# 2004 MACOMB COUNTY REMONUMENTATION PROGRAM FOR BRUCE TOWNSHIP

Research Dossier for I-5

Prepared by: Kennedy Surveying, Inc. 105 North Washington Street Oxford, Michigan 48371 04-5850 (96-4013)





### LAND CORNER RECORDATION CERTIFICATE

general contract Section 1

For corners in	5		nt of Act 74, Mich.					
	*		o	1				
The state of the s	Located In: Township	Corr	er Code#					
1. Public Land Survey	T 51 T	N R 12E R R	I-5	<u> </u>	412 1952	4216 1546	8 PA(	iE 709
Property Controlling in Section     Miscellaneous Section	S T	R		SE STANSFERENCE	MACOME	2004 11:0 CDUNTY, A SABAUG Of Deed	HT	SEAL OF PIE NUMBER
4. Lot No, Record	led Plat							
5. Private Claims	S-14-14-14-14-14-14-14-14-14-14-14-14-14-			1 A	B C D	EF	G H I	J K L M
I, Huston K. Kennedy, ir requirements of P.A. 74, Michigan F conformance with regulations and rul United States Department of the Inte that the corner points mentioned in lin Board of Land Surveyors or by a recovered, found as expressed below:	P.A. of 1970, the corn les therefore as require rior, Bureau of Land N nes 3, 4 and 5 above Decree of a Court	er points mentioned in ed in the current manu Management or by a d were in conformance	n lines 1 and 2 above val of survey instructions ecree of a Court of Law with the rules of the M	were in 5 — 5 s of the 5 individual of 5 indiv	-10 -1 -19 -2	3	10-15-22-	-2 - i i 12
NOTE: Not more than 2 corner on this certificate.	s, all in the same to	wn and range, may	be recorded	9	30 -2	9 28-	27	-2625
<ul> <li>A. Description of original m 1817-Wampler, D.S.;Set po</li> <li>1) 1975-Kobs, PS #14097; I</li> <li>2) 1989-Kennedy, PS #1762 intersection of 36 Mile R</li> <li>3) 2000-Field, PS #37276; I</li> <li>4) 1975-Kobs, PS #14097; S</li> <li>B. Description of corner evidee 2004-Kennedy Surveying, Ir line of M-53 (Van Dyke Roa center line of 36 Mile Road</li> </ul>	est White Birch 6 LCRC L. 2612, P 23; LCRC L. 463 oad LCRC L. 9588, P Survey L. 2601, I nce found and/or a nc. – Kennedy, F d) extending to t	" diameter was upg 663 – Reset Pal, Pg. 896 – Fndg. 328 – Set a #Pg. 575 – Fnd Pimethod applied in PS #17623 – Fndhe North and So	Ised as the corner K Nail & Brass W I PK Nail w/Brass 4 Rerod w/cap #3 K Nail & Brass Wa Cont.  restoring or reestable a ½" Iron Rod w/outh, which has a	r, no witnessed asher in pay Washer cen 7276 in mon asher in paye on back side blishing corner cap in a more bituminous si	ement terline of ument bo ement, u LCRC	ox at M-5 sed same	53 and 36 e wit as 1	6 Mile Road 1975 LCRC
Witnesses from LCRC # 1 8 w/cap in a monument box.					ify the lo	cation of	the found	d ½" Iron Rod
I accepted the found ½" Iron being perpetuated.	n Rod w/cap in a	monument box	Nail & Brass Was	her as the be	est evide	nce of th	e corner	position as
Field Measurements Between	en Corners see b	ack side LCRC		•				
C. Description of monument for I-5 I replaced the found ½" I Monument, MI Act #345, PS N51°E 40.21' Set Mag Nail N67°W 65.86' Set Mag Nail N519°E 93.13' Set Mag Nail N576°W 127.22' Set Mag Nail N576°W 127.22' Set Mag Nail	ron Rod w/cap w 5 #17623" in an e w/Remon Washe w/Remon Washe w/Remon Washe il w/Remon Washe	rith a ¾" x 24" Ire existing monume er NW face Powe er SW face Powe er SW face Powe her N face Powe	on Rod w/2" diame nt box er Pole er Pole er Pole	eter aluminu	m cap st	ampad A	HUSTO KENNE PROFESSI SURVEY	Consolva DN DV IONAL
The selected location is according to the position of the porner as Signed by:	cepted by me an being perpetuat	d is generally ac	ccepted by ProfesDate	sional Surve		the best		A BUND ARCE OF
Surveyor's Michigan License N	o.: 17 <b>6</b> 2	23						
ACCEPTED BY THE MACOMB C GROUP AS THE OFFICIAL COR PUBLIC ACT 345 OF 1990 ON 5/// OF MARTIN C. DUNN, P.S	NER UNDER MICHIG AT A MEETING HE 	AN	M APPROVED BY MICHI	GAN STATE BOA	ARD OF PRO	DFESSIONAL	REVI:	R'S, JAN. 28, 1971 SED MAY 14, 1975 EVISED JAN., 1983 VISED OCT., 1995

### Town 5 North, Range 12 East, Bruce Township (I-5)

Liber 015468 Page 00710

### Section "A" Cont.

- 5) 1977-Kobs, PS #14097; Survey L. 2762, Pg. 26 Fnd PK Nail & Brass Washer in pavement, used same wit as 1975 LCRC
- 6) 1977-Kobs, PS #14097; Survey L. 2811, Pg. 755 Fnd PK Nail & Brass Washer in pavement, used same wit as 1975 LCRC
- 7) 1978-Kobs, PS #14097; Survey L. 3021, Pg. 140 Fnd PK Nail & Brass Washer in pavement, used same wit as 1975 LCRC
- 8) 1978-Kobs, PS #14097; Survey L. 3021, Pg. 149 Fnd PK Nail & Brass Washer in pavement, used same wit as 1975 LCRC
- 9) 1978-Kobs, PS #14097; Survey L. 3021, Pg. 157 Fnd PK Nail & Brass Washer in pavement, used same wit as 1975 LCRC
- 10) 1979-Kobs, PS #14097; Survey L. 3062, Pg. 501 Fnd PK Nail & Brass Washer in pavement, used same wit as 1975 LCRC
- 11) 1990-Kobs, PS #14097; Survey L. 5014, Pg. 672 Fnd PK Nail & Brass Washer in pavement
- 12) 1993-King, PS #30085; Survey L. 5969, Pg. 143 Fnd PK Nail & Brass Washer in pavement, used same wit as 1990 Survey
- 13) 1998-Kings, PS #30085; Survey L. 8044, Pg. 923 Fnd PK Nail & Brass Washer in pavement, used same wit as 1990 Survey
- 14) 1998-King, PS #30085; Survey L. 8044, Pg. 965 Fnd PK Nail & Brass Washer in pavement, used same wit as 1990 Survey
- 15) 1984-Kobs, PS #14097, Unrecorded survey Fnd 1/2" Iron Bar
- 16) 1990-Kobs, PS #14097; Unrecorded survey Fnd PK Nail & Brass Washer in pavement, used same wit as 1990 Survey
- 17) 2003-King, PS #30085; Unrecorded survey Fnd PK Nail & Brass Washer in pavement, used same wit as 1990 Survey

Section "B" Cont.

### Field Measurements Between Corners

### <u>l-5 to l-4</u>

GLO = 40 chains or 2640.00 Ft.

Surveys recorded in Liber 2811, Pg. 755, Liber 5014, Pg. 672 & Liber 8044, Pg. 923 = 2662.56 Ft.

Surveys recorded in Liber 5969, Pg. 143 & Liber 8044, Pg. 92 = 2662.64 Ft.

Unrecorded survey by Kobs Land Surveying dated January 16, 1984 = 2662.64 Ft.

Unrecorded survey by Herbert J. Kobs, PS #14097 dated March 19, 1990 = 2662.56

Unrecorded survey by Donald H. King, PS #30085 dated October 13, 2003 = 2662.56 Ft.

Macomb County Sidwell Map = 2662.60 Ft.

N02°49'36" West 2662.56 Ft. (mea to mag nail & washer)

### <u>I-5 TO I-6</u>

GLO = 40 chains or 2640.00 Ft.

Surveys recorded in Liber 2811, Pg. 755, Liber 3021, Pg. 140 & Liber 3062, Pg. 501 = 2580,94 Ft.

Macomb County Sidwell Map = 2581.16 Ft.

S02°29'24" East 2581.14 Ft. (m)

### <u>l-5 to J-5</u>

GLO = 40.32 chains or 2661.12 Ft.

Survey recorded in Liber 2811, Pg. 755 = 2633.12 Ft.

Macomb County Sidwell Map = 2633.57 Ft.

N85°16'17" E 2633.64 Ft. (m)

### I-5 to H-5

GLO = 40.40 chains or 2666.40 Ft.

Survey recorded in Liber 5969, Pg. 143 = 2661.20 ft.

Unrecorded survey by Kobs Land Surveying dated January 16, 1984 = 2661,13 Ft.

S88°27'54" West 2660.90 Ft. (m)

### Sources of Information Researched For Macomb County 2004 Remonumentation Program For Bruce Township

1) GLO Notes
2) Act 74 Recorded LCRC
3) Act 132 Recorded Surveys
4) Personal History and Records
5) Unrecorded LCRC's and Surveys
6) Letters to the Following, Requesting Unrecorded information
a) AES Engineers & Surveyors, Inc. b) Anderson, Eckstein & Westrick c) BMJ Engineers & Surveyors d) Bruen Land Surveying e) David Little Land Surveyor f) Dunn Construction g) Fenn & Associates Surveying, Inc. h) George F. Dely Co, l) George Jerome & Company j) Kem-Tec Surveying k) King Surveying & Associates, Inc. l) Lansky Land Surveyor m) Lehner Associates, Inc. n) M.C.S. Associates, Inc. o) Metco Land Sea Corp., p) Metco-Dunn, Inc. q) Michalich & Associates r) Milletics & Associates s) R.J. Donnelly & Associates, Inc. l) RA. Duthler Land Surveyor LLC u) Reichert Surveying v) Road Commission for Macomb County w) Rowe Incorporate x) Spalding, DeDecker & Associates y) Urban Land Consultants, L.L.C.
z) Williams & Gorinac Associates

#### **GLO SURVEY HISTORY**

Researching the government survey records for Macomb County shows that the North and West lines of Bruce Township were surveyed and the township was subdivided into sections with closing corners set on the North and West township lines by Joseph Wampler, D.S. in 1817. A post was set at the Southeast corner of Section 10, Southwest corner of Section 11, Northwest corner of Section 14 and Northeast corner of Section 15.

WITNESSES:

White Birch 6" in diameter was used as the corner, no witnesses

### **EXISTING CONDITIONS**

The original government post has been obliterated and the witness trees have been destroyed. The corner is being perpetuated capped in a ½" Iron Rod in a monument box 1' East of existing center line of M-53 (Van Dyke Road) extending to the North and South, which has a bituminous surface. Also, 6' North of the existing center line of 36 Mile Road extending to the West, which has a gravel surface.

### LCRC AND RECORDED SURVEYS

Researching the Macomb County Records for Land Corner Recordation Certificates (LCRC) and Certificate of Survey shows Herbet J. Kobs, PS #14097 recorded a LCRC on August 28, 1975 and reset PK Nail & Brass Washer in pavement.

WITNESSES: (Based upon LCRC recorded in Liber 2612, Page 663 of Macomb County Records)

\*NW 124.32' SE corner of House NE 38.23' PK Nail in Power Pole (39.60' new pole) \*SW 154.09' NE corner of Block Building

Huston K. Kennedy, PS #17623 recorded a LCRC on April 24, 1989 in Liber 4631, Page 896 of Macomb County Records. He found a PK Nail with Brass Washer in the center line of Van Dyke Road and intersection of 36 Mile Road.

#### WITNESSES:

S40°E 96.29' Nail w/Washer NE face Power Pole (93.17' new pole) N70°W 64.40' Nail w/Washer N face Power Pole (65.86' new pole) N70°E 38.24' Nail w/Washer N face Power Pole (39.60' new pole)

Jonathan M. Field, PS #37276 recorded a LCRC on June 9, 2000 in Liber 9588, Page 328 of Macomb County Records. He set a #4 Rerod w/cap #37276 in monument box at M-53 and 36 Mile Road. Corner position was reestablished from remaining witnesses.

### **WITNESSES:**

- \*N50°E 12.152m Nail w/Tag W face Power Pole (12.071 m or 39.60 Ft. mea)
- \*S20°E 28.417m PK Nail w/Tag NE face Power Pole (28.398 m or 93.17 Ft. mea)
- \*S15°W 46.977m NE corner of Block Building 46.94 m or 154.02 Ft. mea) N80°W 19.697m Nail w/Tag #17623 N face Power Pole (new pole) (m = meter)

Herbert J. Kobs, PS #14097 recorded a Certificate of Survey on July 21, 1975 in Liber 2601, Page 575 of Macomb County Records. He found a PK Nail & Brass Washer in pavement, used same witnesses as listed on the 1975 LCRC.

Herbert J. Kobs, PS #14097 recorded a Certificate of Survey on January 10, 1977 in Liber 2762, Page 26 of Macomb County Records. He found PK Nail & Brass Washer in pavement, used same witnesses as listed on the 1975 LCRC.

Herbert J. Kobs, PS #14097 recorded a Certificate of Survey on April 19, 1977 in Liber 2811, Page 755 of Macomb County Records. He found PK Nail & Brass Washer in pavement, used same witnesses as listed on the 1975 LCRC.

Herbert J. Kobs, PS #14097 recorded a Certificate of Survey on October 24, 1978 in Liber 3021, Page 140 of Macomb County Records. He found PK Nail & Brass Washer in pavement, used same witnesses as listed on the 1975 LCRC.

Herbert J. Kobs, PS #14097 recorded a Certificate of Survey on October 24, 1978 in Liber 3021, Page 149 of Macomb County Records. He found PK Nail & Brass Washer in pavement, used same witnesses as listed on the 1975 LCRC.

Herbert J. Kobs, PS #14097 recorded a Certificate of Survey on October 24, 1978 in Liber 3021, Page 157 of Macomb County Records. He found PK Nail & Brass Washer in pavement, used same witnesses as listed on the 1975 LCRC.

Herbert J. Kobs, PS #14097 recorded a Certificate of Survey on January 31, 1979 in Liber 3062, Page 501 of Macomb County Records. He found PK Nail & Brass Washer in pavement, used same witnesses as listed on the 1975 LCRC.

Herbert J. Kobs, PS #14097 recorded a Certificate of Survey on December 30, 1990 in Liber 5014, Page 672 of Macomb County Records. He found PK Nail & Brass Washer in pavement.

#### **WITNESSES:**

\*NW 124.32' SE corner of House NE 38.23' PK Nail in Power Pole (new pole) \*SW 154.09' NE corner of Block Building West 667.05' 3/8" Diameter Iron Bar

Donald H. King PS #30085 recorded a Certificate of Survey on August 11, 1993 in Liber 5969, Page 143 of Macomb County Records. He found PK Nail & Brass Washer in pavement, used same witnesses as listed on the 1990 Certificate of Survey.

Donald H. King PS #30085 recorded a Certificate of Survey on May 11, 1998 in Liber 8044, Page 923 of Macomb County Records. He found PK Nail & Brass Washer in pavement, used same witnesses as listed on the 1990 Certificate of Survey.

Donald H. King PS #30085 recorded a Certificate of Survey on May 11, 1998 in Liber 8044, Page 965 of Macomb County Records. He found PK Nail & Brass Washer in pavement, used same witnesses as listed on the 1990 Certificate of Survey.

### **UNRECORDED SURVEYS AND WITNESSES**

Herbert J. Kobs, PS #14097 did a unrecorded survey on January 16, 1984. He found a ½" Iron Bar, used same witnesses as listed on the 1990 Certificate of Survey.

#### WITNESSES:

NE 43.71' PK Nail 40" Oak (gone) SE 44.90' PK Nail Power Pole (new pole) SW 47.96' Crisscross Steel Anchor Post (gone)

Herbert J. Kobs, PS #14097 did a unrecorded survey on March 19, 1990. He found a PK Nail & Brass Washer in pavement, used same witnesses as listed on the 1990 Certificate of Survey.

Donald H. King, PS #30085 did a unrecorded survey on October 13, 2003. He found a  $\frac{1}{2}$ " Iron w/cap #37278 in Monument Box, used same witnesses as listed on the 1990 Certificate of Survey.

### FIELD MEASUREMENTS BETWEEN CORNERS

#### I-5 to I-4

GLO = 40 chains or 2640.00 Ft.

Surveys recorded in Liber 2811, Pg. 755, Liber 5014, Pg. 672 & Liber 8044, Pg. 923 = 2662.56 Ft.

Surveys recorded in Liber 5969, Pg. 143 & Liber 8044, Pg. 92 = 2662.64 Ft.

Unrecorded survey by Kobs Land Surveying dated January 16, 1984 = 2662.64 Ft.

Unrecorded survey by Herbert J. Kobs, PS #14097 dated March 19, 1990 = 2662.56

Unrecorded survey by Donald H. King, PS #30085 dated October 13, 2003 = 2662.56 Ft.

Macomb County Sidwell Map = 2662.60 Ft.

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S02°29'24" East 2581.14 Ft. (m)

#### I-5 to J-5

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#### I-5 to H-5

GLO = 40.40 chains or 2666.40 Ft.
Survey recorded in Liber 5969, Pg. 143 = 2661.20 ft.
Unrecorded survey by Kobs Land Surveying dated January 16, 1984 = 2661.13 Ft. S88°27'54" West 2660.90 Ft. (m)

The witnesses for the above mentioned Land Corner Recordation Certificate and Certificate of Survey were used to verify the location of the found  $\frac{1}{2}$ " Iron Rod w/cap in a monument box as of March 17, 2004. I therefore, recommend to the Macomb County Peer Group that they accept the found  $\frac{1}{2}$ " Iron Rod w/cap in a monument box as found as the best evidence of the original corner position as being perpetuated.

Huston K. Kennedy, P.S. Kennedy, Surveying, Inc.

HKK/hlk

\*Used to verify the location of the found corner (I-5)

(Revised 05/15/04)

### Four & North Rouge 12 Gast

80.112 But N+ S line & lke N Level burnet tim land West Bile S. 14173 110.21 Mired tempor ne pr. to an I. 10.034 N 415 6 8 90 / 5/0 11/1 North Between & 14 4 13 40,00 Set 12 mile hat 266188 63 W13 Da 12 N 16 0 15 62.47 Brook 15 S.E. 80,00 Set post Con S.10.11.14.15 is a Water Buch 6m Dies Pour Land Very brushy Simber benut Gart Ca R.L. bets 8 114 14 40,00 Set line 1/2 m. port 50,00 but brushy prof. 58.00 Left 80.64 But N+S line al fruit Low net & swhy land much fallen time & Wary brushy West marked betwee & 11+14 40,32 Mined tim 12 m. h. to con D. Cish yN 16 mg ymul N 68 WX North Beliver & 10 +11 31.70 Brook 6 110,00 Set 1/2 mile freet from which aspen if 559 W 18 Do 3 NYO 6 17

### LAND CORNER RECORDATION CERTIFICATE

FILING REQUIREMENT OF ACT 74, MICH. P.A.1970

- 0040	669
USES 2612	FAGE DO J

A319378 -

FOR CORNERS OF -:	LOCATED IN -:	CORNER CODE NUMBER	,
1. PUBLIC LAND SURVEY	T5 _ 8., R12E.	1-5	ECORDED IN MACOME COUNT
2. PROPERTY CONTROLL: 1 ING IN SECTION	1 ,T. 5 N. R. 12 W.	BRUCE TOWNSHIP	AUC 28 1975
3. MISCELLANEOUS PROPERTY IN SECTION			3 of a copyright
4. LOT NO , REC	ORDED PLAT		CLERK REGISTER OF DEEDE
5. PRIVATE CLAIMS			REGISTER OF DEEDS STAMP AND FILING NUMBER
the corner points mentioned field survey on JULY 17 restored as expressed below of survey instructions of the court of law. Furthermor 19 formance with the rules of the law:	in lines 1 and 2 above (iden 7, 1975, established and in conformance with regu United States Department of e, that the corner points m, found, recovered, restored, e Michigan State Board of R	itified with circles on index I, re-established, monument clations and rules therefore a the Interior, Bureau of Land entioned in lines 3, 4 and 5 established or re-established egistration for Land Surveyo	P.A. 74, Michigan P.A. of 1970, code diagram – over) were, in a ed, re-monumented, recovered or is required in the current manual Management or by a decree of a above were, in a field survey on as expressed below and in control or, by a Decree of a Court of
A. Description of original mo	onument and accessories and/	or subsequent restoration:	
		×	
	dence found and/or method ap BRASS WASHER IN PAVEME INE WITH OTHER IRONS T R OF SECTION 10.	NT 667.05 FEET EAST F	ROM FOUND
C. Description of monument	for corner and accessories	established to perpetuate loc	cating the position of the corner:
(P.K. NAIL & BRASS S.E. COR. OF HOUSE D.K. NAIL IN BOWER	WASHER IN PA VEMENT)		
SIGNED BY HERBERT SURVEYOR'S MICHIGAN R	J. KOES, R.L.S. EEGISTRATION NO. 14097	DATE	SUST 26, 1975
FOR STATE AND UNITED	STATES AGENCIES:	and the second	HERBERT .
SIGNED BYAPPROVED AND SIGNED I	CHIEF OF SURVEY PARTY  BY  MICHIGAN REGISTERED L	DATE DATE	J. KOBS LAND SURVEYOR
		( ) de se	1409764 13 H
SURVEYOR'S MICHIGAN R	FORI	M APPROVED BY MICHIGAN STATE I	BOARD OF REGISTRATION, JAN. 28, 1971 OF REGISTERED LANC SURVEYORS

Form No. MLM735

### Bruce Township

### LAND CORNER RECORDATION CERTIFICATE

For corners in	Filing Requirem	ent of Act 74, Mich. P.A. 19	70.
Macomb	Located In:	Corner Code ##	
Public Land Survey	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	I-5 J-5 J-6 I-6	
Property Controlling     in Section     Miscellaneous     Property in Sec.	S T R S T R S T R S T R	F	Register of Deeds Stamp & File Number
Property in Sec.	· ·		
	Recorded Plat		A B C D E F G H I J K L M
do hereby certify that under in lines 1 and 2 above were current manual of survey ins Management or by a decree above were in conformance. Court of Law; established expressed below:	LSn a field survey on	970, the corner points mentioned ales therefore as required in the nt of the Interior, Bureau of Land pints mentioned in lines 3, 4 and 5 and Surveyors or by a Decree of a umented, recovered, found as	3 4 7 8 9 10 11 12 12 5 6 18 17 16 15 13 7 7 8 19 20 21 22 23 24 9 10 30 29 28 27 26 25 11 12 31 32 33 34 35 36 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18
A. Description of origina	al monument and accessories and/or	r subsequent restoration:	·
I-5 Northwest Contraction  J-5 North 1/4 Contraction  J-6 Center Postextending N	, found 1/2" Iron Rod Nor forth. r., found Bolt Spike in M	rass washer centerline in North-South tree li th of centerline of Eb	e of Van Dyke Road and
I-5 Northwest 0 S40*E-96.29 ft- N70*W-64.40 ft- N70*E-38.24 ft- J-5 North 1/4 0 N30*E-122.85 ft N10*E-77.98 ft- N50*W-34.88 ft-	N/W NE face Power Pole N/W North face Power Pole N/W North face Power Pole Or. Sec 14 -PK/W West face 12" Ash PK/W East face 11" Ash PK/W North face 8" Elm	J-6 Center Post Sec N80*W-63.79 ft-PK/W Due North-33.74 ft-I S40*E-54.26 ft-PK/W I-6 West 1/4 Cor. Se N70*E-43.68 ft-N/W S S70*E-79.43 ft-N/W S S45*W-65.60 ft-PK/W	South face 24" Oak PK/W East face 8" Elm West face Power Pole ec 14 South face Power Pole SE face Power Pole East face 12" BOWN OF MICHAEL WILLIAM
Surveyor's Michigan Licer	nse NO.	PORM AP	PROVED BY MICHIGAN STATE TO AND SURVEYOR AND 28, 1971
			O/4//

### LAND CORNER RECORDATION CERTIFICATE Filing Requirement of Act 74, Mich. P.A. 1970

For corners in BRUCE	TOWNSHIP		06/	81 BER 9588 09/2000	11:22	128 !:33 A.M	i <b>.</b>		
MACOMB (County)	Located In:	Corner Code #	CAR	OMB COUNTELLA SA	BAUGH,	REG/DEE	DS		
Public Land Survey	T_05N_R_12E_ TR TR TR		Regist	ter of D	eeds S	tamp 8	File N	umber	
2. Property Controlling S	T R T R T R					×			
Lot No, Recorded     Private Claims	Plat	:	1 2		5 D	4	3 H	J K	1
3. Private Claims			- 3 4	7	8	9	10	11	12
I, Jonathan M. Field, P.S. do hereby certify that under require	, in a field surv	rey on <u>MAY 15</u> 20 00	O .	18	17	16	15	14	13
In lines 1 and 2 above were in co- current manual of survey instruction	nformance with regulations ar is of the United States Depart	nd rules therefore as requir ment of the Interior, Bureau	red in the 7	19	20	21	22	23	24
Management or by a decree of a Co above were in conformance with the Court of Law; established, re-e	e rules of the Michigan Board	of Land Surveyors or by a D	ecree of a 9	30	29	28	27	26	25
expressed below:  NOTE: Not more than 2 corne	rs, all in the same town an	d range, may be recorde	11 ed 12		32	33	34	35	36
125.85' SE COR. HOLD 1975 KOBS, P.S.#14097; L. OF HOUSE, NORTHE 1975 KOBS, P.S.#14097; C. 1977 KOBS, P.S.#14097; C. 1978 KOBS, P.S.#14097; C. 1978 KOBS, P.S.#14097; C. AS 1977. 1978 KOBS, P.S.#14097; C. 1989 KENNEDY, P.S.#1762 POWER POLE, N70W  B. Description of corner evidence 1-5 2000 ROWE, FIELD P.	ROAD PLANS; SPIKE & JSE, S18E 92.68' P.POLE C.R.C. L.2612 P.663; SE AST 38.23' PK NAIL IN FERTIFIED SURVEY, L.26 ERTIFIED SURVEY L.28 ERTIFIED SURVEYS L.30 ERTIFIED SURVEY; L.30 3; L.C.R.C. L.4631 P.896' 64.40' N/W NORTH FAC	CROSS IN CENTER OF CROSS IN CROSS I	OF 18' CON OS WASHEI 154.09' NE 975 L.C.R.C I'H BRASS 75 L.R.C.R IO; FND NAI 075 L.C.R.C RASS WAS E 38.24' NO blishing corn	R, NOR E CORN C. WASHI IL WITH C. SHER, S DRTH F	THWE ER OF ER, SA BRAS S40E 96 FACE P	ST 124 BLOC ME WI S WAS 6.29' N	1.32' SE K BLD TS AS: HER, S	E COR G. 1975 SAME V	NER VITS
N50°E, 12.152m NAIL S20°E, 28.417m P-K S15°W, 46.977m NE (	corner and accessories esta AP #37276 IN MON BOX W/TAG IN W. FACE P.F NAIL W/TAG IN NE FACI CORNER OF BLOCK BLI W/TAG #17623 IN N. FA	AT M-53 AND 36 MILE POLE E P.POLE DG.	RD.		100	JONA	EYOR	Chian College	20, 1971

A313375

### Certificate of Survey

MICHAEL FOR POKORNEY DATE JULY 17, 1975 JOB # 194-75 SCALE 1 = 1001 SHEET TOF T

#### PROPERTY DESCRIPTION

A PARCEL OF LAND LOCATED IN AND BEING A PART OF THE SOUTH 15 ACRES OF THE WEST HALF OF THE SOUTHWEST 1/4 OF SECTION 11, TOWN 5 NORTH, RANGE 12 EAST, BRUCE TOWNSHIP, MACOME COUNTY, MICHIGAN, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCING AT THE SOUTHWEST CORNER OF SAID SECTION 11; THENCE NORTH 01 DEGREES 11 MINUTES WEST 330.00 FEET; THENCE NORTH 89 DEGREES 21 MINUTER 30 SECONDS EAST 660.03 FEET; THENCE SOUTH 01 DEGREES 11 MINUTES EAST 330.00 FEET; THENCE SOUTH 89 DEGREES 21 MINUTES 30 SECONDS WEST 660.03 FEET TO THE POINT OF BEGINNING, CONTAINING 5.000 ACRES OF LAND. SUBJECT TO THE RIGHTS OF THE PUBLIC IN VAN DYKE ROAD AND ANY EASEMENTS OF RECORD.

RECORDED IN MACOMB COUNTY RECORDS AT: 150 M.

JUL 21 1975

HEREBY CERTIFY THAT I HAVE SURVEYED THE PARCEL OF LAND DESCRIBED AND DELINEATED HEREON; THAT SAID SURVEY WAS PERFORMED WITH AN ERROR OF CLOSURE NO GREATER THAN 1 IN 50001; AND THAT, I HAVE FULLY COMPLIED WITH THE TREQUIREMENTS OF SEC. 3, ACT 132, P.A. 1970.

HERBERT J. KOBS REGISTERED LAND SURVEYOR

No. 14097

NOTE: SET 1/2" IRON BARS 18" LONG WITH CAPS STAMPED (R.L.S. 14097) AT POINTS MARKED THUS! O

KOBS SURVEYO

FENCE ON LINE

KOBS LAND SURVEYING

-52.2700



330

### Certificate of Survey DATE NOV. 118ER 2762 PAGE 26 JOS #\_ = 200 DIVISION OF PART OF THE SOUTHEAST SCALE\_ 1/4 of Section 10, Town 5 North, SHEET . RANGE 12 EAST, BRUCE TOWNSHIP, MAGOMB COUNTY, MICHIGAN. Note: BEARINGS RELATE TO DESCRIPTION OF RECORD FOR DELINEATED PARCEL. SET 1/2" IRON BARS 18" LONG WITH CAPS STAMPED (R.L.S. 14097) AT POINTS MARKED THUS: 0 R= RECORDED M= MEASURED N89°08'45'W PARCEL B" (10.010 AC.) 589°07'03"E PARCEL A" (10.049 Ac.) SET IRON 4'4 89°05'20" E (PEC.) 1324.85 Sake" I HEREBY CERTIFY THAT I HAVE SURVEYED THE PARCEL(S) OF LAND DESCRIBED AND DELINEATED HEREON; THAT SAID SURVEY WAS PERFORMED WITH AN ERROR OF GLOSURE OF 1 IN 11,123; AND THAT I HAVE FULLY COMPLIED WITH THE REQUIREMENTS OF SECTION 3, ACT 132, P.A. 1970. RECORDED IN MACOMB COUNTY HERBERT J. KOBS REGISTERED LAND SURVEYOR DECORDS AT: 7: 250. No. 14097 JAN 1 0 1977 CHERK - REGISTON OF DERICH HERBERT I.5 J. KOBS LAND SURVEYOR S.E. COP. SEC. 10, T.SN. 2.12E No. 14097 (P.K. NAK. & BASS . MONTE AL GUST.) SE COR OF HOE - NAI - 13232 DENALW DE POLE NE-3823 NU SURVEYING NO-D

1975 MACIMER PUSD

JUNEO BUILDING VEN

החדק.פחק

REGISTERED LAND SURVEYOR No. 14097

≕j, --

### Certificate of Survey

### 1003021 mg 140

PROPERTY DESCRIPTION

A537531 FOR MARTY MELOCHE

SCALE 1 = 2001

A PARGEL OF LAND LOGATED IN AND SEING A PART OF THE WEST HALF OF THE NORTHWEST 1/4 of Section 14, Town 5 North, Range 12 East, Bruce Township, Macome County, MICHIGAN, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCING AT THE NORTHWEST CORNER OF SAID SECTION 14; THENCE SOUTH O DEGREES 51 MINUTES 44 SECONDS EAST 331.20 FEET ALONG THE WEST LINE OF SAID SECTION 14; THENCE NORTH 89 DEGREES 21 MINUTES 30 SECONDS EAST 1317.46 FEET; THENCE NORTH 01 DEGREES 08 MINUTES 32 SECONDS WEST 331.22 FEET; THENCE SOUTH 89 DEGREES 21 MINUTES 30 SECONDS WEST 1315.84 FEET TO THE POINT OF BEGINNING, CONTAINING 10.010 ACRES OF LAND. SUBJECT TO THE RIGHTS OF THE PUBLIC IN VAN DYKE ROAD AND ANY EASEMENTS OF RECORD.

NOTE: BEARINGS RELATE TO SURVEY AS RECORDED IN LIBER 2601, PAGE 575, MACOMB COUNTY RECORDS.

R= RECORDED M= MEASURED C= CALCULATED

SET 1/2" IRON BARS 18" LONG WITH CAPS STAMPED (R.L.S. 14097) AT POINTS MARKED THUS: 0

RECORDED IN MACOMB COUNTY RECORDS AT: a,35 P.M.

00T24 1978

N.W.COR. SEC. 14 T. 5N. P.IZE. (PKNAIL & BRASS WASHER IN PAUT. S.E. COR. HOUSE-N.W.-124.32' P.K. NAIL IN D.E. POLE-N.E.-38.23' N.E. COR. BLK. BLOG. - S.W. - 154.09

33.0'

8

2580.

N89°21'30'E

I HEREBY CERTIFY THAT I HAVE SURVEYED THE PARCEL OF LAND DESCRIBED AND DELINEATED HEFEON; THAT SAID SURVEY WAS PERFORMED WITH A RELATIVE ERROR OF CLOSURE OF 1 IN 88501; AND THAT I HAVE FULLY COMPLIED WITH THE REQUIREMENTS OF SECTION 3, ACT 132, P.A. 1970.

HERBERT J. KOBS

REGISTERED LAND SURVEYOR

No. 14097





KOBS LAND SURVEYING

1925 BREWER ROAD

ROMEO, MICHIGAN

752-2700



### Certificate of Survey m3021 mm149

ELMLA	NOS F	CEALT	V
FOR (C	LARK	PROP	PERT
DATE .	JULY	17:	197
JOB #.	260	78	
		100	9
SCALE	1 ""	100	-
SHEET	1 0	F 1_	

#### DESCRIPTION PROPERTY

A PARCEL OF LAND LOGATED IN AND BEING PART OF THE EAST HALF OF THE NORTHEAST QUARTER OF SECTION 15, TOWN 5 NORTH, RANGE 12 EAST, BRUCE TOWNSHIP, MACOME COUNTY, MICHIGAN, AND SEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCING AT A POINT 100.0 FEET NORTH OT DEGREES 41 MINUTES 30 SECONDS EAST OF THE EAST QUARTER CORNER OF SAID SECTION 15, AND THENDE EXTENDING NORTH 88 DEGREES 10 MINUTES 30 SECONDS WEST 660.0 FEET; THENCE NORTH 01 DEGREES 41 MINUTES 30 SECONDS EAST 100.0 FEET; THENCE SOUTH 88 DEGREES 10 MINUTES 30 SECONDS EAST 660.0 FEET; THENCE SOUTH 01 DEGREES 41 MINUTES 30 SECONDS WEST 100LO FEET TO THE POINT OF SEGINNING, CONTAINING 1.515 ACRES OF LAND. SUBJECT TO THE RIGHTS OF THE PUBLIC AND OF ANY GOVERNMENTAL UNIT IN ANY PART THEREOF TAKEN, USED OR DEEDED FOR STREET, ROAD OR HIGHWAY PURPOSES.

NOTE: BEARINGS RELATE TO DESCRIPTION OF RECORD FOR DELINEATED PARCEL.

> SET 1/2" IRON BARE 18" LONG WITH CAPS STAMPED (R.L.S. 14097) AT POINTS MARKED THUS! 6

R= RECORDED M= MEASURED

RECORDED IN MACOMB COUNTY RECORDS AT: 2.35PM.

OCT 24 1978

na Wall CLERK - REGISTER OF DEEDS MACOMB COUNTY, MICHIGAN

N.E. COP. SEC. 15, T. SN., R. 126. (P.K. NAIL & BRASS WASHER IN PAUT.) S.E.Cal. HOWE - N.W. -124.32' P.K. NAK IN D.E., OOLE - N.E. -38.23' N.E. COR. BLK. BLOG. - J.W.-154.09'

IRON

I HEREBY CERTIFY THAT I HAVE SURVEYED THE PARCEL OF LAND DESCRIBED AND DELINEATED HEREON; THAT SAID SURVEY WAS PERFORMED WITH A RELATIVE ERROR OF GLOSURE NO GREATER THAN 1 IN 5,0001; AND THAT I HAVE FULLY COMPLIED WITH THE REQUIREMENTS OF SECTION 3, ACT 132, P.A. 1970.

REGISTERED LAND SURVEYOR No. 14097



NO D

KOBS LAND SURVEYING

1926 BREWER ROAD

ROMEO, MICHIGAN

752-2700



### Certificate of Survey

### 1883021 no 157

### 1537548

FOR DOROTHY Moss
DATE JUNE 5, 1978
JOB # 228-78
SCALE 1"= 150"
1 0 1

PROPERTY DESCRIPTION'S

PARCEL A: A PARCEL OF LAND LOCATED IN AND BEING A PART OF THE SOUTHEAST 1/4 OF SECTION 10, Town 5 North, Range 12 East, Bruce Township, Macomb County, MICHIGAN, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCING AT THE EAST 1/4 CORNER OF SAID SECTION 10; THENCE NORTH 89 DEGREES 22 MINUTES WEST 330.00 FEET ALONG THE EAST AND WEST 1/4 LINE OF SAID SECTION 10; THENCE SOUTH 330.00 FEET; THENCE SOUTH 89 DEGREES 22 MINUTES EAST 330.00 FEET; THENCE NORTH 330.00 FEET ALONG THE EAST LINE OF BAID SECTION 10 to the point of beginning, containing 2.500 acres of LAND. Subject to THE RIGHTS OF THE PUBLIC AND OF ANY GOVERNMENTAL UNIT IN ANY PART THEREOF TAKEN, USED OR DEEDED FOR STREET, ROAD OR HIGHWAY PURPOSES.

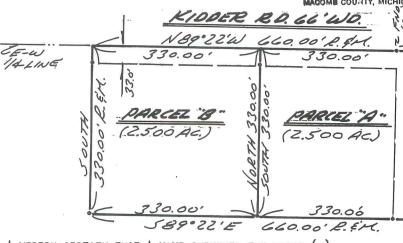
PARCEL B: A PARCEL OF LAND LOCATED IN AND BEING A PART OF THE SOUTHEAST 1/4 OF SECTION 10. TOWN 5 NORTH, RANGE 12 EAST, BRUCE TOWNSHIP, MACOMB COUNTY, MICHIGAN, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCING AT A POINT ON THE EAST AND WEST 1/4 LINE OF SAID SECTION 10, IT BEING 330.00 FEET NORTH 89 DEGREES 22 MINUTES WEST FROM THE EAST 1/4 CORNER OF SAID SECTION 10; THENCE EXTENDING NORTH 89 DEGREES 22 MINUTES WEST 330.00 FEET ALONG BAID EAST AND WEST 1/4 LINE; THENCE SOUTH 330.00 FEET; THENCE South 89 DEGREES 22 MINUTES EAST 330.00 FEET; THENCE NORTH 330.00 FEET TO THE POINT OF BEGINNING, CONTAINING 2.500 ACRES OF LAND. SUBJECT TO THE RIGHTS OF THE PUBLIC AND OF ANY GOVERNMENTAL UNIT IN ANY PART THEREOF TAKEN, USED OR DEEDED FOR STREET, ROAD OR HIGHWAY PURPOSES.

NOTE: BEARINGS RELATE TO DESCRIPTION OF RECORD FOR DELINEATED PARCEL.

> SET 1/2" IRON BARS 18" LONG AT POINTS MARKED THUS: 0

RECORDED IN MACOMB COUNTY RECORDS AT: 3.35 & M. R= RECORDED OCT 24 1978

ma ke ERK - REGISTER OF DEEDS MACOMB COUNTY, MICHIGAN



I HEREBY CERTIFY THAT I HAVE SURVEYED THE PARCEL(8) OF LAND DESCRIBED AND DELINEATED HEREON; THAT SAID SURVEY WAS PERFORMED WITH A RELATIVE ERROR OF CLOSURE OF 1 IN. 11,125'; AND THAT I HAVE FULLY COMPLIED WITH THE REQUIREMENTS OF SECTION 3, ACT 132, P.A. 1970.

HERBERT J. KOBS

REGISTERED LAND SURVEYOR

No. 14097

S.E. COR. SEC. 10, T. 5N. R.12E (P.K. NAK & WASHER IN PAUT. S.E. COR. HOUSE - N.W - 124.32

P.K. NAIL IN D.E. POLE - N.E. -38.23 N.E. COR. BLK. BLOG. - S.W. - 154.09'

HERBERT J. KOBS ND SURVEYOR PED LAND



KOBS LAND SURVEYING

1925 BREWER ROAD

ROMEO, MICHIGAN

752-2700

60,0'



Certificate of Survey A55 FOR DAVID R. MER 3062 MES DATE Nov. 8, 1978 JOB # 369-78 DIVISION OF THE SOUTH 15 ACRES OF THE REST HALF OF THE NORTHWEST 1/4 OF SECTION 14, SCALE. TOWN 5 NORTH, RANGE 12 EAST, BRUCE TOWNSHIP, SHEET. MACOMB COUNTY, MICHIGAN. NOTE: BEARINGS RELATE TO SURVEY AS RECORDED IN LIBER 2811, PAGE 755, MACOMB COUNTY RECORDS. SET 1/2" IRON BARS 18" LONG WITH CAPS STAMPED (R.L.S. 14097) AT POINTS MARKED THUS: 0 R= KICORDED M= MEASURED 33.0 N89°08'55"W WEST 1/4 COR SEC 14, T. 5N. 2.12E. CEN. COR SEC. 14 T. 5N. R.12E. (12" IRON BAR) (12" IRON BAR) NAIL & WASHER IN 30 MAPLE-NUL-3292' NAIL & WASHER IN 14" WAK - N.W. -64.43" NAIL & WASHER IN 40 MADLE-WEST-34.06' NAIL & WASHER IN 12 POPLAR - N.E-7332' NAIL & WASHER IN D.E. DOLE - S.E. - 54.40' NAU GWASHER IN O.E. - POLE - N.E. - 43.39' I HEREBY CERTIFY THAT I HAVE SURVEYED THE PAROEL(8) OF LAND DESCRIBED AND DELINEATED HEREON; THAT SAID SURVEY WAS PERFORMED WITH A RELATIVE ERROR OF GLOSURE NO GREATER THAN 1 IN 5,000"; AND THAT I HAVE FULLY COMPLIED WITH THE REQUIREMENTS OF SECTION 3, ACT 132, P.A. 1970. RECORDED IN MACO**MB COUNTY** RECORDS AT: 10:, 40 A. M. REGISTERED LAND SURVEYOR JAN3 1 1979 No. 14097 TOMEN CAMERO 1000 DERINGS DO

### SURVEY FOR BRU

R =RECORDED

C = CALCULATED

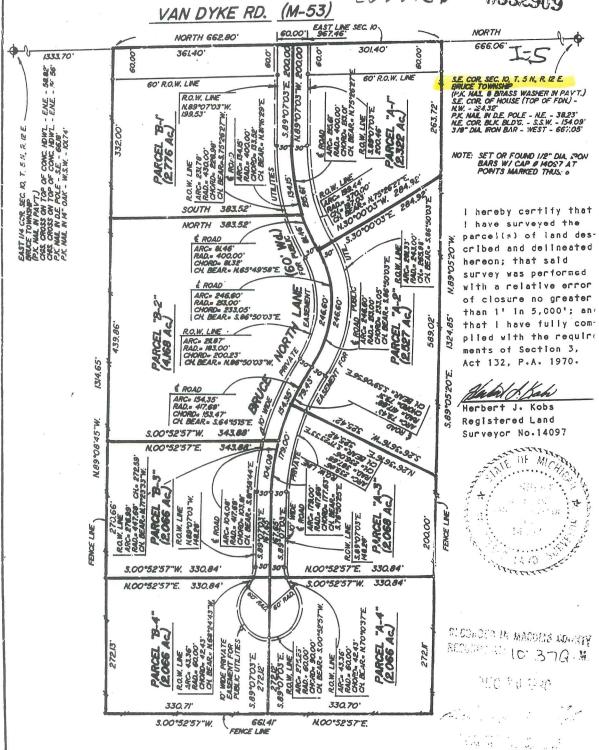
NOTE: BEARINGS RELATE TO DESCRIPTION OF RECORD FOR DEL!NEATED PARENT PARCELS.

BACKENSTOSE DATE JUNE 29, 1990 JOB. NO. 99-90 SHEET 1 of 4 -CHECKED BY W.S.A. DRAWN BY HJK.

PART OF THE S.E. 1/4 OF SECTION 10. TOWN 5 NORTH, RANGE 12 EAST, BRUCE TOWNSHIP, MACONB COUNTY, MICHIGAN.

2653.66

B532909



KOBS-KING & ASSOC. INC.

SURVEYING LAND PLANNING

B924456

CERTIFICATE

unn 05969M143

FOR ELMLANDS REALTY

DATE 11-12-92 MO NO. 452-92 SCALE | = 400 SHEET LOF I DRAWN OV ADR CHECKED BY DHK

200

55.853-ACRE PARCEL

A parcel of land located in the Southeast 1/4 of Section 10, Town 5 North, Range 12 East, Bruce Township, Macomb County, Michigan, and being more particularly described as follows: Commencing at the East 1/4 Corner of said Section 10; thence South 330.00 feet along the East line of said Section 10 to the point of beginning; thence extending South 1,003.78 feet; thence North 89 degrees U8 minutes 45 seconds West 1,314.65 feet; thence North 00 degrees 52 minutes 57 seconds East 4.94 feet; thence North 89 degrees 02 minutes 16 seconds West 676.47 feet; thence, North 00 degrees 24 minutes 16 seconds West 1,320.86 feet to the East-West 1/4 line of Section 10; thence South 89 degrees 20 minutes 33 seconds East 1,340.25 feet along the East-West 1/4 line of Section 10; thence South 330.00 feet (recorded) 330.28 feet (measured); thence South 89 degrees 22 minutes 00 seconds East 660.00 feet to the point of beginning, containing 55.853 acres of land.

Subject to the rights of the public in Van Dyke Avenue (M-53). Reserving easements HA LINE BEC. 10 3. 89° 20' 33° E. 2674JT TOTAL 673.9 660.00' (R&M) 89° 22' 00" E 55.853 AC. DYKE VE ALCH JEB IN 302-74 32 ST VAN 96 71.00 266LES' TOTA N. 87° 32 17' W. 36 MILE ROAD (66' WD.) OF BICE 93 AUG 11 AM 10: 57 KING CARMELLA SABAUGH REGISTER OF DEEDS MACOMB COUNTY, MI No.

()

### **CERTIFICATE OF SURVEY**

C0702909 LIBER: 08044 PAGE: 92: CARMELLA SABAUGH-MACOMB COUN. 1:39A 05/11/1998 MI REG/DEEDS

#### PARCEL "1"

A parcel of land located in the Southwest 1/4 of Section 11, Town 5 North, Range 12 East, Bruce Township, Macomb County, Michigan, and being more particularly described as follows: Commencing at the Southwest Corner of said Section 11; thence North 01 degrees 38 minutes 06 seconds East 496.88 feet along the West line of Section 11; thence North 89 degrees 43 minutes 17 seconds East 431.55 feet to the point of beginning; thence extending North 89 degrees 43 minutes 17 seconds East 199.25 feet; thence North 01 degrees 38 minutes 06 seconds East 421.42 feet; thence North 11 degrees 46 minutes 13 seconds East 387.86 feet to the centerline of East Ridge Drive; thence North 72 degrees 44 minutes 39 seconds West 277.65 feet along the centerline of East Ridge Drive; thence South 01 degrees 38 minutes 06 seconds West 884.64 feet to the point of beginning, containing 4.216 acres of land.

Subject to and reserving easements of record. Also subject to a ten-feet-wide private easement for public utilities adjoining and lying outside of the right-of-way line for East Ridge Drive (a 60-feet-wide private road). Also, together with and subject to an easement for East Ridge Drive for right of ingress, egress and utilities, it being more particularly described following.

#### PARCEL "2"

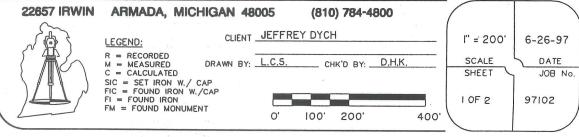
A parcel of land located in the Southwest 1/4 of Section 11, Town 5 North, Range 12 East, Bruce Township, Macomb County, Michigan, and being more particularly described as follows: Commencing at the Southwest Corner of said Section 11; thence North 01 degrees 38 minutes 06 seconds East 496.88 feet along the West line of Section 11; thence North 89 degrees 43 minutes 17 seconds East 630.80 feet to the point of beginning; thence extending North 89 degrees 43 minutes 17 seconds East 309.19 feet; thence North 01 degrees 38 minutes 06 seconds East 725.59 feet to the centerline of East Ridge Drive; thence North 72 degrees 44 minutes 39 seconds West 250,00 feet along the centerline of East Ridge Drive; thence South 11 degrees 46 minutes 13 seconds West 387.86 feet; thence South 01 degrees 38 minutes 06 seconds West 421.42 feet to the point of beginning, containing 5.176 acres of land.

Subject to and reserving easements of record. Also subject to a ten-feet-wide private easement for public utilities adjoining and lying outside of the right-of-way line for East Ridge Drive (a 60-feet-wide private road). Also, together with and subject to an easement for East Ridge Drive for right of ingress, egress and utilities, it being more particularly described following.

Bearings relate to Survey and Descriptions for Francis L. Flore, Job Number 152-89A, as performed by Herbert J. Kobs, Licensed WEST I/4 COR. SEC. II, T. 5 N., R.I2 E. ( P.K. NAIL IN PAVT ) Land Surveyor. CHIS, CROSS ON TOP OF CONC, HDW'L - E.N.E. - 58.82' CHIS, CROSS ON TOP OF CONC, HDW'L - E.N.E. - 50.56' P.K. NAIL IN D.E. POLE - S.E. - 66.16' P.K. NAIL IN 14" OAK - W.S.W. - 101.74' EAST RIDGE DRIVE 2662.56' (RBM) 10' WIDE PRIVATE EASE AMEVALE GAS CO. AKEVILLE GAS CO. ENT FOR PUBLIC UTILITIES 884.64' (RBM) (60' WIDE EASEMENT) (30: WIDE EASEMENT) WEST LINE SECTION !! VAN DYKE ROAD (120' WIDE) N. 89° 03' 04" F MICHIE 0 F S. 87° 47' 57" E. N. 44° 56' II" 70.01' 725.59° ( (TOTAL) SET N. 72° 35' 58" E. 126,47' DONALD H AREA" KING SET AND LAND WETL SURVEYOR No 30085 PARCEL 2 PARCEL I 90 **5.176 ACRES** PIONAL **4.216 ACRES** .90 OF 38 38. 38 \$ 00 0 -90 38 N. 89° 43' 17" E. I hereby certify that I have surveyed the parcel(s) of 199.25 309.19 ö land described and delineated hereon; that said Survey 82 431.55' (RAM) FOUND N. 89° 43' 17" E. 508.45 (R) was performed with an error of closure no greater IRON: W/ CAP #30085 508,44'(M) than I in 5000; and that I have complied with the regularments of Section 3. Act 132, P.A. 1970.

Donald H. King

DONALD H. KING SOUTHWEST COR, SEC. IL T. 5 N., R. 12 E. FIX. NAIL & BRASS WASHER IN PAVTJ
S.E. COR, HOUSE (TOP OF FDNJ - N.W. - 124.32'
P.K. NAIL IN D.E. POLE - N.E. - 38.23'
N.E. COR, BLOCK BLD'G. - S.S.W. - 154.09'
3/8" IRON BAR - S. 89" 24' 12" W. - 667.05' PROFESSIONAL SURVEYOR MICHIGAN LICENSE No. 30085



PART OF THE DUTHWEST 1/4 OF SECTION 11, TOWN 5 NC 1, RANGE 12 EAST, BRUCE TOWNSHIP, MACOMB COUNTY, MICHIGAN. PART OF THE

NOTE: BEARINGS RELATE TO A SURVEY RECORDED IN LIBER 4924, PAGE 676, MACOMB COUNTY, RECORDS.



I hereby certify that I have surveyed the parcel(s) of land described and delineated hereon; that said Survey was preformed with an error of closure no greater than 1 in 5000; and that I have compiled with the requirements of Section 3, Act 132, P.A. 1970 as ammended.

DONALD H. KING PROFESSIONAL SURVEYOR MICHIGAN LICENSE No.30085

A title search was not performed by the Client for purposes of this Survey. Therefore, no guarantee is made that any easements and/or rights of way recorded or otherwise, are shown on this Certificate of Survey. NOTE:

This Survey and corresponding Legal Descriptions are subject to Municipal Approval reguarding buildable area on parcel 1 and local ordances.

IRWIN ROAD ARMADA, MI 48005 (810) 784-4800



SURVEYORS & ASSOC., INC

LEGEND

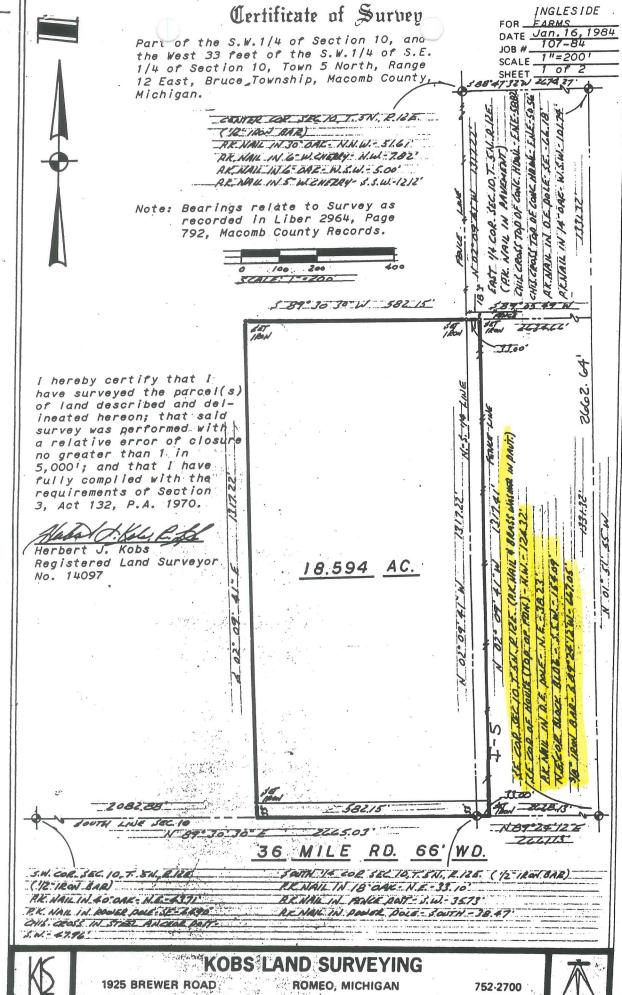
CLIENT

= RECORD
= MEASURED
= CALCULATED
: = SET IRON WITH CAP
= FOUND IRON WITH CAP
= FOUND IRON
= FOUND MONUMENT R M C SIC FIC 000 000

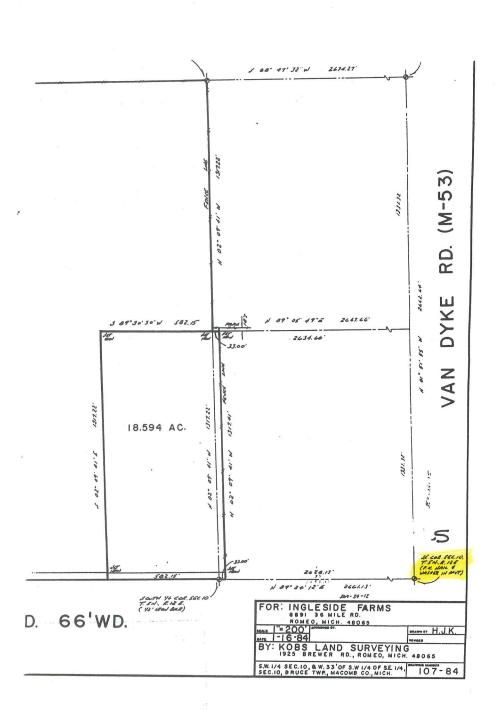
MIKE GALAZKA

J.G. CHECKED BY D.H.K. DRAWN 0 75 150 300

1'' = 1501-21-98 SCALE SHEET JOB No. 1 OF 2 98011







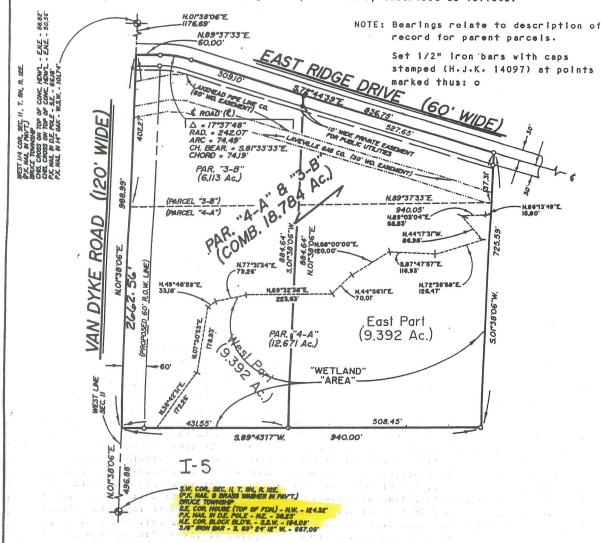
### CERTIFICATE OF SURVEY

100, 500, 400.

M =MEASURED
R =RECORDED
C =GALCULATED

DESCRIPTION PARCEL 4-A & 3-B COMBINED:

A parcel of land located in and being a part of the S.W.1/4 of Section 11, Town 5 North, Range 12 East, Bruce Township, Macomb County, Michigan, and being more particularly described as follows: Commencing at a point on the West line of said Section 11, it being 496.88 feet North 01 degree 38 minutes 06 seconds East from the Southwest corner of sald Section 11; thence extending North 01 degree 38 minutes 06 seconds East 988.99 feet along said West line of Section 11; thence North 89 degrees 37 minutes 33 seconds East 60.00 feet; thence 74.49 feet along the arc of a curve concave to the Southwest (Radius= 242.07 feet) whose chord is described as bearing South 81 degrees 33 minutes 33 seconds East 74.19 feet; thence South 72 degrees 44 minutes 39 seconds East 836.75 feet; thence South 01 degree 38 minutes 06 seconds West 725.59 feet; thence South 89 degrees 43 minutes 17 seconds West 940.00 feet to the point of beginning, containing 18.784 acres of land. Subject to the rights of the public in Van Dyke Road (M-53) and any easements of record. ALSO, Subject to a 10 foot wide private easement for public utilities adjoining and lying outside of right of way line for East Ridge Drive (A 60 foot wide private road). ALSO, Together with and subject to an easement for East Ridge Drive for right of ingress and egress and utilities, it being more particularly described as follows:



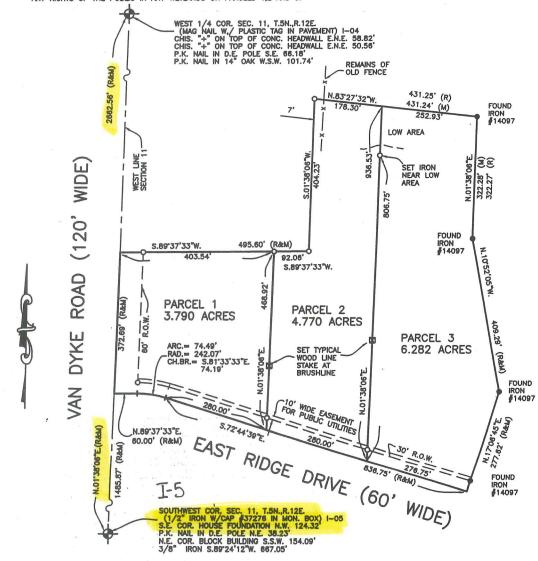
I hereby certify that I have surveyed the percet(s) of land described and delineated hereon; that said Survey was performed with an error of closure no greater than I in 5,000; and that I have fully compiled with the requirements of Section 3, Act 132, P.A. 1970.

HERBERT J. KOBS
REGISTERED LAND SURVEYOR
MICHIGAN LICENSE NO.14097

## DIVISION OF PART OF & SOUTHWEST 1/4 OF SECTION 11, TOWN 5 NORTH, RANGE 12 EAST, BRUCE TOWNSHIP, MACOMB COUNTY, MICHIGAN NOTE: BEARINGS RELATE TO A SURVEY DONE BY HERBERT J. KOBS FOR FRANCIS FOIRE JOB NO. 152-89 ON MARCH 19, 1990

CERTIFICATE OF SURVEY

NOTE: PARCELS 1,2 AND 3 CONTAIN WETLAND AREAS. CONTACT THE MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY, WETLANDS EXPERTS AND ANY GOVERNING ADJENCIES TO DETERMINE IF PARCELS 1,2 AND 3 ARE BUILDABLE, ALSO CONTACT TITLE COMPANY TO DETERMINE ANY RIGHTS OF THE PUBLIC IN ANY WETLANDS ON PARCELS 1,2 AND 3.



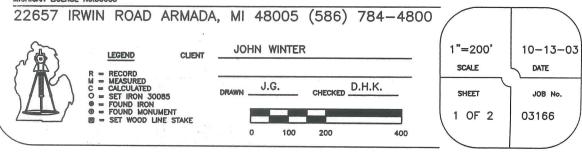
I hereby certify that I have surveyed the parcel(s) of land described and delineated hereon; that said Survey was preformed with an error of closure no greater than 1 in 5000; and that I have complied with the requirements of Section 3, Act 132, P.A. 1970 as ammended.

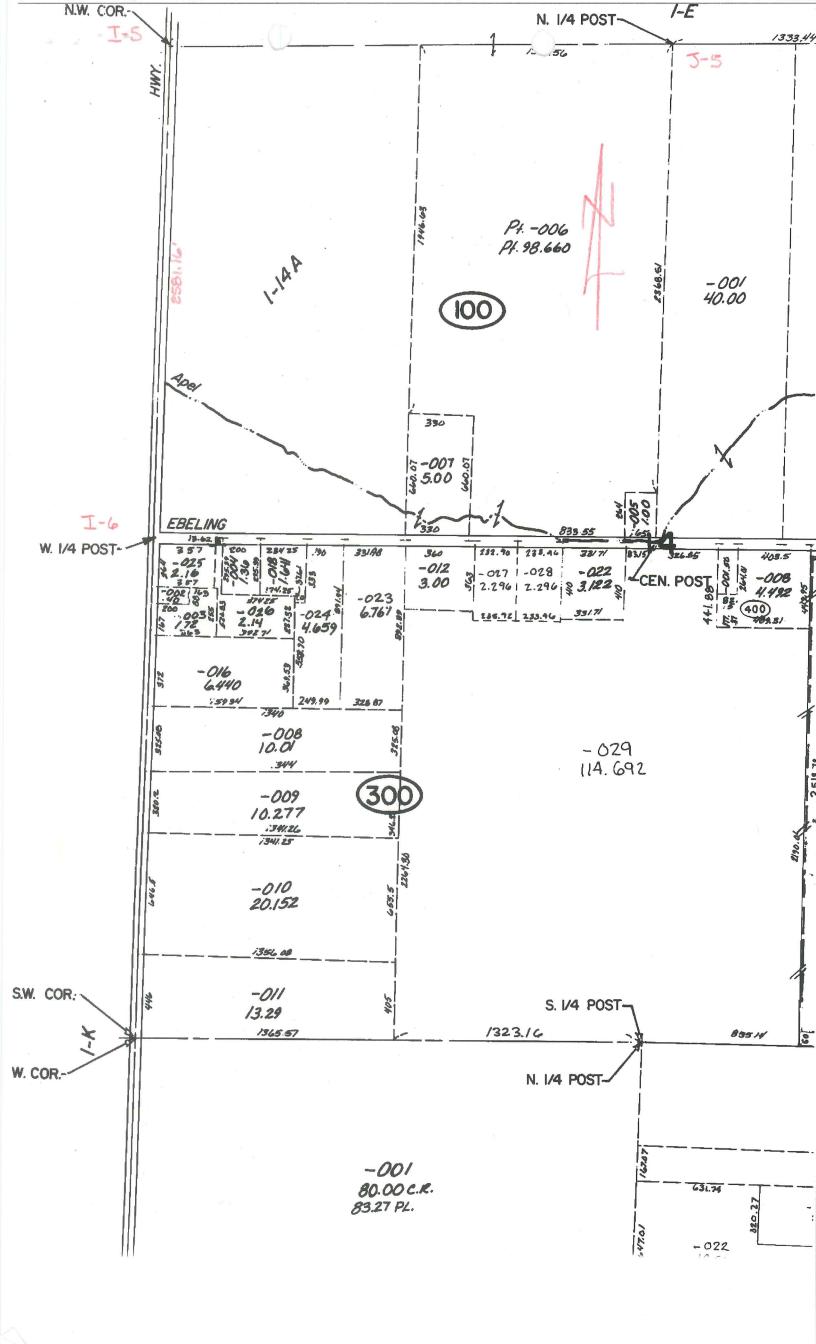
Donald

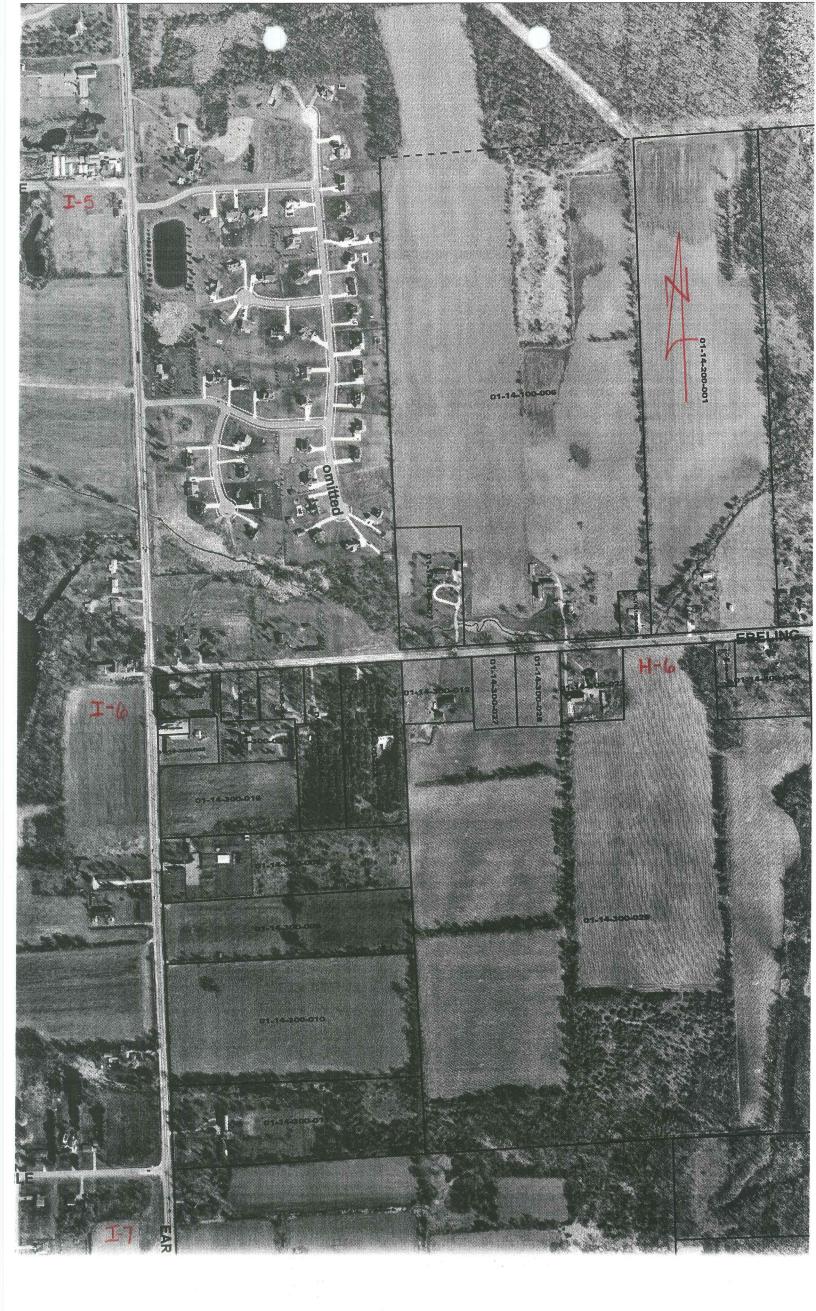
DONALD H. KING PROFESSIONAL SURVEYOR MICHIGAN LICENSE No.30085

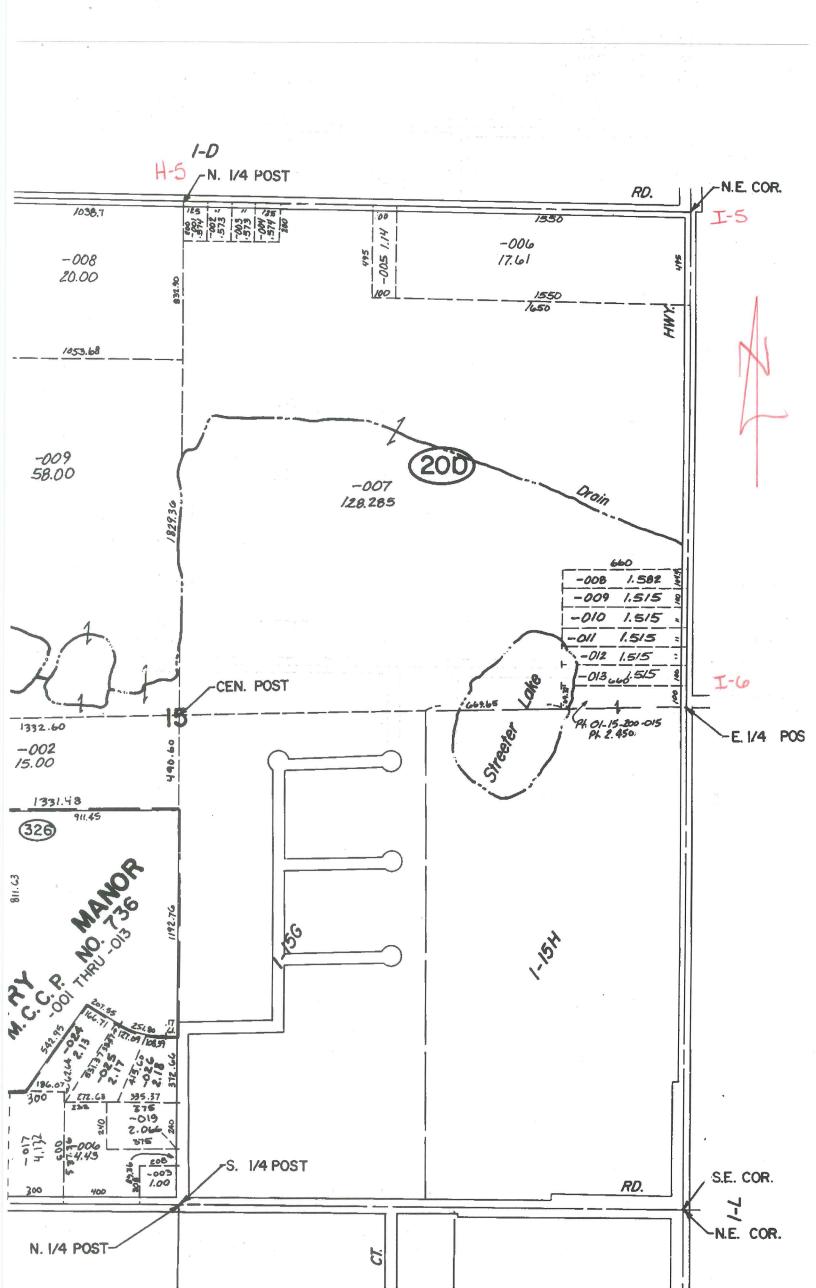
NOTE: A title search was not performed by the Client for purposes of this Survey. Therefore, no guarantee is made that any easements and/or rights of way recorded or otherwise, are shown on this Certificate of Survey.

This Survey and corresponding Legal Descriptions are subject to municapal approval, state division laws and local ordinances. Parts of this drawing may not be drawn to scale for clarity purposes

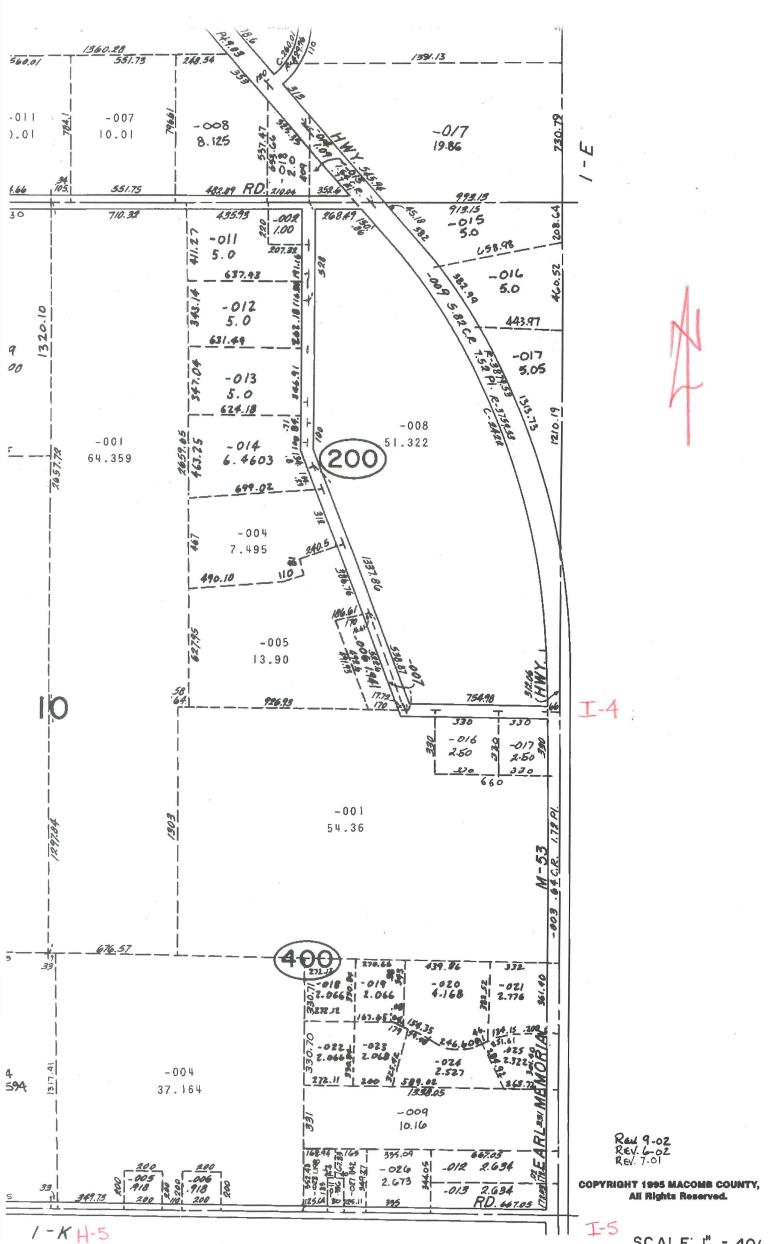




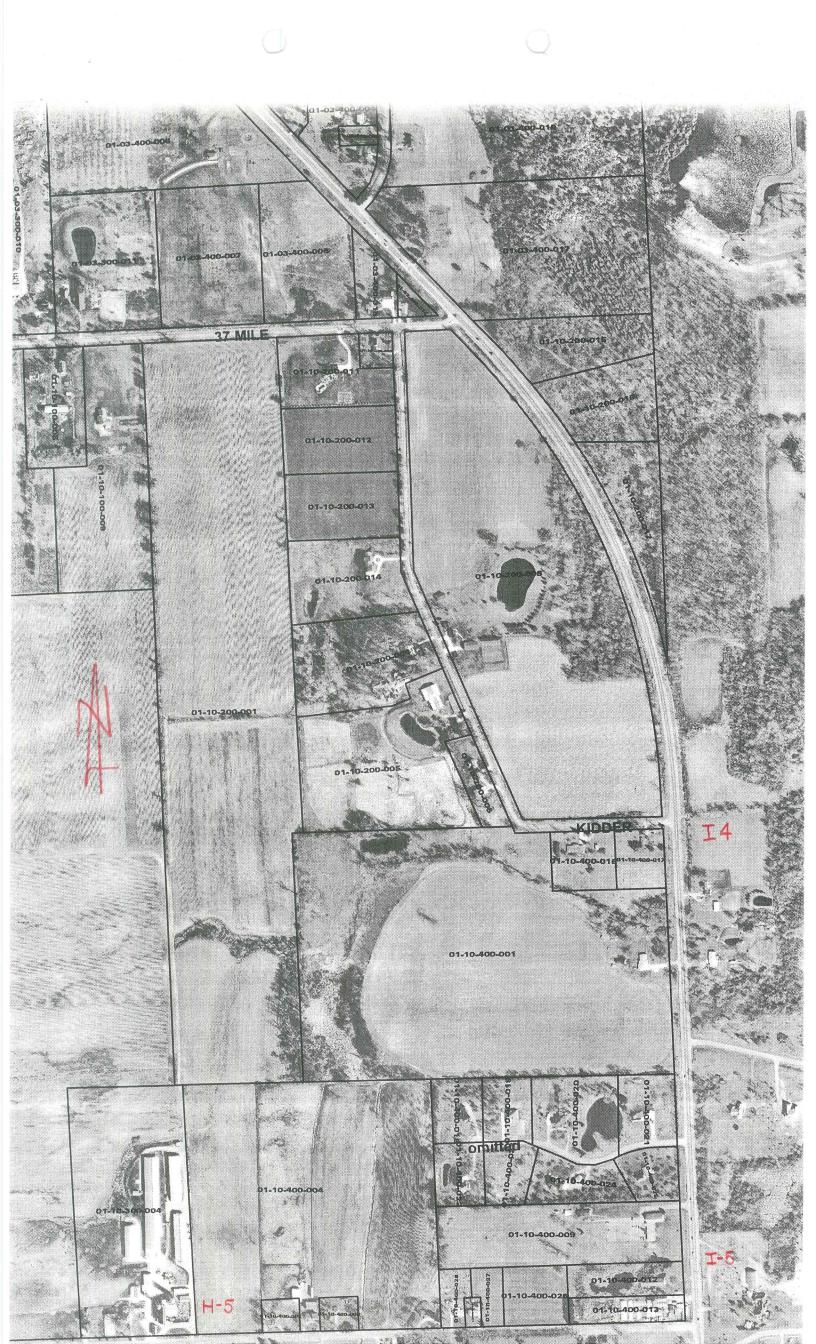


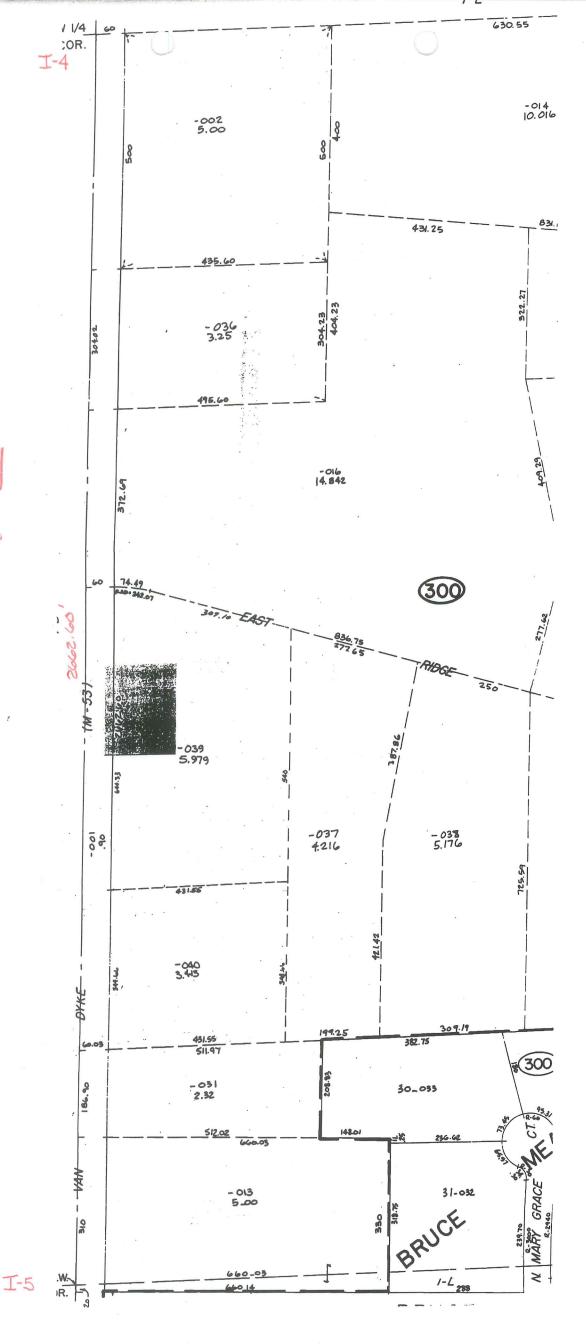


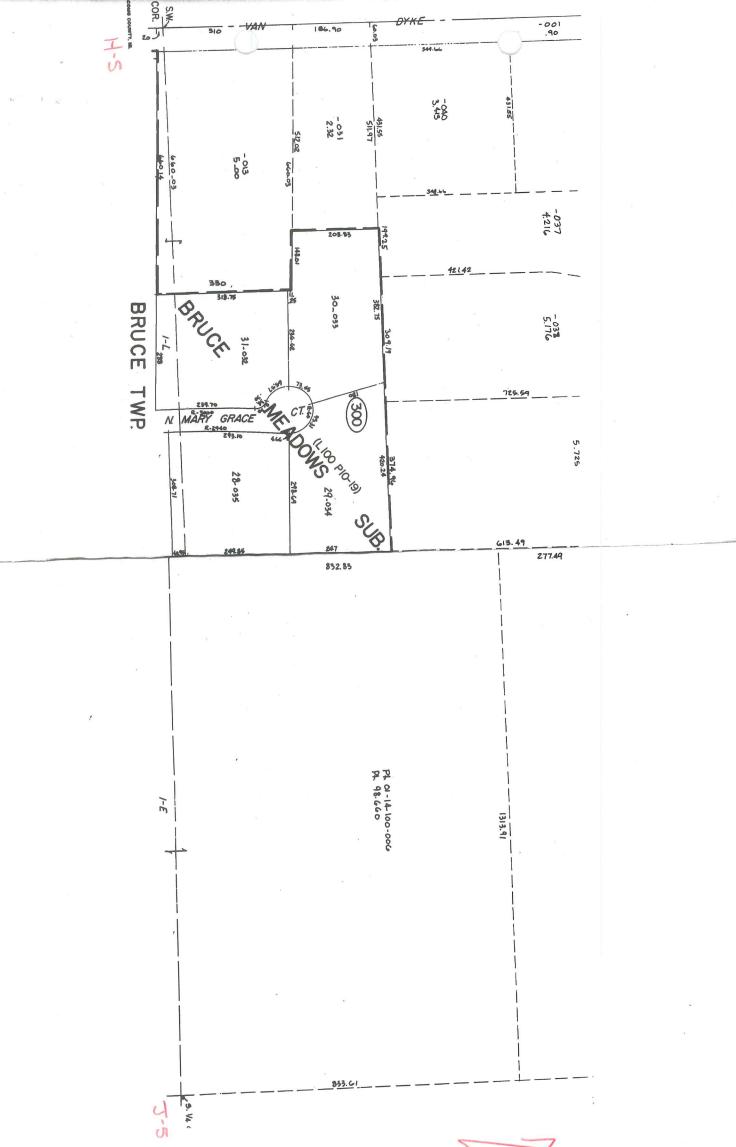




SCALE: 1" = 400







Z



