B.M. 99.62 City Standard N.E. cor. Meridian and 27th Street South.

Sta. 0+00 Line No. 1. Install Flared End Section. Sta. 0+00.1 Begin 15" R.C.P.

Sta. 0+00 Line No. 2. Install Flared End Section. Sta. 0+06.1 begin 15" R.C.P.

Sta. 5+14 Line No. 2. Constr. Reinf. Conc. Drop Inlet. See Sh. #2 for detail.

Sta. 5+14 Line No. 2. Constr. Reinf. Conc. Drop Inlet. See Sh. #2 for detail.

Wildwood Lane

Richmond Ave.

Meridian Ave.

Richmond Court

Blk. 1
Meridian Village

12' Drainage Eas'mt.

20' Utility Eas'mt.

8" San. Sewer

Line No. 1.

Line No. 2.

Sta. 1+23 Line No. 1. Constr. Reinf. Conc. Drop Inlet. See Sh. #2 for detail.

Sta. 4+23.5 Line No. 1. Constr. Reinf. Conc. Drop Inlet. See Sh. #2 for detail.

Sta. 2+88 Line No. 2. Constr. Reinf. Conc. Drop Inlet. See Sh. #2 for detail.

Sta. 1+88 Line No. 2. Constr. Reinf. Conc. Drop Inlet. See Sh. #2 for detail.

Sta. 0+78 Line No. 2. Constr. Reinf. Conc. Drop Inlet. See Sh. #2 for detail.

NOTE TO CONTRACTOR

This project will be constructed under the supervision of the CITY ENGINEER and conformance to the SPECIFICATIONS of the CITY OF WICHITA. The Contractor will reimburse the City of Wichita for the cost of inspection.

Plan Scale 1"=20'
Profile Scale Horiz. 1"=20'
Vert. 1"=4'

Sta. 0+00 Line No. 1. Install Flared End Section. Sta. 0+06.1 Begin 15" R.C.P.

Sta. 1+28 Line No. 1. Constr. Reinf. Conc. Drop Inlet.

Sta. 2+22 Line No. 1. Constr. Reinf. Conc. Drop Inlet.

Sta. 4+22.5 Line No. 1. Constr. Reinf. Conc. Drop Inlet.

Sta. 5+28.5 Line No. 1. Constr. Reinf. Conc. Drop Inlet.

Sta. 0+00 Line No. 2. Install Flared End Section. Sta. 0+06.1 Begin 15" R.C.P.

Sta. 0+78 Line No. 2. Constr. Reinf. Conc. Drop Inlet.

Sta. 1+88 Line No. 2. Constr. Reinf. Conc. Drop Inlet.

Sta. 2+88 Line No. 2. Constr. Reinf. Conc. Drop Inlet.

Sta. 4+14 Line No. 2. Constr. Reinf. Conc. Drop Inlet.

Sta. 5+14 Line No. 2. Constr. Reinf. Conc. Drop Inlet.

Exist. Ground

Sand Fill or Flush

Top of Inlet Elev. 97.00

Top of Inlet Elev. 96.80

Top of Inlet Elev. 97.30

Top of Inlet Elev. 97.70

Line No. 1

222 L.F. 15" R.C.P.

306.5 L.F. 12" R.C.P.

188 L.F. 15" R.C.P. @ 0.3%

326 L.F. 12" R.C.P. @ 0.3%

Top of Inlet Elev. 98.60

Top of Inlet Elev. 98.80

Top of Inlet Elev. 100.90

Top of Inlet Elev. 100.30

Top of Inlet Elev. 100.10

Line No. 2

100

90

0+00 Flow = 97.00

1+00 Flow = 97.16

1+28 Flow = 97.20

2+00 Flow = 97.28

2+22 Flow Out = 97.30
2+22 Flow In = 97.30

3+00 Flow = 97.38

4+00 Flow = 97.48

4+23.5 Flow = 97.50

5+00 Flow = 97.58

5+28.5 Flow = 97.67

0+00 Flow = 96.00

0+78 Flow = 96.23

1+00 Flow = 96.30

1+28 Flow Out = 96.35
2+00 Flow In = 96.81
2+00 Flow Out = 96.85

2+88 Flow = 97.11

3+00 Flow = 97.15

4+00 Flow = 97.45

4+14 Flow = 97.49

5+00 Flow = 97.75

5+14 Flow = 97.79

MERIDIAN VILLAGE STORM WATER SEWER

CITY OF WICHITA, KANSAS
B. E. SMITH, CITY ENGINEER
PRIVATE CONTRACT
DATE: APRIL 1969
SH. NO. 1 OF 2

Sta. 0+00 Line No. 3. Install Flared End Section. Sta. 0+06.1 begin 15" R.C.P.

Sta. 5+12 Line No. 3. Constr. Reinf. Conc. Drop Inlet. See detail this sheet.

27th Street South

Ave.

Meridian

Richmond Ave.

Blk. 2
Meridian Village

70'

30'

30'

50'R

92.15'

92.74'

12' Drainage Easmt.

85.5'

86'

100'

126'

100'

25'

25.5'

8" San. Sewer

20' Utility Easmt.

55.5'

Line No. 3

110'

114'

120'

541.5'

70'

Wildwood

Sta. 1+86 Line No. 3. Constr. Reinf. Conc. Drop Inlet. See detail this sheet.

Sta. 1+90 Line No. 3. Constr. Reinf. Conc. Drop Inlet. See detail this sheet.

Lane

Sta. 4+12 Line No. 3. Constr. Reinf. Conc. Drop Inlet. See detail this sheet.

Sta. 3+86 Line No. 3. Constr. Reinf. Conc. Drop Inlet. See detail this sheet.

Sta. 0+00 Line No. 3. Install Flared End Section. Sta. 0+06.1 begin 15" R.C.P.

Sta. 1+00 Line No. 3. Constr. Reinf. Conc. Drop Inlet.

Sta. 1+86 Line No. 3. Constr. Reinf. Conc. Drop Inlet.

Sta. 3+86 Line No. 3. Constr. Reinf. Conc. Drop Inlet.

Sta. 4+12 Line No. 3. Constr. Reinf. Conc. Drop Inlet.

Sta. 5+12 Line No. 3. Constr. Reinf. Conc. Drop Inlet.

Exist. Ground

Top of Inlet Elev. 98.30

Top of Inlet Elev. 98.90

Top of Inlet Elev. 100.00

Top of Inlet Elev. 97.90

Top of Inlet Elev. 97.70

100

90

Line No. 3

186 L.F. 15" R.C.P. @ 0.3%

326 L.F. 12" R.C.P. @ 0.3%

Sand Fill at Flush

0+00 Flow = 96.00

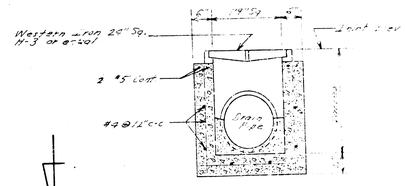
1+00 Flow = 96.30

1+86 Flow Out = 96.54
Flow In = 96.81
2+00 Flow = 96.85

2+86 Flow = 97.11
3+00 Flow = 97.15

4+00 Flow = 97.45
4+12 Flow = 97.49

5+00 Flow = 97.75
5+12 Flow = 97.79



Inlet Details

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

MERIDIAN VILLAGE STORM WATER SEWER
PRIVATE CONTRACT
SH. NO. 2 OF 2

9 12 4 15