PLANS FOR

SANITARY SEWER TO SERVE

WOODLAWN COURT ADDITION

CITY OF BEL AIRE
SEDGWICK COUNTY, KANSAS

PRIVATE PROJECT NO. 284 PPS (607861)

GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR WILL 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 IN ACCORDANCE WITH STATE LAWS.

2. 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.

3. CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF FORTY-EIGHT (48) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:

KANSAS ONE-CALL	1-800-344-7233 OR 687-2470 (LOCAL WICHITA)
FARMLAND INDUSTRIES	918-333-4111

THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:

SOUTHWESTERN BELL TELEPHONE COMPANY	1-571-2115
CABLEVISION	262-4270 OR 263-2061
KPL GAS SERVICE COMPANY	263-7511
KANSAS GAS & ELECTRIC	264-1141
CITY OF WICHITA SEWER DEPARTMENT	268-4908
CITY OF BEL AIRE	744-2451
SEDGWICK COUNTY BUREAU OF PUBLIC SERVICES	383-7901

4. RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS THAT, IN THE OPINION OF THE ENGINEER, WILL LEAVE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED.

5. COST OF EXCAVATION, HAULING, AND DUMPING OF EXCESS EXCAVATION SHALL BE SUBSIDIARY TO THE PROJECT.

6. A PORTION OF EXCESS EXCAVATED MATERIAL SHALL BE MOUNDED AROUND MANHOLES WHICH EXTEND MORE THAN ONE (1) FOOT ABOVE THE EXISTING GROUND. SUCH MOUNDS SHALL BE CONSTRUCTED WITH A SIX (6) FOOT DIAMETER FLAT TOP WITH 4 TO 1 SIDE SLOPES DOWN TO THE ORIGINAL GROUND. THE ELEVATION OF THE FLAT TOP OF THE MOUND SHALL BE 0.4 FOOT BELOW THE TOP OF THE MANHOLE.

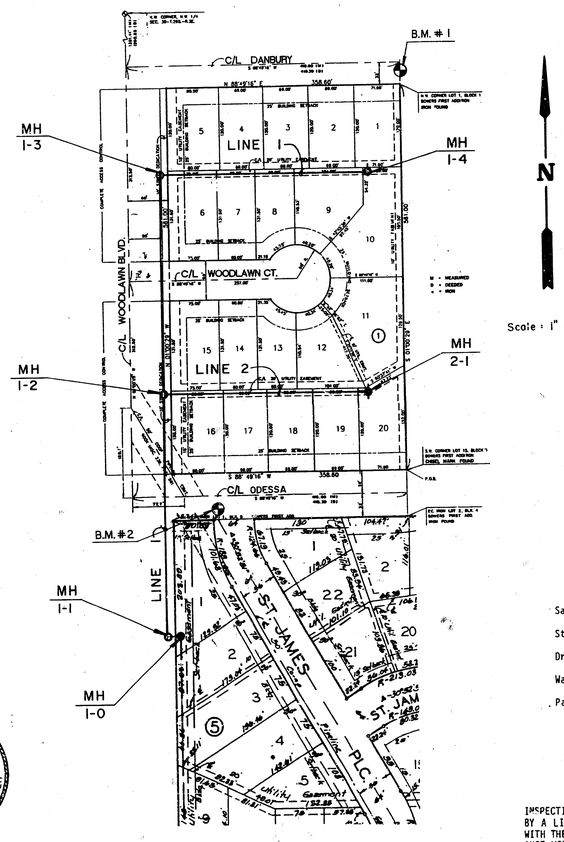
7. ALL STUBS AND PLUGGED PIPES SHALL BE LOCATED WITH GREEN PLASTIC TAPE IN THE SAME MANNER AS RISERS.

8. PRIOR TO LAYING SEWER LINES USING EXISTING STUBS IN EXISTING MANHOLES, THE CONTRACTOR SHALL EXPOSE AND VERIFY THE ELEVATION, GRADE AND ALIGNMENT OF EXISTING STUBS AND NOTIFY THE ENGINEER OF ANY DEVIATION FROM THE PLAN. WHERE CONNECTING TO AN EXISTING MANHOLE THAT DOES NOT HAVE AN EXISTING STUB OR THE STUB IS UNUSABLE DUE TO ELEVATION GRADE OR ALIGNMENT, THE CONTRACTOR SHALL RESHAPE THE EXISTING MANHOLE INVERT TO PROVIDE SMOOTH FLOW. THE COST OF RESHAPING EXISTING MANHOLE INVERTS IS INCIDENTAL TO THE PROJECT.

BENCH MARKS

BM #1 - "□" Cut on TC at NE corner of Woodlawn Ct. Addition
Elev. = 1391.37

BM #2 - "□" Cut on TC in middle of SW Return of Odessa & St. James
Elev. = 1384.91



Scale : 1" = 100'

Booked 3-31-92 JKB

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA

Sanitary Sewers VRH 4/9/91

Storm Sewers _____

Driveway Approaches _____

Water Mains _____

Paving _____

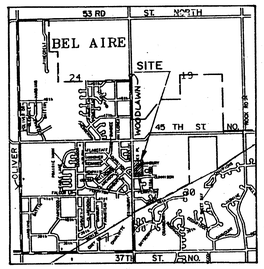
NOTE TO CONTRACTOR

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.

GREGORY J. ALLISON LICENSED 11159 KANSAS PROFESSIONAL ENGINEER

INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	LINE 1, PLAN & PROFILE
3	LINE 2, PLAN & PROFILE
4	TYPE "P" MANHOLE SHEET
5	MANHOLE ADJUSTMENT DETAILS
6	PLAT 1, WOODLAWN CT. ADDN.
7	PLAT 2, BOWERS FIRST ADDN.



No Scale

LOCATION MAP

AS-BUILT DATE 9-13-91

WOODLAWN COURT ADDITION

SANITARY SEWER PLANS

Design GJA
Drawn by KSM
Checked by DSS
Date APRIL, 1991
Job no.

MID-KANSAS ENGINEERING CONSULTANTS PA
3500 NORTH ROCK ROAD
BUILDING #800
WICHITA, KANSAS 67226
636-5566

Sheet 1 of 7

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WOODLAWN COURT ADDITION
SANITARY SEWER PLANS
PROJ. NO.

Remove & Replace A.C. Pavement Cost shall be Subsidiary to Site Preparation & Restoration

CAUTION: UNDERGROUND PIPE LINE

WOODLAWN BLVD.

Remove & Replace Board Fence Cost shall be Subsidiary to Site Preparation & Restoration

Exist. Water

2-30" CMP

Top Ditch

Ditch

Pipeline Mark

Sign

EXIST 8" SAN. SWR.

CATV

T.R. T.R. T.R.

Elec. Box

Util.

Fence

Esmt.

Pipeline Mrk.

MH 1-0

MH 1-1

MH 1-2

MH 1-3

MH 1-4

LINE 1

LINE 2

90°00'00"

90°10'15" AB

89°49'45" AB

15'

5'

50'

60'

58'

32'

20'

50' R.

35' R.

6" Mtr.

Prop.

Esmt.

Util.

10' Util. Esmt.

50' COOP Pipeline Esmt. Book Misc. 239, Page 581

BOWERS ADDITION

FIRST ADDITION

ODESSA

WOODLAWN CT.

WOODLAWN COURT

DANBURY

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

PLAN - LINE 1

PROFILE - LINE 1

N

Scale: 1" = 40' Horiz.
1" = 5' Vert.

Sta. 0+00, Line 1
Exist. MH Top = 1380.2
Adjust MH Top = 1385.76 AB
MH 1-0

Sta. 0+22, Line 1
Const. Std Type "P" Manhole
M.H. Top = 1380.19 AB
MH 1-1

Sta. 3+72.4 Line 1
Const. Std Type "P" Manhole
M.H. Top = 1381.86 AB
MH 1-2

Sta. 6+93.4 Line 1
Const. Std Type "P" Manhole
M.H. Top = 1393.84 AB
MH 1-3

Sta. 10+09.4 Line 1
Const. Std Type "P" Manhole
M.H. Top = 1391.60 AB
Install 4'-Stub, N & S
MH 1-4

@ Exist. Water
@ Odessa Street
@ Exist. Farmland Industries Pipeline
@ Prop. 6" Water Line

Exist. Edge of Mat (Woodlawn)
Prop. Top of Curb (Woodlawn Court)
Exist. Ground
Exist. Top of Curb (Danbury)

1370.86 AB
1371.28 AB
Exist. 8" Pipe
Ft. Out (S) = 1370.6
Ft. In (W) = 1371.04
Ft. Out (E) = 1371.49
Ft. In (N) = 1371.79 AB

22.0 L.F. 8" Pipe @ 0.4%
23.5 AB

347.96 AB
350.4 L.F. 8" Pipe @ 0.4%

1372.33 AB
Ft. Out (S) = 1372.63
Ft. In (N) = 1372.63
Ft. In (E) = 1372.63

1372.44 AB

321.03 AB
321.0 L.F. 8" Pipe @ 0.4%

1373.84 AB
Ft. In (E) = 1373.99 AB
Ft. In (W) = 1373.99 AB
(8" Stub)

318.17 AB
318.0 L.F. 8" Pipe @ 1.0%

1377.27 AB
Ft. Out (W) = 1377.23
Ft. In (N) = 1377.54 4"Stub
Ft. In (S) = 1377.54 4"Stub

1377.45 - 4" Stub AB
1377.40 - 4" Stub - AB

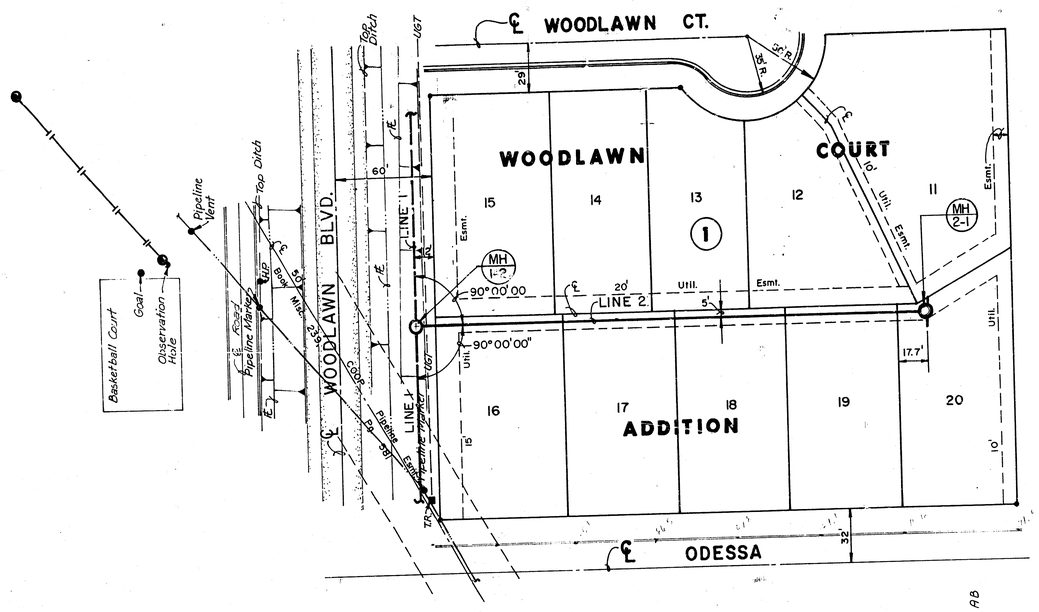
1370 1375 1380 1385 1390 1395

1371.50 1372.30 1373.20 1374.10 1375.10 1376.10 1377.10

2/7
M.K.E.C.

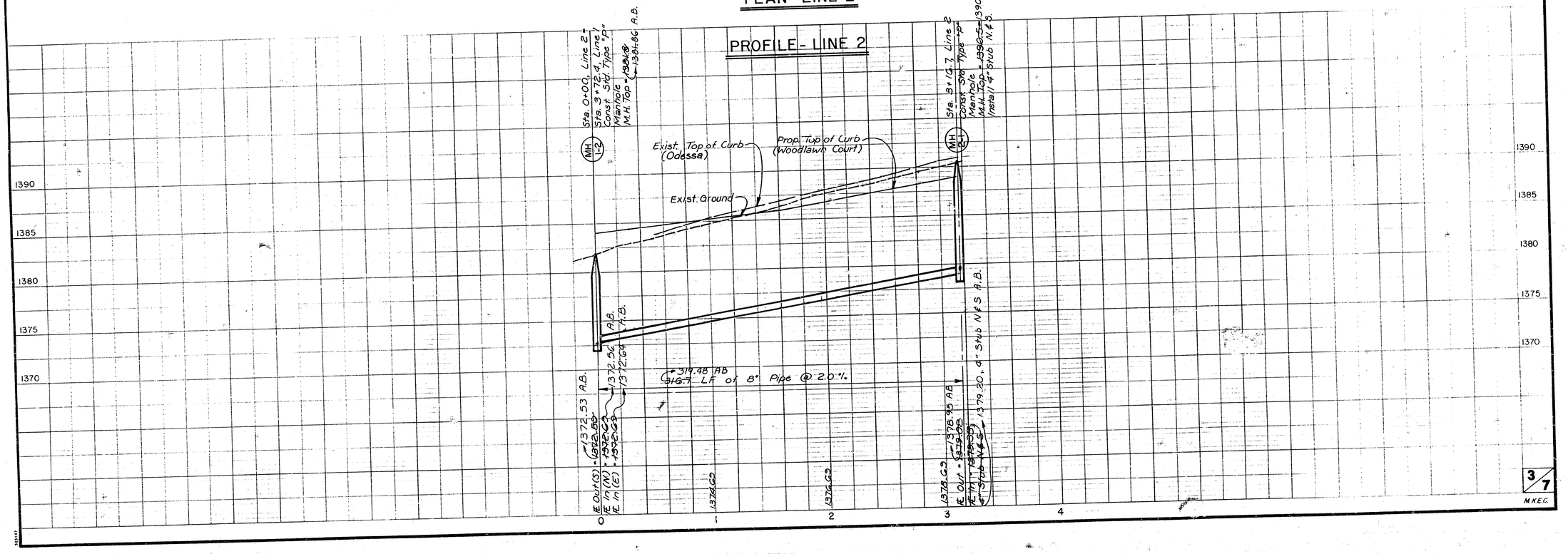
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WOODLAWN COURT ADDITION
SANITARY SEWER PLANS
PROJ. NO.



PLAN - LINE 2

PROFILE - LINE 2



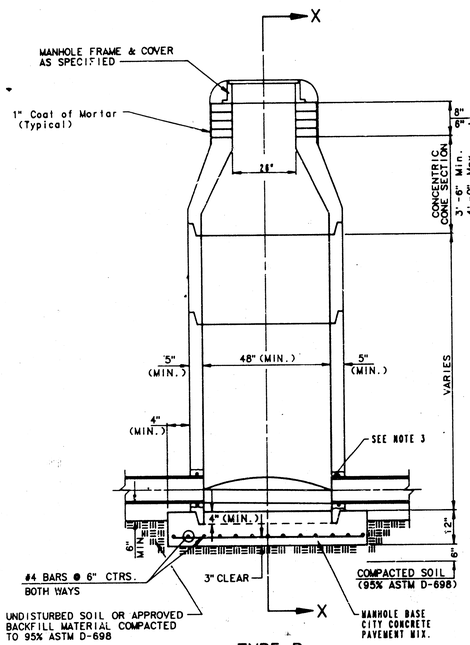
Scale : 1" = 40' Horiz.
1" = 5' Vert.

3/7

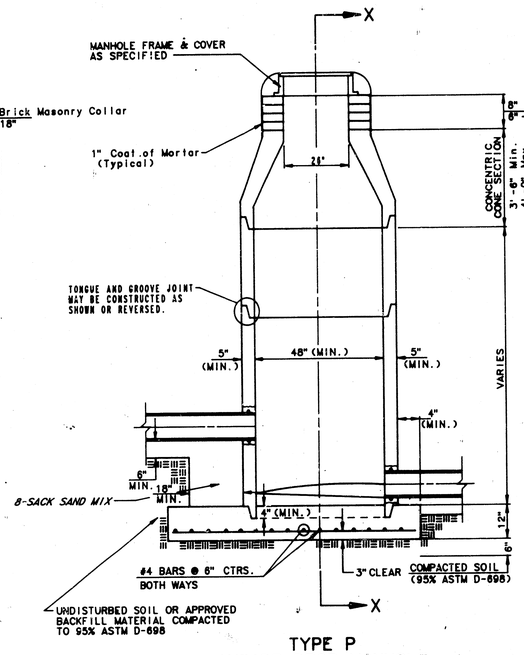
M.K.E.C.

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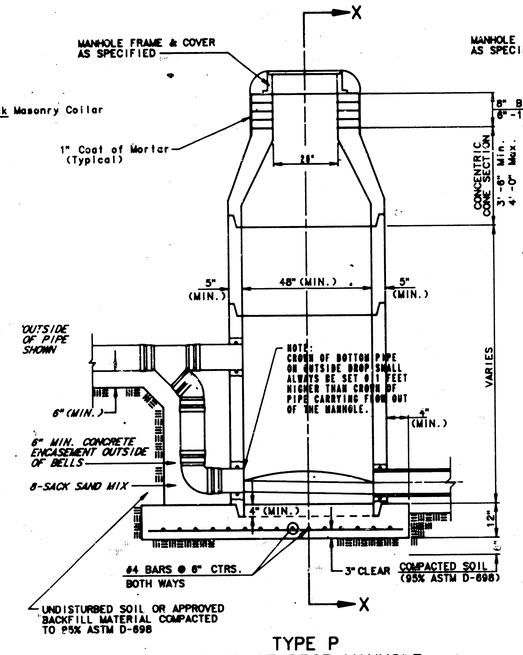
SEWER APPURTENANCES DETAILS
ADOPTED AS STANDARD DESIGN
BY
CITY OF WICHITA



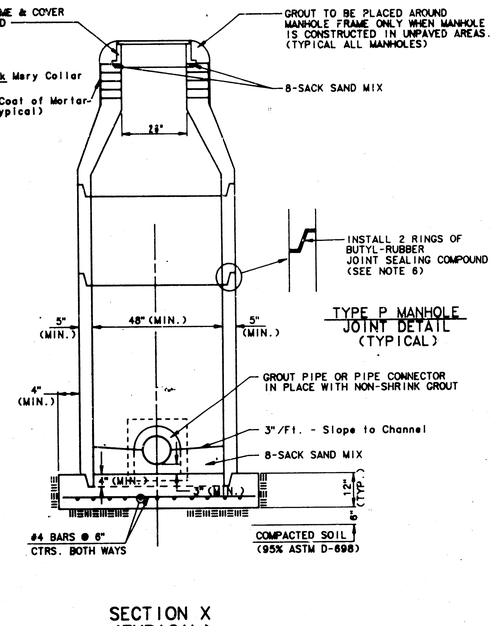
TYPE P
STANDARD MANHOLE



TYPE P
INSIDE DROP MANHOLE



TYPE P
OUTSIDE DROP MANHOLE



TYPE P MANHOLE
JOINT DETAIL
(TYPICAL)

SECTION X
(TYPICAL)

GENERAL NOTES

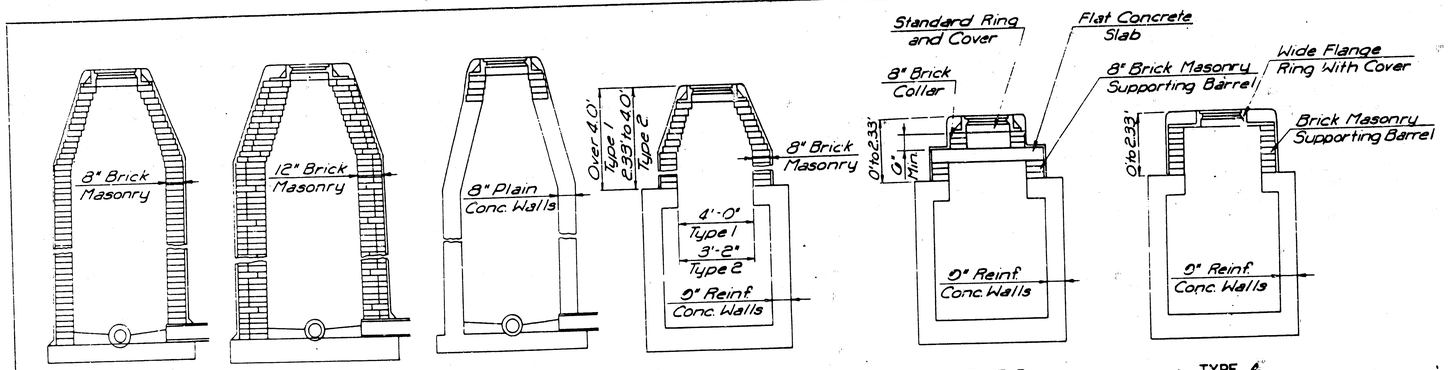
PRECAST MANHOLE NOTES

1. ALL PRECAST CONCRETE MANHOLE SECTIONS SHALL CONFORM TO THE LATEST REVISION OF A.S.T.M. C478 AS MODIFIED BY THE SPECIFICATIONS.
2. NON-SHRINK GROUT SHALL BE NON-METALLIC TYPE.
3. APPROVED FLEXIBLE WATERSTOP GASKETS SHALL BE INSTALLED TO JOIN THE SEWER TO THE MANHOLE WALL WHER A.B.S. COMPOSITE PIPE OR P.V.C. PIPE IS USED. FOR OTHER TYPES OF PIPE THE SEWER SHALL BE GROUTED IN PLACE WITH NON-SHRINK GROUT. THE SEWER PIPE SHALL BE SUPPORTED WITH CONCRETE ENCASEMENT A MINIMUM OF 3 FEET FROM THE MANHOLE WALL AND TO THE FIRST JOINT FOR V.C.P. SUCH THAT THE JOINT REMAINS FLEXIBLE.
4. ALL INSIDE SURFACES OF THE CONCRETE MANHOLE WHICH WOULD BE EXPOSED TO SEWER GAS SHALL BE COATED WITH 2 COATS TREMEC SERIES 66 HI-BUILD EPOXOLINE, DRY THICKNESS OF 8 MILS (MIN.)
5. EXTERIOR MANHOLE WALLS SHALL BE COATED WITH 1 COAT MOBILARMA 633 BITUMINUS COATING.
6. JOINT SEALING COMPOUND SHALL BE KENT SEAL NO. 2 OR APPROVED EQUAL.
7. PRECAST MANHOLES SHALL BE SET AT LEAST 4 INCHES INTO THE MANHOLE BASE.
8. TOP OF MANHOLE FLOOR SLAB SHALL BE AT LEAST 3 INCHES BELOW THE FLOW LINE OF THE OUTLET PIPE TO INSURE SUFFICIENT MINIMUM THICKNESS OF SHAPED INVERT.
9. LIFTING HOLES SHALL BE FILLED WITH NON-SHRINK GROUT AND THE INTERIOR SURFACE COATED AS SPECIFIED.
10. MORTAR USED IN MASONRY CONSTRUCTION SHALL CONTAIN 6 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 PAVEMENT 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. 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.
11. 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 AT LEAST 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.
12. OPENINGS SHALL BE CUT INTO THE MANHOLE WALL WHEN OUTSIDE DROPS ARE CONSTRUCTED OR EXISTING MANHOLES. SUCH OPENINGS CUT INTO EXISTING MANHOLES SHALL BE AS SMALL AS PRACTICAL TO FACILITATE INSTALLING AND GROUTING THE NEW PIPE IN PLACE. WATERSTOP GASKETS SHALL BE USED WITH P.V.C. AND A.B.S. COMPOSITE PIPE. THE NEW PIPE SHALL BE GROUTED INTO THE OPENING USING AN APPROVED NONSHRINK 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. THIS WORK, INCLUDING MODIFICATION OF MANHOLE FLOOR, SHALL BE PAID FOR AT THE UNIT PRICE BID FOR OUTSIDE DROP STACK CONSTRUCTED OR EXISTING MANHOLE.
13. 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 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.
14. 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.
15. 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.
16. 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.
17. STANDARD MANHOLES AND STANDARD INSIDE DROP MANHOLES SHALL BE BID AS STANDARD MANHOLES FOR THE TYPE AND DIAMETER INDICATED. OUTSIDE DROP MANHOLES SHALL BE BID AS STANDARD OUTSIDE DROP MANHOLES FOR THE TYPE AND DIAMETER INDICATED. ALL MANHOLE DIAMETERS WILL BE 4' UNLESS INDICATED OTHERWISE.
18. A BRICK MASONRY COLLAR SHALL BE INSTALLED BETWEEN THE CAST IRON FRAME AND THE CONCENTRIC CONE. THE COLLAR WILL HAVE 8" WALLS AND A VERTICAL HEIGHT OF 6" MINIMUM AND 18" MAXIMUM. A 1" COAT OF MORTAR WILL BE PLASTERED ON THE OUTSIDE OF THE COLLAR.

4/7

Revised: June 12, 1996

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TYPE A
Single Wall Brick Masonry

TYPE B
Double Wall Brick Masonry

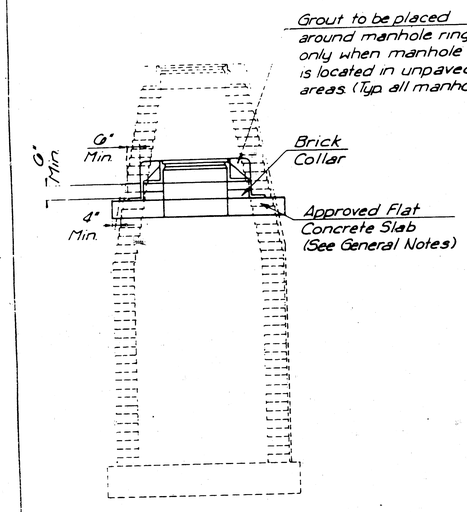
TYPE C & D
Cast in Place
(Type D is plastic lined & has brick draw)

TYPE 1 & 2
Reinforced Concrete

TYPE 3
Reinforced Concrete

TYPE 4
Reinforced Concrete
(Wide Flange Ring)

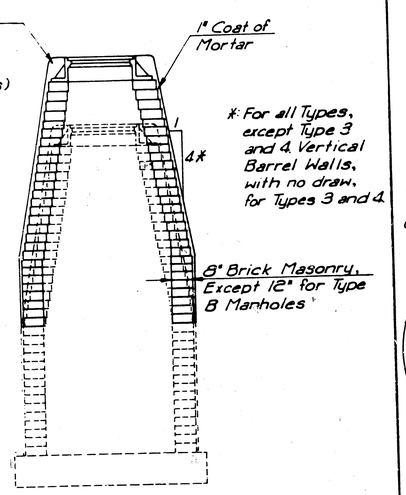
DEFINITION SKETCHES - CITY OF WICHITA STANDARD MANHOLES



DOWNWARD ADJUSTMENT
(GREATER THAN 12")
All Types

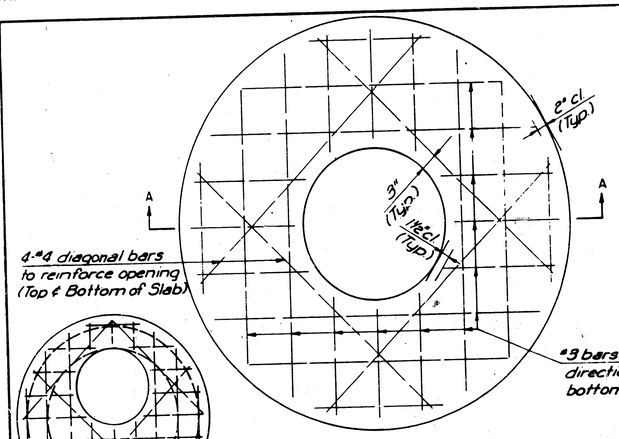
THE APPROPRIATE PORTIONS OF THE DRAW AND BARREL OF TYPE A, B, C, D, 1 AND 2 MANHOLES SHALL BE REMOVED. A FLAT CONCRETE SLAB SHALL BE PLACED AND THE RING AND COVER RESET. ALL WORK AND MATERIALS SHALL CONFORM TO THE DETAILS SHOWN AND THE GENERAL NOTES.

COURSES OF BRICK BARREL SUPPORTING THE WIDE FLANGE RING FOR TYPE 4 MANHOLES AND FLAT CONCRETE SLAB FOR TYPE 3 MANHOLES SHALL BE REMOVED AS NECESSARY PRIOR TO RESETTING THE WIDE FLANGE RING OR FLAT CONCRETE SLAB AND RING. ALL WORK AND MATERIALS SHALL CONFORM TO THE DETAILS SHOWN AND THE GENERAL NOTES.



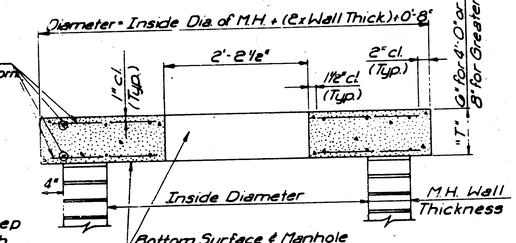
UPWARD ADJUSTMENT
(GREATER THAN 12")
All Types

THE ENTIRE DRAW OF TYPES A, B, C, D, 1 AND 2 MANHOLES SHALL BE REMOVED, THE MANHOLE BARREL RAISED THE APPROPRIATE AMOUNT, A NEW DRAW CONSTRUCTED, AND THE RING AND COVER RESET. THE UPPER PORTION OF TYPE 3 MANHOLES SHALL BE REMOVED TO THE BOTTOM OF THE FLAT CONCRETE SLAB, THE BRICK MASONRY BARREL SUPPORTING THE SLAB SHALL BE RAISED THE APPROPRIATE AMOUNT, AND THE SLAB AND RING AND COVER RESET. THE WIDE FLANGE RING AND COVER OF TYPE 4 MANHOLES SHALL BE REMOVED, THE BRICK MASONRY BARREL SUPPORTING THE RING SHALL BE RAISED THE APPROPRIATE AMOUNT AND THE RING AND COVER RESET. ALL WORK REQUIRED FOR A GREATER THAN TWELVE INCH (12") UPWARD ADJUSTMENT OF ANY MANHOLE SHALL BE ACCOMPLISHED WITH BRICK MASONRY IN ACCORDANCE WITH THE DETAILS SHOWN AND THE GENERAL NOTES.



PLAN

* PLAN
ALTERNATE OPENING LOCATION



SECTION A-A

*: To be used only if necessary to keep ring and cover from conflicting with curb or combined curb and gutter. Flat concrete slab shall be rotated on existing manhole to position ring and cover in pavement or behind curb.

FLAT CONCRETE SLAB DETAILS

MANHOLE ADJUSTMENT DETAILS

CITY OF WICHITA, KANSAS
M. E. LINDEBAK – CITY ENGINEER

Designed by		Checked by		5
Drawn by		Date	JOB No.	7

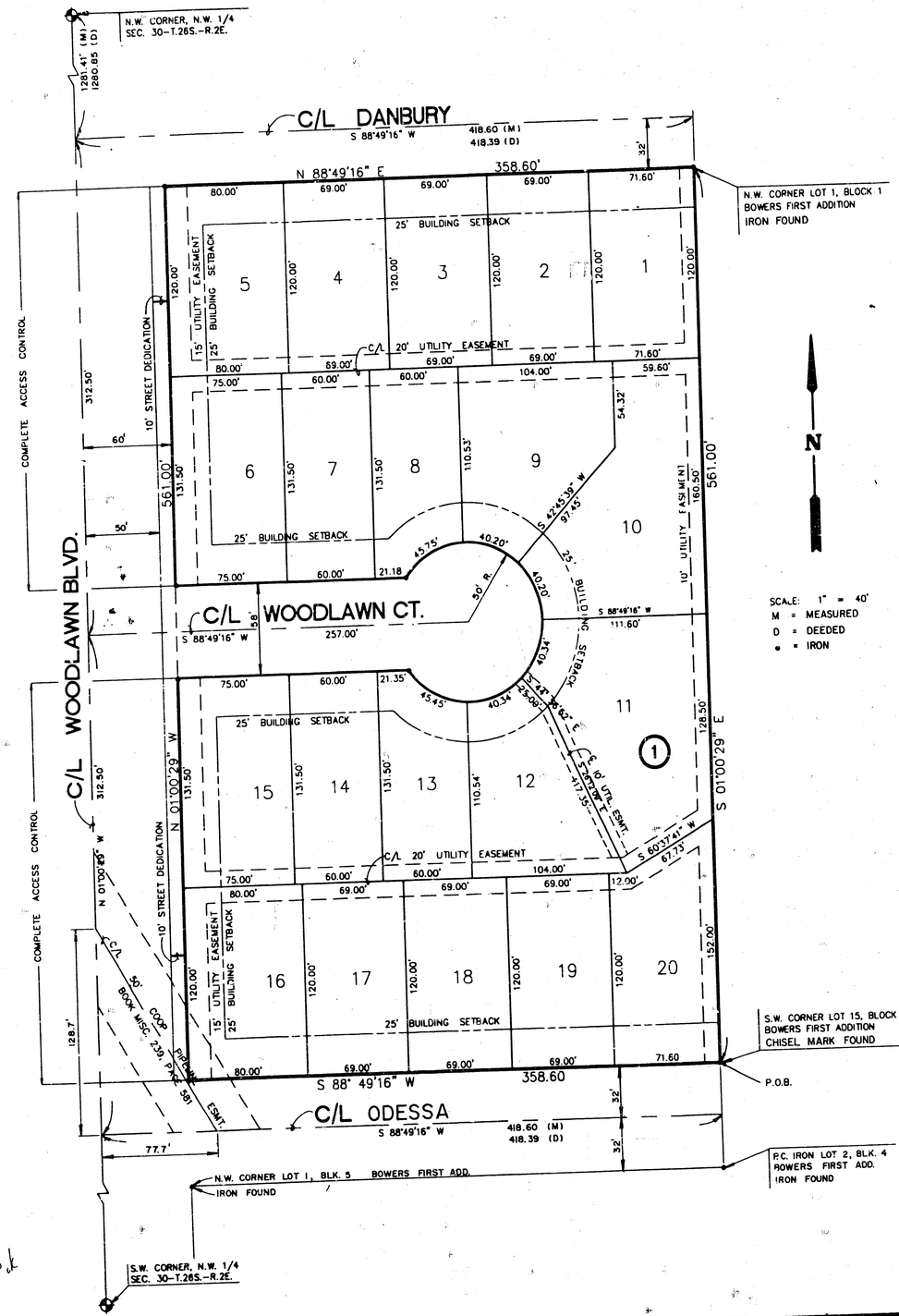
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PC 19-10

FINAL PLAT OF

WOODLAWN COURT ADDITION

AN ADDITION TO BEL AIRE, SEDGWICK COUNTY, KANSAS



I, Kenneth H. Bengtson, a Civil Engineer and Registered Land Surveyor in Kansas, do hereby certify that I have been in responsible charge of surveying and platting of "WOODLAWN COURT ADDITION", an addition to Bel Aire, Sedgwick County, Kansas, into lots, a block, and streets the same being accurately set forth in the accompanying plat and described herein:

A tract of land lying in the Northwest Quarter, Section 30, Township 26 South, Range 2 East of the 6TH P.M., Sedgwick County, Kansas, Beginning at a point 1281.41 feet, measured, (1280.85 feet deeded) South of the Northwest corner of the said Northwest Quarter; thence South along the West line of said Northwest Quarter 625 feet; thence East 418.60 feet, measured, (418.39 feet deeded); thence North parallel with the West line of said Northwest Quarter 625 feet; thence West 418.60 feet, measured, (418.39 feet deeded) to the point of beginning; EXCEPT the West 50.00 feet thereof, and except the North 32 feet thereof, and except the South 32 feet thereof for streets.

I hereby certify that the details of this plat are correct to the best of my knowledge and belief this 19th day of February, 1991.

Kenneth H. Bengtson, P.E., R.L.S. #922
Mid-Kansas Engineering Consultants, INC.
3500 N. Rock Road, Building #800
Wichita, KS

KENNETH H. BENGTSON LICENSED 7738 KANSAS PROFESSIONAL ENGINEER

KENNETH H. BENGTSON REGISTERED LS-922 KANSAS LAND SURVEYOR

Know all men by these presents that we the undersigned property owners of the land as above set forth in the Civil Engineer's and Registered Land Surveyor's Certificate, have caused the same to be surveyed and platted into lots, a block, and streets the same to be known as "WOODLAWN COURT ADDITION", an addition to BEL AIRE, Sedgwick County, Kansas. Easements for the construction and maintenance of public utilities as indicated on the accompanying plat, are hereby granted. All abuters rights of access to and from Woodlawn Blvd. over and across the West line of Lots 5, 6, 15, and 16, Block 1, WOODLAWN COURT ADDITION, are hereby granted to the City of Bel Aire, Kansas.

KANSAS DISTRICT OF THE LUTHERAN CHURCH, MISSOURI SYNOD

BY: Elmer Karstensen

#1121935

STATE OF KANSAS)
) ss.
SHAWNEE COUNTY)

BE IT REMEMBERED, that on this 14TH day of February, 1991, before me the undersigned, a Notary Public in and for the County and State aforesaid, came Elmer Karstensen for Kansas District of The Lutheran Church, Missouri Synod, personally known to me to be the same person who executed the foregoing instrument of writing and duly acknowledged the execution of the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year last above written.

Brenda D. DeMoss
Notary Public, Brenda D. DeMoss

Brenda D. DeMoss NOTARY PUBLIC State of Kansas MY APPT. EXPIRES 3/31/94

My appointment expires: 3/31/94

This plat of WOODLAWN COURT ADDITION has been submitted to and approved by the Bel Aire Planning Commission, BEL AIRE, Kansas.

Dated this 11th day of February, 1991.

BEL AIRE PLANNING COMMISSION

Beverly K. Bunning, CHAIRMAN
Beverly K. Bunning

Betty L. Martine, SECRETARY
Betty L. Martine

CITY OF BEL AIRE 1961 1991 CITY OF THE FUTURE WITH RESPECT FOR ITS PAST

This plat approved and all dedications shown hereon, if any, accepted by the City Commissioners of the City of Bel Aire, Kansas, this 19th day of February, 1991.

Lyle R. Ackerman, MAYOR
Lyle R. Ackerman

Sherryl L. Cutter, CITY CLERK
Sherryl L. Cutter

CITY OF BEL AIRE 1961 1991 CITY OF THE FUTURE WITH RESPECT FOR ITS PAST

Enter on transfer record this 27 day of February, 1991.

Don Wright, COUNTY CLERK
Don Wright

STATE OF KANSAS)
) ss.
SEDGWICK COUNTY)

This is to certify that this instrument was filed for record in the Register of Deeds office this 27TH day of FEBRUARY, 1991. AT 2:15 P.M.

Pat Ketter, REGISTER OF DEEDS
Pat Ketter

Ed Reas, DEPUTY
Ed Reas

CLERK OF SEDGWICK COUNTY SEDGWICK COUNTY KANSAS

CLERK OF SEDGWICK COUNTY SEDGWICK COUNTY KANSAS

PC 19-10

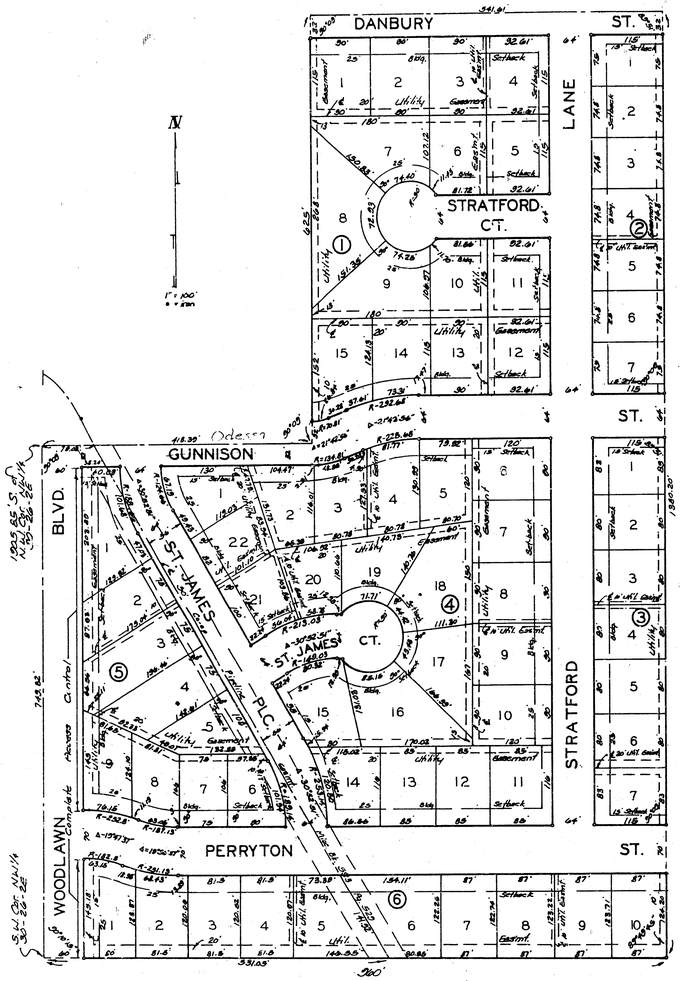
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BOWERS FIRST ADDITION

SEDGWICK COUNTY KANSAS



Know all men by these presents that we, the undersigned, owners of the above described property, have caused the land described in the surveyors certificate to be platted into Lots, Blocks and Streets to be known as "BOWERS FIRST ADDITION", Sedgwick County, Kansas. The easements are hereby granted as indicated for the construction and maintenance of all public utilities. The streets are hereby dedicated to and for the use of the public. All abutters rights of access to or from Woodlawn Blvd. over and across the west line of Lots 1, 2, 3 and 9, Block 5 and the west line of Lot 1, Block 6 are hereby granted to the appropriate governing body.

Bowers Drilling Company Inc.

Emil E. Bowers President
Emil E. Bowers

Judy C. Powers Secretary
Judy C. Powers

State of Kansas } S.S.
Sedgwick County }

Be it remembered that on this 18th day of August 1976, before me a notary public in aforesaid county and state came Emil E. Bowers, President and Judy C. Powers, Secretary of Bowers Drilling Company Inc., to me known to be the same persons 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.

Connie L. Glenn Notary Public
My Comm. Exp. 12/11/77 CONNIE L. GLENN

We, the undersigned holders of a mortgage on the above described property do hereby consent to this plat of "BOWERS FIRST ADDITION", Sedgwick County, Kansas.

Bel-Aire East Inc.

Howard P. House President

Wilma B. Jennings Secretary
Wilma B. Jennings

State of Kansas } S.S.
Sedgwick County }

Be it remembered that on this 18th day of August 1976, before me a notary public in aforesaid county and state came Howard P. House, President and Wilma B. Jennings, Secretary of Bel-Aire East Inc. to me known to be the same persons 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.

Judy C. Powers Notary Public
My Comm. Exp. 3/2/80

3/2/11

State of Kansas } S.S.
Sedgwick County }

We Baughman Company, Surveyors in aforesaid county and state do hereby certify that we have surveyed and platted "BOWERS FIRST ADDITION", Sedgwick County, Kansas, and that the accompanying plat is a true and correct exhibit of the property surveyed, described as beginning at the S.W. Corner of the NW¼ of Sec. 30, Twp. 26-S, R-2-E; thence north along the west line of said NW¼, 749.82 feet to a point 1905.85 feet south of the N.W. Corner thereof; thence east parallel with the north line of said NW¼, 418.39 feet; thence north parallel with the west line of said NW¼, 625 feet; thence east parallel with the north line of said NW¼, 541.61 feet; thence south parallel with the west line of said NW¼, 1380.2 feet to the south line thereof; thence west 960 feet to beginning.

Baughman Company

4/30/76 Date

William L. Korbar Surveyor

WILLIAM L. KORBAR REGISTERED LS-35 KANSAS LAND SURVEYOR

This plat of "BOWERS FIRST ADDITION", Sedgwick County, Kansas, has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas: Dated this 13th day of MAY 1976.

Wichita-Sedgwick County Metropolitan Area Planning Commission.

David Baughman Chairman

Robert A. Lakin Secretary

This plat approved and all dedications shown hereon accepted by the Board of Commissioners of the City of Wichita, Kansas, this 9TH day of NOVEMBER 1976.

James M. Donnell Mayor

Donald C. Gisick City Clerk

This plat approved and all dedications shown hereon accepted by the Board of Commissioners, Sedgwick County, Kansas, this 30th day of November 1976.

John Hale Chairman

Earl E. Rush Commissioner

Jim Scott Commissioner

George Pierce County Clerk

Entered on transfer record this 30 day of Nov 1976.

George Pierce County Clerk

#305533

State of Kansas } S.S.
Sedgwick County }

This is to certify that this plat was filed for record in the office of the Register of Deeds this 30TH day of NOVEMBER 1976, at 12:00 o'clock P.M; and is duly recorded.

Bette F. McCart Register of Deeds

Pat Kettler Deputy

Restrictive Covenants Filed in 312

D-3-25

20.80

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