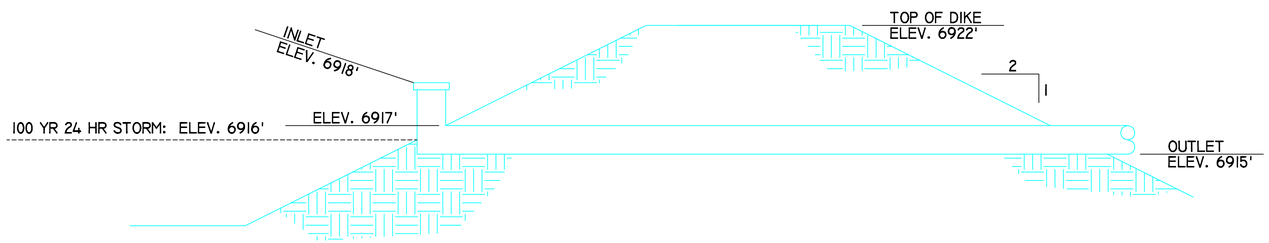
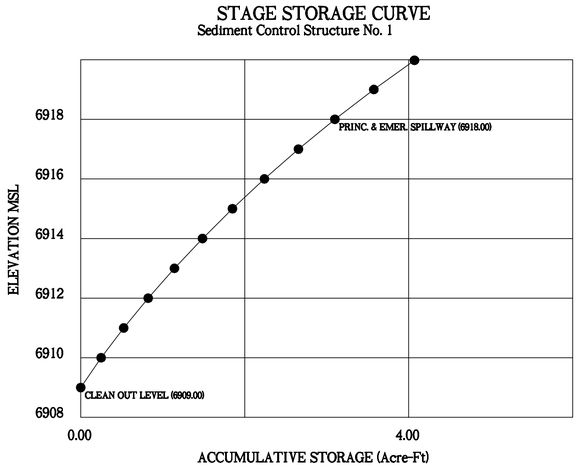


TYPICAL CROSS SECTION
Not to Scale

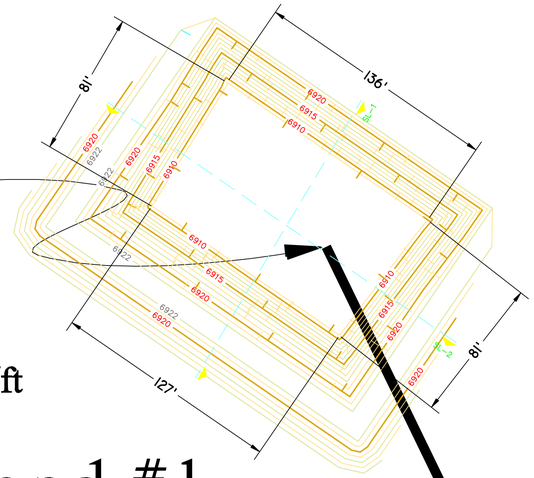


STORAGE VOLUME COMPUTATIONS

Sediment Control Structure No. 1

ELEV. (ft)	WIDTH (ft)	LENGTH (ft)	AREA (ac)	AVG. AREA (ac)	INTERVAL (ft)	STORAGE (ac-ft)	ACC. STORAGE (ac-ft)	STAGE INTERVAL (ft)
6909.00	NA	NA	0.2320					
6910.00	NA	NA	0.2650	0.2485	1.00	0.2485	0.2485	1.00
6911.00	NA	NA	0.2870	0.2760	1.00	0.2760	0.5245	2.00
6912.00	NA	NA	0.3090	0.2980	1.00	0.2980	0.8225	3.00
6913.00	NA	NA	0.3310	0.3200	1.00	0.3200	1.1425	4.00
6914.00	NA	NA	0.3540	0.3425	1.00	0.3425	1.4850	5.00
6915.00	NA	NA	0.3770	0.3655	1.00	0.3655	1.8505	6.00
6916.00	NA	NA	0.4020	0.3895	1.00	0.3895	2.2400	7.00
6917.00	NA	NA	0.4290	0.4155	1.00	0.4155	2.6555	8.00
6918.00	NA	NA	0.4590	0.4440	1.00	0.4440	3.0995	9.00
6919.00	NA	NA	0.4920	0.4755	1.00	0.4755	3.5750	10.00
6920.00	NA	NA	0.5190	0.5055	0.98	0.4954	4.0704	10.98
6922.00								

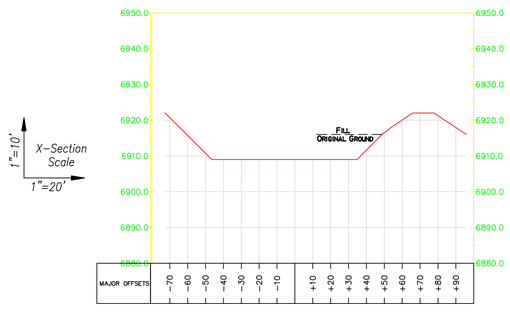
24 inch Drop Pipe Spillway
Top of riser 6918'
Bottom of riser 6915'



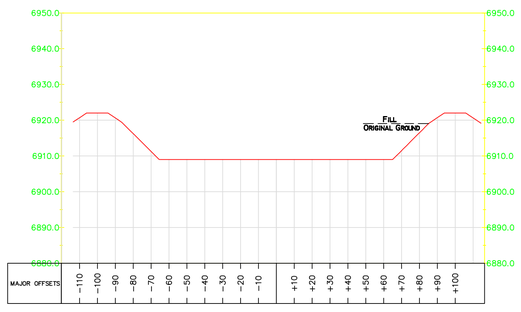
Required Storage for 100 year, 24 event = 2.57 acre/ft

Pond #1

24 inch outlet 6915'



SL-1



SL-2

Alton Coal Development
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615 North, 400 East
P.O. Box 1230
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Phone (435)687-5310
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CHRIS R. McCOURT 275875 - 2202 STATE OF UTAH

SEDIMENT IMPOUNDMENT 1 DETAILS

COAL HOLLOW PROJECT ALTON, UTAH

DRAWING: 5-28

REVISIONS

BY:								
DATE:								

DRAWN BY:	CHECKED BY:	DATE:	SCALE:	SHEET
C. MCCOURT	CM	12/18/06	1" = 40'	

DRAWING: 5-28

JOB NUMBER: 1400