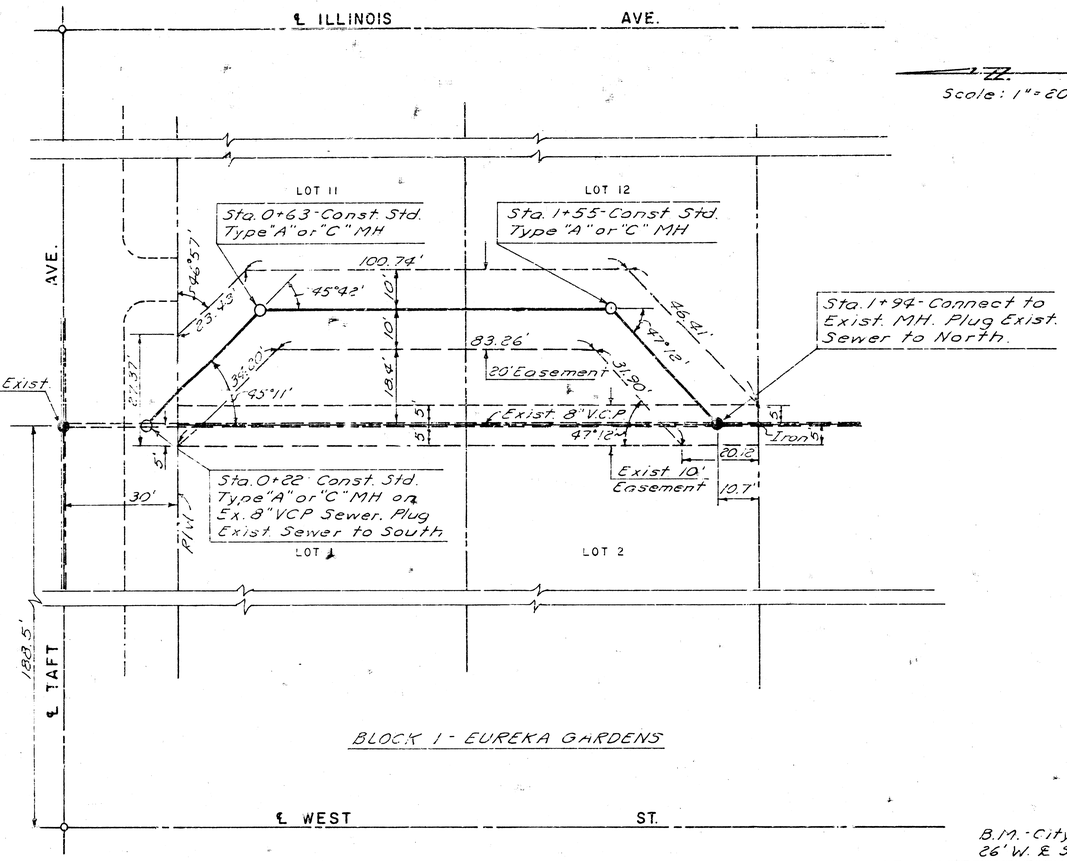
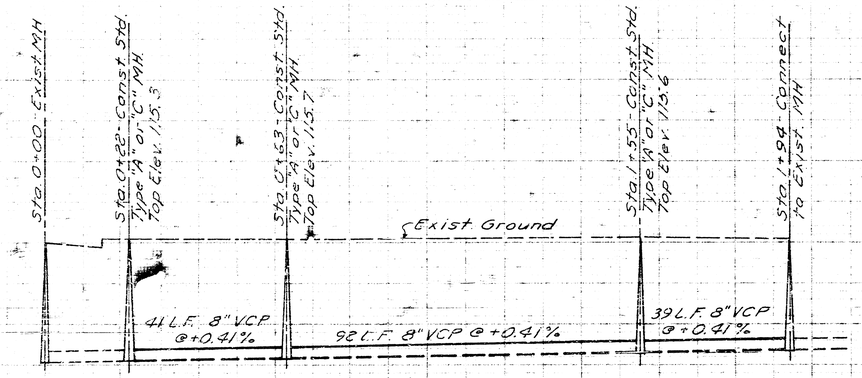


6-2-75

APPROVED AS NOTED
By CITY ENGINEER OF SALT LAKE CITY
Sanitary Sewers D. E. S.
Storm Sewers
Driveway Approaches

B.M.-City Disk 41'N. & Maple & 26' W. & Sheridan-Elev. 114.04

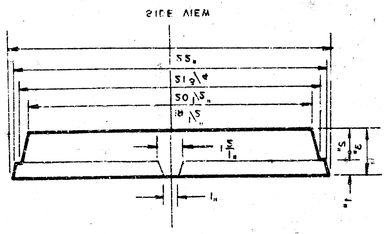


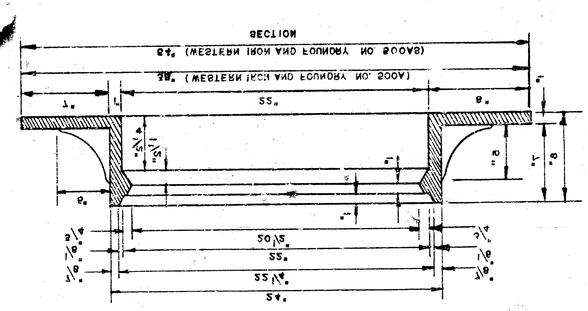
CITY PROJECT NO. DBKW 705013
THE FOURTH WEST TOWNE BANK

CITY OF WICHITA, KANSAS
ENGINEERING DIVISION
BY
ADOPTED AS STANDARD DES

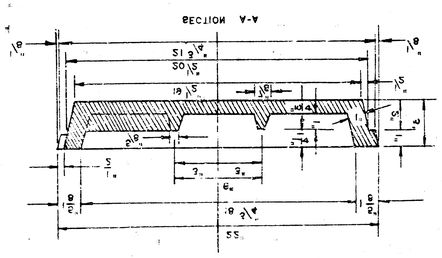
SEWER APPURTENAN

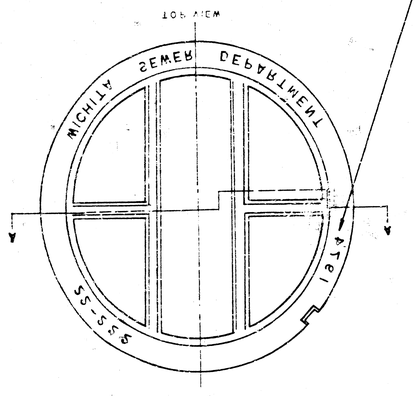
DETAILS OF



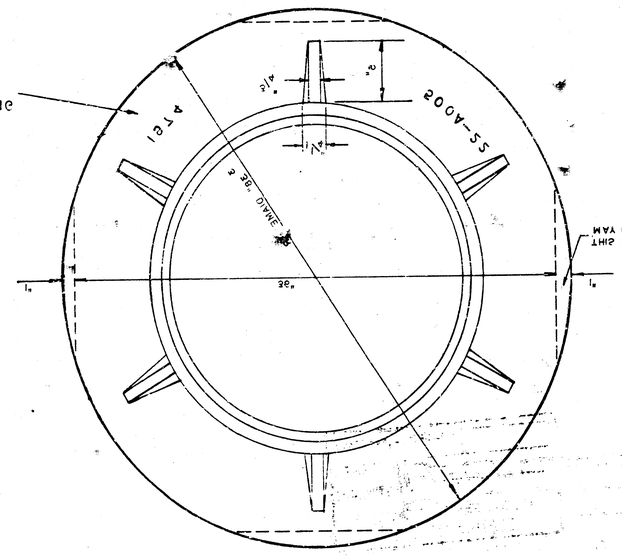


RING TO BE MACHINE FIT
AND THE INNER FACE AND SEAT OF
OUTSIDE CIRCUMFERENCE OF COVER



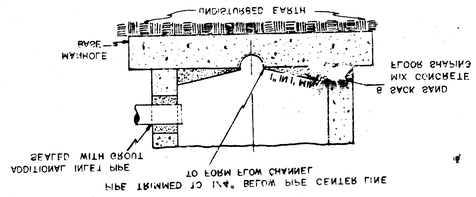


IS MADE
AREA CASTING



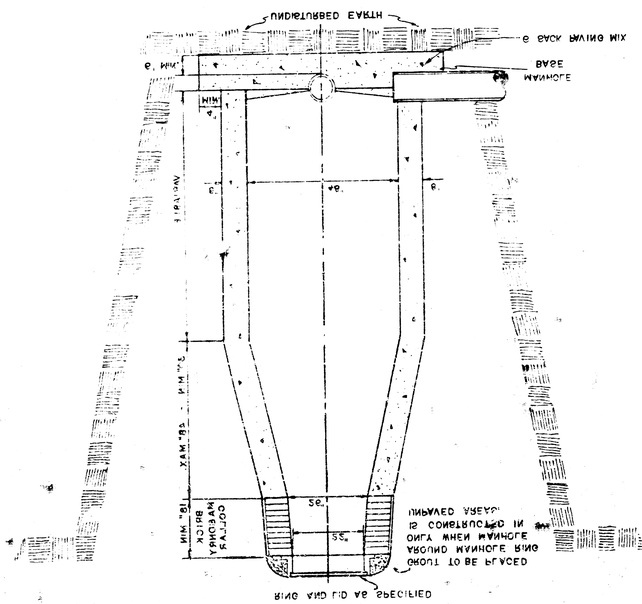
NOTE: OPENING FOR INLET PIPE
CUT IN MANHOLE WALL AND PIPE
GROUTED IN PLACE WITH NON-
SHRINKING GROUT. EXTERIOR
OF COMPLETED CONNECTION TO
BE SEALED WITH APPROVED
COATING.

SECTIONAL ELEVATION—INVERT

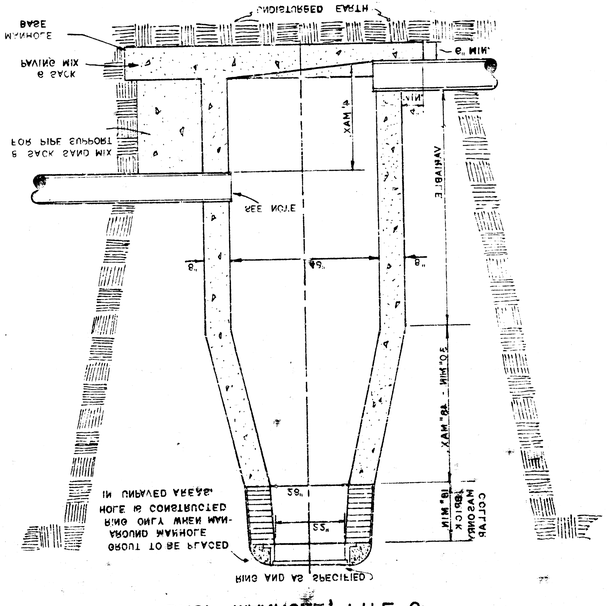


CRETE BARREL.
REQUIRE MODIFICATION OF THE CON-
WHICH MAY BE NECESSARY WILL NO
OF THE MANHOLE TOP ELEVATION
IS OBVIOUS THAT ANY ADJUSTMENT
GAS AND IN LOCATIONS WHERE IT
FORMATION OF HYDROGEN SULFIDE
DETERIORATION OF CONCRETE DUE TO
ONLY ON SEWERS NOT SUBJECT TO
MANHOLES ARE TO BE CONSTRUCTED
CAST IN PLACE CIRCULAR CONCR
SAND MIX CONCRETE.
HYDRAULIC EFFICIENCY USING 8 SAC
SHALL BE SHAPED TO INCREASE
THE FLOORS OF ALL MANHOLES
54" SHALL BE 2FT. DIAMETER.
WITH PIPE SIZES LARGER THAN
INDICATED OTHERWISE. MANHOLES
DIAMETERS WILL BE 4FT UNLESS
DIAMETER INDICATED. ALL MANHO
DROP MANHOLES FOR THE TYPE AND
SHALL BE BID AS STANDARD OUTSIDE
OUTSIDE DROP MANHOLES TYPE "C"
INDICATED.
HOLES FOR THE TYPE AND DIAMET
"C" SHALL BE BID AS STANDARD M
AND STANDARD DROP MANHOLES
STANDARD MANHOLES TYPE "
TION SHALL CONTAIN 8 SACKS OF CE
MORTAR USED IN MASONRY CONSTR
PER CUBIC YARD.

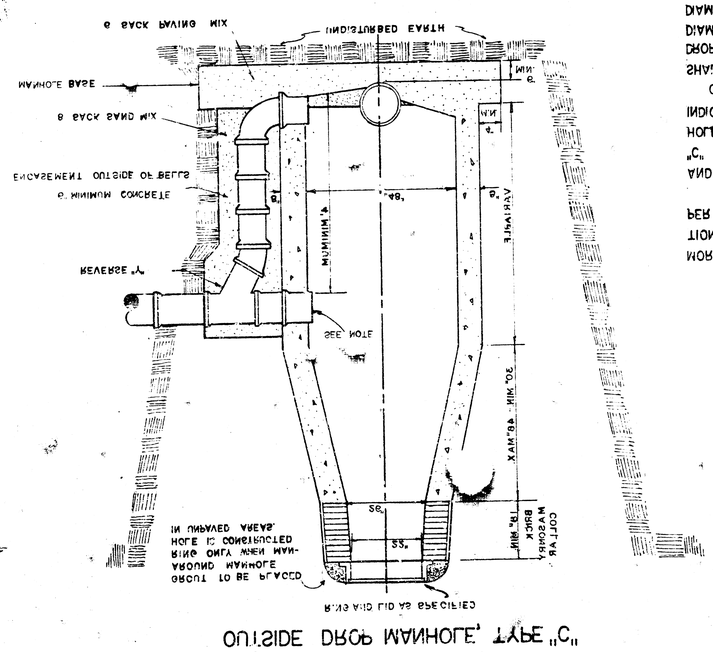
GENERAL NOTES



STANDARD MANHOLE, TYPE "C"



DROP MANHOLE, TYPE "C"



OUTSIDE DROP MANHOLE, TYPE "C"

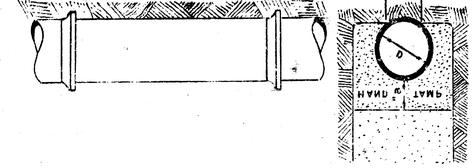
SEWER APPURTENANCES

DETAILS OF

ADOPTED AS STANDARD DE

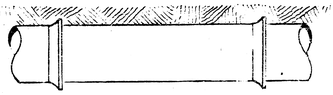
ENGINEERING DIVISIO

YB



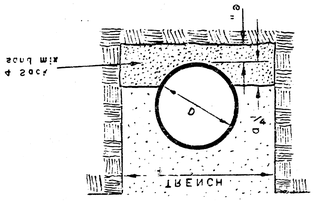
ORDINARY BEDDING METHOD

FOR CLAY PIPE



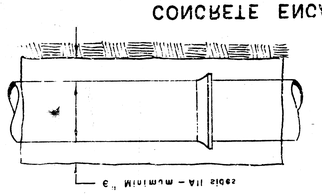


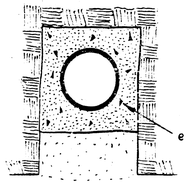
DETAIL OF CONCRETE CRADLE



CONCRETE ENCASEMENT

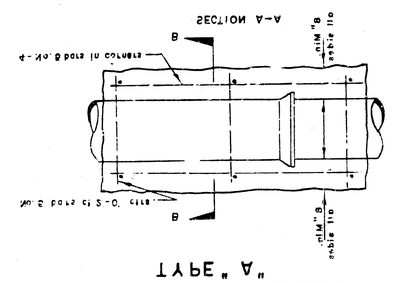
FOR COVER

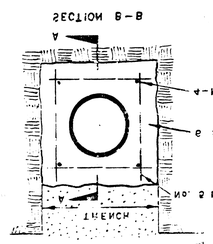




REINFORCED CONCRETE ENCASEMENT

FOR STRENGTH





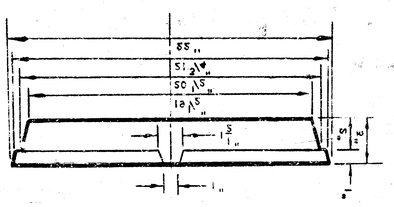
MANHOLES

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

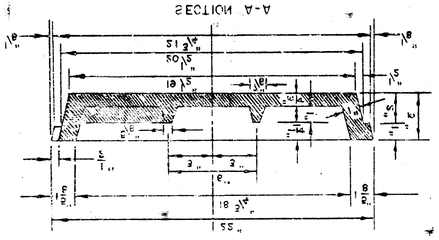
STANDARD MANHOLES AND DROP MANHOLES, REGARDLESS OF DIAMETER, SHALL BE BID AT ONE PRICE AS STANDARD MANHOLES.

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

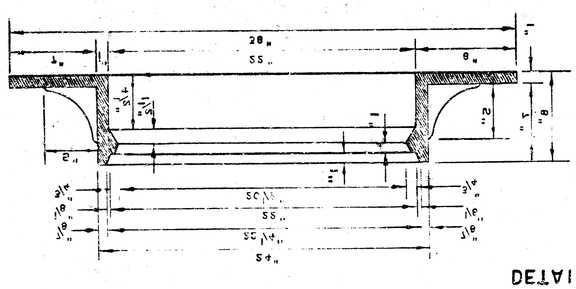
ALL MANHOLES WITH PIPES LARGER THAN 36" SHALL BE 8' DIAMETER UNLESS OTHERWISE SPECIFIED ON PLAN. ALL M.H.'S



MANHOLE COVER



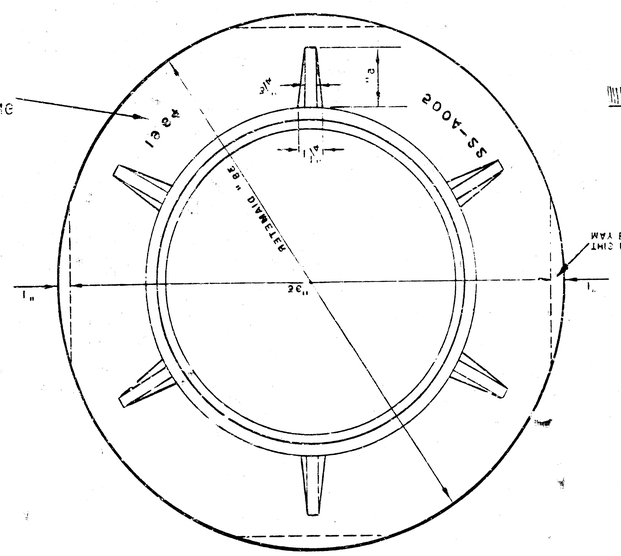
SECTION A-A



MANHOLE RING

SECTION

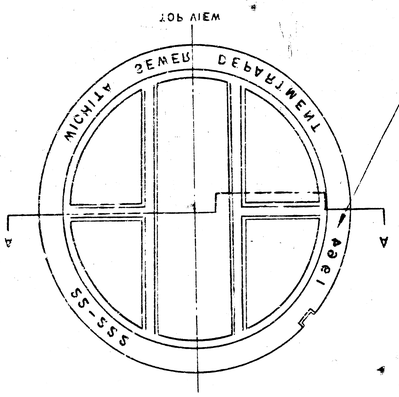
WEIGHT 222 LBS.



TOP VIEW

MANHOLE RING

WEIGHT 222 LBS.



TOP VIEW

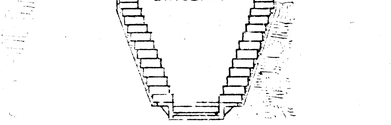
MANHOLE COVER

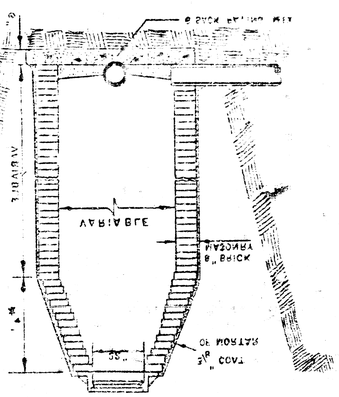
WEIGHT 110 LBS.

CAST IS MADE WAY BE OMITTED.

DETAIL OF DROP STACK

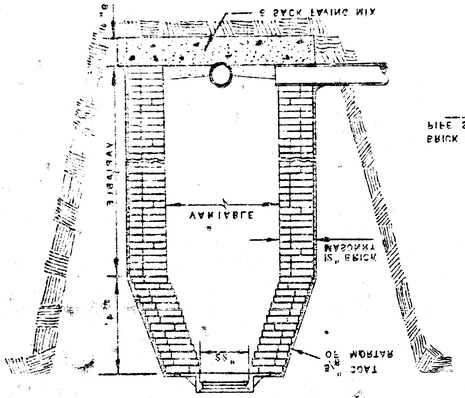
FOR EXISTING MANHOLES IN GROUND WATER





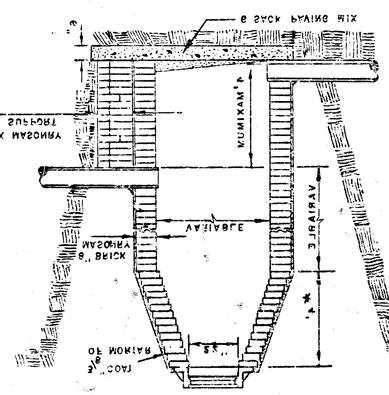
STANDARD MANHOLE

TYPE "A"



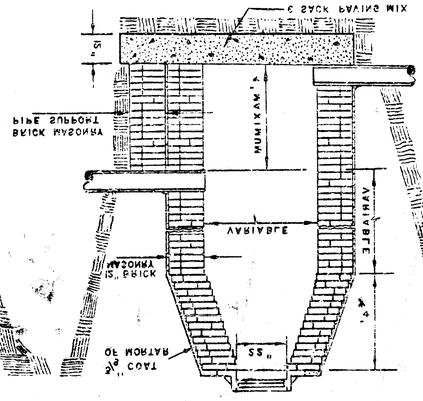
STANDARD MANHOLE

TYPE "B"



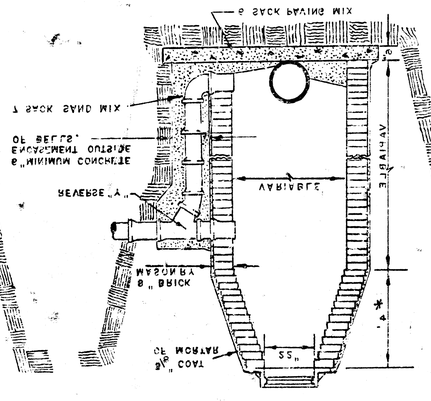
DROP MANHOLE

TYPE "A"



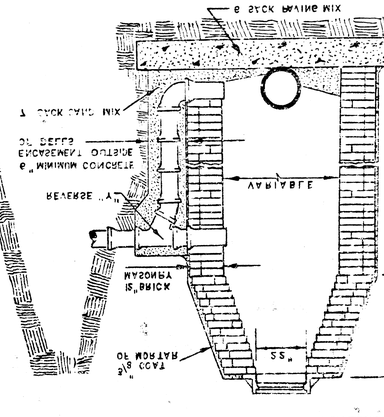
DROP MANHOLE

TYPE "B"



OUTSIDE DROP MANHOLE

TYPE "A"



OUTSIDE DROP MANHOLE

TYPE "B"