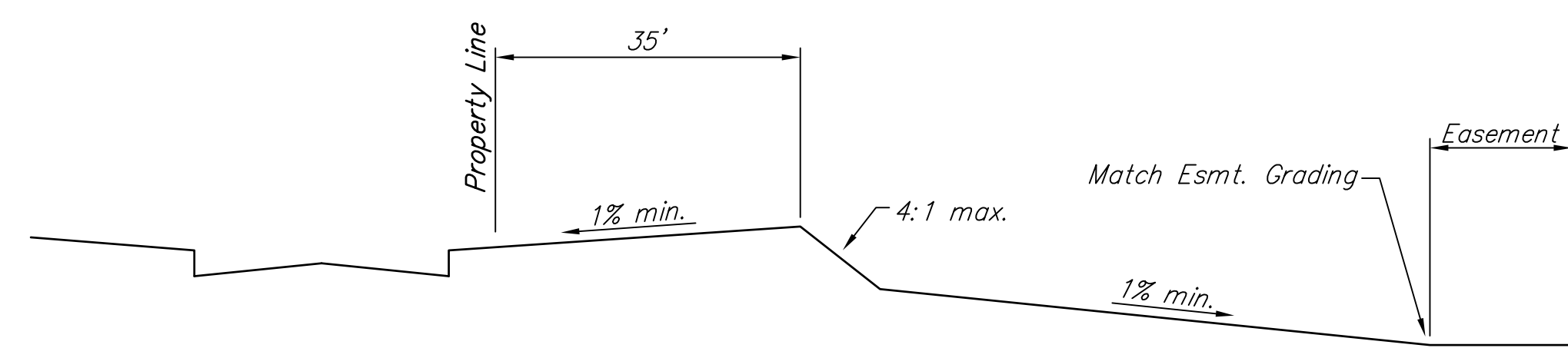


Proposed Pond
 Static Pool = 1352.0
 100 year WS = 1355.0
 Q_{100 in} = 77.4 cfs
 Q_{100 out} = 46.8 cfs

POND COORDINATES			
Point #	Northing	Easting	Description
136	20598.51	22264.44	
122	20598.32	22284.38	
131	20648.40	22532.30	
108	20604.25	22352.85	
117	20628.42	22533.06	
103	20563.32	22483.62	
112	20545.52	22426.85	
125	20525.60	22354.85	
134	20642.14	22352.02	
111	20545.46	22354.29	
120	20622.23	22352.36	
129	20565.21	22574.42	
106	20608.65	22482.53	
115	20567.39	22554.58	
101	20563.57	22353.75	
137	20565.80	22264.42	
123	20565.58	22284.51	
132	20646.61	22481.66	
109	20602.57	22305.05	
118	20626.72	22482.06	

POND COORDINATES			
Point #	Northing	Easting	Description
104	20565.85	22536.40	
113	20545.48	22484.04	
126	20525.62	22427.09	
135	20640.43	22302.37	
121	20620.52	22303.13	
130	20610.34	22574.42	
107	20606.58	22425.29	
116	20607.59	22554.61	
102	20563.65	22426.45	
124	20525.65	22304.37	
133	20644.73	22424.60	
110	20545.80	22303.55	
119	20624.74	22424.77	
128	20525.46	22536.19	
105	20607.68	22536.52	
114	20545.47	22535.78	
100	20563.65	22304.42	
127	20525.33	22484.38	

POND PLAN



Section Through Lot

NOTES:
 ALL WORK ASSOCIATED WITH THE POND CONSTRUCTION SHALL BE SUBSIDIARY TO THE BID ITEM "EXCAVATION"
 ALL EXCESS DIRT GENERATED FROM PONDS SHALL BE WASTED ON LOTS 1-18 BLOCK 1 TO PROVIDE POSITIVE DRAINAGE. 1% MINIMUM SLOPE ON GRADED AREAS.

NOTE: 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. MINIMUM PI OF THE SOIL USED FOR THE POND LINER IS 30.

PAVING IMPROVEMENTS POND PLAN WICHITA, KANSAS			
	Ruggles & Bohm, P.A. Engineering, Surveying, Land Planning		
	924 North Main Wichita, Kansas 67203 www.rbkansas.com	(316) 264-8008 (316) 264-4621 fax E-mail: info@rbkansas.com	DESIGN: KWL DRAWN: RA REVIEW: UTILITY: DATE: ..
DRAWING FILE: Casa Bella 3 Eng Base {weir wall}	PROJECT NUMBER: ..	SHEET: 8	OF: 22