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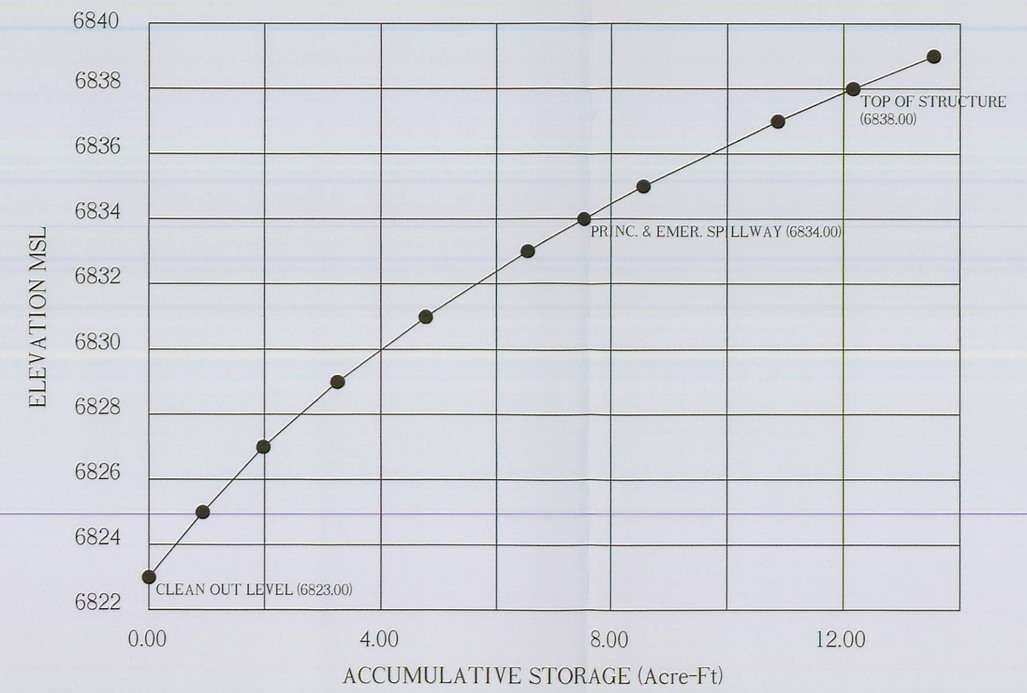
## STAGE STORAGE CURVE

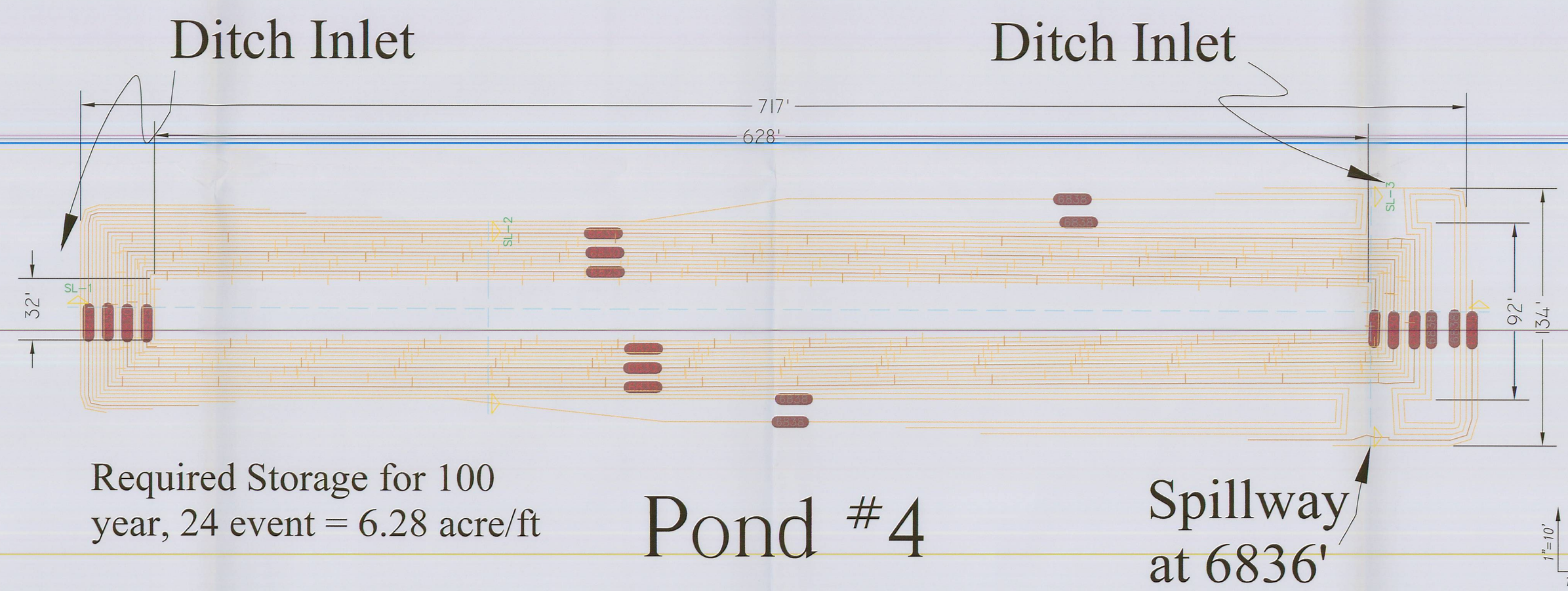
Sediment Control Structure No. 4

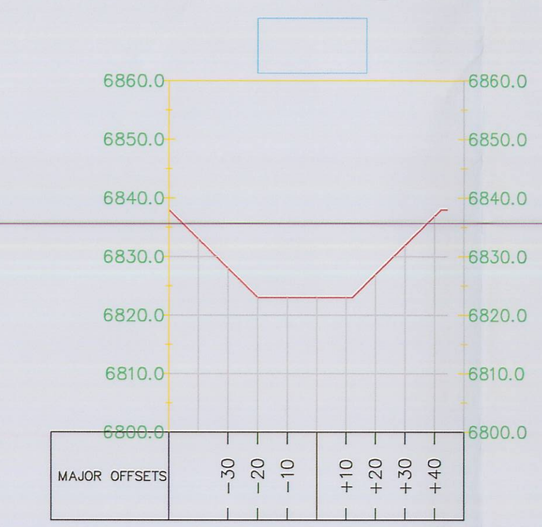



## STORAGE VOLUME COMPUTATIONS

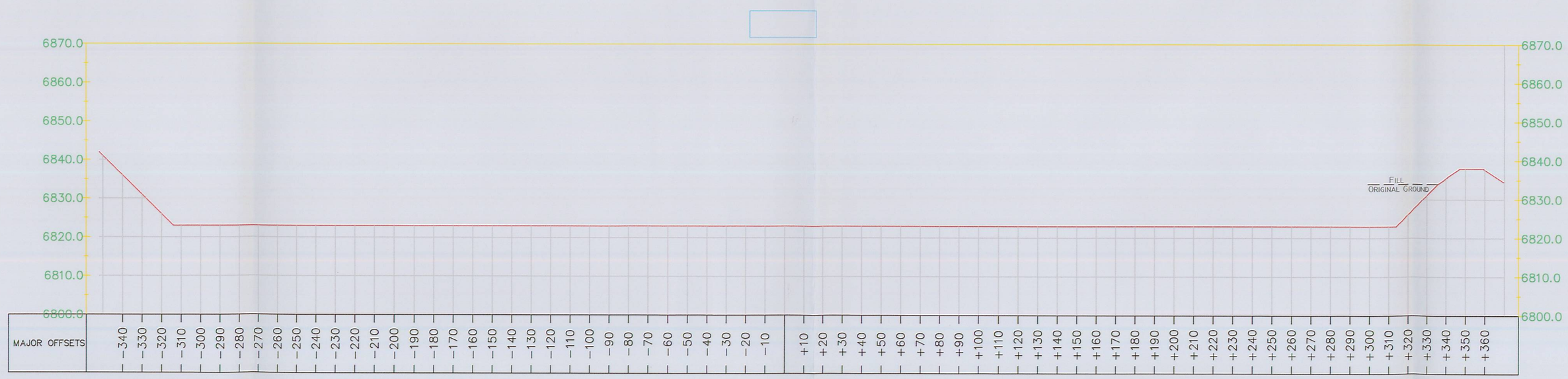
Sediment Control Structure No. 4

| 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 | | | | | |
| | | | | 0.4660 | 2.00 | 0.9320 | 0.9320 | 2.00 |
| 6825.00 | NA | NA | 0.4660 | | | | | |
| | | | | 0.5235 | 2.00 | 1.0470 | 1.9790 | 4.00 |
| 6827.00 | NA | NA | 0.5810 | | | | | |
| | | | | 0.6400 | 2.00 | 1.2800 | 3.2590 | 6.00 |
| 6829.00 | NA | NA | 0.6990 | | | | | |
| | | | | 0.7595 | 2.00 | 1.5190 | 4.7780 | 8.00 |
| 6831.00 | NA | NA | 0.8200 | | | | | |
| | | | | 0.8815 | 2.00 | 1.7630 | 6.5410 | 10.00 |
| 6833.00 | NA | NA | 0.9430 | | | | | |
| | | | | 0.9760 | 1.00 | 0.9760 | 7.5170 | 11.00 |
| 6834.00 | NA | NA | 1.0090 | | | | | |
| | | | | 1.0420 | 1.00 | 1.0420 | 8.5590 | 12.00 |
| 6835.00 | NA | NA | 1.0750 | | | | | |
| | | | | 1.1575 | 2.00 | 2.3150 | 10.8740 | 14.00 |
| 6837.00 | NA | NA | 1.2400 | | | | | |
| | | | | 1.2885 | 1.00 | 1.2885 | 12.1625 | 15.00 |
| 6838.00 | NA | NA | 1.3370 | | | | | |

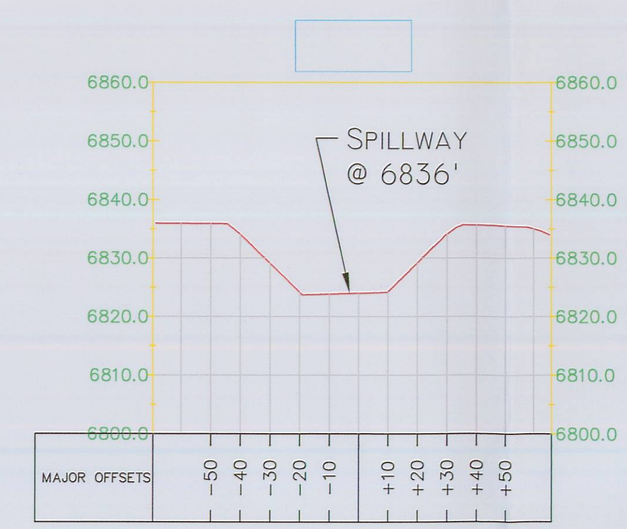



SL-2




SL-1




SL-3

New 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
STATE OF UTAH
CHARLES R. GUEST
McCOURT
12-17-08

# SEDIMENT IMPOUNDMENT 4 DETAILS

COAL HOLLOW PROJECT
ALTON, UTAH

DRAWING: 5-31

| REVISIONS | |
|---|---|
| DATE: | BY: |
| 12-04-08 | CRM |

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