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	173.5
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.

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

10,179.96 N 8,855.77 E
Connect to 8" Valve

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

214.15'

94'-8" AC Pipe

240'-8" AC Pipe

253'-8" AC Pipe

51'-8" AC Pipe

10,312.88 N 9,162.29 E
1-8"x6" Hyd Valve Anchor Tee
1-6" MJ Gate Valve
1-6" Valve Box
2'-6" C&CL Pipe
1 Fire Hydrant

10,059.08 N 9,076.69 E
Const Type A or C Std
Manhole (No. 1)

17'x8" AC Pipe

10,117.46 N 8,903.29 E
1-8"x6" Hyd Valve Anchor Tee
1-6" MJ Gate Valve
1-6" Valve Box
11'-6" AC Pipe
1 Fire Hydrant

10,240.16 N 9,429.24 E
Const Type A or C Std
Manhole (No. 5)

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

10,354.00 N 9,681.33 E
1-8"x22 1/2° CIMJ Bend

Sanitary Sewer Line B-1

10,134.60 N 9,321.15 E
1-8" CIMJ 90° Bend, AB

Sanitary Sewer Line A

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

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

9,522.24 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

10,713.92 N 9,681.33 E
Water Dept to be reimbursed for Cost of Furnishing & Installing
1-6"x6" Tapping Sleeve
1-8" Tapping Valve
6'-6" Valve Box

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

10,424.93 N 9,623.34 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 9,926.00 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

130'-8" AC Pipe

171'-8" AC Pipe

10,566.93 N 9,681.33 E
1-8"x8" CIMJ Tee

244.7'-8" AC Pipe

212.9'-8" AC Pipe

174.4'-8" AC Pipe

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

97.6'-8" AC Pipe

300'-8" AC Pipe

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

10,001.00 N 9,926.00 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

9,885.00 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

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

3" Dia. Galv. Pipe (Painted Florescent Orange)

Ground Line

3' Min.

2"x 2" Redwood Stake

Pipe

PIPE STAKING DETAIL

10' Water Esmt.

20' San. Sewer Esmt.

BEECH ROAD

WEBB ROAD

LAUREL

BRECKENRIDGE

N 90° 00' E

N 0° 00' W

N 74° 00' 02" W

124°38'18"

142°32'17"

90°46'41"

84°42'59"

66°08'17"

110°51'21"

92°49'24"

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.

GOSSEN LIVINGSTON ASSOCIATES, P.A.

PROFESSIONAL ENGINEERING CONSULTANTS, ENGINEERS

SANITARY SEWER EXTENSIONS
BLOCK 5, QUAIL MEADOWS SECOND ADDITION
CITY OF WICHITA PROJ NO. DBKW 707086

The project will be constructed under the supervision of this engineer and conforms to the CONSTRUCTION STANDARDS of the Wichita Area MAC

Inspector

12-29-72

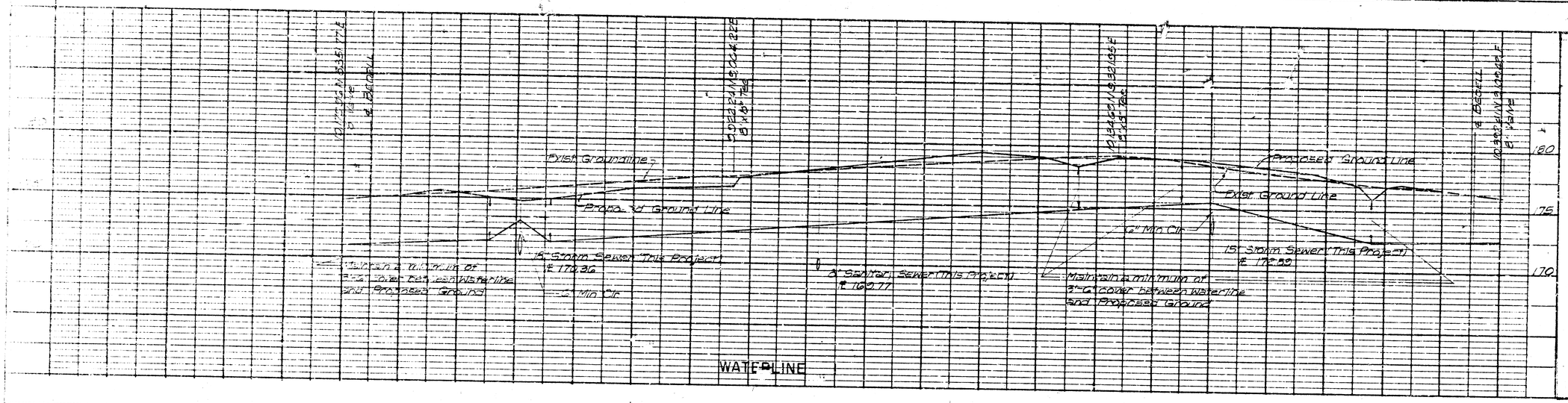
APPROVED AS NOTED
By City Engineer

Sanitary Sewers
Storm Sewers
Drainage Appurtenances

NOTE TO CONTRACTOR

FOX RUN
WICHITA, KANSAS

UTILITY PLAN



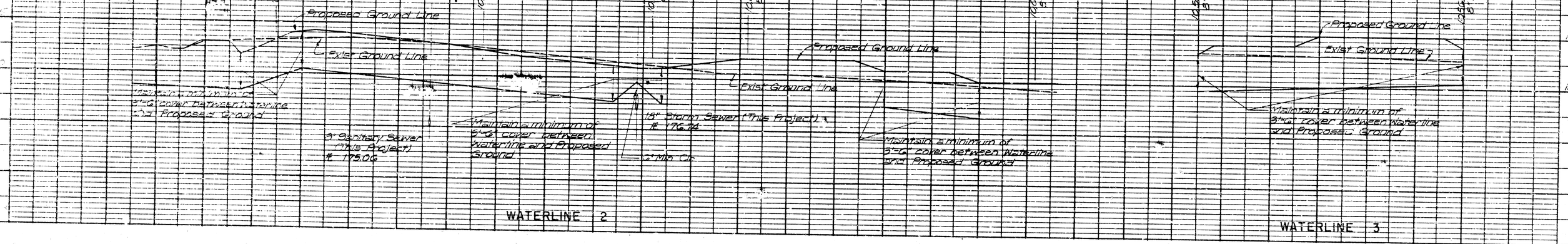
INSTALLATION OF 18-INCH CASING PIPE

The installation of casing pipe by boring shall use methods and equipment that encases the hole as the earth is removed. Boring without the concurrent installation of a casing pipe will not be permitted.

All casing pipe shall be new steel pipe meeting A.S.T.M. Specifications A 139 Grade B and shall have a minimum wall thickness of 0.250 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 of pipe in such a manner as to properly support the conduit pipe concentric within the casing pipe. After the conduit pipe has been installed, the casing pipe shall be completely filled with sand and the ends permanently closed.

See Site Grading and Utility Plans, Sh. Nos. 4, 5 for additional information.



No.	Revision	By	Date

UTILITY PROFILES

FOX RUN