

B.M. 88.01 City Std. Disc 48 ft. East and 42.8 ft. South of \dot{C} of Seneca and 43rd St. South.
 B.M. 90.05 "D" Chisel mark in the Southwest corner of concrete sidewalk around Neals Burger Bar at 4323 South Seneca.
 B.M. 91.07 "D" Chisel mark in concrete sidewalk approximately 23 ft. East of the Northeast corner of building #11 of Southlake Village Apartments at 4141 South Seneca.

Note: Field Engineer to set tops of Manholes to match proposed finish grade.

Sta 0+100 Line 1
 Begin Const. Line 1
 at Existing 8" Stub
 on Existing Manhole

Sta 2+95.8
 Line 1
 Const. Std. MH
 Type 'A'

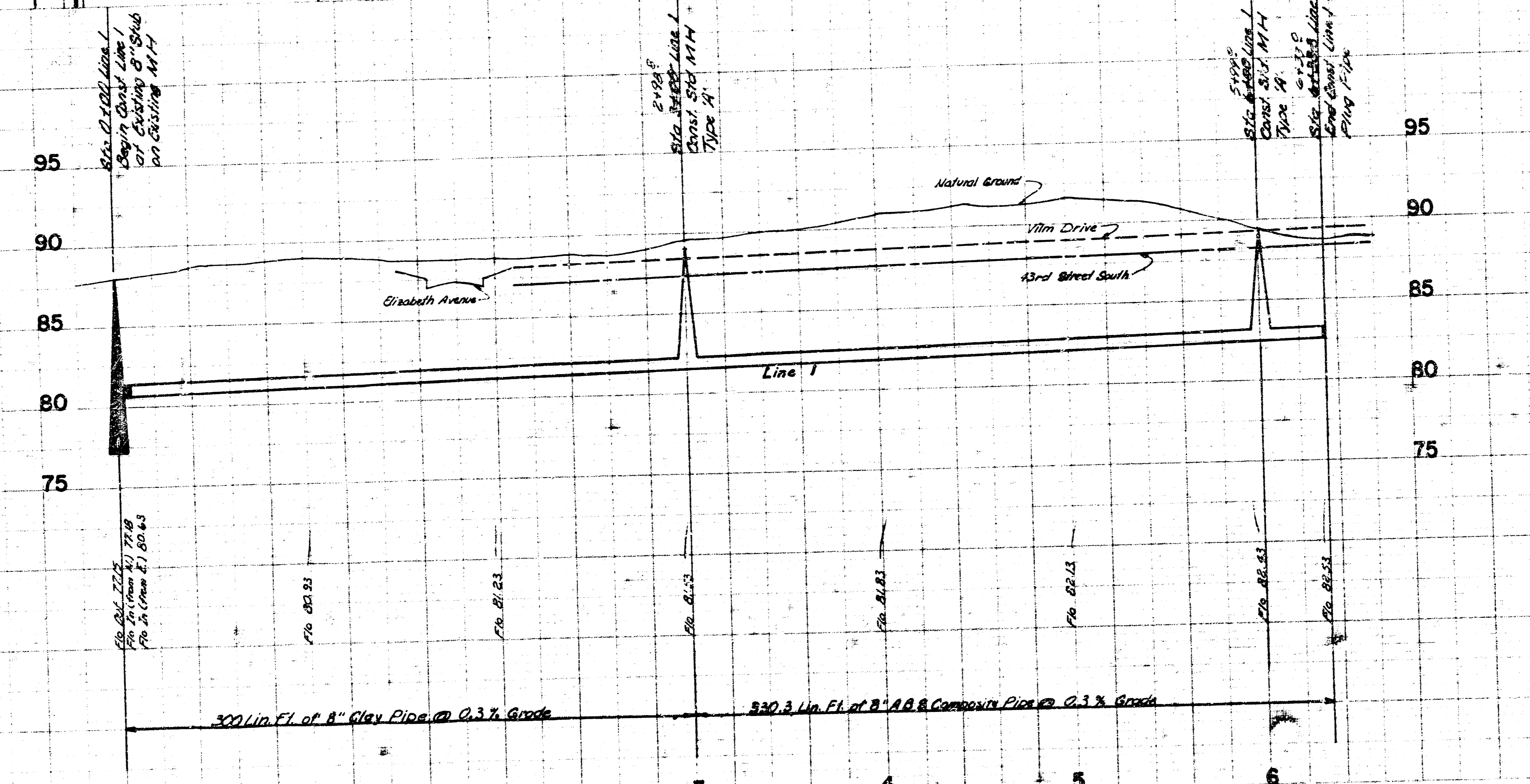
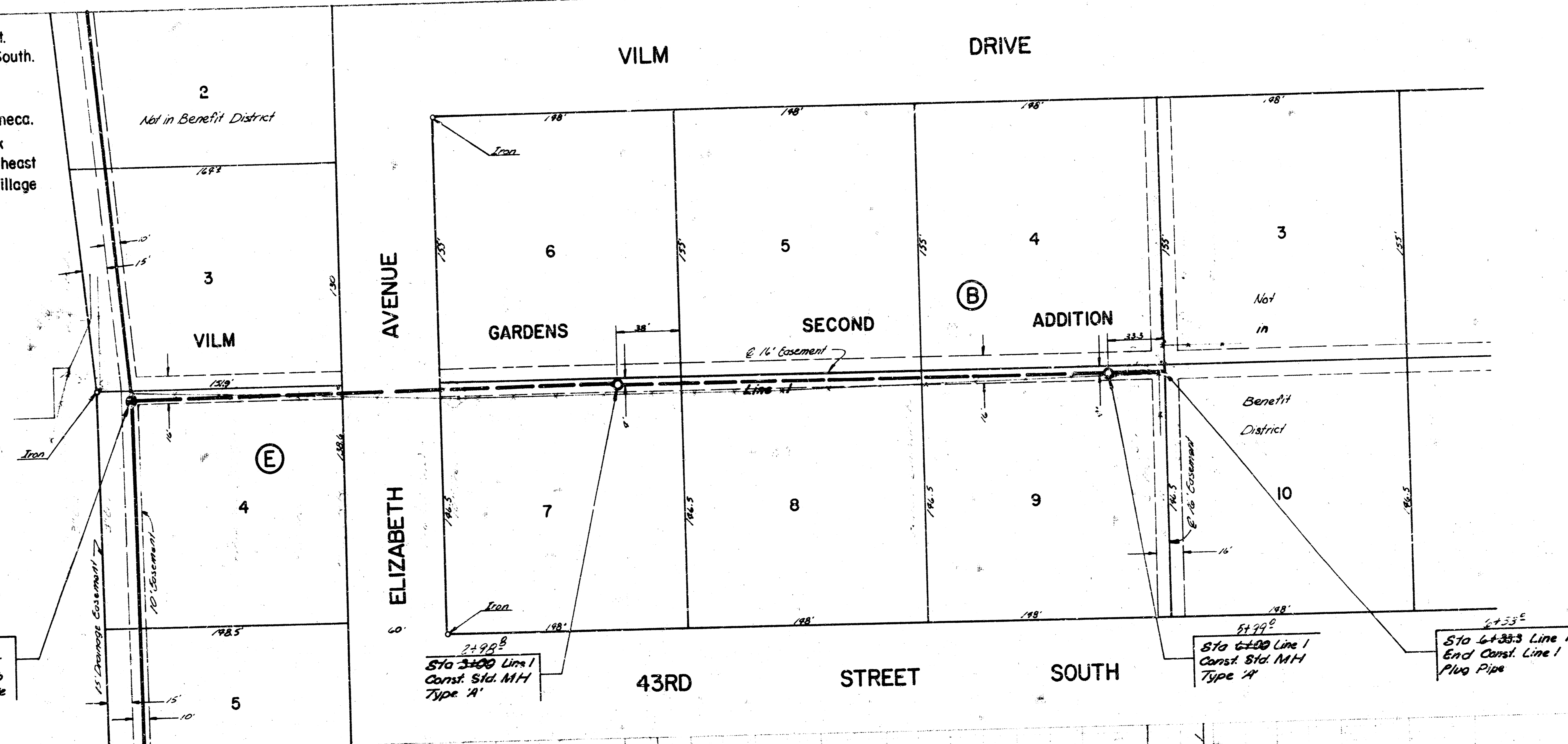
Sta 6+200 Line 1
 Const. Std. MH
 Type 'A'

Sta 6+35.3 Line 1
 End Const. Line 1
 Plug Pipe

Plan Scale : 1" = 40'
 Profile Scale: 1" = 40' Horz.
 1" = 5' Vert.

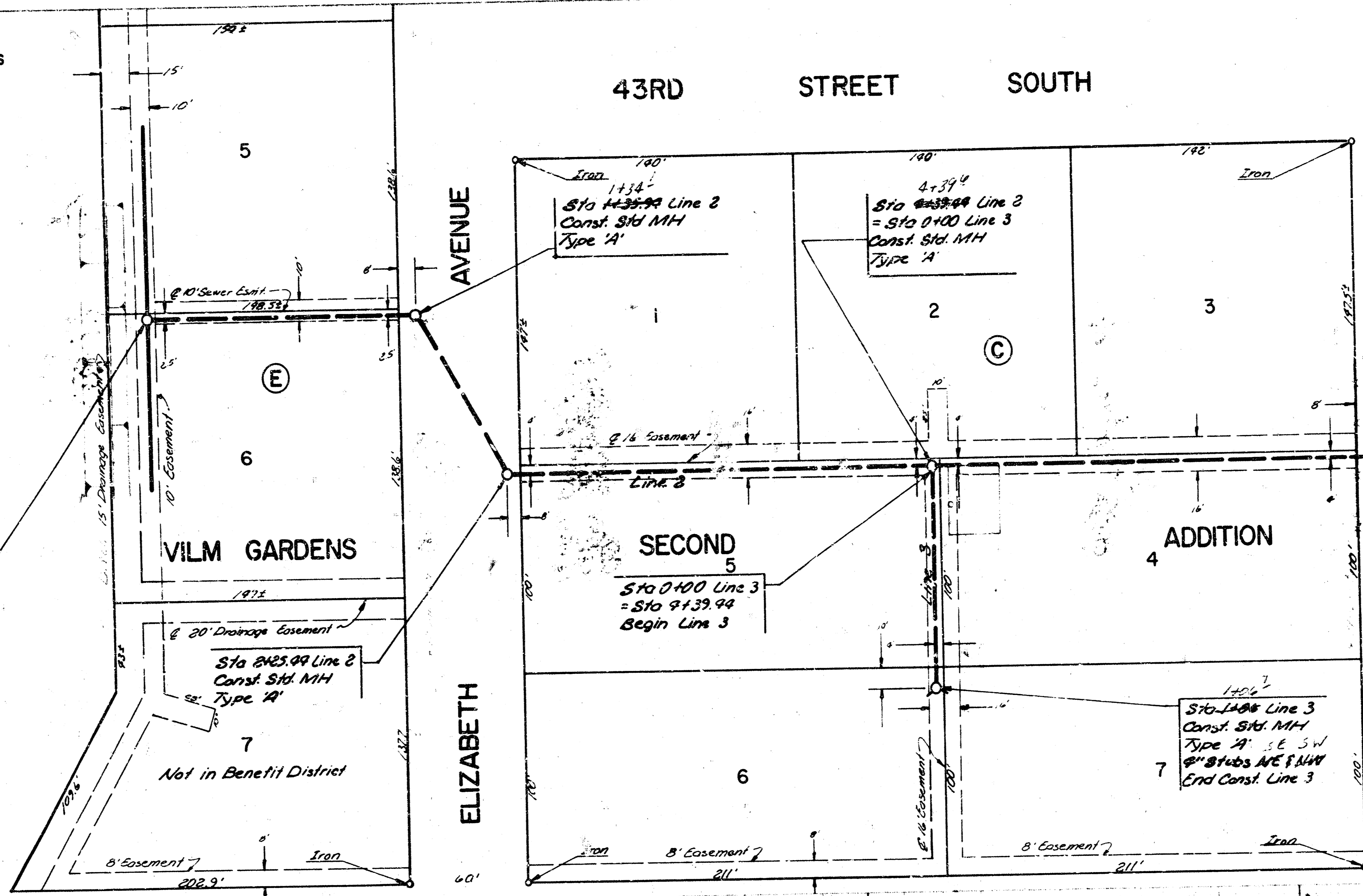
PLAN
 NORTH BOUNDARY
 SOUTH BOUNDARY
 EAST BOUNDARY
 WEST BOUNDARY
 DATE: 7/30/78
 DRAWN BY: [Signature]

PROFILE
 NORTH BOUNDARY
 SOUTH BOUNDARY
 EAST BOUNDARY
 WEST BOUNDARY
 DATE: 7/30/78
 DRAWN BY: [Signature]



LAT 18 MAIN 3 SWI
 CITY OF WICHITA, KANSAS
 R.W. LINN CITY ENGINEER
 DATE: March, 1978 PROJECT NUMBER: DBKL576033

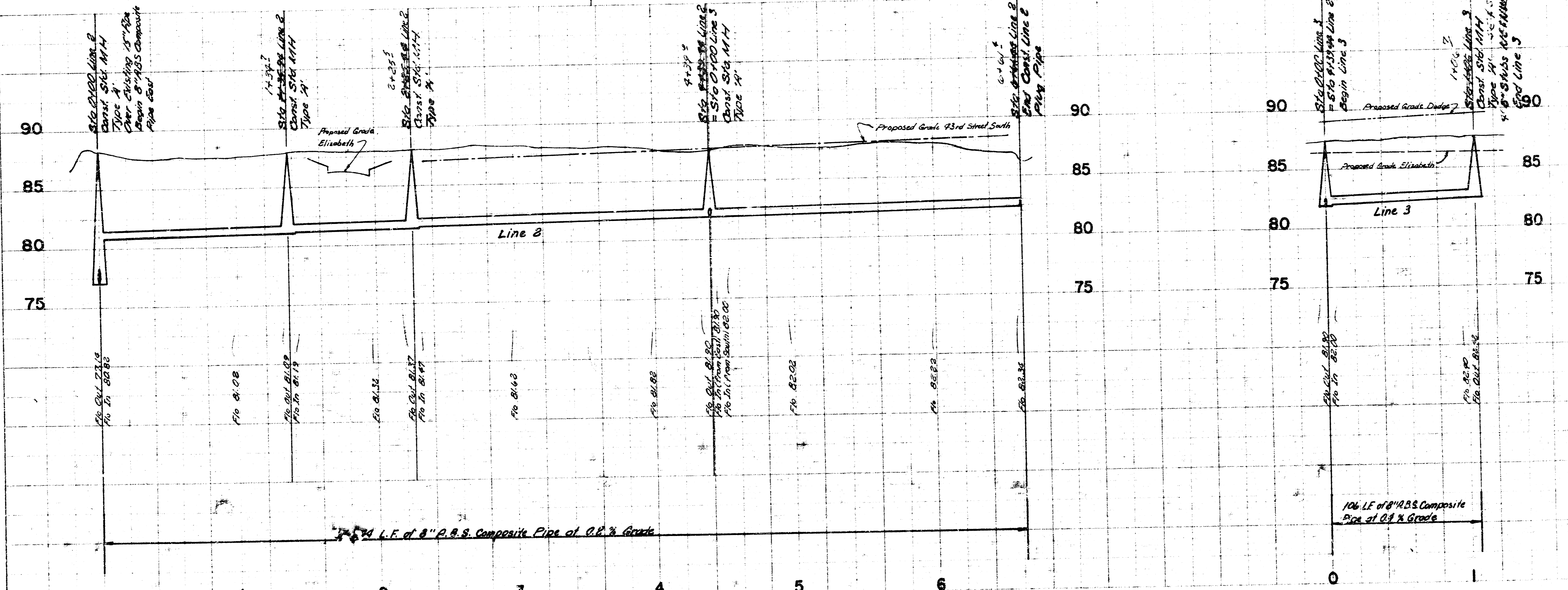
- B.M. 90.37 "Π" Chisel mark in the Southeast corner of sidewalk East of building #12 of Southick Village Apartments at 4141 South Seneca.
- B.M. 87.72 "□" Chisel mark at East end of curb return on the Southeast corner of the intersection of Elizabeth Avenue and 44th Street South.
- B.M. 88.81 "L" Chisel mark in the Northeast corner of concrete slab at 4400 South Dodge.



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

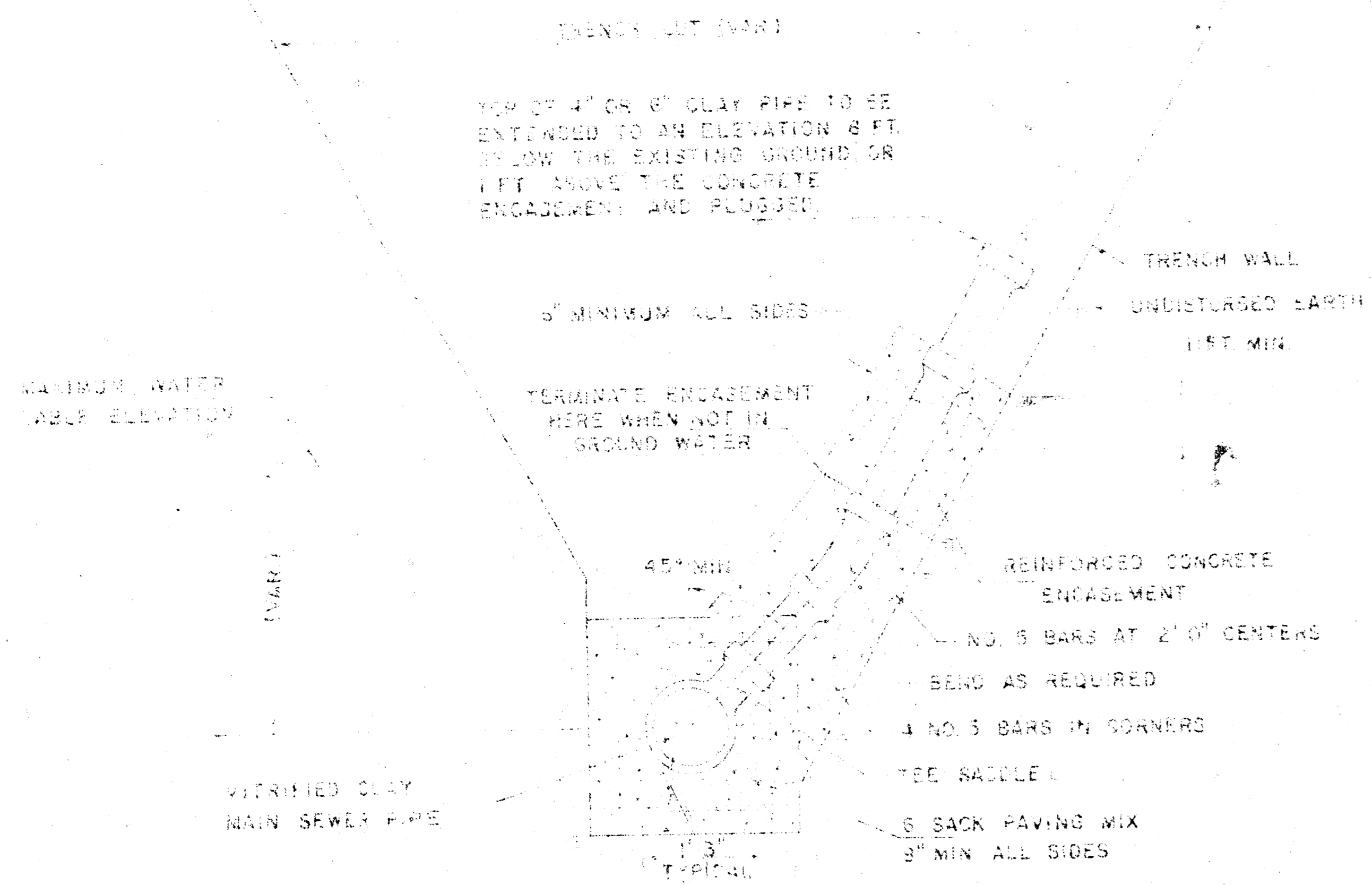
PLAN
 DATE: 10/1/01
 DRAWN BY: [illegible]
 CHECKED BY: [illegible]

PROFILE
 DATE: 10/1/01
 DRAWN BY: [illegible]
 CHECKED BY: [illegible]



10% LE of 8" P.S.S. Composite Pipe at 0.2% Grade

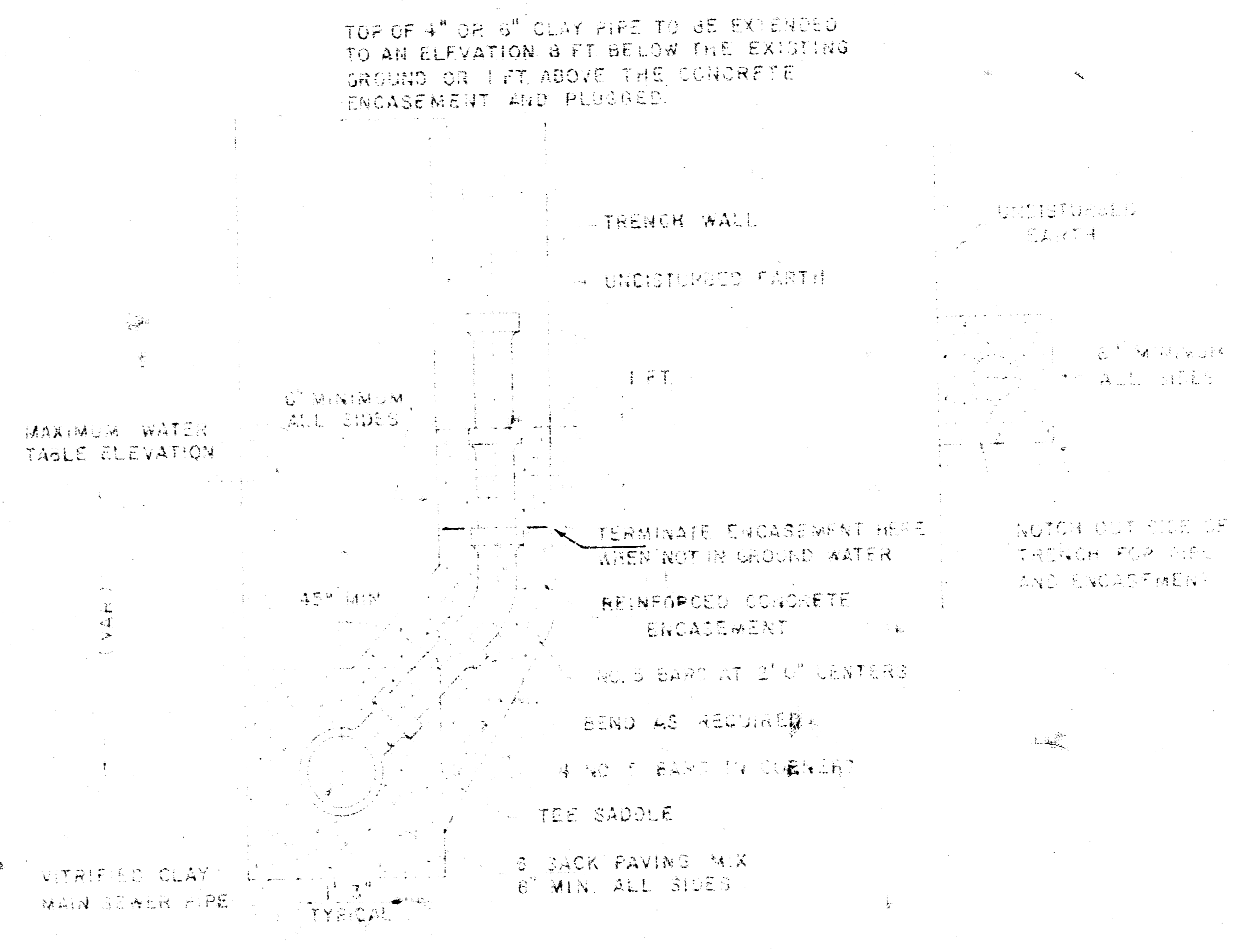
10% LE of 8" P.S.S. Composite Pipe at 0.2% Grade



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

GENERAL NOTES (CLAY PIPE RISER)

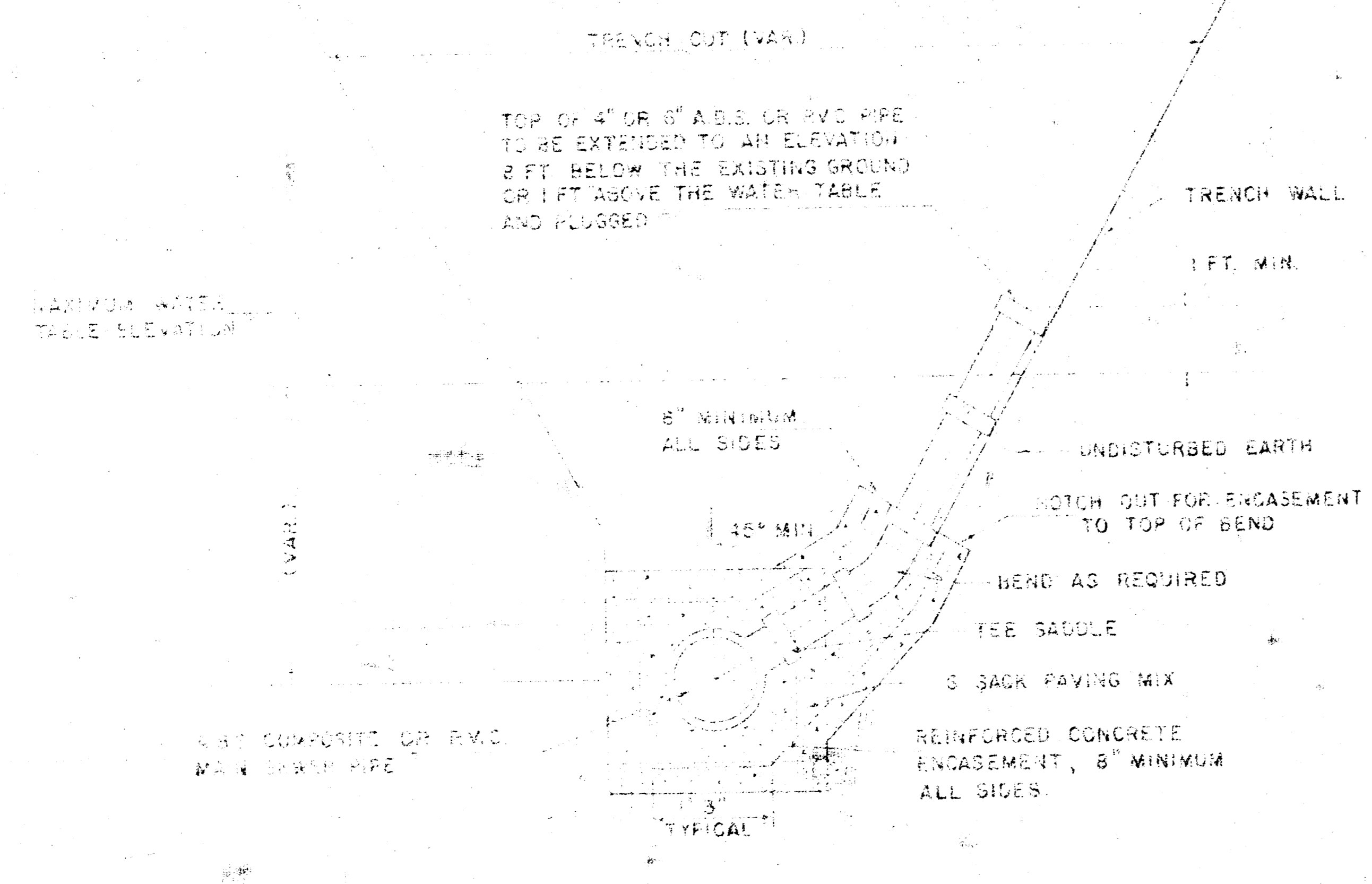
RISERS SHALL BE INSTALLED TO SERVE ALL PROPERTY WHICH IS PRESENTLY DEVELOPED WHEN THE MAIN SEWER LINE IS IN GROUND WATER OR WHEN THE MAIN SEWER LINE IS DEEPER THAN 3 FEET. RISERS SHALL BE INSTALLED TO SERVE UNDEVELOPED PROPERTY ONLY WHEN THE MAIN SEWER IS IN GROUND WATER. SIX INCH RISERS SHALL BE INSTALLED 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" OR 6" VITRIFIED CLAY RISER PIPE SHALL EXTEND TO THE FIRST JOINT WHICH IS 1 FOOT OR MORE ABOVE THE MAXIMUM WATER TABLE ELEVATION.



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

GENERAL NOTES (CLAY PIPE RISER)

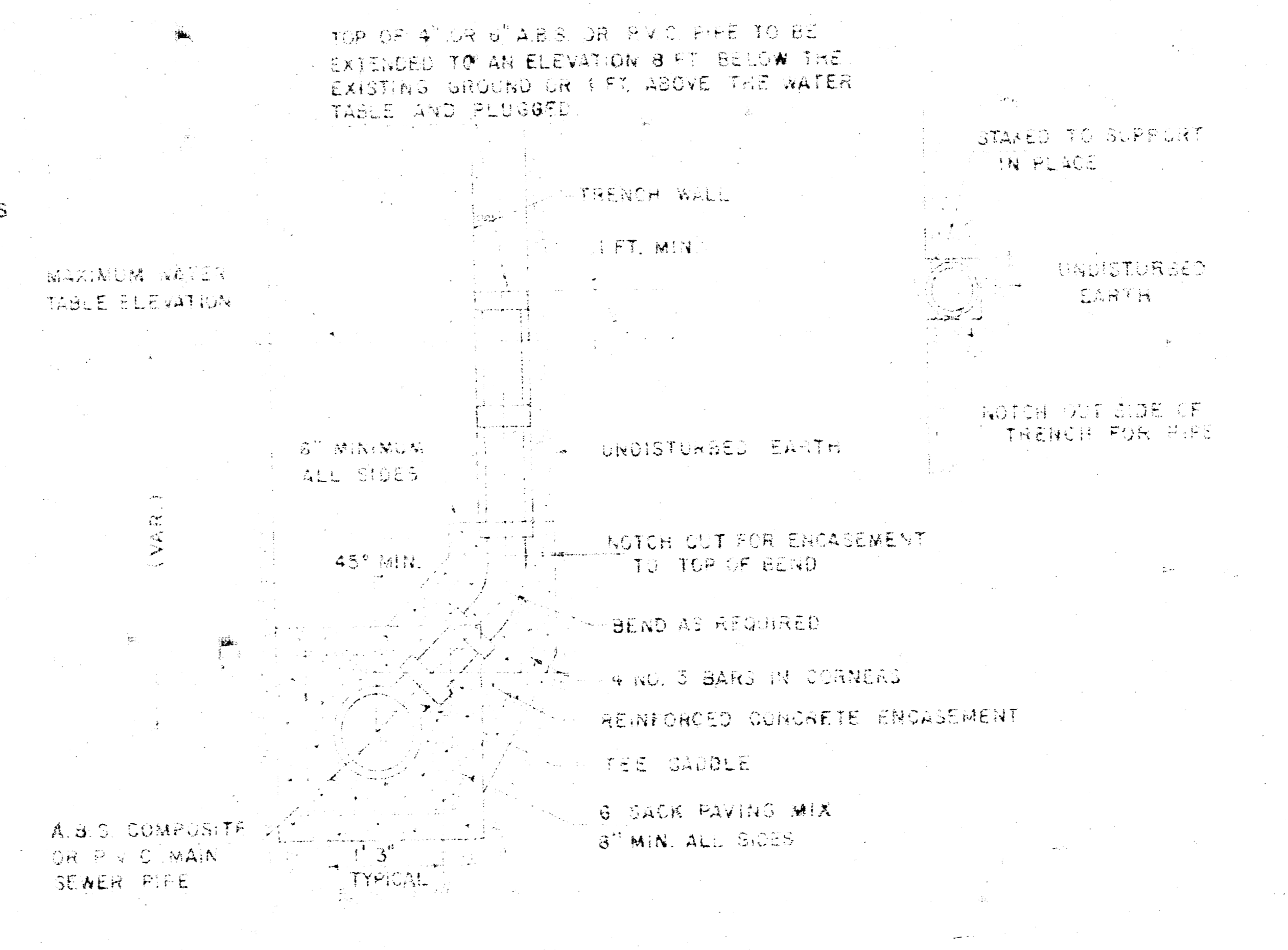
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DETAIL FOR VERTICAL RISER
A.B.S. COMPOSITE OR P.V.C. PIPE
SLOPING TRENCH WALLS
(TYPICAL LEFT OR RIGHT)

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 3 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 TO THE FIRST JOINT IN THE MAIN SEWER PIPE ON EACH SIDE OF THE RISER INSTALLATION. ENCASUREMENT OF 4" OR 6" A.B.S. COMPOSITE OR P.V.C. 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" PIPE, 6" PIPE, AND REINFORCED CONCRETE ENCASUREMENT FOR THE VARIOUS MAIN SEWER PIPE SIZES INDICATED WHICH PRICE SHALL INCLUDE ALL COSTS FOR COMPLETION OF THIS ITEM INCLUDING TEE SADDLE, TAPPING FEE, FITTINGS AND ALL OTHER NECESSARY MATERIALS OR WORK.



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 3 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 TO THE FIRST JOINT IN THE MAIN SEWER PIPE ON EACH SIDE OF THE RISER INSTALLATION. ENCASUREMENT OF 4" OR 6" A.B.S. COMPOSITE OR P.V.C. 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" PIPE, 6" PIPE, AND REINFORCED CONCRETE ENCASUREMENT FOR THE VARIOUS MAIN SEWER PIPE SIZES INDICATED WHICH PRICE SHALL INCLUDE ALL COSTS FOR COMPLETION OF THIS ITEM INCLUDING TEE SADDLE, TAPPING FEE, FITTINGS AND ALL OTHER NECESSARY MATERIALS OR WORK.

VERTICAL RISER DETAIL
ADOPTED AS STANDARD DESIGN
ENGINEERING DIVISION
CITY OF WASHINGTON, D.C.
D. W. LERN CITY ENGINEER