CONSTRUCTION PLANS FOR

LATERAL 107, MAIN 2

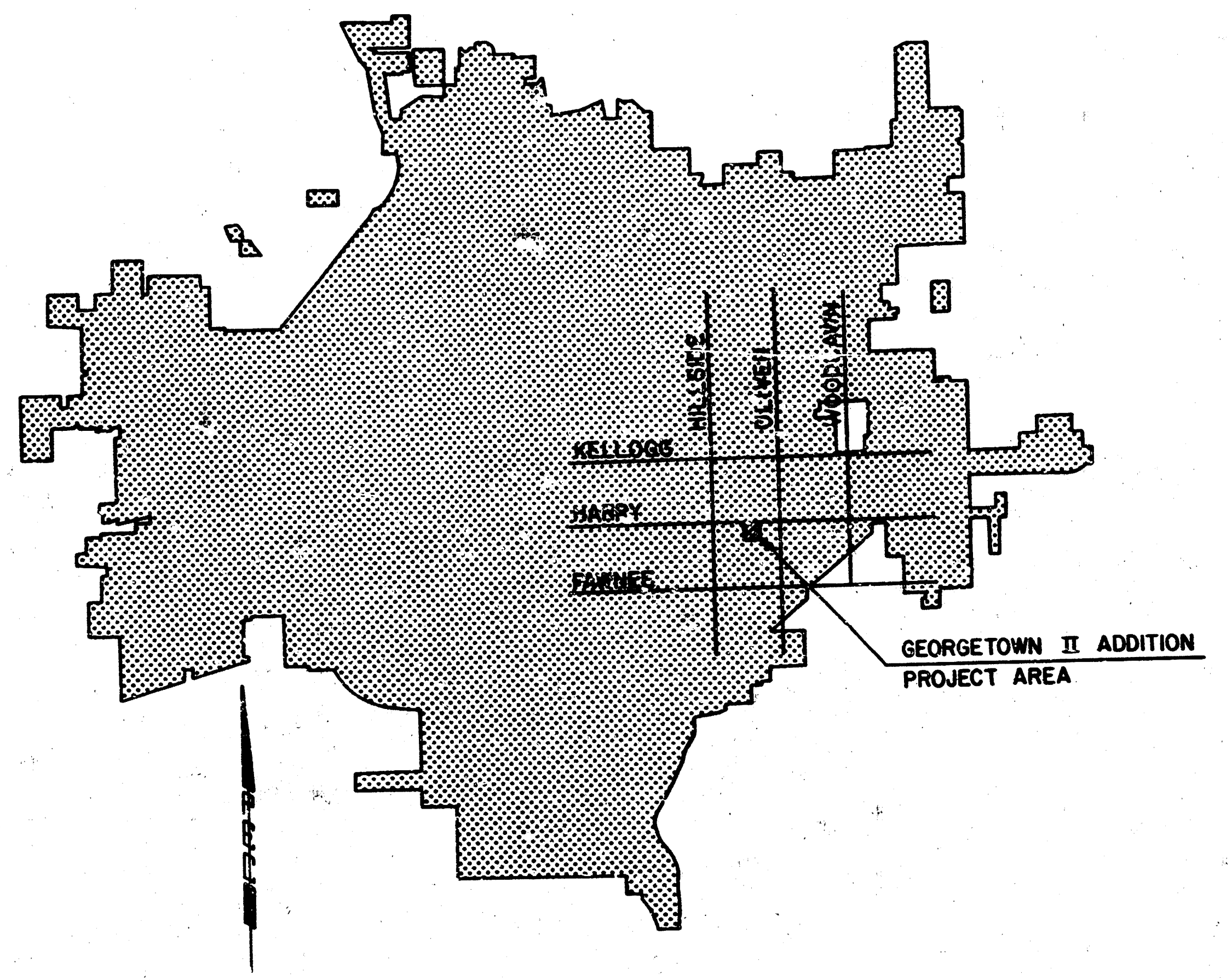
OF THE

SANITARY SEWER NO. 12

THE CITY OF WICHITA,
SEDGWICK COUNTY, KANSAS

INDEX OF SHEETS

SHEET NO. 1	TITLE SHEET
SHEET NO. 2	KEY MAP & GENERAL NOTES
SHEET NO. 3	LINE NO. 1
SHEET NO. 4	LINE NOS. 2, 3 & 4


HILLSIDE
OLIVER
WOODLAWN
KELLOGG
HARRY
PAWNEE
GEORGETOWN II ADDITION
PROJECT AREA

LOCATION MAP

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

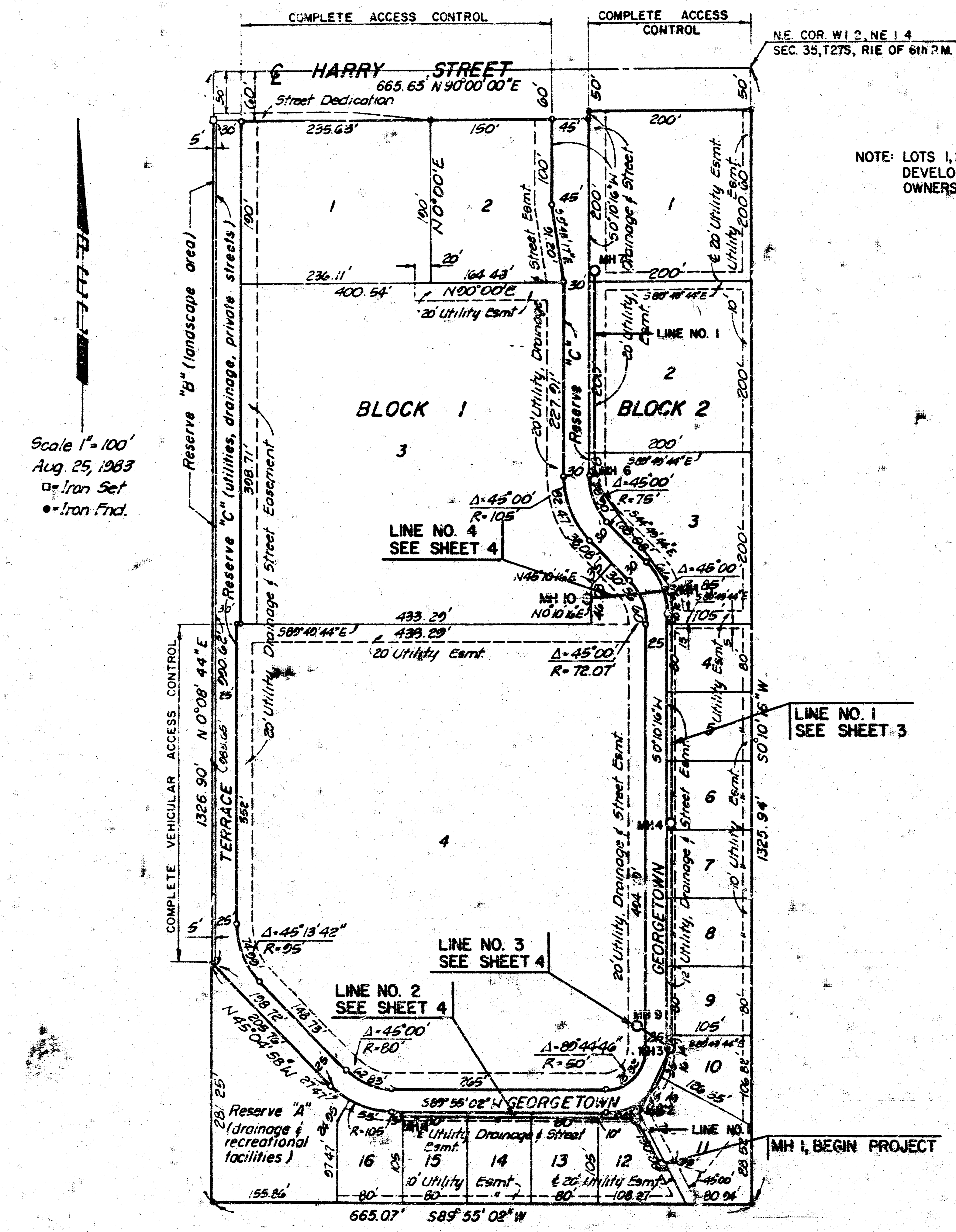
JANUARY, 1984

PLANS PREPARED BY

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

As Built
J. L L
6-84

DARREL LYNN MOORE
9055


COMPLETE ACCESS CONTROL
COMPLETE ACCESS CONTROL
N.E. COR. W1/2, NE 1/4 SEC. 35, T27S, R1E OF 6th P.M.
℄ HARRY STREET
665.65 N90°00'00"E
Street Dedication
50'
60'
60'
50'
50'
5'
30'
235.63'
150'
45'
200'
1
2
1
N0°00'E
190'
100'
20'
236.11'
164.43'
400.54'
N90°00'E
20' Utility Esmt
MH 7
LINE NO. 1
2
BLOCK 1
BLOCK 2
3
20' Utility, Drainage & Street Esmt.
Reserve "C"
Reserve "B" (landscape area)
Reserve "C" (utilities, drainage, private streets)
Drainage & Street Easement
398.71'
200'
S89°49'44"E
MH 6
Δ=45°00'
R=75'
3
Δ=45°00'
R=105'
LINE NO. 4
SEE SHEET 4
N45°10'16"E
MH 10
N0°10'16"E
Δ=45°00'
433.29'
433.29'
S89°40'44"E
20' Utility Esmt.
Δ=45°00'
R=72.07'
105'
4
LINE NO. 1
SEE SHEET 3
S0°10'16"W
1325.94'
COMPLETE VEHICULAR ACCESS CONTROL
1326.90'
N0°08'44"E
TERRACE
20' Utility, Drainage & Street Esmt.
GEORGETOWN
MH 4
4
5
6
7
8
9
10
10' Utility Esmt.
Δ=45°13'42"
R=95
5'
25
LINE NO. 3
SEE SHEET 4
LINE NO. 2
SEE SHEET 4
Δ=45°00'
R=80'
MH 9
Δ=89°44'46"
R=50'
MH 3
N45°04'58"W
205.72'
198.72'
148.73'
265'
S89°55'02"W GEORGETOWN
Reserve "A" (drainage & recreational facilities)
R=105'
Utility, Drainage & Street Esmt.
16
15
14
13
12
11
10' Utility Esmt.
℄ 20' Utility Esmt.
80'
80'
80'
108.27'
80.94'
155.86'
LINE NO. 1
MH 1, BEGIN PROJECT
665.07'
S89°55'02"W
Scale 1" = 100'
Aug. 25, 1983
□ = Iron Set
● = Iron Fnd.

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

BM = 142.433 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 WICHITA 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.

No.	Revision	By	Date

9055

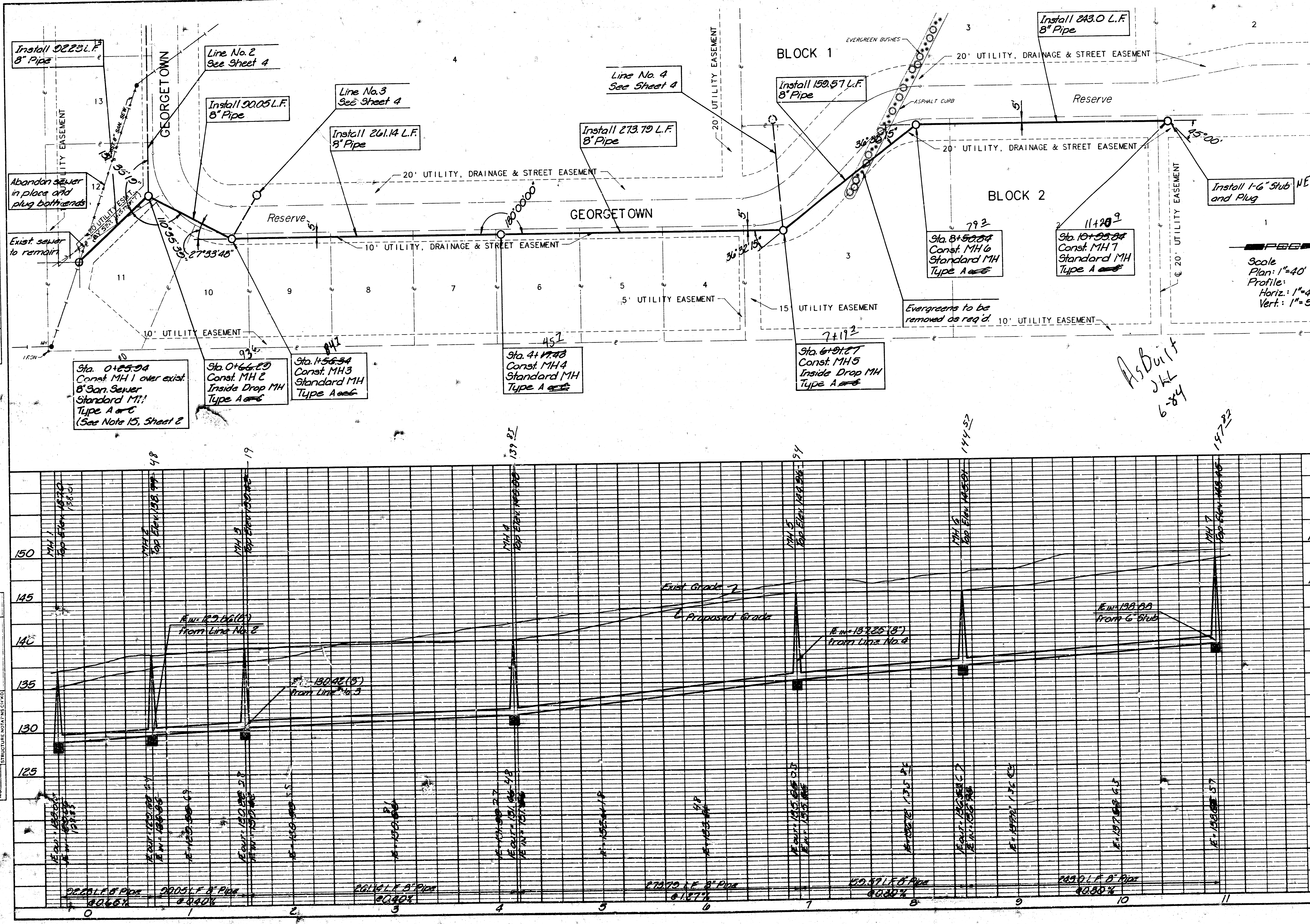
CITY OF WICHITA, KANSAS
LATERAL 107, MAIN 2, SAN. SEWER NO. 12

KEY MAP & GENERAL NOTES

M.E. LINDEBAK, P.E. CITY ENGINEER
CITY OF WICHITA PROJECT NO. 468-76-245-81318-000-000-001

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

Designed by DLM, CAL	Job No. 54-83553	Sht. 2/4 4
Drawn by DEP	Date Dec. 1983	


Install 92.23 L.F. 8" Pipe
Line No. 2 See Sheet 4
Install 90.05 L.F. 8" Pipe
Line No. 3 See Sheet 4
Install 261.14 L.F. 8" Pipe
Install 273.79 L.F. 8" Pipe
Line No. 4 See Sheet 4
Install 159.57 L.F. 8" Pipe
Install 243.0 L.F. 8" Pipe
Install 1-6" Stub and Plug NE✓
GEORGETOWN
BLOCK 1
BLOCK 2
Reserve
EVERGREEN BUSHES
ASPHALT CURB
20' UTILITY, DRAINAGE & STREET EASEMENT
10' UTILITY, DRAINAGE & STREET EASEMENT
10' UTILITY EASEMENT
5' UTILITY EASEMENT
15' UTILITY EASEMENT
20' UTILITY EASEMENT
℄ 20' UTILITY EASEMENT
20' UTILITY ESMT. (BY SEP. INST.)
EXIST. 8" SAN. SEW.
UTILITY EASEMENT
Abandon sewer in place and plug both ends
Exist. sewer to remain
Evergreens to be removed as req'd.
IRON
MH
35°19'
110°35'39"
27°33'48"
180°00'00"
36°32'15"
45°00'
5'
Sta. 0+~~25.94~~ 00
Const. MH 1 over exist. 8" San. Sewer
Standard MH
Type A ~~or C~~
(See Note 15, Sheet 2
Sta. 0+~~66.29~~ 93
Const. MH 2
Inside Drop MH
Type A ~~or C~~
Sta. 1+~~56.34~~ 84
Const. MH3
Standard MH
Type A ~~or C~~
Sta. 4+~~17.48~~ 45
Const. MH4
Standard MH
Type A ~~or C~~
Sta. ~~6+91.27~~ 7+19
Const. MH5
Inside Drop MH
Type A ~~or C~~
Sta. 8+~~50.84~~ 79
Const. MH6
Standard MH
Type A ~~or C~~
Sta. ~~10+95.84~~ 11+20
Const. MH7
Standard MH
Type A ~~or C~~
13
12
11
10
9
8
7
6
5
4
3
2
1
Scale
Plan: 1"=40'
Profile:
Horiz.: 1"=40'
Vert.: 1"=5'
As Built JKL 6-84
MH 1 Top Elev.
MH 2 Top Elev.
MH 3 Top Elev.
MH 4 Top Elev.
MH 5 Top Elev.
MH 6 Top Elev.
MH 7 Top Elev.
139.83
144.57
147.82
Exist. Grade
℄ Proposed Grade
IE IN = 129.86 (8") from Line No. 2
IE IN = 130.42 (8") from Line No. 3
IE IN = 137.25 (8") from Line No. 4
IE IN = 138.88 from 6" Stub
92.23 L.F. 8" Pipe @0.65%
90.05 L.F. 8" Pipe @0.40%
261.14 L.F. 8" Pipe @0.40%
273.79 L.F. 8" Pipe @1.27%
159.57 L.F. 8" Pipe @0.80%
243.0 L.F. 8" Pipe @0.80%
150
145
140
135
130
125
0
1
2
3
4
5
6
7
8
9
10
11

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

PROFILE
NOTE BOOK
NO.
SURVEYED
PLOTTED
GRADES CHECKED
B. M.'s NOTED
STRUCTURE NOTAT'NS CH'KD
BY
DATE

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. 468-76-245-81318-000-000-001

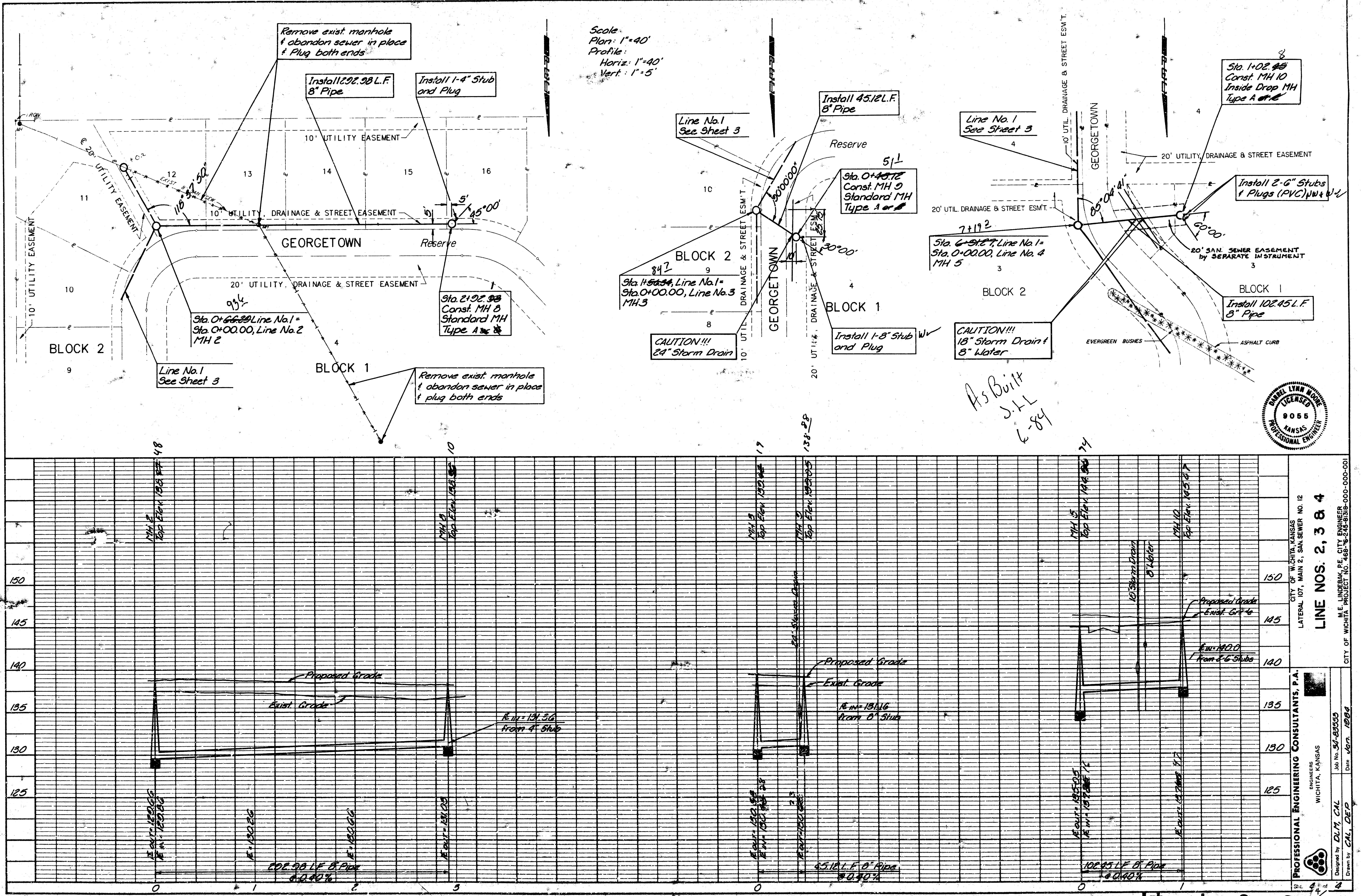
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

Designed by DLM, CAL
Drawn by CAL, DEP
Job No. 34-85593
Date Jan. 1984
Sht. 3 of 4

DARREL LYNN MOORE
905
KAN.
PROFESSIONAL ENGINEER

3/4

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


Scale
Plan: 1"=40'
Profile:
Horiz: 1"=40'
Vert.: 1"=5'
Remove exist. manhole & abandon sewer in place & Plug both ends
Install 292.98 L.F. 8" Pipe
Install 1-4" Stub and Plug
10' UTILITY EASEMENT
20' UTILITY EASEMENT
10' UTILITY, DRAINAGE & STREET EASEMENT
20' UTILITY, DRAINAGE & STREET EASEMENT
GEORGETOWN
Reserve
BLOCK 2
BLOCK 1
11
12
13
14
15
16
10
9
4
116°37'50"
45°00'
5'
Sta. 0+~~66.29~~ 99⅛ Line No. 1 = Sta. 0+00.00, Line No. 2 MH 2
Sta. 2+92.~~98~~ Const. MH 8 Standard MH Type A
Line No. 1 See Sheet 3
Remove exist. manhole & abandon sewer in place & plug both ends
Install 45.12 L.F. 8" Pipe
Line No. 1 See Sheet 3
Reserve
50°00'00"
30°00'
Sta. 0+~~48.12~~ 51½ Const. MH 9 Standard MH Type A
Sta. 1+~~50.34~~ 84⅞, Line No. 1 = Sta. 0+00.00, Line No. 3 MH3
CAUTION!!! 24" Storm Drain
Install 1-8" Stub and Plug
20' UTIL. DRAINAGE & STREET ESM'T.
10' UTIL. DRAINAGE & STREET ESM'T.
Line No. 1 See Sheet 3
Sta. 1+02.~~45~~ 8 Const. MH 10 Inside Drop MH Type A
10' UTIL. DRAINAGE & STREET ESM'T.
20' UTILITY, DRAINAGE & STREET EASEMENT
20' UTIL. DRAINAGE & STREET ESM'T.
Install 2-6" Stubs & Plugs (PVC)
85°04'41"
60°00'
20' SAN. SEWER EASEMENT by SEPARATE INSTRUMENT
Sta. ~~6+51.27~~ 7+19², Line No. 1 = Sta. 0+00.00, Line No. 4 MH 5
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
MH 2 Top Elev. 136.~~57~~ 48
MH 8 Top Elev. 136.~~36~~ 10
MH 3 Top Elev. 139.~~06~~ 17
MH 9 Top Elev. 138.~~05~~ 88
MH 5 Top Elev. 144.~~36~~ 74
MH 10 Top Elev. 145.67
Proposed Grade
Exist. Grade
Fl. In = 131.36 From 4" Stub
Fl. In = 131.16 From 8" Stub
Fl. In = 140.0 From 2-6" Stubs
24" Storm Drain
18" Storm Drain
8" Water
Fl. out = 129.06
Fl. in = 129.86
Fl. = 130.26
Fl. = 130.66
Fl. out = 131.05
Fl. out = 130.~~58~~
Fl. in = 130.~~48~~ 28
Fl. out = 130.~~66~~ 73
Fl. out = 135.05
Fl. in = 137.~~26~~ 16
Fl. out = 137.~~78~~ 47
292.98 LF 8" Pipe @ 0.40%
45.12 L.F. 8" Pipe @ 0.40%
102.45 LF 8" Pipe @ 0.40%
150
145
140
135
130
125
0
1
2
3
0
0
1

PROFILE
NOTE BOOK
NO.
SURVEYED
PLOTTED
GRADES CHECKED
B. M.'s NOTED
STRUCTURE NOTAT'NS CH'K'D
BY
DATE

DARREL LYNN MOORE
LICENSED
9055
KANSAS
PROFESSIONAL ENGINEER

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

LINE NOS. 2, 3 & 4

M.E. LINDEBAK, P.E., CITY ENGINEER
CITY OF WICHITA PROJECT NO. 468-76-245-81318-000-000-001

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

Designed by DLM, CAL
Drawn by CAL, DEP
Job No. 34-83555
Date Jan. 1984
Sht. 4 of 4

14 4 3 3 4/4

137.28