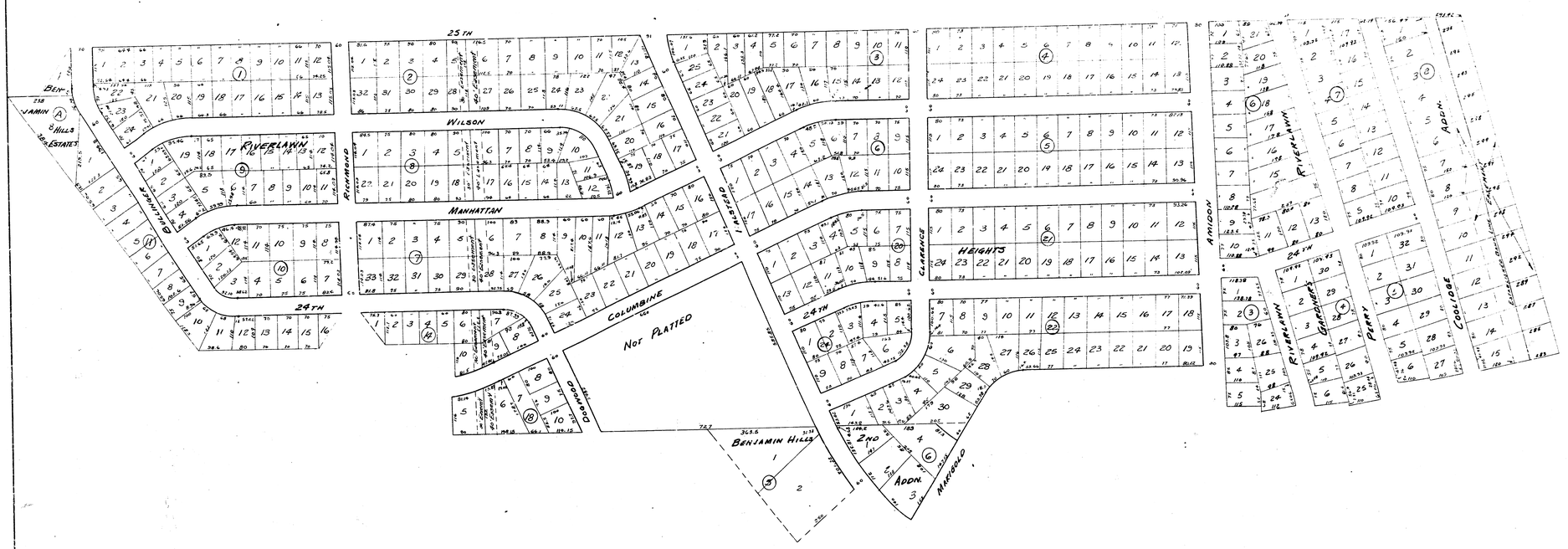
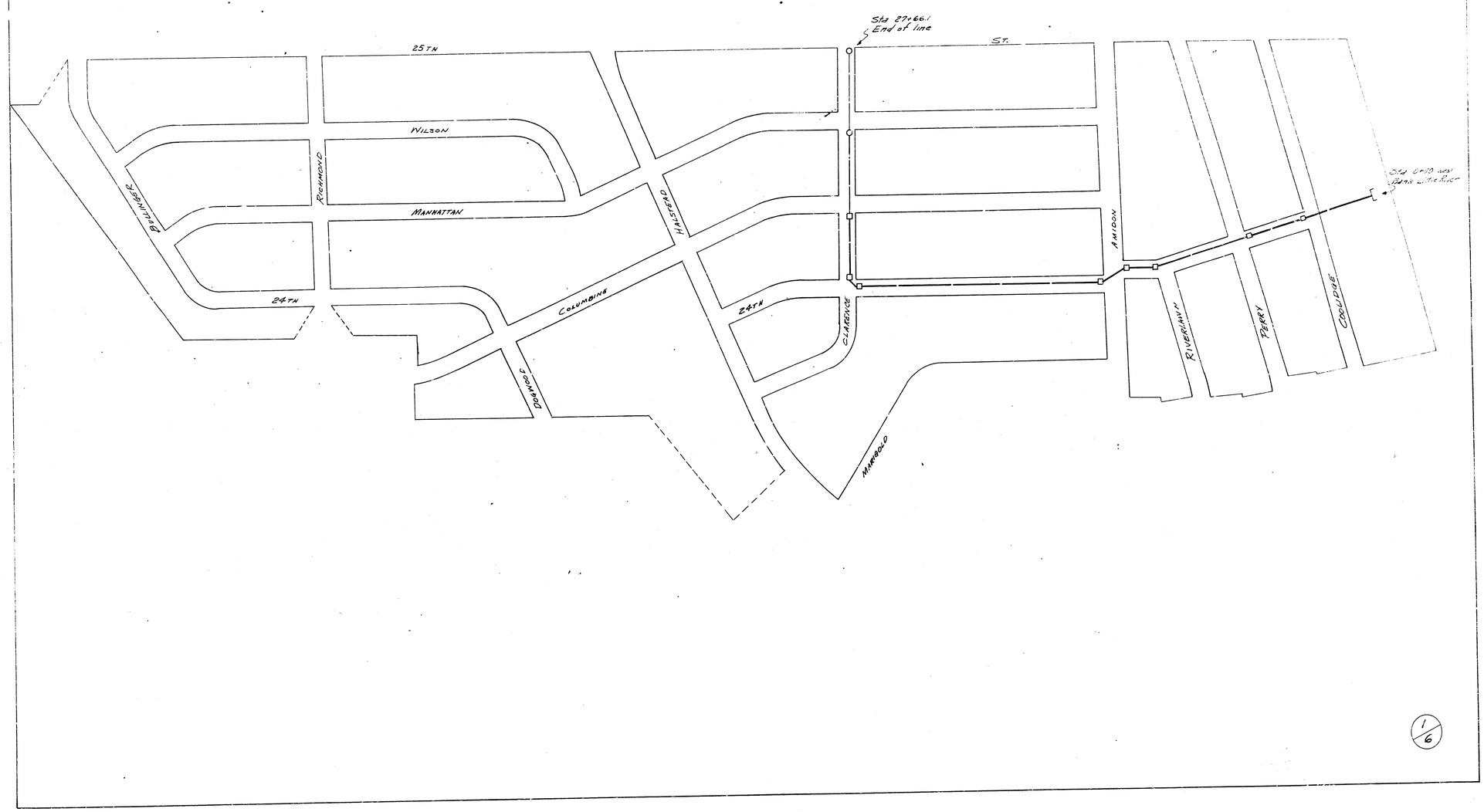
BENEFIT DISTRICT
STORM WATER SEWER NO. 59
CITY OF WICHITA, KANSAS

PROJ. NO. C24-45 JUNE, 1954



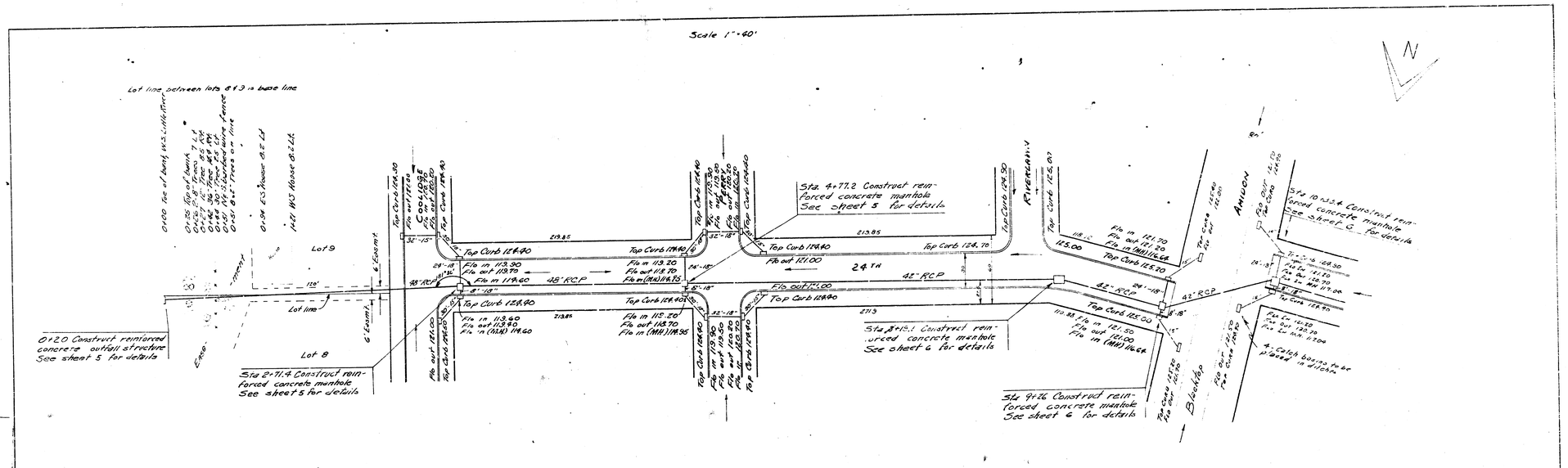
LOCATION MAP
STORM WATER SEWER NO. 59
CITY OF WICHITA, KANSAS

PROJ. NO. C24-45 JUNE 1954



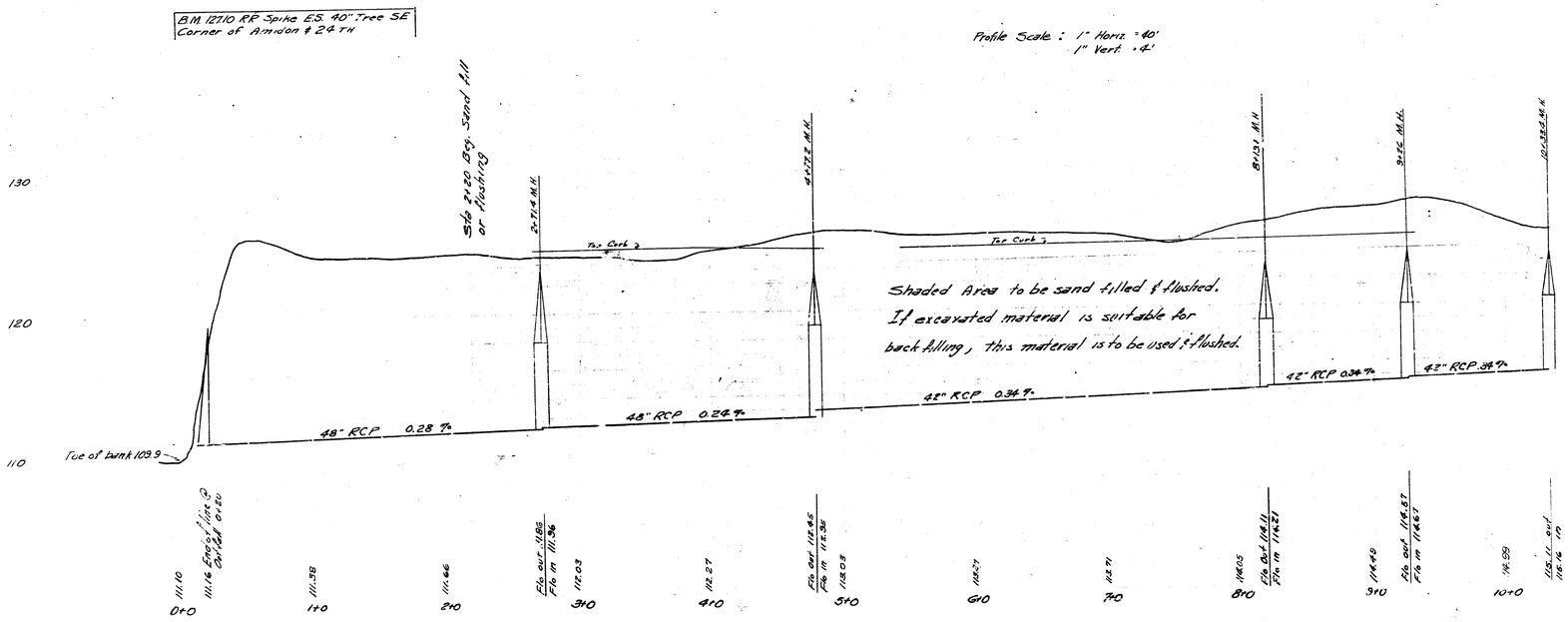
1/6

Scale 1"=60'



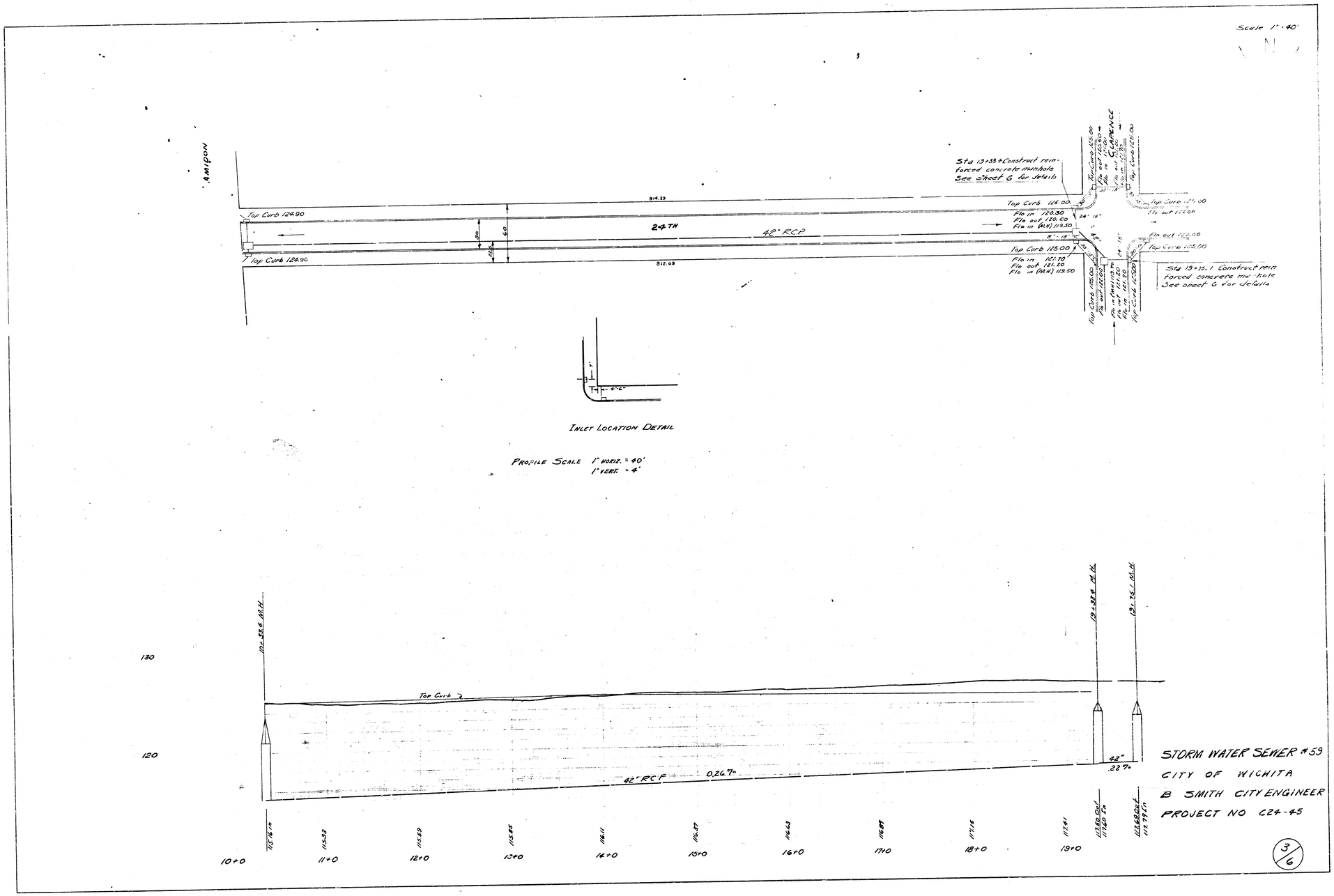
B.M. 1271.0 RR Spike E.S. 40" Tree SE Corner of Amidon & 24 TH

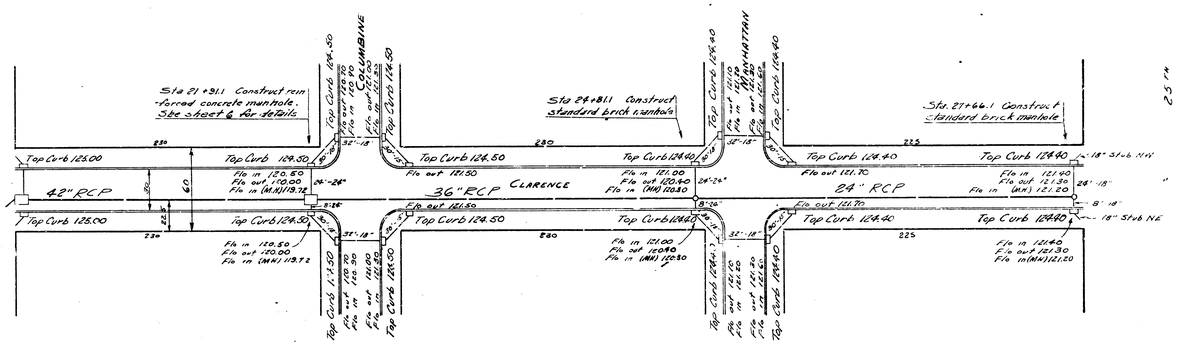
Profile Scale : 1" Horiz. = 40'
1" Vert. = 4'



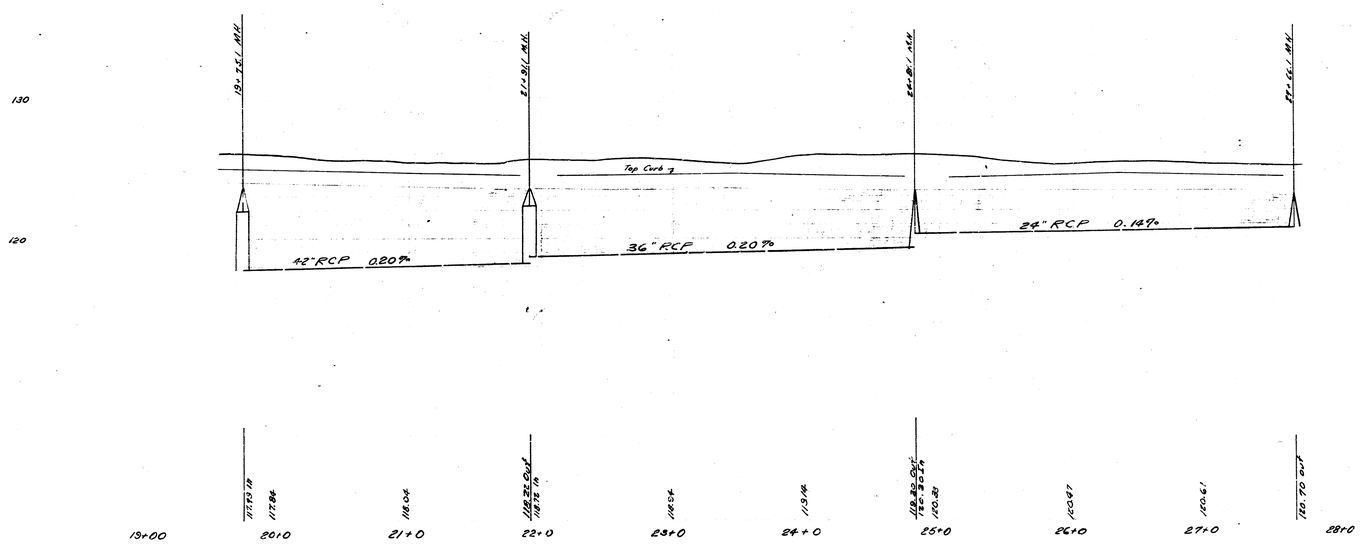
STORM WATER SEWER NO. 59
CITY OF WICHITA, KANSAS
B E SMITH CITY ENGINEER
PROJ. NO. C24-95

2/6


Scale 1" = 40'
N
AMIDON
Top Curb 124.90
Top Curb 124.90
314.33
312.09
24TH
42" RCP
60
20
22.5
Sta 13+33 Construct rein-
forced concrete manhole
See sheet 6 for details
Top Curb 115.00
Flo in 120.30
Flo out 120.00
Flo in (M.H.) 119.50
Top Curb 115.00
Flo in 121.70
Flo out 121.50
Flo in (M.H.) 119.50
Top Curb 115.00
Flo out 121.50
Top Curb 115.00
Flo out 122.00
Top Curb 115.00
Flo out 122.00
Top Curb 115.00
Flo out 122.00
Top Curb 115.00
Flo in 121.50
Flo out 121.00
Top Curb 115.00
Flo out 122.00
Top Curb 115.00
Flo out 122.00
Top Curb 115.00
Flo in 121.50
Flo out 121.00
Top Curb 115.00
Flo out 122.00
Top Curb 115.00
Flo out 122.00
Top Curb 115.00
Flo out 122.00
Top Curb 115.00
Flo out 122.00
Sta 19+15.1 Construct rein
forced concrete manhole
See sheet 6 for details
24"
18"
30
INLET LOCATION DETAIL
PROFILE SCALE 1" HORIZ. = 40'
1" VERT. = 4'
130
120
Top Curb
42" RCP
0.26%
42"
.22%
STORM WATER SEWER #59
CITY OF WICHITA
B SMITH CITY ENGINEER
PROJECT NO C24-45
3/6

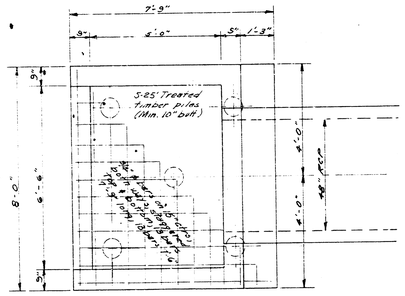


PROFILE SCALE 1" HORIZ. = 40'
1" VERT. = 4'

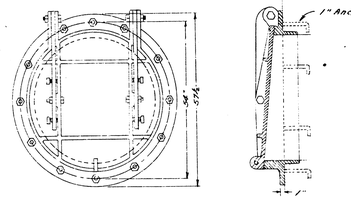


STORM WATER SEWER NO. 59
CITY OF WICHITA KANSAS
B.E. SMITH CITY ENGINEER
PROJECT NO C24-45

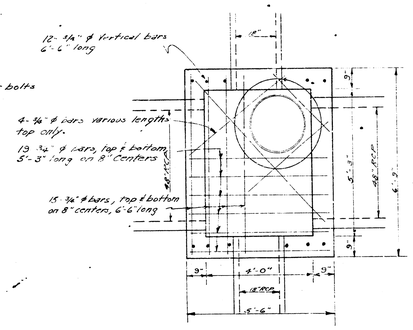
4/6



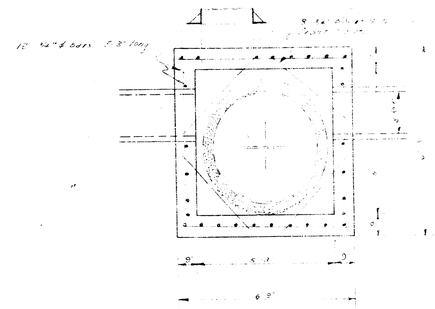
TOP VIEW



PEKRUL MODEL 16 SPIGOT BACK AUTOMATIC FLAP GATE OR AN EQUIVALENT MODEL

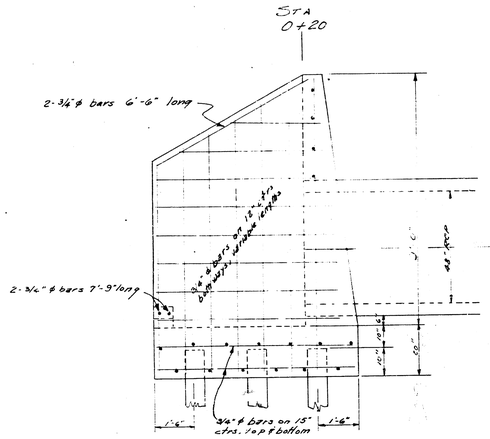


TOP VIEW

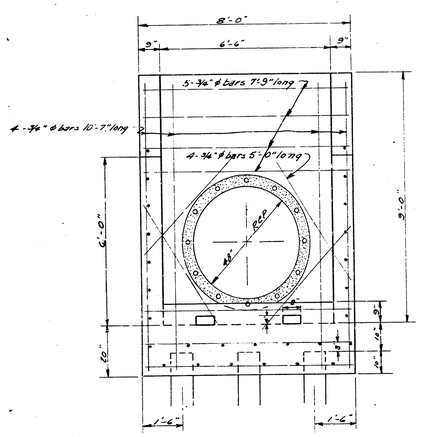


END VIEW

REINFORCED CONCRETE MANHOLE AT STATION 2+71.4
SCALE: ½" = 1'-0"

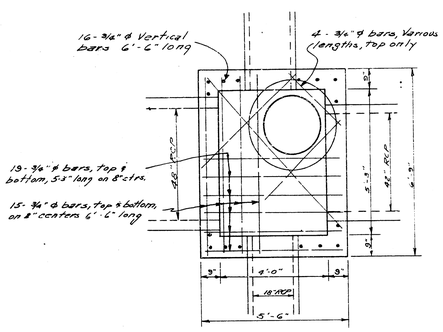


SIDE VIEW

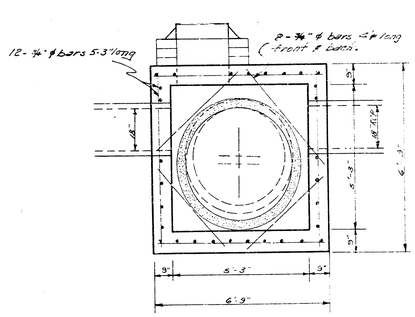


END VIEW

OUTFALL STRUCTURE
SCALE: ⅛" = 1'-0"



TOP VIEW



END VIEW

REINFORCED CONCRETE MANHOLE AT STATION 4+77.2
SCALE: ½" = 1'-0"

GENERAL NOTE

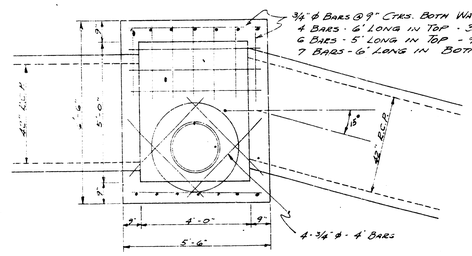
Concrete for structures shall contain not less than 1.65 barrels of cement per cubic yard. In no event shall the total water content exceed 6.25 gallons per sack. The mixture of fine and course aggregate shall be such as will produce a maximum density of the most workable mixture.

In general, pipes will enter and leave the manholes at various elevations. Wherever possible bend reinforcing bars around pipes (18" diameter or less). Where pipes are large use diagonal bars as shown.

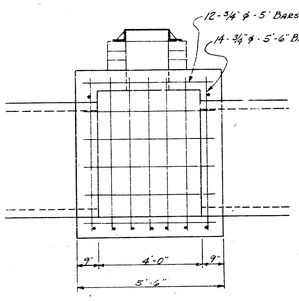
The floor of the manhole is to be shaped for flow and drainage. No deduction in concrete quantities shall be made for pipe openings. No addition in concrete quantities shall be made for shaping manhole floors. An internal vibrator shall be used for placing concrete.

5/6

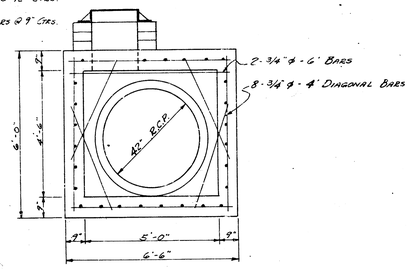
STORM WATER SEWER DISTRICT No. 59
CITY OF WICHITA, KANSAS
B E SMITH CITY ENGINEER
PROJECT 24-45



PLAN VIEW

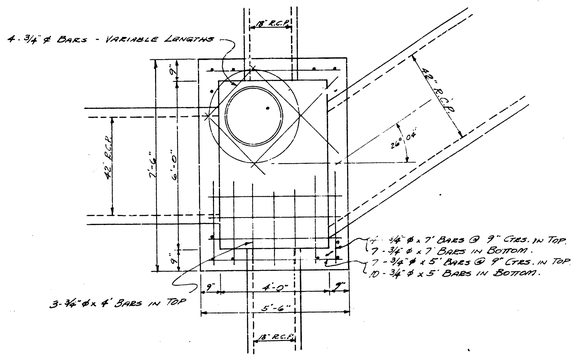


SIDE ELEVATION

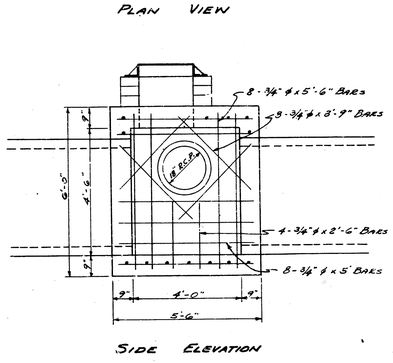


END ELEVATION

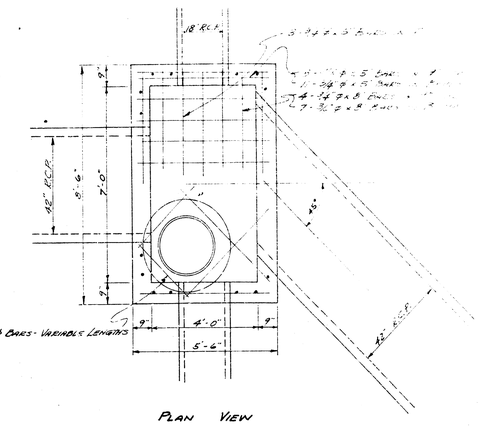
REINF. CONC. MANHOLE @ STA. 8+19.1
SCALE : 1/2" = 1'-0"



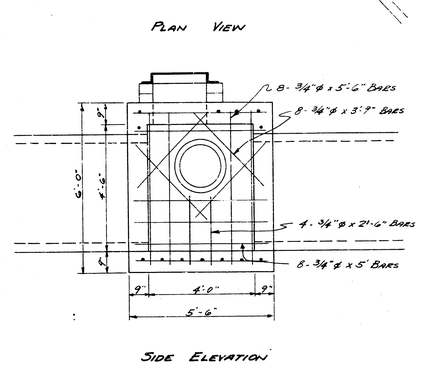
PLAN VIEW



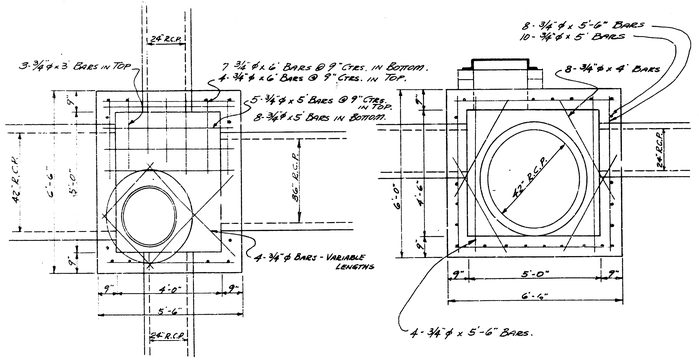
SIDE ELEVATION



PLAN VIEW



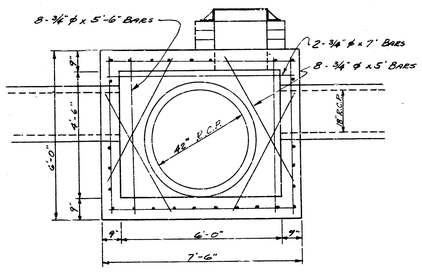
SIDE ELEVATION



PLAN VIEW

END ELEVATION

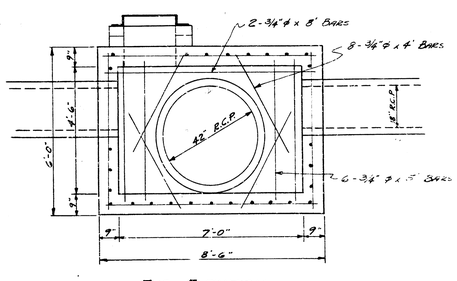
REINF. CONC. MANHOLE - STA. 2+91.1
SCALE : 1/2" = 1'-0"



END ELEVATION

REINF. CONC. MANHOLE - STA. 9+26 & 10+33.4
SCALE : 1/2" = 1'-0"

NOTE: ONLY ONE 18" LEAD IN M.H. @ STA. 19+54.8



END ELEVATION

REINF. CONC. MANHOLE - STA. 19+33.9 & 19+75.1
SCALE : 1/2" = 1'-0"