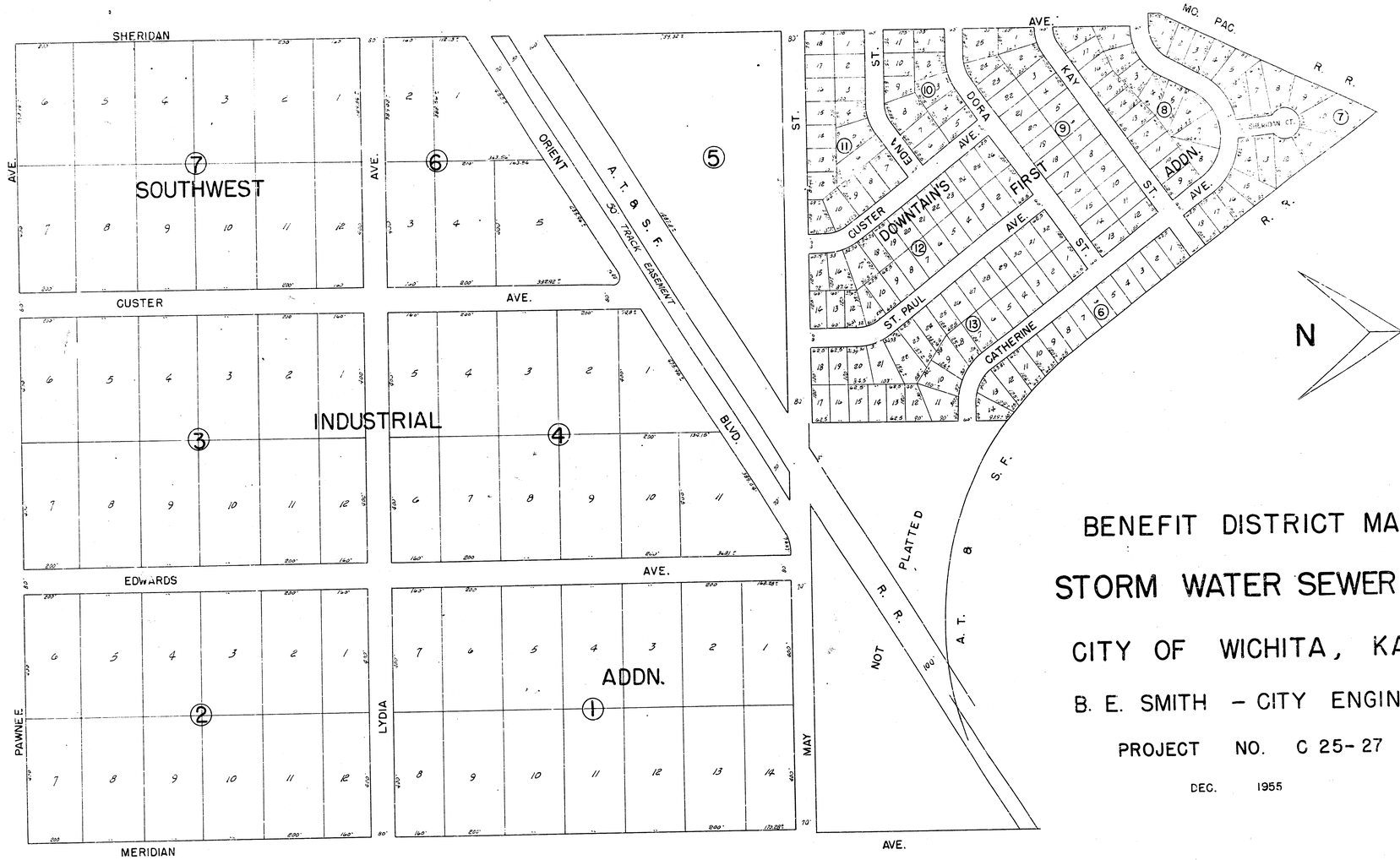


BENEFIT DISTRICT MAP

STORM WATER SEWER №62

CITY OF WICHITA, KANS.

B. E. SMITH – CITY ENGINEER

PROJECT NO. C 25-27

DEC. 1955

MERIDIAN
VILLAGE
SOUTHWEST
ADDITION TO
ALLEY
ST. CLAIR AVE.
EVERETT
BENNETT
ORIENTA
GLENN
VINE
BONN
HIRAM
EUCLID
RENOLLET
RENOLLET 2ND
RENOLLET 3RD ADDN.
FERGUSON ADDN.
MAYFIELD ADDN.
LANGFORD ADDN.
PARK
PAWNEE
LOTUS
LYDIA
RITA
GRANT
HADDEN
FIRST
SAVANNAH
MAXWELL
ATLANTA
JEWELL
MAY
4TH ST.
BLVD.
NOT PLATTED
AVE.
ST.

N

S. W. S. NO. 62
PROJ. NO. C 25-27
SHEET 2 OF 3

This line being 143.32' south and parallel to north line of S.E.¼ Sec. 31 Twp 27 S. R.1E.

E. East line of Mayfield 460.3'

This point being 200' East and 266.77' South of the N.E. cor. of the S.E.¼ Sec. 31, Twp 27, R1E.

This point being 597.23' East and 266.77' South of the N.E. cor. of the S.E.¼ Sec 31, Twp 27, R.1.E.

PLATTED

NOT

BEATTY & JOHNSON

JEWELL ST.

ADDN.

HARPERS 2ND

RITA ST.

ELIZABETH

ADDN. ①

LYDIA AVE.

WILLENA ADDN.

RENOLLET

H.J. KLEIN ADDN.

5TH ADDN.

EXPOSITION

LOTUS ST.

LOTS 6-7-15-16-17 ① ACRES

② ADDITION

③ ACRES OF ②

④ ACRES

HASKELL ST.

LANGFORD

VINE

⑤ REPLAT OF ③

⑥ REPLAT OF LOTS 4 & 5 HAYCRAFT ACRES

⑦

MILLWOOD

HAYCRAFT

BLAKE ST.

MEYERS GARDENS

SENECA

PAWNEE AVE.

GLENN AVE.

A. BROWN'S ADDN.

FERN AVE.

ELIZABETH AVE.

WESTWAY ②

MARTINSON AVE.

PARK

ADDN. ①

NOT PLATTED

529.38'

LLOYD A E.

LYDIA ST.

OSAGE AVE.

R. R.

NICHOLS ADDITION

MIDLAND ①

WALNUT ST.

SCHALLMO A B

VILLA ③ ADDN.

VALLEY AVE.

MIDLAND ADDN.

OAK ST.

LEONARD ST.

HANDLEY ST.

POWELL ST.

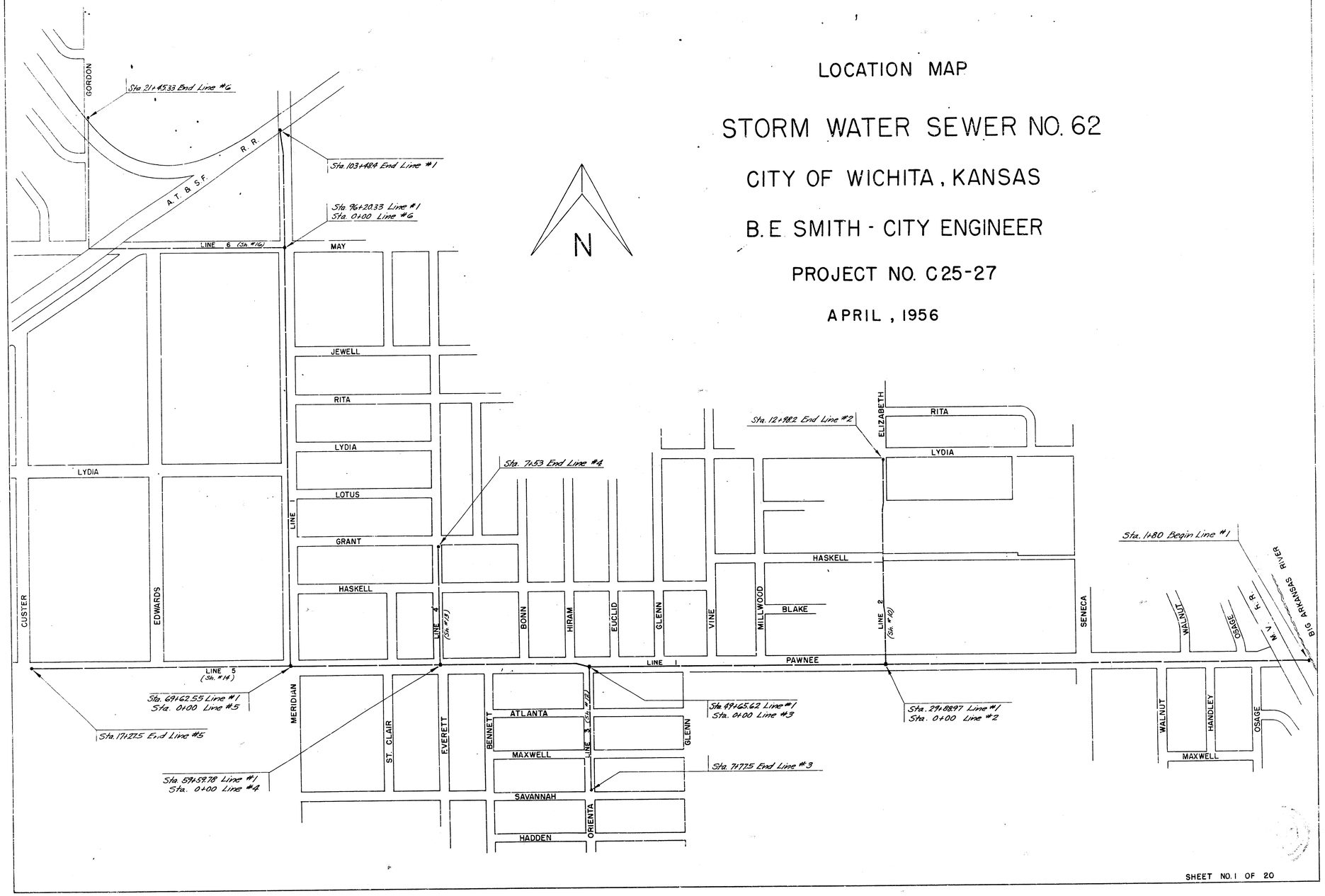
MAXWELL AVE.

N

S. W. S. NO. 62

PROJECT NO. C25-27

SHEET 3 OF 3



N

LOCATION MAP

STORM WATER SEWER NO. 62

CITY OF WICHITA, KANSAS

B. E. SMITH - CITY ENGINEER

PROJECT NO. C25-27

APRIL, 1956

Scale: 1" = 40'

Sta. 1+50 Construct Reinf. Conc. Outfall See Sheet #18 for Details.

Sta. 5+66.5 Construct Reinf. Conc. M.H. See Sh. #18 for Details

OSAGE

HANDLEY

WALNUT

PAWNEE

BIG ARKANSAS RIVER

M.V.R.R.

T.C. 98.60 F.L. Out 93.50

F.L. In 92.60 F.L. Out 92.50

135'±

255'

T.C. 97.00

12" Gas

T.C. 98.60

T.C. 99.00

254.5'

T.C. 99.30

T.C. 99.10

F.L. Out 91.45

F.L. In 91.20

F.L. In 91.50 F.L. Out 92.60

F.L. In 92.00

T.C. 96.85

Install 2-2'x5' C.B.s Connect with 4-15" R.C.P.

T.C. 97.30

F.L. Out 96.40

322.77'

130'

430'

NOTE: Pipe deflects 2°58' at Sta. 5+66.5

Encase 30 Lin. Ft. Pipe under R.R. . See Sh. #20 for details.

NOTE TO CONTRACTOR:
Bid price of fill sand shall include cost of flushing ditch where sand fill is used. Where excavated material is used as back-fill - Lin. Ft. of flushing will be paid.

B.M. 103.447 City Standard
6' W. & 2' N. of N.E. Cor. Pawnee & Seneca

+0.080 % 72" R.C.P.

+0.070 % 72" R.C.P.

100
90
80

1+10 2+10 3+10 4+10 5+10 6+10 7+10 8+10 9+10 10+10 11+10 12+10 13+10 14+10

86.36 F.G. Out
86.38
86.46
86.54
86.62
86.67 F.G. Out
86.67 F.G. In
86.69
86.76
86.83
86.90
86.97
87.04
87.11
87.18
87.25

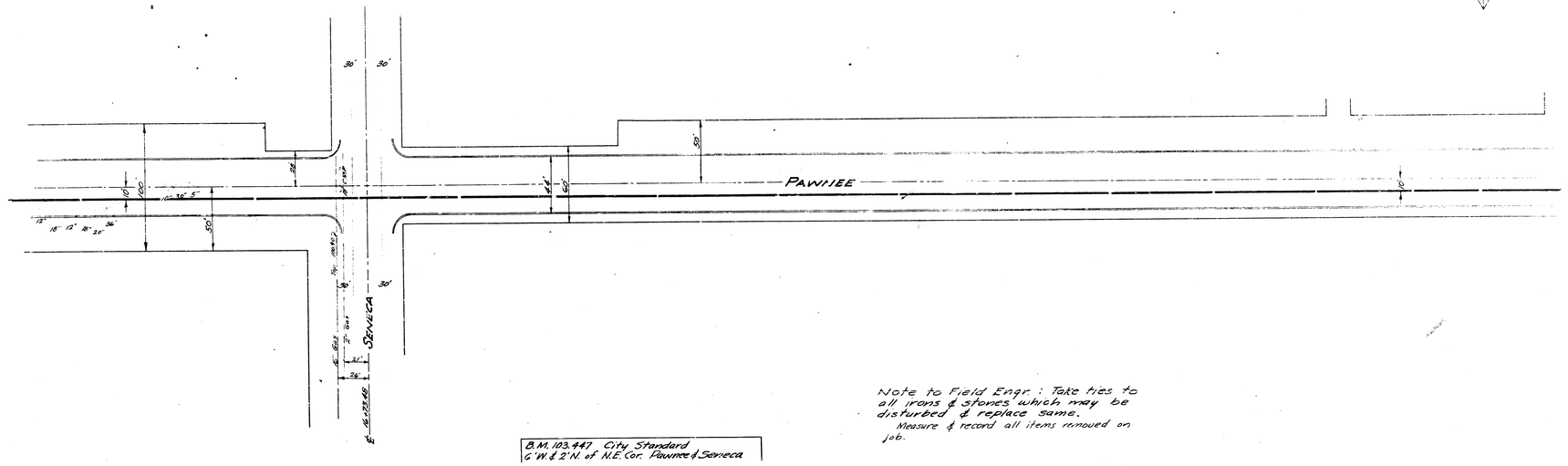
STORM WATER SEWER No. 62

PROJECT No. C25-27

SHEET No. 2 OF 20

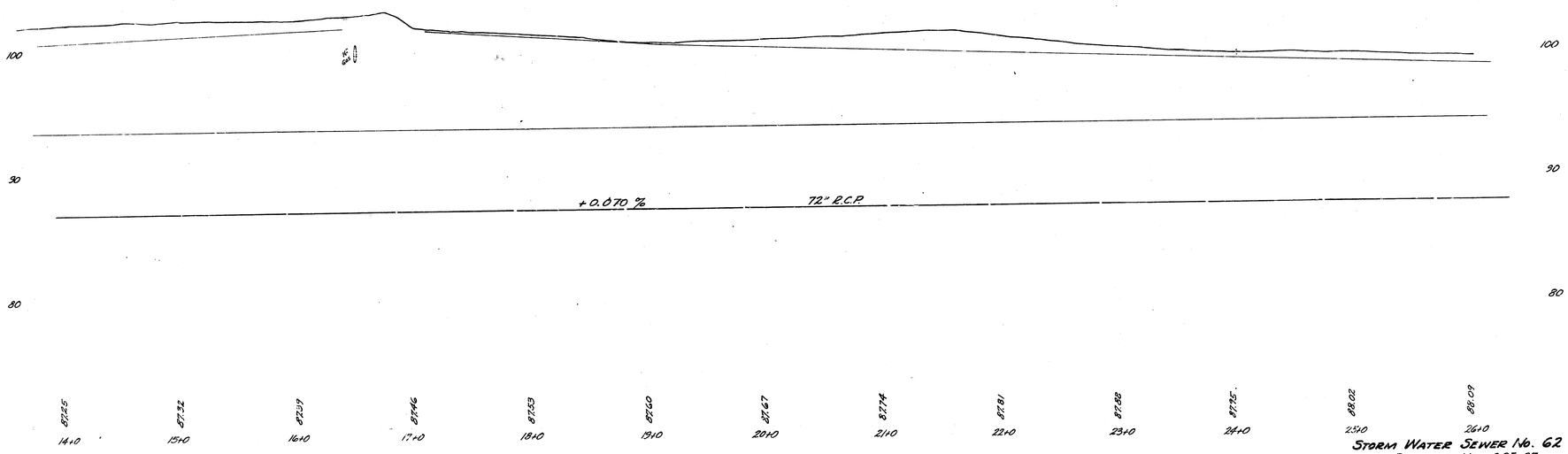
Scale: 1" = 40'

N

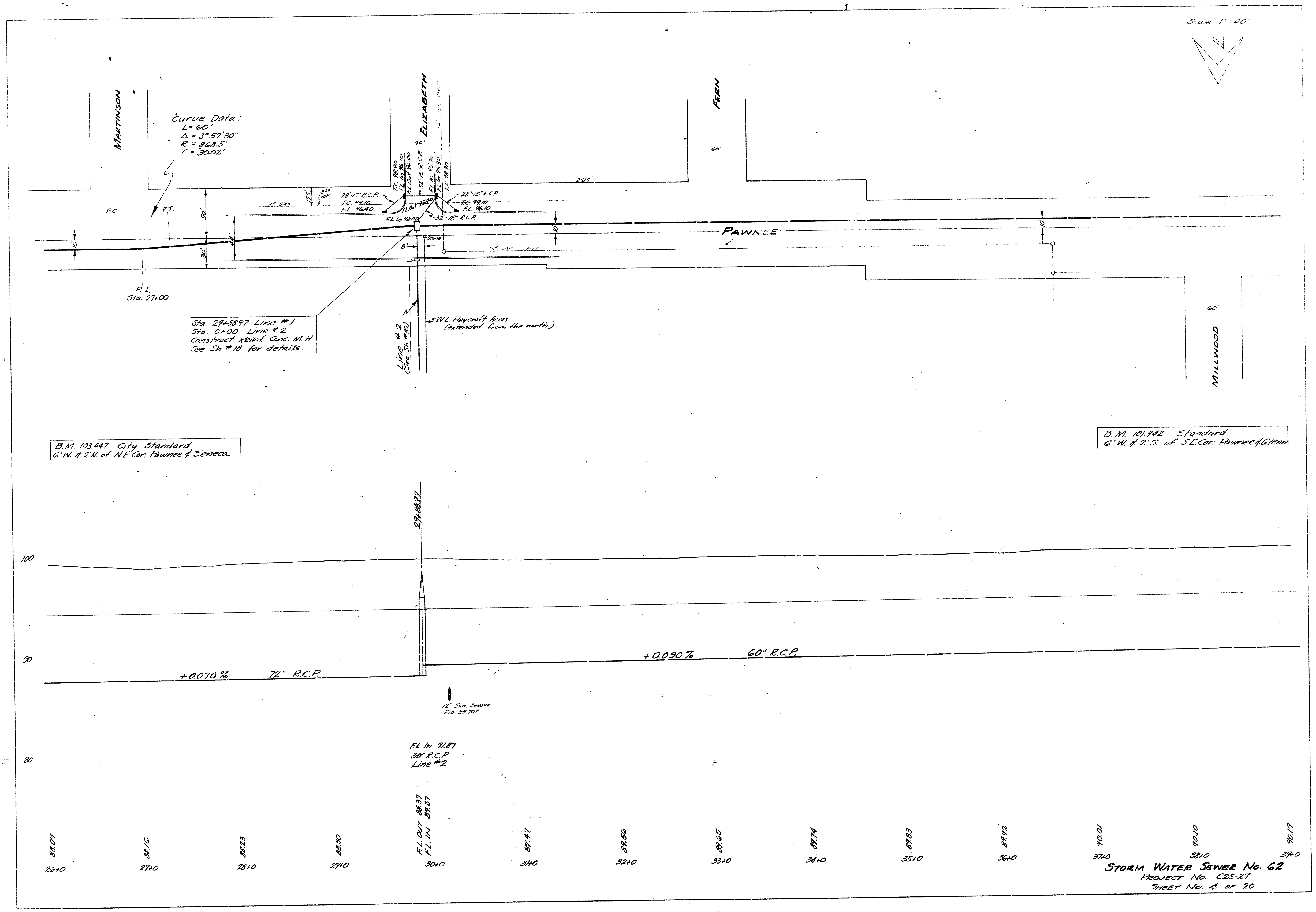


B.M. 103.447 City Standard
6' W. & 2' N. of N.E. Cor. Pawnee & Seneca

Note to Field Engr.: Take ties to all irons & stones which may be disturbed & replace same.
Measure & record all items removed on job.



STORM WATER SEWER No. 62
PROJECT No. C.25-27
SHEET No. 3 of 20



Scale: 1" = 40'
MARTINSON
ELIZABETH
FERN
MILLWOOD
PAWNEE
Curve Data:
L = 60'
Δ = 3°57'30"
R = 868.5'
T = 30.02'
P.C.
P.T.
P.I.
Sta. 27+00
28'-15" R.C.P.
T.C. 99.10
F.L. 96.40
F.L. In 93.00
32'-18" R.C.P.
F.L. 96.10
Sta. 29+88.97 Line #1
Sta. 0+00 Line #2
Construct Reinf. Conc. M.H.
See Sh. #18 for details.
Line #2 (See Sh. #10)
S.W.L. Haycraft Acres (extended from the north)
B.M. 103.447 City Standard
6' W. & 2' N. of N.E. Cor. Pawnee & Seneca
B.M. 101.942 Standard
6' W. & 2' S. of S.E. Cor. Pawnee & Glenn
29+88.97
+0.070% 72" R.C.P.
+0.090% 60" R.C.P.
12" San. Sewer
F.L. In 91.87
30" R.C.P.
Line #2
100
90
80
88.09
88.16
88.23
88.30
F.L. OUT 88.37
F.L. IN 89.37
89.47
89.56
89.65
89.74
89.83
89.92
90.01
90.10
90.19
26+0
27+0
28+0
29+0
30+0
31+0
32+0
33+0
34+0
35+0
36+0
37+0
38+0
39+0
Storm Water Sewer No. 62
Project No. C25-27
Sheet No. 4 of 20

Scale: 1" = 40'

N

Sta. 47+58.37 Construct Reinf. Conc. Manhole See Sh. #19 for Details.

Sta. 49+65.62 Line #1
Sta. 0+00 Line #3
Construct Reinf. Conc. M.H.
See Sh. #19 for details.

Sta. 50+30.5 Construct Reinf. Conc. Manhole See Sh. #19 for details

GLENN

OKENTA

PAWNEE

EUCLID

HIRAM

VINE

GLENN

60'

40'

22.8'

600'

134'

145'

240'

290'

10' Rad.

Line #3 (For Sta. 0+00)

Sta. 43+20.37 E. Corner Sta. (See Cor.)

FL Out 96.30
FL In 94.82
TC 99.30
9-15" R.C.P.

FL In 94.50
29'-18" R.C.P.

FL Out 94.30
FL In 95.00
TC 99.30
28-18" R.C.P.

FL 96.30
TC 99.30
28-15" R.C.P.

FL 96.40
15"-15" R.C.P.
FL In 95.00

FL In 94.30
FL Out 95.00
FL In 94.10
TC 99.30
28-18" R.C.P.

9'-18" R.C.P.

FL 96.42
TC 99.42
30-15" R.C.P.
FL Out 95.78
FL In 94.00
TC 99.42

FL 96.40
TC 99.40
30-15" R.C.P.
FL In 95.10
FL In 95.20
TC 99.40

B.M. 101.942 Standard
6' W & 2' S. of S.E. Cor. Pawnee & Glenn

47+58.37

49+65.62

50+30.5

100

90

80

+0.090% 60" R.C.P.

+0.078% 60" R.C.P.

+0.064% 60" R.C.P.

+0.060% 60" R.C.P.

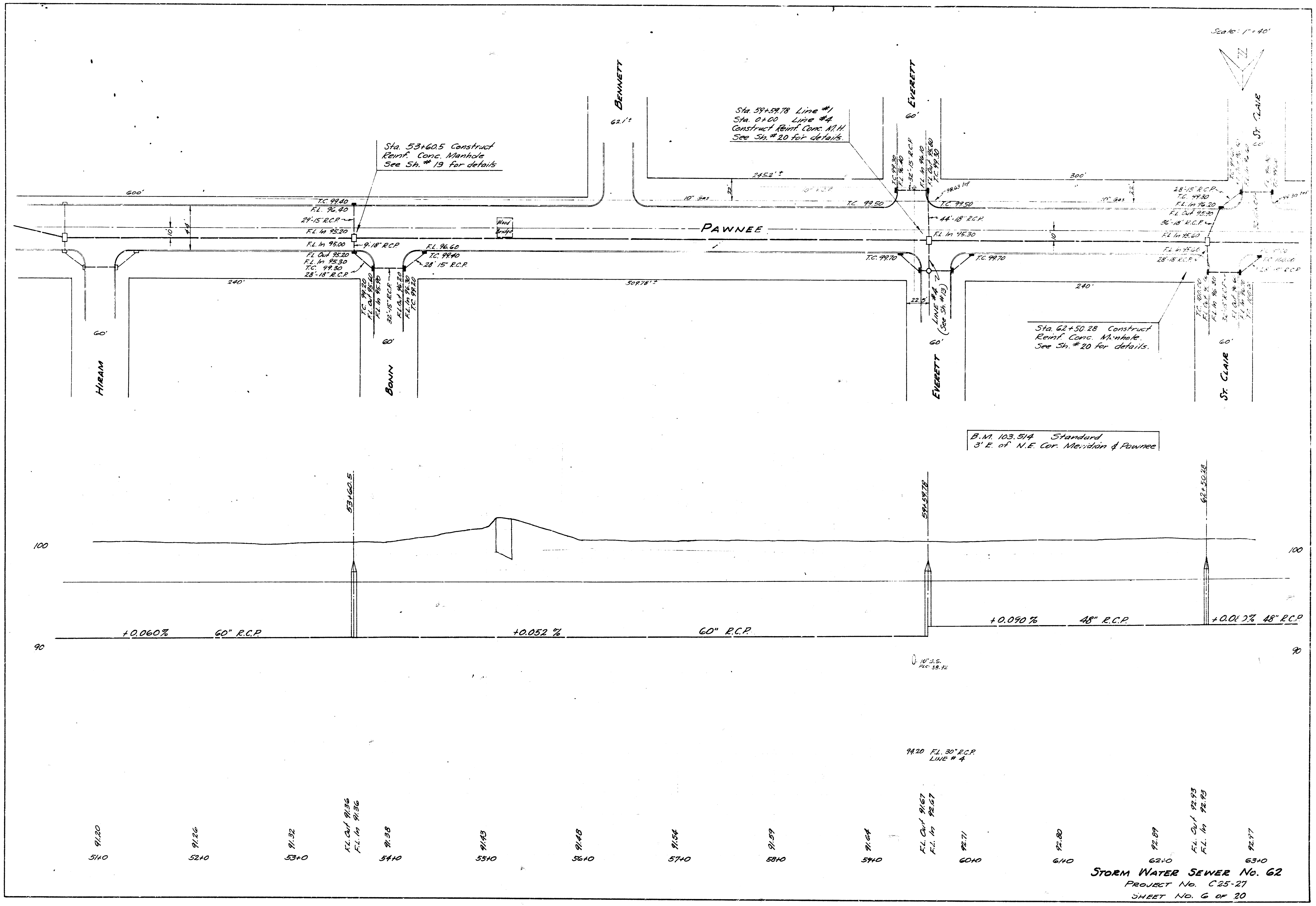
FL In 94.12
Line #3
24" R.C.P.

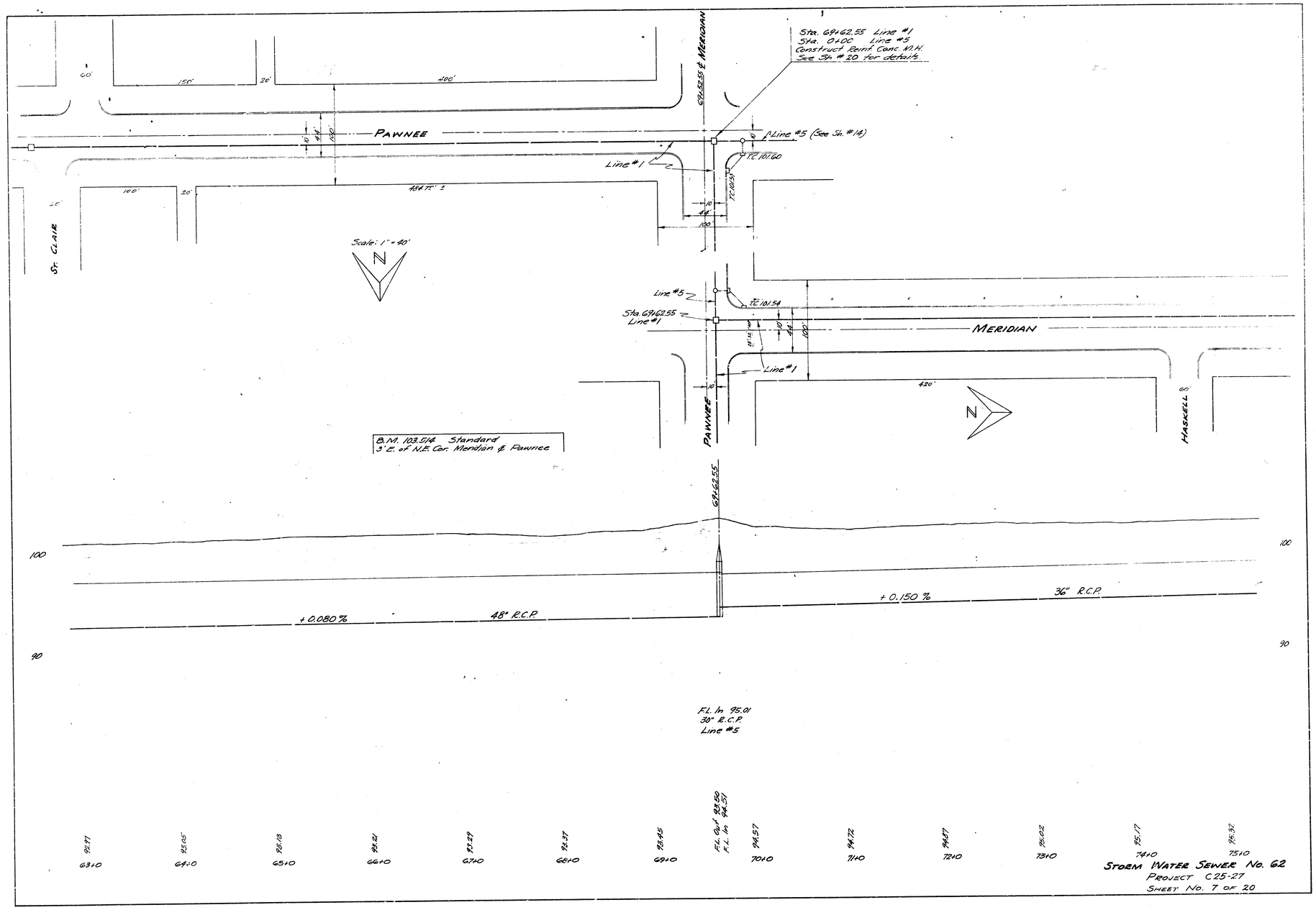
92.19	92.28	92.37	92.46	92.55	92.64	92.73	92.82	92.91	FL Out 93.96 FL In 93.76	92.99	93.07	FL Out 94.13 FL In 94.12	93.14	FL Out 94.18 FL In 94.18	93.20		
39+0	40+0	41+0	42+0	43+0	44+0	45+0	46+0	47+0		48+0	49+0		50+0		51+0		

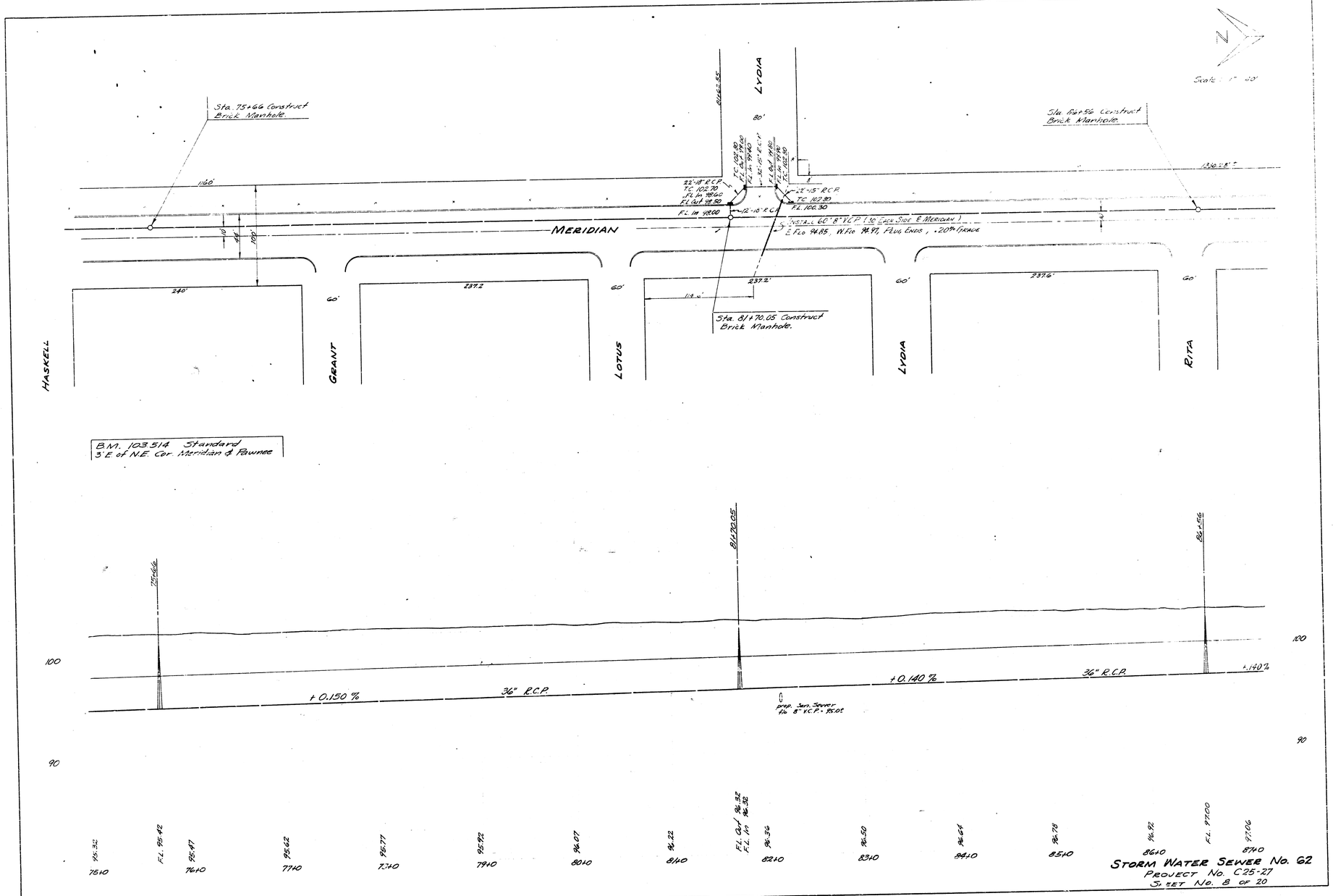
STORM WATER SEWER No. 62

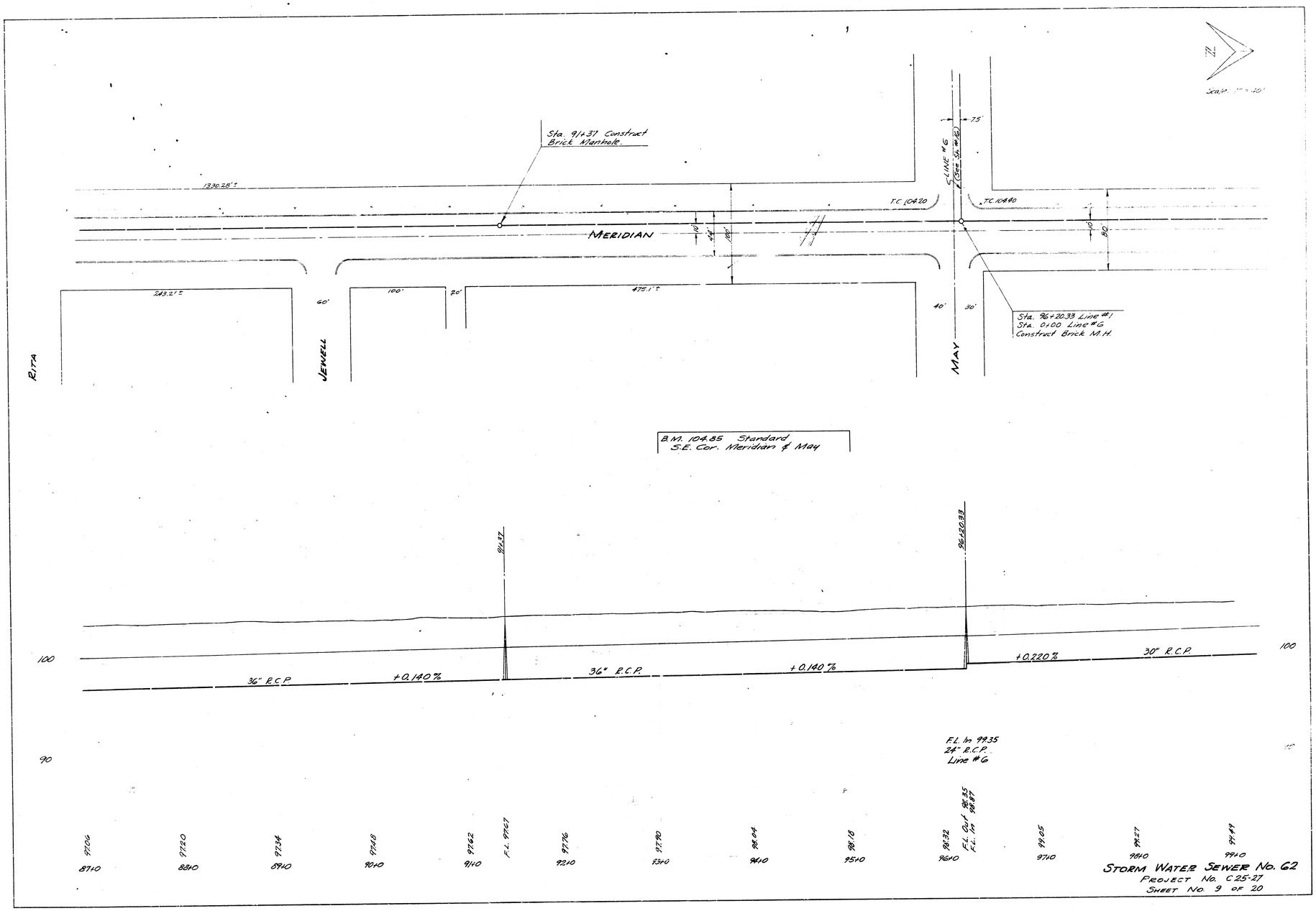
PROJECT No. C.25-27

SHEET No. 3 of 20


Scale: 1" = 40'
BENNETT
EVERETT
ST. CLAIR
PAWNEE
HIRAM
BONN
Sta. 53+60.5 Construct
Reinf. Conc. Manhole
See Sh. # 19 for details
Sta. 59+59.78 Line #1
Sta. 0+00 Line #4
Construct Reinf. Conc. M.H.
See Sh. # 20 for details.
Sta. 62+50.28 Construct
Reinf. Conc. Manhole
See Sh. # 20 for details.
B.M. 103.514 Standard
3' E. of N.E. Cor. Meridian & Pawnee
+0.060% 60" R.C.P.
+0.052 % 60" R.C.P.
+0.090 % 48" R.C.P.
94.20 F.L. 30" R.C.P. LINE # 4
51+0
52+0
53+0
54+0
55+0
56+0
57+0
58+0
59+0
60+0
61+0
62+0
63+0
STORM WATER SEWER No. 62
PROJECT No. C25-27
SHEET No. 6 OF 20


Sta. 69+62.55 Line #1
Sta. 0+00 Line #5
Construct Point Conc. M.H.
See Sh. # 20 for details
69+62.55 ℄ MERIDIAN
PAWNEE
Line #5 (See Sh. #14)
℄ Line #1
T.C. 101.60
T.C. 101.51
Line #1
Line #5
T.C. 101.54
Sta. 69+62.55
Line #1
MERIDIAN
Line #1
PAWNEE
HASKELL
ST. CLAIR
Scale: 1" = 40'
B.M. 103.514 Standard
3' E. of N.E. Cor. Meridian & Pawnee
69+62.55
+0.080 %
48" R.C.P.
+0.150 %
36" R.C.P.
F.L. In 95.01
30" R.C.P.
Line #5
F.L. Out 93.50
F.L. In 94.57
92.91
92.05
92.13
92.21
92.29
92.37
92.45
94.57
94.72
94.87
95.02
95.17
95.31
63+10
64+10
65+10
66+10
67+10
68+10
69+10
70+10
71+10
72+10
73+10
74+10
75+10
STORM WATER SEWER No. 62
PROJECT C25-27
SHEET NO. 7 OF 20


Scale 1" = 40'
Sta. 75+66 Construct Brick Manhole.
Sta. 86+56 Construct Brick Manhole.
Sta. 81+70.05 Construct Brick Manhole.
LYDIA
80'
22°-18" R.C.P.
T.C. 102.70
FL In 98.60
FL Out 98.50
12°-15" R.C.P.
T.C. 102.80
FL In 98.40
FL Out 98.30
12°-15" R.C.P.
T.C. 102.90
FL In 98.60
FL Out 98.50
12°-15" R.C.P.
T.C. 102.80
FL In 98.40
FL Out 98.30
12°-15" R.C.P.
T.C. 102.90
FL In 98.60
FL Out 98.50
12°-15" R.C.P.
T.C. 102.89
FL 100.30
12°-15" R.C.P.
FL In 98.00
INSTALL 60'-8" V.C.P. (30 Each Side E. Meridian)
E. Flo 94.85, W. Flo 94.97, Plug Ends, .20% Grade
MERIDIAN
160'
18'
44'
100'
240'
237.2'
237.2'
237.6'
60'
60'
60'
60'
114.2'
HASKELL
GRANT
LOTUS
LYDIA
RITA
B.M. 103.514 Standard
3' E of N.E. Cor. Meridian & Pawnee
75+66
81+70.05
86+56
100
90
+0.150 %
36" R.C.P.
+0.140 %
36" R.C.P.
+.140%
Prop. San. Sewer
8" V.C.P. 85.05
95.32
7540
FL. 95.42
95.47
7640
95.62
7740
95.77
7840
95.92
7940
96.07
8040
96.22
8140
FL. Out 96.32
FL. In 96.32
96.36
8240
96.50
8340
96.64
8440
96.78
8540
96.92
8640
FL. 97.00
97.06
8740
STORM WATER SEWER No. 62
PROJECT No. C25-27
SHEET No. 8 OF 20



STORM WATER SEWER No. 62

PROJECT No. C25-27

SHEET No. 9 OF 20

N

Scale: 1" = 40'

Sta. 103+48.4 End Line #1
Remove existing headwall & Construct Brick Manhole.

Sta. 102+02.1 Construct Brick Manhole

MERIDIAN

DORA

ORIENT BLVD.

A.T. & S.F. R.R.

N

Scale: 1" = 40'

Sta. 0+00 Line #2
Sta. 29+88.97 Line #1

PAWNEE

LINE #1
(See Sh. #4)

Line #2

Sta. 0+33.2 Construct 2'x5' C.B. over 30" R.C.P. Connect to other 2'x5' C.B. with 4'-15" R.C.P.

B. M. 104.85 Standard
S.E. Cor. Meridian & May

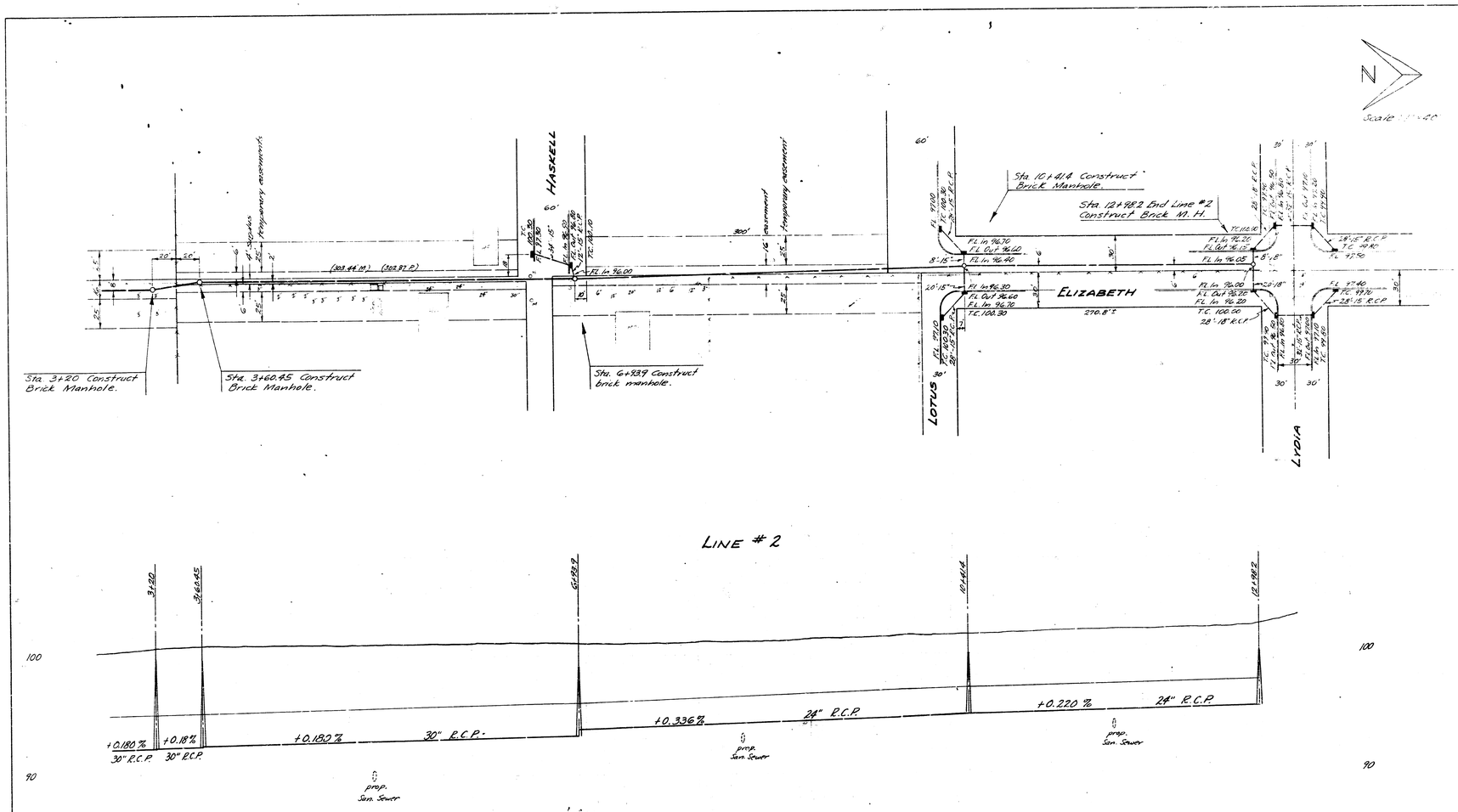
LINE # 1

LINE # 2

STORM WATER SEWER No. G2

PROJECT No. C25-27

SHEET No. 10 of 20



STORM WATER SEWER No. 62

PROJECT No. C25-27

SHEET No. 11 OF 20

Scale : 1" = 40'

N

Sta. 4916562 Line #1
Sta. 0+00 Line #3

Line #1
(See Sh. #5)

Line #3

ORIENTA BLVD.

PAWNEE

ATLANTA

MAXWELL

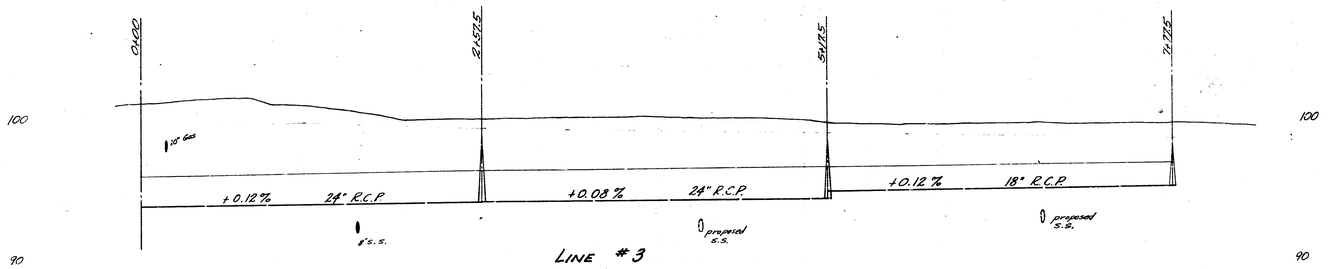
SAVANNAH

Sta. 2+57.5 Line #3
Construct Brick M.H.

Sta. 5+17.5 Construct Brick Manhole.

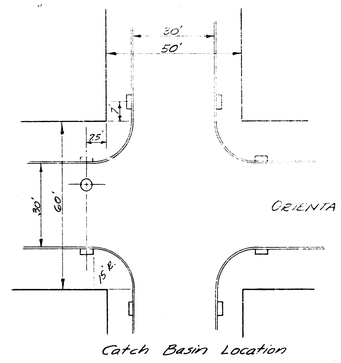
Sta. 7+77.5 Construct Brick Manhole.

B.M. 101.942 Standard
6' W. & 2' S. of S.E. Cor. Pawnee & Glenn



LINE #3

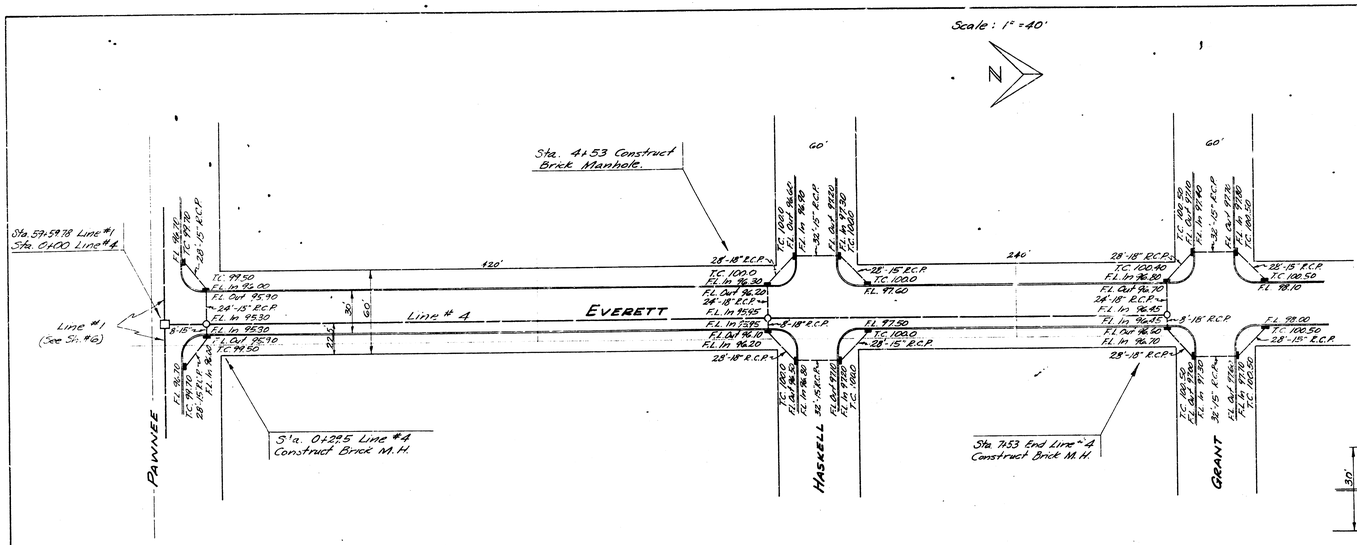
(91.12 Fl. Out 60° E.C.P., 91.12 Fl. In Line #1)
Fl. In 94.12 — 0+10
94.24 — 1+10
94.36 — 2+10
Fl. Out 94.43, Fl. In 94.43 — 3+10
94.46 — 4+10
94.54 — 5+10
Fl. Out 94.62, Fl. In 95.14 — 6+10
95.24 — 7+10
95.36 — 8+10
Fl. Out 95.45

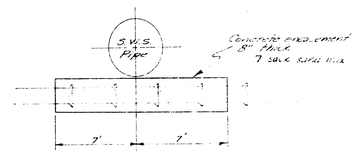


Catch Basin Location

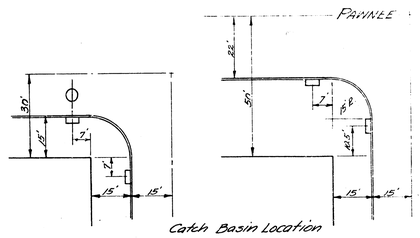
STORM WATER SEWER No. 62
PROJECT No. C25-27
SHEET No. 12 OF 20

Scale: 1" = 40'



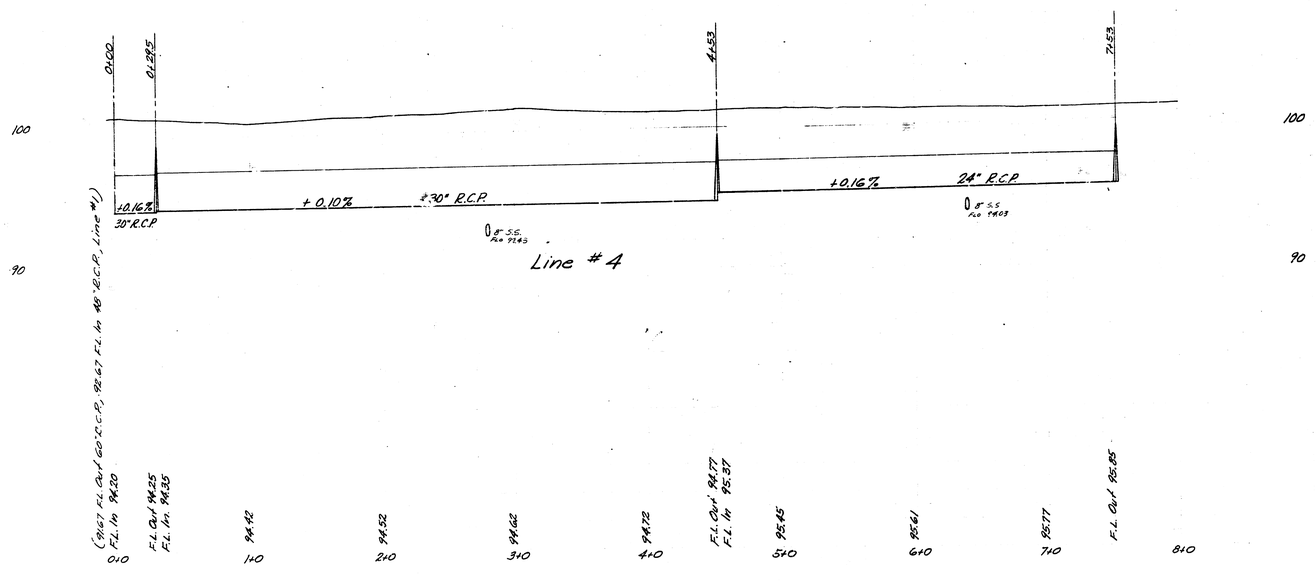


Encasement Detail over Sanitary Sewers

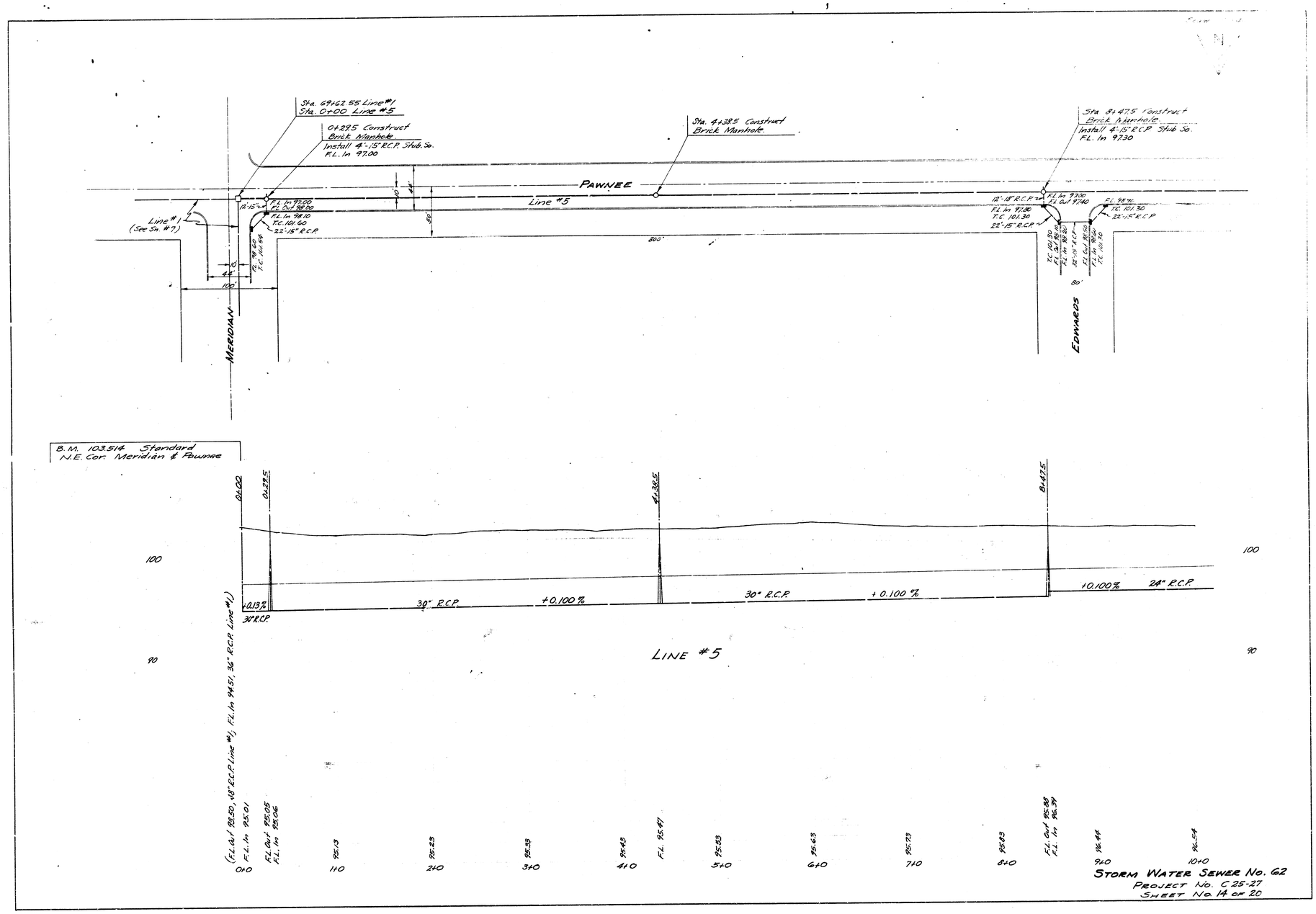


Catch Basin Location

B.M. 103.514 Standard
3' E. of N.E. Cor. Meridian & Pawnee

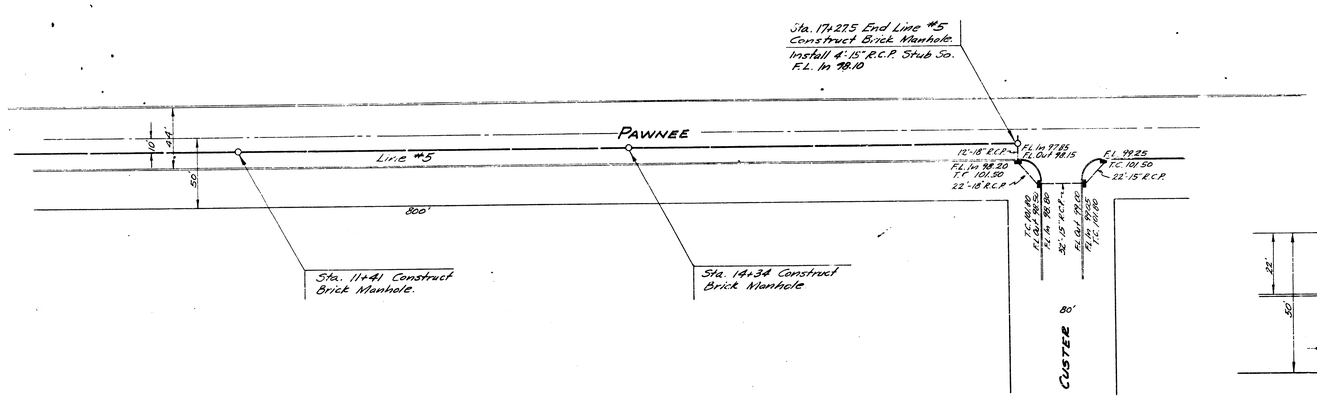


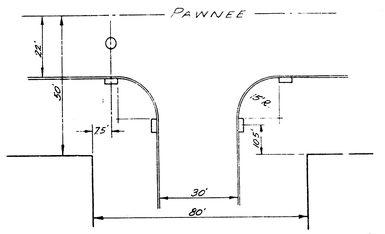
STORM WATER SEWER NO. 62
PROJECT NO. C25-27
SHEET NO. 13 OF 20



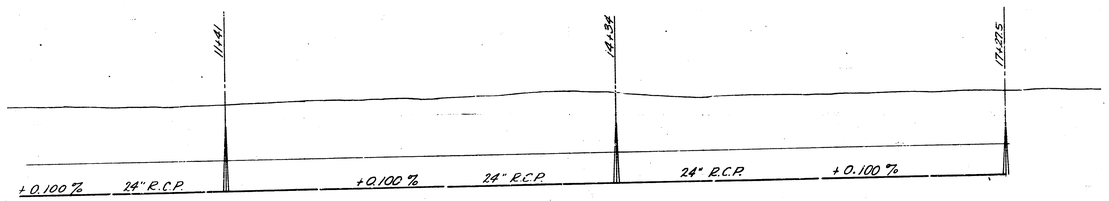
STORM WATER SEWER NO. G2
PROJECT NO. C 25-27
SHEET NO. 14 OF 20

Scale: 1" = 40'





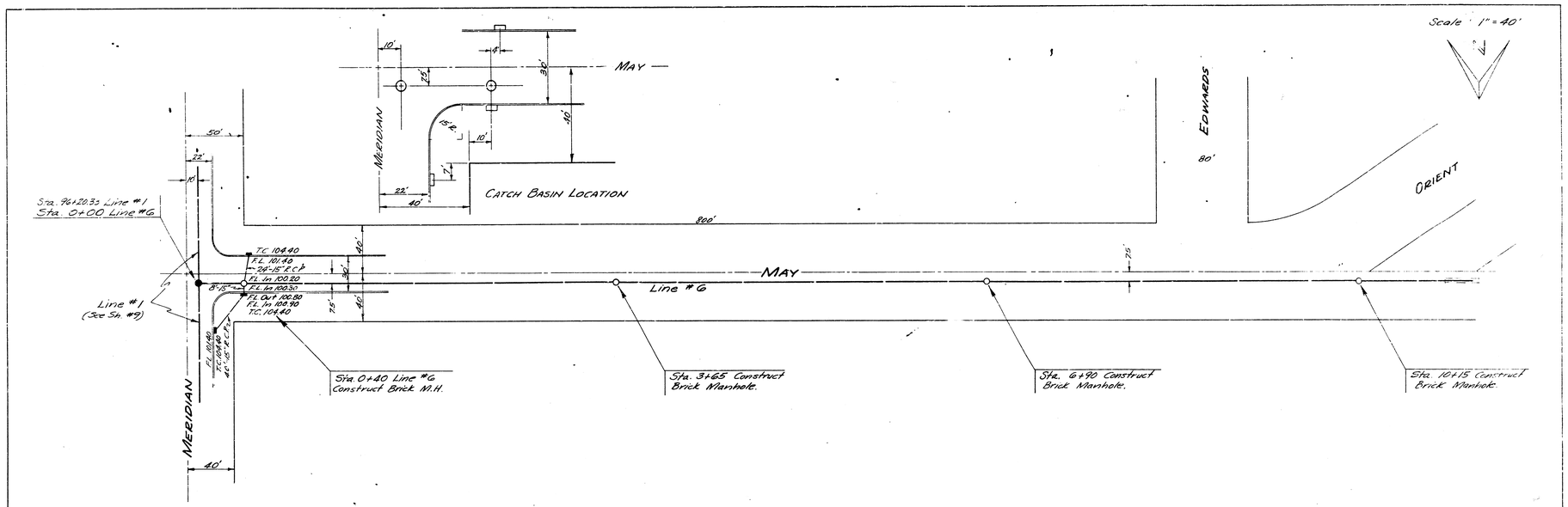
CATCH BASIN LOCATION
Scale: 1" = 20'

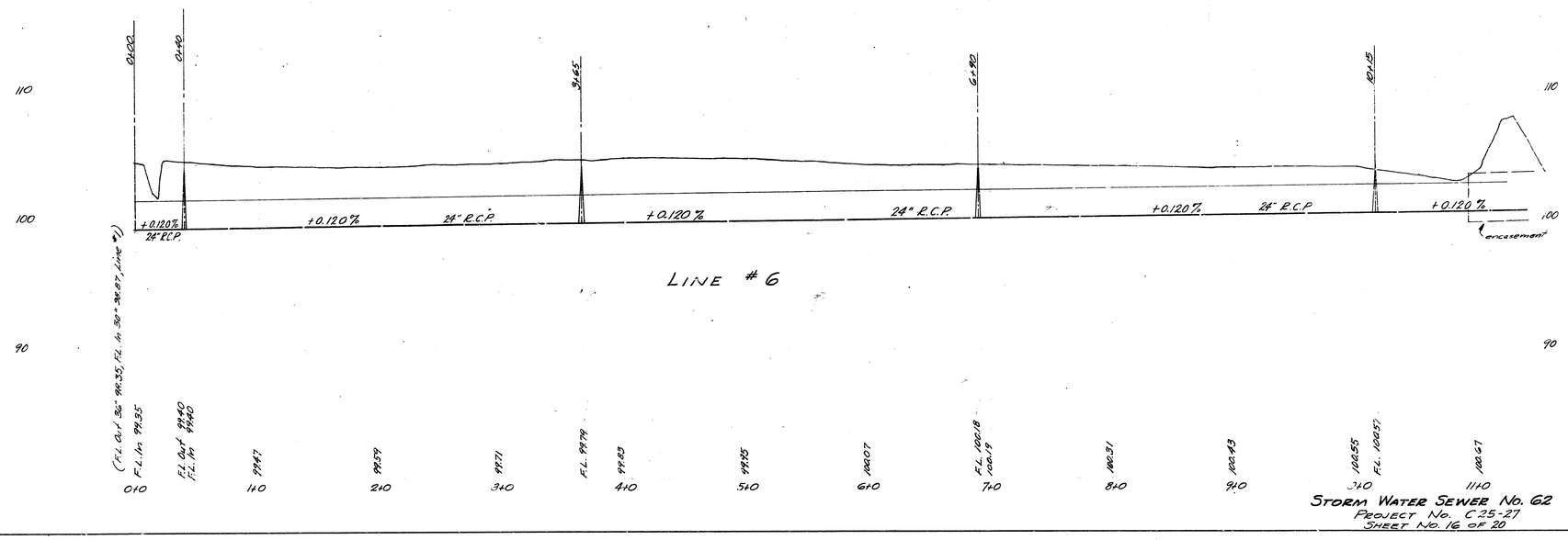


LINE # 5

	10+0	11+0	12+0	13+0	14+0	15+0	16+0	17+0	18+0
	96.54	96.64	F.L. 96.68	96.74	96.84	F.L. 96.97	97.04	97.14	97.24 F.L. Out 97.27

STORM WATER SEWER NO. 62
PROJECT NO. C25-27
SHEET NO. 15 OF 20





LINE #6

STORM WATER SEWER No. 62
PROJECT No. C.25-27
SHEET No. 16 OF 20

A.T. & S.F. R.R.

MAY

GORDON

CATHERINE

Encase 200 lin. ft. of pipe under tracks. See Sh. # 20.

Sta. 13+14.27 Construct Brick Manhole.

Sta. 15+78 Construct Brick Manhole.

Encase 130 lin. ft. of pipe under tracks. See steel no. 20 for detail.

Sta. 18+32.27 Construct Brick Manhole.

Sta. 21+45.83 End Line #6 Construct Brick Manhole.

Scale: 1" = 40'

Scale: 1" = 40'

LINE #6

+0.120 % 24" R.C.P. +0.100 % 24" R.C.P. +0.100 % 24" R.C.P. +0.140 % 18" R.C.P.

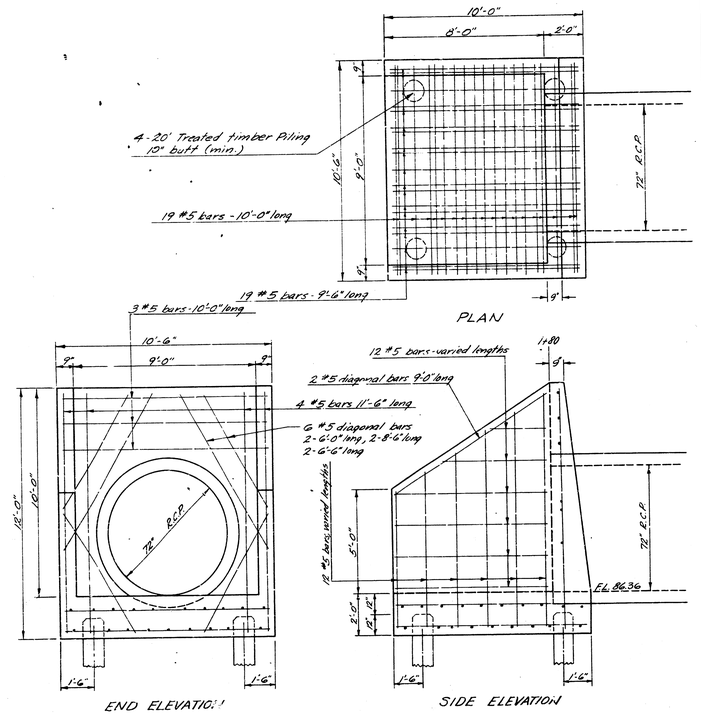
encasement encasement encasement

Sta. 11+0 — 102.67
Sta. 12+0 — 102.79
Sta. 13+0 — 102.91 Fl. Out 100.93 Fl. In 100.83
Sta. 14+0 — 101.02
Sta. 15+0 — 101.12
Fl. 101.19
Sta. 16+0 — 101.22
Sta. 17+0 — 101.32
Sta. 18+0 — 101.42
Fl. Out 101.45 Fl. In 101.35
Sta. 19+0 — 102.05
Sta. 20+0 — 102.19
Sta. 21+0 — 102.33
Fl. Ct. 102.39

STORM WATER SEWER NO. 62

PROJECT NO. C25-27

SHEET NO. 17 OF 20



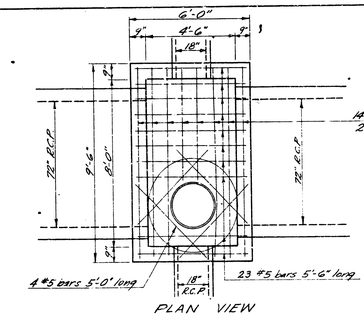
REINF. CONC. OUTFALL STRUCTURE - STA. 1+80

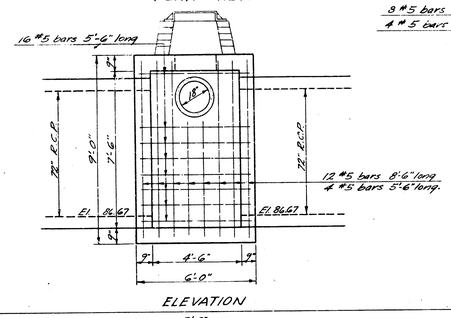
Scale : 3/8" = 1'-0"

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 coarse aggregate shall be such as will produce a maximum density of a most workable mixture.

IN GENERAL : Pipe will enter and leave the manholes at various angles and elevations. Where possible bend reinforcing bars around pipes (18" dia. or less). Where pipes are large use diagonal bars as shown.

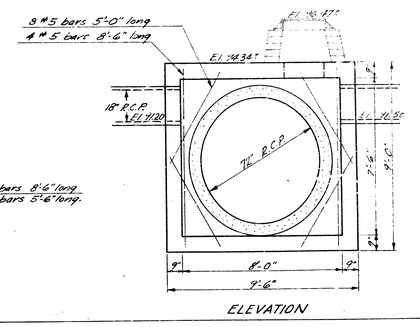
The floor of the manhole is to be shaped for flow and drainage. No deduction in concrete quantities shall be made for pipe openings. No addition in concrete quantities shall be made for shaping manhole floor. An internal vibrator shall be used for placing concrete.

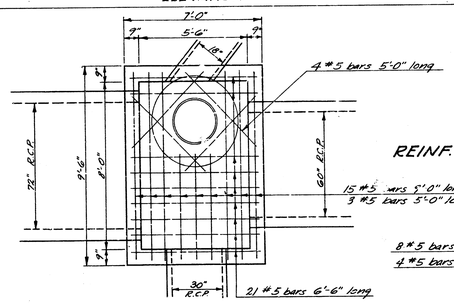




REINF. CONC. MANHOLE - STA. 5+66.5

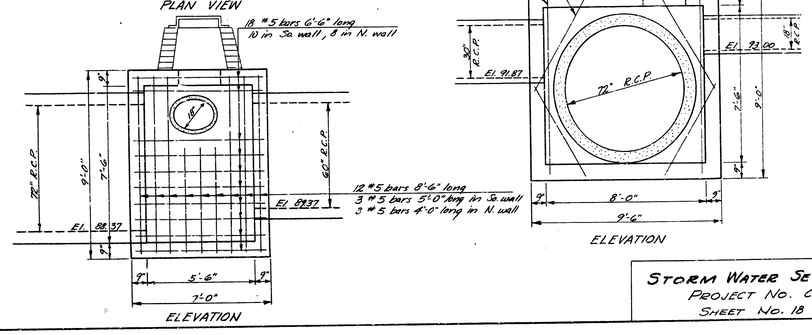
Scale : 3/8" = 1'-0"





REINF. CONC. MANHOLE - STA. 29+88.97

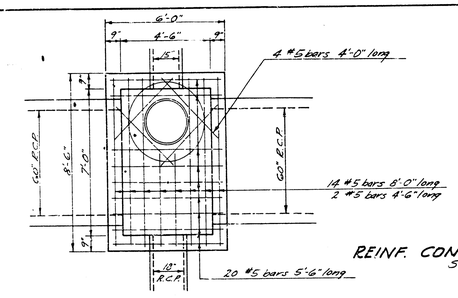
Scale : 3/8" = 1'-0"



STORM WATER SEWER No. 62

PROJECT No. C25-27

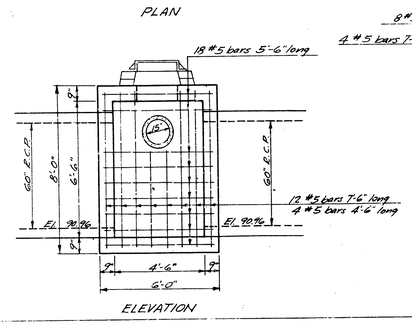
SHEET No. 18 OF 20



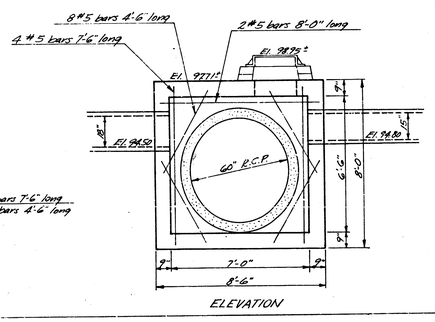
PLAN

REINF. CONC. MANHOLE - STA. 47+58.37

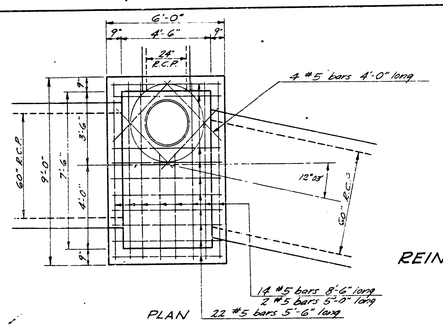
Scale : 3/8" = 1'-0"



ELEVATION



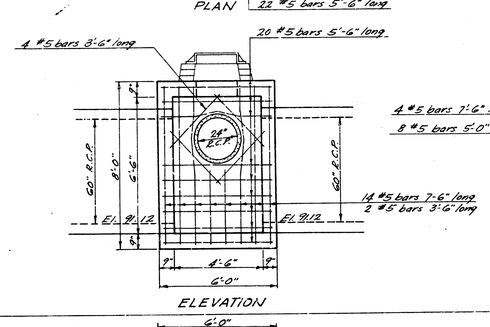
ELEVATION



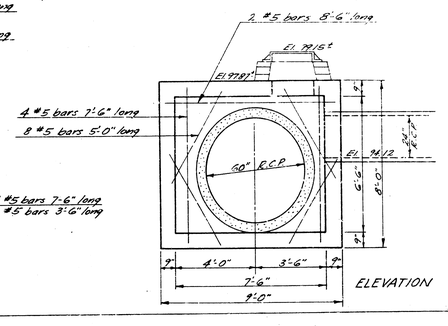
PLAN

REINF. CONC. MANHOLE - STA. 49+65.62

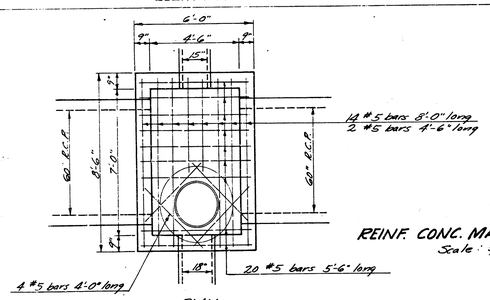
Scale : 3/8" = 1'-0"



ELEVATION



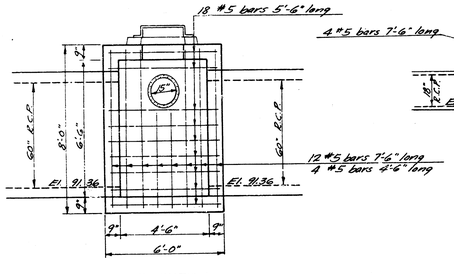
ELEVATION



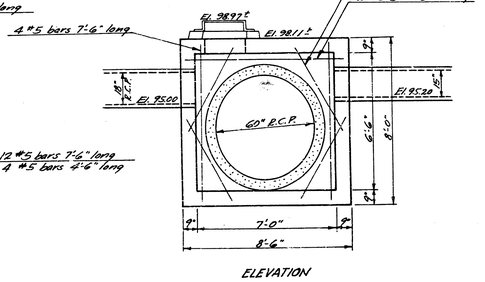
PLAN

REINF. CONC. MANHOLE - STA. 53+60.5

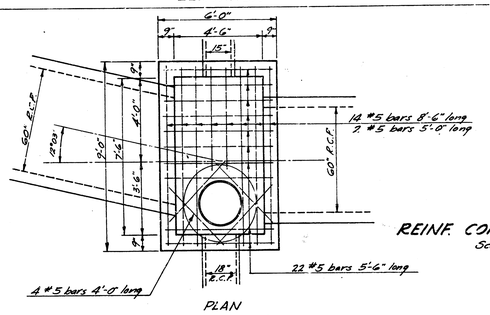
Scale : 3/8" = 1'-0"



ELEVATION



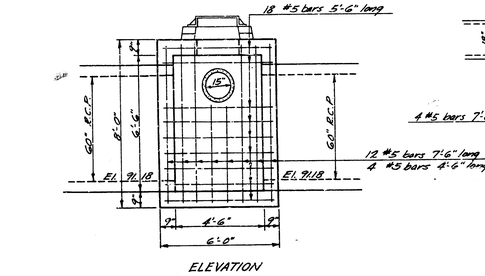
ELEVATION



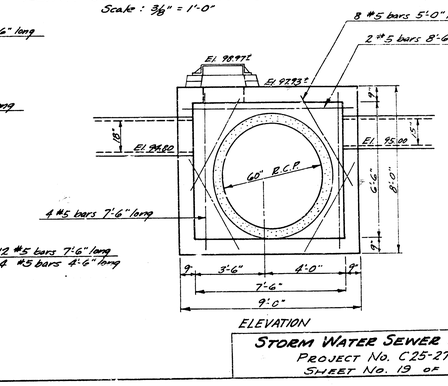
PLAN

REINF. CONC. MANHOLE - STA. 50+60.5

Scale : 3/8" = 1'-0"

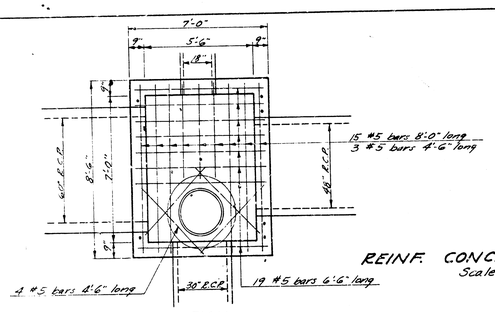


ELEVATION



ELEVATION

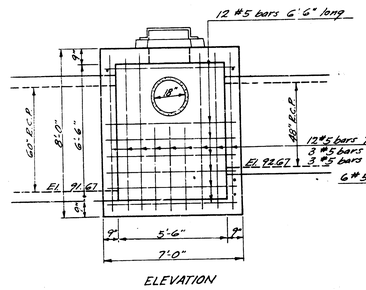
STORM WATER SEWER NO. 62
PROJECT NO. C25-27
SHEET NO. 19 OF 20



PLAN

REINF. CONC. MANHOLE- STA. 59+59.78

Scale: 3/8" = 1'-0"



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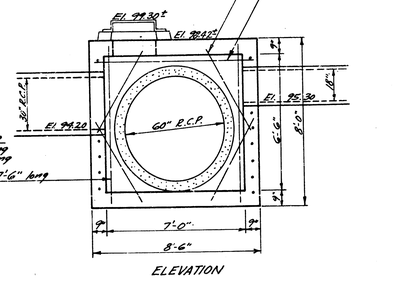

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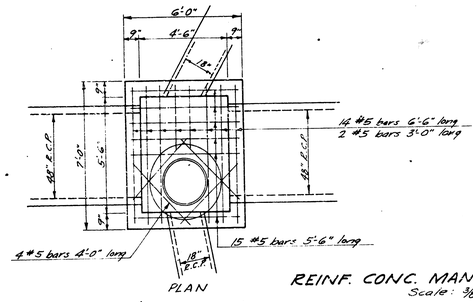
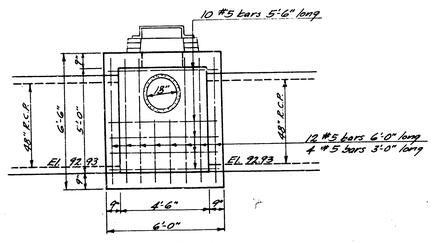


PLAN

REINF. CONC. MANHOLE - STA. 62+50.28

Scale: 3/8" = 1'-0"



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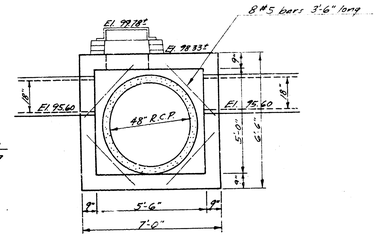

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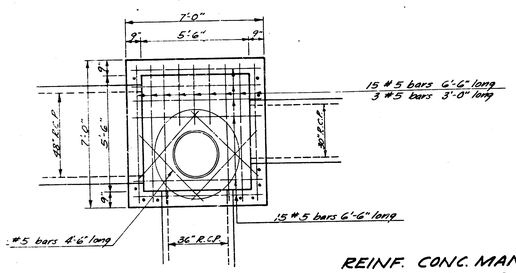
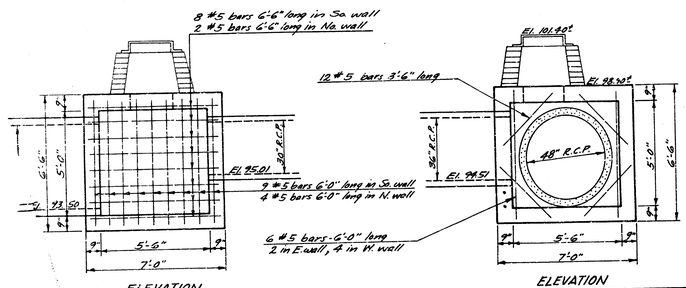


PLAN

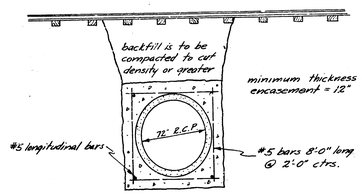
REINF. CONC. MANHOLE - STA. 69+62.55

Scale: 3/8" = 1'-0"

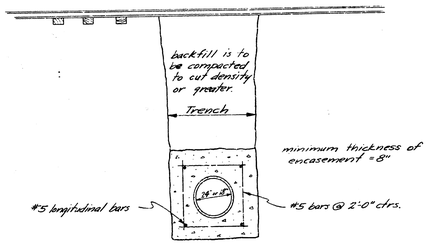


ELEVATION

ELEVATION



TYPICAL SECTION
REINF. CONC. ENCASEMENT
UNDER MIDLAND VALLEY R.R.
STA. 3+40 - LINE No. 1



TYPICAL SECTION
REINF. CONC. ENCASEMENT
UNDER A.T. & S.F. R.R. @
STA. 11+90 and Sta. 20+45 - LINE No. 6

Pipe is to be installed by open ditch method with tracks removed during hours which will not disrupt train traffic. The contractor shall give proper notice to the R.R. to provide flagmen, etc, while the crossing is being made. The expense of removing and replacing tracks and all other charges made by the R.R. will be paid by the contractor. R.R. charges, cost of encasement and reinf. steel, and all other extra cost of crossing shall be included in the lump sum bid of reinf. conc. R.R. crossing'.

6 sack paving mix is to be used for encasement concrete.

STORM WATER SEWER No. 62
PROJECT No. C25-27
SHEET No. 20 OF 20