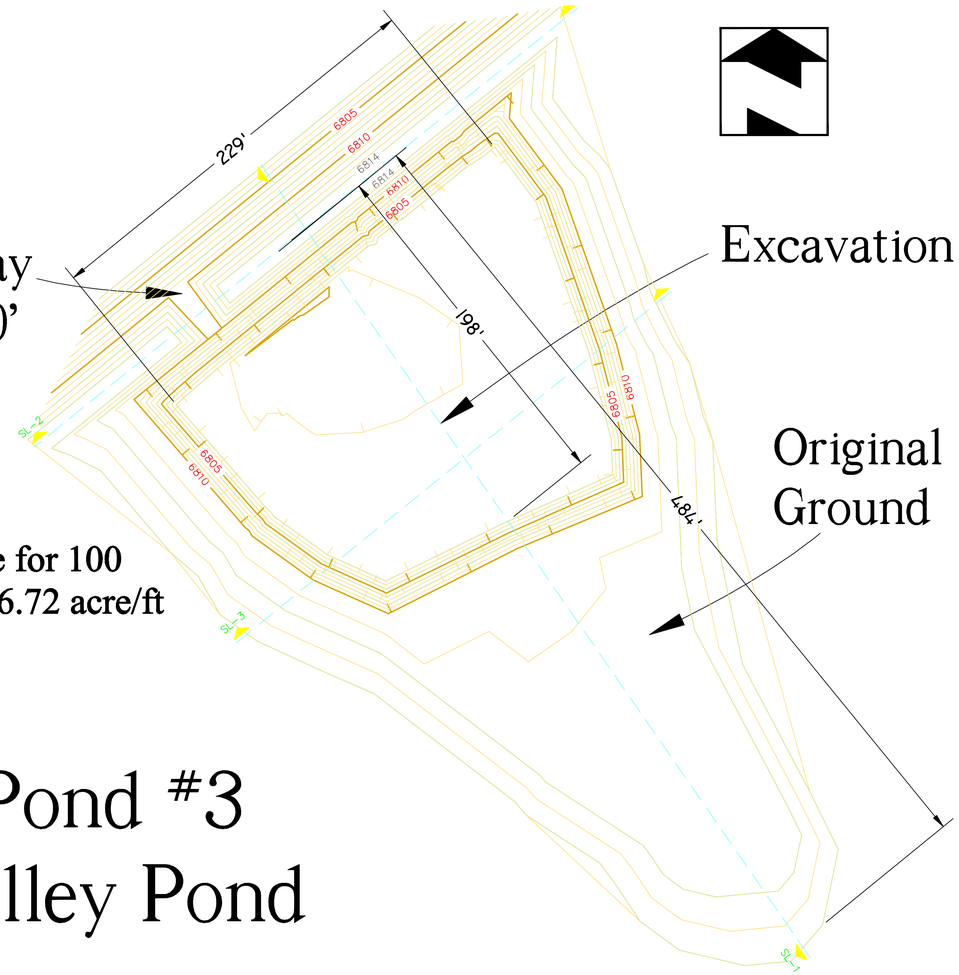


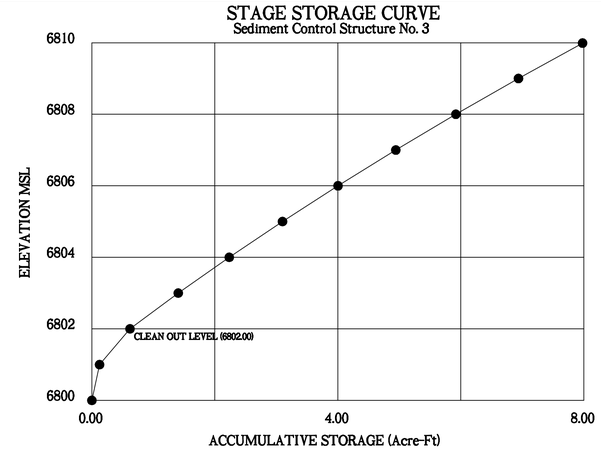
Spillway at 6810'

Excavation

Original Ground

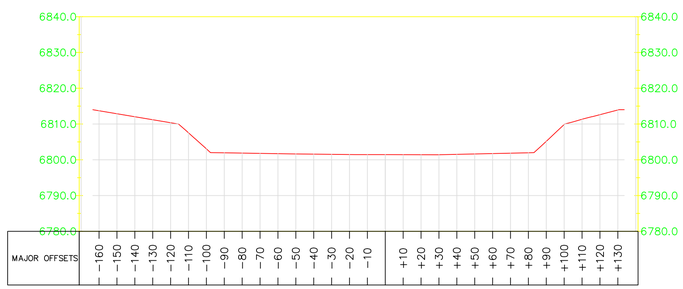
Required Storage for 100 year, 24 event = 6.72 acre/ft

Pond #3
Valley Pond

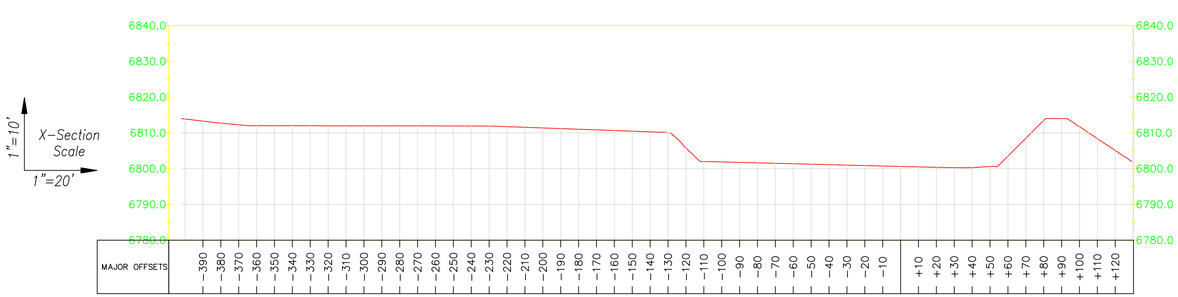


STORAGE VOLUME COMPUTATIONS
Sediment Control Structure No. 3

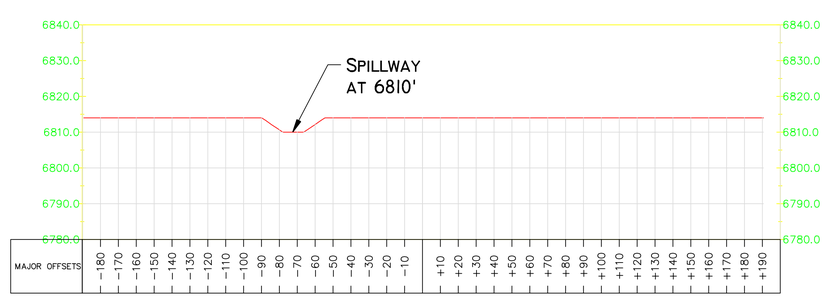
ELEV. (ft)	WIDTH (ft)	LENGTH (ft)	AREA (ac)	AVG. AREA (ac)	INTERVAL (ft)	STORAGE (ac-ft)	ACC. STORAGE (ac-ft)	STAGE INTERVAL (ft)
6800.00	NA	NA	0.0180					
6801.00	NA	NA	0.2320	0.1250	1.00	0.1250	0.1250	1.00
6802.00	NA	NA	0.7580	0.4950	1.00	0.4950	0.6200	2.00
6803.00	NA	NA	0.8110	0.7845	1.00	0.7845	1.4045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



SL-3



SL-1



SL-2

Alton Coal Developments
Coal Hollow Project
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Registered Professional Engineer
275875-2202
CHRIS R. McCOURT
State of Utah

SEDIMENT IMPOUNDMENT 3 DETAILS

COAL HOLLOW PROJECT
ALTON, UTAH

DRAWING: 5-30

REVISIONS

DATE:	BY:

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