

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

4" SANITARY SEWER STUBS		
MH#	FOR SERVICE LINE TO	ELEV. OF STUB
MH1	BLDG. 18-C	172.8
MH1	BLDG. 19-C	171.2
MH4	BLDG. 1-B	180.0
MH4	BLDG. 2-B	180.8
MH4	CLUBHOUSE	177.2
MH5	BLDG. 13-B	173.5
MH5	BLDG. 14-B	175.5
MH5	BLDG. 12-B	174.5
MH1	BLDG. 20-C	172.8

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

City of Wichita Sanitary Sewer
Proj No. DBKN 707086

SCALE: 1"=50'

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

8" Waterline To Be Const. by Others
City of Wichita Water Dept
Project No. 537-80-925-80274-000-000-001

10,172.92 N 8.85.77 E
Connect to 8" Valve

51'-8" AC Pipe

10,312.88 N 31.63.29 E
1-8"x6" Hyd Valve Anchor Tee
1-6" MJ Gate Valve
1-6" Valve Box
2'-6" C/CCL Pipe
1 Fire Hydrant

10,059.08 N 2.07.62 E
Const. Type A or C Std
Manhole (No. 11)

Sanitary Sewer Line A

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

9,822.24 N 9.06.22 E
1-8"x8" CIMJ Tee

9,809.80 N 9,024.87 E
1-8"x6" Hyd Valve Anchor Tee

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

BRECKENRIDGE

51'-8" AC Pipe

10,123.87 N 33.08.83 E
1-8"x6" Hyd Valve Anchor Tee
1-6" MJ Gate Valve
1-6" Valve Box
4'-6" C/CCL Pipe
1 Fire Hydrant

10,245.16 N 2.56.15 E
Const. Type A or C Std
Manhole (No. 2)

17'-8" AC Pipe

10,134.69 N 9.321.55 E
1-8" CIMJ 90° Bend, AB

240'-8" AC Pipe

94'-8" AC Pipe

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

Sanitary Sewer Line B-1

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

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

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

10,713.92 N 9,681.33 E
Water Dept to be reimbursed for Cost of Permitting & Installing
1-8"x8" Tapping Sleeve
1-8" Tapping Valve
1-8"x6" Valve Box

3" Dia. Galv Pipe (Painted Fluorescent Orange)

2"x2" Redwood Stakes

PIPE STAKING DETAIL

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

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

97'-8" AC Pipe

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

174'-8" AC Pipe

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

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

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

10,713.92 N 9,681.33 E
Water Dept to be reimbursed for Cost of Permitting & Installing
1-8"x8" Tapping Sleeve
1-8" Tapping Valve
1-8"x6" Valve Box

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

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

10,713.92 N 9,681.33 E
Water Dept to be reimbursed for Cost of Permitting & Installing
1-8"x8" Tapping Sleeve
1-8" Tapping Valve
1-8"x6" Valve Box

10,713.92 N 9,681.33 E
Water Dept to be reimbursed for Cost of Permitting & Installing
1-8"x8" Tapping Sleeve
1-8" Tapping Valve
1-8"x6" Valve Box

8" Sanitary Sewer & Manhole To be Const. by Others
City of Wichita Sanitary Sewer
Proj. No. DBKL 374040

20' San. Sewer Esmt.

510' Water Esmt.

97'-8" AC Pipe

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

174'-8" AC Pipe

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

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

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

10,713.92 N 9,681.33 E
Water Dept to be reimbursed for Cost of Permitting & Installing
1-8"x8" Tapping Sleeve
1-8" Tapping Valve
1-8"x6" Valve Box

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

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

10,713.92 N 9,681.33 E
Water Dept to be reimbursed for Cost of Permitting & Installing
1-8"x8" Tapping Sleeve
1-8" Tapping Valve
1-8"x6" Valve Box

130'-8" AC Pipe

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

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

10,713.92 N 9,681.33 E
Water Dept to be reimbursed for Cost of Permitting & Installing
1-8"x8" Tapping Sleeve
1-8" Tapping Valve
1-8"x6" Valve Box

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

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

10,713.92 N 9,681.33 E
Water Dept to be reimbursed for Cost of Permitting & Installing
1-8"x8" Tapping Sleeve
1-8" Tapping Valve
1-8"x6" Valve Box

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

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

10,713.92 N 9,681.33 E
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1-8"x8" Tapping Sleeve
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10,554.00 N 9,681.33 E
1-8"x22 1/2" CIMJ Bend

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

10,713.92 N 9,681.33 E
Water Dept to be reimbursed for Cost of Permitting & Installing
1-8"x8" Tapping Sleeve
1-8" Tapping Valve
1-8"x6" Valve Box

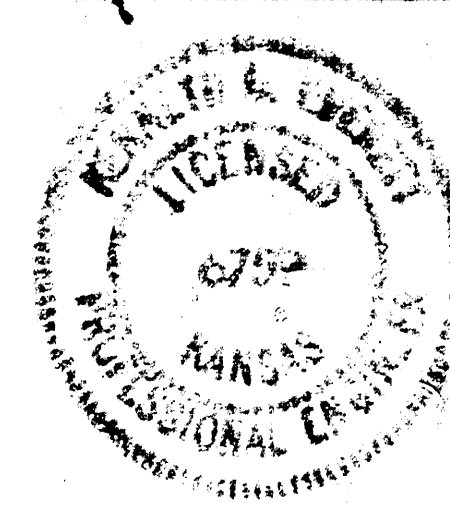
NOTE TO CONTRACTOR
The project will be constructed under SANITARY SEWER EXTENSIONS BLOCK 5 QUAIL MEADOWS SECOND ADDITION and conforming to the City of Wichita Sanitary Sewer Project No. DBKN 707086.

APPROVED AS NOTED
By City Engineer
12-29-77

FOX RUN
WICHITA, KANSAS

UTILITY PLAN

GOSSEN LIVINGSTON ASSOCIATES, P.A.



PROFESSIONAL ENGINEERING CONSULTANTS
ENGINEERS

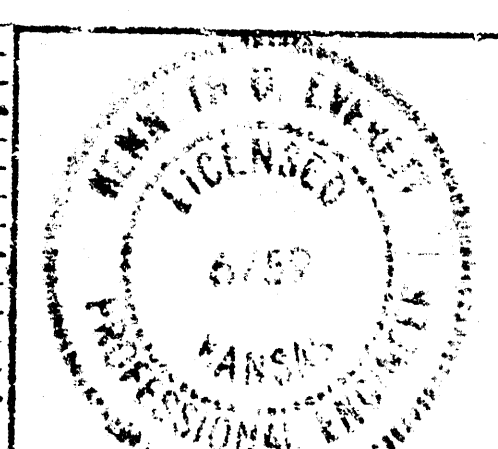
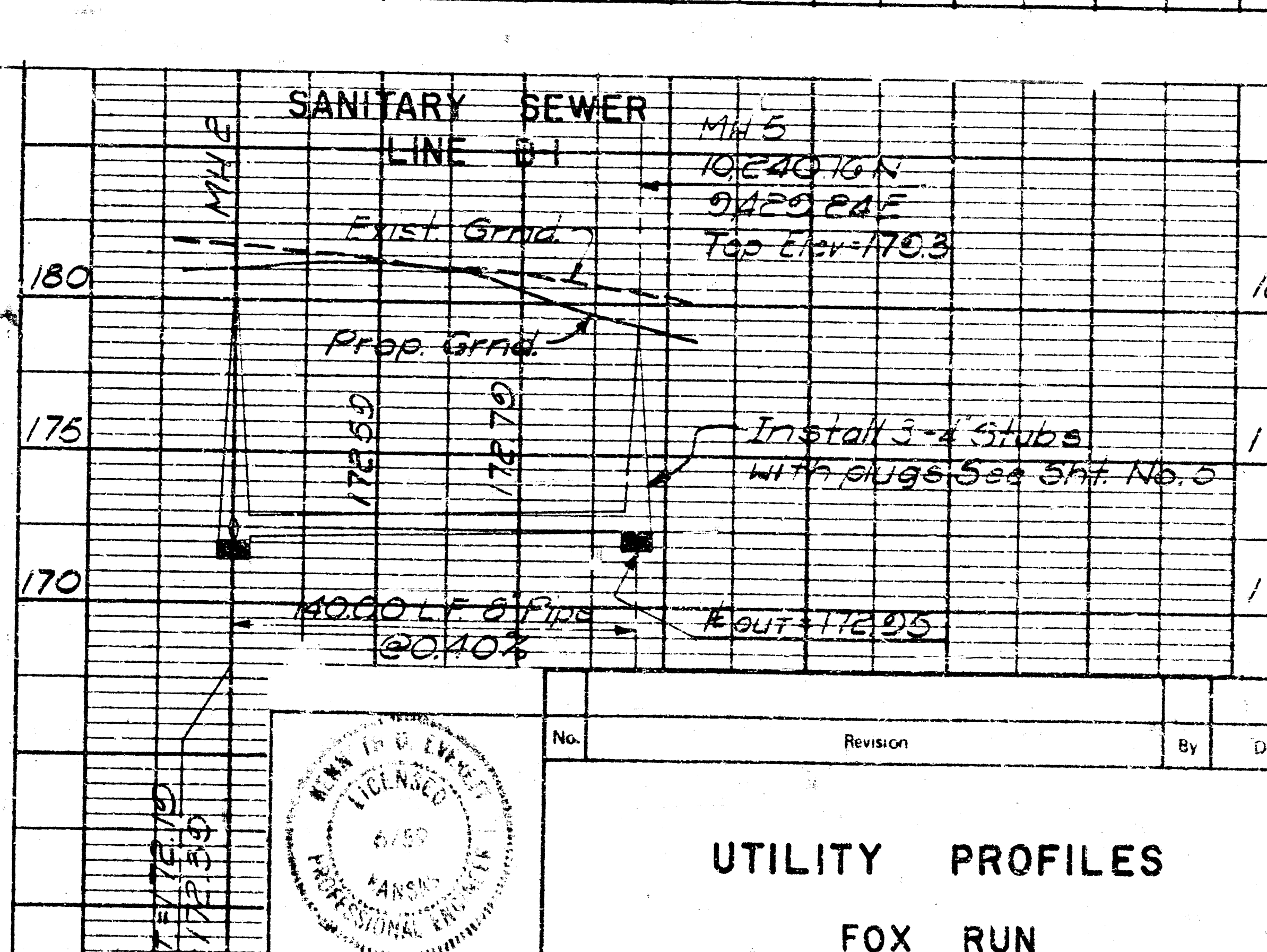
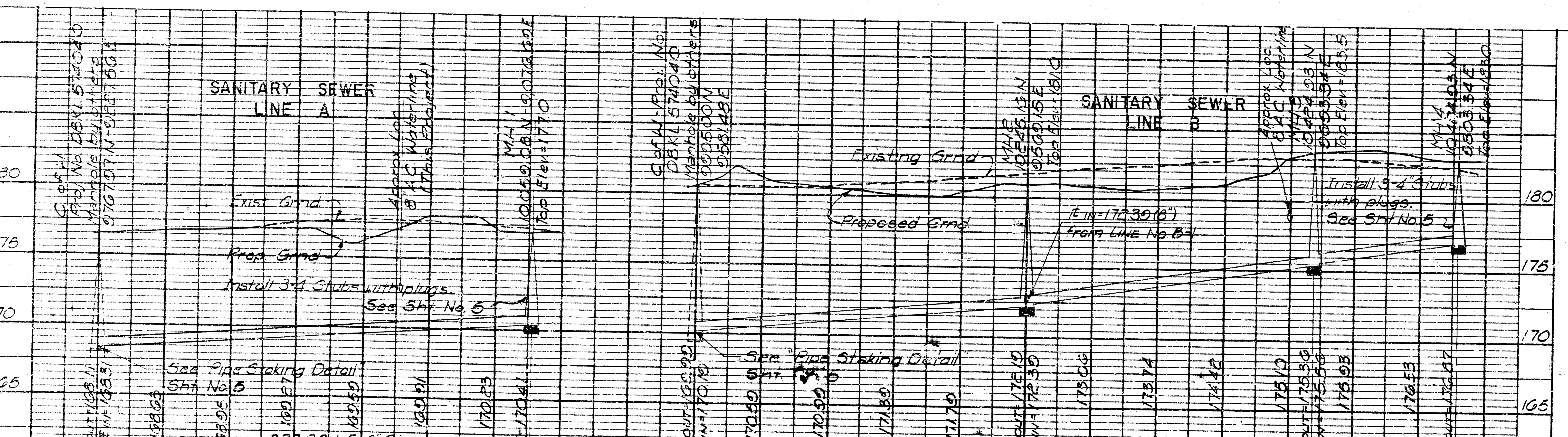
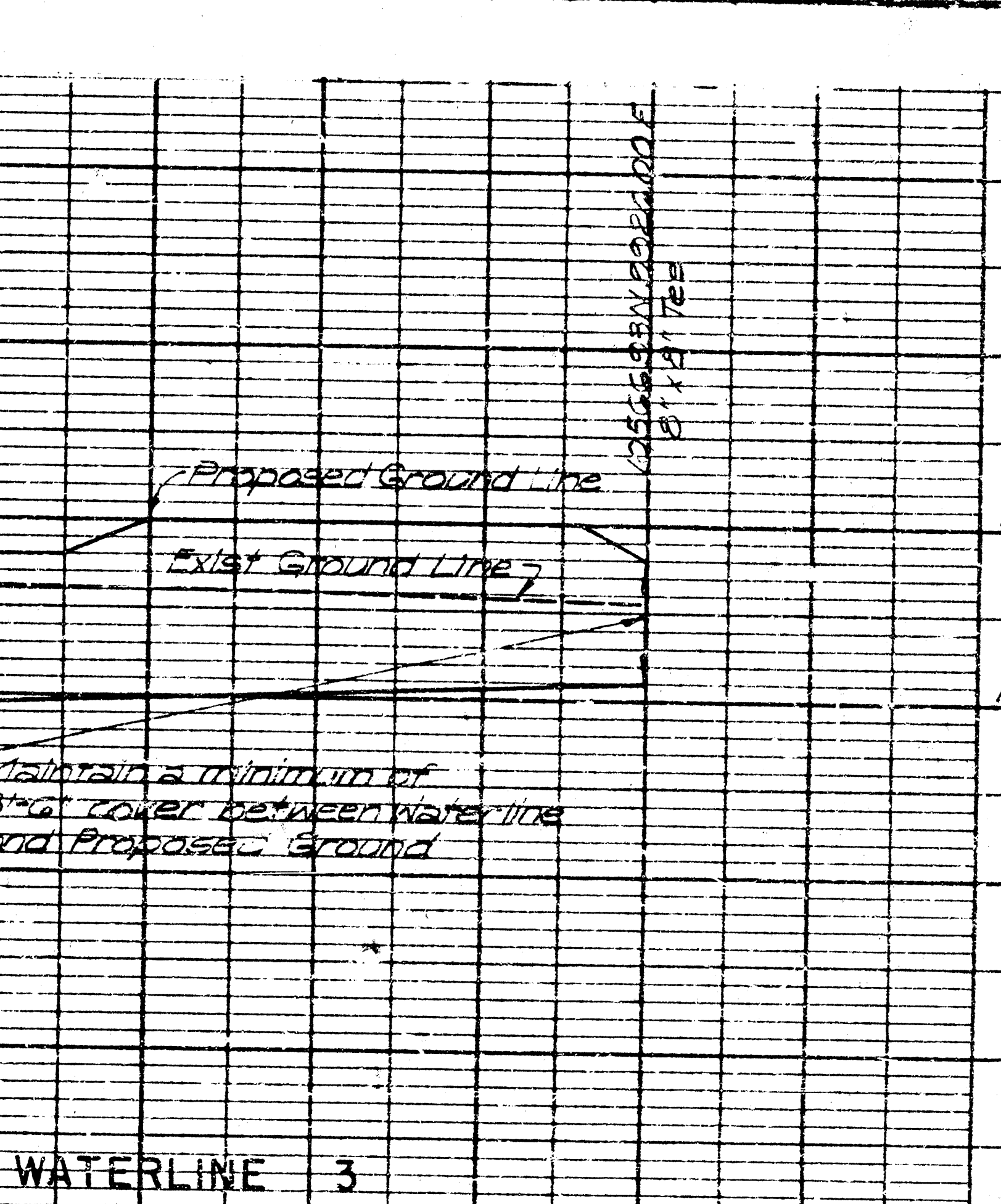
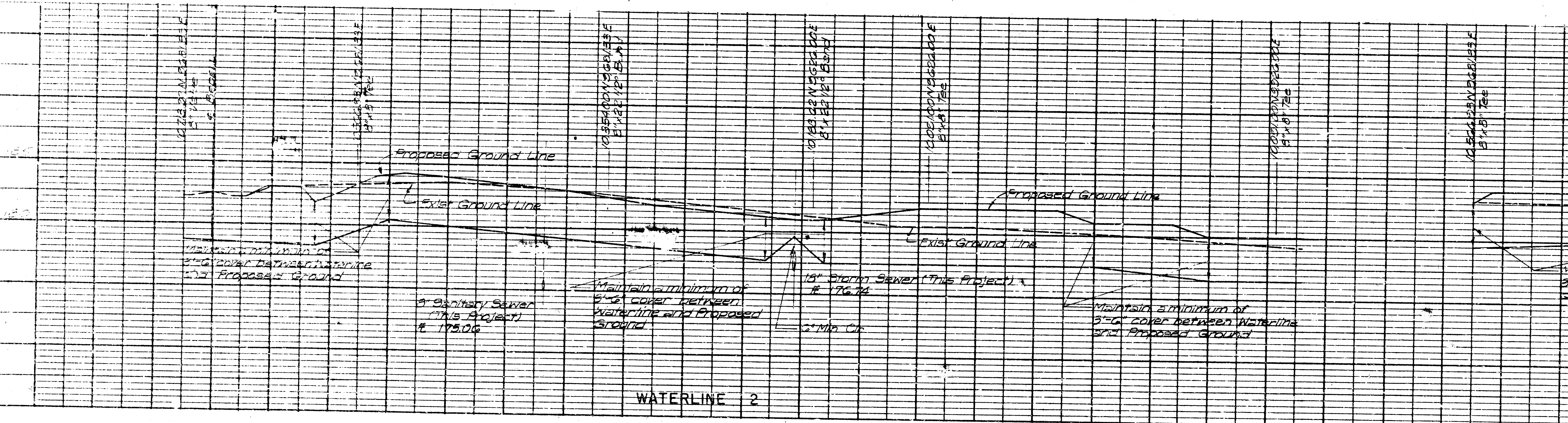
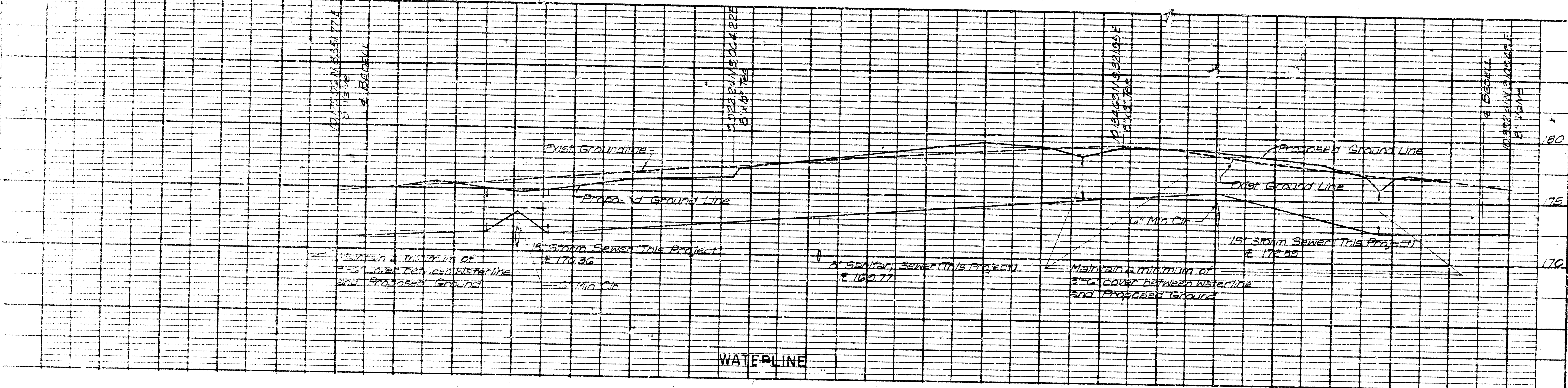
INSTALLATION OF 18-INCH CASING PIPE

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
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UTILITY PROFILES

FOX RUN