STORM SEWER PLANS FOR
KILLARNEY FIRST ADDITION

PROJECT NO.
468·76·245·80001·000·000·185

Index Code # 606863

CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, CITY ENGINEER
NOVEMBER, 1988

GENERAL NOTES

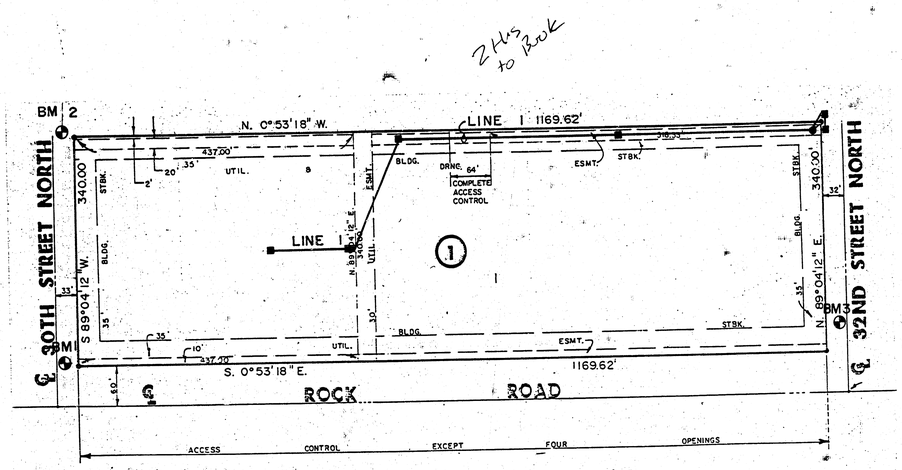
1. THE TOPS OF INLET AND MANHOLE AS NOTED ON THE PLANS MAY VARY SO AS TO MEET PROPOSED TOP OF CURB ELEVATIONS OR PAVEMENT ELEVATIONS. THE FIELD ENGINEER SHALL LOCATE INLETS AND MANHOLES WITH REFERENCE TO PROPOSED PAVING PLANS OF THE PERTINENT STREETS.
2. ALL CONCRETE SHALL BE STANDARD PAVING MIX UNLESS OTHERWISE NOTED.
3. 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 LICENSED LAND SURVEYOR OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS.
4. EXISTING UTILITIES AND THEIR LOCATIONS, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED.
5. CONSTRUCTION OF THIS PROJECT SHALL BE PHASED. PHASE I OF THIS PROJECT SHALL BE STATION 3 + 20 TO 9 + 81.7. THE PURPOSE OF PHASING IS TO CLEAR THE PAVING OF THE SITE WHERE THE BUILDING IS UNDER CONSTRUCTION. PHASE II IS THE REST OF THE PROJECT.

NOTE: NOTIFY THE FOLLOWING COMPANIES PRIOR TO ANY EXCAVATION:

BELL TELEPHONE COMPANY	1-316-571-2115
CABLEVISION	262-0661
KP&L COMPANY	263-7511
KANSAS GAS & ELECTRIC	264-1141

BENCH MARKS

B.M. #1 "□" Cut on West End of the N.W. Return of 30th Street No. & Rock Rd.
B.M. #2 "□" Cut on North T.C. of 30th Street No. at S.W. Corner Killarney First Addition.
B.M. #3 "□" Cut on North T.C. 32nd Street No. & 100' West of ℄ of Rock Rd.



INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2-3	PLAN & PROFILE LINE 1
4	SHALLOW MANHOLE DETAIL
5	DROP INLET DETAIL
6	CURB INLET DETAIL
7	FINAL PLAT

NOTE TO CONTRACTOR

INSPECTION AND TESTING FOR THIS PROJECT IS TO BE PROVIDED BY A LICENSED CONSULTING ENGINEERING FIRM UNDER CONTRACT WITH THE OWNER/DEVELOPER. SAID INSPECTION TO BE IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD CONSTRUCTION ENGINEERING PRACTICES AND CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER. NO WORK SHALL BE PERFORMED IN DEDICATED EASEMENTS OR THE PUBLIC RIGHT-OF-WAY BY THE CONTRACTOR WITHOUT SUCH INSPECTION NOR SHALL ANY WORK BE COMMENCED IN DEDICATED EASEMENTS OR PUBLIC RIGHT-OF-WAY WITHOUT WRITTEN AUTHORIZATION BY THE CITY ENGINEER.

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA

Sanitary Sewers _____
Storm Sewers V.R.H. 11/9/88
Driveway Approaches _____
Water Mains _____
Paving _____

GREGORY J. ALLISON LICENSED 11159 KANSAS PROFESSIONAL ENGINEER

AS BUILT - DEC. 1988

MK EC

KILLARNEY FIRST STORM WATER SEWER PLANS

Design GJA
Drawn by KKL
Checked by
Date Nov., 1988
Job no.

MID-KANSAS ENGINEERING CONSULTANTS PA
3500 NORTH ROCK ROAD
BUILDING #800
WICHITA, KANSAS 67226
682-6561

Sheet 1 of 7

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KILLARNEY FIRST ADDITION
STORM WATER SEWER
PROJ. NO. 468-76-245-80001-000-000-185

N

SCALE: 1" = 20' Hor.
1" = 5' Vert.

KILLARNEY FIRST ADDITION

32ND ST. NORTH

Sta. 0+00.0
Exist. inlet

Sta. ~~0+17.6~~, Line 1
Const. Type "B" Brick Manhole 5' Dia.
Top = ~~203.3~~
See Sht. 4 for Detail

10' Util. Esmt. (by sep. instrument)
Exist. 8" San. Sewer

Water Line

G

Telephone Service Line Laying on Ground

20' Util. & Drng. Esmt.

3+22.0 A.D.
Sta. ~~3+20.0~~, Line 1
Const. Std. Drop Inlet
Double 24"x24" Frame
W=3'6" L=5'6" Top = ~~204.2~~ 204.18 A.D.
See Sht. 5 for Detail

5+62.7 A.D.
Sta. ~~5+60~~
Match Line

7' 12' A.D.

2' Wall Esmt.

Exist. Wall

115.00' 60.00' 168.00' 35.8' 60.00' 115.33'

26"

12"

5'

Remove & Replace 15 L.F. - Sidewalk
(To Nearest Joint)

NOTE:
Remove Joints Of 12" Asbestos - Cement Pipe As Necessary
2 - 12" CMJ Offsets W/24" Drop And Required 12" DICL Pipe.
The Pipe Will Have To Scg As The Top Of The 8" Pipe Will Have
To Be At Elev. = 197.00 Below The 24" RCP.

20' Util. Esmt.

11 12 13 23

COTTONWOOD VILLAGE FIFTH ADDITION

31ST ST. NO. CIR.

AS BUILT - DEC. 1988

LINE 1

Sta. 0+00.00 Line 1
Exist. Inlet 203.26 A.D.

0+20.8 A.D.
Sta. 0+17.6 Line 1
Const. Type "B" Brick Manhole 5' Dia.
Top = ~~203.3~~ 203.63 A.D.
See Sht. 4 for Detail

Sta. 3+22.00 A.D. Line 1
Const. Std. Drop Inlet
Double 24"x24" Frame
W=3'6" L=5'6" Top = ~~204.2~~ 204.18 A.D.
See Sht. 5 for Detail

Match Line
See Sht. 3

Existing Ground

Proposed & Existing Ground

Exist. 12" Water Line
Elev. = 190.6

178 L.F. of 24" RCP
@ 0.40%

Proposed Relocated
12" Water Line
Elev. = 197.0

301.2 A.D.
~~302.2~~ L.F. of 24" R.C.P. @ 0.40%

Exist. 8" Sanitary Sewer

240.4 A.D.
~~240.0~~ L.F. of 18" RCP @ 0.40%

E. In (24") = ~~197.42~~ 198.04 A.D.
E. Out (24") = ~~197.42~~ 197.86 A.D.
E. In (24") = ~~197.42~~ 197.81 A.D.
E. In (18") = ~~197.60~~ 198.10 A.D.

E. = 198.62
E. = 198.62
E. = 199.22
E. Out (24") = ~~197.30~~ 197.48 A.D.
E. In (18") = ~~197.60~~ 197.83 A.D.
E. = 200.12
E. = 200.52
E. = 200.72

0 1 2 3 4 5 +60

210 205 200 195

2/7

M.KEC.

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KILLARNEY FIRST ADDLTION
STORM WATER SEWER
PROJ. NO. 468-76-245-80001-000-000-001

KILLARNEY FIRST ADDITION

31ST ST. NORTH CIR.

COTTONWOOD SQUARE

Sta. ~~5+66~~ 5+62.4 A.B.
Match Line

20' Util. & Drng. Esmt.

2" Wall Esmt.

Exist. 8" Water W

Exist. 8" Water W

20' Util. Esmt.

Sta. ~~8+53.3~~, Line 1
Const. Std. Type I-A Curb Inlet
W=4'4" L=6'4" Top=~~209.0~~
See Sht. 6 for Detail 208.62 A.B.

30' Drng. & Util. Esmt.

~~6+78.0~~ A.B.
Sta. ~~6+76.4~~, Line 1
Const. Std. Drop Inlet
Double 24"x24" Frame
W=3'6" L=5'6" Top=~~206.5~~ 206.45 A.B.
See Sht. 5 for Detail

Use 18" Dia. RCP in Common Inlet Wall

8+52.5 A.B.
Sta. ~~8+50.7~~, Line 1
Const. Std. Type I-A Curb Inlet
W=4'4" L=6'4" Top=~~209.0~~ 208.62 A.B.
See Sht. 6 for Detail

9+77.4 A.B.
Sta. ~~9+81.7~~, Line 1
Const. Std. Type I-A Curb Inlet
W=4'4" L=6'4" Top=~~209.0~~ 208.5 A.B.
See Sht. 6 for Detail

Sta. 9+77.3, Line 1
Const. Std. Type I-A Curb Inlet
W=4'4" L=6'4" Top=~~209.0~~
See Sht. 6 for Detail 208.5 A.B.

Use 18" Dia. RCP in Common Inlet Wall

LINE 1

SCALE: 1"= 20' Hor.
1"= 5' Vert.

AS BUILT - DEC. 1988

Match Line
See Sheet 2

~~6+78.0~~ A.B.
Sta. ~~6+76.4~~, Line 1
Const. Std. Drop Inlet
Double 24"x24" Frame
W=3'6" L=5'6" Top=~~206.5~~ 206.45 A.B.
See Sht. 5 for Detail

Sta. ~~8+53.3~~, Line 1
Const. Std. Type I-A Curb Inlet
W=4'4" L=6'4" Top=~~209.0~~ 208.62 A.B.
See Sht. 6 for Detail

Sta. ~~8+52.5~~, Line 1
Const. Std. Type I-A Curb Inlet
W=4'4" L=6'4" Top=~~209.0~~ 208.5 A.B.
See Sht. 6 for Detail

Sta. 9+77.3, Line 1
Const. Std. Type I-A Curb Inlet
W=4'4" L=6'4" Top=~~209.0~~ 208.5 A.B.
See Sht. 6 for Detail

Sta. 9+77.4, Line 1
Const. Std. Type I-A Curb Inlet
W=4'4" L=6'4" Top=~~209.0~~ 208.5 A.B.
See Sht. 6 for Detail

Proposed Ground
Existing Ground

8" Water Crossing
8" Water Crossing

115.6 A.B.
~~116.4~~ L.F. of 18" RCP @ 0.40%

174.3 A.B.
~~175.9~~ L.F. of 18" RCP @ .76%
0.40%

125.1 A.B.
~~126.6~~ L.F. of 18" RCP @ 0.40%

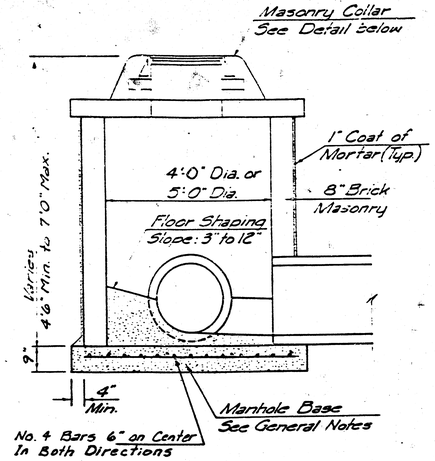
E = 200.74
E = 200.92
E Out (18") = ~~201.25~~ 201.24 A.B.
E In (18") = ~~201.33~~ 201.32 A.B.
~~203.02~~ 203.01 A.B.
E = 203.28
E = 203.67
E Out (18") = ~~203.96~~ 203.96 A.B.
E In (18") = ~~204.06~~ 204.05 A.B.
~~203.97~~ 203.97 A.B.
E = 203.47
E Out (18") = ~~204.53~~ 204.53 A.B.
E = 204.69
E Out (18") = ~~204.78~~ 204.78 A.B.

+60 5 6 7 8 9

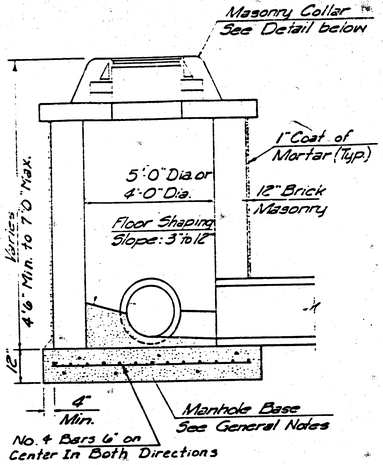
210 205 200 195

3/7
M.K.E.G.

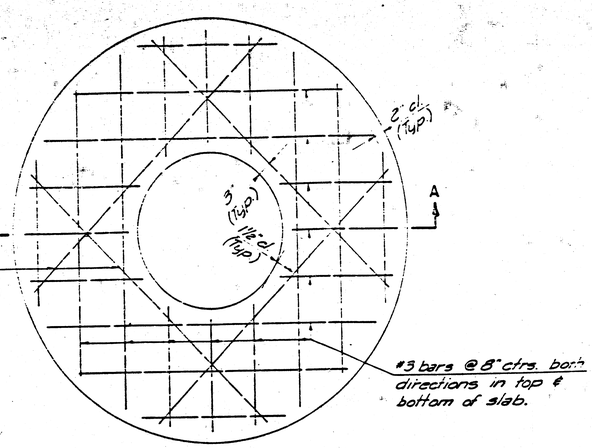
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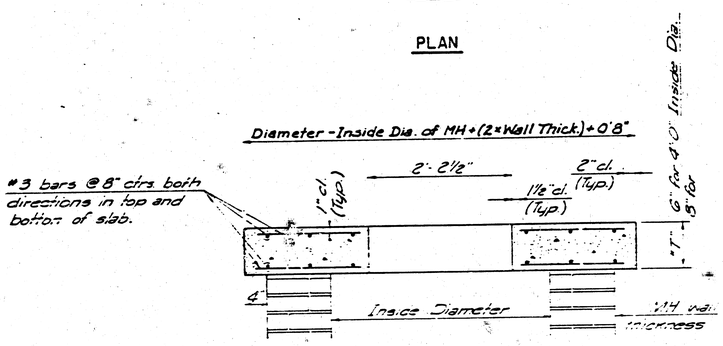
SHALLOW TYPE "A" MANHOLE



SHALLOW TYPE "B" MANHOLE

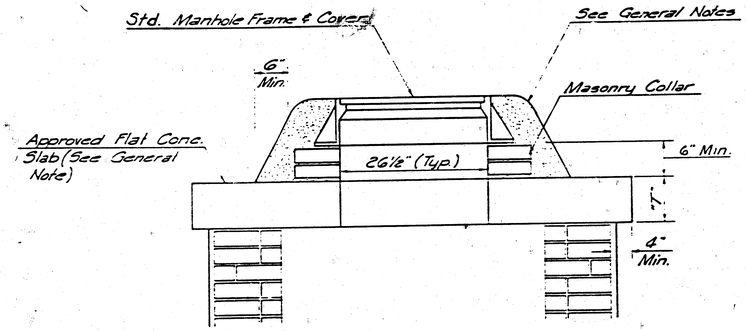


PLAN

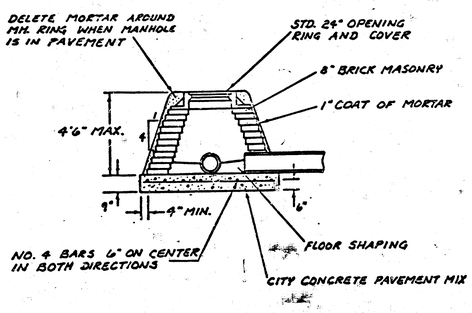


SECTION A-A

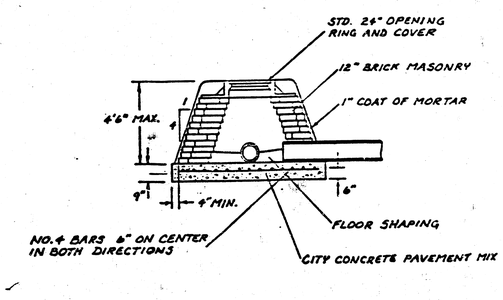
FLAT CONCRETE SLAB DETAILS



MASONRY COLLAR DETAIL



SPECIAL SHALLOW TYPE 'A' MANHOLE



SPECIAL SHALLOW TYPE 'B' MANHOLE

GENERAL NOTES

1. MORTAR USED IN MASONRY CONSTRUCTION SHALL CONTAIN 8 SACKS OF CEMENT PER CUBIC YARD. CONCRETE USED IN MANHOLE BASES SHALL CONFORM TO THE REQUIREMENTS OF CONCRETE FOR CONCRETE PAVEMENT CONSTRUCTION AS SPECIFIED IN THE CITY STANDARD PAVING SPECIFICATIONS USING CITY CONCRETE CEMENT MIX WITHOUT AIR ENTRAINING ADMIXTURE. MORTAR SHALL BE PLACED AROUND THE MANHOLE RING AS SHOWN ON THE DRAWINGS WHEN MANHOLES ARE CONSTRUCTED IN UNPAVED AREAS. TYPE "A" SHALLOW MANHOLES CAN BE USED ON SEWERS 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'. COMPLETED MANHOLE SHALL BE WITHOUT LEAKS AND WATER TIGHT.

2. 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 6" 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.

3. 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. 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.

4. 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.

5. 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 DRAWINGS.

6. THE CROWNS OF INFLOWING PIPES SHALL NEVER BE SET LOWER THAN THE CROWN OF THE OUTFLOWING PIPE.

7. STANDARD SHALLOW MANHOLES TYPE "A" AND "B" SHALL BE PAID FOR AT THE UNIT PRICE BID PER EACH FOR THE TYPE AND DIAMETER INDICATED. STANDARD SPECIAL SHALLOW MANHOLES TYPE "A" AND "B" SHALL BE PAID FOR AT THE UNIT PRICE BID PER EACH FOR THE TYPE INDICATED. ALL STANDARD SHALLOW MANHOLE DIAMETERS WILL BE 4' UNLESS INDICATED OTHERWISE.

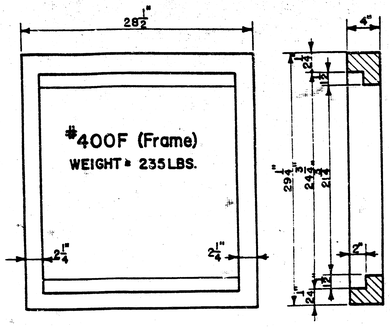
CITY OF WICHITA, KANSAS
STANDARD SHALLOW MANHOLES
TYPE 'A' AND TYPE 'B' 4/7

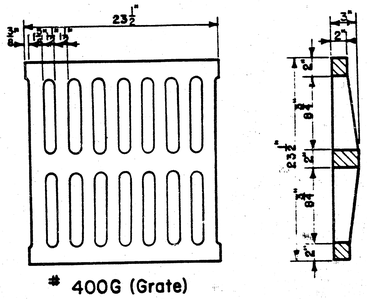
4/7

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Drawn by | Date | Job No.

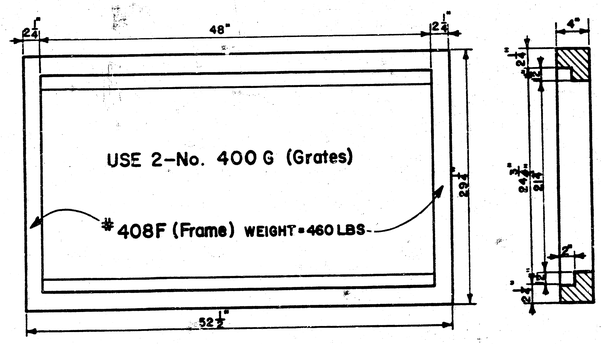
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NOTE: Grates shall be imprinted on the top surface with "CITY OF WICHITA" using letters at least 1" in height. Other marking methods may be used only if approved by the engineur.

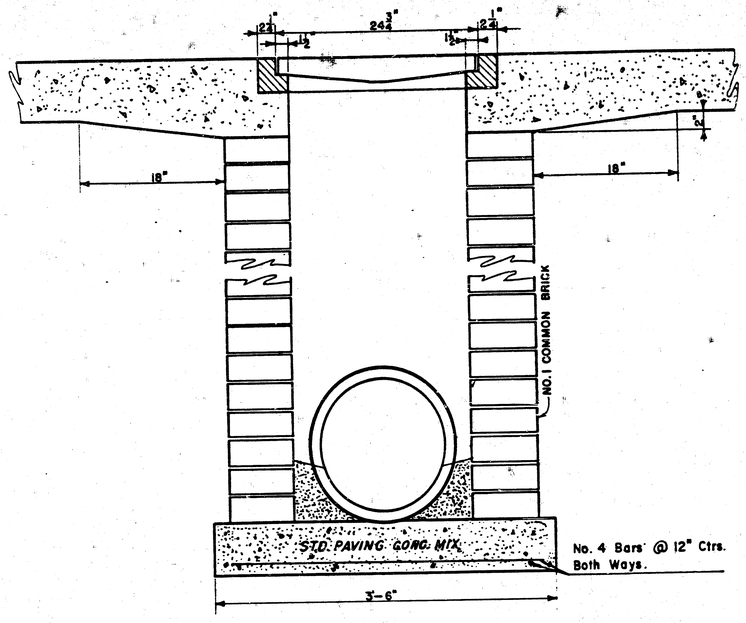


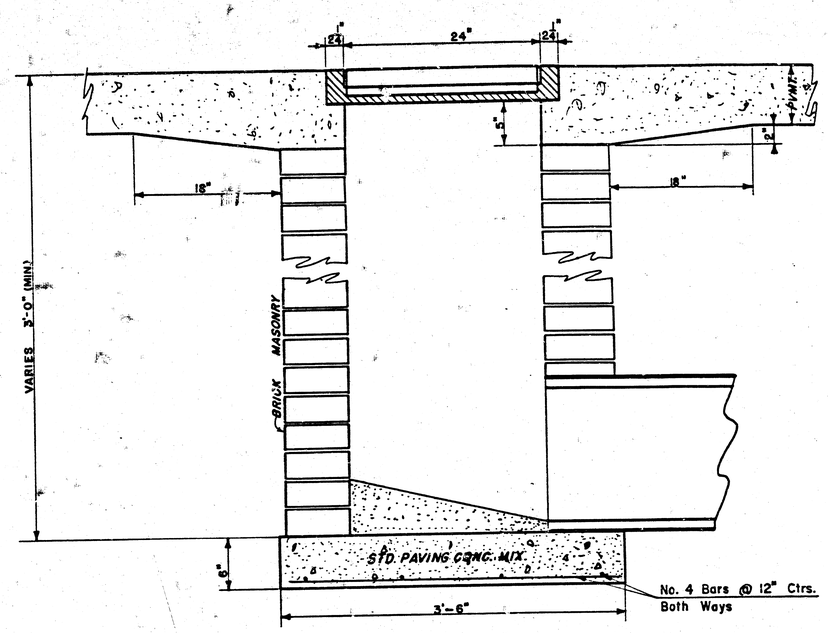


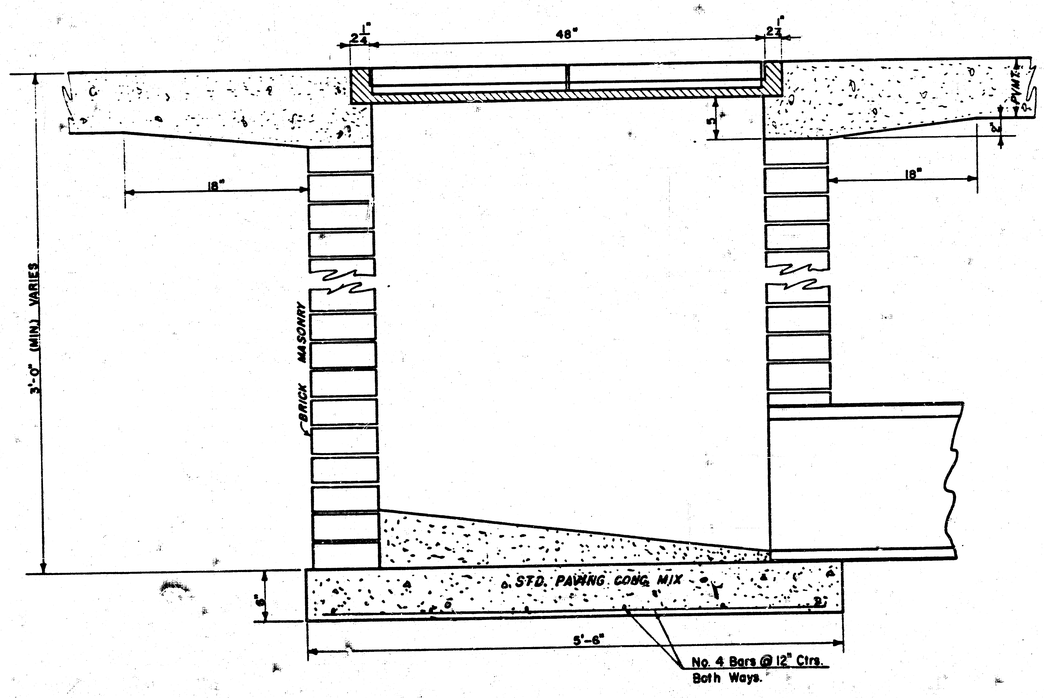
24"x24" Frame & Grate Detail



Double 24"x24" Frame Detail





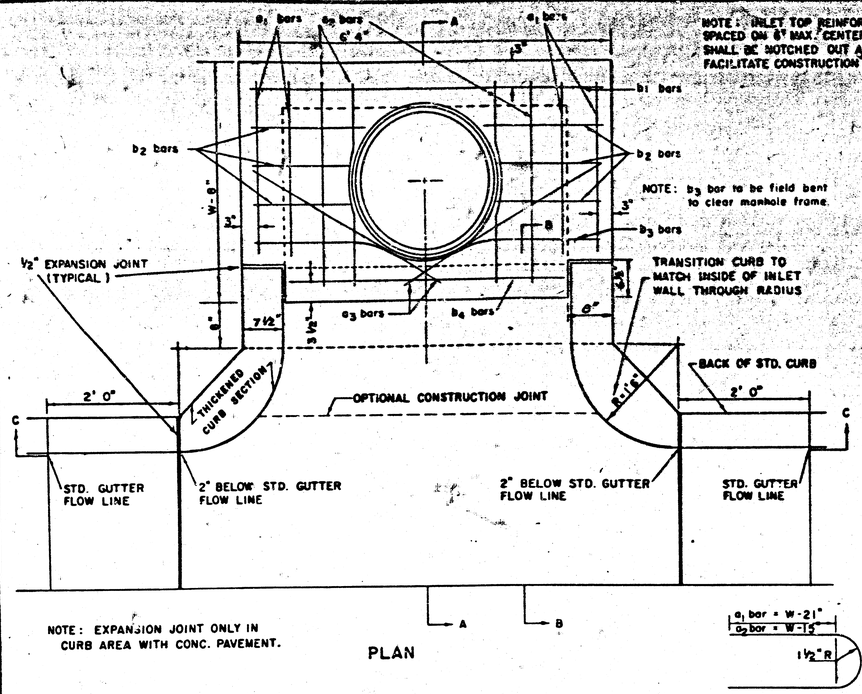


DROP INLET DETAILS

M.E. Lindebak, City Engineer
City of Wichita, Kansas
Project
Project No.
Date: 5/7
Scale: 1-1/2" = 1'-0"

5 7

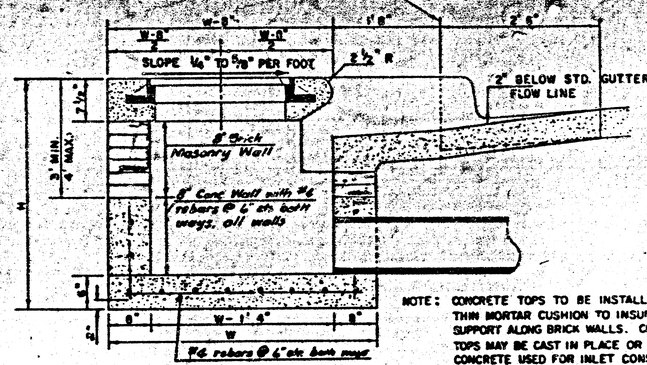
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NOTE: EXPANSION JOINT ONLY IN CURB AREA WITH CONC. PAVEMENT.

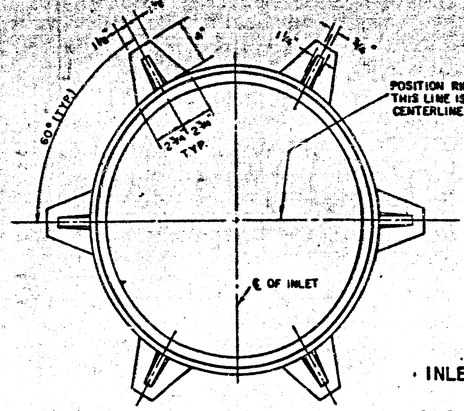
PLAN

NOTE: INLET TOP REINFORCING SHALL BE SPACED ON 6" MAX. CENTERS. INLET LIDS SHALL BE NOTCHED OUT AS INDICATED TO FACILITATE CONSTRUCTION OF CURB.



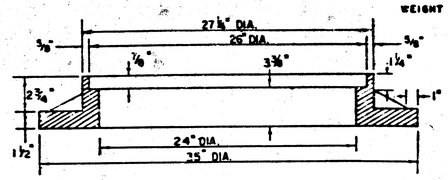
SECTION A-A

NOTE: CONCRETE TOPS TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BRICK WALLS. CONCRETE TOPS MAY BE CAST IN PLACE OR PRECAST. CONCRETE USED FOR INLET CONSTRUCTION SHALL BE CONCRETE PAVEMENT MIX.



INLET FRAME

WEIGHT = 180 LBS.



SEE CITY OF WICHITA STANDARD MANHOLE FRAME AND COVER DETAIL SHEET FOR COVER DETAILS TO BE USED WITH INLET FRAME.

STEEL SCHEDULE

BAR		a_1	a_2	a_3*	b_1 W=4'4"	b_1 W=5'4"	b_1 W=6'4"	b_1 W=7'4"	b_1 W=8'4"	b_2	b_3	b_4	WT. LBS.
NUMBER		4	4	2	1	3	5	7	9	6	1	1	
SIZE		#4	#4	#4	#4	#4	#4	#4	#4	#4	#4	#6	
LENGTH	W=4'4"	5'7"	6'7"	4'0"	6'1"	–	–	–	–	1'9"	6'2"	4'8"	60±
	W=5'4"	7'7"	8'7"	5'0"	–	6'1"	–	–	–	1'9"	6'2"	4'8"	81±
	W=6'4"	9'7"	10'7"	6'0"	–	–	6'1"	–	–	1'9"	6'2"	4'8"	101±
	W=7'4"	11'7"	12'7"	7'0"	–	–	–	6'1"	–	1'9"	6'2"	4'8"	121±
	W=8'4"	13'7"	14'7"	8'0"	–	–	–	–	6'1"	1'9"	6'2"	4'8"	141±

* NOTE: a_3 BARS TO BE PLACED APPROX. 2" BELOW TOP OF INLET COVER

BENDING DIAGRAM

a_1 bar = W-21"
a_2 bar = W-15"
1½" R

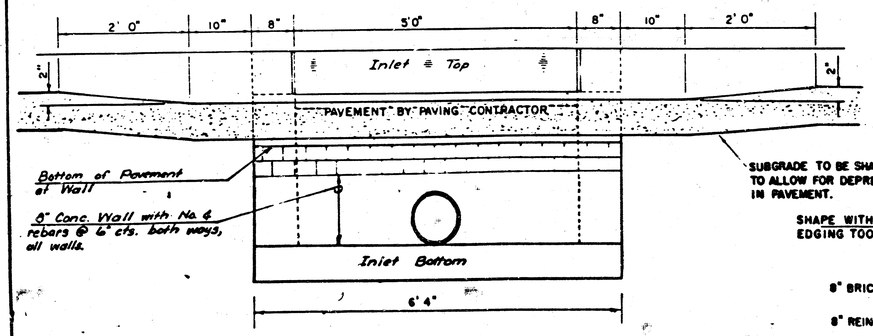
STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4' 4"	3'8" x 6'4" x 7 1/2"	21" & SMALLER	0.38 ±
5' 4"	4'8" x 6'4" x 7 1/2"	24" & 30"	0.51 ±
6' 4"	5'8" x 6'4" x 7 1/2"	36" & 42"	0.64 ±
7' 4"	6'8" x 6'4" x 7 1/2"	48" & 54"	0.77 ±
8' 4"	7'8" x 6'4" x 7 1/2"	60" & 66"	0.90 ±

NOTE: CONTRACTOR SHALL HAVE THE OPTION OF CONSTRUCTING 8" BRICK MASONRY WALLS BETWEEN THE CONCRETE INLET BASE AND TOP ON THIS INLET WHEN W = 6'4" AND H = 7'0" OR LESS.

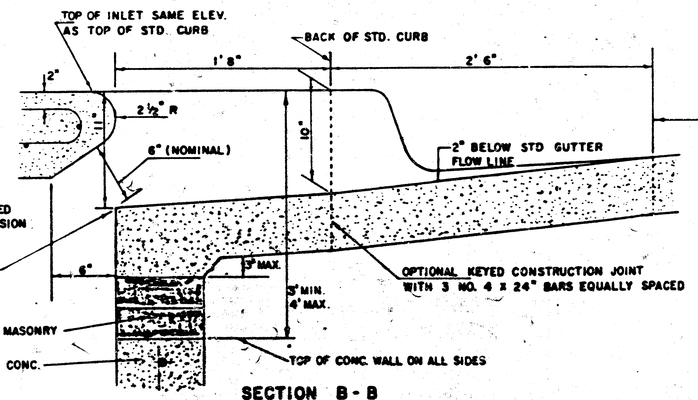
ADDITIONAL CURB AND GUTTER CONSTRUCTION NECESSARY TO CONNECT SET-BACK INLET TO PAVEMENT WILL BE PAID FOR AT THE UNIT PRICE BID FOR EACH INLET HOOKUP.

INLET INVERT SHALL BE SHAPED WITH 8 SACK SAND MIX CONCRETE TO CREATE FLOW CHANNELS AND TO INCREASE HYDRAULIC EFFICIENCY SUCH THAT THE INLET WILL BE SELF CLEANING BETWEEN ALL INLET AND/OR OUTLET PIPES.

THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE INLET WALL.



SECTION C-C



SECTION B-B

REVISED 12-21-1984

DETAIL STANDARD TYPE IA CURB INLET

CITY OF WICHITA, KANSAS

INLET OPENING = 6" x 5'0"

JUNE 1984

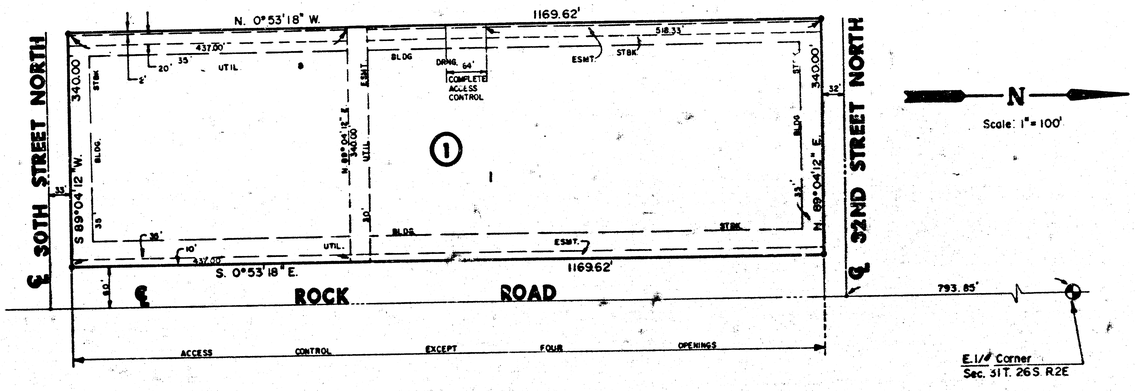
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FINAL PLAT OF

KILLARNEY FIRST ADDITION

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS



I, Kenneth H. Bengtson, a Civil Engineer in Kansas, do hereby certify that I have been in responsible charge of surveying and platting of "KILLARNEY FIRST ADDITION" an addition to Wichita, Sedgwick County, Kansas, into a Lot, a Block, and Streets, the same being accurately set forth in the accompanying plat and described herein:

A tract of land lying in the Southeast Quarter of Section 31, Township 26 South, Range 2 East of the 6th P.M., more particularly described as follows:

A replat of Lot 1, Block 3, Cottonwood Square, an Addition to Wichita, Sedgwick County Kansas, EXCEPT therefrom a tract described as beginning at a point on the South line of 32nd Street North, said point being 825.85 feet South bearing S 00° 53' 18" E and 50.00 feet West bearing S 89° 04' 12" W, from the Northeast corner of the Southeast Quarter of Section 31, Township 26 South, Range 2 East; thence Southerly parallel to the East line of said section bearing S 00° 53' 18" E, 1169.62 feet to a point on the North line of 30th Street North; thence Westerly along said North line bearing S 89° 04' 12" W, 10.00 feet; thence N 00° 53' 18" W, 1169.62 feet; thence N 89° 04' 12" E, 10.00 feet to the point of beginning.

Access control to Rock Road within the above described property is vacated and replatted by virtue of K.S.A. 12-512(b).

I hereby certify that the details of this plat are correct to the best of my knowledge and belief this 26 day of November, 1986.

Kenneth H. Bengtson, P.E.
Mid-Kansas Engineering Consultants, P.A.
3500 N. Rock Road, Building #800

KENNETH H. BENGTSON LICENSED 7238 KANSAS PROFESSIONAL ENGINEER

Know all men by these presents that we the undersigned property owners of the land as above set forth in the Civil Engineers Certificate, have caused the same to be surveyed and platted into a street, a lot and block, the same to be known as "KILLARNEY FIRST ADDITION" an addition to Wichita, Sedgwick County, Kansas. The street is hereby dedicated to and for the use of the public. Easements for the construction and maintenance of drainage and public utilities as indicated on the accompanying plat are hereby granted. All abutters rights of access to or from the West line of Rock Road and the East line of Lot 1, Block 1, "KILLARNEY FIRST ADDITION," and the East line of 31st Street North Circle from Lot 1, Block 1, "KILLARNEY FIRST ADDITION" are hereby granted to the City of Wichita, provided however, Lot 1, Block 1, shall have access to Rock Road at 4 locations as shall be determined by the City Engineer.

KILLARNEY INVESTMENTS, INC.

By: Virginia A. Ablah, Pres.
Virginia A. Ablah, President

STATE OF KANSAS
ss:
SEDGWICK COUNTY

Be it remembered that on this 26th day of November, 1986, before me a Notary Public in and for said State and County, came Killarney Investments Inc., by Virginia A. Ablah, President, to me personally known to be the same person who executed the foregoing instrument of writing and duly acknowledged the execution of the same. In testimony whereof I have hereunto set my hand and affixed my notarial seal the day and year above written.

Kathleen R. Deutsadeur, Notary Public
KATHLEEN R. DEUTSADEUR

My Appointment Expires: April 18, 1987

K. R. Deutsadeur NOTARY PUBLIC 4-18-87

This plat of "KILLARNEY FIRST ADDITION" has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.

Dated this 13th day of November, 1986.

WICHITA-SEDGWICK COUNTY METROPOLITAN AREA PLANNING COMMISSION

John Terry Moore, Chairman

Michael E. Etrobak, Secretary

This plat approved and all dedications shown hereon, if any, accepted by the City Commission of the City of Wichita, Kansas, this 9th day of December, 1986.

Tony Casado, Mayor

City Clerk

Entered on transfer record this ___ day of _____, 1986.

Don Wright, County Clerk

STATE OF KANSAS)
) SS:
SEDGWICK COUNTY)

This is to certify that this instrument was filed for record in the Register of Deeds office this ___ day of _____, 1986.

Register of Deeds
Fae Kettler

Deputy
Ed Resa

87-1 13 JAN 9 AM 7/7

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