Elev. 1315 South rim exist. M.H. Sta. 0+00 Line No. 1.

Sta. 2+05 Line No. 1 Constr. Std. Brick Manhole Type A on exist. 6" C.I. sewer. Plug exist. 6" sewer east.

Note: Contractor to excavate manhole at sta. 0+00 Line No. 2 so that field engineer can verify elev. of exist. sewer prior to staking.

Sta. 2+54 Line No. 2. Constr. Std. Brick Manhole Type A. Install 40 L.F. 8" cast iron pipe N.W. to exist. manhole.

Bldg. 3A

Bldg. 2

Bldg. 3

Bldg. 5

Bldg. 9

Exist. M.H.

Exist. M.H. Top Elev. 1316.0 Exist. 6" Sewer

Plug exist. sewer.

Exist. 6" Sew.

Exist. 8" Sewer

Exist. 8" Sewer

Sta. 3+96 Line No. 2. Constr. Std. Brick Manhole Type A on exist. 8" sewer. Plug exist. sewer N.E.

Install wyes for temp. hookup of exist. sewers to new sewer.

Line No. 2

Line No. 1

Exist. M.H.

Exist. M.H.

Exist. 6" Sew.

Exist. 6" Sewer

Exist. 8" V.C.P.

S.L. & S.F. R.R. R/W (Vacated Washington)

Exist. 8" Sewer

Sta. 0+00 Line No. 1 Exist. Manhole.

Plug 6" sewer West.

Sta. 0+00 Line No. 2. Constr. Std. Brick Manhole Type A on exist. 8" sewer.

Sta. 0+90 Line No. 2. Constr. Std. Brick Manhole Type A.

37th St. North

Scale 1"=50'

Survey Proj. # 04-AM-67
Plan Submitted
Ex.
Checked

NOTE TO CONTRACTOR

This project will be constructed under the supervision of the CITY ENGINEER and conforming to the SPECIFICATIONS of the CITY OF WICHITA. The CONTRACTOR will reimburse the City of Wichita for all cost of Engineering, Plans, and inspection.

Plan Scale 1"=50'
Profile Scale Horz. 1"=40'
Vert. 1"=4'

Sta. 0+00 Line No. 1 Exist. Manhole.

Sta. 2+05 Line No. 1 Constr. Std. Brick Manhole Type A.

Sta. 0+00 Line No. 2. Constr. Std. Brick Manhole Type A on exist. 8" Sewer.

Sta. 0+90 Line No. 2. Constr. Std. Brick Manhole Type A.

Sta. 2+54 Line No. 2. Constr. Std. Brick Manhole Type A.

Sta. 3+96 Line No. 2. Constr. Std. Brick Manhole Type A on exist. 8" Sewer.

254 L.F. 8" Cast Iron Pipe @ 0.039%

142 L.F. 3" Cast Iron Pipe @ 1.5%

Exist. Ground

Exist. Ground

Exist. 6" Sew.

Sand Fill or Flush

Line No. 2

Sand Fill or Flush

Line No. 1

205 L.F. 8" Cast Iron Pipe @ 0.5%

130

125

0+00 Flow Out = 125.53
Flow In = 125.00

1+00 Flow = 127.30

2+05 Flow Out = 128.02
Flow In = 127.70

0+00 Flow = 127.28

0+90 Flow = 127.32
1+00 Flow = 127.32

2+00 Flow = 127.36

2+54 Flow Out = 127.38
Flow In = 127.48

3+00 Flow = 127.71

3+96 Flow Out = 128.19
Flow In = 127.50

COLEMAN NORTH PLANT
PRIVATE SEWER
CITY OF WICHITA, KANSAS
B. E. SMITH, CITY ENGINEER
PRIVATE CONTRACT
DATE:

Surveyed J. Johnson Bk. K-100
Fld. D. Graham
Ex.
Checked

30' Perm. Easm't

ZZ

W. B. CARTER

HOOVER ST.

WICHITA - VALLEY CENTER FLOOD. R/W

Sta. 0+00 Exist. M.H. Invert 8" Out 1.64 in Road

Exist. 12" Clay Sewer

Exist. 8" Clay Sewer

30 Lin. Ft. Wall Casing

8" Prelim. Zone Encasement

8" Final Zone Encasement

Sta. 1+19 Const. Std. M.H. Type "A" Install 8" Clay Pipe Stub N.

ADDN.

110

100

90

E. Rim Exist. M.H. = 106.80

Exist. Ground

Sta. 0+00 Exist. M.H. Exist. 8" Vert. in Riser

Sta. 1+19 Line No. 2 Const. Std. M.H. Type "A" Install 8" Clay Pipe Stub N.

8" Cast Iron @ 0.80%

8" Cast Iron @ 0.50%

Invert 8" Stub in Road

Invert 8" Stub N. in Manhole

119 Lin. Ft. 8" C.I.P. @ 0.50% Grade

17 Lin. Ft. 8" Reinf. Conc. Encasement

50 Lin. Ft. 20" ϕ Steel Casing

97 Lin. Ft. 8" Reinf. Conc. Encasement

Nat. Ground

undisturbed Earth

Pressure grout using a cement-grout of one part to six parts

20" ϕ Steel Casing

8" C.I.P.

Steep C.I.P. to crossfad wood skids

TUNEL SECTION
No Scale

Note: Steel casing to be installed by augering & jacking method. Used steel casing may be used with the approval of the field Engineer

PART OF LAT. 37, S.W. INTERCEPTOR
CITY OF WICHITA, KANSAS
B. E. SMITH, CITY ENGINEER

DATE: 9-11-70

JAMES H. TAYLOR 2012

DEAN S. SELLERS 3683 Kansas Registered Land Surveyor

14 5 5 5