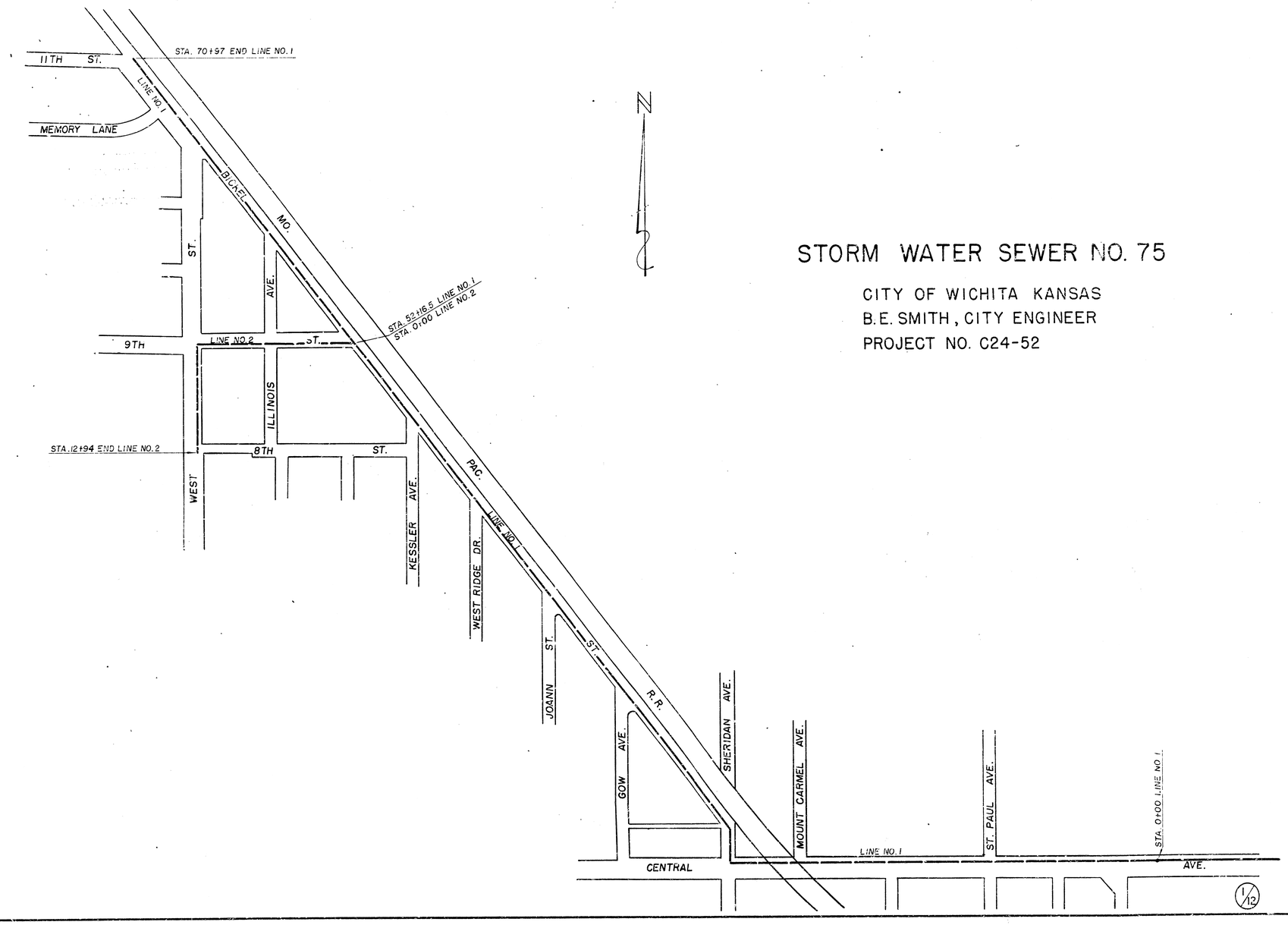


STORM WATER SEWER NO. 75

CITY OF WICHITA KANSAS
B.E. SMITH, CITY ENGINEER
PROJECT NO. C24-52

1/12

CENTRAL

EDWARDS AVE.

GORDON AVE.

AVE.

Note: Adjust exist. S.S. M.Hs to new elev.

Note: 8" S.S. to remain. Contractor will pump sewage if it is necessary to rem. & repl. 8" S.S. (Cost to be incidental to project.)

Note: Adjust exist. S.S. M.H. to new elev.

Note: Remove drives & face openings in new curb for new drives & new locations.

Note: Const. new comb. cb. & gt.

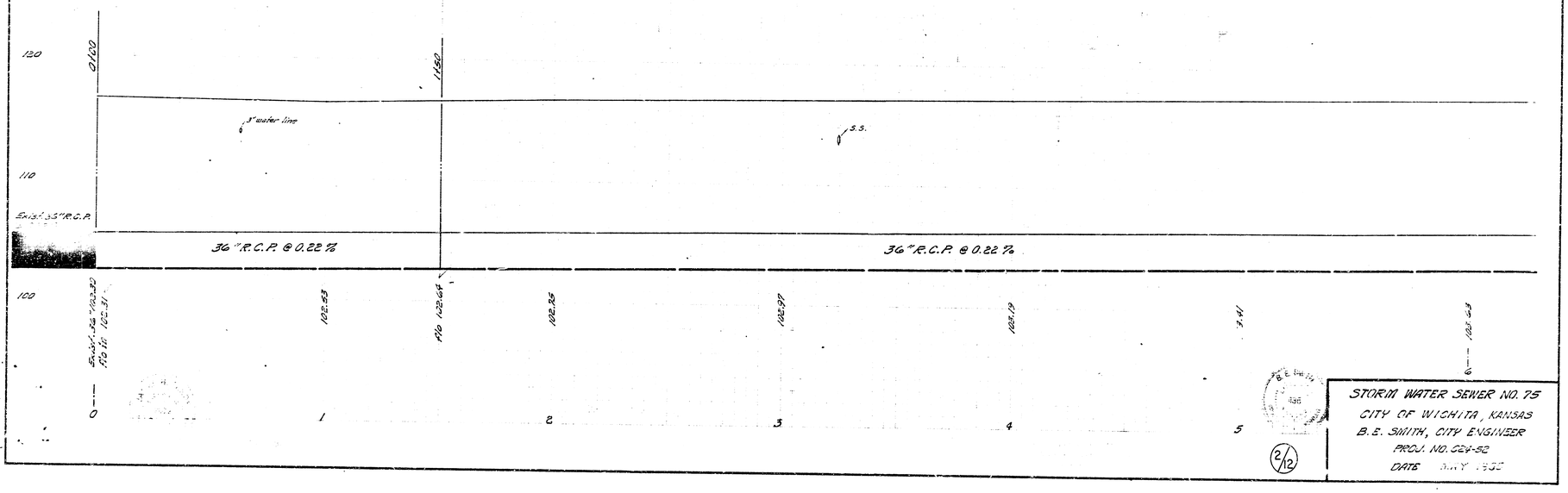
Sta. 0100 Const. Drive M.H.

Sta. 1150 Const. Drive M.H.

B.M. 117.14 "X" Cut top S. cb. Central approx. 4' W. of 2x8 G.S. on S.W. Cor. Central & Edwards

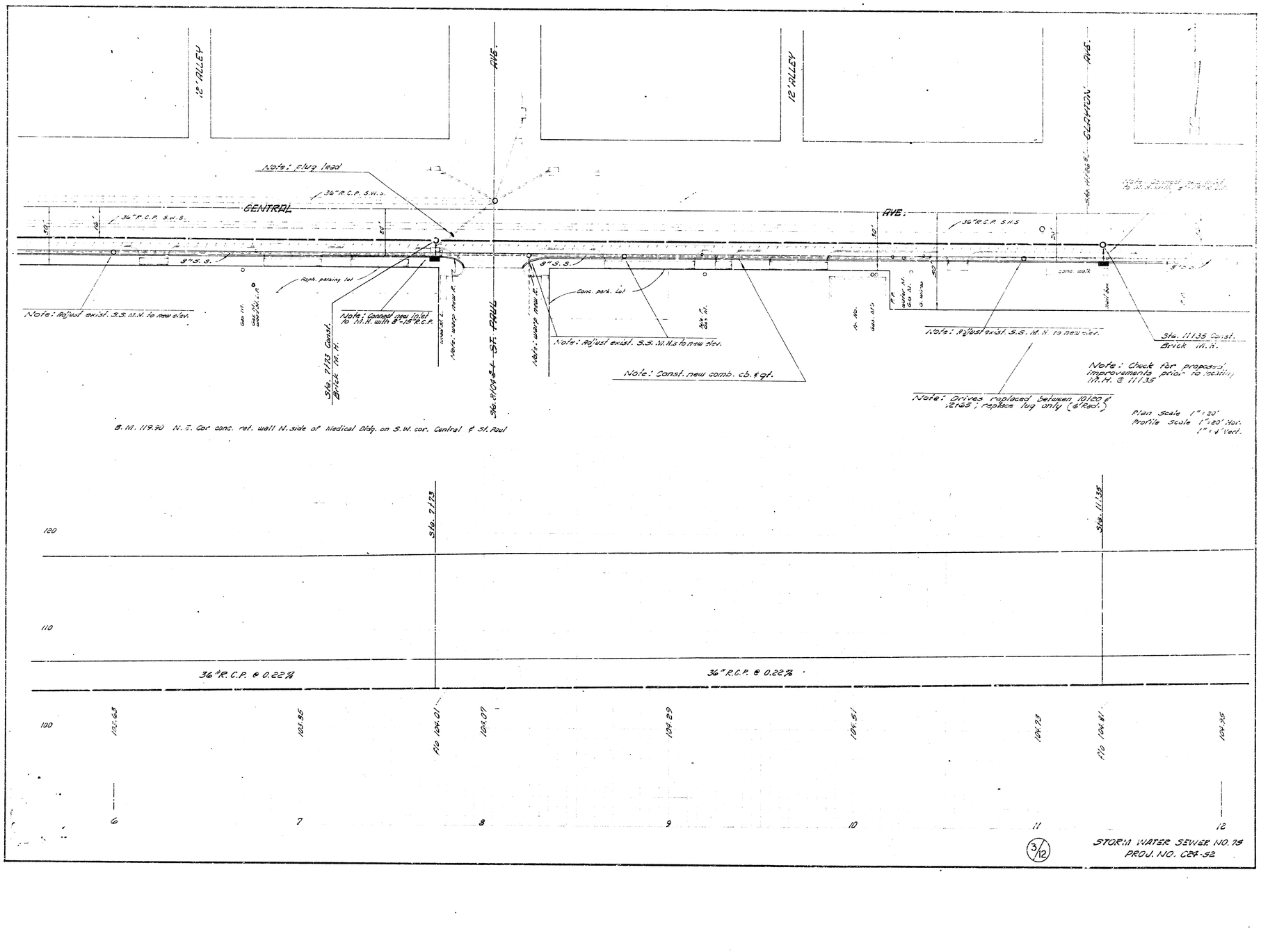
B.M. 118.82 Top bolt on N.W. cor. conc. base to Standard sign on S.W. cor. Central & Gordon

Plan Scale 1"=20'
Profile Scale 1"=20' Hor.
1"=4' Vert.



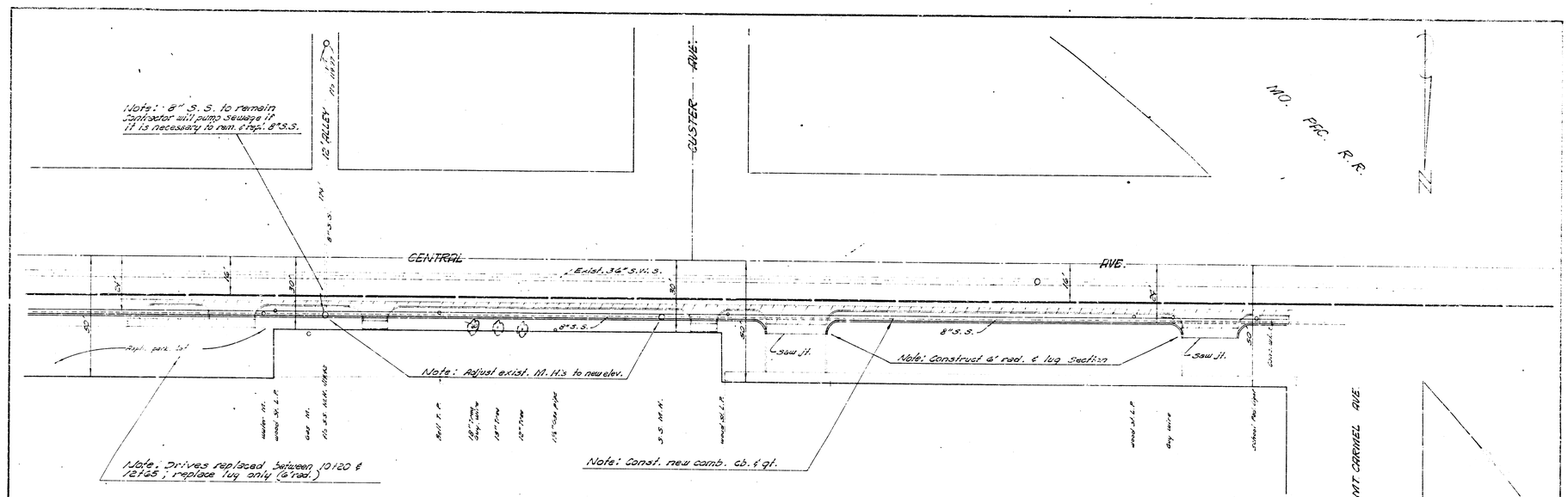
STORM WATER SEWER NO. 75
CITY OF WICHITA, KANSAS
B.E. SMITH, CITY ENGINEER
PROJ. NO. 524-52
DATE MAY 1952

2/12

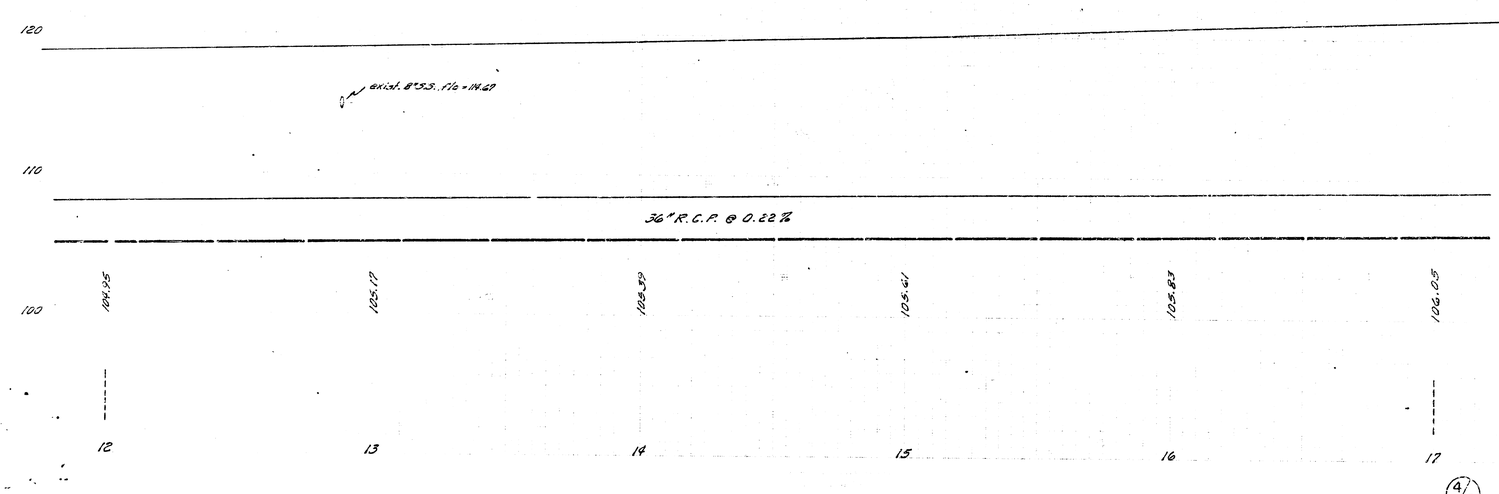


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STORM WATER SEWER NO. 79
PROJ. NO. CCA-52

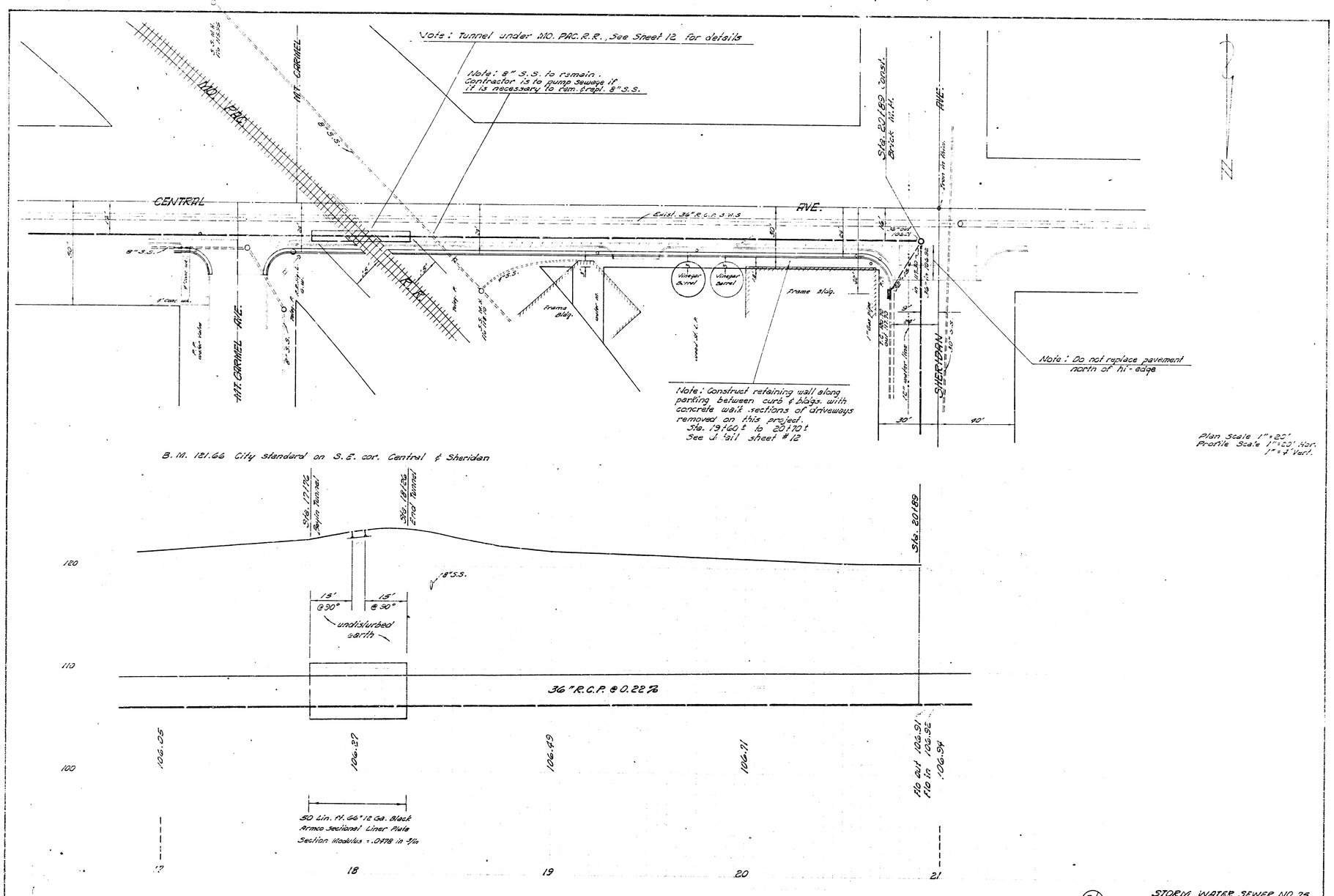


B. M. 120.98 Top bolt on N. E. cor. conc. base to flag sign on S. E. cor. Central & Custer



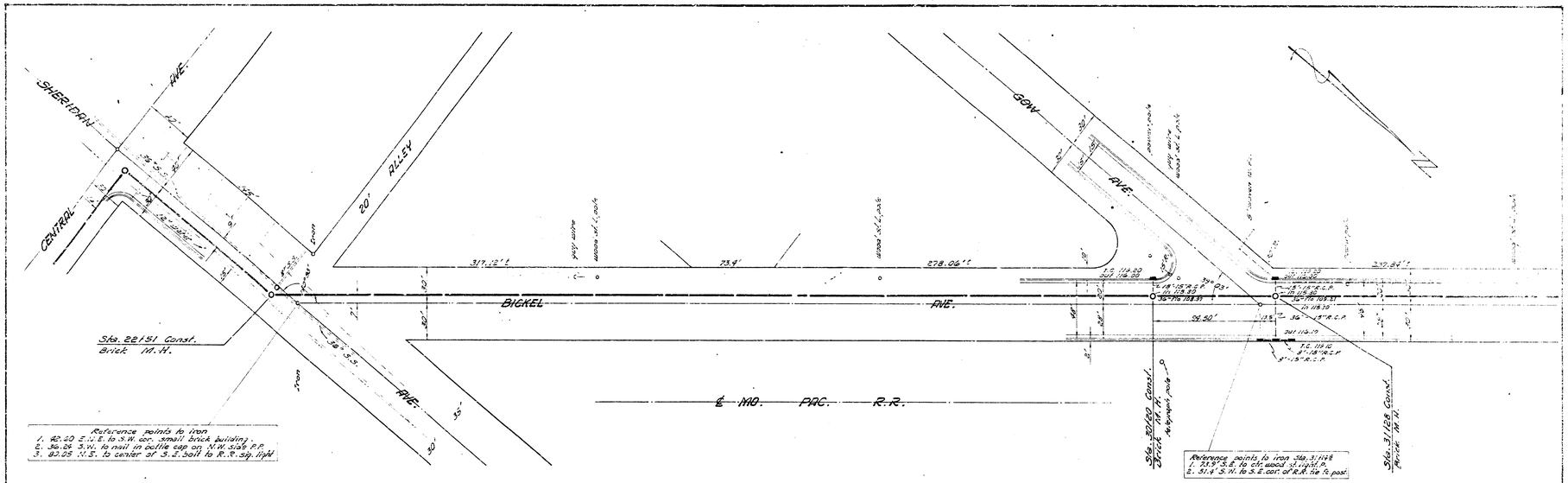
4/12

STORM WATER SEWER NO. 75
PROJ. NO. 629-52



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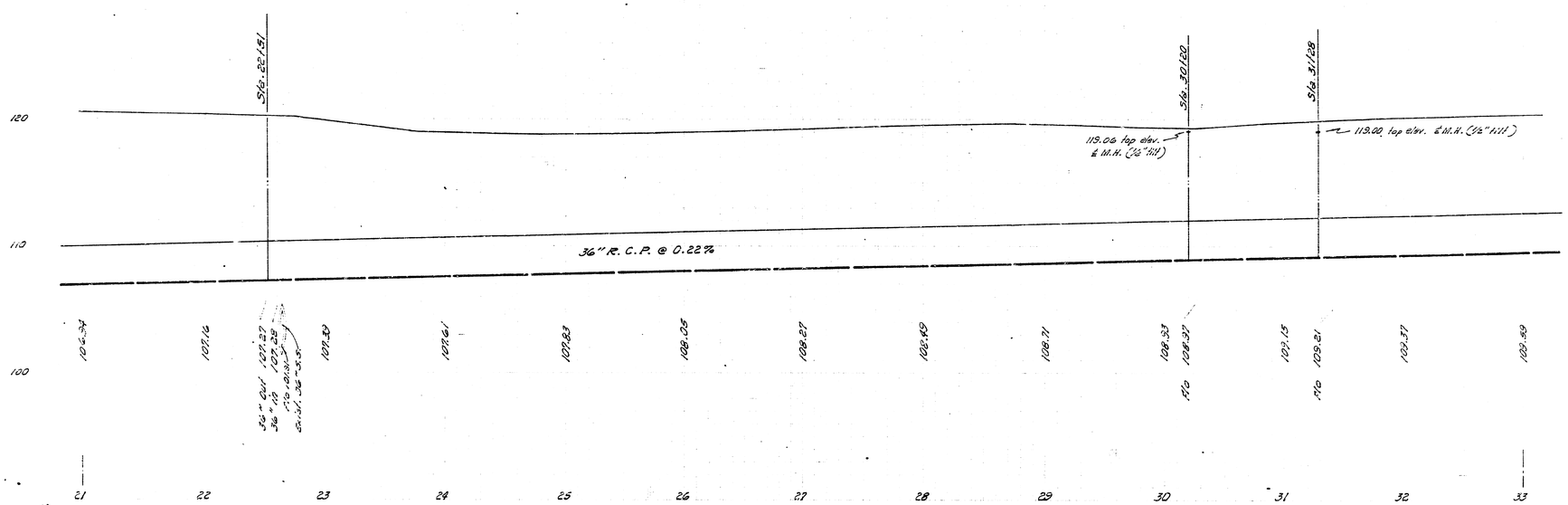
STORM WATER SEWER NO. 79
PROJ. NO. C28-52



B.M. 119.20 R.R. Spike on S.W. side telegraph pole on N.W. cor. Bickel & Sheridan

B.M. 120.21 R.R. spike on S.W. side telegraph pole, 27' E. & 46' N. of & Bickel & Gow Ave.

Plan Scale 1" = 40'
Profile Scale 1" = 4' Hor.
1" = 4' Vert.



6/12

STORM WATER SEWER NO. 75
PROJ. NO. CE6-52

JOANN ST.

WEST RIDGE DR.

BICKEL AVE.

Sta. 36+29 Const. Brick M.H.

Sta. 42+77 Const. Brick M.H.

Reference points to iron, Sta. 36+84.5
1. 98.8' W. to center of 8" elm tree
2. 62.9' S.E. to center of street light pole

Reference points to iron, Sta. 42+70
1. 26.0' S.W. to "G" in Globe top W. curb
2. 21.5' W. to ctr. wood st. light pole.

Note: Remove exist. 12"x18" C.M.P.

℄ MO. PAC. R.R.

Plan Scale 1" = 40'
Profile Scale 1" = 40' Hor.
1" = 4' Vert.

B.M. 120.90 "G" in Globe top E. curb West Ridge approx. 10' S. of S.L. Bickel

Sta. 36+76

Sta. 42+77

119.61 ℄ elev M.H. (12" I.I.)

120.84 ℄ elev. M.H. (24" I.I.)

36" R.C.P. @ 0.22%

120

110

100

109.59 | 109.81 | 110.03 | 110.25 | F.G. 110.41 | 110.47 | 110.69 | 110.91 | 111.13 | 111.35 | 111.57 | F.G. 111.74 | 111.79 | 112.01 | 112.23 | 112.45

33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46

7/12

STORM WATER SEWER NO. 75
PROJ NO. C28-52

Reference points to iron Sta. 67+85.7
1. 95.9' S.W. to ctr. of guy anch.
2. 89.0' N.W. to ctr. of Street light pole

Reference points to iron sta. 32+18.36
1. 70.5' N.E. to nail in bolt cap on N.W. side Telegraph pole
2. 52.8' N.W. to ctr. of st. light pole
3. 37.3' S.W. to cor. fence post

Reference points to iron sta. 38+12.13
1. 53' N. to ctr. of st. light pole
2. 51.1' S.W. to ctr. of 9" elm tree

KESSLER ST.

BICKEL

ILLINOIS AVE.

Sta. 32+18.5 Line #1
Sta. 01+00 Line #2
(see Sheet #10)

Line #2

ST.

66" water line

51°25'

E MO. PAC. R.R.

Note alignment change
between 32+18.5 & 38+30

Sta. 38+12.13 Line #1

Plan Scale 1"=40'
Profile Scale 1"=40' Hor.
1"=4' Vert.

B.M. 122.90 Grader blade in ground on S.W. side telegraph pole (Rt.) Sta. 68+24 @ Kessler & Bickel
B.M. 126.84 R.R. spike on S.W. side telegraph pole (Rt.) Sta. 32+76 @ 92nd & Bickel

B.M. 123.95 Grader blade in ground on S.W. side telegraph pole (Rt.) Sta. 38+77 @ Illinois & Bickel

Sta. 32+18.5 Line #1
Sta. 01+00 Line #2

Sta. 38+12.13

Top M.H. 125.17

Top M.H. 122.42
(12' fill)

66" water line

Top elev. 119.20

36" R.C.P. @ 0.22 %

30" R.C.P. @ 0.20 %

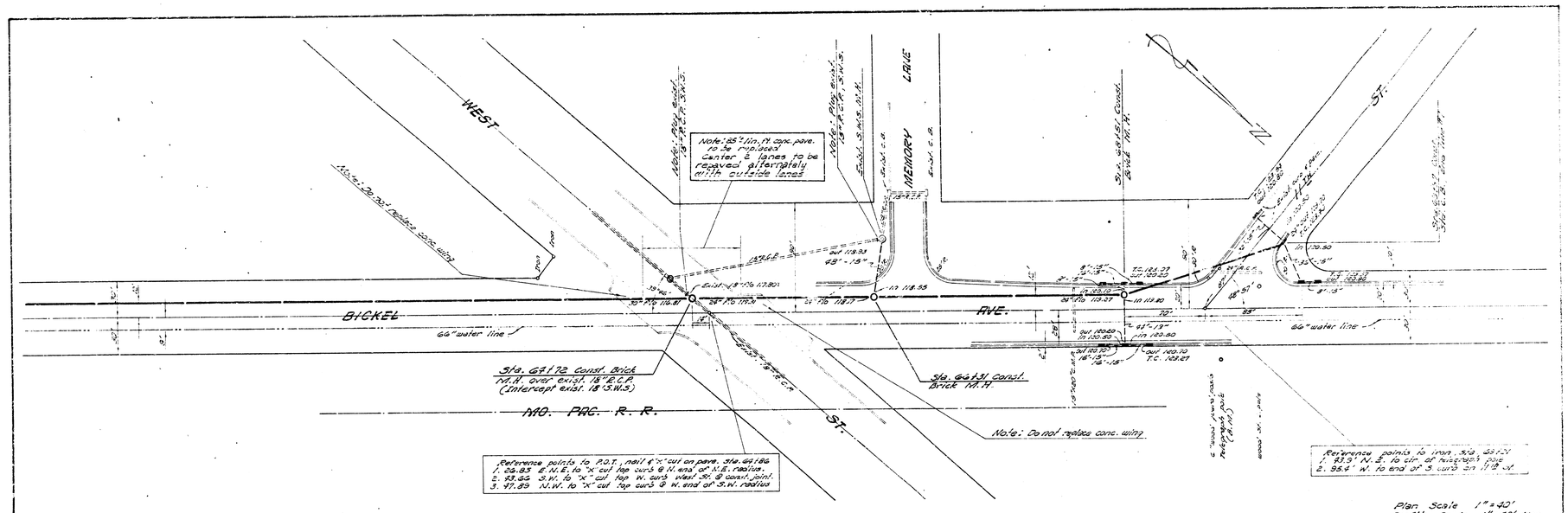
130
120
110

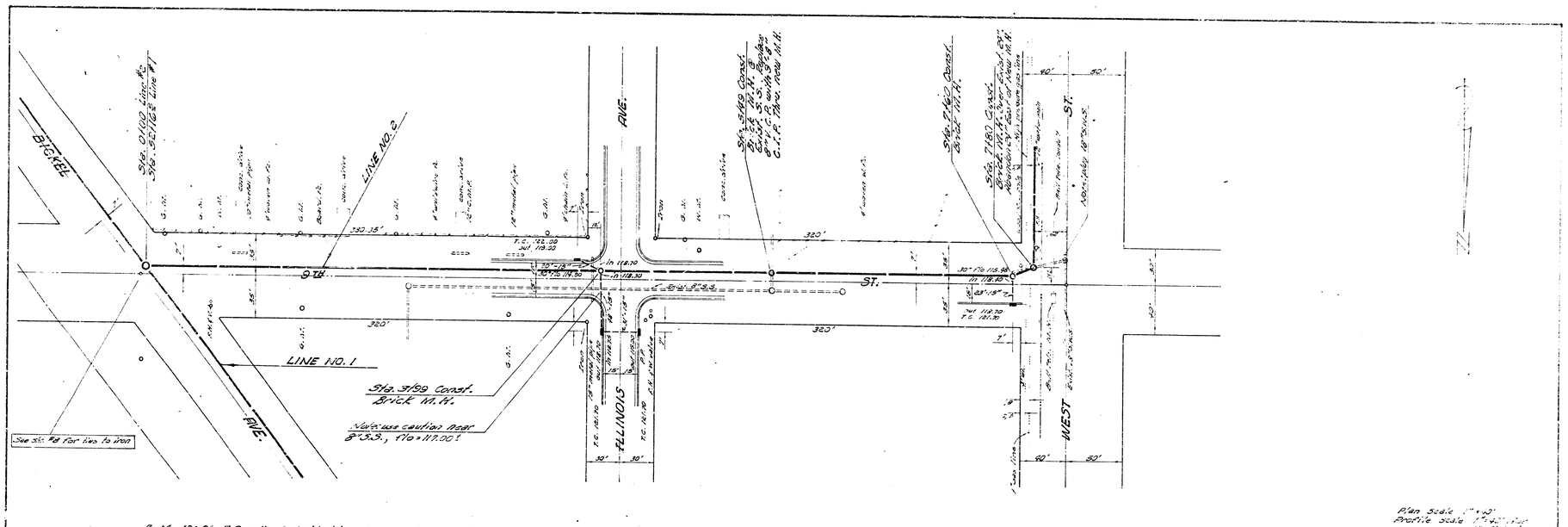
112.45	112.67	112.89	113.11	113.33	113.55	113.77	114.17	114.37	114.57	114.87	115.07	115.27	115.47	P.O. 115.59	115.47
46	47	48	49	30	51	52	53	54	55	56	57	58	59

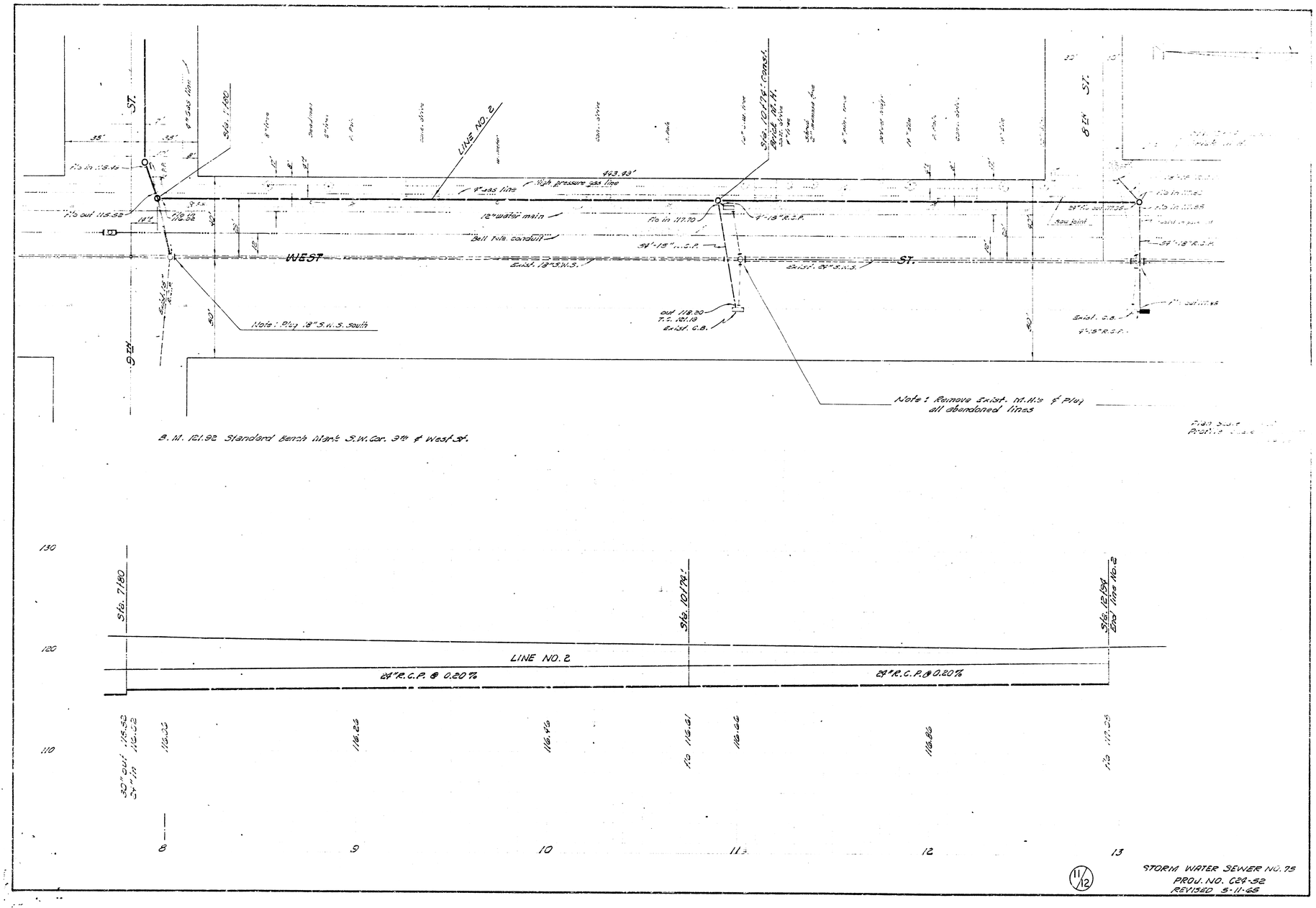
36" R.C.P. @ 0.22 %
30" R.C.P. @ 0.20 %
Line #2 30" R.C.P. 114.38
36" R.C.P. 113.77

8/12

STORM WATER SEWER NO. 75
PROJ. NO. 624-52


WEST
MEMORY
LANE
ST.
BICKEL
AVE.
MO. PAC. R. R.
ST.
Note: 85'± lin. ft. conc. pave. to be replaced Center 2 lanes to be repaved alternately with outside lanes
Note: Do not replace conc. wing
Note: Do not replace conc. wing
Sta. 64+72 Const. Brick M.H. over exist. 18" R.C.P. (Intercept exist. 18" S.W.S.)
Sta. 64+31 Const. Brick M.H.
66" water line
66" water line
Reference points to P.O.T., nail & "x" cut on pave. Sta. 64+86
1. 28.83 E.N.E. to "x" cut top curb @ N. end of N.E. radius.
2. 43.66 S.W. to "x" cut top W. curb West St. @ const. joint.
3. 47.89 N.W. to "x" cut top curb @ W. end of S.W. radius
Reference points to iron pin Sta. 64+47
1. 83.9' N. E. to cen. of telegraph pole
2. 95.4' W. to end of S. curb on 11th St.
Plan Scale 1"=40'
Profile Scale 1"=40' Hor.
1"=8' Vert.
B.M. 127.49 "X" cut in R.R. iron guard post on S. side R.R. signal light E. side West St., S side R.R. tracks
B.M. 126.39 R.R. spike on S.W. side telegraph pole (Rt.) Sta. 63+34 @ Bickel & 11th St.
Sta. 64+72
Sta. 66+31
Sta. 68+31
Sta. 69+97 End Line #1 @ Br. Ave.
123.68 Top M.H. (Hill 4")
123.05 Top M.H. (Hill 4")
30" R.C.P. @ 0.20%
24" R.C.P. @ 0.54%
24" R.C.P. @ 0.50%
24" R.C.P. @ 0.30%
66" water line
30" out 116.81
24" in 116.91
24" out 117.27
24" in 117.37
24" out 119.27
24" in 119.37
130
120
110
115.62
115.87
116.07
116.27
116.47
116.67
116.97
118.01
118.17
118.53
119.02
119.42
119.71
53
60
61
62
63
64
65
66
67
68
69
70
9/12
STORM WATER SEWER NO. 13
PROJ. NO. C24-52


BICKEL
Sta. 0+00 Line #5
Sta. 52+16 & Line #1
LINE NO. 2
AVE.
Sta. 3+49 Const.
Brick M.H.
Sta. 7+60 Const.
Brick M.H.
Sta. 7+80 Const.
Brick M.H.
Invert S.E. Bound
Invert N.E. Bound
Invert N.W. Bound
Invert S.W. Bound
Top of Curb Elev. 124.50
Top of Curb Elev. 124.50
Top of Curb Elev. 124.50

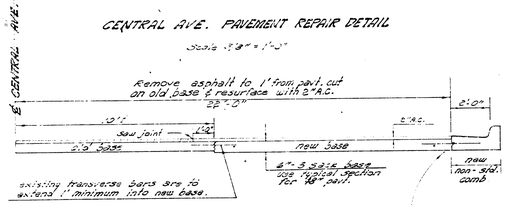


STORM WATER SEWER NO. 75
PROJ. NO. C24-52
REVISED 5-11-65

11/12

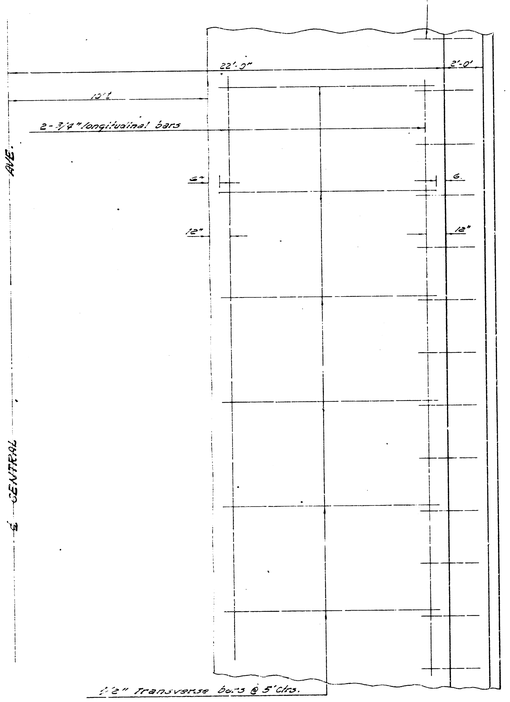
CENTRAL AVE. PAVEMENT REPAIR DETAIL

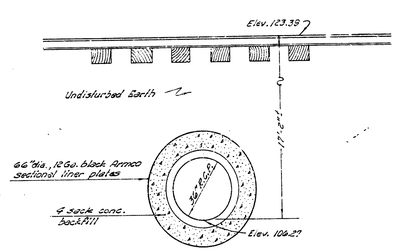
Scale 1"=1'-0"



Note: Sq. yds. of pavt. rem. will be paid where base is removed. Sq. yds. of asph. surface rem. will be paid where surface only is removed.

mastic joint & #4 dowell bars, 3' long 30" o/c.





TYPICAL SECTION
TUNNEL UNDER I.C.O. PAC. R.R. @ STA. 17176 TO 18126 LINE #1
Scale 3/8"=1'-0"

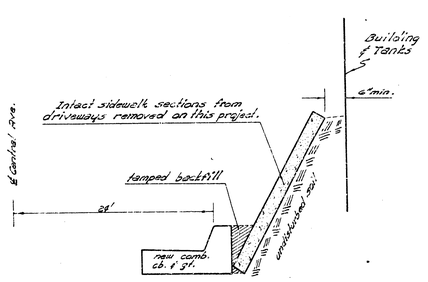
Note: Bid price of lin. ft. of R.R. tunnel is to include all costs of installation & backfill. Lin. ft. of 36" R.C.P. will be paid through tunnel.

Note: All backfill is to be flushed & vibrated. Cost of flushing & vibrating is to be included in the bid price of the pipe. If excavated material is unsuitable for backfill, sand fill will be used. Mechanically tamp backfill @ inlets.

Brick manholes on 36" dia. pipe are to be 5' diameter (inside) with 12" masonry walls & 9" floor.

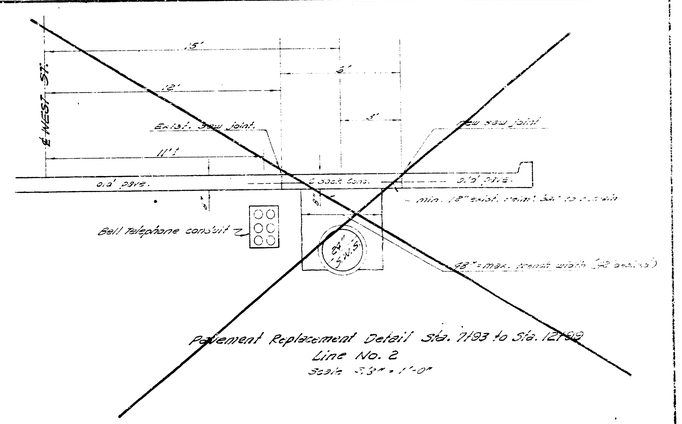
Inlets on Bickel Ave. will be constructed after paving or as determined by the Engineer.

Any excavation necessary for the pavement construction on this project will be included in the bid price of pavement.

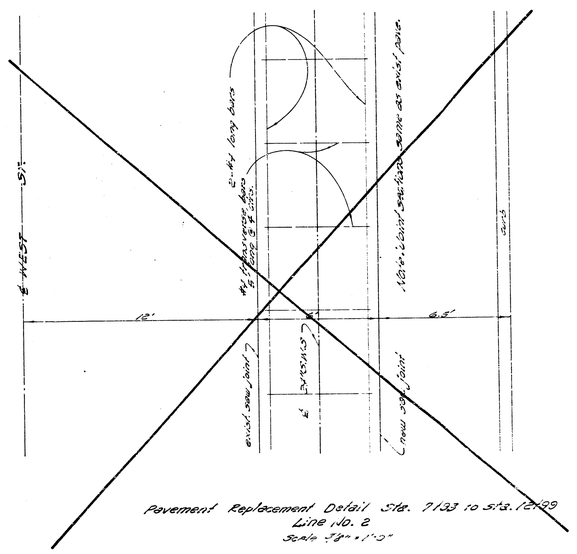


TYPICAL SECTION
RIP-RAP RETAINING WALL, STA. 13160 ℄ to 20170 ℄
no scale

Note: To be bid as lin. ft. of rip-rap wall (complete in place).



Pavement Replacement Detail Sta. 7193 to Sta. 12199
Line No. 2
Scale 3/8"=1'-0"



Pavement Replacement Detail Sta. 7193 to Sta. 12199
Line No. 2
Scale 3/8"=1'-0"

12/12

STORM WATER SEWER NO. 75
PROJ. NO. CBA-32
REVISED 5-11-65