B.M. 123.62 R.R. spike on East side of 3 P. poles 150'± So. of 0+00 manhole

NOTE TO CONTRACTOR

This project will be constructed under the supervision of the CITY ENGINEER and conformed to the SPECIFICATIONS of the CITY OF WICHITA. The Contractor will be required to comply with all rules and regulations of the City Engineer and Inspectors.

Scale 1"=40'

N

Sta. 0+00. Exist. conc. manhole with 8" stub southwest.

Sta. 2+20. Constr. std. brick manhole type A.

Sta. 4+98. Constr. std. brick manhole type A.

Sta. 7+50 Constr. std. brick manhole type A.

Sta. 9+74. Constr. std. brick manhole type A.

Sta. 12+74. Constr. std. brick manhole type A.

Exist. 30" Sanitary Sewer

20' Easement

10'

Lane

30' 30'

Wayside Lane

Line No. 1

Winterset

Linder St.

Newell St.

Fraizer Lane

Country Acres

Sixth Addn.

Lane

Line No. 1

Line No. 2 See Sheet No. 2

GENERAL NOTES:

Trees are not shown on plans. Contractor should inspect the site to determine the extent that the trees will become a factor in the construction of the sewer.

Field Engineer to verify elevation of stub in manhole at Sta. 0+00 line No. 1 prior to staking sewer.

Four inch stubs are to be installed in manholes when required.

The tops of manholes shall be set to elevations required by housing contractor, Pate Construction Co., except where elevations are shown on profile of plans.

Plan Scale 1"=40'
Profile Scale Horz. 1"=40'
Vert. 1"=4'

135
125
115

Sta. 0+00. Exist. conc. manhole with 8" stub southwest.

Sta. 2+20. Constr. std. brick manhole type A.

Sta. 4+98. Constr. std. brick manhole type A.

Sta. 7+50 Constr. std. brick manhole type A.

Sta. 9+74. Constr. std. brick manhole type A.

Sta. 12+74. Constr. std. brick manhole type A.

Prop. Top of Curb Wayside Lane. Set Top M.H. to match exist. ground.

Exist. Ground

Line No. 1

Prop. Top of Curb Wayside Lane. Set Top M.H. to match exist. ground.

set top manhole Elev. 128.57

Prop. Top of Curb Wayside Lane

Set top manhole Elev. 133.33

Prop. Top of Curb Wayside Lane.

220 L.F. Conc. Encasement

498 L.F. 8" Clay Pipe @ 0.7%

476 L.F. 8" Clay Pipe @ 1.0%

L.F. 8" Clay Pipe @ 0.7%

0+00 Flow Out = 108.80
Flow In = 112.50

1+00 Flow = 113.20

2+00 Flow = 113.90

2+20 Flow Out = 114.04
Flow In = 114.14

3+00 Flow = 114.70

4+00 Flow = 115.40

4+98 Flow Out = 116.09
Flow In = 117.89

6+00 Flow = 118.91

7+00 Flow = 119.91

7+50 Flow = 120.41

8+00 Flow = 120.91

9+00 Flow = 121.91

9+74 Flow Out = 122.55
Flow In = 122.64

10+00 Flow = 126.72

11+00 Flow = 127.42

12+00 Flow = 128.12

12+74 Flow Out = 128.69
Flow In = 128.79

LAT. 40. S. W. INT. SEWER

CITY OF WICHITA, KANSAS
B. E. SMITH, CITY ENGINEER
SHEET NO. 1 OF 3
DATE: MARCH 1971

B.M. 176.74 R.R. Spike E.S. of P.P. on W.S. of Ridge Road at S.L. on Newell St.

Sta. 12+79. Constr. std. brick manhole Type A.

Sta. 14+23. Constr. std. brick manhole Type A.

Sta. 15+80. Constr. std. brick manhole Type A.

Sta. 18+88. Line No. 1 equals Sta. 0+00 Line No. 3. Constr. std. brick manhole Type A.

Sta. 21+88 Line No. 1 equals Sta. 0+00 Line No. 2. Constr. std. brick manhole Type A.

Sta. 22+28. Constr. std. brick manhole Type A.

Sta. 24+10. Constr. std. brick manhole Type A.

Sta. 24+85. Constr. std. brick manhole Type A.

Sta. 27+85. Constr. std. brick manhole Type A. Install 4" stub west.

Line No. 1.

Line No. 2. See sheet no. 3.

Line No. 3. See sheet no. 3.

16' Easement.

8' Easement

10' Easement.

12' Easement

Lane

Freeman

Country

Acres

Wayside

Fraizer

Summitlown

Ridge

Sixth

Addn.

Newell

Road

Street

Iron

Hub

Scale 1"=40'

N

Plan Scale 1"=40'
Profile Scale Horz. 1"=40'
Vert. 1"=4'

150

140

130

Exist. Ground

Set Top M.H. Elev. 140.00.

Prop. Top of Curb Freeman Lane

Prop. Top of Curb Fraizer Lane

Prop. Top of Curb Summitlown Lane

Line No. 1

914 L.F. 8" Clay Pipe @ 0.2%

297 L.F. 8" Clay Pipe @ 0.4%

Flow In Line No. 3 = 134.17

Flow In Line No. 2 = 130.97

12+79 Flow Out = 128.68 Flow In = 128.78

13+00 Flow = 128.79

14+00 Flow = 128.89

14+23 Flow Out = 129.04 Flow In = 129.14

15+00 Flow = 129.29

15+80 Flow Out = 129.45 Flow In = 129.55

16+00 Flow = 129.59

17+00 Flow = 129.79

18+00 Flow = 129.99

18+88 Flow Out = 130.17 Flow In = 130.27

20+00 Flow = 130.49

21+00 Flow = 130.69

21+88 Flow Out = 130.87 Flow In = 134.87

23+28 Flow Out = 135.03 Flow In = 139.03

23+00 Flow = 139.32

24+10 Flow Out = 139.76 Flow In = 139.86

24+85 Flow = 140.16

LAT. 40, S. W. INT. SEWER
SHEET NO. 2 OF 3

Sta. 0+00 Line No. 2 equals Sta. 2+88 Line No. 1. Constr. std. brick manhole type A.

Sta. 3+15. Constr. std. brick manhole type A. Install 4" c/o. stub S.E. and 6" cast iron stub N.E.

N

Scale 1"=40'

Newell Street

Country Acres 13 12 11 10 9 8

Summitlawn Lane

Line No. 1.

Line No. 2.

19 16 17 18 19 & 20 Addn.

15' Easement

15

Fraizer Lane

Line No. 1.

Δ=13°35' R=790.19' 92.75'

Δ=15°00' R=241.40' 63.25'

Δ=15°00' R=481.40' 126.03'

R=550.19' Δ=13°35' 78.02'

Iron Hub 120' 75' 82.5' 78' 40' 10.10' 39.42' 65.40' 65.98' 80.72' 101.78' 68.12' 22.85' 75.02' 28.85' 42.03' 24.8' 33.31' 94.06' 122.71' 122.64' 122.84' 122.71' 122.84' 122.71' 122.84' 122.71