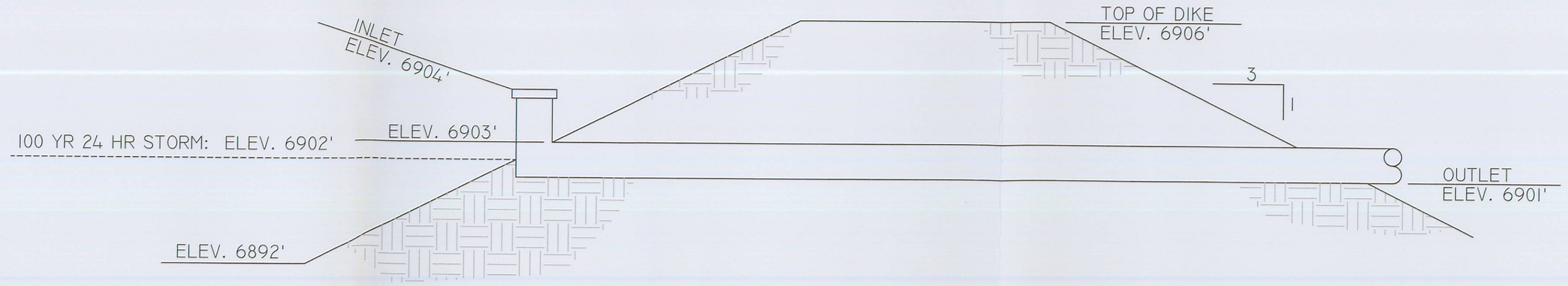
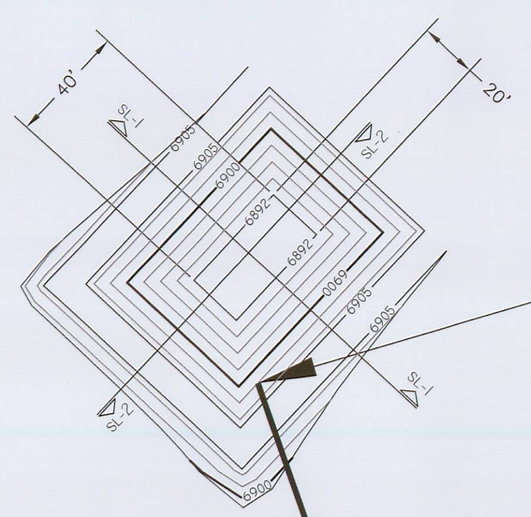


TYPICAL CROSS SECTION

Not to Scale

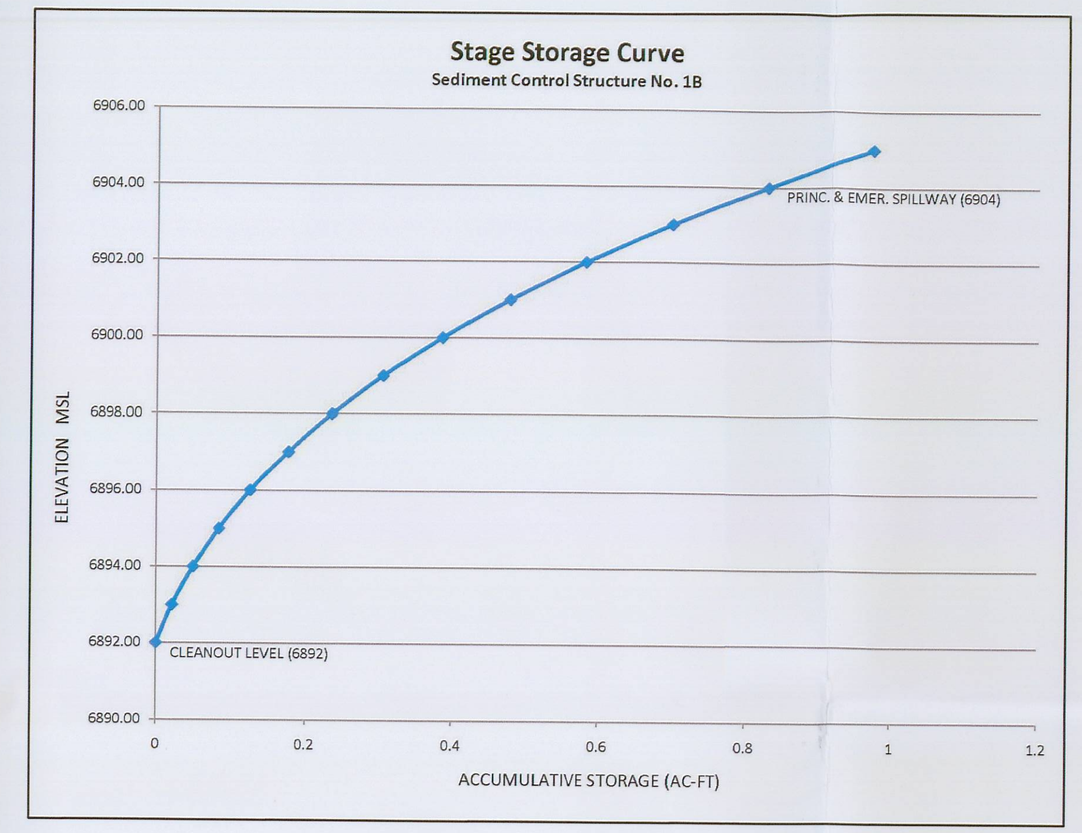


Required Storage for 100 year, 24 event = 0.50 acre/ft

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

24 inch outlet 6901'

Pond #1B

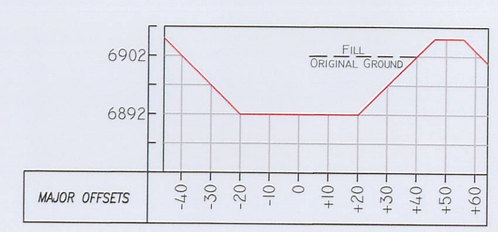


STORAGE VOLUME COMPUTATIONS

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

File in: Confidential / Shelf / Expandable
Hydrology
In C0070025, Section 2, Tab 2
For additional information

CHRIS R. MOUNTJOY 275875-2202 12-9-08

SEDIMENT IMPOUNDMENT 1B DETAILS

COAL HOLLOW PROJECT
ALTON, UTAH

DRAWING: 5-28B

REVISIONS

DATE:	BY:

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

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DEC 22 2008
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