

CONSTRUCTION AND REPAIR PLANS FOR SANITARY SEWER SYSTEM TO SERVE

PLANEVIEW - WHITNEY LANE PART 2 THE CITY OF WICHITA,

SEDGWICK COUNTY, KANSAS

MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER

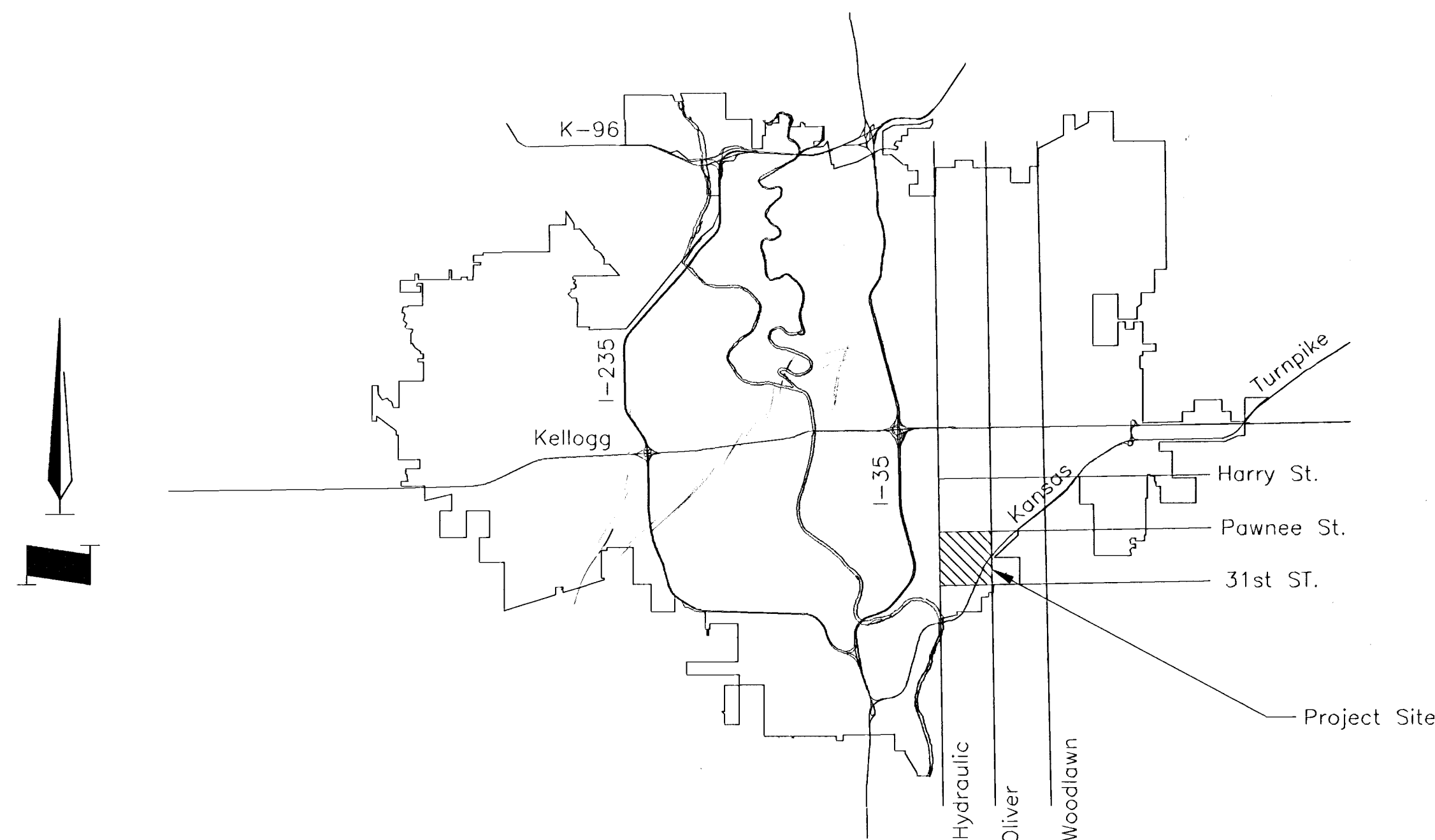
GENERAL NOTES

- ALL ELEVATIONS SHOWN ARE CITY OF WICHITA DATUM.
- CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF FORTY-EIGHT (48) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:

KANSAS ONE-CALL	687-2470
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THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:

CABLEVISION	262-4270 OR 263-2061
K&S	263-7511
K&E-ELECTRIC	264-1141
ARKLA GAS COMPANY	942-8350 OR 263-8161
SOUTHWESTERN BELL TELEPHONE CO.	1-571-2611
CITY OF WICHITA WATER DEPARTMENT	268-4908
CITY OF WICHITA SEWER MAINTENANCE	733-0202
- CONTRACTOR SHALL NOT START WORK ON THE PROJECT UNTIL THE PROJECT INSPECTOR IS ASSIGNED TO THE PROJECT AND IS PRESENT ON THE SITE. ANY WORK DONE WITHOUT INSPECTION WILL BE REQUIRED TO BE UNCOVERED FOR INSPECTION.
- THE CONTRACTOR SHALL GIVE ALL PROPERTY OWNERS AND/OR TENANTS OF DEVELOPED PROPERTY DIRECTLY ADJUTING THE CONSTRUCTION OF THIS PROJECT A MINIMUM OF TEN (10) DAYS ADVANCE NOTICE PRIOR TO START OF CONSTRUCTION. A COPY OF THIS NOTICE WILL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO NOTIFYING ANY PROPERTY OWNERS AND/OR TENANTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS. ALL COSTS FOR THIS WORK SHALL BE SUBSIDIARY TO SITE RESTORATION.
- THE CONTRACTOR SHALL RESTORE ALL DITCHES, SWALES, ROAD SHOULDERS, ENTRANCES, AND BANK LINES TO THEIR ORIGINAL SLOPES AND GRADES EXCEPT AS SHOWN OTHERWISE.
- INTERURBAN TRAFFIC GENERATED OUTSIDE THE PROJECT AREA AND LOCAL BUSINESS OR RESIDENTIAL TRAFFIC GENERATED WITHIN THE PROJECT AREA ARE TO BE CARRIED THROUGH CONSTRUCTION AS FURTHER PROMULGATED BY PROJECT SPECIAL PROVISIONS.
- RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES INCLUDING ANY TREES REMOVED AND TREE TRIMMINGS SHALL BE DISPOSED OF ON SITES PROVIDED BY THE CONTRACTOR. THESE SITES SHALL ALSO BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE, AND SITE LOCATION. LOCATIONS THAT, IN THE OPINION OF THE ENGINEER, LEAVE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED. ALL DISPOSAL SITES MUST BE APPROVED BY THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT. MATERIAL EITHER STOCKPILED OR DISPOSED OF IN A FLOOD PLAIN WILL REQUIRE A KANSAS STATE BOARD OF AGRICULTURE PERMIT. ANY MATERIAL DUMPED IN WATERS OF THE UNITED STATES OR WETLANDS IS SUBJECT TO U.S. CORPS OF ENGINEERS PERMITTING. ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVED CONSTRUCTION LIMITS MAY REQUIRE ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED DISPOSAL LOCATION.
- ALL LAWN/TURF AREAS DISTURBED BY CONSTRUCTION OF THE PROPOSED IMPROVEMENTS SHALL BE RESTORED WITH THE SAME GRASS/SOD AS EXISTING. RESTORATION OF DISTURBED AREAS SHALL INCLUDE, BUT NOT BE LIMITED TO, TOP SOIL PREPARATION, SEEDING, MULCH, AND/OR RESEEDING. ALL SEEDING/SODDING WORK SHALL BE IN ACCORDANCE WITH THE CITY OF WICHITA ADMINISTRATIVE REGULATION NO. AR78 WHICH GOVERNS CLEANUP AND RESTORATION OR REPLACEMENT FOLLOWING CONSTRUCTION. ALL COSTS FOR THIS WORK SHALL BE SUBSIDIARY TO THE LUMP SUM PRICE BID FOR "SITE RESTORATION."
- CONTRACTOR MUST PROTECT OR AVOID ALL CONCURRENT SIDEWALK PROJECTS BY OTHERS.



LOCATION MAP

Booked
P-17
7/7/98
RDL

PROJECT NOTES

- CONTRACTOR TO VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.
- ALL EXISTING MANHOLES REMAINING IN SERVICE ARE TO BE REHABILITATED AS FOLLOWS:

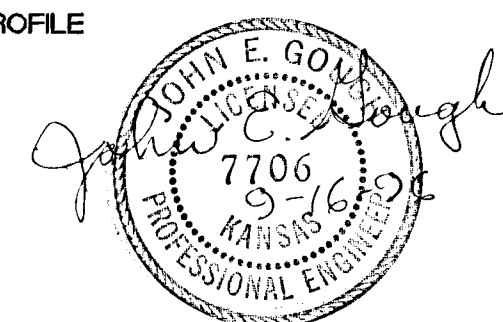
A NEW BENCH/TROUGH IS TO BE POURED AND THE ENTIRE MANHOLE STRUCTURE WATERPROOFED WITH 'STRONG SEAL' OR AN APPROVED EQUAL.

FRAMES AND COVERS NOT MEETING CURRENT STANDARD CITY SPECS SHALL BE REPLACED WITH NEW FRAMES AND COVERS.

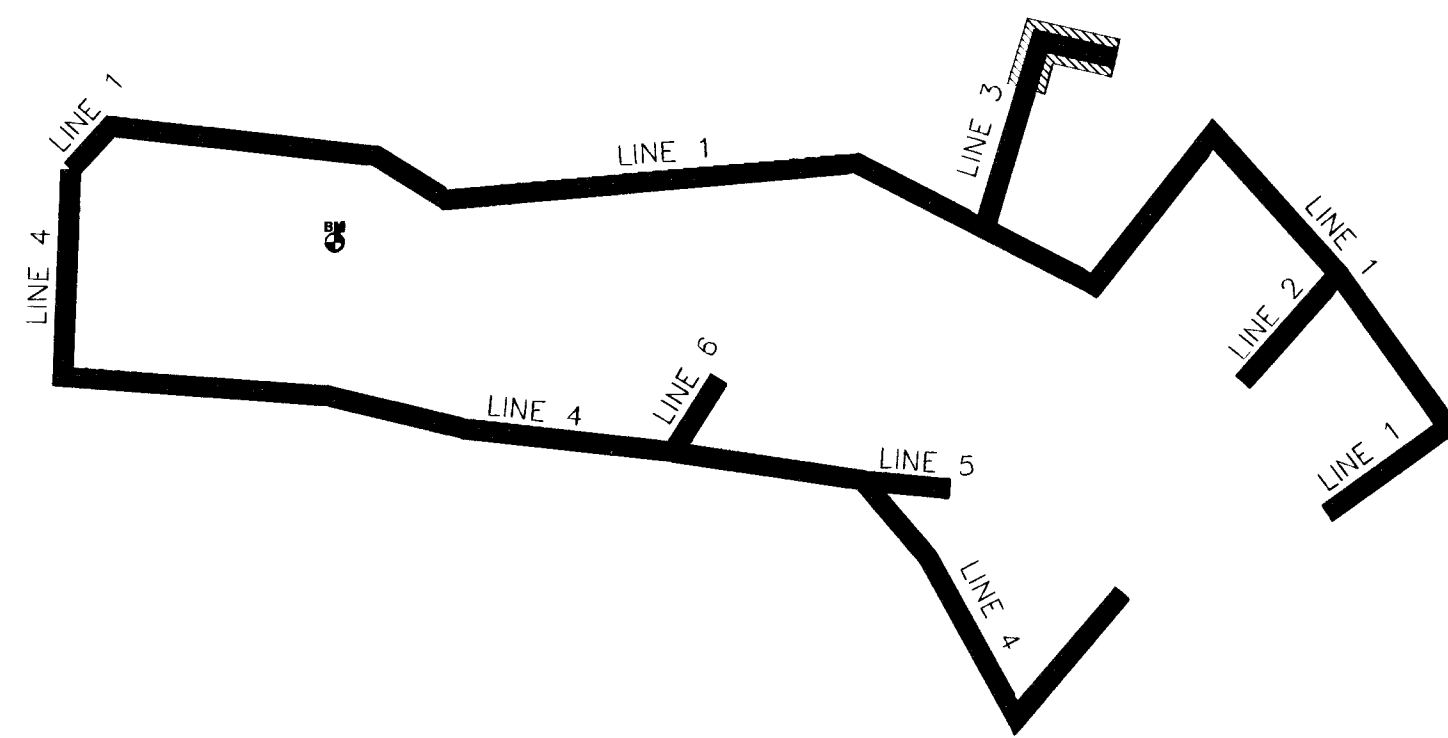
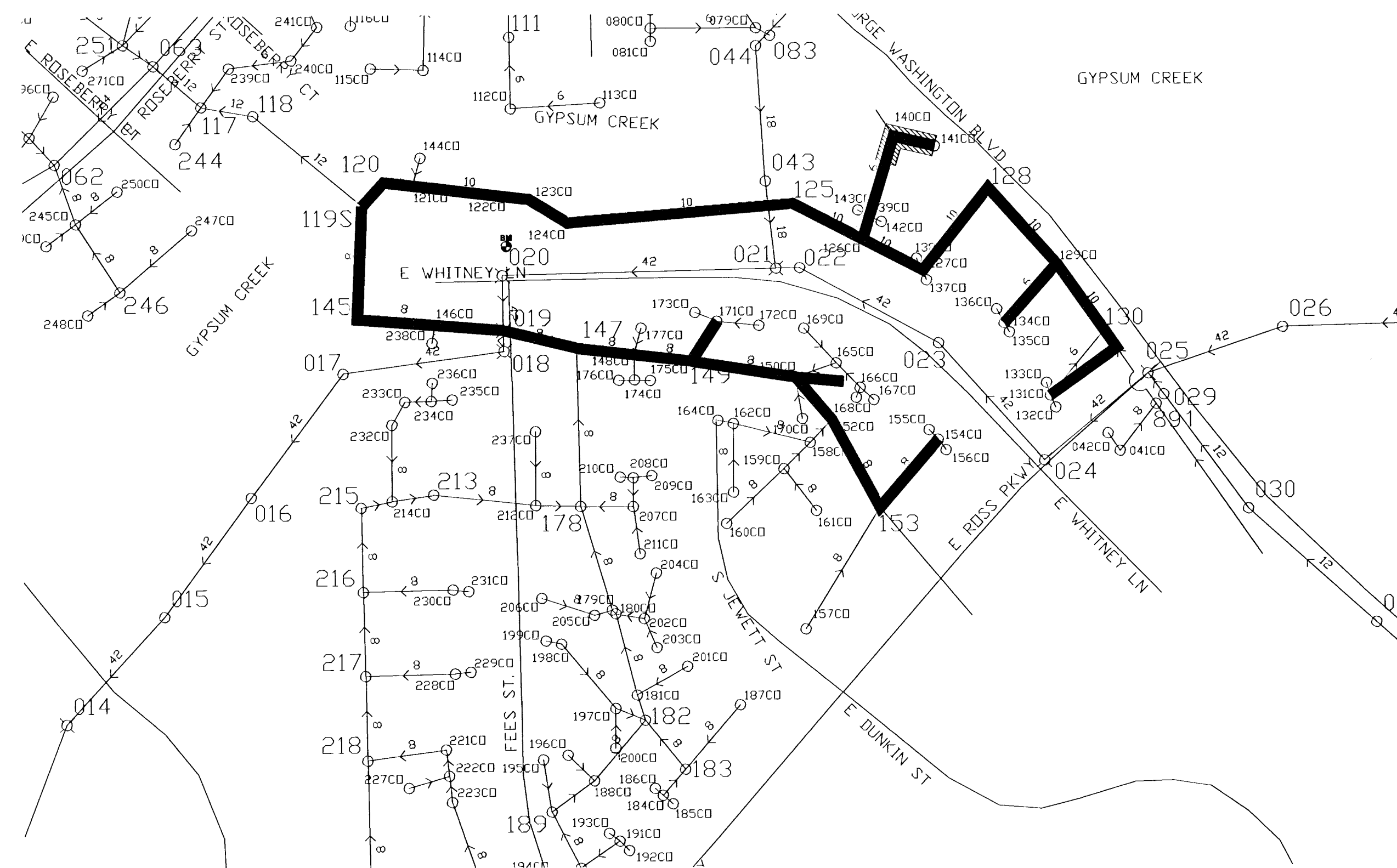
THE TOP OF ALL MANHOLE COVERS SHALL BE SET A MINIMUM OF 0.4' ABOVE GRADE PER SPEC.
- IN LIEU OF THE REHABILITATION OF EXISTING MANHOLES, THE CONTRACTOR MAY, AT NO EXTRA COST, INSTALL NEW STANDARD MANHOLES.
- LINE 1 IS TO BE LINED WITH C.I.P. PIPE FROM STA. 0+00 TO STA. 15+29.9. THE REMAINING PORTION OF LINE 1 IS TO BE INSTALLED VIA OPEN-CUT AS ARE LINES 2, 3, 5, AND 6. LINE 4 IS TO BE LINED WITH C.I.P. PIPE FROM STA. 0+00 TO STA. 13+11.5. THE REMAINING PORTION OF LINE 4 IS TO BE INSTALLED VIA OPEN-CUT.
- ALL SERVICE LATERALS SHOWN ON PLANS WERE LOCATED VIA CITY OF WICHITA TELEVISION TAPE(S). LOCATIONS AS SHOWN ON PLANS ARE APPROXIMATE.
- FOR ALL NEW SERVICE LATERAL CONSTRUCTION, CONTRACTOR TO COORDINATE THE INSTALLATION WITH EACH PROPERTY OWNER AND VERIFY THE LOCATION OF EACH INDIVIDUAL SERVICE WITH THE APPROPRIATE PROPERTY OWNER.

INDEX OF SHEETS

SHEET NO. 1	TITLE SHEET
SHEET NO. 2	SITE MAP
SHEET NO. 3,4,5,6,7,8	PLAN/PROFILE



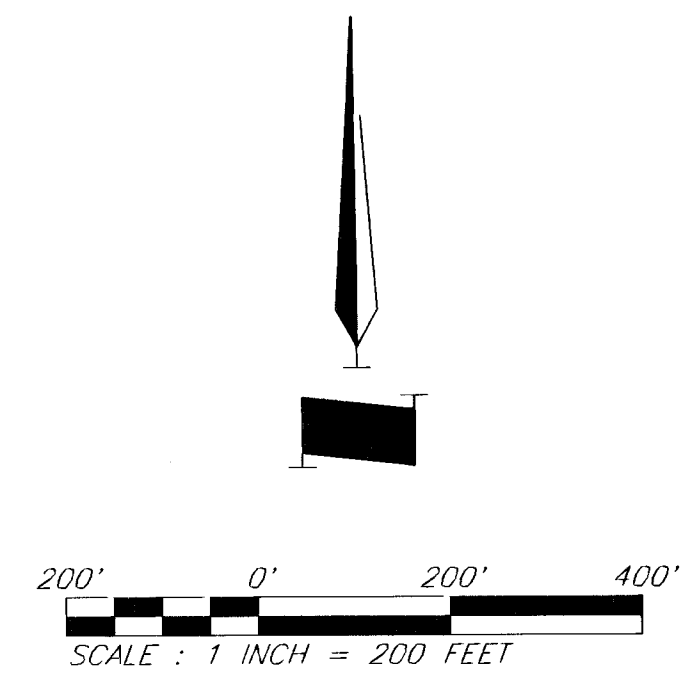
INDEX CODE 622209
CITY OF WICHITA PROJECT NO. 468-82519
SEPTEMBER 1996
PLANS PREPARED BY
GEORGE BUTLER ASSOCIATES, INC.
WICHITA, KANSAS



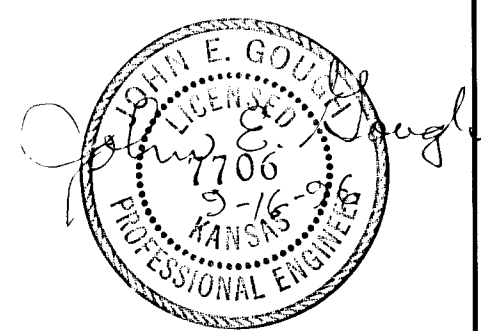
SITE BENCH MARK
CHISELED PLUS IN SIDEWALK AT SOUTHWEST
CORNER OF LOT 41, BLOCK 0. EL. = 115.20

LEGEND

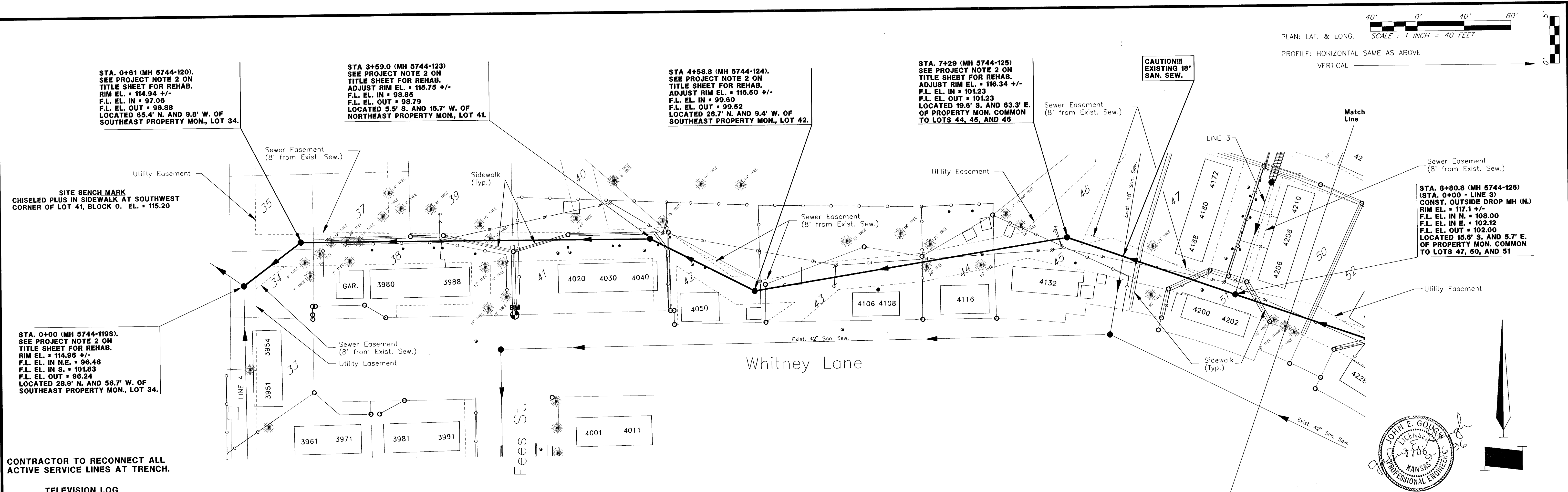
- | LEGEND
(Existing) | LEGEND
(Proposed) |
|--|----------------------------------|
| ⊕ Fire Hydrant | ● New Manhole |
| ⊠ Gas Valve | — New Sanitary Sewer |
| ⊡ Gas Meter | — Plug Existing Line |
| ⊗ Water Valve | ▨ Sanitary Sewer to be Abandoned |
| ⊙ Water Meter | |
| ▽ Sign | |
| ← Guy Wire | |
| ⊕ Power Pole | |
| □ Inlet | |
| ☆ Street Light | |
| ○ Property Mon. | |
| ⊙ Bench Mark | |
| • Post | |
| • Cleanout | |
| • Manhole | |
| • Coniferous Tree | |
| • Deciduous Tree | |
| • Tree to be Saved | |
| • Tree to be Removed | |
| — Sanitary Sewer | |
| — Storm Sewer | |
| — W — W — Water Line | |
| — OH — OH — Overhead Power Line | |
| — UG — UG — Underground Gas Line | |
| — UE — UE — Underground Electric Line | |
| — UT — UT — Underground Telephone Line | |
| — FO — FO — Underground Fiber Optics | |
| — o — o — Fence Line | |



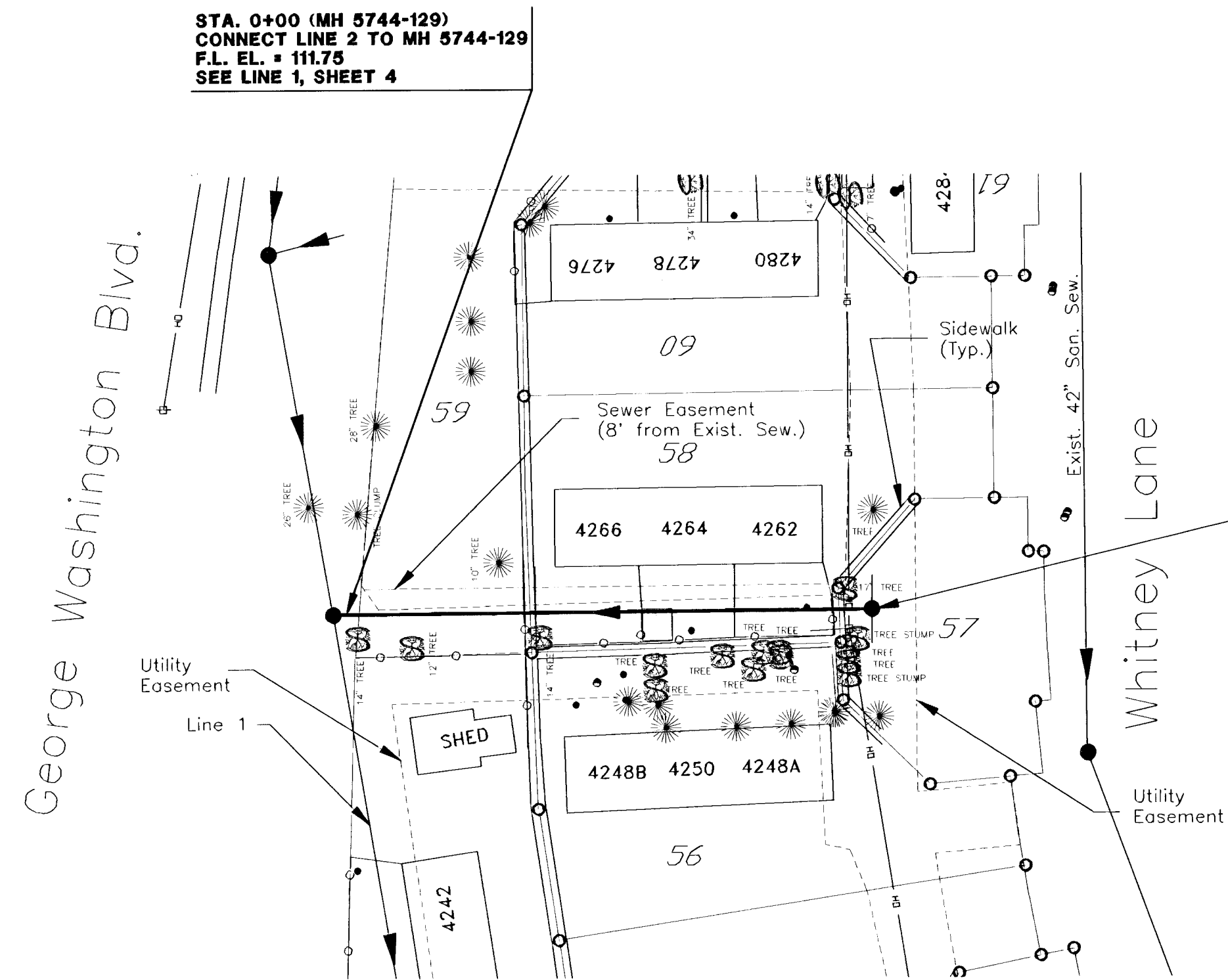
LOCATION MAP



GBA GEORGE BUTLER ASSOCIATES, INC. Engineers / Architects / Landscape Architects / Planners	CITY OF WICHITA, KANSAS MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER PLANEVIEW SEWER REHABILITATION WHITNEY LANE	
	Suite 200, 1550 N. Broadway Wichita, Kansas 67244-1000 Telephone: (316) 269-2916 Fax: (316) 269-2916	C.O.W. PROJECT NO.: 488-82519
Designed By: J. Gough, M. Adamson	Job No.: 7618	Date: 16 SEPTEMBER 1995
Drawn By: M. Adamson		





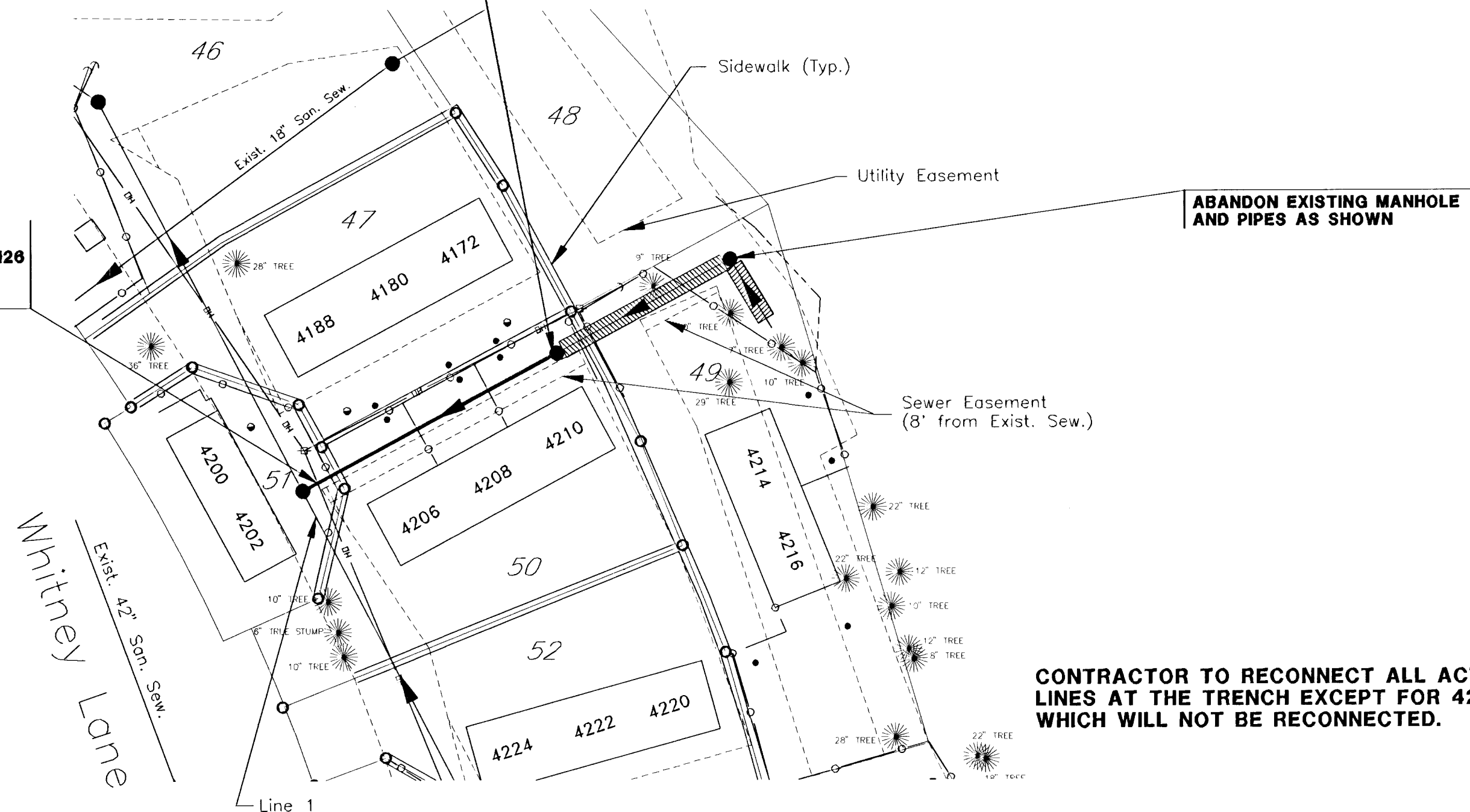


STA. 1+70.8 (MH 5744-134)
SEE PROJECT NOTE 2 ON
TITLE SHEET FOR REHAB.
ABANDON NORTH AND SOUTH
INCOMING PIPES.
ADJUST RIM EL. = 119.5 +/-
F.L. EL. OUT = 105.20
LOCATED 14.4' S. AND 0.1' E.
OF PROPERTY MON. COMMON
TO LOTS 56, 57, AND 58

SITE BENCH MARK
CHISELED PLUS IN SIDEWALK AT SOUTHWEST
CORNER OF LOT 41, BLOCK O. EL. = 115.20
(SEE SHEET 3)

STA. 1+00 (MH 5744-140)
CONST. SHALLOW MANHOLE
ABANDON LINE IN FROM N.
RIM EL. = 116.2 +/-
F.L. EL. OUT = 108.00
LOCATED 13.9' N. AND 8.2' E.
OF PROPERTY MON. COMMON
TO LOTS 47, 48, 49, AND 50

STA. 0+00 (MH 5744-128)
CONNECT LINE 3 TO MH 5744-128
F.L. EL. = 108.00
SEE LINE 1, SHEET 3



PLAN: LAT. & LONG. SCALE: 1 INCH = 40 FEET
PROFILE: HORIZONTAL SAME AS ABOVE
VERTICAL

CONTRACTOR TO RECONNECT ALL ACTIVE SERVICE
LINES AT THE TRENCH EXCEPT FOR 4214 AND 4216
WHICH WILL NOT BE RECONNECTED.

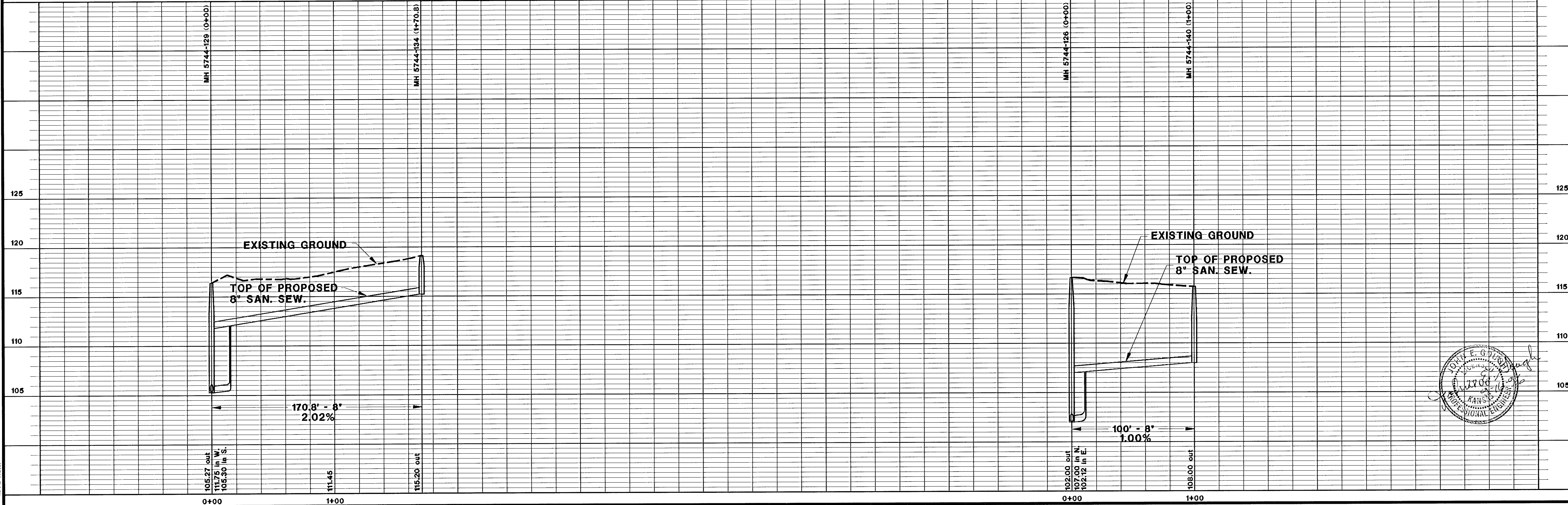
THERE IS NO TELEVISION TAPE AVAILABLE FOR LINE 3.
THE HORIZONTAL AND VERTICAL LOCATIONS OF
SERVICE LATERALS FOR LINE 3 ARE UNKNOWN. THE
CONTRACTOR WILL HAVE TO LOCATE THESE SERVICES
NEAR THE TRENCH PRIOR TO CONSTRUCTION TO
VERIFY THE ELEVATION OF LINE 3 IS LOW ENOUGH.

CONTRACTOR TO RECONNECT ALL ACTIVE SERVICE
LINES AT THE TRENCH.

THERE IS NO TELEVISION TAPE AVAILABLE FOR LINE 2.
THE HORIZONTAL AND VERTICAL LOCATIONS OF SERVICE
LATERALS FOR LINE 2 ARE UNKNOWN. THE CONTRACTOR
WILL HAVE TO LOCATE THESE SERVICES NEAR THE TRENCH
PRIOR TO CONSTRUCTION TO VERIFY THE ELEVATION OF
LINE 2 IS LOW ENOUGH.

LINE 2

LINE 3



CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
PLANEVIEW REHAB. - WHITNEY LANE
LINE 2 AND LINE 3
C.O.W. PROJECT NO. 468-92519

125
120
115
110
105

105.27 out
111.75 in W.
105.30 in S.

11.45

115.20 out

0+00 1+00

102.00 out
107.00 in N.
102.12 in E.

108.00 out

0+00 1+00

170.8' - 8" 2.02%

100' - 8" 1.00%

EXISTING GROUND

TOP OF PROPOSED 8" SAN. SEW.

105.27 out
111.75 in W.
105.30 in S.

11.45

115.20 out

0+00 1+00

GBA
GEORGE BUTLER ASSOCIATES, INC.
Engineers / Architects / Landscape Architects / Planners

Designed By: J. Gough, M. Adamson
Drawn By: M. Adamson

Job No. 7618
Date: 18 SEPTEMBER 1996

SHEET 5 OF 8

SITE BENCH MARK
CHISELED PLUS IN SIDEWALK AT SOUTHWEST
CORNER OF LOT 41, BLOCK 0. EL. = 115.20

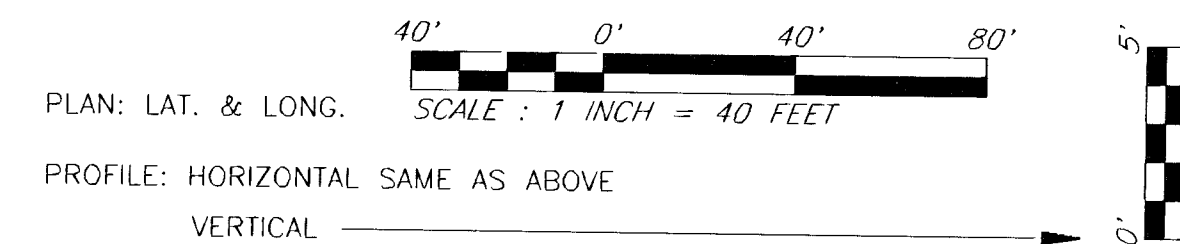
STA. 0+00 (MH 5744-119S)
CONNECT LINE 4 TO 5744-119S
F.L. EL. = 101.93
SEE LINE 1, SHEET 3

STA. 1+85.9 (MH 5744-145)
SEE PROJECT NOTE 2 ON
TITLE SHEET FOR REHAB.
ADJUST RIM EL. = 114.5 +/-
F.L. EL. IN = 102.61
F.L. EL. OUT = 102.61
LOCATED 74.4' S. AND 56.8' W.
OF NORTH PROPERTY MON., LOT 32.

STA. 3+88 (MH 5744-NMHD)
CONST. STANDARD MANHOLE
PLUG EAST LINE IN
RIM EL. = 113.3 +/-
F.L. EL. OUT = 103.31
LOCATED 15' W. OF 5744-019

STA. 3+83 (MH 5744-019)
SEE PROJECT NOTE 2 ON
TITLE SHEET FOR REHAB.
PLUG WEST LINE OUT
RIM EL. = 111.45
F.L. EL. IN N. = 100.42
F.L. EL. OUT S. = 100.44
F.L. EL. IN E. = 103.27
LOCATED 104.6' S. OF MH 5744-020
AND 39.6' N. OF MH 5744-018.

STA. 5+91 (MH 5744-147)
SEE PROJECT NOTE 2 ON
TITLE SHEET FOR REHAB.
RIM EL. = 113.3 +/-
F.L. EL. IN E. = 105.23
F.L. EL. IN S. = 103.81
F.L. EL. OUT = 103.80
LOCATED 56.8' S. AND 96.4' W.
OF NORTHEAST PROPERTY
MON., LOT 29.



STA. 8+34.9 (MH 5744-149)
(STA. 0+00 - LINE 8)
SEE PROJECT NOTE 2 ON
TITLE SHEET FOR REHAB.
ADJUST RIM EL. = 116.9 +/-
F.L. EL. IN = 110.09
F.L. EL. OUT = 110.08
LOCATED 14.4' S. AND 91.5' E.
OF PROPERTY MON. COMMON
TO LOTS 31, 32, AND 62

TELEVISION LOGS

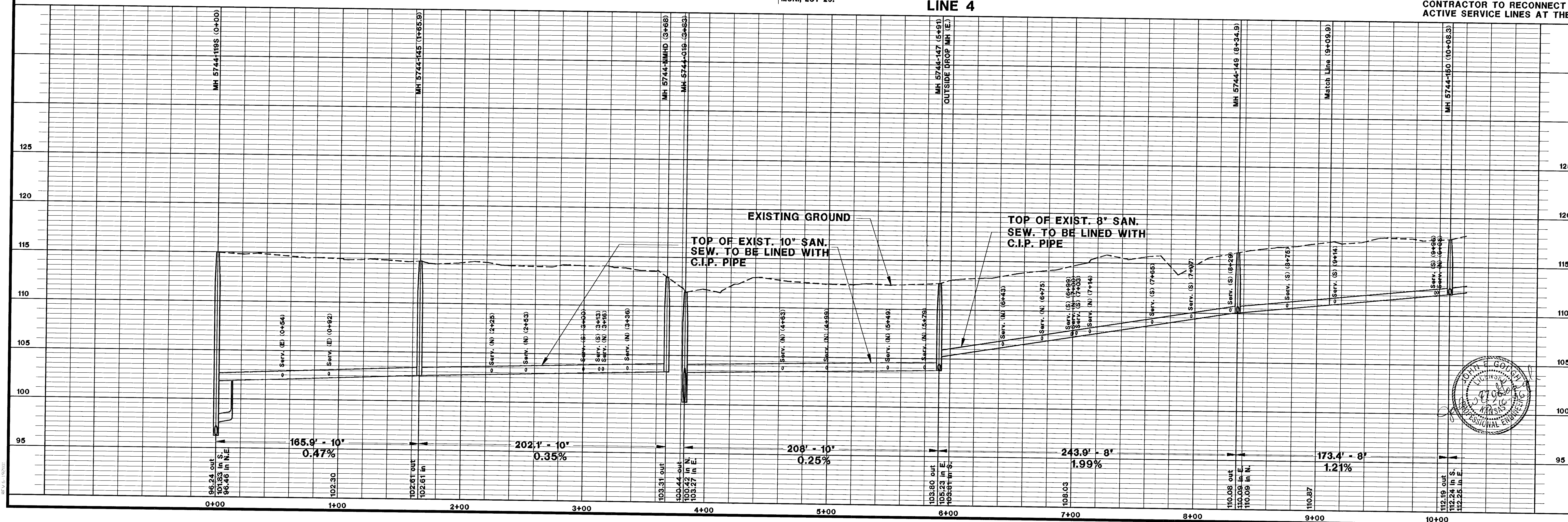
BETA TAPE 289 DATED 9-29-92 AND 9-30-92
FROM MH 5744-153 TO 5744-147.

BETA TAPE 211 DATED 9-30-92 AND 10-1-92
FROM MH 5744-147 TO 5744-119S.

TAPES AVAILABLE FOR REVIEW.

CONTRACTOR TO RECONNECT ALL
ACTIVE SERVICE LINES AT THE TRENCH.

LINE 4



CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
PLANEVIEW REHAB. - WHITNEY LANE
LINE 4

200 N. Broadway
Wichita, Kansas 67202
Telephone (316) 268-2804
Fax (316) 268-2816

Designed By: J. Gough, M. Adamson
Drawn By: M. Adamson
Job No. 7618
Date: 16 SEPTEMBER 1995

SHEET 6 OF 8

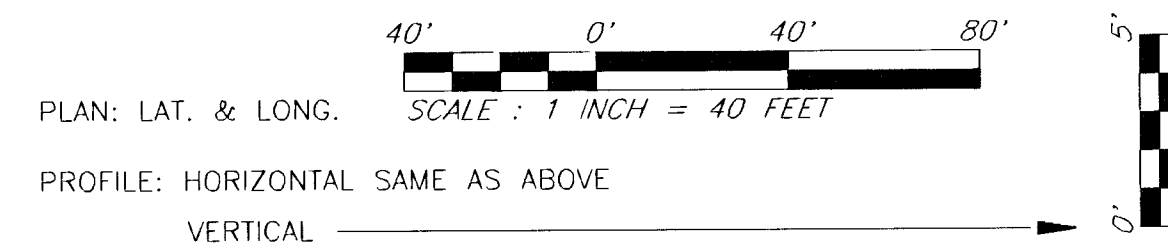
STA. 10+08.3 (MH 5744-150)
(STA. 0+00 - LINE 5)
SEE PROJECT NOTE 2 ON
TITLE SHEET FOR REHAB.
ADJUST RIM EL. = 118.2 +/-
F.L. EL. IN S. = 112.24
F.L. EL. IN E. = 112.25
F.L. EL. OUT = 112.19
LOCATED 91.1' N. AND 182.1' W.
OF PROPERTY MON. COMMON
TO LOTS 56, 71, AND 72

SITE BENCH MARK
CHISELED PLUS IN SIDEWALK AT SOUTHWEST
CORNER OF LOT 41, BLOCK O. EL. = 115.20
(SEE SHEET 6)

STA. 11+51.8 (MH 5744-NMHD)
CONST. SHALLOW MANHOLE
RIM EL. = 120.7 +/-
F.L. EL. IN W. = 114.38
F.L. EL. IN S. = 114.38
F.L. EL. OUT = 114.38
LOCATED 2.5' N. AND 4.2' E.
OF MH 5744-158

STA. 14+86.5 (MH 5744-154)
CONST. SHALLOW MANHOLE
RIM EL. = 124.7 +/-
F.L. EL. OUT = 118.00
LOCATED 40.1'S. AND 79.6' E.
OF PROPERTY MON. COMMON
TO LOTS 56, 71, AND 72

STA. 13+11.5 (MH 5744-153)
SEE PROJECT NOTE 2 ON
TITLE SHEET FOR REHAB.
ADJUST RIM EL. = 125.3 +/-
F.L. EL. IN W. = 120.35
F.L. EL. IN S. = 116.76
F.L. EL. IN E. = 116.98
F.L. EL. OUT = 116.77
LOCATED 173.4' S. AND 33.8' W.
OF PROPERTY MON. COMMON
TO LOTS 56, 71, AND 72

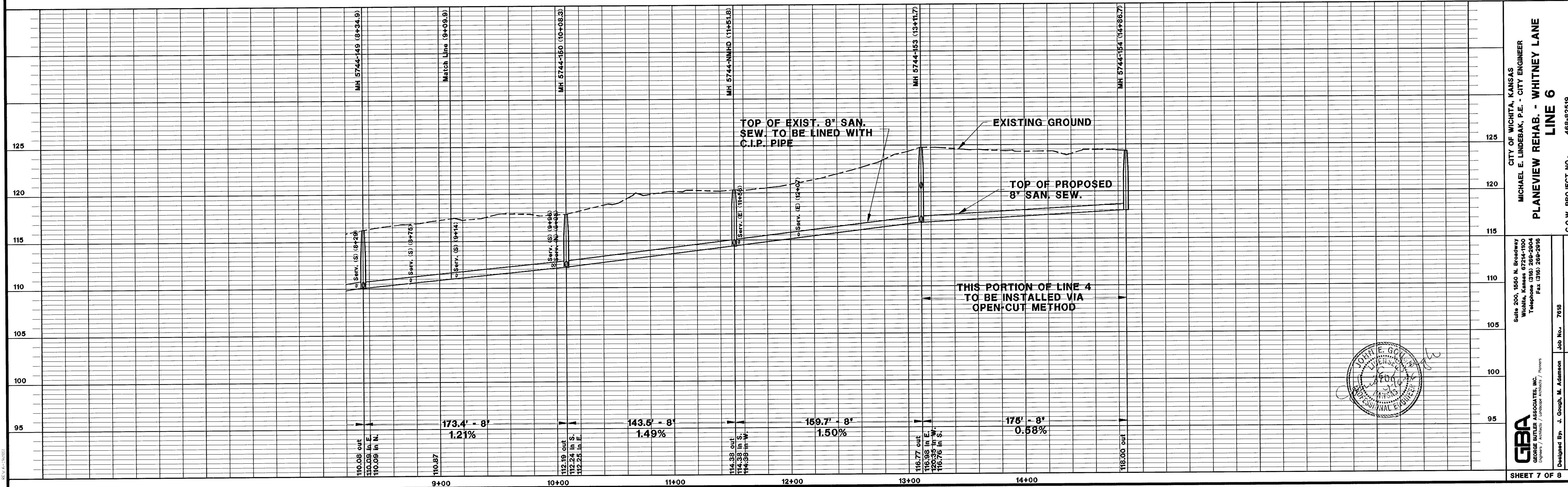


CONTRACTOR TO RECONNECT ALL ACTIVE SERVICE
LINES AT THE TRENCH EXCEPT FOR 4201, 4215, 4285,
AND 4287 WHICH ARE TO HAVE NEW SERVICE LATERALS
CONSTRUCTED FROM THEIR FOUNDATIONS TO LINE 4
SIMILAR TO AS SHOWN. FOR ALL NEW SERVICE LATERAL
CONSTRUCTION, CONTRACTOR TO COORDINATE THE
INSTALLATION WITH EACH PROPERTY OWNER AND
VERIFY THE LOCATION OF EACH INDIVIDUAL SERVICE
WITH THE APPROPRIATE PROPERTY OWNER.

TELEVISION LOGS
BETA TAPE 289 DATED 9-29-92 AND 9-30-92 FROM
MH 5744-153 TO 5744-147.
BETA TAPE 211 DATED 9-30-92 AND 10-1-92 FROM
MH 5744-147 TO 5744-119S.
TAPES AVAILABLE FOR REVIEW.

THERE IS NO TELEVISION TAPE AVAILABLE FROM MH
5744-154 TO 5744-153. THE HORIZONTAL AND VERTICAL
LOCATIONS OF SERVICE LATERALS FOR THIS PORTION
OF LINE 4 ARE UNKNOWN. THE CONTRACTOR WILL HAVE
TO LOCATE THESE SERVICES NEAR THE TRENCH PRIOR
TO CONSTRUCTION TO VERIFY THE ELEVATION OF LINE 4
IS LOW ENOUGH.

LINE 4



CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
PLANEVIEW REHAB. - WHITNEY LANE
LINE 6

Suite 200, 1550 N. Broadway
Wichita, Kansas 67214-1100
Telephone (316) 269-2804
Fax (316) 269-2816

DESIGNED BY: J. Gough, M. Adamson
DRAWN BY: M. Adamson
DATE: 16 SEPTEMBER 1998

