HARRY STREET

OSIE STREET

BATTIN PINECREST OLD MANOR PARKWOOD ADDN. DRIVE

AVE. ADDN. AVENUE COUNTRYSIDE

FUNSTON AVENUE END LINE 1 47+25.5 49+78 24" RCP STREET

GLENDALE GENE HANCOCK'S BUILDER'S DRIVE BLECKLEY BATTIN AVENUE 3RD. ROAD LANE DRIVE EDGEMOOR

LINE 4 4+78 0+00 LINE 3 LINE 1

24" R.C.P. 30" R.C.P. 36" R.C.P. 42" R.C.P. 48" R.C.P. 60" RCP

MOUNT VERNON 18+110 11+938 10+76 9+15.5 5+08 2+82 0+00 34+15.6 ROAD

32+88.6 31+33.4 29+78.1 26+30.6 23+28.1 21+57.3 19+78.2 19+47

ELPYCO GRAMAR AVE. PARKWOOD RIDGEWOOD ADDN. LINE 1

EDGEWOOD AVE. OLD MANOR DRIVE BUNTING AVENUE

EXISTING 12" RCP ? 7+49 7+25 6+67 6+02 1+85 0+00 24" RCP 36" RCP 42" RCP 48" RCP 60" RCP

KINKAID AVE. LINE 2

ELPYCO PINECREST GLENDALE LINE 1 72" RCP

BLAKE 4+78 42" RCP 4+62.8 9+22 7+93 LINE 5 48" RCP 0+70 1+39.5 2+40 4+70

0+00 OUTFALL STRUCTURE BEG. 42" RCP. STA. 0+00

OUTFALL STRUCTURE BEG. 72" RCP. STA. 1+70

N

SCALE 1" = 150'

STORM WATER SEWER DIST. NO. 41
CITY OF WICHITA KANSAS
L.K. WHITE CITY ENGINEER
Proj. No. C 21-54
AUG. 15, 1951

OLIVER

OLIVER AVE.

RESERVE 'A'

Mc ADAM.

BLAKE

LARRY

PAWNEE

H

A

EDSEDALE ADDN.

GLENDALE

GLENDALE AVE.

GLENDALE AVE.

GENE HANCOCK'S ADDN

KINKAID

B

C

13

EDGEWOOD

ELPYCO AVE.

ELPYCO

ELPYCO AVE.

MOUNT VERNON

BUILDER'S

FUNSTON

BLECKLEY DRIVE

2

PINECREST

ACRES

REPLAT OF BLOCK 5

BATTIN

BATTIN AVE.

3

PINECREST AVE.

3RD

4

OLD MANOR

OLD MANOR ROAD

5

PARKWOOD

PARKWOOD LANE

6

RIDGEWOOD

RIDGEWOOD DRIVE

7

ROAD

EDGEMOOR

GRAHAM

LANE

DRIVE

ADDN.

BUILDERS 3RD ADDN.

COUNTRYSIDE

RESERVES

D & F

C & G

RESERVES 3RD ADDN.

REPLAT OF BUILDERS

ST.

REPLAT OF

RESERVE H

RESERVE E

ADDN.

DRIVE

GREENDALE

SLEASE ADDN.

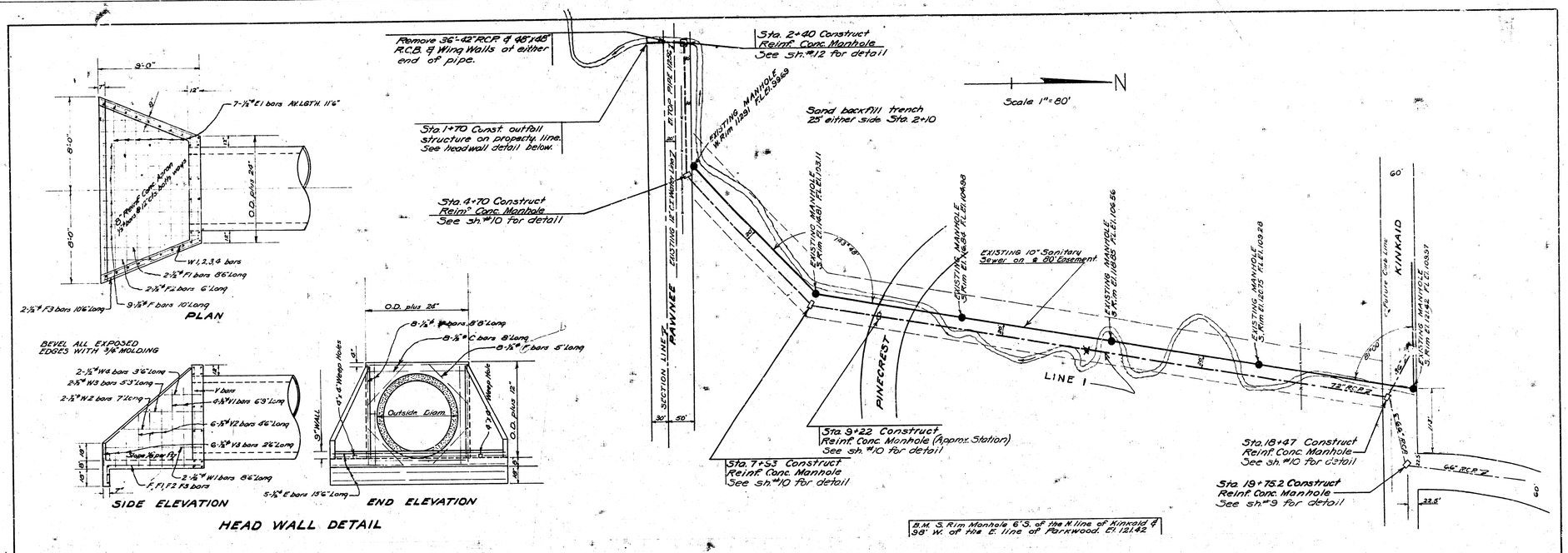
GREENDALE 2ND ADDN.

OSIE

ROANOKE

AVE.

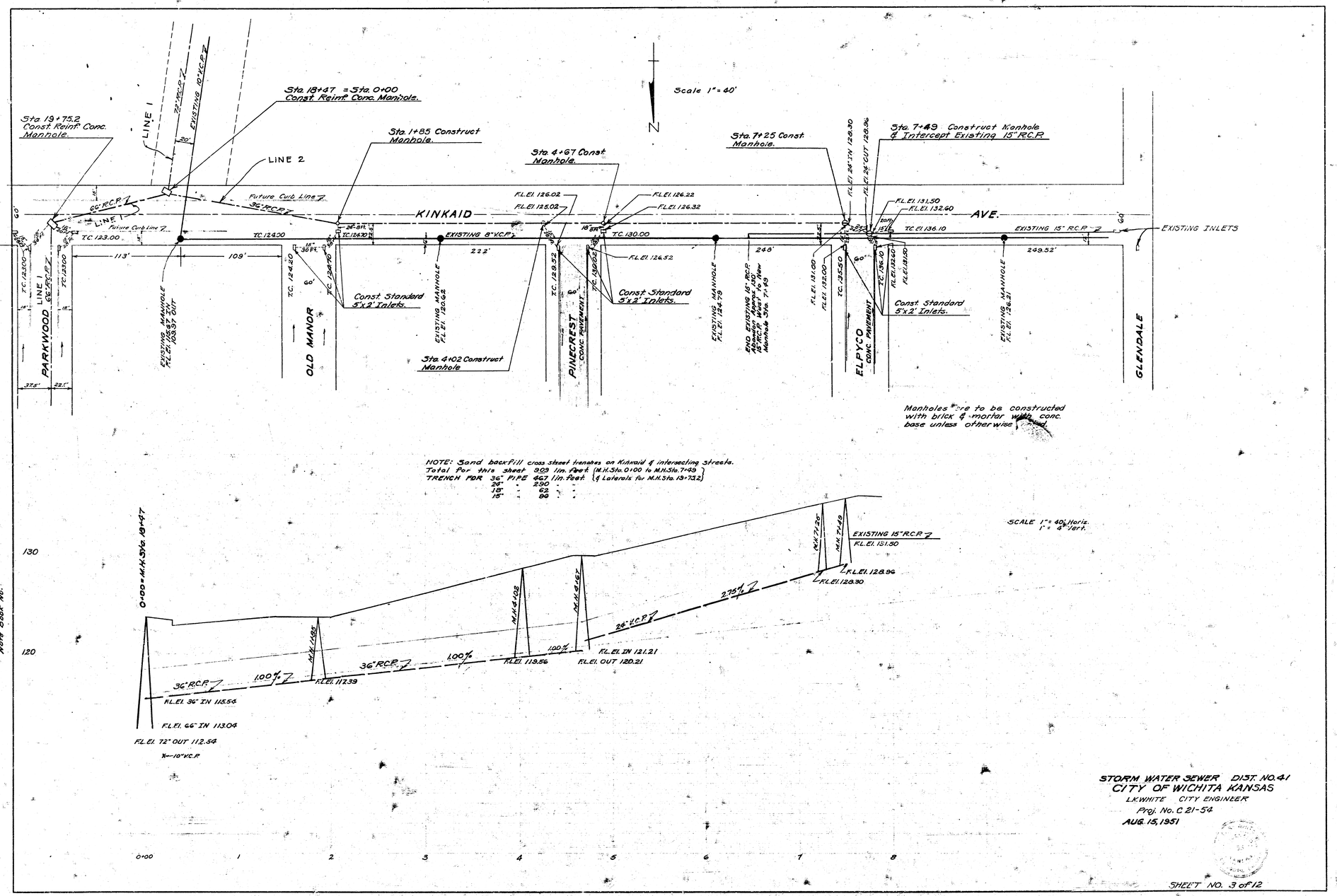
BEAVER DISTRICT STORM WATER SEWER NO. 41



Date 7-10-51
Drawn by J.L.A.
Checked by
Note Book No. 53

STORM WATER SEWER DIST. NO. 41
CITY OF WICHITA KANSAS
L.K. WHITE CITY ENGINEER
Proj. No. C 21-54
AUG. 15, 1951

SHEET NO. 2 of 12



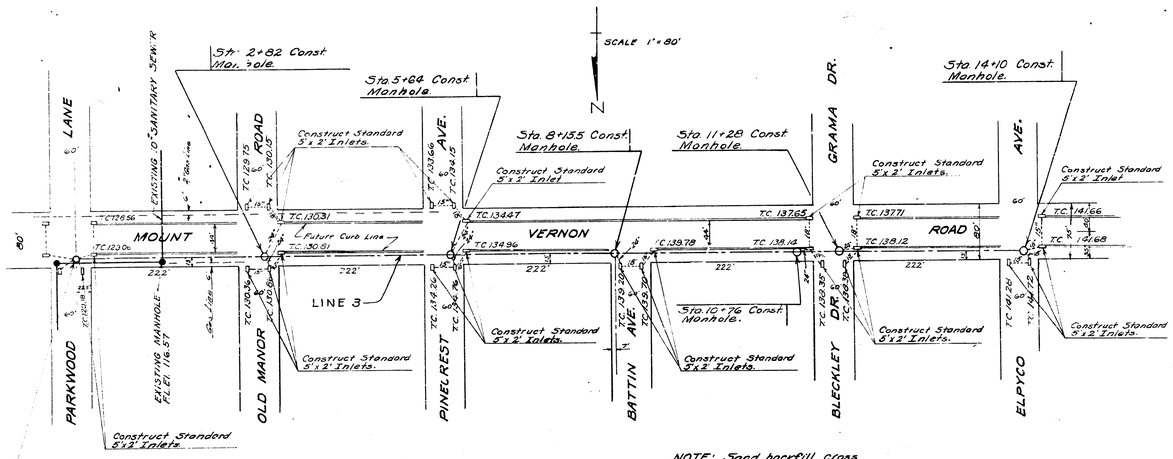
NOTE: Sand backfill cross street trenches on Kinkaid & intersecting streets.
Total for this sheet 909 lin. Feet (M.H. Sta. 0+00 to M.H. Sta. 7+49)
TRENCH FOR 36" PIPE 467 lin. Feet (& Laterals for M.H. Sta. 19+75.2)
24" " 290 " "
18" " 52 " "
15" " 90 " "

SCALE 1" = 40' Horiz.
1" = 4' Vert.

Date 7-13-51
Drawn by J.L.A.
Checked by
Note Book No.

STORM WATER SEWER DIST. NO. 41
CITY OF WICHITA KANSAS
I.K. WHITE CITY ENGINEER
Proj. No. C 21-54
AUG. 15, 1951

SHEET NO. 3 OF 12



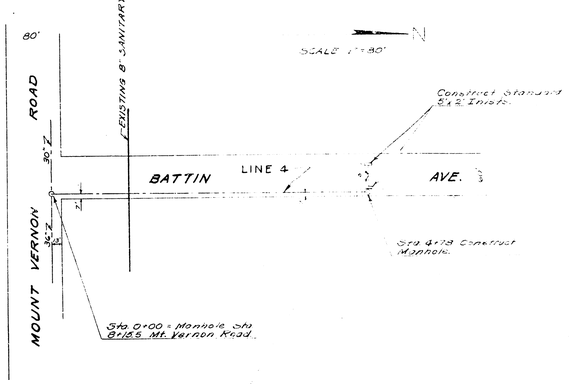
Sta 0+00 = Manhole Sta. 34+15.6 on Parkwood Lane. Reinf. Conc. See Sheet #11 for detail

NOTE: Mount Vernon Road to be Paved from the E. Line of Oliver to the W. Line of Edgemoor.
Old Manor Road to be Paved on both sides of Mount Vernon Road.

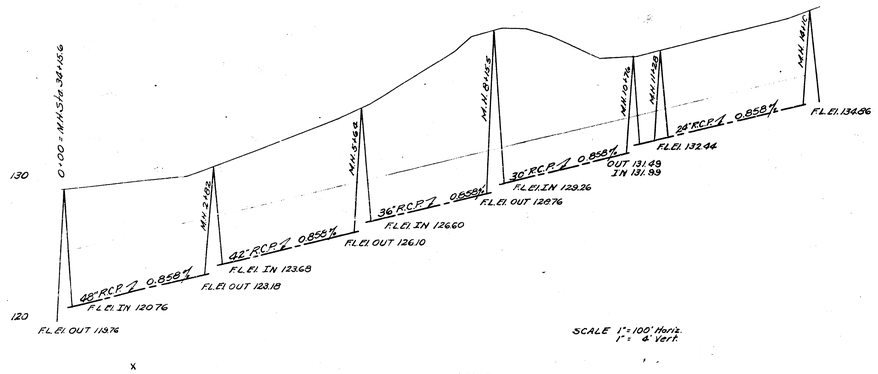
NOTE: Sand backfill cross street trenches on Mt. Vernon Road & intersecting streets. Total for this sheet 712 lin. feet.

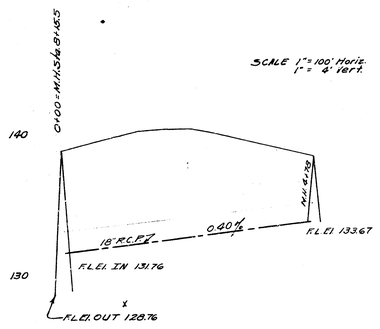
TRENCH FOR	48"	PIPE	35 lin. feet
	42"	"	35 " "
	36"	"	10 " "
	30"	"	46 " "
	24"	"	232 " "
	18"	"	160 " "
	15"	"	194 " "

Manholes are to be constructed with brick & mortar with conc. base unless otherwise noted.



Sand fill trench - 30 lin. feet





Date 7-16-31
Drawn by J.L.A.
Checked by
Note Book No.

STORM WATER SEWER DIST. NO. 41
CITY OF WICHITA KANSAS
L.K. WHITE CITY ENGINEER
Proj. No. C21-54
AUG. 15, 1951

Scale 1" = 80'

Const Standard 5'x2' Inlets.

Sta. 21+57.9 Construct Reinf. Conc. Manhole See sheet #9 for detail

Sta. 23+28.1 Construct Reinf. Conc. Manhole See sheet #9 for detail

Construct Standard 5'x2' Inlets.

Sta. 26+30.6 Construct Reinf. Conc. Manhole See sheet #9 for detail

Sta. 31+33.4 Construct R. inf. Conc. Manhole. See sheet #11 for detail

Sta. 32+88.6 Construct Reinf. Conc. Manhole. See sheet #11 for detail

Sta. 19+75.2 Construct Reinf. Conc. Manhole. See sheet #9 for detail

Sta. 18+47 Construct Reinf. Conc. Manhole. (See Sheet No. 10) No. 7

Construct Standard 5'x2' Inlets.

Sta. 29+78.1 Construct Reinf. Conc. Manhole See sheet #11 for detail

Sta. 34+15.6 Construct Reinf. Conc. Manhole See sheet #11 for detail

Construct Standard 5'x2' Inlets.

EXISTING MANHOLE F.L.EL. 117.38

Construct Standard 5'x2' Inlets

EXISTING MANHOLE F.L.EL. 116.57

Construct Standard 5'x2' Inlets.

EXISTING MANHOLE F.L.EL. 118.20

2°C.s Line

Construct Standard 5'x2' Inlets

Construct 2-5'x2' Standard Inlets

Sta. 47+25.5 Construct Manhole

EXISTING MANHOLE F.L.EL. 123.00

Sta. 49+78 Construct Manhole

Construct Standard 2.5' Inlet

Construct 2-5'x2' Standard Inlets.

NOTE Parkwood Lane to be Paved From N. Line Kinkaid to the S. Line Funston. Mt Vernon to be Paved on both sides of Parkwood Lane. Gramar Drive to be Paved on both sides of Parkwood Lane.

B.M. Standard N.W. Corner Mt Vernon & Edgemoor El. 139.87

NOTE: SAND BACKFILL ALL TRENCHES
Except from Sta. 50+00 to Sta. 47+95 & Outside of Radius, Returns.
Total for this sheet 3263 lin. feet.

TRENCH FOR		
66" PIPE	784	lin. feet.
60" "	785	" "
42" "	1310	" "
24" "	100	" "
18" "	130	" "
15" "	154	" "

MH 18+47 — MH 19+75.2 — MH 21+57.9 — MH 23+28.1 — MH 26+30.6 — MH 29+78.1 — MH 31+33.4 — MH 32+88.6 — MH 34+15.6 — MH 47+25.5 — MH 49+78

66" RCP .4% — 60" RCP .4% — 66" RCP .4% — 66" RCP +0.4% — 60" RCP +0.4% — 60" RCP .4% — 60" RCP .4% — 60" RCP +0.4% — 42" RCP +0.6978% — 24" RCP +0.4%

FL. 113.55 — FL. 114.28 — FL. 114.96 — FL. 116.17 OUT — FL. 116.62 IN — FL. 118.01 — FL. 118.63 — FL. 119.25 — FL. 119.76 OUT — FL. EI. IN 121.26 — FL. EI. OUT 130.40 — FL. EI. 131.90 IN — FL. EI. 132.21

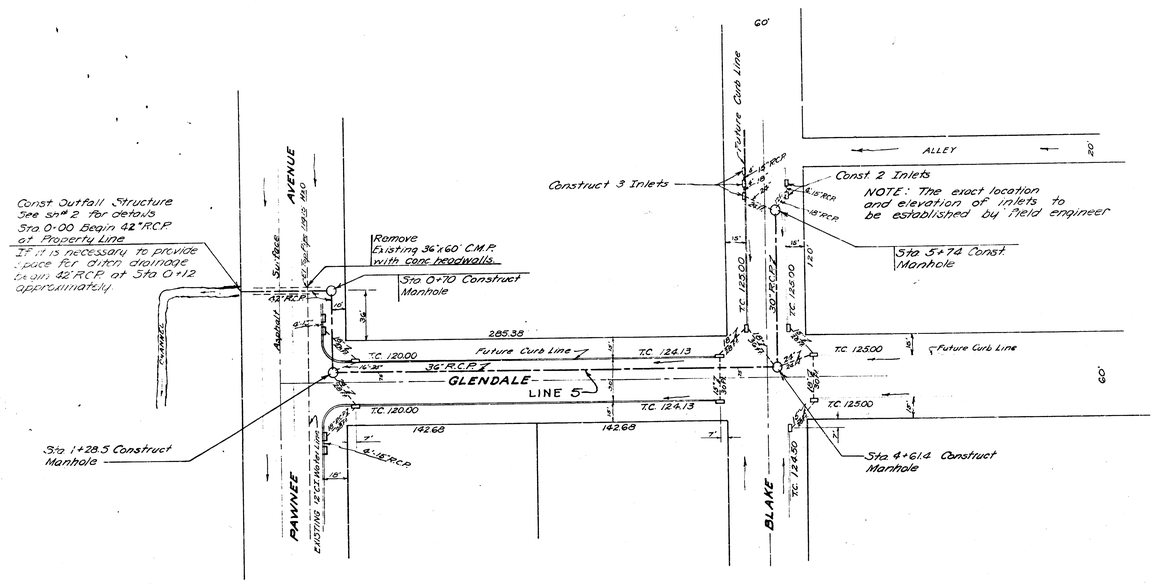
FL. 113.04 IN

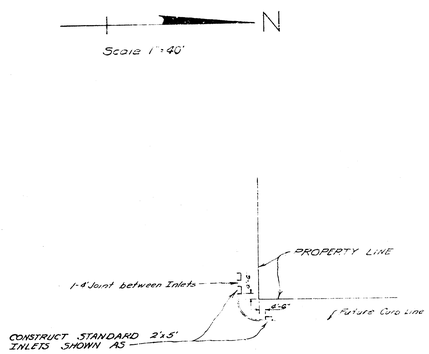
SCALE: 1"=100' Horiz. 1"=4' Vert.

Date 7-12-51
Drawn by J.L.A.
Checked by
Note Book No. 38 Y

STORM WATER SEWER DIST. NO. 41
CITY OF WICHITA KANSAS
L.K. WHITE CITY ENGINEER
Proj. No. C.21-54
AUG. 15, 1951

SHEET NO. 5 of 12

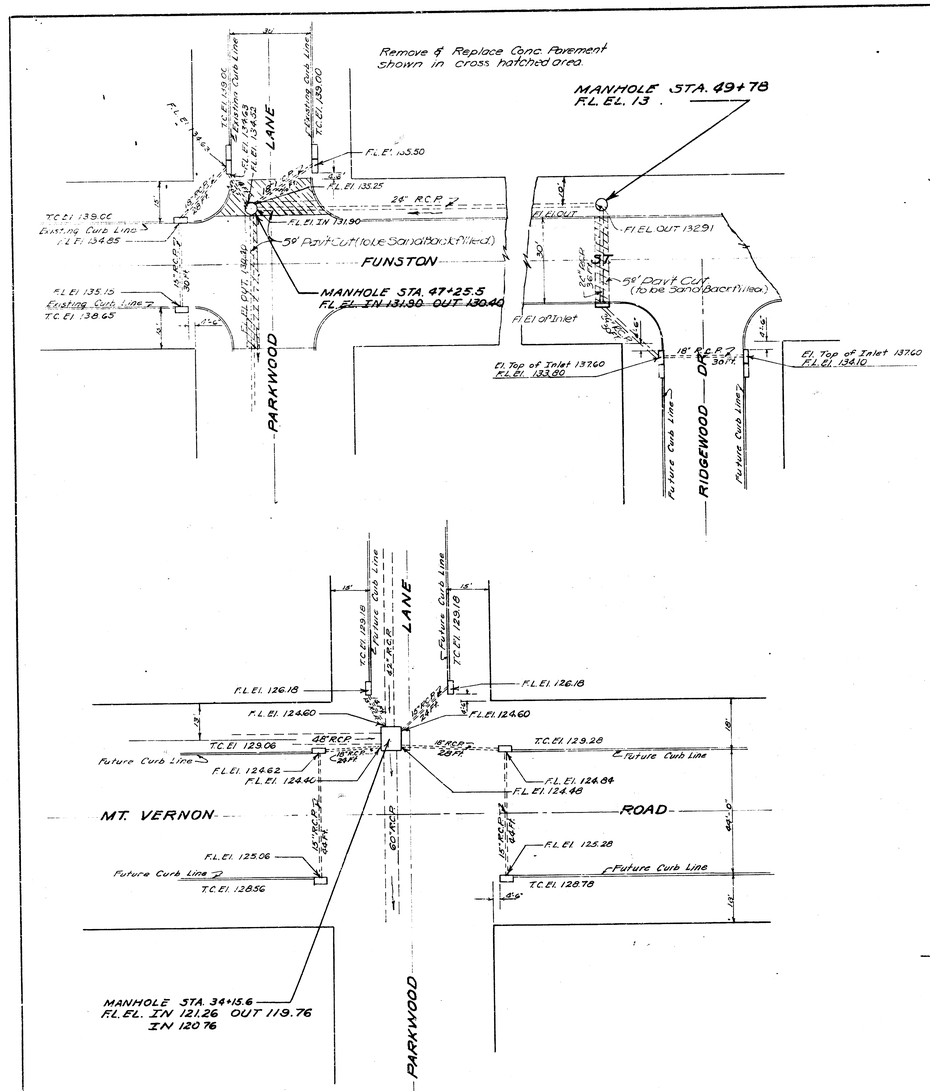




NOTE: Sand backfill trench
Sta. 0+15 to Sta. 0+65
Sta. 1+15 to Sta. 5+72 and
all cross street laterals.

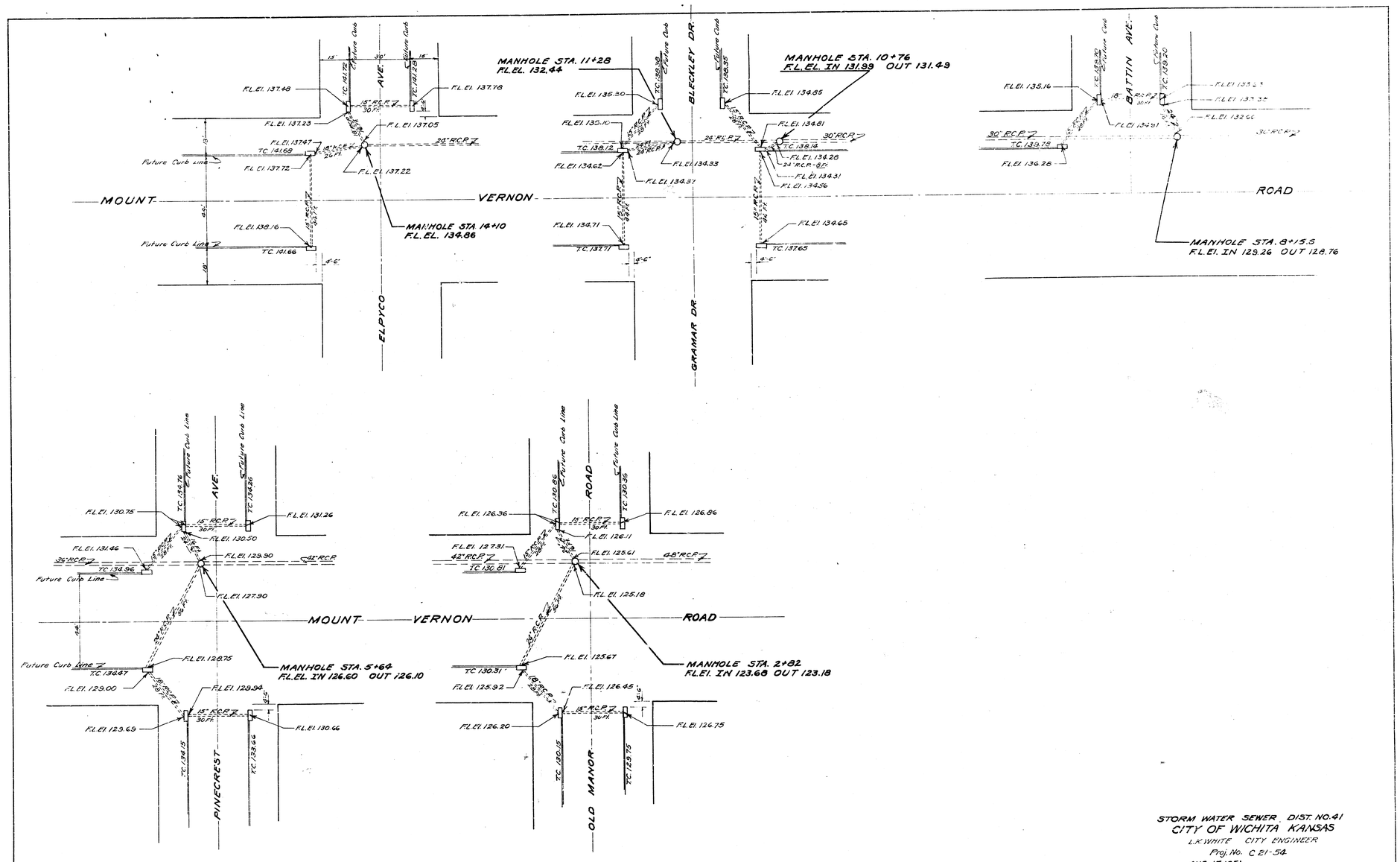
Date 8-10-51
Drawn By J.L.R.
Checked By
Note Book 116 E 2

STORM WATER SEWER DIST. NO. 41
CITY OF WICHITA KANSAS
L.K. WHITE CITY ENGINEER
Proj. No. C 21-54
AUG. 15, 1951



STORM WATER SEWER DIST. NO. 41
CITY OF WICHITA KANSAS
L. K. WHITE CITY ENGINEER
Proj. No. C 21-54
AUG. 15, 1951

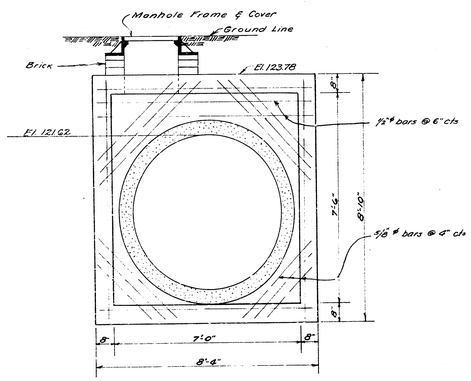
SHEET NO. 7 of 12



STORM WATER SEWER DIST. NO. 41
CITY OF WICHITA KANSAS
L.K. WHITE CITY ENGINEER
Proj. No. C 21-54
AUG. 15, 1951

MANHOLE STA. 26+30.6 LINE 1

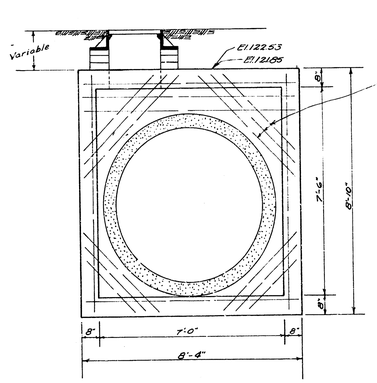
PLAN VIEW



ELEVATION

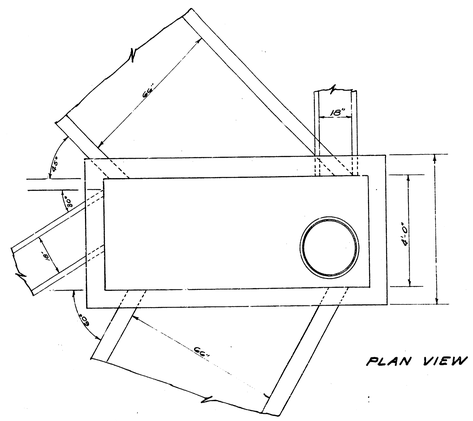
MANHOLE STA. 23+28.1 LINE 1
" " 21+57.9 " 1

PLAN VIEW

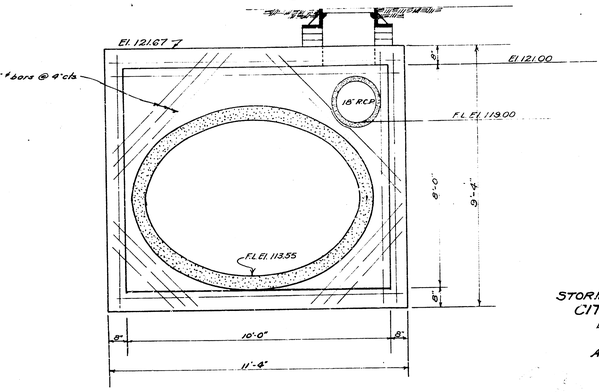


ELEVATION

MANHOLE STA. 19+75.2 LINE 1



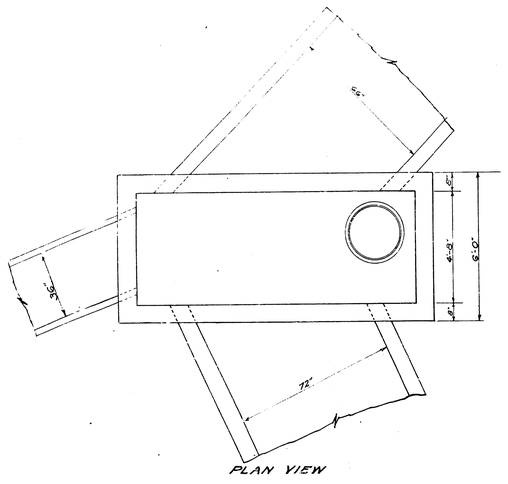
PLAN VIEW



ELEVATION

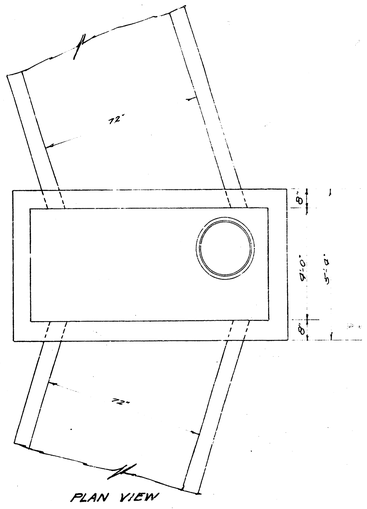
STORM WATER SEWER DIST. NO. 41
CITY OF WICHITA KANSAS
L.K. WHITE CITY ENGINEER
Proj. No. C-21-52
AUG. 15, 1951

MANHOLE STA. 18+47 LINE 1
" 0+00 " 2



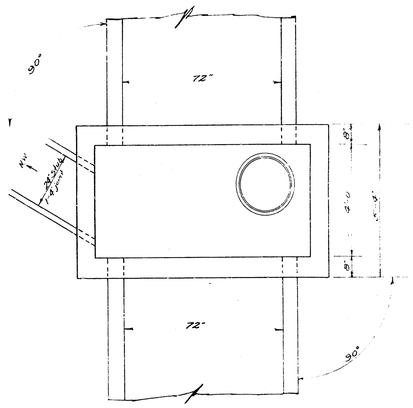
PLAN VIEW

MANHOLE STA. 7+93 LINE 1
" 4+70 " 1

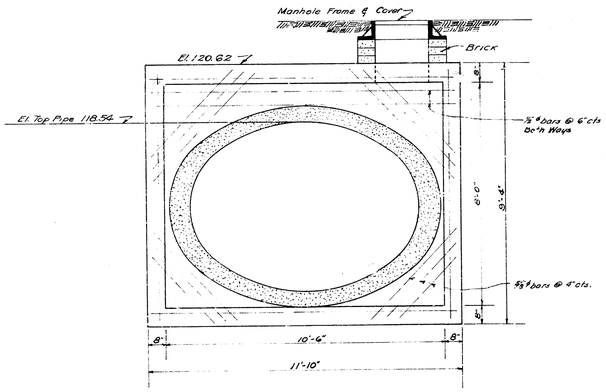


PLAN VIEW

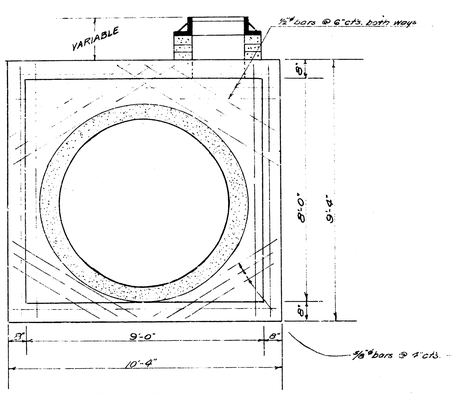
MANHOLE STA. 9+22 LINE 1



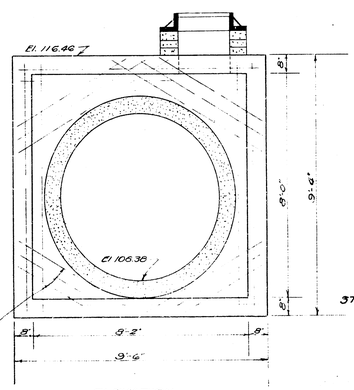
PLAN VIEW



ELEVATION



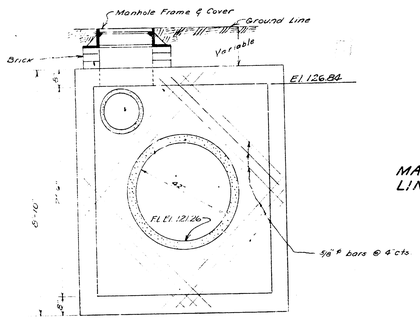
ELEVATION



ELEVATION

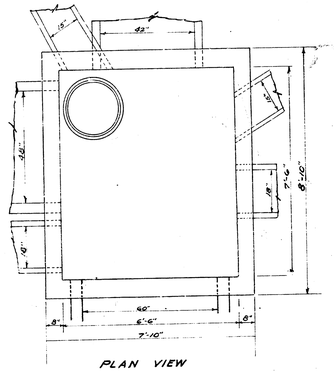
STORM WATER SEWER DIST. NO. 41
CITY OF WICHITA KANSAS
L.A. WHITE CITY ENGINEER
Proj. No. C21-54
AUG 15, 1951

SHEET NO. 10 of 12

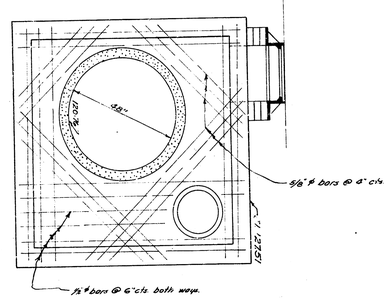


ELEVATION

MANHOLE STA. 34+15.6
LINE 1 & STA. 0+00 LINE 3

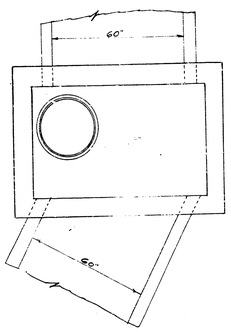


PLAN VIEW

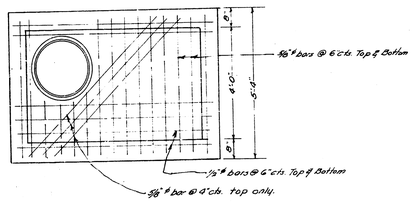


ELEVATION

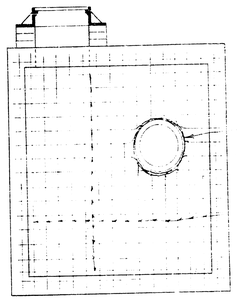
MANHOLE STA. 32+88.6 LINE 1
" " 31+33.4 " 1
" " 29+78.1 " 1



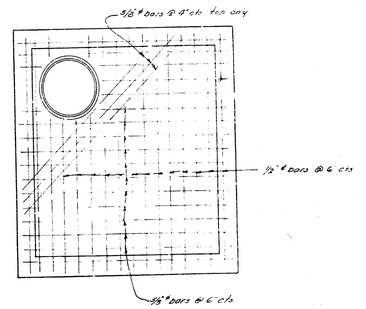
PLAN VIEW



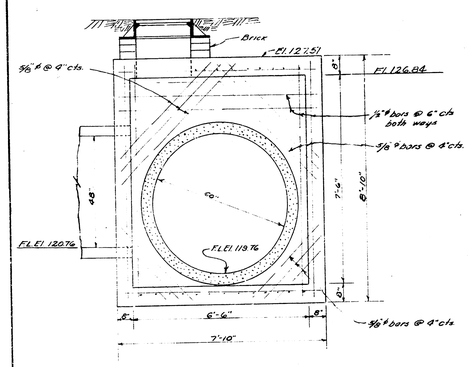
TOP & BOTTOM



TYPICAL WALL SEC.
STEEL PATTERN



TYPICAL SEC. TOP & BOTTOM
STEEL PATTERN



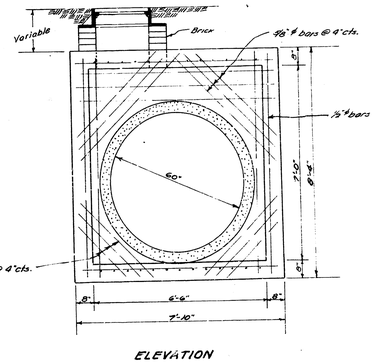
ELEVATION

NOTE:

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

In General: Pipes will enter and leave the manhole at various angles and elevations. Where possible, bend reinforcing bars around pipes (18" diameter or less). Where pipes are large, use 5/8" diagonal bars as shown.

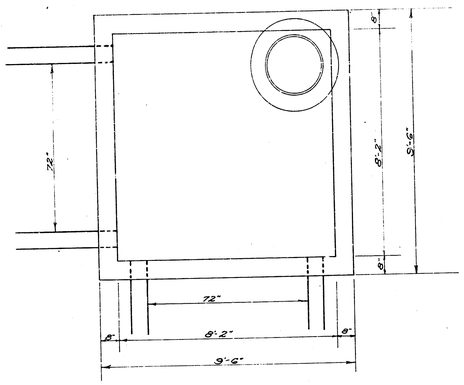
The floor of the manhole is to be sloped for flow and drainage with concrete. No deductions in concrete quantities shall be made for pipe openings. No additions in concrete quantities shall be made for shaping manhole floor. An internal vibrator is to be used for placing concrete.



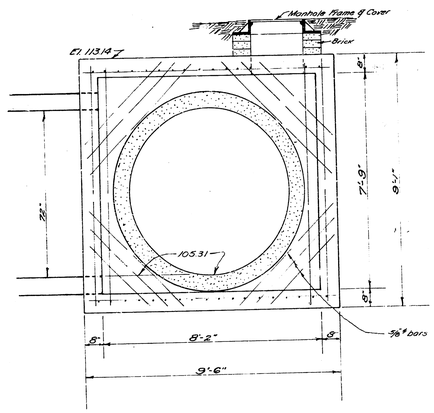
ELEVATION

STORM WATER SEWER DIST. NO. 41
CITY OF WICHITA KANSAS
L.K. WHITE CITY ENGINEER
Proj. No. C21-54
AUG. 15, 1951

MANHOLE STA. 2+40 LINE 1



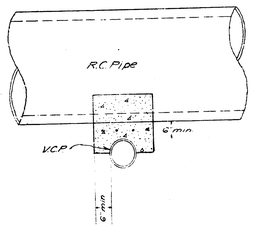
PLAN VIEW

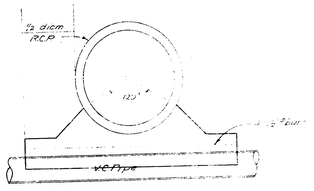


ELEVATION

CONCRETE ENCASEMENT DETAIL

No Scale





Concrete encasement of V.C. Pipe at all points where R.C. Pipe crosses, as required by the Field Engineer.

STORM WATER SEWER DIST. NO. 41
CITY OF WICHITA KANSAS
L. K. WHITE CITY ENGINEER
Proj No. C21-54
AUG. 15, 1951