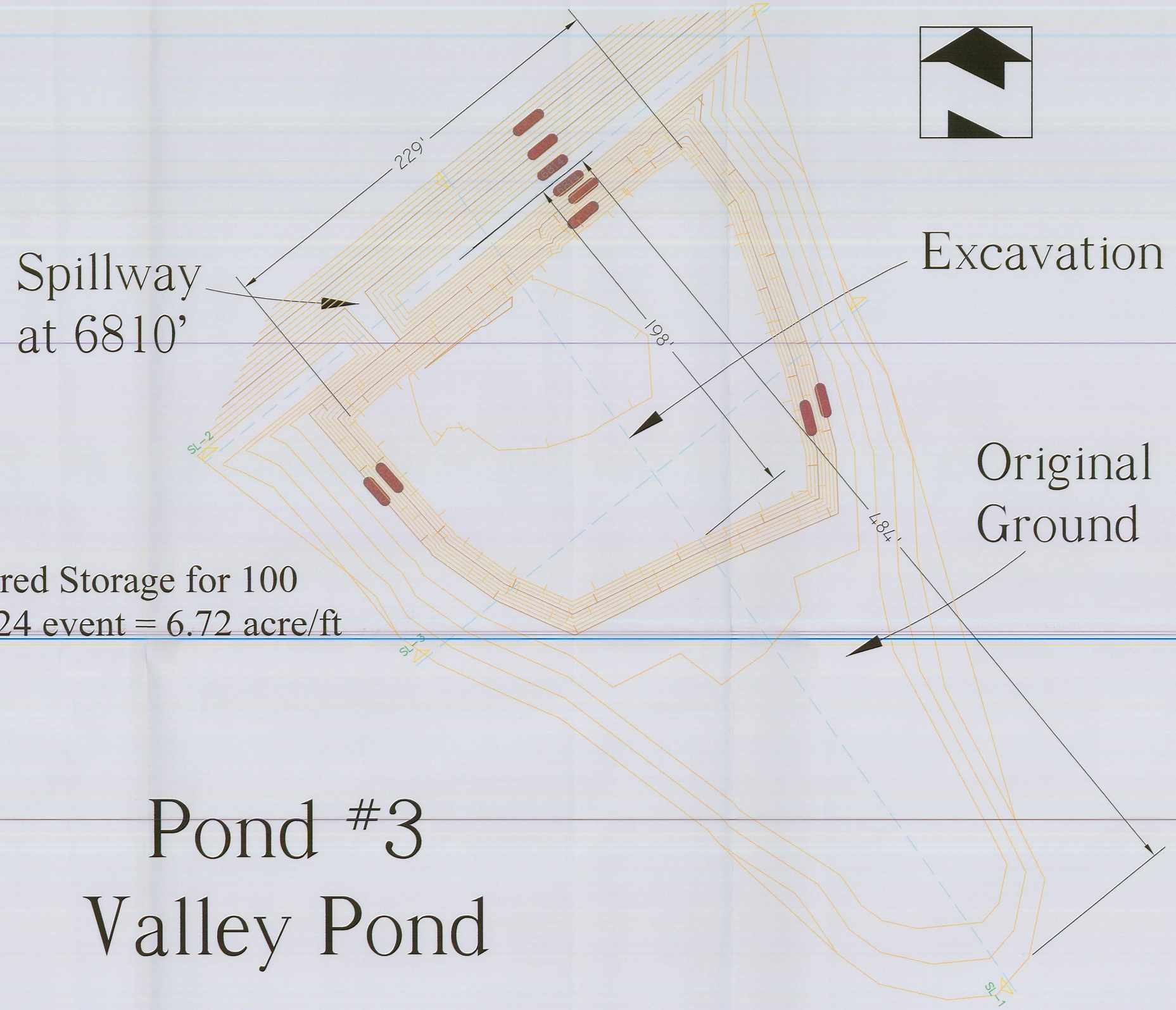
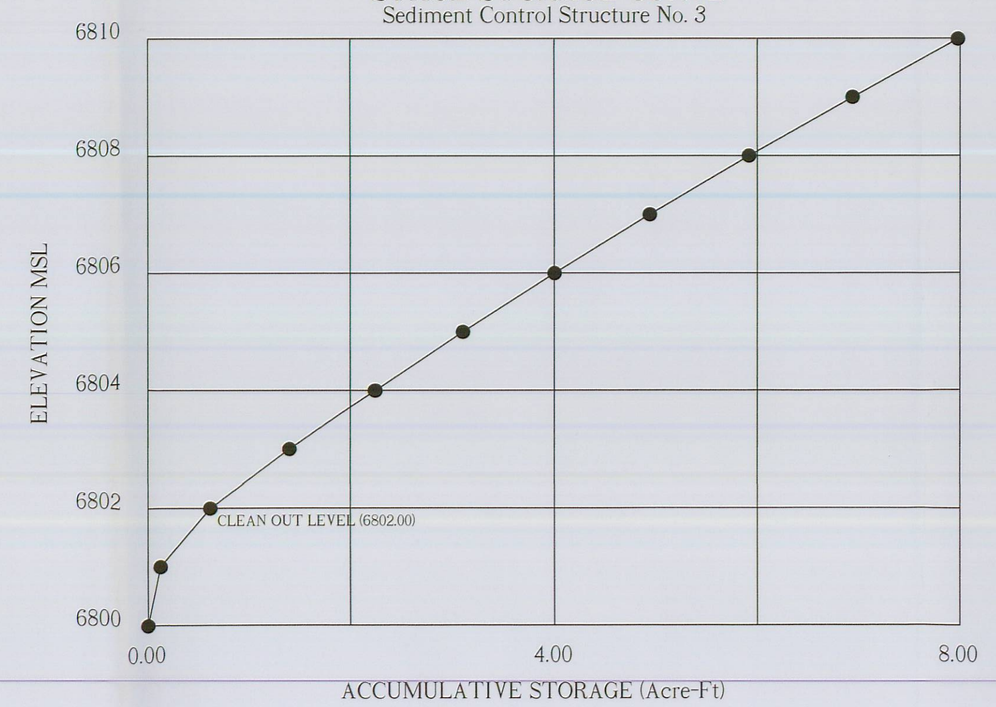


Required Storage for 100 year, 24 event = 6.72 acre/ft

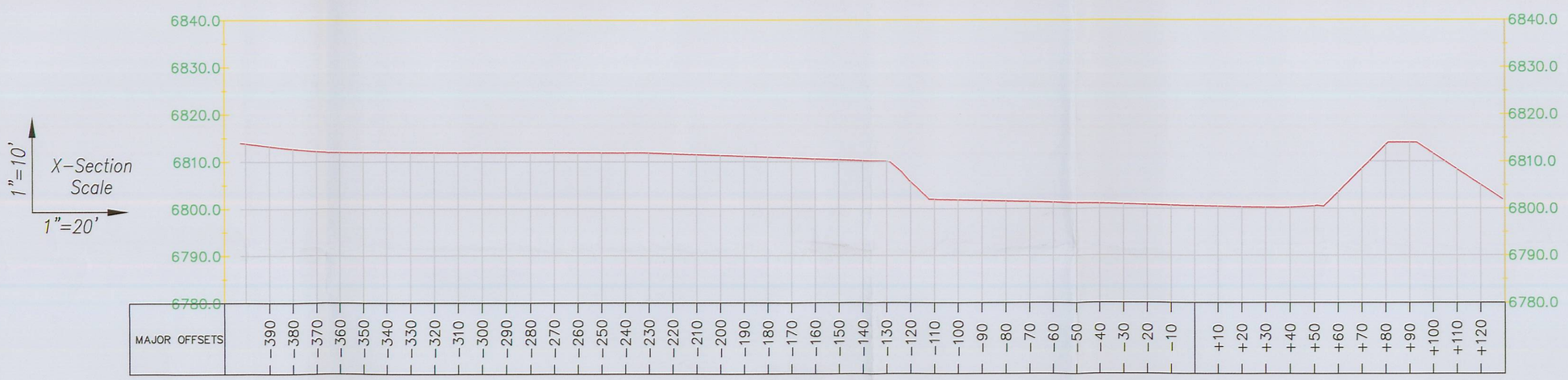
Pond #3
Valley Pond



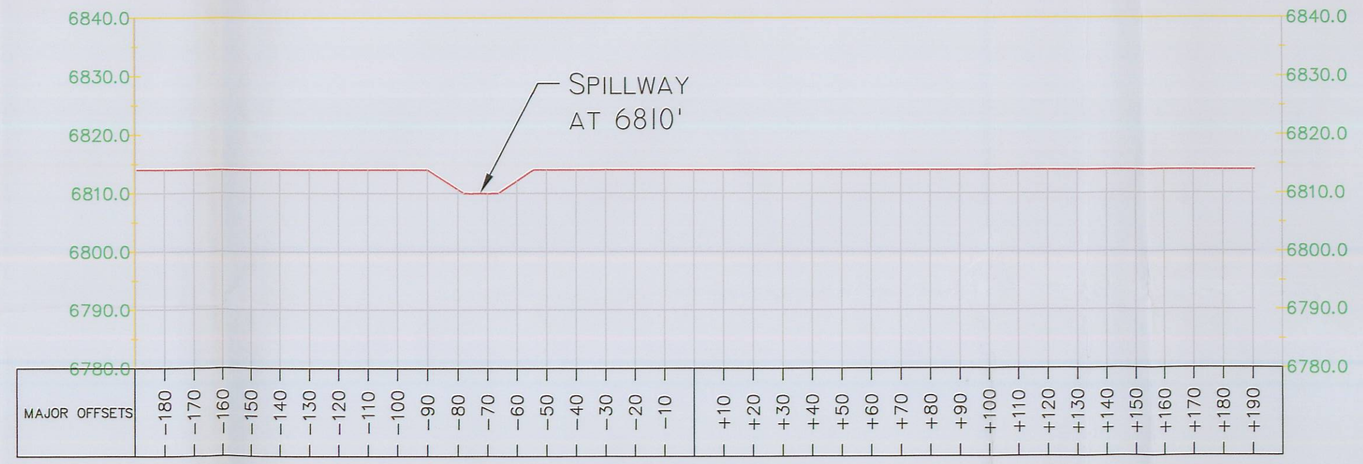
STORAGE VOLUME COMPUTATIONS
Sediment Control Structure No. 3

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

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

RECEIVED
DEC 2 2 2009
DIV. OF OIL, GAS & MINING

Alton Coal Development
Coal Hollow Project
463 North 100 West, Suite 1
Cedar City, Utah 84720
Phone (435)867-5331
Fax (435)867-1192

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'
JOB NUMBER: 1400	SHEET