Avenue

Exist. Manhole

A.T.& S.F. R.R.

Sta 1+63 Remove Exist. Inlet. Constr. Reinf. Conc. Drop Inlet with mud trap.

West Property Line

Sta 0+00 Constr. Std. Brick Manhole Type B on exist. 33" Storm sewer

Concrete Drive

Line No. 1

Sta 3+07. Constr. Reinf. Concrete Drop Inlet with mud trap.

Central

Exist. 33" sewer

Steffen's Dairy Food Co. Building

Concrete Parking

Sta 2+67 Constr. Reinf. Conc. Drop Inlet with mud trap.

Sta 3+32. Constr. Reinf. Conc. Drop Inlet with mud trap.

Flow 8" V.C.P.

Note: All removal lines to be sawed.

47 L.F. 8" V.C.P. @ 0.6% Line No. 2 to trench drain.

Flow 8" V.C.P. = 111.10

New trench drain with mud trap. Elev. Top = 113.10

North Line Central Ave.

45'

40'

40'

45'

B.M. 115.10 U.S.C.G. Monument 1.1. E. Cor. Santa Fe tracks & 5' North North Line Central Ave.

East

123'

97'

65'

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

Note: Profile Line No. 2 not shown.

Sta 0+00 Constr. Std. Brick Manhole Type B on exist. 33" Storm sewer.

Sta 1+63 Constr. Reinf. Conc. Drop Inlet with mud trap.

Sta 2+67 Constr. Reinf. Conc. Drop Inlet with mud trap.

Sta 3+07 Constr. Reinf. Conc. Drop Inlet with mud trap.

Sta 3+32 Constr. Reinf. Conc. Drop Inlet with mud trap.

120

110

Top of Exist. Pavement

Top of Exist. Concrete Drive

Top of Inlet Match Conc.

Top of Inlet Match Conc.

Exist. Ground

Line No. 1

Flow Inlet = 109.12

Flow Inlet = 108.11

Flow Inlet = 108.73

Flow Inlet = 108.97

40 L.F. 12" V.C.P. @ 0.6%

25 L.F. 10" V.C.P. @ 0.6%

267 L.F. 15" V.C.P. @ 0.6%

Sand Fill or Flush Entire Length

0+00 Flow Out = 107.38
Flow In = 108.28

0+50 Flow = 108.18

1+00 Flow = 109.98

1+30 Flow = 109.78

1+63 Flow = 109.86

2+00 Flow = 110.08

2+50 Flow = 110.33

2+67 Flow = 110.48

3+00 Flow = 110.68

3+07 Flow = 110.72

3+32 Flow = 110.87

STEFFEN'S DAIRY CO.
STORM WATER SEWER
CITY OF WICHITA, KANSAS
B E SMITH, CITY ENGINEER
PRIVATE CONTRACT
DATE: AUG 1958