Scale : 1" = 40'

W. Cor. NE¼ of NE¼ Sec. 6, T28S, R1E

Remove & Replace 18 S.Y. Conc. Pvmt. & 10 L.F. Curb

Remove & Replace 23 S.Y. Asphalt Pvmt.

Remove & Replace 28 S.Y. Asphalt Pvmt.

PAWNEE AVE.

ELIZABETH

50'

60'

10'

21.5'

℄ Exist. 6" San.

8" Water Line

2" Gas Line

℄ 10" Gas Line

℄ 12" Water Line

℄ Exist. 36" Storm

℄ Exist. 18" Storm

20' Utility Easement

Asphalt Pvmt.

1°54'33"

1°54'33"

Sta. 0+00 - Const. Outside Drop MH Type "A" or "C" on Ex. 18" San. Sewer

Sta. 3+30 - Const. Std. Type "A" or "C" M.H.

Sta. 6+50 - Const. Std. Type "A" or "C" M.H.

Sta. 9+75 - Const. Std. Type "A" or "C" MH

LINE 1

LINE 2 See Sh. No. 3

30'

100'

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA
Sanitary Sewers 6-27-14 DPB
Storm Sewers
Driveway Approaches

NOTE TO CONTRACTOR

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

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

Bench Mark - City Std. Disc. 58' N. & 44' E. & Seneca & Pawnee - Elev. 103.947

Sta. 0+00 - Const. Outside Drop MH Type "A" or "C" Top Elev. 990

+30 - ℄ Elizabeth

2" Gas Line

Exist. 8" Water

330 L.F. 8" V.C.P. @ 0.40%

Sta. 3+30 - Const. Std. MH Type "A" or "C" Top Elev. 992

+35.9 - ℄ Drive

320 L.F. 8" V.C.P. @ 0.40%

Existing Ground

Sta. 6+50 - Const. Std. MH Type "A" or "C" Top Elev. 100.6

+04.3 - ℄ Drive

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

Exist. 36" Storm

Sta. 9+75 - Const. Std. Type "A" or "C" MH Top Elev. 101.4

LINE 1

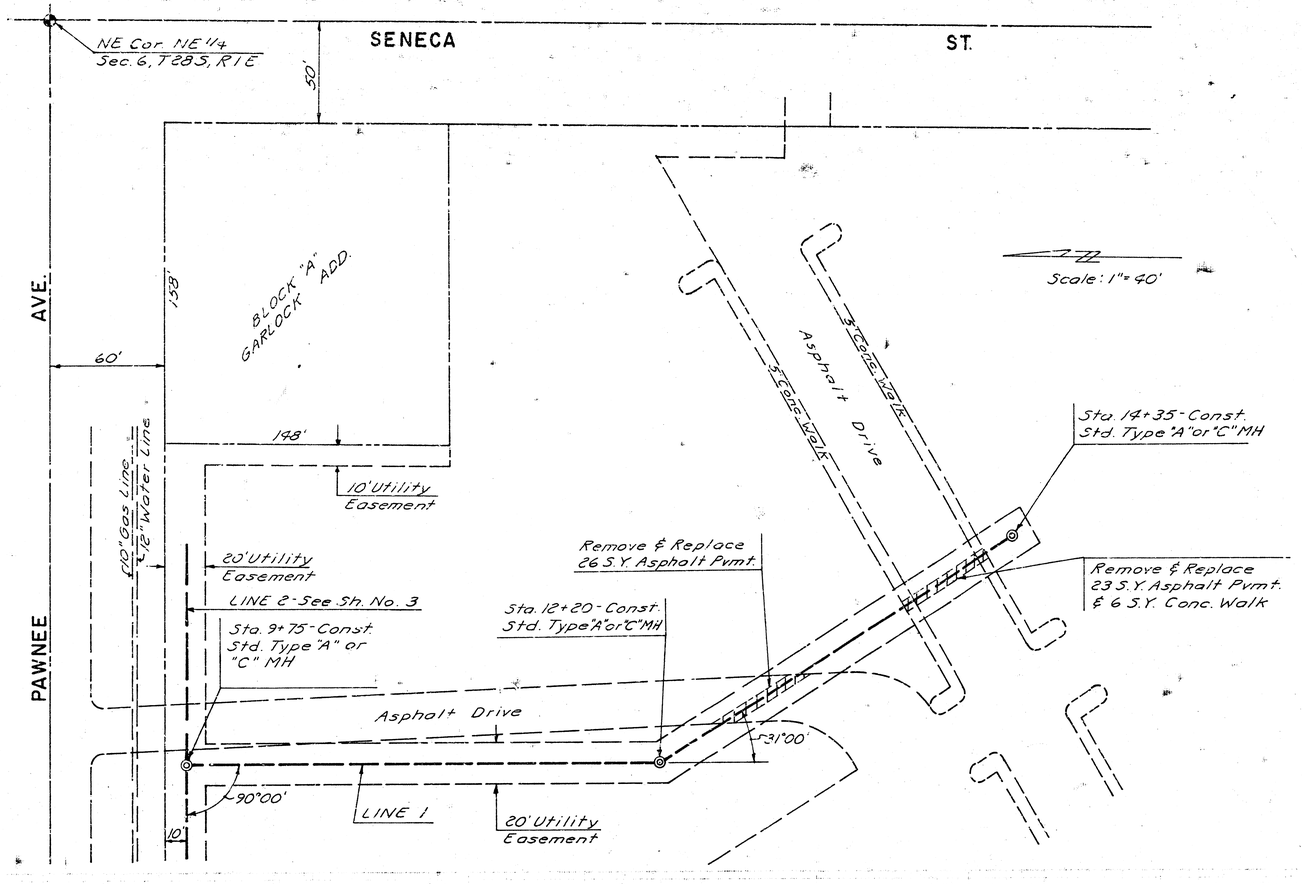
105
100
95
90
85

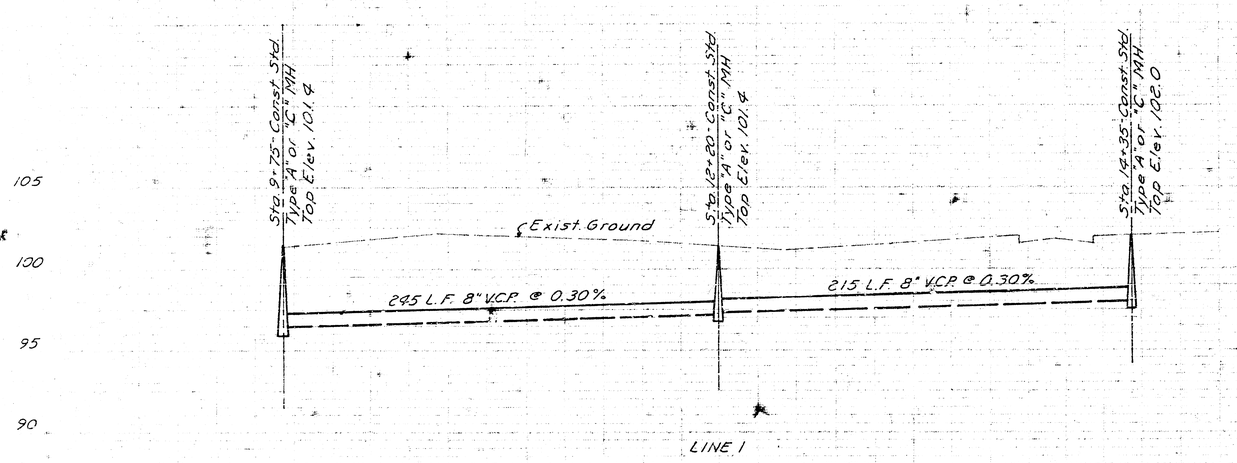
Inv. out (Exist.) 85.58
Inv. in 92.63

93.03
93.43
93.83
Inv. out 93.95
Inv. in 94.05
94.33
94.73
95.13
Inv. out 95.33
Inv. in 95.43
95.58
95.88
96.18
Inv. out 96.41
Inv. in (S) 96.51
Inv. in (E) 96.41

DBKW 704037
WESTWAY SHOPPING CENTER

SH. 1 OF 5





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DBKW 704037
WESTWAY SHOPPING CENTER

96.41
96.51
96.71
96.89
97.19
97.25
97.35
97.59
97.89
98.00

B. M. 103.45 Std. NE Cor. Seneca St. and Pawnee Ave.

Plan Scale 1" = 20'
Profile Scale 1" = 20' Horz.
1" = 5' Vert.

PAWNEE AVE.

Iron in thimble

60'

Proposed Pavement

10" H.P. Gas main

Gas Service

R.R.

0.45± TC

Adv. Sign

LINE 1

LINE 2

L19

123

Drive

Gravel

Sta. 0+00-Line 2 Const. Std. Type "A" or "C" MH

10'

Asphalt Drive

20' util. Easement

20' Util. Easement

Sta. 1+52.5 Const. Std. M. H. Type "A" or "C"

158'

50'

ST.

SENECA

100'

BLOCK A

GARLOCK

ADDITION

Adv. Sign

Asphalt Parking

BLDG.

48'

137

5'

10' util. Easement

Sta. 2+50.0 Const. Std. M.H. Type "A" or "C" Install 4" Stub East

Sta. 1+52.5 Const. Std. M. H. Type "A" or "C"

Sta. 2+50.0 Const. Std. M. H. Type "A" or "C" Install 4" Stub East

Sta. 0+00.0-Line 1 Const. Std. Type "A" or "C" MH-Top Elev. 101.4

Proposed Drive

Proposed TC

Natural ground

105

100

95

90

LINE 2

96.71

96.87 F/o out
96.97 F/o in

97.11

97.26

IE out 95.91
IE in (E) 96.91
IE in (S) 96.51

245 Lin. ft. of 8" Clay Pipe @ 0.30% Grade

0

1

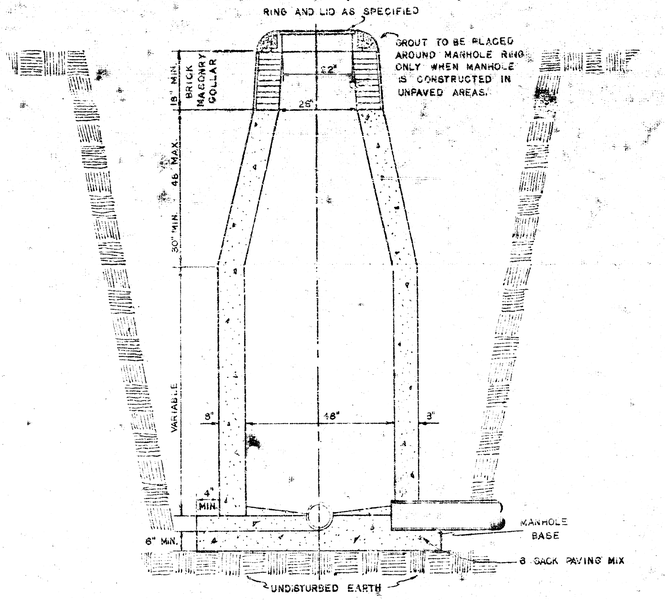
2

DBKW 704037

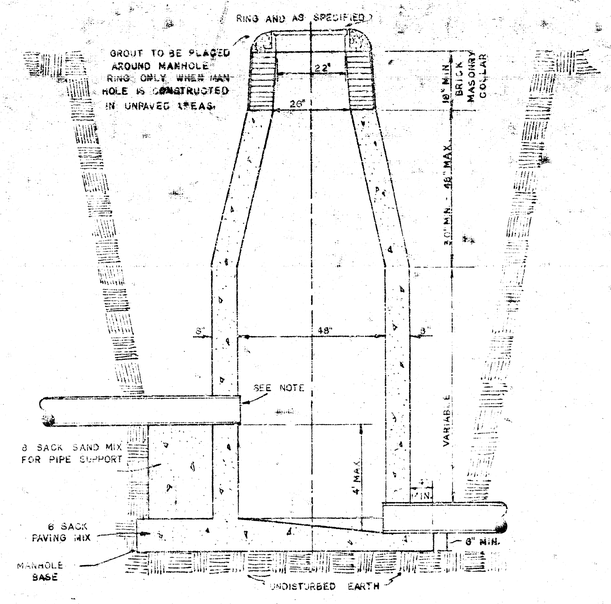
WESTWAY SHOPPING CENTER

SH. 3 OF 5

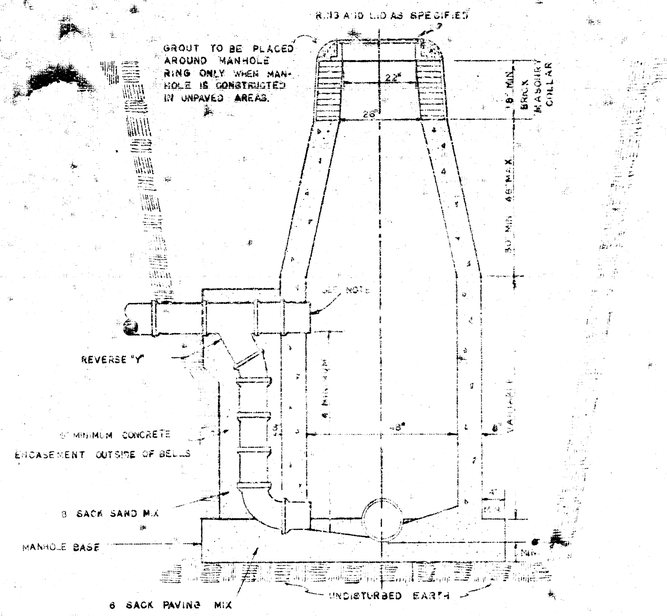
STANDARD MANHOLE, TYPE "C"



DROP MANHOLE, TYPE "C"



OUTSIDE DROP MANHOLE, TYPE "C"



GENERAL NOTES

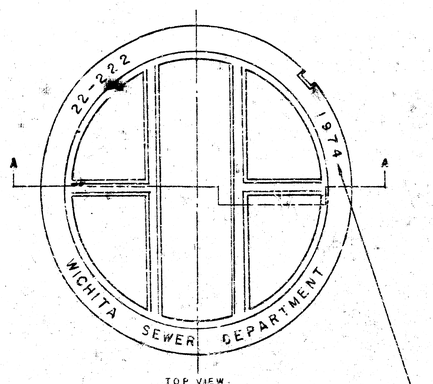
MORTAR USED IN MASONRY CONSTRUCTION SHALL CONTAIN 8 SACKS OF CEMENT PER CUBIC YARD.

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

OUTSIDE DROP MANHOLES TYPE "C" SHALL BE BID AS STANDARD OUTSIDE DROP MANHOLES FOR THE TYPE AND DIAMETER INDICATED. ALL MANHOLE DIAMETERS WILL BE 4FT. UNLESS INDICATED OTHERWISE. MANHOLES WITH PIPE SIZES LARGER THAN 24" SHALL BE 5FT. DIAMETER.

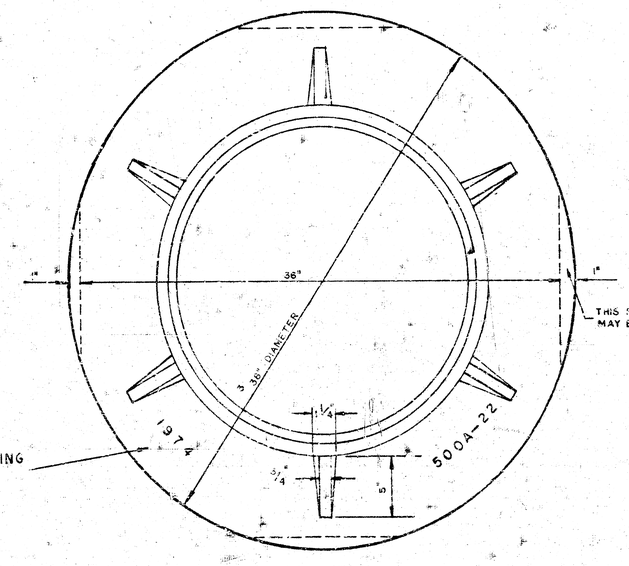
THE FLOORS OF ALL MANHOLES SHALL BE SHAPED TO INCREASE HYDRAULIC EFFICIENCY USING 8 SACK SAND MIX CONCRETE.

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



TOP VIEW

MANHOLE COVER

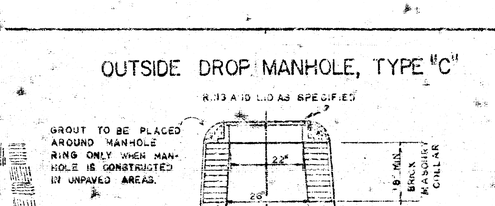


TOP VIEW

MANHOLE RING

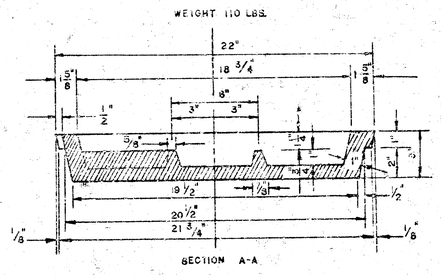
WEIGHT 325 LBS. RING NO. 500A

WEIGHT 800 LBS. RING NO. 500AS

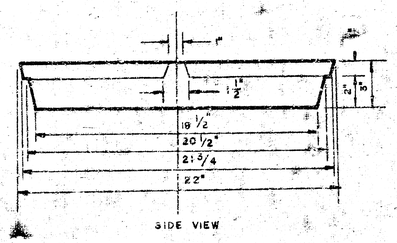


SECTIONAL ELEVATION—INVERT

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.

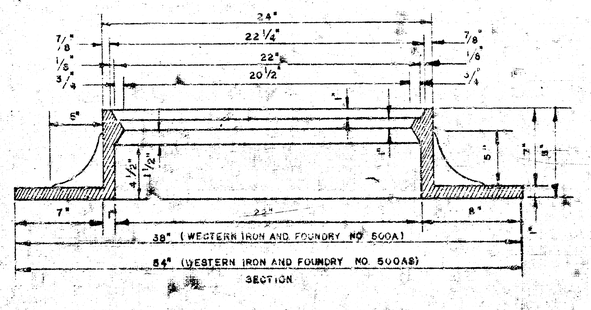


MANHOLE COVER



MANHOLE COVER

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



MANHOLE RING

DBKW 704037

WESTWAY SHOPPING CENTER

DETAILS OF

SEWER APPURTENANCES

ADOPTED AS STANDARD DESIGN

BY

ENGINEERING DIVISION

CITY OF WICHITA, KANSAS

R. W. LINN CITY ENGINEER

1974 SH. 5 OF