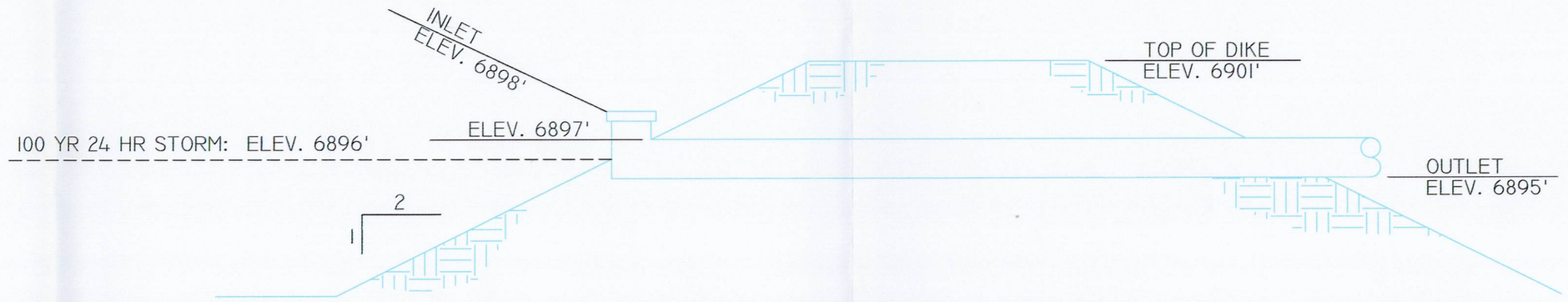
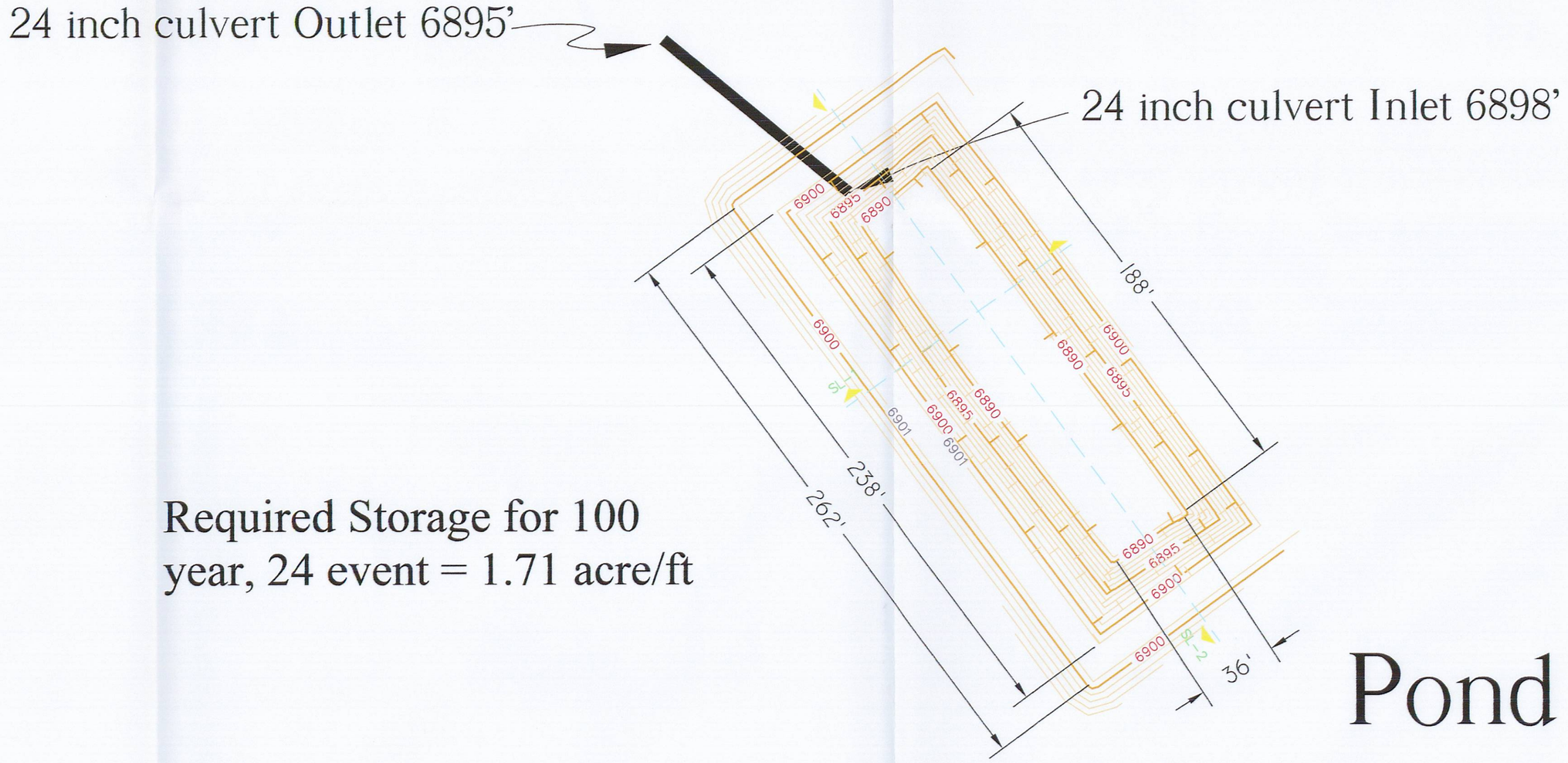
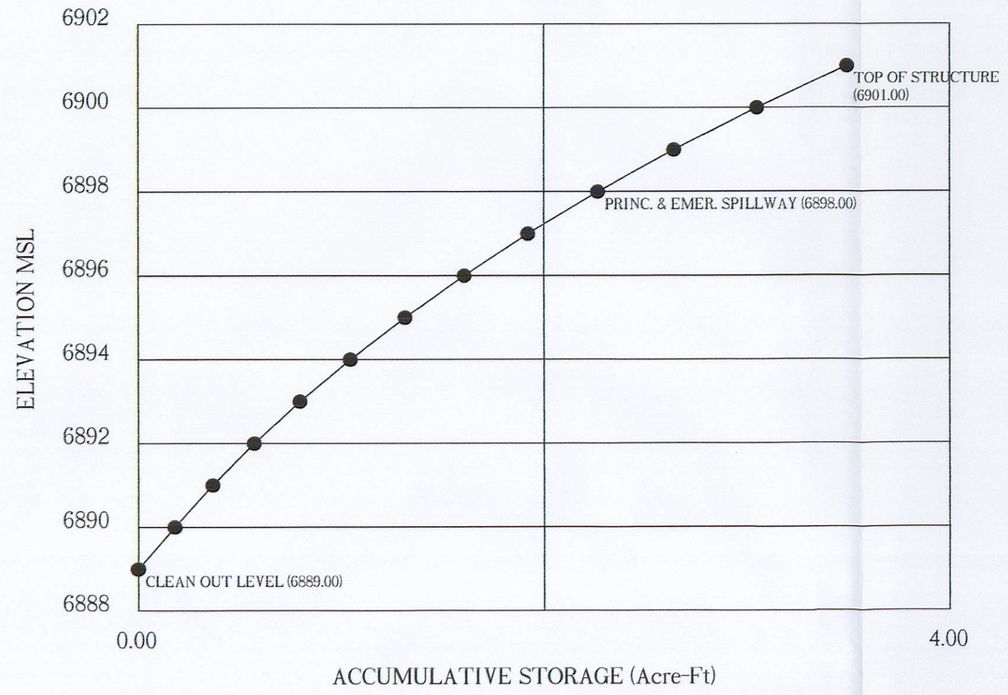


TYPICAL CROSS SECTION
Not to Scale



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

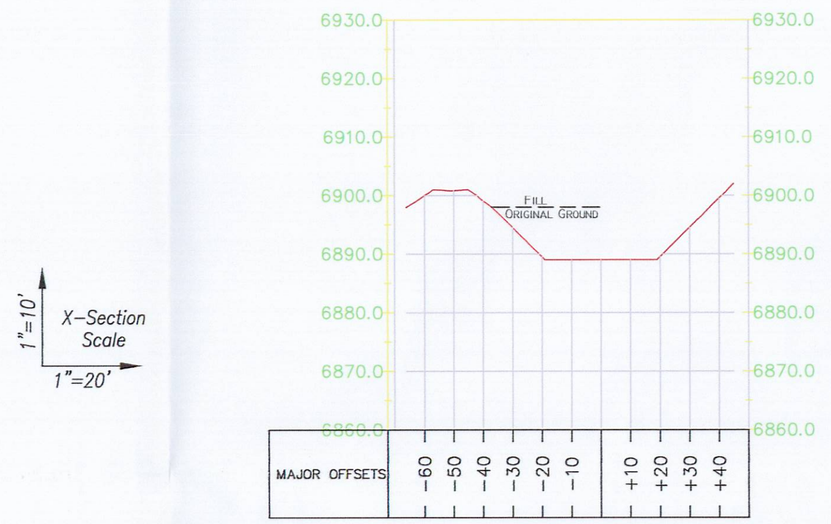
Pond #2



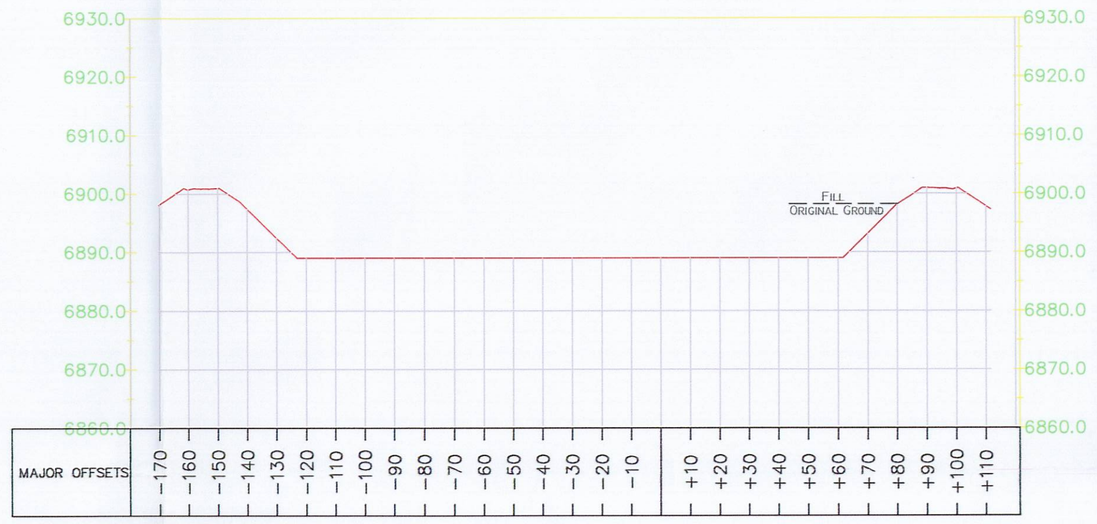
STORAGE VOLUME COMPUTATIONS

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					
6890.00	NA	NA	0.1770	0.1770	1.00	0.1770	0.1770	1.00
6891.00	NA	NA	0.1960	0.1865	1.00	0.1865	0.3635	2.00
6892.00	NA	NA	0.2160	0.2060	1.00	0.2060	0.5695	3.00
6893.00	NA	NA	0.2370	0.2265	1.00	0.2265	0.7960	4.00
6894.00	NA	NA	0.2580	0.2475	1.00	0.2475	1.0435	5.00
6895.00	NA	NA	0.2810	0.2695	1.00	0.2695	1.3130	6.00
6896.00	NA	NA	0.3040	0.2925	1.00	0.2925	1.6055	7.00
6897.00	NA	NA	0.3280	0.3160	1.00	0.3160	1.9215	8.00
6898.00	NA	NA	0.3570	0.3425	1.00	0.3425	2.2640	9.00
6899.00	NA	NA	0.3920	0.3745	1.00	0.3745	2.6385	10.00
6900.00	NA	NA	0.4250	0.4085	1.00	0.4085	3.0470	11.00
6901.00	NA	NA	0.4610	0.4430	1.00	0.4430	3.4900	12.00



SL-1



SL-2

Alton Coal Development
COAL HOLLOW PROJECT
615 North, 400 East
P.O. Box 1230
Huntington, Utah 84528
Phone (435)687-5310
Fax (435)687-5311

STATE OF UTAH — 176576 — 2202 — CHRISTOPHER D. MCCOURT — REGISTERED PROFESSIONAL ENGINEER — 6-1-07

SEDIMENT IMPOUNDMENT 2 DETAILS

RECEIVED
JUN 14 2007
DIV OF OIL, GAS & MINING

COAL HOLLOW PROJECT
ALTON, UTAH

DRAWING: 5-29

REVISIONS

DATE:	BY:

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