PLANS

SANITARY SEWER EXTENSIONS

NORTH WOODLAWN ADDITION

BEL AIRE IMPROVEMENT DISTRICT

CITY PROJECT NO. DBKW705019
PRIVATE CONTRACT

REISS AND GOODNESS ENGINEERS
2160 E. DOUGLAS WICHITA, KANSAS

1975

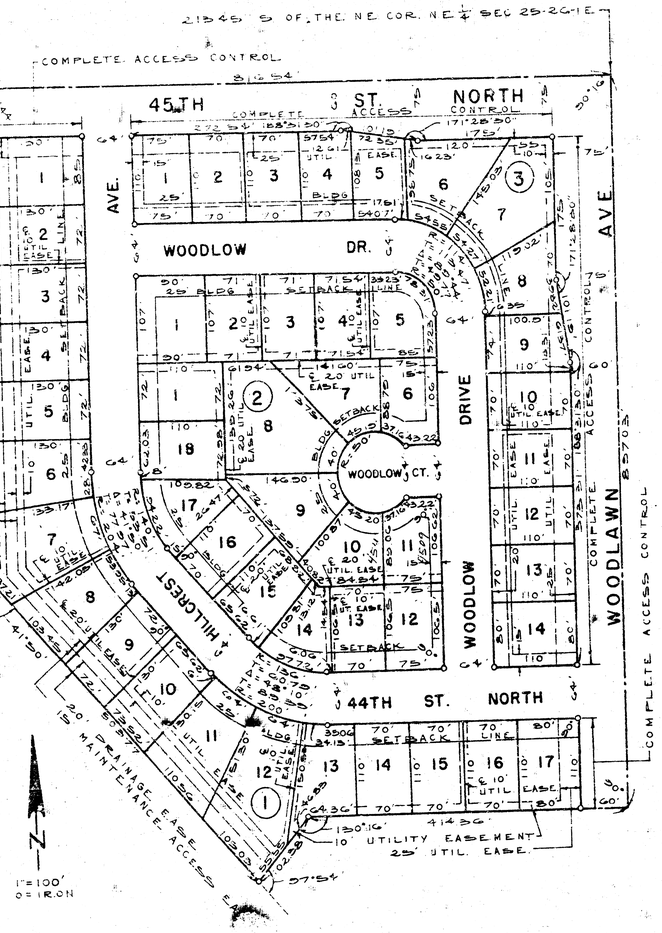
NOTE TO CONTRACTOR
This project will be constructed under the supervision of the CITY ENGINEER and conforming to the SPECIFICATIONS of the CITY OF WICHITA. The Contractor will reimburse the City of Wichita for all cost of Engineering, Plans and Inspection.

Bel Aire Improvement District

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA
Sanitary Sewers 4-30-75 [illegible]
Storm Sewers
Driveway Approaches

NORTH WOODLAWN ADDITION

SEDGWICK COUNTY, KANSAS



This plat approved and all dedications shown hereon accepted by the Board of County Commissioners of Sedgwick County, Kansas, this _____ day of _____, 19_____.

_____, Chairman
Earl E. Rush

_____, Commissioner
Tom Scott

ATTEST: _____, Commissioner
John Hale

_____, County Clerk
George Pierce

Entered on transfer record this _____ day of _____, 19_____.

_____, County Clerk
George Pierce

State of Kansas, County of Sedgwick, SS.

This is to certify that this instrument was filed for record in the Register of Deeds Office, at _____ o'clock ___.m., on the _____ day of _____, 19_____.

_____, Register of Deeds
Bette F. McCart

_____, Deputy
Pearl B. Gilbert

State of Kansas, County of Sedgwick, SS.

I, Kenneth O. Taylor, Civil Engineer in said State and County, do hereby certify that I have surveyed and platted "NORTH WOODLAWN ADDITION", Sedgwick County, Kansas, and that the accompanying plat is A REPLAT OF and a true and correct exhibit of said survey described as follows: Lot 17, Block 1 and Lot 14, Block 2 in Pearsons First Addition to Sedgwick County, Kansas, also Clarendon Street from the south line of 45th Street North to the southerly line of said Lot 14, Block 2 extended to the southeast, also 45th Street North as platted in said Pearsons First Addition from the west line of said Lot 14, Block 2 extended to the north to the east line of said Lot 17, Block 1 extended to the north and also Woodlawn Avenue as platted in said Pearsons First Addition from the south line of said Lot 17, Block 1 extended to the east to the north line of 45th Street North, said lots, streets and avenue being vacated and replatted by virtue of K.S.A. 1970 Supp. 12-512(b).

_____, Civil Engineer
Kenneth O. Taylor

Know all men by these presents that M and B Investment, Inc. by Howard T. Murray, President, has caused the land described in the Civil Engineer's certificate to be platted into lots, blocks and streets to be known as "NORTH WOODLAWN ADDITION", Sedgwick County, Kansas.

The streets are hereby dedicated to and for the use of the public. Utility easements as indicated on the plat are hereby granted for the construction and maintenance of all public utilities. Drainage easements as indicated on the plat are hereby granted for drainage purposes. Maintenance and access easements as indicated on the plat are hereby granted.

All abutter's rights of access to or from 45th St. North, over and across the north line of Lot 1, Block 1 and Lots 1, 2, 3, 4, 5, 6 and 7, Block 3 are hereby granted to the appropriate governing body. All abutter's rights of access to or from Woodlawn Avenue, over and across the east line of Lot 17, Block 1 and Lots 7, 8, 9, 10, 11, 12, 13 and 14, Block 3 are hereby granted to the appropriate governing body.

M and B Investment, Inc.

ATTEST: _____, President
Howard T. Murray

_____, Secretary

State of Kansas, County of Sedgwick, SS.

The foregoing instrument was acknowledged before me this _____ day of _____, 19_____ by Howard T. Murray, President of M and B Investment, Inc., a Kansas corporation, on behalf of the corporation.

_____, Notary Public

Know all men by these presents that Fourth National Bank and Trust Co., Wichita, Wichita, Kansas, by _____, _____, mortgagee of the land described in the Civil Engineer's certificate does hereby consent to the platting of "NORTH WOODLAWN ADDITION", Sedgwick County, Kansas.

Fourth National Bank and Trust Co. of Wichita, Wichita, Kansas

ATTEST: _____, _____

_____, _____

State of Kansas, County of Sedgwick, SS.

The foregoing instrument was acknowledged before me this _____ day of _____, 19_____ by _____, _____ of Fourth National Bank and Trust Co. of Wichita, Wichita, Kansas, a Kansas corporation, on behalf of the corporation.

_____, Notary Public

This plat of "NORTH WOODLAWN ADDITION", Sedgwick County, Kansas, has been submittod to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.
Dated this _____ day of _____, 19_____.

Wichita-Sedgwick County Metropolitan Area Planning Commission

By _____, Chairman
Harlan R. Kamen

_____, Secretary
Robert A. Lakin

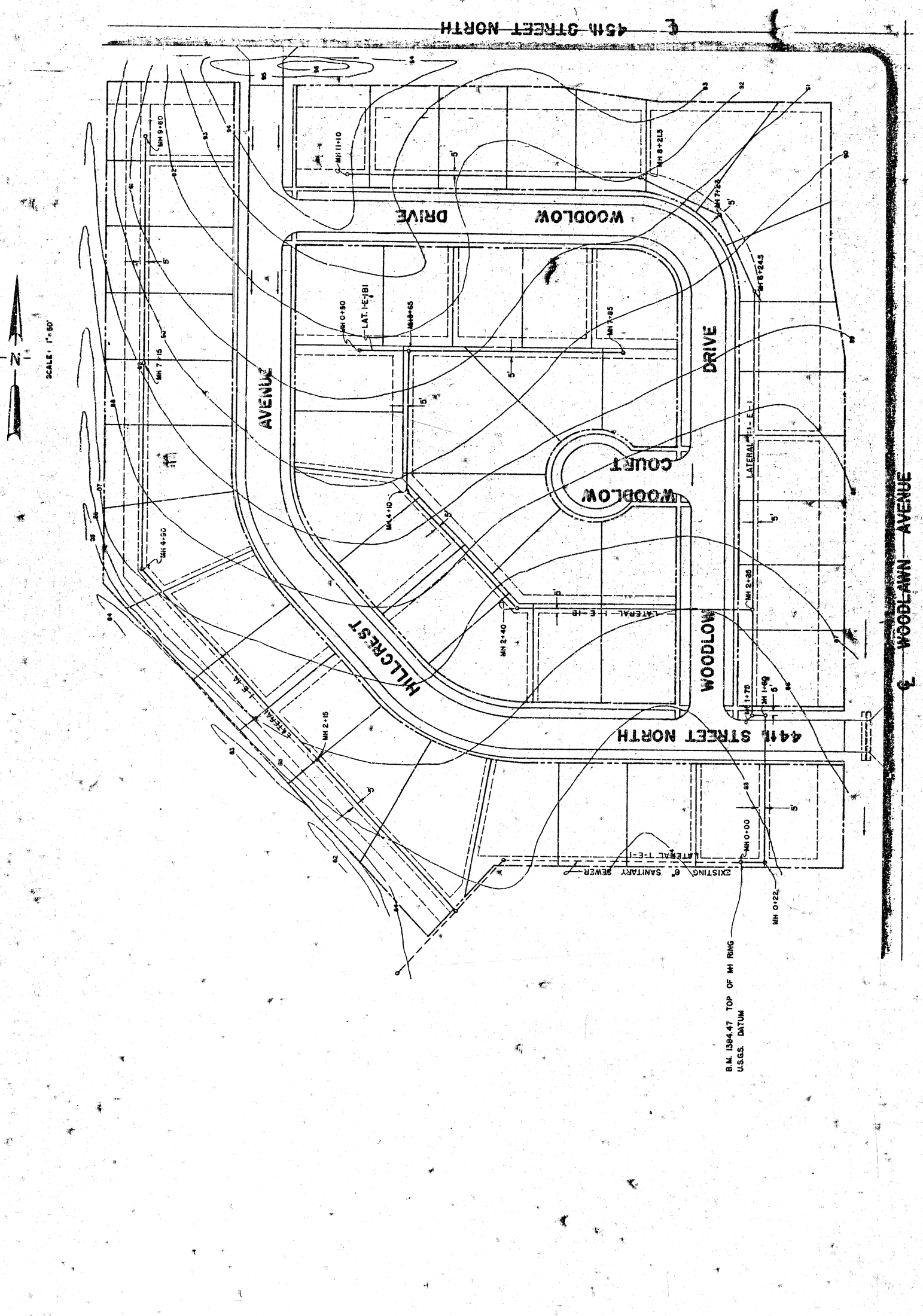
This plat approved and all dedications shown hereon accepted by the Board of City Commissioners of the City of Wichita, Kansas, this _____ day of _____, 19_____.

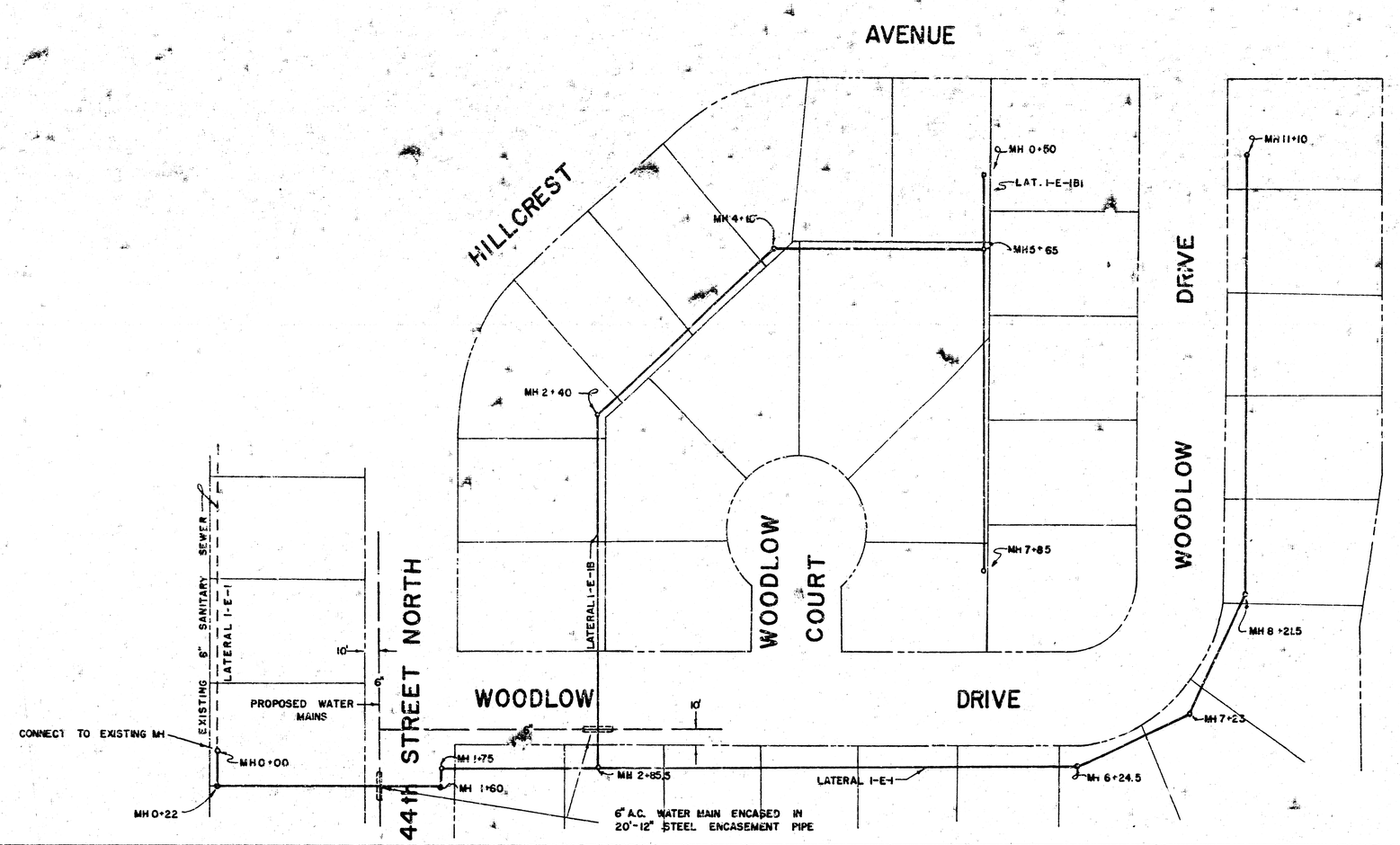
_____, Mayor
Garry L. Porter

_____, City Clerk
Don Gisick

SANITARY SEWER EXTENSIONS

NOTE: ALL MANHOLES TO BE TYPE A OR TYPE C.





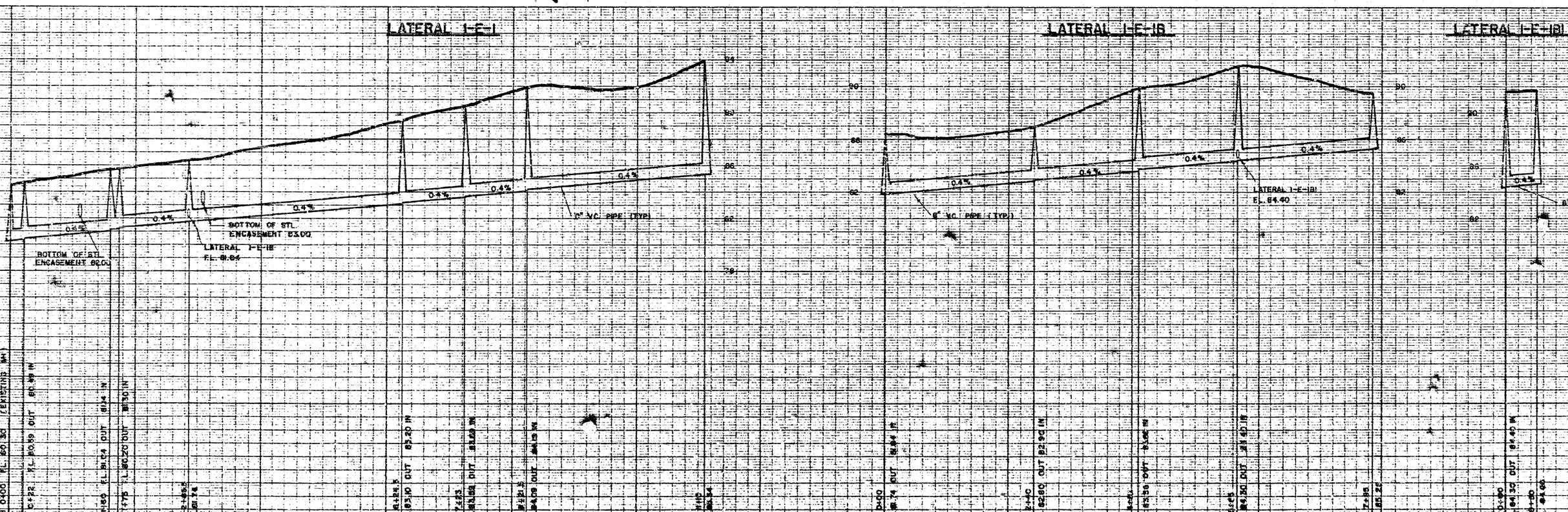
N

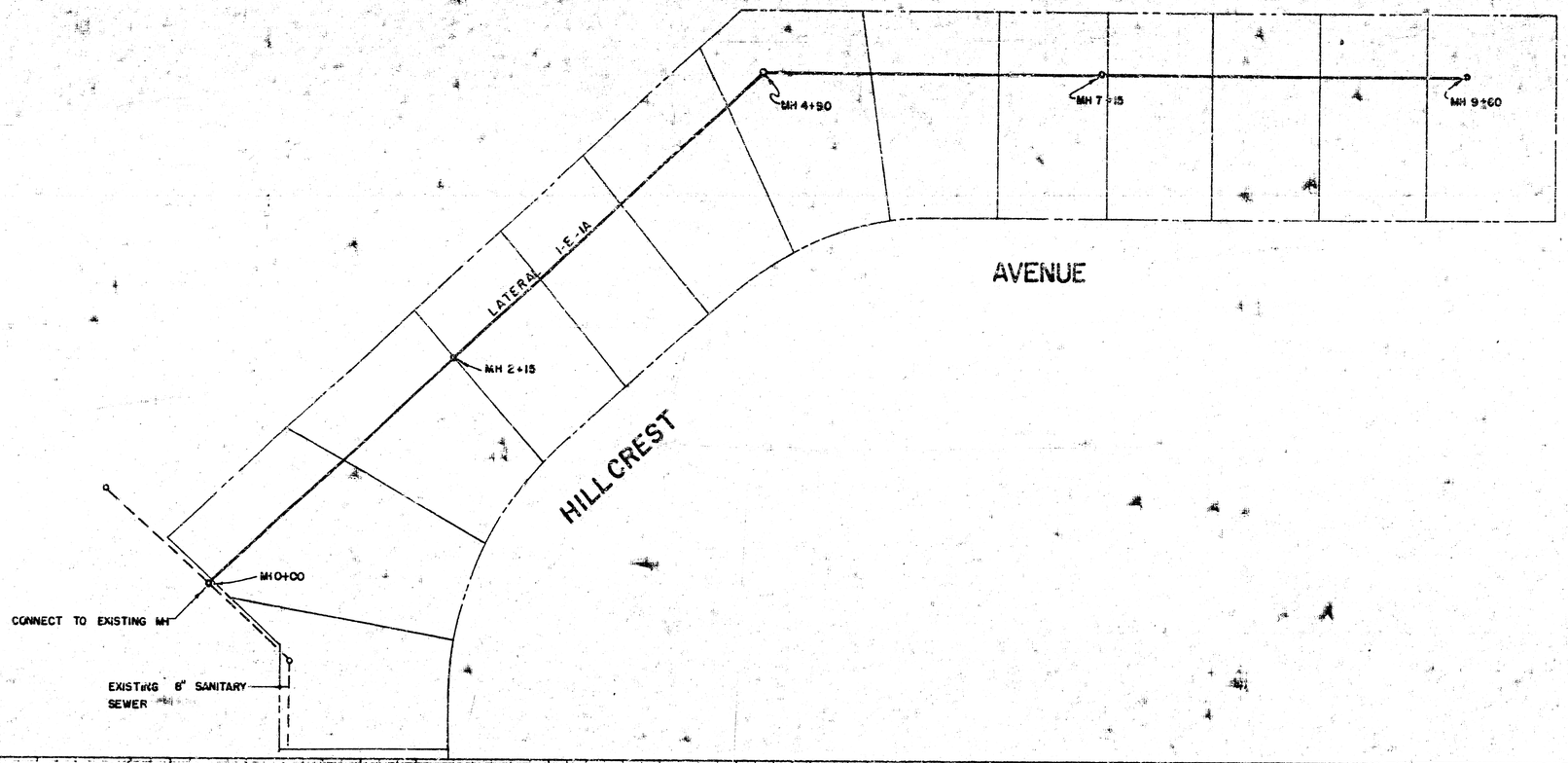
PLAN SCALE 1" = 50'

PROFILE
HORIZ. 1" = 60'
VERT. 1" = 4'

APPROVED
6-30-75

NOTE TO CONTRACTOR
This project will be constructed under the supervision of the CITY ENGINEER and in accordance with the SPECIFICATIONS of the CITY OF [redacted] DATED. The [redacted] Bel Aire Improvement District [redacted] hereby authorizes the City of [redacted] to perform the work and does [redacted] operation.





PLAN SCALE: 1" = 50'

PROFILE

HORIZ. 1" = 80'

VERT. 1" = 4'

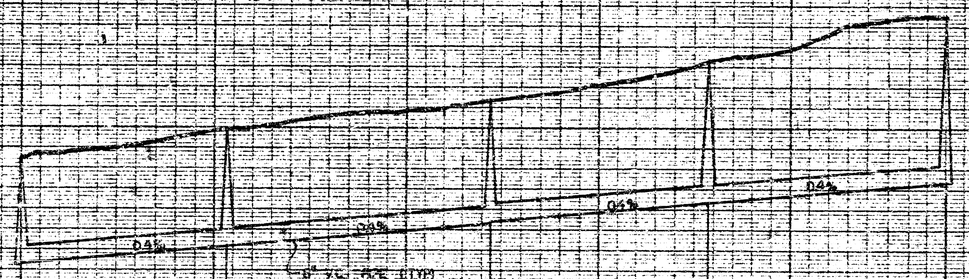
6-30-72

NOTE TO CONTRACTOR

This project will be constructed under the supervision of the CITY ENGINEER and conforming to the SPECIFICATIONS of the CITY OF WICHITA. This [illegible] will require the City of Wichita [illegible] Bel Aire Improvement District

[illegible]

LATERAL I-E-1A

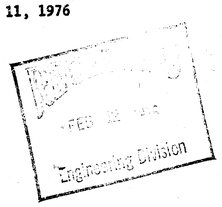


REGISTERED PROFESSIONAL ENGINEERS:
CHARLES M. GOODNESS
AL E. REISS

PHONE (316) 264-1391

REISS & GOODNESS ENGINEERS
Consulting Engineers
2160 E. DOUGLAS AVE.
WICHITA, KANSAS 67214

February 11, 1976



Don Schneider
Engineering Division
Department of Public Works
7th Floor, City Bldg.
455 N. Main
Wichita, KS 67202

Dear Don:

Enclosed are the "As Built" maps of the sewer extensions in North Woodlawn Addition and Fountain Hills Addition. The pipe grades of the sewer extensions in North Woodlawn were constructed exactly the same as shown on the original plans except for Lateral 1-K-1a. F.L. grades at the manholes of this lateral are as follows:

MH 0+00	78.72
MH 2+15	79.58
MH 4+90	80.68 out 80.78in
MH 7+15	81.68
MH 9+60	82.66

Very truly yours,

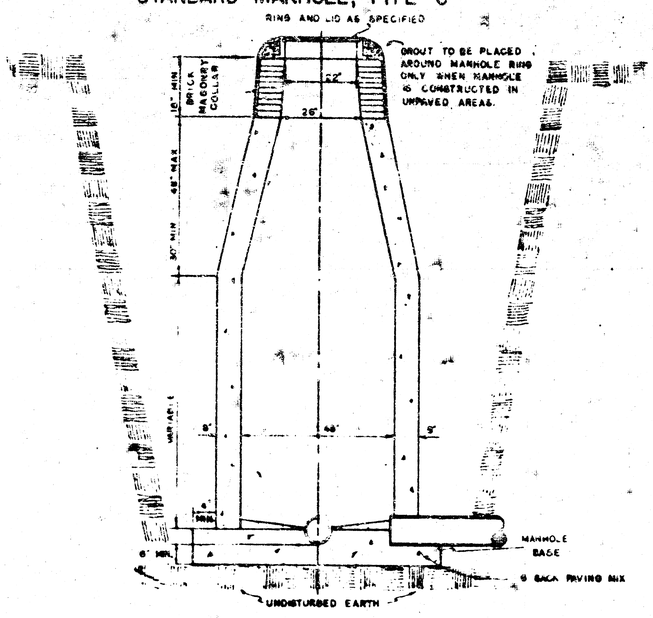
REISS & GOODNESS ENGINEERS

Kenny E. Hill

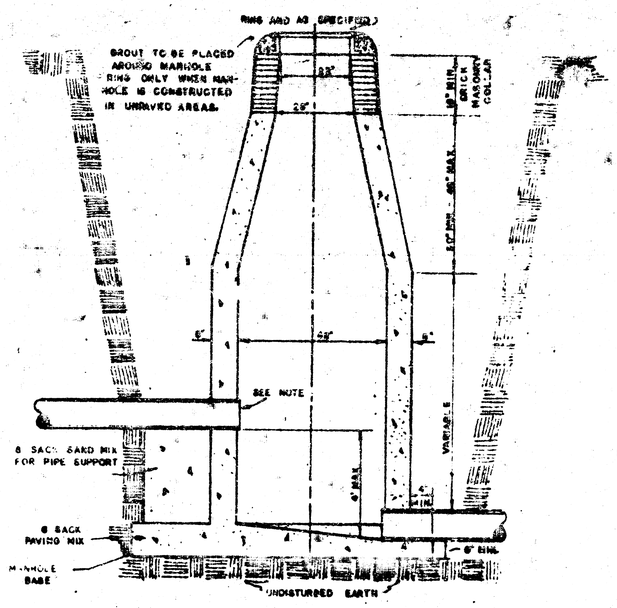
Kenny E. Hill, E.I.T.

KEH/dg
Enclosures

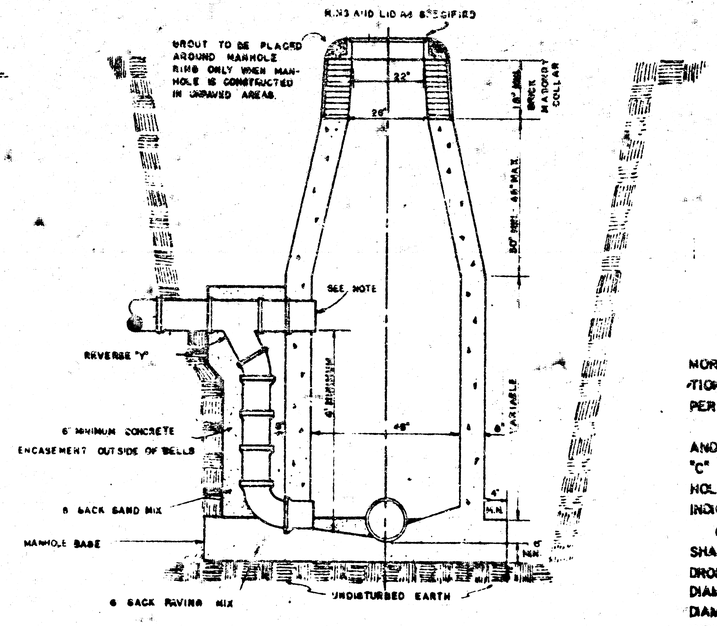
STANDARD MANHOLE, TYPE "C"



DROP MANHOLE, TYPE "C"



OUTSIDE DROP MANHOLE, TYPE "C"



GENERAL NOTES

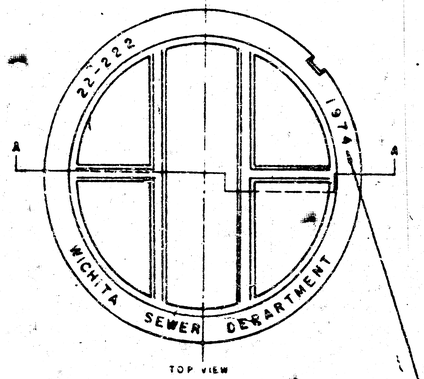
MORTAR USED IN MASONRY CONS
TION SHALL CONTAIN 6 SACKS OF
PER CUBIC YARD.

STANDARD MANHOLES TYPE
AND STANDARD DROP MANHOLES
"C" SHALL BE BID AS STANDARD
HOLES FOR THE TYPE AND DIAME
INDICATED.

OUTSIDE DROP MANHOLES TYPE
SHALL BE BID AS STANDARD OUTS
DROP MANHOLES FOR THE TYPE A
DIAMETER INDICATED. ALL MANH
DIAMETERS WILL BE 4FT. UNLE
INDICATED OTHERWISE. MANHOLE
WITH PIPE SIZES LARGER THA
24" SHALL BE 5FT. DIAMETER.

THE FLOORS OF ALL MANHOLES
SHALL BE SHAPED TO INCREASE
HYDRAULIC EFFICIENCY USING 6 S
SAND MIX CONCRETE.

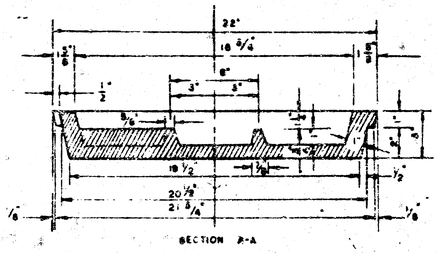
CAST IN PLACE CIRCULAR CO
MANHOLES ARE TO BE CONSTRUCT
ONLY ON SEWERS NOT SUBJECT T
DETERIATION OF CONCRETE DUE T
FORMATION OF HYDROGEN SULFI
GAS AND IN LOCATIONS WHERE
IS OBVIOUS THAT ANY ADJUSTME
OF THE MANHOLE TOP ELEVATION
WHICH MAY BE NECESSARY WILL
REQUIRE MODIFICATION OF THE CO
CRETE BARREL.



TOP VIEW

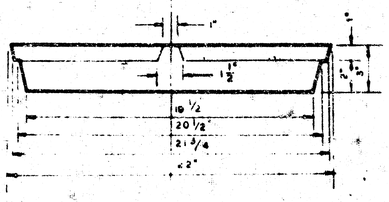
MANHOLE COVER

WEIGHT 110 LBS.



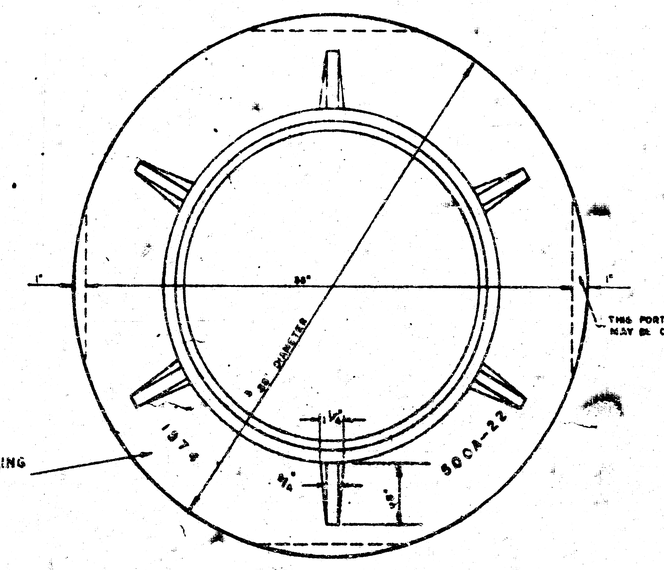
SECTION A-A

MANHOLE COVER



SIDE VIEW

YEAR CASTING IS MADE

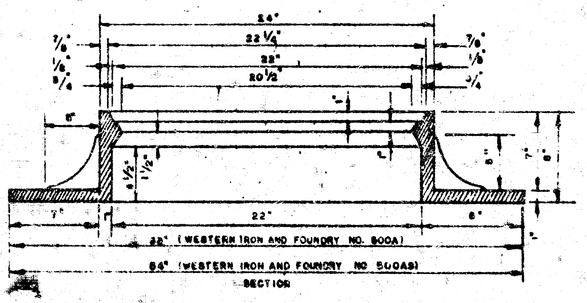


TOP VIEW

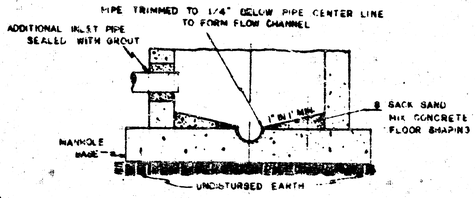
OUTSIDE CIRCUMFERENCE OF COVER AND THE INNER FACE AND SEAT OF RING TO BE MACHINE FIT

MANHOLE RING

WEIGHT 325 LBS. RING NO. SCCA
WEIGHT 500 LBS. SIZE NO. SCCA-22



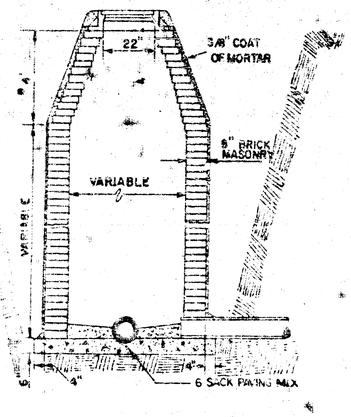
SECTION



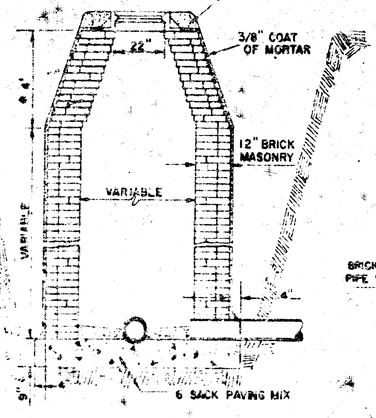
SECTIONAL ELEVATION—INVERT

NOTE: OPENING FOR INLET PIPE CUT IN MANHOLE WALL AND PIPE GROUTED IN PLACE WITH NON-SHRINKING GROUT. EXTERIOR OF COMPLETED CONNECTION TO BE SEALED WITH APPROVED COATING.

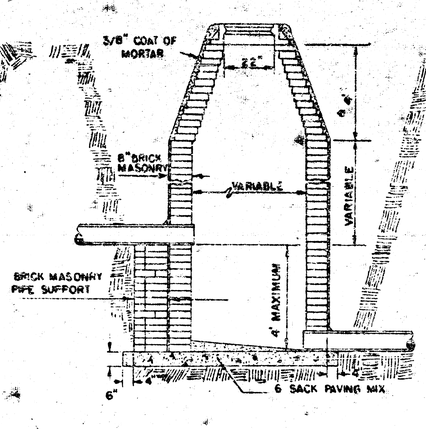
DETAILS OF
SEWER APPURTENA
ADOPTED AS STANDARD D
BY
ENGINEERING DIVISIO
CITY OF WICHITA, KAN
R. W. LINN CITY EN



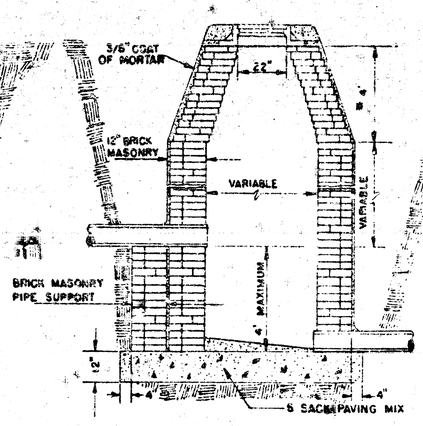
STANDARD MANHOLE
TYPE "A"



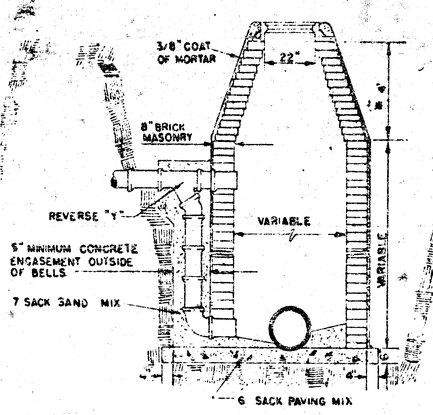
STANDARD MANHOLE
TYPE "B"



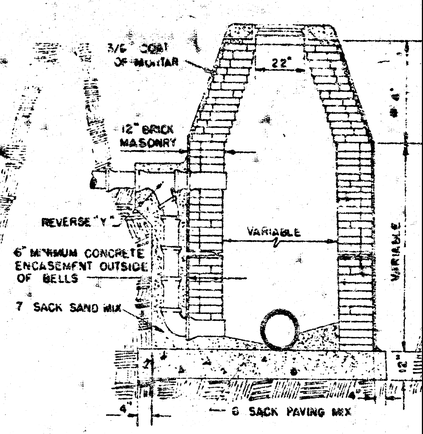
DROP MANHOLE
TYPE "A"



DROP MANHOLE
TYPE "B"

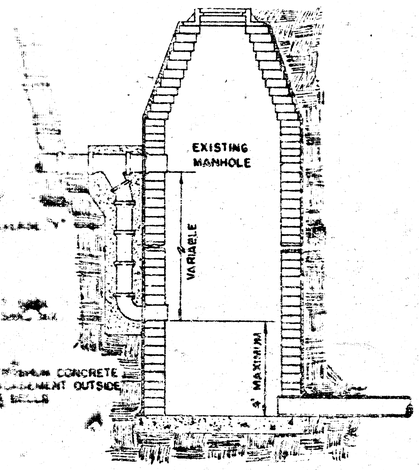


OUTSIDE DROP MANHOLE
TYPE "A"



OUTSIDE DROP MANHOLE
TYPE "B"

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

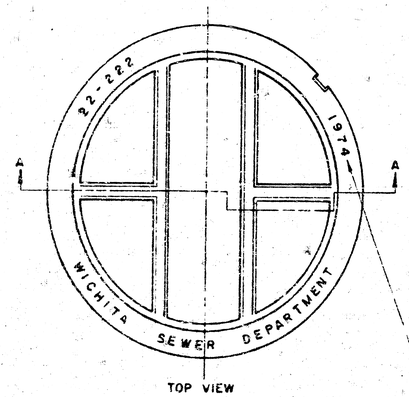


DETAIL OF DROP STACK

FOR EXISTING MANHOLES IN GROUND WATER

GENERAL NOTES

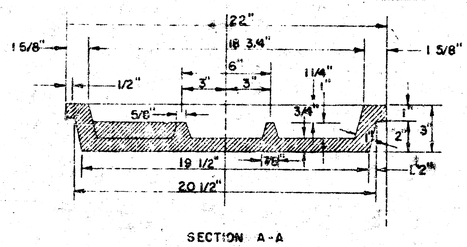
- MORTAR USED IN MASONRY CONSTRUCTION SHALL CONTAIN 6 SACKS OF CEMENT PER CUBIC YARD.
- STANDARD MANHOLES TYPE 'A' OR TYPE 'B' AND STANDARD DROP MANHOLES TYPE 'A' OR TYPE 'B' SHALL BE BID AS STANDARD MANHOLES FOR THE TYPE AND DIAMETER INDICATED. OUTSIDE DROP MANHOLES SHALL BE BID AS STANDARD OUTSIDE DROP MANHOLES FOR THE TYPE AND DIAMETER INDICATED. ALL MANHOLE DIAMETERS WILL BE 4' UNLESS INDICATED OTHERWISE. MANHOLES WITH PIPE SIZES LARGER THAN 24" SHALL BE 5' DIAMETER.
- THE FLOORS OF ALL MANHOLES SHALL BE SHAPED TO IN-CREASE HYDRAULIC EFFICIENCY USING 6 SACK SAND MIX CONC-RETE.



TOP VIEW

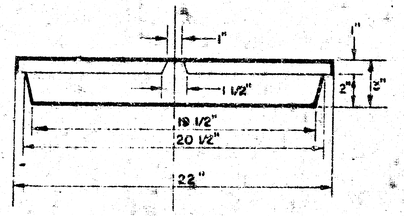
MANHOLE COVER

WEIGHT 110 LBS.

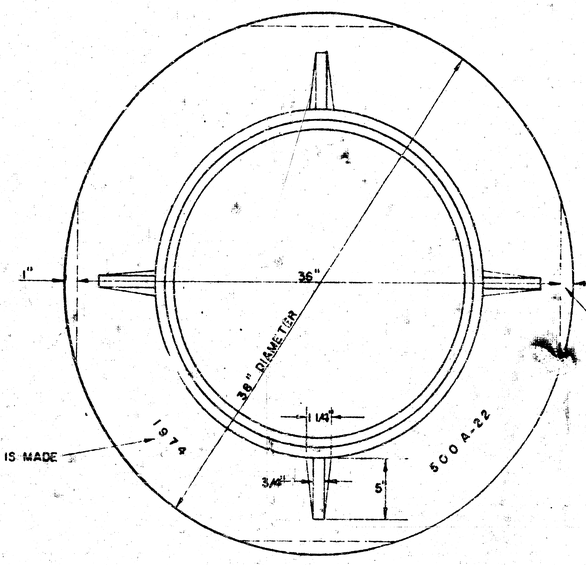


SECTION A-A

MANHOLE COVER



SIDE VIEW

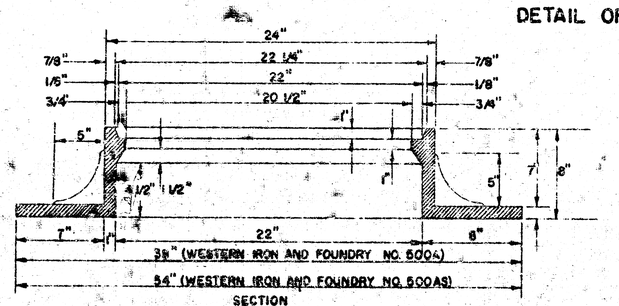


TOP VIEW

MANHOLE RING

WEIGHT 325 LBS. RING NO. 500A

WEIGHT 800 LBS. RING NO. 500AS

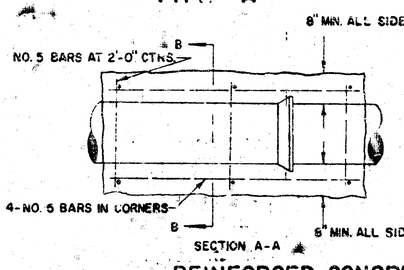


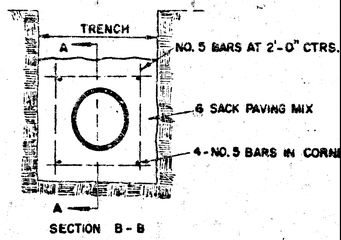
SECTION

MANHOLE RING

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

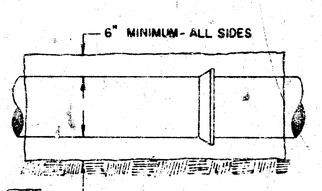
THIS PORTION OF FLANGE MAY BE OMITTED

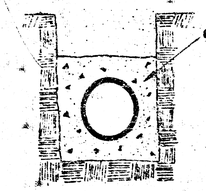




REINFORCED CONCRETE ENCASEMENT

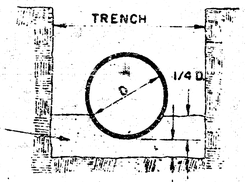
FOR STRENGTH



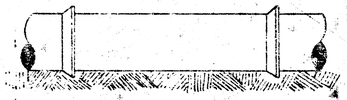


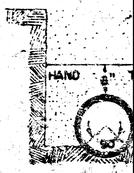
CONCRETE ENCASEMENT

FOR COVER



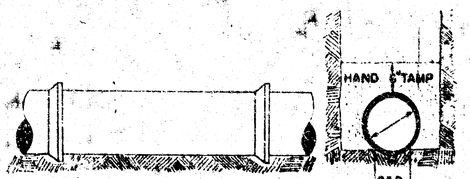
DETAIL OF CONCRETE CRADLE





ORDINARY BEDDING METOD

FOR CLAY PIPE



DETAILS OF

SEWER APPURTENANC

ADOPTED AS STANDARD DESIG

BY

ENGINEERING DIVISION

CITY OF WICHITA, KANSAS