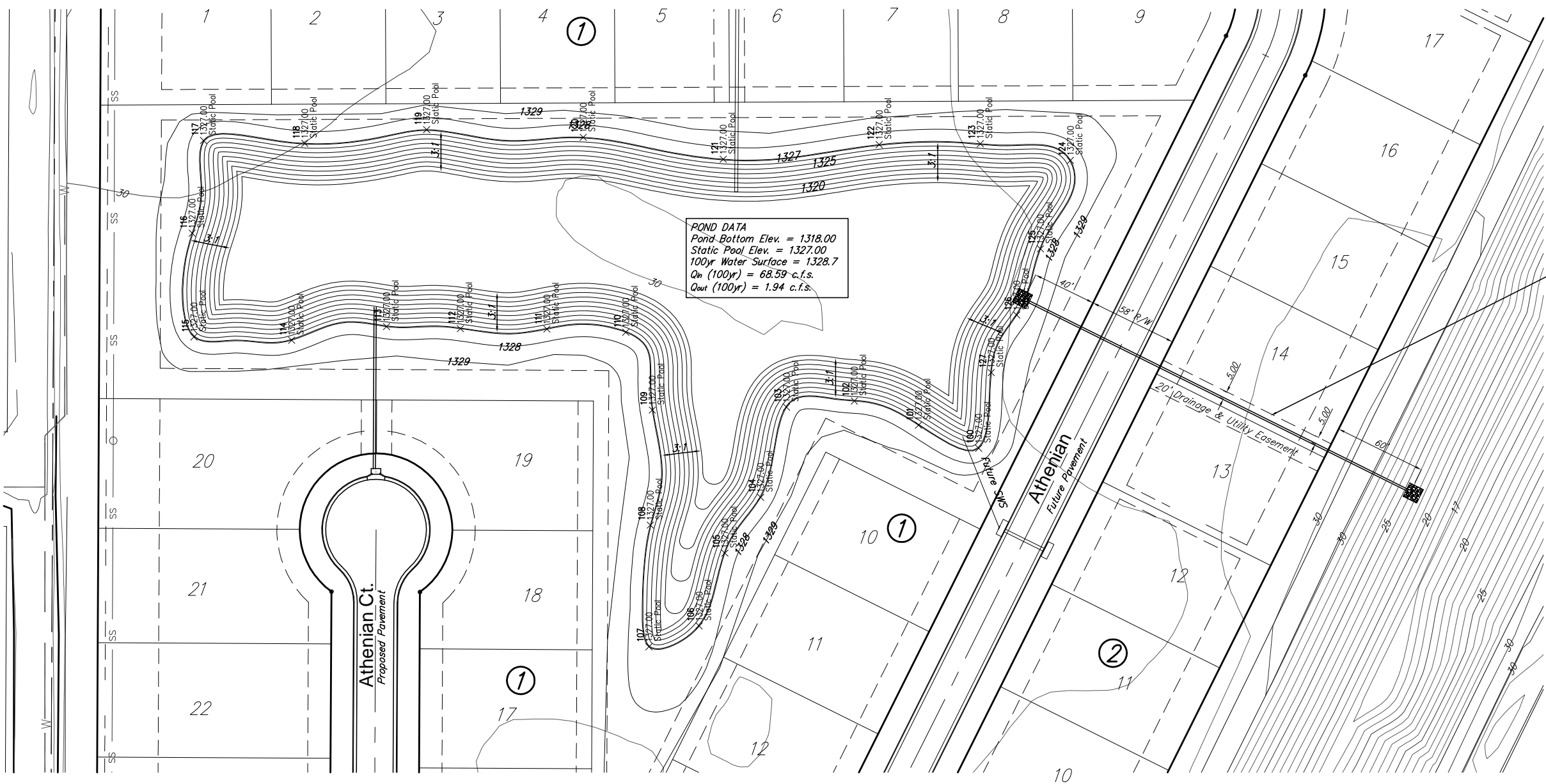




Scale : 1" = 40'

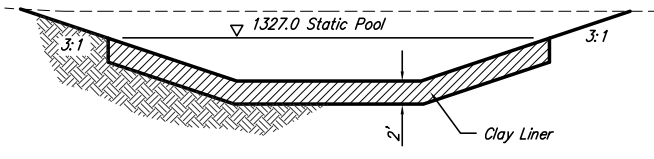


**POND DATA**  
 Pond Bottom Elev. = 1318.00  
 Static Pool Elev. = 1327.00  
 100yr Water Surface = 1328.7  
 Q<sub>in</sub> (100yr) = 68.59 c.f.s.  
 Q<sub>out</sub> (100yr) = 1.94 c.f.s.

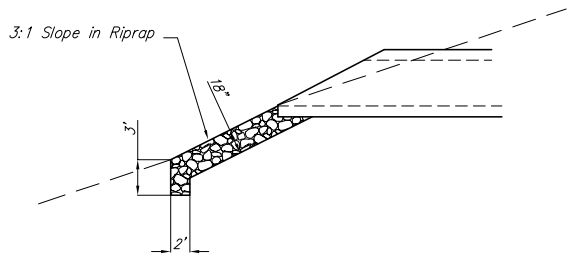
INSTALL 282 L.F. 15" RCP WITH END SECTIONS.  
 FL IN (N) 1327.00  
 FL OUT (S) 1324.00  
 PLACE 15 S.Y. LIGHT STONE RIPRAP  
 AT NORTH END, 15 S.Y. SOUTH END.  
 SEE PROFILE THIS SHEET.

POINT TABLE			
POINT NUMBER	NORTHING	EASTING	DESCRIPTION
100	5428.0328	4457.9870	Static Pool
101	5467.4360	4473.1069	Static Pool
102	5509.5061	4488.9236	Static Pool
103	5553.9396	4484.8900	Static Pool
104	5570.8698	4425.8048	Static Pool
105	5594.3066	4389.2472	Static Pool
106	5611.1240	4341.4702	Static Pool
107	5644.0373	4327.8986	Static Pool
108	5643.1616	4407.6056	Static Pool
109	5641.8705	4482.9754	Static Pool
110	5659.1760	4533.9861	Static Pool
111	5710.9147	4536.0774	Static Pool
112	5767.6052	4536.3432	Static Pool
113	5815.9864	4537.6885	Static Pool
114	5878.1408	4528.7920	Static Pool
115	5942.1515	4530.9470	Static Pool
116	5943.3277	4598.9082	Static Pool
117	5935.8291	4659.7005	Static Pool
118	5869.5450	4657.7846	Static Pool
119	5789.6735	4666.7704	Static Pool
120	5687.0884	4661.7860	Static Pool
121	5595.4080	4647.4118	Static Pool
122	5493.1566	4657.0167	Static Pool
123	5426.9581	4657.5611	Static Pool
124	5367.8693	4646.6718	Static Pool
125	5387.5060	4588.6582	Static Pool
126	5403.0760	4545.2708	Static Pool
127	5419.7662	4507.5653	Static Pool

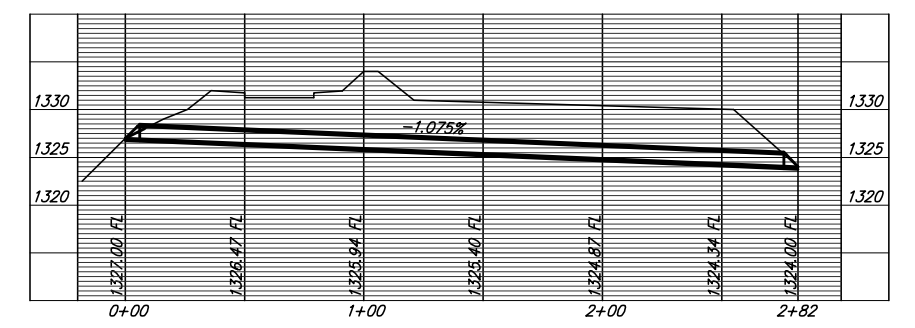
NOTE: THE POND BOTTOM AND SIDES ARE TO BE LINED WITH CLAY TO A MINIMUM DEPTH OF 2 FEET, MOISTURE CONDITIONED AND COMPACTED TO A MINIMUM OF 95 PERCENT OF STANDARD PROCTOR DENSITY (ASTM D-698) FROM MINUS 3 TO PLUS 3 PERCENT OF OPTIMUM MOISTURE CONTENT. THERE WILL BE NO SOIL SUITABLE FOR POND LINER ON SITE, CONTRACTOR SHALL IMPORT 7000 C.Y. OF CLAY SOIL WITH A MINIMUM P.I. VALUE OF 30, SOIL TO BE PAID FOR AS "POND LINER C.Y."



CLAY LINER DETAIL



LIGHT STONE RIP-RAP DETAIL



VALENCIA ADDITION, DETENTION POND  
 DETENTION POND  
 WICHITA, KANSAS

**Ruggles & Bohm, P.A.**  
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DESIGN CMB  
 DRAWN RA  
 REVIEW RA  
 UTILITY

PROJECT NUMBER 468-84260  
 DATE Jan. 29, 2007

SHEET 6 OF 14