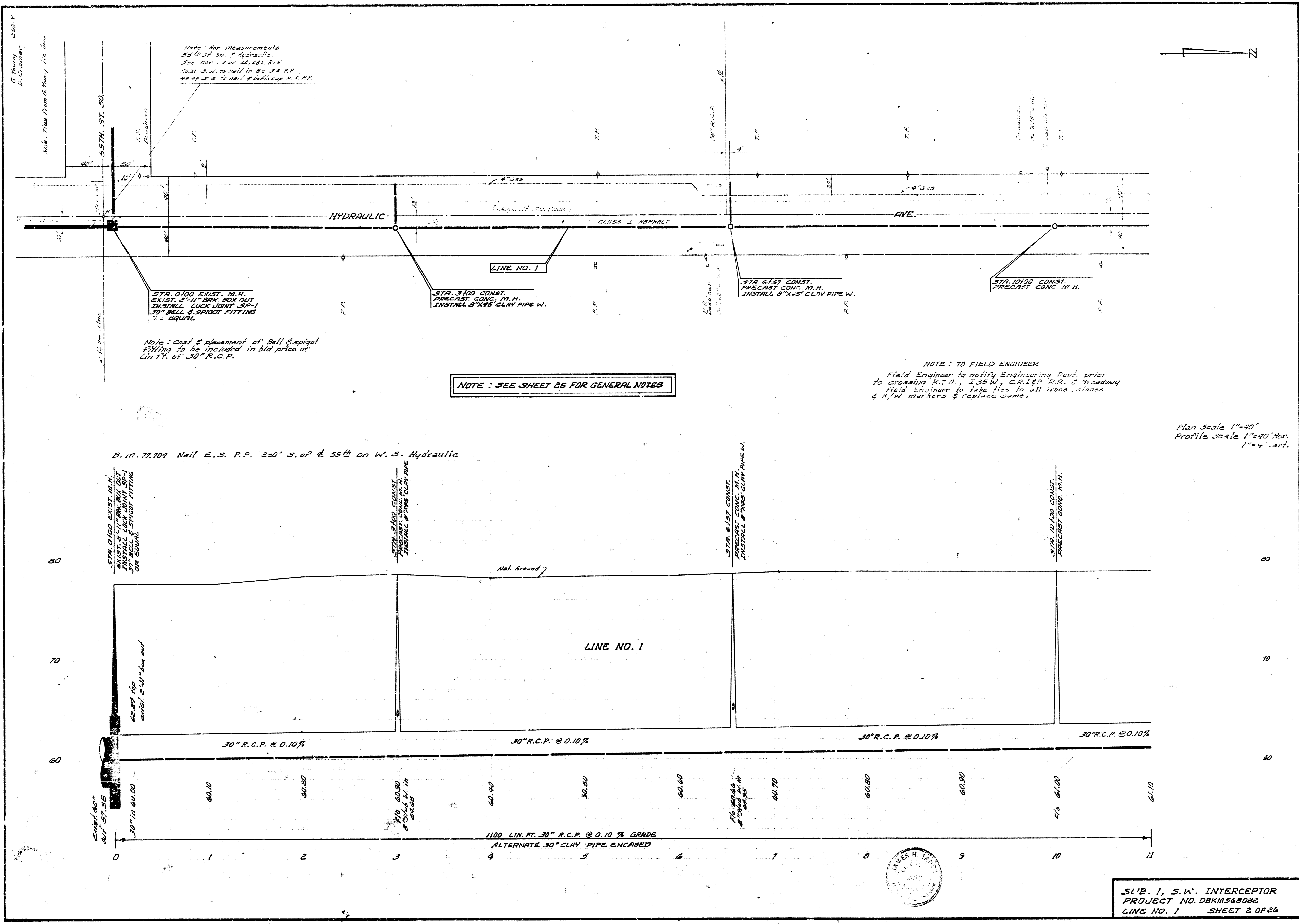


B.E. Smith AUG. 28, 1969
 B.E. SMITH - CITY ENGINEER

SUB. I, S.W. INTERCEPTOR

CITY OF WICHITA, KANSAS - B.E. SMITH, CITY ENGINEER

PROJECT NO. DBKM568082 SHEET 1 OF 26



G. Young
D. G. Young

Note: True from G. Young's loc.

Note: For measurements
55' W. of 50' Hydraulic
3rd Cor. S.W. 28, 285, R1E
53.31 S.W. 1/4 in 86 S.S. P.P.
48.42 S.W. 1/4 in 86 S.S. P.P.

Note: Cost & placement of Bell & spigot
fitting to be included in bid price of
lin. ft. of 30" R.C.P.

NOTE: SEE SHEET 25 FOR GENERAL NOTES

NOTE: TO FIELD ENGINEER
Field Engineer to notify Engineering Dept. prior
to crossing K.T.A. 4.35 W. C.R.I.S.P. R.R. & Broadway
Field Engineer to take ties to all irons, stones
& R/W markers & replace same.

B.M. 77.701 Nail E.S. P.P. 230' S. of & 55th on W.S. Hydraulic

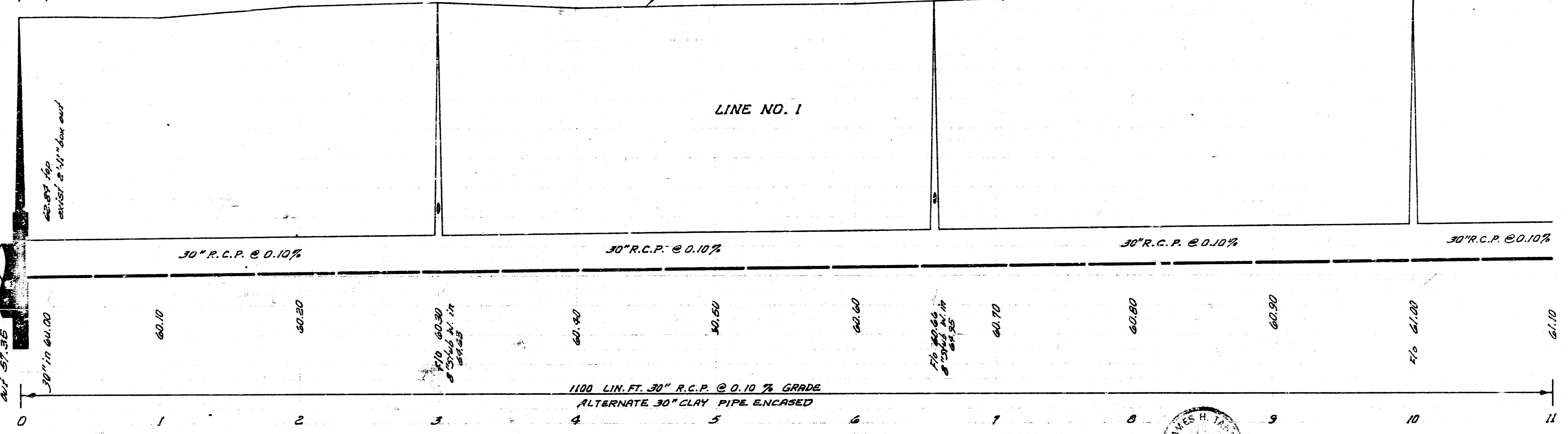
Plan Scale 1"=40'
Profile Scale 1"=40' Hor.
1"=4' Vert.

STA. 0+00 EXIST. M.H.
EXIST. 2'-11" BRK. BOX OUT
INSTALL LOCK JOINT SP-1
30" BELL & SPIGOT FITTING
ON EQUAL

STA. 3+00 CONST.
PRECAST CONC. M.H.
INSTALL 8" X 8" CLAY PIPE W.

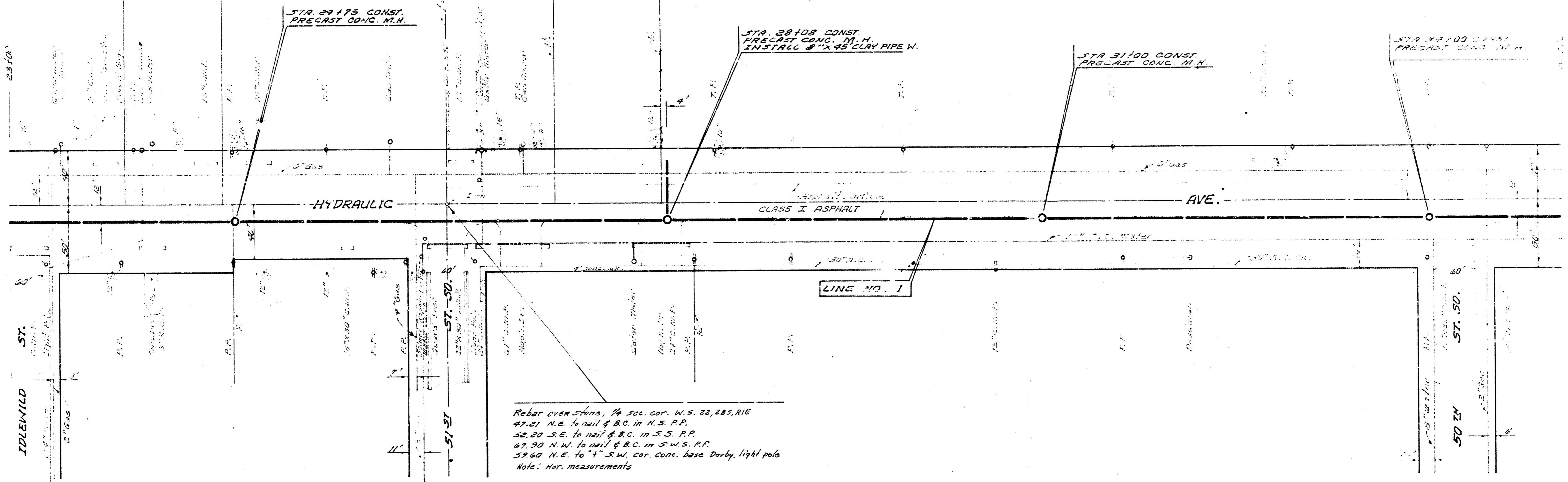
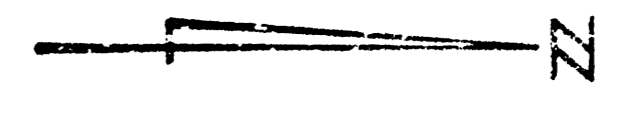
STA. 6+50 CONST.
PRECAST CONC. M.H.
INSTALL 8" X 8" CLAY PIPE W.

STA. 10+00 CONST.
PRECAST CONC. M.H.



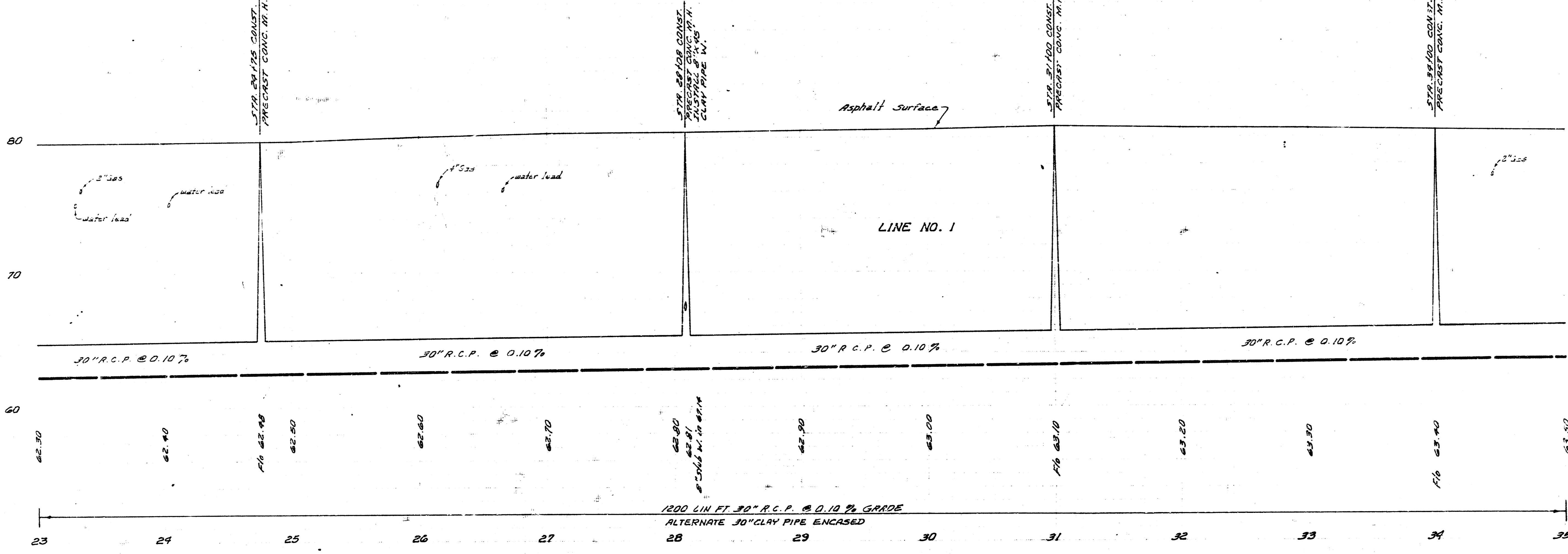
SUB. 1, S.W. INTERCEPTOR
PROJECT NO. DBKM548082
LINE NO. 1 SHEET 2 OF 26

4-552

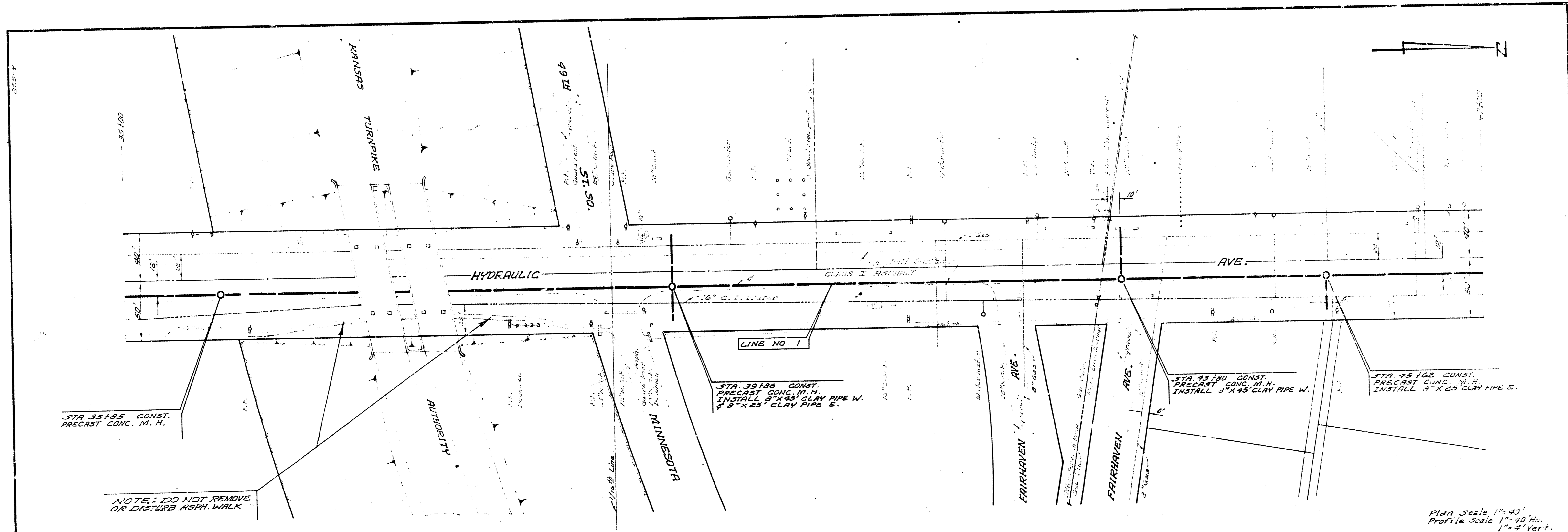


Rebar over signs, 1/4 sec. cor. W.E. 22, 22 1/2, RIE
 47.21 N.E. to nail & B.C. in S.S. P.P.
 52.20 S.E. to nail & B.C. in S.S. P.P.
 47.30 N.W. to nail & B.C. in S.W.S. P.P.
 53.50 N.E. to 1" S.W. cor. conc. base Derby light pole
 Note: Hor. measurements

B.M. 80.409 "4" on S.W. cor. conc. base Derby sign N.E. 51st & Hydraulic



SUB. 1, S.W. INTERCEPTOR
 PROJECT NO. DBKMS68082
 LINE NO. 1 SHEET 4 OF 26



STA. 35185 CONST.
PRECAST CONC. M.H.

NOTE: DO NOT REMOVE
OR DISTURB ASPH. WALK

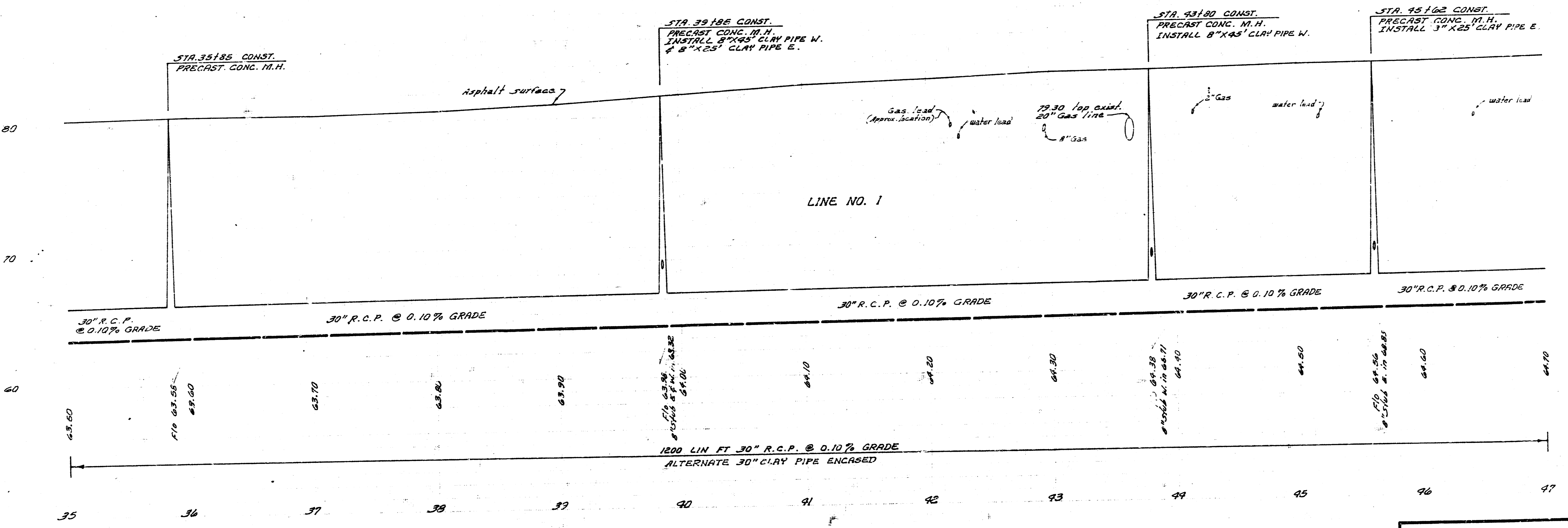
STA. 39186 CONST.
PRECAST CONC. M.H.
INSTALL 8" X 8" CLAY PIPE W.
4' 8" X 25' CLAY PIPE E.

STA. 43180 CONST.
PRECAST CONC. M.H.
INSTALL 8" X 8" CLAY PIPE W.

STA. 45162 CONST.
PRECAST CONC. M.H.
INSTALL 8" X 8" CLAY PIPE E.

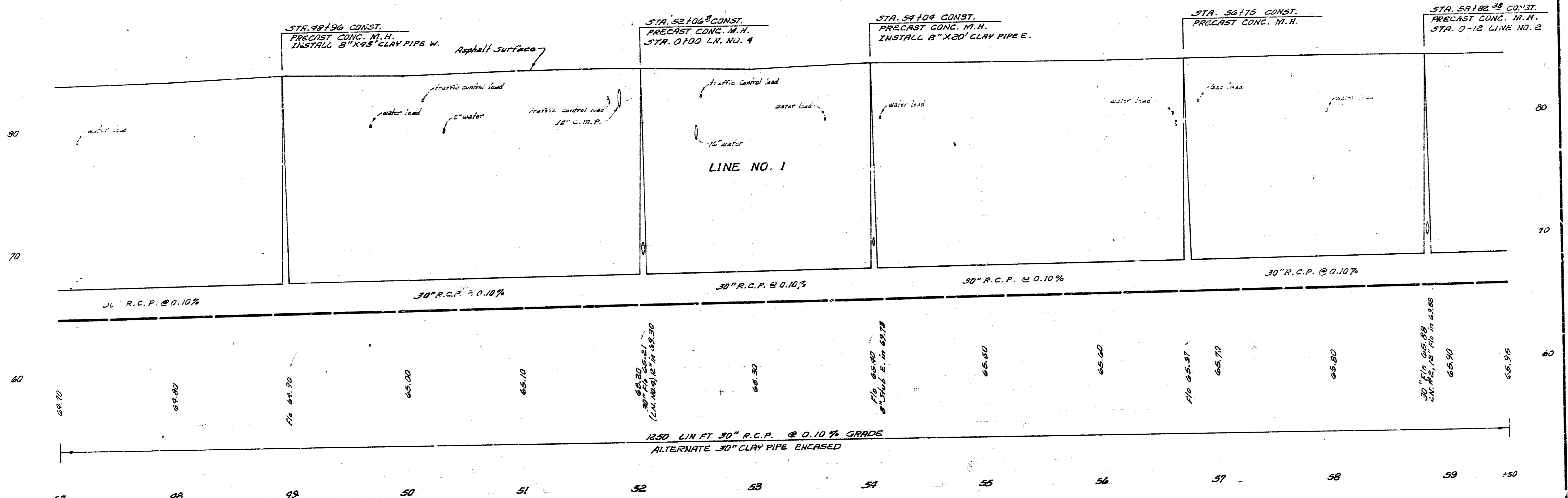
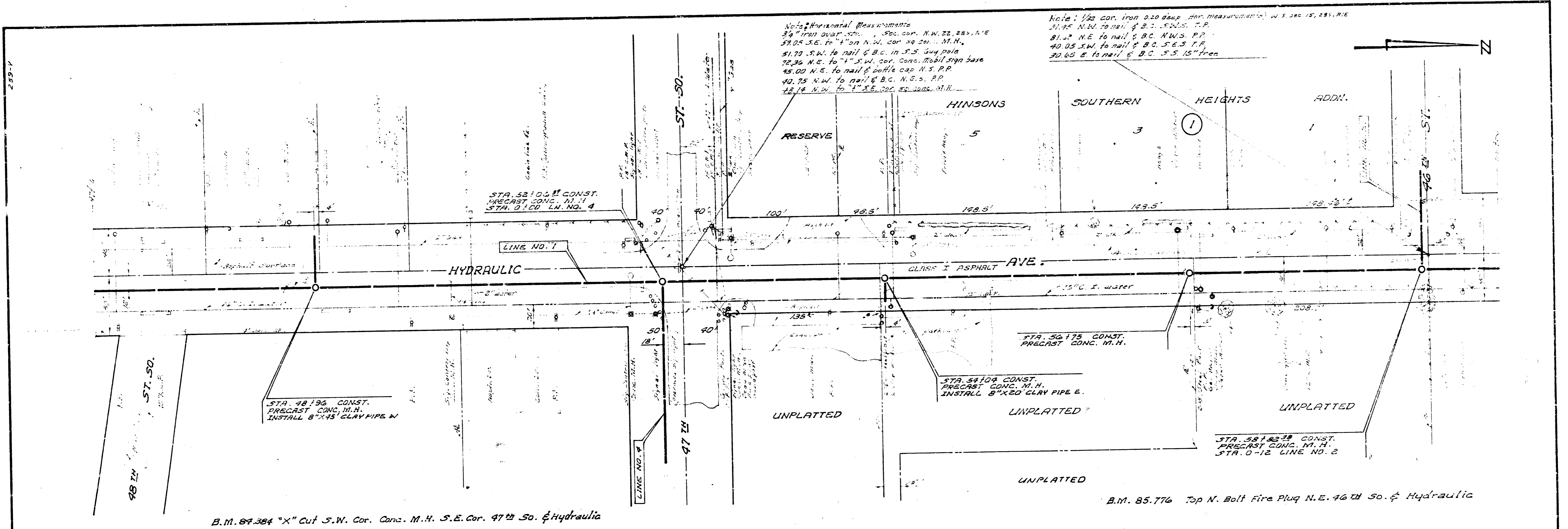
Plan Scale 1"=40'
Profile Scale 1"=4' Vert.

B.M. 91.558 R.R. Spike W.S. P.P. S.E. Minnesota & Hydraulic

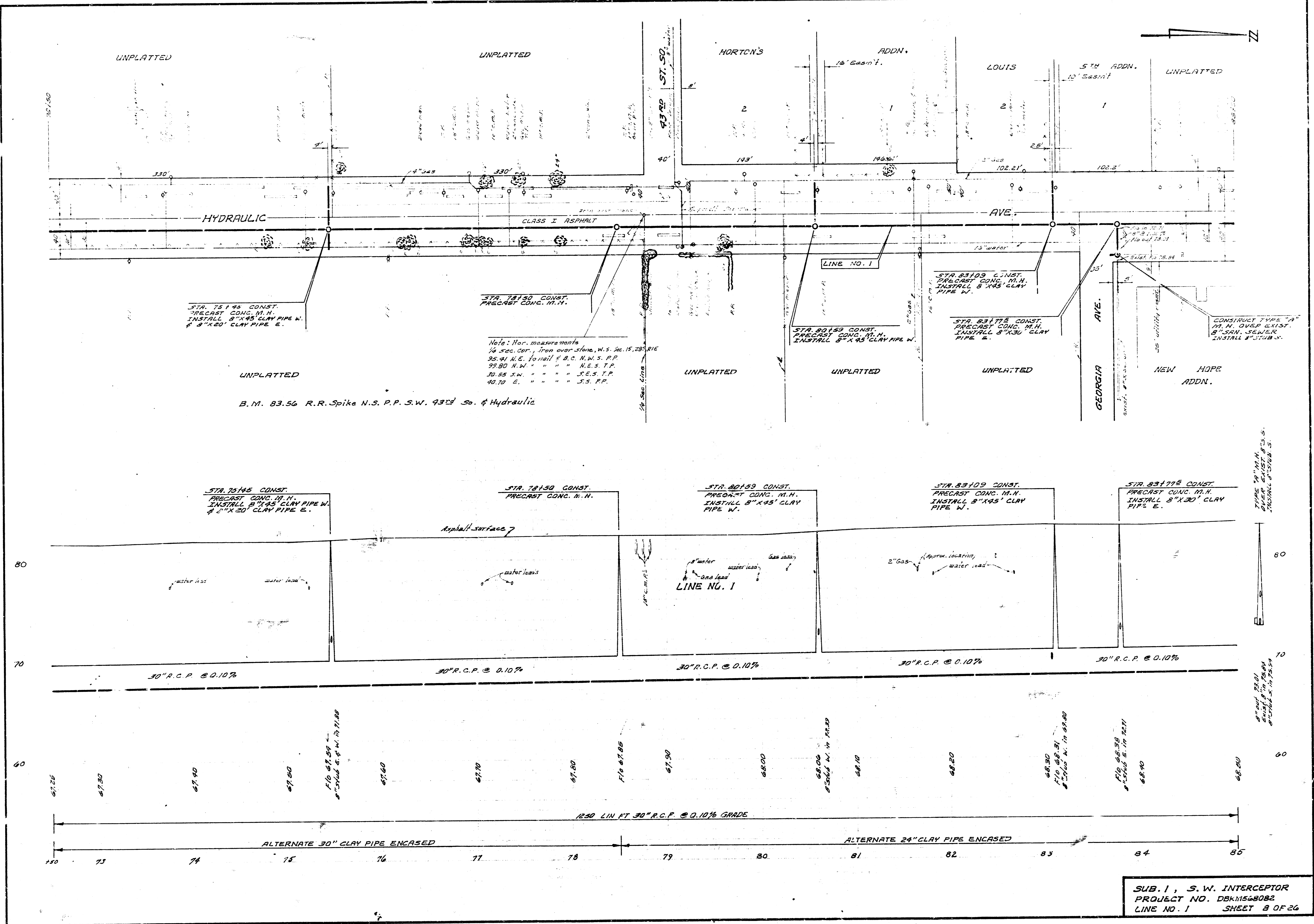


SUB. 1, S.W. INTERCEPTOR
PROJECT NO. DBKM568082
LINE NO. 1 SHEET 5 OF 26

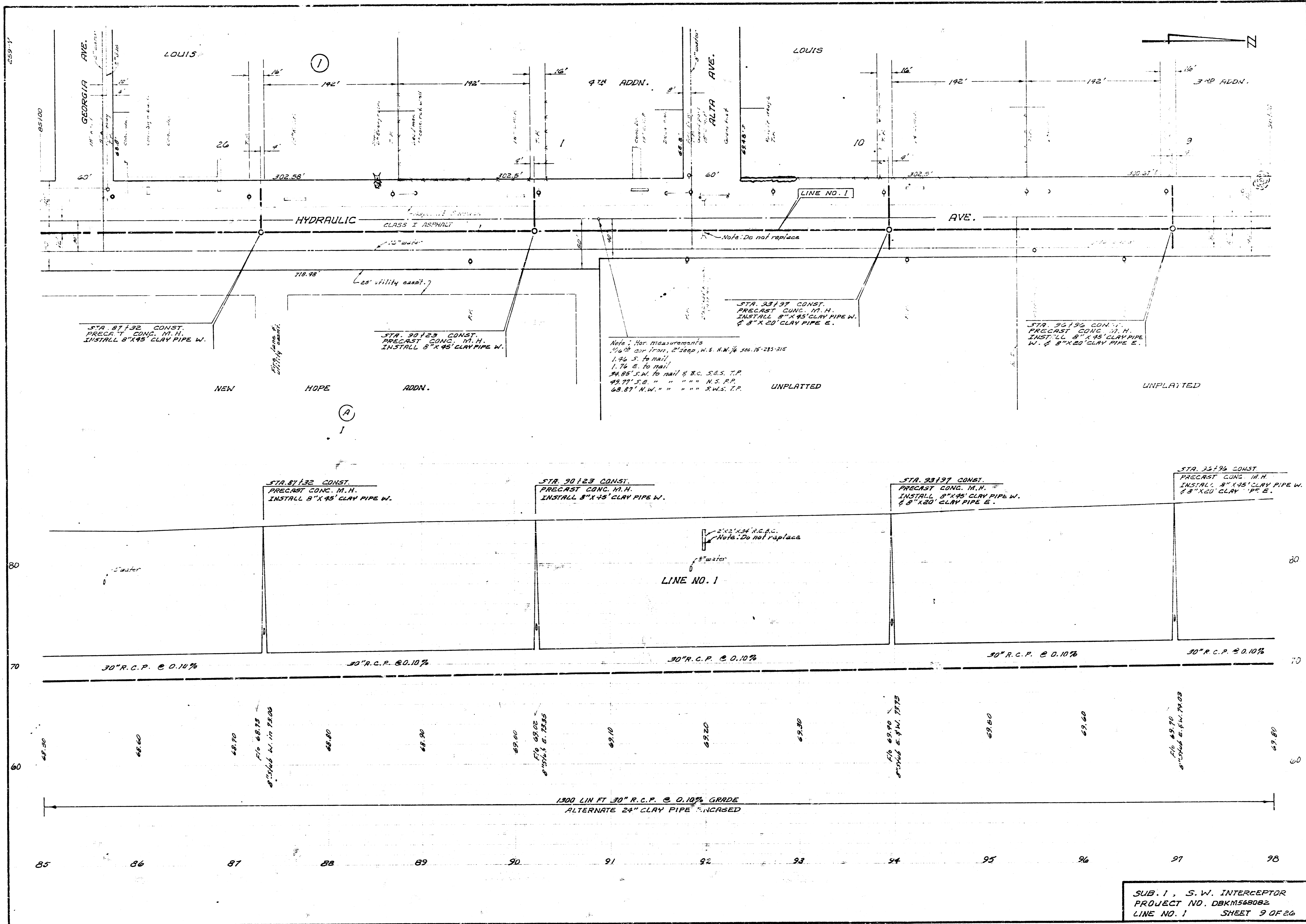
2337



SUB. 1, S.W. INTERCEPTOR
 PROJECT NO. DBKM568082
 LINE NO. 1 SHEET 6 OF 26



SUB. 1, S.W. INTERCEPTOR
 PROJECT NO. DBK1568082
 LINE NO. 1 SHEET 8 OF 26



STA. 87+32 CONST.
PRECAST CONC. M.H.
INSTALL 8"X45' CLAY PIPE W.

STA. 90+23 CONST.
PRECAST CONC. M.H.
INSTALL 8"X45' CLAY PIPE W.

STA. 93+37 CONST.
PRECAST CONC. M.H.
INSTALL 8"X45' CLAY PIPE W.
2" X 45' CLAY PIPE E.

STA. 95+34 CONST.
PRECAST CONC. M.H.
INSTALL 8"X45' CLAY PIPE W.
2" X 45' CLAY PIPE E.

Note: Hor. Measurements
1.25' S. to Mail,
1.75' E. to Mail,
14.85' S.W. to Mail & E.C. S.E.S. T.P.
49.77' S.E. " " " " N.S. P.P.
68.87' N.W. " " " " S.W.S. T.P.

STA. 87+32 CONST.
PRECAST CONC. M.H.
INSTALL 8"X45' CLAY PIPE W.

STA. 90+23 CONST.
PRECAST CONC. M.H.
INSTALL 8"X45' CLAY PIPE W.

STA. 93+37 CONST.
PRECAST CONC. M.H.
INSTALL 8"X45' CLAY PIPE W.
2" X 45' CLAY PIPE E.

STA. 95+34 CONST.
PRECAST CONC. M.H.
INSTALL 8"X45' CLAY PIPE W.
2" X 45' CLAY PIPE E.

LINE NO. 1

30" R.C.P. @ 0.10%

30" R.C.P. @ 0.10%

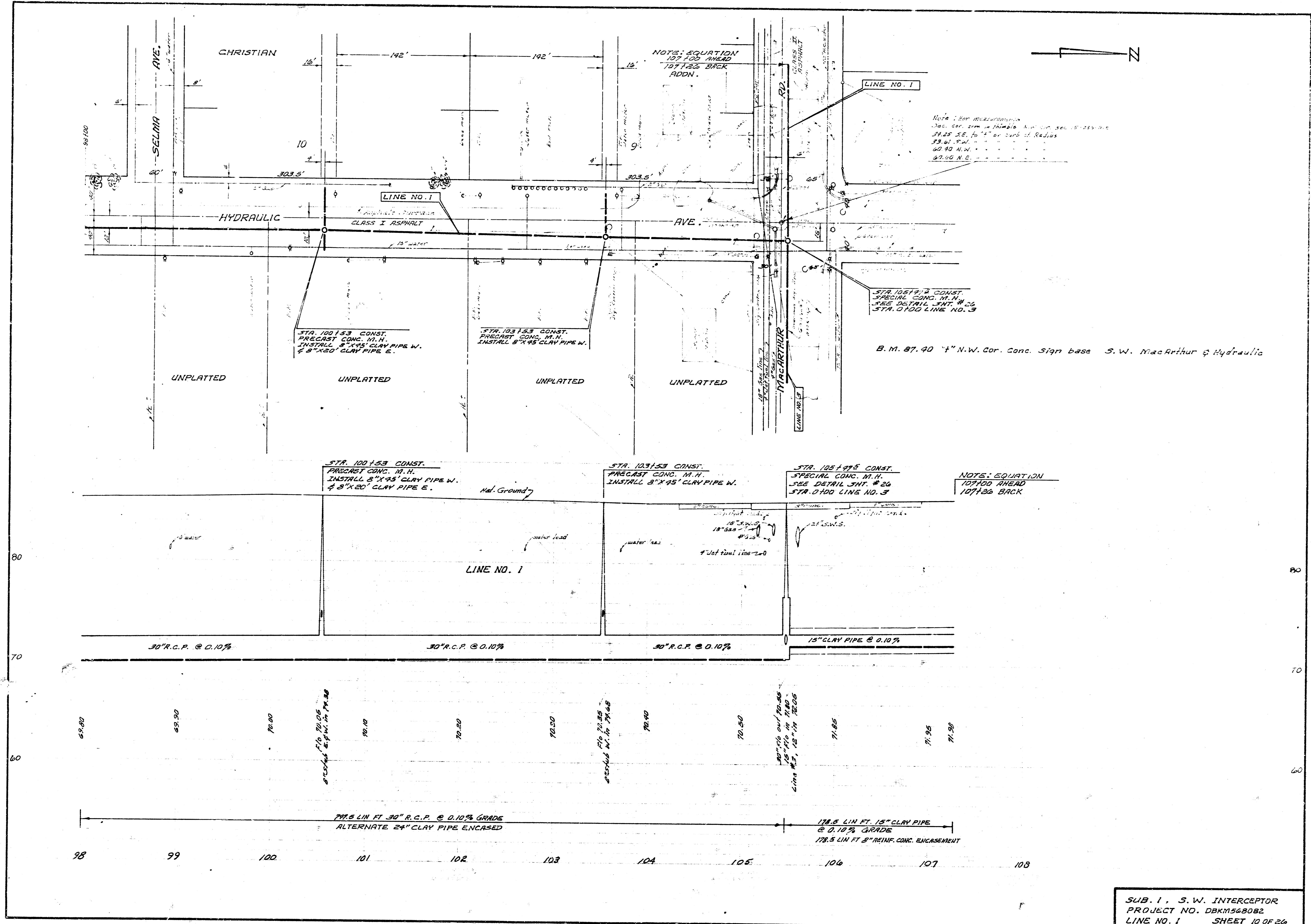
30" R.C.P. @ 0.10%

30" R.C.P. @ 0.10%

30" R.C.P. @ 0.10%

1300 LIN FT 30" R.C.P. @ 0.10% GRADE
ALTERNATE 24" CLAY PIPE INCREASED

SUB. 1, S.W. INTERCEPTOR
PROJECT NO. DBKM548082
LINE NO. 1 SHEET 9 OF 26



NOTES: EQUATION
107+00 AHEAD
107+25 BACK
ADDN.

Note: For MacArthur
3140 SEE 10+40 TURN 25 RADIUS
13.61 S.W.
60.40 N.W.
67.00 N.E.

STA 105+95 CONST.
SPECIAL CONC. M.H.
SEE DETAIL JNT # 26
STA 0+00 LINE NO. 3

B.M. 87.40 "N.W. Cor. Conc. Sign base S.W. MacArthur & Hydraulic

STA 100+53 CONST.
PRECAST CONC. M.H.
INSTALL 8"X45" CLAY PIPE W.
4" 8"X20" CLAY PIPE E.

STA 103+53 CONST.
PRECAST CONC. M.H.
INSTALL 8"X45" CLAY PIPE W.

STA 100+53 CONST.
PRECAST CONC. M.H.
INSTALL 8"X45" CLAY PIPE W.
4" 8"X20" CLAY PIPE E.

STA 103+53 CONST.
PRECAST CONC. M.H.
INSTALL 8"X45" CLAY PIPE W.

STA 105+95 CONST.
SPECIAL CONC. M.H.
SEE DETAIL JNT # 26
STA 0+00 LINE NO. 3

NOTES: EQUATION
107+00 AHEAD
107+25 BACK

30" R.C.P. @ 0.10%

30" R.C.P. @ 0.10%

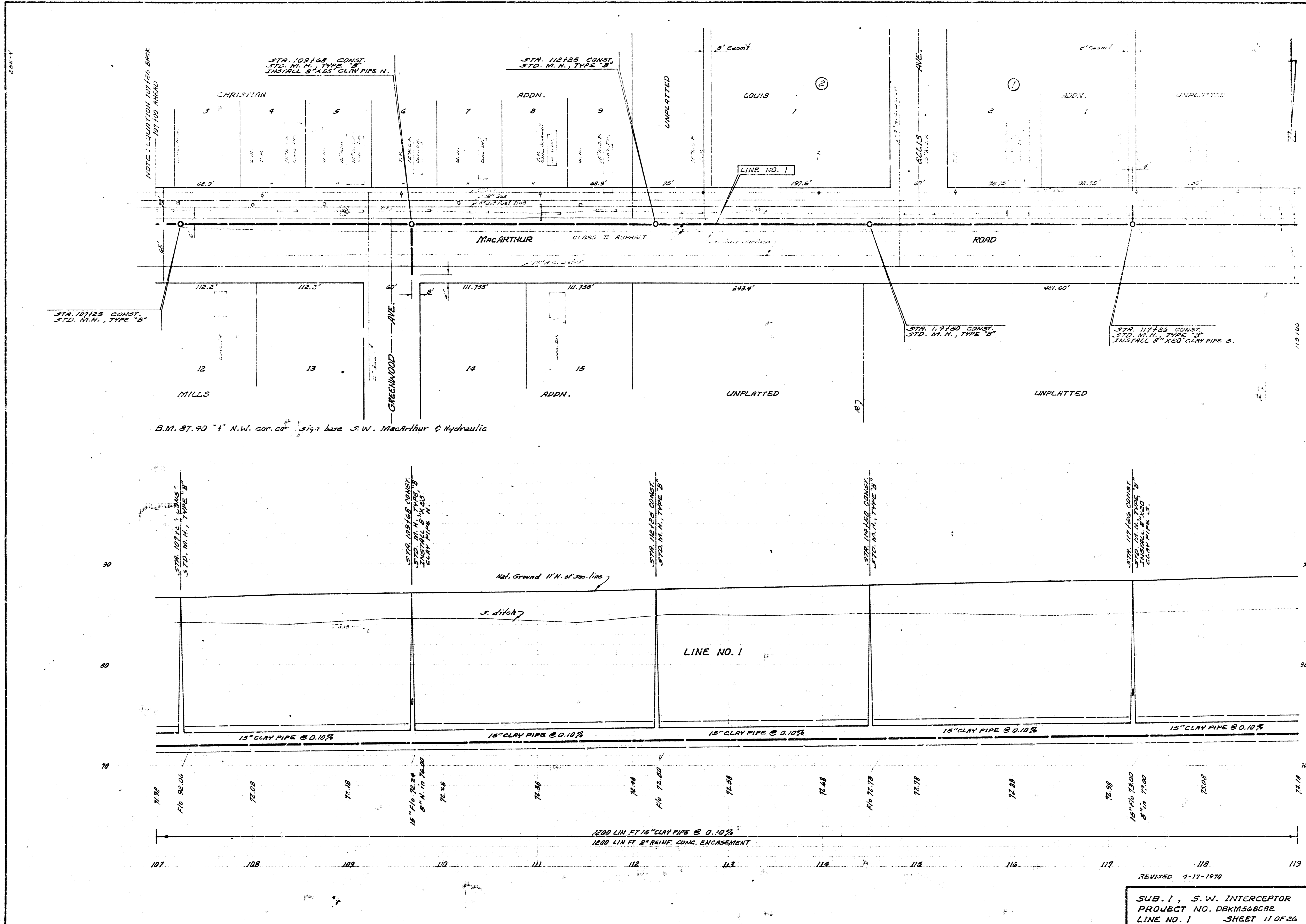
30" R.C.P. @ 0.10%

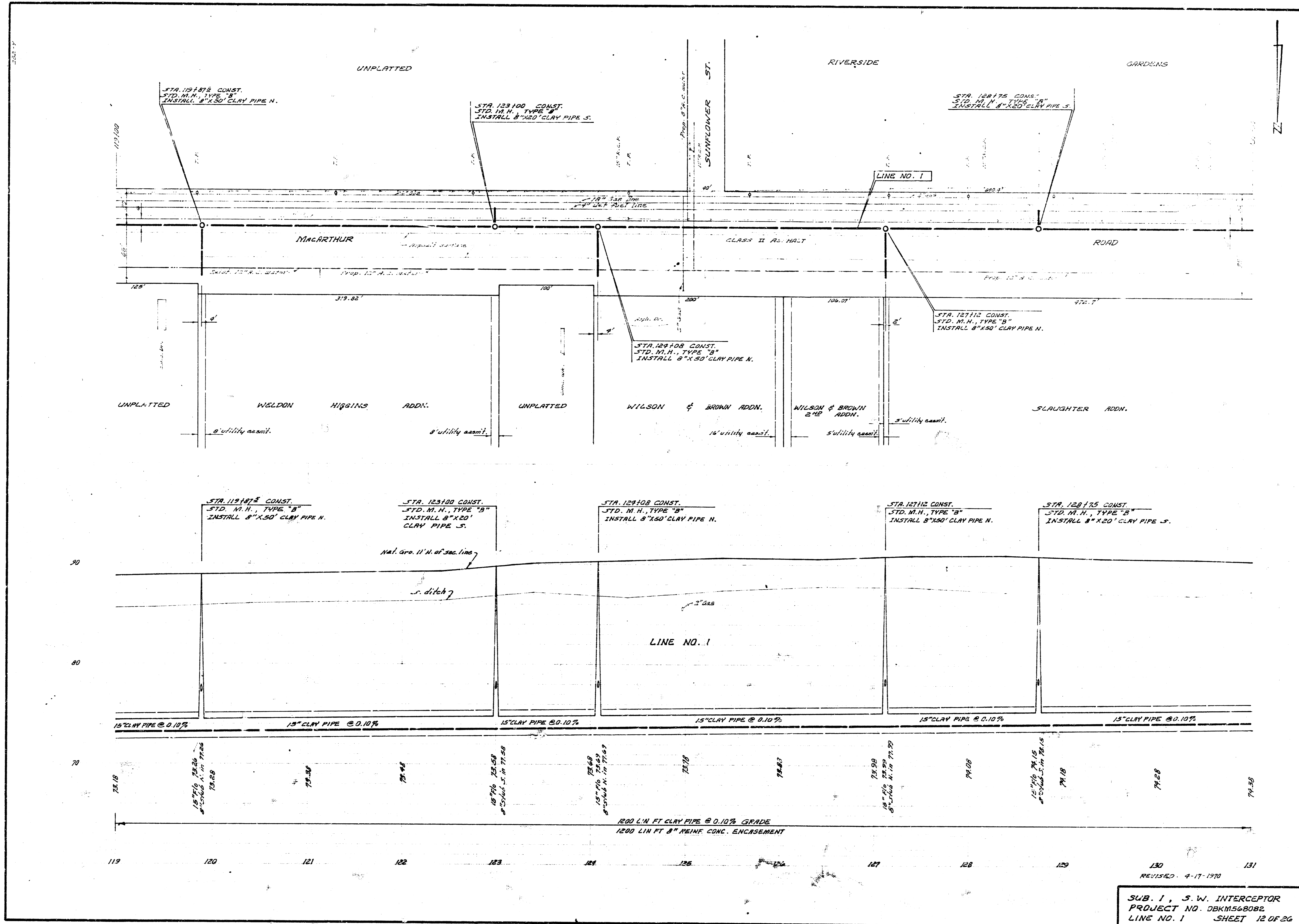
15" CLAY PIPE @ 0.10%

774.5 LIN FT. 30" R.C.P. @ 0.10% GRADE
ALTERNATE 24" CLAY PIPE ENCASED

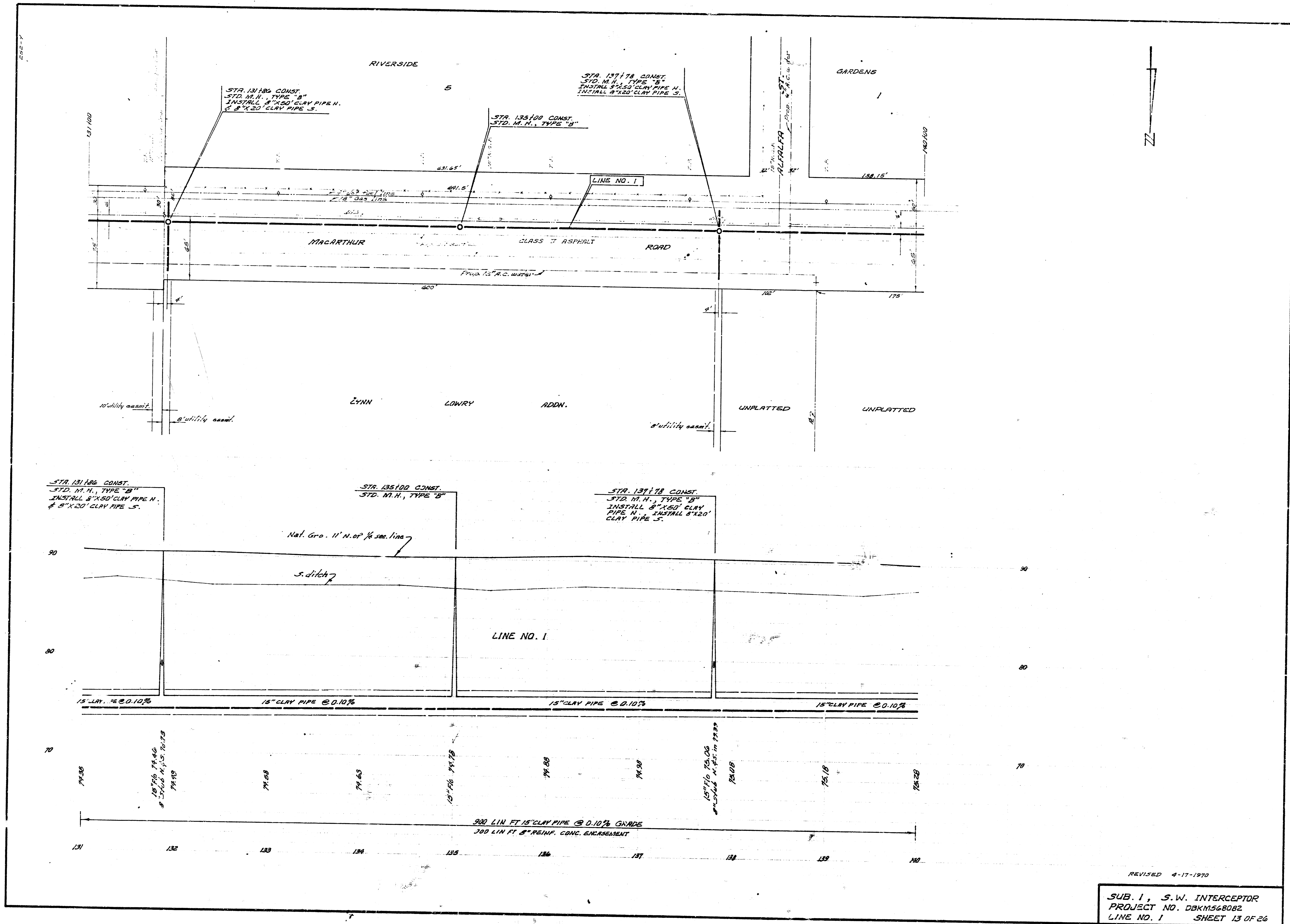
178.5 LIN FT. 15" CLAY PIPE
@ 0.10% GRADE
178.5 LIN FT. 8" REINF. CONC. ENCASEMENT

SUB. 1, S.W. INTERCEPTOR
PROJECT NO. DBKM568082
LINE NO. 1 SHEET 10 OF 24



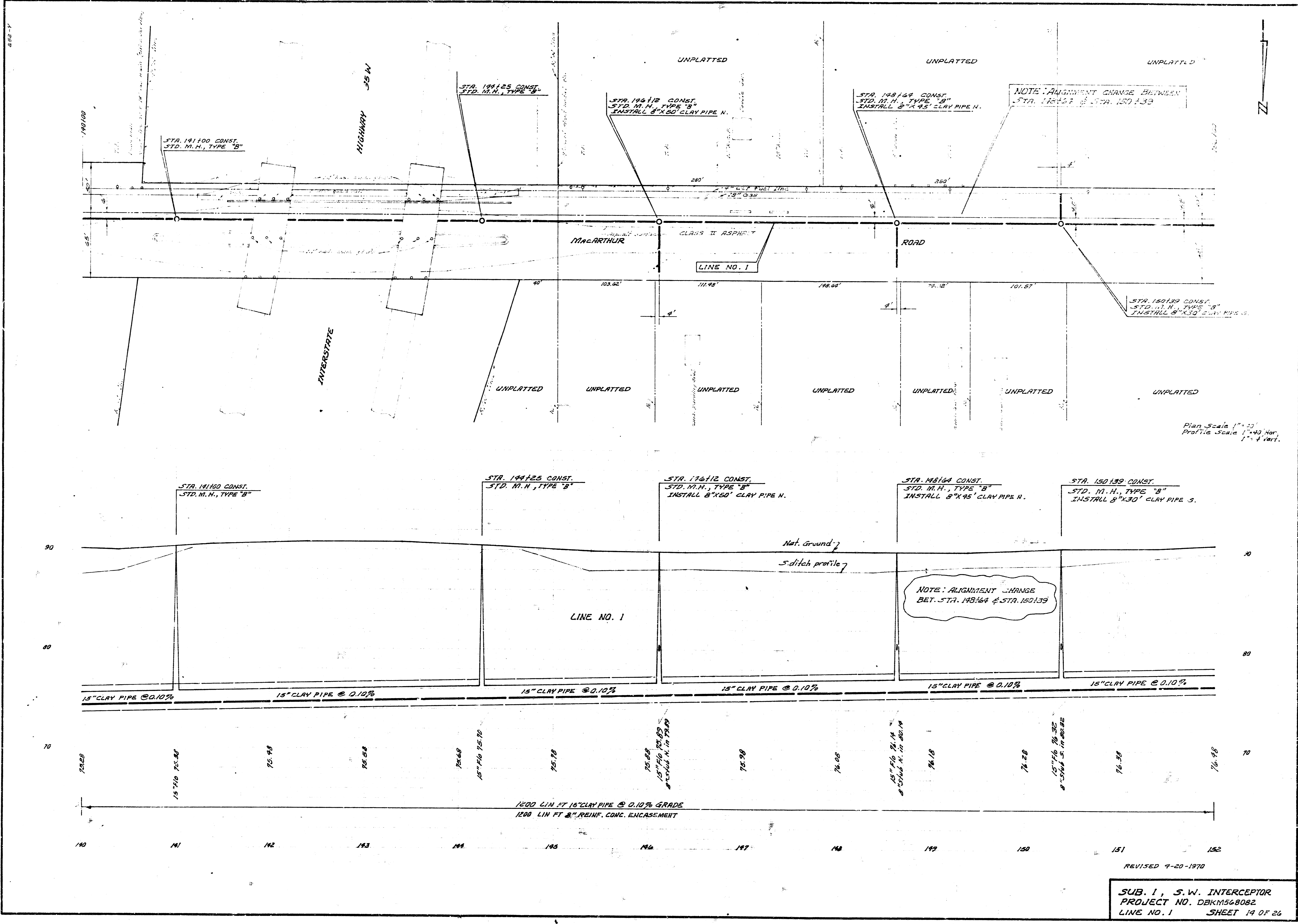


SUB. 1, S.W. INTERCEPTOR
 PROJECT NO. DBKM568082
 LINE NO. 1 SHEET 12 OF 24



REVISED 4-17-1970

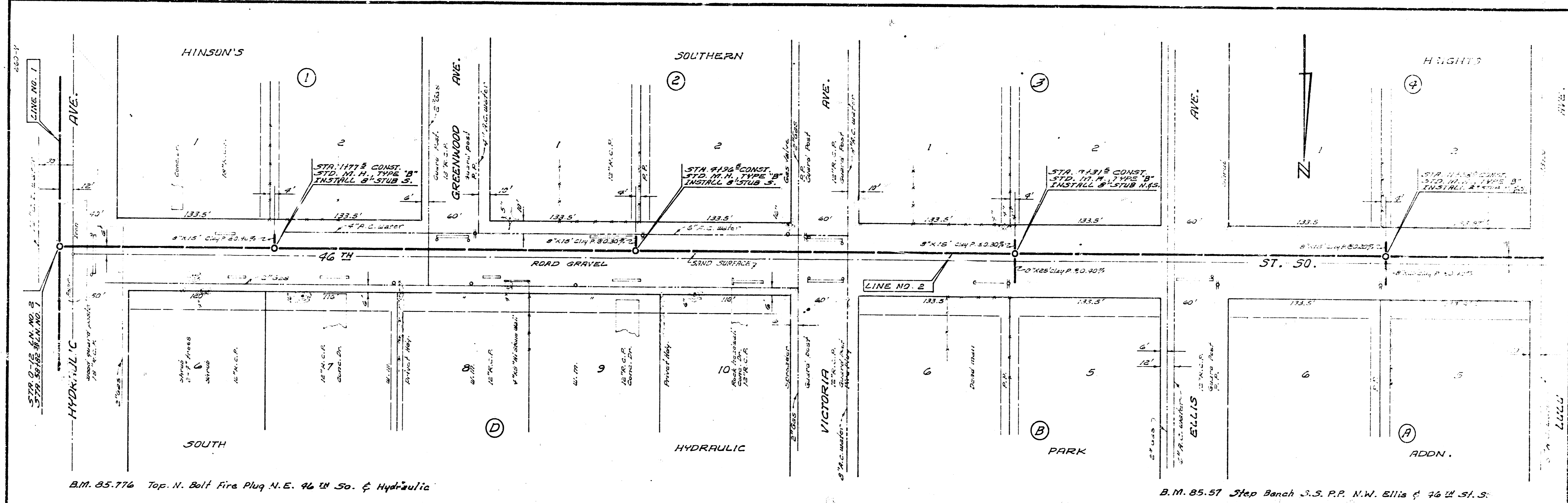
SUB. 1, S.W. INTERCEPTOR
 PROJECT NO. DBKM568082
 LINE NO. 1 SHEET 13 OF 26



Plan Scale 1"=10'
Profile Scale 1"=4' vert.

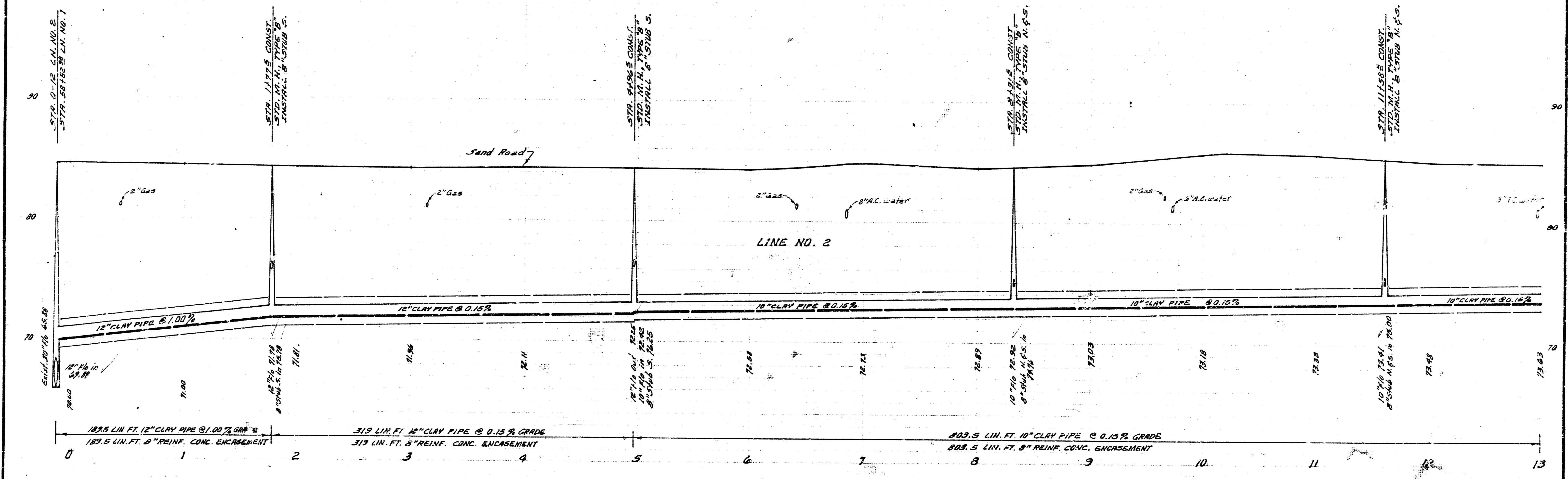
NOTE: ALIGNMENT CHANGE
BET. STA. 149+64 & STA. 150+39

REVISED 9-20-1970
SUB. 1, S.W. INTERCEPTOR
PROJECT NO. DBKM568082
LINE NO. 1 SHEET 14 OF 24

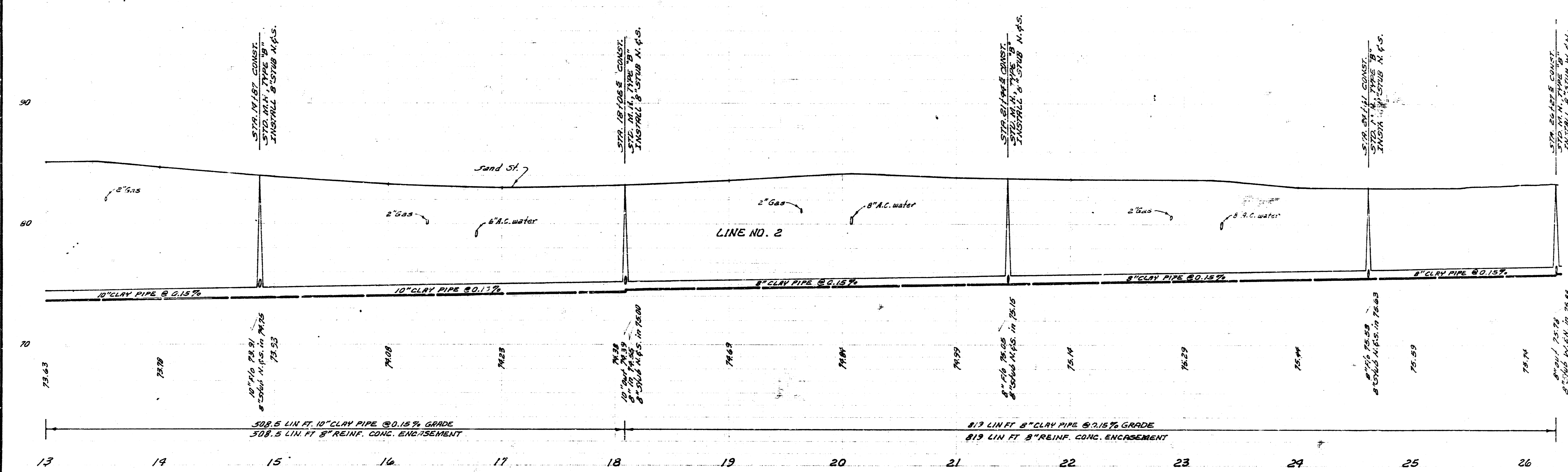
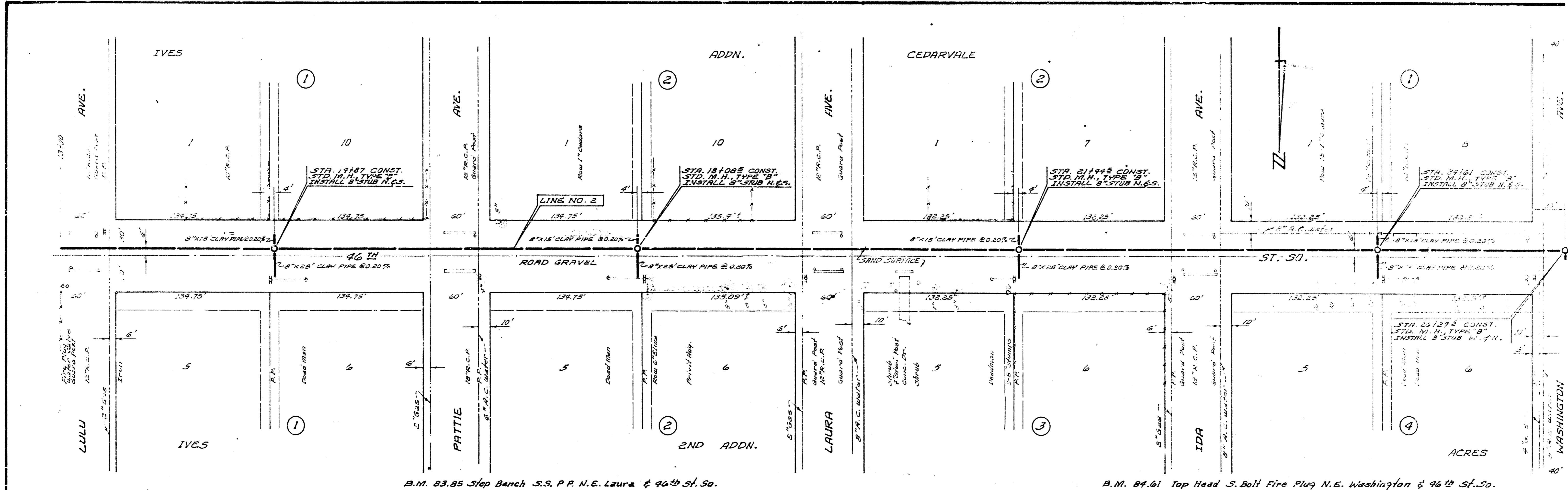


B.M. 85.776 Top. N. Bolt Fire Plug N.E. 46 W. 50. & Hydraulic

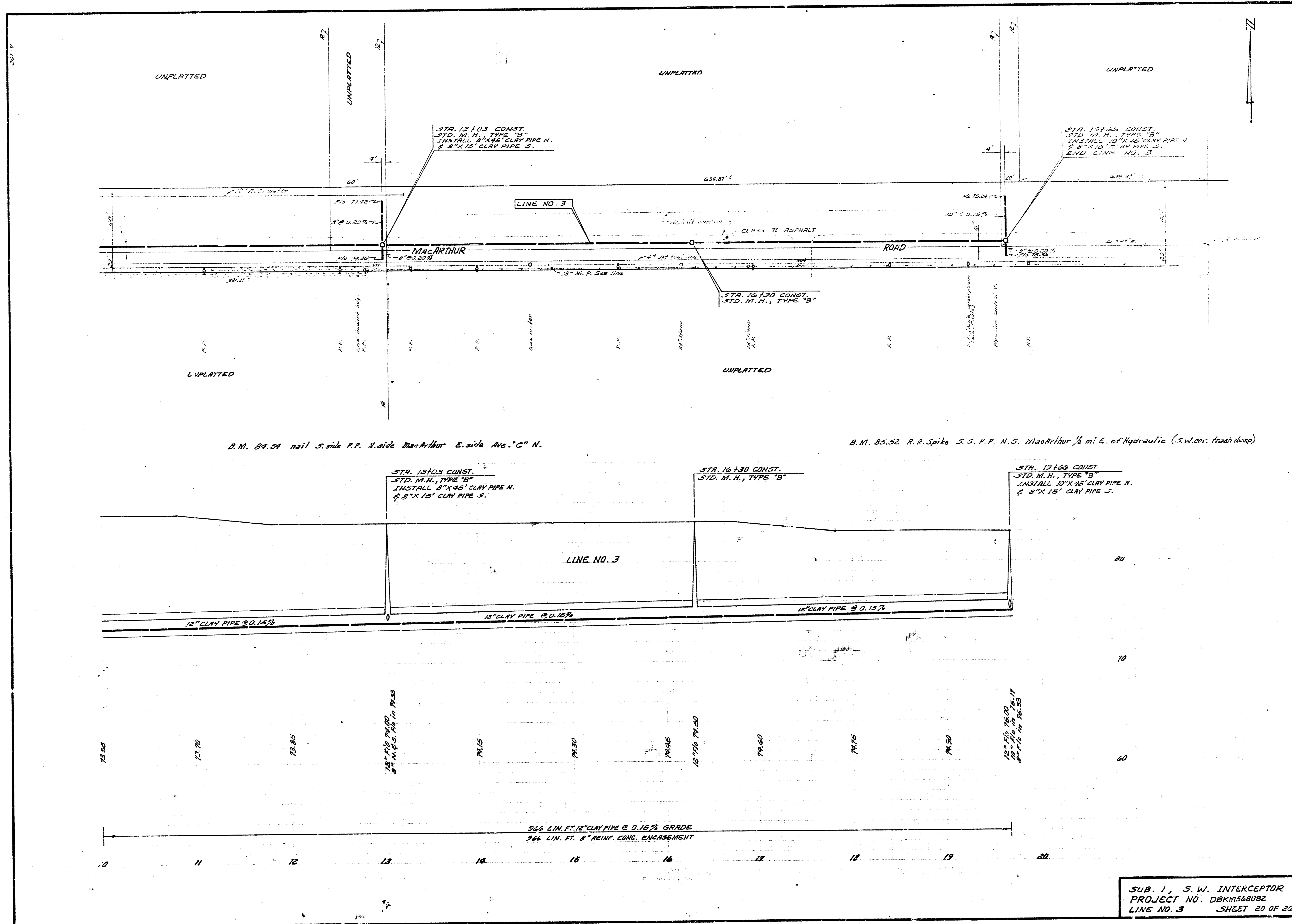
B.M. 85.57 Step Bench S.S. P.P. N.W. 46 W. 51. S.



SUB. 1, S.W. INTERCEPTOR
 PROJECT NO. DBKM568382
 LINE NO. 2 SHEET 17 OF 26

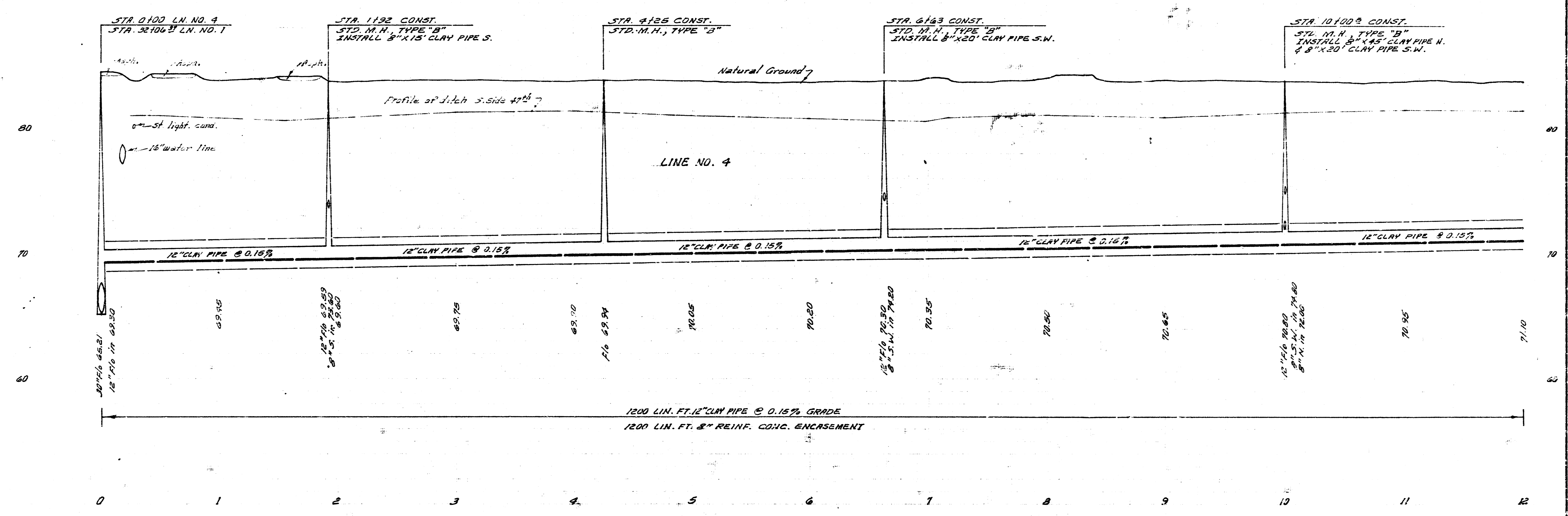
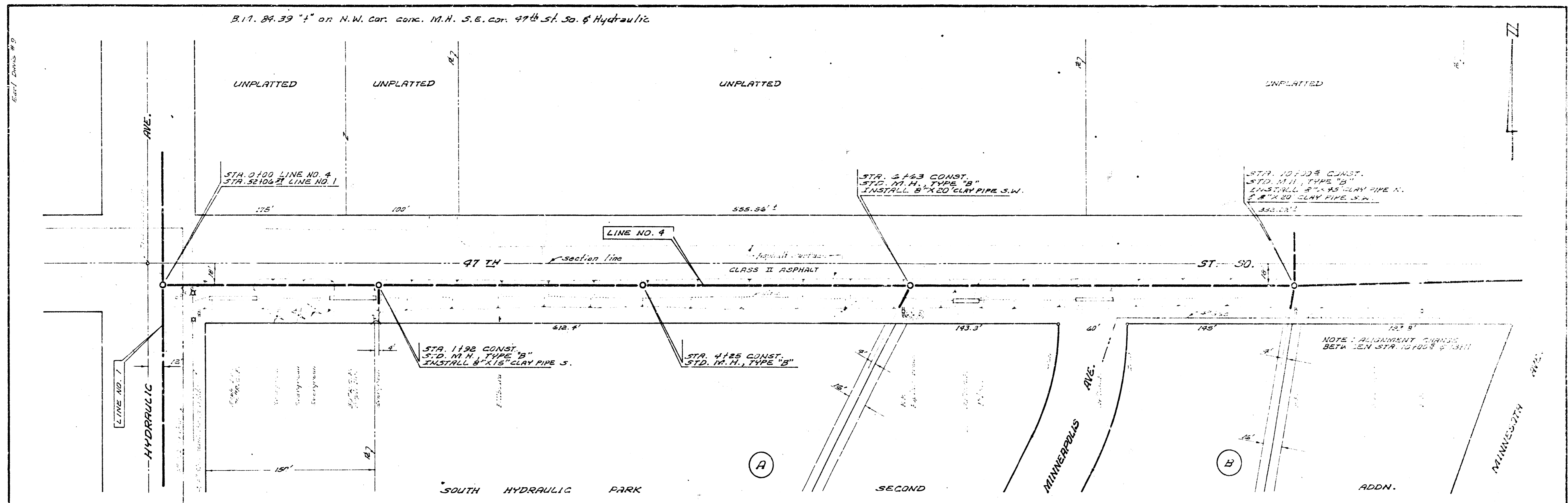


SUB. 1, S.W. INTERCEPTOR
PROJECT NO. DBK1548082
LINE NO. 2 SHEET 18 OF 26

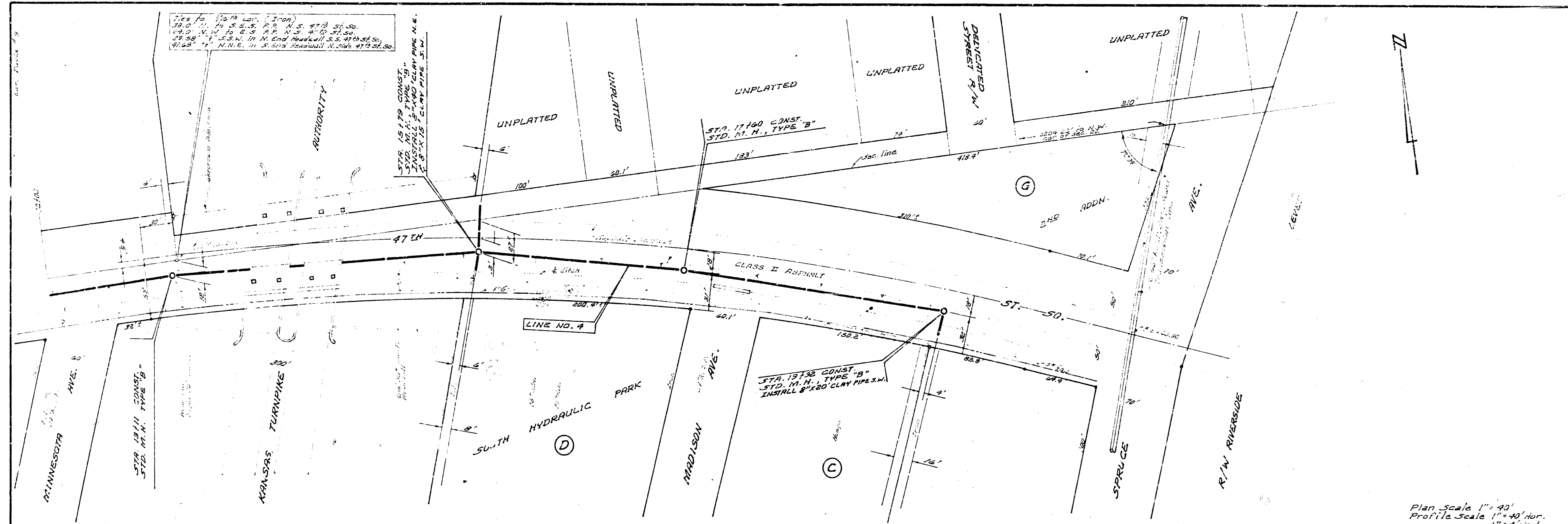


SUB. 1, S.W. INTERCEPTOR
 PROJECT NO. DBKM568082
 LINE NO. 3 SHEET 20 OF 26

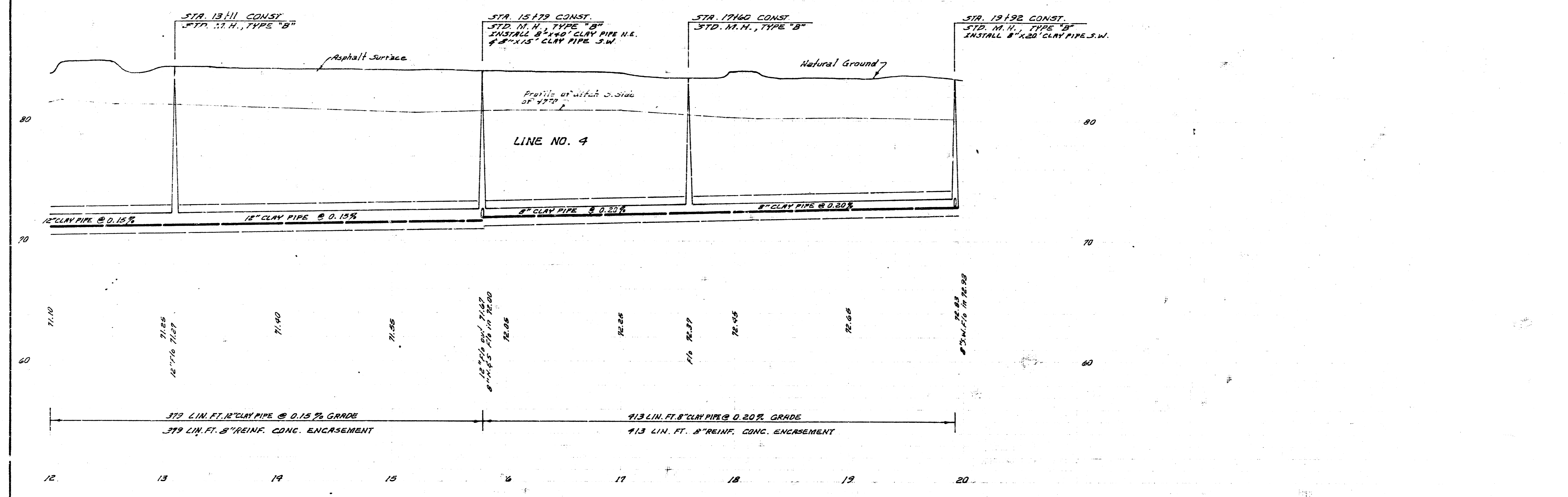
B.17. 87.39 "1" on N.W. cor. conc. M.H. S.E. cor. 47th St. So. of Hydraulic



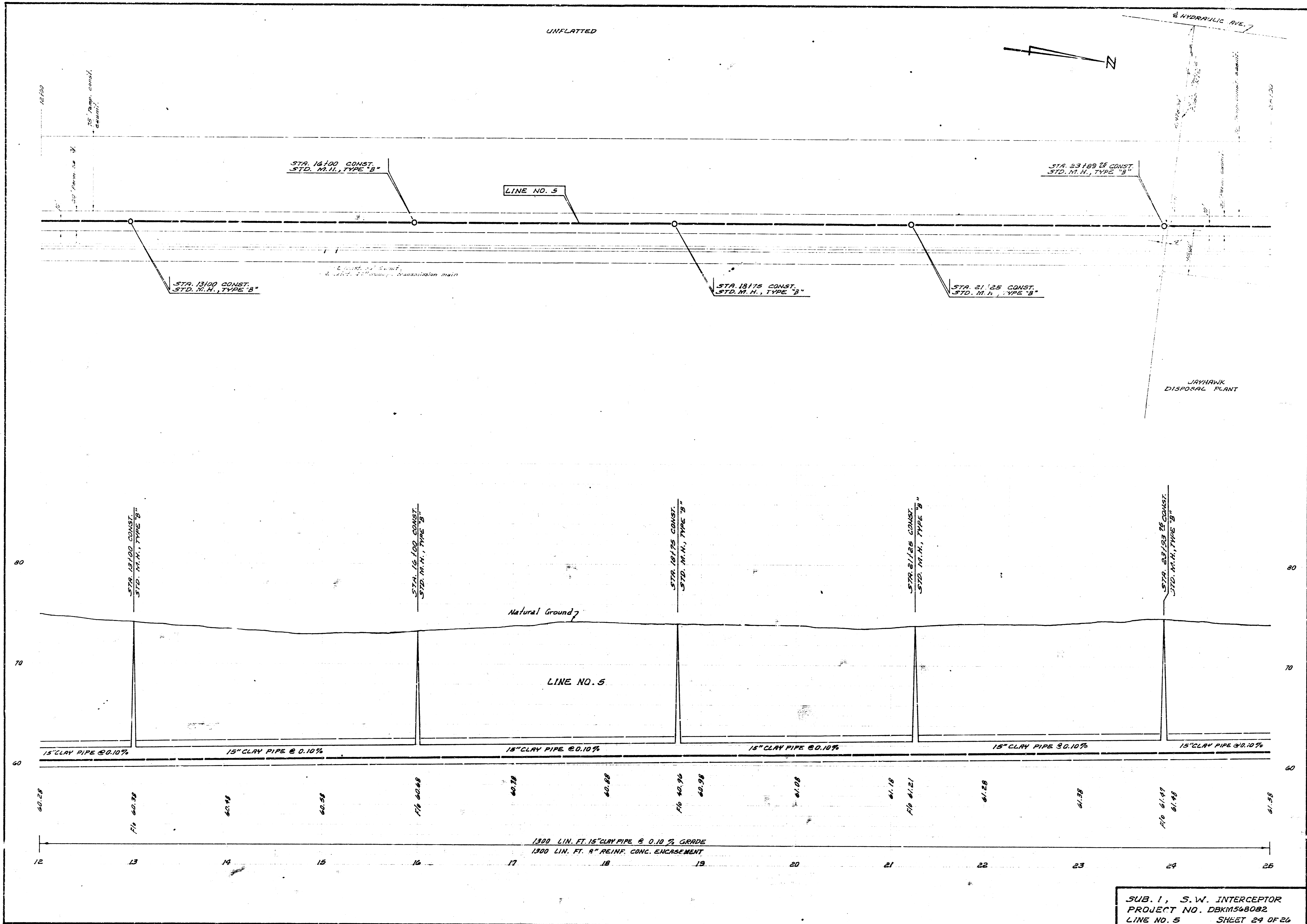
SUB. 1, S.W. INTERCEPTOR
 PROJECT NO. DBK1156R082
 LINE NO. 4 SHEET 21 OF 26



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

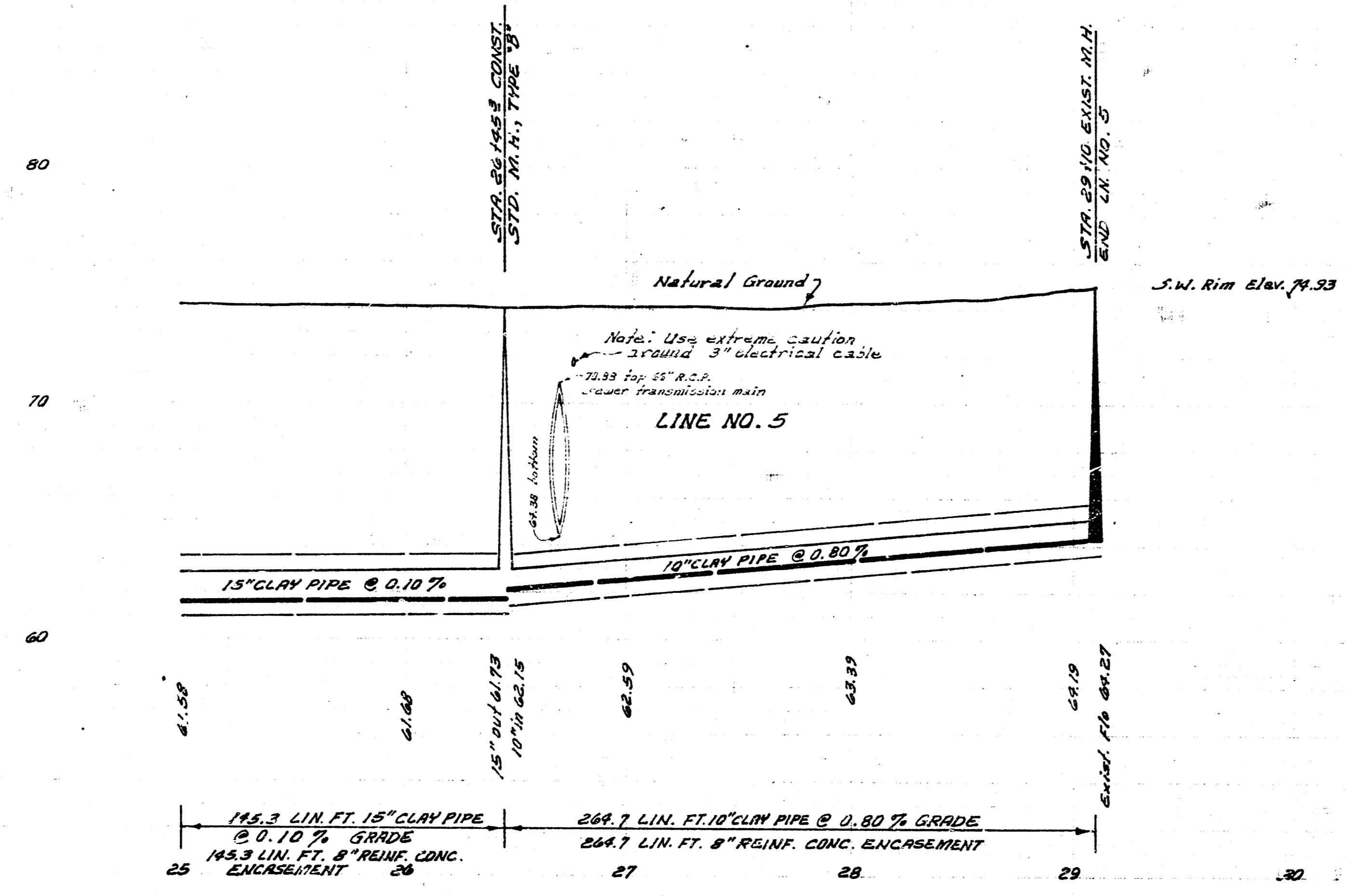
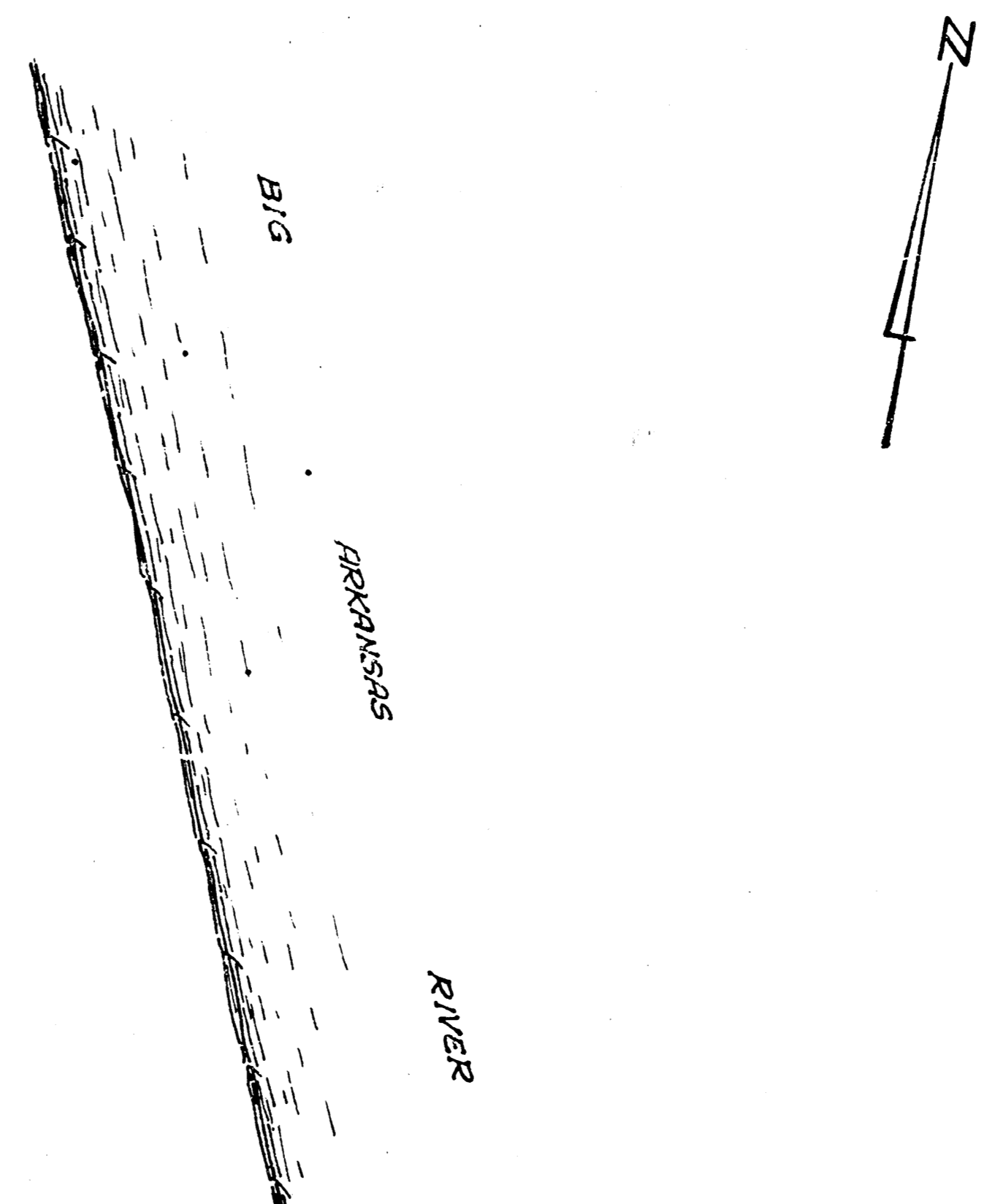
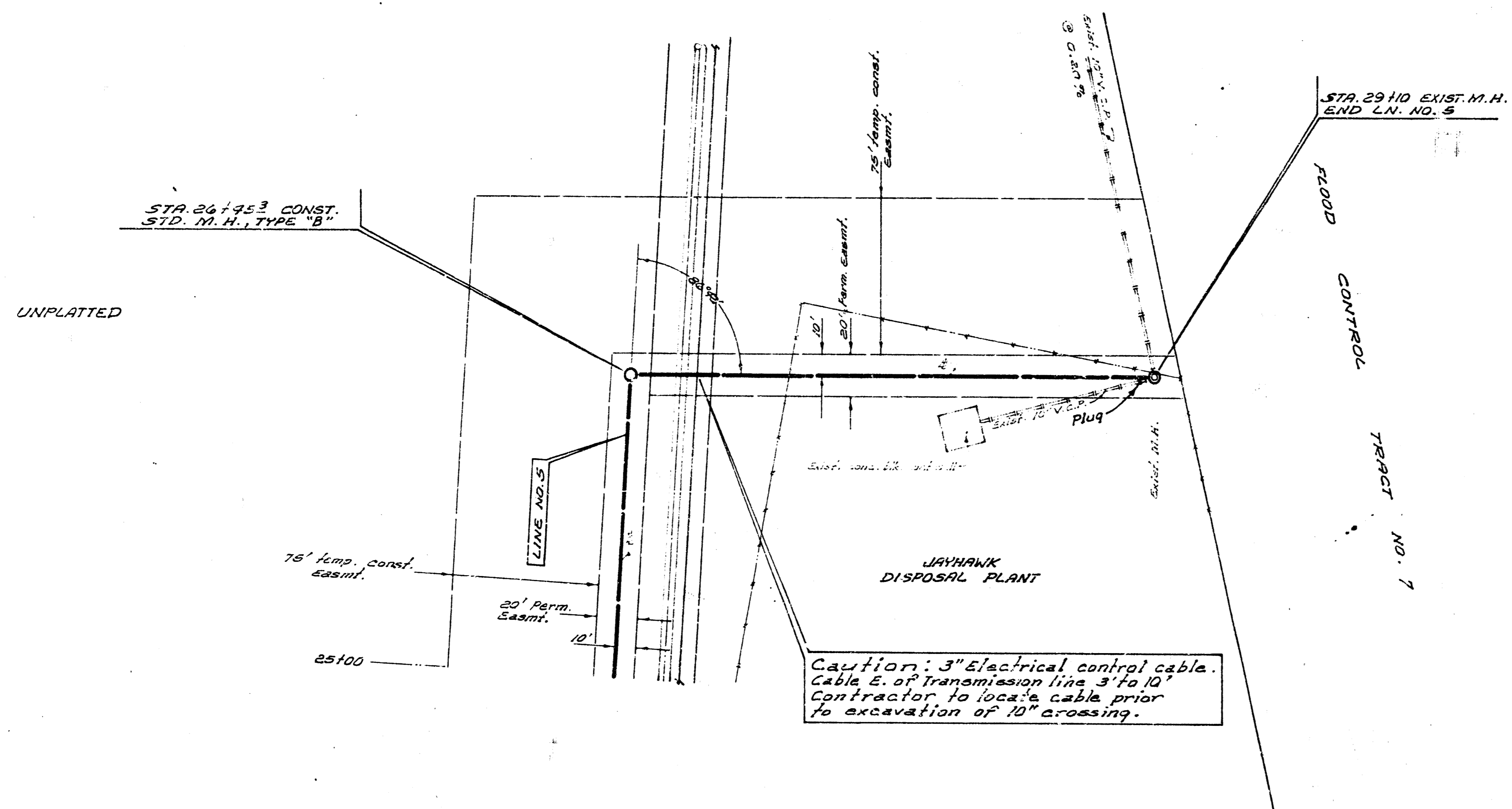


SUB. 1. S.W. INTERCEPTOR
 PROJEC. NO. DBKM568082
 LINE NO. 4 SHEET 22 OF 24



SUB. 1, S.W. INTERCEPTOR
PROJECT NO. DBKMS48082
LINE NO. 5 SHEET 24 OF 24

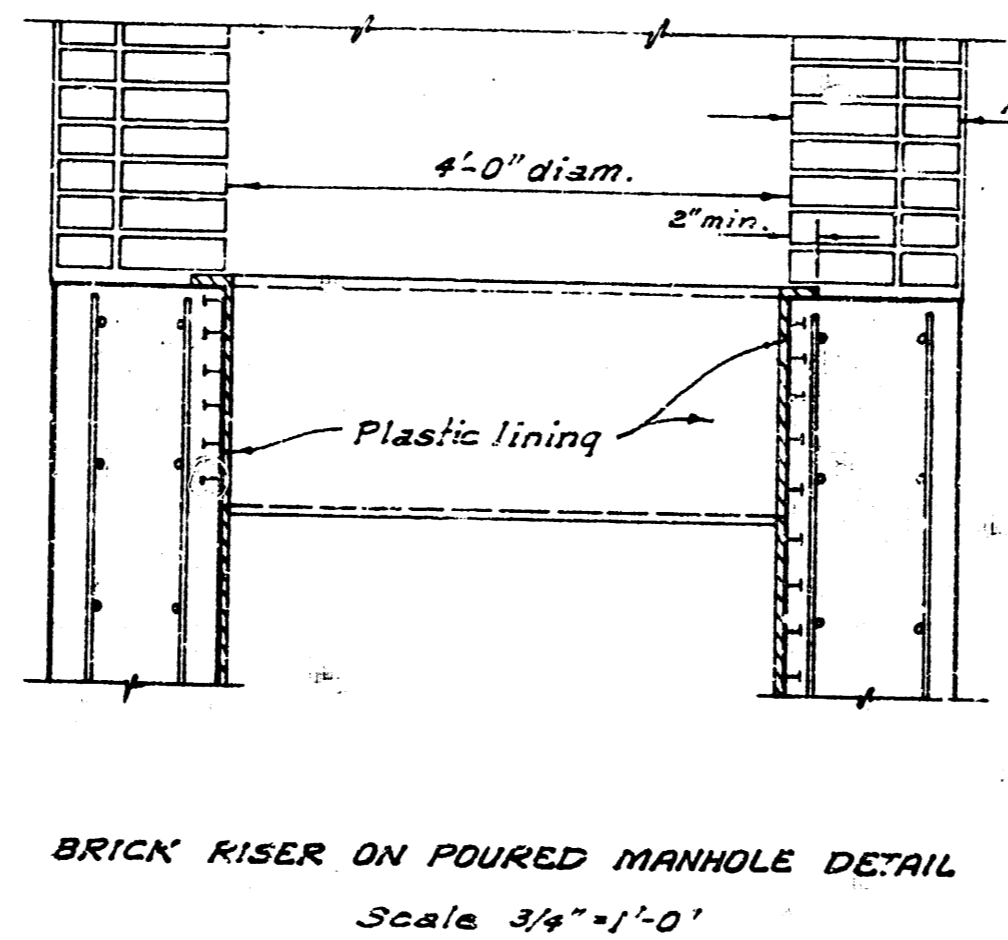
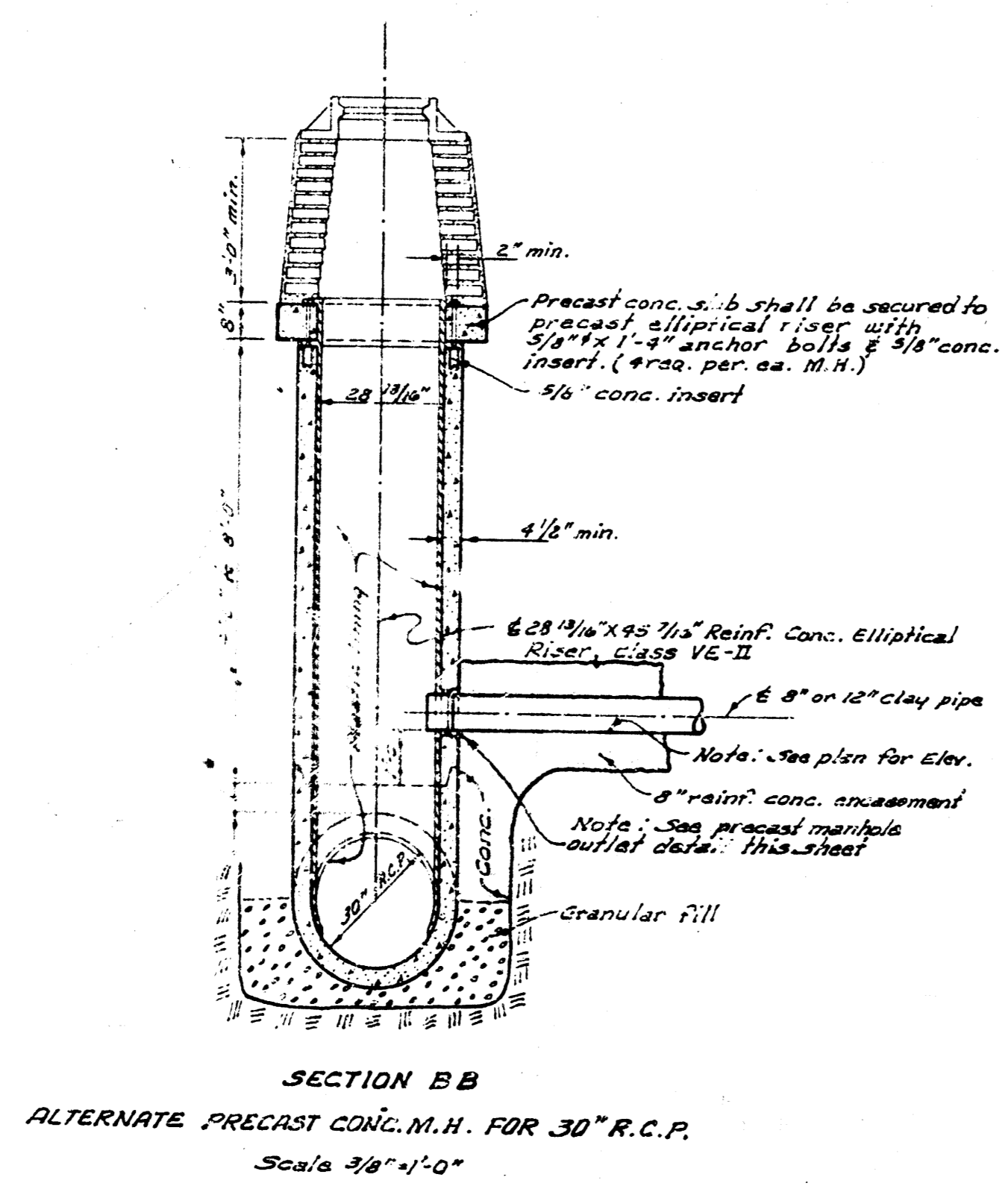
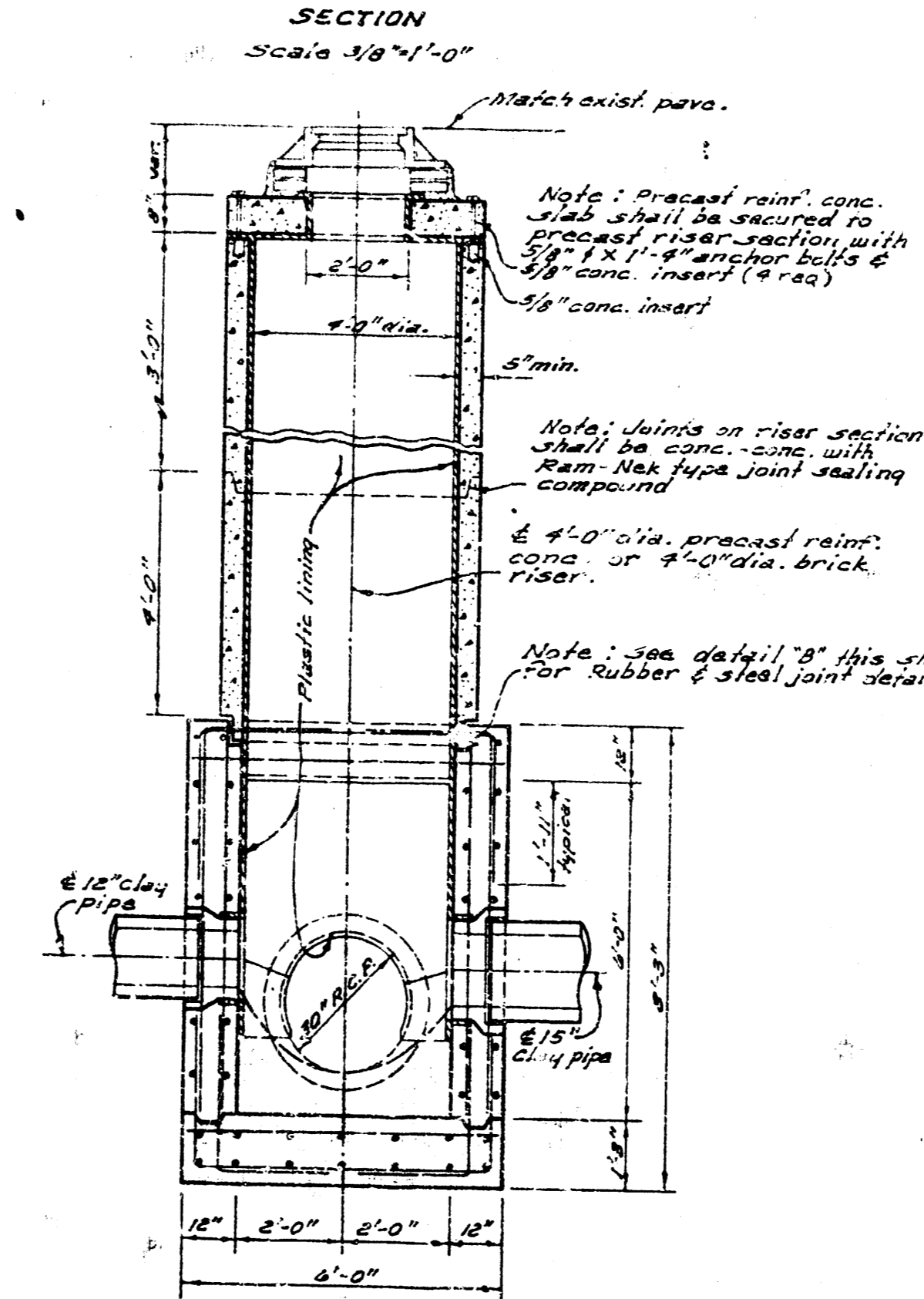
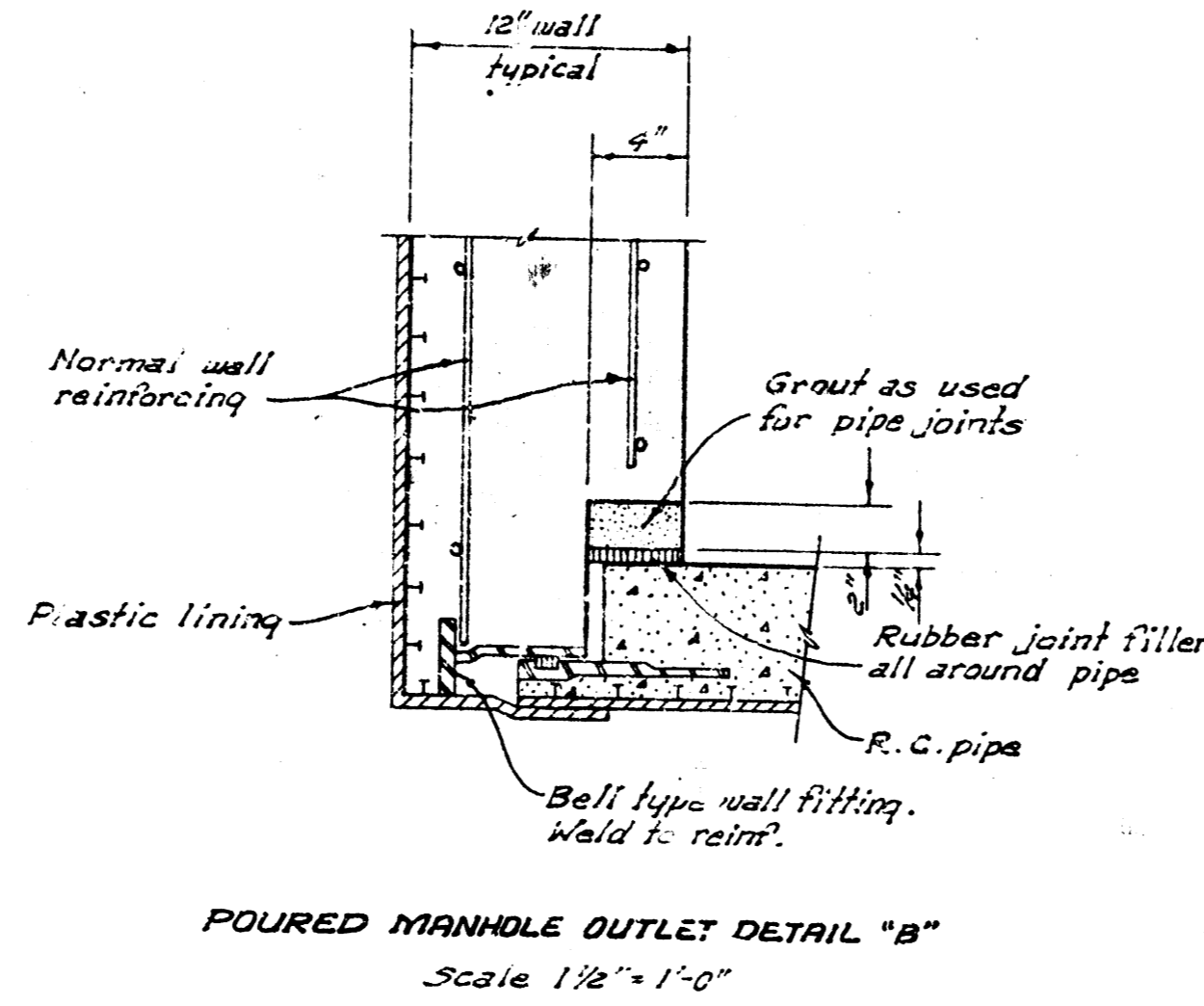
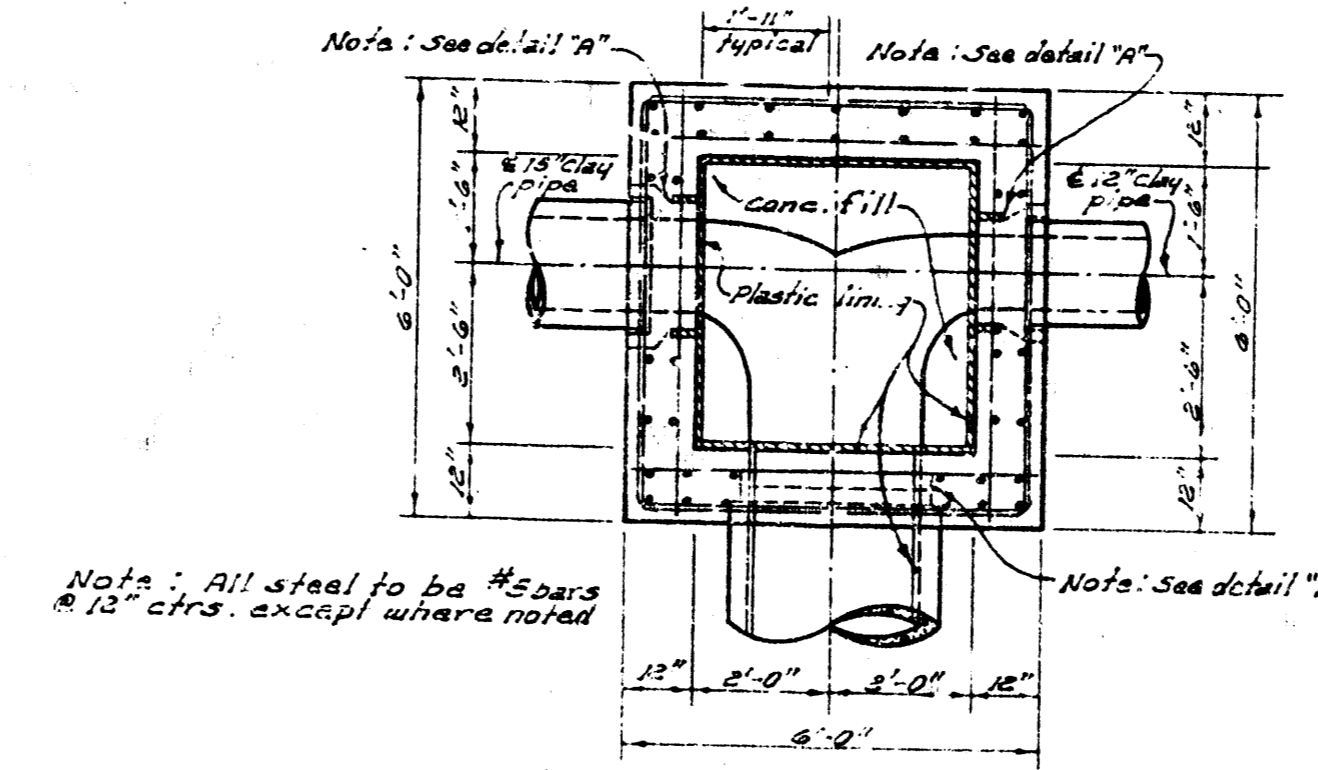
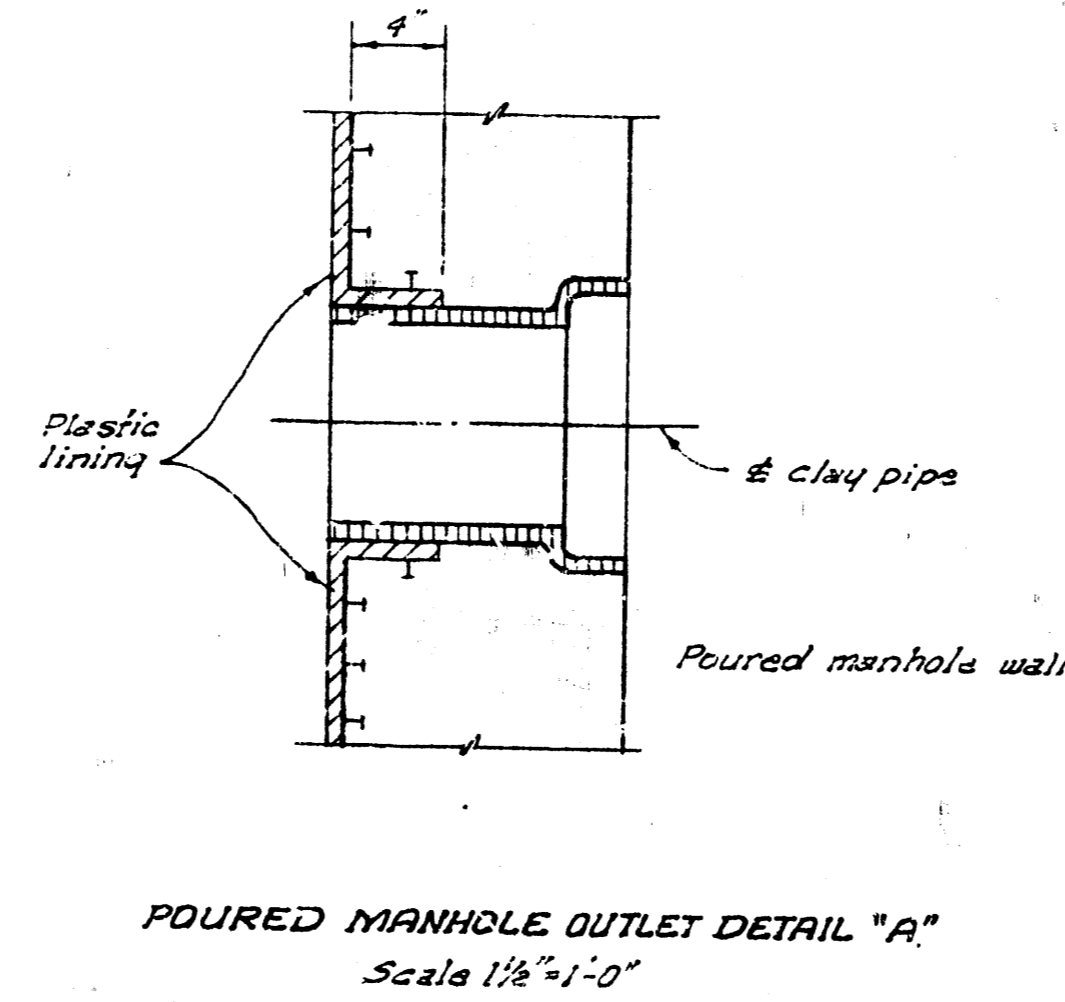
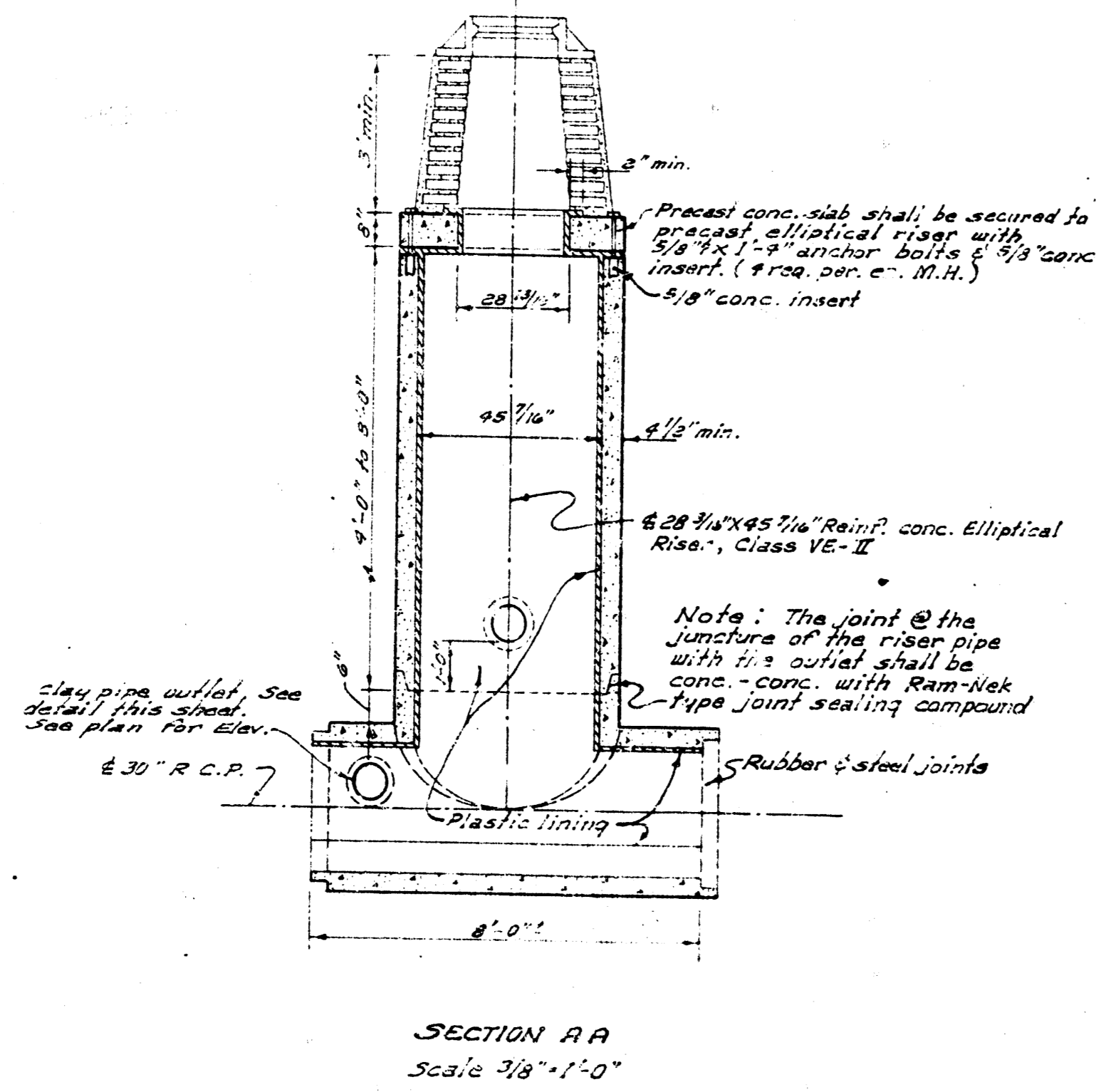
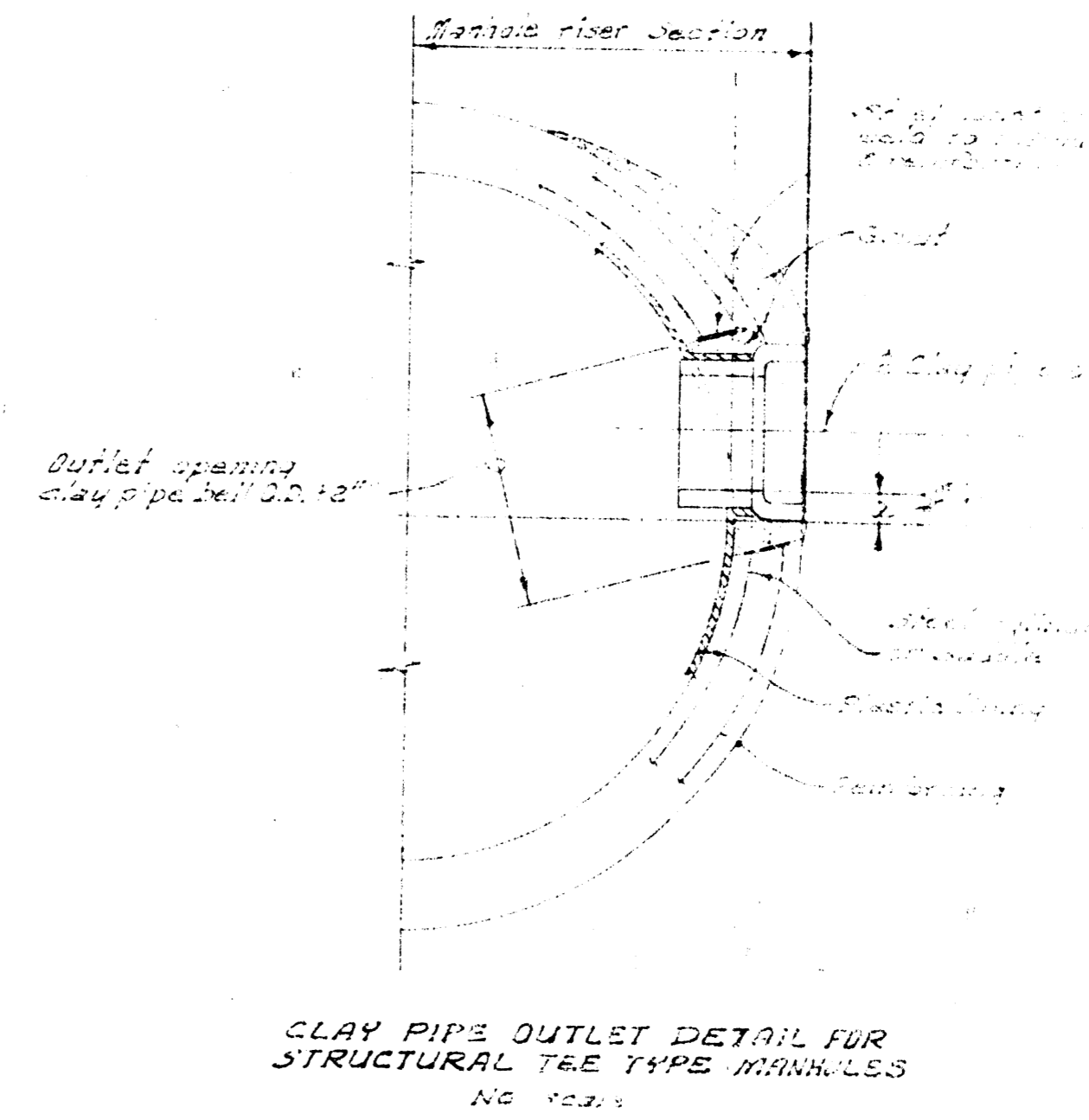
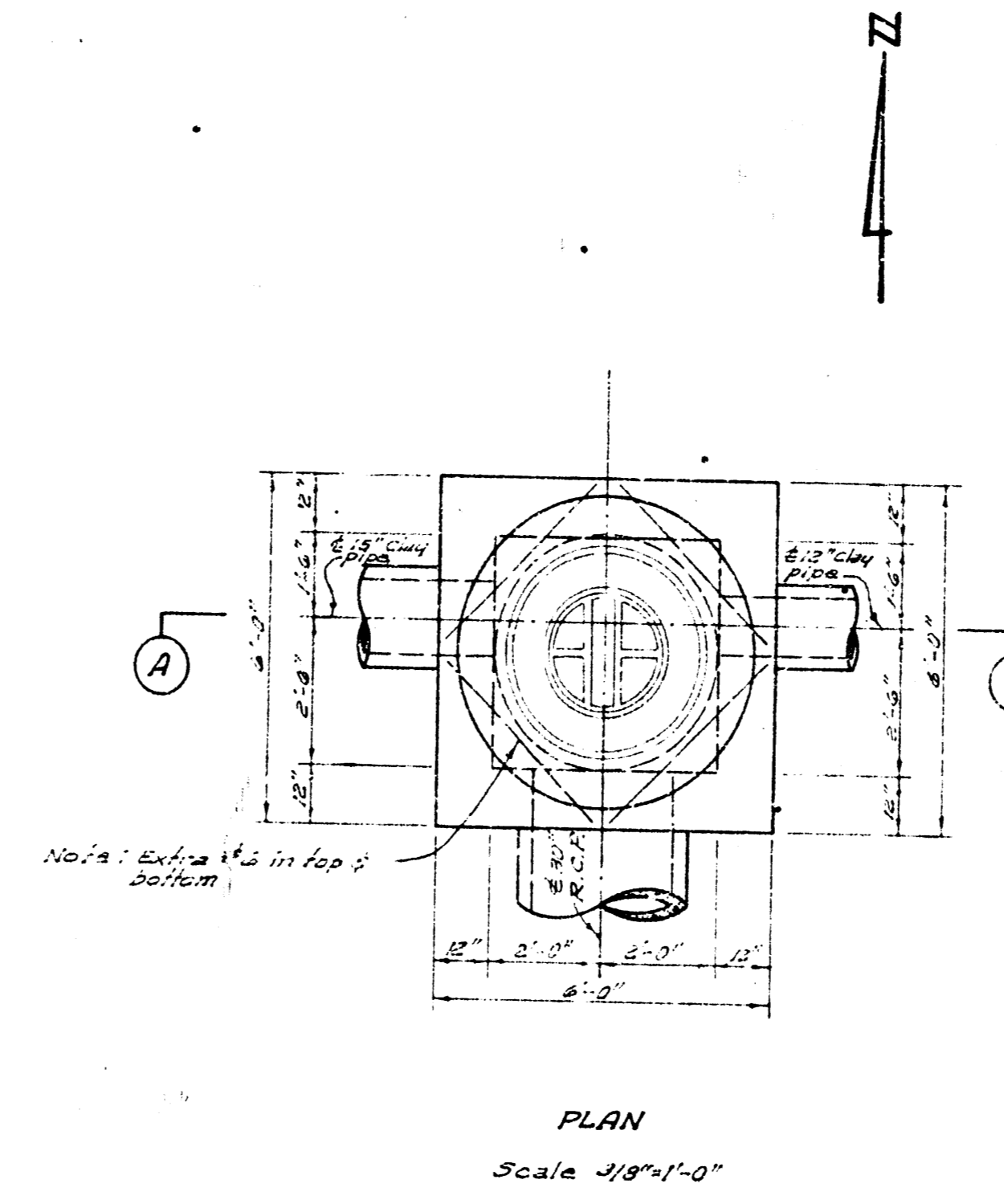
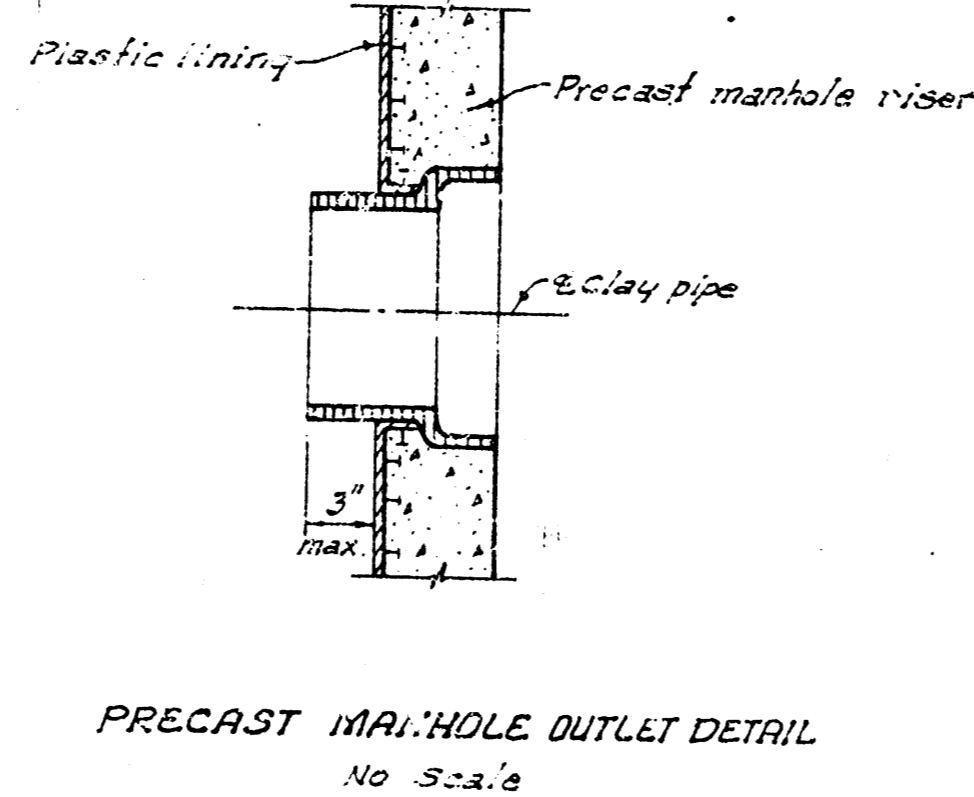
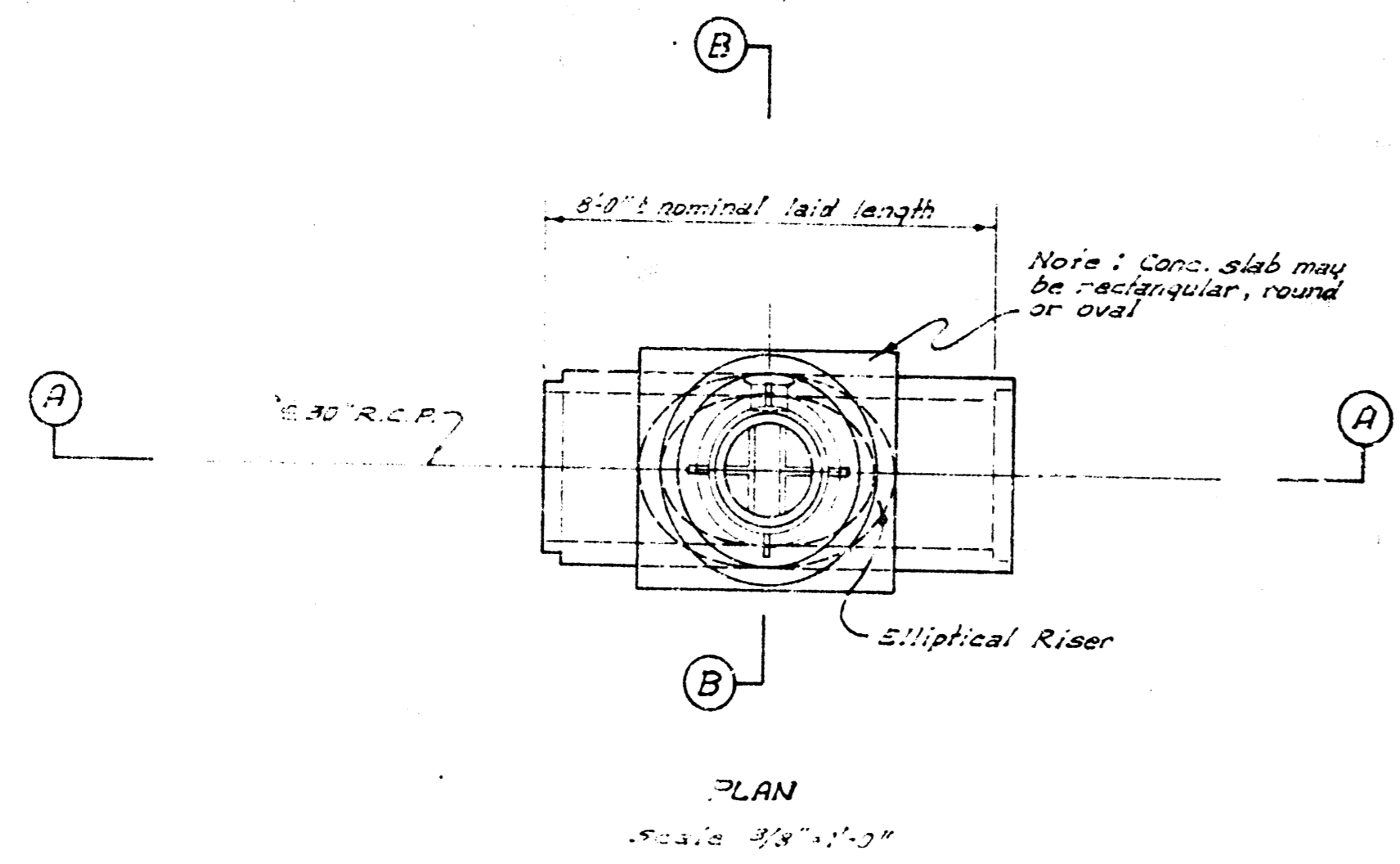
2574



GENERAL NOTES

- #1 After backfilling operations have been completed, all culvert pipes & drainage structures which have been removed or damaged shall be replaced & restored to proper lines & grades. Drainage ditches shall be graded for proper drainage & restored to their original condition. No direct payment will be made for this work, but shall be considered incidental to the project.
- #2 Where boring, augering or jacking is required in connection with railroads & highways, each crossing shall be measured for payment horizontally along the & of the casing from end to end. No interruption of traffic will be permitted @ any location where boring, augering or jacking is required.
- #3 All sawing of existing conc. pavement to be removed shall be incidental to the item 31. Pavement, Removed.
- #4 The Contractor shall be responsible for all settlement of backfill which may occur within one year after final completion of the project. The Contractor shall make repairs to be made, all necessary backfill replacements & repairs within forty days after notice from the Engineer.
- #5 All sand backfill is to be flushed & vibrated and shall be included in bid price of lineal ft. of pipe. Where flushing of the excavated material is directed by the Engineer, the Contractor shall consolidate the backfill using water jets & vibrators. Flushing shall be included in the bid price of lineal ft. of pipe.
- #6 All work performed and all operations of the Contractor, his employees, or his subcontractors within the limits of the Kansas Turnpike & Highway right-of-way shall be in conformity with the requirements, and be under the control of the authority owning, or having jurisdiction over and control of the right-of-way in each case.
- #7 All 30" clay pipe furnished in lieu of the Reinf. Conc. Pipe shall be standard strength. All 24" Clay Pipe furnished in lieu of the Reinf. Conc. shall be extra strength and shall conform to ASTM #70 or the lat. of revisions thereof.
- #8 30" & 24" Clay Pipe used in lieu of concrete pipe shall be encased with 8" reinf. conc. encasement. Encasement shall be included in price bid for 30" clay pipe encased & 24" clay pipe encased respectively.
- #9 The removal or replacement of culvert pipe with or without headwalls, large trees, small trees, fences, conc. walk, stumps, guard posts, pipe plugs, mail boxes, shrubs, hedges & sign posts will not be paid for directly but shall be considered incidental to the project.
- #10 All 15", 12", 10" & 8" clay pipe & 10" C.I. pipe shall be encased with 8" reinf. conc. encasement.
- #11 All 8" & 10" stubs to be installed @ 0.00% grade unless otherwise noted on plan.
- #12 The Contractor shall not be allowed to close 47th St. So. & MacArthur Rd. @ the same time.
- #13 The Contractor shall notify Police & Fire Dept., Boeing & B.O.E. & Traffic Engineering prior to closing various streets during project construction.
- #14 The Contractor shall provide access for School Buses to White Elm School.
- #15 The Contractor shall notify Traffic Engineering Dept. prior to excavating sewer thru traffic signal detector loops.

SUB. 1, S.W. INTERCEPTOR
 PROJECT NO. DBKM568082
 LINE NO. 5 SHEET 25 OF 26



SECTION AA
ALTERNATE CONC. M.H. FOR STA 105+47.5 LN. NO. 1
Scale 3/8"=1'-0"

SUB. 1, S.W. INTERCEPTOR
PROJECT NO. DBKM548082
SHEET 26 OF 26