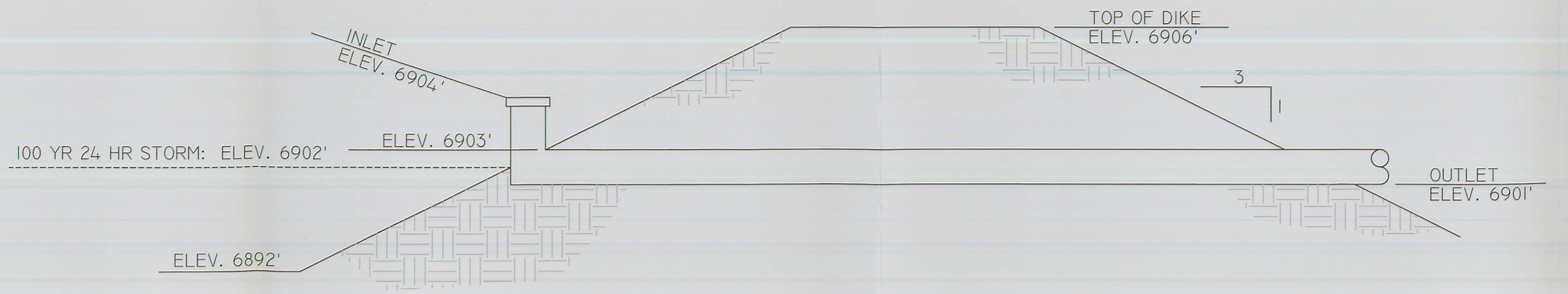
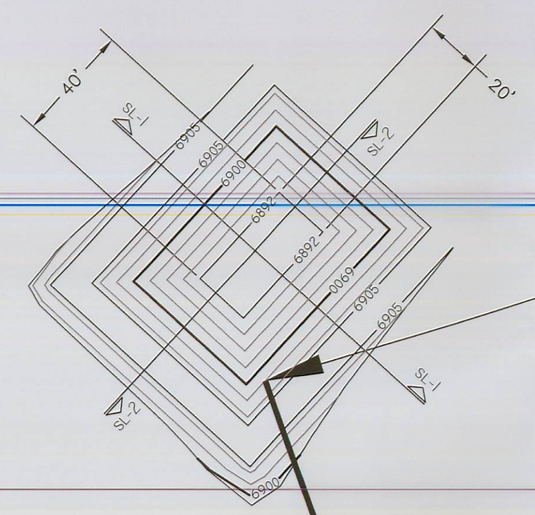
INCORPORATED
OCT 15 2009
Div. of Oil, Gas & Mining



TYPICAL CROSS SECTION

Not to Scale

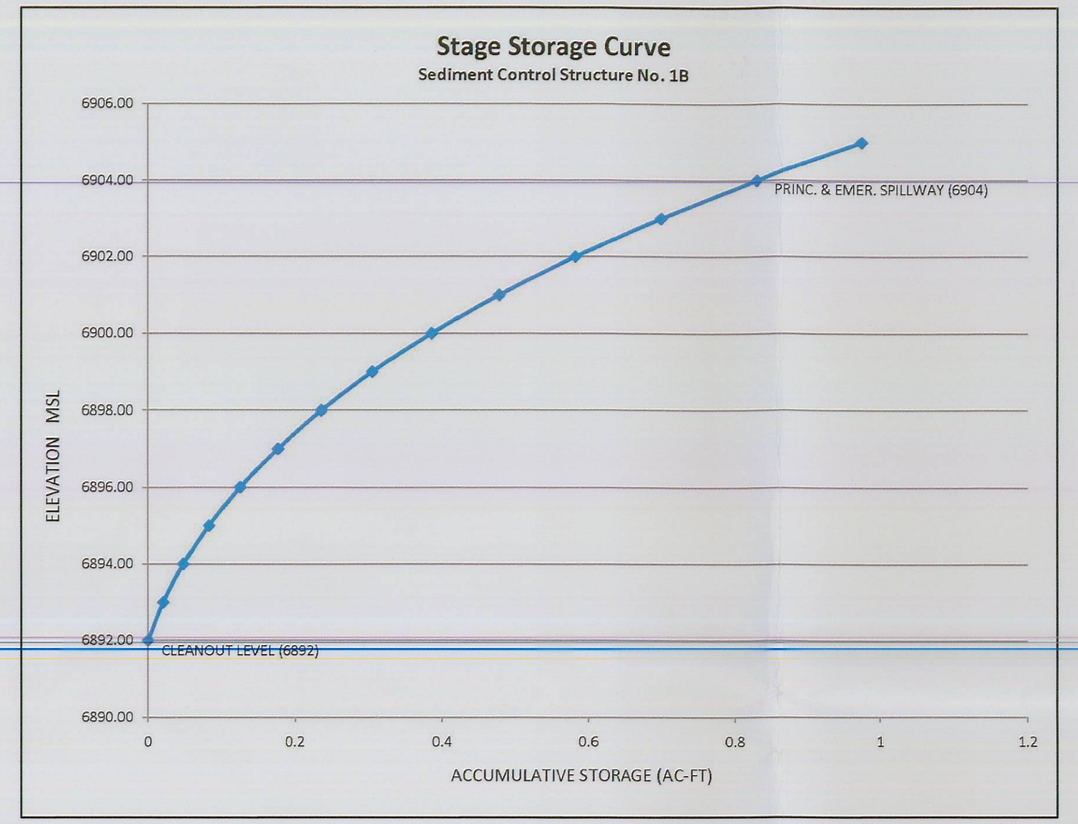


Required Storage for 100 year, 24 event = 0.50 acre/ft

24 inch Drop Pipe Spillway
Top of riser 6904'
Bottom of riser 6902'

24 inch outlet 6901'

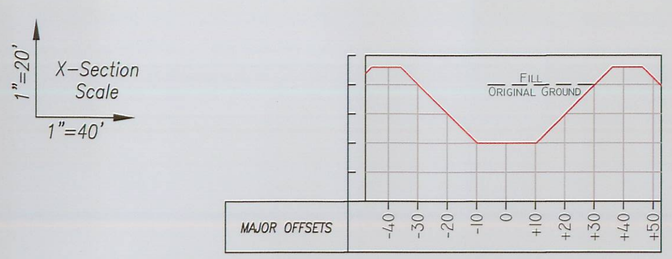
Pond #1B



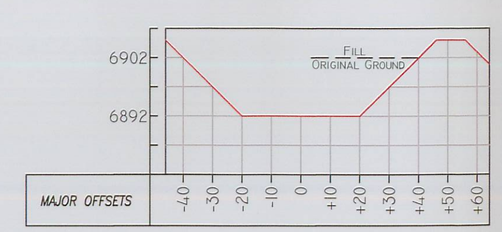
STORAGE VOLUME COMPUTATIONS

Sediment Control Structure No. 1B

ELEV. (ft)	WIDTH (ft)	LENGTH (ft)	AREA (ac)	AVG. AREA (ac)	INTERVAL (ft)	STORAGE (ac-ft)	ACC. STORAGE (ac-ft)	STAGE INTERVAL (ft)
6892.00	NA	NA	0.0184					
6893.00	NA	NA	0.0242	0.0213	1.00	0.0213	0.0213	1.00
6894.00	NA	NA	0.0309	0.0276	1.00	0.0276	0.0489	2.00
6895.00	NA	NA	0.0382	0.0346	1.00	0.0346	0.0834	3.00
6896.00	NA	NA	0.0463	0.0423	1.00	0.0423	0.1257	4.00
6897.00	NA	NA	0.0551	0.0507	1.00	0.0507	0.1764	5.00
6898.00	NA	NA	0.0646	0.0599	1.00	0.0599	0.2362	6.00
6899.00	NA	NA	0.0749	0.0698	1.00	0.0698	0.3060	7.00
6900.00	NA	NA	0.0859	0.0804	1.00	0.0804	0.3864	8.00
6901.00	NA	NA	0.0977	0.0918	1.00	0.0918	0.4782	9.00
6902.00	NA	NA	0.1102	0.1040	1.00	0.1040	0.5821	10.00
6903.00	NA	NA	0.1234	0.1168	1.00	0.1168	0.6989	11.00
6904.00	NA	NA	0.1374	0.1304	1.00	0.1304	0.8293	12.00
6905.00	NA	NA	0.1521	0.1448	1.00	0.1448	0.9741	13.00



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

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DIV OF OIL, GAS & MINING

SEDIMENT IMPOUNDMENT 1B DETAILS

COAL HOLLOW PROJECT
ALTON, UTAH

DRAWING: 5-28B

REVISIONS
DATE:
BY:

CHECKED BY: CRM/WES
DRAWN BY: G. GROSSMAN
DATE: 11/07/08
SCALE: 1" = 40'
DRAWING: 5-28B
SHEET
JOB NUMBER: 1400