CONSTRUCTION PLANS FOR

LATERAL 107, MAIN 2

OF THE

SANITARY SEWER NO. 12

THE CITY OF WICHITA,

SEDGWICK COUNTY, KANSAS

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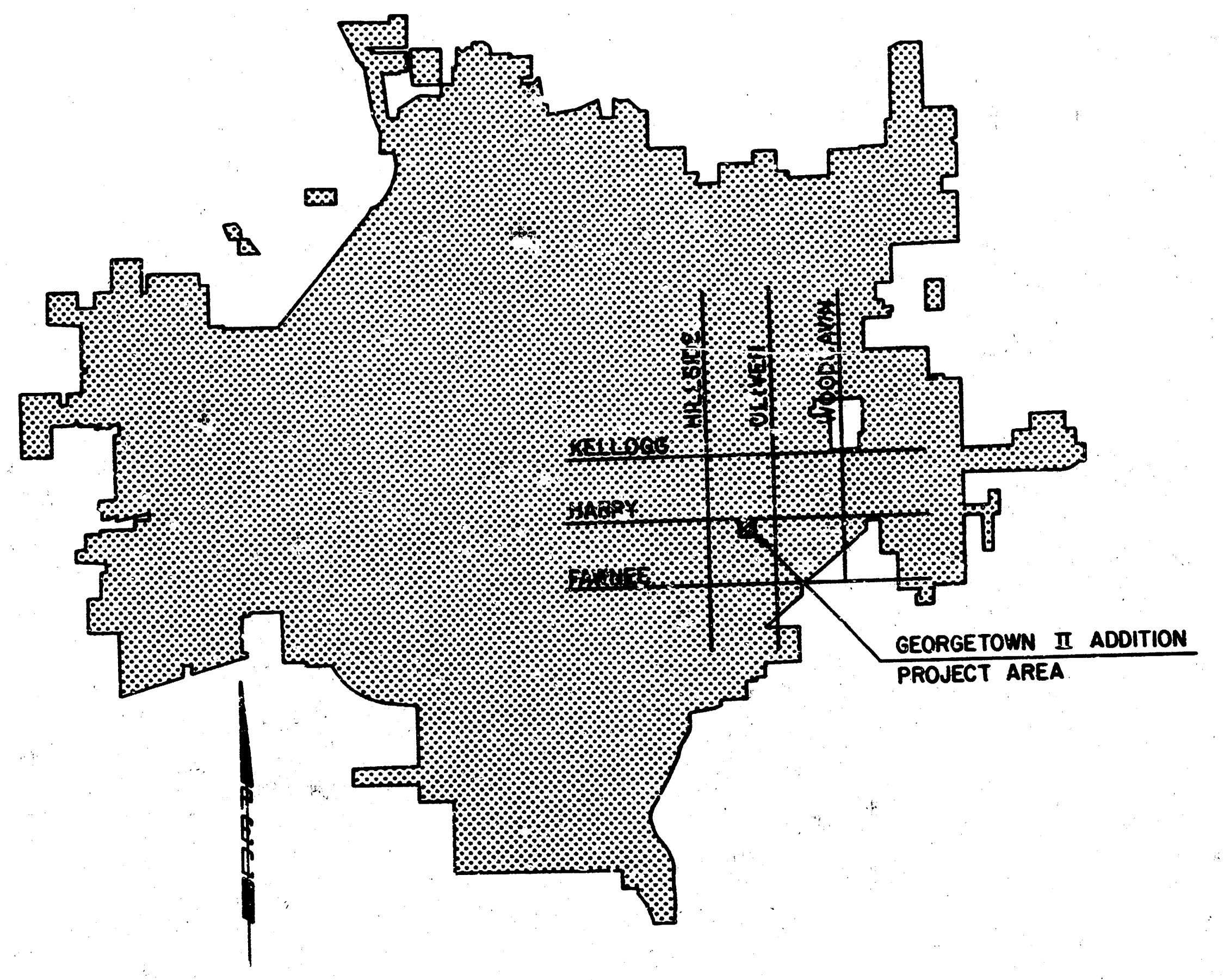

HILLSIDE
OLIVER
WOODLAWN
KELLOGG
HARRY
PAWNEE
GEORGETOWN II ADDITION
PROJECT AREA

LOCATION MAP

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

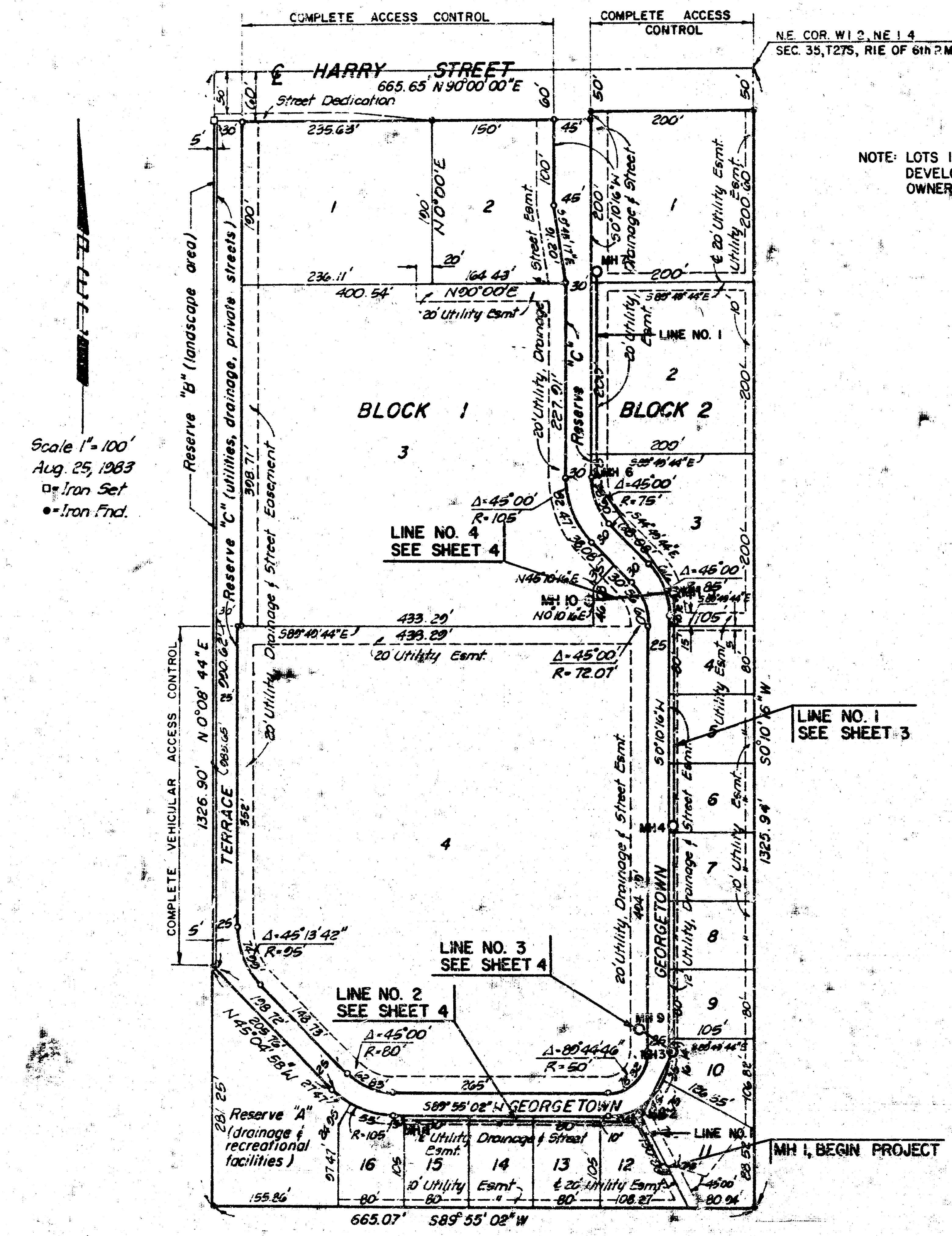
JANUARY, 1984

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'
30
235.63'
150'
45'
200'
5'
190'
N0°00'E
100'
1
2
1
20'
236.11'
164.43'
400.54'
N90°00'E
20' Utility Esmt
Street Esmt.
MH 7
S0°10'16"W
Drainage & Street
20' Utility Esmt.
Utility Esmt.
200.00'
S89°49'44"E
LINE NO. 1
20' Utility Esmt.
Reserve "B" (landscape area)
Reserve "C" (utilities, drainage, private streets)
398.71'
Drainage & Street Easement
20' Utility, Drainage
227.91'
Reserve "C"
BLOCK 1
BLOCK 2
3
2
200'
200'
3
MH 6
Δ=45°00'
R=75'
Δ=45°00'
R=105'
LINE NO. 4
SEE SHEET 4
N45°10'16"E
MH 10
N0°10'16"E
Δ=45°00'
105'
433.29'
S89°49'44"E
433.29'
20' Utility Esmt.
Δ=45°00'
R=72.07'
25
4
COMPLETE VEHICULAR ACCESS CONTROL
1326.90'
N0°08'44"E
TERRACE
20' Utility
352'
4
S0°10'16"W
5
LINE NO. 1
SEE SHEET 3
6
MH 4
7
20' Utility, Drainage & Street Esmt.
404.10'
GEORGETOWN
Utility, Drainage & Street Esmt.
10' Utility Esmt.
S0°10'16"W
1325.94'
8
9
5'
25
Δ=45°13'42"
R=95
LINE NO. 3
SEE SHEET 4
LINE NO. 2
SEE SHEET 4
MH 9
Δ=45°00'
R=80'
Δ=89°44'46"
R=50'
MH 13
10
138.72'
148.73'
205.78'
N45°04'58"W
62.83'
265'
136.55'
S89°55'02"W GEORGETOWN
Reserve "A" (drainage & recreational facilities)
R=105
Utility, Drainage & Street Esmt.
10'
LINE NO. 1
MH 1, BEGIN PROJECT
11
16
15
14
13
12
10' Utility Esmt.
& 20' Utility Esmt.
155.86'
80'
80'
80'
108.27'
80.94'
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.

DARREL LYNN MOORE
LICENSED
9055
KANSAS
PROFESSIONAL ENGINEER

No.	Revision	By	Date

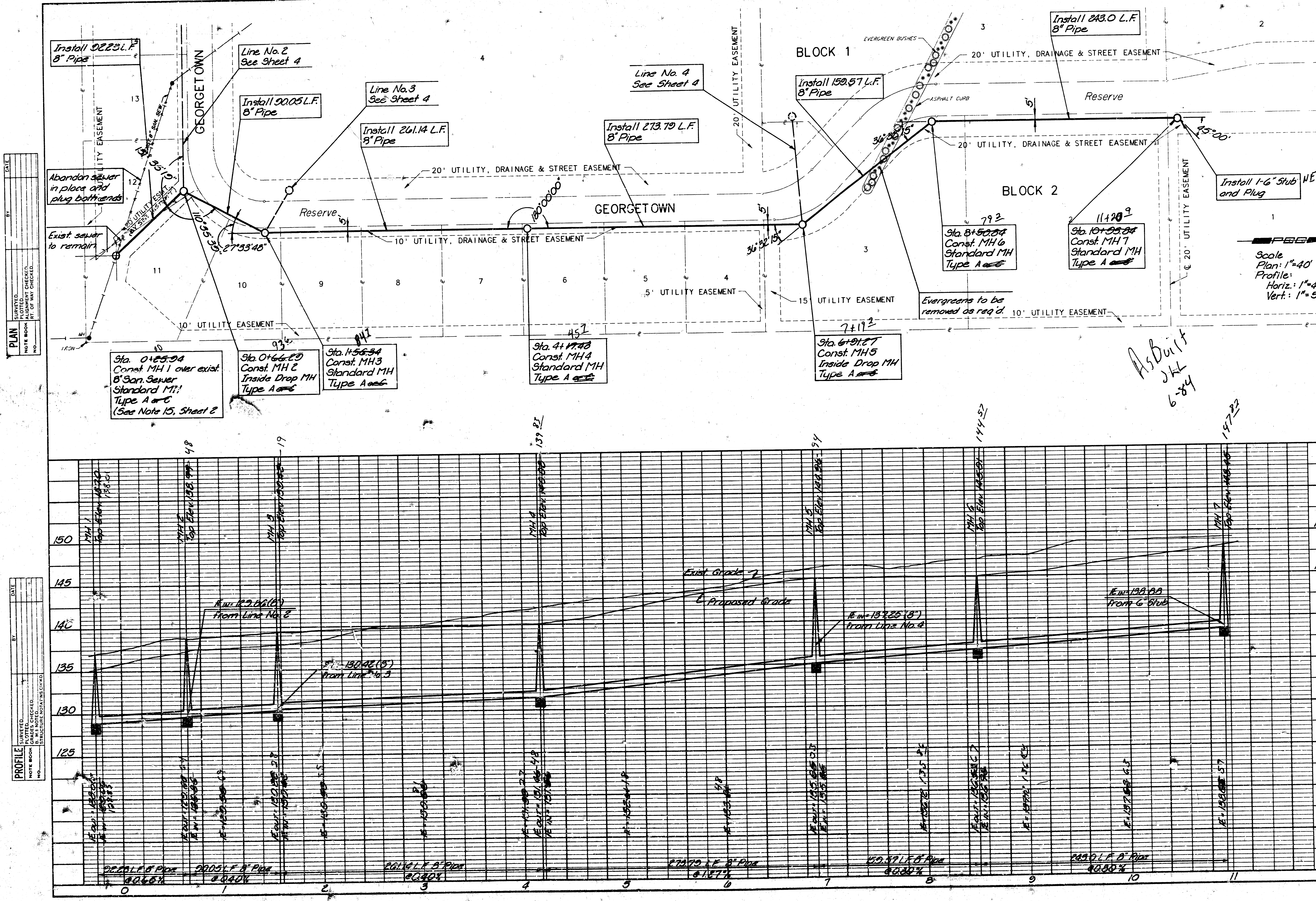
CITY OF WICHITA, KANSAS
LATERAL 107, MAIN 2, SAN. SEWER NO. 12

KEY MAP & GENERAL NOTES

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

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

Designed by DLM, CAL	Job No. 54-85553	Sht. 2/4 4
Drawn by DEP	Date Dec. 1983	


PLAN
NOTE BOOK
NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
BY
DATE
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
Line No. 4 See Sheet 4
Install 273.79 L.F. 8" Pipe
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
20' UTILITY EASEMENT
10' UTILITY EASEMENT
5' UTILITY EASEMENT
15' UTILITY EASEMENT
20 UTILITY ESMT.
EXIST. 8" SAN. SEW.
Abandon sewer in place and plug both ends
Exist. sewer to remain
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~~ 841 Const. MH3 Standard MH Type A ~~or C~~
Sta. 4+~~17.48~~ 451 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~~
Evergreens to be removed as req'd.
IRON
MH
PEC
Scale
Plan: 1"=40'
Profile:
Horiz.: 1"=40'
Vert.: 1"=5'
As Built JLL 6-84
PROFILE
STRUCTURE NOTATIONS CHK'D
GRADES CHECKED
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=129.66(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 @0.66%
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%
125
130
135
140
145
150
0
1
2
3
4
5
6
7
8
9
10
11

DARREL LYNN MOORE
905
PROFESSIONAL ENGINEER

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

LINE NO. 1

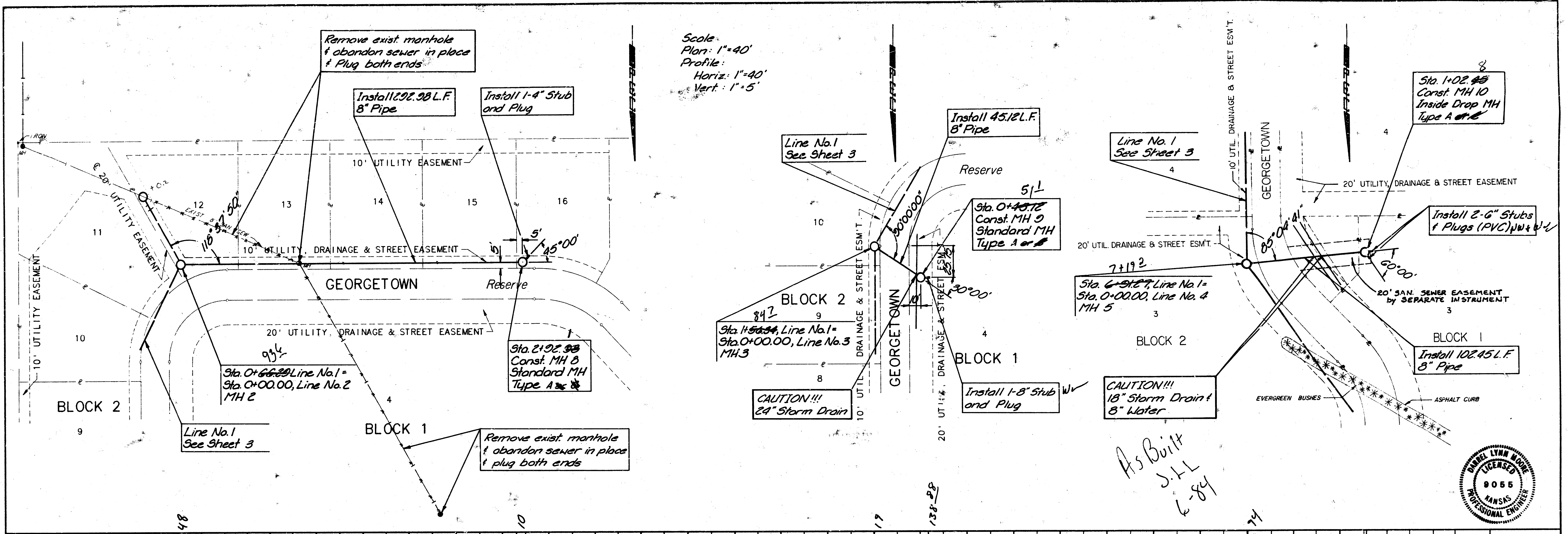
M.E. LINDEBAK, P.E., CITY ENGINEER
CITY OF WICHITA PROJECT NO. 468-76-245-81318-000-000-001

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

Job No. 34-85583
Date Jan. 1984
Designed by DLM, CAL
Drawn by CAL, DEP
Sht. 3 of 4

3/4

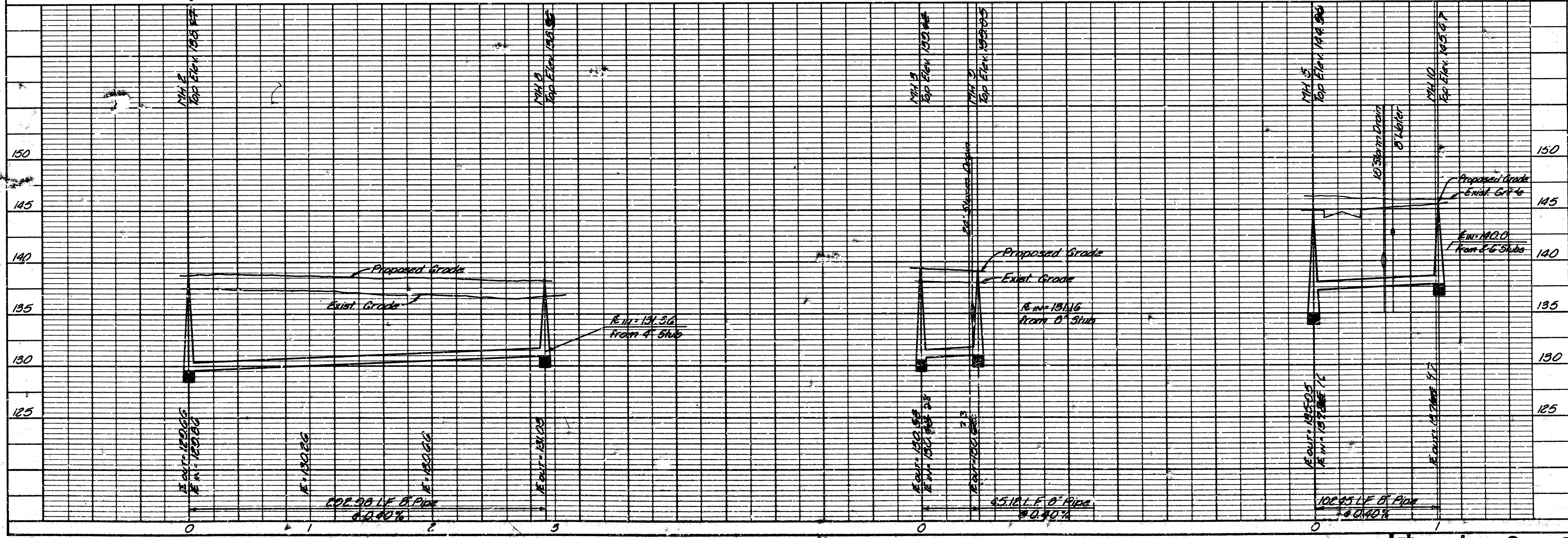
PLAN		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
NO.	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		


Remove exist. manhole
¢ obandon sewer in place
¢ Plug both ends
Install 292.98 L.F.
8" Pipe
Install 1-4" Stub
and Plug
IRON
MH
℄ 20' UTILITY EASEMENT
+0.2
EXIST. 8" SAN. SEW.
118°37'50"
10' UTILITY EASEMENT
10' UTILITY, DRAINAGE & STREET EASEMENT
5'
5'
45°00'
11
12
13
14
15
16
10
9
4
BLOCK 2
BLOCK 1
GEORGETOWN
Reserve
20' UTILITY, DRAINAGE & STREET EASEMENT
10' UTILITY EASEMENT
934
Sta. 0+~~66.29~~ Line No. 1 =
Sta. 0+00.00, Line No. 2
MH 2
Line No. 1
See Sheet 3
Sta. 2+92.~~98~~
Const. MH 8
Standard MH
Type A
Remove exist. manhole
¢ obandon 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
51
Sta. 0+~~45.12~~
Const. MH 9
Standard MH
Type A ~~or B~~
90°00'00"
30°00'
10'
25.15
10' UTIL. DRAINAGE & STREET ESM'T.
20' UTIL. DRAINAGE & STREET ESM'T.
GEORGETOWN
BLOCK 2
BLOCK 1
10
9
8
4
847
Sta. 1+~~56.34~~, Line No. 1 =
Sta. 0+00.00, Line No. 3
MH 3
CAUTION!!!
24" Storm Drain
Install 1-8" Stub
and Plug
Wv
Line No. 1
See Street 3
10' UTIL. DRAINAGE & STREET ESM'T.
GEORGETOWN
20' UTILITY, DRAINAGE & STREET EASEMENT
20' UTIL. DRAINAGE & STREET ESM'T.
85°04'41"
60°00'
20' SAN. SEWER EASEMENT
by SEPARATE INSTRUMENT
7+19 2
Sta. ~~6+91.27~~, Line No. 1 =
Sta. 0+00.00, Line No. 4
MH 5
8
Sta. 1+02.~~45~~
Const. MH 10
Inside Drop MH
Type A ~~or C~~
Install 2-6" Stubs
¢ Plugs (PVC) Ww ¢ Wv
4
3
3
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

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


150
145
140
135
130
125
48
MH 2
Top Elev. 138.~~27~~
10
MH 8
Top Elev. 138.~~52~~
Proposed Grade
Exist. Grade
IE IN = 131.36
from 4" Stub
IE OUT = 129.66
IE IN = 129.86
IE = 130.26
IE = 130.66
IE OUT = 131.09
292.98 LF 8" Pipe
@ 0.40%
0
1
2
3
19
MH 3
Top Elev. 139.~~02~~
138.88
MH 9
Top Elev. ~~139.05~~
24" Storm Drain
Proposed Grade
Exist. Grade
IE IN = 131.16
from 8" Stub
IE OUT = 130.~~58~~
IE IN = 130.~~48~~ 28
23
IE OUT = 130.~~46~~
45.12 L.F. 8" Pipe
@ 0.40%
0
74
MH 5
Top Elev. 144.~~96~~
MH 10
Top Elev. 145.67
18" Storm Drain
8" Water
Proposed Grade
Exist. Grade
IE IN = 140.0
from 2-6" Stubs
IE OUT = 135.05
IE IN = 137.~~76~~ 16
IE OUT = 137.~~46~~ 47
102.45 L.F. 8" Pipe
@ 0.40%
0
1
150
145
140
135
130
125

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

Sh. 4 of 4

4/4

14 4 3 3

137.28