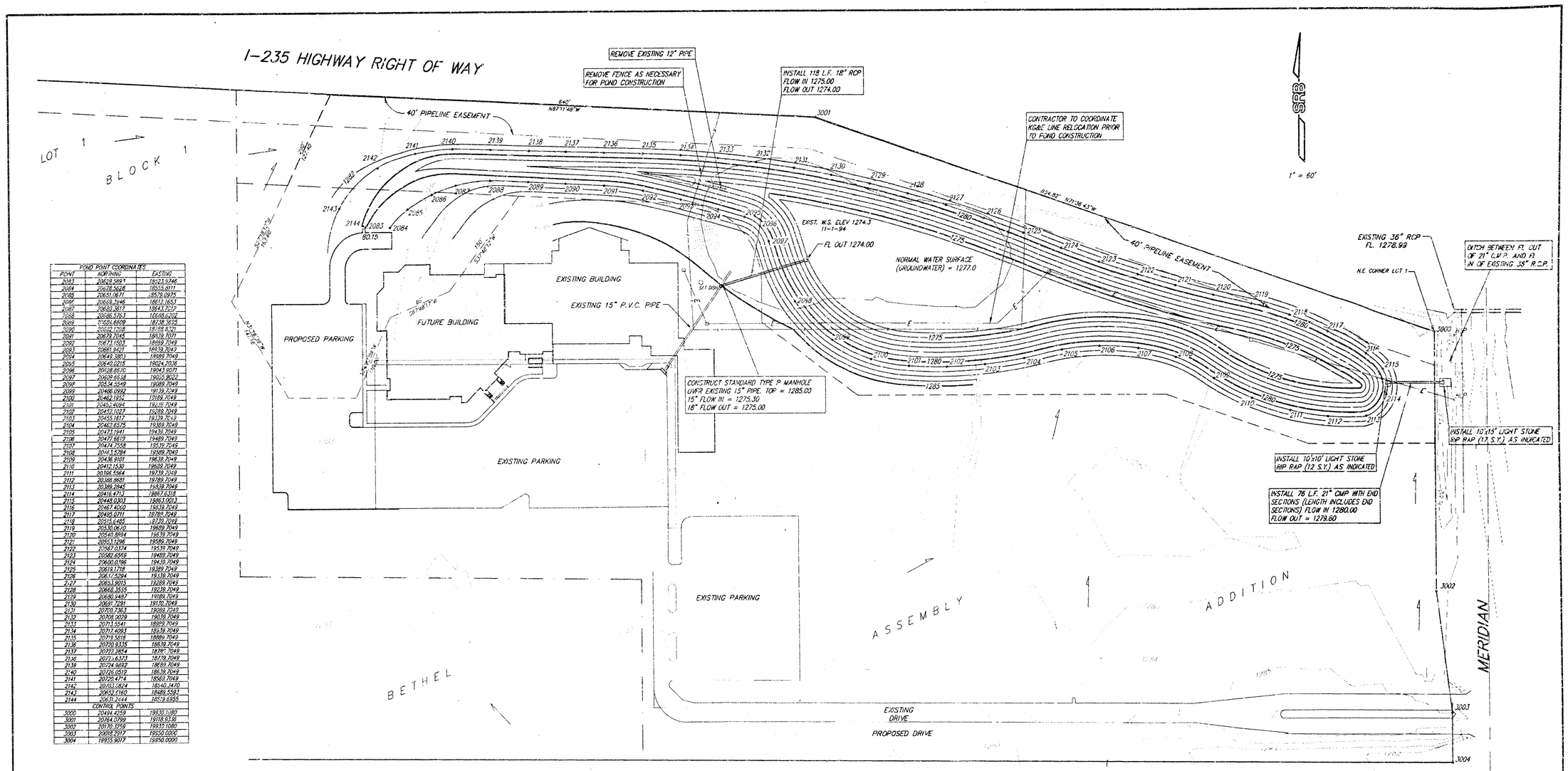

POND POINT COORDINATES		
POINT	NORTHING	EASTING
2083	20629.5951	18523.9746
2084	20628.5628	18555.8111
2085	20651.1671	18579.0975
2086	20669.3146	18613.1653
2087	20680.3617	18643.7217
2088	20686.5763	18668.6402
2089	20684.6609	18718.3675
2090	20692.1258	18788.8321
2091	20679.7045	18839.7071
2092	20673.1503	18889.7049
2093	20661.9421	18939.7049
2094	20649.3803	18989.7049
2095	20640.0215	19024.2038
2096	20628.8570	19043.5071
2097	20609.9538	19055.8020
2098	20534.5549	19089.7049
2099	20486.0992	19139.7049
2100	20462.1952	19189.7049
2101	20454.4084	19239.7049
2102	20447.1027	19289.7049
2103	20455.1617	19339.7049
2104	20462.6575	19389.7049
2105	20473.1941	19439.7049
2106	20477.6619	19489.7049
2107	20474.7358	19539.7049
2108	20447.5784	19589.7049
2109	20436.9101	19639.7049
2110	20412.1530	19689.7049
2111	20396.1564	19739.7049
2112	20388.8681	19789.7049
2113	20389.2945	19839.7049
2114	20416.4713	19867.5318
2115	20448.0303	19861.0013
2116	20467.4060	19839.7049
2117	20495.0711	19789.7049
2118	20515.2485	19739.7049
2119	20530.0610	19689.7049
2120	20540.8994	19639.7049
2121	20553.1296	19589.7049
2122	20567.0374	19539.7049
2123	20582.6569	19489.7049
2124	20600.0196	19439.7049
2125	20619.1718	19389.7049
2126	20641.5294	19339.7049
2127	20653.8015	19289.7049
2128	20668.3535	19239.7049
2129	20680.9487	19189.7049
2130	20691.7291	19139.7049
2131	20700.1363	19089.7049
2132	20708.9029	19039.7049
2133	20713.5541	18989.7049
2134	20717.4083	18939.7049
2135	20719.5816	18889.7049
2136	20720.9335	18839.7049
2137	20722.2854	18789.7049
2138	20723.6373	18739.7049
2139	20724.9892	18689.7049
2140	20726.0512	18639.7049
2141	20720.4714	18588.7049
2142	20703.5824	18540.3470
2143	20652.7160	18489.5587
2144	20631.2444	18512.6955
CONTROL POINTS		
3000	20494.4259	19930.1080
3001	20764.0799	19118.9338
3002	20170.3259	19930.1080
3003	20018.2017	19550.0000
3004	19935.9017	19950.0000

BENCH MARK:

BRASS CAP ON NW CORNER OF HUBGUARD @ WEST SIDE OF RCBC ON MERIDIAN, NORTH OF I-235, ELEV. 1287.55 (MSL)

TOPOGRAPHIC SURVEY DATE 11-1-94

NOTE:

THIS PLAN IS BASED ON MAXIMUM OF 322,340 SQ. FT. (7.4 ACRES) TOTAL PAVEMENT AND ROOF AREAS. ANY INCREASE OF IMPERVIOUS SURFACE OVER THIS AREA LIMIT WOULD REQUIRE ADDITIONAL DETENTION. SEE ACCOMPANYING DRAINAGE REPORT.

STORM SEWER NOTES:

This part of the project consists of installing 118 lineal feet of 18" dia. reinforced concrete pipe, 76 lineal feet of 21" dia. corrugated metal pipe and one 4 ft. dia. precast concrete manhole at the grades and locations shown on the plans.

1. The technical specifications for this part of the construction shall be the City of Wichita Standard Specifications for Storm Water and Drainage.
2. The existing 18" storm sewer line extending northeasterly of the new manhole shall be abandoned in place and both ends shall be plugged as per specifications.
3. Contractor shall ditch between flowline out of new 21" c.m.p. to the flowline in of the existing 36" r.c.p.

POND CONSTRUCTION SPECIFICATIONS:

This part of the project consists of performing the clearing, excavation and embankment necessary to build the pond according to the grades and location shown on the plans.

1. Clearing and grubbing of pond site shall be in accordance with section 202 of the 1990 edition of STANDARD SPECIFICATIONS FOR STATE ROAD AND BRIDGE CONSTRUCTION FOR THE KANSAS DEPARTMENT OF TRANSPORTATION.
2. Unclassified excavation of pond site shall be in accordance with section 204 of the 1990 edition of STANDARD SPECIFICATIONS FOR STATE ROAD AND BRIDGE CONSTRUCTION FOR THE KANSAS DEPARTMENT OF TRANSPORTATION.
3. Compaction of earthwork for pond site shall be Type B, MR 90 and shall be in accordance with section 210 of the 1990 edition of STANDARD SPECIFICATIONS FOR STATE ROAD AND BRIDGE CONSTRUCTION FOR THE KANSAS DEPARTMENT OF TRANSPORTATION.
4. Interior slopes of pond shall be 6:1.
5. All trees, debris, and excess material shall be removed from the site by the contractor.
6. Contractor shall be responsible for the coordination and cost of relocating the existing KG&E Electric line around the proposed pond.
7. Seeding, Fertilizing and Mulching of distrubed areas shall comply to City of Wichita specifications.

INSPECTION AND TESTING FOR THIS PROJECT TO BE PROVIDED BY A LICENSED CONSULTING ENGINEERING FRIM UNDER CONTRACT WITH THE OWNER/DEVELOPER. SAID INSPECTION TO BE IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD CONSTRUCTION ENGINEERING PRACTICES AND CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER. NO WORK SHALL BE PERFORMED IN DEDICATED EASEMENTS OR PUBLIC RIGHT-OF-WAY BY THE CONTRACTOR WITHOUT SUCH INSPECTIONS, NOR SHALL ANY WORK BE COMMENCED IN DEDICATED EASEMENTS OR PUBLIC RIGHT-OF-WAY WITHOUT WRITTEN AUTHORIZATION BY THE CITY ENGINEER.

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA

Sanitary Sewers _____

Storm Sewers VRH 9/11/95

Driveway Approaches _____

Water Mains _____

Paving _____

DISTRICT ENGINEER LICENSED 21631 KANSAS PROFESSIONAL ENGINEER
9-11-95

DETENTION POND TO SERVE BETHEL ASSEMBLY ADDITION

SRB
924 NORTH MAIN
WICHITA, KANSAS 67203
316-264-8008
FAX 264-4821
SAVOY, RUGGLES & BOHM, P.A.
ENGINEERING & SURVEYING

REVISED

PROJECT NUMBER 586 PPS (607681)

DRAWN	DESIGN	REVIEW	DATE	UTILITY	SHD JOB
CMB	CMB		9-8-95		204C

SHEET NO. 1 of 1 Sheets

C:\PROJECTS\ACTIVE\204C\PLAN\204C1R6 Mon Sep 11 11:25:15 1995

18-10-1-S