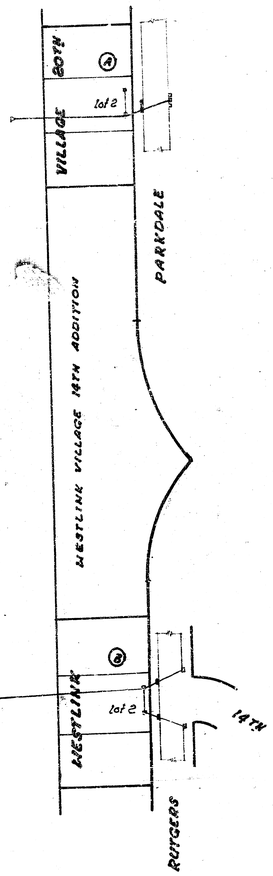
STORM WATER SEWER No. 178

CITY OF WICHITA, KANSAS

D. S. SELLERS ACTING CITY ENGINEER

PROJ No. 468-76-245-80893000-000-001





1/3

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BM 159.30 RR Spike W. fc. PP approx. 115' W & 20' S of NW cor. 13th & Prescott. (8th Pl. W of Maize Rd.)

CONSTRUCT STANDARD MANHOLES - TYPE A

CONST TYPE I-A CURB INLET OVER EXISTING 24" PIPE. top curb 157.31 Existing 84" 1499' 11-4'-2"

Sta. 3+31 Existing Type I-A Inlet w=5'0"

Sta. 3+96 existing Type I-A Inlet

Existing Drainage Swale

Existing 24" Pipe

32' Drainage Easement

Westlink 14th Addn

1-Strand Elec. Pl.

81'-24" RCP

52'-24" RCP

ABANDONED 24" PIPE - PLUG BOTH ENDS

plug inlet opening see detail sht 3

DRAINAGE & UTILITY EASEMENT

Existing 15" Pipe

plug inlet opening see detail sht 3

LOT 2, BLK B WESTLINK VILLAGE 20TH ADDN

Existing Type I-A Inlet. Top 157.20

Proposed SWBT Co. Cable

30' util easement

W.L. Westlink 14th Addn

CONST TYPE I-A CURB INLET OVER EXISTING 15" PIPE 11-4'-2" top curb 157.86 Exist'g 15" 155.20±

NOTE: All inlets this sheet are Type IA Curb Inlets w=4'2" unless otherwise noted.

Scale: 1"=20'

RUTGERS

24" Pipe Existing

12" Water

8" Water

Existing 15" Pipe

Existing Type I-A Inlet Top 157.40

Fl. 153.9

Fl. 153.7

49' B/W

35' B/B

24' MIN

81'

41'

20'

9'

4'

2'

∞ Revised sept 1979 ∞

PROJ No. 468-TG-285-80893000-000-001

PROFILE

Sta. 0+13

Existg. Type 3 Rip-Rap

146.73

Proposed Top of Curb

Ground Line

Proposed SWBT Co. Cable

12" Water by Others

CONST TYPE I-A CURB INLET OVER EXIST 15" & 24" PIPE.

3+31 existg Inlet w=5'0" Top 159.20

3+96 existg Inlet Top 157.40

169.78

169.11

150.21

150.46 (21" in)

300' of 24" RCP @ +1.00%

Alt. 300' of 24" CMP (Fully Paved) @ +1.00%

65' of 24" RCP @ +0.64%

Alt. 65' of 24" CMP (Fully paved) @ +0.64%

148.98

149.98

160

155

150

145

0

1

2

3

4

S.U.S. # 178

Sheet 2 of 3

K&E PLATE 1. PLAN-PROFILE KEUFFEL & ESSER CO.

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PLAN

Scale: 1"=20'

Sta. 0+50

Existing Drainage Swale

32' Drainage Easement

Sta. 1+50 W.L. Westlink 16th Add'n

30' Util. easement

Remove Inlet Top 156.00

utility

existg san

easmt

Remove 39' of 15" Pipe

LOT 2, BLK A, WESTLINK VILLAGE 20TH ADDN.

WAS 10TH ST

plug pipe

s.w.s ℄ drainage easmt

existg 21" pipe

PLUG EXISTING INLET OPENING using brick masonry. See detail this sheet

Proposed SWBTCo. Cable

Sta. 1+50 W.L. Westlink 16th Add'n

San Sewer by Others

All inlets, this sheet, are Type 1A Curb Inlets (w=4'2")

BM 155.83 Top metal pipe S.L. 16th & 1st So. & 120' W of W.L. Parkdale.

70' R/W

41' B/B

Lot 6, Blk 20, Westlink Village 16th Add'n

CONST TYPE 1-A CURB INLET w. 4'-2" Top curb 158.08 15" out 152.20

existg Inlet, Sta. 3+66

existg Inlet, Sta. 3+38

15" Pipe

INSTALL 15" 4'-15° PIPE BEND

18" Pipe existing

existg Inlet, Sta. 3+50

LOT 7

LOT 8

PARKDALE

CONST TYPE 1-A CURB INLET OVER EXISTING 18" PIPE. Top curb 150.11 15" in 15200 Existing 16" 151.76 w. 4'-2"

DETAIL OF INLET CLOSURE

BRICK MASONRY PLUG

PROFILE

Sta. 0+96 Conc.

Ground Line

Existg Type 3 Rip Rap

149.00

Proposed Top of Curb

San. Sewer by Others

Sta. 2+61 existg Inlet Top 156.00

151.29

151.54

CONST TYPE 1-A INLET OVER 18" PIPE

Ground Line

156.9 Top curb

Sta. 3+50 existg Inlet Top 154.24

Sta. 3+38 existg Inlet Top 156.24

Sta. 3+66 existg Inlet, Top. 154.25

152.44

152.69

152.22

152.62

152.90

8'-15" RCP @ +1.00%

Alt. 8 of 15" CMP @ +1.00%

8 of 15" RCP @ +1.00%

Alt. 8' of 15" CMP @ +1.00%

185' of 21" RCP @ +1.24%

Alt. 185' of 21" CMP @ +1.24%

69' of 18" RCP @ +1.30%

Alt. 69' of 18" CMP @ +1.30%

149.00

151.79

PLATE 1: PLAN/PROFILE

S.W.S # 178

Sheet 3 of 3

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