PLAN FOR

MOVING AND ADJUSTING PIPE LINES IN CONNECTION WITH IMPROVEMENT OF HIGHWAY K-15

HYDRAULIC AVE. TO GILBERT ST.

CITY OF WICHITA, KANSAS

B. E. SMITH CITY ENGINEER

PROJECT NO. C6-5

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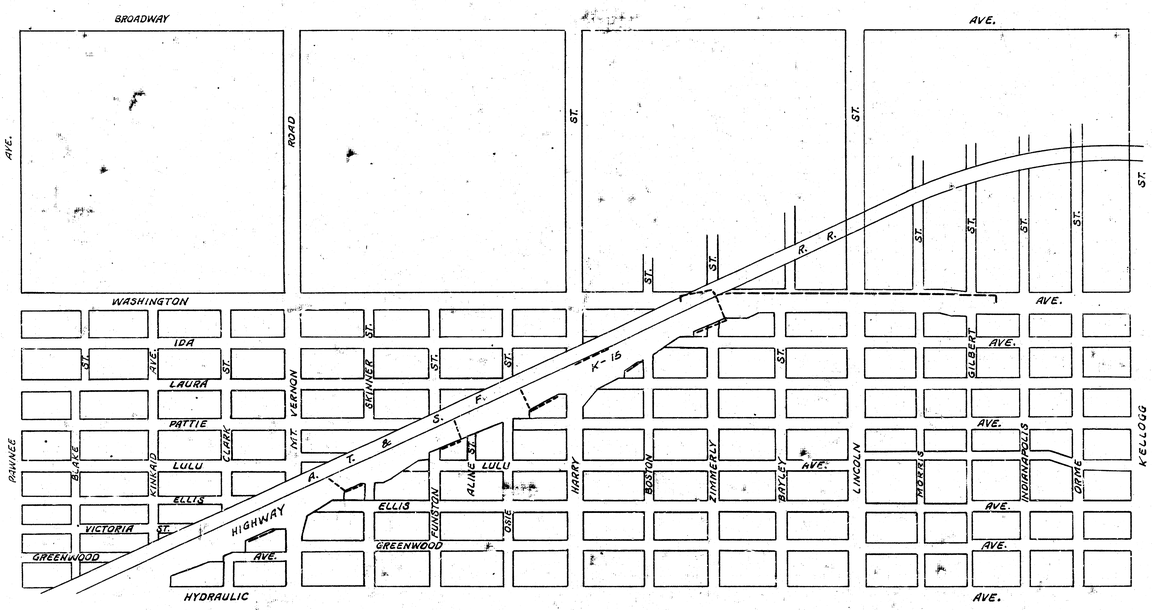
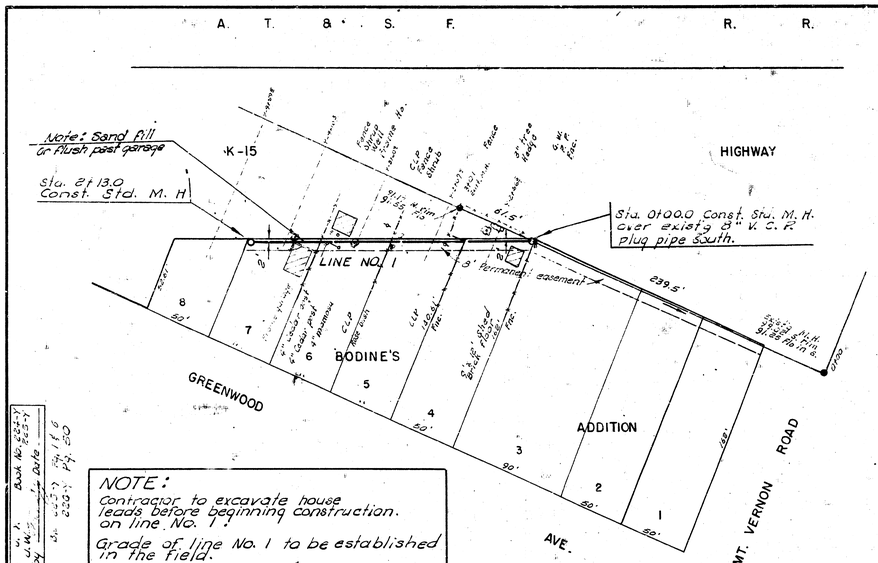


SHEET 1 OF 8



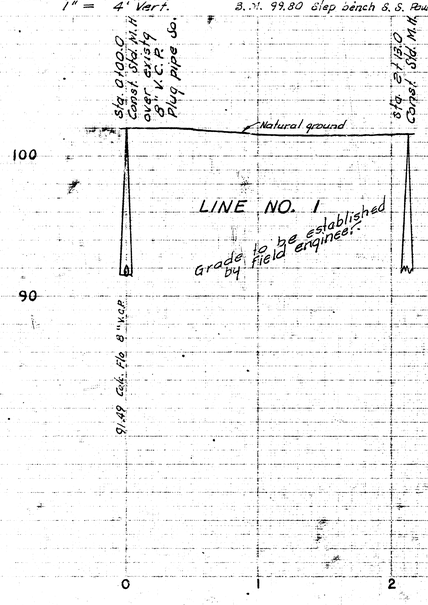
NOTE:
Contractor to excavate house leads before beginning construction on line No. 1.

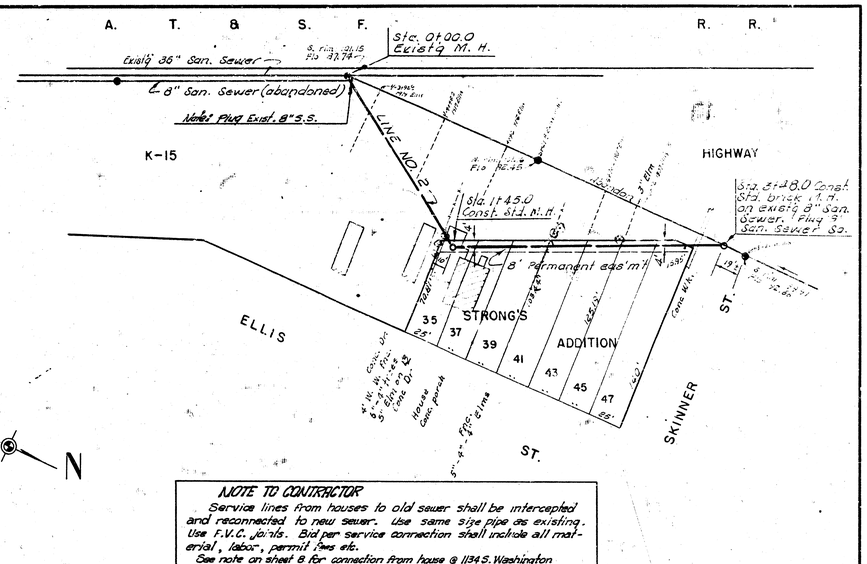
Grade of line No. 1 to be established in the field.

Hand dig if necessary past garage.

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

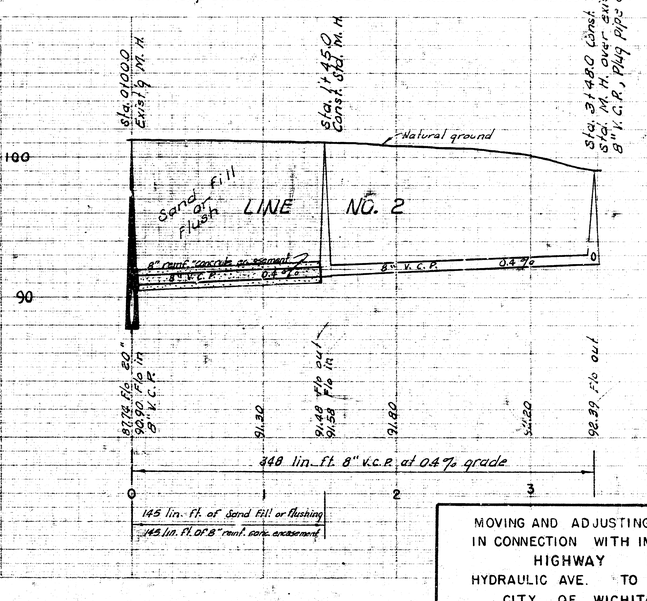
B. M. 99.80 Step bench S. S. Power Pole N. S. Mt. Vernon Rd. W. S. Alley No. 1st Alley W. of Greenwood.





NOTE TO CONTRACTOR
Service lines from houses to old sewer shall be intercepted and reconnected to new sewer. Use same size pipe as existing. Use P.V.C. joints. Bid per service connection shall include all material, labor, permit fees etc.
See note on sheet 8 for connection from house @ 1134 S. Washington

B. M. 100.54 Step bench S. E. side P. Pole S. S. Skinner 170' W of Ellis.



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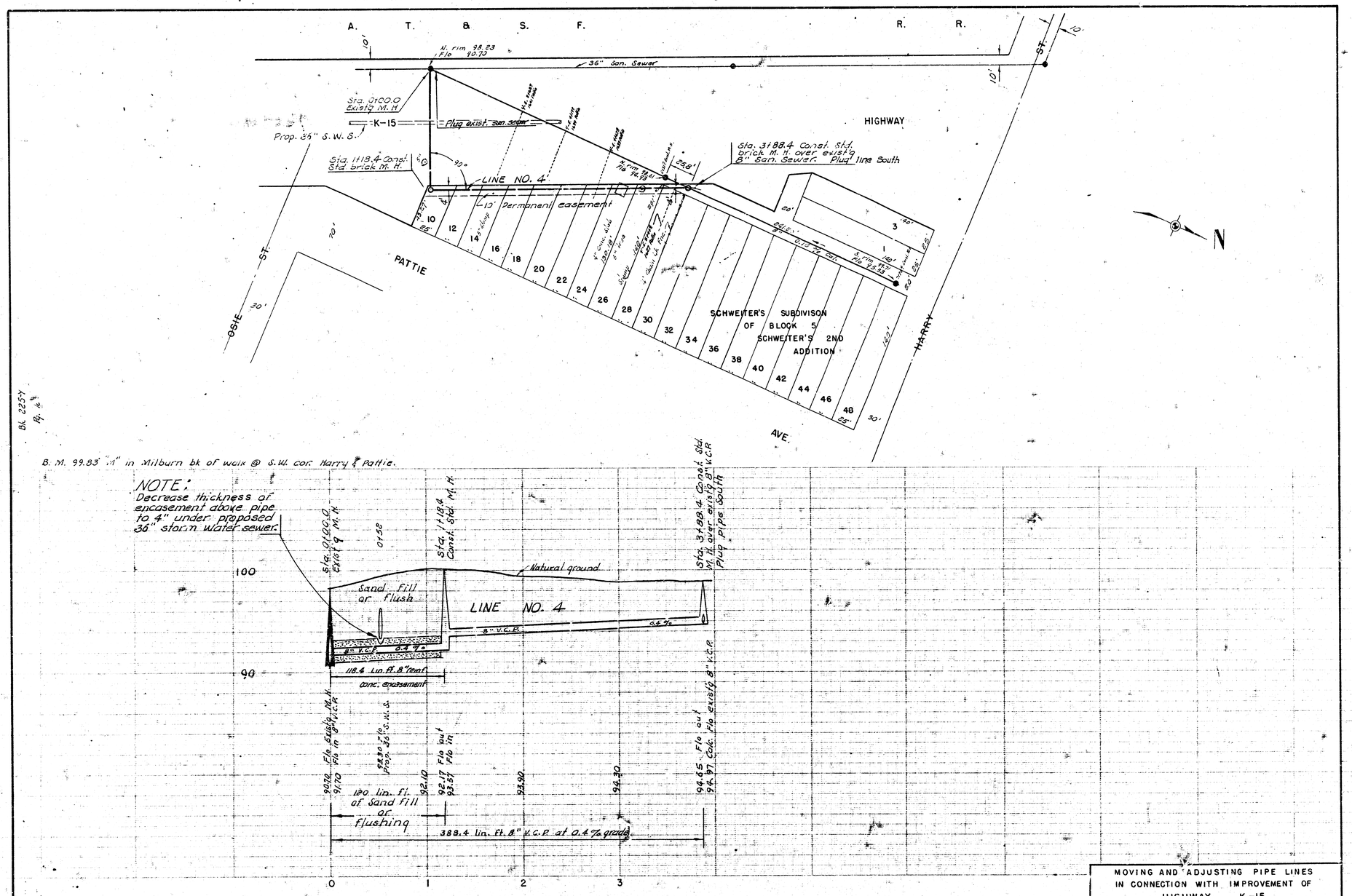
SEPT. 1964 PROJECT NO. C6-5
SHEET NO 2 OF 8

Survey by J. M. N. Book No. 223-7 Pg. 1 & 2
Checked by J. M. S. Survey date 223-7 Pg. 50



MOVING AND ADJUSTING PIPE LINES
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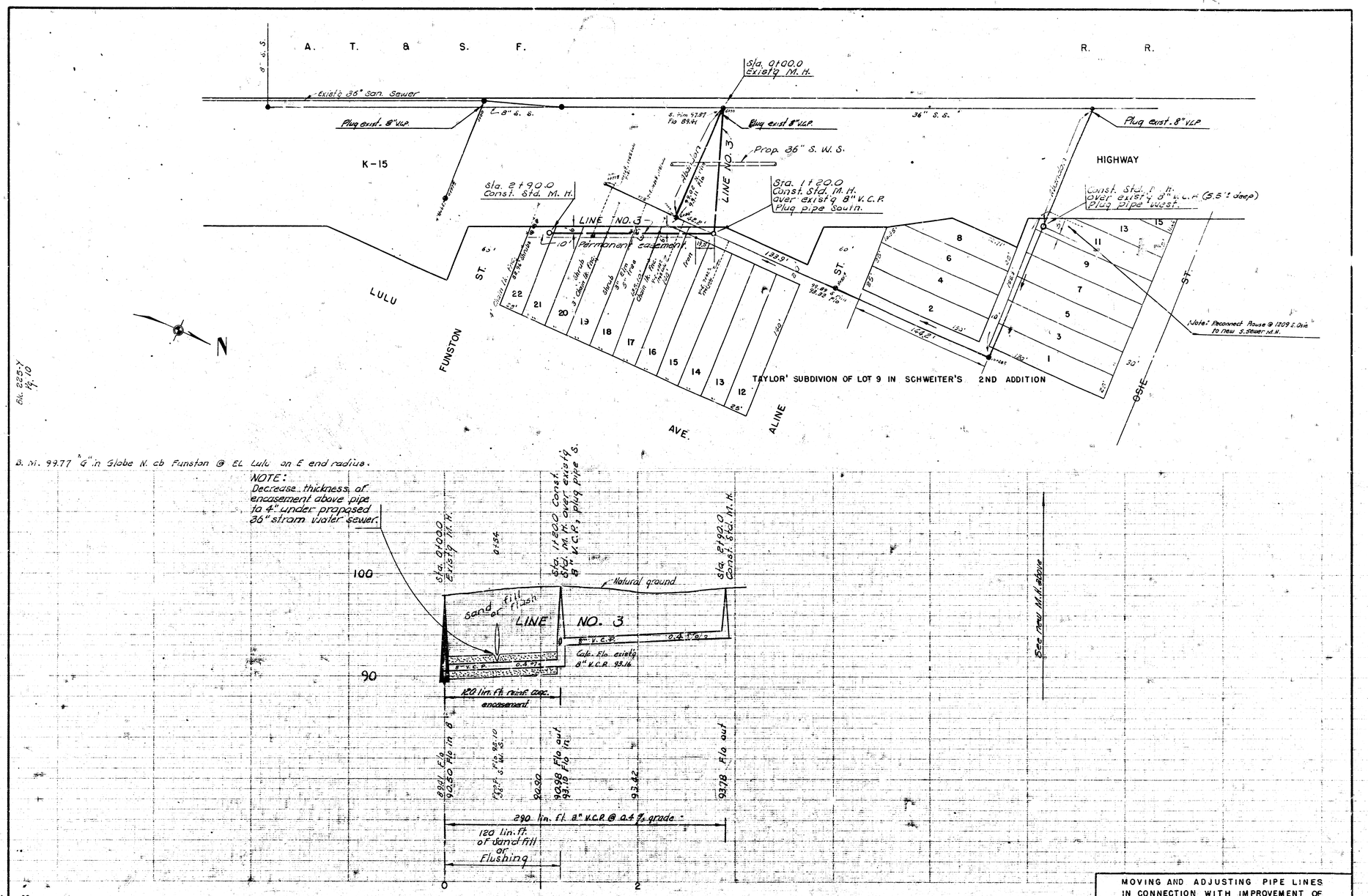
HYDRAULIC AVE. TO GILBERT ST.
PROJECT NO. C6-5
SHEET NO. 4 OF 8



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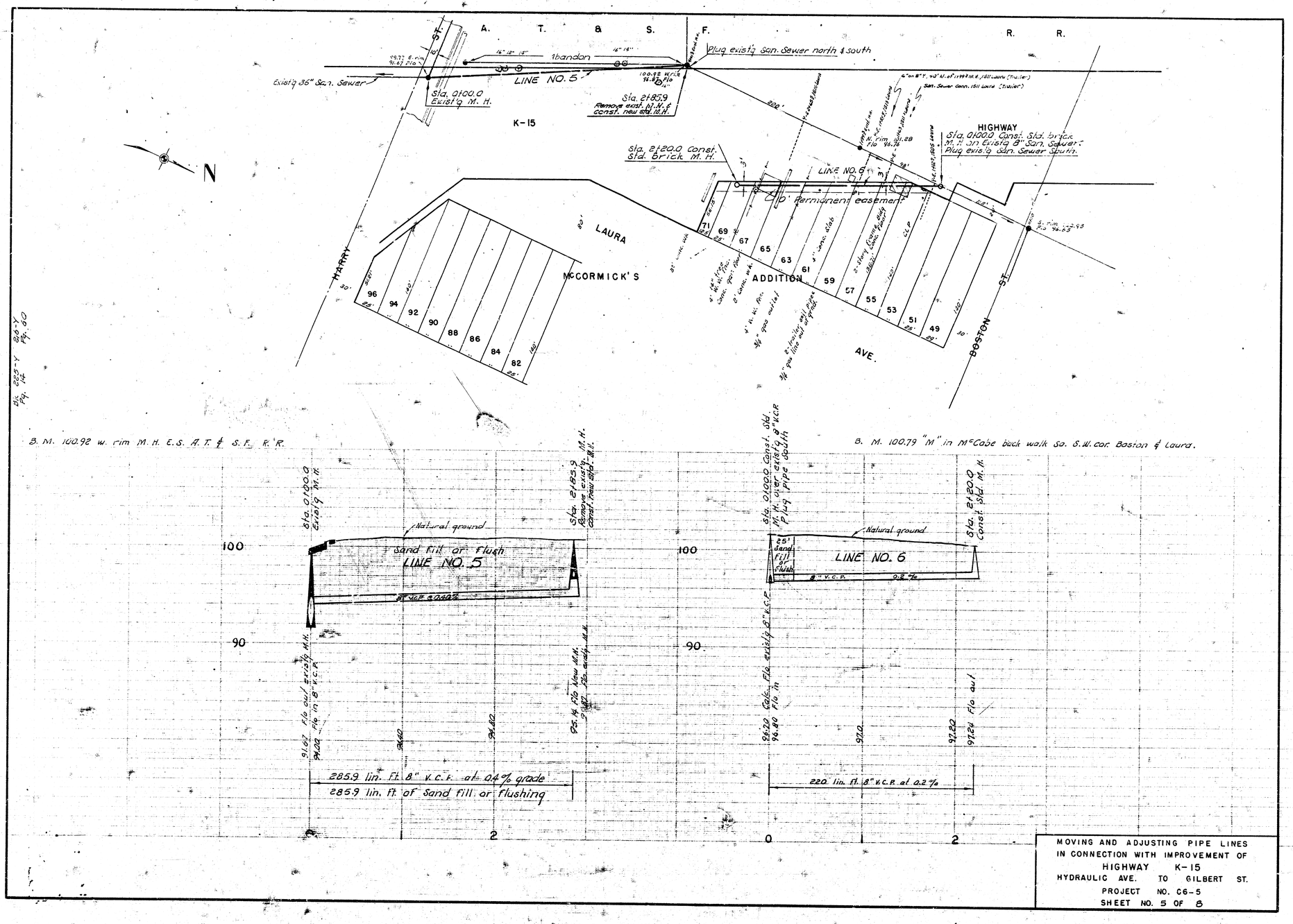
HYDRAULIC AVE. TO GILBERT ST.
PROJECT NO. C6-5
SHEET NO. 3 OF 8



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PROJECT NO. C6-5
SHEET NO. 5 OF 8

B. M. 105.87 ± on SE cor conc. Signal life base N. S. A. T. & S. F. R. R. – W. S. Washington Ave.

Sta. 0+34.65 Const. Std. M. H.

Existg M.H. N. Rich. 103.21 Flo 94.43

WASHINGTON

66.35'

Existg M.H. Top el. 104.18 Flo 94.93

Sta. 0+00.0 Const. Std. M. H. over existg 20" S. S.

Note: Plug exist. san. sewer

Abandon 8" San. Sewer

Existg M.H. Rim 104.37 Flo 96.12

Picket Inc. W.W. Dr. Ent.

16" Elm Conc. Walk Log. Section School Life Signal Post Wall

4" on pavement

F. Hyd.

ZIMMERLY ST.

A. T. & S. F. Pole

8" R. R. Tie post

R. R. Signal

Sta. 3+07.7 Const. Std. M.H.

Existg M.H. 104.11 W.Im 93.43 Flo

LINE NO. 7

C.L. water line

Section line

Sta. 1+42.9 Const. Std. M.H Remove existg M.H. West Const. 8" VCP to existg 8" VCP to west. Plug pipe east.

Sta. 3+58.6 Const. Std. M.H. Sta. 0+00.0 Line No. 8

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

Sta. 3+93.05 Instr

Line No. 7 Cont. on sheet No. 7.

74.95'

Pavement

41' conc. W.K.

33'

AVE.

Equation Sta. 6+05.6 back = Sta. 5+70.0 forward Const. Std. M. H.

Conc. slab 7" thick

8" Elm

6" Conc. Basement Dirt Floor

NOTE: 16" C. I. P. to be placed under railroad tracks by augering and sliding pipe into place. Augered hole to be cased with steel pipe.

Existg M.H. Rim 105.77 Flo 97.33

Sta. 1+95.8 Const Std. M. H. over existg 8" V. C. P. Plug pipe south.

Sta. 4+08.0 Const. Std. M. H.

Sta. 1+42.9 Const. Std. M. H. Remove existg M.H. west Const. 8" VCP to existg 8" VCP west. Plug pipe east.

Sta. 3+07.7 Const. Std. M. H.

Sta. 3+58.6 Const. Std. M. H. Sta. 0+00.0 Line No. 8

Sta. 0+00.0 Const. Std. M. H. over existg 20" S. S.

Sta. 0+34.65 Const. Std. M. H.

IDA

AVE.

Equation Sta. 6+05.6 Back = Sta. 5+70.0 Forward Const. Std. M. H. Line No. 7 Cont. on sheet No. 7

Sta. 0+00.0 Line No. 8 = Sta. 3+58.6 Line No. 7

Sta. 1+95.8 Const. Std. M. H. over existg 8" V. C. P. Plug pipe south.

Sta. 4+08.0 Const. Std. M. H.

Natural ground

Sand fill or flush

LINE NO. 7

51 lin. ft. 24" Casing

95.90 Flo in Line No. 8

15" V. C. P. 0.081 %

16" C. I. P.

15" V. C. P. 0.081 %

310 lin. ft. Sand fill or flushing

3077 lin. ft. 15" V. C. P.

51 lin. ft. 16" C. I. P.

250 lin. ft. of Sand fill or flushing

247 lin. ft. 15" V. C. P.

0.081 % grade

LINE NO. 8

Existg 8" 96.38 Flo

8" VCP @ 0.20%

8" VCP @ 0.40%

0.4 %

198.8 lin. ft. 8" conc. encasement

195.8 lin. ft. 8" VCP @ 0.20% Grade

212.2 lin. ft. 8" V. C. P. @ 0.40% Grade

200 lin. ft. Sand fill or flushing

Fall elev. 102.0

Undisturbed earth

24" Steel pipe to be jacked in place.

4 sack sand - mix

24" C.I.P.

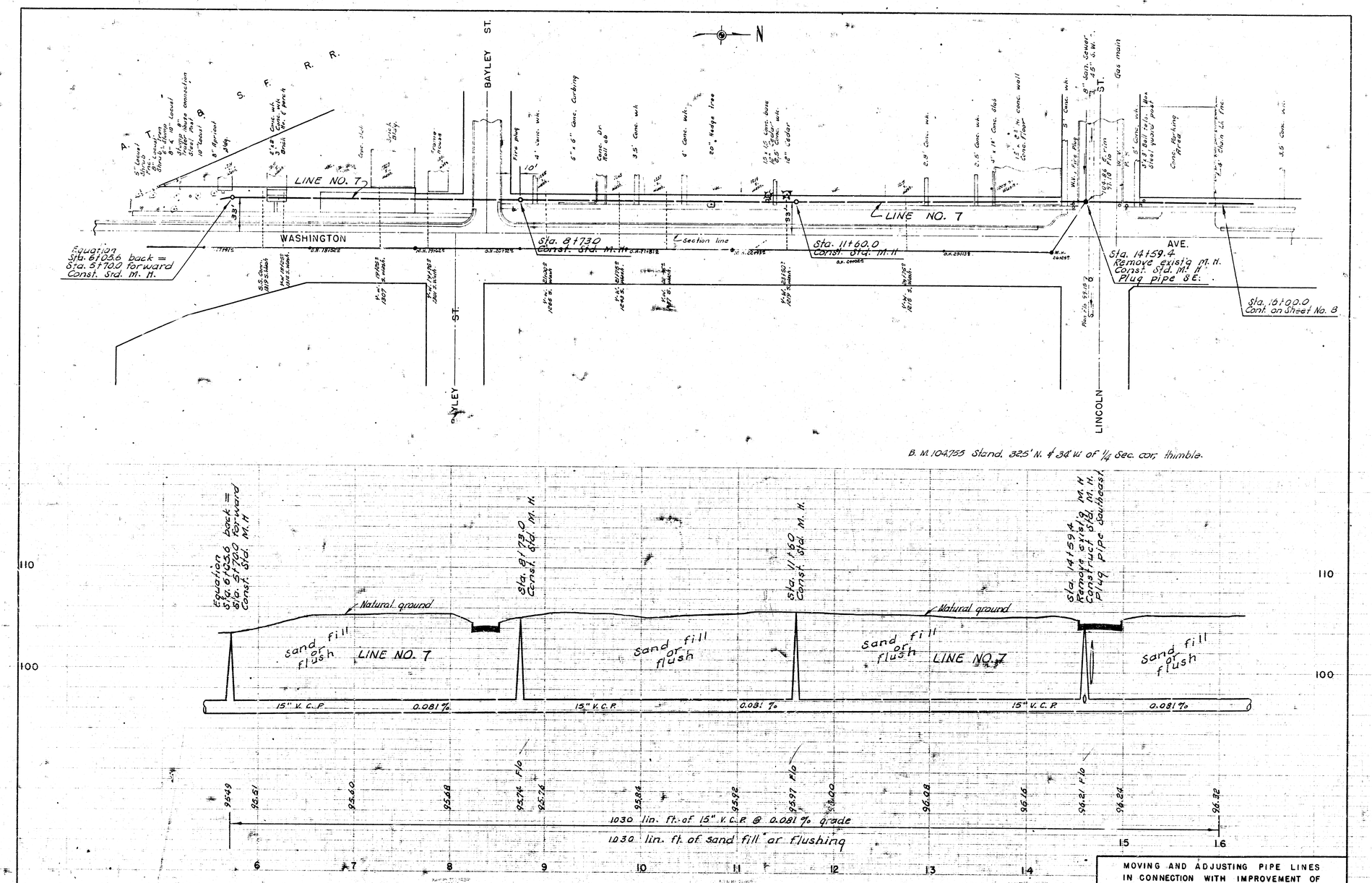
18" C.I.P.

95.22 Flo 7

3"

CROSS SECTIONAL VIEW OF SEWER CROSSING UNDER A. T. & S. F. RAILROAD TRACKS SEC. 28, TWP 27, R1E

MOVING AND ADJUSTING PIPE LINES IN CONNECTION WITH IMPROVEMENT OF HIGHWAY K-15 HYDRAULIC AVE. TO GILBERT ST. PROJECT NO. C6-5 SHEET NO. 6 OF 8



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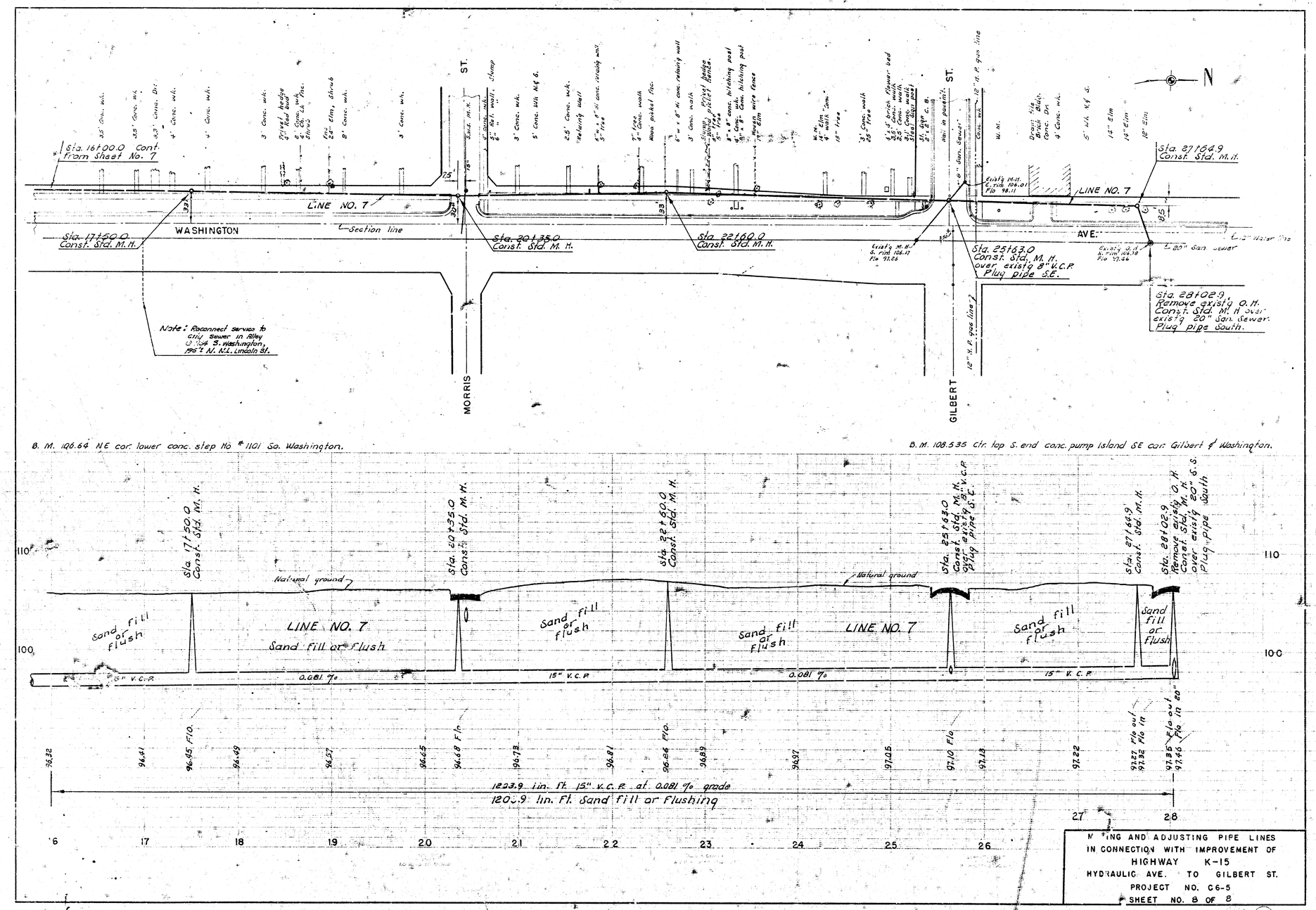
PROJECT NO. C 6-5
SHEET NO. 7 OF 8



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SHEET NO. 8 OF 8

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