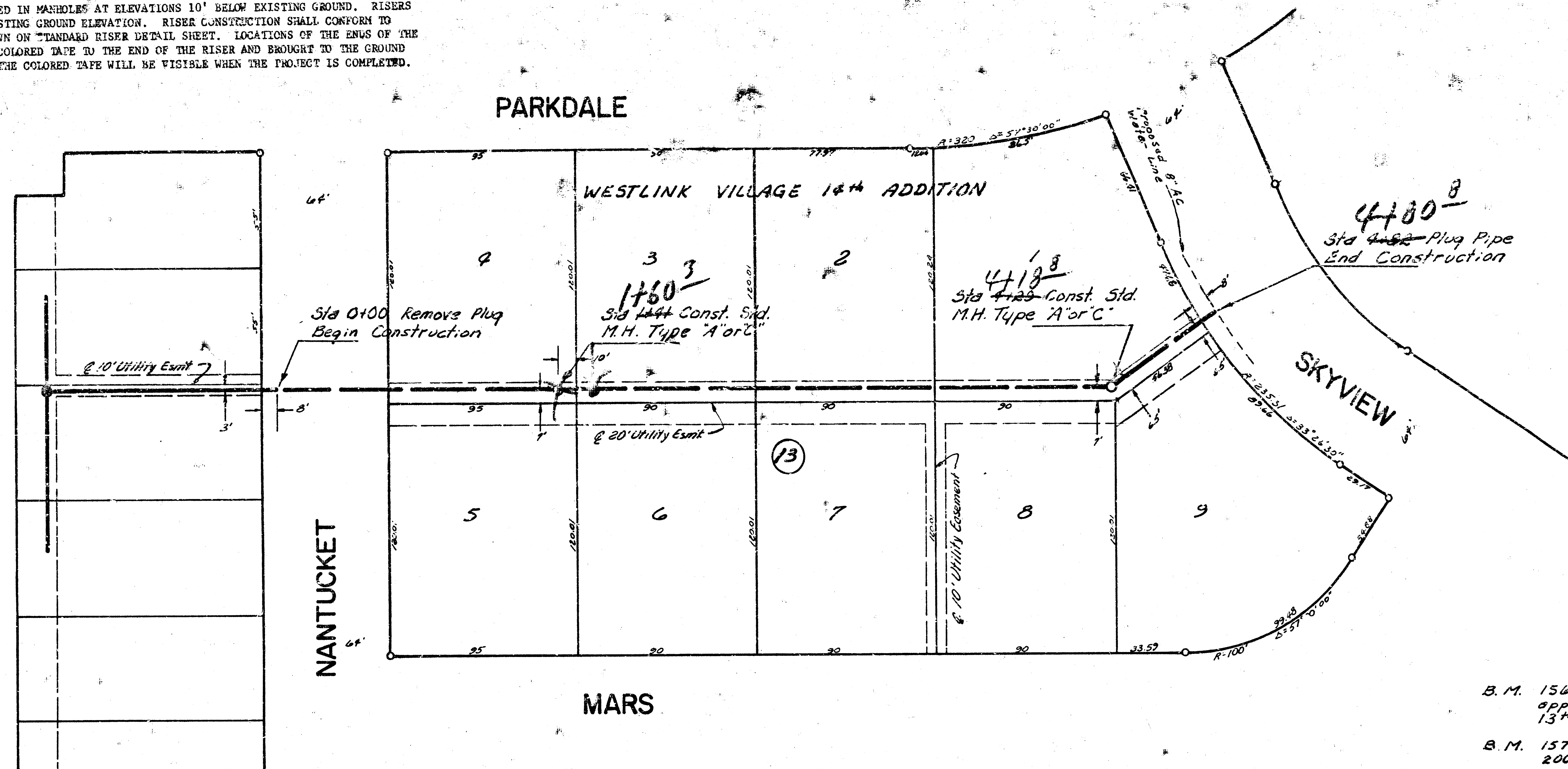
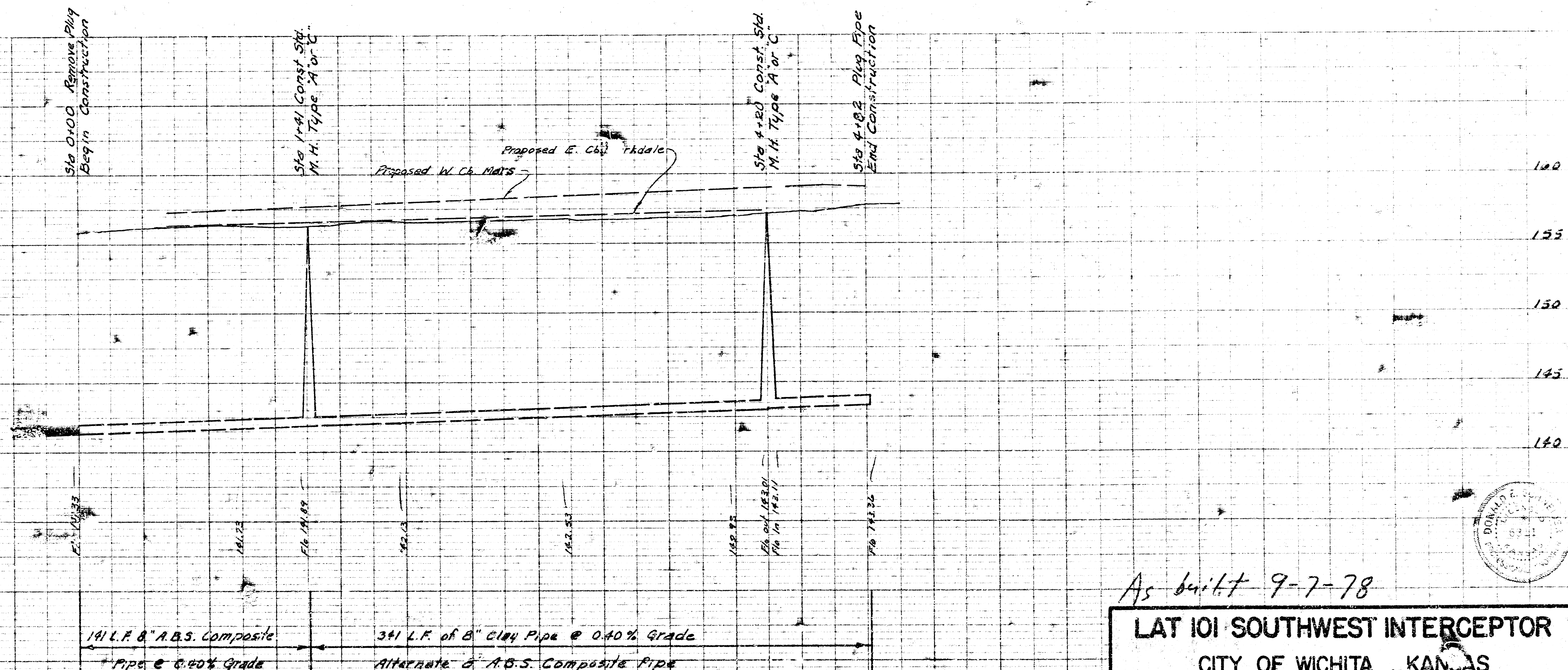


NOTE: RISERS OR STUBS IN MANHOLES SHALL BE CONSTRUCTED ON THIS PROJECT TO SERVE LOTS WHERE THE DEPTH OF THE 6" SEWER IS GREATER THAN 10'. STUBS SHALL BE INSTALLED IN MANHOLES AT ELEVATIONS 10' BELOW EXISTING GROUND. RISERS SHALL BE CONSTRUCTED TO AN ELEVATION 10' BELOW EXISTING GROUND ELEVATION. RISER CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE SLOPING TRENCH WALL AS SHOWN ON STANDARD RISER DETAIL SHEET. LOCATIONS OF THE ENDS OF THE RISERS SHALL BE MARKED BY FASTENING GREEN PLASTIC COLORED TAPE TO THE END OF THE RISER AND BROUGHT TO THE GROUND SURFACE AS THE EXCAVATION IS BACKFILLED SUCH THAT THE COLORED TAPE WILL BE VISIBLE WHEN THE PROJECT IS COMPLETED.

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



B.M. 156.626 Railroad Spike N. face Power Pole approx. 90' West and 20' south of NW corner 13th and Parkdale.
B.M. 157.039 R.R. Spike North face Power Pole approx. 200' S. and 100' W. of N.W. corner Nantucket & Lark.

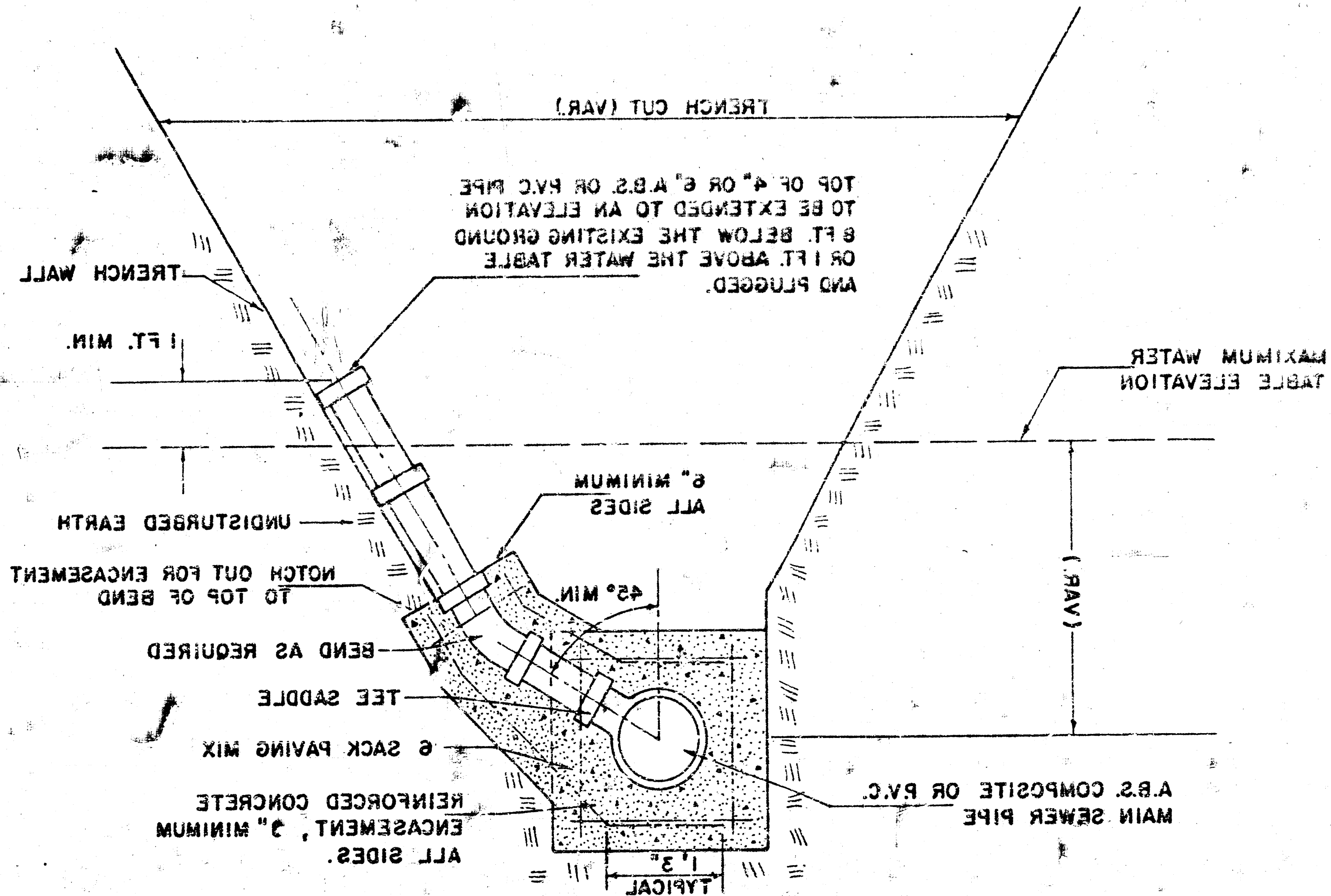


As built 9-7-78

LAT 101 SOUTHWEST INTERCEPTOR
CITY OF WICHITA, KANSAS

R.W. LINN CITY ENGINEER
PROJEC NUMBER: 468-76-245-90336-000-000-001

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



OTHER NECESSARY MATERIALS OR WORK. SADDLE, TAPPING FEE, FITTINGS AND ALL PORTION OF THIS ITEM INCLUDING TEE PRICE SHALL INCLUDE ALL COSTS FOR CON- MAIN SEWER PIPE SIZES INDICATED WHICH BID FOR 4" PIPE, 6" PIPE, AND REINFORCED SHALL BE PAID FOR AT THE UNIT PRICES AS INDICATED IN THE DRAWINGS. FOUR INCH OR SIX INCH RISER PIPE SHALL BE ENCASED TO THE TOP OF THE BEND. ENCASMENT 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. ENGINEER OR AS SHOWN BY THE PLANS. PROVIDE SATISFACTORY SERVICE CONNEC- TIONS AS DETERMINED BY THE FIELD WHERE LOCATIONS OF MANHOLES WILL STUBS SHALL BE INSTALLED IN MANHOLES APPROVED BY THE PROPERTY OWNER. SERVE DEVELOPED PROPERTY SHALL BE INSTALLED TO SERVE RESIDENTIAL PROPERTY. LOCATION OF RISERS TO SERVE COMMERCIAL OR INDUSTRIAL PROP- INCH RISERS SHALL BE INSTALLED TO MAIN SEWER IS IN GROUND WATER. SIX RISERS SHALL BE INSTALLED TO SERVE IN GROUND WATER OR WHEN THE MAIN DEVELOPED WHEN THE MAIN SEWER LINE IS SEWER LINE IS DEEPER THAN 6 FEET. ALL PROPERTY WHICH IS PRESENTLY RISERS SHALL BE INSTALLED TO SERVE

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

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

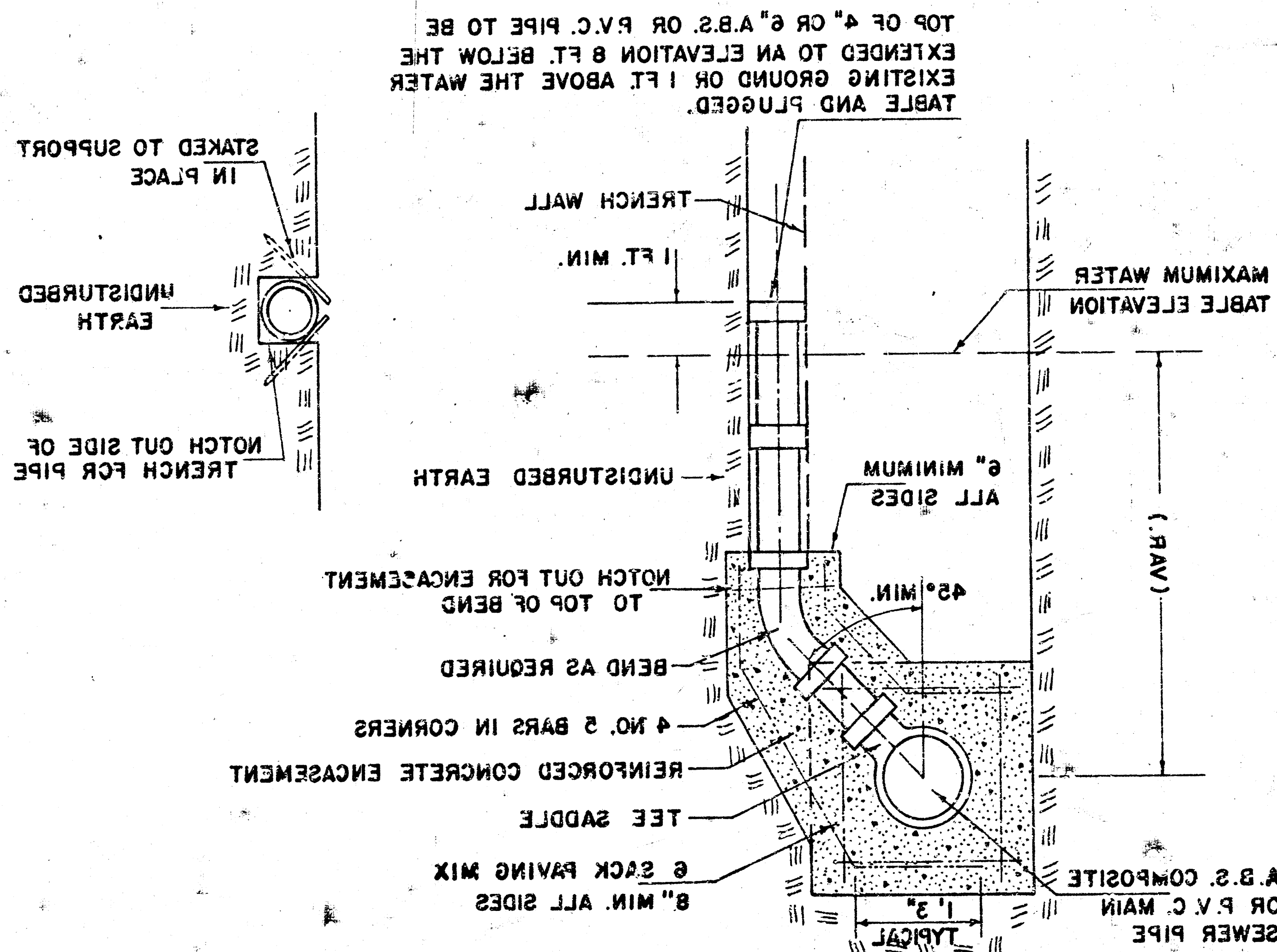
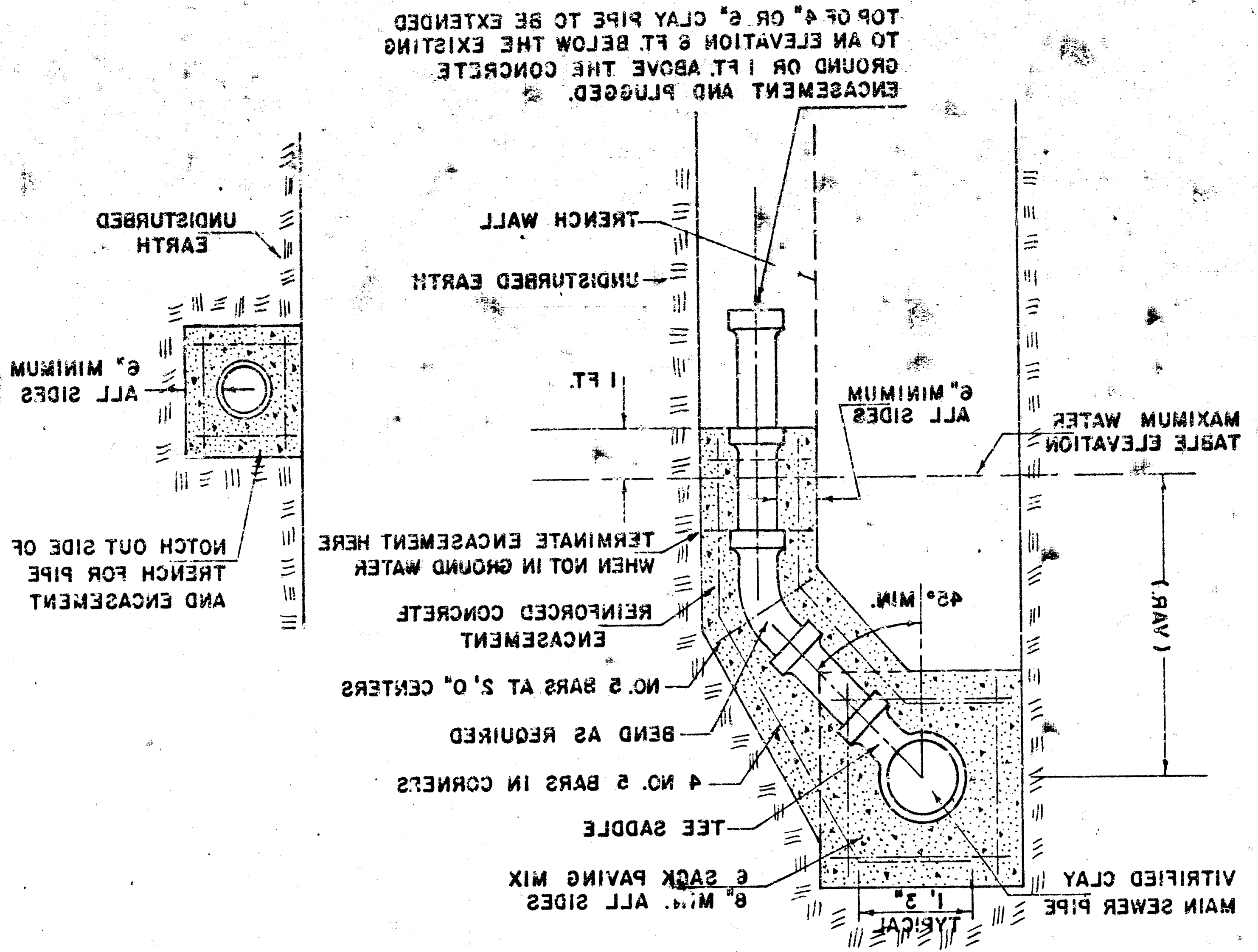


TABLE AND PLUGGED. TOP OF 4" OR 6" A.B.S. OR P.V.C. PIPE TO BE EXTENDED TO AN ELEVATION 8 FT. BELOW THE EXISTING GROUND OR 1 FT. ABOVE THE WATER

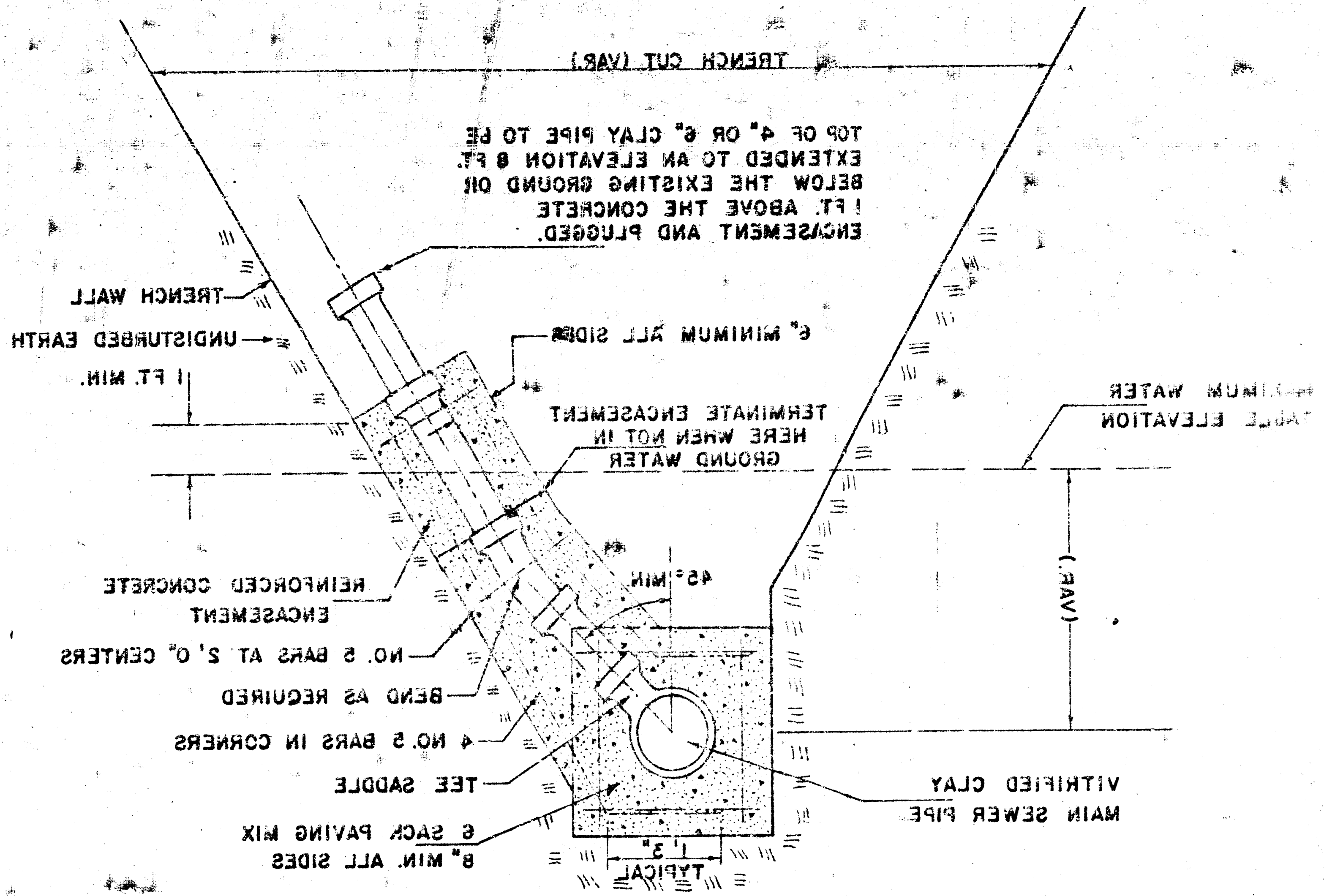
(TYPICAL LEFT OR RIGHT)
VERTICAL TRENCH WALLS
VITRIFIED CLAY PIPE
DETAIL FOR VERTICAL RISER



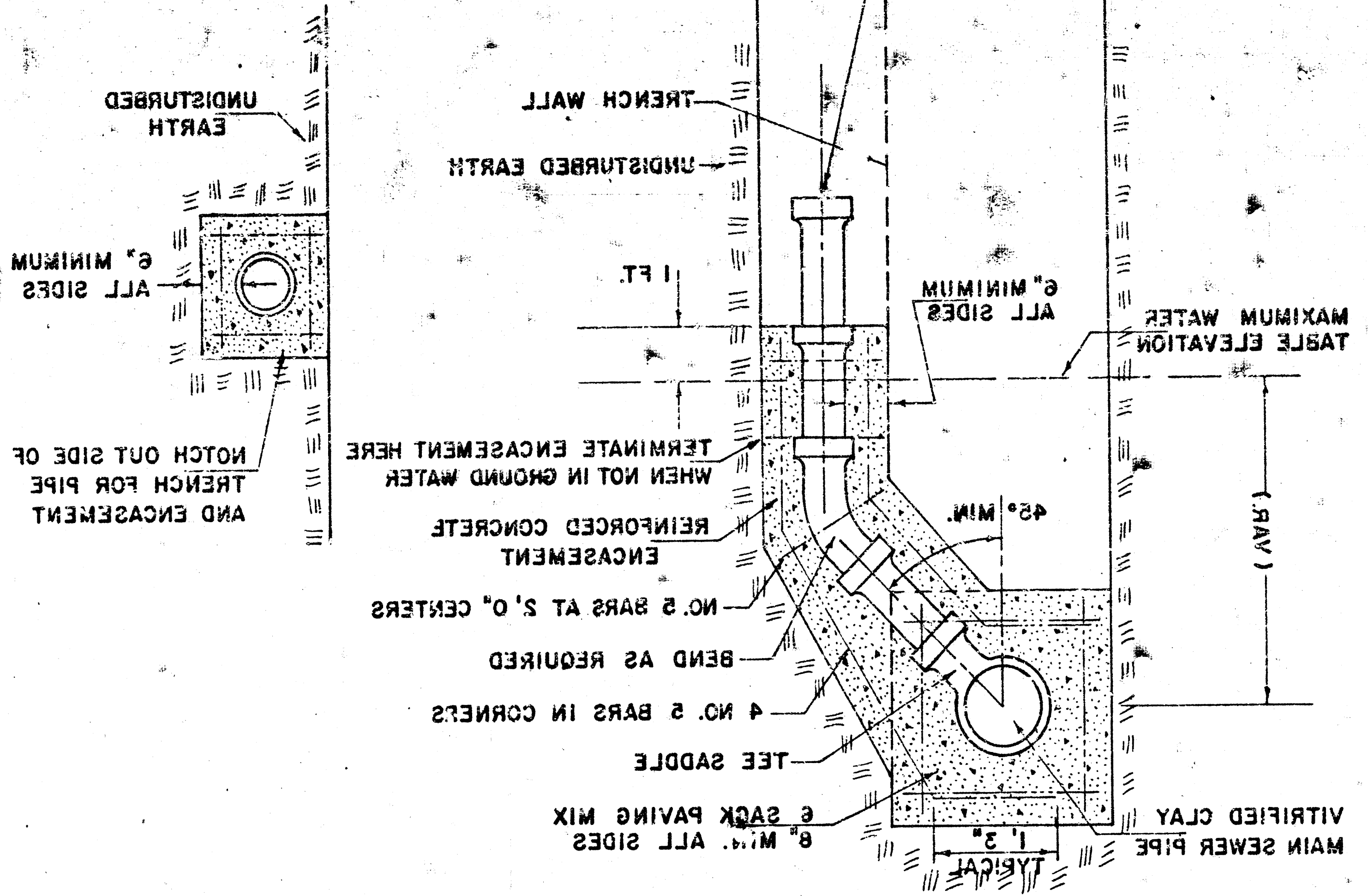
MAXIMUM WATER TABLE ELEVATION. WHICH IS 1 FOOT OR MORE ABOVE THE PIPE SHALL EXTEND TO THE FIRST JOINT OF OF 4" OR 6" VITRIFIED CLAY RISER THE RISER INSTALLATION. ENCASMENT MAIN SEWER PIPE ON EACH SIDE OF EXTEND TO THE FIRST JOINT IN THE FIED CLAY MAIN SEWER PIPE SHALL BY THE PLANS. ENCASMENT OF VITRI- SERVICE CONNECTIONS AS DETERMINED BY THE FIELD ENGINEER OR AS SHOWN MANHOLES WHERE LOCATION OF MA- OWNER STUBS SHALL BE INSTALLED IN SHALL BE APPROVED BY THE PROPERTY OF RISERS TO SERVE DEVELOPED PROPERTY SERVE RESIDENTIAL PROPERTY. LOCATION INCH RISERS SHALL BE INSTALLED TO CHAL OR INDUSTRIAL PROPERTY AND FOUR SHALL BE INSTALLED TO SERVE COMMEN- IS IN GROUND WATER. SIX INCH RISERS INSTALLED TO SERVE UNDEVELOPED PROPERTY ONLY WHEN THE MAIN SEWER LINE IS IN GROUND WATER OR WHEN DEVELOPED WHEN THE MAIN SEWER ALL PROPERTY WHICH IS PRESENTLY RISERS SHALL BE INSTALLED TO SERVE

GENERAL NOTES (CLAY PIPE RISER)

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



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



ENCASMENT AND PLUGGED. TOP OF 4" OR 6" CLAY PIPE TO BE EXTENDED TO AN ELEVATION 8 FT. BELOW THE EXISTING GROUND OR 1 FT. ABOVE THE WATER

PIPE. BY THE MANUFACTURER OF THE RISER PLUGGED USING FITTINGS FURNISHED RISER PIPE SHALL BE CAPPED OR BY THE ENGINEER. THE ENDS OF FILLING RISER PIPE SHALL BE APPROVED METHOD FOR SUPPORTING AND BACK- QUANTITIES INVOLVED. CONTRACTOR'S OF SERVICE. THE ELEVATION OF THE TOP OF THE RISER, AND THE PAY DEPARTMENT. THE PROJECT INSPECTOR SHALL KEEP A RECORD OF THE STATION COMPLETED BY THE CITY MAINTENANCE CLAY MAIN SEWER PIPE SHALL BE MATERIALS OR WORK. TAP ON VITRIFIED FITTINGS AND ALL OTHER NECESSARY COSTS FOR COMPLETION OF THIS ITEM WHICH PRICE SHALL INCLUDE ALL THE VARIOUS PIPE SIZES INDICATED FORCED CONCRETE ENCASMENT FOR BID FOR 4" PIPE, 6" PIPE, AND PEIN- SHALL BE PAID FOR AT THE UNIT PRICES FURNISHING AND INSTALLING RISERS

GENERAL NOTES (CLAY PIPE RISER)
(CONTINUED)

TURER OF THE RISER PIPE. FITTINGS FURNISHED BY THE MANUFAC- SHALL BE CAPPED OR PLUGGED USING RISER. THE ENDS OF RISER PIPE PIPE SHALL BE APPROVED BY THE SUPPORTING AND BACKFILLING RISER INVOLVED. CONTRACTOR'S METHOD FOR THE ELEVATION OF THE TOP OF THE RISER, AND THE PAY QUANTITIES IN- THE PROJECT INSPECTOR SHALL KEEP A RECORD OF THE STATION OF RISERS SUBSIDIARY TO THE OTHER ITEMS OF WORK. THIS WORK SHALL BE CONSIDERED AS PAID FOR DIRECTLY AND THE COST FOR RISER PIPE TO THE TOP OF THE BEND AS CONCRETE ENCASMENT OF A.B.S. OR P.V.C. RISER PIPE TO THE TOP OF THE BEND AS

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