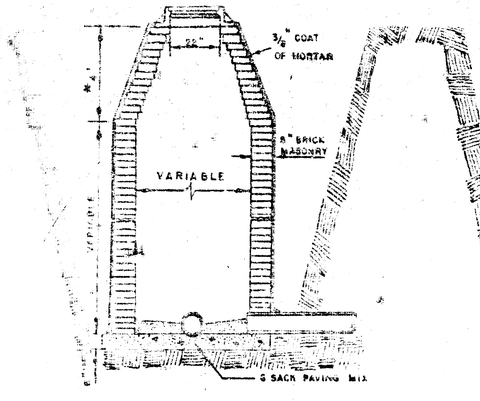
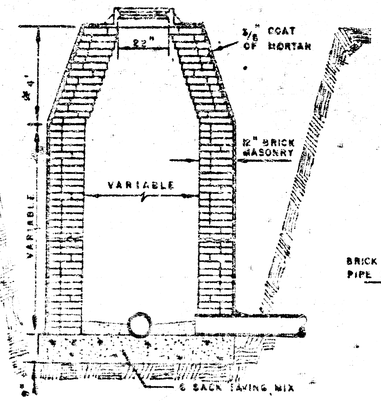
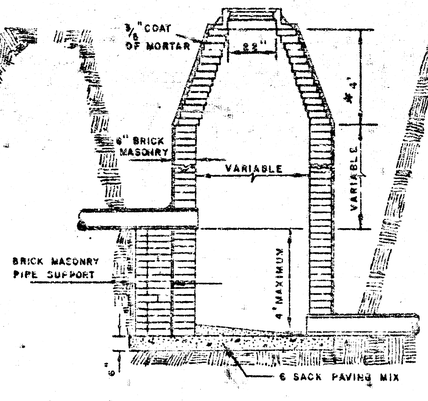
CENTRAL
AVE.
NE Cor. N...
Sec. 20-...
201.96'
624.37'
114'
469.63'
150'
50'
60'
AVE.
WESTLINK
RD.
TYLER
25' Fire Lane & Access Easement
Proposed Pizza Hut
244'
200'
150
150'
30'
Sta 0+00 - Connect to Exist. Manhole
Future Storm Sewer Extension
Hdw.
Inlet
Ex. 15" R.C.P.
114'
Sta 5+81.8 Const. Std Type "A" or "C" MH with 4" Stub N.
Sta 2+92.3 Const. Std. Type "A" or "C" MH
R = 388.71'
Δ = 28°05'
Ex. 8" V.C.P. San. Sewer
1-7-76
APPROVED
By CITY ENGINEER
Sanitary Sewers D.E.S.
Storm Sewers
LOT 1, WESTLINK CENTER
Scale: H... V...
B.M. - City Std. Disc. 56.2' N. ℄ Central & 38' W. of ℄ Tyler. Elev. 143.90
PROFILE
145
140
135
Sta 0+00 Connect to Exist. Manhole
Sta 2+90 - Const. Std. Type "A" or "C" MH Top Elev. 142.5
Sta 5+80.64 Const. Std. Type "A" or "C" MH with 4" Stub N. Top Elev. 143.0
Exist. Ground
290 L.F. 8" VCP @ 0.40%
291 L.F. 8" VCP @ 0.40%
Ex. 15" R.C.P.
Future Storm Sewer



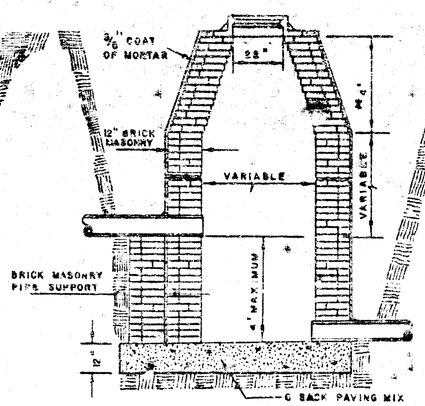
STANDARD MANHOLE
TYPE "A"



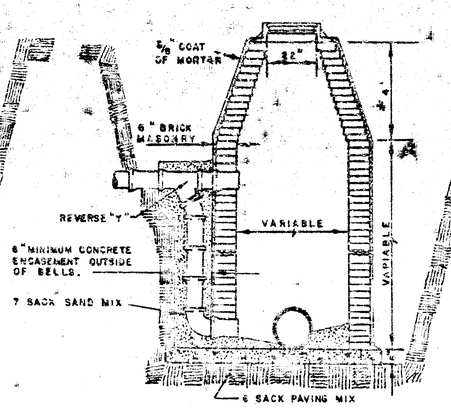
STANDARD MANHOLE
TYPE "B"



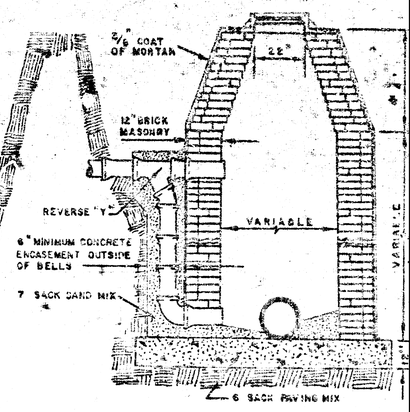
DROP MANHOLE
TYPE "A"



DROP MANHOLE
TYPE "B"

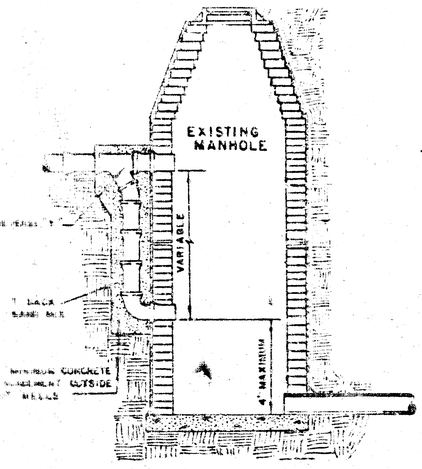


OUTSIDE DROP MANHOLE
TYPE "A"

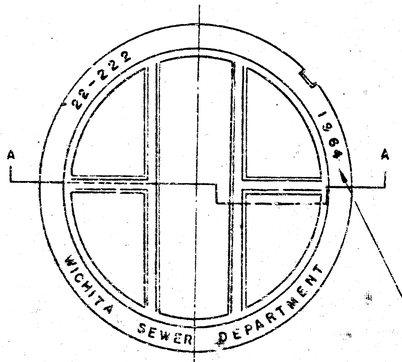


OUTSIDE DROP MANHOLE
TYPE "B"

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

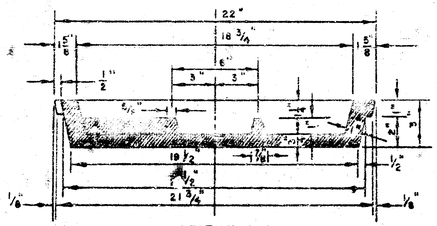


DETAIL OF DROP STACK
FOR EXISTING MANHOLES IN GROUND WATER



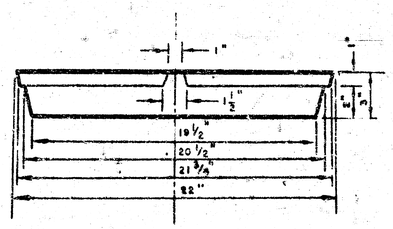
TOP VIEW

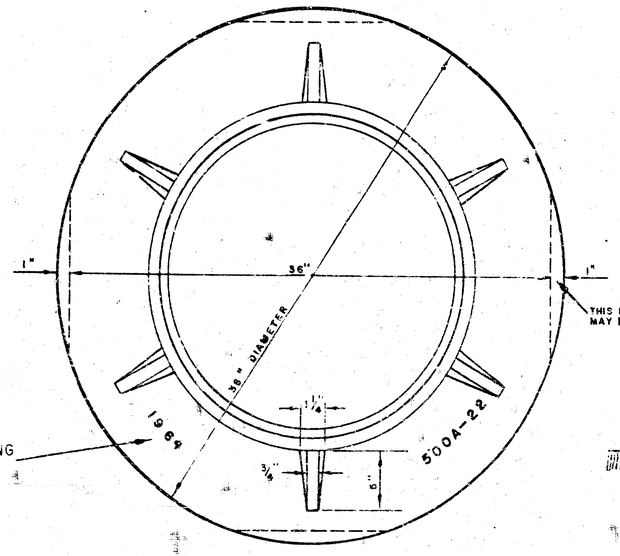
MANHOLE COVER
WEIGHT 110 lbs.



SECTION A-A

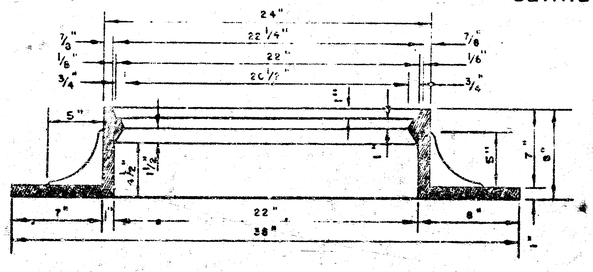
MANHOLE COVER





TOP VIEW

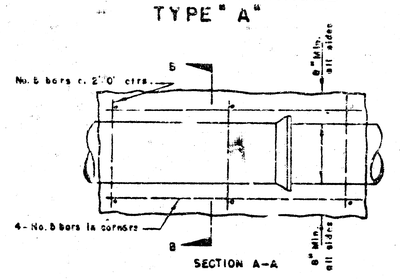
MANHOLE RING
WEIGHT 355 lbs.

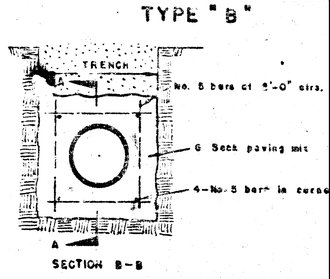


SECTION

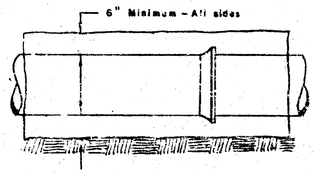
MANHOLE RING

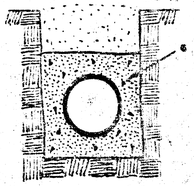
OUTSIDE CIRCUMFERENCE OF COVER AND THE INNER FACE AND SEAT OF



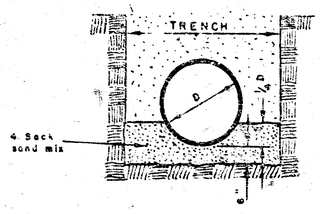


REINFORCED CONCRETE ENCASEMENT
FOR STRENGTH

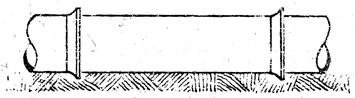


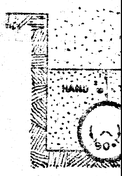


CONCRETE ENCASEMENT
FOR COVER



DETAIL OF CONCRETE CRADLE





ORDINARY BEDDING METHOD
FOR CLAY PIPE

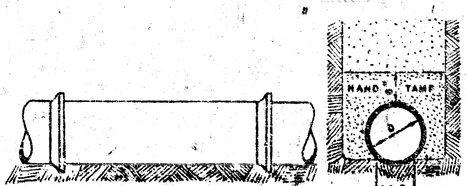
MANHOLES

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.

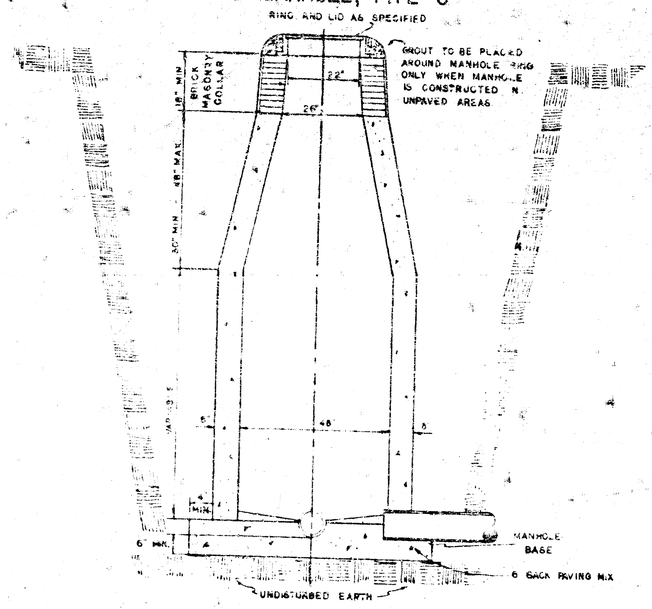
SINGLE OR DOUBLE OUTSIDE DROP MANHOLES SHALL BE BID AT ONE PRICE AS OUTSIDE DROP MANHOLES.

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

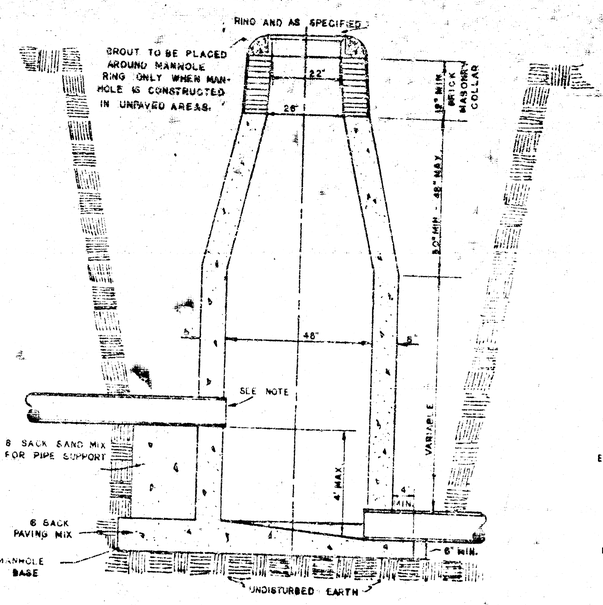


DETAILS OF
SEWER APPURTENAN
ADOPTED AS STANDARD DES
BY
ENGINEERING DIVISION

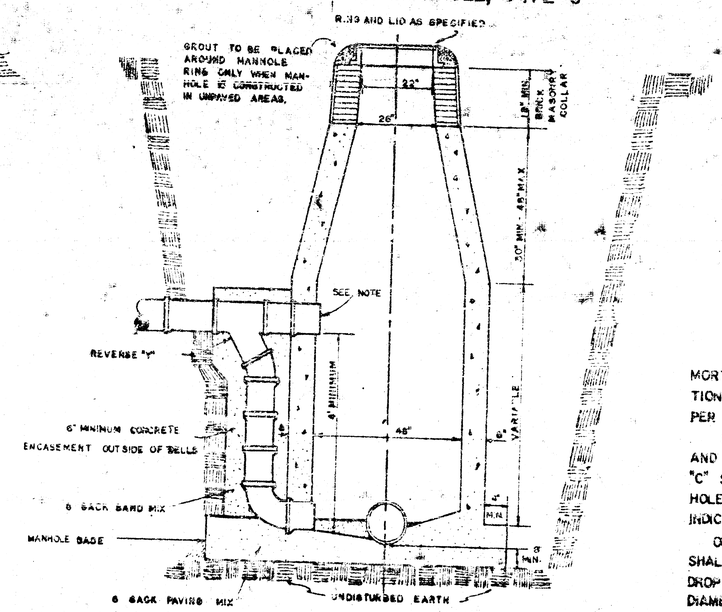
STANDARD MANHOLE, TYPE "C"

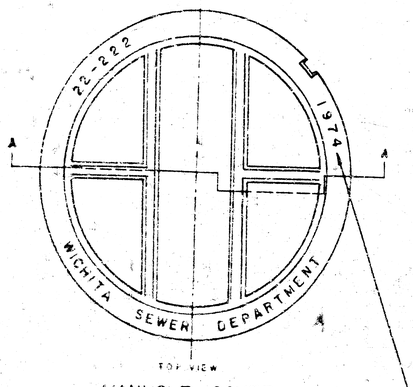


DROP MANHOLE, TYPE "C"



OUTSIDE DROP MANHOLE, TYPE "C"

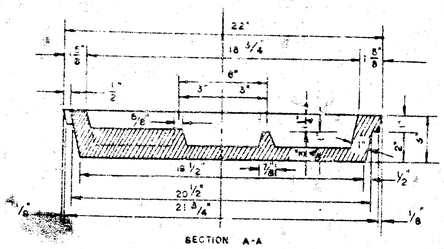




TOP VIEW

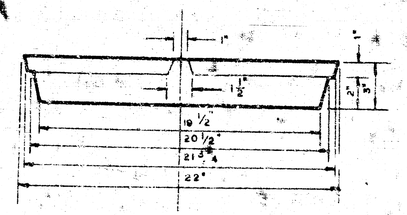
MANHOLE COVER

WEIGHT 110 LBS.



SECTION A-A

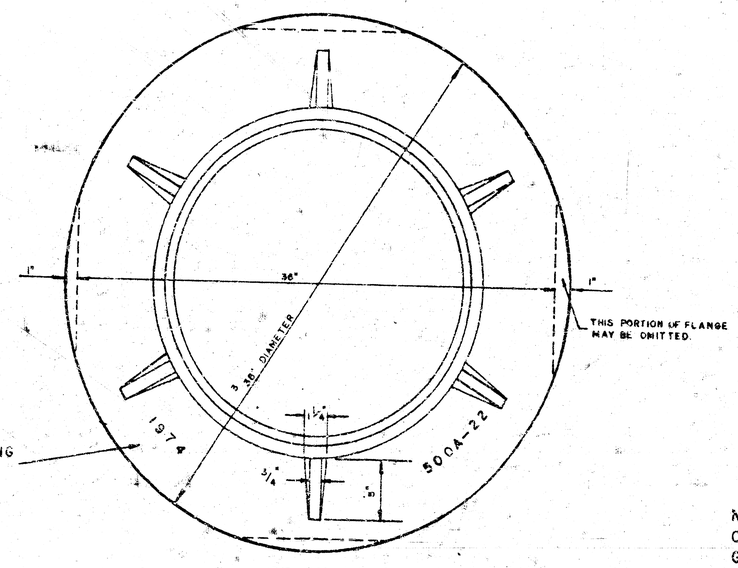
MANHOLE COVER



SIDE VIEW

MANHOLE COVER

YEAR CASTING IS MADE



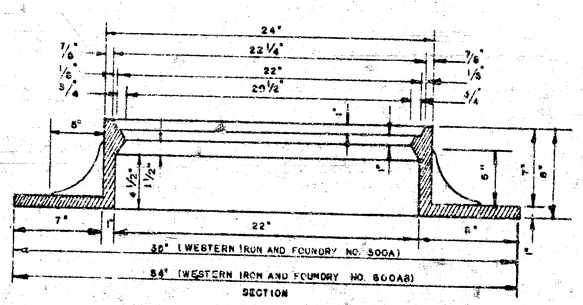
TOP VIEW

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

MANHOLE RING

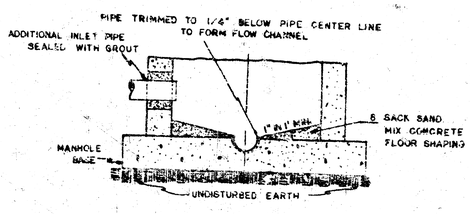
WEIGHT 325 LBS. RING NO. 500A

WEIGHT 800 LBS. RING NO. 500A6



SECTION

MANHOLE RING



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.

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 OUTSI
DROP MANHOLES FOR THE TYPE A
DIAMETER INDICATED. ALL MANH
DIAMETERS WILL BE 4FT. UNLES
INDICATED OTHERWISE. MANHOLE
WITH PIPE SIZES LARGER THAN
24" SHALL BE 5FT. DIAMETER.

THE FLOORS OF ALL MANHOLES
SHALL BE SHAPED TO INCREASE
HYDRAULIC EFFICIENCY USING 8 SA
SAND MIX CONCRETE.

CAST IN PLACE CIRCULAR CON
MANHOLES ARE TO BE CONSTRUCTE
ONLY ON SEWERS NOT SUBJECT TO
DETERIATION OF CONCRETE DUE TO
FORMATION OF HYDROGEN SULFID
GAS AND IN LOCATIONS WHERE IT
IS OBVIOUS THAT ANY ADJUSTMEN
OF THE MANHOLE TOP ELEVATION
WHICH MAY BE NECESSARY WILL N
REQUIRE MODIFICATION OF THE CON
CRETE BARREL.

DETAILS OF
SEWER APPURTENAN
ADOPTED AS STANDARD DES
BY
ENGINEERING DIVISION
CITY OF WICHITA, KANSA