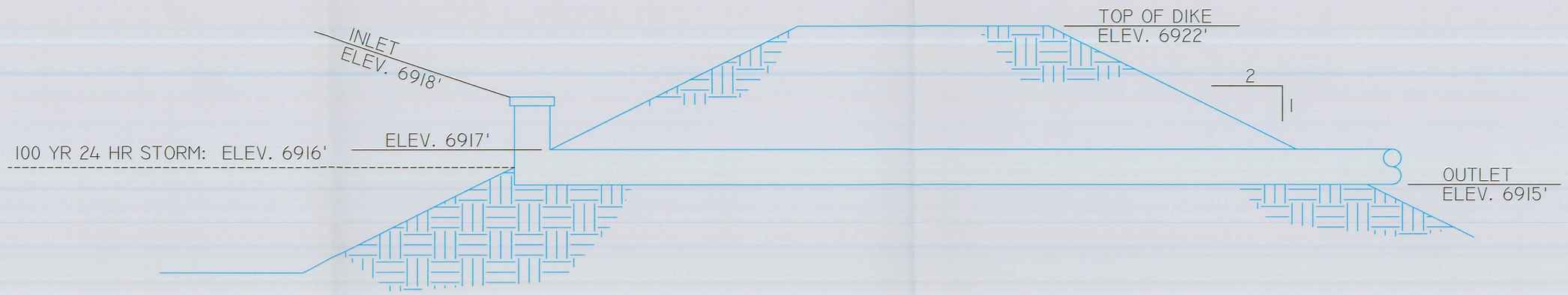
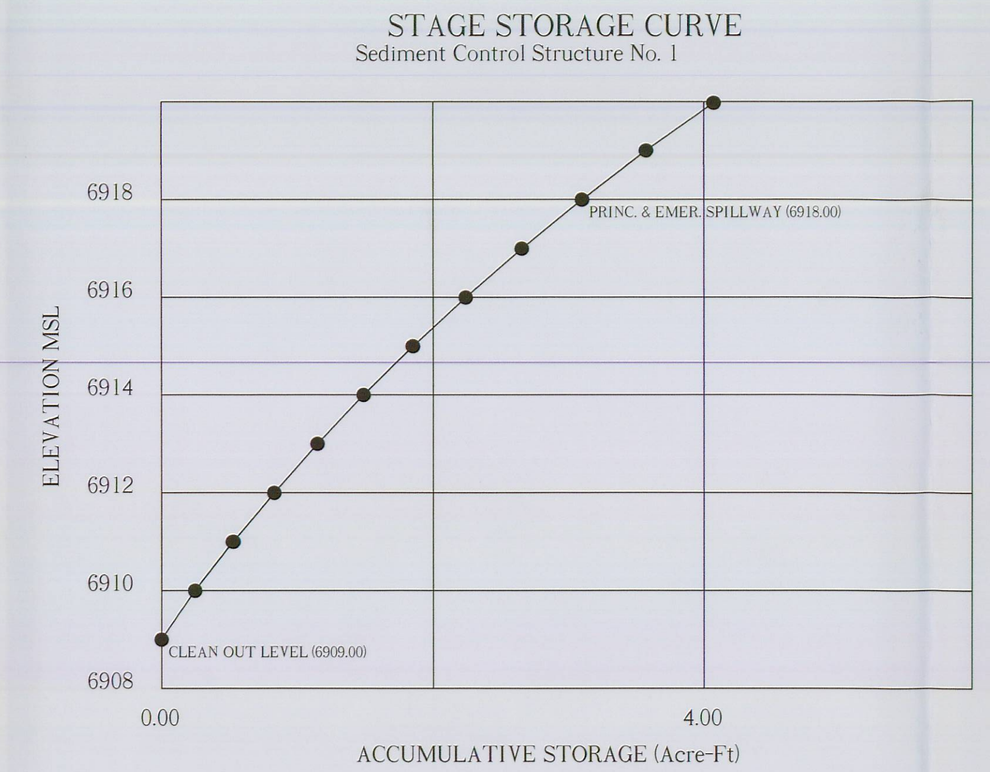
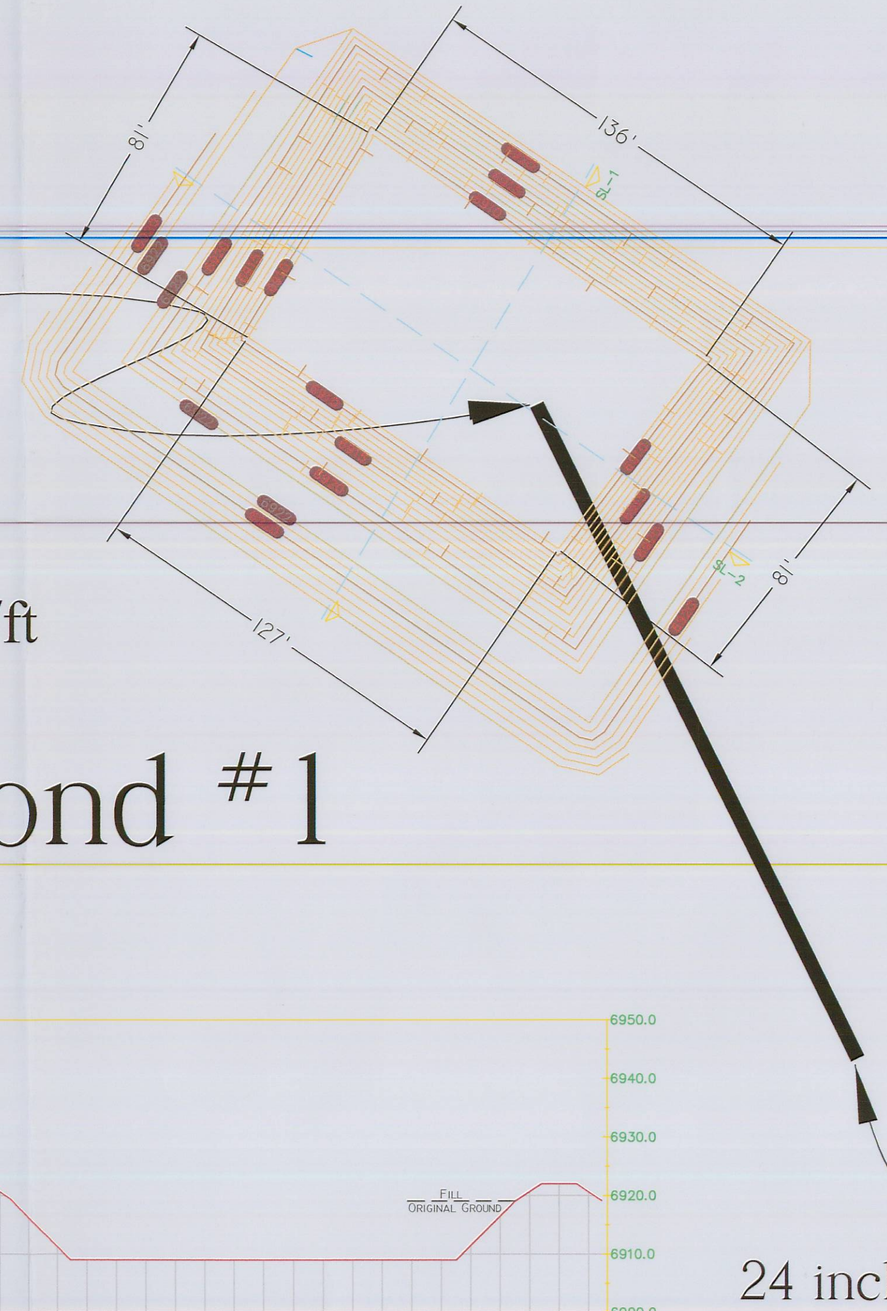


TYPICAL CROSS SECTION

Not to Scale





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

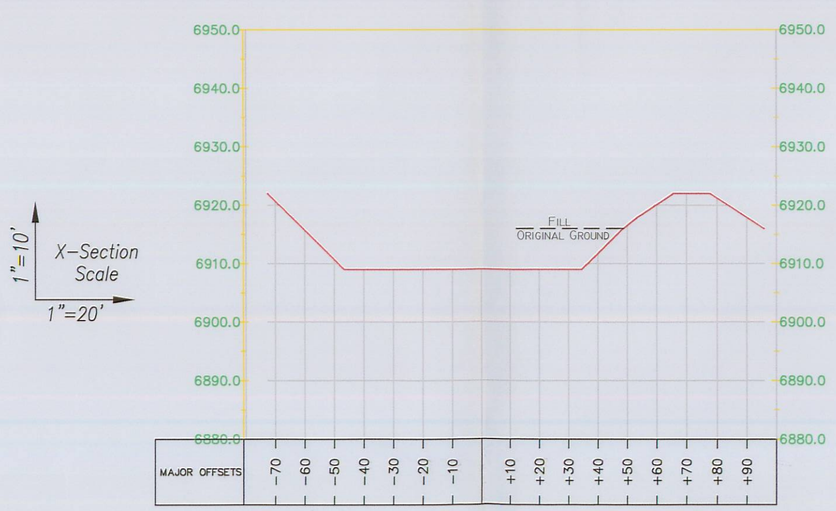
Required Storage for 100 year, 24 event = 2.57 acre/ft

Pond #1

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					
				0.2485	1.00	0.2485	0.2485	1.00
6910.00	NA	NA	0.2650					
				0.2760	1.00	0.2760	0.5245	2.00
6911.00	NA	NA	0.2870					
				0.2980	1.00	0.2980	0.8225	3.00
6912.00	NA	NA	0.3090					
				0.3200	1.00	0.3200	1.1425	4.00
6913.00	NA	NA	0.3310					
				0.3425	1.00	0.3425	1.4850	5.00
6914.00	NA	NA	0.3540					
				0.3655	1.00	0.3655	1.8505	6.00
6915.00	NA	NA	0.3770					
				0.3895	1.00	0.3895	2.2400	7.00
6916.00	NA	NA	0.4020					
				0.4155	1.00	0.4155	2.6555	8.00
6917.00	NA	NA	0.4290					
				0.4440	1.00	0.4440	3.0995	9.00
6918.00	NA	NA	0.4590					
				0.4755	1.00	0.4755	3.5750	10.00
6919.00	NA	NA	0.4920					
				0.5055	0.98	0.4954	4.0704	10.98
6920.00	NA	NA	0.5190					
6922.00								



SL-1

SL-2

Alton Coal Development
Coal Hollow Project
463 North 100 West, Suite 1
Cedar City, Utah 84720
Phone (435)867-5331
Fax (435)867-1192

Div. of Oil, Gas & Mining
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SEDIMENT IMPOUNDMENT 1 DETAILS

COAL HOLLOW PROJECT
ALTON, UTAH

DRAWING: 5-28

REVISIONS

DATE:	BY:
12-04-08	CRM

DRAWN BY:	CHECKED BY:
C. MCCOURT	GG
DRAWING: 5-28	DATE: 12/18/06
	SCALE: 1" = 40'
JOB NUMBER: 1400	SHEET