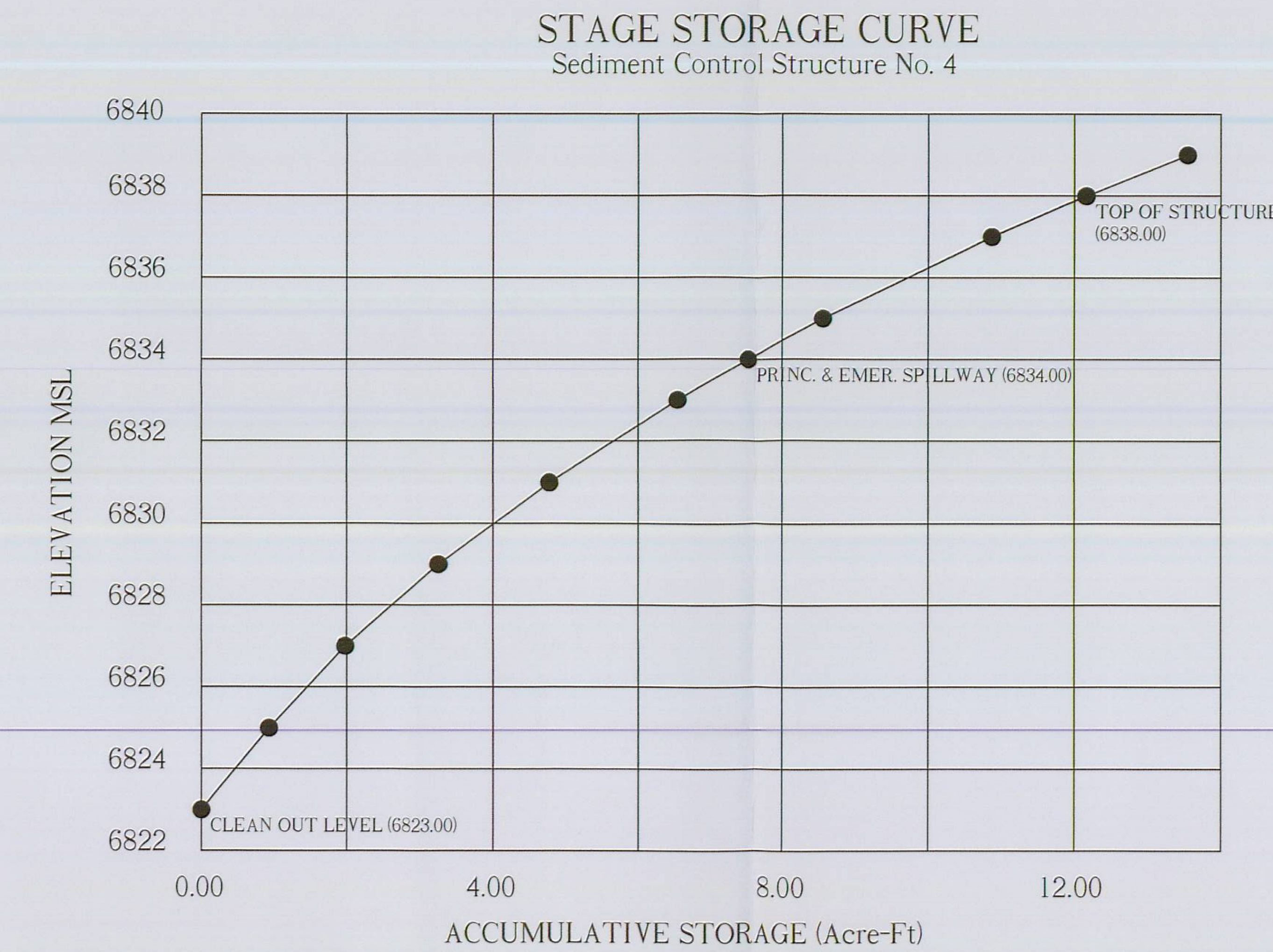

STORAGE VOLUME COMPUTATIONS

Sediment Control Structure No. 4

ELEV. (ft)	WIDTH (ft)	LENGTH (ft)	AREA (ac)	AVG. AREA (ac)	INTERVAL (ft)	STORAGE (ac-ft)	ACC. STORAGE (ac-ft)	STAGE INTERVAL (ft)
6823.00	NA	NA	0.0000					
6825.00	NA	NA	0.4660	0.4660	2.00	0.9320	0.9320	2.00
6827.00	NA	NA	0.5810	0.5235	2.00	1.0470	1.9790	4.00
6829.00	NA	NA	0.6990	0.6400	2.00	1.2800	3.2590	6.00
6831.00	NA	NA	0.8200	0.7595	2.00	1.5190	4.7780	8.00
6833.00	NA	NA	0.9430	0.8815	2.00	1.7630	6.5410	10.00
6834.00	NA	NA	1.0090	0.9760	1.00	0.9760	7.5170	11.00
6835.00	NA	NA	1.0750	1.0420	1.00	1.0420	8.5590	12.00
6837.00	NA	NA	1.2400	1.1575	2.00	2.3150	10.8740	14.00
6838.00	NA	NA	1.3370	1.2885	1.00	1.2885	12.1625	15.00

INCORPORATED
OCT 15 2009
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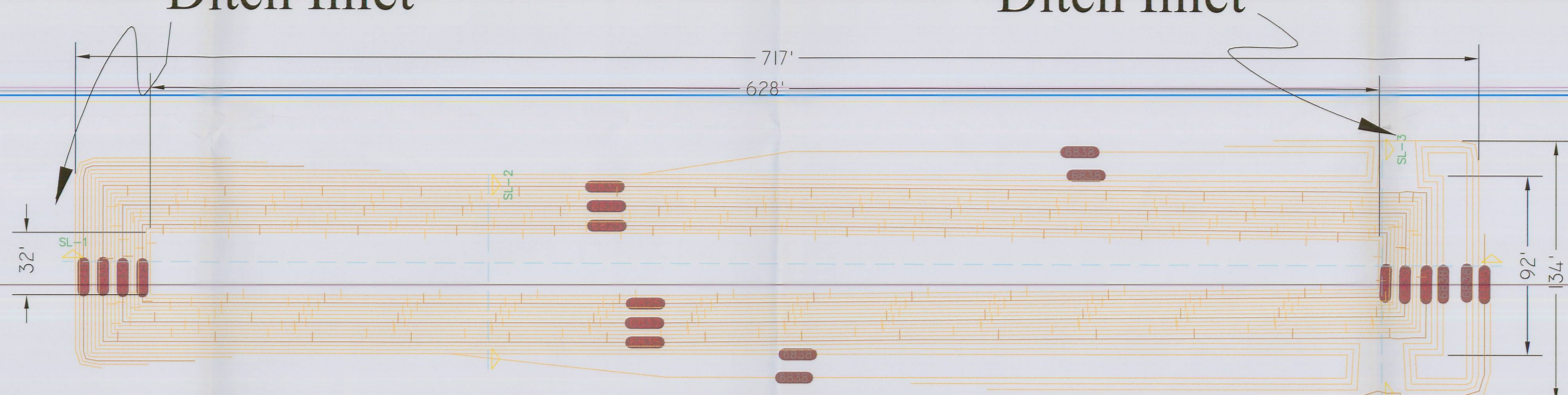
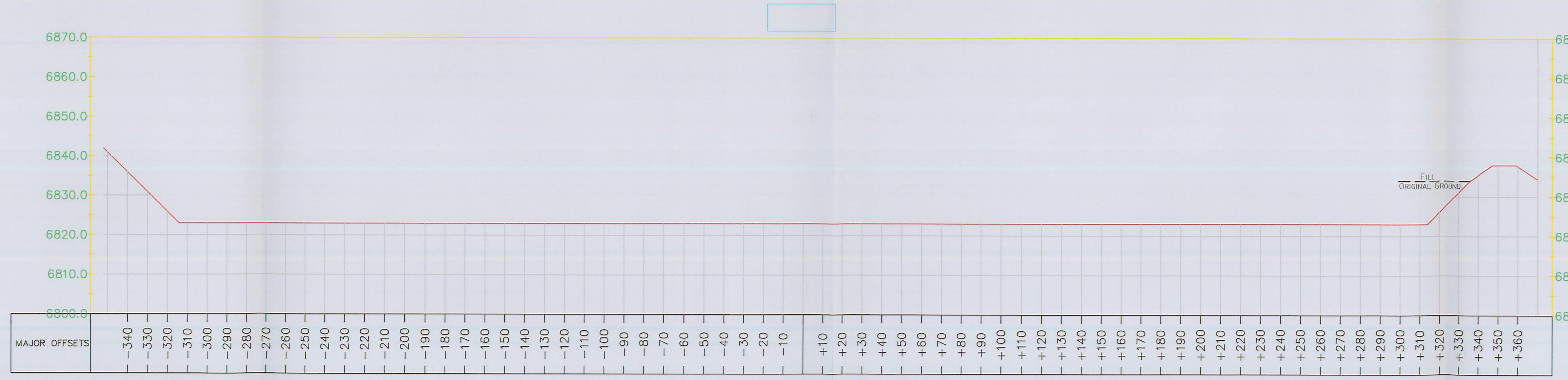


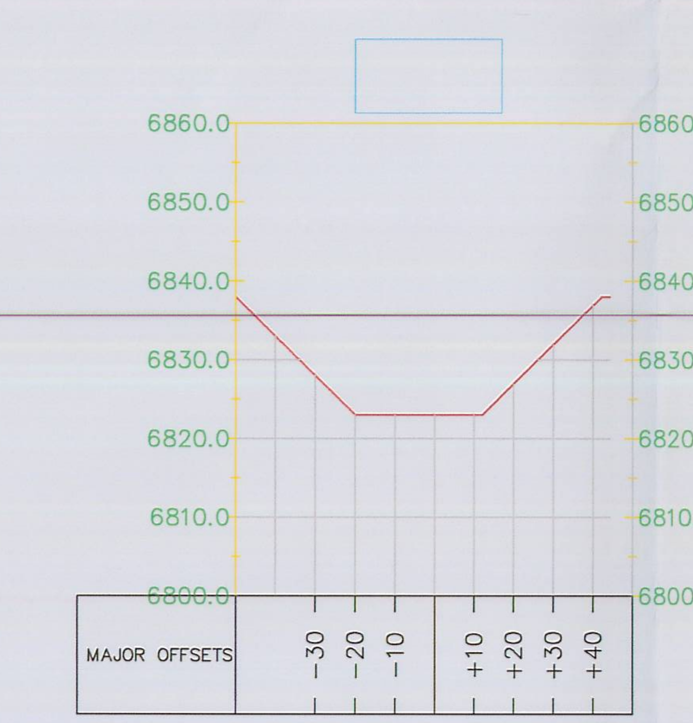
Required Storage for 100
year, 24 event = 6.28 acre/ft

Pond #4

X-Section Scale
1"=10'
1"=20'



SL-1



SL-2

SL-3

DRAWN BY:	CHECKED BY:
C. MCCOURT	GG
DRAWING: 5-31	DATE: 12/18/06
	SCALE: 1" = 40'
JOB NUMBER: 1400	SHEET

REVISIONS	
DATE:	BY:
12-04-08	CRM

SEDIMENT IMPOUNDMENT 4 DETAILS

COAL HOLLOW PROJECT
ALTON, UTAH

DRAWING: 5-31

Registered Professional Engineer 275875-2202 CHRIS R. McCOURT 12-15-08 State of Utah

Alton Coal Development
Coal Hollow Project
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