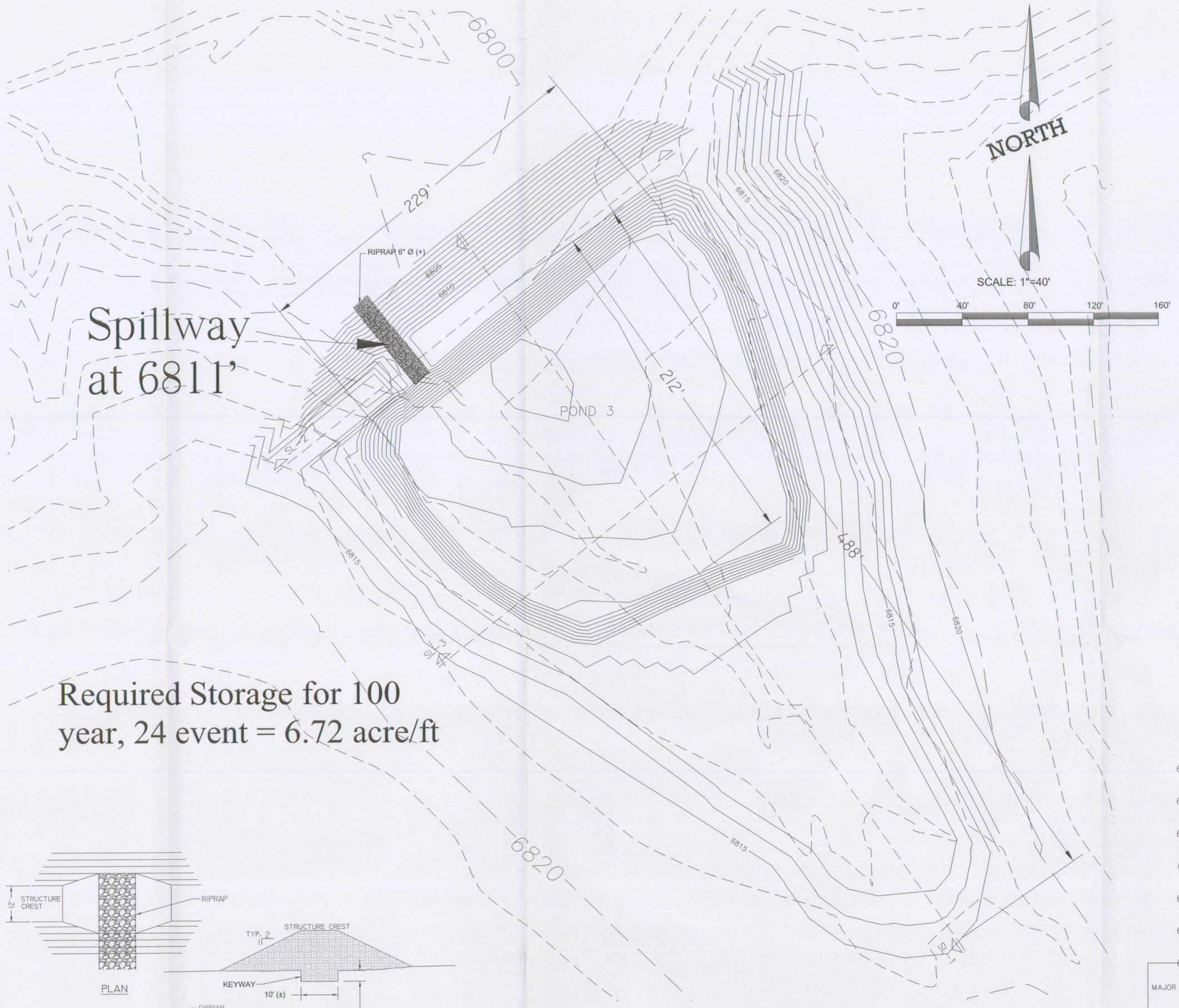
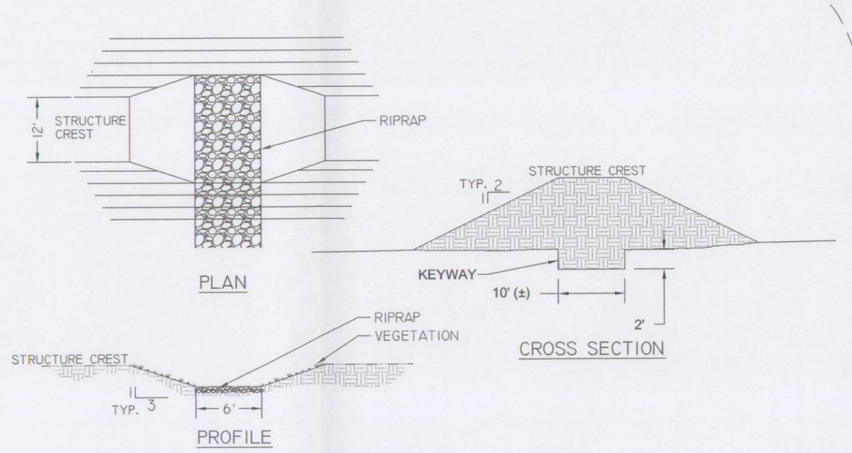
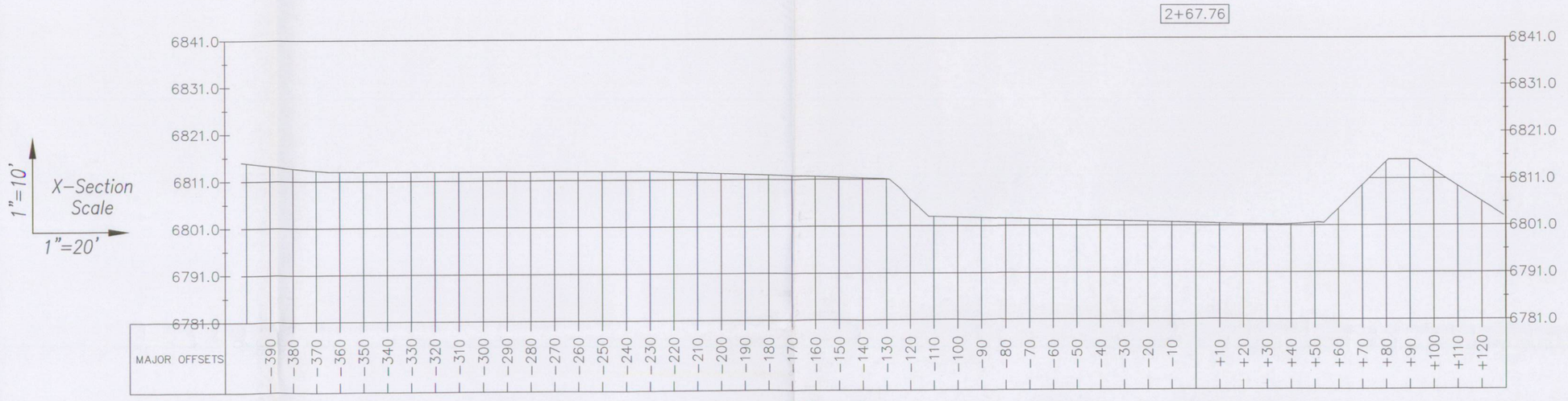
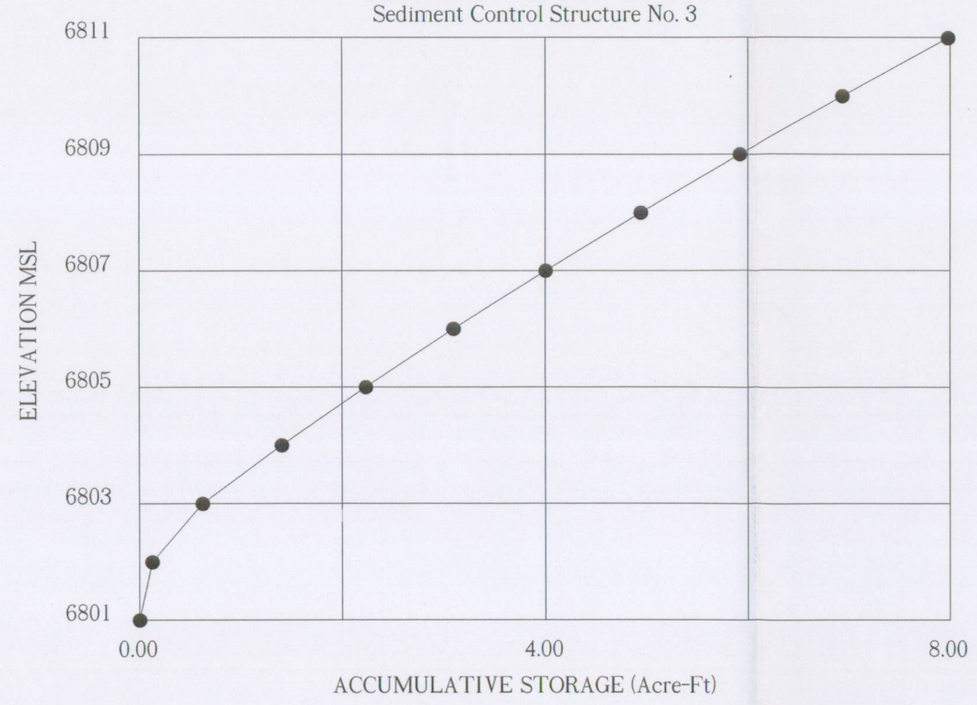


Required Storage for 100 year, 24 event = 6.72 acre/ft





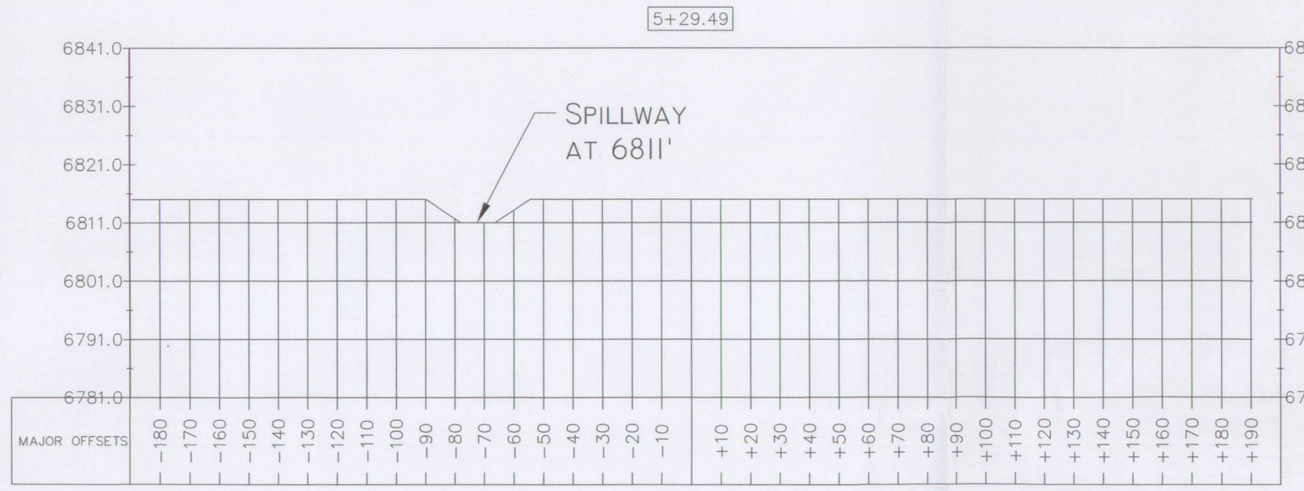
SL-1



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)
6801.00	NA	NA	0.0180					
6802.00	NA	NA	0.2320	0.1250	1.00	0.1250	0.1250	1.00
6803.00	NA	NA	0.7580	0.4950	1.00	0.4950	0.6200	2.00
6804.00	NA	NA	0.8110	0.7845	1.00	0.7845	1.4045	3.00
6805.00	NA	NA	0.8480	0.8295	1.00	0.8295	2.2340	4.00
6806.00	NA	NA	0.8840	0.8660	1.00	0.8660	3.1000	5.00
6807.00	NA	NA	0.9220	0.9030	1.00	0.9030	4.0030	6.00
6808.00	NA	NA	0.9580	0.9400	1.00	0.9400	4.9430	7.00
6809.00	NA	NA	0.9950	0.9765	1.00	0.9765	5.9195	8.00
6810.00	NA	NA	1.0400	1.0175	1.00	1.0175	6.9370	9.00
6811.00	NA	NA	1.0670	1.0535	1.00	1.0430	7.9800	10.00

SL-3



SL-2

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LICENSED PROFESSIONAL ENGINEER
No. 348930
KERRY ROBERT BENSON
STATE OF UTAH
4-19-2011

SEDIMENT IMPOUNDMENT POND 3 DETAILS

COAL HOLLOW PROJECT
ALTON, UTAH

DRAWING: C9.3

REVISIONS

BY:	DATE:
CRM	12-04-08

DRAWN BY:	CHECKED BY:
JPL	KRB
DRAWING:	DATE: 12/18/06
SCALE: 1" = 40'	
JOB NUMBER: 0594-01-01	SHEET

RECEIVED
JUL 05 2011
DIV. OF OIL, GAS & MINING

\\Slvs\data\594_ALTON_COAL_KANE_MINING\01-COAL_HOLLOW_PROJECT\Dwg\SHEET_C9.3.dwg, Apr 21, 2011, 1:28pm, By Owner