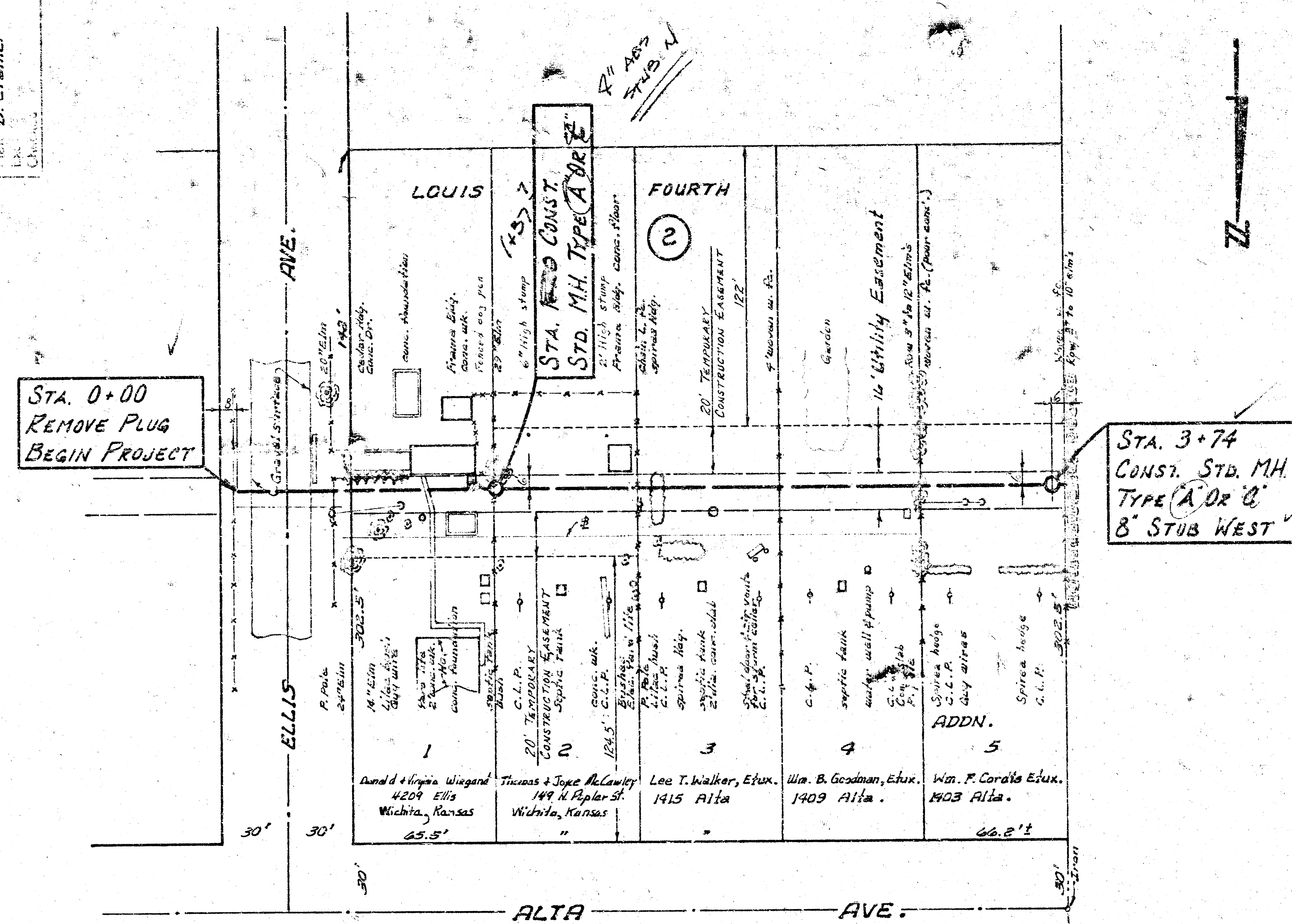
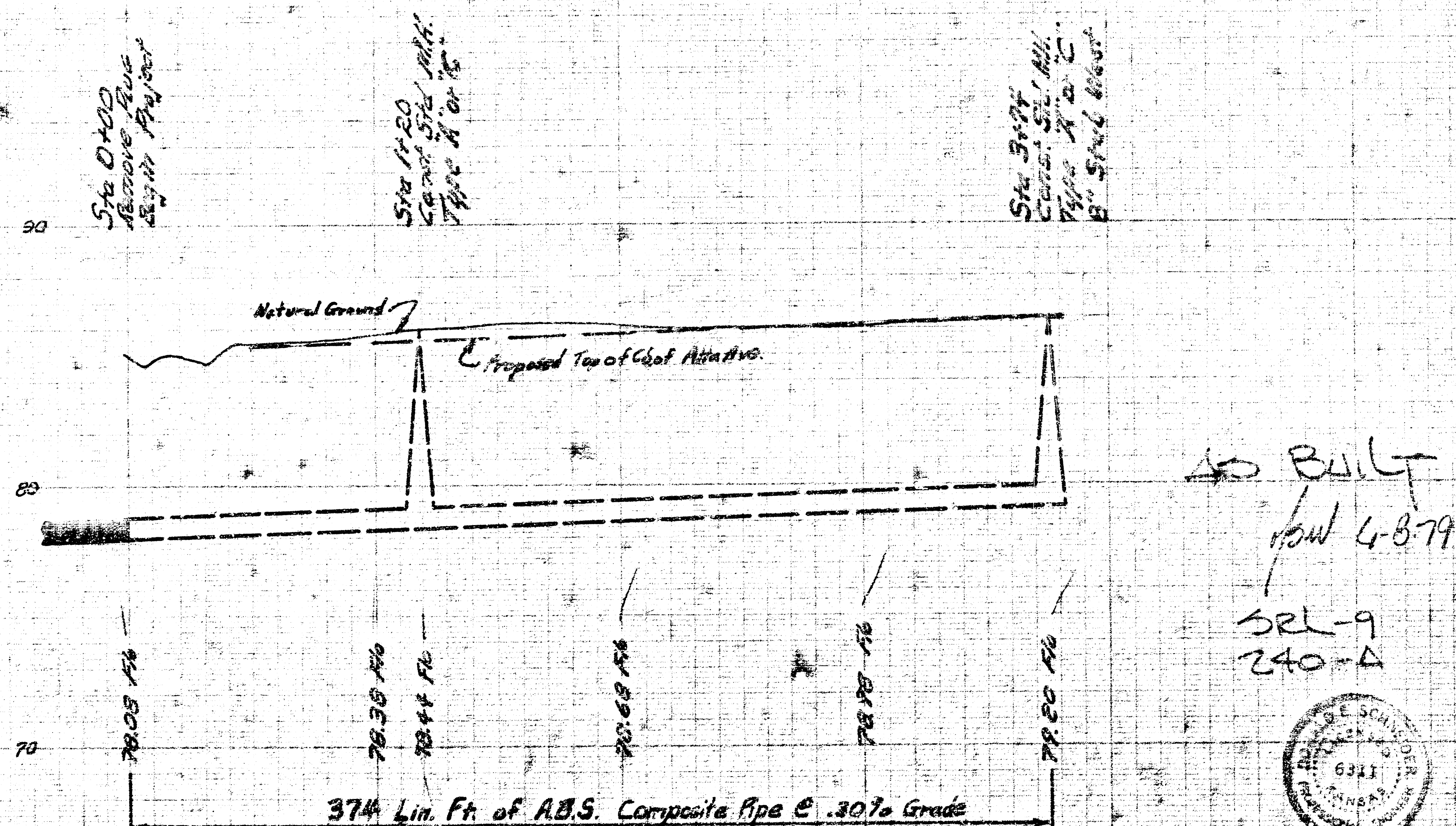


B.M. 86.135 60 penny spike N. face F. Pole 190' N. of Alta. on W. line of Ellis

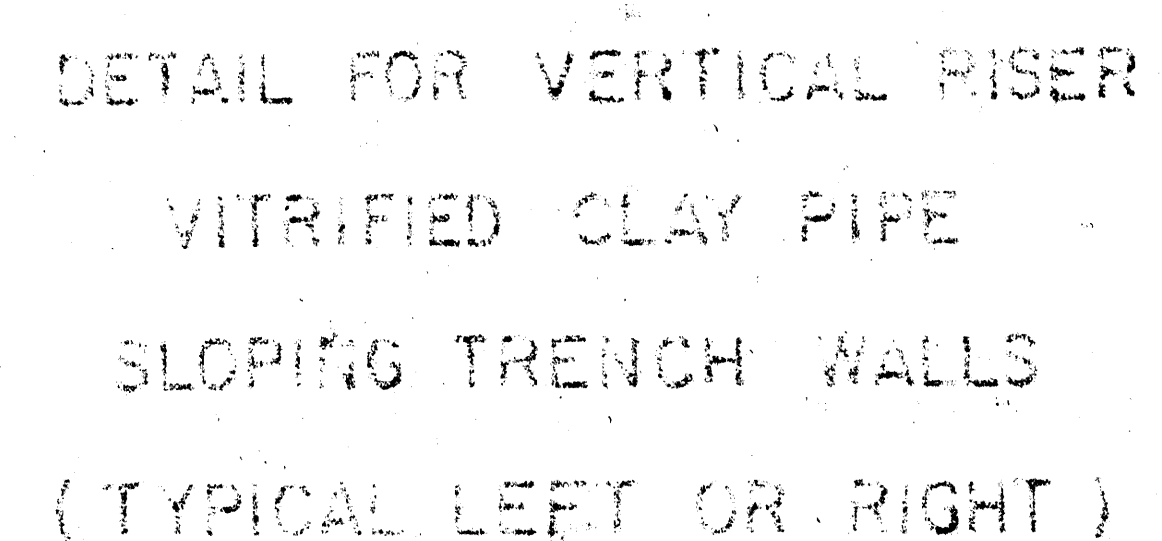


NOTE: CONTRACTOR SHALL GIVE PROPERTY OWNERS EFFECTED BY THIS PROJECT A MINIMUM OF 24 HOURS ADVANCE NOTICE PRIOR TO START OF CONSTRUCTION.

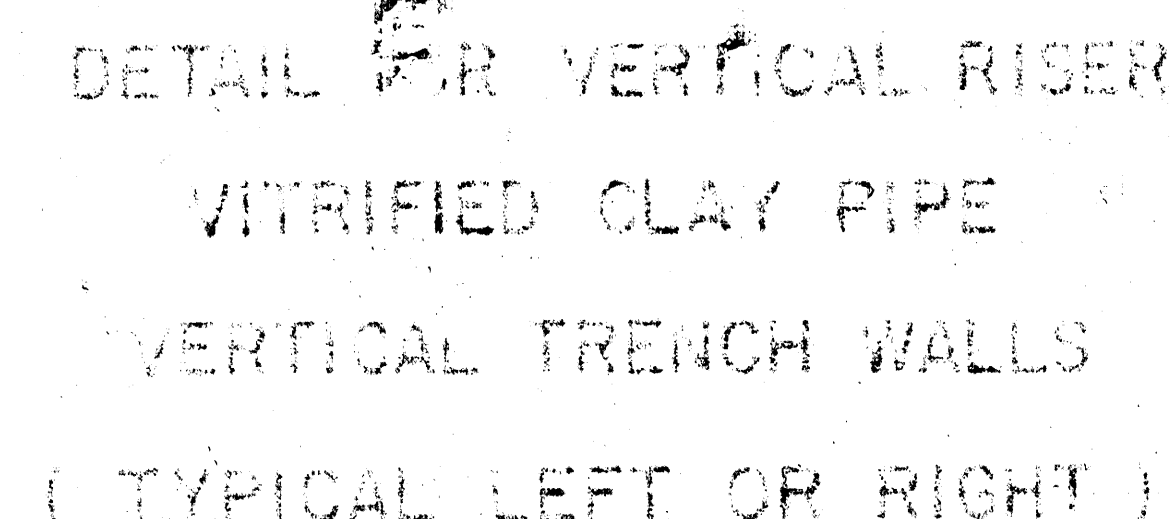
Plan Scale 1"=40'
Profile Scale 1"=40' Hor.
1"=4' Vert.



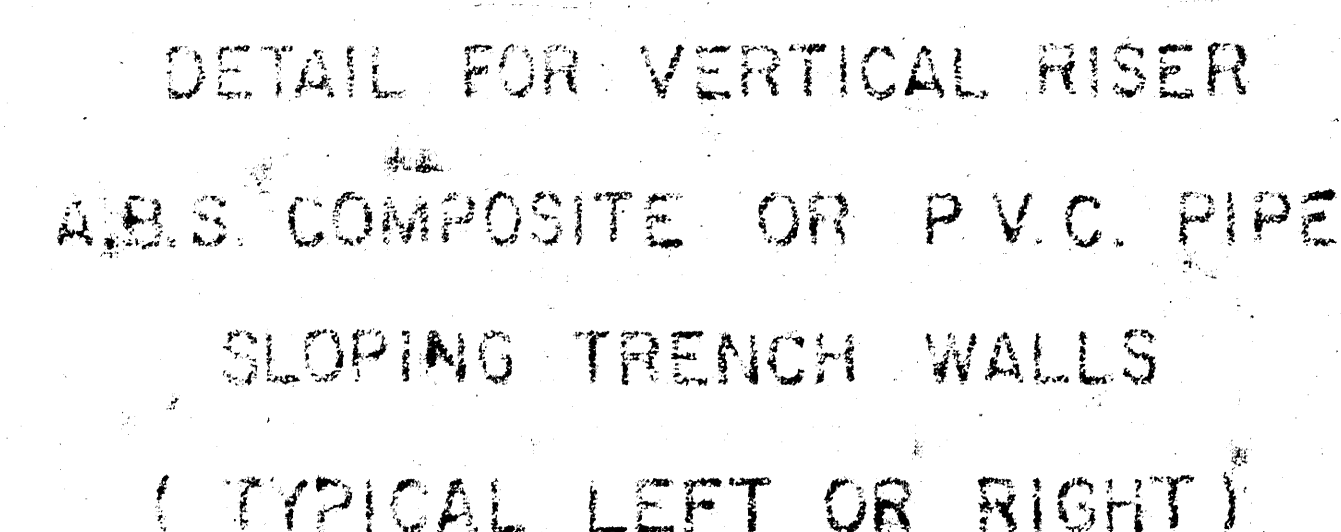
LAT. 11, MAIN I, S.W. INTERCEPTOR
CITY OF WICHITA, KANSAS



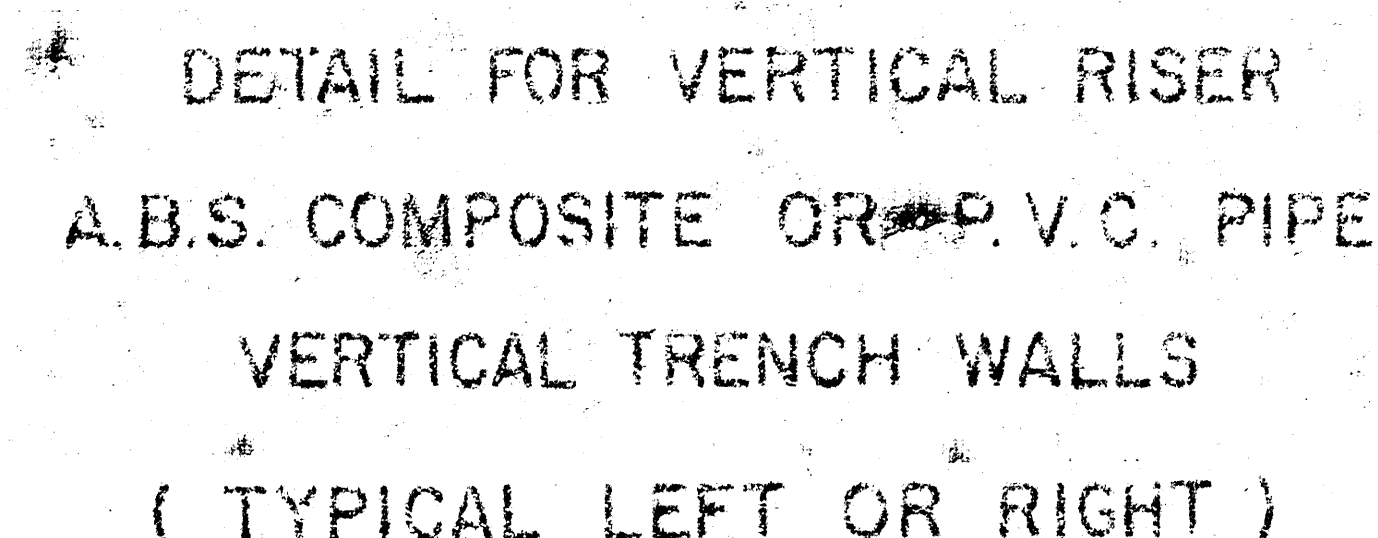
RISERS SHALL BE INSTALLED TO SERVE ALL PROPERTY WHICH IS PRESENTLY DEVELOPED WHEN THE MAIN SEWER LINE IS IN GROUND WATER OR WHEN THE MAIN SEWER LINE IS DEEPER THAN 4 FEET. RISERS SHALL BE INSTALLED TO SERVE UNDEVELOPED PROPERTY ONLY WHEN THE MAIN SEWER IS IN GROUND WATER. SIX INCH RISERS SHALL BE INSTALLED 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. STOPS 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" OR 6" VITRIFIED CLAY RISER PIPE SHALL EXTEND TO THE FIRST JOINT WHICH IS 1 FOOT OR MORE ABOVE THE MAXIMUM FUTURE FLOOD ELEVATION.



FORMING AND INSTALLATION SHALL BE PAID FOR AT THE UNIT PRICE FOR 4" PIPE, AND FOR FORCED CONCRETE ENCASUREMENT. THE VARIOUS PIPE SIZES INDICATED WHICH PRICE SHALL INCLUDE ALL COSTS FOR COMPLETION OF THE WORK INCLUDING THE SLOPE, TAPPING THE FITTINGS AND ALL OTHER NECESSARY SUPPLIES OR WORK. THE CONTRACTOR SHALL OBTAIN AND SHALL BE RESPONSIBLE FOR THE CITY WATER DEPARTMENT. THE PROJECT CONTRACTOR SHALL KEEP A RECORD OF THE LOCATION OF PIPES INSTALLED, THE NUMBER OF FEET OF THE LOCATION OF THE TOP OF THE RIVER, AND THE LOCATION OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING AND MAINTAINING THE PIPES. THE PIPES SHALL BE PLACED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING THE FITTINGS PROVIDED BY THE MANUFACTURER OF THE PIPES.



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. 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" PIPE, 6" PIPE, AND REINFORCED CONCRETE ENCASEMENT 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.



CONCRETE BRACEMENT OF A 24" OR 30" RISER PIPE TO THE TOP OF THE HEAD IS ALLOWED BY THE DRAWING. WILL NOT BE PAID FOR DIRECTLY AND THE COST FOR THIS WORK SHALL BE CONSIDERED AS A SUBORDINATE TO THE OTHER ITEMS OF THE PROJECT. INSPECTOR SHALL KEEP A RECORD OF THE LOCATION OF RISERS INSTALLED, THE LOCATION OF SERVICE, THE ELEVATION OF THE TOP OF THE RISER, AND THE TAY QUANTITIES INVOLVED. CONTRACTOR'S METHOD FOR SUPPORTING AND JACKING LIFT RISE PIPE SHALL BE APPROVED BY THE ENGINEER. THE ENDS OF RISER PIPE SHALL BE CAPED OR PLUGGED USING FITTINGS FURNISHED BY THE MANUFACTURER OF THE RISER PIPE. *

VERTICAL RISER DETAIL
ADOPTED AS STANDARD DESIGN
BY
ENGINEERING DIVISION
CITY OF WICHITA, KANSAS
R. W. LINDH CHIEF ENGINEER