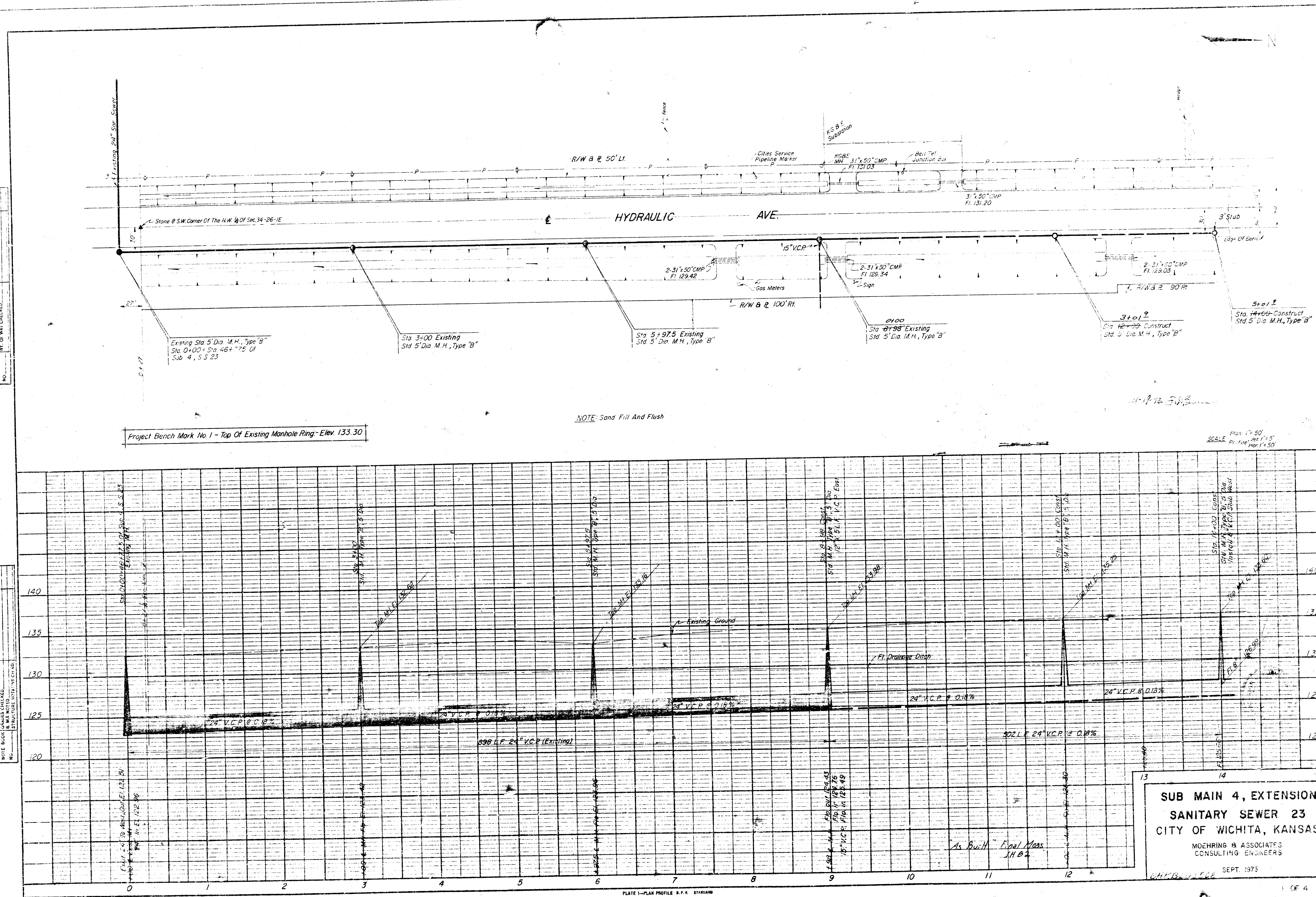
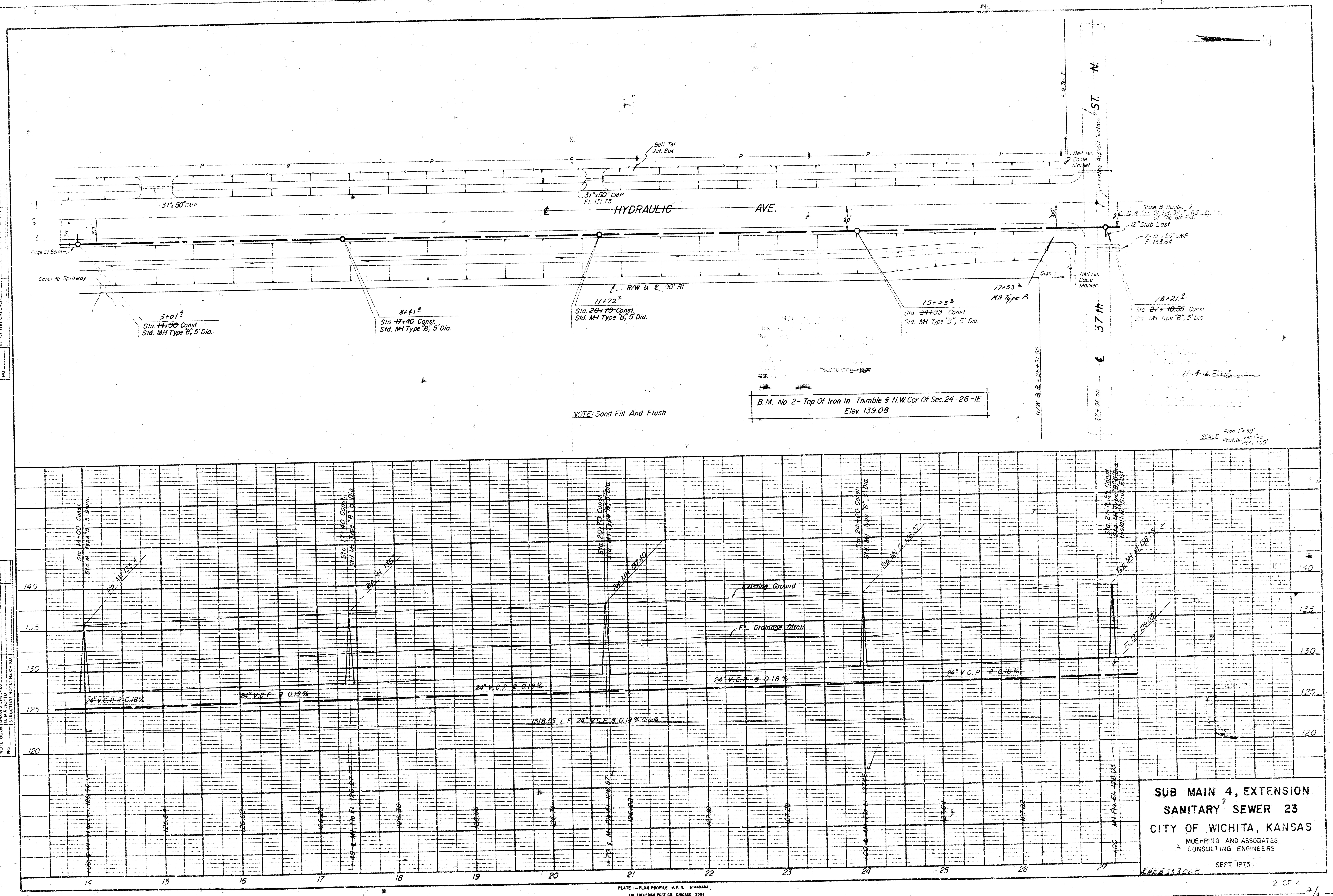


SUB MAIN 4, EXTENSION
SANITARY SEWER 23
CITY OF WICHITA, KANSAS

MOEHRING & ASSOCIATES
CONSULTING ENGINEERS

SEPT. 1973

PLATE 1—PLAN PROFILE B.P.R. STANDARD
THE FREDERICK POST CO. CHICAGO - 286-1



SUB MAIN 4, EXTENSION
SANITARY SEWER 23
CITY OF WICHITA, KANSAS
MOEHRING AND ASSOCIATES
CONSULTING ENGINEERS
SEPT. 1973

COUNTY OF SEDGWICK
HIGHWAY DEPARTMENT

SEDGWICK COUNTY COURTHOUSE

1635 St. Francis
Wichita, Kansas 67203
OFFICE OF
COUNTY ENGINEER

PHONE 268-7201

November 1, 1973

Mr. Don Moehring II
Brown Building
Wichita, Kansas

Dear Mr. Moehring,

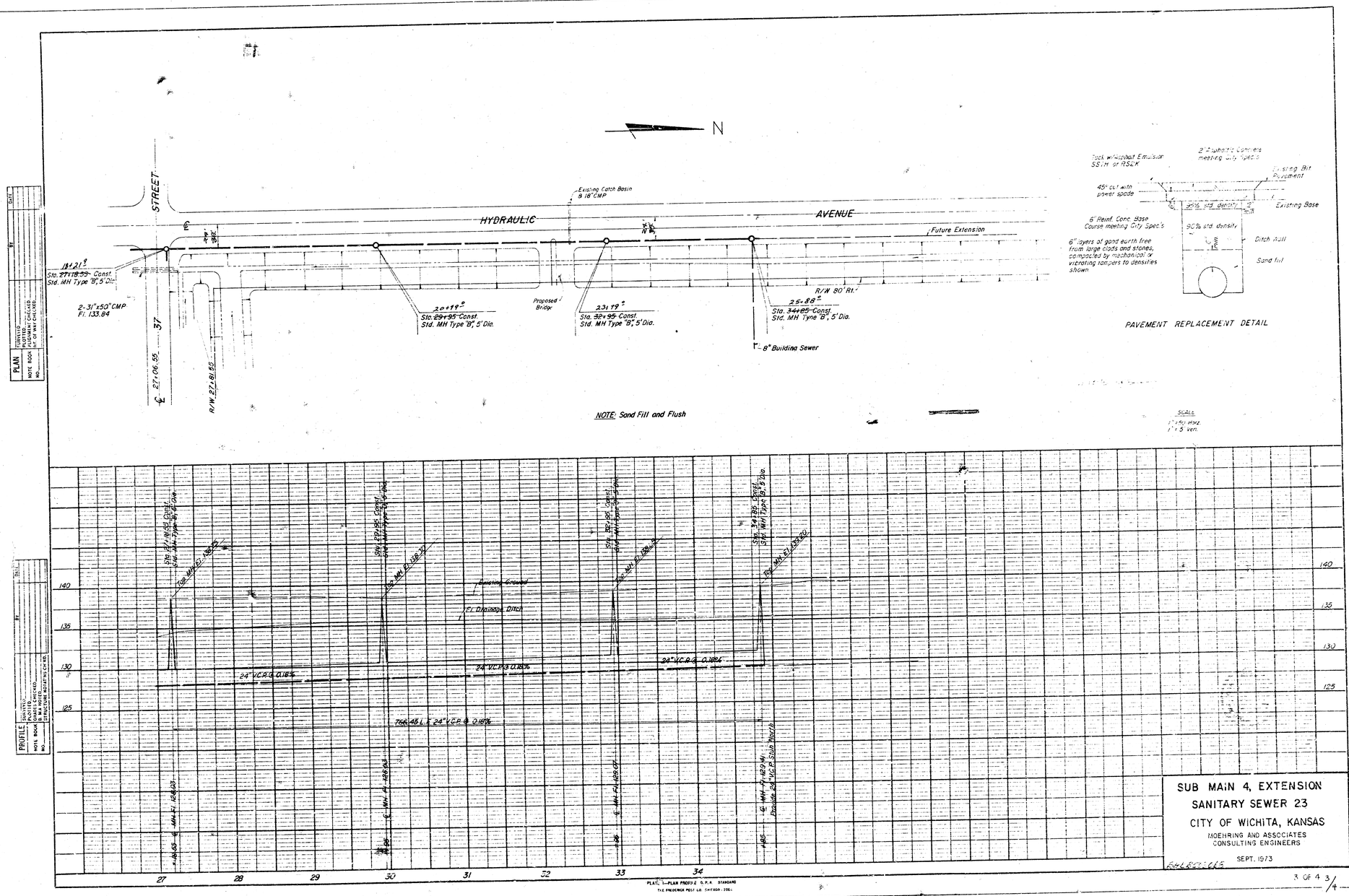
This office has examined the plans for Sub Main 4, Extension Sanitary Sewer 23, City of Wichita, Kansas. We have no objection for its approval.

Very truly yours,

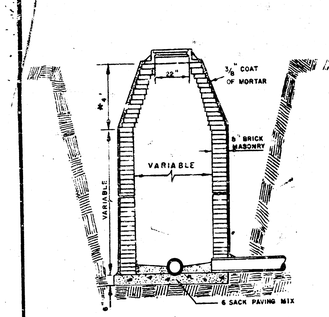
C. C. McLure, Jr., P. E.
Sedgwick County Engineer

N. J. Graham

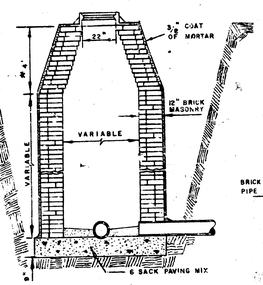
N. J. Graham
Engineering Aide II



FILMED FROM THE BEST AVAILABLE COPY....

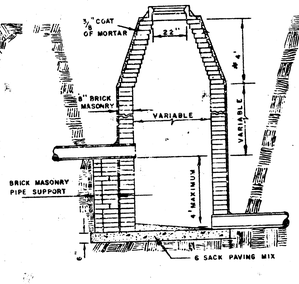


STANDARD MANHOLE
TYPE "A"

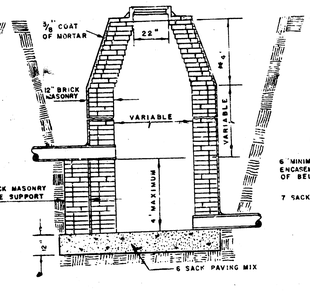


STANDARD MANHOLE
TYPE "B"

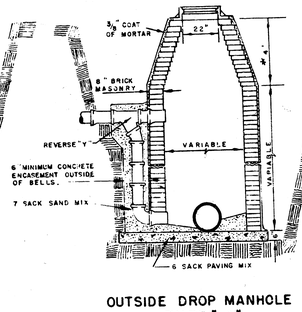
* DRAW = 6' ON 5' DIA. M.H.



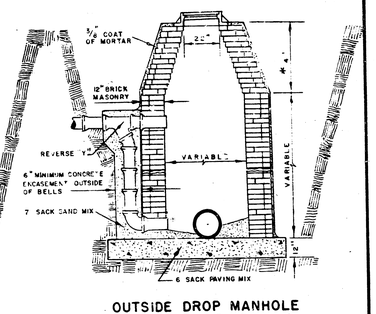
DROP MANHOLE
TYPE "A"



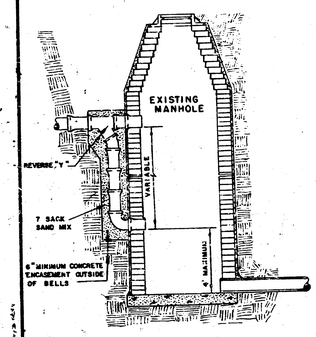
DROP MANHOLE
TYPE "B"



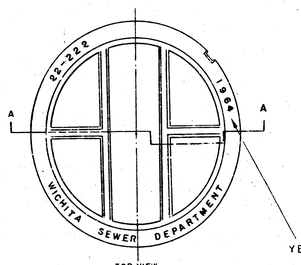
OUTSIDE DROP MANHOLE
TYPE "A"



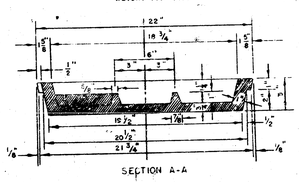
OUTSIDE DROP MANHOLE
TYPE "B"



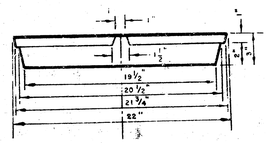
DETAIL OF DROP STACK
FOR EXISTING MANHOLES IN GROUND WATER



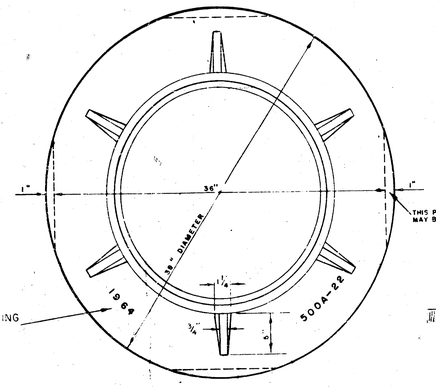
TOP VIEW
MANHOLE COVER
WEIGHT 110 lbs.



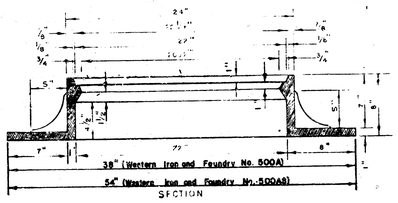
SECTION A-A
MANHOLE COVER



SIDE VIEW
MANHOLE COVER

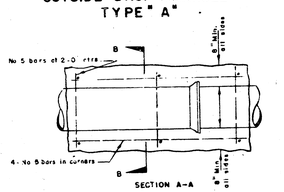


TOP VIEW
MANHOLE RING
WEIGHT 355 lbs.

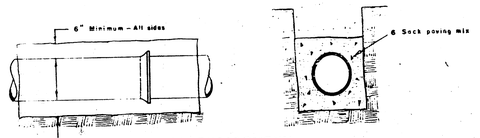


SECTION
MANHOLE RING

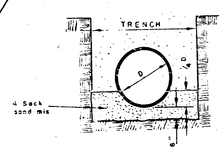
OUTSIDE CIRCUMFERENCE OF COVER AND THE INNER FACE AND SEAT OF RING TO BE MACHINE FIT.



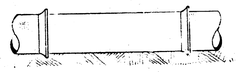
REINFORCED CONCRETE ENCASEMENT
FOR STRENGTH



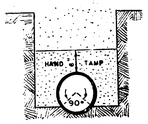
CONCRETE ENCASEMENT
FOR COVER

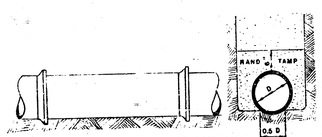


DETAIL OF CONCRETE CRADLE



ORDINARY BEDDING METHOD
FOR CLAY PIPE





ORDINARY BEDDING METHOD
FOR REINFORCED CONCRETE PIPE

MANHOLES

THE CONCRETE USED FOR MORTAR IN MANHOLES SHALL CONTAIN 8 SACKS OF CEMENT PER CUBIC YARD.

STANDARD MANHOLES AND DROP MANHOLES, REGARDLESS OF DIAMETER, SHALL BE BID AT ONE PRICE AS STANDARD MANHOLES.

SINGLE OR DOUBLE OUTSIDE DROP MANHOLES SHALL BE BID AT ONE PRICE AS OUTSIDE DROP MANHOLES.

ALL MANHOLES WITH PIPES LARGER THAN 24" SHALL BE 5' DIAMETER UNLESS OTHERWISE SPECIFIED ON PLAN. ALL M.H.'S WITH PIPES 24" & SMALLER SHALL BE 4' DIA.

DETAILS OF
SEWER APPURTENANCES
ADOPTED AS STANDARD DESIGN
BY
ENGINEERING DIVISION
CITY OF WICHITA, KANSAS
R. W. LINN CITY ENGINEER
1964

Sheet 13 OF 4

FILMED FROM THE BEST AVAILABLE COPY....