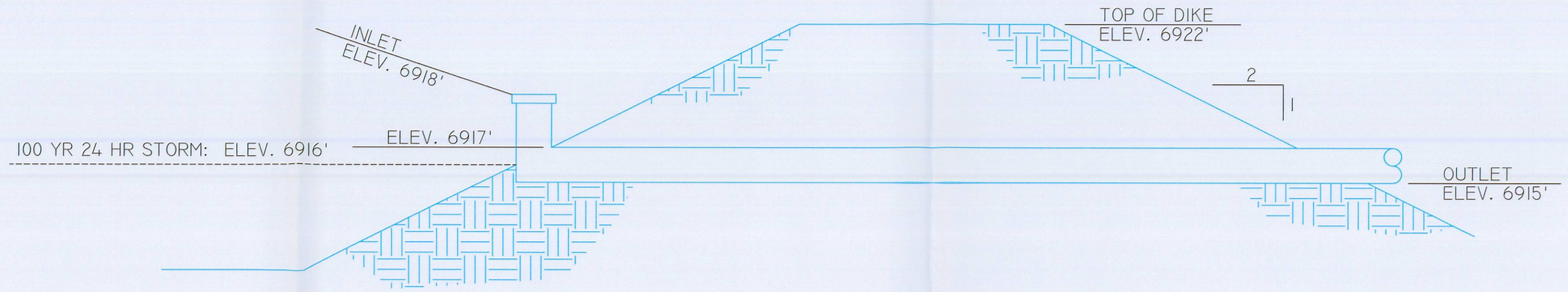
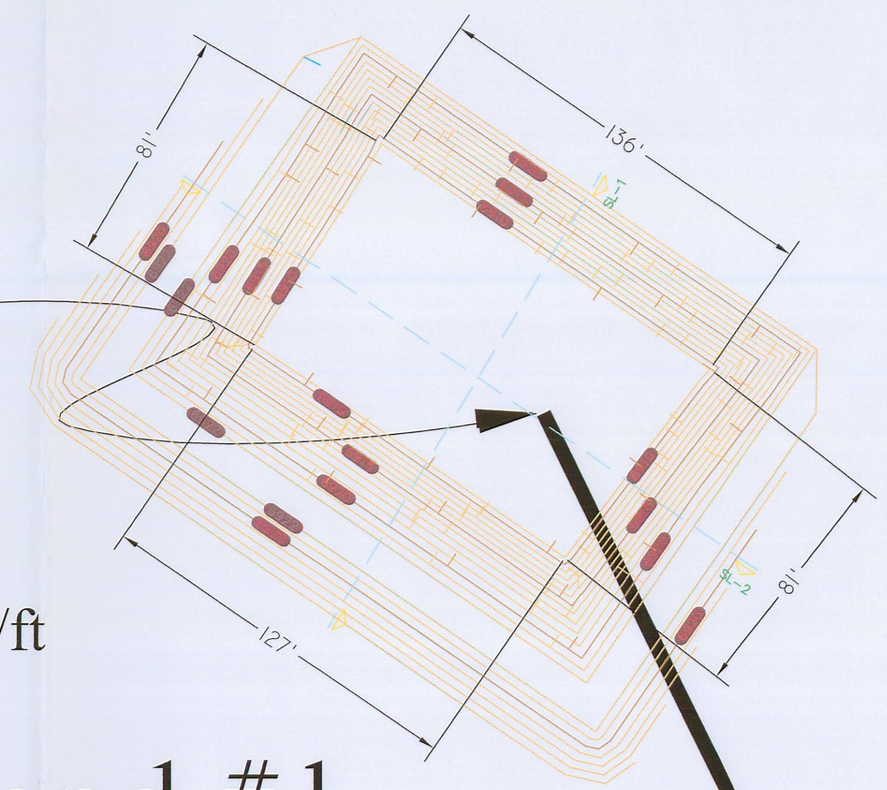


TYPICAL CROSS SECTION
Not to Scale



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

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

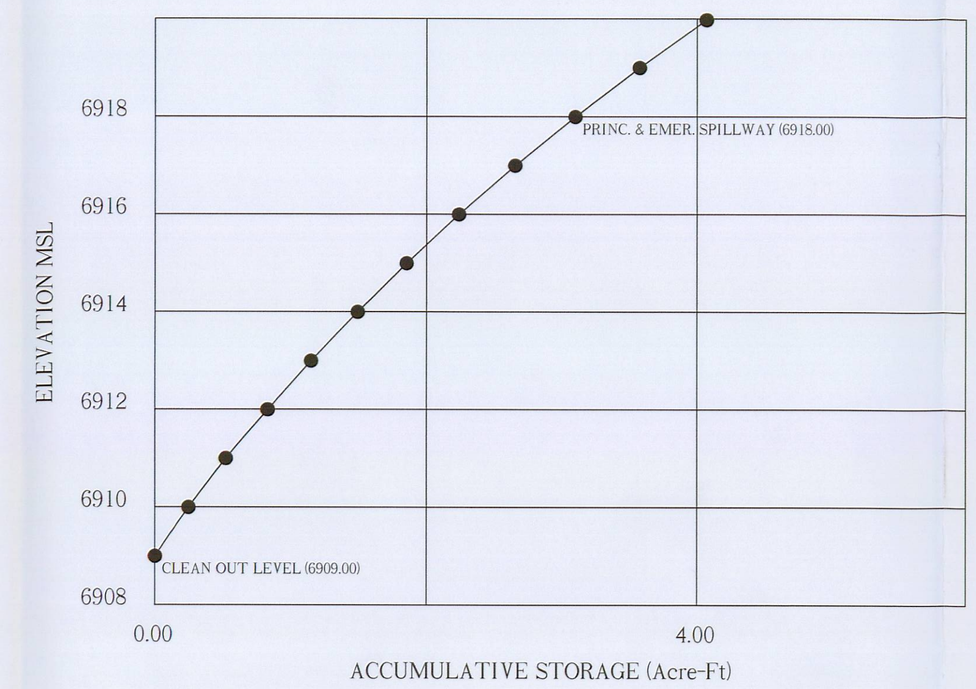
Pond #1

24 inch outlet 6915'

SL-1

SL-2

STAGE STORAGE CURVE
Sediment Control Structure No. 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								

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

File in:
☐ Confidential
☒ Shelf
☐ Expandable
Refer to Record No. ____
In C/047/0025, Date 12/22/08
For additional information

CHRIS R. McCOURT 12-19-08

SEDIMENT IMPOUNDMENT 1 DETAILS

COAL HOLLOW PROJECT
ALTON, UTAH

DRAWING: 5-28

REVISIONS	
DATE:	BY:
12-04-08	CRM

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

RECEIVED
DEC 22 2008
DIV. OF OIL, GAS & MINING