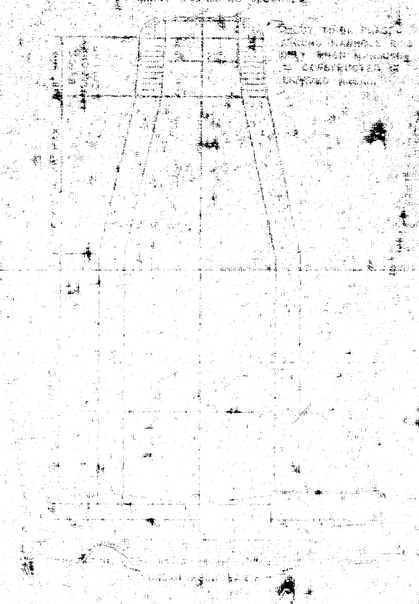
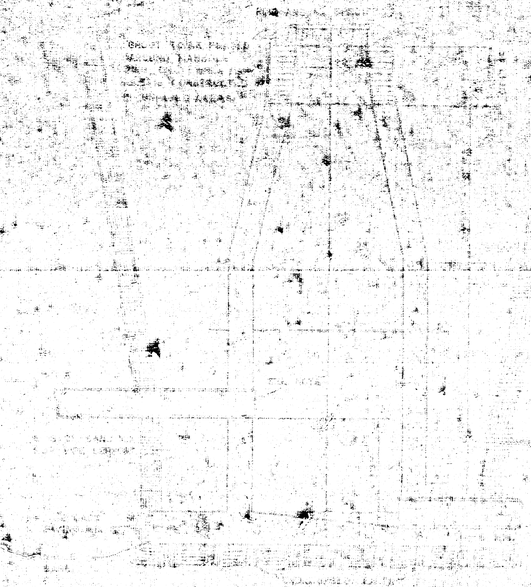
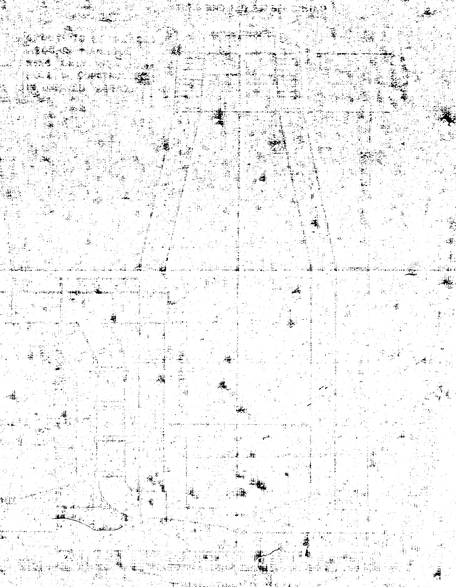
STANDARD MANHOLE, TYPE "C"

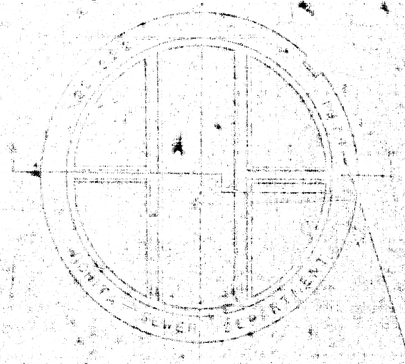


DROP MANHOLE, TYPE "C"

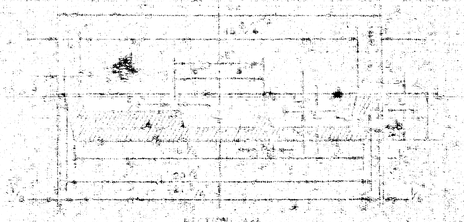


OUTSIDE DROP MANHOLE, TYPE "C"



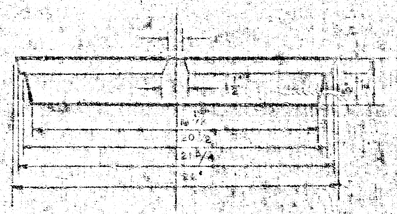


MANHOLE COVER



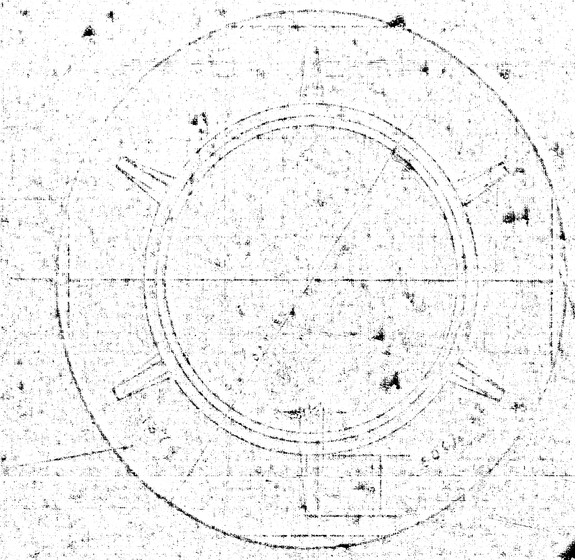
SECTION A-A

MANHOLE COVER



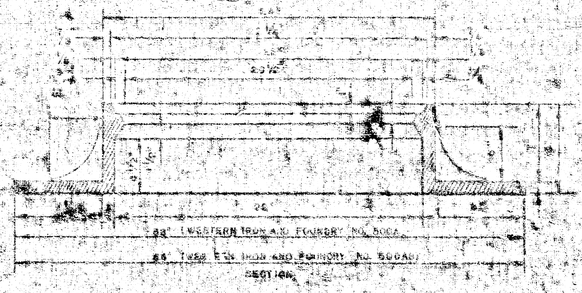
SIDE VIEW

MANHOLE COVER



TOP VIEW

MANHOLE RING

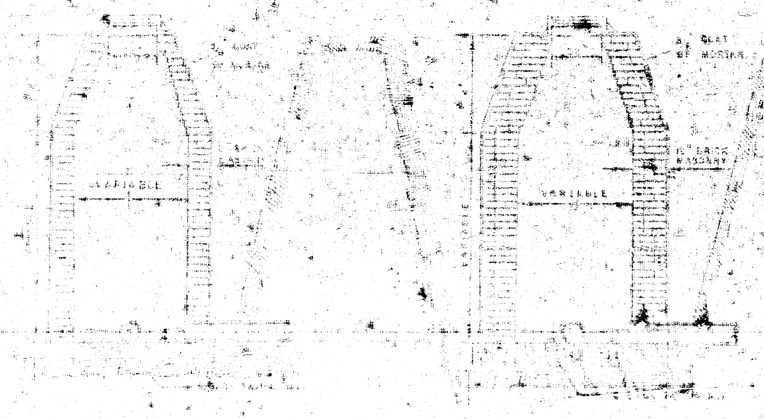


SECTION

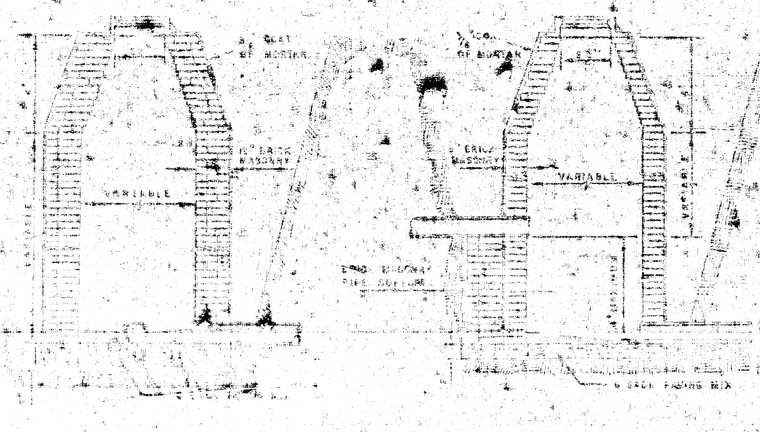
SECTIONAL ELEVATION - INTENT

NOTES: OPENING IS A CIRCULAR CUT IN MANHOLE WALL AND IS LOCATED IN PLACE WITH NO SHARP EDGES. EXTERIOR OF CONNECTED CONDUIT IS SEALED WITH APPROVED COATING.

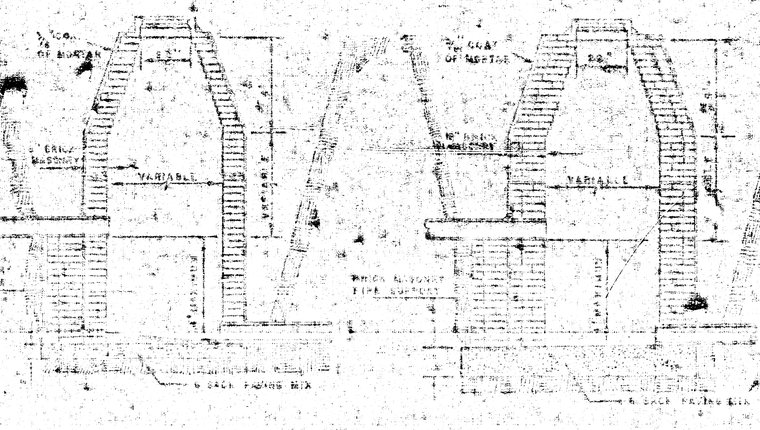
DETAILS OF
SEWER APPURTENANCE
ADOPTED AS STANDARD DESIGN
BY
ENGINEERING DIVISION
CITY OF WICHITA, KANSAS
R. W. Lin... CITY ENGINEER
1974



STANDARD MANHOLE
TYPE "A"

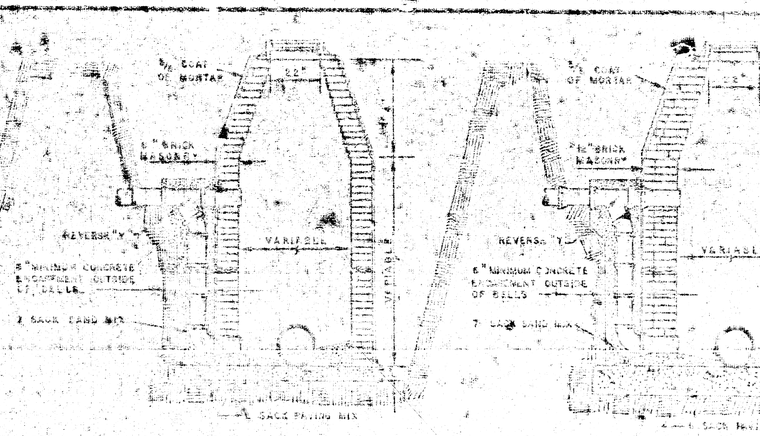


STANDARD MANHOLE
TYPE "C"



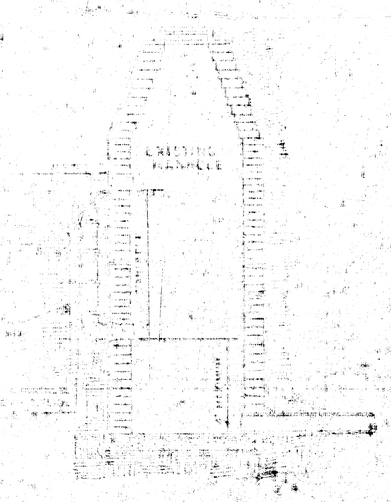
DROP MANHOLE
TYPE "A"

DROP MANHOLE
TYPE "B"

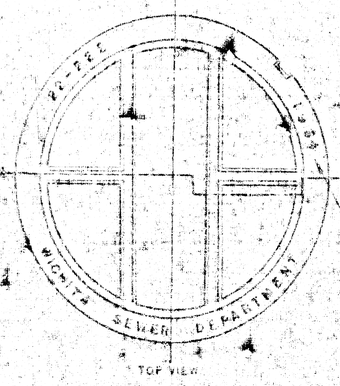


OUTSIDE DROP MANHOLE
TYPE "A"

OUTSIDE DROP MANHOLE
TYPE "B"

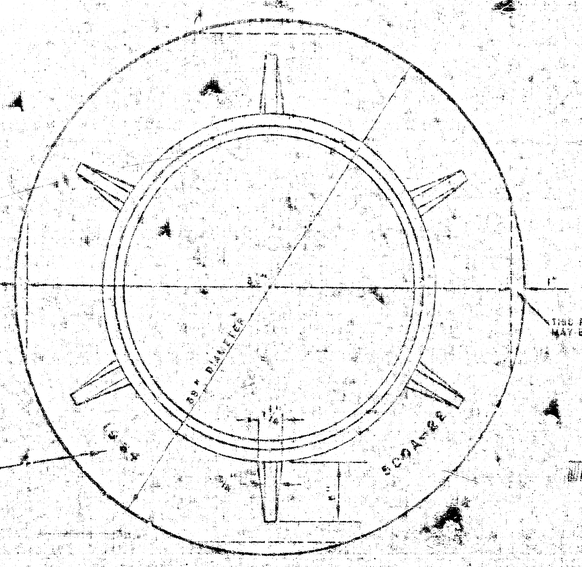


DETAIL OF DROP STACK
FOR EXISTING MANHOLES IN CAVING WATER



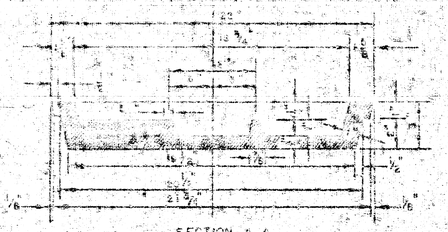
TOP VIEW

MANHOLE COVER
WEIGHT 115 lbs.



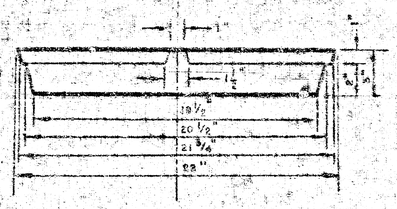
TOP VIEW

MANHOLE RING
WEIGHT 355 lbs.



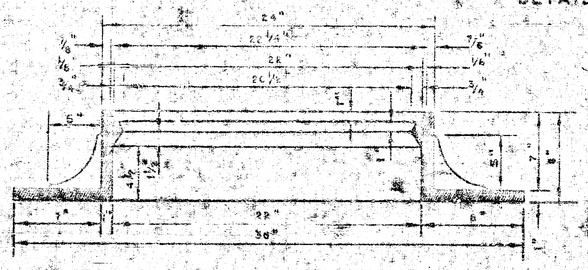
SECTION A-A

MANHOLE COVER



SIDE VIEW

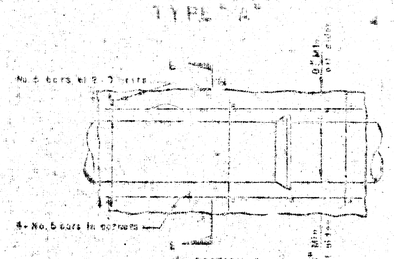
MANHOLE COVER



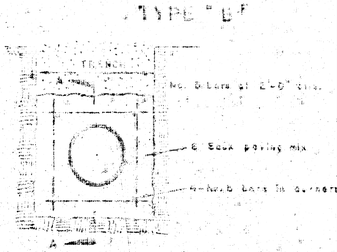
SECTION

MANHOLE RING

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

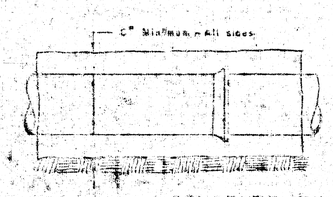


SECTION E-E

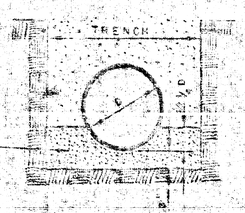


SECTION C-C

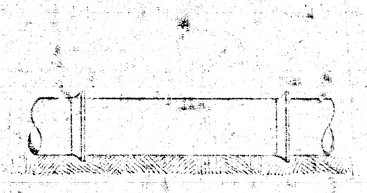
REINFORCED CONCRETE ENCASEMENT
FOR STRENGTH



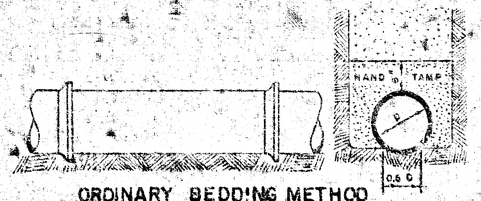
CONCRETE ENCASEMENT
FOR COVER



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 6 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 APPURTENANC
ADOPTED AS STANDARD DESIG
BY
ENGINEERING DIVISION
CITY OF WICHITA, KANSAS
R. W. LINN CITY ENGIN

2-25-75

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA
Sanitary Sewers 6"&8" P.V.C.
Storm Sewers
Driveway Approaches

Sta. 3+05 - Const. Std. Type "A" or "C" MH

Install Hand Hole Trap.

Sta 13+90 - Const. Std. Type "A" or "C" MH

1251.7'

Dirt Drive

Building

100'

1164.8'

Post (Remove)

Typical Service Line Connection. See Detail Below

Scale: 1" = 50'

GEORGE WASHINGTON BLVD.

NEW JERSEY

Ex. 8" San. Sewer

Ex. 8" San. Sewer

R/W

50'

55°

12'

15' Utility Easement

Sta. 2+05 - Const. Std. Type "A" or "C" MH.

Sta. 0+00 - Connect to 8" Stub on North side of Existing MH.

NOTE:
Sta. 0+00 to Sta. 2+05 is not a part of this contract. This portion is to be constructed under City of Wichita project No. DBKL 575010, Lat. 12, Main 10, W. I. S.

Note: The Contractor shall verify locations of underground utilities prior to the trenching operation.

B.M. - Top MH Rim - Sta. 0+00
Elev. 146.23

6"×4" Wye

4"×4" Wye

C.I. Long Bend Elbow

Cleanout

Trailer Conn.

4"×4" Wye

2'×2' Conc. Pad

PLAN

Cast Iron Pipe to point 5' from face of trailer

Cleanout

2'×2' Conc. Slab

6"×4" Wye

4"×4" Wye

Cast Iron Long Bend Elbow

ELEVATION

TYPICAL SERVICE CONNECTION

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 [redacted] and inspection.

Sta. 0+00 - Connect to 8" Stub on North Side of Ex. MH

Sta. 2+05 - Std. Type "A" or "C" MH Top Elev. 143.2

Sta. 3+05 - Std. Type "A" or "C" MH Top Elev. 143.8

Sta. 13+90 - Std. Type "A" or "C" MH Top Elev. 164.5

Exist. Ground

205 L.F. 8" V.C.P. @ +0.30%

100 L.F. 8" V.C.P. @ 0.30%

1105 L.F. 6" V.C.P. @ +1.68%

2" Gas Line

2" Gas Line

Install Trap

E 139.33 8" Stub

E 139.63

E in 140.05 E out 139.95

E in 140.45 E out 140.35

E 142.05

E 143.73

E 147.09

E 148.77

E 150.45

E 152.13

E 153.81

E 155.49

E 157.17

E out 158.68

0 1 2 3 4 5 7 8 9 10 11 12 13 14

170 165 160 155 150 145 140

CITY PROJECT NO. DBKW 705005
TRAILER PARK AT
2926 GEORGE WASHINGTON BLVD.
SH. 1 OF 3