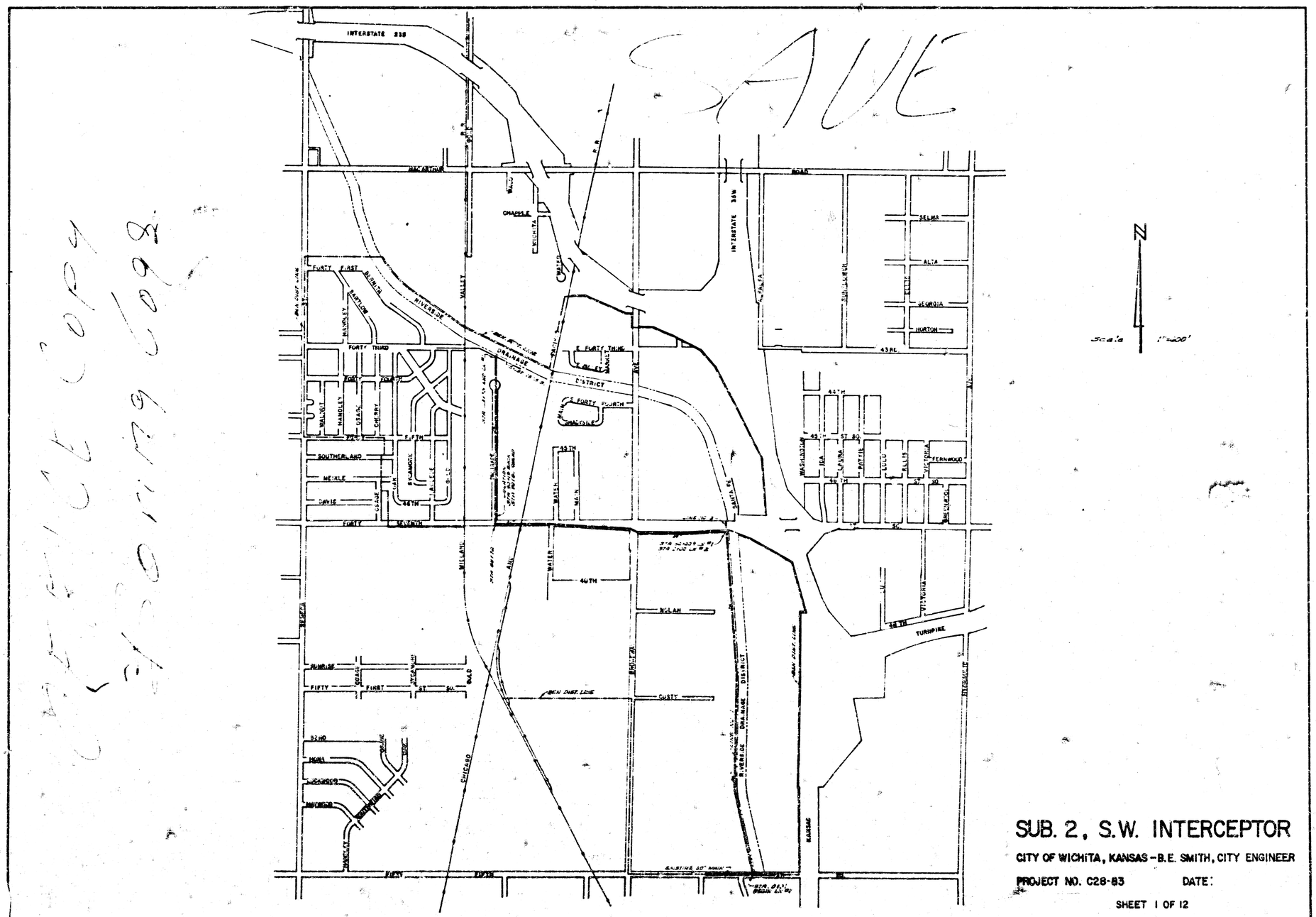
SAVE

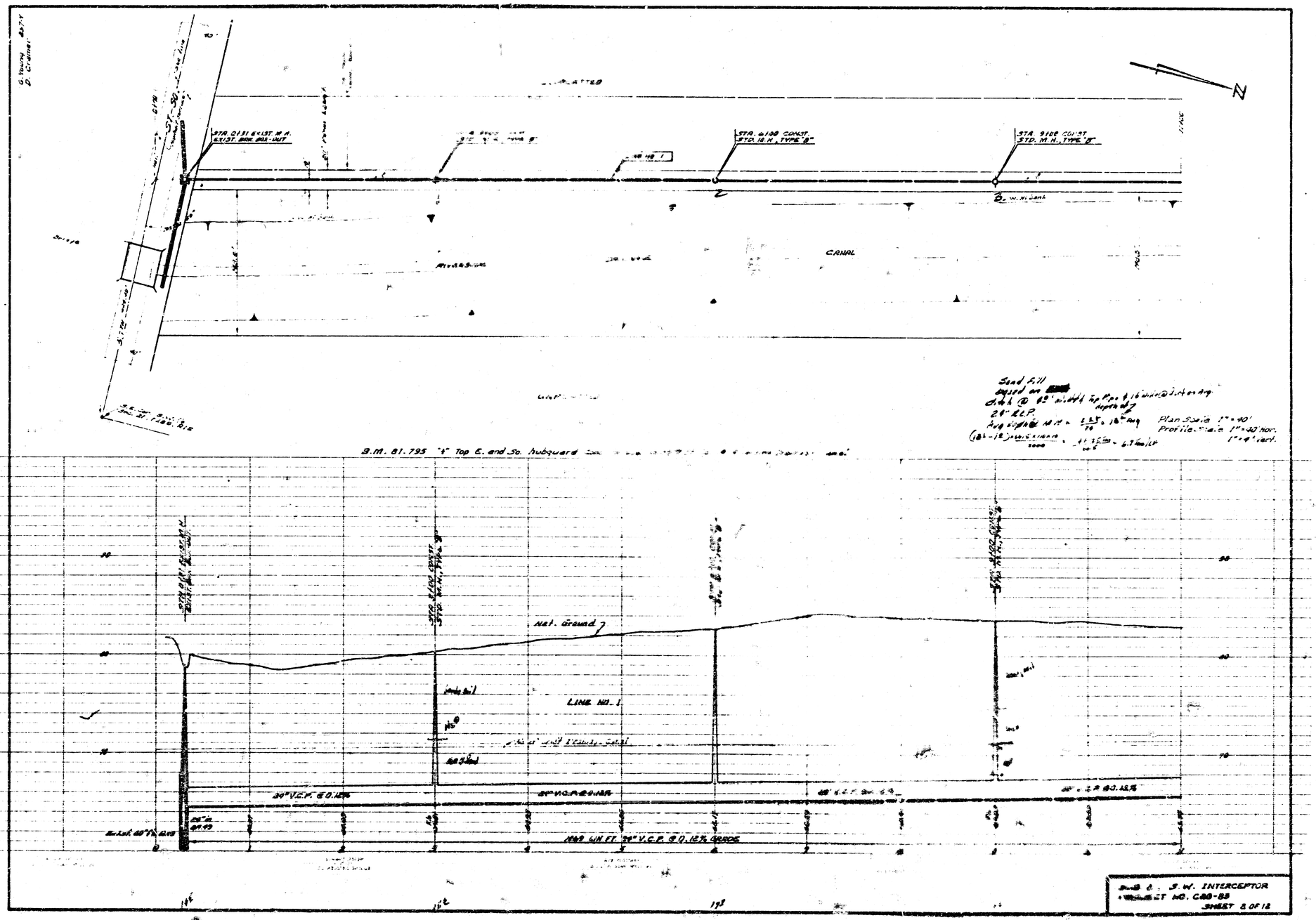


SUB. 2, S.W. INTERCEPTOR

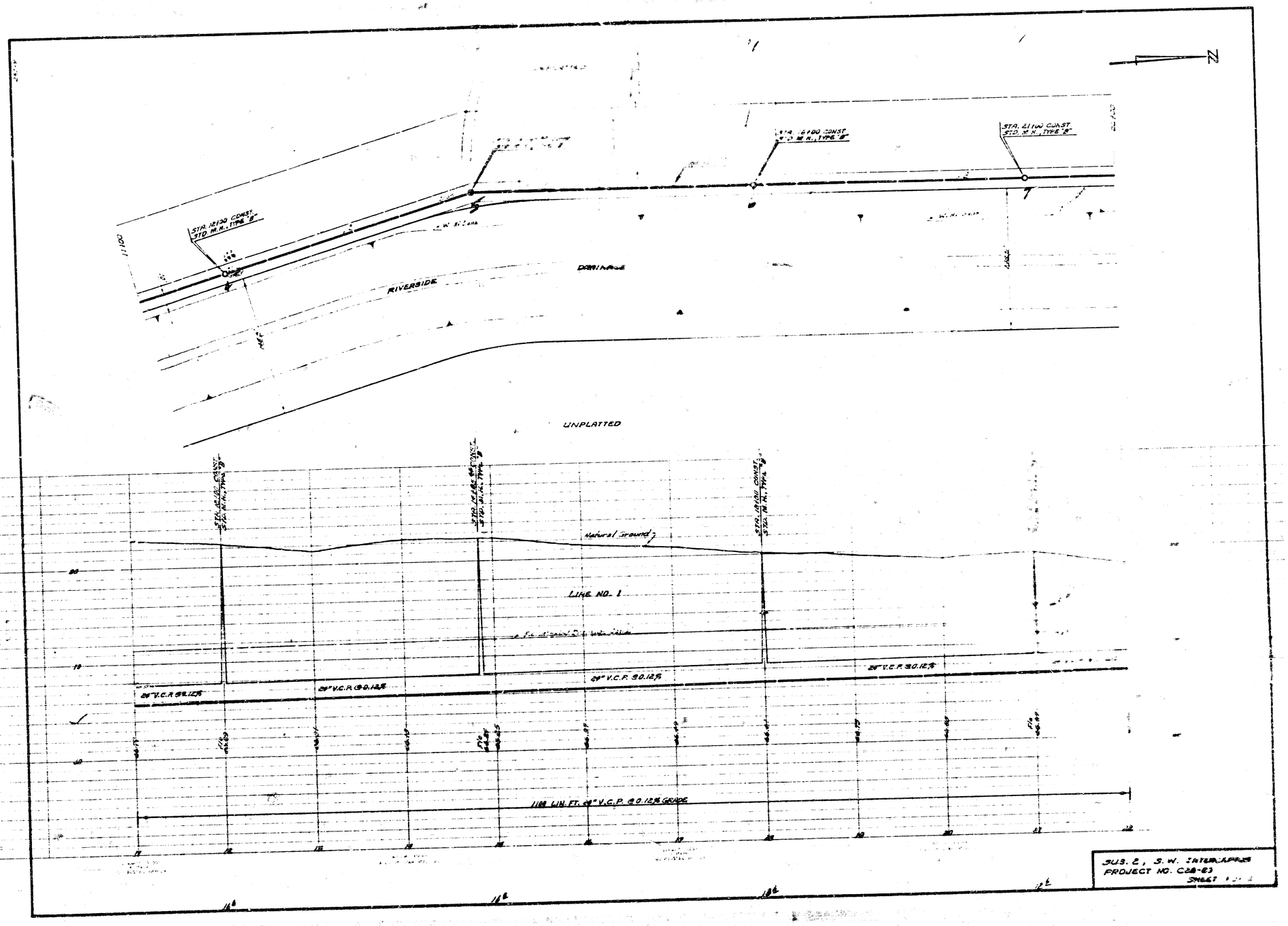
CITY OF WICHITA, KANSAS – B.E. SMITH, CITY ENGINEER

PROJECT NO. C28-83 DATE:

SHEET 1 OF 12



STA. 0+31 EXIST. M.H. EXIST. BOX-OUT
STA. 6+00 CONST. STD. M.H., TYPE "B"
STA. 9+00 CONST. STD. M.H., TYPE "B"
CANAL
N
Sand Fill
24" R.C.P.
Plan Scale 1" = 40'
Profile Scale 1" = 40' hor.
1" = 4' vert.
B.M. 81.795 "4" Top E. and So. hubguard
Nat. Ground
LINE NO. 1
24" V.C.P. @ 0.12%
1469 LIN. FT. 24" V.C.P. @ 0.12% GRADE
S.W. INTERCEPTOR
SHEET 2 OF 12


N
STA. 12130 CONST. STD. M.H. TYPE 'B'
STA. 16100 CONST. STD. M.H. TYPE 'B'
STA. 21100 CONST. STD. M.H. TYPE 'B'
RIVERSIDE
DRAINAGE
UNPLATTED
LINE NO. 1
(Natural Ground)
24" V.C.P. @ 0.12%
1188 LIN. FT. 24" V.C.P. @ 0.12% GRADE
SUB. 2, S.W. INTERCEPTOR
PROJECT NO. C28-63

UNPLATTED

UNPLATTED

STA. 34100 CONST. STD. M.H., TYPE "B"

STA. 34194 CONST. STD. M.H., TYPE "B"

LINE NO. 1

STA. 29100 CONST. STD. M.H., TYPE "B"

STM. 31135.44 CONST. STD. M.H., TYPE "B"

N

RIVERSIDE DRAINAGE CHANNEL

UNPLATTED

UNPLATTED

Nat. Ground

LINE NO. 1

24" V.C.P. @ 0.12%

24" V.C.P. @ 0.12%

24" V.C.P. @ 0.12%

24" V.C.P. @ 0.12%

24" V.C.P. @ 0.12%

1100 LIN. FT. 24" V.C.P. @ 0.12% GRADE

SUB. 2, S.W. INTERCEPTOR
PROJECT NO. C28-88
SHEET 4 OF 12

UNPLATTED

UNPLATTED

N

STA. 34+85 CONST.
S.D. M.H., TYPE 'B'

STA. 37+00 CONST.
STD. M.H., TYPE 'B'

LINE NO. 1

STA. 90+12 CONST.
STD. M.H., TYPE 'B'

STA. 73+00 CONST.
STD. M.H., TYPE 'B'

RIVERSIDE DRAINAGE CANAL

UNPLATTED

UNPLATTED

STA. 34+85 CONST.
STD. M.H., TYPE 'B'

STA. 37+00 CONST.
STD. M.H., TYPE 'B'

STA. 90+12 CONST.
STD. M.H., TYPE 'B'

STA. 73+00 CONST.
STD. M.H., TYPE 'B'

Natural Ground

LINE NO. 1

24" V.C.P. @ 0.12%

24" V.C.P. @ 0.12%

24" H.C.P. @ 0.12%

24" V.C.P. @ 0.12%

24" V.C.P. @ 0.12%

1180 LIN. FT. 24" V.C.P. @ 0.12% GRADE

SUB. 2, S. W. INTERCEPTOR
PROJECT NO. C28-83
SHEET 3 OF 12

B.M. 83.35 "D" on S.E. Cor. So. Headwall R.C.B.C. on
47th St. So. & Riverside Drainage Canal

UNPLATTED

UNPLATTED

RIVERSIDE DRAINAGE CANAL

STR. 53178 CONST. STD. M.H., TYPE "B"

STR. 96100 CONST. STD. M.H., TYPE "B"

STA. 99100 CONST. STD. M.H., TYPE "B"

STR. 98180.99 CONST. STD. M.H., TYPE "B" STA. 0100 LN. "B"

STA. 1175 END LINE NO. 2 PLUG PIPE

LINE NO. 1

LINE NO. 2

HIGHWAY R-235

STR. 98+00

N

UNPLATTED

Natural Ground

LINE NO. 1

24" V.C.P. @ 0.12%

24" V.C.P. @ 0.12%

24" V.C.P. @ 0.12%

24" V.C.P. @ 0.10%

820.60 LIN. FT. 24" V.C.P. @ 0.12% GRADE

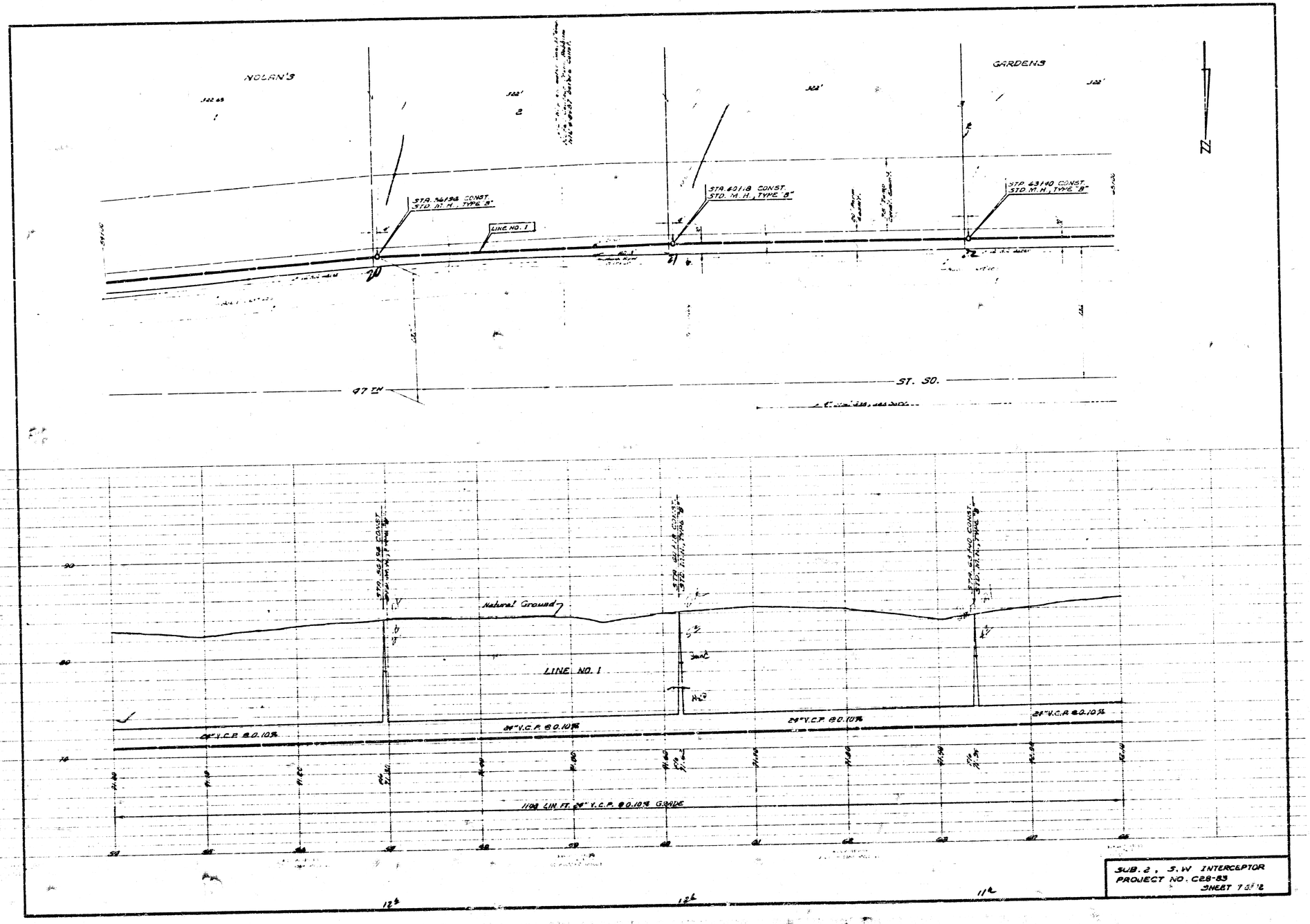
179.9 LIN. FT. 24" V.C.P. @ 0.10 % GRADE

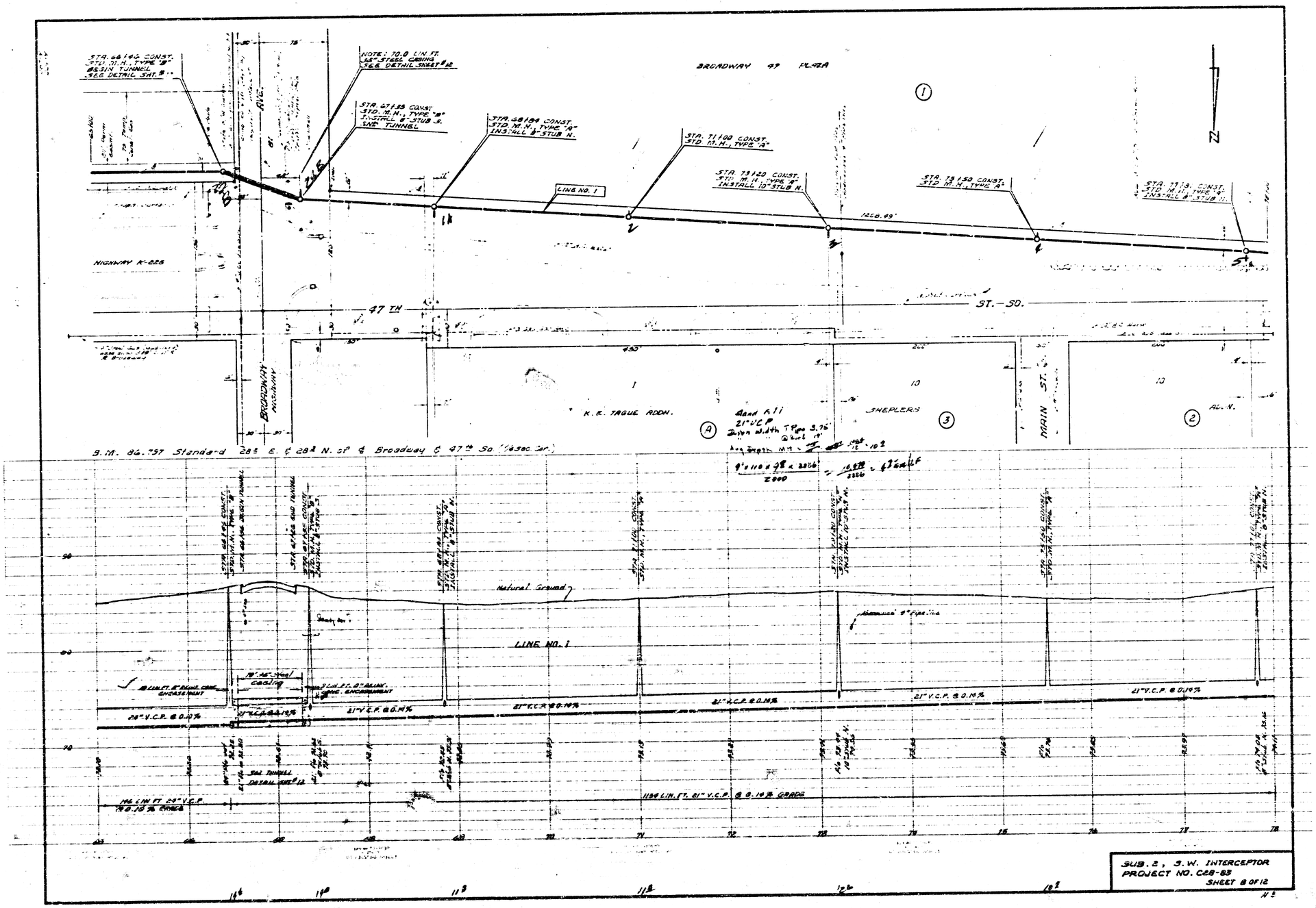
LINE NO. 2

175 LIN. FT. 12" V.C.P. @ 0.13% GRADE

175 LIN FT 8'-0" LINE CONC ENCASEMENT

SUB. 2, S.W. INTERCEPTOR
PROJECT NO. C28-88
SHEET 6 OF 12


NOLAN'S
GARDENS
STA. 36+96 CONST. STD. M.H., TYPE "B"
LINE NO. 1
STA. 60+18 CONST. STD. M.H., TYPE "B"
STA. 63+40 CONST. STD. M.H., TYPE "B"
97TH
ST. SO.
Natural Ground
LINE NO. 1
24" V.C.P. @ 0.10%
1108 LIN. FT. 24" V.C.P. @ 0.10% GRADE
SUB. 2, S.W. INTERCEPTOR
PROJECT NO. C28-83
SHEET 7 OF 12


BROADWAY 47 PLAZA
HIGHWAY K-226
47 TH
ST. - SO.
BROADWAY
HIGHWAY
K. E. TAGUE ADDN.
SHEPLERS
MAIN ST.
AL. N.
LINE NO. 1
Natural Ground
21" V.C.P. @ 0.14%
1134 LIN. FT. 21" V.C.P. @ 0.14% GRADE
SUB. 2, S.W. INTERCEPTOR
PROJECT NO. C28-83
SHEET 8 OF 12

BROADWAY 47 PLAZA

UNPLATTED

UNPLATTED

UNPLATTED

N

ST.

R.R.

STA. 80+09 CONST. STD. 71 M., TYPE "A"

STA. 82+32 CONST. STD. 71 M. TYPE "A" INSTALL 8"-ST.-8"S.

STA. 84+09 CONST. STD. 71 M. TYPE "A" INSTALL 8"-STUB N.E.

STA. 85+24 CONST. STD. 71 M., TYPE "A"

LINE NO. 1

STA. 88+72 CONST. STD. 71 M., TYPE "A"

47TH

ST. — 50.

NOTE: 70.5 LIN FT. 36" STEEL CASING SEE DETAIL SHT. # 12

SHEPLER'S

WATER

ADDN.

ROCK ISLAND INDUSTRIAL PARK

EQUATION 10+19 BACK = 30+00 AHEAD

PALISADE AVE.

ACRN.

B.M. 87.75 S.W. Cor. Conc. pd Ho. N.E. WATER & 47TH ST So.

Natural Ground

LINE NO. 1

42.5 LIN FT 36" STEEL CASING

8'-0" LINE. CONC. EXCAVATION

8'-8" LINE. CONC. EXCAVATION

21" V.C.P. @ 0.19%

21" V.C.P. @ 0.16%

18" V.C.P. @ 0.10%

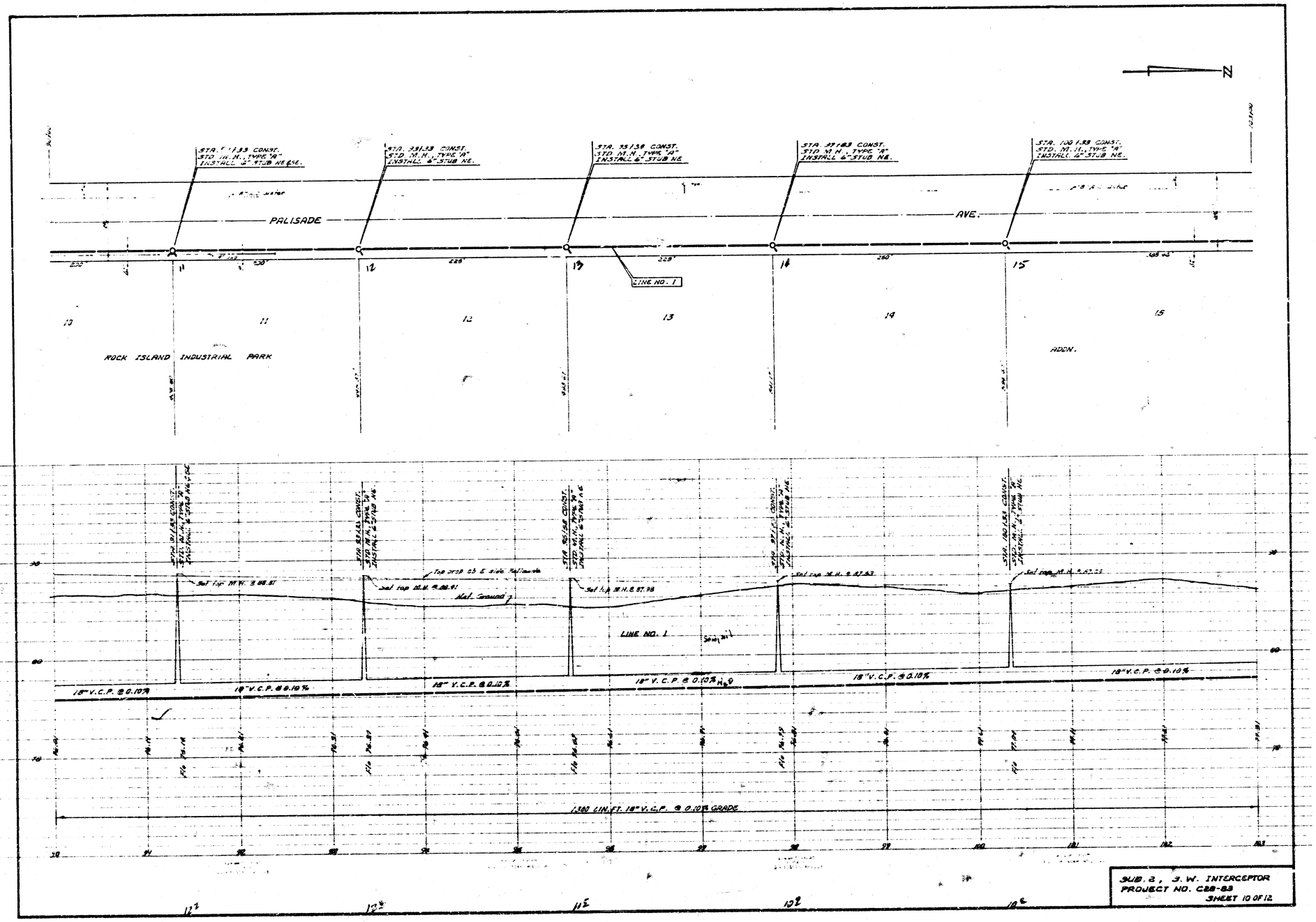
S&E TUNNEL DETAIL SHT. # 12

1020 LIN. FT. 21" V.C.P. @ 0.16% GRADE

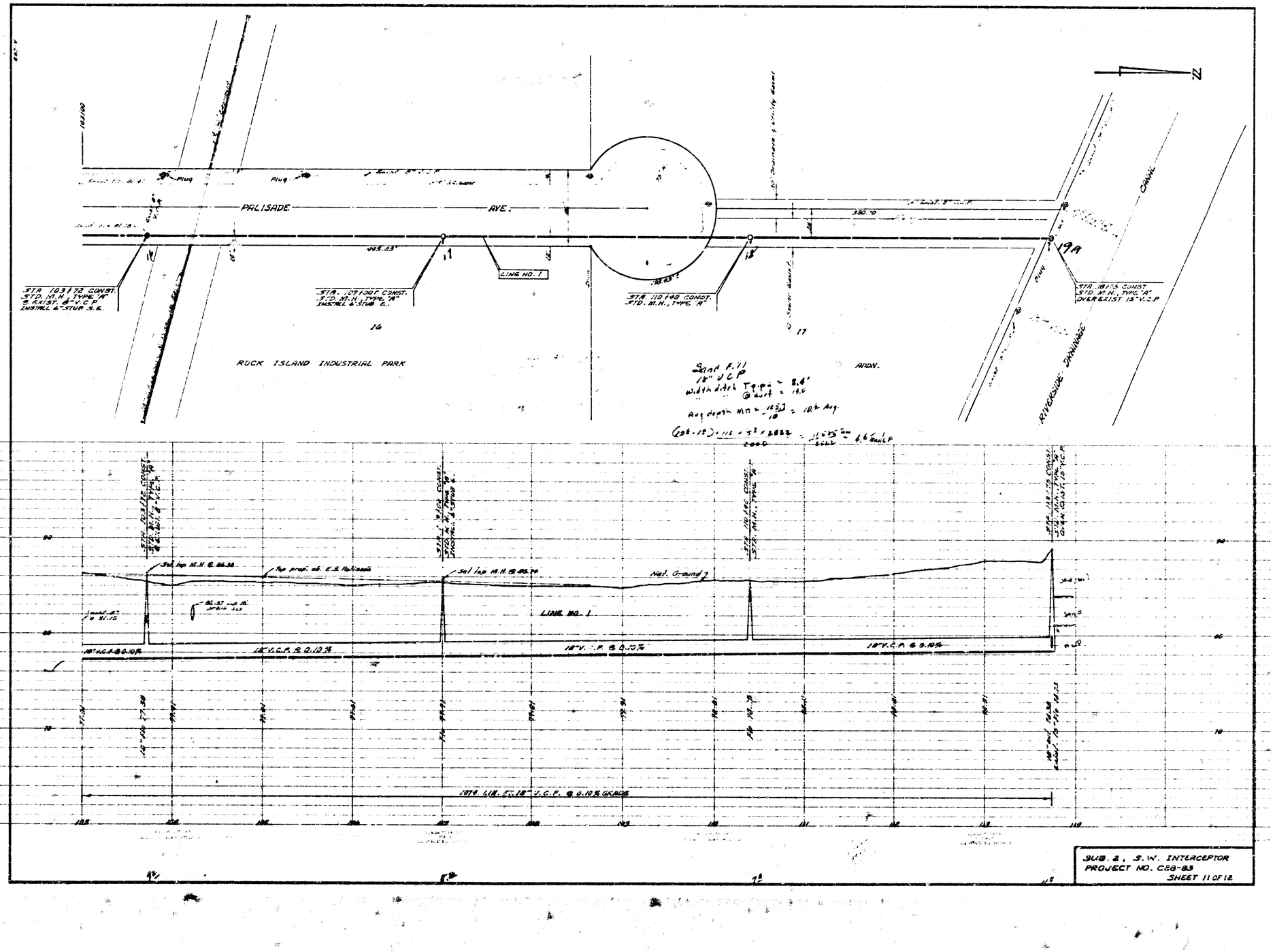
199 LIN. FT. 18" V.C.P. @ 0.10% GRADE

EQUATION 19+19 BACK = 30+00 AHEAD

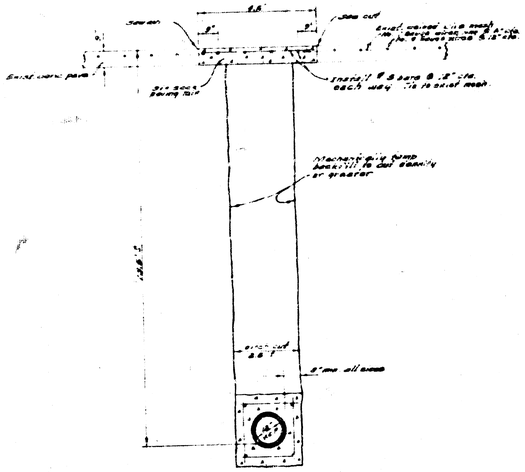
SUB. 2, S. W. INTERCEPTOR
PROJECT NO. C28-68
SHEET 9 OF 12



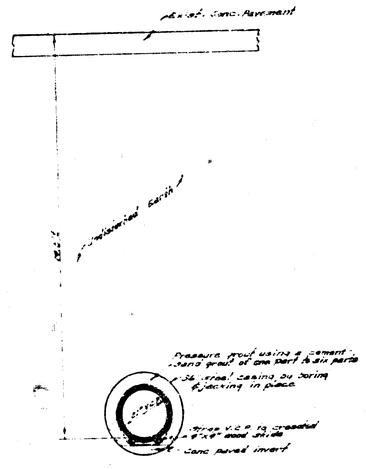
SUB. 2, S.W. INTERCEPTOR
PROJECT NO. C28-83
SHEET 10 OF 12



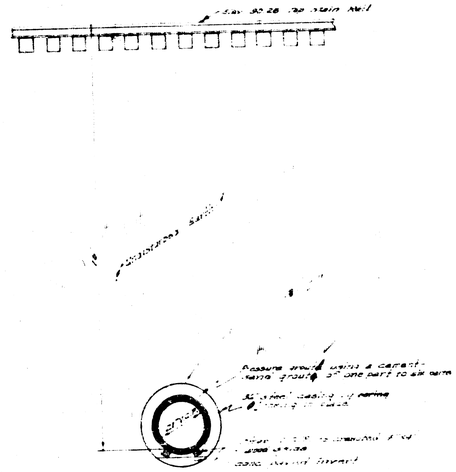
SUB. 2, S.W. INTERCEPTOR
PROJECT NO. C28-83
SHEET 11 OF 12



TYPICAL SECTION
47'18 ST. SO. (HIGHWAY 228) CROSSING STA 0+00 TO 1+75 LN. #2
Scale 1"=2'-0"

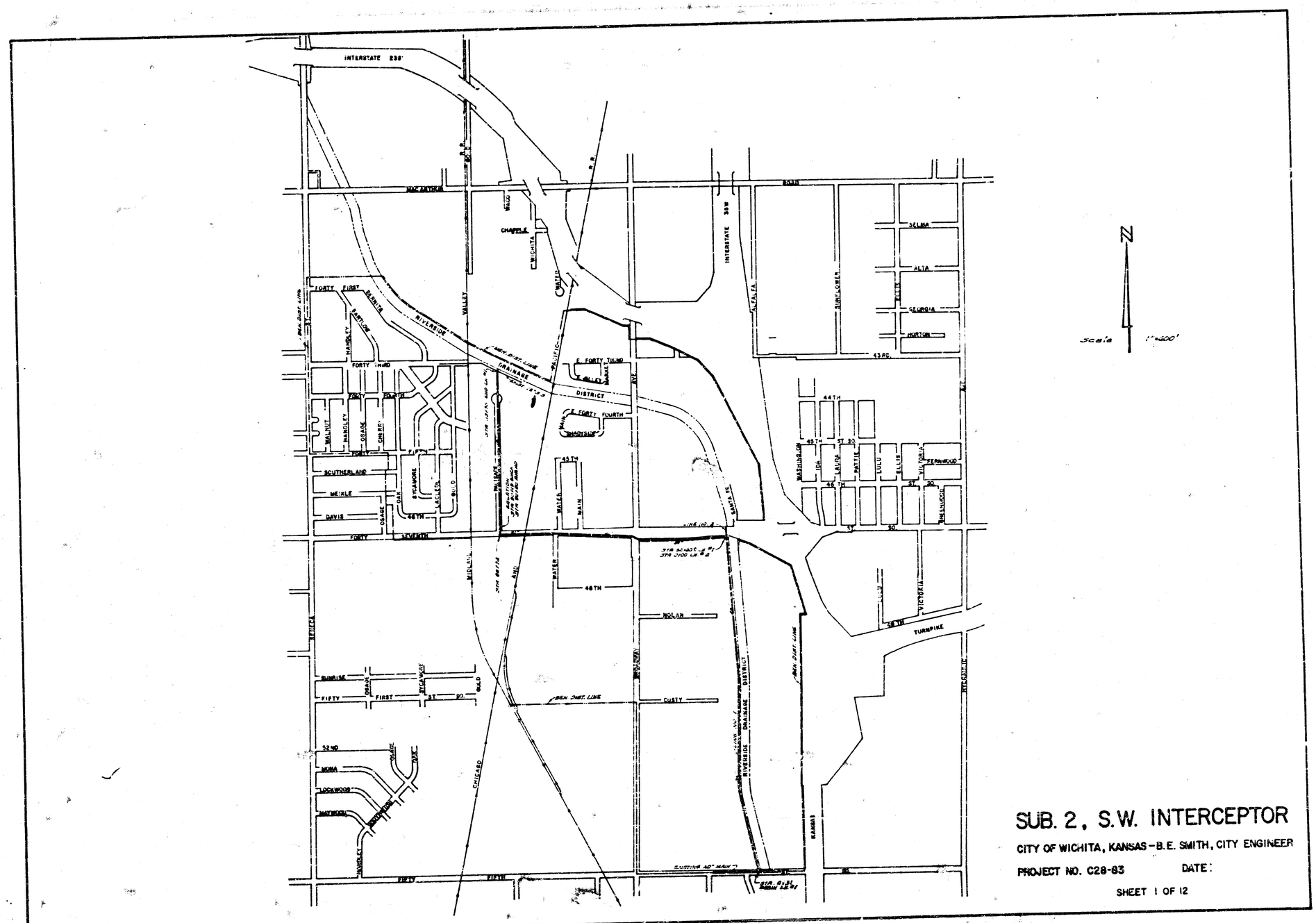


TYPICAL SECTION
BROADWAY (HIGHWAY 87) CROSSING STA 84+36 TO 84+86 LN #1
Scale 1"=2'-0"



TYPICAL SECTION
C.R.I. & P. R.R. CROSSING STA 84+28 TO 84+94 LN. #1.
Scale 1"=2'-0"

SUB. 2, S.W. INTERCEPTOR
PROJECT NO. C28-83
SHEET 12 OF 12

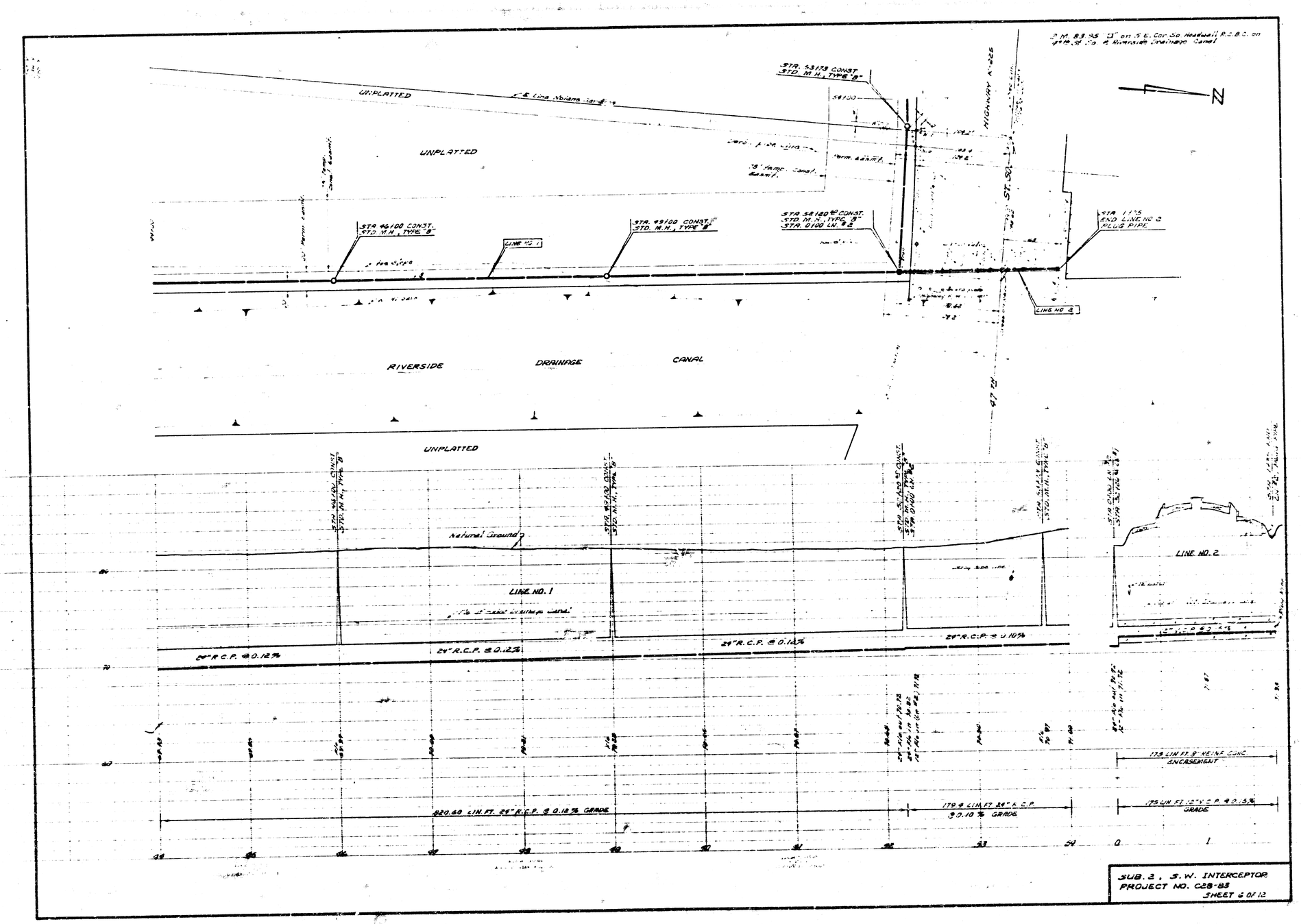


SUB. 2, S.W. INTERCEPTOR

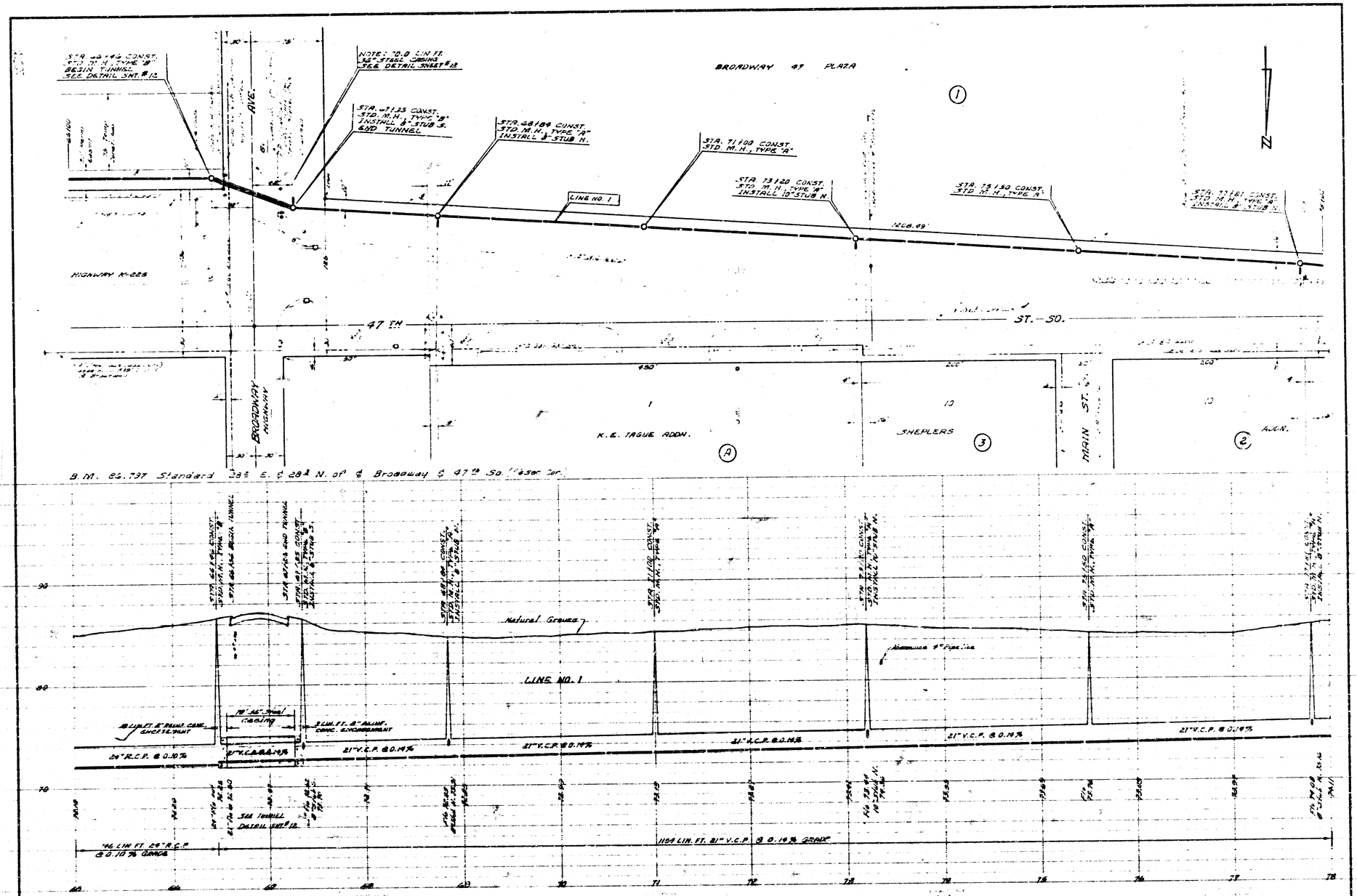
CITY OF WICHITA, KANSAS – B.E. SMITH, CITY ENGINEER

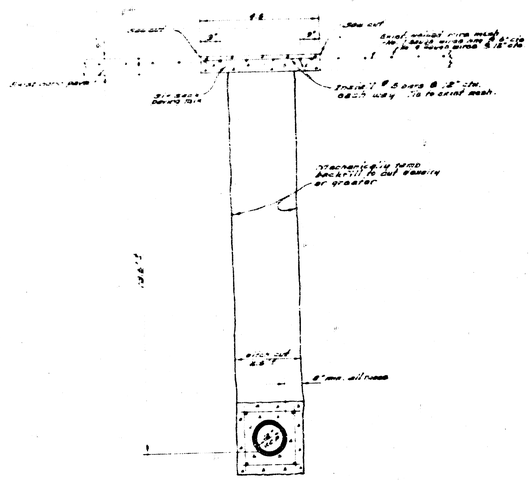
PROJECT NO. C28-83 DATE:

SHEET 1 OF 12

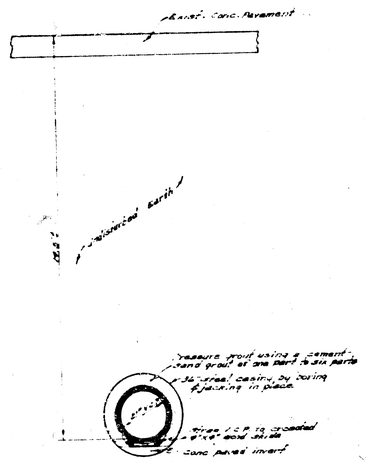


SUB. 2, S.W. INTERCEPTOR
PROJECT NO. C28-83
SHEET 6 OF 12

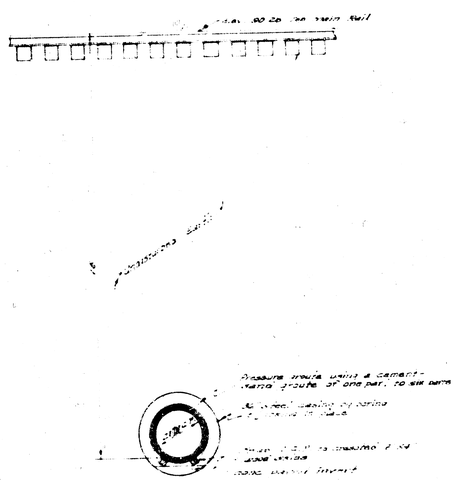

BROADWAY 47 PLAZA
HIGHWAY K-225
47 TH
ST. - SO.
BROADWAY HIGHWAY
AVE.
K.E. TAGUE ADDN.
SHEPLERS
MAIN ST.
ADDN.
LINE NO. 1
B.M. 86.737 Standard 28 E. & 28 N. of ℄ Broadway & 47th So. (4 Sec. Cor.)
Natural Ground
LINE NO. 1
24" R.C.P. @ 0.10%
21" V.C.P. @ 0.14%
1154 LIN. FT. 21" V.C.P. @ 0.14% GRADE
SUB. 2, S.W. INTERCEPTOR
PROJECT NO. C28-83
SHEET 8 OF 12



TYPICAL SECTION
97TH ST. SO (HIGHWAY 125) CROSSING STA 0100 TO 1175 LN. #2
Scale 1"=2'-0"



TYPICAL SECTION
BROADWAY (HIGHWAY 81) CROSSING STA 66156 TO 67126 LN #1
Scale 1"=2'-0"



TYPICAL SECTION
C.R.I. & P. R.R. CROSSING STA 94+23.9 TO 84+94 LN #1.
Scale 1"=2'-0"

SUB. 2, S.W. INTERCEPTOR
PROJECT NO. C28-83
SHEET 12 OF 12