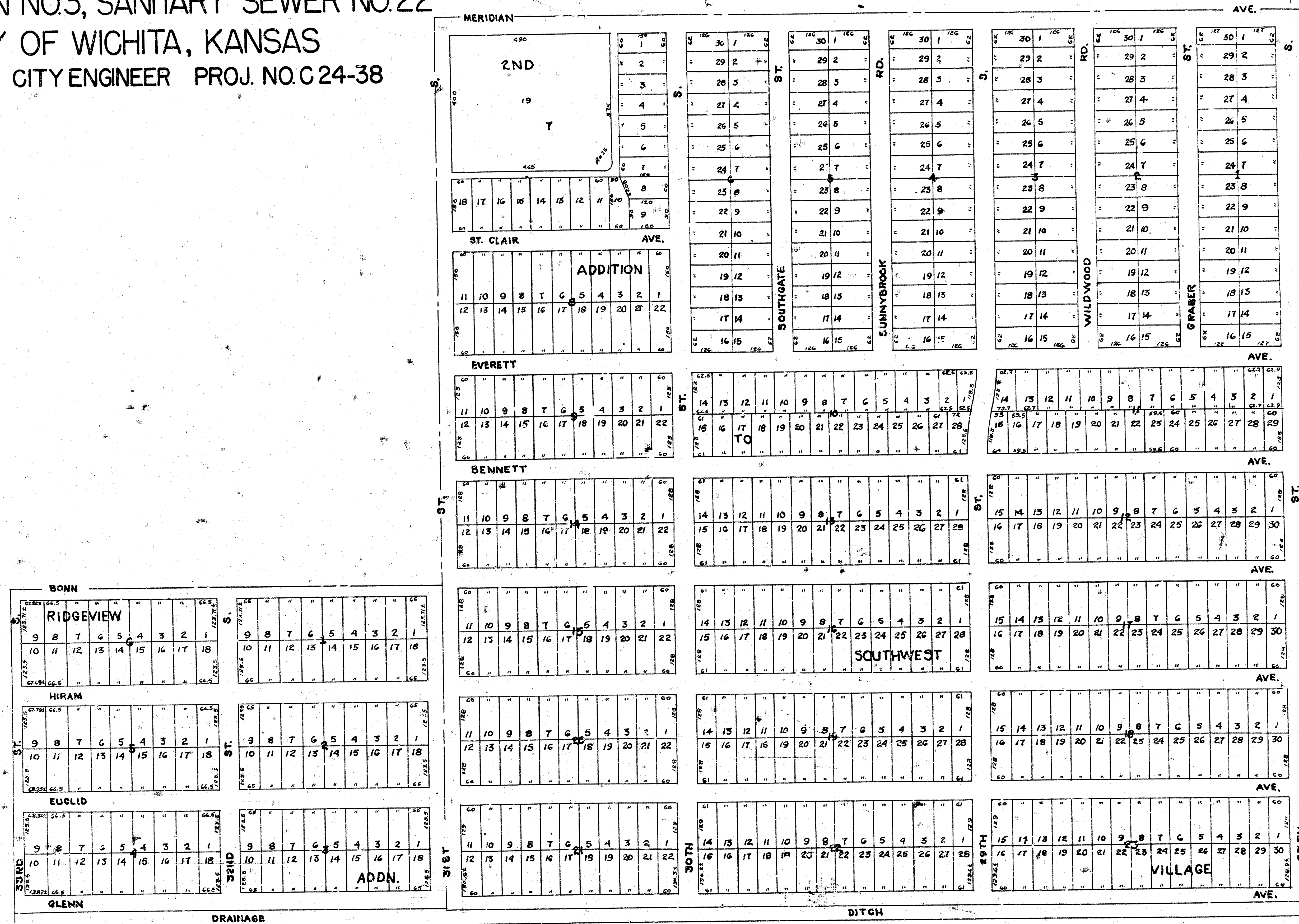


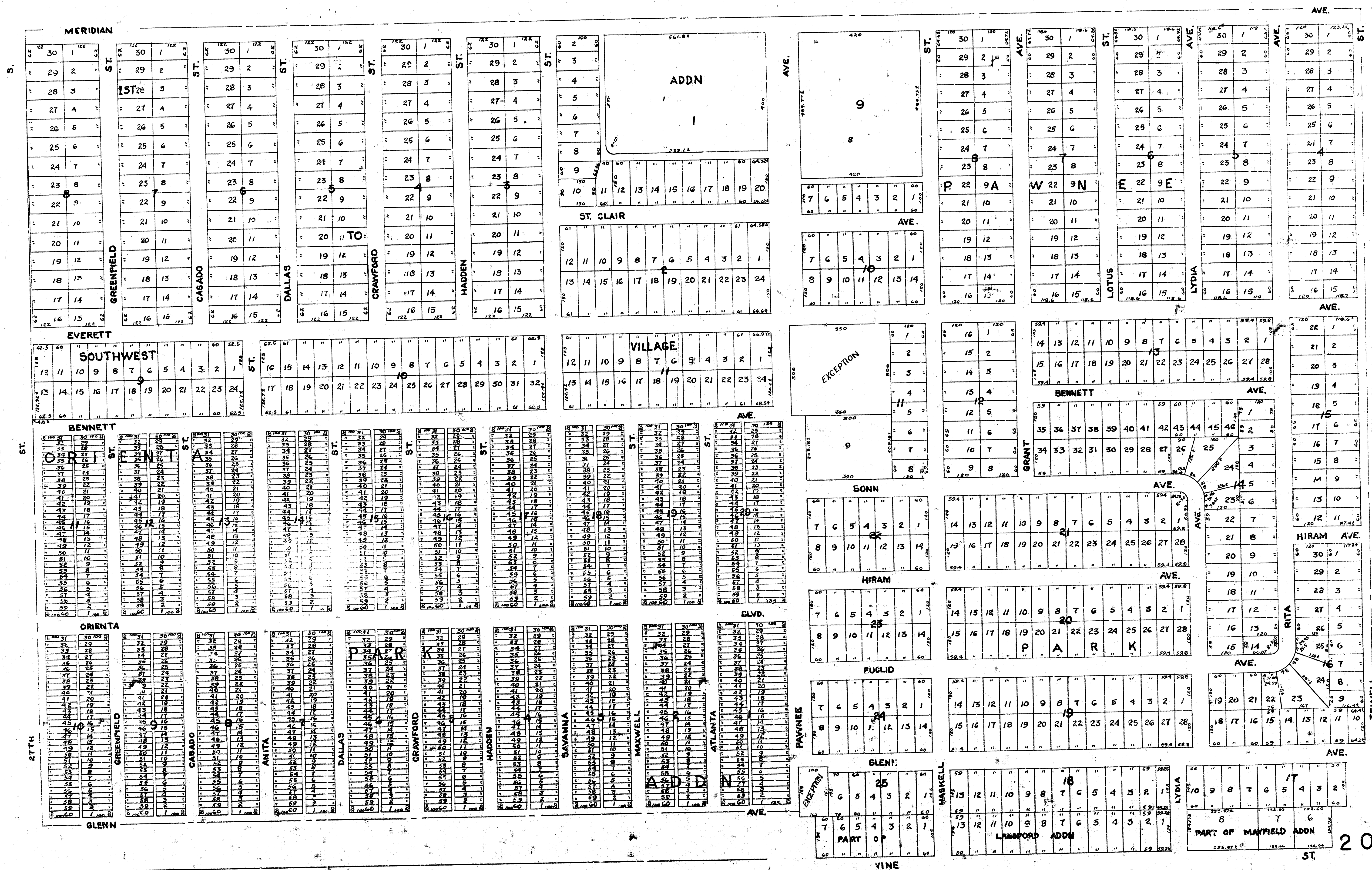
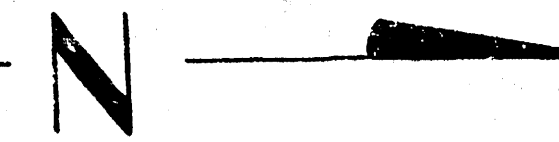
BENEFIT DISTRICT
SUBMAIN NO.3, SANITARY SEWER NO.22
CITY OF WICHITA, KANSAS
B.E.SMITH CITY ENGINEER PROJ. NO.C24-38



BENEFIT DISTRICT

SUB 3

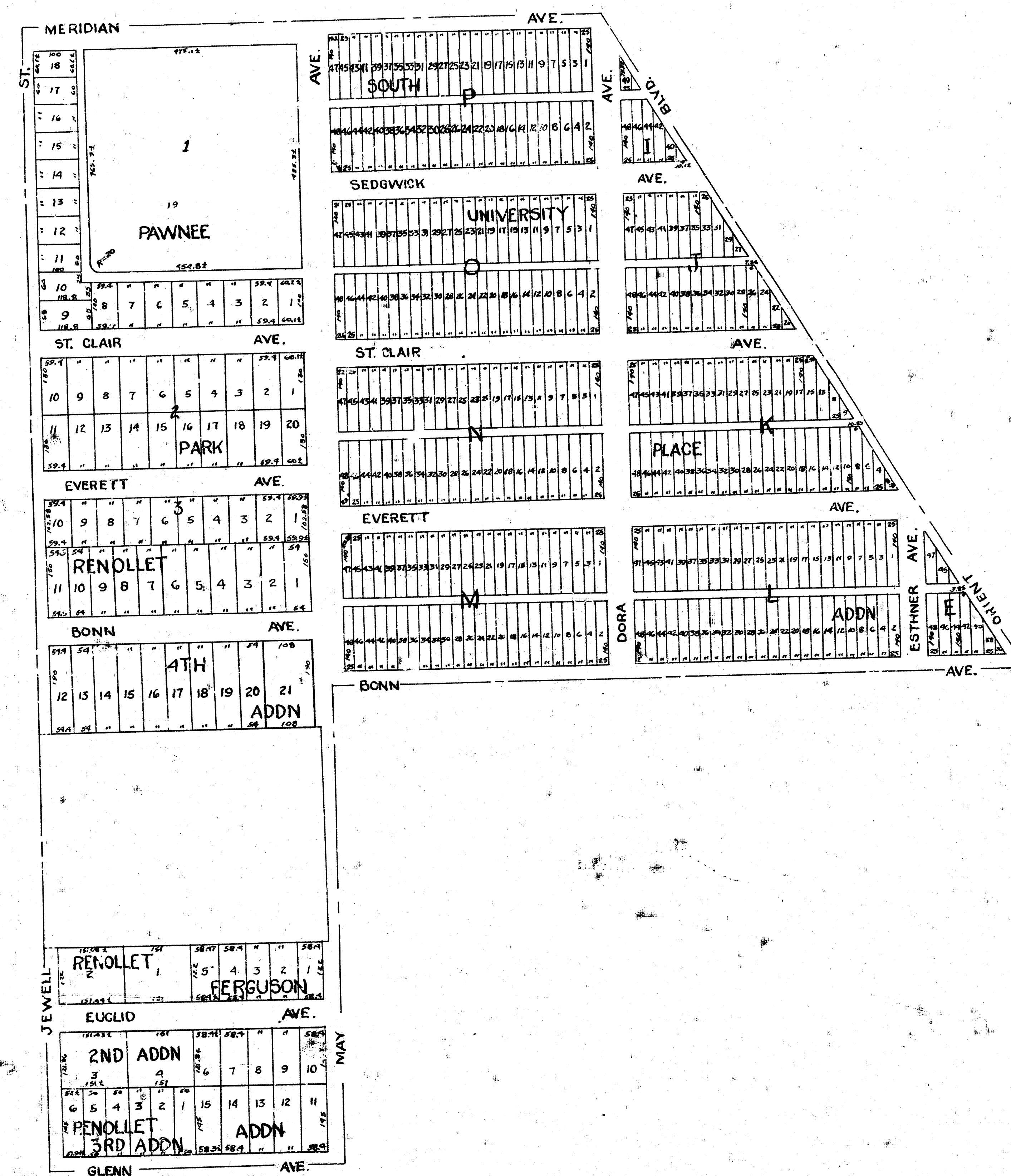
S.S. 22



BENEFIT DISTRICT

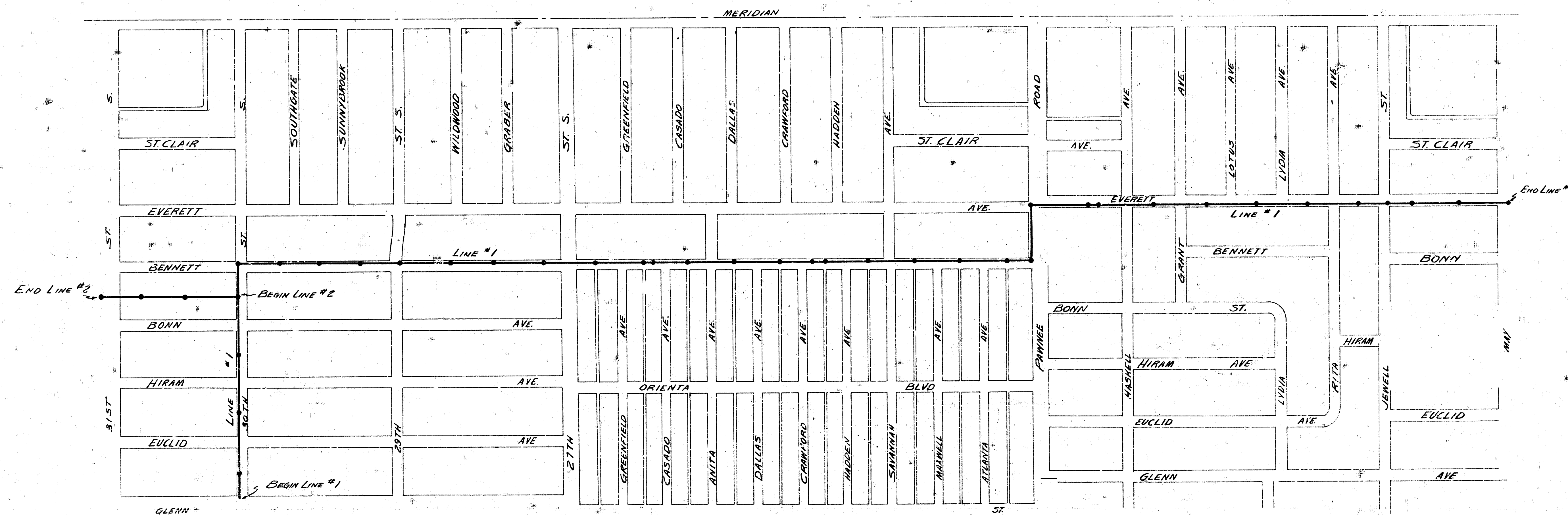
SUB. 3

S.S. 22

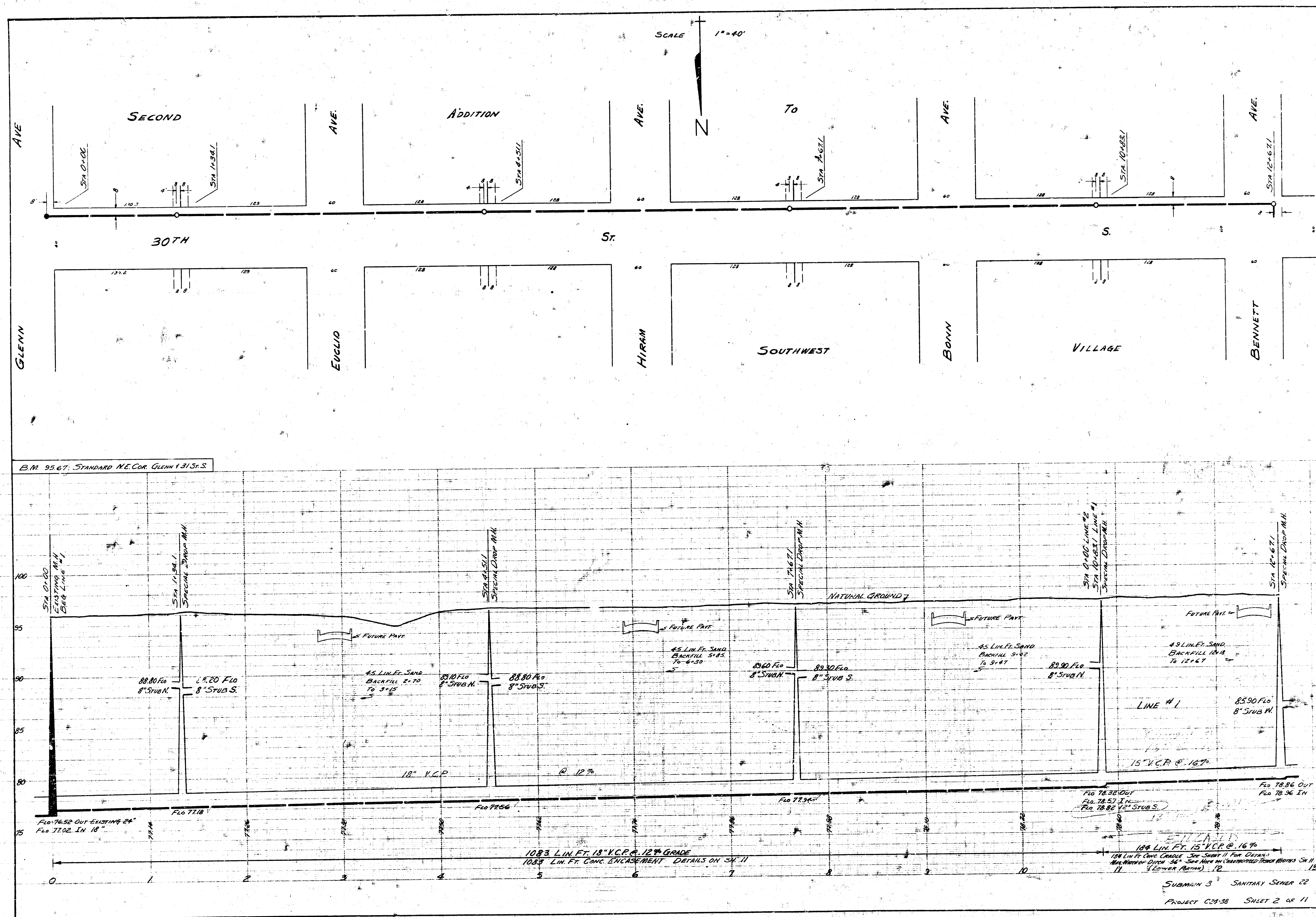


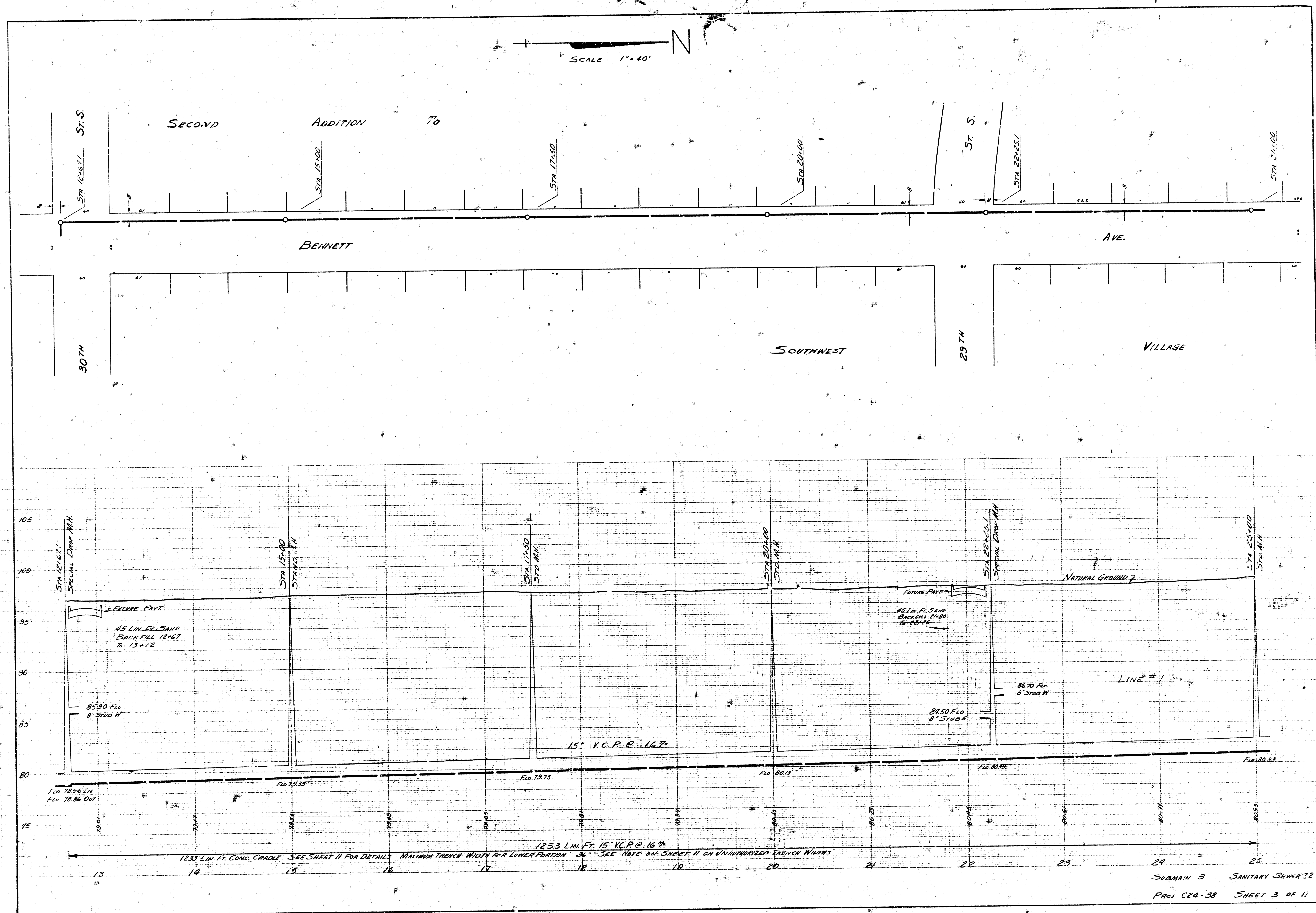
LOCATION MAP
 SUBMAIN NO. 3, SANITARY SEWER NO. 22
 CITY OF WICHITA, KANSAS
 B.E. SMITH CITY ENGINEER PROJ. NO. C24-38

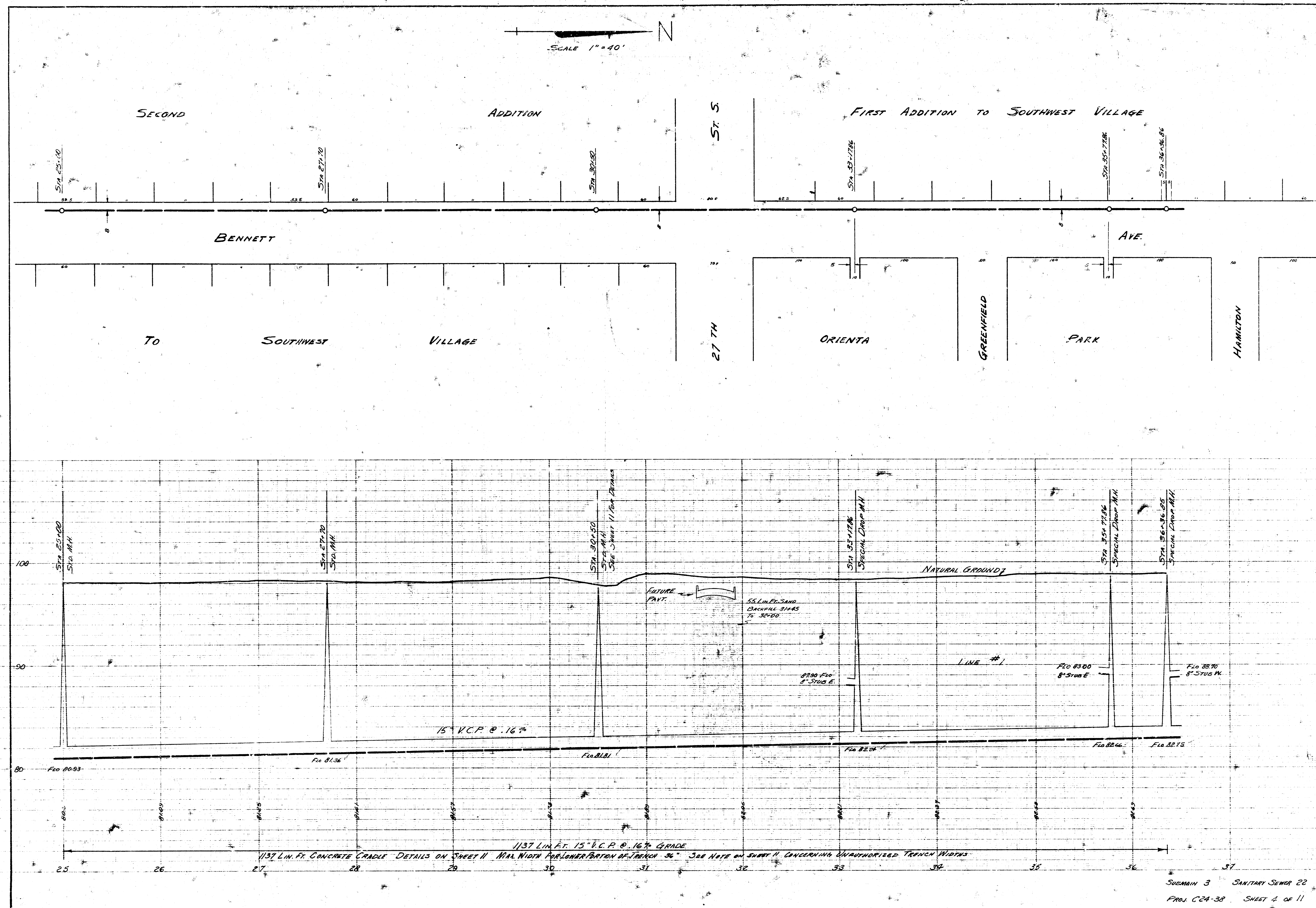
SCALE 1" = 300'

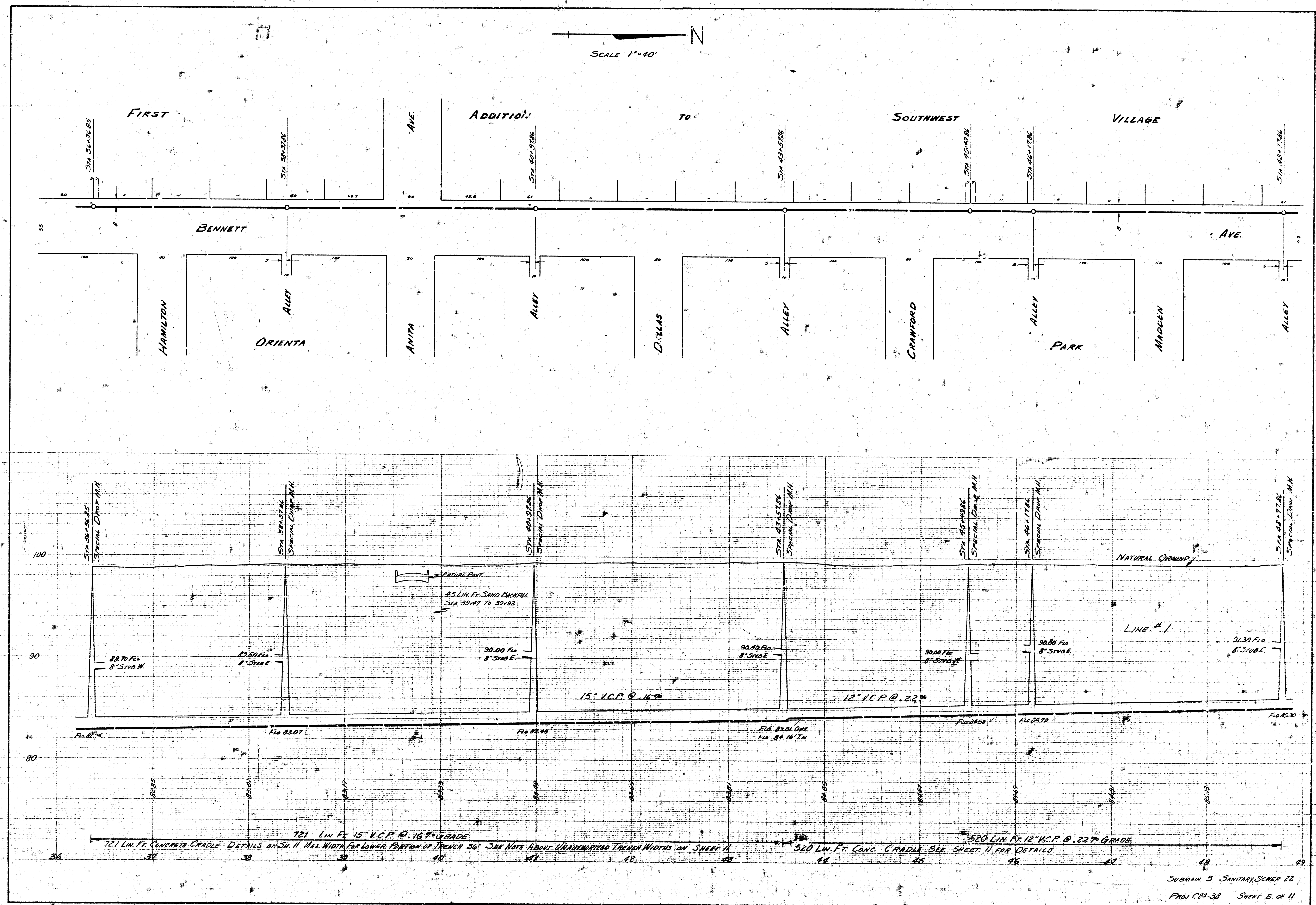


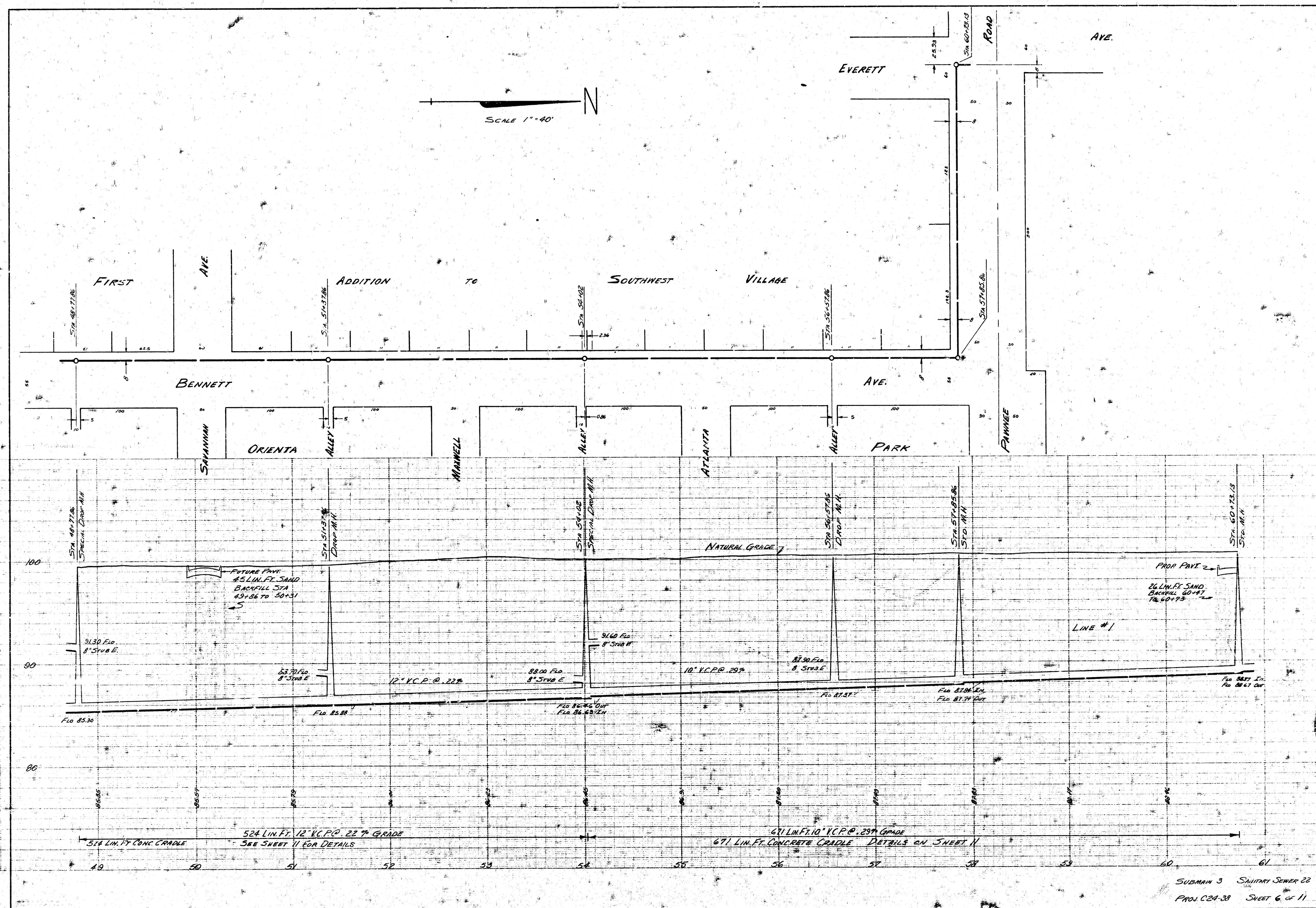
Survey J. Hanson
 Plan D. Sellers
 Checked J. Hanson
 Date Nov. 1954

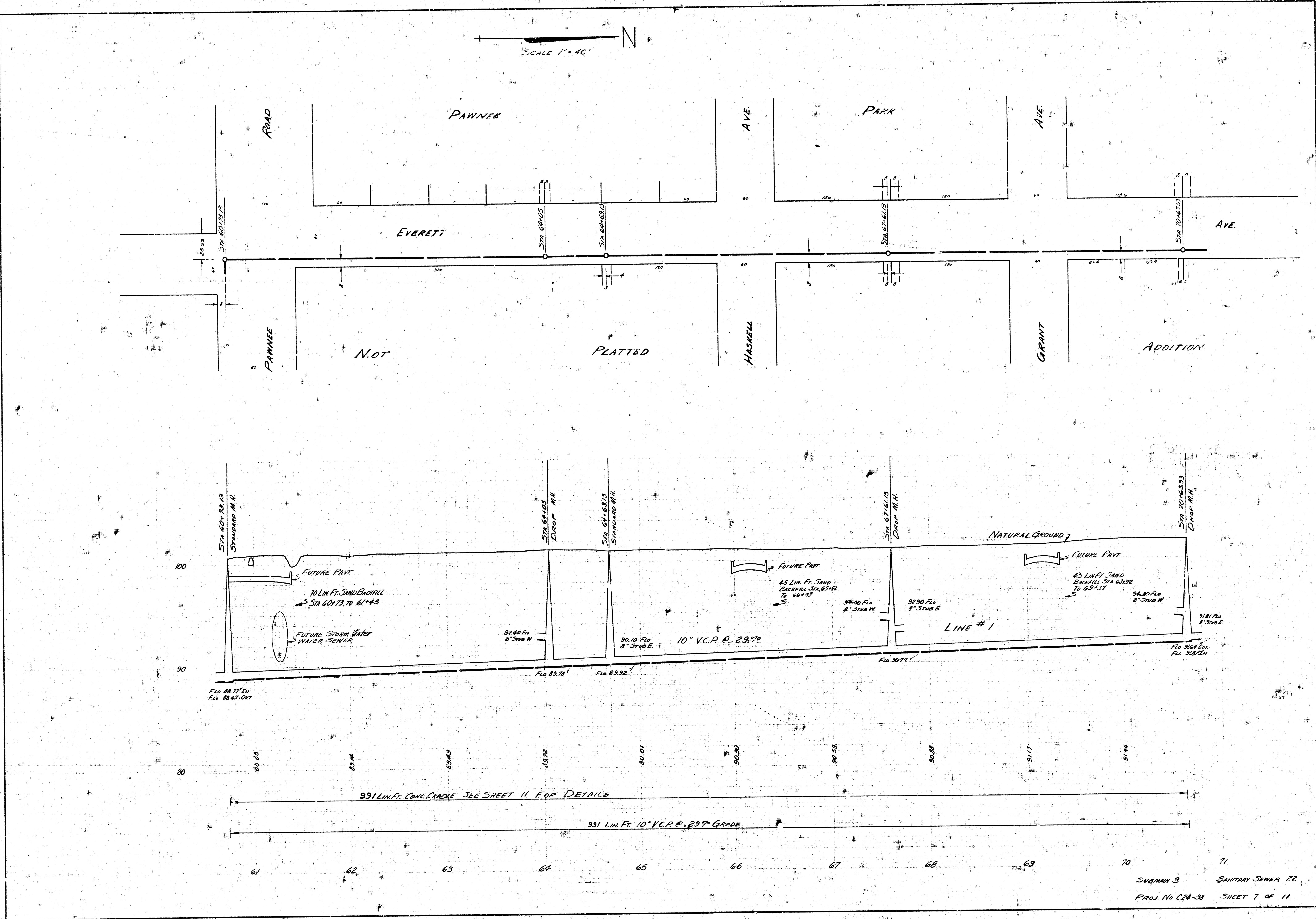


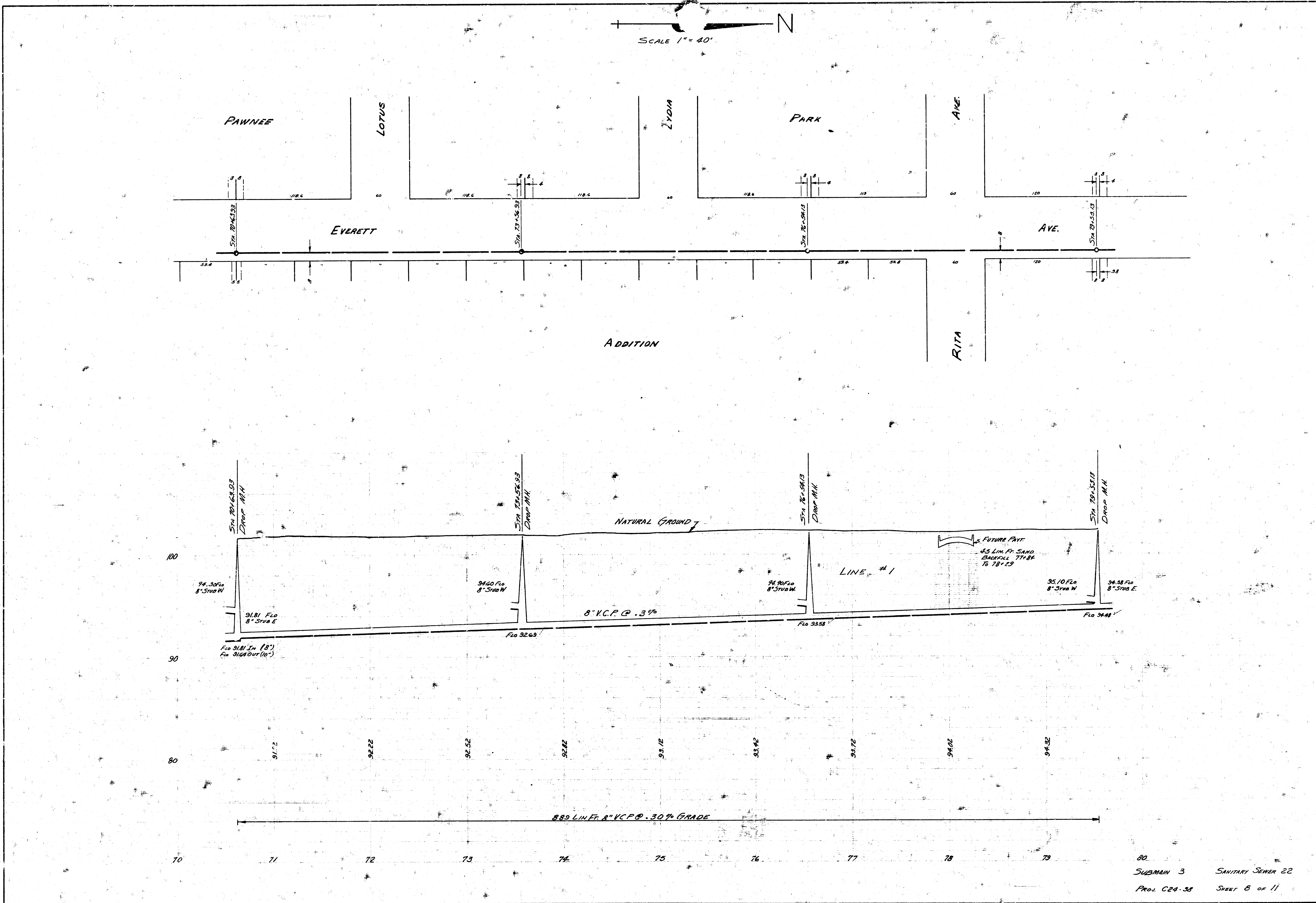


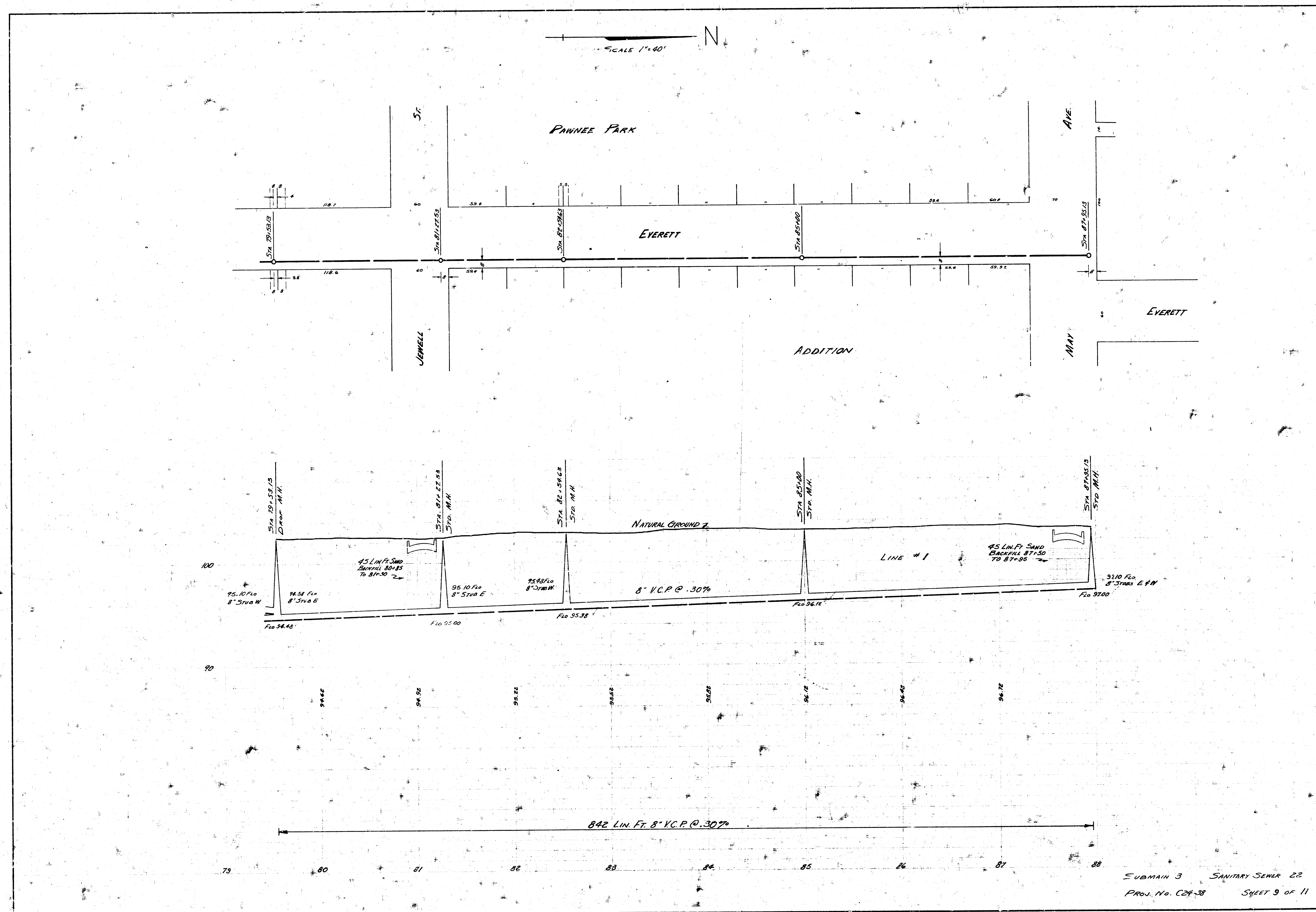


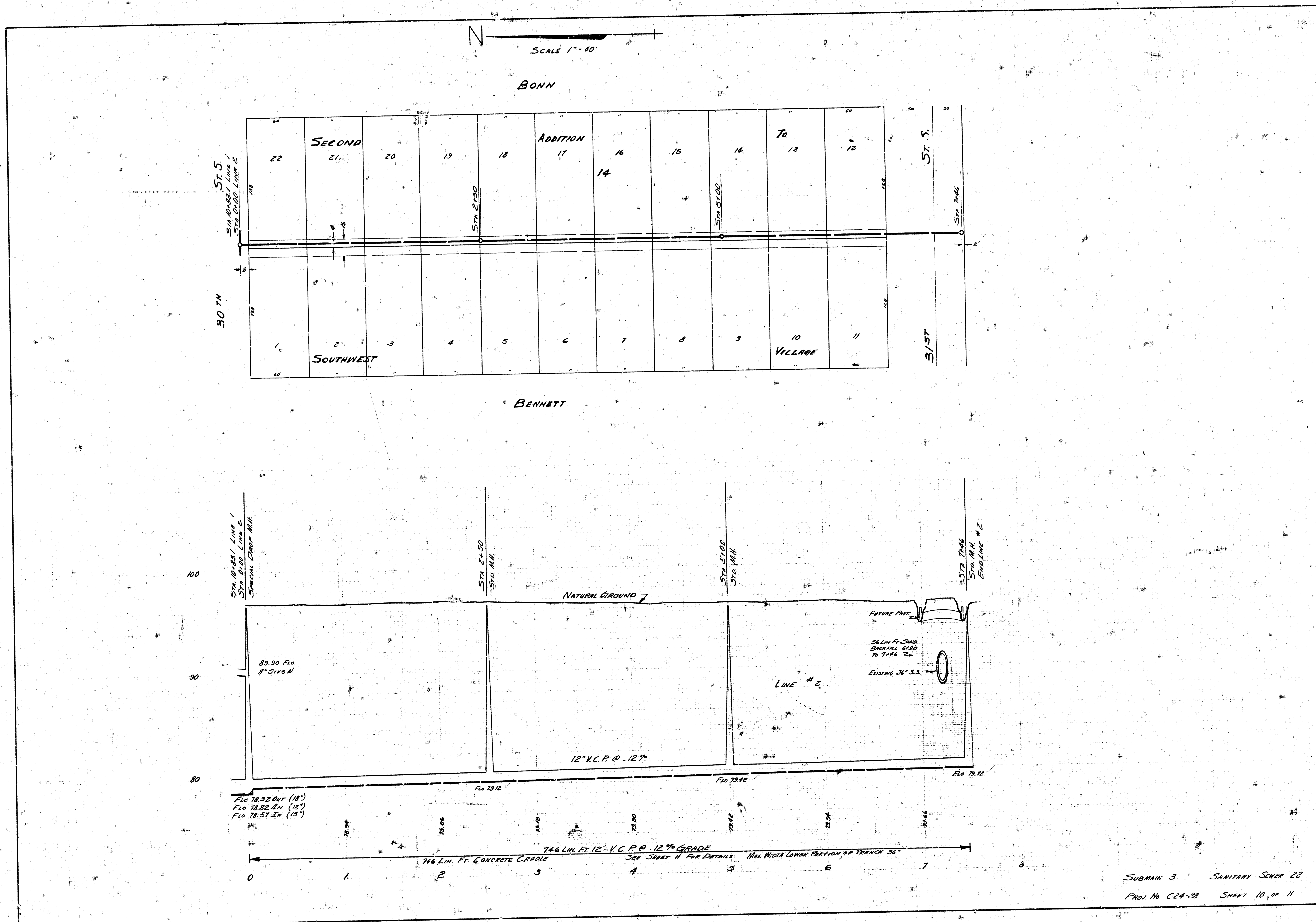




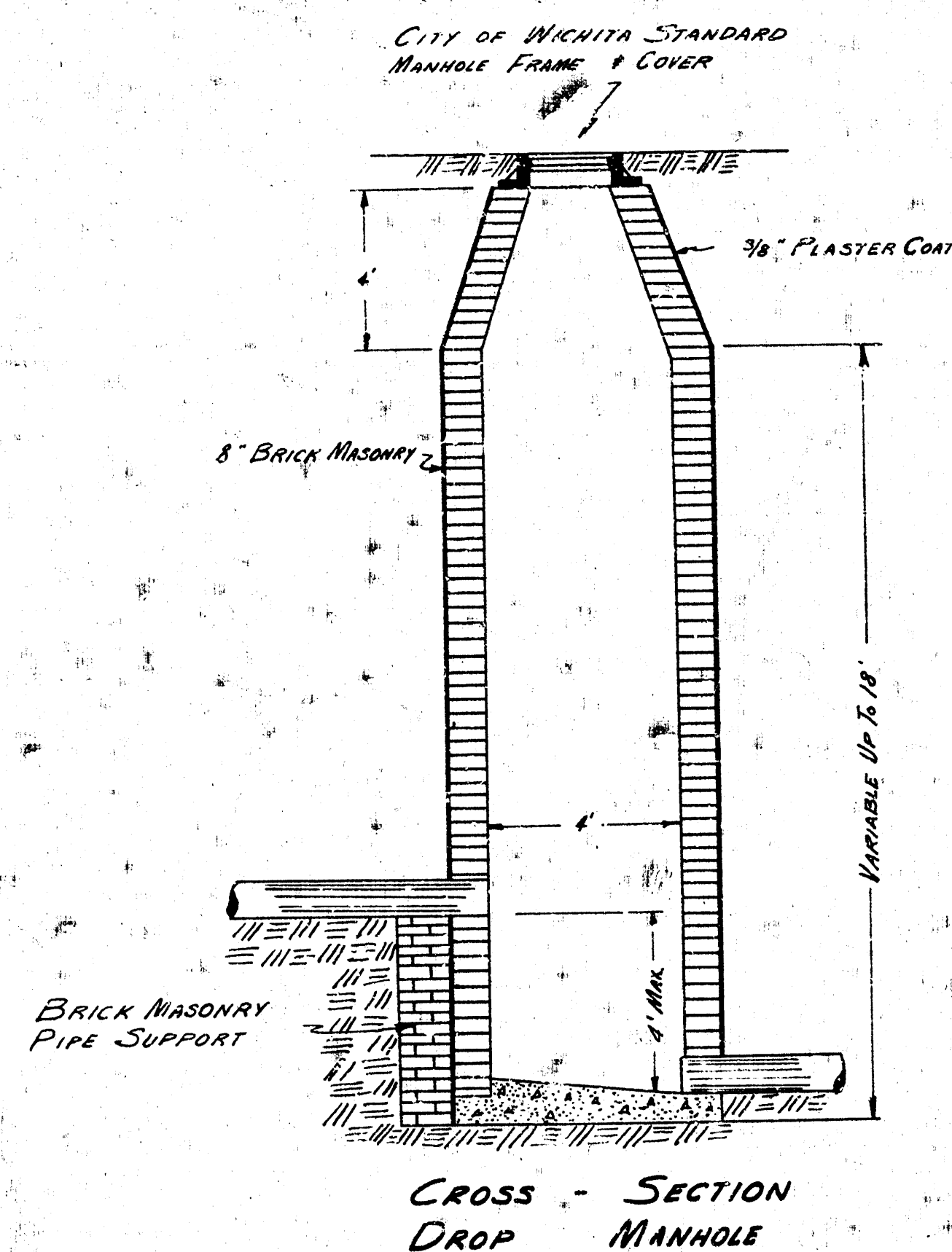








GENERAL NOTES

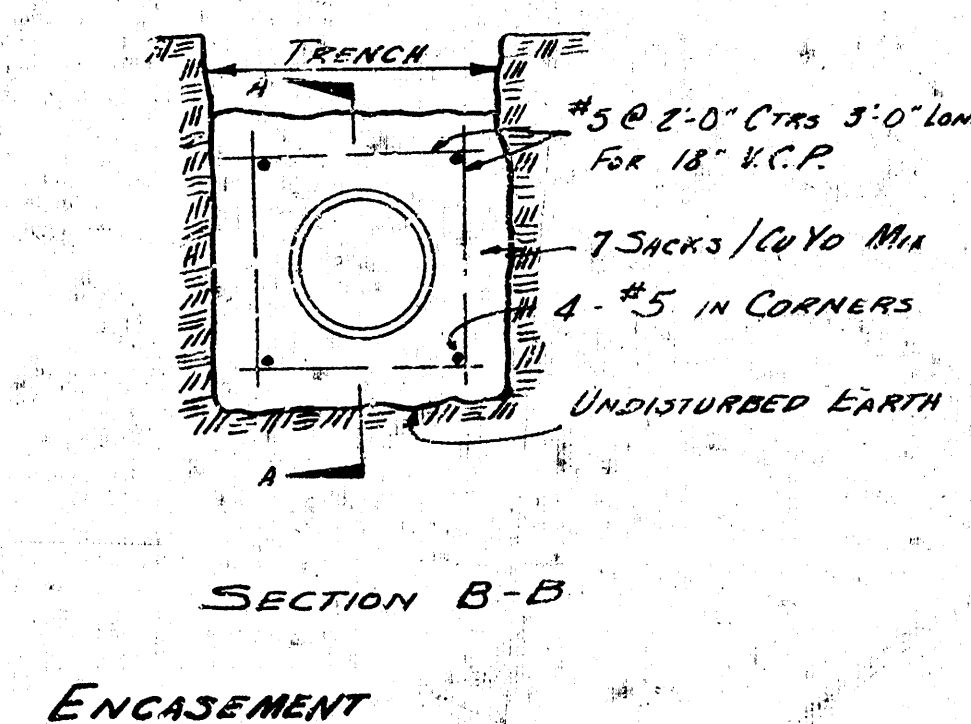
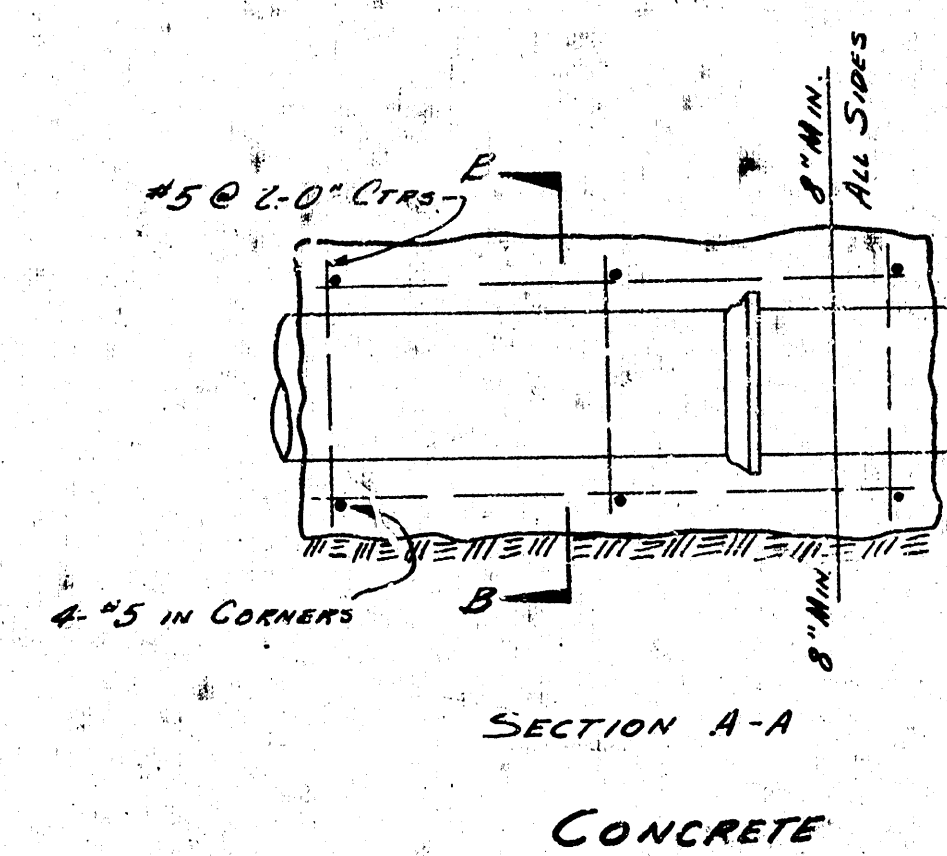
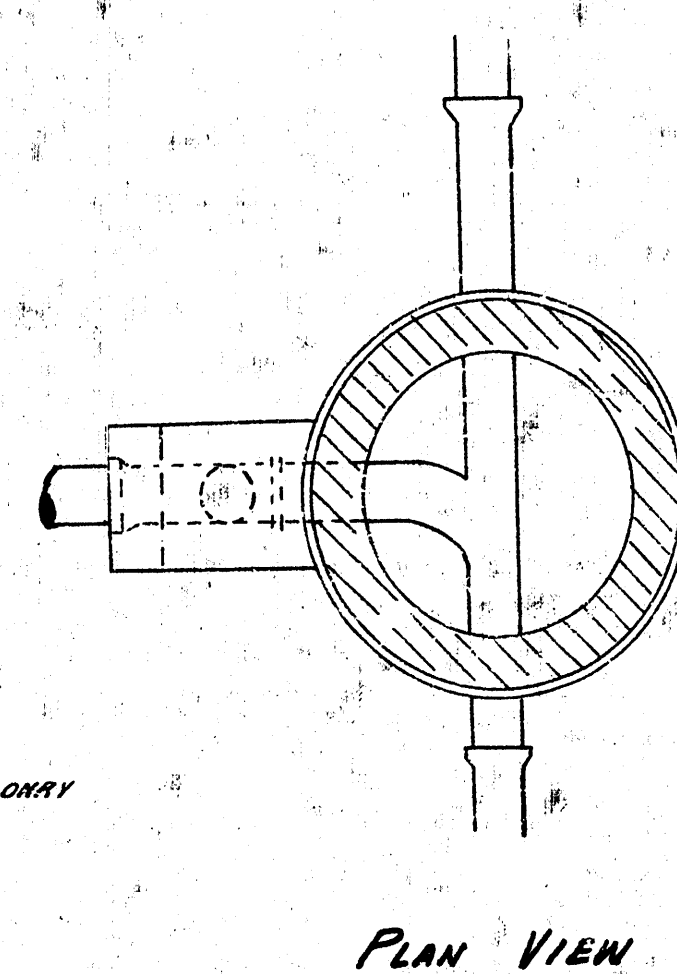
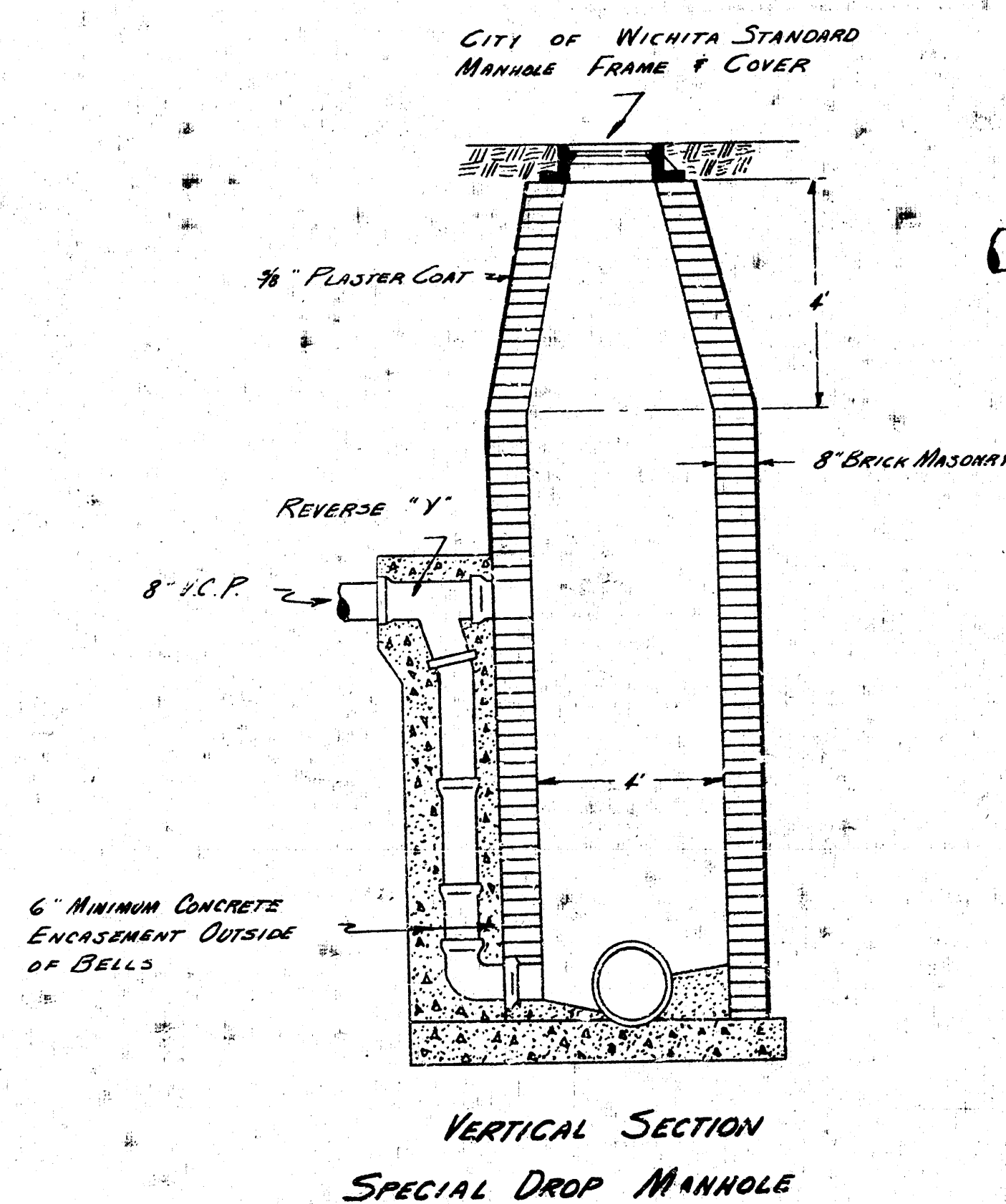
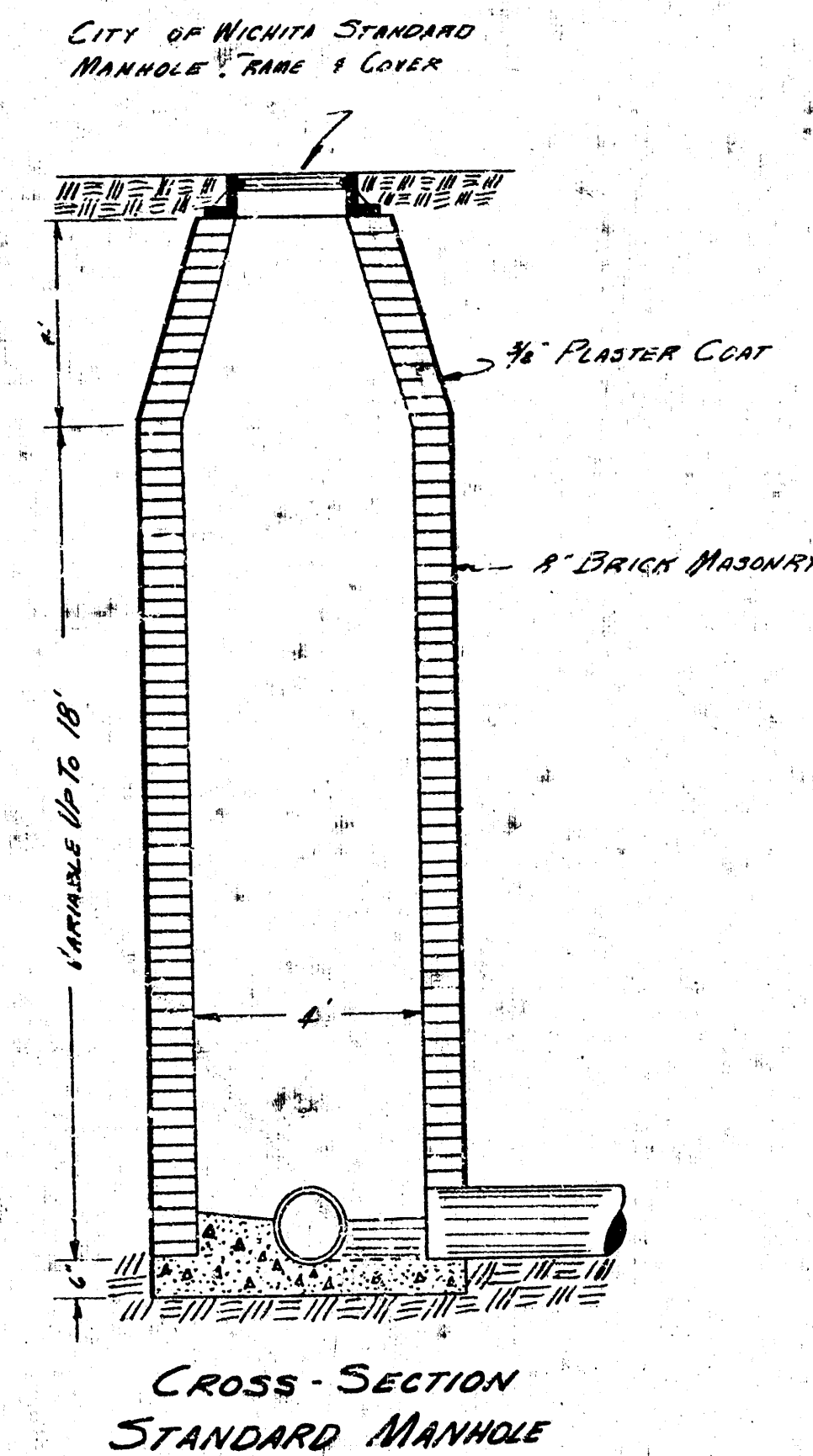


UNAUTHORIZED TRENCH WIDTHS
Where, for any reason, the width of the lower portion of the trench as excavated at any point exceeds the maximum shown on the plan at such point, special pipe embedment, concrete cradle, or concrete encasement as required by loading conditions, and as determined by the Engineer, shall be furnished and installed by and at the expense of the Contractor. The determination of the necessary special embedment, cradle, or encasement, shall be based on the required minimum crushing strength for standard strength clay pipes as determined by the sand bearing method. Trench loadings will be based on saturated topsoil weighing 120 #/ft³, with no allowance for live loads. The lower portion of the trench is defined as the part of the trench below a point 6 inches above the top of the pipe.

SPECIAL EMBEDMENT
The special embedment shown on the plan shall be compacted backfill as directed by the engineer depending upon the character of the backfill material and the location. Backfill compaction methods are (a) Tamping. The compacted pipe embedment material shall extend from the bottom of the trench and for the full width thereof to a depth over the top of the pipe of not less than 6 inches. Backfill material shall be uniformly deposited, in layers not to exceed 6 inches in uncompacted thickness, simultaneously or alternately on each side of the pipe. (b) Flushing or Inundation: Sand in pipe embedment shall be deposited uniformly and simultaneously on each side of the pipe from the bottom of the trench to an elevation not less than 6 inches above the top of the pipe. All sand in pipe embedment shall be compacted by puddling with water to the extent that the sand is completely saturated at every point at some time during the puddling operation. Puddling of sand embedment shall be waived where adequate settlement has been provided, intentional or otherwise, by permitting ground water to rise in, or surface water to enter, the trench to an adequate depth. The cost of special embedment shall be included in the price bid for the sewer pipe of the size installed in each case.

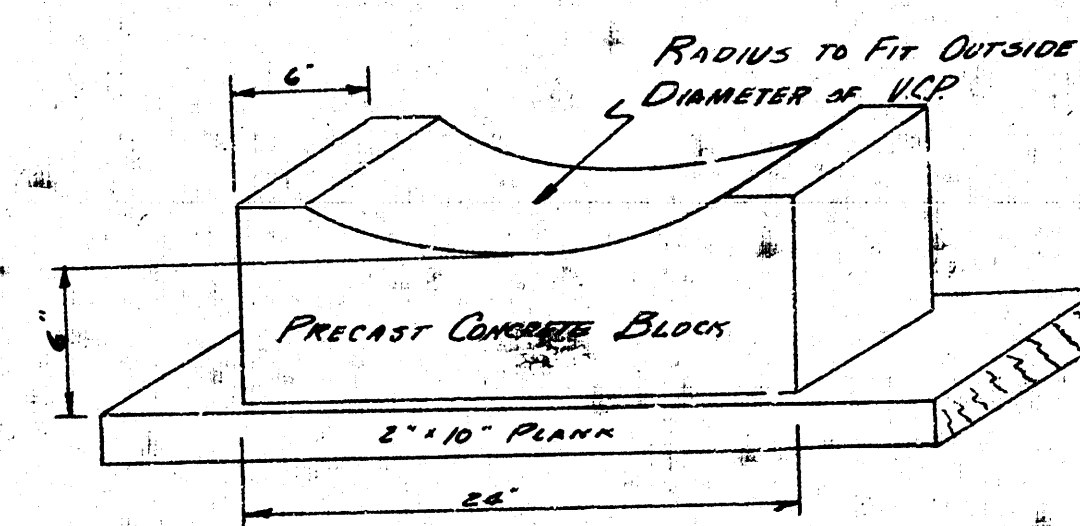
TRENCH PROTECTION THRU DRAINAGE COURSES
Where trenches are constructed across or in ditches or other drainage courses, the backfill shall be protected from soil erosion by adequate means. Where trenches cross right-of-way, the backfill surface exposed on the bottom of the trench shall be protected by means of a concrete curb or pavement. The cost of this riprap shall be included in the bid price of the particular sewer pipe.

STANDARD MANHOLES
Standard manholes & drop manholes shall be bid at one price as Standard Manholes.



NOTE

SPECIAL SINGLE DROP MANHOLES & SPECIAL DOUBLE DROP MANHOLES SHALL BE BID AT ONE PRICE AS SPECIAL DROP MANHOLES.



ONE CONCRETE BLOCK & PLANK TO BE PLACED UNDER EACH JOINT
THE CONCRETE, CONCRETE BLOCK, & PLANK ARE ALL INCLUDED IN THE BID PRICE PER LIN. FT. OF CRADLE

