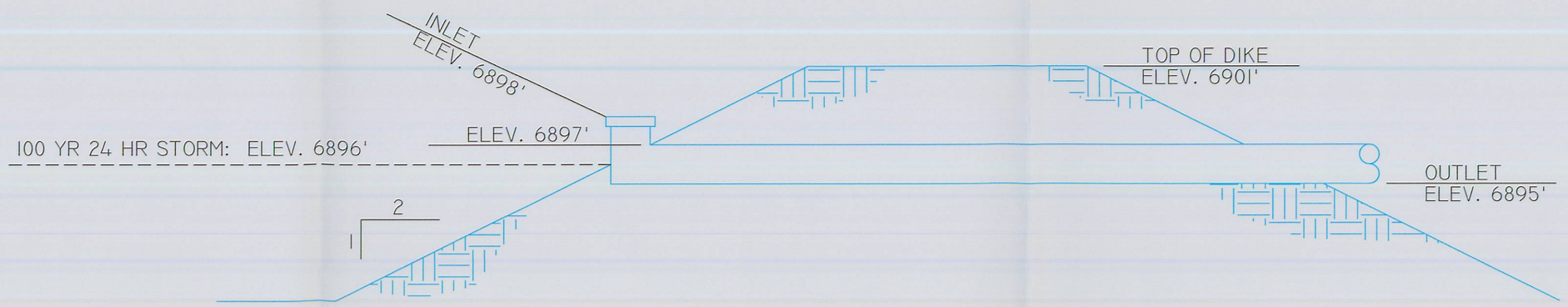
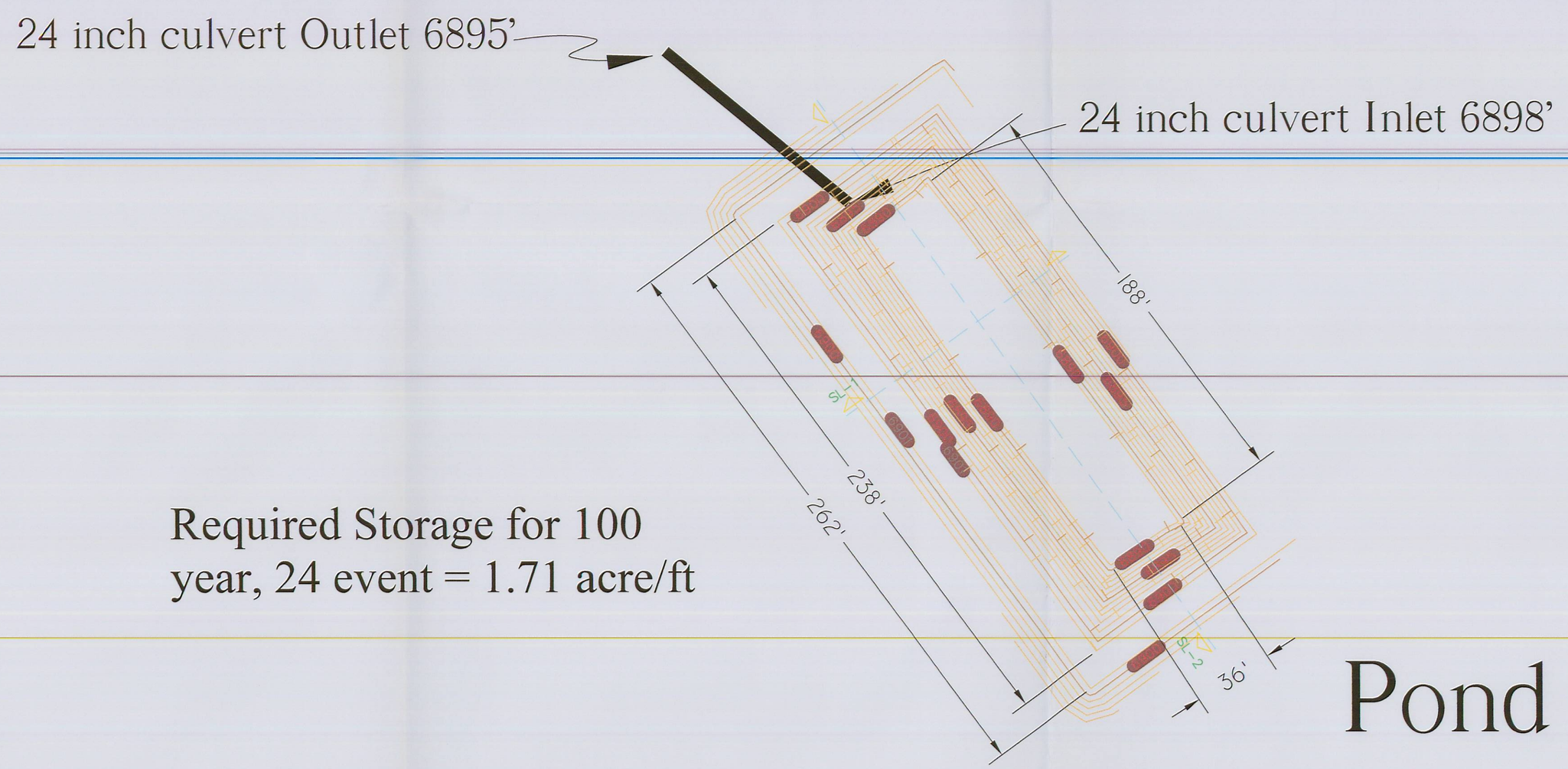
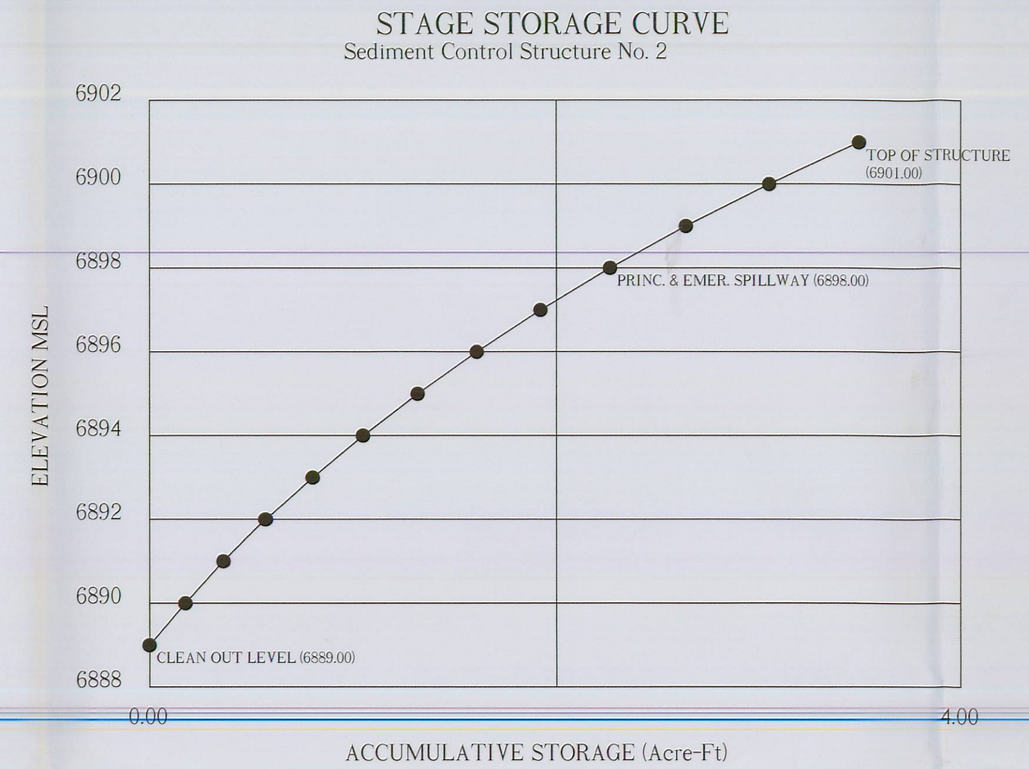


TYPICAL CROSS SECTION

Not to Scale



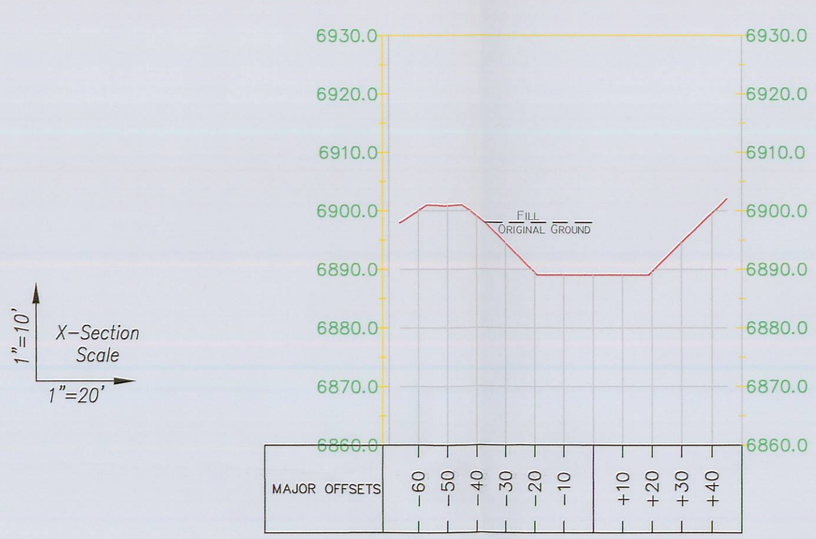
Required Storage for 100 year, 24 event = 1.71 acre/ft



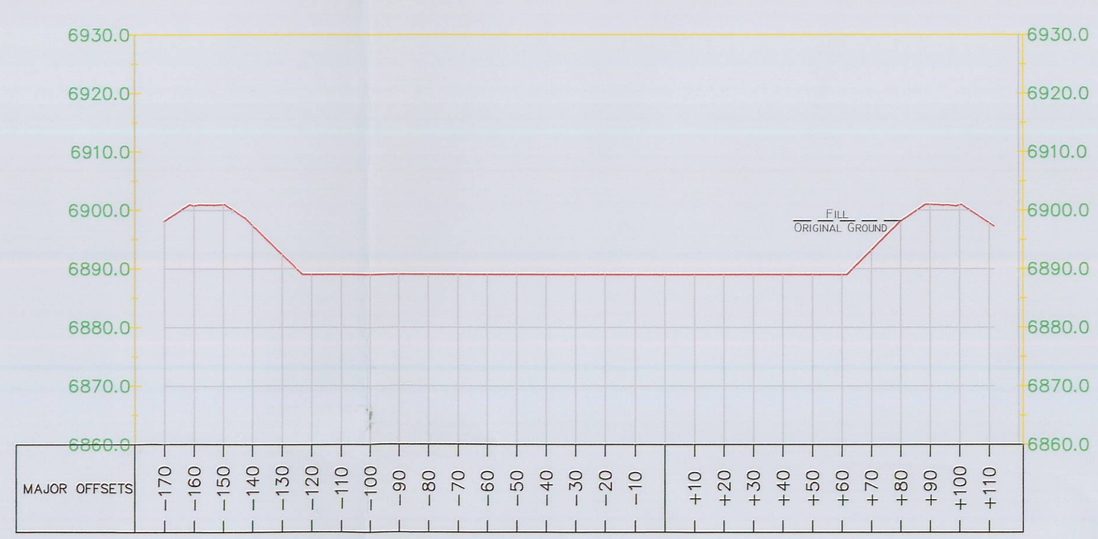
STORAGE VOLUME COMPUTATIONS

Sediment Control Structure No. 2

ELEV. (ft)	WIDTH (ft)	LENGTH (ft)	AREA (ac)	AVG. AREA (ac)	INTERVAL (ft)	STORAGE (ac-ft)	ACC. STORAGE (ac-ft)	STAGE INTERVAL (ft)
6889.00	NA	NA	0.0000					
				0.1770	1.00	0.1770	0.1770	1.00
6890.00	NA	NA	0.1770					
				0.1865	1.00	0.1865	0.3635	2.00
6891.00	NA	NA	0.1960					
				0.2060	1.00	0.2060	0.5695	3.00
6892.00	NA	NA	0.2160					
				0.2265	1.00	0.2265	0.7960	4.00
6893.00	NA	NA	0.2370					
				0.2475	1.00	0.2475	1.0435	5.00
6894.00	NA	NA	0.2580					
				0.2695	1.00	0.2695	1.3130	6.00
6895.00	NA	NA	0.2810					
				0.2925	1.00	0.2925	1.6055	7.00
6896.00	NA	NA	0.3040					
				0.3160	1.00	0.3160	1.9215	8.00
6897.00	NA	NA	0.3280					
				0.3425	1.00	0.3425	2.2640	9.00
6898.00	NA	NA	0.3570					
				0.3745	1.00	0.3745	2.6385	10.00
6899.00	NA	NA	0.3920					
				0.4085	1.00	0.4085	3.0470	11.00
6900.00	NA	NA	0.4250					
				0.4430	1.00	0.4430	3.4900	12.00
6901.00	NA	NA	0.4610					



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

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DIV. OF Oil, Gas & Mining

SEDIMENT IMPOUNDMENT 2 DETAILS

COAL HOLLOW PROJECT
ALTON, UTAH

DRAWING: 5-29

REVISIONS

DATE:	BY:
12-04-08	CRM

DRAWN BY: C. MCCOURT	CHECKED BY: GG
DRAWING: 5-29	DATE: 12/18/06
SCALE: 1" = 40'	SHEET
JOB NUMBER: 1400	