LEGEND

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

4" SANITARY SEWER STUBS

MH #	FOR SERVICE LINE TO	INV. 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

10,179.36 N 8,855.77 E
Connect to 8" Valve

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

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-C" Valve Box

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

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

10,424.93 N 9,623.34 E
Const Type A or C Std Manhole (No. 3)

10,566.93 N 9,926.00 E
1-8"xG" Hyd Valve Anchor Tee
1-8" CIMJ Plug
1-G" MJ Gate Valve
1-G" Valve Box
4'-G" CICL Pipe
1 Fire Hydrant

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

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

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

10,091.00 N 9,926.00 E
1-8"xG" Hyd Valve Anchor Tee
1-8" CIMJ Plug
1-G" MJ Gate Valve
1-G" Valve Box
2'-G" CICL Pipe
1 Fire Hydrant

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

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

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

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

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

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

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

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

9,522.24 N 9,064.22 E
1-8"x8" CIMJ Tee

9,889.80 N 9,024.87 E
1-8"xG" Hyd Valve Anchor Tee

9,885.00 N 9,581.48 E
Plug and Stake End of 8" Pipe See Detail

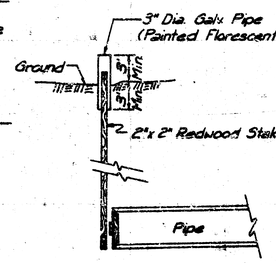
130'-8" AC Pipe
171'-8" AC Pipe
244.7'-8" AC Pipe
212.9'-8" AC Pipe
94'-8" AC Pipe
240'-8" AC Pipe
174.4'-8" AC Pipe
253'-8" AC Pipe
51'-8" AC Pipe
317'-8" AC Pipe
51'-8" AC Pipe
97.6'-8" AC Pipe
300'-8" AC Pipe
17'x8" AC Pipe

Sanitary Sewer Line A
Sanitary Sewer Line B-1
Sanitary Sewer Line B

10' Water Esmt.
20' San. Sewer Esmt.

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

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



PIPE STAKING DETAIL

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

GOSSEN LIVINGSTON ASSOCIATES, P.A.

PROFESSIONAL ENGINEERING CONSULTANTS, ENGINEERS

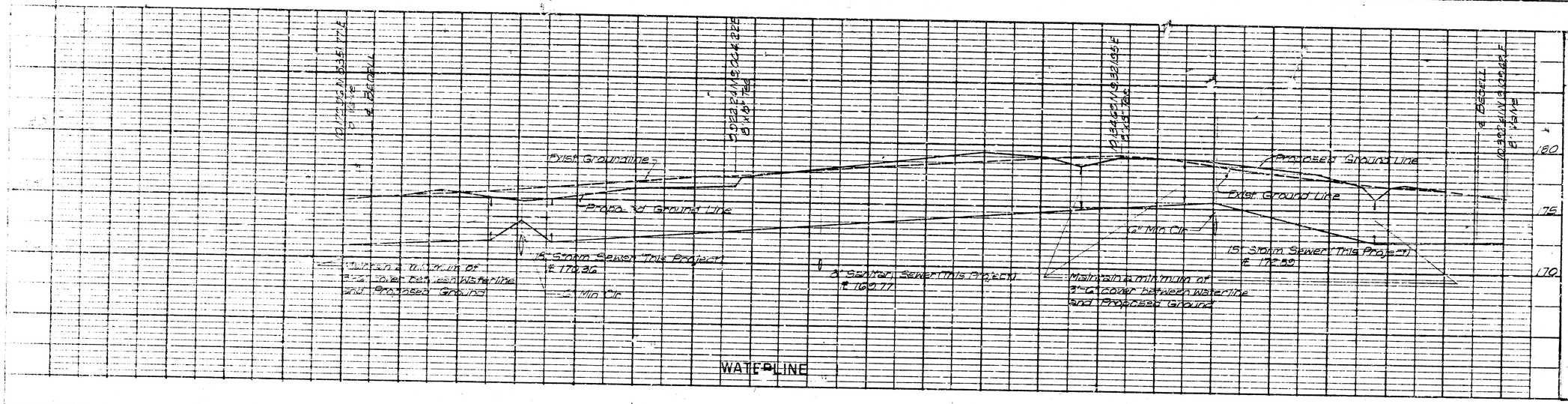
SANITARY SEWER EXTENSIONS
BLOCK 5, QUAIL MEADOWS SECOND ADDITION
CITY OF WICHITA PROJ NO. DBKW 707086

NOTE TO CONTRACTOR:
The project will be constructed under the supervision of this ENGINEER and conformance to these CONSTRUCTION PLANS is required. Inspection 12-29-72

APPROVED AS NOTED
By City Engineer

FOX RUN
WICHITA, KANSAS

UTILITY PLAN



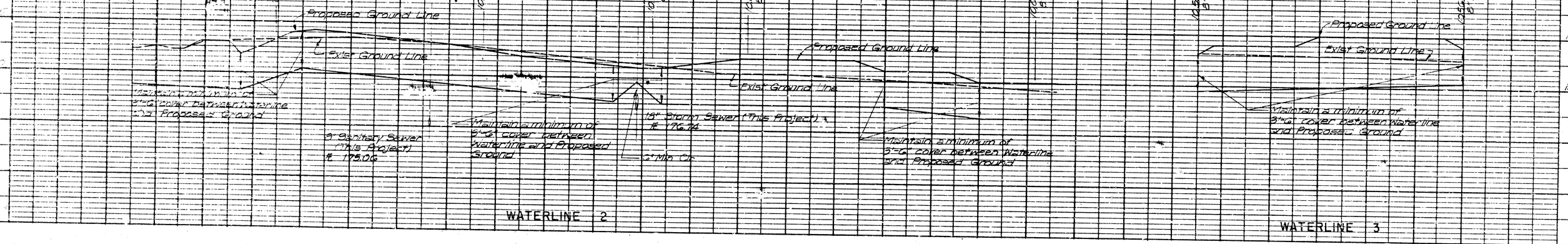
INSTALLATION OF 18-INCH CASING PIPE

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