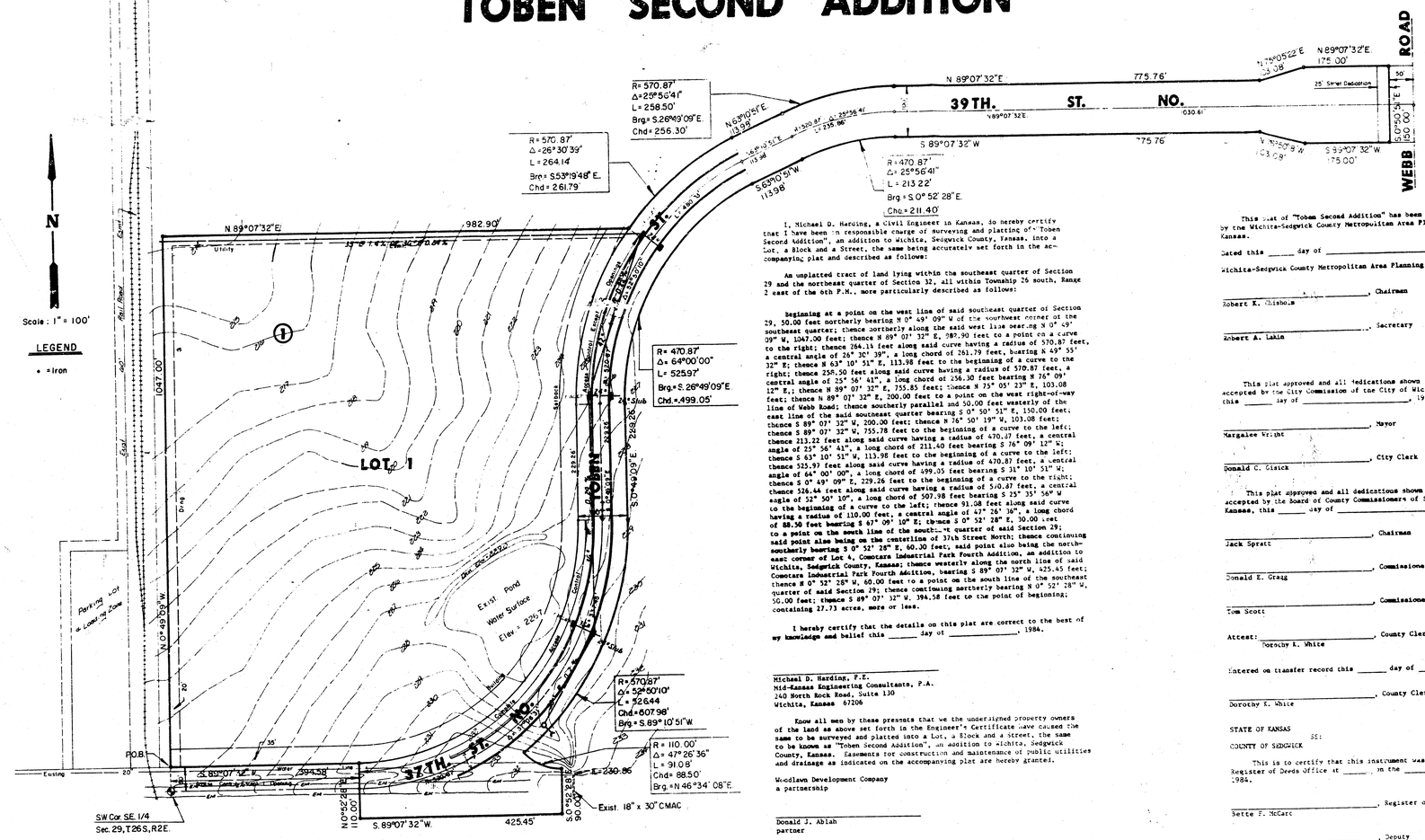
TOBEN SECOND ADDITION
(Drainage)

DRAINAGE PLAN FOR
TOBEN SECOND ADDITION



I, Michael D. Harding, a Civil Engineer in Kansas, do hereby certify that I have been in responsible charge of surveying and platting of "Toben Second Addition", an addition to Wichita, Sedgwick County, Kansas, into a Lot, a Block and a Street, the same being accurately set forth in the accompanying plat and described as follows:

An unplatted tract of land lying within the southeast quarter of Section 29 and the northeast quarter of Section 32, all within Township 26 south, Range 2 east of the 6th P.M., more particularly described as follows:

Beginning at a point on the west line of said southeast quarter of Section 29, 50.00 feet northerly bearing N 0° 49' 09" W of the southwest corner of the southeast quarter; thence northerly along the said west line bearing N 0° 49' 09" W, 1047.00 feet; thence N 89° 07' 32" E, 982.90 feet to a point on a curve to the right; thence 264.14 feet along said curve having a radius of 570.87 feet, a central angle of 26° 30' 39", a long chord of 261.79 feet, bearing N 49° 55' 32" E; thence N 63° 10' 51" E, 113.98 feet to the beginning of a curve to the right; thence 258.50 feet along said curve having a radius of 570.87 feet, a central angle of 25° 56' 41", a long chord of 256.30 feet bearing N 76° 09' 12" E,; thence N 89° 07' 32" E, 755.85 feet; thence N 75° 05' 23" E, 103.08 feet; thence N 89° 07' 32" E, 200.00 feet to a point on the west right-of-way line of Webb Road; thence southerly parallel and 50.00 feet westerly of the east line of the said southeast quarter bearing S 0° 50' 51" E, 150.00 feet; thence S 89° 07' 32" W, 200.00 feet; thence N 76° 50' 19" W, 103.08 feet; thence S 89° 07' 32" W, 755.78 feet to the beginning of a curve to the left; thence 213.22 feet along said curve having a radius of 470.87 feet, a central angle of 25° 56' 41", a long chord of 211.40 feet bearing S 76° 09' 12" W; thence S 63° 10' 51" W, 113.98 feet to the beginning of a curve to the left; thence 525.97 feet along said curve having a radius of 470.87 feet, a central angle of 64° 00' 00", a long chord of 499.05 feet bearing S 31° 10' 51" W; thence S 0° 49' 09" E, 229.26 feet to the beginning of a curve to the right; thence 526.44 feet along said curve having a radius of 570.87 feet, a central angle of 52° 50' 10", a long chord of 507.98 feet bearing S 25° 35' 56" W to the beginning of a curve to the left; thence 91.08 feet along said curve having a radius of 110.00 feet, a central angle of 47° 26' 36", a long chord of 88.50 feet bearing S 67° 09' 10" E; thence S 0° 52' 28" E, 30.00 feet to a point on the south line of the southeast quarter of said Section 29; said point also being on the centerline of 37th Street North; thence continuing southerly bearing S 0° 52' 28" E, 60.30 feet; said point also being the northeast corner of Lot 4, Comotara Industrial Park Fourth Addition, an addition to Wichita, Sedgwick County, Kansas; thence westerly along the north line of said Comotara Industrial Park Fourth Addition, bearing S 89° 07' 32" W, 425.45 feet; thence S 0° 52' 28" W, 60.00 feet to a point on the south line of the southeast quarter of said Section 29; thence continuing northerly bearing N 0° 52' 28" W, 50.00 feet; thence S 89° 07' 32" W, 394.58 feet to the point of beginning; containing 27.73 acres, more or less.

I hereby certify that the details on this plat are correct to the best of my knowledge and belief this _____ day of _____, 1984.

_____
Michael D. Harding, P.E.
Mid-Kansas Engineering Consultants, P.A.
240 North Rock Road, Suite 130
Wichita, Kansas 67206

Know all men by these presents that we the undersigned property owners of the land as above set forth in the Engineer's Certificate have caused the same to be surveyed and platted into a Lot, a Block and a Street, the same to be known as "Toben Second Addition", an addition to Wichita, Sedgwick County, Kansas. Easements for construction and maintenance of public utilities and drainage as indicated on the accompanying plat are hereby granted.

Woodlawn Development Company
a partnership

_____
Donald J. Ablah
partner

STATE OF KANSAS
ss:
COUNTY OF SEDGWICK

Be it remembered that on this _____ day of _____, 1984 before me, a Notary Public in and for said State and County, came Woodlawn Development Company, a partnership, by Donald J. Ablah, partner, 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.

_____, Notary Public

My Appointment Expires: _____

This plat of "Toben Second Addition" has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.

Dated this _____ day of _____, 1984.

Wichita-Sedgwick County Metropolitan Area Planning Commission

_____, Chairman
Robert K. Chisholm

_____, Secretary
Robert A. Lakin

This plat approved and all dedications shown hereon, if any, accepted by the City Commission of the City of Wichita, Kansas, this _____ day of _____, 1984.

_____, Mayor
Margalee Wright

_____, City Clerk
Donald C. Gisick

This plat approved and all dedications shown hereon, if any, accepted by the Board of County Commissioners of Sedgwick County, Kansas, this _____ day of _____, 1984.

_____, Chairman
Jack Spratt

_____, Commissioner
Donald E. Gragg

_____, Commissioner
Tom Scott

Attest: _____, County Clerk
Dorothy K. White

Entered on transfer record this _____ day of _____, 1984.

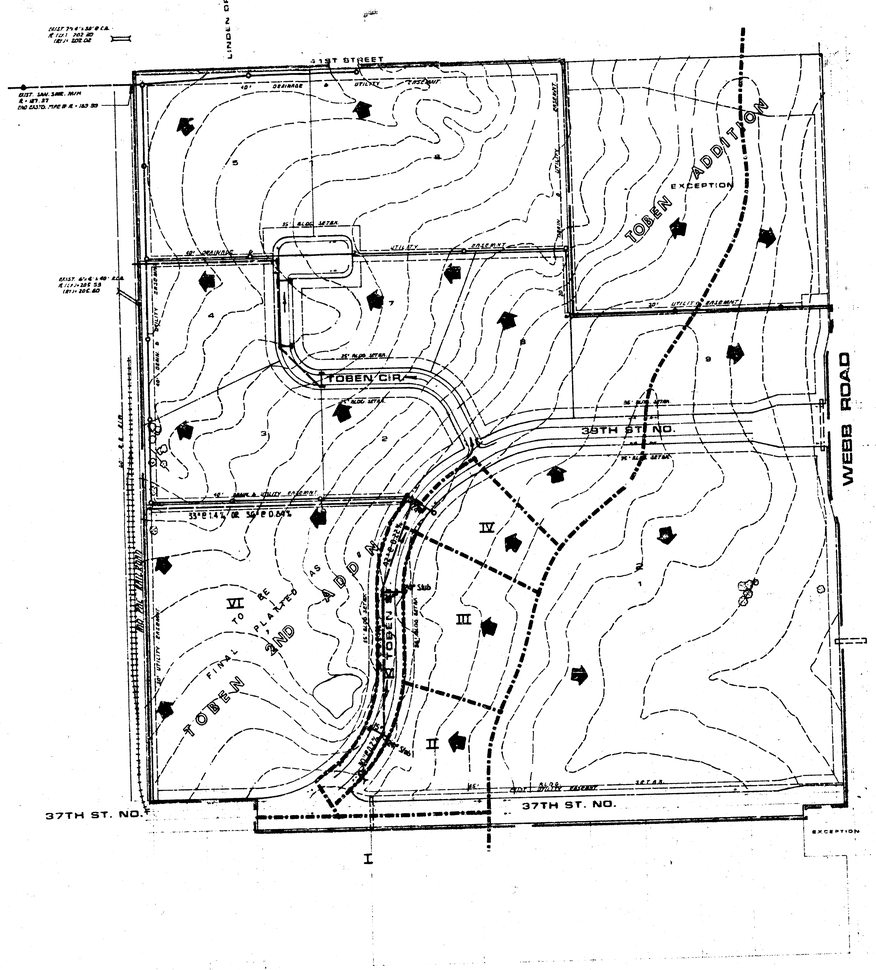
_____, County Clerk
Dorothy K. White

STATE OF KANSAS
ss:
COUNTY OF SEDGWICK

This is to certify that this instrument was filed for record in the Register of Deeds Office at _____ on the _____ day of _____, 1984.

_____, Register of Deeds
Bette F. McCarr

_____, Deputy
Pat Kettler



DRAINAGE CONCEPT & UTILITY PLAN

BILL G. YUNG DESIGN

13-22
13-25 50'
Correction
Industrial
Park 9th

TOBEN SECOND ADDITION
(Drainage)

TOBEN SECOND ADDITION	AREA	AREA ACCUM	C	T_c	i_5 in/hr	i_{100} in/hr	Q_5 cfs	Q_{100} cfs
I AREA SOUTH OF ROCK RD.	4.7		.47	20	4.66	8.03	15.3	26.4
II AREA East of Toben Street	5.1		"	20	4.66	8.03	16.6	28.7
III AREA East of Toben Street	4.4	9.8	"	22	4.49	7.74	30.8	
			"	20	4.66	8.03	14.4	24.7
IV AREA East of Toben Street	2.8	14.2	"	23	4.41	7.60	43.6	
			"	20	4.66	8.03	9.1	15.7
V Street R/W - Toben	2.3	17.0	.9	24	4.34	7.48	51.6	
		19.3		25	4.27	7.36	57.6	99.4
VI	20.		0.7	25	4.27	7.36	59.8	103.0