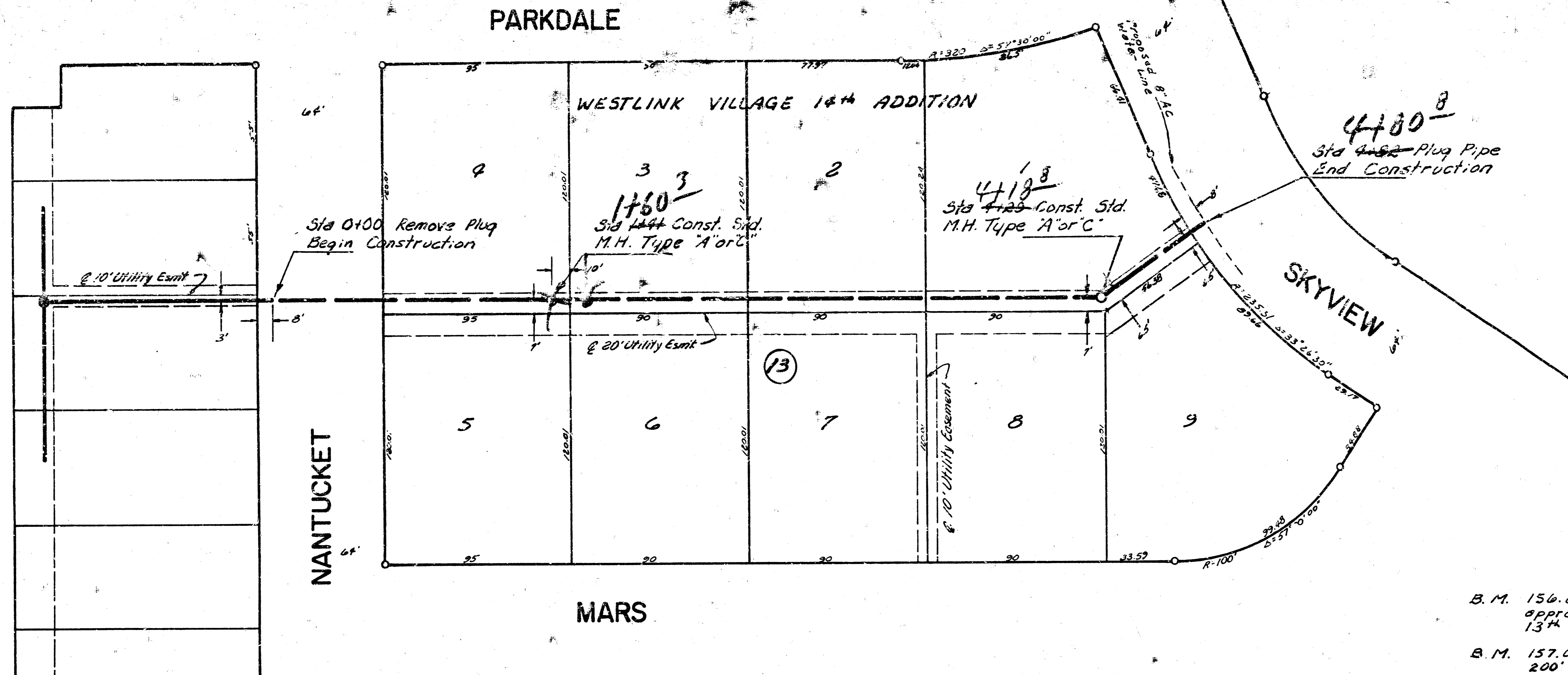
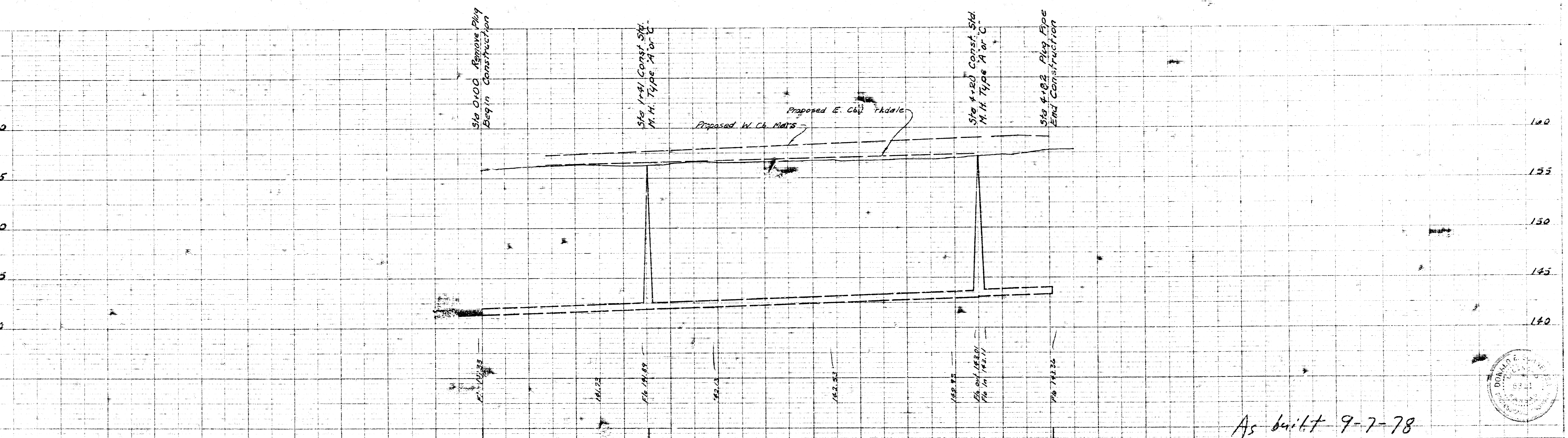


NOTE: RISERS OR STUBS IN MANHOLES SHALL BE CONSTRUCTED ON THIS PROJECT TO SERVE LOTS WHERE THE DEPTH OF THE 6" SEWER IS GREATER THAN 10'. STUBS SHALL BE INSTALLED IN MANHOLES AT ELEVATIONS 10' BELOW EXISTING GROUND. RISERS SHALL BE CONSTRUCTED TO AN ELEVATION 10' BELOW EXISTING GROUND ELEVATION. RISER 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 N.W. 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.

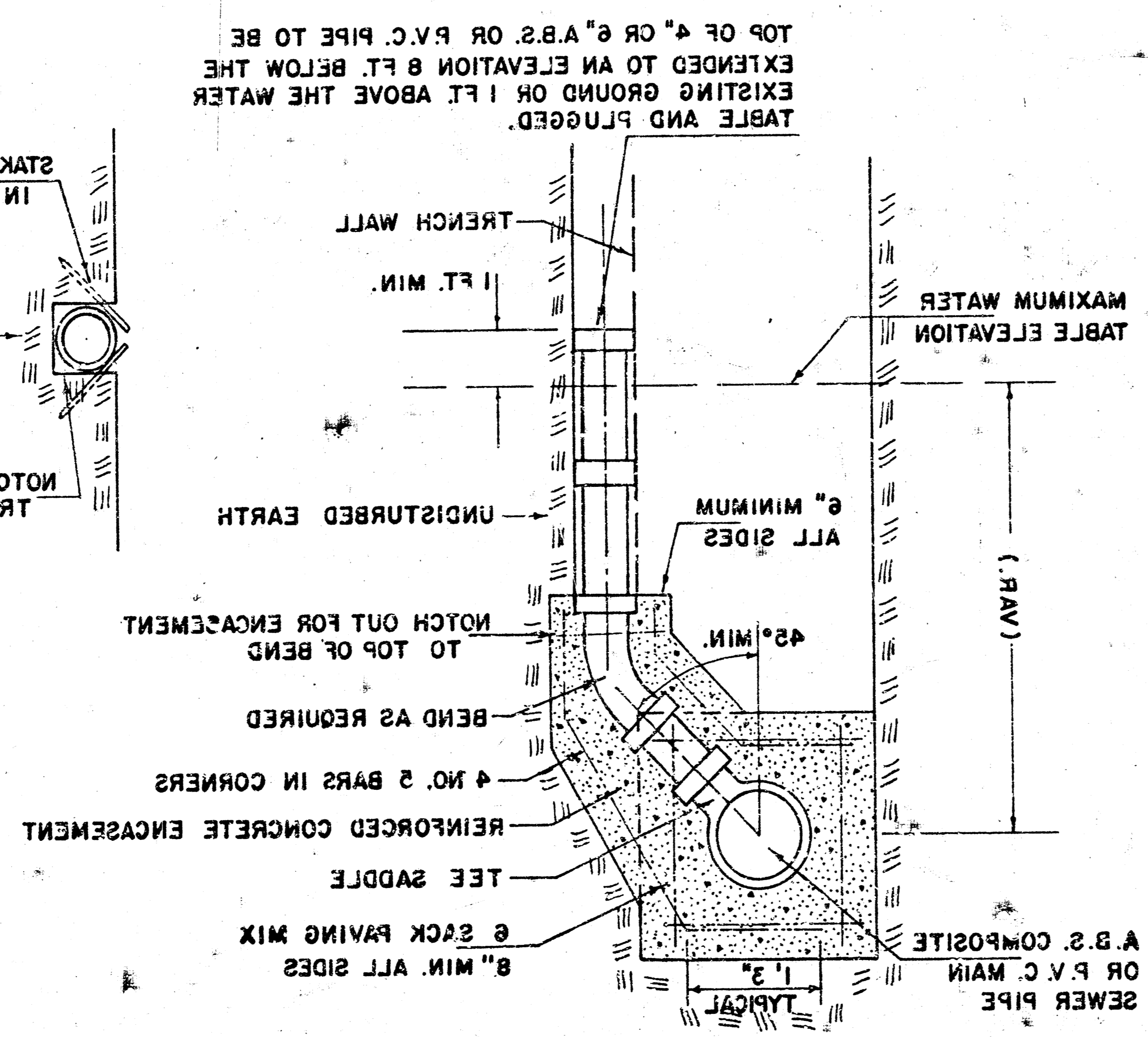
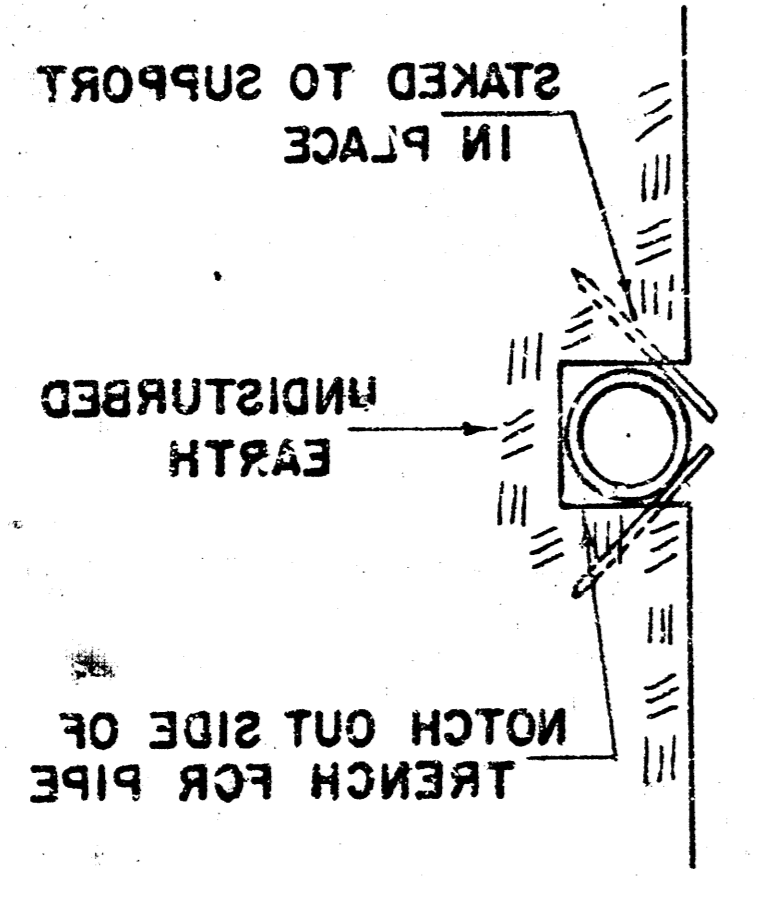


141 L.F. of 8" A.B.S. Composite Pipe @ 0.40% Grade
 341 L.F. of 8" Clay Pipe @ 0.40% Grade
 Alternate of A.B.S. Composite Pipe

As built 9-7-78

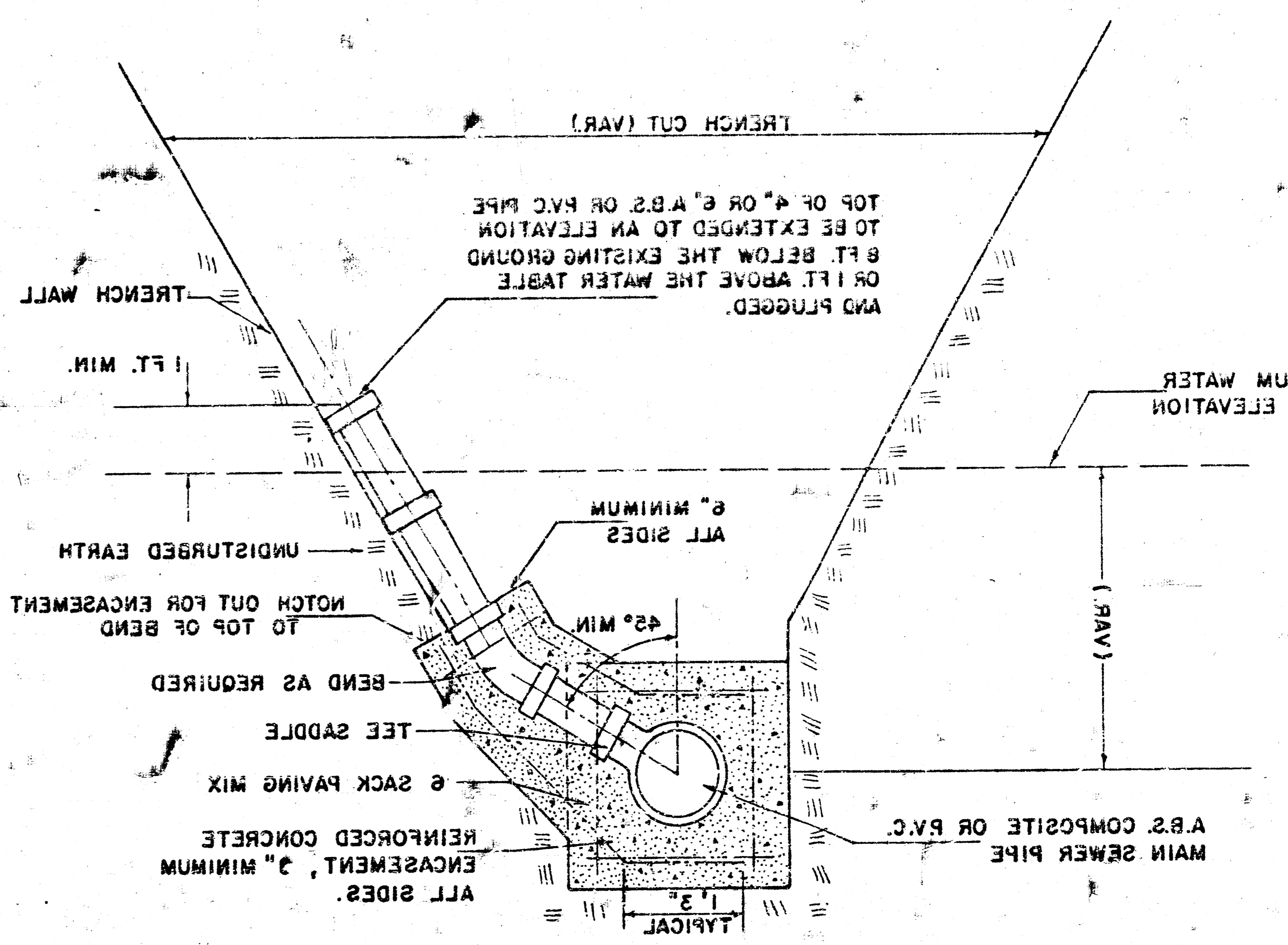
LAT 101 SOUTHWEST INTERCEPTOR
 CITY OF WICHITA, KANSAS
 R.W. LINN CITY ENGINEER
 PROJEC NUMBER: 468-76-245-90336-000-000-001

GENERAL NOTES (CONTINUED)
(A.B.S. COMPOSITE OR R.V.C. PIPE RISER)
CONCRETE ENCASMENT OF A.B.S. OR R.V.C. RISER PIPE TO THE TOP OF THE BEND AS SHOWN BY THE DRAWING WILL NOT BE PAID FOR DIRECTLY AND THE COST FOR THIS WORK SHALL BE CONSIDERED AS SUBSIDIARY TO THE OTHER ITEMS OF WORK. THE PROJECT INSPECTOR SHALL KEEP A RECORD OF THE STATION OF RISERS INSTALLED, THE DIRECTION OF SERVICE, 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.



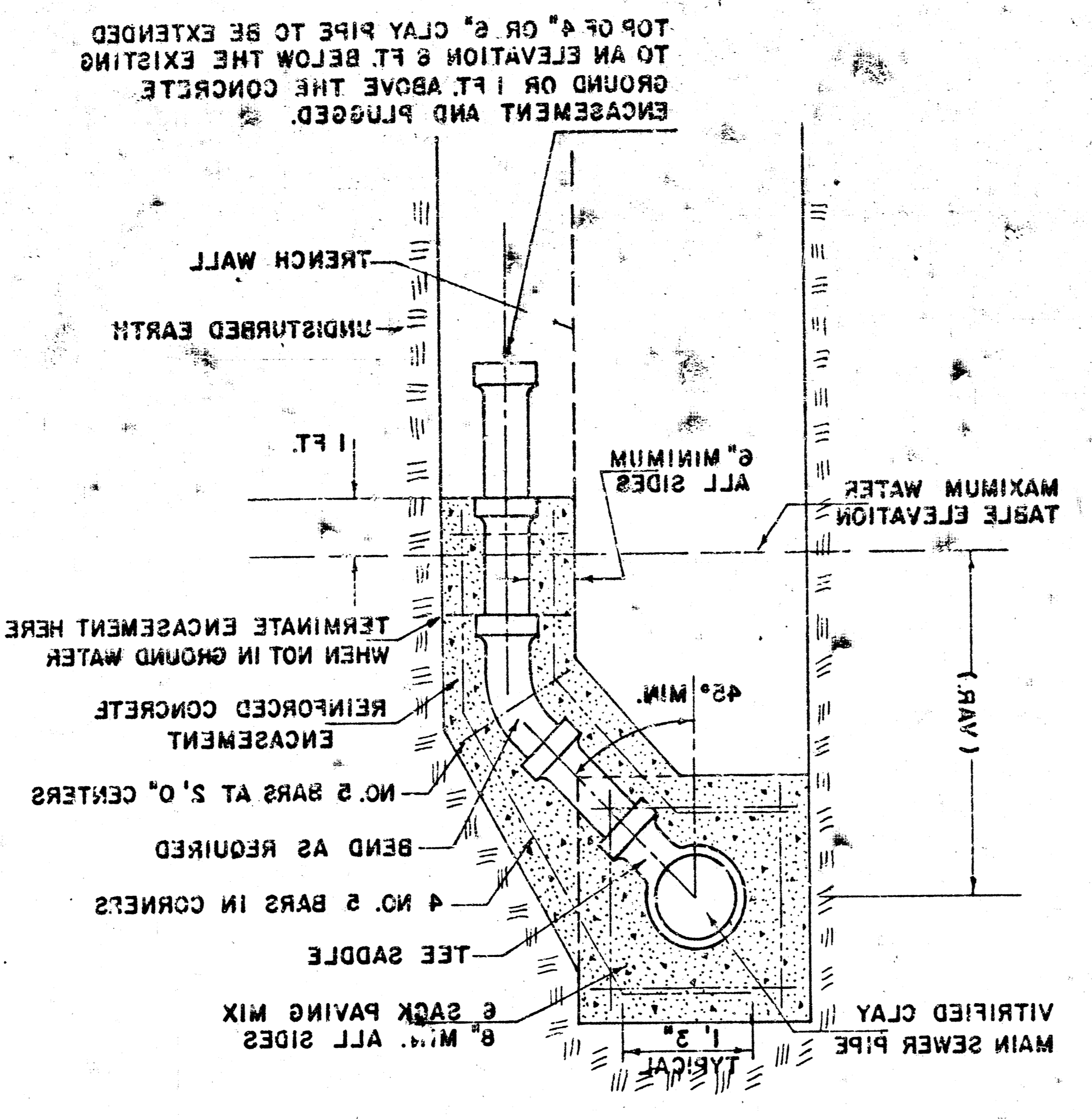
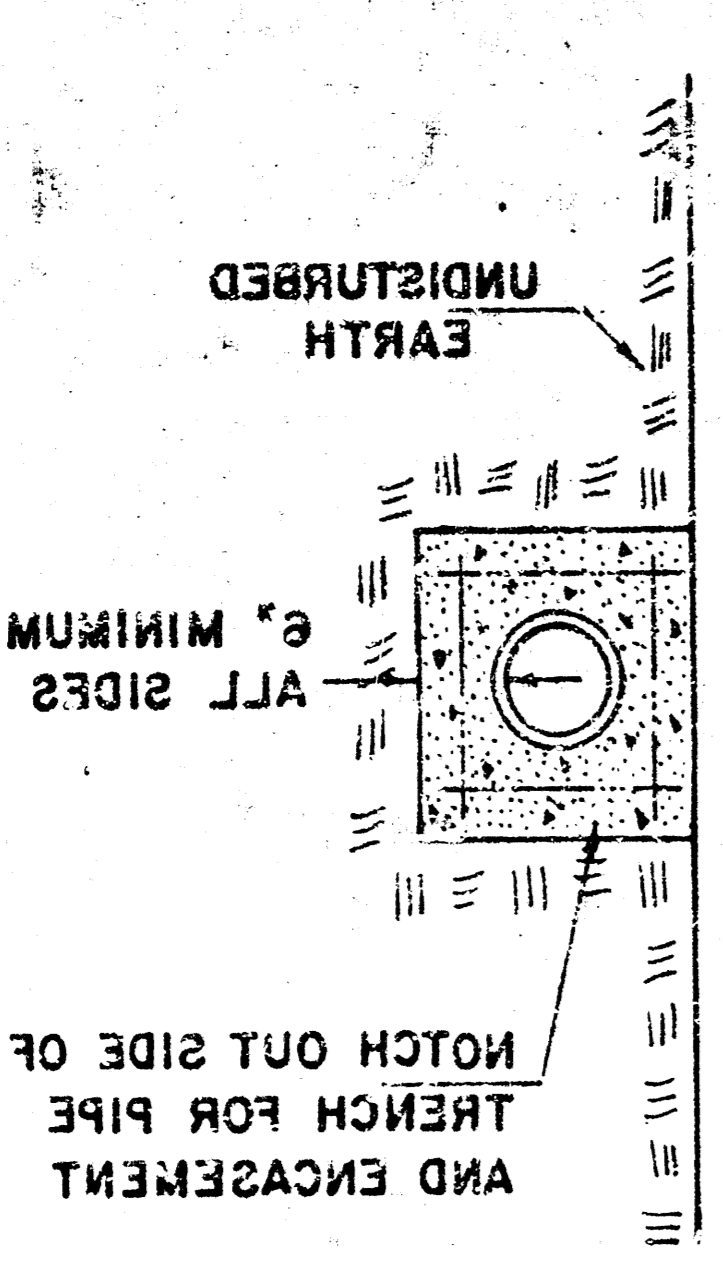
(TYPICAL LEFT OR RIGHT)
VERTICAL TRENCH WALLS
A.B.S. COMPOSITE OR R.V.C. PIPE
DETAIL FOR VERTICAL RISER

GENERAL NOTES (A.B.S. COMPOSITE OR R.V.C. PIPE RISER)
OTHER NECESSARY MATERIALS OR WORK. PRICE SHALL INCLUDE ALL COSTS FOR CONCRETE ENCASMENT FOR THE RISER BID FOR 4" PIPE, 6" PIPE, AND REINFORCED SHALL BE PAID FOR AT THE UNIT PRICES FURNISHING AND INSTALLING RISERS AS INDICATED IN THE DRAWING. BE ENCASED TO THE TOP OF THE BEND. FOUR INCH OR SIX INCH RISER PIPE SHALL OF THE CENTERLINE OF THE RISER. A MINIMUM OF 3 FEET ON BOTH SIDES R.V.C. MAIN SEWER PIPE SHALL EXTEND ENCASMENT OF A.B.S. COMPOSITE OR ENGINEER OR AS SHOWN BY THE PLANS. PROVIDE SATISFACTORY SERVICE CONNECTIONS AS DETERMINED BY THE FIELD ENGINEER OR AS SHOWN BY THE PLANS. 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 AND FOUR INCH RISERS SHALL BE INSTALLED TO SERVE COMMERCIAL OR INDUSTRIAL PROPERTY ONLY WHEN THE MAIN SEWER IS IN GROUND WATER OR WHEN THE RISER SHALL BE INSTALLED TO SERVE IN GROUND WATER OR WHEN THE MAIN SEWER LINE IS DEEPER THAN 8 FEET. RISERS SHALL BE INSTALLED TO SERVE ALL PROPERTY WHICH IS PRESENTLY DEVELOPED WHEN THE MAIN SEWER LINE IS IN GROUND WATER OR WHEN THE RISER SHALL BE INSTALLED TO SERVE UNDEVELOPED PROPERTY ONLY WHEN THE MAIN SEWER LINE IS DEEPER THAN 8 FEET. RISERS SHALL BE INSTALLED TO SERVE UNDEVELOPED PROPERTY ONLY WHEN THE MAIN SEWER LINE IS DEEPER THAN 8 FEET. RISERS SHALL BE INSTALLED TO SERVE UNDEVELOPED PROPERTY ONLY WHEN THE MAIN SEWER LINE IS DEEPER THAN 8 FEET.



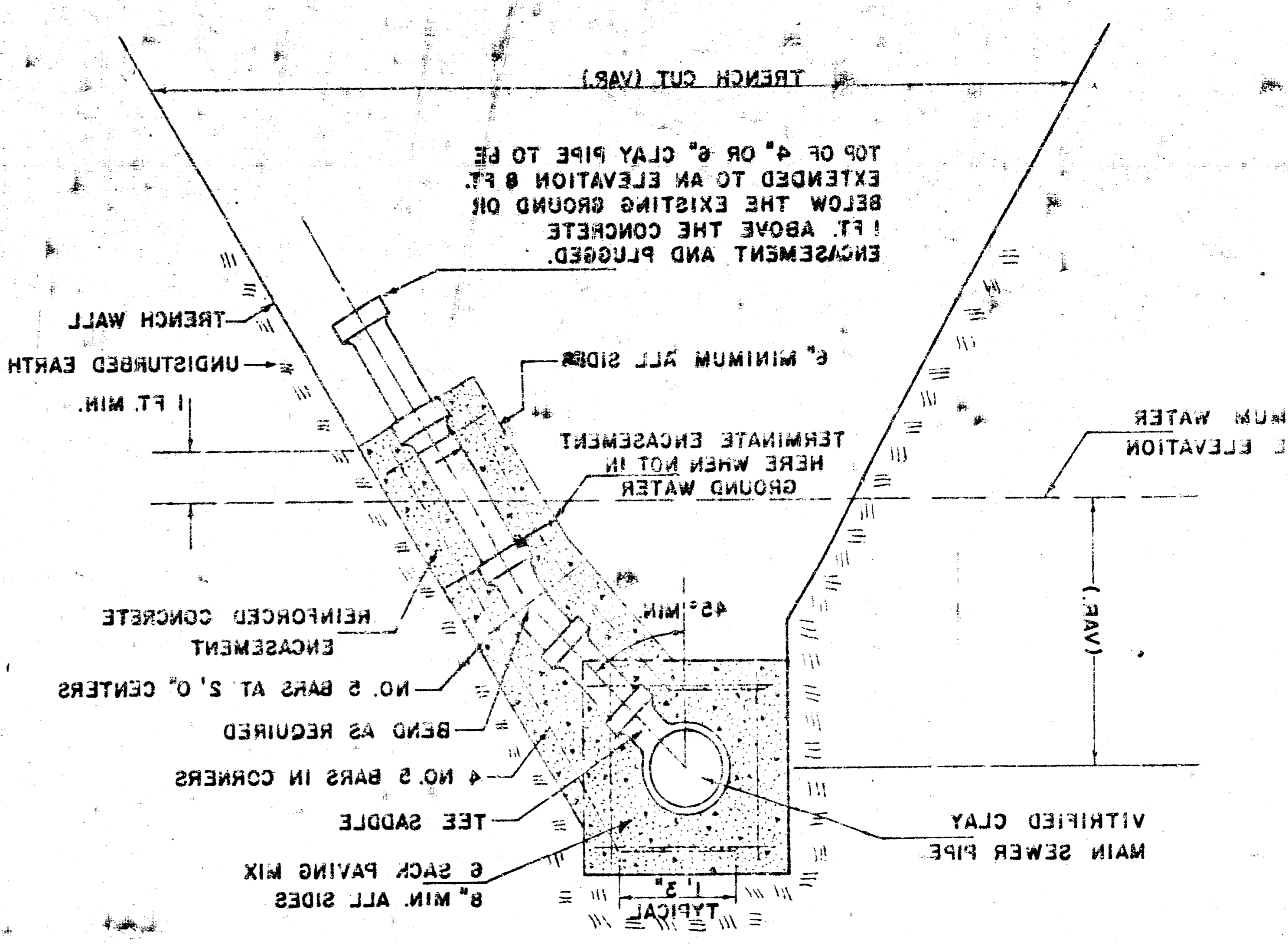
(TYPICAL LEFT OR RIGHT)
SLOPING TRENCH WALLS
A.B.S. COMPOSITE OR R.V.C. PIPE
DETAIL FOR VERTICAL RISER

GENERAL NOTES (CLAY PIPE RISER) (CONTINUED)
FURNISHING AND INSTALLING RISERS SHALL BE PAID FOR AT THE UNIT PRICES BID FOR 4" PIPE, 6" PIPE, AND REINFORCED CONCRETE ENCASMENT FOR THE RISER WHICH PRICE SHALL INCLUDE ALL COSTS FOR COMPLETION OF THIS ITEM INCLUDING TEE SADDLE, TAPPING FEE, FITTINGS AND ALL OTHER NECESSARY MATERIALS OR WORK. TAP ON VITRIFIED CLAY MAIN SEWER PIPE SHALL BE COMPLETED BY THE CITY MAINTENANCE DEPARTMENT. THE PROJECT INSPECTOR SHALL KEEP A RECORD OF THE STATION OF RISERS INSTALLED, THE DIRECTION OF SERVICE, 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.



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

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 LINE IS DEEPER THAN 8 FEET. RISERS SHALL BE INSTALLED TO SERVE UNDEVELOPED PROPERTY ONLY WHEN THE MAIN SEWER LINE IS DEEPER THAN 8 FEET. RISERS SHALL BE INSTALLED TO SERVE UNDEVELOPED PROPERTY ONLY WHEN THE MAIN SEWER LINE IS DEEPER THAN 8 FEET. RISERS SHALL BE INSTALLED TO SERVE UNDEVELOPED PROPERTY ONLY WHEN THE MAIN SEWER LINE IS DEEPER THAN 8 FEET. RISERS SHALL BE INSTALLED TO SERVE UNDEVELOPED PROPERTY ONLY WHEN THE MAIN SEWER LINE IS DEEPER THAN 8 FEET. RISERS SHALL BE INSTALLED TO SERVE UNDEVELOPED PROPERTY ONLY WHEN THE MAIN SEWER LINE IS DEEPER THAN 8 FEET. RISERS SHALL BE INSTALLED TO SERVE UNDEVELOPED PROPERTY ONLY WHEN THE MAIN SEWER LINE IS DEEPER THAN 8 FEET. RISERS SHALL BE INSTALLED TO SERVE UNDEVELOPED PROPERTY ONLY WHEN THE MAIN SEWER LINE IS DEEPER THAN 8 FEET. RISERS SHALL BE INSTALLED TO SERVE UNDEVELOPED PROPERTY ONLY WHEN THE MAIN SEWER LINE IS DEEPER THAN 8 FEET.



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

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