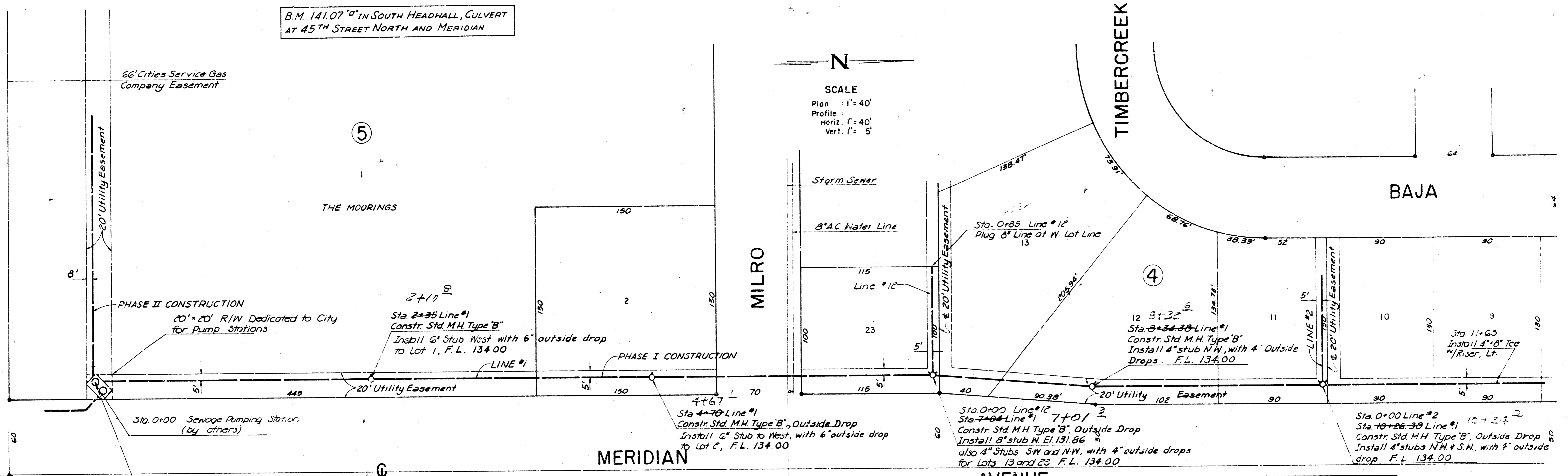
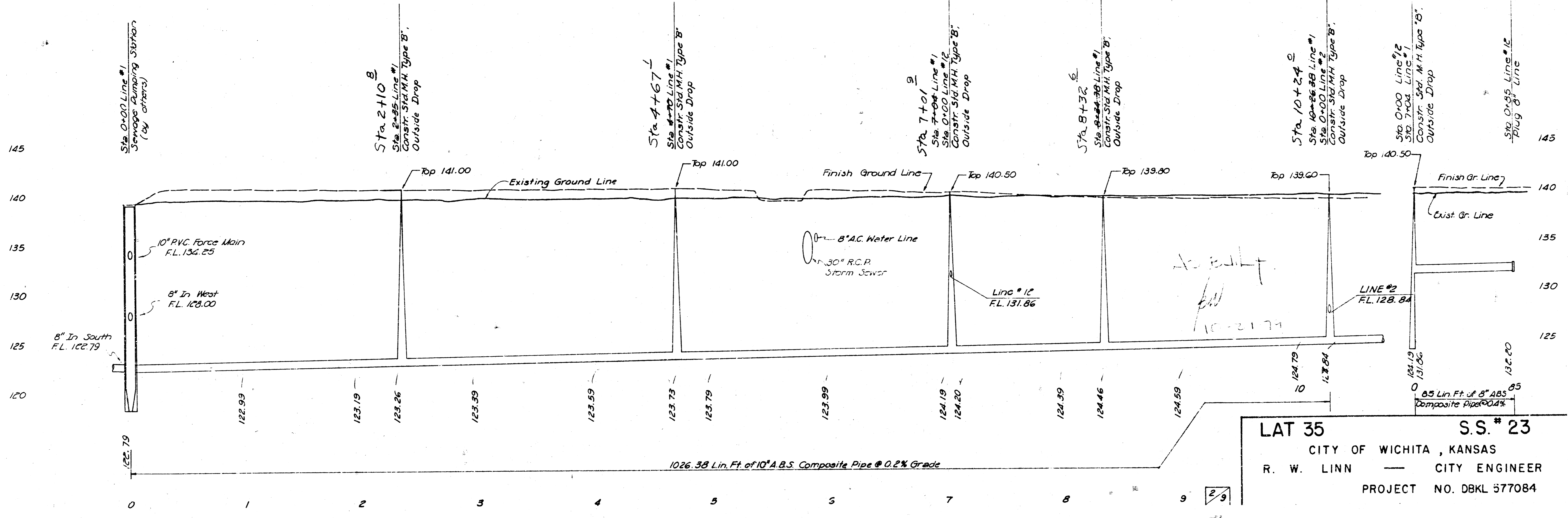


B.M. 141.07⁰ IN SOUTH HEADMALL, CULVERT AT 45TH STREET NORTH AND MERIDIAN

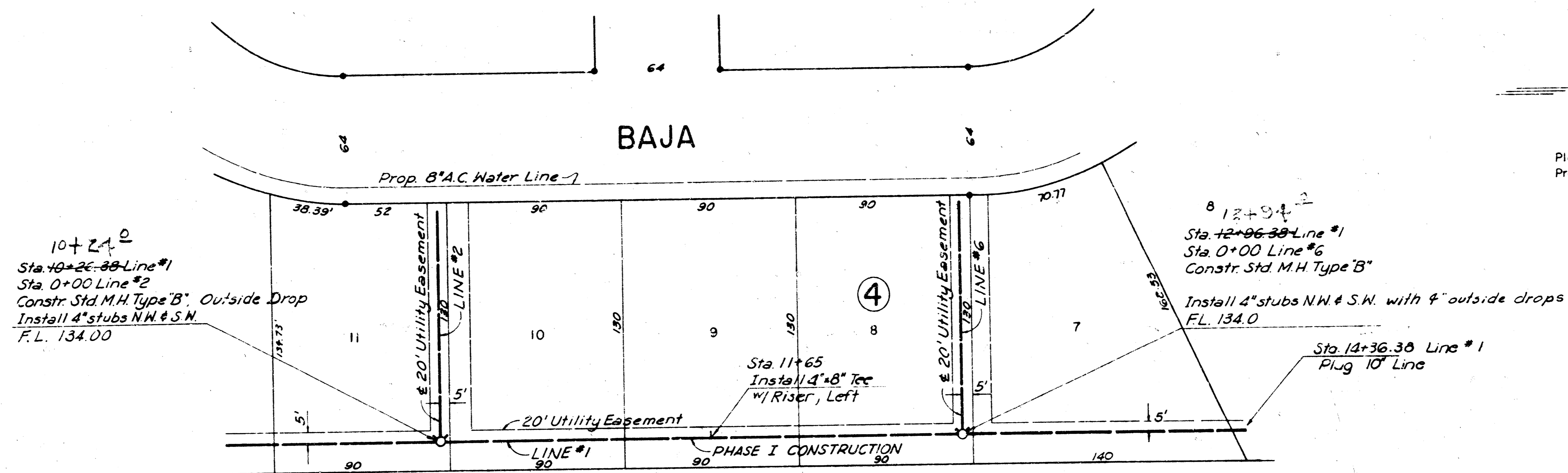


SCALE
 Plan : 1" = 40'
 Profile : 1" = 40'
 Horiz. : 1" = 40'
 Vert. : 1" = 5'

NOTE:
 THE TOP OF ALL RISER PIPES TO BE AT ELEV. 134.0. RISERS TO BE INSTALLED ONLY WHERE INDICATED.



LAT 35 S.S. # 23
 CITY OF WICHITA, KANSAS
 R. W. LINN — CITY ENGINEER
 PROJECT NO. DBKL 577084



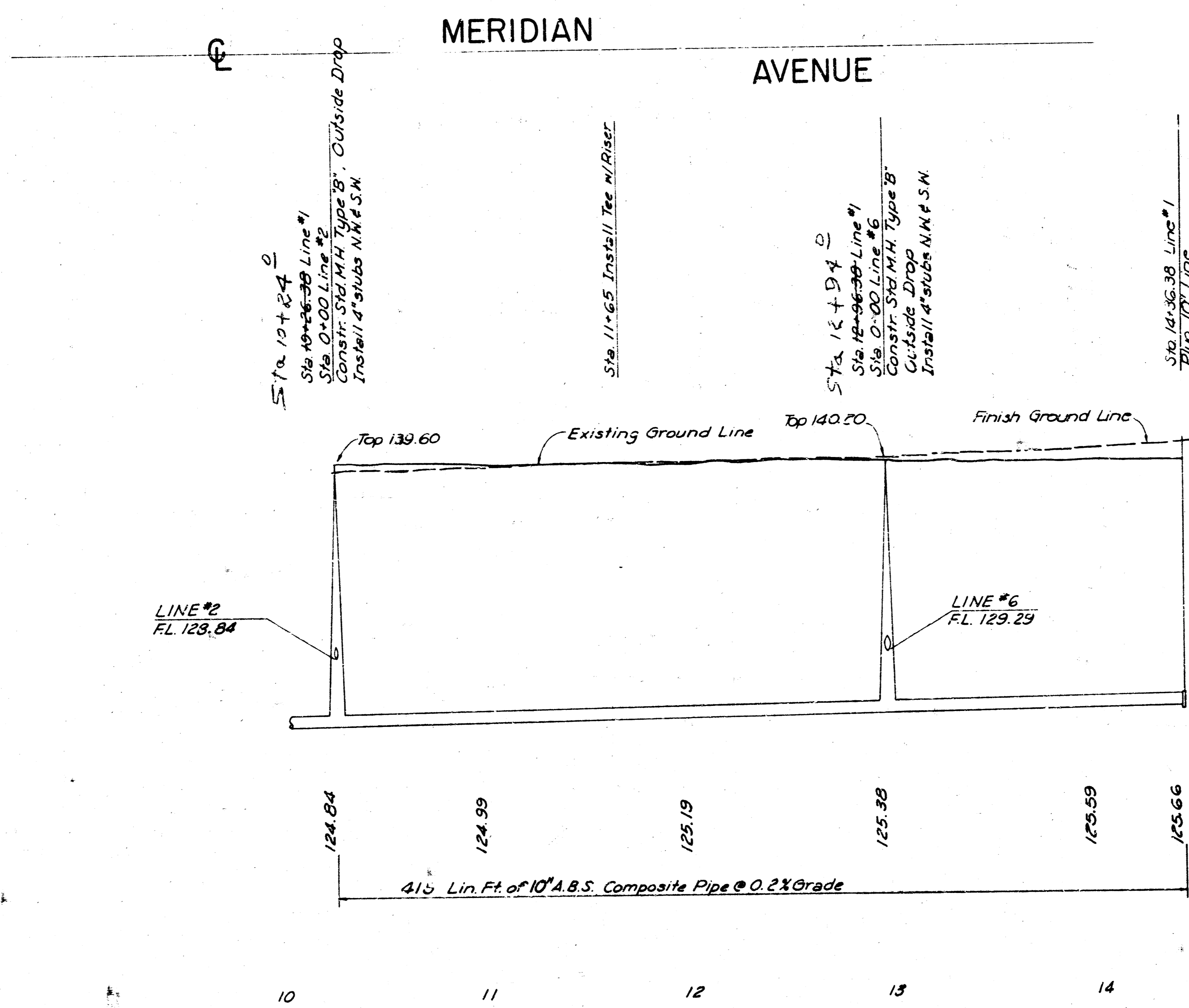
N
 SCALE
 Plan : 1" = 40'
 Profile : 1" = 40'
 Horiz. : 1" = 40'
 Vert. : 1" = 5'

10+26.89
 Sta. 10+26.89 Line #1
 Sta. 0+00 Line #2
 Constr. Std. M.H. Type "B"
 Install 4" stubs N.W. & S.W.
 F.L. 134.00

12+06.39
 Sta. 12+06.39 Line #1
 Sta. 0+00 Line #6
 Constr. Std. M.H. Type "B"
 Install 4" stubs N.W. & S.W. with 9" outside drops
 F.L. 134.00

Sta. 11+65
 Install 4" x 8" Tee
 w/ Riser, Left

Sta. 14+36.36 Line #1
 Plug 10" Line



Sta. 10+26.89
 Sta. 10+26.89 Line #1
 Sta. 0+00 Line #2
 Constr. Std. M.H. Type "B"
 Install 4" stubs N.W. & S.W.

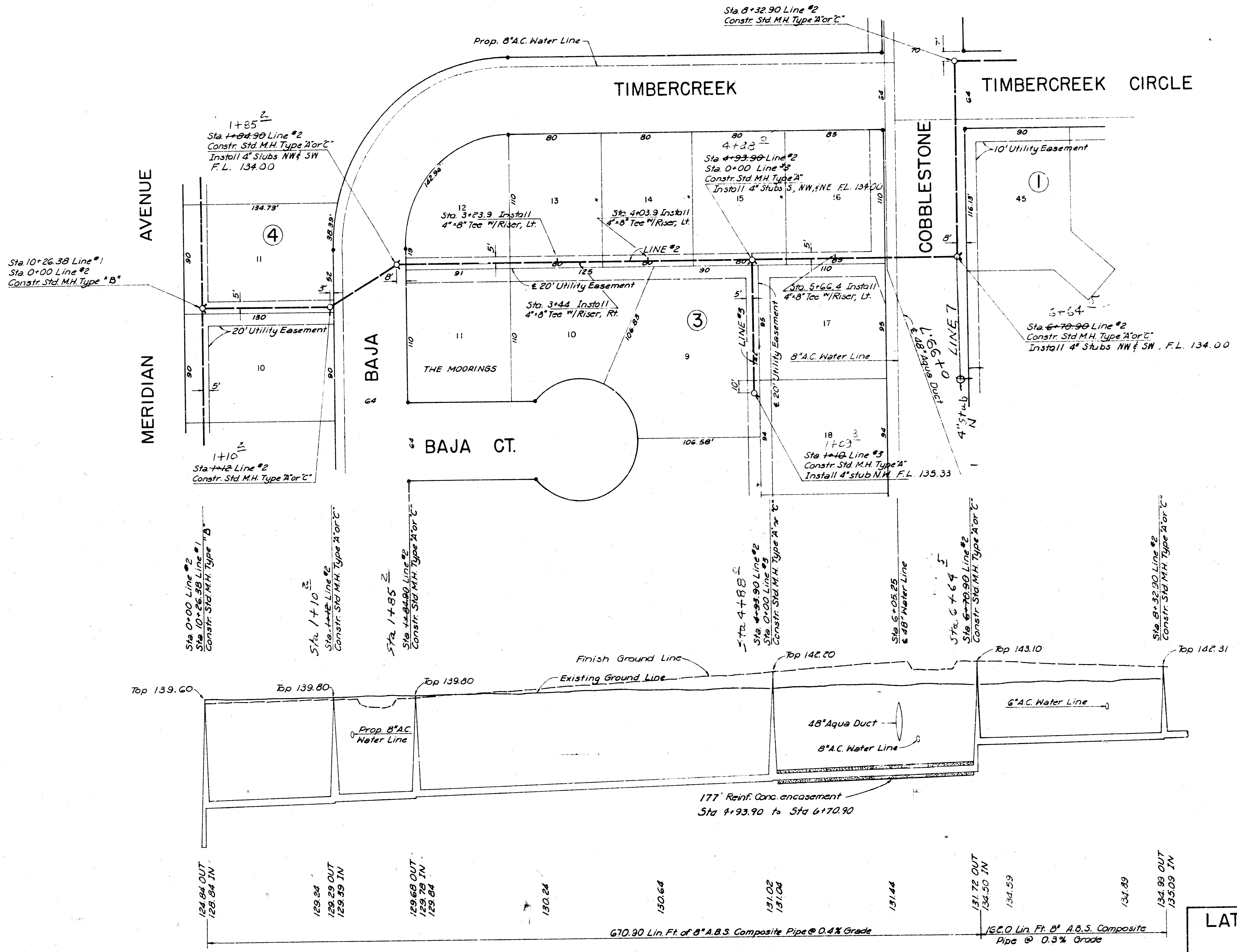
Sta. 11+65 Install Tee w/ Riser

Sta. 12+06.39
 Sta. 12+06.39 Line #1
 Sta. 0+00 Line #6
 Constr. Std. M.H. Type "B"
 Outside Drop
 Install 4" stubs N.W. & S.W.

Sta. 14+36.36 Line #1
 Plug 10" Line

LAT 35 S.S. # 23
 CITY OF WICHITA, KANSAS
 R. W. LINN — CITY ENGINEER
 PROJECT NO. DBKL 577084

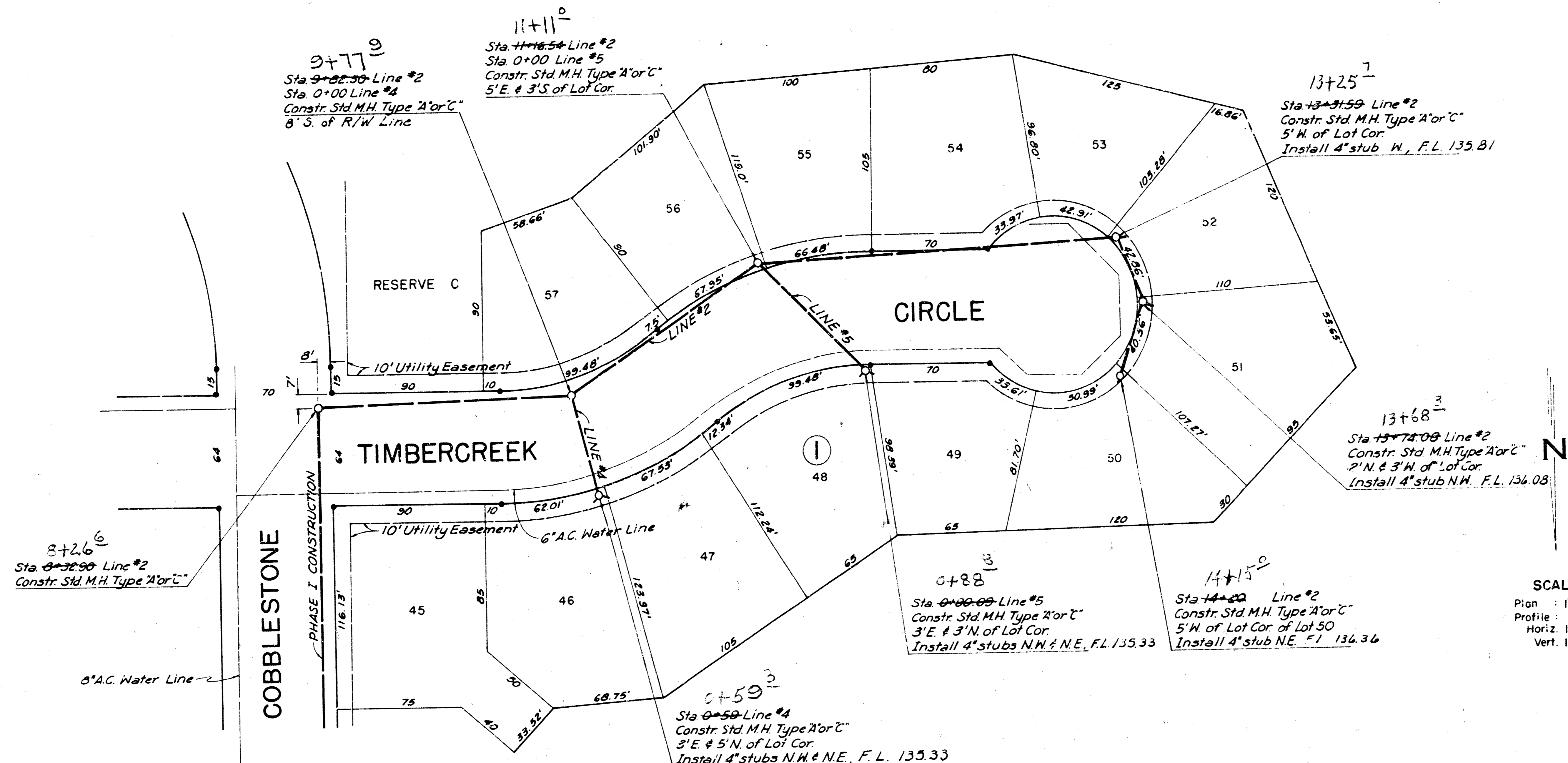
3/9



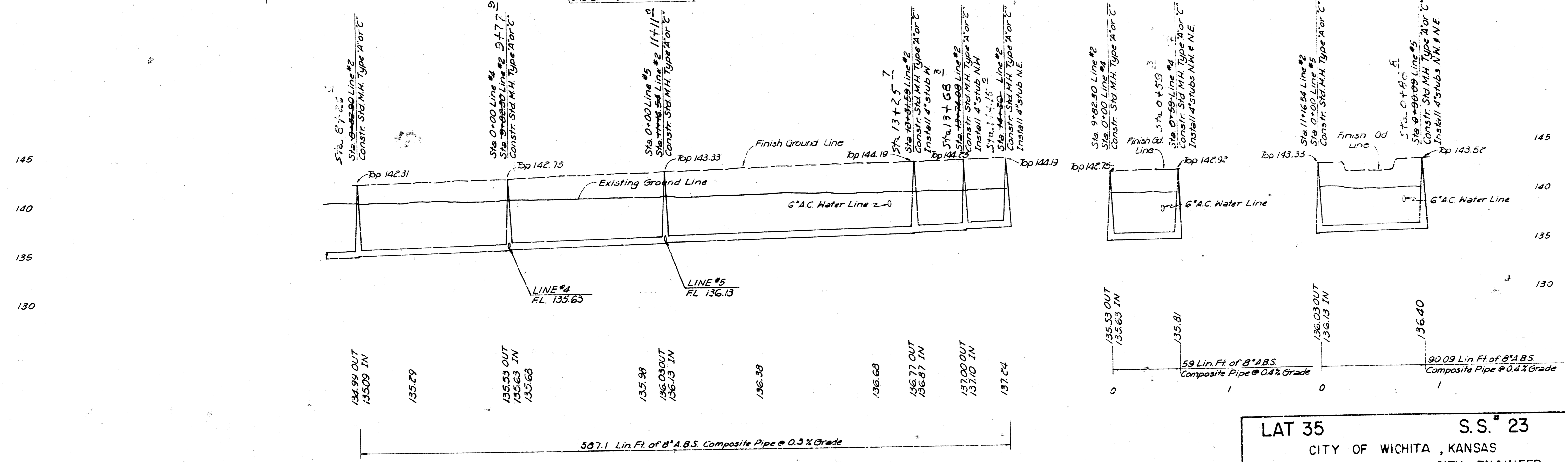
SCALE
 Plan 1" = 40'
 Profile 1" = 40'
 Horiz. 1" = 40'
 Vert. 1" = 5'

LAT 35 S.S. # 23
 CITY OF WICHITA, KANSAS
 R. W. LINN — CITY ENGINEER
 PROJECT NO. DBKL 577084

Revised 1-23-78

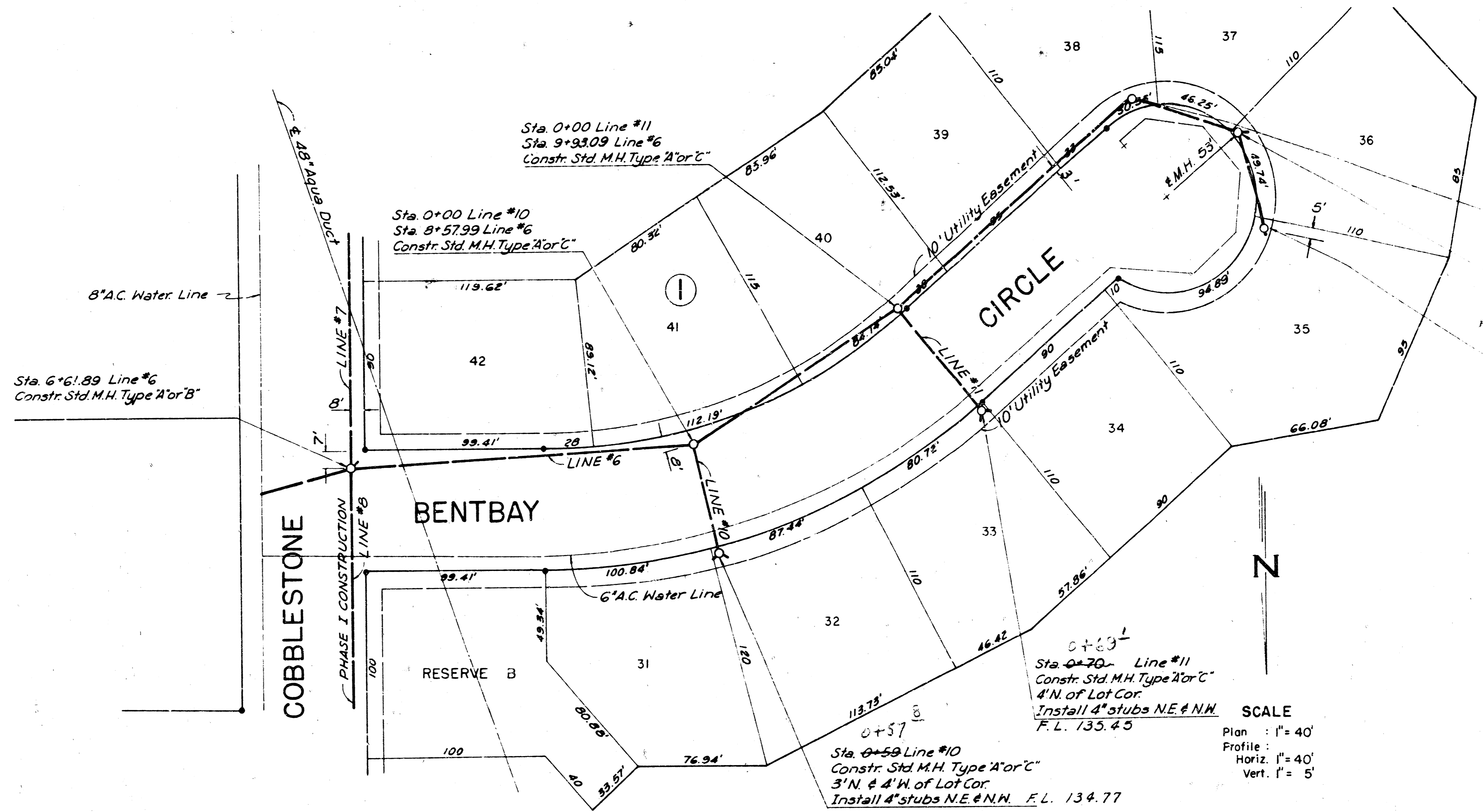


SCALE
 Plan: 1"=40'
 Profile: 1"=40'
 Horiz: 1"=40'
 Vert: 1"=5'



LAT 35 S.S. # 23
 CITY OF WICHITA, KANSAS
 R. W. LINN — CITY ENGINEER
 PROJECT NO. DBKL 577084

Revised 1-23-78

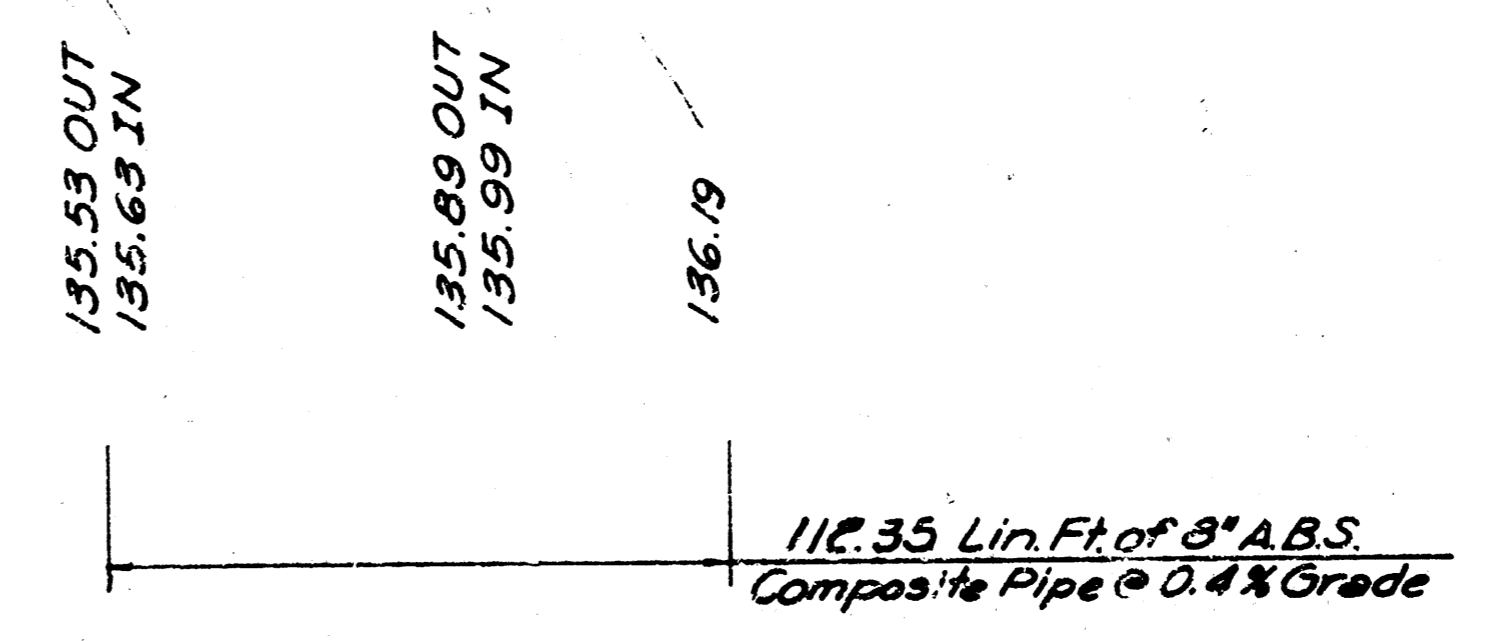
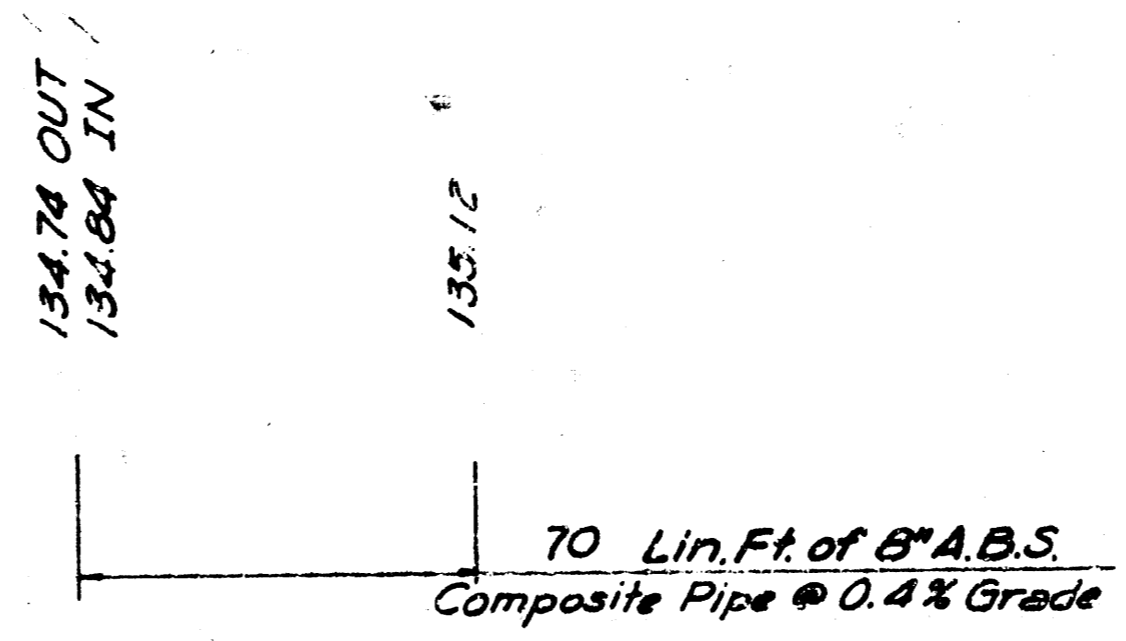
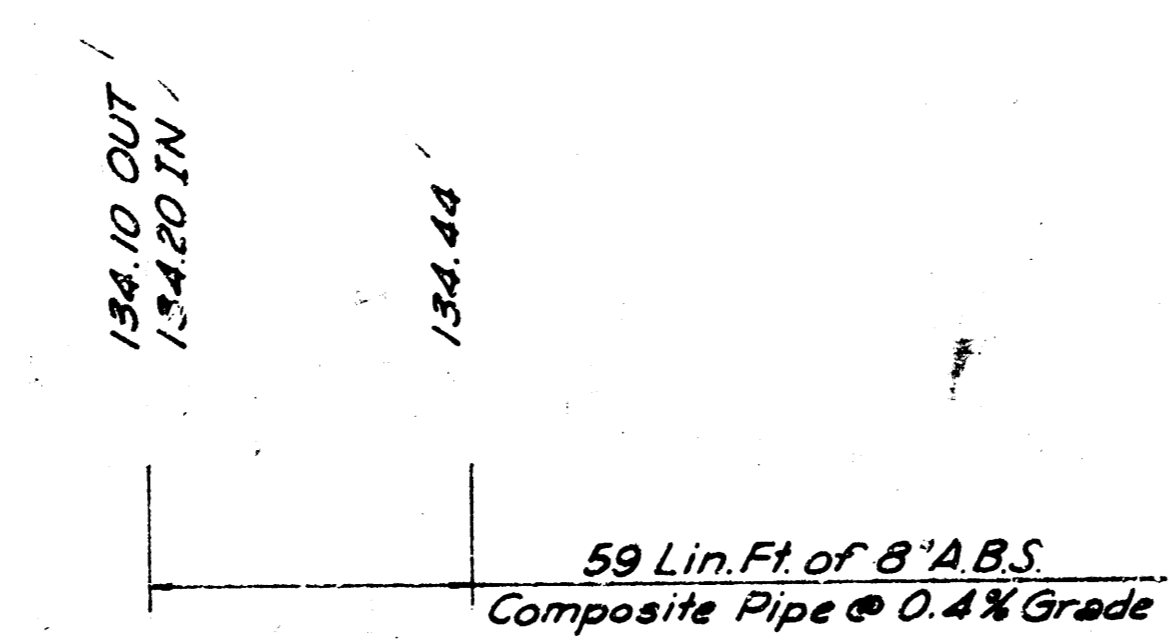
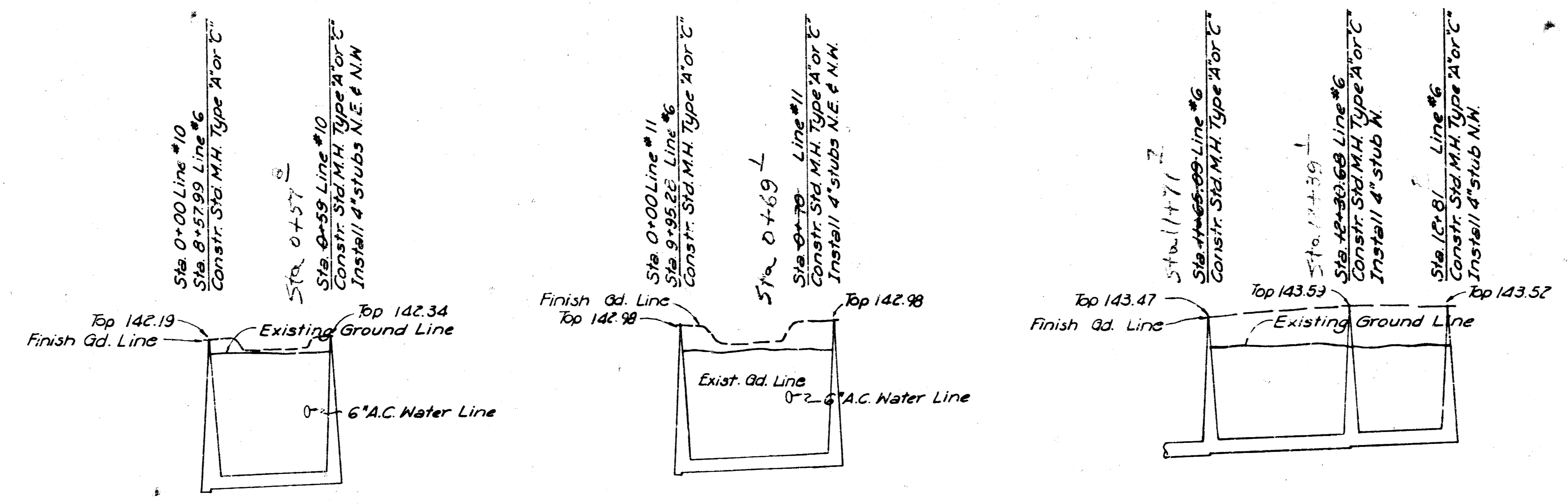


Sta. 11+65.09 Line #6
 Constr. Std. M.H. Type 'A' or 'C'
 11+57.11

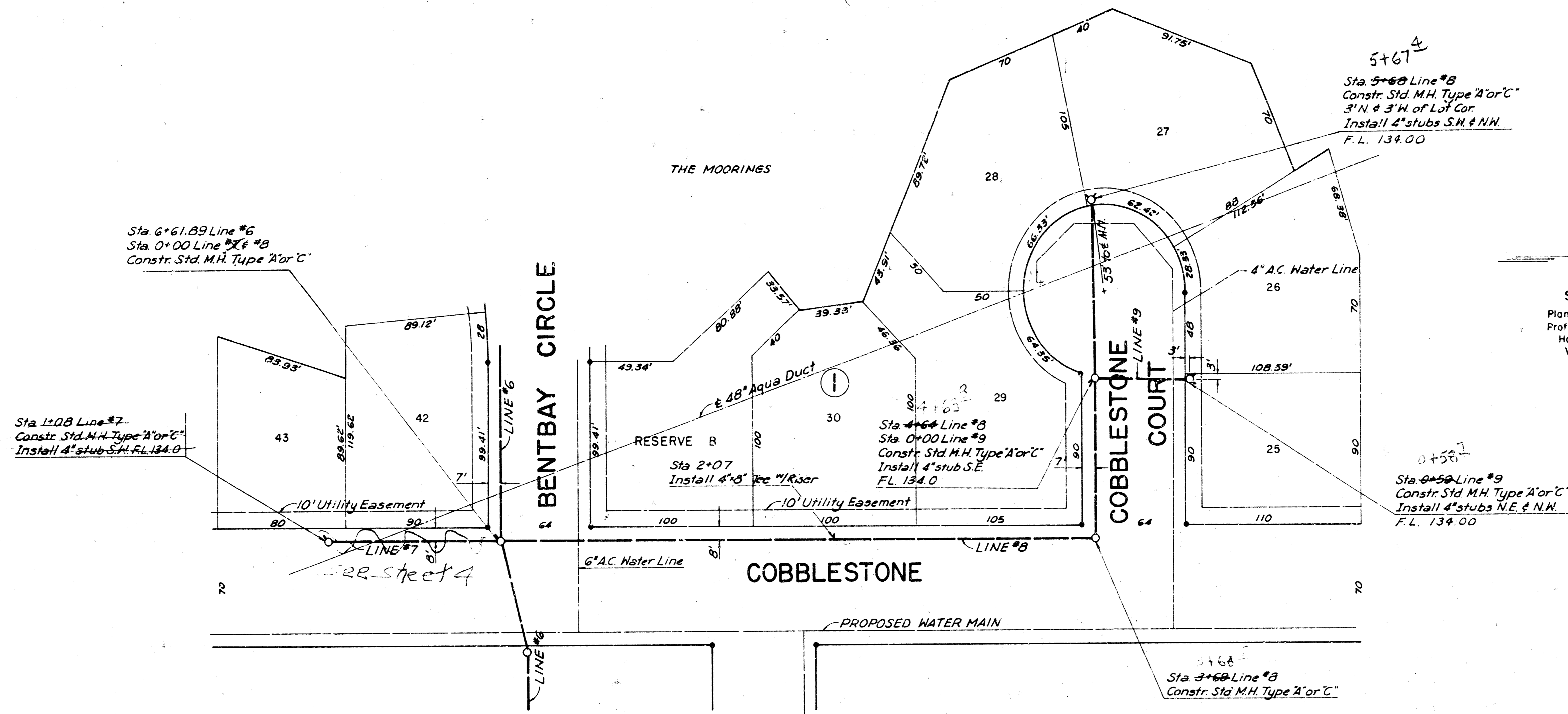
Sta. 12+30.68 Line #6
 Constr. Std. M.H. Type 'A' or 'C'
 Install 4\" stub N.W. F.L. 136.22

Sta. 12+81.12 Line #6
 Constr. Std. M.H. Type 'A' or 'C'
 Install 4\" stub N.W. F.L. 136.52

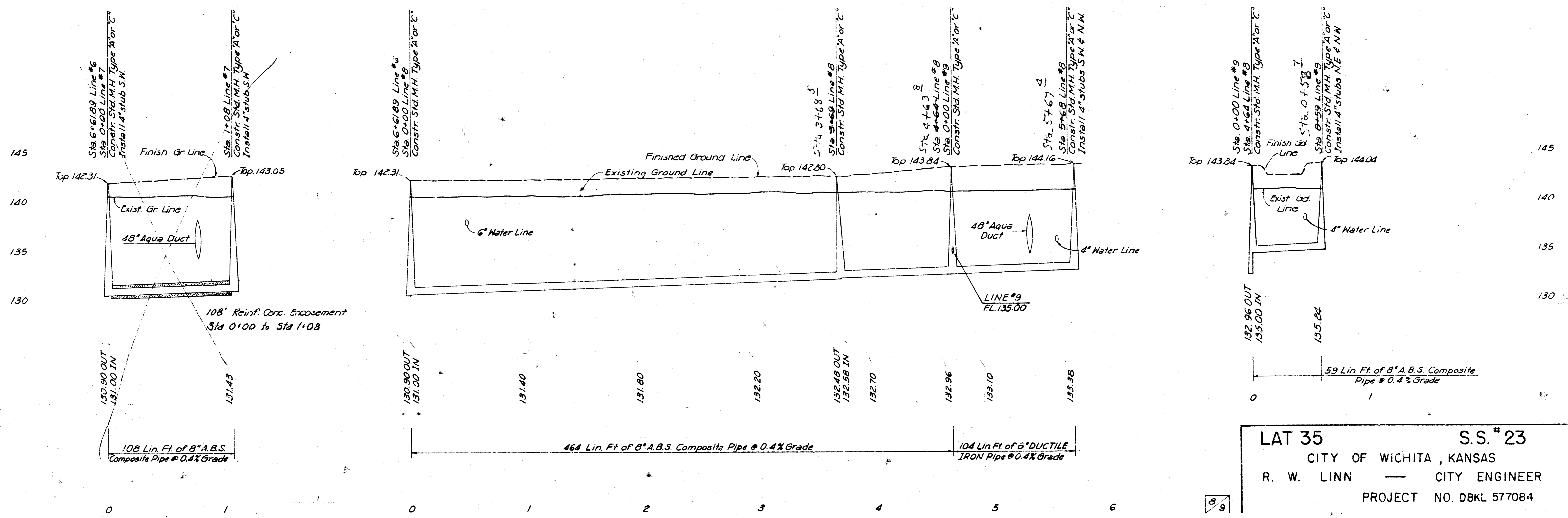
SCALE
 Plan : 1" = 40'
 Profile : 1" = 40'
 Vert. : 1" = 5'



LAT 35 S.S. # 23
 CITY OF WICHITA, KANSAS
 R. W. LINN — CITY ENGINEER
 PROJECT NO. DBKL 577084

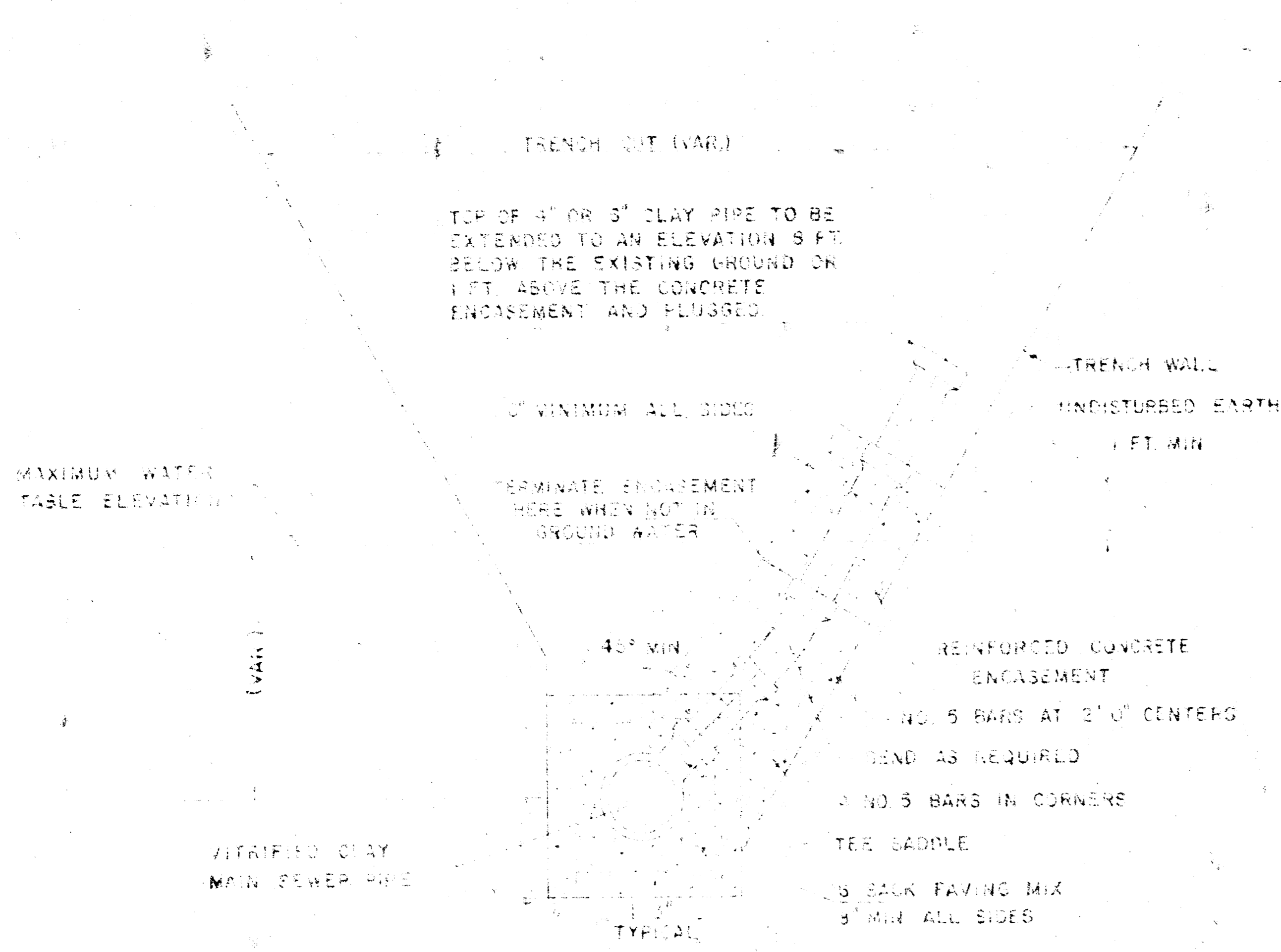


SCALE
 Plan : 1" = 40'
 Profile : 1" = 40'
 Horiz. 1" = 40'
 Vert. 1" = 5'



LAT 35 S.S. # 23
 CITY OF WICHITA, KANSAS
 R. W. LINN — CITY ENGINEER
 PROJECT NO. DBKL 577084

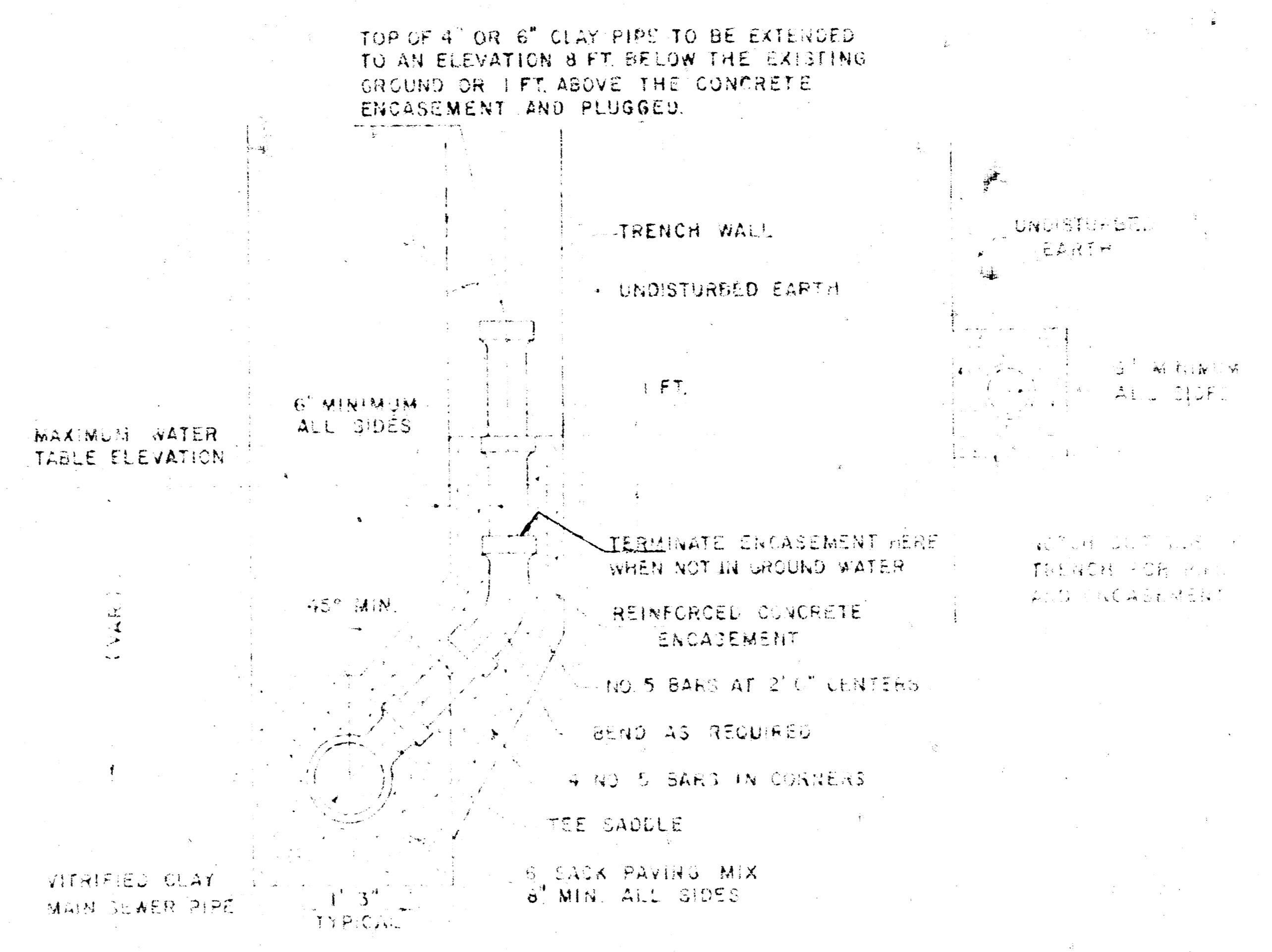
Revised 1-23-78



DETAIL FOR VERTICAL RISER
VITRIFIED CLAY PIPE
SLOPING TRENCH WALLS
(TYPICAL LEFT OR RIGHT)

GENERAL NOTES (CLAY PIPE RISER)

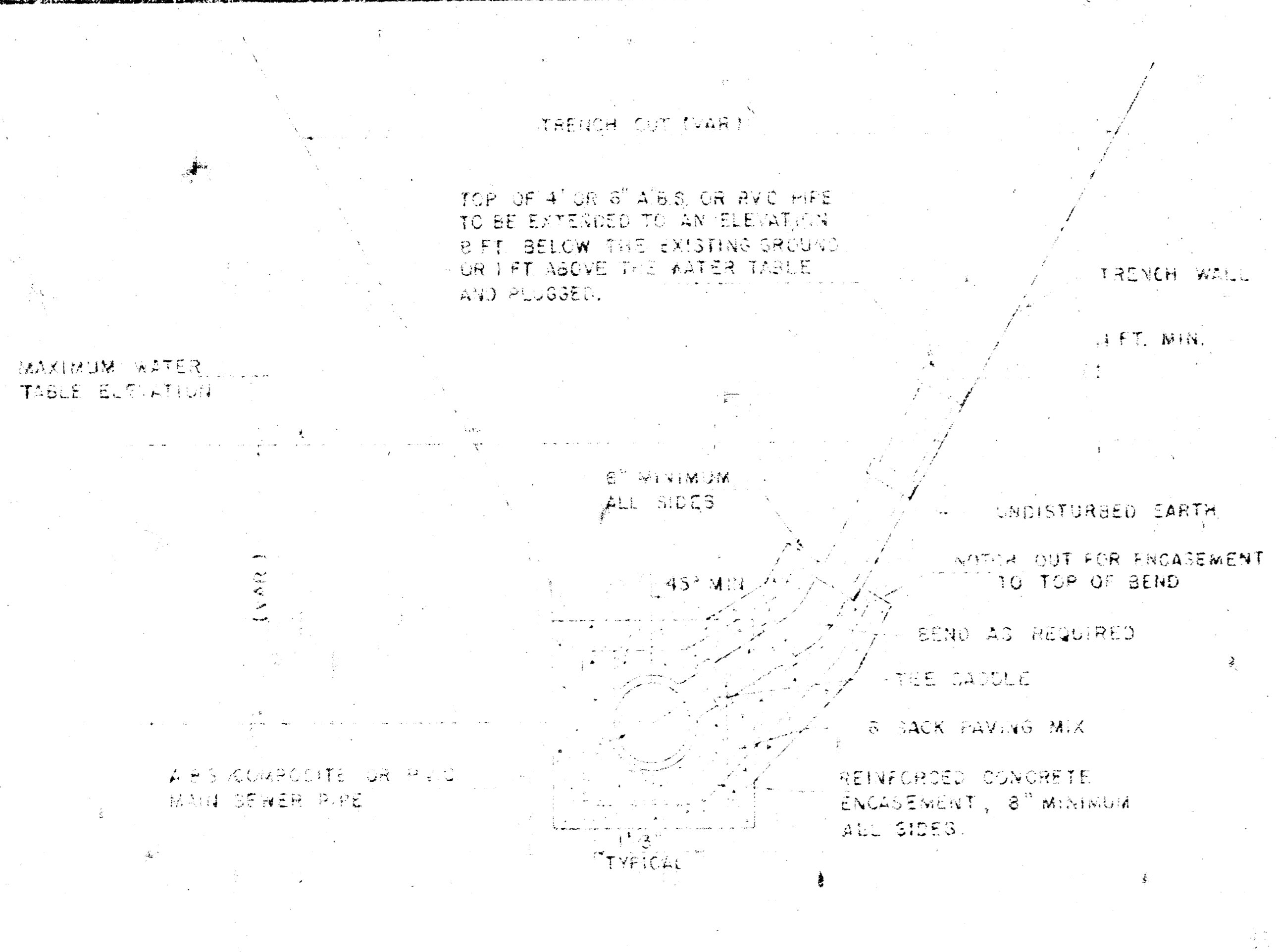
RISERS SHALL BE INSTALLED TO SERVE ALL PROPERTY WHICH IS PRESENTLY DEVELOPED WHEN THE MAIN SEWER LINE IS IN GROUND WATER OR WHEN THE MAIN SEWER LINE IS DEEPER THAN 8 FEET. RISERS SHALL BE INSTALLED TO SERVE UNDEVELOPED PROPERTY ONLY WHEN THE MAIN SEWER IS IN GROUND WATER. SIX INCH RISERS SHALL BE INSTALLED TO SERVE COMMERCIAL OR INDUSTRIAL PROPERTY AND FOUR INCH RISERS SHALL BE INSTALLED TO SERVE RESIDENTIAL PROPERTY. LOCATION OF RISERS TO SERVE DEVELOPED PROPERTY SHALL BE APPROVED BY THE PROPERTY OWNER. STUBS SHALL BE INSTALLED IN MANHOLES WHERE LOCATIONS OF MANHOLES WILL PROVIDE SATISFACTORY SERVICE CONNECTIONS AS DETERMINED BY THE FIELD ENGINEER OR AS SHOWN BY THE PLANS. ENCASEMENT OF VITRIFIED CLAY MAIN SEWER PIPE SHALL EXTEND TO THE FIRST JOINT IN THE MAIN SEWER PIPE ON EACH SIDE OF THE RISER INSTALLATION. ENCASEMENT OF 4\"/>



DETAIL FOR VERTICAL RISER
VITRIFIED CLAY PIPE
VERTICAL TRENCH WALLS
(TYPICAL LEFT OR RIGHT)

GENERAL NOTES (CLAY PIPE RISER)

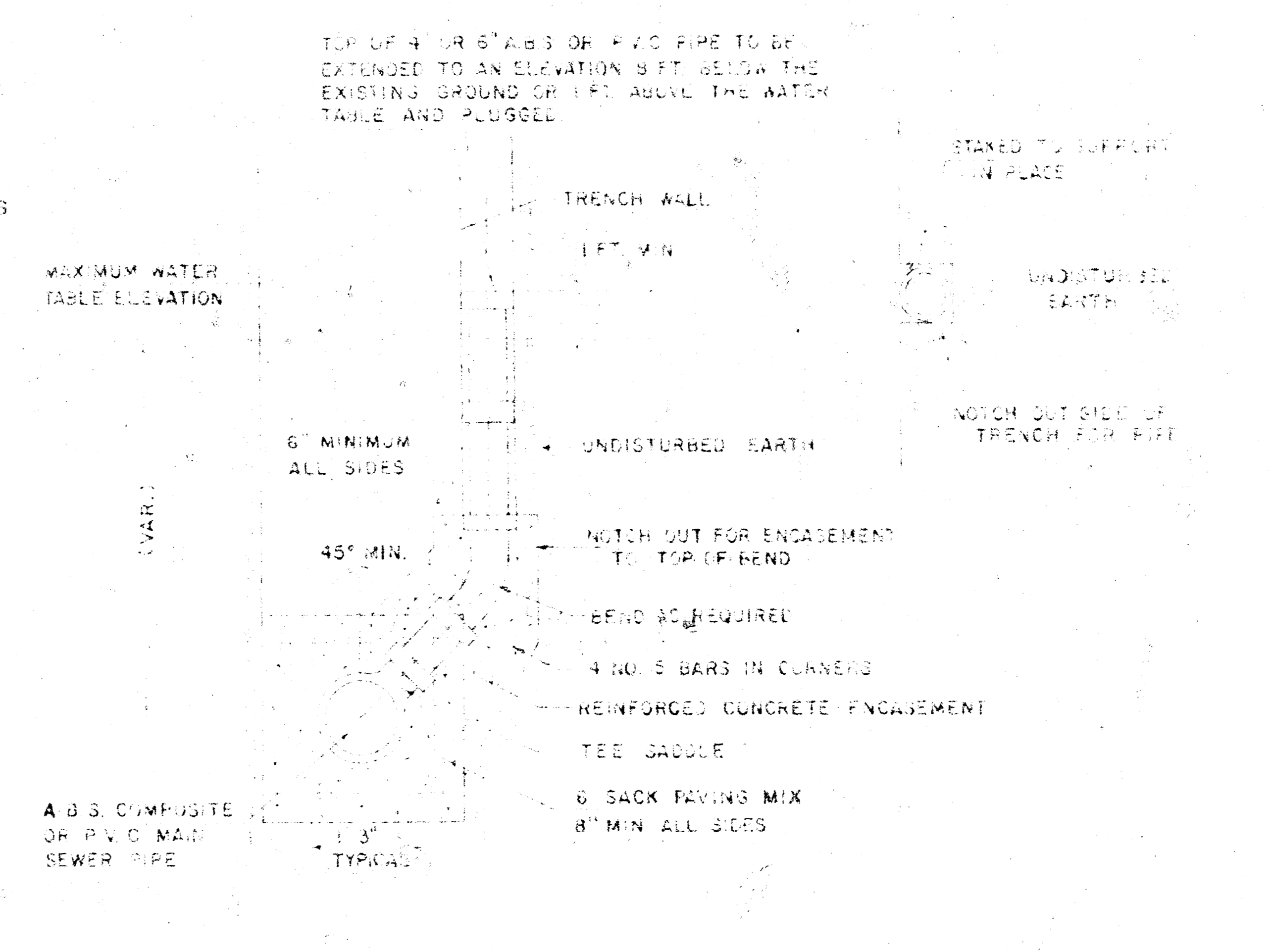
RISERS SHALL BE INSTALLED TO SERVE ALL PROPERTY WHICH IS PRESENTLY DEVELOPED WHEN THE MAIN SEWER LINE IS IN GROUND WATER OR WHEN THE MAIN SEWER LINE IS DEEPER THAN 8 FEET. RISERS SHALL BE INSTALLED TO SERVE UNDEVELOPED PROPERTY ONLY WHEN THE MAIN SEWER IS IN GROUND WATER. SIX INCH RISERS SHALL BE INSTALLED TO SERVE COMMERCIAL OR INDUSTRIAL PROPERTY AND FOUR INCH RISERS SHALL BE INSTALLED TO SERVE RESIDENTIAL PROPERTY. LOCATION OF RISERS TO SERVE DEVELOPED PROPERTY SHALL BE APPROVED BY THE PROPERTY OWNER. STUBS SHALL BE INSTALLED IN MANHOLES WHERE LOCATIONS OF MANHOLES WILL PROVIDE SATISFACTORY SERVICE CONNECTIONS AS DETERMINED BY THE FIELD ENGINEER OR AS SHOWN BY THE PLANS. ENCASEMENT OF VITRIFIED CLAY MAIN SEWER PIPE SHALL EXTEND TO THE FIRST JOINT IN THE MAIN SEWER PIPE ON EACH SIDE OF THE RISER INSTALLATION. ENCASEMENT OF 4\"/>



DETAIL FOR VERTICAL RISER
A.B.S. COMPOSITE OR P.V.C. PIPE
SLOPING TRENCH WALLS
(TYPICAL LEFT OR RIGHT)

GENERAL NOTES (A.B.S. COMPOSITE OR P.V.C. PIPE RISER)

RISERS SHALL BE INSTALLED TO SERVE ALL PROPERTY WHICH IS PRESENTLY DEVELOPED WHEN THE MAIN SEWER LINE IS IN GROUND WATER OR WHEN THE MAIN SEWER LINE IS DEEPER THAN 8 FEET. RISERS SHALL BE INSTALLED TO SERVE UNDEVELOPED PROPERTY ONLY WHEN THE MAIN SEWER IS IN GROUND WATER. SIX INCH RISERS SHALL BE INSTALLED TO SERVE COMMERCIAL OR INDUSTRIAL PROPERTY AND FOUR INCH RISERS SHALL BE INSTALLED TO SERVE RESIDENTIAL PROPERTY. LOCATION OF RISERS TO SERVE DEVELOPED PROPERTY SHALL BE APPROVED BY THE PROPERTY OWNER. STUBS SHALL BE INSTALLED IN MANHOLES WHERE LOCATIONS OF MANHOLES WILL PROVIDE SATISFACTORY SERVICE CONNECTIONS AS DETERMINED BY THE FIELD ENGINEER OR AS SHOWN BY THE PLANS. ENCASEMENT OF A B.S. COMPOSITE OR P.V.C. MAIN SEWER PIPE SHALL EXTEND A MINIMUM OF 3 FEET ON BOTH SIDES OF THE CENTERLINE OF THE RISER. FOUR INCH OR SIX INCH RISER PIPE SHALL BE ENCASED TO THE TOP OF THE BEND AS INDICATED IN THE DRAWINGS. FURNISHING AND INSTALLING RISERS SHALL BE PAID FOR AT THE UNIT PRICES BID FOR 4\"/>



DETAIL FOR VERTICAL RISER
A.B.S. COMPOSITE OR P.V.C. PIPE
VERTICAL TRENCH WALLS
(TYPICAL LEFT OR RIGHT)

GENERAL NOTES (A.B.S. COMPOSITE OR P.V.C. PIPE RISER)

RISERS SHALL BE INSTALLED TO SERVE ALL PROPERTY WHICH IS PRESENTLY DEVELOPED WHEN THE MAIN SEWER LINE IS IN GROUND WATER OR WHEN THE MAIN SEWER LINE IS DEEPER THAN 8 FEET. RISERS SHALL BE INSTALLED TO SERVE UNDEVELOPED PROPERTY ONLY WHEN THE MAIN SEWER IS IN GROUND WATER. SIX INCH RISERS SHALL BE INSTALLED TO SERVE COMMERCIAL OR INDUSTRIAL PROPERTY AND FOUR INCH RISERS SHALL BE INSTALLED TO SERVE RESIDENTIAL PROPERTY. LOCATION OF RISERS TO SERVE DEVELOPED PROPERTY SHALL BE APPROVED BY THE PROPERTY OWNER. STUBS SHALL BE INSTALLED IN MANHOLES WHERE LOCATIONS OF MANHOLES WILL PROVIDE SATISFACTORY SERVICE CONNECTIONS AS DETERMINED BY THE FIELD ENGINEER OR AS SHOWN BY THE PLANS. ENCASEMENT OF A B.S. COMPOSITE OR P.V.C. MAIN SEWER PIPE SHALL EXTEND A MINIMUM OF 3 FEET ON BOTH SIDES OF THE CENTERLINE OF THE RISER. FOUR INCH OR SIX INCH RISER PIPE SHALL BE ENCASED TO THE TOP OF THE BEND AS INDICATED IN THE DRAWINGS. FURNISHING AND INSTALLING RISERS SHALL BE PAID FOR AT THE UNIT PRICES BID FOR 4\"/>

PROJ. NO. DBKL 577084

VERTICAL RISER DETAIL
ADOPTED AS STANDARD DETAIL
BY
ENGINEERING DIVISION
CITY OF MOBILE, ALABAMA
R. W. LINN, CIVIL ENGINEER
1977

