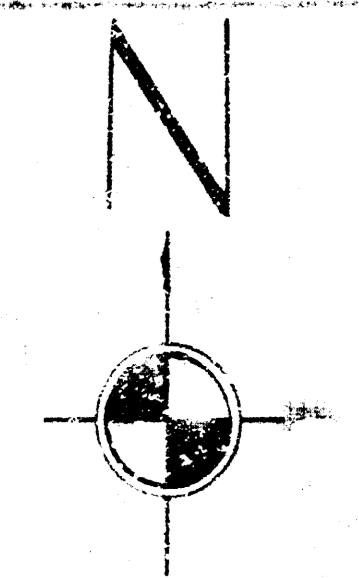
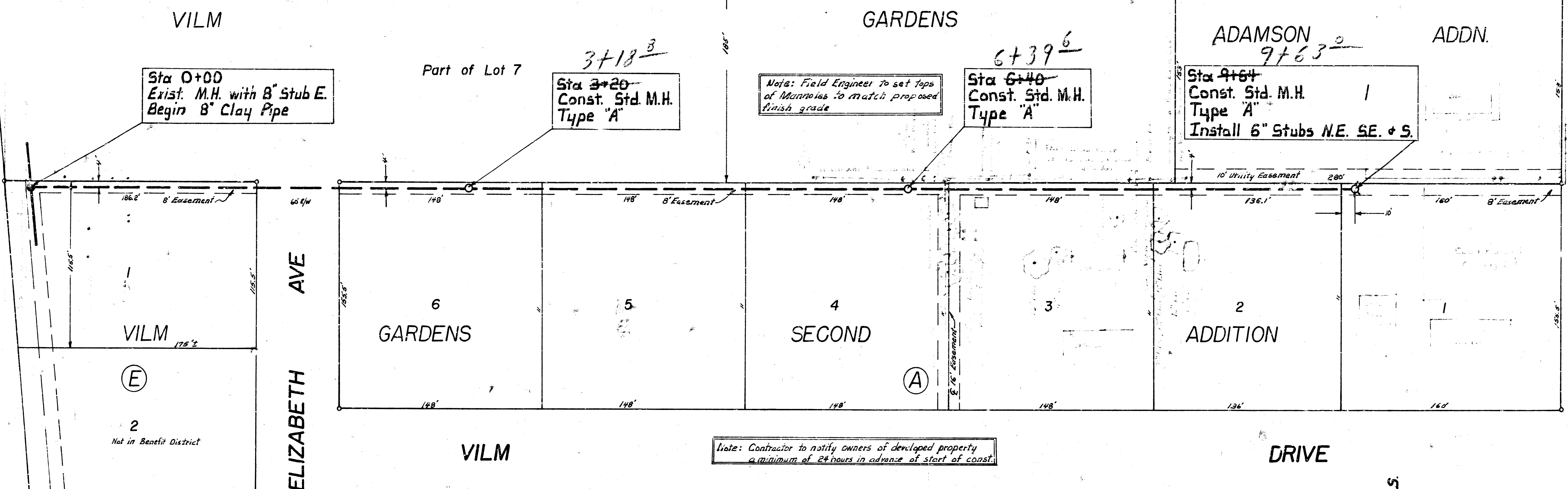


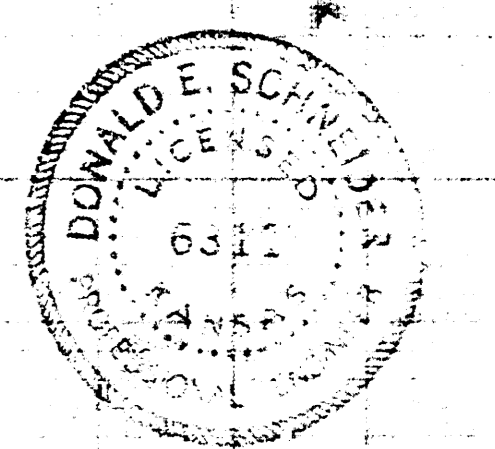
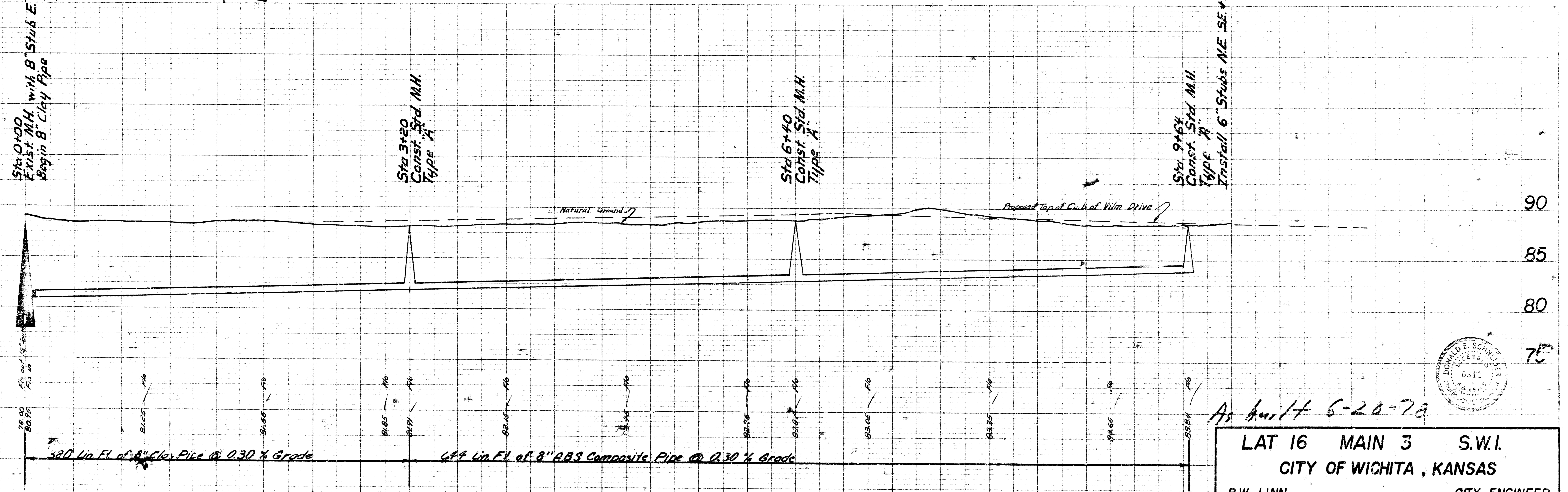
- 88.01 City Sid. Disc. 48' E. & 42.8' S. of C of Seneca & 43RD St. South.
- 90.05 " " Chisel Mark in the SW. corner of conc. sidewalk around Neal's Burger Bar at 4323 S. Seneca
- 91.07 " " Chisel Mark in conc. sidewalk Approx. 23' ft. E. of the NE. cor. bldg. no. 11 of SouthLake Village Apt.
- 90.37 " " Chisel Mark in SE. cor. of sidewalk East of Bldg. 12 SouthLake Village Apt.
- 87.72 " " Chisel Mark at East end Curb return on SE. corner of Int. of Elizabeth Ave. & 44th St.
- 88.81 " " Chisel Mark in the NE. corner of Conc. slab at 4400 S. Dodge.



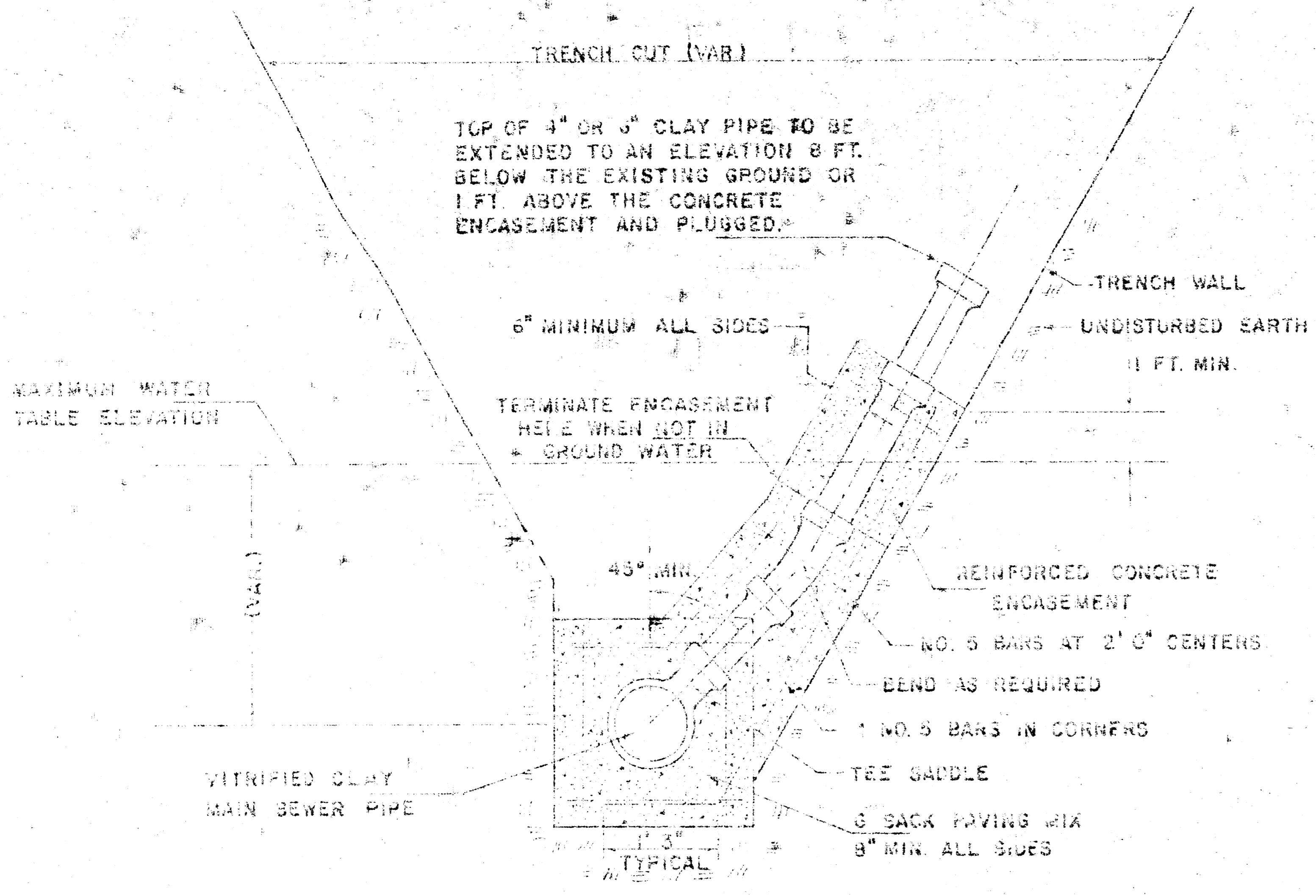
Plan Scale 1" = 40'
 Profile Scale 1" = 40' Hor
 1" = 5' Vert



List: Contractor to notify owners of developed property a minimum of 24 hours in advance of start of const.



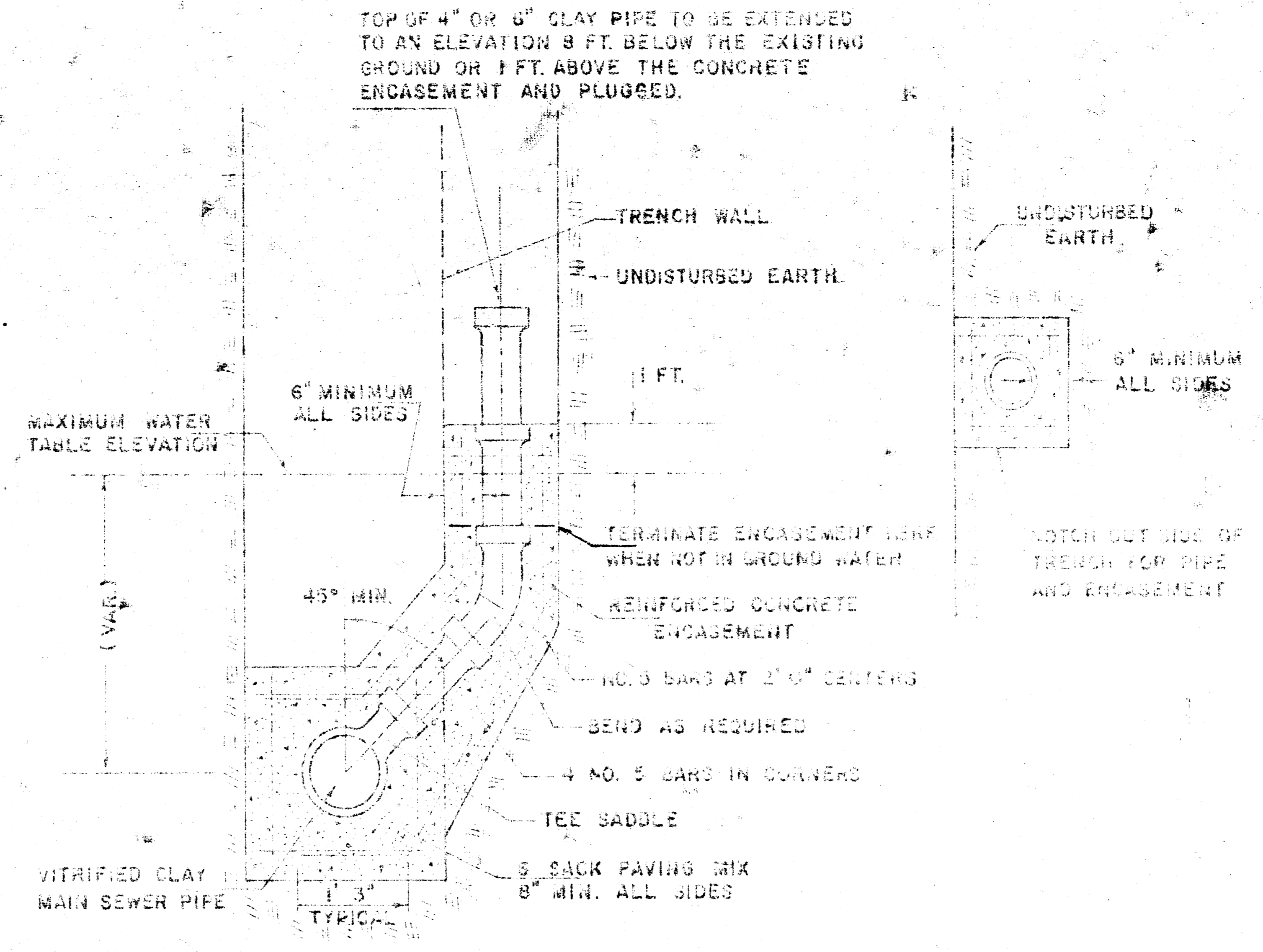
As built 6-20-78
 LAT 16 MAIN 3 S.W.I.
 CITY OF WICHITA, KANSAS
 R.W. LINN CITY ENGINEER



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

GENERAL NOTES (CLAY PIPE RISER)

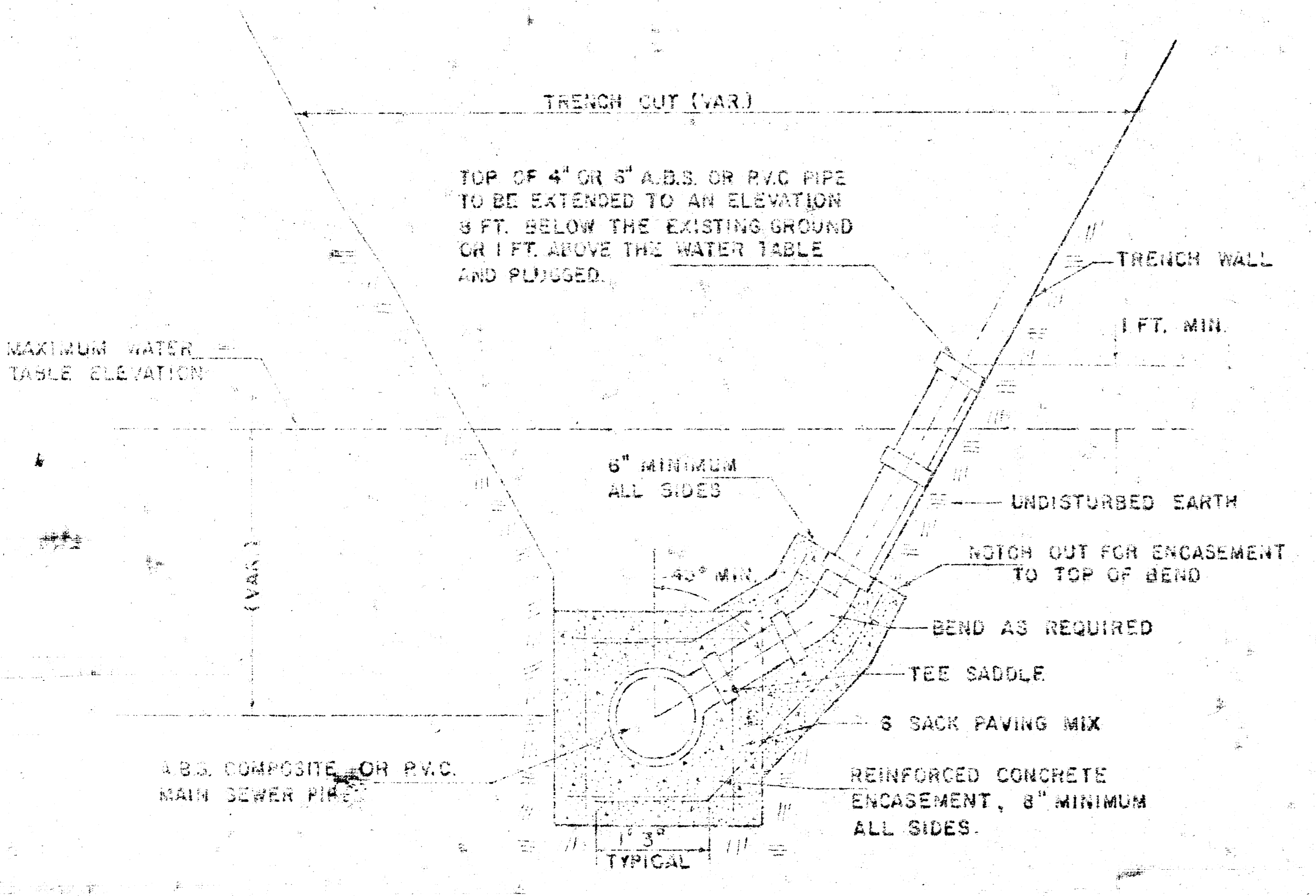
RISERS SHALL BE INSTALLED TO SERVE ALL PROPERTY WHICH IS PRESENTLY DEVELOPED WHEN THE MAIN SEWER LINE IS IN GROUND WATER OR WHEN THE MAIN SEWER LINE IS DEEPER THAN 8 FEET. RISERS SHALL BE INSTALLED TO SERVE UNDEVELOPED PROPERTY ONLY WHEN THE MAIN SEWER IS IN GROUND WATER. SIX INCH RISERS SHALL BE INSTALLED 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. ENCASUREMENT OF VITRIFIED CLAY MAIN SEWER PIPE SHALL EXTEND TO THE FIRST JOINT IN THE MAIN SEWER PIPE ON EACH SIDE OF THE RISER INSTALLATION. ENCASUREMENT OF 4\"/>



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

GENERAL NOTES (CLAY PIPE RISER) (CONTINUED)

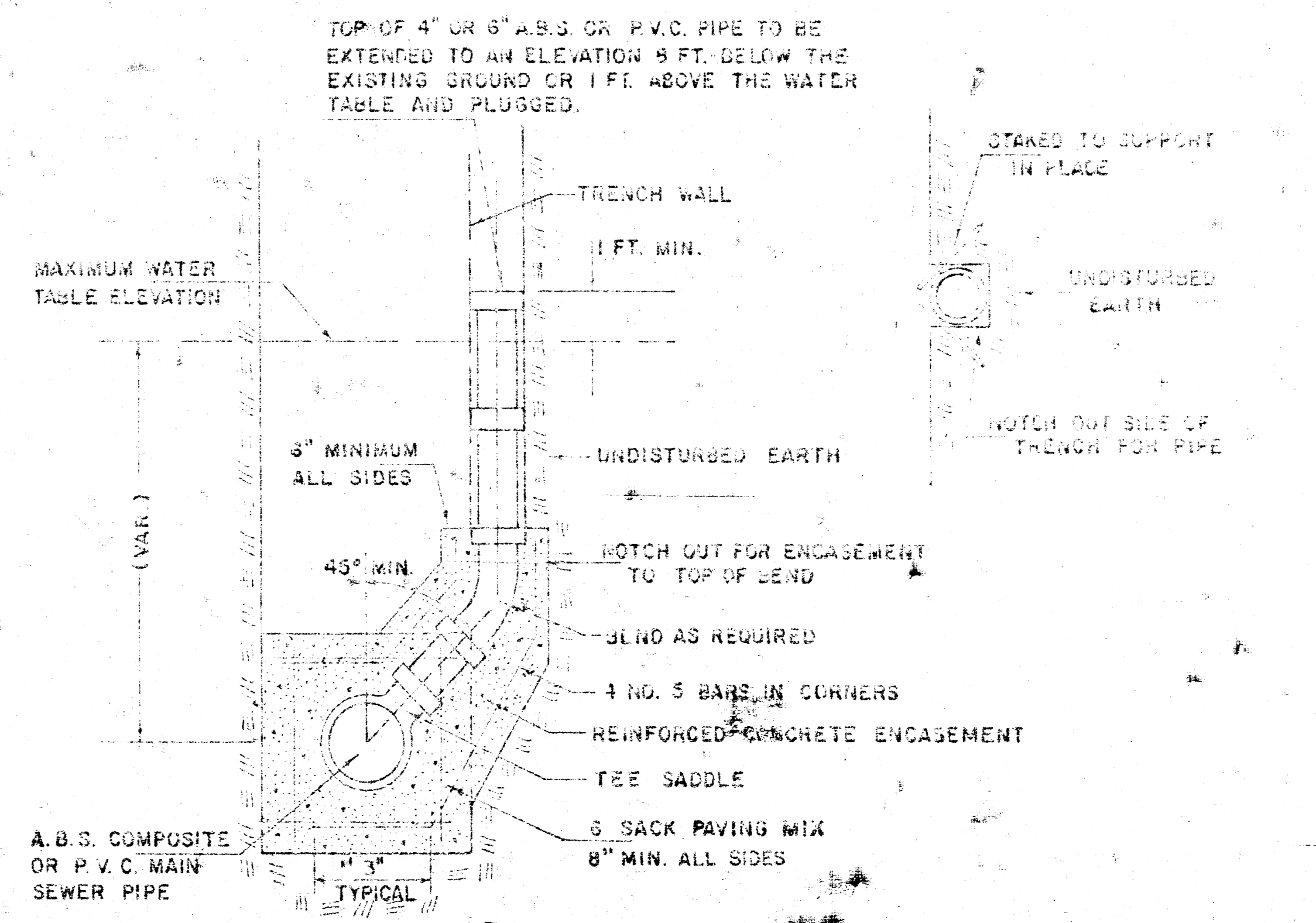
FURNISHING AND INSTALLING RISERS SHALL BE PAID FOR AT THE UNIT PRICES BID FOR 4\"/>



DETAIL FOR VERTICAL RISER
A.B.S. COMPOSITE OR P.V.C. PIPE
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. ENCASUREMENT 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) (CONTINUED)

CONCRETE ENCASUREMENT OF A.B.S. OR P.V.C. RISER PIPE TO THE TOP OF THE BEND AS SHOWN BY THE DRAWINGS WILL NOT BE PAID FOR DIRECTLY AND THE COST OF THIS WORK SHALL BE CONSIDERED AS INCIDENTAL TO THE OTHER ITEMS OF THE PROJECT. INSPECTOR SHALL KEEP RECORD OF ELEVATION OF RISERS INSTALLED, THE DIRECTION OF BEND, THE ELEVATION OF THE TOP OF THE RISER, AND THE PAY QUANTITIES INVOLVED. CONTRACTOR'S METHOD FOR SUPPORTING AND BACKFILLING RISER PIPE SHALL BE APPROVED BY THE ENGINEER. THE ENDS OF RISER PIPE SHALL BE CAPPED OR PLUGGED USING FITTINGS FURNISHED BY THE MANUFACTURER OF THE RISER PIPE.

VERTICAL RISER DETAILS
ADOPTED AS STANDARD DESIGN
BY
ENGINEERING DIVISION
CITY OF WICHITA, KANSAS