CONSTRUCTION PLANS FOR

LATERAL 107, MAIN 2

OF THE

SANITARY SEWER NO. 12

THE CITY OF WICHITA,
SEDGWICK COUNTY, KANSAS

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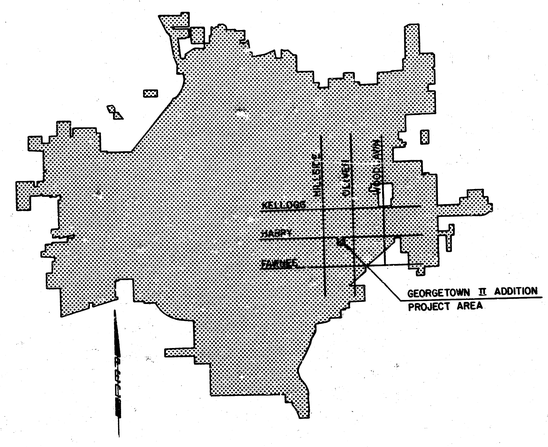

LOCATION MAP

As Built
J.L.L.
6-84

CITY OF WICHITA PROJECT NO. 468-76-245-81318 -000-000-001

JANUARY, 1984

PLANS PREPARED BY

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

DANIEL LYNN MOORE LICENSED 9055 KANSAS PROFESSIONAL ENGINEER

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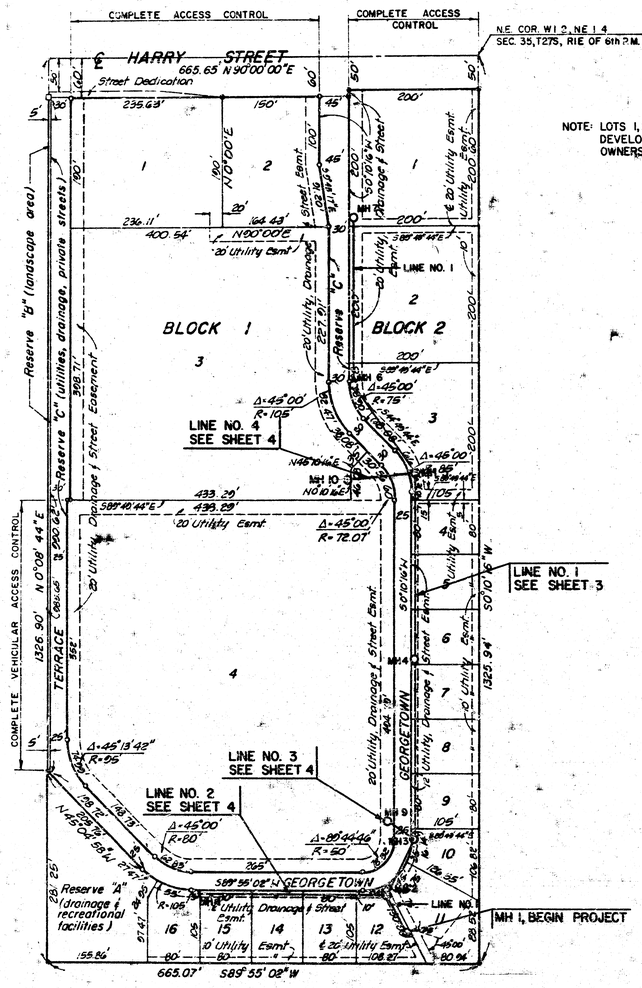


NOTE: LOTS 1, 2 & 3, BLK 1 WILL BE DEVELOPED UNDER COMMON OWNERSHIP

BM= 1412.433' City of Wichita disc on W. end N. Hubg'd of new R.C.B. approx. 150' East of Harry & Oliver Inters. (City Datum)

GEORGETOWN II ADDITION

GENERAL NOTES

1. ALL CONSTRUCTION AND MATERIALS TO COMPLY WITH CITY OF WICHITA SPECIFICATIONS AND STANDARDS.
2. ALL ELEVATIONS SHOWN ARE CITY OF WILHITA DATUM (USGS-1187.4 = CITY DATUM).
3. THE CONTRACTOR SHALL LIMIT THE EXTENT OF TRENCH TO REMAIN OPEN OVERNIGHTS AND WEEKENDS TO LESS THAN 50 FEET.
4. AT LEAST 24 HOURS PRIOR TO BEGINNING EXCAVATION (EXCLUDING WEEKENDS AND HOLIDAYS) THE CONTRACTOR SHALL CONTACT THE UTILITY LOCATION SERVICE "KAN-U-DIG-IT" AT (316) 267-2889 TO REQUEST THE FOLLOWING UTILITY COMPANIES TO LOCATE ANY EXISTING LINES WITHIN THE PROJECT AREA: GAS SERVICE COMPANY, K.G. & E., SOUTHWESTERN BELL TELEPHONE COMPANY, THE WICHITA WATER DEPARTMENT, AIR CAPITAL CABLEVISION, AND ARKLA GAS COMPANY.
5. THE CONTRACTOR SHALL AVOID REMOVAL OR TRIMMING OF ANY TREES WHERE POSSIBLE. WHERE THE CONTRACTOR BELIEVES THE REMOVAL OR TRIMMING IS UNAVOIDABLE, HE SHALL COORDINATE SUCH WORK WITH THE ENGINEER.
6. TREE REMOVAL AND TREE TRIMMING SHALL BE DONE BY THE CONTRACTOR UNDER THE SUPERVISION OF THE ENGINEER AND SHALL BE CONSIDERED AS SUBSIDIARY TO OTHER ITEMS OF WORK.
7. WHERE REMOVAL OF EXISTING FENCES PARALLEL TO THE CONSTRUCTION IS DEEMED NECESSARY BY THE CONTRACTOR, THE CONTRACTOR SHALL COORDINATE REMOVAL WITH THE ENGINEER. REMOVAL AND RESETTING OF FENCES SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS SUBSIDIARY TO THE OTHER ITEMS OF WORK.
8. TREES REMOVED, TREE TRIMMINGS, FENCES, AND OTHER DEBRIS SHALL BE HAULED FROM THE SITE BY THE CONTRACTOR AND WASTED AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
9. THE CONTRACTOR SHALL RESTORE ALL DITCHES, SWALES, ROAD SHOULDERS, ENTRANCES, AND BANK LINES TO THEIR ORIGINAL SLOPES AND GRADES.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING CONTINUOUS FLOW OF SEWAGE THROUGH CONSTRUCTION. CONTRACTOR'S PROPOSED METHOD FOR MAINTAINING SEWAGE FLOW SHALL BE APPROVED BY THE ENGINEER. COST OF MAINTAINING FLOW OF SEWAGE THROUGH CONSTRUCTION WILL NOT BE PAID FOR DIRECTLY AND THIS COST SHALL BE CONSIDERED AS SUBSIDIARY TO THE OTHER ITEMS OF WORK.
11. 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 OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS. ALL COSTS FOR THIS WORK SHALL BE SUBSIDIARY TO THE OTHER ITEMS OF WORK.
12. RISERS AND ADDITIONAL STUBS SHALL BE INSTALLED ON THIS PROJECT TO SERVE INDIVIDUAL LOTS WHEN ORDERED BY THE FIELD ENGINEER. RISER CONSTRUCTION SHALL CONFORM TO THE CITY OF WICHITA SPECIFICATIONS AND STANDARDS. LOCATIONS OF THE ENDS OF THE RISERS SHALL BE MARKED BY FASTENING GREEN COLORED PLASTIC TAPE TO THE END OF THE RISER AND BROUGHT TO THE GROUND SURFACE AS THE EXCAVATION IS BACKFILLED SUCH THAT THE COLORED TAPE WILL BE VISIBLE WHEN THE PROJECT IS COMPLETED.
13. THE CONTRACTOR SHALL SPREAD ALL EXCESS EXCAVATED SOIL WITHIN THE BOUNDARIES PROVIDED BY THE DEVELOPER. THIS SOIL SHALL BE COMPACTED IN ACCORDANCE WITH THE REQUIREMENTS FOR TYPE B COMPACTION, AS OUTLINED IN SECTION 210 OF THE KANSAS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 1980 EDITION," THROUGH A SEPARATE CONTRACT WITH THE DEVELOPER.
14. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AT THE PROPOSED LOCATION OF MH 1 TO VERIFY THE LOCATION AND ELEVATION OF THE EXISTING SEWERLINE. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF IT APPEARS THAT ADJUSTMENTS TO THE PROPOSED LOCATION OR ELEVATION ARE NECESSARY.

DANIEL LYNN LINDEBAK LICENSED 8055 KANSAS PROFESSIONAL ENGINEER

No.	Revision	By	Date

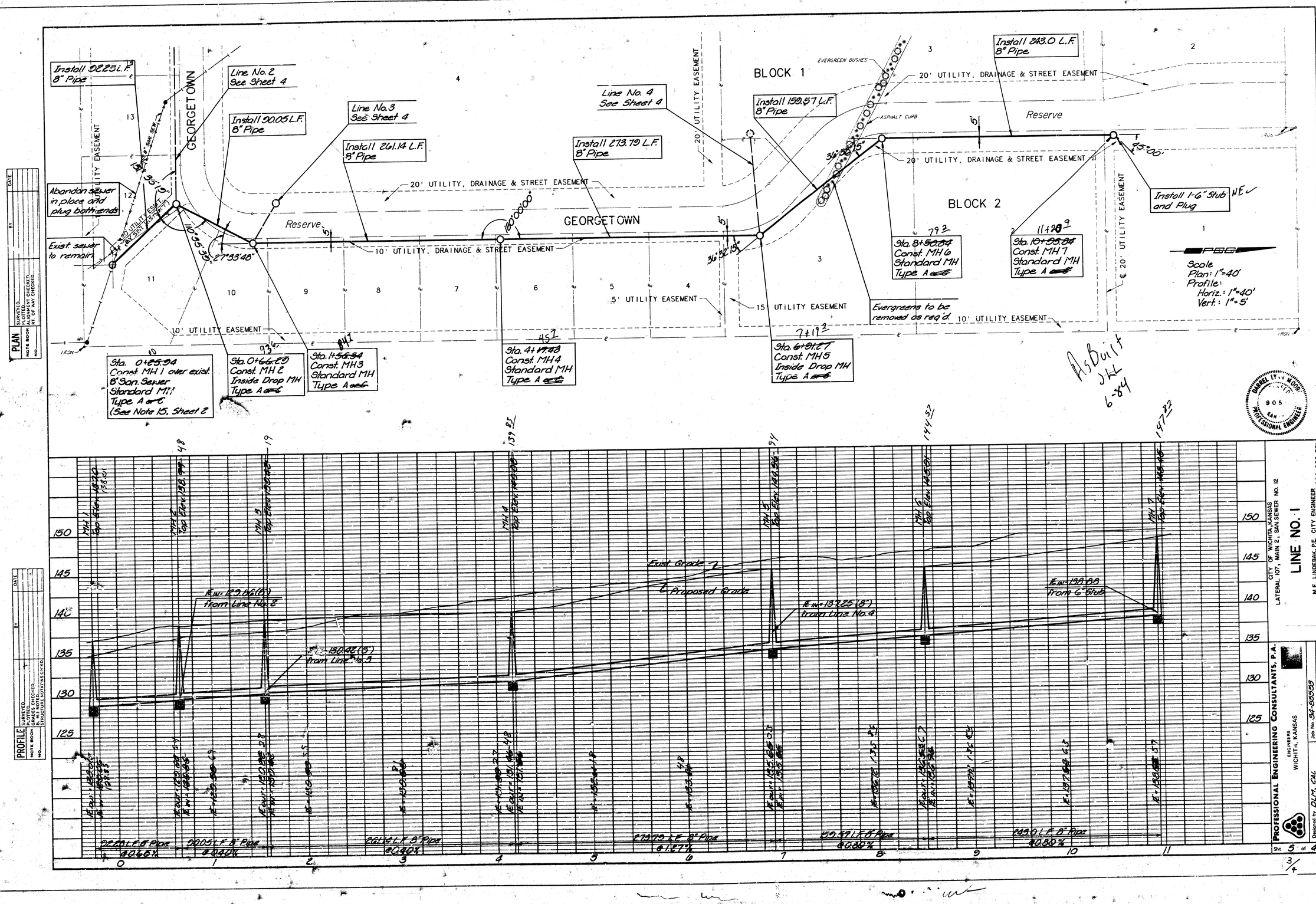
CITY OF WICHITA, KANSAS
LATERAL 107, MAIN 2, SAN. SEWER NO. 12

KEY MAP & GENERAL NOTES

M.E. LINDEBAK, P.E. CITY ENGINEER
CITY OF WICHITA PROJECT NO. 468-76-245-9138-000-000-001

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

Designed by DLB, CAL	Job No. 34-85553	Sht. 2 of 4	
Drawn by DEP	Date Dec. 1983		



PLAN — SURVEYED, PLOTTED, GRADES CHECKED, NOTE BOOK, NO., DATE, BY, RT. OF WAY CHECKED

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, NOTE BOOK, NO., DATE, BY, STRUCTURE NOTATIONS CHKD

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS
Job No. 84-555.55
Date Jan. 1984
Designed by DLM, CAL
Drawn by CAL, DEP

CITY OF WICHITA, KANSAS
LATERAL 107, MAIN 2, SAN. SEWER NO. 12

LINE NO. 1

M.E. LINDEBAK, P.E. CITY ENGINEER
CITY OF WICHITA PROJECT NO. 468-76-2210-81(58-000-000-001

Sht 5 of 4

3/4

Remove exist. manhole & abandon sewer in place & Plug both ends

Install 1292.98 L.F. 8" Pipe

Install 1-4" Stub and Plug

10' UTILITY EASEMENT

10' UTILITY, DRAINAGE & STREET EASEMENT

20' UTILITY EASEMENT

10' UTILITY EASEMENT

GEORGETOWN

Reserve

20' UTILITY, DRAINAGE & STREET EASEMENT

Sta. 2+92.98 Const. MH 8 Standard MH Type A

Sta. 0+66.29 Line No. 1 = Sta. 0+00.00, Line No. 2 MH 2

BLOCK 2

BLOCK 1

Line No. 1 See Sheet 3

Remove exist. manhole & abandon sewer in place & plug both ends

Scale:
Plan: 1"=40'
Profile:
Horiz: 1"=40'
Vert: 1"=5'

Line No. 1 See Sheet 3

Install 45.12 L.F. 8" Pipe

Reserve

Sta. 0+45.72 Const. MH 9 Standard MH Type A

BLOCK 2

Sta. 1+56.34 Line No. 1 = Sta. 0+00.00, Line No. 3 MH 3

10' UTIL. DRAINAGE & STREET ESM'T.

GEORGETOWN

20' UTIL. DRAINAGE & STREET ESM'T.

BLOCK 1

CAUTION!!! 24" Storm Drain

Install 1-8" Stub and Plug W

Line No. 1 See Sheet 3

10' UTIL. DRAINAGE & STREET ESM'T.

GEORGETOWN

Sta. 1+02.95 Const. MH 10 Inside Drop MH Type A

20' UTILITY, DRAINAGE & STREET EASEMENT

Install 2-6" Stubs & Plugs (PVC) NW & SW

20' UTIL. DRAINAGE & STREET ESM'T.

Sta. 7+19.2 Sta. 6+91.87 Line No. 1 = Sta. 0+00.00, Line No. 4 MH 5

20' SAN. SEWER EASEMENT by SEPARATE INSTRUMENT

BLOCK 2

BLOCK 1

Install 102.45 L.F. 8" Pipe

CAUTION!!! 18" Storm Drain & 8" Water

EVERGREEN BUSHES

ASPHALT CURB

As Built J.L.L. 6-84

DARREL LYNN MOORE LICENSED 9055 KANSAS PROFESSIONAL ENGINEER

PLAN
SURVEYED
PLOTTED
CORRECTIONS CHECKED
RT. OF WAY CHECKED
NOTE BOOK
NO.
DATE
BY

PROFILE
SURVEYED
PLOTTED
CORRECTIONS CHECKED
B.M.'s NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.
DATE
BY

MH 1 Top Elev. 1152.66 Invert Elev. 1129.66

MH 2 Top Elev. 1153.26 Invert Elev. 1131.03

MH 3 Top Elev. 1150.00 Invert Elev. 1130.58

MH 9 Top Elev. 1150.00 Invert Elev. 1130.05

MH 5 Top Elev. 1144.80 Invert Elev. 1139.05

MH 10 Top Elev. 1143.67 Invert Elev. 1138.28

Proposed Grade
Exist. Grade

Ft. in = 131.36 from 4" Stub

Ft. in = 131.16 from 8" Stub

Ft. in = 140.0 from 2-6" Stubs

10" Storm Drain

8" Water

24" Storm Drain

Proposed Grade
Exist. Grade 6

Proposed Grade
Exist. Grade

Exist. 1129.66 Ft. in = 1129.66

Exist. 1131.03 Ft. in = 1131.03

Exist. 1130.58 Ft. in = 1130.58

Exist. 1130.05 Ft. in = 1130.05

Exist. 1139.05 Ft. in = 1139.05

Exist. 1138.28 Ft. in = 1138.28

Ft. in = 1130.26

1292.98 L.F. 8" Pipe @ 0.40%

1292.98 L.F. 8" Pipe @ 0.40%

45.12 L.F. 8" Pipe @ 0.40%

102.45 L.F. 8" Pipe @ 0.40%

0 1 2 3 0 1

150 145 140 135 130 125

PROFILE
SURVEYED
PLOTTED
CORRECTIONS CHECKED
B.M.'s NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.
DATE
BY

CITY OF WICHITA, KANSAS
LATERAL 107, MAIN 2, SAN. SEWER NO. 12
M.E. LINDEBAK, P.E. CITY ENGINEER
CITY OF WICHITA PROJECT NO. 468-84218-000-000-001

LINE NOS. 2, 3 & 4

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

Job No. 84-83555
Date Jan. 1984

Designed by DLM, CAL
Drawn by CAL, DEP

Sht. 4 of 4 Sheets

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