LEGEND

- Fire Hydrant
- Waterline
- Water Service
- Sanitary Sewer & Manhole
- Sanitary Sewer Service

4" SANITARY SEWER STUBS		
MH#	FOR SERVICE LINE TO	IN ELEV. OF STUB
MH 1	BLDG. 18-C	172.8
MH 1	BLDG. 19-C	171.2
MH 4	BLDG. 1-B	180.0
MH 4	BLDG. 2-B	180.8
MH 4	CLUBHOUSE	177.2
MH 5	BLDG. 13-B	175.5
MH 5	BLDG. 14-B	175.5
MH 5	BLDG. 12-B	174.5
MH 1	BLDG. 20-C	172.8

SCALE: 1" = 50'

City of Wichita Water Dept.
Proj. No. 587-80-925-80275-000-000-001

City of Wichita Sanitary Sewer
Proj. No. DBKW 707086

NOTE: Construction of on-site waterlines shall be halted at the south right-of-way line of Bedell if the 8" waterline paralleling Bedell is unconstructed. In this event, construction of the connecting segments across Bedell will be executed under private contract after completion of the Bedell main.

8" Waterline To Be Const. by Others
City of Wichita Water Dept.
Project No. 587-80-925-80274-000-000-001

10,392.41 N 9,109.49 E
Connect to 8" Valve

214.15'

10,172.96 N 8,855.77 E
Connect to 8" Valve

10,440.16 N 9,429.24 E
Const. Type A or C Std. Manhole (No. 5)

94'-8" AC Pipe

10,313.88 N 9,169.29 E
1-8"x6" Hyd. Valve Anchor Tee
1-6" MJ Gate Valve
1-6" Valve Box
2'-6" CICL Pipe
1 Fire Hydrant

240'-8" AC Pipe

10,134.69 N 9,321.95 E
1-8" CIMJ 90° Bend, AB

51'-8" AC Pipe

10,052.08 N 9,076.69 E
Const. Type A or C Std. Manhole (No. 1)

253'-8" AC Pipe

17'x8" AC Pipe

10,245.16 N 9,569.15 E
Const. Type A or C Std. Manhole (No. 2)

Sanitary Sewer Line A

10,117.46 N 8,903.28 E
1-8"x6" Hyd. Valve Anchor Tee
1-6" MJ Gate Valve
1-6" Valve Box
11'-6" AC Pipe
1 Fire Hydrant

10,123.87 N, 9,308.83 E
1-8"x6" Hyd. Valve Anchor Tee
1-6" MJ Gate Valve
1-6" Valve Box
4'-6" CICL Pipe
1 Fire Hydrant

317'-8" AC Pipe

51'-8" AC Pipe

9,922.24 N 9,064.22 E
1-8"x8" CIMJ Tee

2,889.80 N 9,024.87 E
1-8"x6" Hyd. Valve Anchor Tee
1-8" CIMJ Plug
1-6" MJ Gate Valve
1-6" Valve Box
2'-6" CICL Pipe
1 Fire Hydrant

10,713.92 N 9,681.33 E
Water Dept. to be reimbursed for Cost of Furnishing & Installing
1-8"x8" Tapping Sleeve
1-8" Tapping Valve
1-6" Valve Box

Bore & Install 18"x40' Casing Pipe See Sh. No. 6A

10,583.93 N 9,681.33 E
1-8"x6" Hyd. Valve Anchor Tee
1-6" MJ Gate Valve
1-6" Valve Box
12'-6" AC Pipe
1 Fire Hydrant

10,554.00 N 9,681.33 E
1-8"x22 1/2° CIMJ Bend

Sanitary Sewer Line B-1

174.4'-8" AC Pipe

10,188.62 N 9,626.00 E
1-8"x22 1/2° CIMJ Bend

Sanitary Sewer Line B

97.6'-8" AC Pipe

300'-8" AC Pipe

2,995.00 N 9,581.48 E
Plug and Stake End of 8" Pipe See Detail

8" Sanitary Sewer & Manholes To be Const. by Others City of Wichita Sanitary Sewer Proj. No. DBKL 574040

10,424.93 N 9,626.34 E
Const. Type A or C Std. Manhole (No. 3)

10,424.93 N 9,803.34 E
Const. Type A or C Std. Manhole (No. 4)

10,566.93 N 9,626.00 E
1-8"x6" Hyd. Valve Anchor Tee
1-8" CIMJ Plug
1-6" MJ Gate Valve
1-6" Valve Box
4'-6" CICL Pipe
1 Fire Hydrant

10,091.00 N 9,626.00 E
1-8"x8" CIMJ Tee
1-8"x6" CIMJ Reducer 8" Sp. x 6" B.
4'-6" CICL Pipe

10,084.00 N 9,626.00 E
1-6"x6" Hyd. Valve Anchor Tee
1-6" CIMJ Plug
1-6" MJ Gate Valve
1-6" Valve Box
14'-6" AC Pipe
1 Fire Hydrant

8" Sanitary Sewer & Manhole To be Const. by Others City of Wichita Sanitary Sewer Proj. No. DBKL 574040

PIPE STAKING DETAIL

3" Dia. Galv. Pipe (Painted Fluorescent Orange)
Ground
3' Min.
2" x 2" Redwood Stake
Pipe

See Sh. No. 3 for Site Layout.
See Sh. No. 4 for Site Grading & Drainage.
See Sh. No. 6A for Utilities Profiles.
See Sh. No. 4 for General Note.

BEECH

LAUREL

BEDELL

BRECKENRIDGE

WEBB ROAD

10' Water Esmt.

20' San. Sewer Esmt.

114.67'

130'-8" AC Pipe

17'-8" AC Pipe

10,566.93 N 9,681.93 E
1-8"x8" CIMJ Tee

244.7'-8" AC Pipe

212.9'-8" AC Pipe

510' Water Esmt.

20' San. Sewer Esmt.

124°38'18"

142°32'12"

90°46'41"

110°51'21"

82°49'24"

84°42'59"

66°08'17"

COSSEN LIVINGS ASSOCIATES, P.A.

PROFESSIONAL ENGINEERS & PLANNERS

APPROVED AS NOTED
By: CITY ENGINEER
Sanitary
Storm Sewer

NOTE TO CONTRACTOR
This project will be constructed under SANITARY SEWER EXTENSIONS BLOCK 5 QUAIL MEADOWS SECOND ADDITION CITY OF WICHITA PROJ NO. DBKW 707086
the supervision of the ENGINEER
and conforming to the CONSTRUCTION
of the City of Wichita, Kansas
Inspection 12-22-77

FOX RUN
WICHITA, KANSAS

UTILITY PLAN

UTILITY PROFILES

SANITARY SEWER LINE A

SANITARY SEWER LINE B

SANITARY SEWER LINE D-1

WATERLINE 3

WATERLINE 5

WATERLINE

INSTALLATION OF 18-INCH CASING PIPE

All installation of casing pipe by boring shall use methods and equipment that ensure the hole is the same as the casing pipe will not be permitted.

All casing pipe shall be new steel pipe meeting A.S.T.M. specifications for Grade B and shall have a minimum wall thickness to about A 131 inch. Good used steel pipe meeting the above requirements may be used when approved by the Chief Water Pipeline Construction Inspector.

Treated wooden blocks or skids shall be fastened to each joint to prevent movement as to properly support the coupling pipe concentrically within the casing pipe. After the coupling pipe has been installed the casing pipe shall be completely filled with sand by using methods permanently closed.

See site grading and utility plans, Sh. Nos. 4, 5 & 7 for additional information.