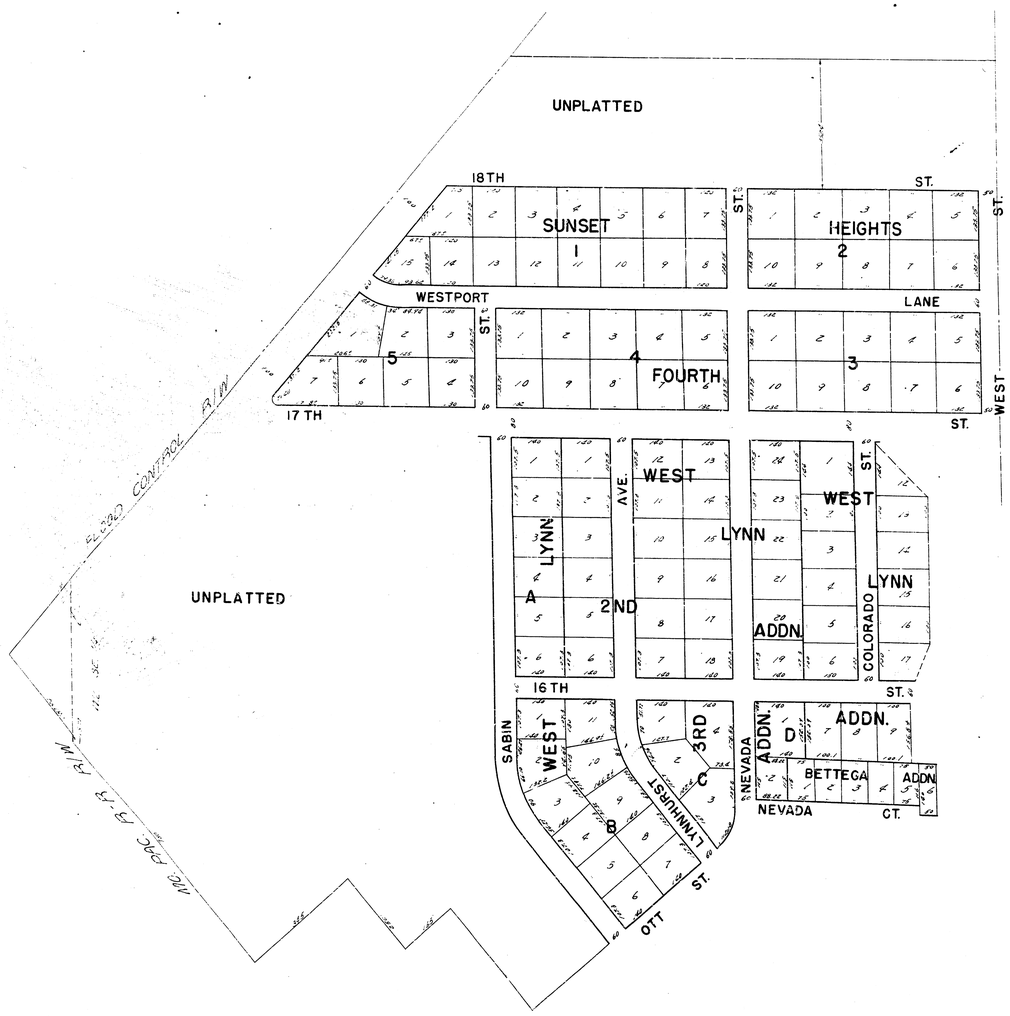


N

SCALE 1" = 150'

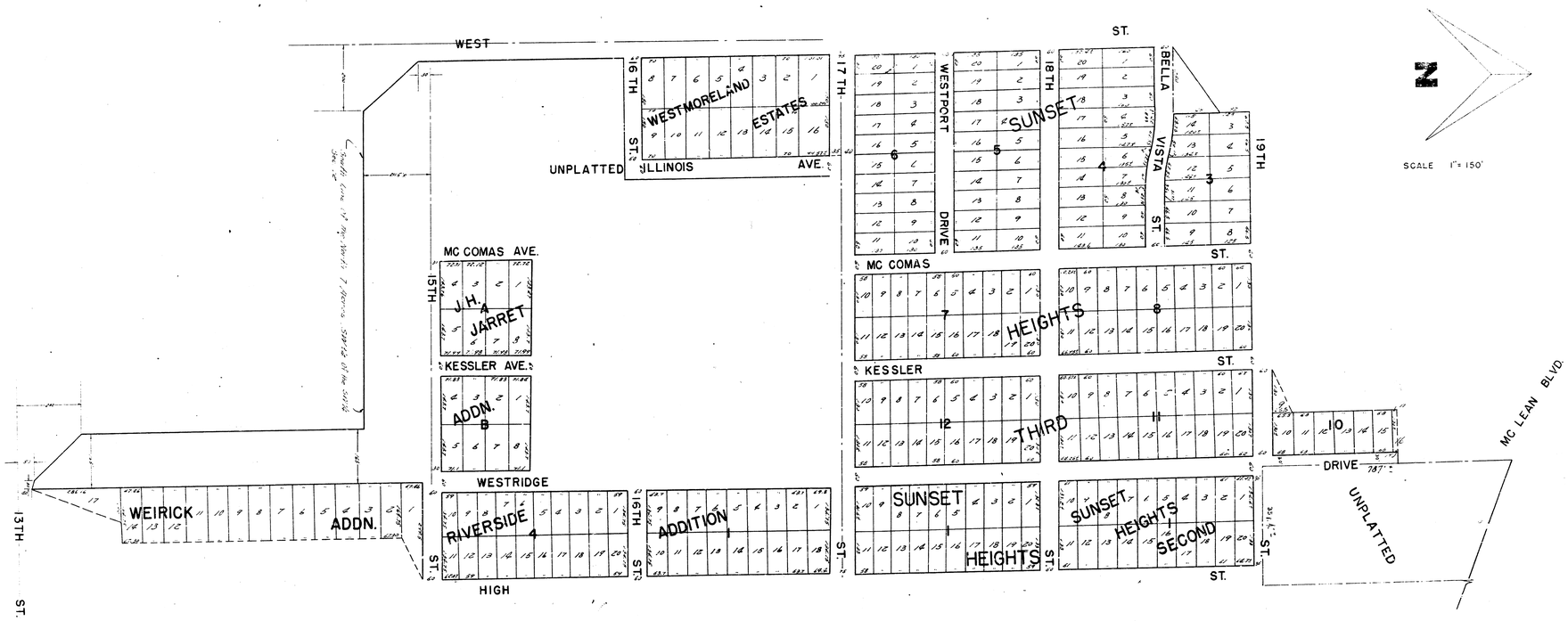
BENEFIT DISTRICT

STORM WATER SEWER NO. 66

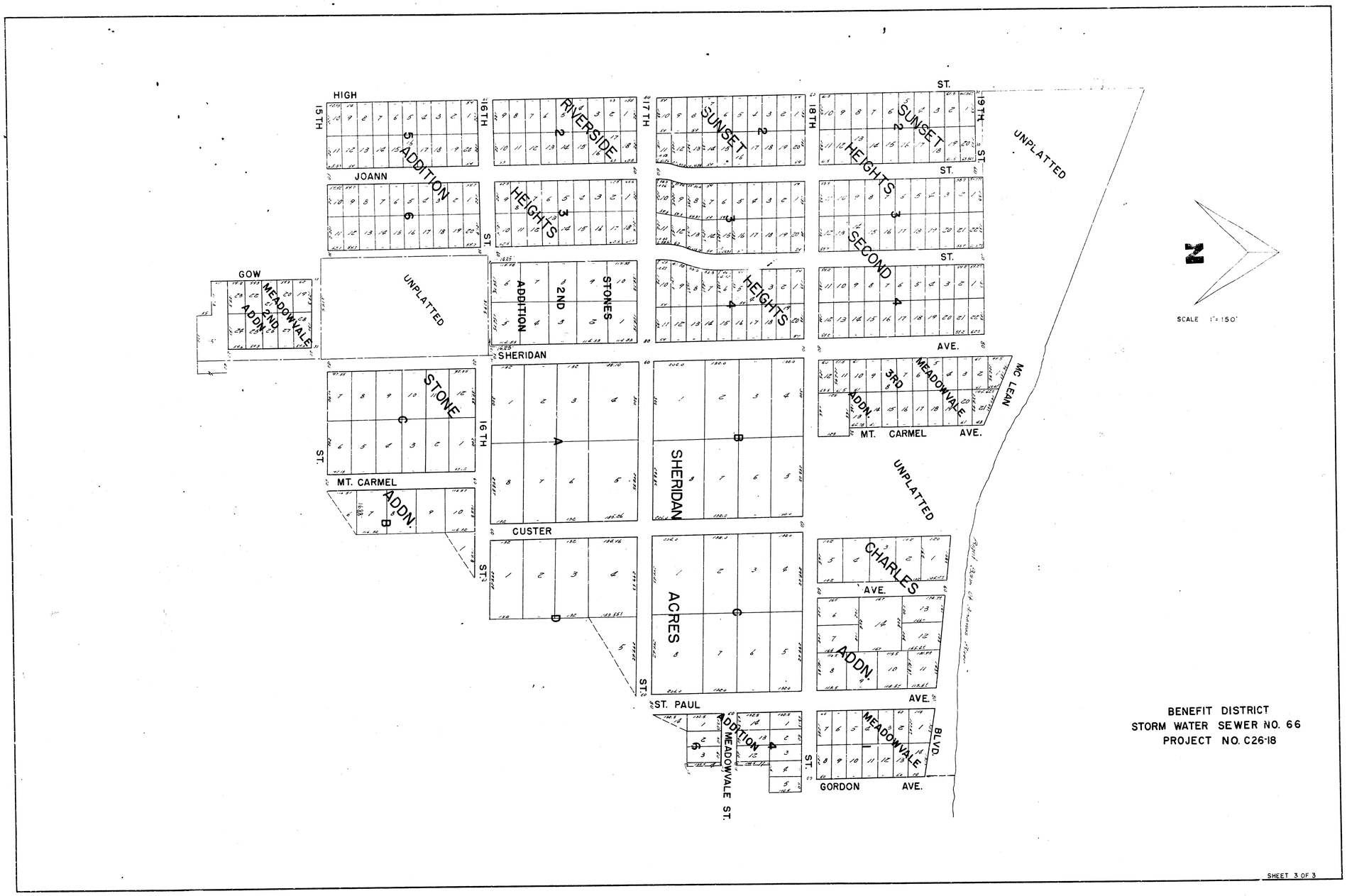
CITY OF WICHITA, KANS.

B. E. SMITH CITY ENGINEER

PROJECT NO. C 26-18



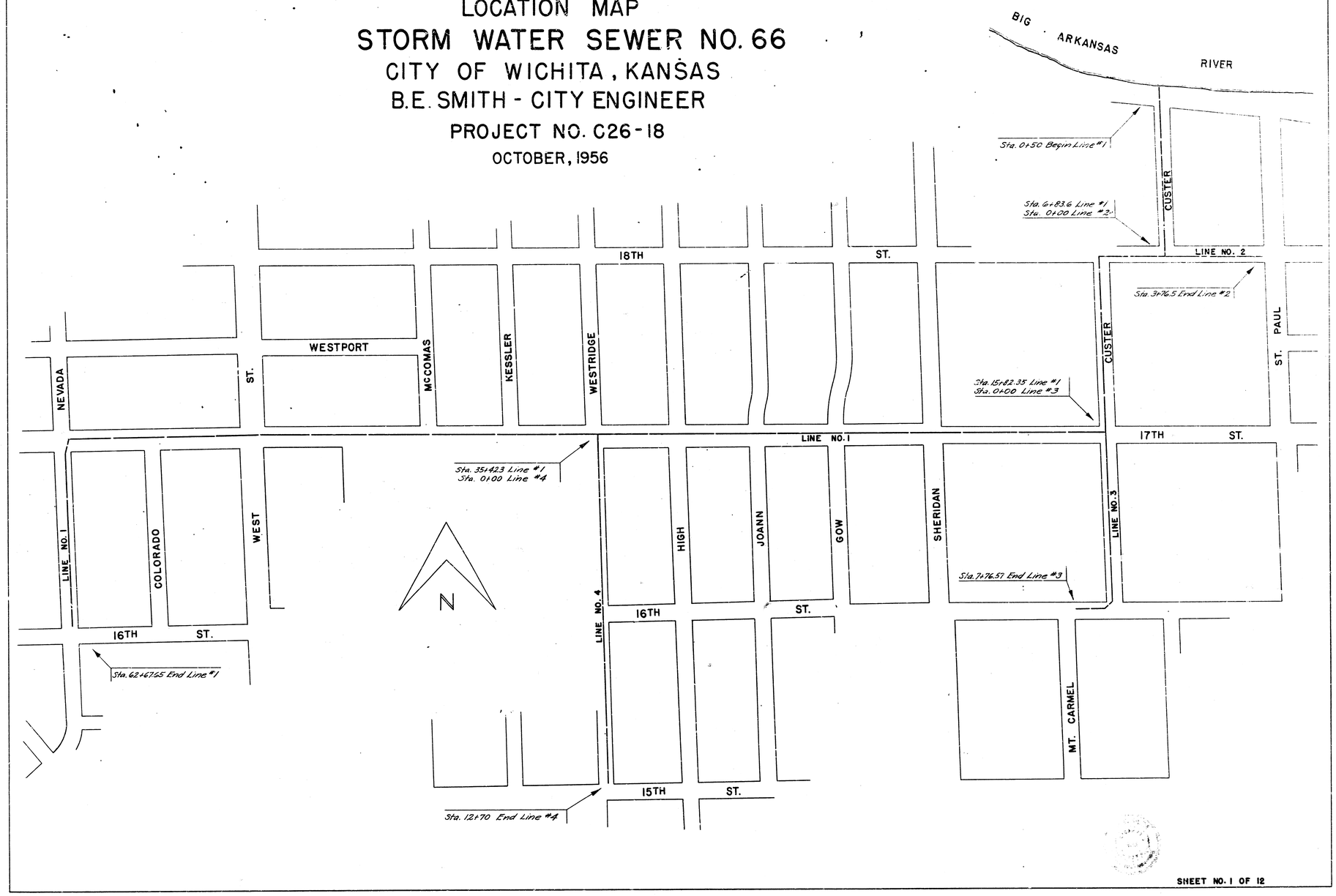
BENEFIT DISTRICT
STORM WATER SEWER NO. 66
PROJECT NO. C26-18



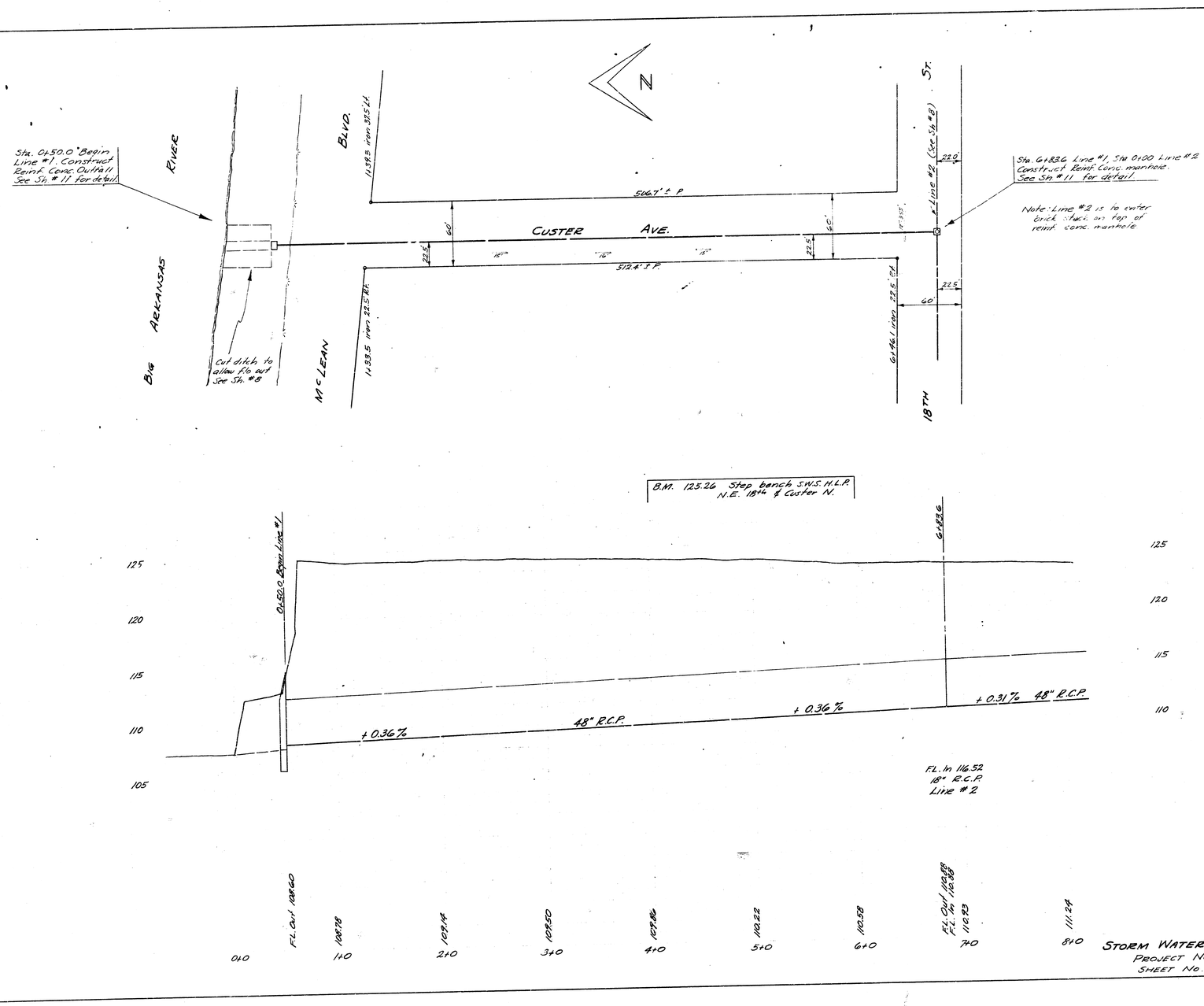
BENEFIT DISTRICT
STORM WATER SEWER NO. 66
PROJECT NO. C26-18

SHEET 3 OF 3

LOCATION MAP
STORM WATER SEWER NO. 66
CITY OF WICHITA, KANSAS
B.E. SMITH - CITY ENGINEER
PROJECT NO. C26-18
OCTOBER, 1956



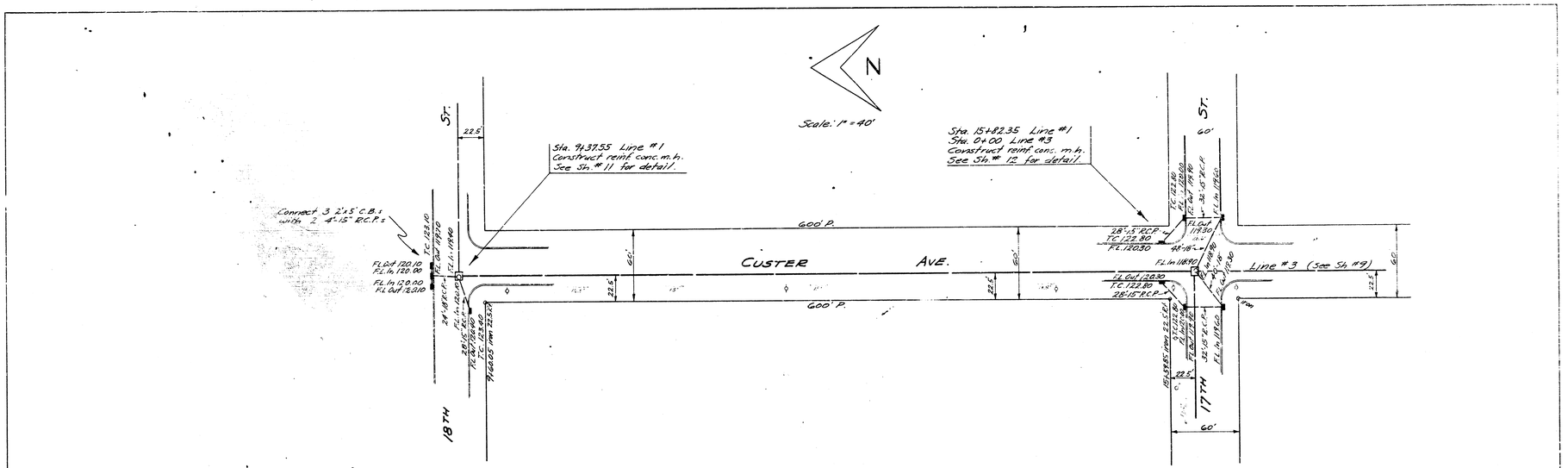
SHEET NO. 1 OF 12

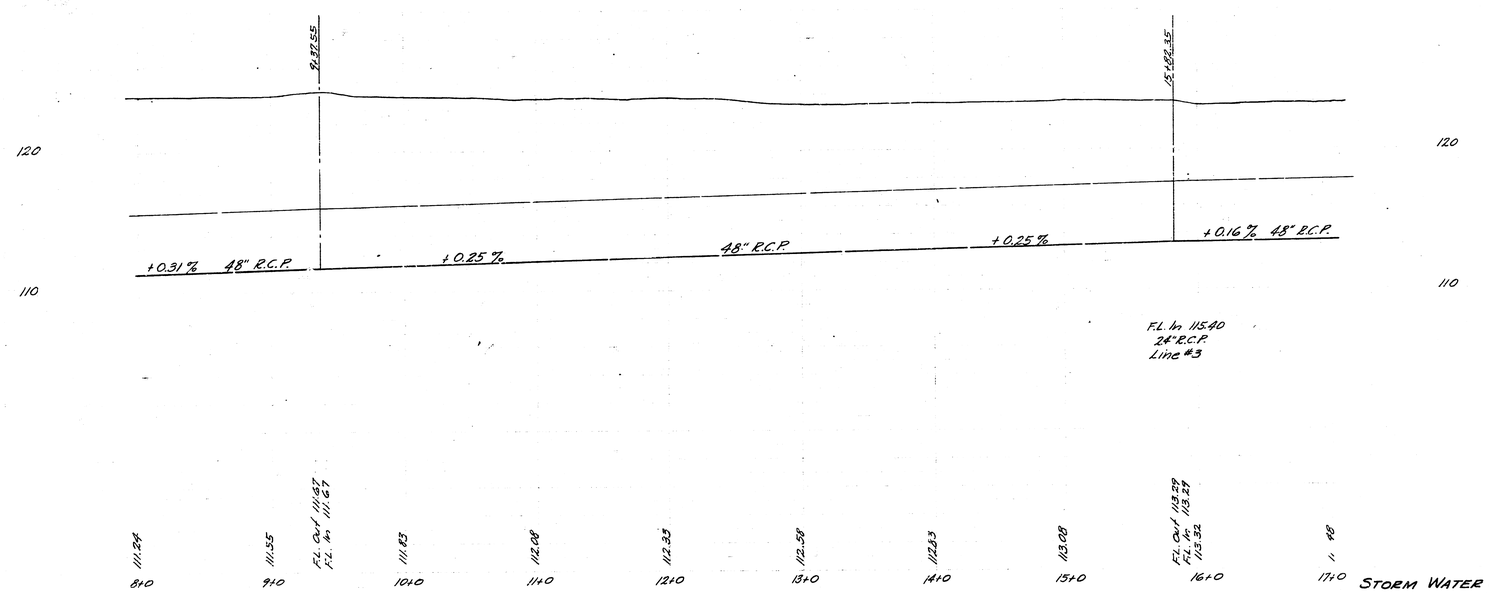


STORM WATER SEWER No. 66

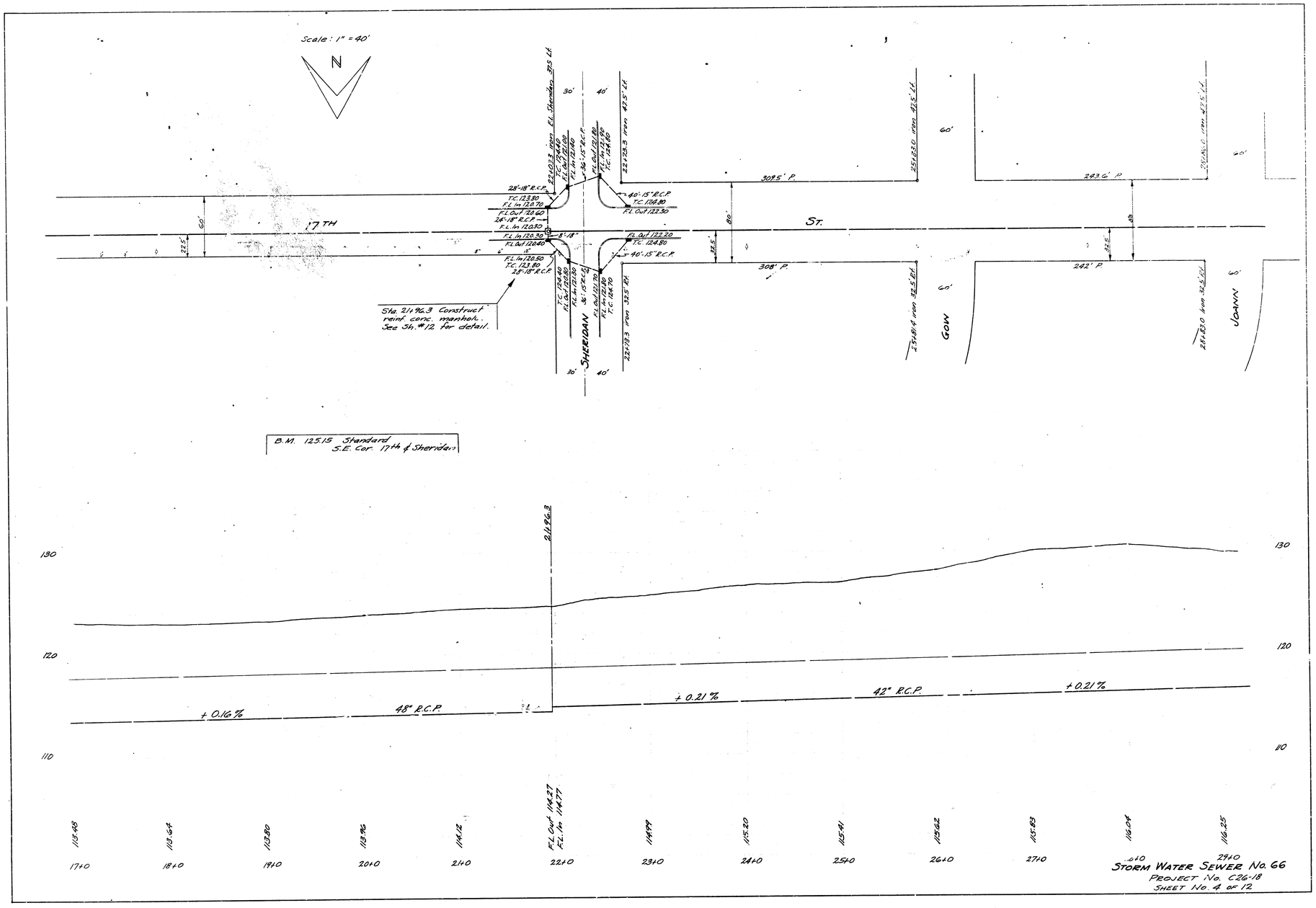
PROJECT No. C26-18

SHEET No. 2 OF 12





STORM WATER SEWER No. 66
PROJECT No. C26-18
SHEET No. 3 of 12

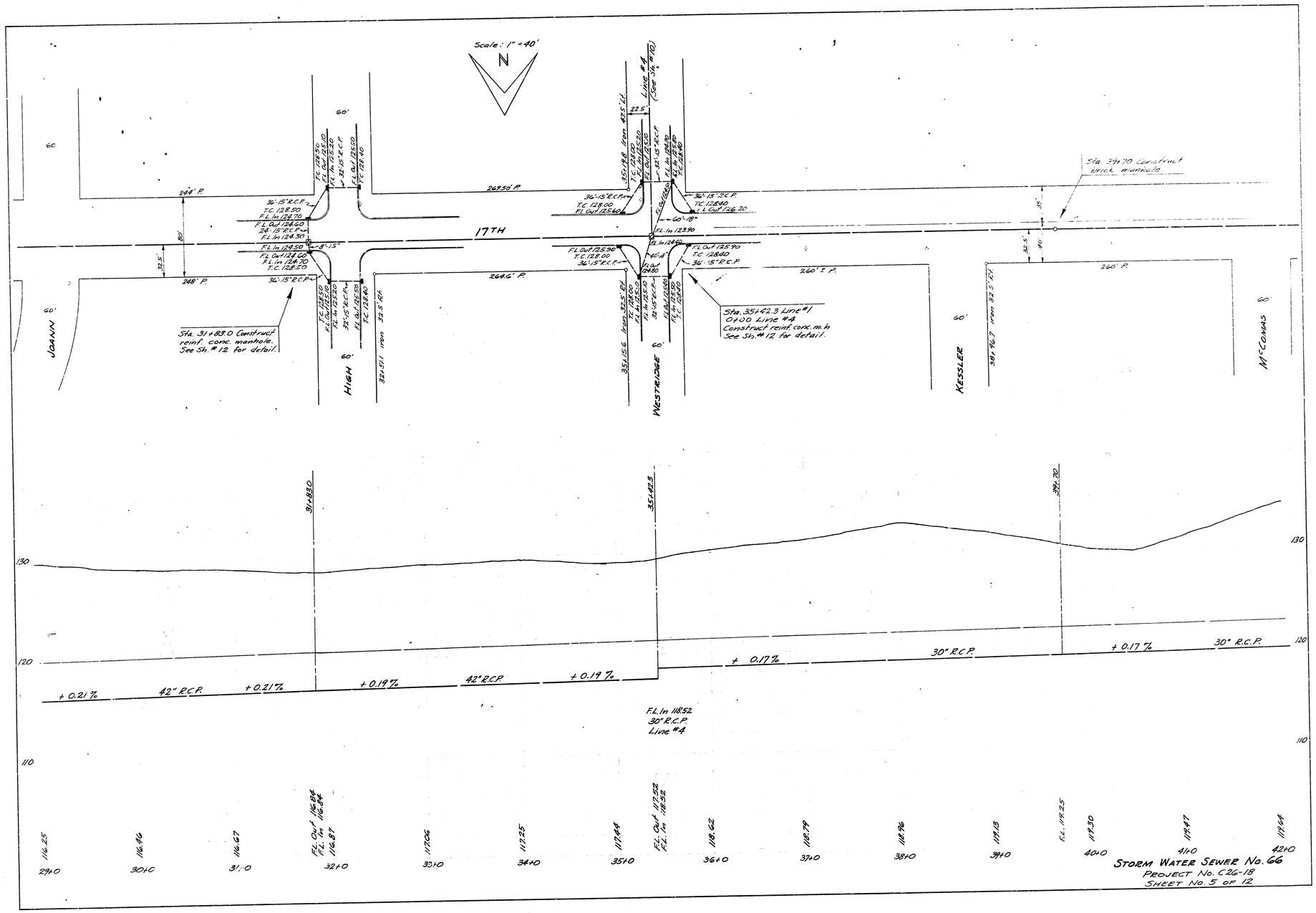


B.M. 125.15 Standard
S.E. Cor. 17th & Sheridan

Storm Water Sewer No. 66

Project No. C26-18

Sheet No. 4 of 12



STORM WATER SEWER No. 66

PROJECT No. C26-18

SHEET No. 5 OF 12

Scale: 1" = 40'

N

ILLINOIS

COLORADO

60'

240'±

Sta 48+26.1 Construct brick manhole.

48+65.6 ℄ Iron 75'±Lt.

310' P.

8:18° R.C.P.

FL In 125.20
FL Out 125.30
FL In 125.90
T.C. 130.10

17TH ST.

80'

32.5'

40'

32.5'

600' P.

600' P.

Sta. 44+00 Construct brick manhole.

McCOMAS

42+64 Iron 32.5' Rt.

48+56 Iron 32.5' Lt.

34:18° R.C.P.
T.C. 127.90
FL Out 125.90
FL In 126.10

46:18° R.C.P.

FL Out 126.60
FL In 126.80
T.C. 129.80

FL Out 127.00
T.C. 129.80
34:15° R.C.P.

NOTE: Pavement to be repaired by others.

48+56 Iron 32.5' Lt.

Sta 52+00 Construct brick manhole.

WEST

B.M. 130.59 Standard
S.E. Cor. 17th & West St.

44+00

48+26.1

52+00

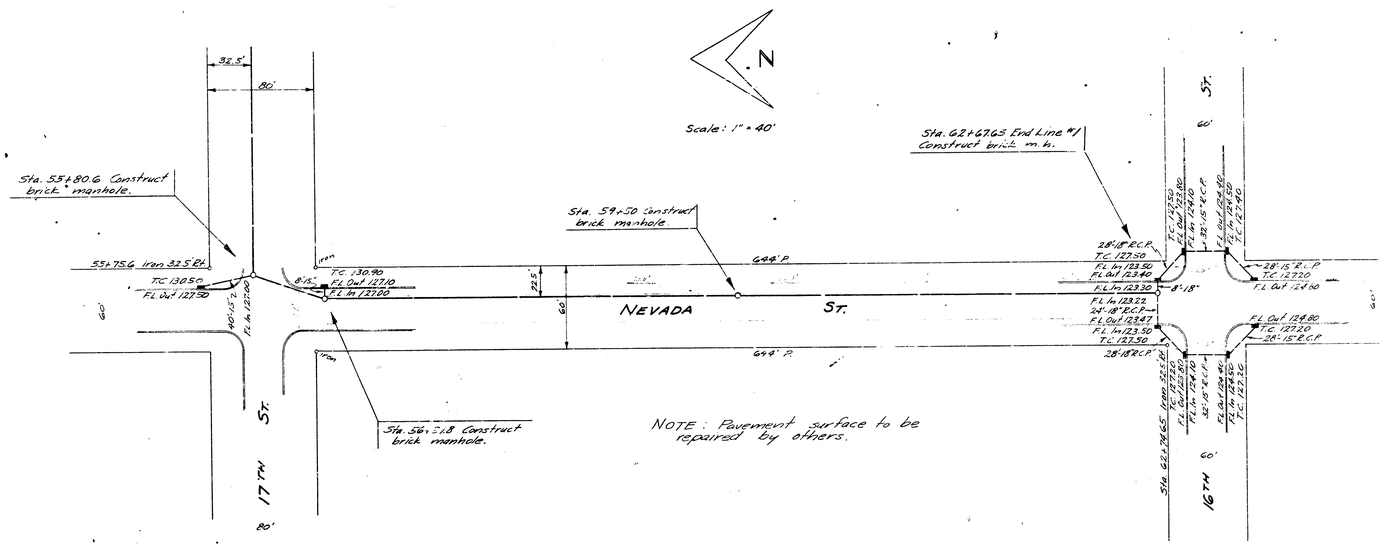
130

120

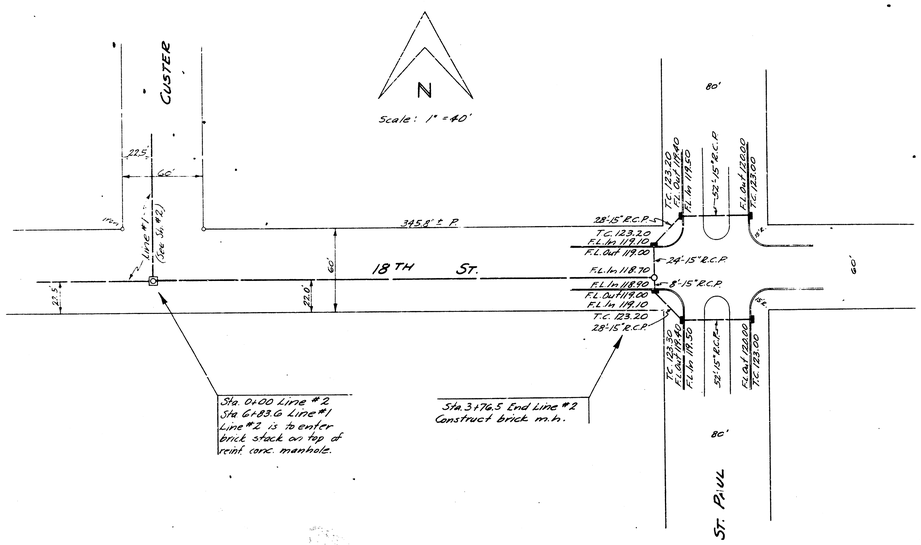
+0.17% | 30" R.C.P. | +0.17% | 30" R.C.P. | +0.11% | 30" R.C.P. | +0.11% | 30" R.C.P.

118.64	118.41	F.L. 119.98	120.15	120.32	120.49	120.66	F.L. Out 120.70 F.L. In 120.90	120.78	120.89	121.00	F.L. 121.11	121.22	121.33	121.44
42+00	43+00	44+00	45+00	46+00	47+00	48+00		49+00	50+00	51+00	52+00	53+	54+00 55+00	

STORM WATER SEWER No. 66
PROJECT No. C26-18
SHEET No. 6 OF 12



STORM WATER SEWER No. 66
PROJECT No. C26-18
SHEET No. 7 of 12



Note: All brick manholes are to be 4' dia. inside except @ Sta. 55+80.6 Line #1 & Sta. 62+67.7 Line #1. These 2 m.h. are to be 5' dia.

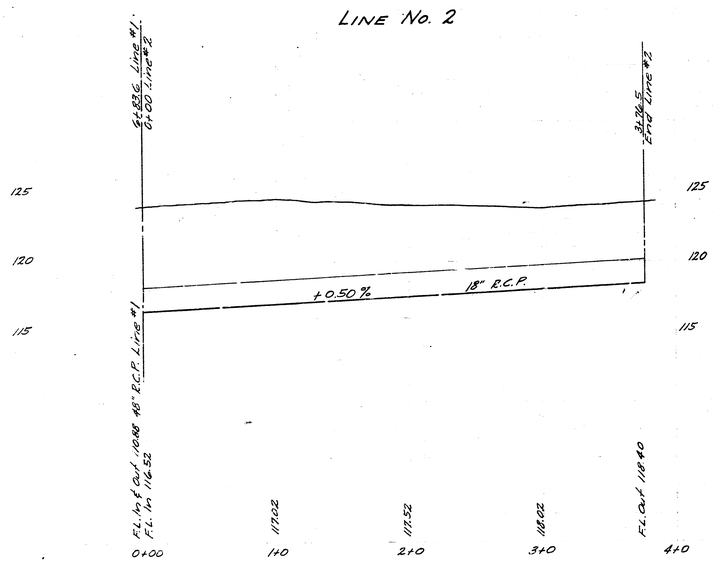
Note: Sand fill is to be used where excavated material is unsuitable for backfill. Bid price of sand fill is to include cost of flushing ditch where sand fill is used. Lin. ft. of flushing will be paid where excavated material is used & flushed.

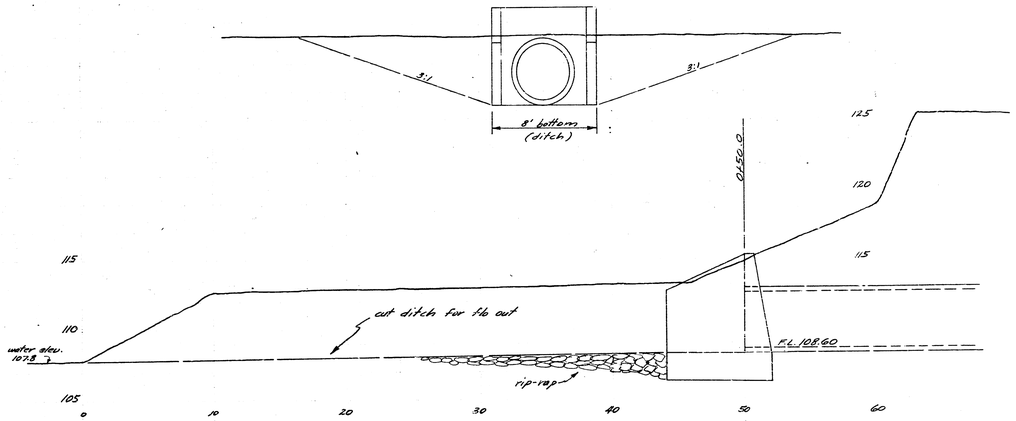
Field Engr. is to measure & record all removal on job.

NOTE: Cost of cutting ditch and rip-rap at outfall is to be included in bid price of outfall structure.

B.M. 125.26 Step beneath S.W.S. H.L.P. N.E. 18th & Custer N.

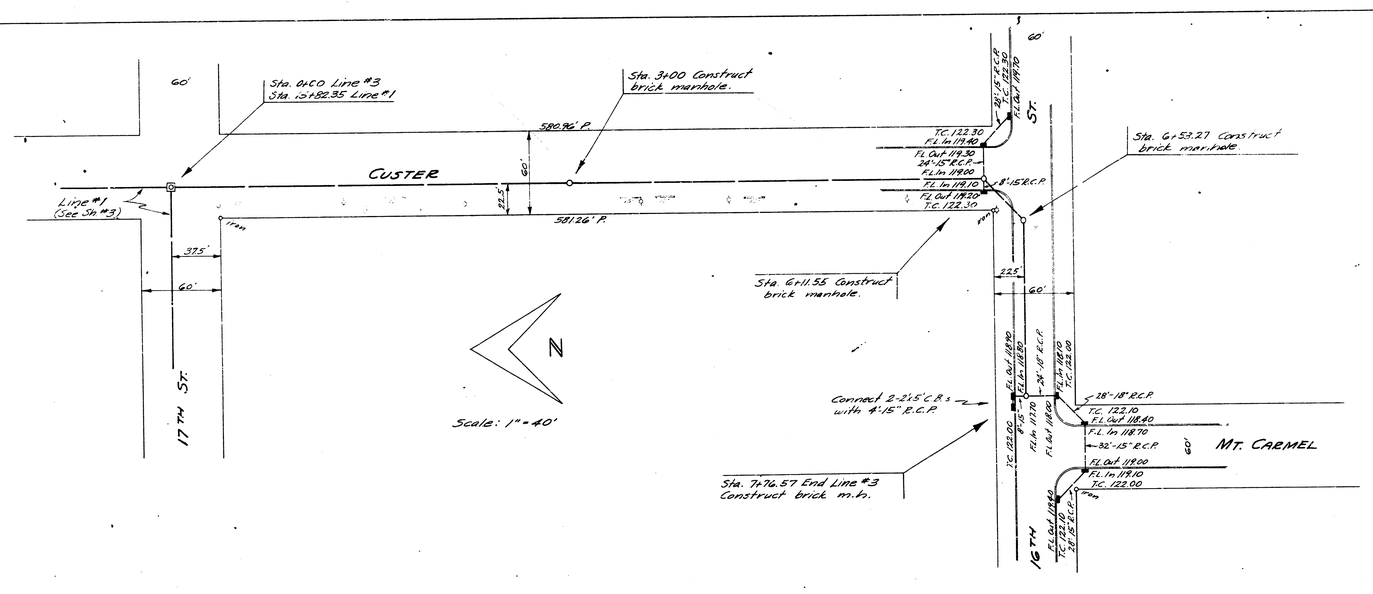
LINE No. 2

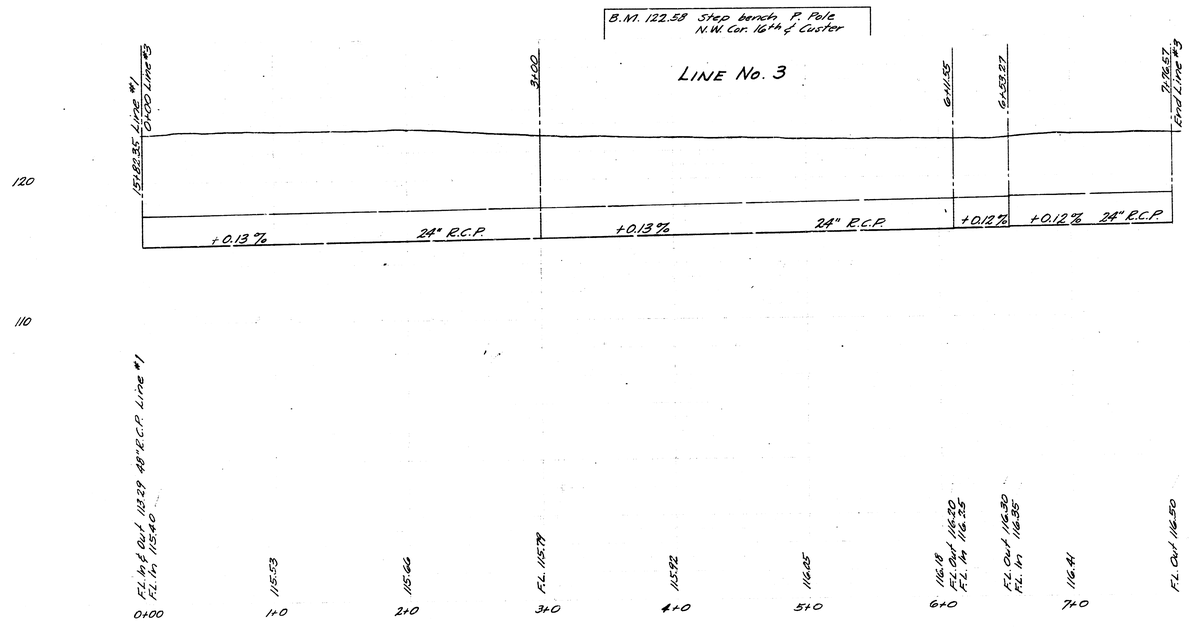




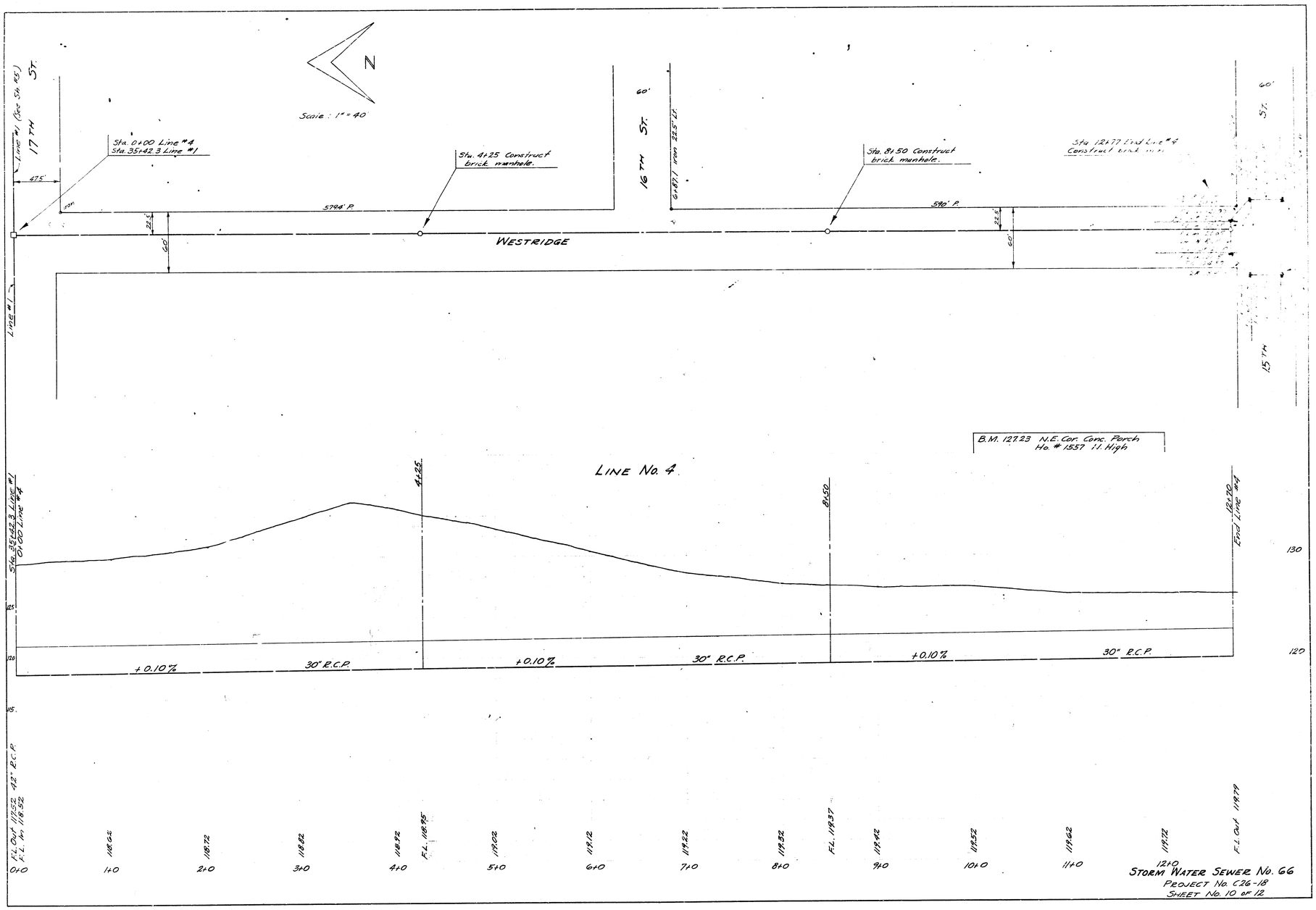
Profile at Outfall

STORM WATER SEWER No. 66
PROJECT No. C26-18
SHEET No. 8 of 12





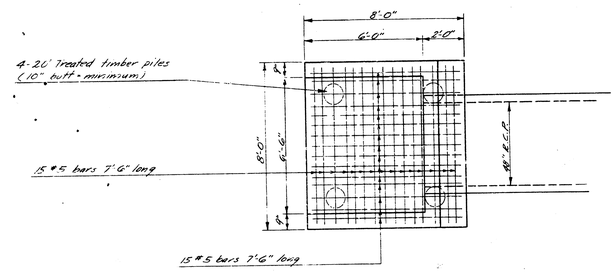
STORM WATER SEWER No. 66
PROJECT No. C.26-18
SHEET No. 9 of 12



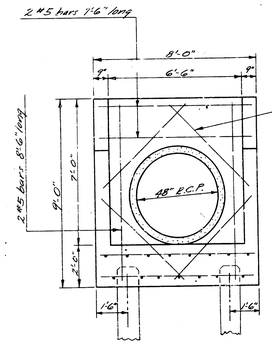
Storm Water Sewer No. 66

Project No. C26-18

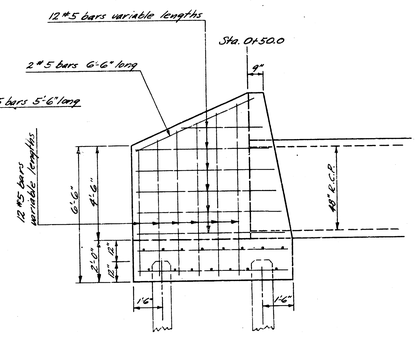
Sheet No. 10 of 12



PLAN VIEW



ELEVATION



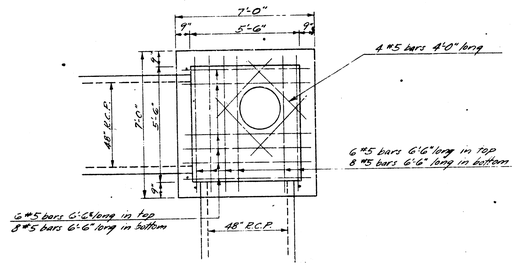
ELEVATION

REINF. CONC. OUTFALL STRUCTURE
STA. 0+50 LINE No. 1
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 to produce a maximum density of a most workable mixture. An internal vibrator shall be used for placing concrete. The floor of manholes are to be shaped for flow and drainage.

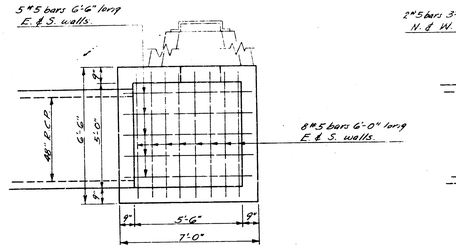
Catch basin leads are to enter the brick stacks on top of the reinf. conc. manholes at the elevations shown on the plan.

The cost of the brick stack is to be included in the bid price of reinf. conc. manhole.

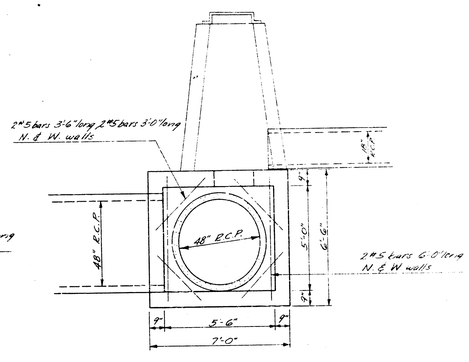


PLAN VIEW

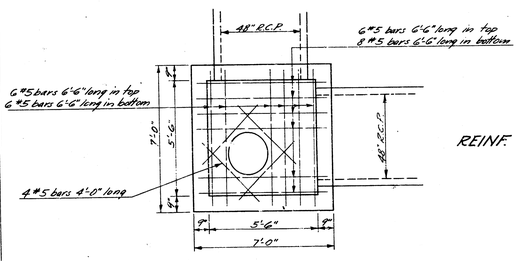
REINF. CONC. MANHOLE - STA. 6+83.6 LINE No. 1
Scale: 3/8" = 1'-0"



ELEVATION

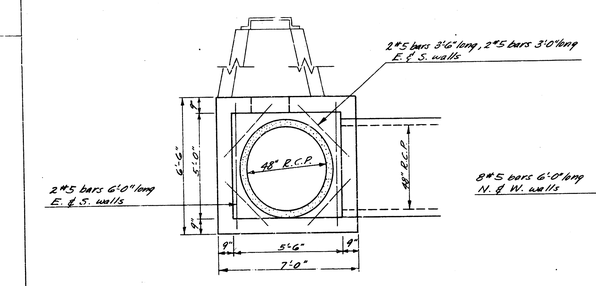


ELEVATION

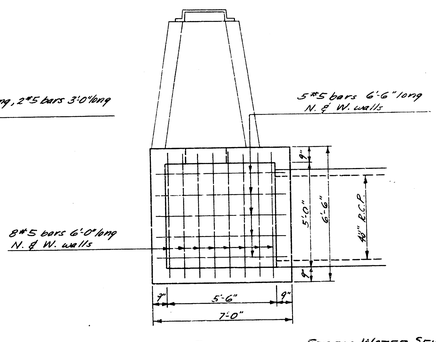


PLAN VIEW

REINF. CONC. MANHOLE - STA. 9+37.55 LINE No. 1
Scale: 3/8" = 1'-0"

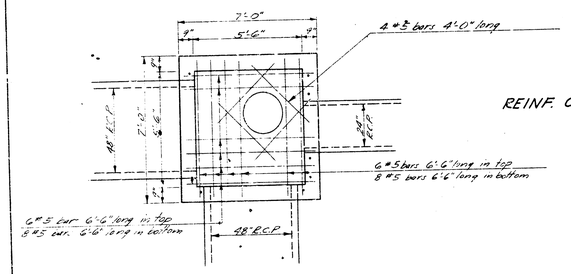


ELEVATION



ELEVATION

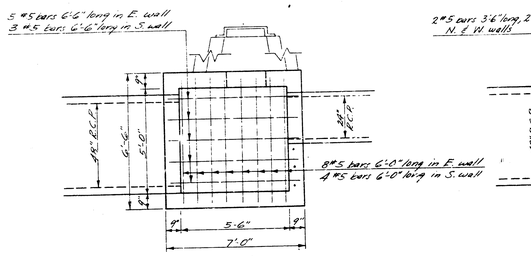
STORM WATER SEWER No. 66
Sheet No. 11 of 12



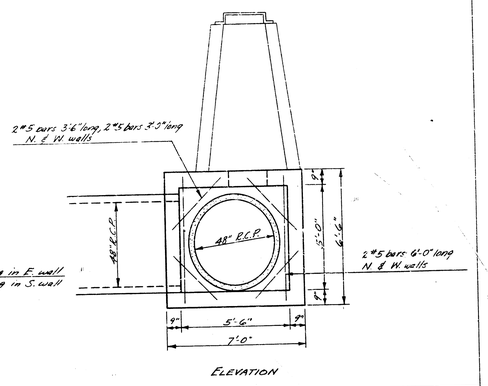
PLAN VIEW

REINF. CONC. MANHOLE - STA. 15+82.35

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



ELEVATION



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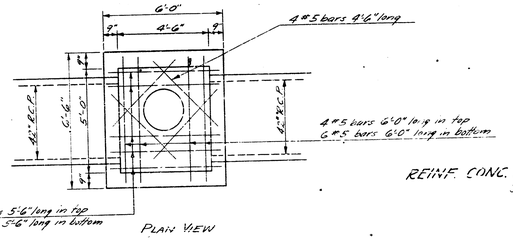
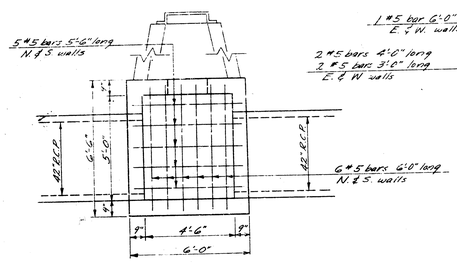


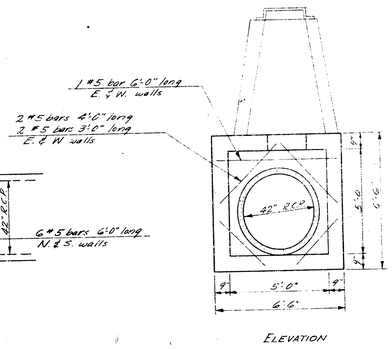
PLAN VIEW

REINF. CONC. MANHOLE - STA. 31+83.0

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



ELEVATION



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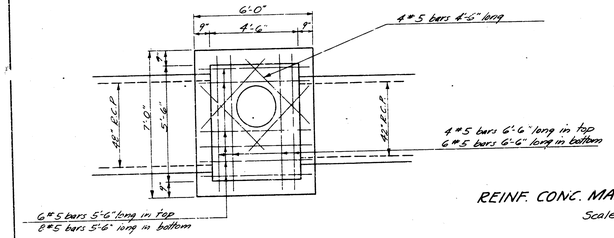
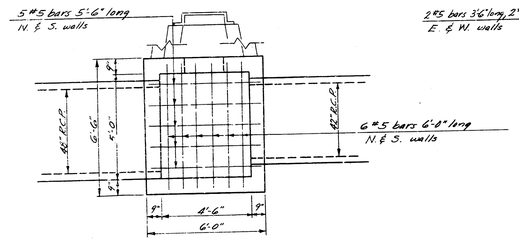


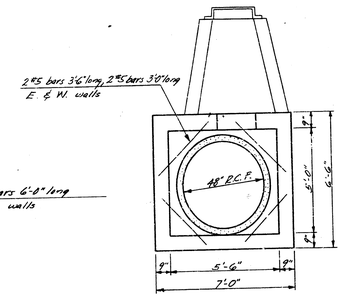
PLAN VIEW

REINF. CONC. MANHOLE - STA. 21+96.3

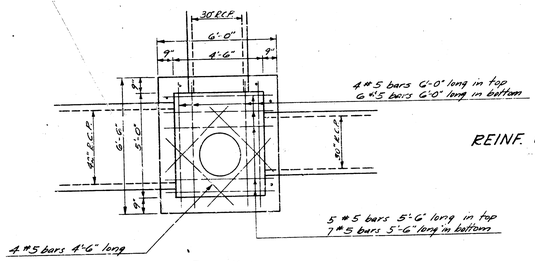
Scale: 3/8" = 1'-0"



ELEVATION



ELEVATION

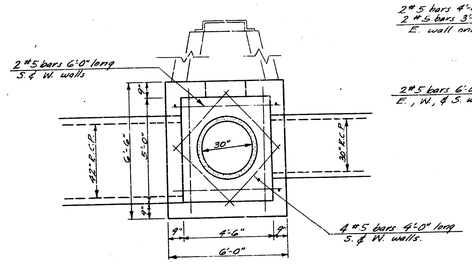


PLAN VIEW

REINF. CONC. MANHOLE - STA. 35+42.3

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

Note: North wall is to have same reinf. pattern as N. wall of M.H. @ Sta. 31+83.0



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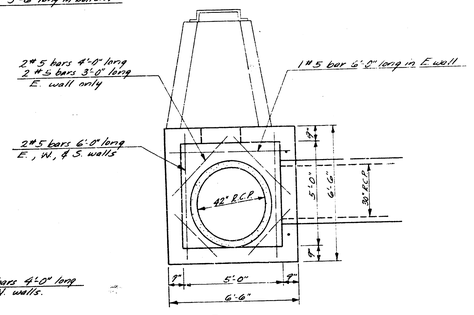

ELEVATION

STORM WATER SEWER NO. 66

SHEET NO. 12 OF 12