CONSTRUCTION PLANS FOR

LATERAL 8, MAIN 9

OF THE

SOUTHWEST INTERCEPTOR SEWER

THE CITY OF WICHITA,
SEDGWICK COUNTY, KANSAS

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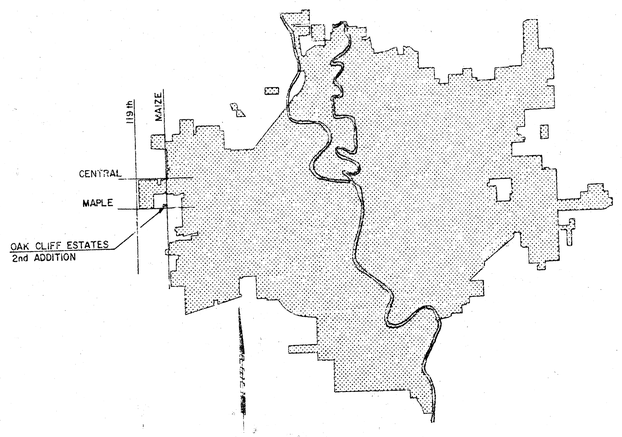


LOCATION MAP

As Built
11/81

CITY OF WICHITA PROJECT NO. 468-76-245-81118-000-000-001

MAY 1981

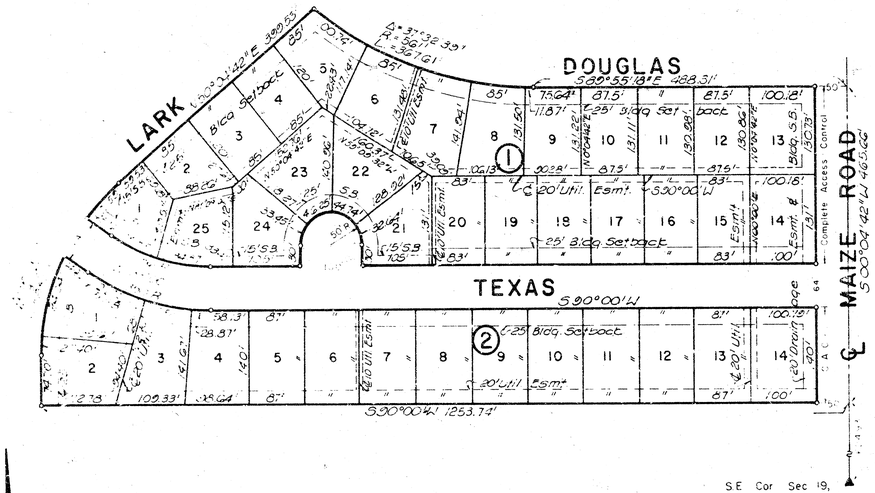
PLANS PREPARED BY

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

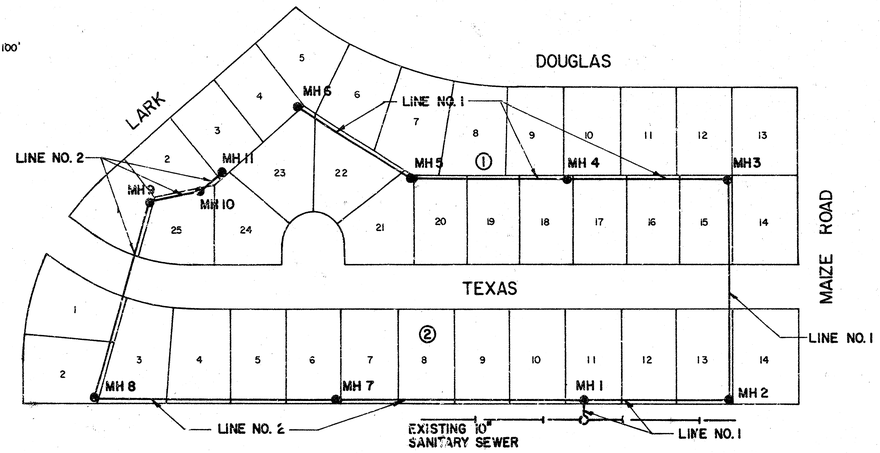
OAK CLIFF ESTATES 2nd ADDITION

TO WICHITA SEDGWICK COUNTY KANSAS

A REPLAT OF LOT 4, BLK 20, OAK CLIFF ESTATES, WICHITA, SEDGWICK COUNTY, KANSAS



SCALE 1" = 100'



SEWER LINE SCHEDULE	
LINE NO.	SHEET NO.
1	3&4
2	4&5

GENERAL NOTES

1. PRESERVATION OF PROPERTY IRONS. 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 APPLICABLE STATE LAWS.
2. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF THE EXISTING 8" SANITARY SEWER AT THE BEGINNING OF LINE NO'S. 1, 2. IF ANY DISCREPANCIES ARE FOUND REGARDING FIELD LOCATIONS AND PLAN LOCATIONS IN THESE AREAS, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR THE NECESSARY FIELD ADJUSTMENT CALCULATIONS PRIOR TO PROCEEDING.
3. ALL CONSTRUCTION AND MATERIALS TO COMPLY WITH CITY OF WICHITA SPECIFICATIONS AND STANDARDS.
4. SEWER LINES TO BE INSPECTED BY THE DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION.
5. AT LEAST 48 HOURS PRIOR TO BEGINNING EXCAVATION (EXCLUDING WEEKENDS AND HOLIDAYS), THE CONTRACTOR SHALL CONTACT THE UTILITY LOCATION SERVICE "KAN-U-DIG-IT" AT (316)267-2689 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, AND THE WICHITA WATER DEPARTMENT.
6. EXCESS EXCAVATED MATERIAL AND OTHER DEBRIS SHALL BE WASTED AS DIRECTED BY THE ENGINEER.
7. ALL PROPERTY IRONS DISTURBED BY THE CONTRACTOR SHALL BE RESET AT THE CONTRACTOR'S EXPENSE AS DIRECTED BY THE ENGINEER.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING CONTINUOUS FLOW OF SEWAGE THROUGH THE EXISTING SEWERS DURING CONSTRUCTION. THE CONTRACTOR'S PROPOSED METHOD FOR MAINTAINING SEWAGE FLOW SHALL BE APPROVED BY THE ENGINEER. ANY COST OF MAINTAINING FLOW OF SEWAGE DURING CONSTRUCTION WILL NOT BE PAID FOR DIRECTLY BUT SHALL BE CONSIDERED SUBSIDIARY TO THE OTHER ITEMS OF WORK.
9. ALL ELEVATIONS SHOWN ARE CITY OF WICHITA DATUM. (USGS-1187.4=CITY DATUM)

BENCH MARKS

BM - MAIZE ROAD AND MAPLE. CITY OF WICHITA BENCH MARK DISC 43.5' SOUTH AND 52.7' EAST OF CENTER LINE BOTH. ELEV.=133.20

TBM - TOP OF IRON AT P.C. OF NORTH LINE LOT 1, BLK. 2 OAK CLIFF ESTATES 2ND ADDITION. ELEV.=142.42

MICHAEL A. SCHUMACHER LICENSED 6778 KANSAS PROFESSIONAL ENGINEER

No.	Revision	By	Date

CITY OF WICHITA, KANSAS
LATERAL 8, MAIN 9
SOUTHWEST INTERCEPTOR SEWER

KEY MAP AND FINAL PLAT

OAK CLIFF ESTATES 2nd ADDITION
C. OF W. PROJECT NO. 468-76-245-811(8-000-000-001

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

Designed by MDS | Job No. 34-81111-1 | Sht. 2 of 5
Drawn by GD, CL | Date May 1981

836

Sta. 0+56.63 ✓
Const. MH 1
Standard MH
Type ~~B or~~ C

Sta. 2+~~84.13~~
Const. MH 2
Standard MH
Type ~~A or~~ C

TEXAS

OAK CLIFF ESTATES 2nd ADDITION

Line No. 1

℄ 20' Utility Easement

5'

89°57'03"

15'-20' Util. Esmt.

28.5'

20' Utility Easement

180°00'

Line No. 2

Line No. 1

5'

Exist. 10" San. Sewer

20' Util. Esmt.

Install 227.5 L.F. 8" Pipe

Identical Points

Install 30.0 L.F. 8" Pipe

Location of exist. MH is approx. Contractor shall verify location prior to const. Adjacent pipe length may be effected

Sta. 0+26.63 ✓
Connect to exist. stub

079

Sta. 6+~~55.13~~
Const MH 3
Standard MH
Type ~~A or~~ C

TEXAS

Line No. 1

℄ 20' Utility Easement

5'

90°02'57"

45°00'

Install 1-4" Stub and plug

Identical Points

Install 325.0 L.F. 8" Pipe

20' Drainage Easement

Iron

OAK CLIFF ESTATES 2nd ADDITION

TEXAS

2

Sta. 8+63.51
Const. MH 4
Standard MH
Type ~~A or~~ C

Line No. 1

℄ 20' Utility Easement

Line No. 2

5'

90°02'57"

45°00'

180°00'

Install 254.38 L.F. 8" Pipe

OAK CLIFF ESTATES 2nd ADDITION

DOUGLAS

SCALE

PLAN: Lat. & Long. 0 20 30 40 50 60 70 80 90 100

PROFILE: Horiz. same as above

Vertical 5 4 3 2 1 0

MICHAEL D. SCHOMAKER LICENSED 6778 KANSAS PROFESSIONAL ENGINEER

Sta. 0+26.63 Exist. MH Top El. 138.24

Sta. 0+56.63 MH 1 Top El. 139.1

Sta. 2+84.13 MH 2 Top El. 136.9

Sta. 6+09.13 MH 3 Top El. 135.5

Sta. 8+63.51 MH 4 Top El. 139.4

Future Ground

Existing Ground

E In = 127.21 (8) from Line No. 2

E In = 127.36 (4) from 4" Stub

E Out = 127.03

E In = 127.03

E = 125.00

E = 125.79

E = 125.39

E = 126.18

E In = 126.23

E = 126.53

E = 127.09

E = 127.63

E = 127.99

E = 128.38

E = 128.65

227.5 L.F. 8" Pipe @ 0.40%

325.0 L.F. 8" Pipe @ 0.40%

254.38 L.F. 8" Pipe @ 0.40%

0:00 1:00 2:00 3:00 4:00 5:00 6:00 7:00 8:00 9:00

145 140 135 130 125

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS
Job No. 34-87111-042
Designed by MDS Date May 1987
Drawn by GO

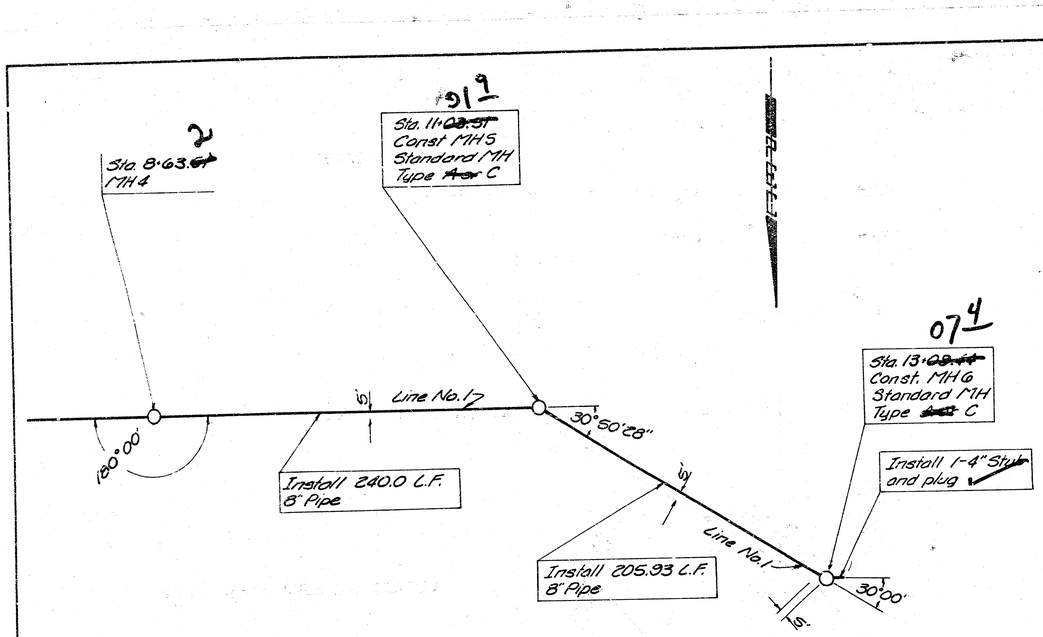
CITY OF WICHITA, KANSAS
LATERAL B - MAIN 9
SOUTHWEST INTERCEPTOR SEWER

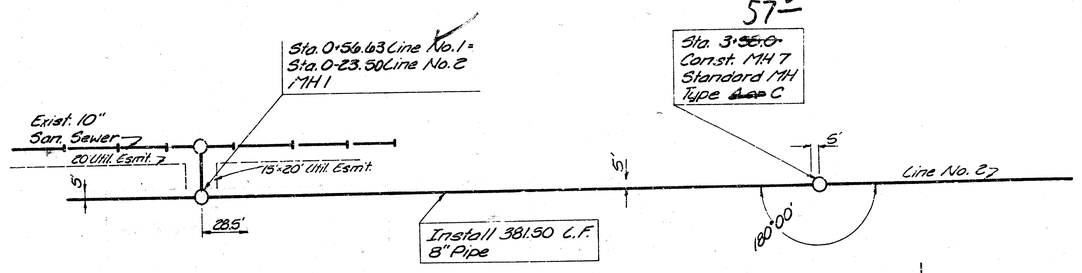
LINE NO. 1

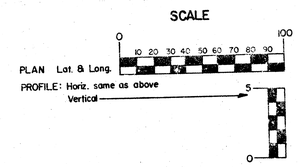
OAK CLIFF ESTATES 2nd ADDITION
C.O.E.W. PROJECT NO. 468-82-2-61 (IFB 0000-001)

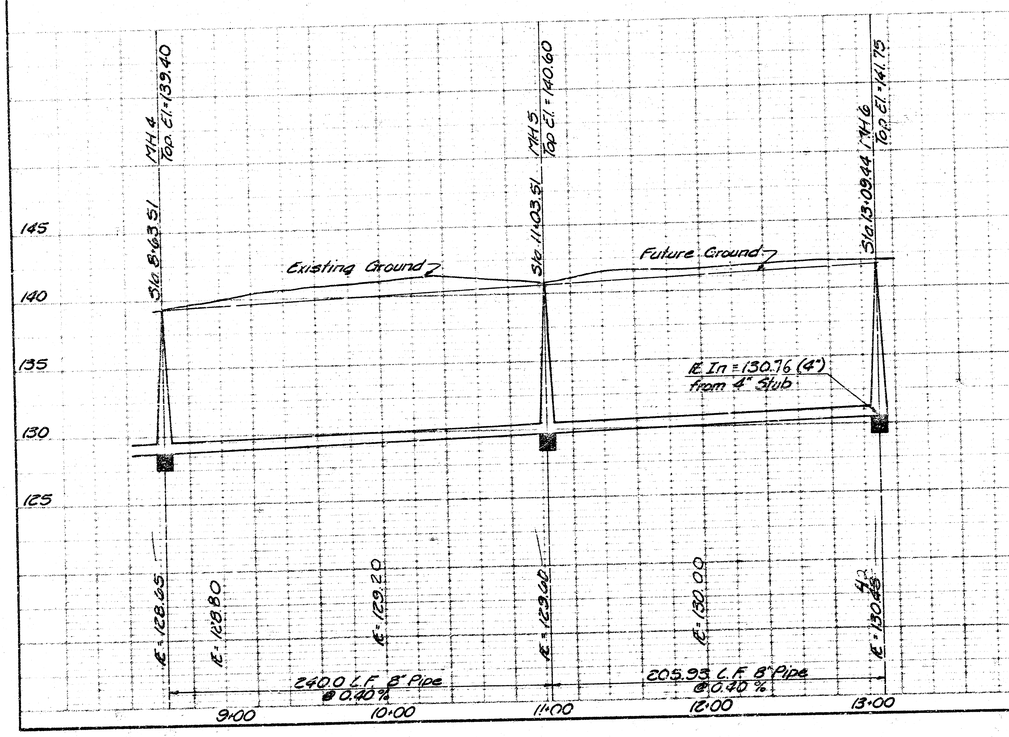
SH 3 of 3

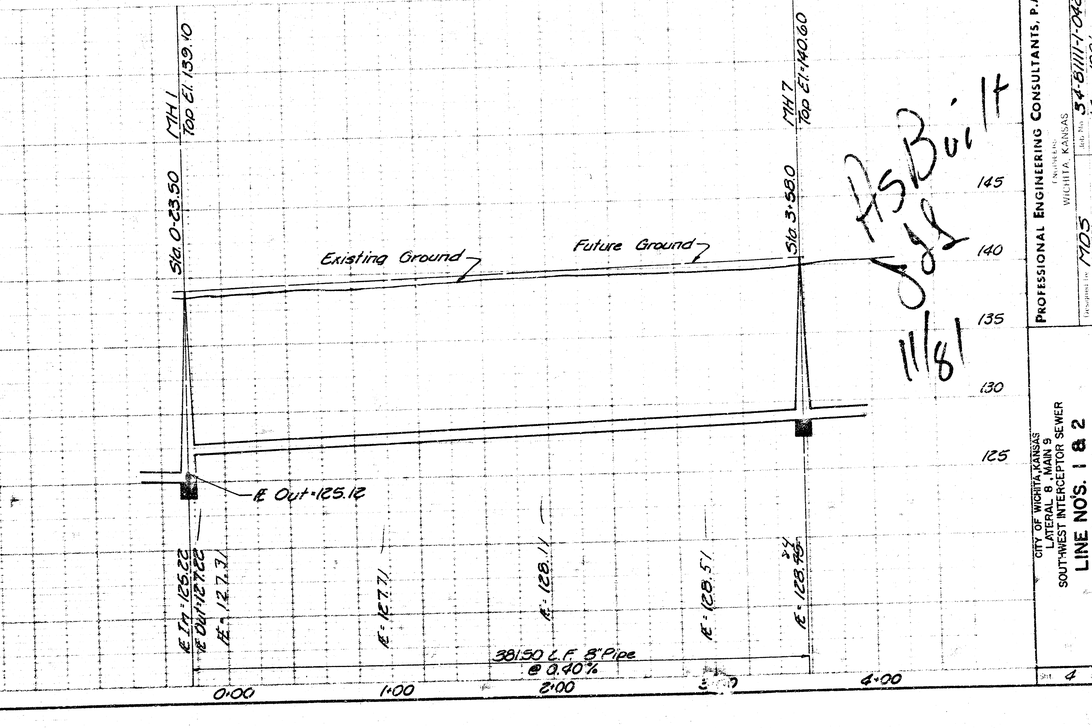
As Built
11/87











As Built
5/81
11/81

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
CONSULTING ENGINEERS
WICHITA, KANSAS
Job No. 34-81111-1-042
Date May 1981
Designed by JMS
Drawn by GO

CITY OF WICHITA, KANSAS
LATERAL A, MAIN A
SOUTHWEST INTERCEPTOR SEWER
LINE NOS. 1 & 2
OAK CLIFF ESTATES 2nd ADDITION
C. OF W. PROJECT NO. 468-76-34-81118-0000-000-001

MICHAEL D. SCHRIMPER
LICENSED
No. 6178
PROFESSIONAL ENGINEER

21 4

Sta. 3+56.0
MH 7

Line No. 27

180°00'

Install 380.67 L.F.
8" Pipe

398

Sta. 7+38.67
Const. MH 8
Standard MH
Type ~~A or~~ C

107°00'11"

5'

Line No. 27

Identical Points

107°00'11"

546

Sta. 10+53.48
Const. MH 9
Standard MH
Type ~~A or~~ C

Line No. 27

Install 314.81 L.F.
8" Pipe

Line No. 27

68°08'50"

5'

Install 79.83 L.F.
8" Pipe

Install 33.58 L.F.
8" Pipe

35°04'19"

45°00'

5'

7

Sta. 11+33.31
Const. MH 10
Standard MH
Type ~~A or~~ C

672

Sta. 11+66.89
Const. MH 11
Standard MH
Type ~~A or~~ C

Install 1-4" Stub
and plug

PEC

SCALE

PLAN: Hor. & Long. 0 10 20 30 40 50 60 70 80 90 100

PROFILE: Horz. same as above
Vertical 5 4 3 2 1 0

LICENSED
6778
KANSAS
PROFESSIONAL ENGINEER

MH 7
Top El: 1140.60

Sta. 3+56.0

MH 8
Top El: 1141.80

Sta. 7+38.67

MH 9
Top El: 1142.4

Sta. 10+53.48

MH 10
Top El: 1142.6

Sta. 11+33.31

MH 11
Top El: 1142.3

Sta. 11+66.89

Future Ground Z

Existing Ground Z

E In = 132.51 (4)
from 4" Stub

145
140
135
130
125

E: 128.24
E: 128.94
E: 129.82
E: 129.72
E: 130.42
E Out = 130.32
E In = 130.32
E: 130.62
E: 131.02
E: 131.62
E Out = 131.62
E In = 131.42
E: 131.92
E: 132.05
E: 132.42

380.67 L.F. 8" Pipe @ 0.40%

314.81 L.F. 8" Pipe @ 0.40%

79.83 L.F. 8" Pipe @ 0.40%

33.58 L.F. 8" Pipe @ 0.40%

4+00 5+00 6+00 7+00 8+00 9+00 10+00 11+00 12+00

As Built
11/81
MF

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
Designed: WICHITA, KANSAS
Job No. 34-81111-042
Drawn: MDS
Date: May 1981
Checked: GD

CITY OF WICHITA, KANSAS
LATERAL A, MAIN 9
SOUTHWEST INTERCEPTOR SEWER
LINE NO. 2
OAK RIDGE ESTATES, 2nd ADDITION
NO. 468-76-24-5-81118-000-000-001
C.O.F.W. PROJ.

Sht. 5 of 5