

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
KC&E - GAS	263-7511
KC&E - ELECTRIC	264-1141
ARKLA GAS COMPANY	942-8350 OR 263-8161
SOUTHWESTERN BELL TELEPHONE CO.	1-571-2811
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.

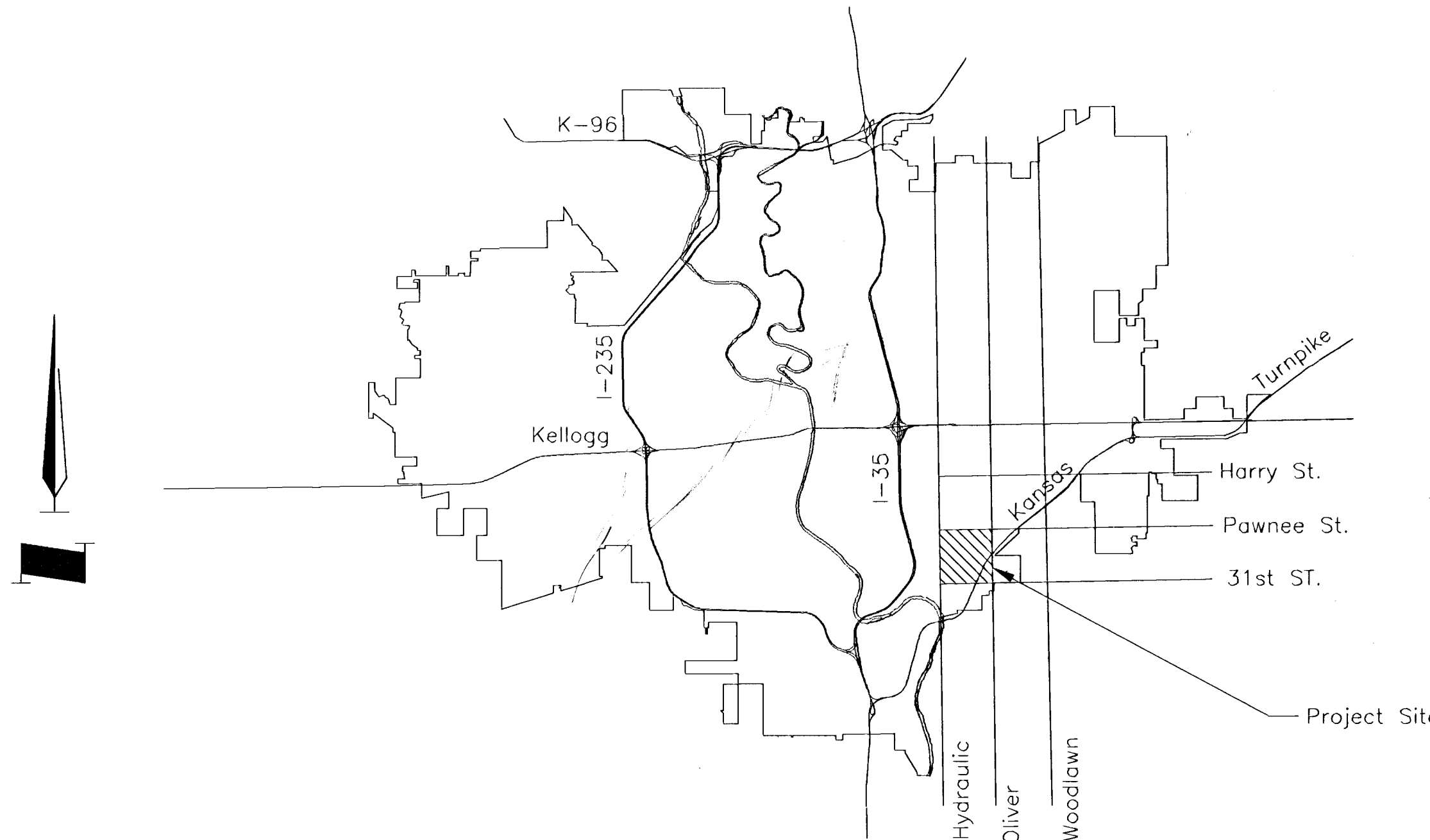
PROJECT NOTES

- 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.



LOCATION MAP

Booked
P-17
7/7/98
RDL

INDEX CODE 622209

CITY OF WICHITA PROJECT NO. 468-82519

SEPTEMBER 1996

PLANS PREPARED BY

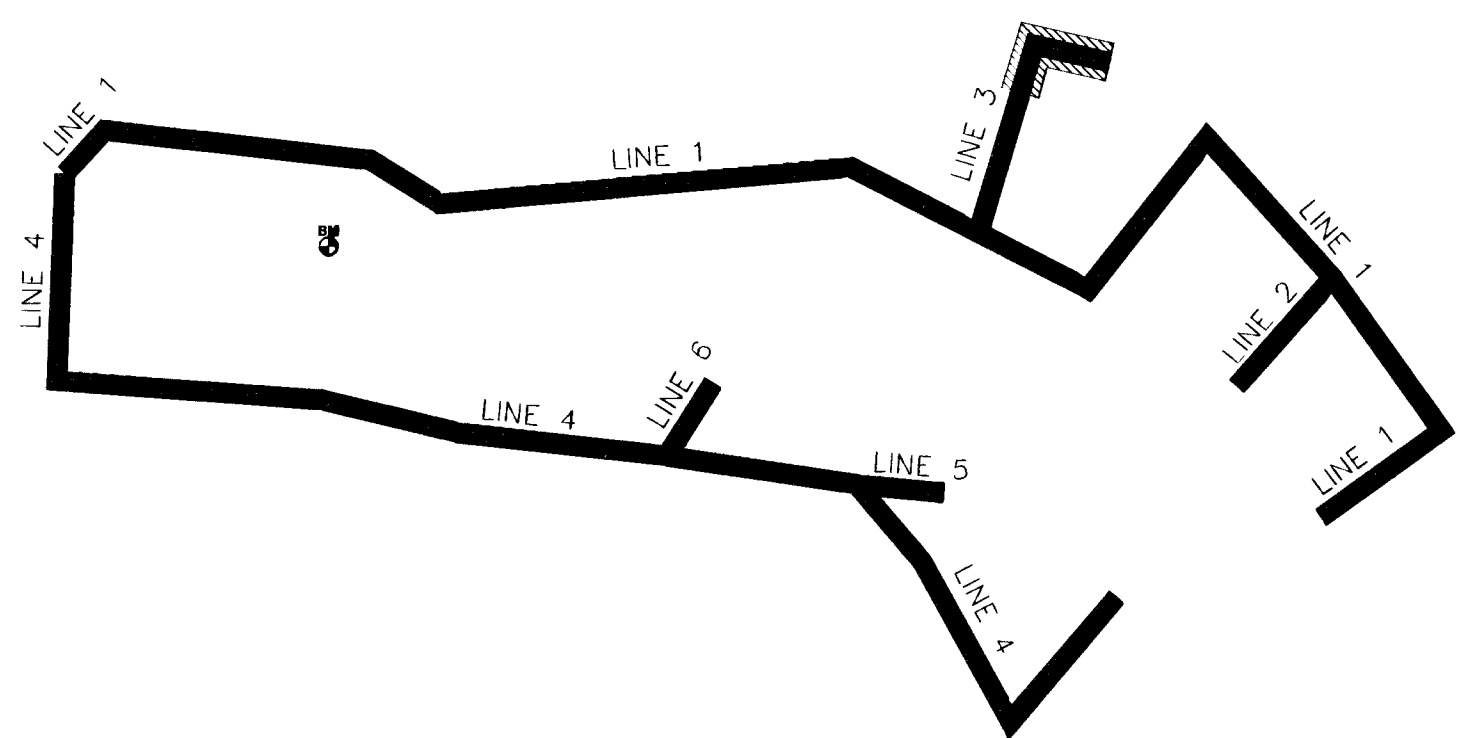
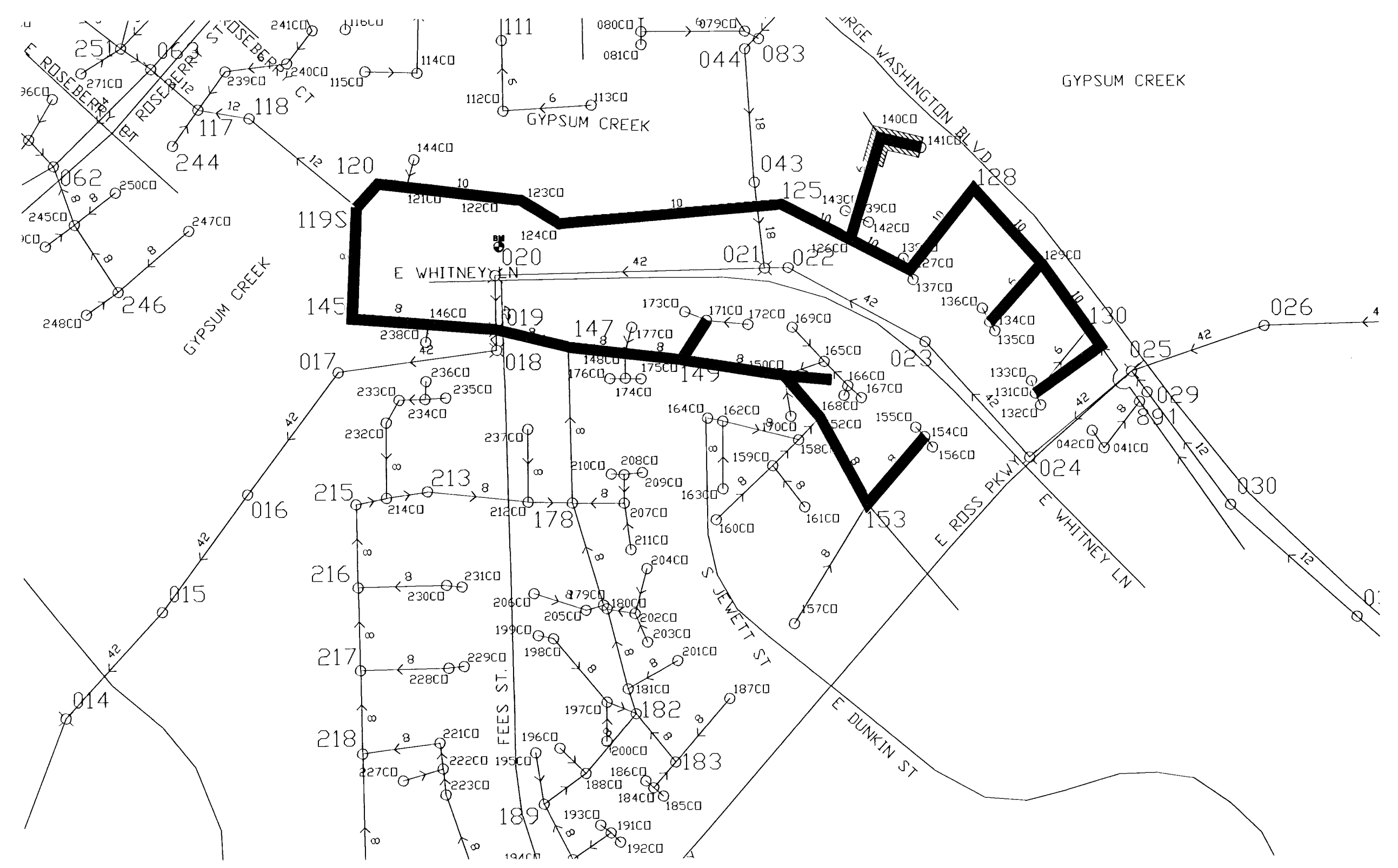
GEORGE BUTLER ASSOCIATES, INC.

WICHITA, KANSAS

INDEX OF SHEETS

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

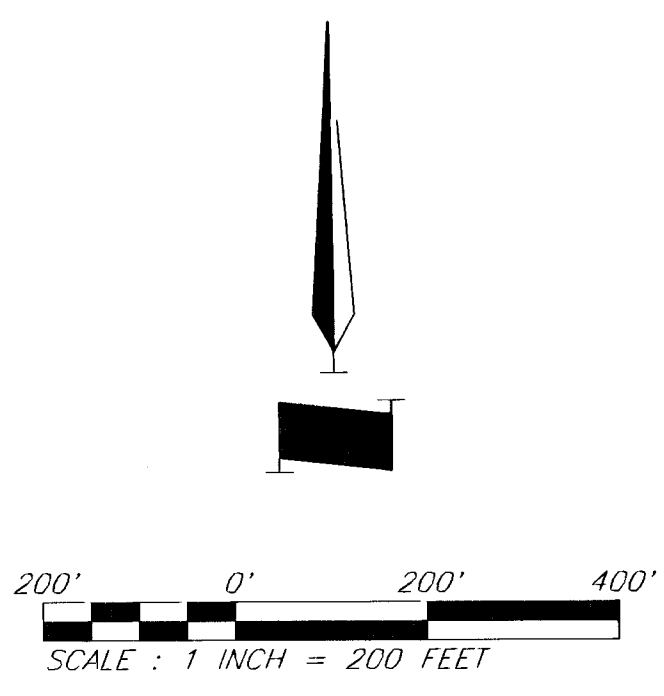




SITE BENCH MARK
CHISELED PLUS IN SIDEWALK AT SOUTHWEST
CORNER OF LOT 41, BLOCK 0. EL. = 118.20

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 | |
| — Water Line | |
| — Overhead Power Line | |
| — Underground Gas Line | |
| — Underground Electric Line | |
| — Underground Telephone Line | |
| — Underground Fiber Optics | |
| — Fence Line | |

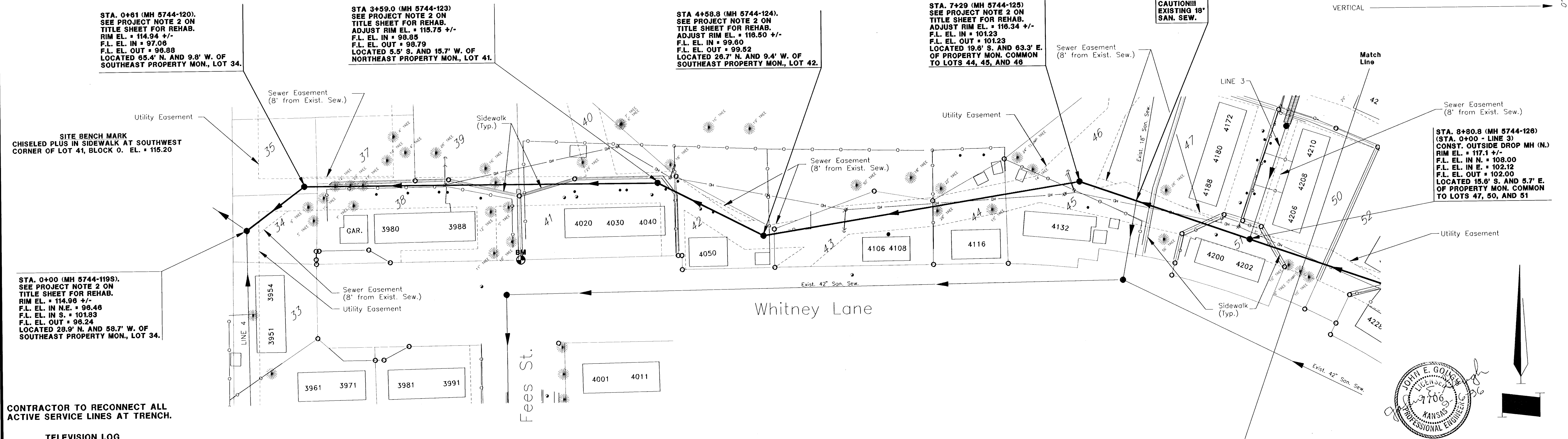
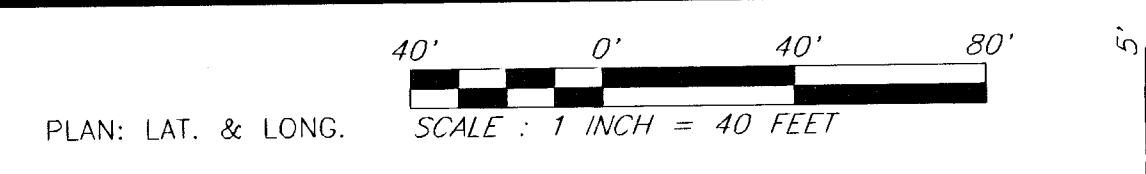


LOCATION MAP



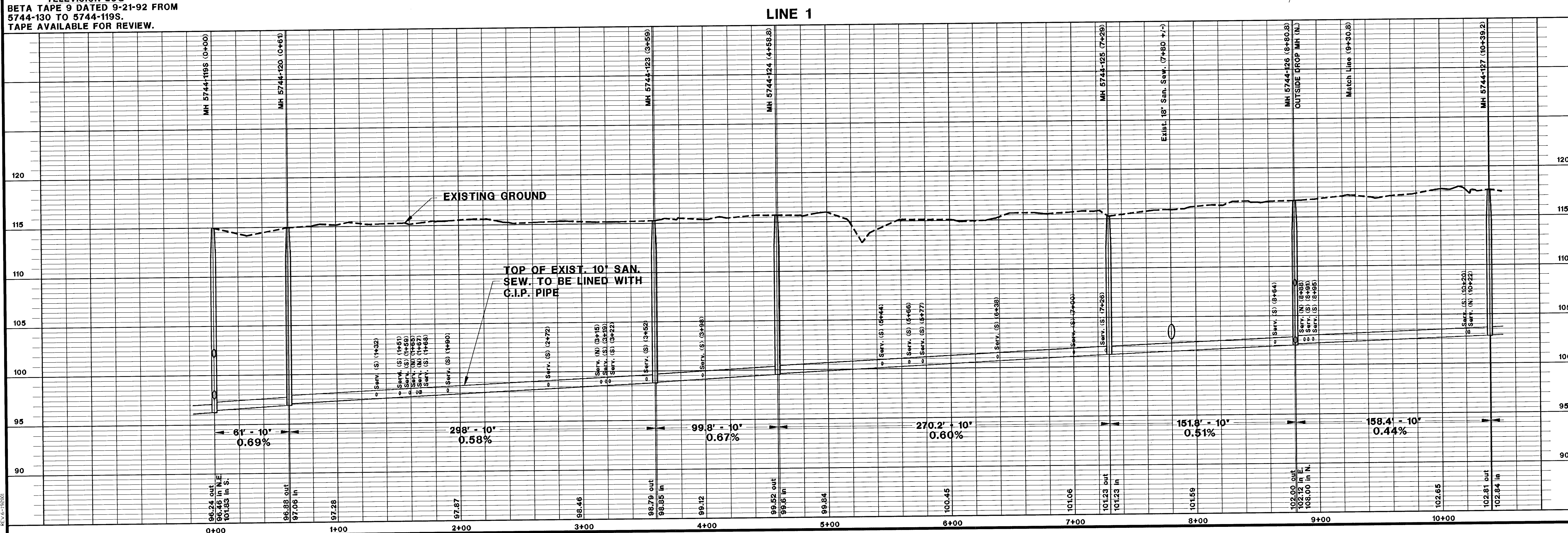
GBA GEORGE BUTLER ASSOCIATES, INC. Engineers / Architects / Landscape Architects / Planners	Suite 200, 1650 N. Broadway Wichita, Kansas 67244-7100 Telephone: (316) 268-2346 Fax: (316) 268-2346	Job No. 7618 Date: 16 SEPTEMBER 1996
	City of Wichita, Kansas MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER PLANEVIEW SEWER REHABILITATION WHITNEY LANE C.O.W. PROJECT NO. 468-82519	Designed By: J. Gough, M. Adanson Drawn By: M. Adanson

File name: J:\STUDY\36X22CS\DWG Last edited: 94/04/26 @ 11:09



CONTRACTOR TO RECONNECT ALL ACTIVE SERVICE LINES AT TRENCH.

TELEVISION LOG
BETA TAPE 9 DATED 9-21-92 FROM 5744-130 TO 5744-119S.
TAPE AVAILABLE FOR REVIEW.



CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
PLANEVIEW REHAB. - WHITNEY LANE
LINE 1

Designed By: J. Gough, M. Adamson
Drawn By: M. Adamson
Job No.: 7618
Date: 15 SEPTEMBER 1995
C.O.W. PROJECT NO.: 465-82519

SEALS:
MICHAEL E. LINDEBAK, P.E.
J. GOUGH, P.E.
M. ADAMSON, P.E.

Stamp: JOHN E. GOLKOWSKI, PROFESSIONAL ENGINEER, KANSAS, No. 7706

SITE BENCH MARK
CHISELED PLUS IN SIDEWALK AT SOUTHWEST
CORNER OF LOT 41, BLOCK 0. EL. = 115.20
(SEE SHEET 3)

STA. 10+39.2 (MH 5744-127)
SEE PROJECT NOTE 2 ON
TITLE SHEET FOR REHAB.
ADJUST RIM EL. = 117.86 +/-
F.L. EL. IN = 102.84
F.L. EL. OUT = 102.81
LOCATED 2.6' S. AND 12.8' E.
OF PROPERTY MON. COMMON
TO LOTS 52, 53, AND 54

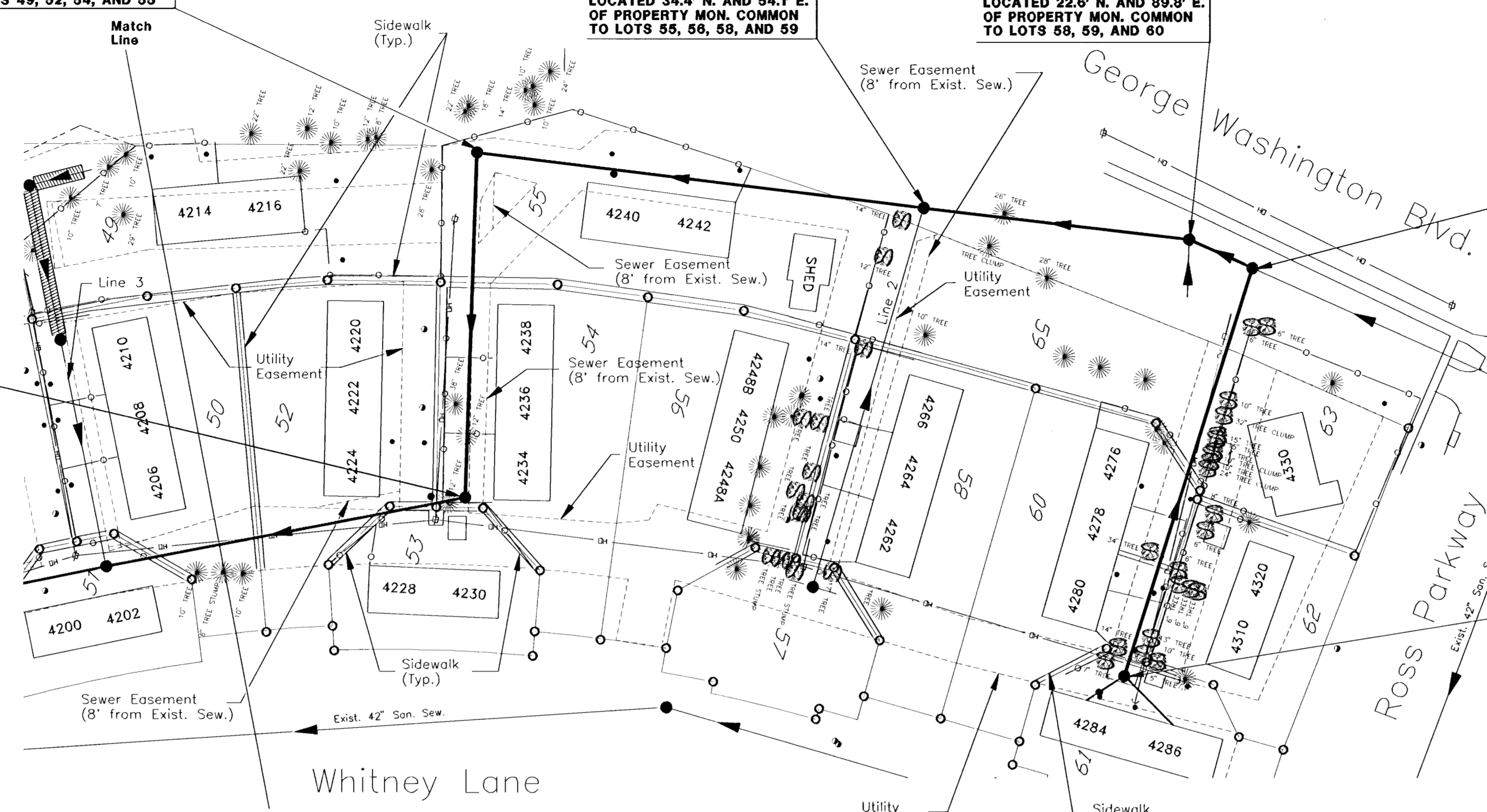
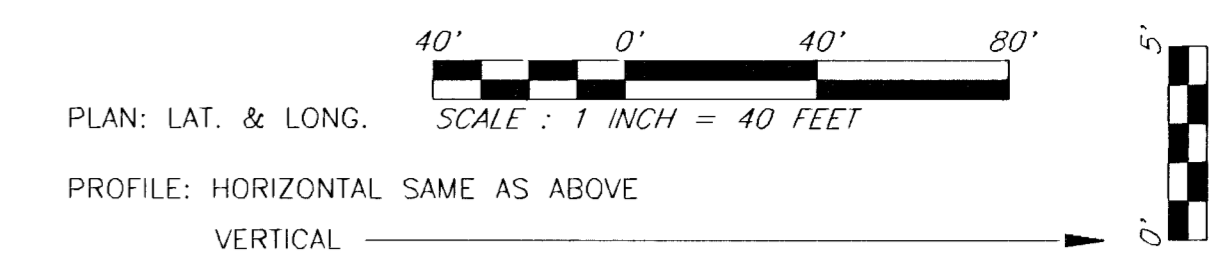
STA. 11+88.7 (MH 5744-128)
SEE PROJECT NOTE 2 ON
TITLE SHEET FOR REHAB.
ADJUST RIM EL. = 115.9 +/-
F.L. EL. IN = 103.89
F.L. EL. OUT = 103.48
LOCATED 40.7' N. AND 41.6' E.
OF PROPERTY MON. COMMON
TO LOTS 49, 52, 54, AND 55

STA. 13+83.9 (MH 5744-129)
(STA. 0+00 - LINE 2)
SEE PROJECT NOTE 2 ON
TITLE SHEET FOR REHAB.
CONST. OUTSIDE DROP (W.)
RIM EL. = 116.4 +/-
F.L. EL. IN W. = 111.75
F.L. EL. IN S. = 105.30
F.L. EL. OUT = 105.27
LOCATED 34.4' N. AND 54.1' E.
OF PROPERTY MON. COMMON
TO LOTS 55, 56, 58, AND 59

STA. 14+99.8 (MH 5744-130)
SEE PROJECT NOTE 2 ON
TITLE SHEET FOR REHAB.
VERIFY LINE IN FROM WEST
IS PUBLIC. IF SO, ABANDON.
ADJUST RIM EL. = 117.5 +/-
F.L. EL. IN = 106.51
F.L. EL. OUT = 106.54
LOCATED 22.9' N. AND 39.8' E.
OF PROPERTY MON. COMMON
TO LOTS 58, 59, AND 60

STA. 15+29.9 (5744-NMHA)
CONST. OUTSIDE DROP MH (W.)
RIM EL. = 117.2 +/-
F.L. EL. IN W. = 112.25
F.L. EL. IN S. = 106.65
F.L. EL. OUT = 106.65
LOCATED 1.7' S. AND 107.3' E.
OF PROPERTY MON. COMMON
TO LOTS 58, 59, AND 60

STA. 17+14.9 (5744-131)
CONST. SHALLOW MANHOLE
RIM EL. = 121.4 +/-
F.L. EL. OUT = 115.00
LOCATED 0.5' S. AND 11.3' W.
OF PROPERTY MON. COMMON
TO LOTS 60, 61, AND 62

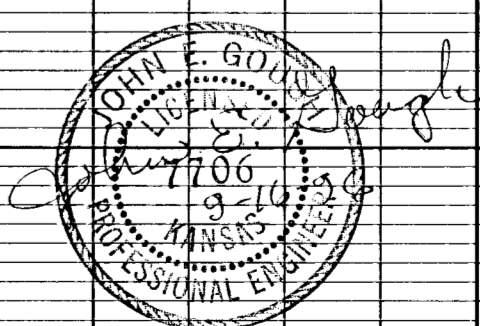
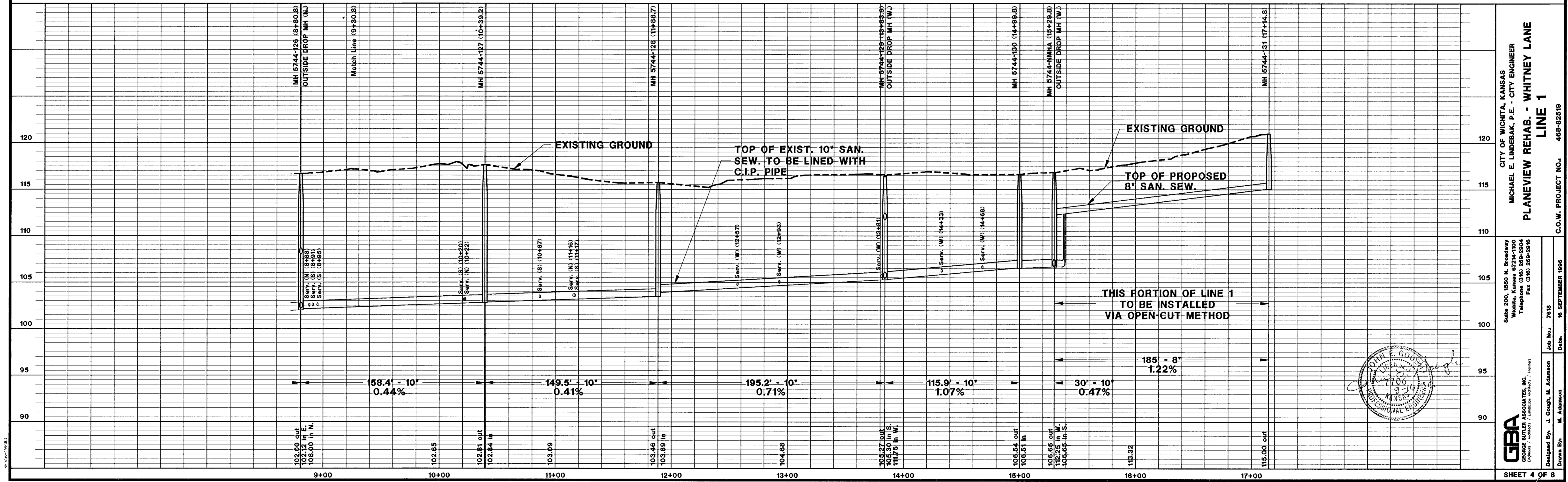


CONTRACTOR TO RECONNECT ALL ACTIVE
SERVICE LINES AT THE TRENCH EXCEPT FOR
4284 AND 4286 WHICH ARE TO HAVE NEW
SERVICE LATERALS CONSTRUCTED FROM THEIR
FOUNDATIONS TO LINE 1 SIMILAR TO AS SHOWN.
FOR ALL NEW SERVICE LATERAL CONSTRUCTION,
CONTRACTOR TO COORDINATE THE INSTALLATION
WITH EACH PROPERTY OWNER AND VERIFY THE
LOCATION OF EACH INDIVIDUAL SERVICE WITH
THE APPROPRIATE PROPERTY OWNER.

TELEVISION LOG
BETA TAPE 9 DATED 9-21-92 FROM MH 5744-130
TO 5744-119S. TAPE AVAILABLE FOR REVIEW.

THERE IS NO TELEVISION TAPE AVAILABLE FROM
MH 5744-131 TO 5744-NMHA. THE HORIZONTAL
AND VERTICAL LOCATIONS OF SERVICE LATERALS
FOR THIS PORTION OF LINE 1 ARE UNKNOWN.
THE CONTRACTOR WILL HAVE TO LOCATE THESE
SERVICES NEAR THE TRENCH PRIOR TO
CONSTRUCTION TO VERIFY THE ELEVATION OF
THIS PORTION OF LINE 1 IS LOW ENOUGH.

LINE 1



CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
PLANEVIEW REHAB. - WHITNEY LANE
LINE 1
C.O.W. PROJECT NO. 468-82519
DATE: 16 SEPTEMBER 1996

Suite 200, 1550 N. Broadway
Wichita, Kansas 67214-1000
Telephone (316) 266-2004
Fax (316) 266-2016

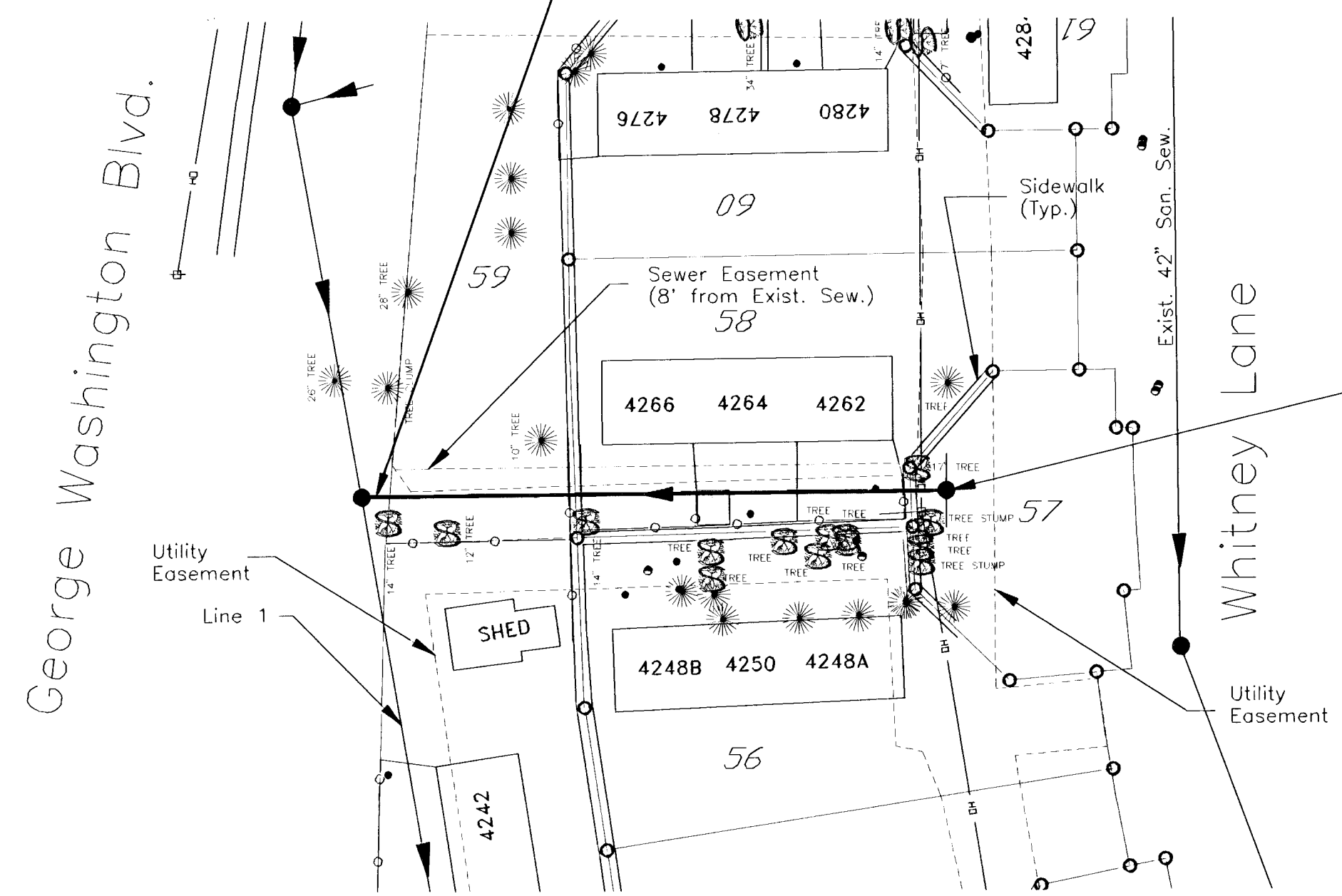
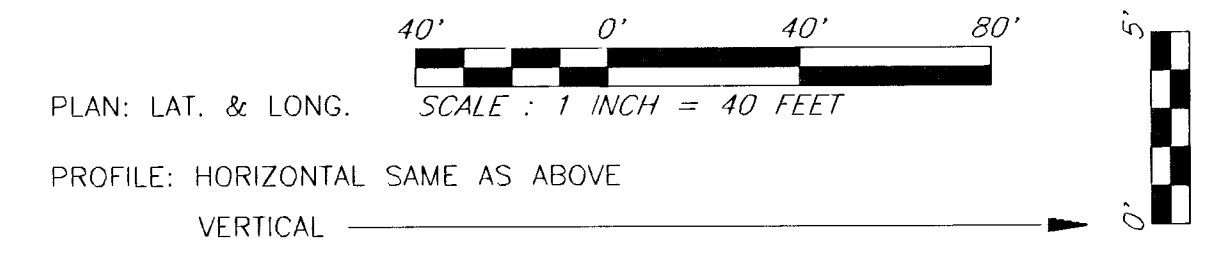
GEORGE BUTLER ASSOCIATES, INC.
Engineers / Architects / Landscape Architects / Planners

Designed By: J. Dough, M. Adenson
Drawn By: M. Adenson
Job No.: 7618
Date: 16 SEPTEMBER 1996

STA. 0+00 (MH 5744-129)
CONNECT LINE 2 TO MH 5744-129
F.L. EL. = 111.75
SEE LINE 1, SHEET 4

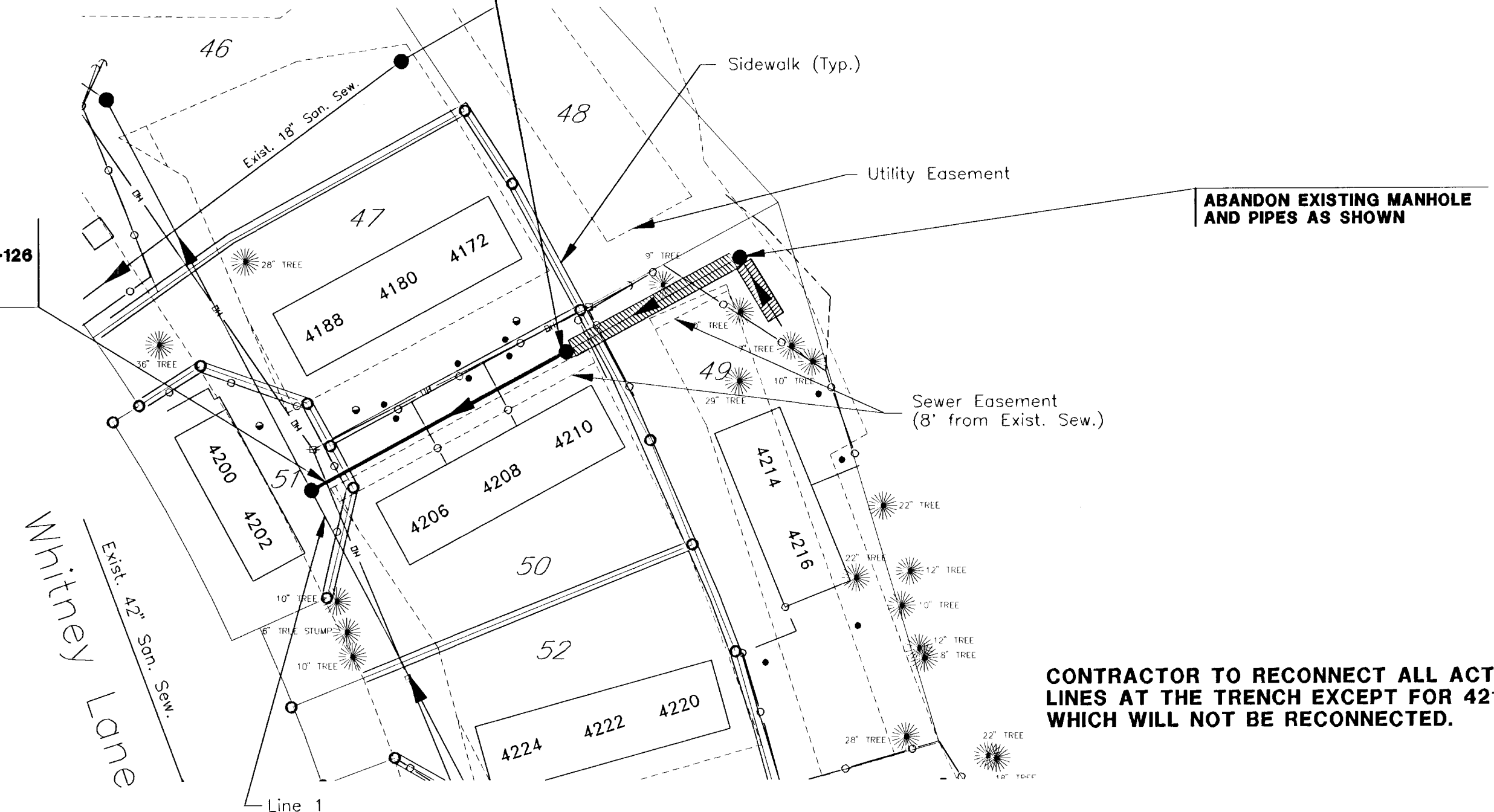
SITE BENCH MARK
CHISELED PLUS IN SIDEWALK AT SOUTHWEST
CORNER OF LOT 41, BLOCK O. EL. = 115.20
(SEE SHEET 3)

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. 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

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



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

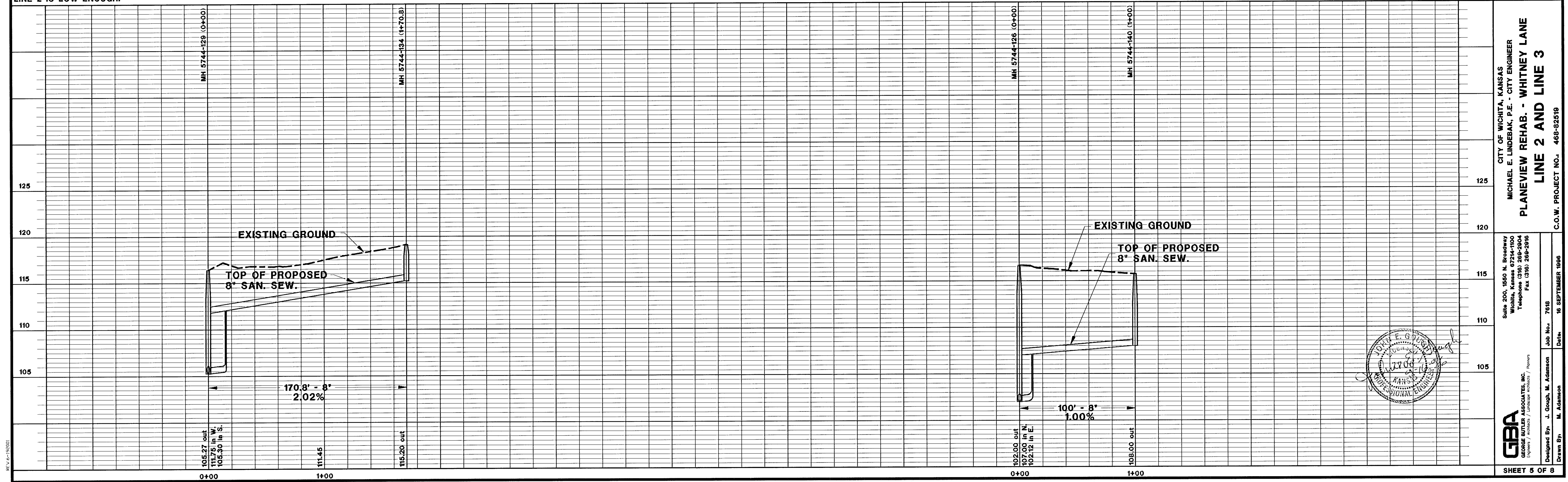
CONTRACTOR TO RECONNECT ALL ACTIVE SERVICE
LINES AT THE TRENCH.

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.

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.

LINE 2

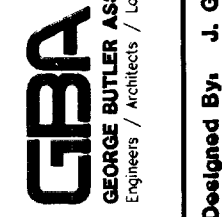
LINE 3



CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
PLANEVIEW REHAB. - WHITNEY LANE
LINE 2 AND LINE 3

Suite 200, 1550 N. Broadway
Wichita, Kansas 67244-1100
Telephone (316) 268-2004
Fax (316) 268-2076

Designed By: J. Gough, M. Adamson
Drawn By: M. Adamson
Job No. 7619
Date: 18 SEPTEMBER 1996



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

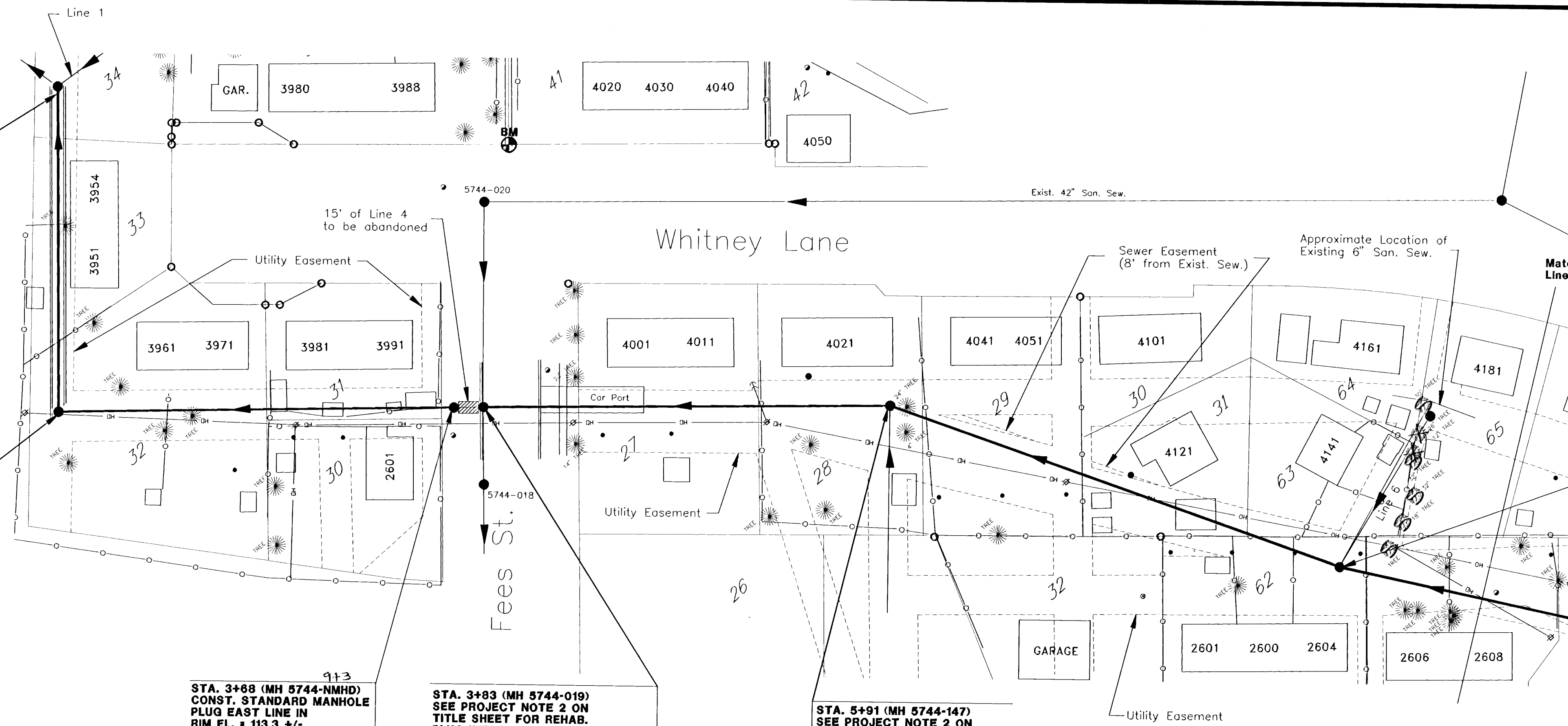
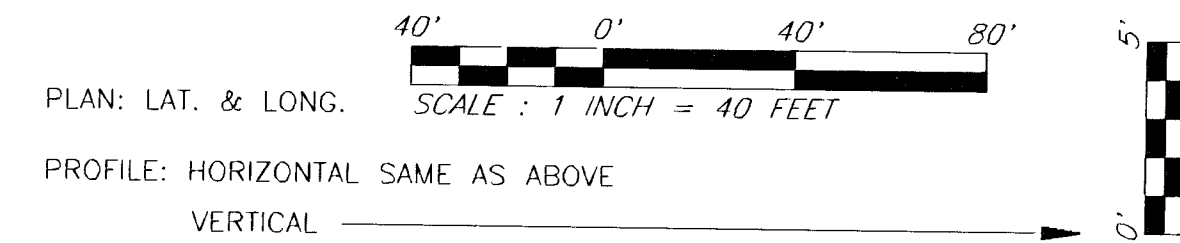
STA. 0+00 (MH 5744-119S)
CONNECT LINE 4 TO 5744-119S
F.L. EL. = 101.93
SEE LINE 1, SHEET 3

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 58.8' 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 58.8' 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

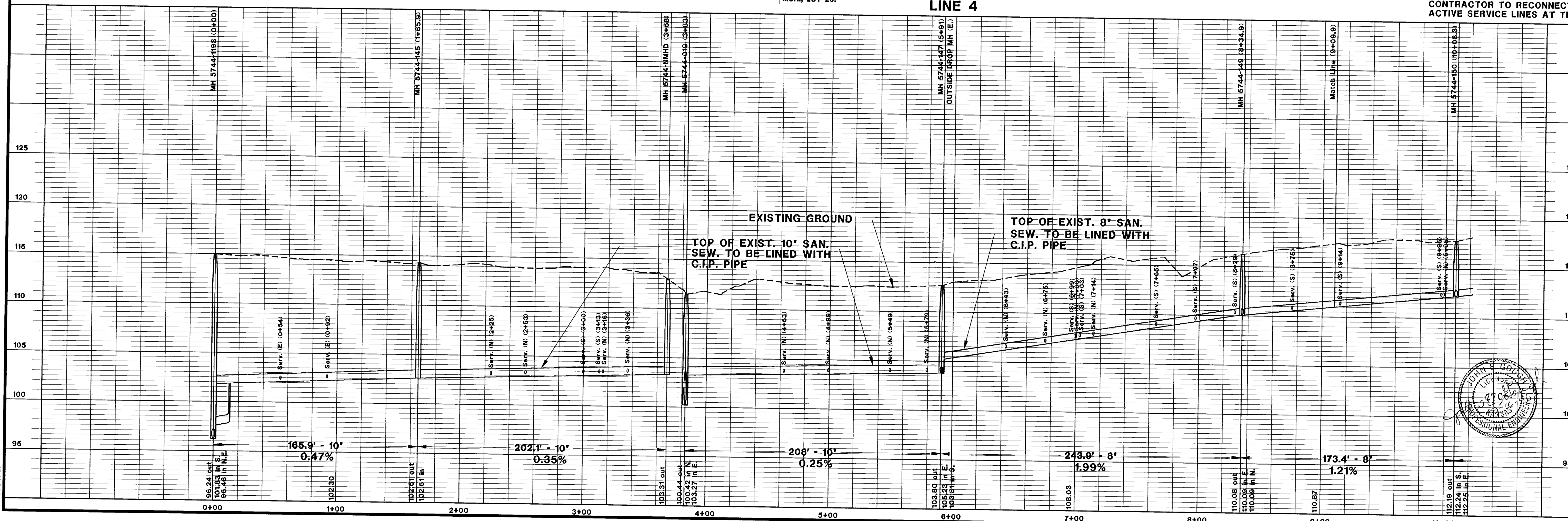
BETA TAPE 289 DATED 9-29-92 AND 9-30-92
FROM MH 5744-153 TO 5744-147.

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

TAPES AVAILABLE FOR REVIEW.

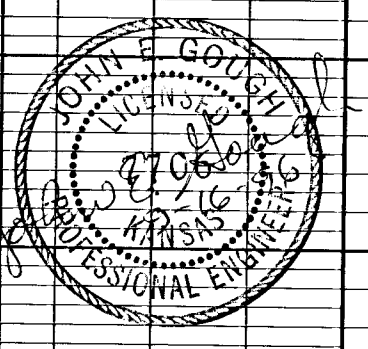
LINE 4

CONTRACTOR TO RECONNECT ALL
ACTIVE SERVICE LINES AT THE TRENCH.

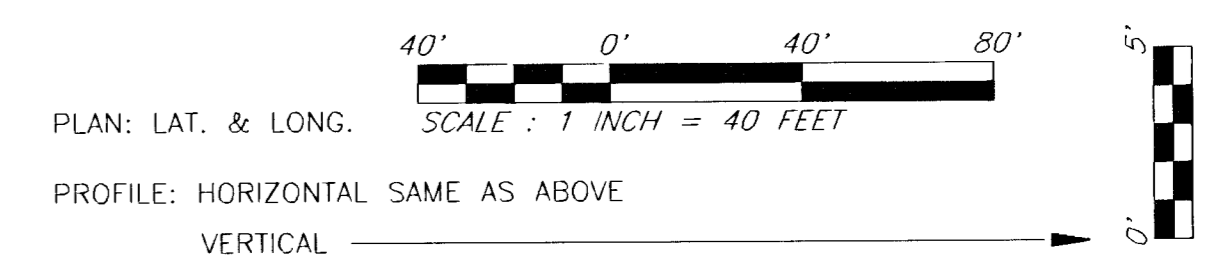


CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
PLANEVIEW REHAB. - WHITNEY LANE
LINE 4

South 200, 1550 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



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. = 112.26
 F.L. EL. OUT = 112.19
 LOCATED 91.1' N. AND 182.1' W.
 OF PROPERTY MON. COMMON
 TO LOTS 56, 71, AND 72

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

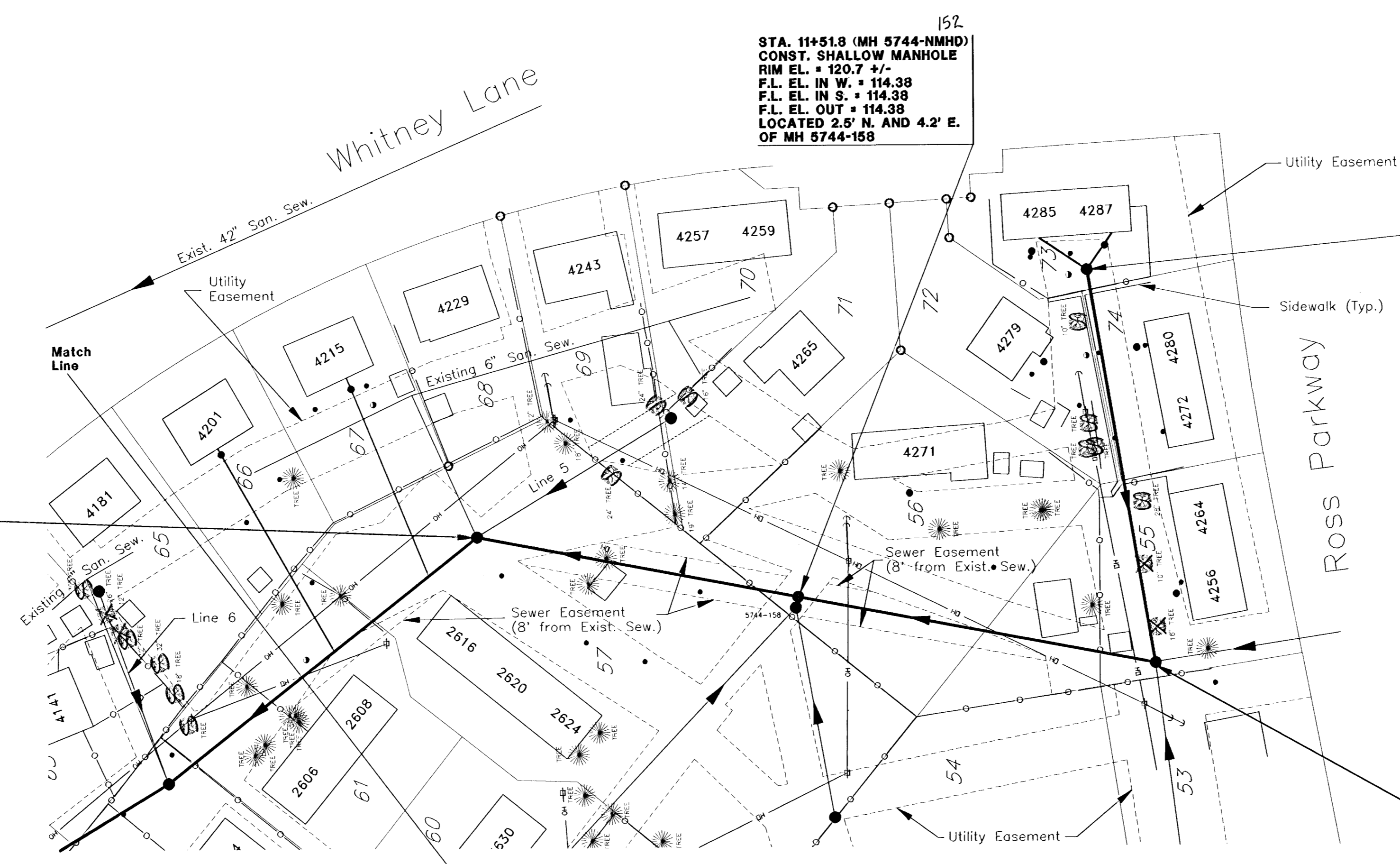
STA. 13+11.5 (MH 5744-153)
 SEE PROJECT NOTE 2 ON
 TITLE SHEET FOR REHAB.
 ADJUST RIM EL. = 125.3 +/-
 F.L. EL. IN W. = 120.35
 F.L. EL. IN S. = 116.76
 F.L. EL. IN E. = 116.98
 F.L. EL. OUT = 116.77
 LOCATED 173.4' S. AND 33.8' W.
 OF PROPERTY MON. COMMON
 TO LOTS 56, 71, AND 72

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.

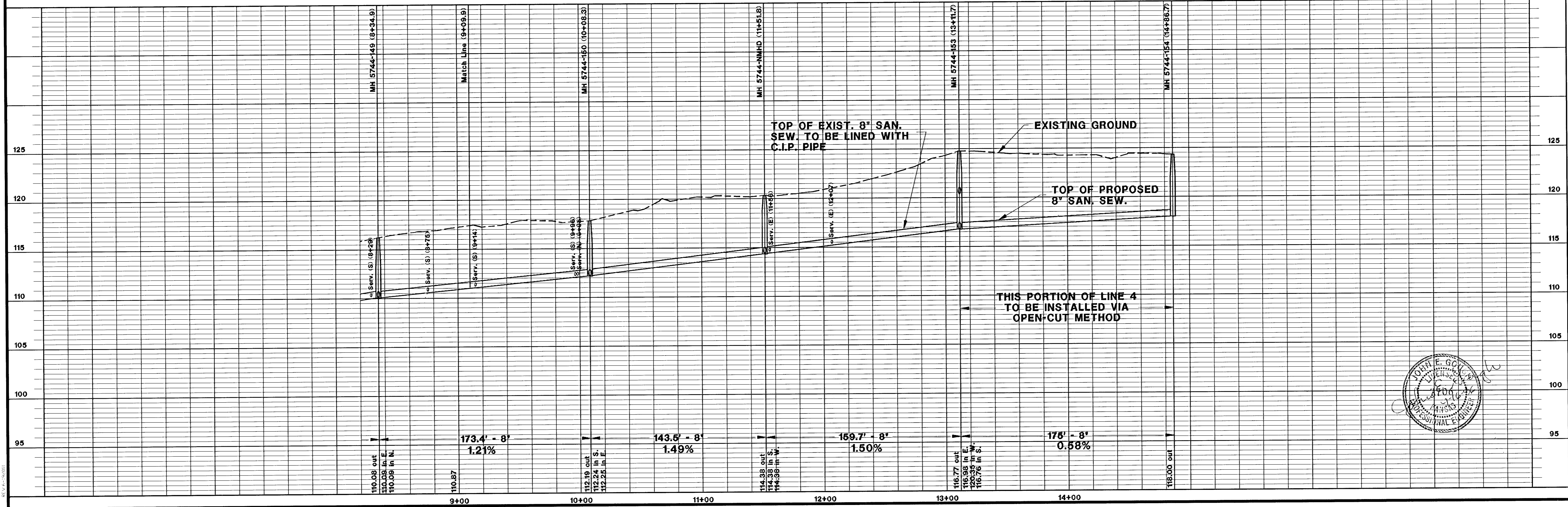
TELEVISION LOGS
 BETA TAPE 289 DATED 9-29-92 AND 9-30-92 FROM MH 5744-153 TO 5744-147.
 BETA TAPE 211 DATED 9-30-92 AND 10-1-92 FROM MH 5744-147 TO 5744-119S.
 TAPES AVAILABLE FOR REVIEW.

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.

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



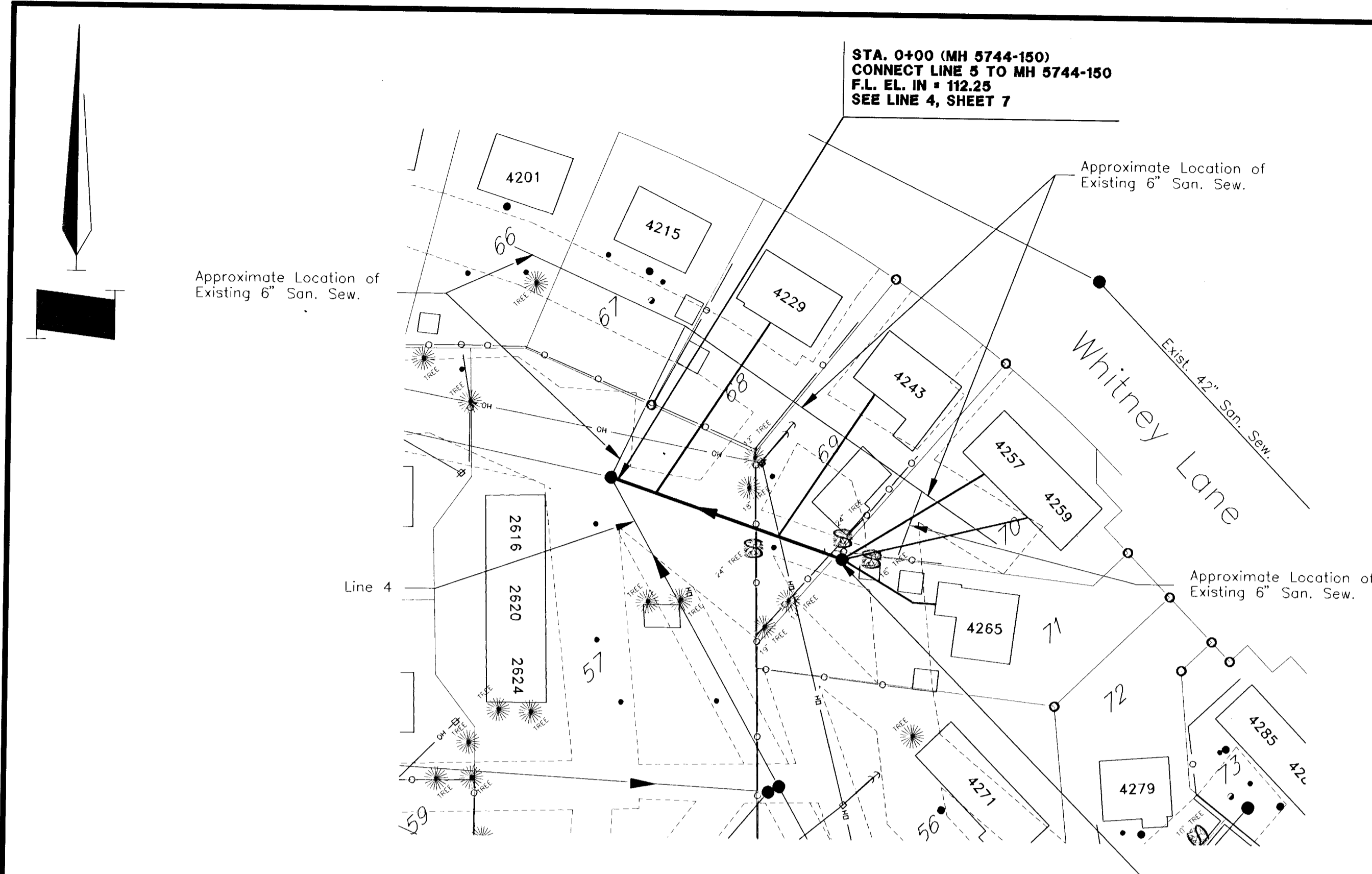
LINE 4



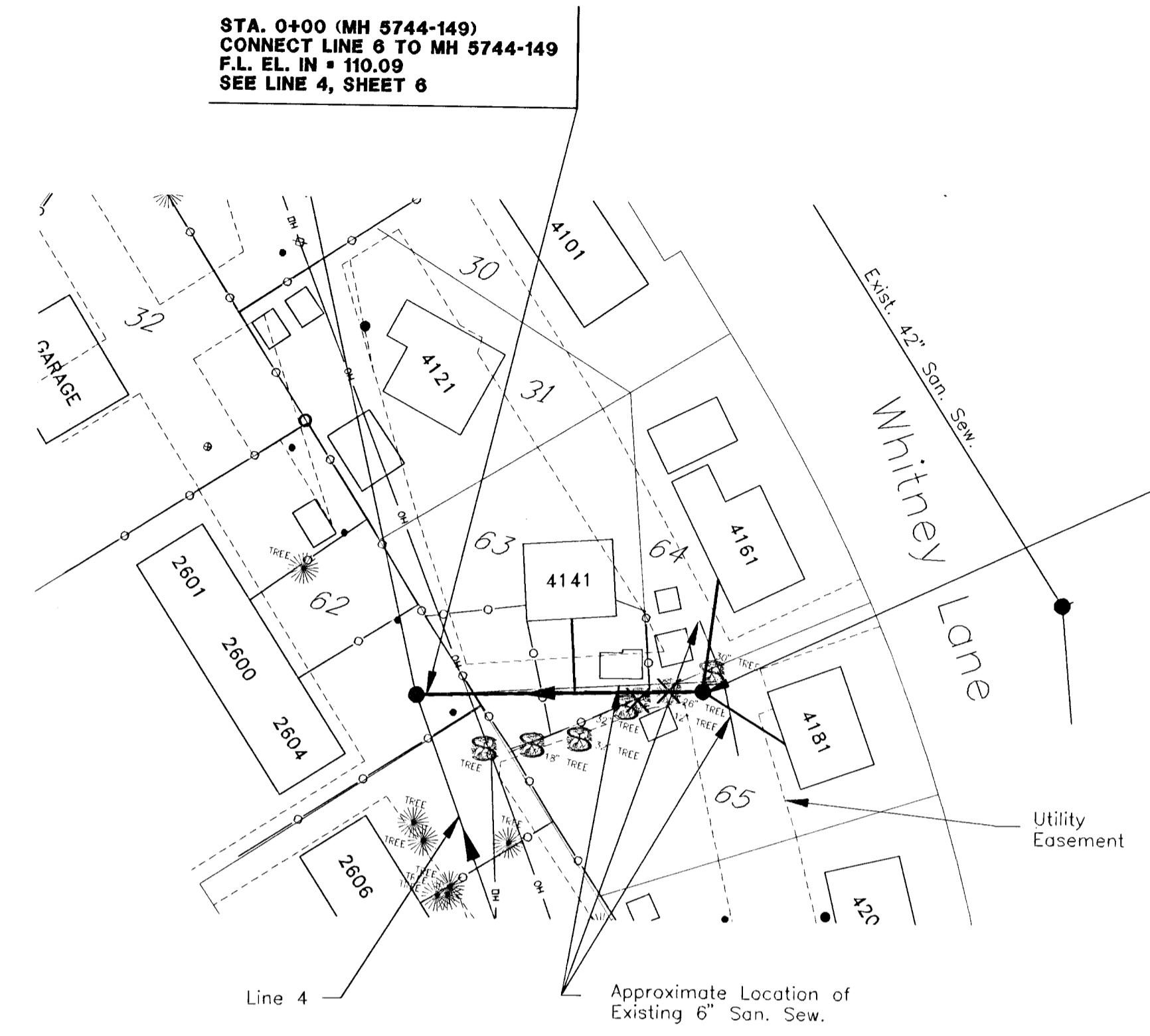
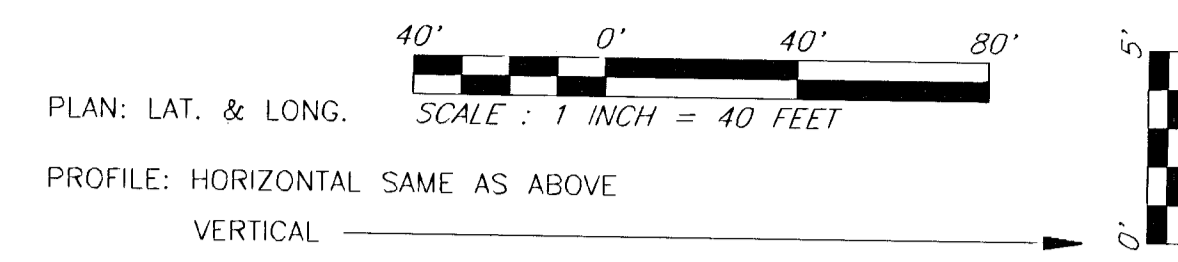
CITY OF WICHITA, KANSAS
 MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
 PLANEVIEW REHAB. - WHITNEY LANE
 LINE 6

Suite 200, 1550 N. Broadway
 Wichita, Kansas 67214-1100
 Telephone (316) 269-2904
 Fax (316) 269-2916

Designed By: J. Gough, M. Adamson
 Drawn By: M. Adamson
 Job No.: 7618
 Date: 16 SEPTEMBER 1998



SITE BENCHMARK
 CHISELED PLUS IN SIDEWALK AT SOUTHWEST
 CORNER OF LOT 41, BLOCK O. EL. = 116.20
 (SEE SHEET 6)



STA. 0+90 (MH 5744-NMHC)
 CONST. SHALLOW MANHOLE
 RIM EL. = 117.7 +/-
 F.L. EL. OUT = 110.50
 LOCATED 71.8' N. AND 132.8' E.
 OF PROPERTY MON. COMMON
 TO LOTS 31, 32, AND 62

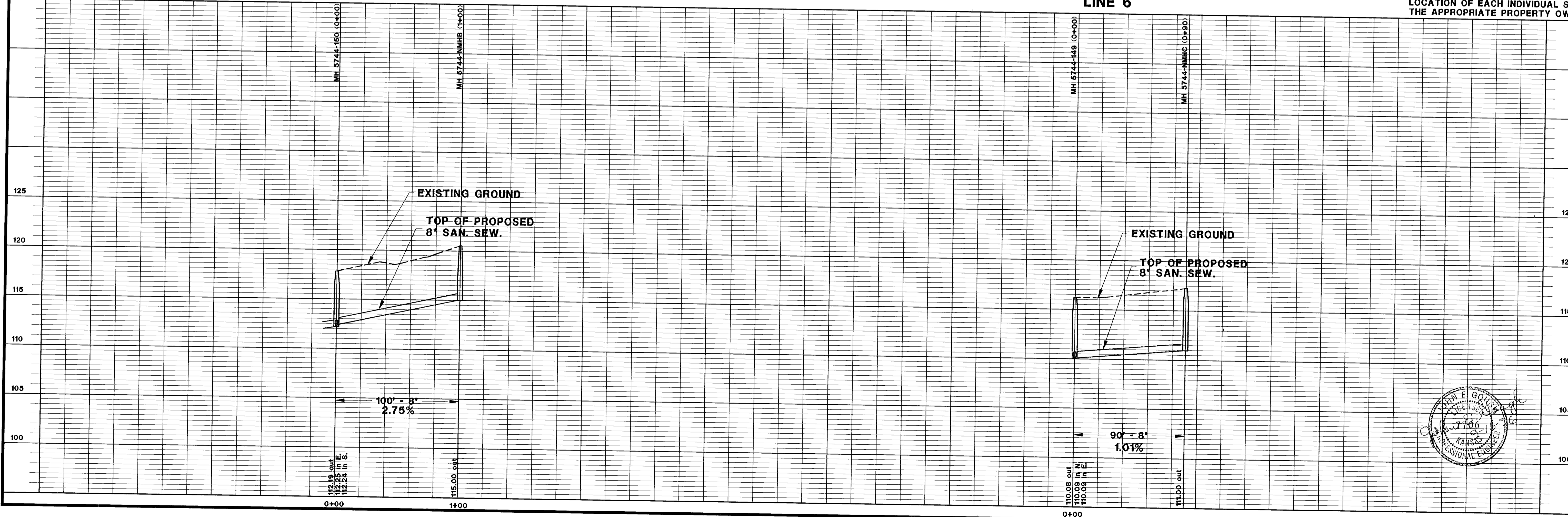
CONTRACTOR TO CONSTRUCT NEW SERVICE LATERALS FOR 4229, 4243, 4257, 4259, AND 4265 FROM THEIR FOUNDATIONS TO LINE 5 SIMILAR TO AS SHOWN. FOR ALL NEW SERVICE LATERAL CONSTRUCTION, CONTRACTOR TO COORDINATE THE INSTALLATION WITH EACH PROPERTY OWNER AND VERIFY THE LOCATION OF EACH INDIVIDUAL SERVICE WITH THE APPROPRIATE PROPERTY OWNER.

LINE 5

STA. 1+00 (MH 5744-NMHB)
 CONST. SHALLOW MANHOLE
 RIM EL. = 121.4 +/-
 F.L. EL. OUT = 115.00
 LOCATED 58.3' N. AND 87.5' W.
 OF PROPERTY MON. COMMON
 TO LOTS 56, 71, AND 72

LINE 6

CONTRACTOR TO CONSTRUCT NEW SERVICE LATERALS FOR 4141, 4161, AND 4181 FROM THEIR FOUNDATIONS TO LINE 6 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.



CITY OF WICHITA, KANSAS
 MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
PLANEVIEW REHAB. - WHITNEY LANE
LINE 5 AND LINE 6
 C.O.W. PROJECT NO. 468-82519

Suite 200, 1550 N. Broadway
 Wichita, Kansas 67244-1900
 Telephone (316) 269-2904
 Fax (316) 269-2616

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

Designed By: J. Gough, M. Adamson
 Drawn By: M. Adamson
 Job No. 7818
 Date: 16 SEPTEMBER 1996

JOHN E. GOUGH
 PROFESSIONAL ENGINEER
 No. 12345
 State of Kansas