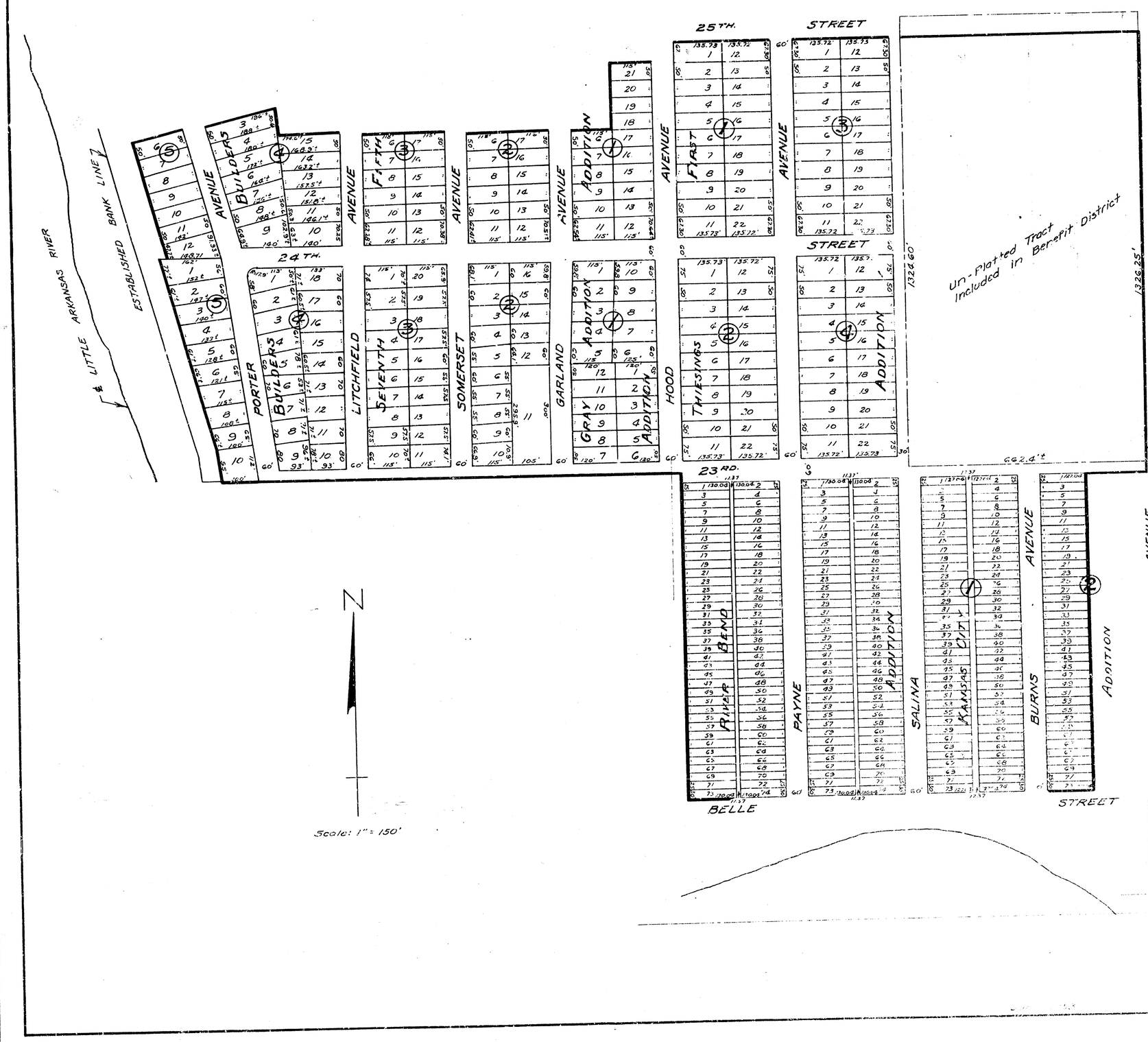
BENEFIT DISTRICT
STORM WATER SEWER DIST. NO. 54
CITY OF WICHITA KANSAS

B. E. SMITH CITY ENGINEER

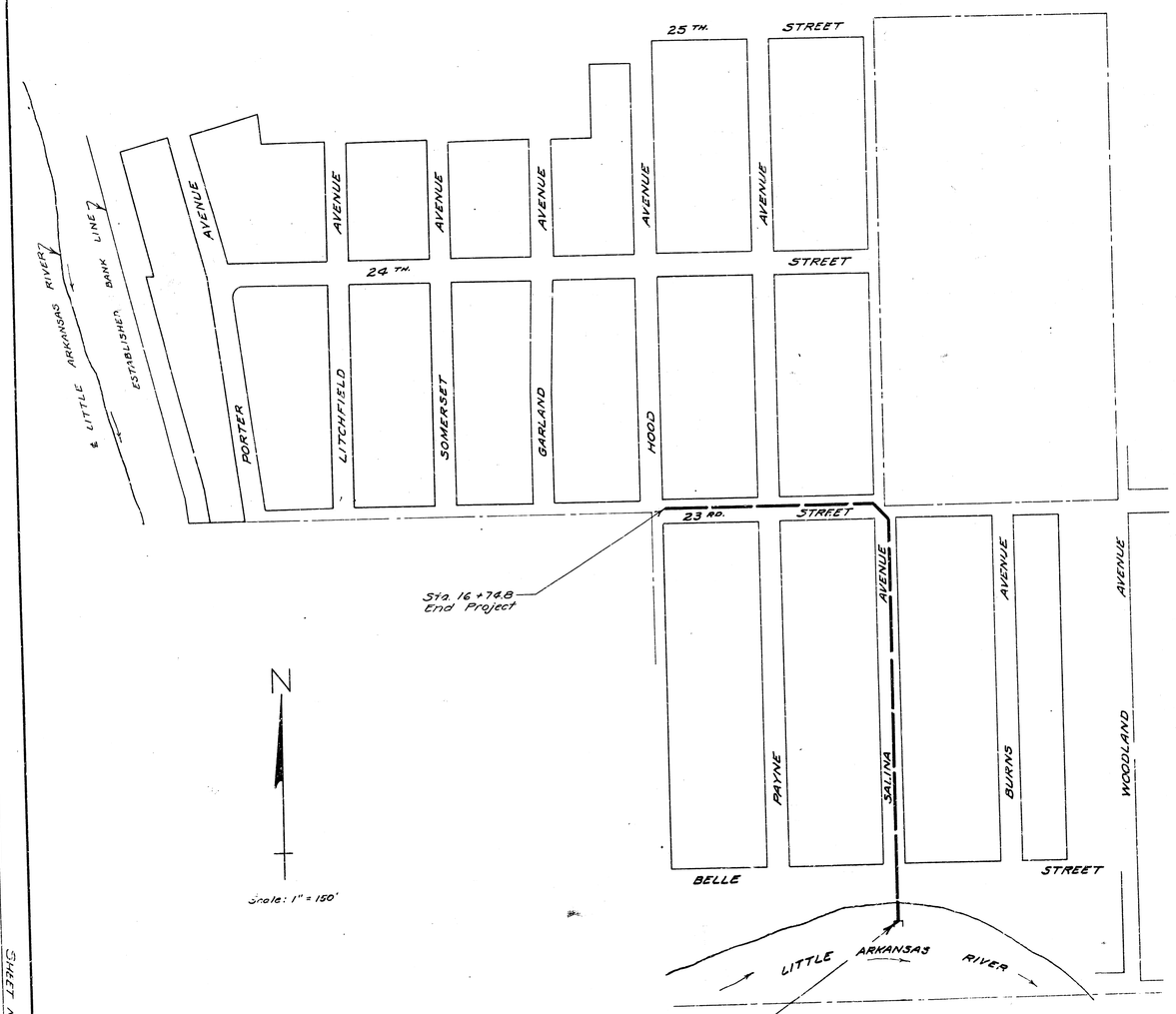


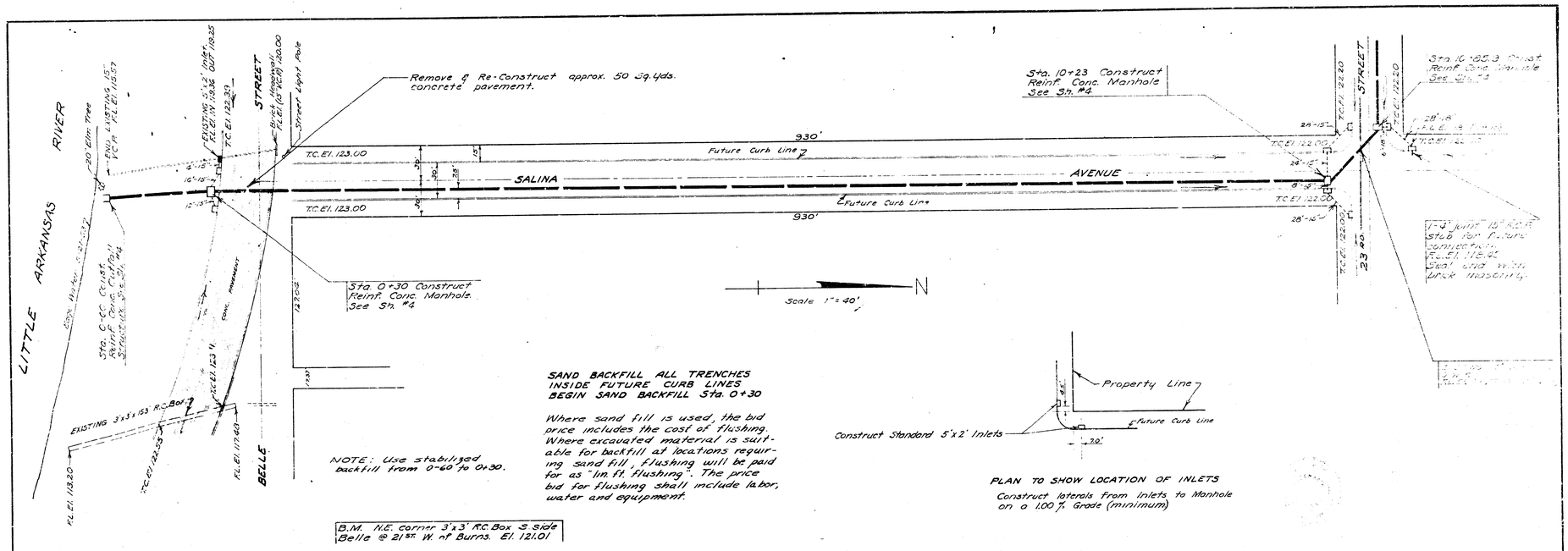
LOCATION MAP
STORM WATER SEWER DIST. NO. 54
CITY OF WICHITA KANSAS

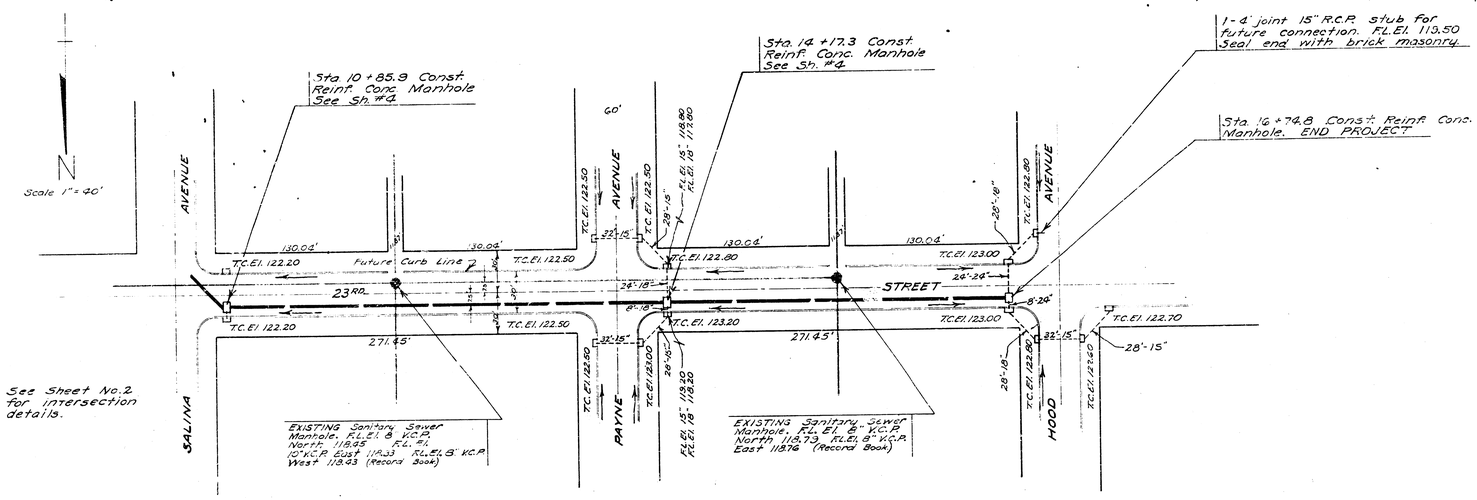
B.E. SMITH CITY ENGINEER

PROJECT NO. C 23-29

SHEET NO. 1 OF 4 SHEETS



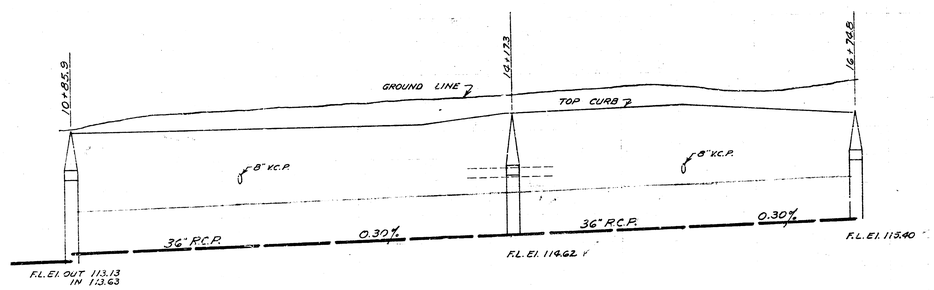

LITTLE ARKANSAS RIVER
STREET
BELLE
SALINA AVENUE
930'
930'
Future Curb Line
T.C. El. 123.00
T.C. El. 123.00
Remove & Re-Construct approx. 50 Sq. Yds. concrete pavement.
Sta. 0+30 Construct Reinf. Conc. Manhole See Sh. #4
Sta. 10+23 Construct Reinf. Conc. Manhole See Sh. #4
Sta. 10+82.9 Construct Reinf. Conc. Manhole See Sh. #4
Scale 1" = 40'
N
EXISTING 3'x3'x153' R.C. Box
NOTE: Use stabilized backfill from 0+60 to 0+30.
SAND BACKFILL ALL TRENCHES INSIDE FUTURE CURB LINES BEGIN SAND BACKFILL Sta. 0+30
Where sand fill is used, the bid price includes the cost of flushing. Where excavated material is suitable for backfill at locations requiring sand fill, flushing will be paid for as "lin. ft. flushing". The price bid for flushing shall include labor, water and equipment.
B.M. N.E. corner 3'x3' R.C. Box S. Side Belle @ 21st W. of Burns. El. 121.01
Property Line
Future Curb Line
Construct Standard 5'x2' Inlets
PLAN TO SHOW LOCATION OF INLETS
Construct laterals from inlets to Manhole on a 1.00% Grade (minimum)
PROFILE SCALE 1" = 40' Horiz. 1" = 8' Vert.
TOP CURB
0+30
10+23
10+82.9
42" R.C.P.
0.40%
0.30%
F.L. El. OUT 108.36 IN 109.86
F.L. El. OUT 112.84 IN 112.94
F.L. El. OUT 113.13 IN 113.63
El. 108.40
10'x6' R.C.P.
42" 0.30% 36"
108.60 108.64 110.07 110.37 110.67 110.97 111.27 111.57 111.67 112.17 112.47 112.77
0-60 0+00 1 2 3 4 5 6 7 8 9 10
Date 6-2-53
Drawn by J.L.A.
Checked by
Note Base No. CHM. 77 & 70Y
STORM WATER SEWER DIST. NO. 54
CITY OF WICHITA KANSAS
B.E. SMITH CITY ENGINEER
Proj. No. 23-29



See Sheet No. 2 for intersection details.

B.M. 60" Spk. S.E. side Tel. Pole 1st. pole W. of Hood, N.S. 23rd Street. El. 124.99

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



Date: 6-2-53
Drawn by: J.C.A.
Checked by:
Note Book No.

STORM WATER SEWER DIST. NO. 54
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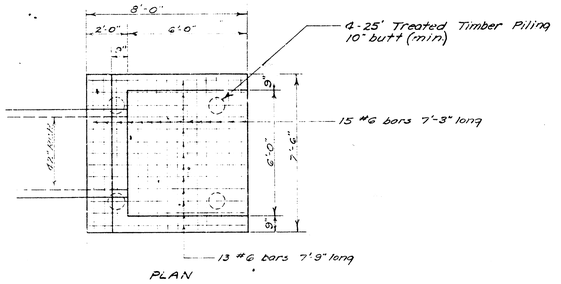
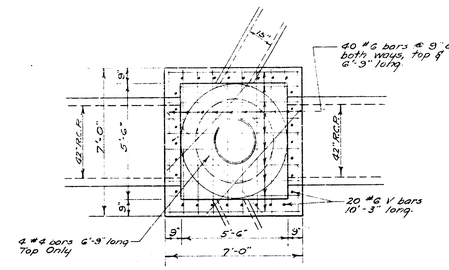


PLAN

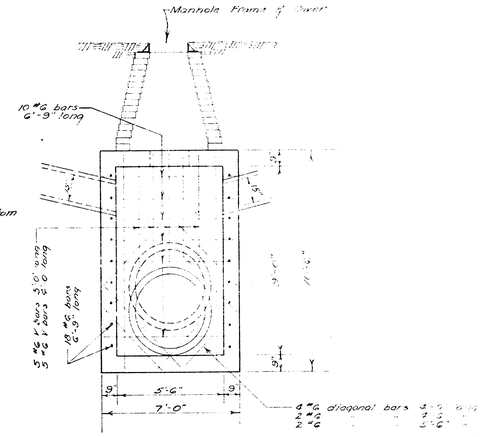
Concrete for structures shall contain not less than 1.65 bbls. of cement per cu. yd. of concrete. In no event shall the total water content exceed 6.25 gals. per sack of cement. The mixture of fine and course aggregate shall be such as will produce a maximum density of a most workable mixture.

IN GENERAL: — Pipes will enter and leave the manholes at various angles and elevations. Where possible bend reinforcing bars around pipes (24" diam. 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 floor. An internal vibrator shall be used for placing concrete.



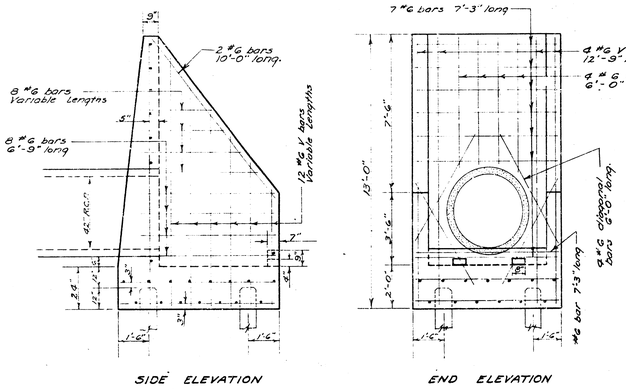
PLAN



ELEVATION

REINF. CONC. MANHOLE Sta. 0+30

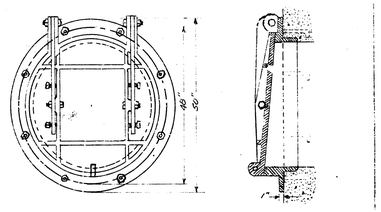
Scale 3/8" = 1'-0"



SIDE ELEVATION — END ELEVATION

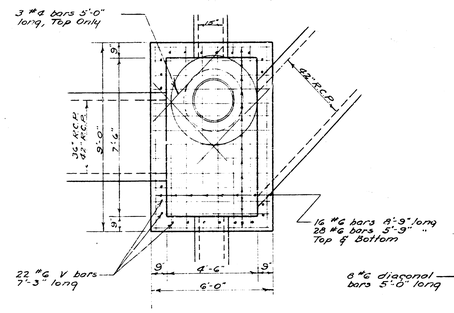
REINF. CONC. OUTFALL STRUCTURE

Scale 3/8" = 1'-0"

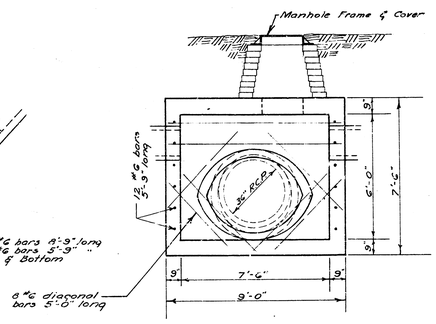


PEKRUL MODEL 16 AUTOMATIC FLAP GATE

NO SCALE



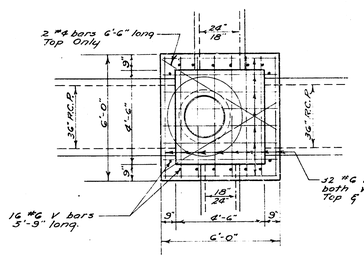
PLAN



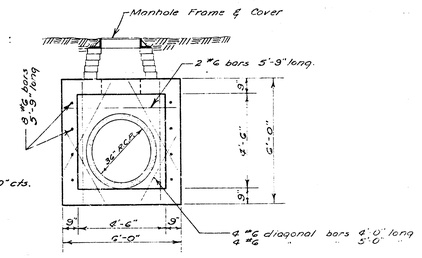
ELEVATION

REINF. CONC. MANHOLE Sta. 10+23
Sta. 10+85.9

Scale 3/8" = 1'-0"



PLAN



ELEVATION

REINF. CONC. MANHOLE Sta. 14+17.3
Sta. 16+74.8

Scale 3/8" = 1'-0"

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