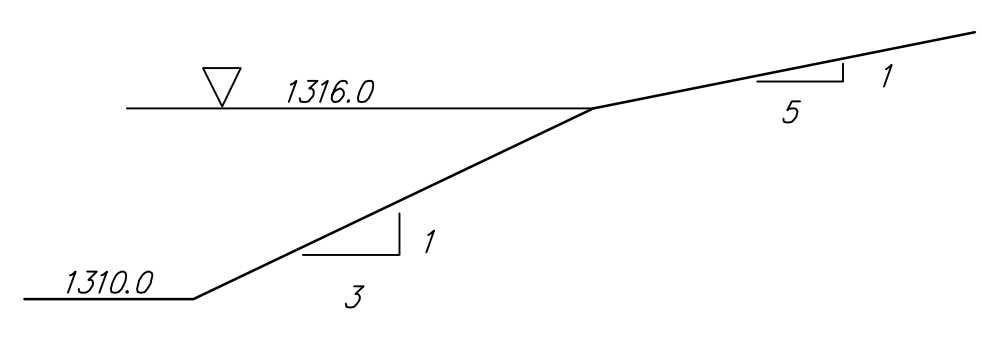


**POND GRADING SECTION**



**POND 1**  
 STATIC POOL = 1316.0  
 100yr WS = 1319.6  
 Pond Bottom = 1310.0  
 100yr Qin = 91.9 cfs  
 100yr Qout = 63.6 cfs

**1525 CY POND LINER REQUIRED**

RESERVE "C"

Pond Outlet Basin  
 SEE SHEET 23 FOR DETAILS

Pond Outlet  
 2 - 36" RCP  
 SEE SHEET 15 FOR DETAILS

Point Table				
Point #	Northing	Easting	Description	
9000	18046.19	17442.55	POND	1310.000
9001	17931.81	17452.08	POND	1310.000
9002	17883.09	17533.45	POND	1310.000
9003	17855.57	17585.88	POND	1310.000
9004	17841.51	17649.74	POND	1310.000
9005	17917.53	17593.49	POND	1310.000
9006	18040.51	17492.31	POND	1310.000
9007	18061.92	17479.07	POND	1310.000
9008	18095.70	17444.13	POND	1310.000
9009	17994.93	17445.23	POND	1310.000
9010	17872.73	17467.96	POND	1310.000
9012	17836.58	17616.08	POND	1310.000
9013	17867.20	17640.33	POND	1310.000
9014	17991.55	17527.22	POND	1310.000
9015	18091.23	17466.51	POND	1310.000
9016	17837.94	17674.17	POND	1317.000
9017	17891.64	17648.40	POND	1317.000
9018	17965.78	17580.03	POND	1317.000
9019	18044.57	17517.66	POND	1317.000
9020	18124.20	17464.75	POND	1317.000
9021	18060.26	17419.36	POND	1317.000
9022	17959.88	17425.34	POND	1317.000
9023	17866.27	17444.89	POND	1317.000
9024	17855.51	17544.41	POND	1317.000
9025	17812.04	17629.08	POND	1317.000
9026	17817.78	17449.06	POND	1324.000
9027	17820.36	17475.08	POND	1323.000
9028	17831.99	17501.24	POND	1322.000
9029	17836.21	17536.91	POND	1321.000
9030	17819.38	17570.91	POND	1320.000

Point Table				
Point #	Northing	Easting	Description	
9031	17797.45	17621.64	POND	1320.000
9032	17821.59	17678.75	POND	1320.000
9033	17872.07	17683.33	POND	1320.000
9034	17891.51	17675.83	POND	1321.000
9035	17968.02	17605.11	POND	1321.000
9036	18054.03	17535.57	POND	1321.000
9037	18112.52	17503.98	POND	1321.000
9038	18139.39	17488.11	POND	1322.000
9039	18155.25	17467.98	POND	1323.000
9040	18158.90	17444.05	POND	1324.000
9041	18132.49	17399.54	POND	1324.000
9042	18084.17	17389.94	POND	1323.000
9043	18005.05	17391.35	POND	1323.000
9044	17937.82	17397.74	POND	1323.000
9045	17890.04	17400.62	POND	1324.000
9046	17852.88	17412.40	POND	1324.000

Pond Data - Pond #1		
ELEVATION	DISCHARGE (CFS)	SURFACE AREA (AC)
1316.0	0.00	0.80
1316.5	0.17	0.91
1317.0	0.24	1.02
1318.0	12.3	1.13
1319.0	41.0	1.35
1320.0	77.00	1.47

INSTALL 3603 SY OF CURLEX II, OR APPROVED EQUAL, PER MANUFACTURERS RECOMMENDATIONS. BID AS POND EROSION CONTROL MAT.



**Sierra Hills 2nd Addition  
 Pond 1  
 WICHITA, KANSAS**

<p><b>Rugles &amp; Bohm, P.A.</b>          Engineering, Surveying, Land Planning</p>	DESIGN EJG	924 North Main Wichita, Kansas 67203 www.rbkansas.com	(316) 264-8008 (316) 264-4621 fax E-mail: info@rbkansas.com	DRAWN EJG	REF. JOB 326BE
	REVIEW May 9, 2012			SHEET 21 OF 43	
DRAWING FILE Engineering Base [POND 1]		PROJECT NUMBER 468-84815		DATE June 7, 2012	