SANITARY SEWER EXTENSIONS

LAKESIDE MOBILE HOME PARK 2ND ADDITION

PROJECT NO. 1313

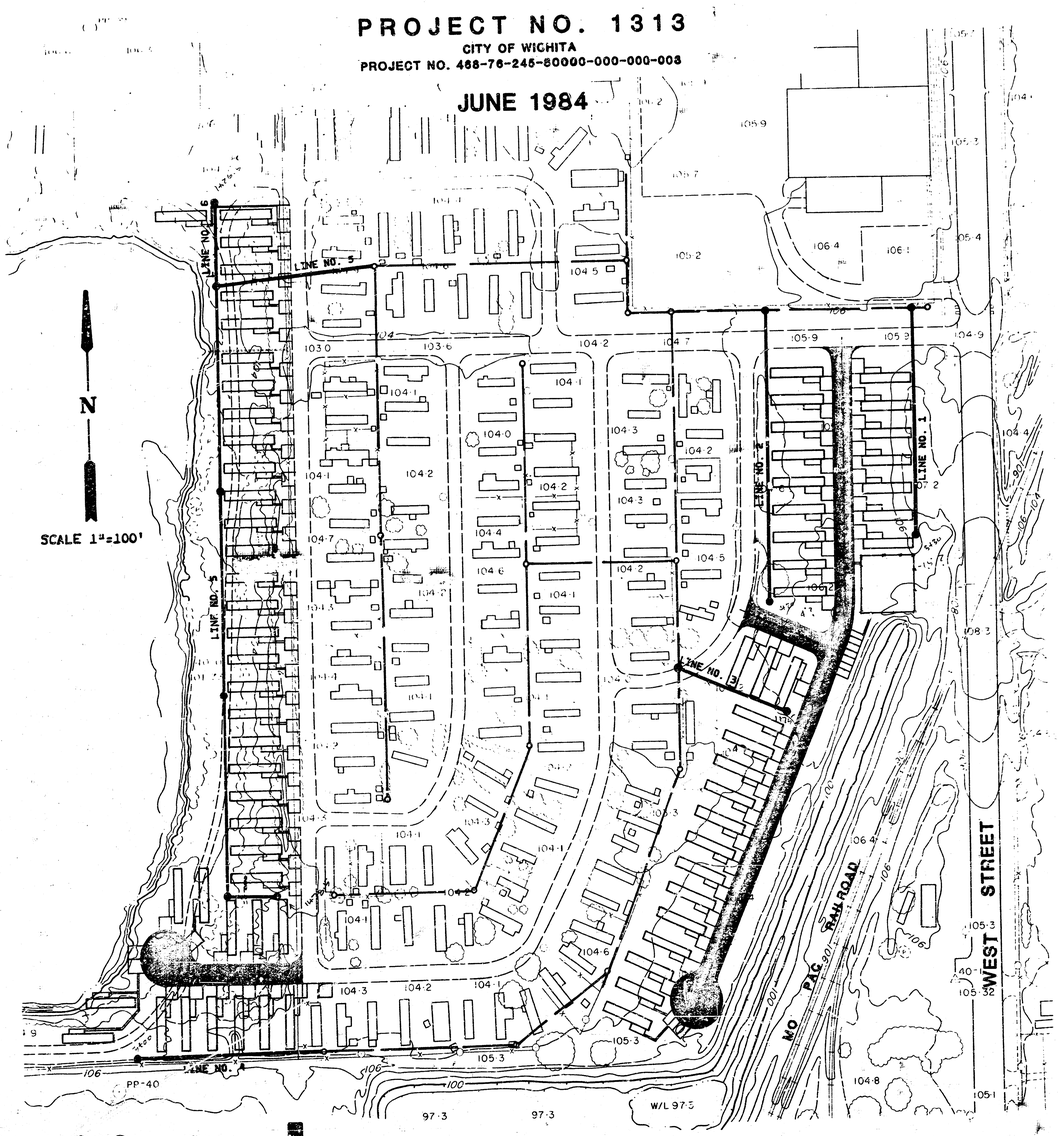
CITY OF WICHITA

PROJECT NO. 468-76-245-80000-000-000-008

JUNE 1984

LEGEND

PROPOSED SEWER LINES
PROPOSED MANHOLE
EXISTING SEWER LINE
EXISTING MANHOLE



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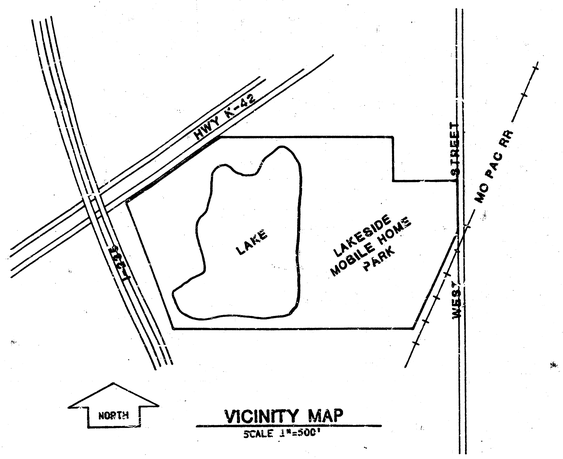
TYPE A MANHOLE	8
TYPE C MANHOLE	9



NORTH

VICINITY MAP
SCALE 1"=500'

GENERAL NOTES

1. THE OWNER'S SURVEYOR WILL PROVIDE ALL CONSTRUCTION STAKING ON THIS PROJECT
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENCED LAND SURVEYOR OR A LICENCED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS.
3. NOTIFY THE FOLLOWING COMPANIES PRIOR TO ANY TRENCHING.

ARKLA GAS CO.	942-8350
BELL TELEPHONE CO.	268-3087
CABLEVISION	265-6817
GAS SERVICE CO.	263-7511
KANSAS GAS & ELECTRIC	261-6248
DERBY REFINING CO.	267-0361
KAN-U-DIG-IT	267-2882
LAKESIDE MOBILE HOME PARK	943-9401

4. THE CONTRACTOR WILL ARRANGE FOR AND PAY THE CITY OF WICHITA TO TELEVISE AND AIR TEST ALL PROPOSED MAIN SEWER LATERALS PRIOR TO INSTALLATION OF SERVICE CONNECTIONS TO THE MAIN. THE OWNER WILL REIMBURSE THE CONTRACTOR FOR THESE COSTS.
5. INSPECTION WILL BE BY OWNER'S ENGINEER AT NO COST TO THE CONTRACTOR.

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA
Sanitary Sewers CJB Blaker
Storm Sewers _____
Driveway Approaches _____

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.

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS

KENNY E. POE LICENSED 7600 KANSAS PROFESSIONAL ENGINEER

FINAL

COMPLETED for BIDDING or CONSTRUCTION PURPOSES
(PLANS/SPECIFICATIONS NOT BEARING THIS STAMP MAY HAVE SLIGHT REVISIONS AND SHOULD NOT BE USED FOR BIDDING OR CONSTRUCTION PURPOSES.)

DATE AUG 22 1984

SET NO. 7

As Constructed Plans
11-19-84

1/9

SHEET 1 OF 9

FILMED FROM THE BEST

NOTE:
ALL ANGLES 90° UNLESS OTHERWISE SHOWN.

MO PAC RAILROAD

FENCED PLAYGROUND

30' BUILDING SETBACK

30' UTILITY EASEMENT

Δ=23°19'30"
R=321.93'
T=35.25'

N. LINE LOT 1, BLOCK 1
LAKESIDE MOBILE HOME PARK 2ND ADDN.

WEST STREET

NORTH

SCALE: 1"=50'

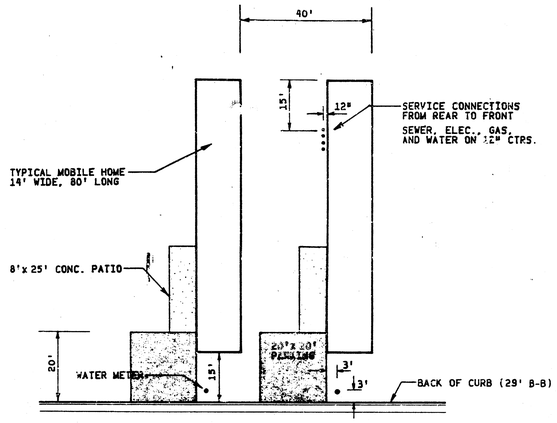
2/9

POE & ASSOCIATES
CONSULTING ENGINEERS

LAKESIDE MOBILE HOME PARK 2ND ADD.
SANITARY SEWER EXTENSIONS
PROJECT NO. 1018

ENGINEER: K.HILL	CHECKED BY:
DRAWN BY: L.V.	SCALE: 1"= 50'
DATE: JUNE 1984	SHEET 2 OF 9

FILMED FROM THE BEST



TYPICAL MOBILE HOME SPACES

SCALE 1"=20'

BM #1

CITY DISK @ C. WEST STREET, 24.8' N. OF N. RAIL @ NE. COR. SEC. 2-28-1W
ELEV. 109.98

BM #2

"+" CUT IN TOP MH RING 10' W. OF PUMPING STATION @ MOBILE HOME PARK ENTRANCE
ELEV. 105.61

LOT 2
BLK 2

LOT 1
BLK 2

"X" IN CONCRETE

E. LINE LOT 2, BLOCK 2
LAKESIDE MOBILE HOME PARK 2ND ADDN.

NORTH

SCALE 1"=50'

3/9

POE & ASSOCIATES CONSULTING ENGINEERS	LAKESIDE MOBILE HOME PARK 2ND ADD.
	SANITARY SEWER EXTENSIONS
	PROJECT NO. 1318
ENGINEER K.HILL	CHECKED BY
DRAWN BY L.W.	SCALE 1"=50'
DATE JUNE 1984	SHEET 3 OF 9

99.68

99.22

CONNECT 4" PVC SERVICE LINES TO EXISTING 8" VCP SANI. SEWER BY TAPPING AND ~~INSTALLING A 4" SADDLE FITTING CONFORMING~~ TO CITY OF WICHITA CODE.

1/4 SECTION LINE

10'

10'

152.7'

MH 0+00
CONSTR. TYPE A

98.71

98.21

97.71

EXIST. 8" V.C.P.

PROP. 8" A/C WTR.

97.07

STREET CROSSING, FENCE, DRIVE, AND SIDEWALK REMOVAL INCIDENTAL TO PROJECT COSTS. REPLACEMENT "BY OTHERS." PROVIDE 30' OF TRENCH SETTING AND VIBRATION

CAUTION

LOCATE AND ESTABLISH DEPTH OF EXISTING PIPELINES BEFORE BEGINNING CONSTRUCTION OF LINE 1 OR 2

EXIST. 3" GAS

LINE NO. 3

MH 1+75
CONSTR. TYPE A

LINE NO. 2

MH 0+00
CONSTR. TYPE A OR C MH

96.79

90°00'

5/8" IRON

10' UTILITY EASEMENT

MO PAC RAILROAD

30' UTILITY EASEMENT

FENCED PLAYGROUND

PROVIDE 30' OF TRENCH SETTING AND VIBRATION AT STREET CROSSING (SEE SPECS) ACCESS TO MOBILE HOME PARK MUST BE MAINTAINED DURING CONSTRUCTION OF LINE 1 AND 2.

EXIST. 8" V.C.P.

MH 0+00
CONSTR. TYPE A OR C MH

96.32

96.27

NORTH

35' BUILDING SETBACK

LINE NO. 1

MH 3+30
CONSTR. TYPE A

IRON

SCALE: 1"=50'

4/9

WEST

STREET

SE COR. NE 1/4 SEC. 2-28-1W

STREET CROSSING BY OPEN CUT, INCIDENTAL TO PROJECT COST. (AVM'T REPLACEMENT "BY OTHERS")

POE & ASSOCIATES
CONSULTING ENGINEERS

LAKESIDE MOBILE HOME PARK 2ND ADD.
SANITARY SEWER EXTENSIONS
PROJECT NO. 1313

ENGINEER: K. HILL	CHECKED BY:
DRAWN BY: L.W.	SCALE: 1"=50'
DATE: JUNE 1984	SHEET 4 OF 9

FILMED FROM THE BEST

LAKE

NOTES:
1. SERVICE LINES ARE 4" UNLESS OTHERWISE SHOWN.
2. SOLVENT WELDED JOINTS SHALL BE REQUIRED 10' EACH DIRECTION FROM WATER LINE CROSSINGS WITH LESS THAN 2' OF CLEARANCE FROM SEWERS OR ONE 20' LENGTH OF PIPE, WITH GASKETED JOINTS 10' EITHER SIDE OF THE WATER LINE MAY BE INSTALLED.

FILL TO 104.3 OVER SEWER SERVICE

IF NECESSARY FOR SEWER CONSTRUCTION THE OWNER WILL REMOVE AND REPLACE EXIST. CULVERT

MH 3+00 CONSTR TYPE A

75'-8" SERV. @ 1/8"/FT.

MH 8+10 CONSTR TYPE A

MH 11+18.5 CONSTR TYPE A

MH 5+30 CONSTR TYPE A

MH 2+33 CONSTR TYPE A

FL 30" R.C.P. 95.63

MH 1+26.5 INSTALL 8" STUB W. F.L. 99.20 CONSTR. TYPE A

11+78.5 MH ~~11+80~~ CONSTR TYPE A

LINE NO.5

LINE NO.6

LINE NO. 4

90' R/W

5' TYP.

10'

20'

3.5' R

SE COR LOT 8

41.4'

MH 0+00 CONNECT TO EXISTING MANHOLE

100.53

PROP LINE TO FRONT EDGE OF PARKING 10' TYPICAL

FL 30" R.C.P. 100.46

3" W

2" GAS

2" W

LINE NO. 5

MH 0+00 CONNECT TO EXISTING MANHOLE

98.15

NORTH

SCALE 1"=50'

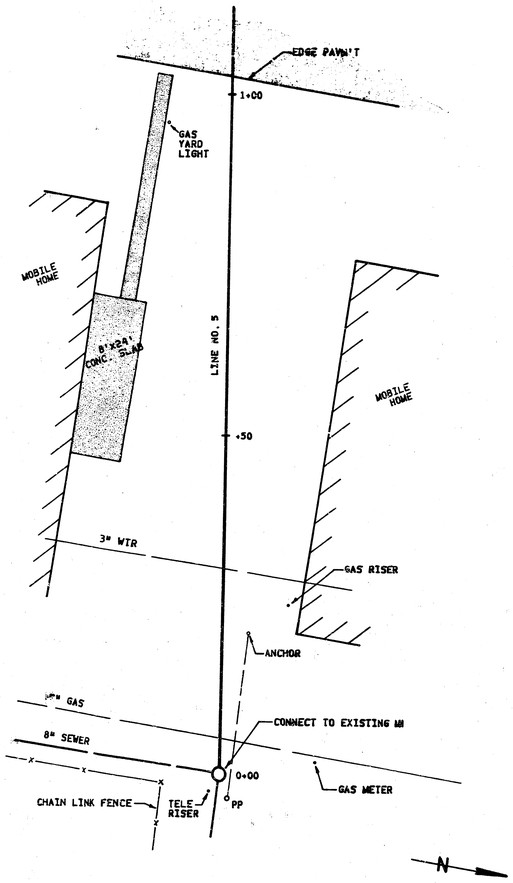
5/9

POE & ASSOCIATES
CONSULTING ENGINEERS

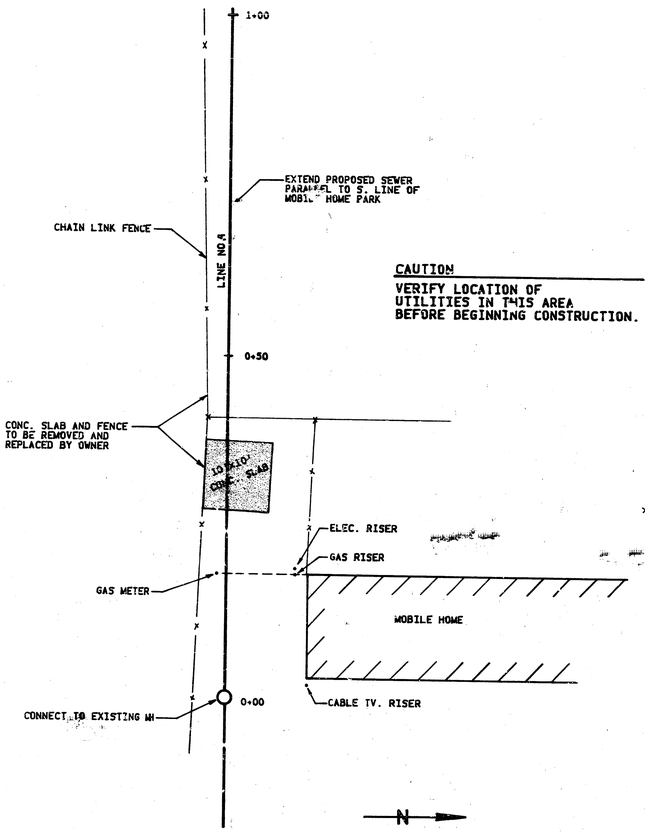
LAKESIDE MOBILE HOME PARK 2ND ADD.
SANITARY SEWER EXTENSIONS
PROJECT NO. 1313

ENGINEER: K. HILL	CHECKED BY:
DRAWN BY: L.W.	SCALE: 1"=50'
DATE: JUNE 1984	SHEET 5 OF 9

FILMED FROM THE BEST



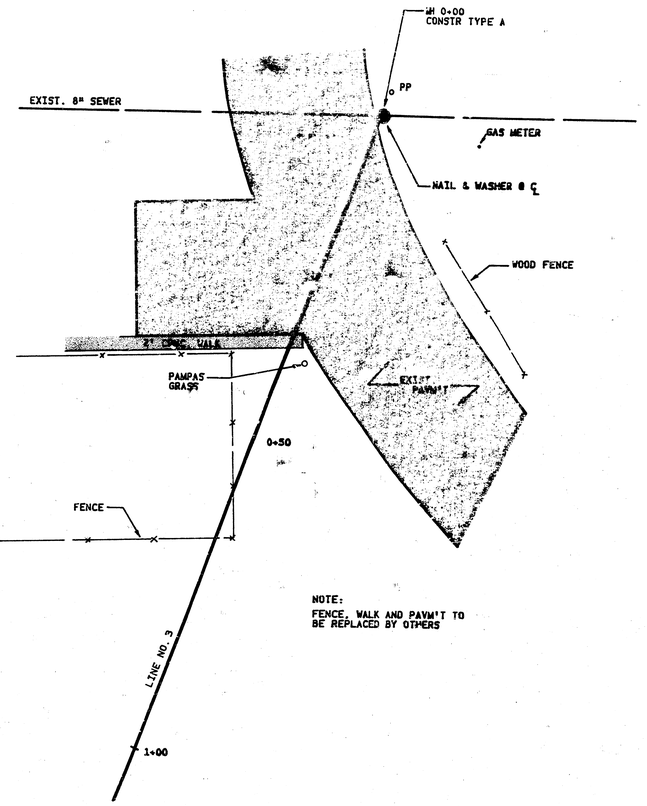
LINE NO. 5
SCALE 1"=10'



LINE NO. 4
SCALE 1"=10'

CAUTION

VERIFY LOCATION OF UTILITIES IN THIS AREA BEFORE BEGINNING CONSTRUCTION.



NOTE:
FENCE, WALK AND PAVM'T TO BE REPLACED BY OTHERS

LINE NO. 3
SCALE 1"=10'

6/9

POE & ASSOCIATES
CONSULTING ENGINEERS

LAKESIDE MOBILE HOME PARK 2ND ADD.
SANITARY SEWER EXTENSIONS
PROJECT NO. 1313

ENGINEER: K. HILL	CHECKED BY:
DRAWN BY: L.W.	SCALE: NOTED
DATE: JUNE 1984	SHEET 6 OF 9

	STATE		FISCAL YEAR	SHEET NO.	TOTAL SHEETS

PLAN
SURVEYED
PLOTTED
QUANTITIES CHECKED
R/W CHECKED
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
R.R.'s NOTED
STRUCTURE NO'S/TRG CHKD
NOTE BOOK
NO.
BY
DATE

LINE NO. 1

EXIST. MH 0-00
TOP MH 105.5
TOP MH 103.2
MH 3+30
PROP. 8" WTR. LINE
3" GAS
EXIST. 3" WTR (VERIFY DEPTH)
330 LIN. FT. 8" PVC PIPE @ 0.88% GRADE
98.98
98.98
101.22

LINE NO. 2

MH 0-00
TOP MH 104.9
TOP MH 104.5
MH 4+20
PROP. 8" WTR. LINE
3" GAS
EXIST. 3" WTR (VERIFY DEPTH)
420 LIN. FT. 8" PVC PIPE @ 0.65% GRADE
98.79
97.79
100.52

LINE NO. 3

MH 0-00
TOP MH 103.6
TOP MH 104.0
MH 1+75
175 LIN. FT. 8" PVC PIPE @ 0.4% GRADE
98.84
98.53
99.01

LINE NO. 4

EXIST. MH 0-00
TOP MH 105.0
MH 3+00
300 LIN. FT. 8" PVC PIPE @ 0.3% GRADE
100.53
101.43

LINE NO. 5

EXIST. MH 0-00
MH 2+35
MH 5+30
MH 8+10
EXIST. 2" GAS
EXIST. 3" WTR.
TOP MH 102.62
EXIST. GROUND
PROP. 8" WTR LINE
LINE NO.6 98.72
APPROX. LOCATION CULVERT (SEE NOTE ON PLAN)
TOP MH 102.8
FILL MUST EITHER BE IN PLACE AT TIME OF SEWER CONSTRUCTION OR INSTALLED OVER THE PIPE BY THE SEWER CONTRACTOR.
FILL PROVIDED BY OWNER TO MAINTAIN 3' DEPTH
TOP MH 102.9
MH 11+16.5
MH 11+40
TOP MH 103.8
TOP MH 104.1
810 LIN. FT. 8" PVC PIPE @ 0.2% GRADE
370 LIN. FT. 8" PVC PIPE @ 0.3% GRADE
99.15
98.82
98.72
99.47
100.79
100.69
101.06

LINE NO. 6

MH 0-00
MH 14+26.5
TOP MH 102.7
TOP MH 104.1
126.5 LIN. FT. 8" PVC PIPE @ 0.3%
98.82
98.72
99.10

WINIMUM FILL REQUIRED OVER SEWER

10'
5'
5'
3:1
3:1
3:1 MIN.
FILL
SEWER PIPE
EXISTING GROUND

7/9

POE & ASSOCIATES
CONSULTING ENGINEERS

LAKESIDE MOBILE HOME PARK 2ND ADD.
SANITARY SEWER EXTENSIONS
PROJECT NO. 1318

ENGINEER: K. HILL	ENG TECH:
DRAWN BY: L.W.	SCALE: NOTED
DATE: JUNE 1984	SHEET 7 OF 9

FILMED FROM THE BEST AVAILABLE COPY

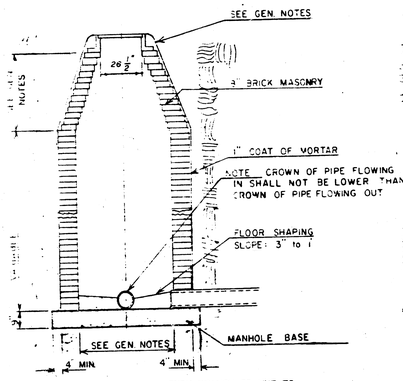
REVISED SEPTEMBER 1980
REVISED DECEMBER 1981

SEWER APPURTENANCES DETAILS

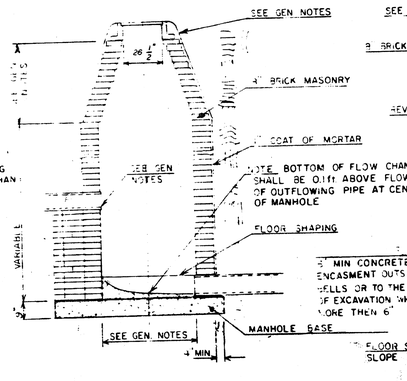
ADOPTED AS STANDARD DESIGN BY

CITY of WICHITA, KANSAS

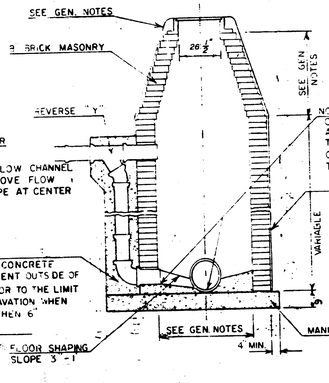
TYPE "A" MANHOLE



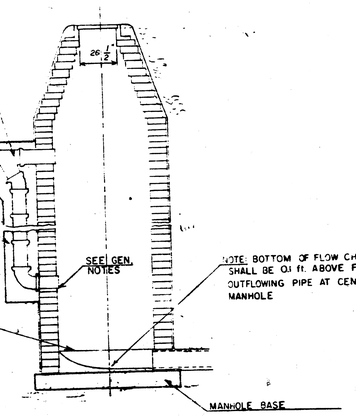
TYPE "A" INSIDE DROP MANHOLE

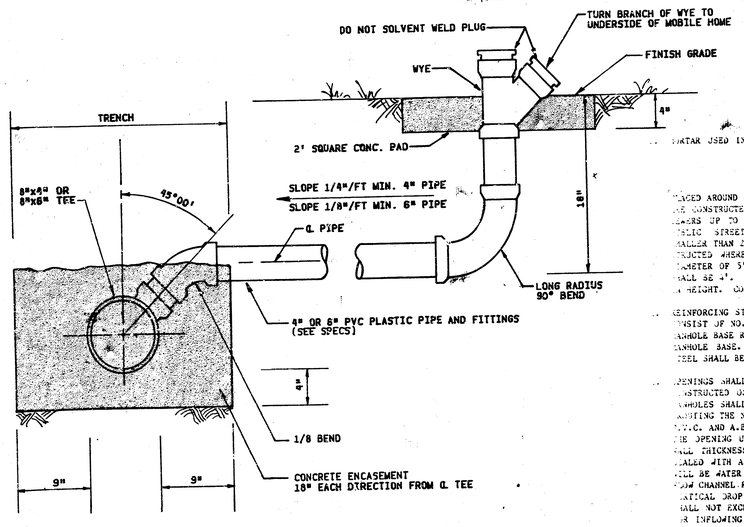


TYPE "A" OUTSIDE DROP MANHOLE



DETAIL OF OUTSIDE DROP CONSTRUCTED ON EXISTING MANHOLE





TYPICAL SERVICE LINE

SCALE 1 1/2"=1'-0"

GENERAL NOTES

1. MORTAR USED IN MASONRY CONSTRUCTION SHALL BE AS SPECIFIED.

2. MORTAR SHALL BE PLACED AROUND THE MANHOLE RING AS SHOWN. IF THE DRAWINGS WHEN MANHOLES ARE CONSTRUCTED IN UNPAVED AREAS. TYPE "A" MANHOLES CAN BE USED ON LATERALS UP TO 15' IN DEPTH WHEN THE MANHOLE IS NOT LOCATED WITHIN PUBLIC STREET PAVEMENT. MANHOLES CONSTRUCTED WHERE PIPE SIZES ARE SMALLER THAN 24" SHALL HAVE AN INSIDE DIAMETER OF 4'. MANHOLES CONSTRUCTED WHERE PIPE SIZES ARE 24" OR LARGER SHALL HAVE AN INSIDE DIAMETER OF 5'. THE HEIGHT OF THE CHANNELS ON 4' DIAMETER MANHOLES SHALL BE 4'. MANHOLES HAVING A DIAMETER OF 5' SHALL HAVE CHANNELS 6' IN HEIGHT. COMPLETED MANHOLE SHALL BE WITHOUT LEAKS AND WATER TIGHT.

3. REINFORCING STEEL SHALL BE INSTALLED IN THE MANHOLE BASES AND SHALL CONSIST OF NO. 4 BARS PLACED ON 6" CENTERS IN BOTH DIRECTIONS. THE MANHOLE BASE REINFORCEMENT SHALL BE PLACED 3" ABOVE THE BOTTOM OF THE MANHOLE BASE. ALL COSTS FOR FURNISHING AND INSTALLING REINFORCING STEEL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE.

4. OPENINGS SHALL BE CUT INTO THE MANHOLE WALL WHEN OUTSIDE DROPS ARE CONSTRUCTED ON EXISTING MANHOLES. SUCH OPENINGS IN EXISTING MANHOLES SHALL BE AS SMALL AS PRACTICAL TO FACILITATE INSTALLING AND JOINTING THE NEW PIPE IN PLACE. WATERSTOP GASKETS SHALL BE USED WITH V.C.C. AND A.B.S. COMPOSITE PIPE. THE NEW PIPE SHALL BE JOINTED INTO THE OPENING USING AN APPROVED NON-SHRINK GROUT FOR THE FULL MANHOLE WALL THICKNESS. THE EXTERIOR OF THE COMPLETED CONNECTION SHALL BE SEALED WITH AN APPROVED BITUMINOUS COATING SUCH THAT THE CONNECTION WILL BE WATER TIGHT. FLOOR OF MANHOLE SHALL BE MODIFIED TO FORM NEW FLOW CHANNEL FOR THE NEW CONNECTION AS INDICATED BY THE DRAWING. THE VERTICAL DROP FROM THE LOWER PIPE IN SUCH OUTSIDE DROP CONNECTIONS SHALL NOT EXCEED 4' FOR INFLOWING PIPES SIZED 12" OR SMALLER AND 2' FOR INFLOWING PIPES SIZED LARGER THAN 24", EXCEPT THE CROWN OF THE LOWER PIPE SHALL NEVER BE SET BELOW THE CROWN OF ANY LARGER OUTFLOWING PIPE. THIS WORK, INCLUDING MODIFICATION OF MANHOLE FLOOR, SHALL BE PAID FOR AT THE UNIT PRICE BID FOR OUTSIDE DROP STACK CONSTRUCTED ON EXISTING MANHOLE.

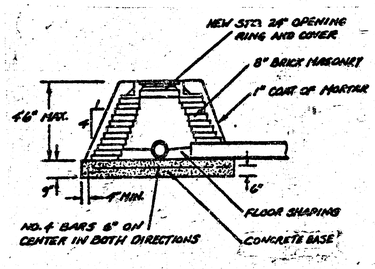
5. THE FLOORS OF ALL MANHOLES SHALL BE SHAPED WITH FLOW CHANNELS SUCH THAT THE MANHOLES WILL BE SELF CLEANING AND FREE OF AREAS WHERE SOLIDS TEND TO DEPOSITED AS DRAINS FLOWS THROUGH THE MANHOLE FROM THE INFLOWING PIPES TO THE OUTLET PIPE. FLOW CHANNELS SHALL BE FORMED TO MATCH THE BOTTOM HALVES OF THE INFLOWING PIPES AND THE OUTFLOWING PIPE AS SHOWN BY THE VARIOUS EXCEPT FOR INSIDE DROP MANHOLES. FLOW CHANNELS FOR INSIDE DROP MANHOLES SHALL BE CONSTRUCTED AS INDICATED BY THE DRAWING. MANHOLE FLOORS SHALL HAVE SLOPES OF 3 INCHES PER FOOT IN THE AREAS OUTSIDE OF THE FLOW CHANNELS SLOPED TOWARD THE FLOW CHANNELS. PIPES LAID THROUGH MANHOLES SHALL HAVE THE TOP HALF REMOVED TO MEET LINES FOR THE FULL INSIDE DIAMETER OF THE MANHOLE. MANHOLE FLOORS SHALL THEN BE SHAPED AROUND THE BOTTOM HALF OF THE PIPE WHICH FORMS THE FLOW CHANNEL.

6. PIPES INSTALLED WITHIN THE EXCAVATION MADE FOR THE MANHOLE SHALL BE CRADLED WITH CONCRETE TO THE LIMITS OF THE MANHOLE EXCAVATION. WHEN CLAY PIPE IS USED, THE CRADLE SHALL EXTEND TO THE FIRST JOINT OUTSIDE THE MANHOLE. THE CRADLE SHALL BE TERMINATED AT THE CLAY PIPE JOINT IN A MANNER WHICH WILL MAINTAIN THE FLEXIBILITY OF THE JOINT. COST OF CRADLE WITHIN MANHOLE EXCAVATION AND FOR CLAY PIPE JOINTS ADJACENT TO MANHOLE SHALL BE INCLUDED IN THE BID FOR THE MANHOLE.

7. MANHOLE COVER CASTINGS AND MANHOLE FRAME CASTINGS SHALL BE STANDARD CITY OF WICHITA MANHOLE CASTINGS.

8. A VERTICAL DROP IN OUTSIDE DROP CONNECTIONS SHALL NOT EXCEED 4' FOR INFLOWING PIPES SIZED 12" OR SMALLER AND 2' FOR INFLOWING PIPES SIZED LARGER THAN 24". THE CROWN OF THE INFLOWING PIPES SHALL NEVER BE SET LOWER THAN THE CROWN OF THE OUTFLOWING PIPE.

9. [illegible] MANHOLES TYPE "A" AND STANDARD [illegible] DROP MANHOLES TYPE "A" [illegible] AS STANDARD MANHOLES [illegible] TYPE AND DIAMETER INDICATED. [illegible] DROP MANHOLES TYPE "A" [illegible] AS STANDARD INSIDE DROP MANHOLES FOR THE TYPE AND DIAMETER INDICATED. ALL [illegible] DIAMETERS SHALL BE 4' UNLESS [illegible] OTHERWISE.



SPECIAL MANHOLE "TYPE A"

LAKESIDE MOBILE HOME PARK 2ND ADD.
SANITARY SEWER EXTENSIONS
PROJECT NO. 1318
JUNE 1984 SHEET NO. 8 OF 9

8/9

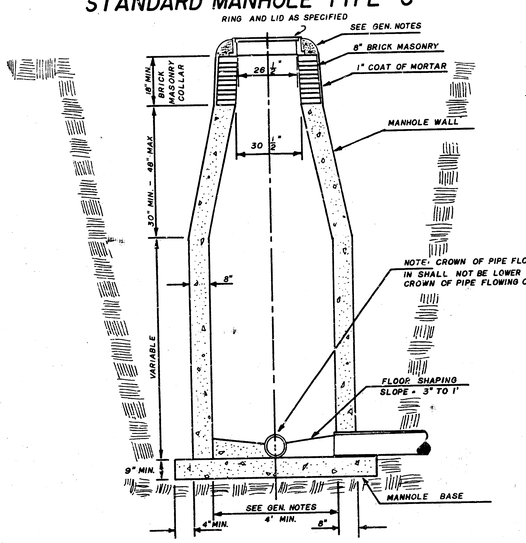
FILMED FROM THE BEST

SEWER APPURTENANCES DETAILS

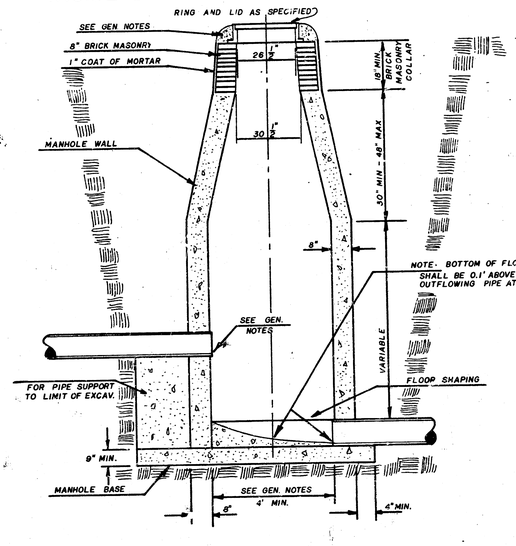
ADOPTED AS STANDARD DESIGN BY

City of Wichita, Kansas

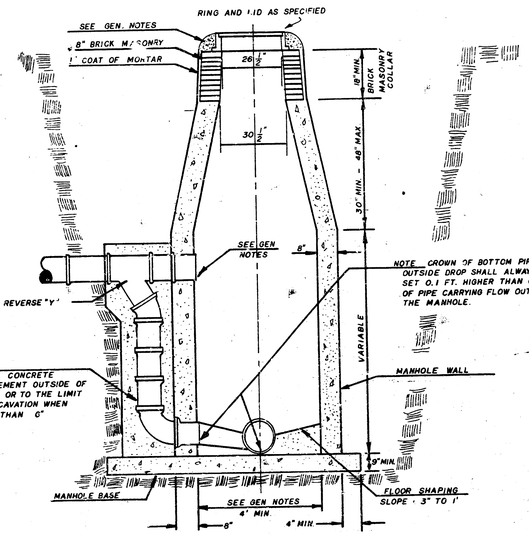
STANDARD MANHOLE TYPE "C"



INSIDE DROP MANHOLE TYPE "C"



OUTSIDE DROP MANHOLE TYPE "C"



GENERAL NOTES

1. MORTAR USED IN MASONRY CONSTRUCTION SHALL BE AS SPECIFIED. THE INSIDE DIAMETER OF TYPE "C" MANHOLES SHALL BE 4'. COMPLETED MANHOLE SHALL BE WITHOUT LEAKS AND WATER TIGHT.

2. REINFORCING STEEL SHALL BE INSTALLED IN THE MANHOLE BASE. REINFORCING STEEL SHALL CONSIST OF NO. 4 BARS PLACED ON 6" CENTERS IN BOTH DIRECTIONS. REINFORCING STEEL SHALL BE PLACED 6" ABOVE THE BOTTOM OF THE MANHOLE BASE. COST OF FURNISHING AND INSTALLING REINFORCING STEEL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE.

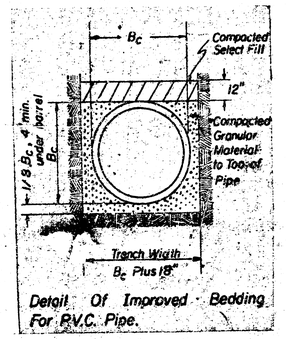
3. AN OPENING SHALL BE CUT IN THE MANHOLE WALL FOR THE UPPER INLET PIPE FOR INSIDE AND OUTSIDE DROP MANHOLES. THE UPPER INLET PIPE SHALL BE GROUTED INTO THIS OPENING WITH NON-SHRINK GROUT. THE EXTERIOR OF THIS COMPLETED CONNECTION SHALL BE SEALED WITH AN APPROVED BITUMINOUS COATING SUCH THAT THE CONNECTION WILL BE WATER TIGHT.

4. THE FLOORS OF ALL MANHOLES SHALL BE SHAPED WITH FLOW CHANNELS SUCH THAT THE MANHOLES WILL BE SELF CLEANING AND FREE OF AREAS WHERE SOLIDS COULD BE DEPOSITED AS SEWAGE FLOWS THROUGH THE MANHOLE FROM ALL INLET PIPES TO THE OUTLET PIPE. FLOW CHANNELS SHALL BE FORMED TO MATCH THE BOTTOM HALVES OF THE INFLOWING PIPES AND THE OUTFLOWING PIPE AS SHOWN BY THE DRAWINGS EXCEPT FOR INSIDE DROP MANHOLES. FLOW CHANNELS FOR INSIDE DROP MANHOLES SHALL BE CONSTRUCTED AS INDICATED BY THE DRAWING. MANHOLE FLOORS SHALL HAVE SLOPES OF 3 INCHES PER FOOT IN THE AREAS OUTSIDE OF THE FLOW CHANNELS SLOPED TOWARD THE FLOW CHANNELS. PIPES LAID THROUGH MANHOLES SHALL HAVE THE TOP HALF REMOVED TO NEAT LINES FOR THE FULL INSIDE DIAMETER OF THE MANHOLE. MANHOLE FLOORS SHALL THEN BE SHAPED AROUND THE BOTTOM HALF OF THE PIPE WHICH FORMS THE FLOW CHANNEL.

5. PIPES INSTALLED WITHIN THE EXCAVATION MADE FOR THE MANHOLE SHALL BE CRADLED WITH CONCRETE TO THE LIMITS OF THE MANHOLE EXCAVATION. WHEN CLAY PIPE IS USED, THE CRADLE SHALL EXTEND TO THE FIRST JOINT OUTSIDE THE MANHOLE. THE CRADLE SHALL BE TERMINATED AT THE CLAY PIPE JOINT IN A MANNER WHICH WILL MAINTAIN THE FLEXIBILITY OF THE JOINT. COST OF CRADLE WITHIN MANHOLE EXCAVATION OR TO CLAY PIPE JOINTS ADJACENT TO MANHOLE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE.

6. MANHOLE COVER CASTINGS AND MANHOLE FRAME CASTINGS SHALL CONFORM TO THE REQUIREMENTS AS INDICATED IN THE STANDARD SPECIFICATIONS AND AS SHOWN IN THE STANDARD DETAIL DRAWING.

7. THE VERTICAL DROP IN INSIDE DROP MANHOLES SHALL NOT EXCEED 4' FOR INFLOWING PIPES SIZED 12" OR SMALLER AND 2' FOR INFLOWING PIPES LARGER THAN 12". THE CROWNS OF INFLOWING PIPES SHALL NEVER BE SET LOWER THAN THE CROWN OF THE OUTFLOWING PIPE.



Detail Of Improved Bedding For P.V.C. Pipe.

LAKESIDE MOBILE HOME PARK 2ND ADD. 9/9
SANITARY SEWER EXTENSIONS
PROJECT NO. 1319
JUNE 1984 SHEET 9 OF 9

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JNL JAN. 1982

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