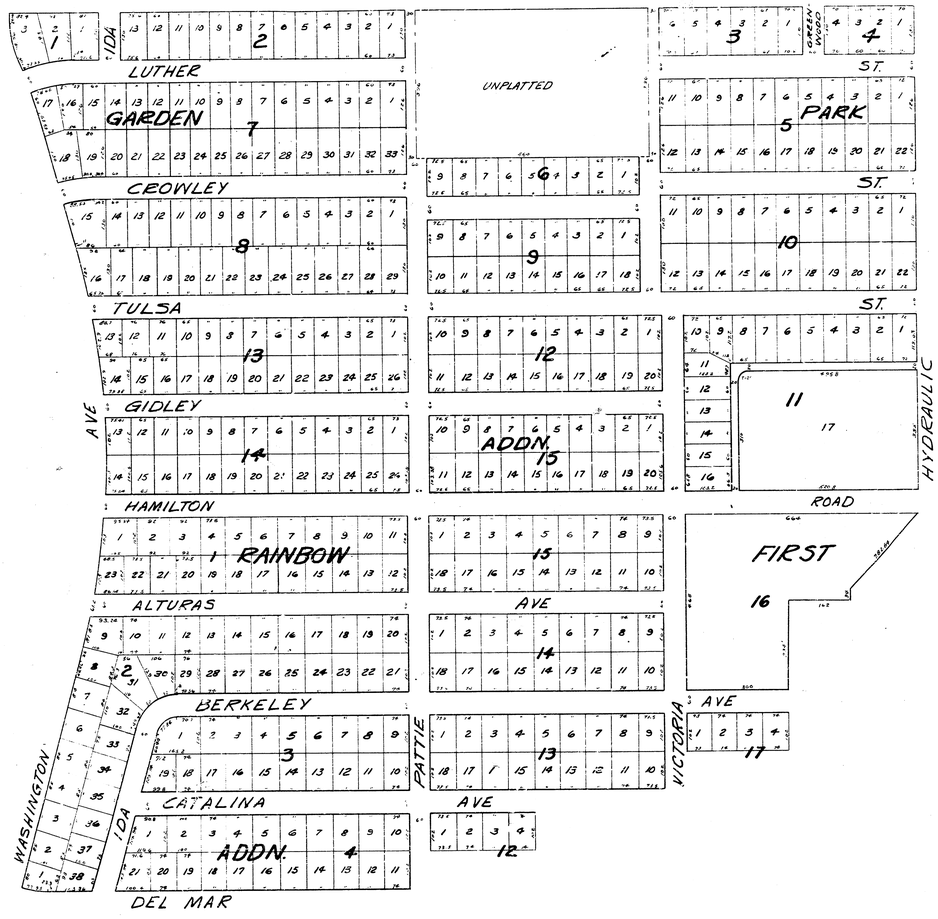
BENEFIT DISTRICT

STORM WATER SEWER NO. 56

CITY OF WICHITA, KANSAS

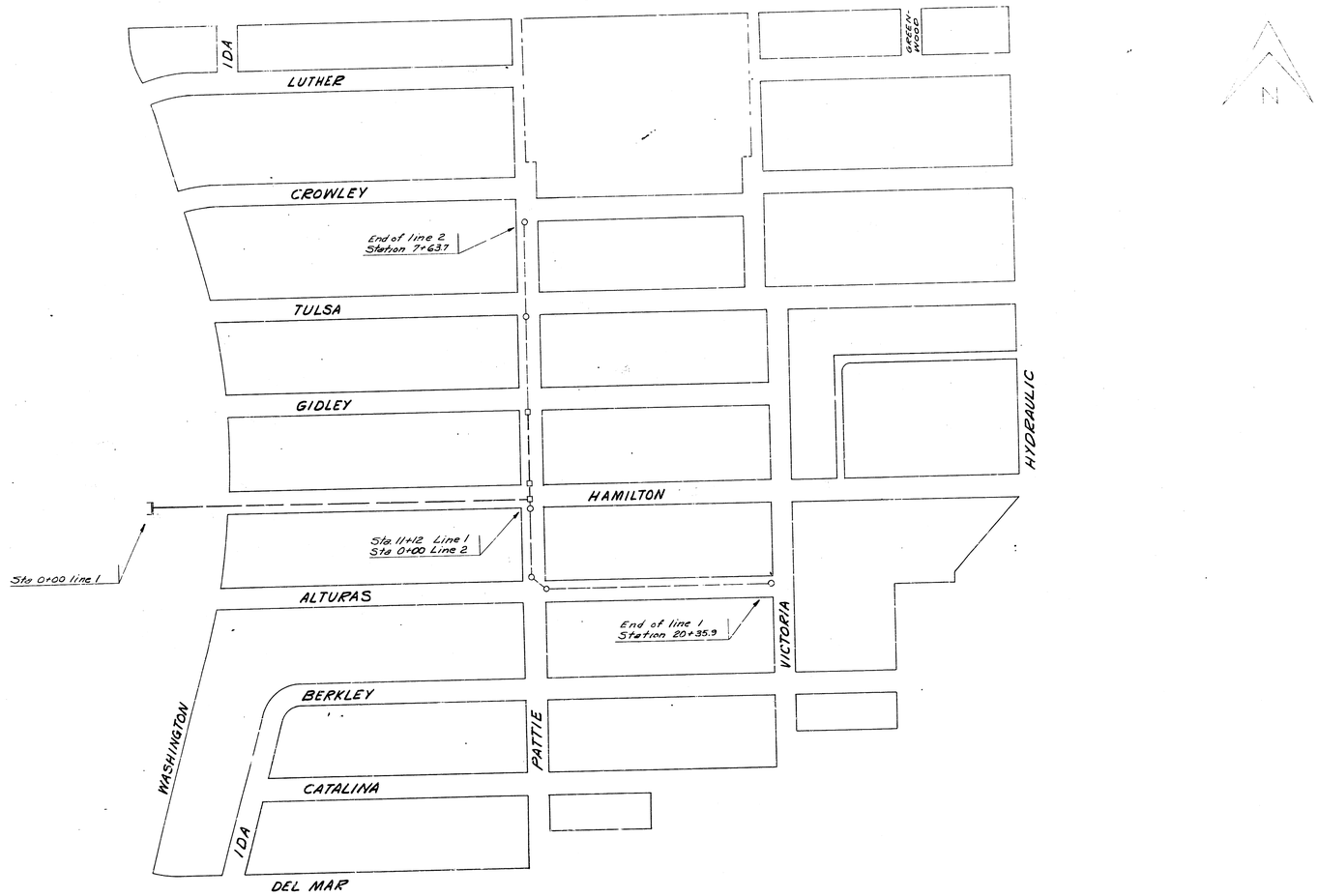
PROJ. NO. C24-29 APRIL, 1954

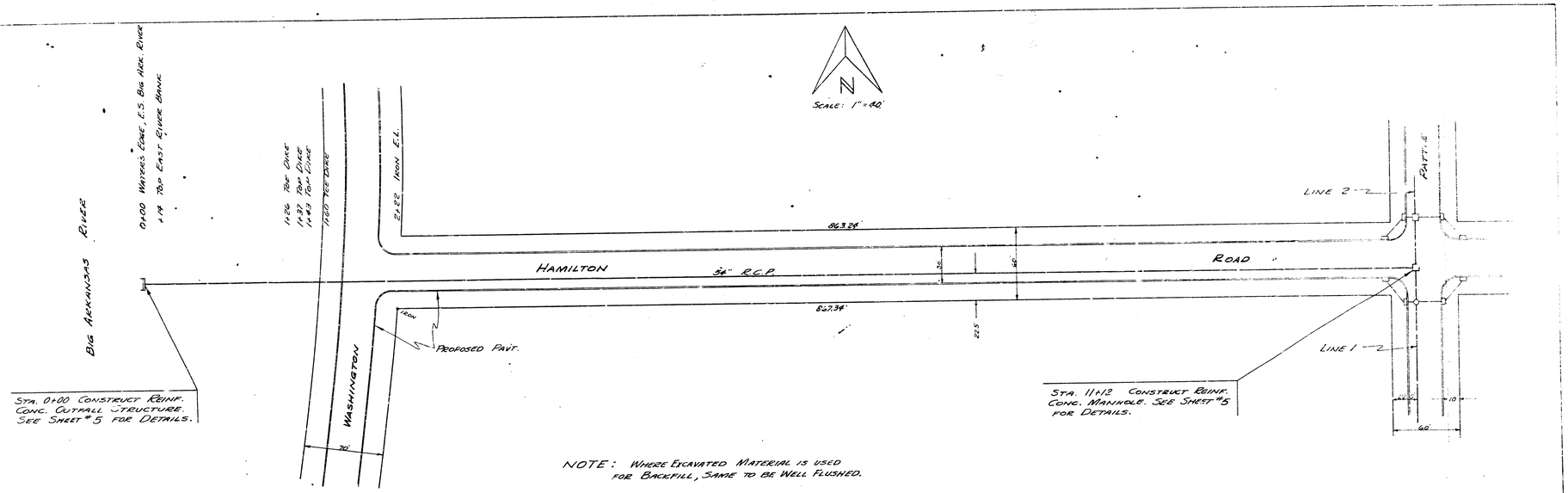


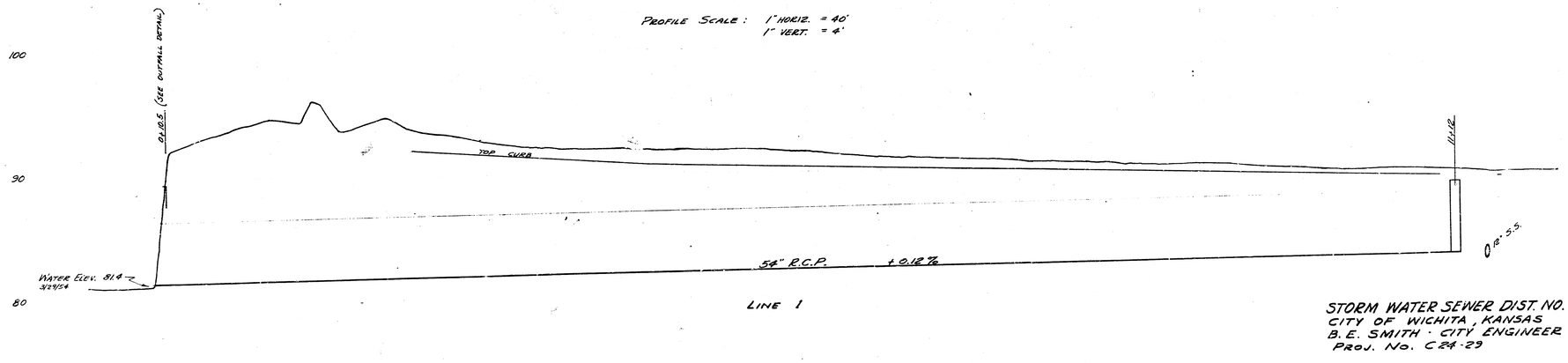
STORM WATER SEWER NO. 56
CITY OF WICHITA, KANSAS

B.E. SMITH — CITY ENGINEER

PROJECT NO. C 24-29 — APRIL, 1954







STORM WATER SEWER DIST. NO. 56
CITY OF WICHITA, KANSAS
B.E. SMITH · CITY ENGINEER
PROJ. NO. C-24-29

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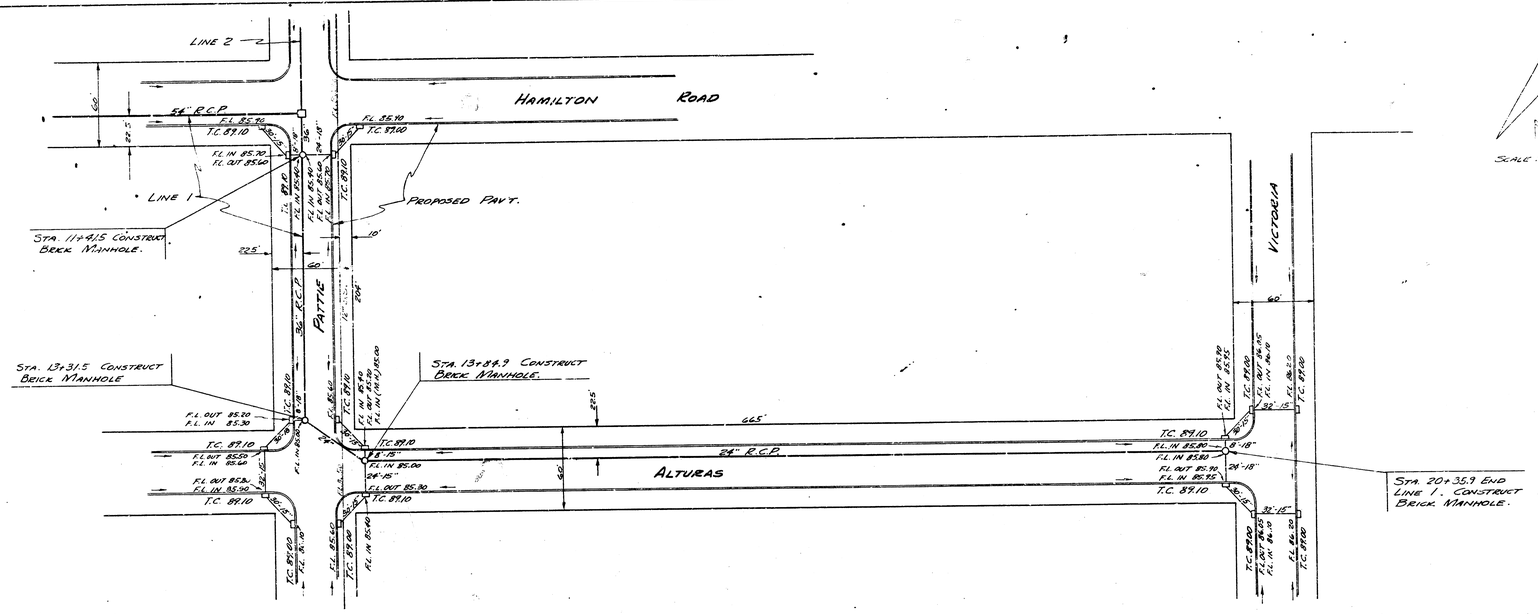
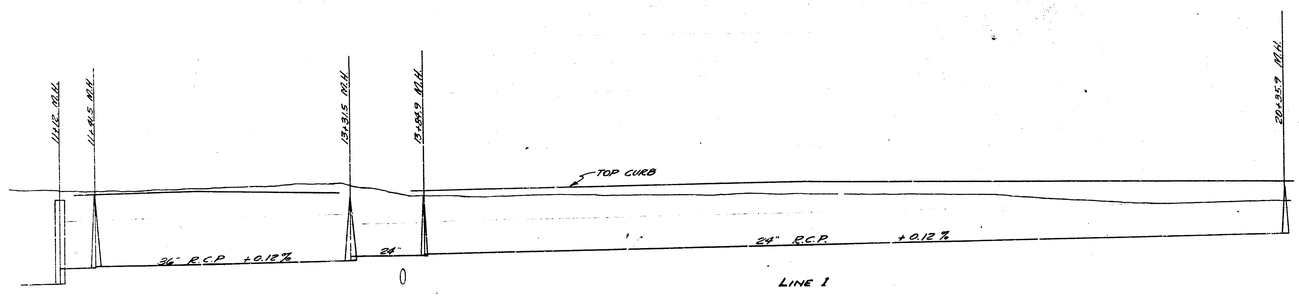
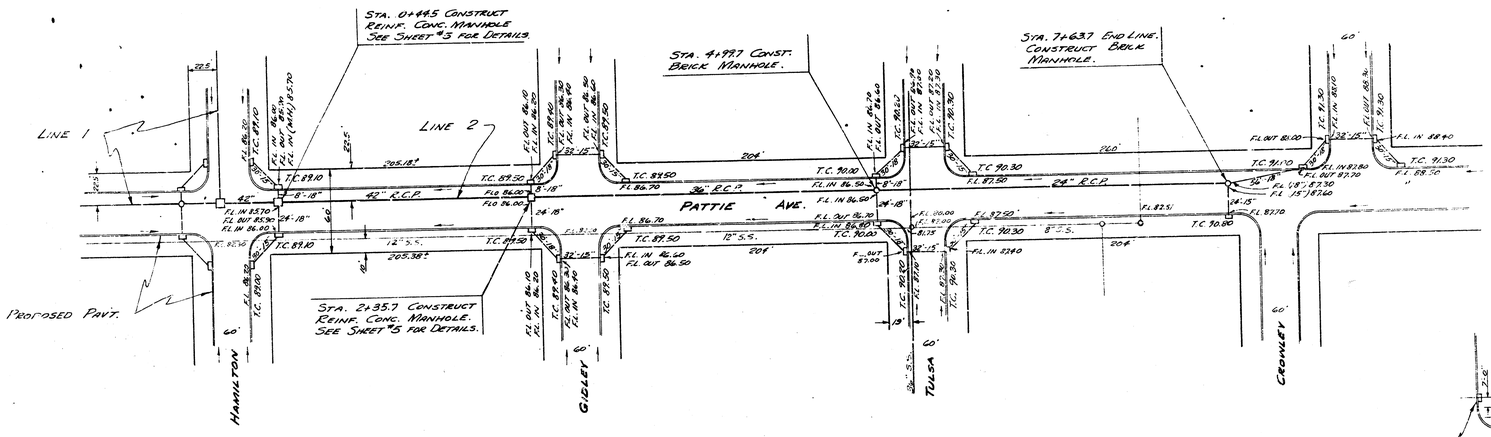
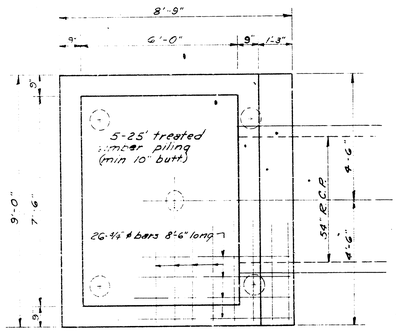


PROFILE SCALE : 1" HORIZ. = 40'
1" VERT. = 4'



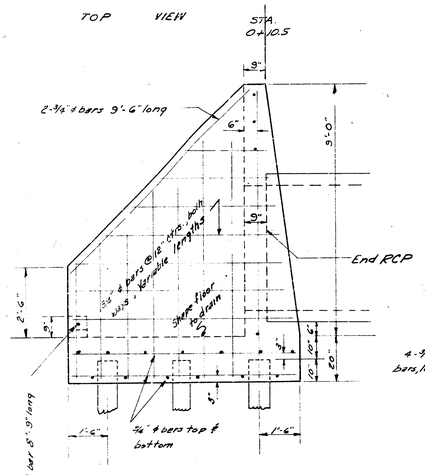
STORM WATER SEWER DIST. NO. 56
CITY OF WICHITA, KANSAS
B.E. SMITH - CITY ENGINEER
PROJ. NO. C24-29


Sta. 0+44.5 Construct Reinf. Conc. Manhole See Sheet #5 for Details.
Sta. 4+99.7 Const. Brick Manhole.
Sta. 7+63.7 End Line. Construct Brick Manhole.
LINE 1
LINE 2
PATTIE AVE.
HAMILTON
GIDLEY
TULSA
CROWLEY
Proposed Pavt.
Sta. 2+35.7 Construct Reinf. Conc. Manhole. See Sheet #5 for Details.
42" R.C.P.
36" R.C.P.
24" R.C.P.
12" S.S.
8" S.S.
205.38'
205.18'
204'
201'
T.C. 89.10
T.C. 89.50
T.C. 89.40
T.C. 89.50
T.C. 90.00
T.C. 90.30
T.C. 91.10
T.C. 91.30
F.L. IN 85.70
F.L. OUT 85.90
F.L. IN 86.10
F.L. IN 86.40
F.L. OUT 86.60
F.L. IN 86.80
F.L. OUT 87.00
F.L. IN 87.20
F.L. OUT 87.40
F.L. IN 87.60
F.L. OUT 87.80
F.L. IN 88.00
F.L. OUT 88.20
F.L. IN 88.40
F.L. OUT 88.60
F.L. IN

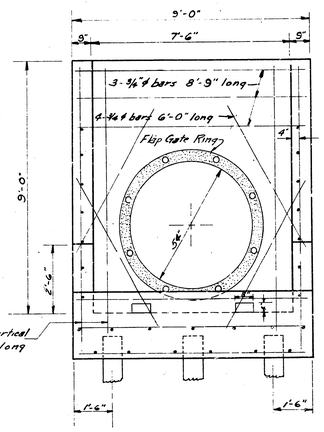


TOP VIEW

STA. 0+10.5



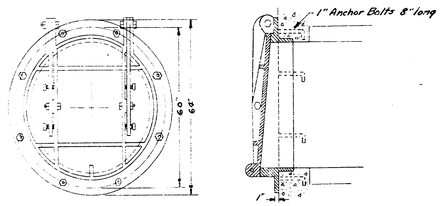
SIDE VIEW



END VIEW

REINFORCED CONCRETE OUTFALL STRUCTURE

Scale ½" = 1'-0"



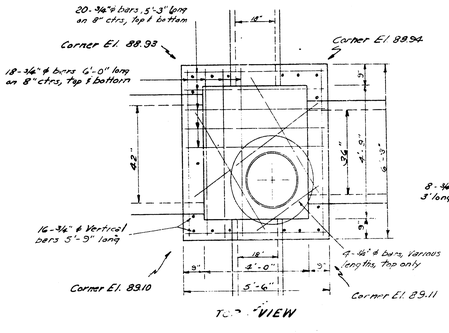
PEKRUL MODEL 16 AUTOMATIC FLAP GATE

No Scale

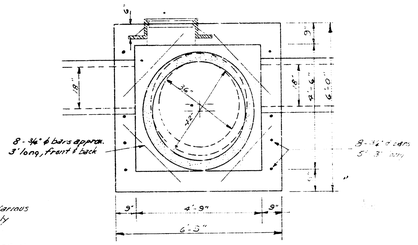
Concrete for structures shall contain not less than 1.65 barrels of cement per cubic yard. In no event shall the total water content exceed 6.25 gallons per sack. The mixture of fine and course aggregate shall be such as will produce a maximum density of the most workable mixture.

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 additional concrete quantities shall be made for shaping manhole floors. An internal vibrator shall be used for placing concrete.

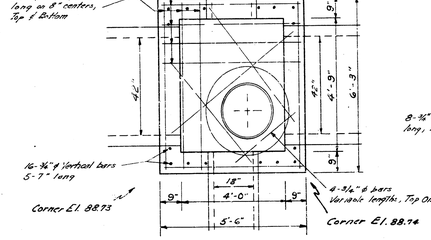


TOP VIEW

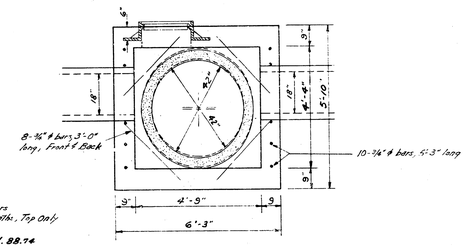


END VIEW

REINFORCED CONCRETE MANHOLE AT STATION 2+35.7

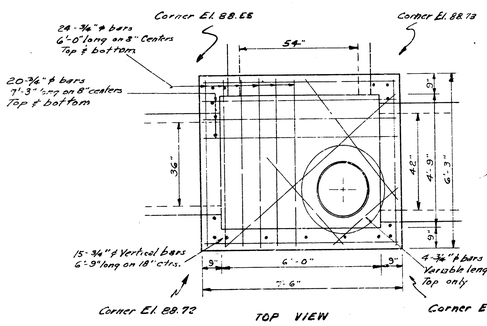


TOP VIEW

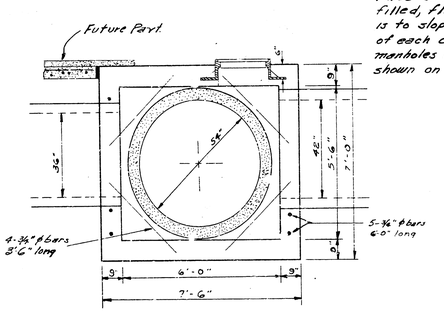


END VIEW

REINFORCED CONCRETE MANHOLE AT STATION 0+44.5



TOP VIEW



END VIEW

REINFORCED CONCRETE MANHOLE AT STATION 11+12

NOTE

The tops of the concrete manholes are to be the top of the base of future Asphaltic Concrete pavement. The excavation around all three concrete boxes is to be completely said filled, flushed, and vibrated. The top of the box is to slope to fit the pavement crown. Elevations of each corner are given. Height of concrete manholes will vary one to two inches from that shown on detail.

STORM WATER SEWER No. 56

CITY OF WICHITA

B. E. SMITH CITY ENGINEER

PROJ. No. C24-29

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