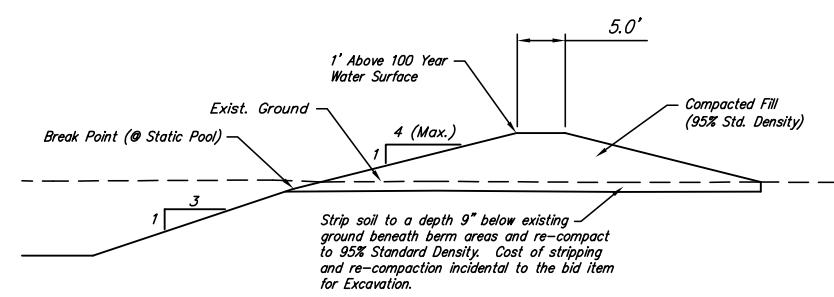
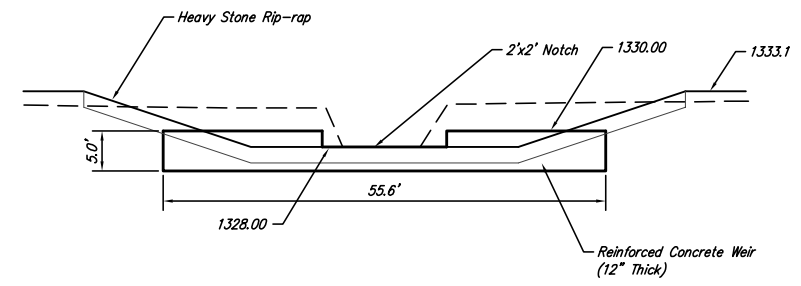


AN FAMILY PARTNERSHIP

GEORGIA L SERAPHIN PROPERTY
UNPLATTED

Number	Northing	Easting
6047	17533.12	16636.07
6048	17529.78	16783.85
6049	17526.43	16931.62
6050	17548.23	17026.75
6051	17568.48	17107.60
6052	17544.36	17205.75
6053	17523.16	17282.04
6054	17502.53	17377.24
6055	17495.82	17474.42
6056	17488.78	17609.86
6057	17482.93	17690.53
6058	17480.63	17792.50
6059	17478.32	17894.47
6060	17428.47	17967.82
6061	17354.75	17962.03
6062	17313.49	17889.67
6063	17316.45	17758.77
6064	17319.42	17627.87
6065	17357.03	17561.82
6066	17428.38	17517.27
6067	17460.12	17470.72
6068	17463.29	17390.12
6069	17462.70	17309.47
6070	17449.96	17264.44
6071	17457.83	17228.67
6072	17466.43	17178.09
6073	17442.43	17113.14
6074	17465.67	17033.19
6075	17450.10	16957.52
6076	17453.96	16892.95
6077	17458.12	16826.8
6078	17455.55	16751.53
6079	17453.05	16682.32
6080	17462.79	16641.07
6081	17476.72	16617.29
6082	17510.92	16605.18

POND DATA
 Pond Bottom Elev. = 1321.00
 Static Pool Elev. = 1328.00
 100yr Water Surface = 1332.5
 Qin (100yr) = 40 c.f.s.
 Qout (100yr) = 23 c.f.s.



Strip soil to a depth 9" below existing ground beneath berm areas and re-compact to 95% Standard Density. Cost of stripping and re-compaction incidental to the bid item for Excavation.

TYPICAL BERM SECTION

NOTES:
 THE POND BOTTOM AND SIDES ARE TO BE SCARIFIED A MINIMUM OF 8 INCHES, MOISTURE CONDITIONED AND RECOMPACTED TO A MINIMUM OF 95 PERCENT OF STANDARD PROCTOR DENSITY (ASTM D-698) FROM MINUS 3 TO PLUS 3 PERCENT OF OPTIMUM MOISTURE CONTENT. ADDITIONALLY, ALL GYPSUM/CALICHE SEAMS, SANDY CLAY AND CLAY SHALE ENCOUNTERED SHOULD BE OVER-EXCAVATED A MINIMUM OF 1 FOOT AND REPLACED WITH CLAY.
 SIDE SLOPES OF PONDS SHALL NOT EXCEED 3:1 AND SHALL BE 4:1 ABOVE THE STATIC POOL.

**SOUTHWEST PASSAGE ADDITION
POND 3 DETAILS
WICHITA, KANSAS**

Ruggles & Bohm, P.A.
 Engineering, Surveying, Land Planning

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DESIGN KWL
 DRAWN KWL
 REVIEW
 UTILITY

PROJECT NUMBER
 DATE Nov. 9, 2005

RB JOB 2789E
 SHEET 2 OF 3