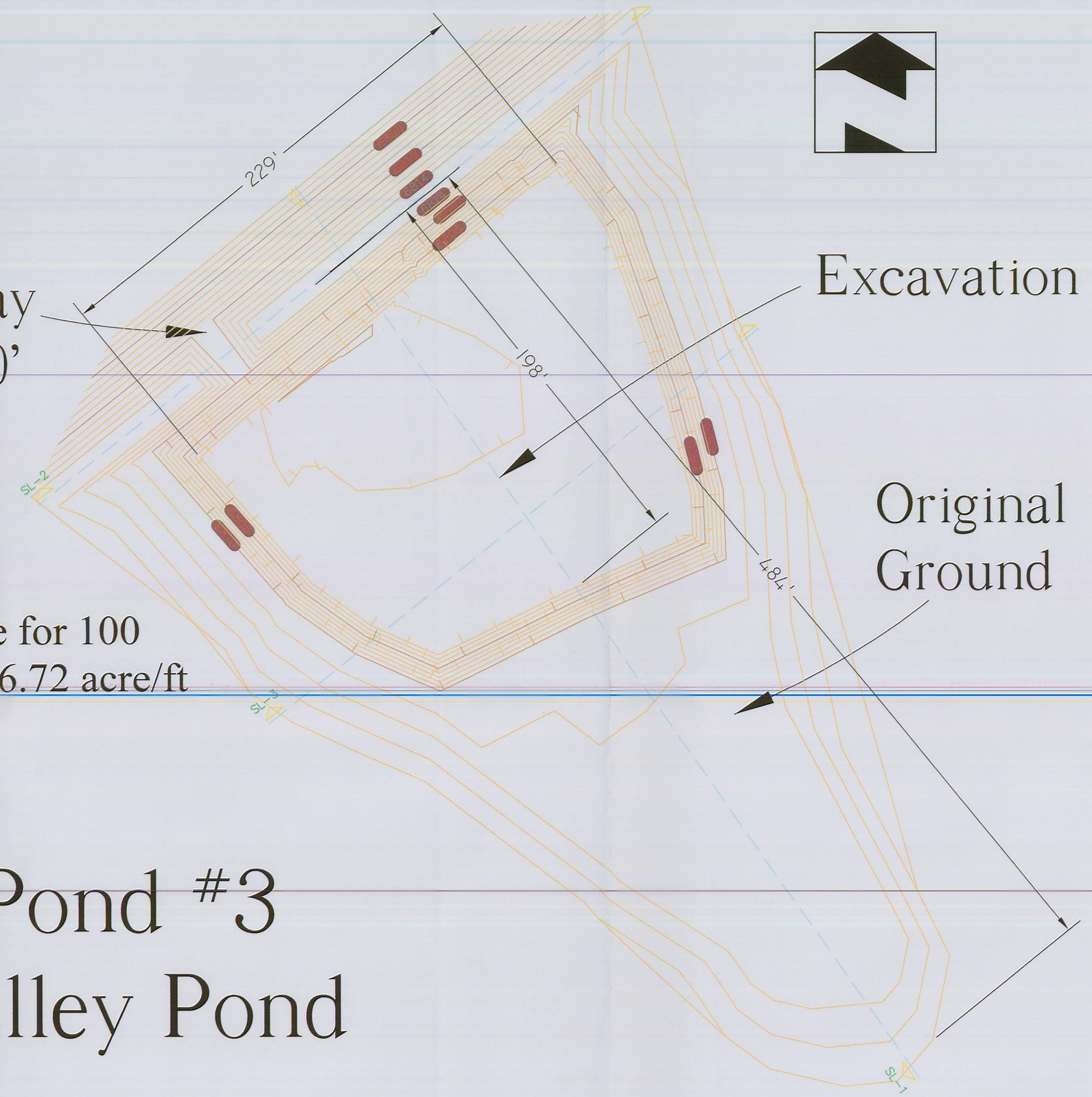
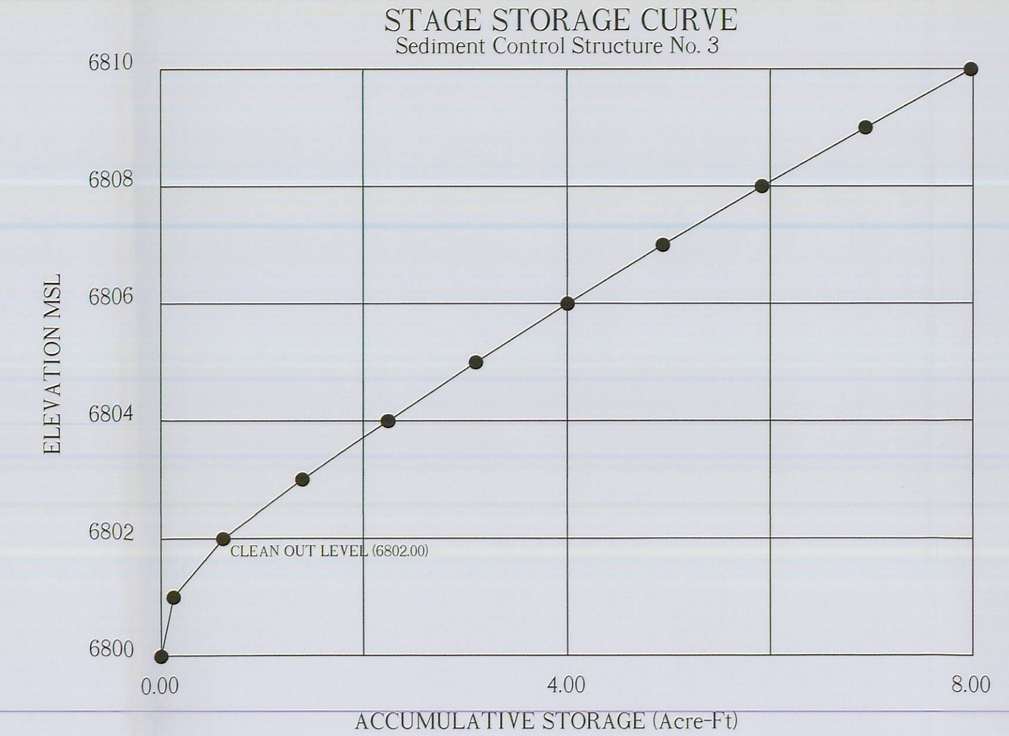


Required Storage for 100 year, 24 event = 6.72 acre/ft

Pond #3
Valley Pond

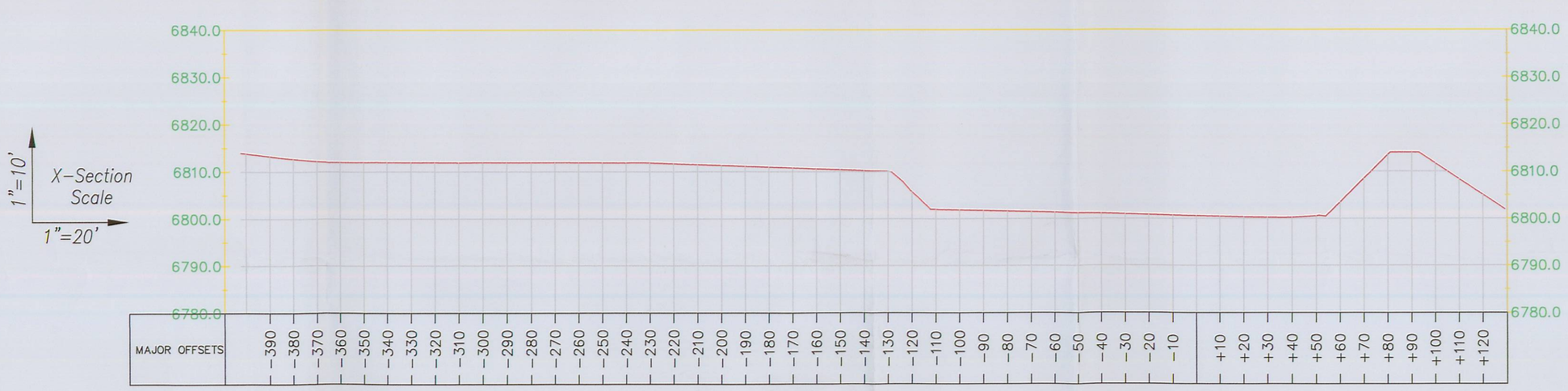


INCORPORATED
OCT 1 5 2009
Div. of Oil, Gas & Mining

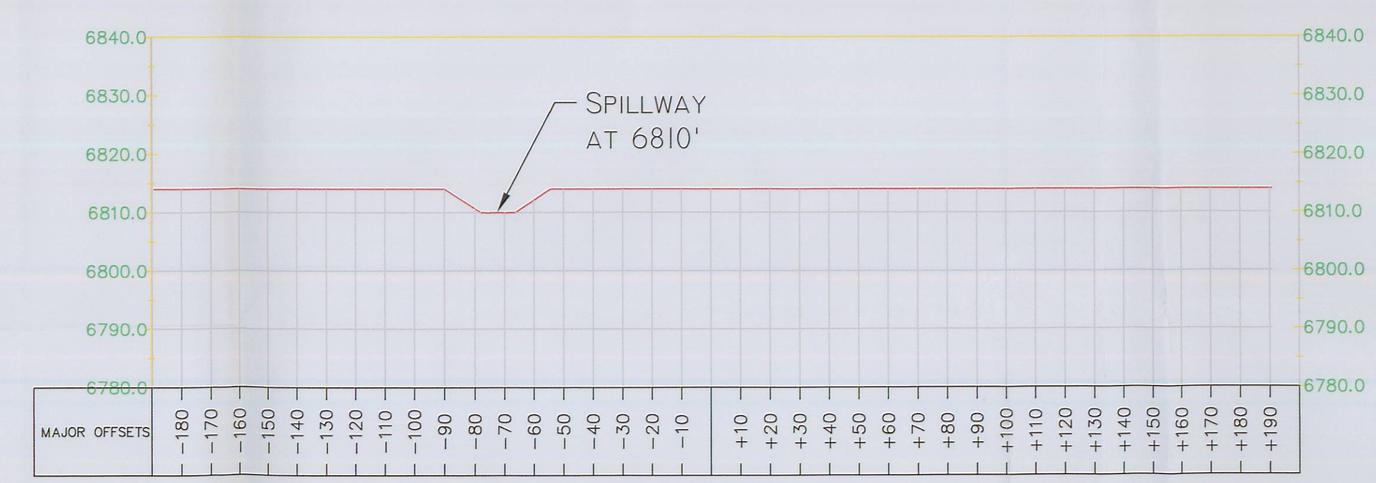
STORAGE VOLUME COMPUTATIONS
Sediment Control Structure No. 3

ELEV. (ft)	WIDTH (ft)	LENGTH (ft)	AREA (ac)	AVG. AREA (ac)	INTERVAL (ft)	STORAGE (ac-ft)	ACC. STORAGE (ac-ft)	STAGE INTERVAL (ft)
6800.00	NA	NA	0.0180					
				0.1250	1.00	0.1250	0.1250	1.00
6801.00	NA	NA	0.2320					
				0.4950	1.00	0.4950	0.6200	2.00
6802.00	NA	NA	0.7580					
				0.7845	1.00	0.7845	1.4045	3.00
6803.00	NA	NA	0.8110					
				0.8295	1.00	0.8295	2.2340	4.00
6804.00	NA	NA	0.8480					
				0.8660	1.00	0.8660	3.1000	5.00
6805.00	NA	NA	0.8840					
				0.9030	1.00	0.9030	4.0030	6.00
6806.00	NA	NA	0.9220					
				0.9400	1.00	0.9400	4.9430	7.00
6807.00	NA	NA	0.9580					
				0.9765	1.00	0.9765	5.9195	8.00
6808.00	NA	NA	0.9950					
				1.0175	1.00	1.0175	6.9370	9.00
6809.00	NA	NA	1.0400					
				1.0535	1.00	1.0430	7.9800	10.00
6810.00	NA	NA	1.0670					

SL-3



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

STATE OF UTAH
475875-2202
CHRIS R. MOORE
PE-5538
PROFESSIONAL ENGINEER

SEDIMENT IMPOUNDMENT 3 DETAILS

COAL HOLLOW PROJECT
ALTON, UTAH

DRAWING: 5-30

REVISIONS

DATE:	BY:
12-04-08	CRM

DRAWN BY: C. MCCOURT	CHECKED BY: GG
DRAWING: 5-30	DATE: 12/18/06
	SCALE: 1" = 40'
	SHEET
	JOB NUMBER: 1400

RECEIVED
DEC 2 2 2008
DIV. OF OIL, GAS & MINING