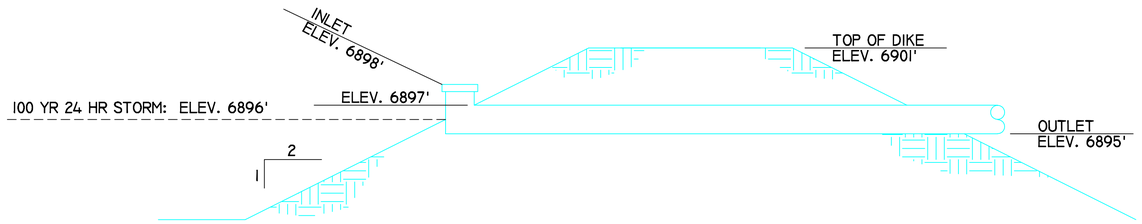
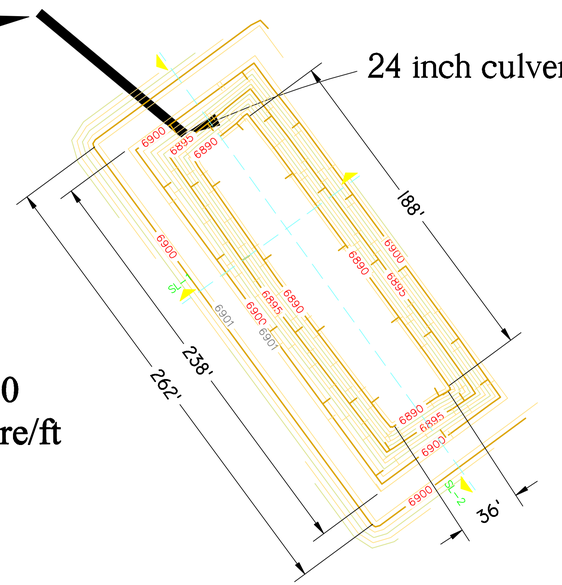


TYPICAL CROSS SECTION
Not to Scale

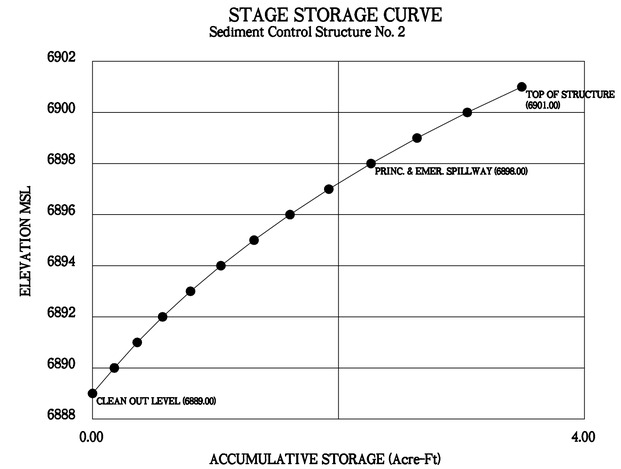
24 inch culvert Outlet 6895'

24 inch culvert Inlet 6898'



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

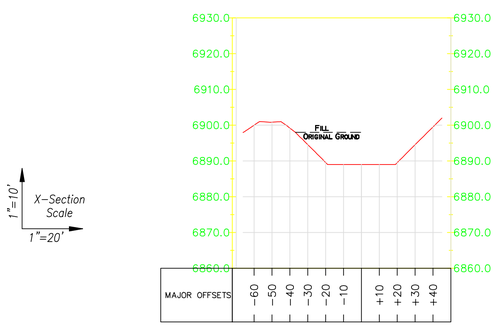
Pond #2



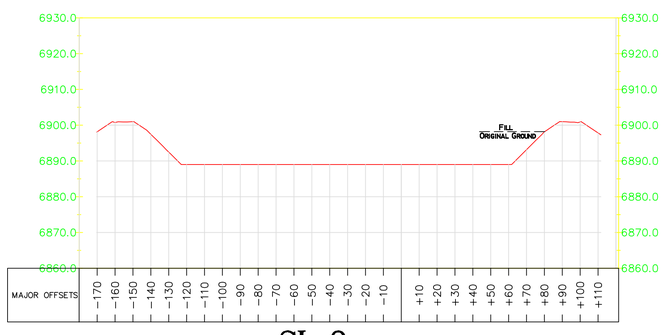
STORAGE VOLUME COMPUTATIONS

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

Professional Engineer
275875-2202
CHRIS R. MCCOURT
State of Utah

SEDIMENT IMPOUNDMENT 2 DETAILS

COAL HOLLOW PROJECT
ALTON, UTAH

DRAWING: 5-29

REVISIONS

DATE:	BY:

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