

2004

**MACOMB COUNTY REMONUMENTATION
PROGRAM FOR BRUCE TOWNSHIP**

Research Dossier for I-7

*Add Indian Hills
Sub'n*

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





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

For corners in

Macomb (County)	Located In: Bruce Township	Corner Code #
1. Public Land Survey	T 5N R 12E I-7	
	T _____ R _____	
	T _____ R _____	
	T _____ R _____	
2. Property Controlling in Section	S _____ T _____ R _____	
	S _____ T _____ R _____	
3. Miscellaneous Property in Sec.	S _____ T _____ R _____	
	S _____ T _____ R _____	

4105683
LIBER 15370 PAGE 764
05/05/2004 04:18:17 P.M.
MACOMB COUNTY, MI
CARMELLA SABAUGH, REGISTER OF DEEDS

SEAL

Register of Deeds Stamp & File Number

4. Lot No. _____, Recorded Plat _____
5. Private Claims _____

	A	B	C	D	E	F	G	H	I	J	K	L	M
1													
2		6		5		4		3		2		1	
3													
4		7		8		9		10		11		12	
5													
6		18		17		16		15		14		13	
7									19				
8		19		20		21		22		23		24	
9													
10		30		29		28		27		26		25	
11													
12		31		32		33		34		35		36	
13													

I, Huston K. Kennedy, in a field survey on January 9, 2004 do hereby state that under requirements of P.A. 74, Michigan P.A. of 1970, the corner points mentioned in lines 1 and 2 above were in conformance with regulations and rules therefore as required in the current manual of survey instructions of the United States Department of the Interior, Bureau of Land Management or by a decree of a Court of Law and/or that the corner points mentioned in lines 3, 4 and 5 above were in conformance with the rules of the Michigan Board of Land Surveyors or by a Decree of a Court of Law; established, re-established, monumented, recovered, found as expressed below:

NOTE: Not more than 2 corners, all in the same town and range, may be recorded on this certificate.

A. Description of original monument and accessories and/or subsequent restoration:

1817-Wampler, D.S.; Set post 4" Aspen N48°W 27 Links; 20" White Oak S63°E 55 Links
1) 1975-Hooth, PS #7796; LCRC L. 2643, Pg 106 – Fnd PK Nail in center of M-53 and placed a monument box with a 5/8" Iron Rod at corner.

Cont. on back side LCRC

B. Description of corner evidence found and/or method applied in restoring or reestablishing corner:

2004-Kennedy Surveying, Inc. – Kennedy, PS #17623 – Fnd a 5/8" Iron rod w/brass cap in a monument box located in the existing center line of M-53 (Van Dyke Road) extending to the North and South, which has a bituminous surface. Also, 9' North of existing center line of 35 Mile Road extending to the West, which has a bituminous surface and an old fence/tree row extending to the East.

The monumentation found in "INDIAN HILLS ESTATE SUBDIVISION", as recorded in Liber 32, Pages 5 and 6, also "ROMEO DELS SUBDIVISION", as recorded in Liber 39, Page 3 of Macomb County Records closely verifies the position of I-7.

Witnesses from LCRC # 1, 2 and Certificate of Survey #3 & 12 and Unrecorded Survey #14 was used to recover and verify the location of the found 5/8" Iron Rod w/ Brass Cap in a monument box

I accepted the found 5/8" Iron Rod w/ Brass Cap in a monument box as the best evidence of the corner position as being perpetuated.

Field Measurements Between Corners see back side LCRC

C. Description of monument for corner and accessories established to perpetuate locating the position of the corner I-7 I replaced the found 5/8" Iron Rod w/ Brass Cap with a 3/4" x 24" Iron Rod w/2" diameter aluminum cap stamped "Macomb County Monument, MI Act #345, PS #17623" in an existing monument box
N10°W 175.20' Set Mag Nail & Remon Washer Top South Guard Rail Post
N20°E 102.70' Set Mag Nail & Remon Washer W face Power Pole
S30°E 64.21' Set Mag Nail & Remon Washer SW face Power Pole
S51°W 90.72' Set Mag Nail & Remon Washer SE face Power Pole



The selected location is accepted by me and is generally accepted by Professional Surveyors as the best available evidence of the position of the corner as being perpetuated.

Signed by: [Signature] Date April 30, 2004

Surveyor's Michigan License No.: 17623

ACCEPTED BY THE MACOMB COUNTY SURVEY PEER GROUP AS THE OFFICIAL CORNER UNDER MICHIGAN PUBLIC ACT 345 OF 1990 AT A MEETING HELD ON 4/13/04

[Signature]
MARTIN C. FINN, P.E. CHAIRMAN

Town 5 North, Range 12 East, Bruce Township (I-7)

Liber 015370 Page 00765

Section "A" Cont.

- 2) 2000-Field, PS #37276; LCRC L. 9588, Pg. 330 – Fnd Rerod w/Brass Cap in monument box at M-53 and 35 Mile Road
- 3) 1974-Kobs, PS #14097; Survey L. 2499, Pg. 403 – Fnd PK Nail in center line of pavement
- 4) 1974-Kobs, PS #14097; Survey L. 2534, Pg. 441 – Fnd PK Nail in center line of pavement, used same wit as 1974 Survey
- 5) 1975-Kobs, PS #14097; Survey L. 2560, Pg. 114 – Fnd PK Nail in center line of pavement, used same wit as 1974 Survey
- 6) 1978-Kobs, PS #14097; Survey L. 2829, Pg. 348 – Fnd Iron in monument box, used same wit as 1974 Survey
- 7) 1978-Kobs, PS #14097; Survey L. 3021, Pg. 198 – Fnd Iron in monument box, used same wit as 1974 Survey
- 8) 1979-Kobs, PS #14097; Survey L. 3162, Pg. 628 – Fnd Iron in monument box, used same wit as 1974 Survey
- 9) 1982-Kobs, PS #14097; Survey L. 3421, Pg. 533 – Fnd Iron in monument box, used same wit as 1974 Survey
- 10) 1982-Kobs, PS #14097; Survey L. 3421, Pg. 564 - Fnd Iron in monument box, used same wit as 1974 Survey
- 11) 1991-Kobs, PS #14097; Survey L. 5082, Pg. 047 - Fnd Iron in monument box, used same wit as 1974 Survey
- 12) 1993-King, PS #30085; Survey L. 5831, Pg. 247 – Fnd PK Nail in pavement
- 13) 1997-King, PS #30085; Survey L. 7433, Pg. 467 - Fnd Iron in monument box, used same wit as 1974 Survey
- 14) 2001-Avey, PS #30076; Unrecorded survey – Object found not stated
- 15) 1955 "INDIAN HILLS ESTATES SUBDIVISION" L. 32, Pgs. 5-6
- 16) 1957 "ROMEO DELS SUBDIVISION" L. 39, Pg. 3

Section "B" Cont.

Field Measurements Between Corners

I-7 to I-6

GLO = 40 chains or 2640.00 Ft.

Surveys recorded in Liber 2560, Pg. 117 & Liber 3021, Pg. 198 = 2628.91 Ft.

Unrecorded survey by Warren C. Avey, PS #30076 on February 12, 2001 = 2628.83 Ft.

Macomb County Sidwell Map = 2627.65 Ft. West side

Macomb County Sidwell Map = 2628.78 Ft. East side

N02°26'39" West 2628.87 Ft. (m)

I-7 to I-8

GLO = 40 chains or 2640.00 Ft.

Macomb County Sidwell Map = 2652.78 Ft. (m)

"INDIAN HILLS ESTATES SUBDIVISION" = 2622.28 Ft. (cal)

S02°31'00" W 2651.48 Ft. (m)

I-7 to J-7

GLO = 40.21 chains or 2653.86 Ft.

Surveys recorded in Liber 2560, Pg. 117 = 2688.74 Ft.

Unrecorded survey by Warren C. Avey, PS #30076 on February 12, 2001 = 2688.86 Ft.

Macomb County Sidwell Map = 2688.73 Ft,

N86°21'12" E 2688.58 Ft. (m)

I-7 to H-7

GLO = 40.41 chains or 2667.06 Ft.

Survey recorded in Liber 3021, Pg. 198 = 2647.21 Ft.

Surveys recorded in Liber 3421, Pg. 533 & Liber 3421, Pg. 564 = 2647.22 Ft.

Survey recorded in Liber 7433, Pg. 467 = 2647.04 Ft.

Macomb County Sidwell Map = 2660.17 Ft.

S88°06'51" West 2647.30 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,
- i) 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.
- t) 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 Southwest corner of Section 14, Southeast corner Section 15 and Northeast corner Section 22 and Northwest corner Section 23.

WITNESSES: (Based upon Government Survey Records)

4" Aspen	N48°W	27 Links
20" White Oak	S63°E	55 Links

EXISTING CONDITIONS

The original government post has been obliterated and the witness trees have been destroyed. The corner has been perpetuated with a 5/8" Iron rod w/Brass Cap in a monument box located in the existing center line of M-53 (Van Dyke Road) extending to the North and South, which has a bituminous surface. Also, 9' North of existing center line of 35 Mile Road extending to the West, which has a bituminous surface with an old fence/tree row extending to the East.

The monumentation found in "INDIAN HILLS ESTATE SUBDIVISION", as recorded in Liber 32, Pages 5 and 6, also "ROMEO DELS SUBDIVISION", as recorded in Liber 39, Page 3 of Macomb County Records closely verifies the position of I-7.

LCRC AND RECORDED SURVEYS

Researching the Macomb County Records for Land Corner Recordation Certificates (LCRC) and Certificate of Survey shows Douglas W. Hooth, PS #7796, Michigan Department of State Highways & Transportation recorded a LCRC on December 12, 1975 and found PK Nail in center of M-53 and placed a monument box with a 5/8" Iron Rod at corner.

WITNESSES: (Based upon LCRC recorded in Liber 2643, Page 106 of Macomb County Records)

- *N85°E 36.38' Power Pole
- *S55°W 89.82' Power Pole
- *S29°E 64.50' Power Pole

Jonathan M. Field, PS #37276, recorded a LCRC on June 9, 2000 in Liber 9588, Page 330 of Macomb County Records. He found Rerod w/Brass Cap in monument box at M-53 and 35 Mile Road.

WITNESSES:

- *S45°W 27.835 m Nail w/Tag Power pole
- *East 11.090 m Nail w/Tag Power Pole
- *S40°E 19.672 m Nail w/Tag Power Pole
- *N20°E 31.239 m Nail w/Tag Power Pole

Herbert J. Kobs, PS #14097 recorded a Certificate of Survey on May 17, 1974 in Liber 2499, Pg. 403 of Macomb County Records. He found PK Nail in center line of pavement.

WITNESSES:

- *SW 89.82' Nail w/Washer D.E. Pole
- *NE 36.38' Nail w/Washer D.E. Service pole
- *SE 61.92' Nail w/Washer D.E. Pole

Herbert J. Kobs, PS #14097 recorded a Certificate of Survey on September 16, 1974 in Liber 2534, Pg. 441 of Macomb County Records. He found PK Nail in center line of pavement, used same witnesses as listed on the 1974 Certificate of Survey.

Herbert J. Kobs, PS #14097 recorded a Certificate of Survey on January 10, 1975 in Liber 2560, Pg. 114 of Macomb County Records. He found PK Nail in center line of pavement, used same witnesses as listed on the 1974 Certificate of Survey.

Herbert J. Kobs, PS #14097 recorded a Certificate of Survey on March 21, 1978 in Liber 2829, Pg. 348 of Macomb County Records. He found Iron in monument box, used same witnesses as listed on the 1974 Certificate of Survey.

Herbert J. Kobs, PS #14097 recorded a Certificate of Survey on June 20, 1978 in Liber 3021, Pg. 198 of Macomb County Records. He found Iron in monument box, used same witnesses as listed on the 1974 Certificate of Survey.

Herbert J. Kobs, PS #14097 recorded a Certificate of Survey on October 2, 1979 in Liber 3162, Pg. 628 of Macomb County Records. He found Iron in monument box, used same witnesses as listed on the 1974 Certificate of Survey.

Herbert J. Kobs, PS #14097 recorded a Certificate of Survey on June 18, 1982 in Liber 3421, Pg. 533 of Macomb County Records. He found Iron in monument box, used same witnesses as listed on the 1974 Certificate of Survey.

Herbert J. Kobs, PS #14097 recorded a Certificate of Survey on June 18, 1982 in Liber 3421, Pg. 564 of Macomb County Records. He found Iron in monument box, used same witnesses as listed on the 1974 Certificate of Survey.

Herbert J. Kobs, PS #14097 recorded a Certificate of Survey on January 24, 1991 in Liber 5082, Pg. 047 of Macomb County Records. He found Iron in monument box, used same witnesses as listed on the 1974 Certificate of Survey.

Donald H. King, PS #30085 recorded a Certificate of Survey on April 30, 1993 in Liber 5831, Pg. 247 of Macomb County Records. He found PK Nail in pavement.

WITNESSES:

- *ENE 36.38' Nail w/Washer D.E. Pole
- *SE 61.92' Nail w/Washer D.E. Pole
- *SW 89.82' Nail w/Washer D.E. Pole
- *NW 68.93' Nail w/Washer Bell Pole

Donald H. King, PS #30085 recorded a Certificate of Survey on April 25, 1997 in Liber 7433, Pg. 467 of Macomb County Records. He found Iron in monument box, used same witnesses as listed on the 1974 Certificate of Survey.

UNRECORDED SURVEYS AND WITNESSES

Warren C. Avey, PS #30076 did a unrecorded survey on February 12, 2001. Object found not stated.

WITNESSES:

- *SW 89.90' to form Nail w/MDSH disc SE face Utility Pole
- SE 64.48' to form Nail w/MDSH disc SW face Utility Pole
- *E 36.36' to form Nail w/MDSH disc N face Utility Pole
- *NE 102.46' to form Nail w/MDSH disc W face Utility Pole

I-7 to I-6

GLO = 40 chains or 2640.00 Ft.
Surveys recorded in Liber 2560, Pg. 117 & Liber 3021, Pg. 198 = 2628.91 Ft.
Unrecorded survey by Warren C. Avey, PS #30076 on February 12, 2001 = 2628.83 Ft.
Macomb County Sidwell Map = 2627.65 Ft. West side
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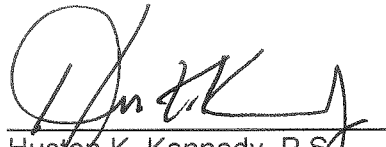
I-7 to J-7

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Unrecorded survey by Warren C. Avey, PS #30076 on February 12, 2001 = 2688.86 Ft.
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I-7 to H-7

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Survey recorded in Liber 7433, Pg. 467 = 2647.04 Ft.
Macomb County Sidwell Map = 2660.17 Ft.
S88°06'51" West 2647.30 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 5/8" Iron Rod w/ Brass Cap in a monument box as of March 17, 2004. I therefore, recommend to the Macomb County Peer Group that they accept the 5/8" Iron Rod w/ Brass 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-7)
Revised 04/30/03

Term 3 North Range 12 East.

20.00 Set first cor. S 22, 23, 24, 27

Aspen 12 S 70 E 12

Do 10 N 57 W 6

Middling Lined Oak & aspen

East On R.L. between S 23 + 24

110.00 Set 1/2 mi. post

112.00 Ent'd brushy slope

65.00 Left Do

20.00 Hit N 4 S line 1 N

Very brushy no timber scarcely

West Corrected betw S 23 + 24

110.03 Moved 1/2 mi. fr to cor. 2

W.C. 110 S 10 E 19

Drift 10 N 37 W 40

Nov 16th 1817

North Between S. 22 + 23

26.40 W.C. 40 in Dr.

28.00 Ent'd brushy slope

30.57 Broke 10 th east

33.00 Left brushy slope

40.00 Set 1/2 mile post from which

W.C. 8 S 58 E 25

Do 14 N 10 E 31

60.00 Set first cor. S 14, 15, 22 + 23 from which

an Aspen 4 N 48 W 27

W.C. 20 S 63 E 55

Per burnt line land

East On R.L. betw S 14 + 23

27.00 Ent'd slope

40.00 Set 1/2 mi. post

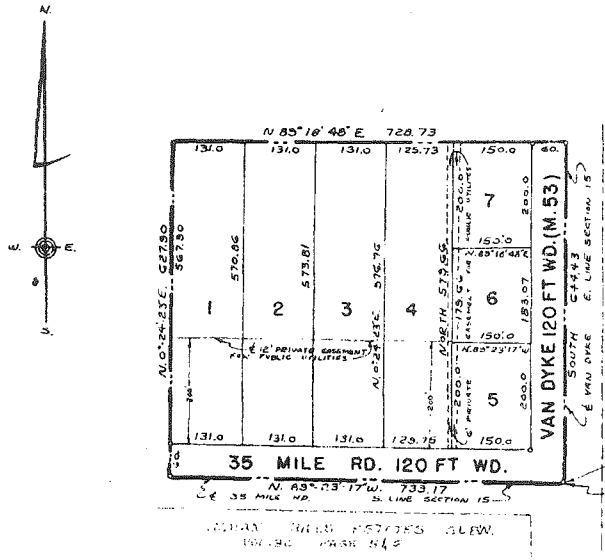
60.00 Left Do

ROMEO DELS SUBDIVISION

OF PART OF S.E. 1/4 OF SECTION 15, T.5N., R.12 E.,
BRUCE TOWNSHIP, MACOMB COUNTY, MICHIGAN.



NOTE: ALL DIMENSIONS ARE SHOWN IN FEET AND DECIMALS THEREOF.



We hereby certify that said plat appears to include land located on a State Trunk line or Federal aid road.

Caron Burr
Caron Burr, Register of Deeds
Albert A. Wagner
Albert A. Wagner, County Clerk
Lynn Whalen
Lynn Whalen, County Treasurer
Frank E. Lohr
Frank E. Lohr, Drain Commissioner
COUNTY PLAT BOARD

COPY
Register's Office
Macomb County
1957
Page 5

INDEXED
FILED
SEARCHED
SERIALIZED
MARCH 27 1957
REGISTER OF DEEDS
MACOMB COUNTY, MICHIGAN

DESCRIPTION OF LAND PLATTED

The land embraced in the annexed plat of "Romeo Dels Subdivision" of part of S. E. 1/4 of Section 15, T. 5 N., R. 12 E., Bruce Township, Macomb County, Michigan, is described as follows:

Beginning at the Southeast corner Section 15, T. 5 N., R. 12 E., Bruce Twp., Macomb County; Thence North 89 degrees 23 minutes 17 seconds West along the south line of Section 15 and the centerline of 36 Mile Road (120 feet wide, as now established), a distance of 733.17 feet to a point; Thence North 0 degrees 24 minutes 23 seconds East, a distance of 627.00 feet to a point; Thence North 89 degrees 19 minutes 48 seconds East, a distance of 738.73 feet to a point in the East line of Section 15 and centerline of Van Dyke Avenue (M-53) (120 feet wide, as now established); Thence South along said East line of Section 15 and centerline of Van Dyke Avenue, a distance of 644.43 feet to the point of beginning, comprises lots 1 thru 7 both inclusive.

DEDICATION

KNOW ALL MEN BY THESE PRESENTS, That we, Stephen M. Lomakooski and Evelyn M. Lomakooski, his wife, as proprietors, have caused the land embraced in the annexed plat to be surveyed, laid out and platted to be known as "Romeo Dels Subdivision" of part of S. E. 1/4 of Section 15, T. 5 N., R. 12 E., Bruce Twp., Macomb County, Michigan, and that the streets as shown on said plat are hereby dedicated to the use of the public and that the private easements indicated on said plat are hereby reserved for the use of the public utilities subject to the regulation and control of the use thereof by the local governmental authorities, and that no permanent structures are to be erected within the boundaries of said easements.

Signed and Sealed in the Presence of:

Helen M. Stone
HELEN M. STONE (Witness)
Philip M. Stone
PHILIP M. STONE (Witness)

Stephen M. Lomakooski
Stephen M. Lomakooski
Evelyn M. Lomakooski
Evelyn M. Lomakooski, his wife

APPROVAL BY COUNTY PLAT BOARD
This plat was approved on the 7th day of February, 1957 by the Macomb County Plat Board.
Caron Burr
Caron Burr (County Register of Deeds)
Albert A. Wagner
Albert A. Wagner (County Clerk)
Lynn Whalen
Lynn Whalen (County Treasurer)
Frank E. Lohr
Frank E. Lohr (County Drain Commissioner)

APPROVAL BY BOARD OF COUNTY ROAD COMMISSIONERS
This plat has been examined and was approved on the 5th day of Feb, 1957, by the Macomb County Board of Road Commissioners.
Roy Cogener
Roy Cogener (Chairman)
Lawrence Demke
LAWRENCE DEMKE (Member)
(Member)

MUNICIPAL APPROVAL
This plat was approved by the Township Board of the Township of Bruce at a meeting held January 7th, 1957, and the width of lots are in compliance with Requirements of Sec. 30, Act 172 of 1929, as amended.
Conrad Turrell
Conrad Turrell (Clerk)

SURVEYOR'S CERTIFICATE
I hereby certify that the plat hereon delineated is a correct one and that permanent monuments consisting of iron bars at least one-half inch in diameter and 36 inches in length, encased in concrete cylinders 4 inches in diameter and 36 inches in length have been set at points marked thus (o) as thereon shown at all angles in the boundaries of the land platted, at all angles in the streets, at all intersections of the lines of streets and at intersections of the lines of streets with the boundaries of the plat.
John J. McMahon
John J. McMahon
Registered Land Surveyor #4018

ACKNOWLEDGEMENT

State of Michigan)
County of Macomb) s.s.

On this 7th day of January, 1957 before me a Notary Public in and for said County, personally came the above named, Stephen M. Lomakooski, and Evelyn M. Lomakooski, his wife, known to me to be the persons who executed the above dedication and acknowledged the same to be their free act and deed.

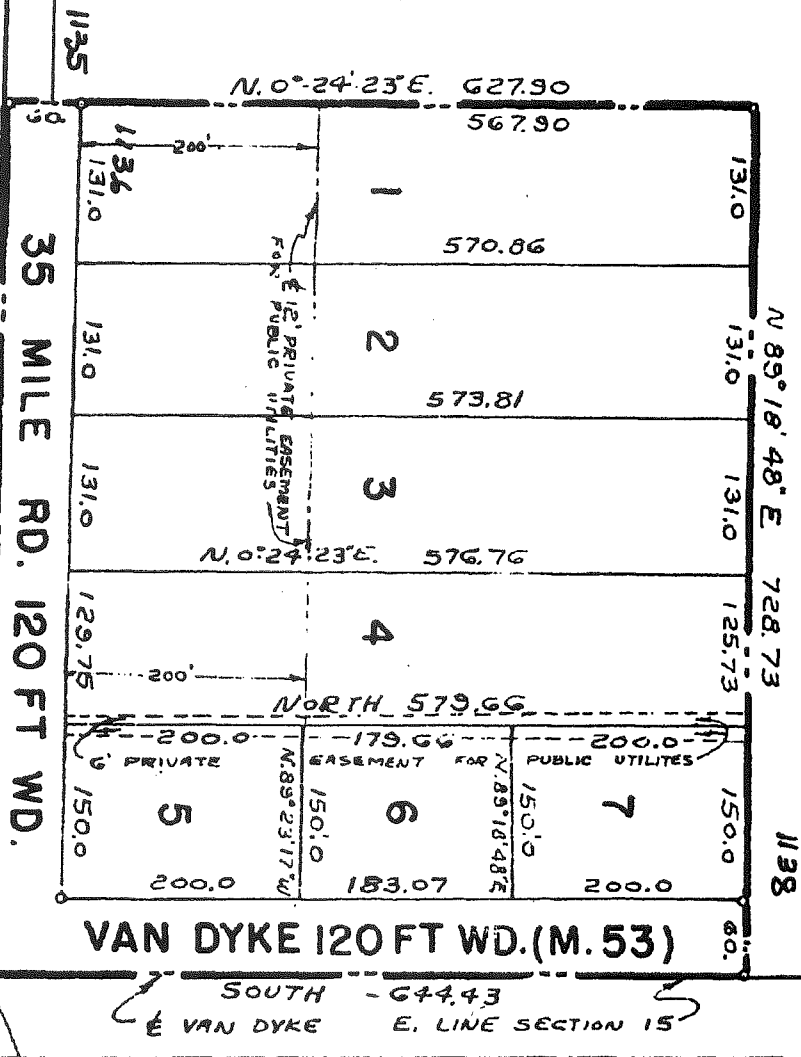
Helen M. Stone
HELEN M. STONE
Notary Public
Macomb County

Stephen M. Lomakooski
Stephen M. Lomakooski
Evelyn M. Lomakooski
Evelyn M. Lomakooski
My Commission expires April 17 1957

APPROVED
Charles W. J. J. J.
CHARLES W. J. J. J.
STATE NOTARY PUBLIC

We hereby certify th
State Trunk Line or

I-6
1003



S.E. COR. SEC. 15
T. 5 N., R. 12 E., BRUCE TWP.
MACOMB CO., MICH.
POINT OF BEGINNING

I-7
1007

H-7
1008

INDIAN HILLS ESTATES SUBDIV.
35 MILE RD. W. 1/4 SEC. 15

VAN DYKE 120 FT WD. (M. 53)

APPROVAL BY COUNTY PLAT BOARD

The land embraced in the annex
1/4 of Section 15, T. 5 N., R. 12
described as follows:

DI

Job: 1996 MACOMB COUNTY REMONUMENTATION PROGRAM FOR WASHINGTON, BRUCE & RAT TWP.

By: HUSTON K. KENNEDY

Point	Direction	Distance	Northing	Easting	Elevation
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'ROMEO DELS SUBDIVISION'

Start					
1008	<i>H-7</i>		493311.2123	13481610.3208	
IN	N 88°06'50.6" E	2646.967			
1007	<i>I-7</i>		493398.3241	13484255.8535	
PO	S 88°06'50.6" W	732.643			
Temporary Intersection Point		<i>733.17R</i>	493374.2128	13483523.6076	
PO	N 1°53'09.4" W	32.374			
1135	<i>Fnd 1/2" GRUN PCD</i>	<i>33 R.</i>	493406.5691	13483522.5422	

Start					
1007	<i>E-7</i>	<i>733.17R</i>	493398.3241	13484255.8535	
PO	S 88°06'50.6" W	732.916			
Temporary Intersection Point			493374.2038	13483523.3348	
PO	N 1°53'09.4" W	59.568			
1136	<i>Fnd CONC MUN</i>	<i>60 R.</i>	493433.7400	13483521.3744	

Start					
1007			493398.3241	13484255.8535	

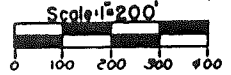
Start					
1003	<i>I-6</i>		496024.4674	13484143.7541	
IN	S 2°26'39.3" E	2628.535			
1007	<i>I-7</i>		493398.3241	13484255.8535	

Start					
1003	<i>I-6</i>		496024.4674	13484143.7541	
IN	S 2°26'39.3" E	2628.535			
1007	<i>I-7</i>	<i>644.43 R.</i>	493398.3241	13484255.8535	
PO	N 2°26'39.3" W	642.344			
Temporary Intersection Point			494040.0839	13484228.4594	
PO	S 87°33'20.7" W	60.222			
1138	<i>Fnd CONC MUN</i>	<i>60 R.</i>	494037.5156	13484168.2918	

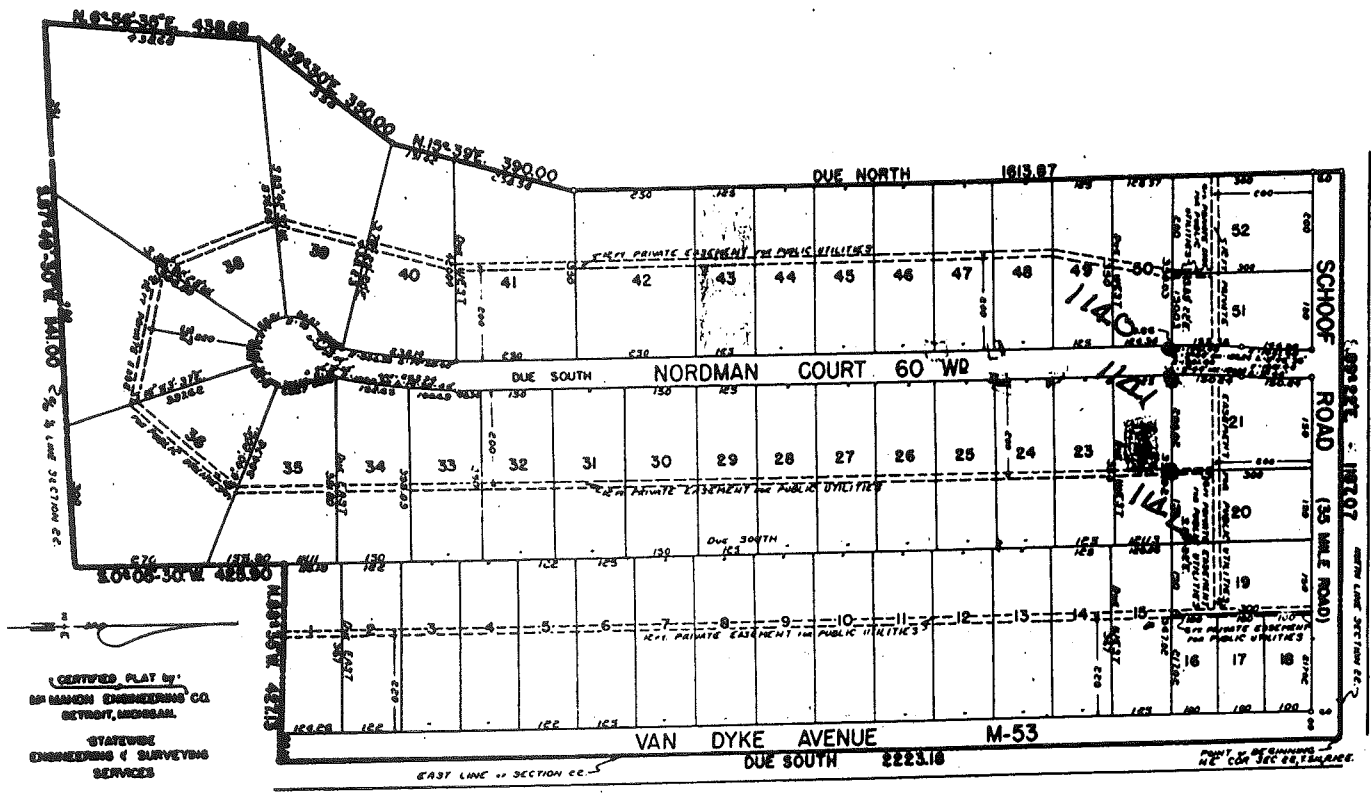
Start					
1007			493398.3241	13484255.8535	

INDIAN HILLS ESTATES SUBDIVISION

OF PART OF N.E. 1/4 OF SECTION 22, T.5N., R.12E.,
BRUCE TWP., MACOMB COUNTY, MICHIGAN.



NOTE: ALL DIMENSIONS ARE SHOWN IN FEET AND DECIMALS THEREOF.
ALL CURVILINEAR DIMENSIONS ARE SHOWN ALONG THE ARC.



DESCRIPTION OF LAND PLATTED

The land embraced in the annexed plat of INDIAN HILLS ESTATES SUBDIVISION of part of N. E. 1/4 of Sec. 22, T. 5 N., R. 12 E., Bruce Twp., Macomb County, Michigan is described as follows;

Beginning at the Northeast corner of said Section 22; thence Due South along the East line of Section 22 2223.18 feet to a point; thence North 88 degrees 35 minutes West a distance of 427.15 feet to a point; thence South 0 degrees 05 minutes 30 seconds West a distance of 425.00 feet to a point in the East and West 1/4 line of Section 22; thence South 87 degrees 49 minutes 20 seconds West along the East and West 1/4 line of Section 22 a distance of 1141.00 feet to a point; thence North 6 degrees 55 minutes 35 seconds East a distance of 425.00 feet to a point; thence North 39 degrees 30 minutes East a distance of 380.00 feet to a point; thence North 15 degrees 20 minutes East a distance of 380.00 feet to a point; thence Due North a distance of 1613.87 feet to a point in the North line of Section 22; thence South 89 degrees 22 minutes East along the North line of Section 22 a distance of 1187.07 feet to the point of beginning and complete Lots 1 thru 52 both inclusive.

REGISTER'S OFFICE
COUNTY OF MACOMB

Received for Record
M. H. Hansen 21 1955
 at 1:00 o'clock P. M., and recorded
 in Vol. 222 of *Plats*, on
 Page 576
W. J. ...
 Register of Deeds

5
 1955 MAR 21

Job: 1996 MACOMB COUNTY REMONUMENTATION PROGRAM FOR WASHINGTON, BRUCE & RAT TWP.

By: HUSTON K. KENNEDY

Point	Direction	Distance	Northing	Easting	Elevation
-------	-----------	----------	----------	---------	-----------

"INDIAN HILLS ESTATES SUB"

Start					
1008	H-7		493311.2123	13481610.3208	
IN	N 88°06'50.6" E	2646.967			
1007	I-7		493398.3241	13484255.8535	
PO	S 88°06'50.6" W	572.809			
Temporary Intersection Point					
PO	S 1°53'09.4" E	359.798	493379.4729	13483683.3545	
1142		360 R.	493019.8698	13483695.1955	

Start					
1007			493398.3241	13484255.8535	
PO	S 88°06'50.6" W	772.798			
Temporary Intersection Point					
PO	S 1°53'09.4" E	359.497	493372.8913	13483483.4737	
1141		360 R.	493013.5891	13483495.3048	

Start					
1007			493398.3241	13484255.8535	
PO	S 88°06'50.6" W	832.948			
Temporary Intersection Point					
PO	S 1°53'09.4" E	360.320	493370.9117	13483423.3564	
1140		360 R.	493010.7870	13483435.2145	

Start					
1007			493398.3241	13484255.8535	

LAND CORNER RECORDATION CERTIFICATE
FILING REQUIREMENT OF ACT 74, MICH. P.A. 1970

LSLR 2643 PAGE 106

A336443

FOR CORNERS OF -:	LOCATED IN -:	CORNER CODE NUMBER
1. PUBLIC LAND SURVEY _____	T. 5 N. R. 12 E. X W.	T-7
2. PROPERTY CONTROLLING IN SECTION _____	T. _____ N. S. R. _____ E. W.	_____
3. MISCELLANEOUS PROPERTY IN SECTION _____	T. _____ N. S. R. _____ E. W.	_____
4. LOT NO. _____, RECORDED PLAT _____		
5. PRIVATE CLAIMS _____		

RECORDED IN MACOMB COUNTY RECORDS AT: 1:25 P.M.
 DEC 12 1975
Edna Hill
 CLERK - REGISTER OF DEEDS
 MACOMB COUNTY, MICHIGAN
 REGISTER OF DEEDS STAMP AND FILING NUMBER

I, Douglas W. Hooth do hereby certify that under requirements of P.A. 74, Michigan P.A. of 1970, the corner points mentioned in lines 1 and 2 above (identified with circles on index code diagram-over) were, in a field survey on 11-21 1975, established, re-established, monumented, re-monumented, recovered or restored as expressed below and in conformance with regulations and rules therefore as required in the current manual of survey instructions of the United States Department of the Interior, Bureau of Land Management or by a decree of a court of law. Furthermore, that the corner points mentioned in lines 3, 4 and 5 above were, in a field survey on _____ 19____, found, recovered, restored, established or re-established as expressed below and in conformance with the rules of the Michigan State Board of Registration for Land Surveyors or, by a Decree of a Court of law:

A. Description of original monument and accessories and/or subsequent restoration:

Found PK Nail in center of M-53.

B. Description of corner evidence found and/or method applied in restoring or re-establishing corner:

Checked location of nail by witnesses on file.

C. Description of monument for corner and accessories established to perpetuate locating the position of the corner:

Placed Monument Box with 5/8" Rod, at corner.

N 85 E-36.38'-Power Service Pole
 S 55 W-89.82'-Power Pole
 S 29 E-64.50'-Power Pole

SIGNED BY _____ DATE _____

SURVEYOR'S MICHIGAN REGISTRATION NO. _____ (SEAL)

FOR STATE AND UNITED STATES AGENCIES:

SIGNED BY Walter L. Patric DATE 11/24/75
CHIEF OF SURVEY PARTY

APPROVED AND SIGNED BY Douglas W. Hooth DATE 12 8 75
MICHIGAN REGISTERED LAND SURVEYOR (SEAL)

Mich. Dept. of State Hwys. & Trans

SURVEYOR'S MICHIGAN REGISTRATION NO. 7966 00537

110

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

For corners in **BRUCE TOWNSHIP**

MACOMB Located In: Corner Code #
 (County)

1. Public Land Survey T 05N R 12E 1-7
 T ___ R ___
 T ___ R ___
 T ___ R ___

2. Property Controlling S ___ T ___ R ___
 In Section S ___ T ___ R ___

3. Miscellaneous S ___ T ___ R ___
 Property in Sec. S ___ T ___ R ___

98683
 LIBER 9588 PAGE 330
 06/09/2000 11:22:33 A.M.
 MACOMB COUNTY, MI
 CARMELLA SABAUGH, REG/DEEDS

Register of Deeds Stamp & File Number

4. Lot No. _____, Recorded Plat _____
 5. Private Claims _____

	A	B	C	D	E	F	G	H	I	J	K	L	M
1													
2	6	5	4	3	2	1							
3													
4	7	8	9	10	11	12							
5													
6	18	17	16	15	14	13							
7													
8	19	20	21	22	23	24							
9													
10	30	29	28	27	26	25							
11													
12	31	32	33	34	35	36							
13													

I, Jonathan M. Field, P.S., in a field survey on MAY 15 20 00, do hereby certify that under requirements of P.A. 74, Michigan P.A. of 1970, the corner points mentioned in lines 1 and 2 above were in conformance with regulations and rules therefore as required in the current manual of survey instructions of the United States Department of the Interior, Bureau of Land Management or by a decree of a Court of Law and/or that the corner points mentioned in lines 3, 4 and 5 above were in conformance with the rules of the Michigan Board of Land Surveyors or by a Decree of a Court of Law; established, re-established, monumented, re-monumented, recovered, found as expressed below:

NOTE: Not more than 2 corners, all in the same town and range, may be recorded on this certificate.

A. Description of original monument and accessories and/or subsequent restoration:

- I-7
- 1974 KOBS, P.S.#14097; CERTIFIED SURVEY L.2490 P.403, PK NAIL IN C/L PAVEMENT, SOUTHWEST 89.82' NW IN D.E. POLE, NORTHEAST 36.38' NW IN D.E. SERVICE POLE, SOUTHEAST 61.92' NW IN D.E. POLE
 - 1974 KOBS, P.S.#14097; CERTIFIED SURVEY L.2534 P.441, SAME AS 1974 SURVEY
 - 1975 KOBS, P.S.#14097; CERTIFIED SURVEY L.2590 P.318, SAME AS 1974 SURVEY
 - 1975 MDOT, HOOTH, P.S.#7966; L.C.R.C. L.2643 P.106, FND PK NAIL, N85E 36.38' POWER SERVICE POLE, S55W 89.82' POWER POLE, S29E 64.50' POWER POLE.
 - 1977 KOBS, P.S.#14097; CERTIFIED SURVEY L.2323 P.848, SAME AS 1974 SURVEY
 - 1978 KOBS, P.S.#14097; CERTIFIED SURVEY L.3021 P.198, SAME AS 1974 SURVEY
 - 1979 KOBS, P.S.#14097; CERTIFIED SURVEY L.3162 P.628, SAME AS 1974 SURVEY

B. Description of corner evidence found and/or method applied in restoring or reestablishing corner:

- I-7 2000 ROWE, FIELD, P.S.#37276, FND. RE-ROD W/ BRASS CAP IN MON BOX AT M-53 AND 35 MILE ROAD.

C. Description of monument for corner and accessories established to perpetuate locating the position of the corner:

- I-7 FND RE-ROD W/BRASS CAP IN MON BOX AT M-53 AND 35 MILE RD.
 S45°W, 27.835m FND NAIL W/TAG IN P.POLE
 EAST, 11.090m FND NAIL W/TAG IN P.POLE
 S40°E, 19.672m FND NAIL W/TAG IN P.POLE
 N20°E, 31.239m FND NAIL W/TAG IN P.POLE



Signed by Jonathan M. Field Date 6-9-2000
 Surveyor's Michigan License No. 37276

FORM APPROVED BY MICHIGAN STATE BOARD OF LAND SURVEYORS, JAN. 28, 1971

REVISED MAY 14, 1976
 REVISED JAN. 1983
 ADAPTED FOR WORD PROCESSING MARCH, 1983

Certificate of Survey

OWN AND COUNTRY BAR
 FOR (DONALD VAUPP)
 DATE FEB. 13, 1974
 JOB # 123-74
 SCALE 1" = 40'
 SHEET 1 OF 1

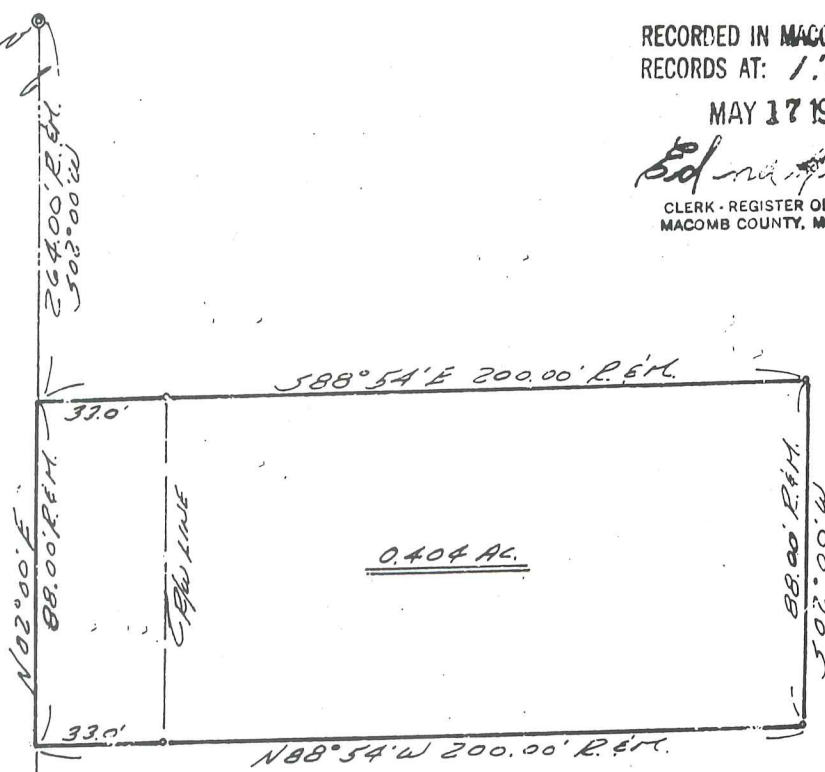
A244789

PROPERTY DESCRIPTION

A PARCEL OF LAND LOCATED IN THE WEST HALF OF THE SOUTHWEST 1/4 OF SECTION 14, TOWN 5 NORTH, RANGE 12 EAST, BRUCE TOWNSHIP, MACOMB COUNTY, MICHIGAN, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCING AT THE WEST 1/4 CORNER OF SAID SECTION 14; THENCE SOUTH 02 DEGREES 00 MINUTES WEST 264.00 FEET ALONG THE WEST LINE OF SAID SECTION 14 TO THE POINT OF BEGINNING; THENCE SOUTH 88 DEGREES 54 MINUTES EAST 200.00 FEET; THENCE SOUTH 02 DEGREES 00 MINUTES WEST 88.00 FEET; THENCE NORTH 88 DEGREES 54 MINUTES WEST 200.00 FEET; THENCE NORTH 02 DEGREES 00 MINUTES EAST 88.00 FEET ALONG SAID WEST LINE OF SECTION 14 TO THE POINT OF BEGINNING, CONTAINING 0.404 ACRES OF LAND.

WEST 1/4 COR. SEC. 14, T. 5N., R. 12E.
 (1/2" IRON BAR)
 NAK & WARDNER N. 30° MAG. E. - N.W. - 32.92'
 NAK & WARDNER N. 40° MAG. E. - WEST - 34.00'
 NAK & WARDNER N. 02° PAUL E. - N.E. - 43.39'

SW COR. SEC. 14, T. 5N., R. 12E.
 (P.R. MARK IN E. BARRIT)
 NAK & WARDNER W. DE. PAUL E. - S.W. - 89.02'
 NAK & WARDNER W. DE. SEC. PAUL E. - N.E. - 34.38'
 NAK & WARDNER N. 02° PAUL E. - S.E. - 61.92'



RECORDED IN MACOMB COUNTY
 RECORDS AT: 1:30 P. M.
 MAY 17 1974
Edna J. Kobs
 CLERK - REGISTER OF DEEDS
 MACOMB COUNTY, MICHIGAN

I 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 5000'; AND THAT I HAVE FULLY COMPLIED WITH THE REQUIREMENTS OF SECTION 3, ACT 132, P.A. 1970.

Herbert J. Kobs
 HERBERT J. KOBBS
 REGISTERED LAND SURVEYOR
 No. 14097



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

No D

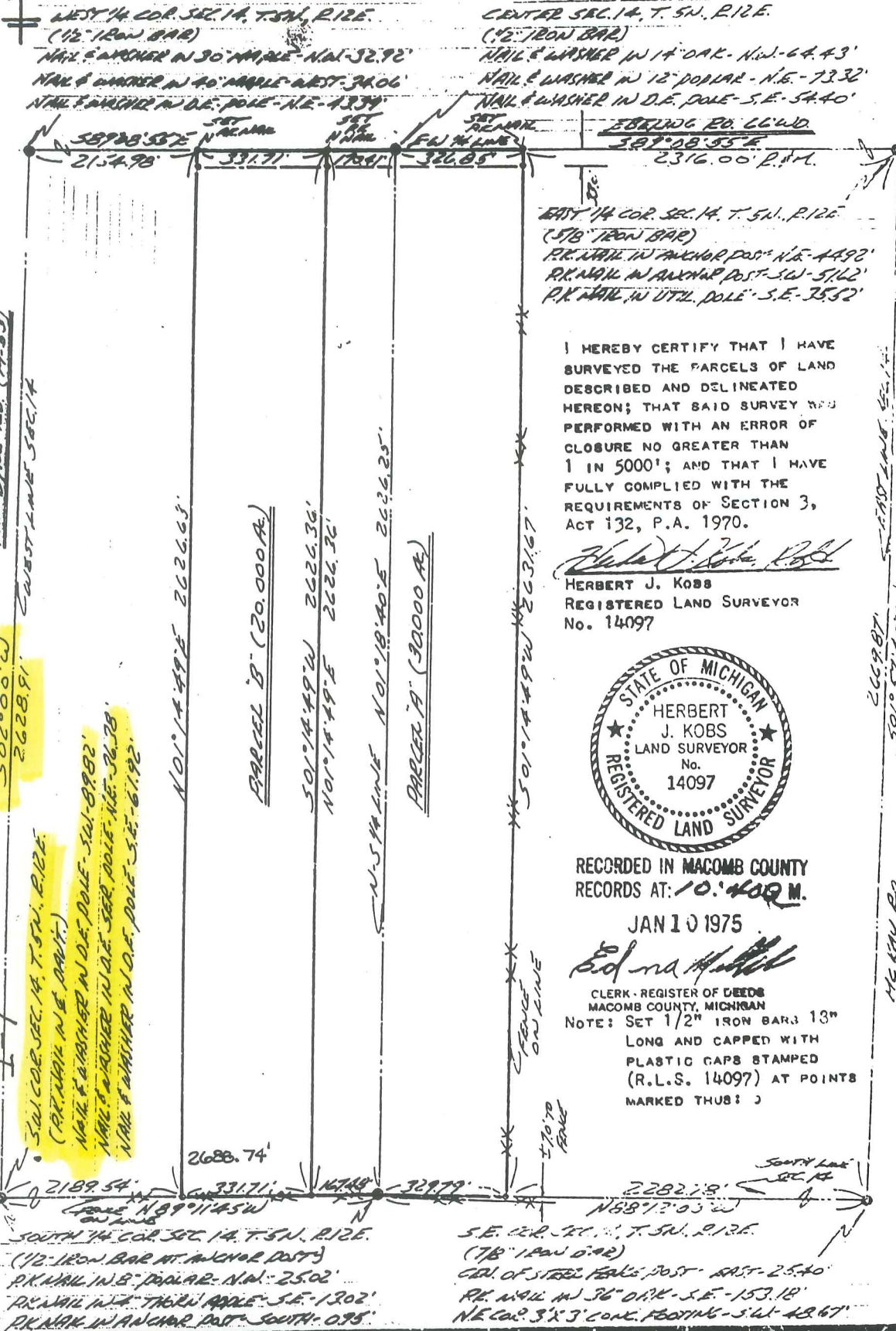
I-7

Certificate of Survey

PART OF THE SOUTH HALF OF SECTION 14, TOWN 5 NORTH, RANGE 12 EAST, BRUCE TOWNSHIP, MACOMB COUNTY, MICHIGAN.

A289637

FOR RON SOULLIARD
DATE SEPT. 26, 1974
JOB # 299-74
SCALE 1" = 300'
SHEET 1 OF 2



I HEREBY CERTIFY THAT I HAVE SURVEYED THE PARCELS OF LAND DESCRIBED AND DELINEATED HEREON; THAT SAID SURVEY WAS PERFORMED WITH AN ERROR OF CLOSURE NO GREATER THAN 1 IN 5000'; AND THAT I HAVE FULLY COMPLIED WITH THE REQUIREMENTS OF SECTION 3, ACT 132, P.A. 1970.

Herbert J. Kobs
HERBERT J. KOBS
REGISTERED LAND SURVEYOR
No. 14097



RECORDED IN MACOMB COUNTY RECORDS AT: 10:40 AM.

JAN 10 1975

Edna H. Hill
CLERK - REGISTER OF DEEDS
MACOMB COUNTY, MICHIGAN
NOTE: SET 1/2" IRON BARS 13" LONG AND CAPPED WITH PLASTIC CAPS STAMPED (R.L.S. 14097) AT POINTS MARKED THUS: J

PARCELS TO (M.S.)

502°00'W 2628.91'

501°14'49'W 2626.63'

501°14'49'W 2626.36'

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WEST LINE SEC. 14

501°14'49'W 2626.63'

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PARCEL B (20,000 Ac)

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PARCEL A (30,000 Ac)

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KS



Certificate of Survey **A486413**

PART OF THE S. 1/4 OF SECTION 14, TOWN 5 NORTH, RANGE 1 EAST, BRUCE TOWNSHIP, MACOMB COUNTY, MICHIGAN.

FOR NORMAN BRUNK
 DATE NOV. 2, 1977
 JOB # 309-77
 SCALE 1" = 60'
 SHEET 1 OF 2

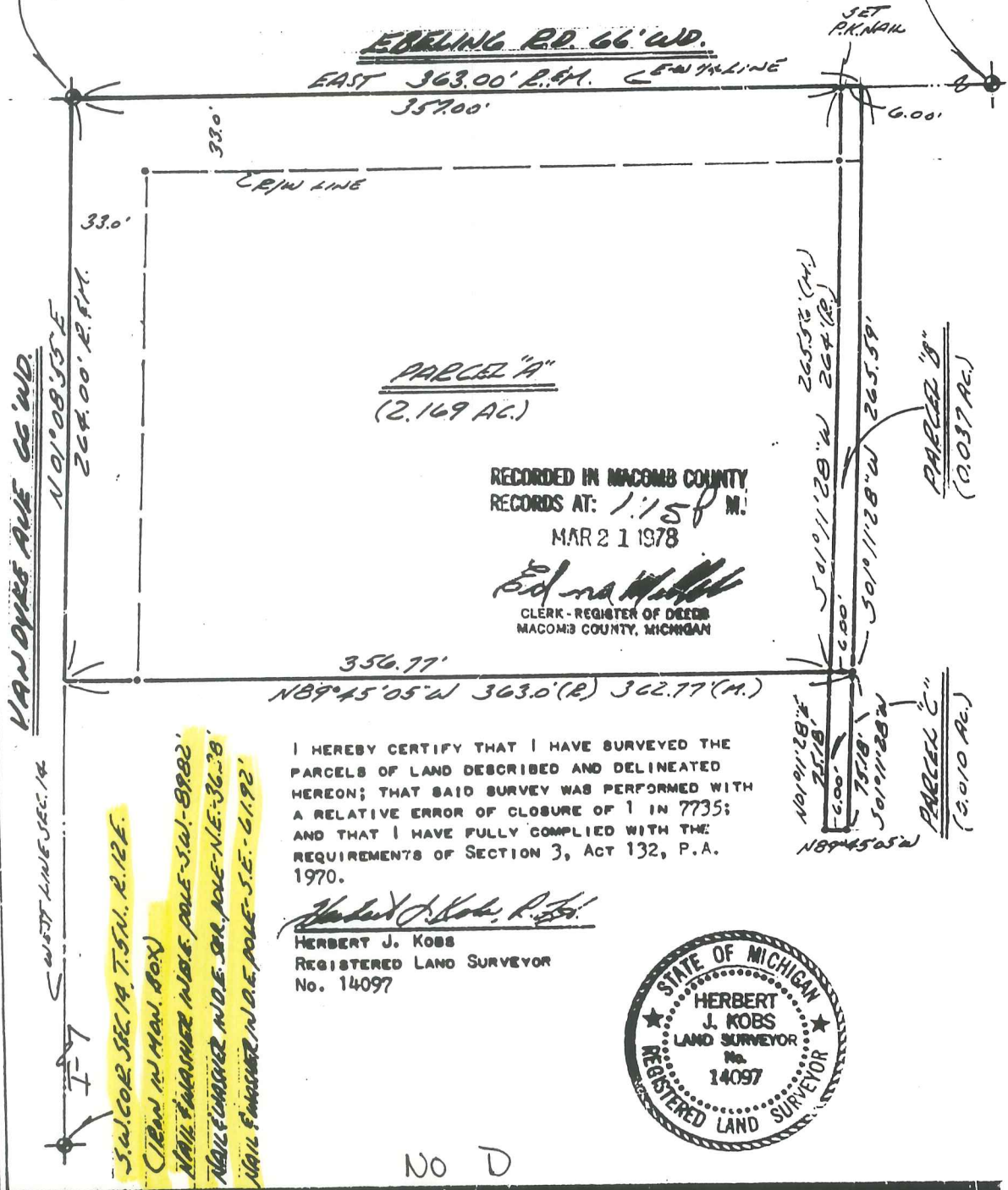
NOTE: BEARINGS RELATE TO DESCRIPTION OF RECORD FOR PARCEL ADJACENT TO EAST LINE OF DELINEATED PARCEL.

R = RECORDED
 M = MEASURED

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

WEST 1/4 COR. SEC. 14, T. 5N., R. 12E.
 (IRON IN IRON BOX)
 NAIL & WASHER IN 30" MAPLE - N.W. - 32.92'
 NAIL & WASHER IN 40" MAPLE - WEST - 34.06'
 NAIL & WASHER IN D.E. POLE - N.E. - 43.39'

CENTER COR. SEC. 14, T. 5N., R. 12E.
 (1/2" IRON BAR)
 NAIL & WASHER IN 14" OAK - N.W. - 64.43'
 NAIL & WASHER IN 12" DOGWOOD - N.E. - 73.32'
 NAIL & WASHER IN D.E. POLE - S.E. - 54.40'



PARCEL "A"
 (2.169 AC.)

RECORDED IN MACOMB COUNTY
 RECORDS AT: 1:15 P.M.
 MAR 21 1978
Edna M. Hill
 CLERK - REGISTER OF DEEDS
 MACOMB COUNTY, MICHIGAN

I HEREBY CERTIFY THAT I HAVE SURVEYED THE PARCELS OF LAND DESCRIBED AND DELINEATED HEREON; THAT SAID SURVEY WAS PERFORMED WITH A RELATIVE ERROR OF CLOSURE OF 1 IN 7735; AND THAT I HAVE FULLY COMPLIED WITH THE REQUIREMENTS OF SECTION 3, ACT 132, P.A. 1970.

Herbert J. Kobs
 HERBERT J. KOBBS
 REGISTERED LAND SURVEYOR
 No. 14097



NO D

NOTE: BEARINGS RELATE TO DESCRIPTIONS OF RECORD FOR PARCELS ALONG EAST LINE OF SECTION 15.

Certificate of Survey

A537569

FOR GARY PETERS
DATE JUNE 20, 1978
JOB # 270-77
SCALE 1" = 300'
SHEET 1 of 4

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

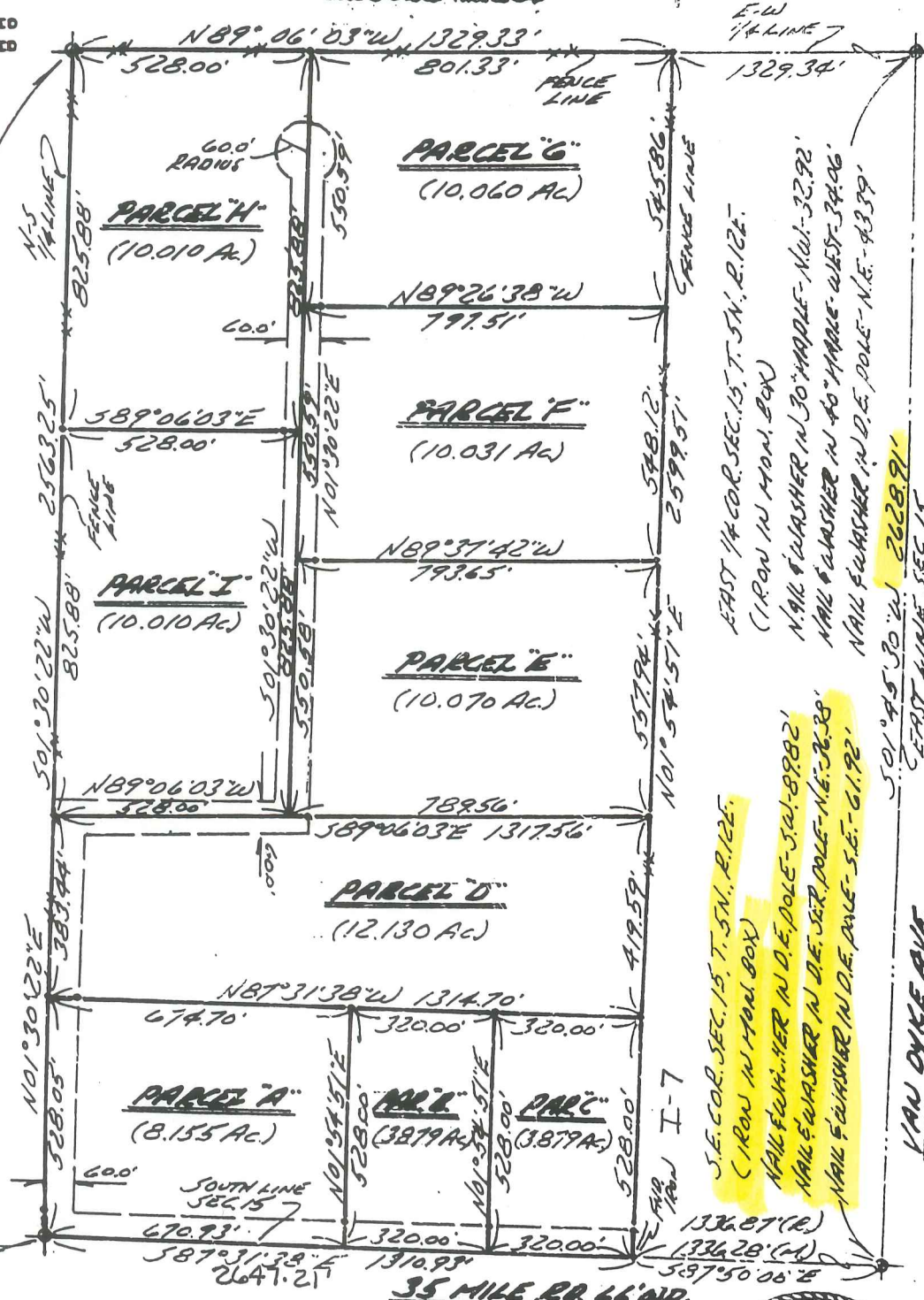
DIVISION OF WEST HALF OF S.E. 1/4 SECTION 15, TOWN 5 NORTH, RANGE 12 EAST, BRUCE TOWNSHIP, MACOMB COUNTY, MICHIGAN.

Lot 3021 Parc 198

R = RECORDED
M = MEASURED

CENTER COR. SEC. 15, T. 5N., R. 12E.
(12" IRON BAR)
P.K. NAIL IN 40" OAK - N.W. - 12.43'
P.K. NAIL IN 6" ASH - N.E. - 13.92'
P.K. NAIL IN 1/2" PIN - SOUTH - 16.10'

SOUTH 1/4 COR. SEC. 15, T. 5N., R. 12E.
(12" IRON BAR)
P.K. NAIL IN 8" BEECHER - SW. - 22.31'
P.K. NAIL IN 5" ASH - S.E. - 20.74'
P.K. NAIL IN 5" ASH - S.E. - 27.45'

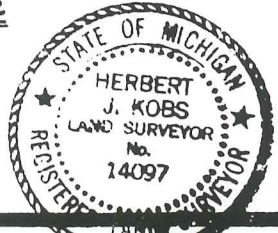


EAST 1/4 COR. SEC. 15, T. 5N., R. 12E.
(1 IRON IN MON. BOX)
NAIL & WASHNER IN 30" MAPLE - NW. - 32.92'
NAIL & WASHNER IN 40" MAPLE - W. 15' - 34.06'
NAIL & WASHNER IN D.E. POLE - N.E. - 43.39'

S.E. COR. SEC. 15, T. 5N., R. 12E.
(1 IRON IN MON. BOX)
NAIL & WASHNER IN D.E. POLE - SW. - 89.82'
NAIL & WASHNER IN D.E. POLE - N.E. - 26.28'
NAIL & WASHNER IN D.E. POLE - S.E. - 61.92'

I HEREBY CERTIFY THAT I HAVE SURVEYED THE PARCEL(S) OF LAND DESCRIBED AND DELINEATED HEREON; THAT SAID SURVEY WAS PERFORMED WITH A RELATIVE ERROR OF CLOSURE OF 1 IN 22,440'; AND THAT I HAVE FULLY COMPLIED WITH THE REQUIREMENTS OF SECTION 3, ACT 132, P.A. 1970.

HERBERT J. KOB'S, REG. LAND SURVEYOR No. 14097



Certificate of Survey

(NORTH HILL SPORT CLUB)

FOR HARTWIG REALTY

DATE JUNE 21, 1979

JOB # 237-79

SCALE 1" = 200'

SHEET 1 OF 1

LIBR 3162 PAGE 628

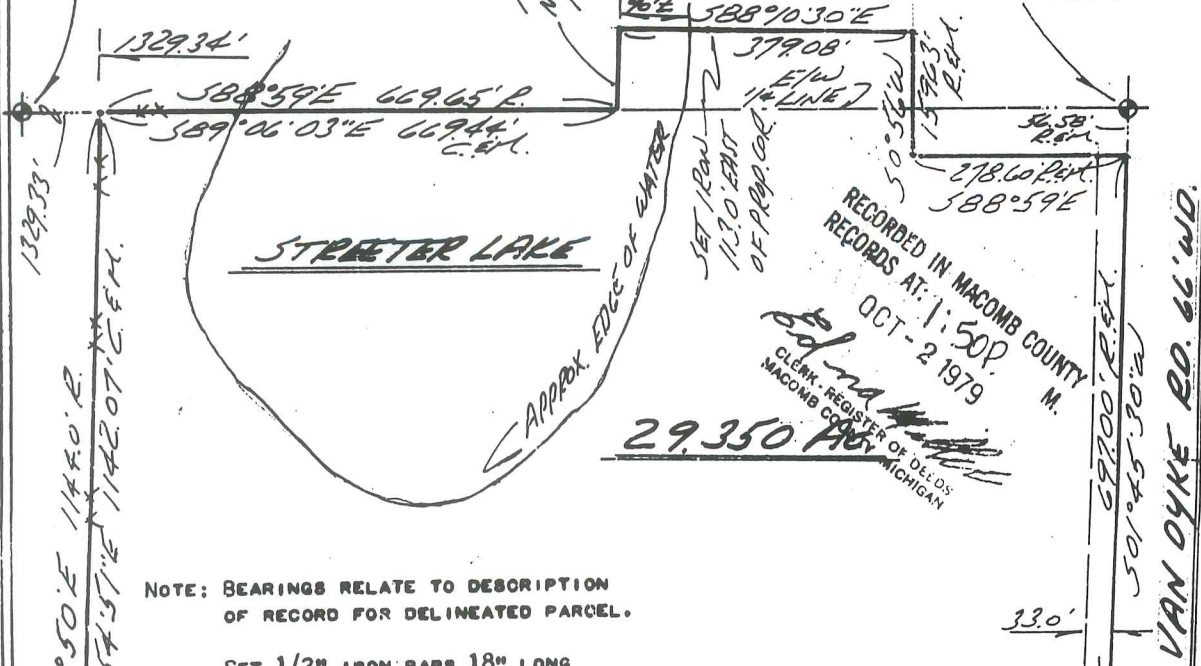
A612812

PROPERTY DESCRIPTION

A PARCEL OF LAND LOCATED IN AND BEING A PART OF SECTION 15, 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 LINE OF SAID SECTION 15, IT BEING 56.58 FEET SOUTH 01 DEGREES 45 MINUTES 30 SECONDS WEST FROM THE EAST 1/4 CORNER OF SAID SECTION 15; THENCE EXTENDING SOUTH 01 DEGREES 45 MINUTES 30 SECONDS WEST 697.00 FEET ALONG SAID EAST LINE OF SECTION 15; THENCE NORTH 89 DEGREES 02 MINUTES WEST 685.00 FEET; THENCE SOUTH 01 DEGREES 45 MINUTES 30 SECONDS WEST 390.00 FEET; THENCE NORTH 89 DEGREES 02 MINUTES WEST 647.43 FEET; THENCE NORTH 01 DEGREES 54 MINUTES 51 SECONDS EAST 1142.07 FEET; THENCE SOUTH 89 DEGREES 06 MINUTES 03 SECONDS EAST 669.44 FEET ALONG THE EAST-WEST 1/4 LINE OF SAID SECTION 15; THENCE NORTH 01 DEGREES 41 MINUTES 30 SECONDS EAST 109.76 FEET; THENCE SOUTH 88 DEGREES 10 MINUTES 30 SECONDS EAST 379.08 FEET; THENCE SOUTH 0 DEGREES 56 MINUTES WEST 159.63 FEET; THENCE SOUTH 88 DEGREES 59 MINUTES EAST 278.50 FEET TO THE POINT OF BEGINNING, CONTAINING 29.350 ACRES OF LAND. RESERVING EASEMENTS OF RECORD.

CENTER COR. SEC. 15, T. 5N., R. 12E.
 (1/2" IRON BAR)
 P.K. NAIL IN 40" OAK - N.W. - 12.43'
 P.K. NAIL IN 6" ASH - N.E. - 13.92'
 P.K. NAIL IN 16" ASH - SOUTH - 36.10'

EAST 1/4 COR. SEC. 15, T. 5N., R. 12E.
 (IRON IN MON. BOX)
 NAIL & WASHER IN 30" MAPLE - N.W. - 32.92'
 NAIL & WASHER IN 40" MAPLE - WEST - 34.06'
 NAIL & WASHER IN D.E. POLE - N.E. - 43.39'



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: O

R= RECORDED
 M= MEASURED
 C= CALCULATED



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 CLOSURE NO GREATER THAN 1 IN 5,000'; AND THAT I HAVE FULLY COMPLIED WITH THE REQUIREMENTS OF SECTION 3, ACT 132, P.A. 1970.

Herbert J. Kobs
 HERBERT J. KOBBS
 REGISTERED LAND SURVEYOR
 No. 14097

No D

I-7

KOBS LAND SURVEYING

1925 BREWER ROAD

ROMEO, MICHIGAN

752-2700

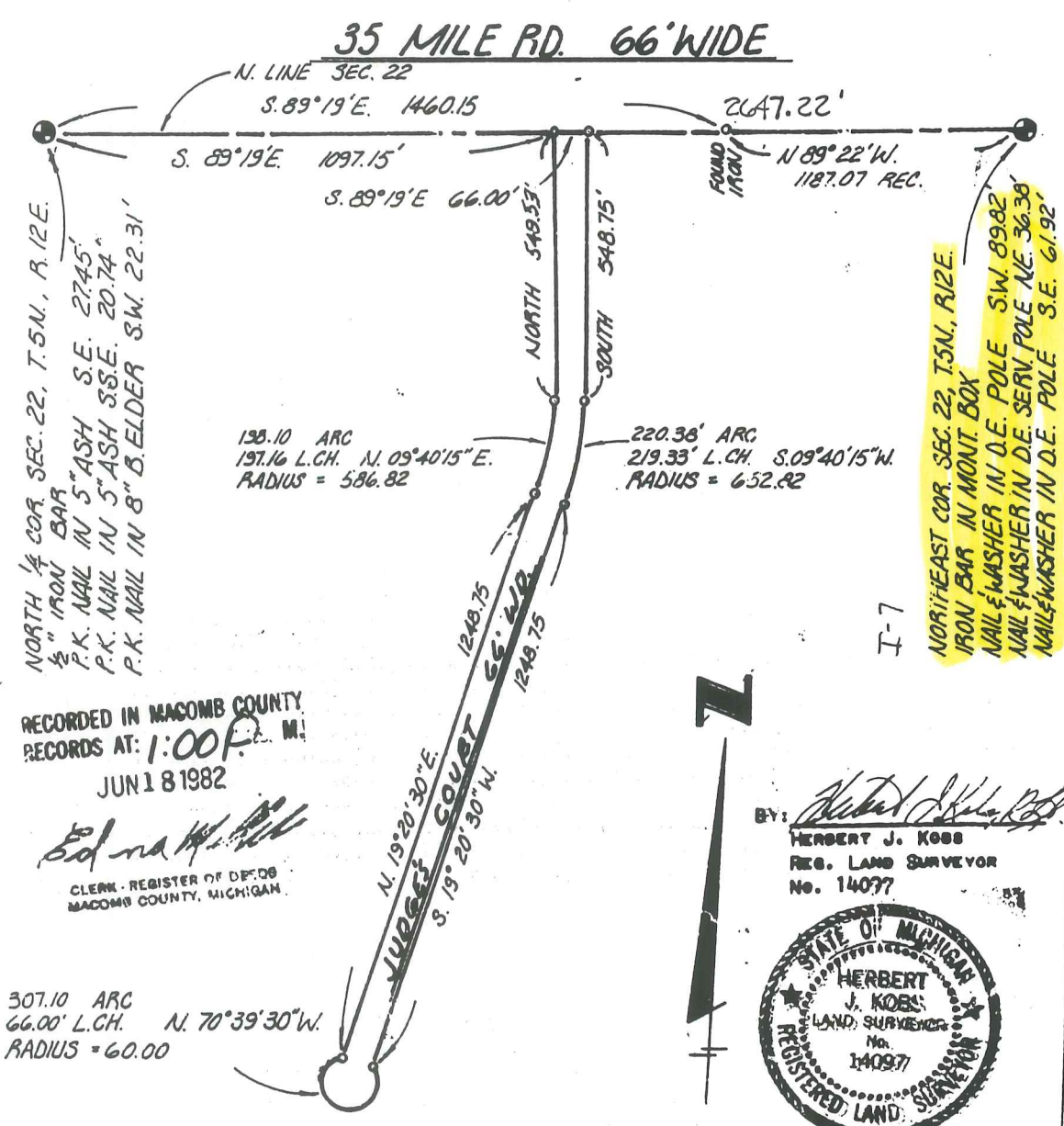
Certificate of Survey

LIBER 3421 PAGE 533

ROAD DESCRIPTION

A753375
 FOR GERALD JUDGE
 DATE OCT. 5, 1981
 JOB # 258-81
 SCALE 1" = 200'
 SHEET 1 OF 1

COMMENCING AT THE NORTH 1/4 CORNER OF SECTION 22, TOWN 5 NORTH, RANGE 12 EAST, BRUCE TOWNSHIP, MACOMB COUNTY, MICHIGAN; THENCE SOUTH 89 DEGREES 19 MINUTES EAST 1097.15 FEET ALONG THE NORTH SECTION LINE TO THE POINT OF BEGINNING; RUNNING THENCE SOUTH 89 DEGREES 19 MINUTES EAST 66.00 FEET ALONG THE NORTH SECTION LINE; THENCE SOUTH 548.75 FEET; THENCE ALONG A CURVE TO THE RIGHT 220.38 FEET, WHOSE LONG CHORD BEARS SOUTH 09 DEGREES 40 MINUTES 15 SECONDS WEST 219.33 FEET, RADIUS = 652.82 FEET, TANGENT = 111.25 FEET, CENTRAL ANGLE = 19 DEGREES 20 MINUTES 30 SECONDS; THENCE SOUTH 19 DEGREES 20 MINUTES 30 SECONDS WEST 1248.75 FEET; THENCE ALONG A CURVE TO THE RIGHT 307.10 FEET, WHOSE LONG CHORD BEARS NORTH 70 DEGREES 39 MINUTES 30 SECONDS WEST 66.00 FEET, RADIUS = 60.00 FEET; THENCE NORTH 19 DEGREES 20 MINUTES 30 SECONDS EAST 1248.75 FEET; THENCE ALONG A CURVE TO THE LEFT 198.10 FEET, WHOSE LONG CHORD BEARS NORTH 09 DEGREES 40 MINUTES 15 SECONDS EAST 197.16 FEET, RADIUS = 586.82 FEET, TANGENT = 100.00 FEET, CENTRAL ANGLE = 19 DEGREES 20 MINUTES 30 SECONDS; THENCE NORTH 549.53 FEET TO THE POINT OF BEGINNING, BEING PART OF THE N.E. 1/4 OF SECTION 22, TOWN 5 NORTH, RANGE 12 EAST, BRUCE TOWNSHIP, MACOMB COUNTY, MICHIGAN.



Certificate of Survey

A753601

LIBER 3421 PAGE 564

AT OF THE NORTHEAST 1/4 OF SECTION 22,
TOWN 5 NORTH, RANGE 12 EAST, BRUCE TOWNSHIP,
MACOMB COUNTY, MICHIGAN.

FOR GERALD LUDKE
DATE Aug 28, 1981
JOB # 236-81
SCALE 1" = 200'
SHEET 1 OF 2

RECORDED IN MACOMB COUNTY
RECORDS AT: 1:00 P. M.

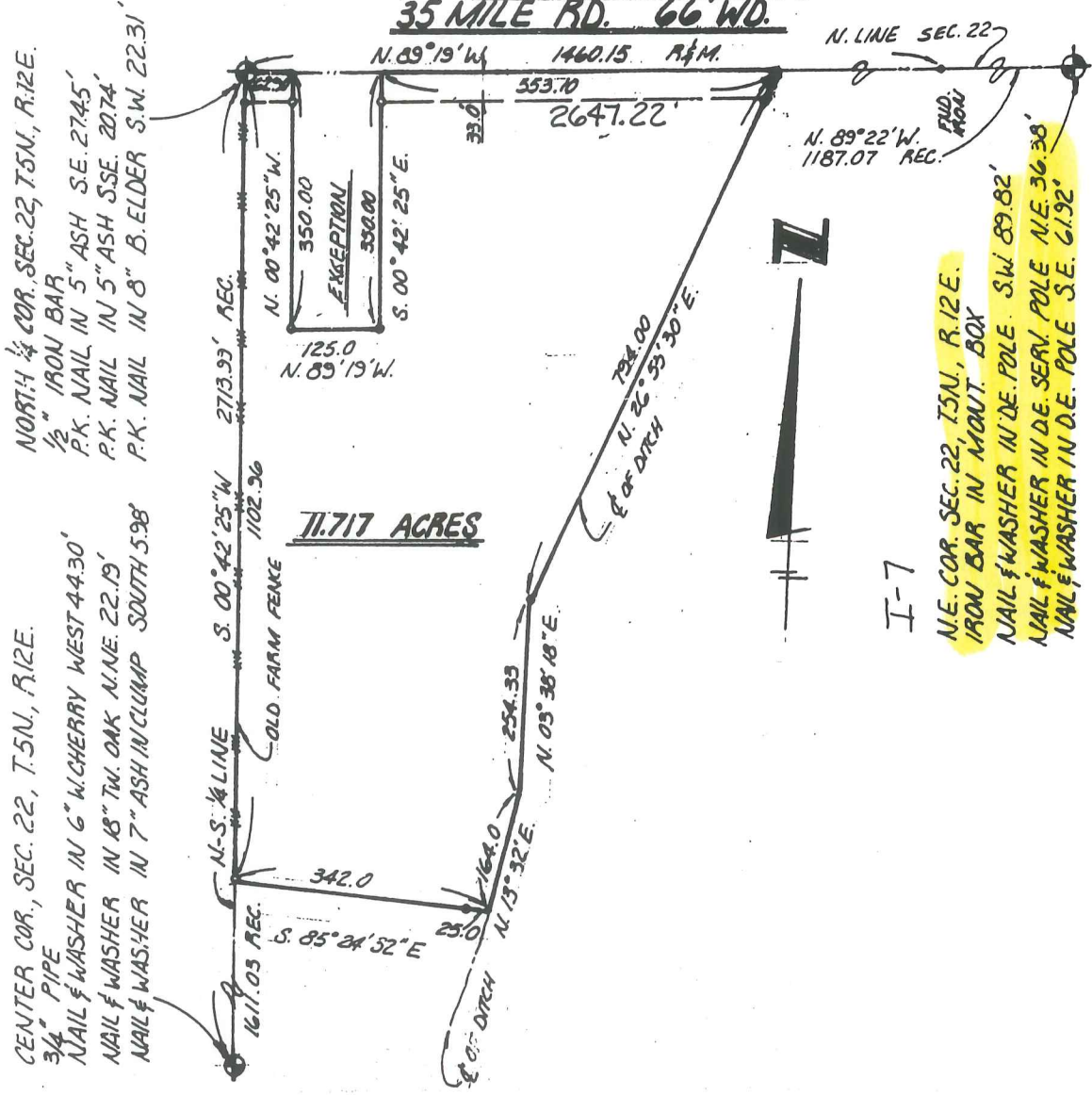
JUN 18 1982

NOTE: BEARINGS RELATE TO SURVEY AS RECORDED
IN LIBER 2212, PAGE 183, MACOMB COUNTY
RECORDS.

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

Edna M. Miller
CLERK - REGISTER OF DEEDS
MACOMB COUNTY, MICHIGAN

R= RECORDED
M= MEASURED
C= CALCULATED



I HEREBY CERTIFY THAT I HAVE SURVEYED THE PARCEL(S)
OF LAND DESCRIBED AND DELINEATED HEREON; THAT SAID
SURVEY WAS PERFORMED WITH A RELATIVE ERROR OF CLOSURE
NO GREATER THAN 1 IN 5,000'; AND THAT I HAVE FULLY
COMPLIED WITH THE REQUIREMENTS OF SECTION 3, ACT 132,
P.A. 1970.

Herbert J. Koss
HERBERT J. KOSS
REGISTERED LAND SURVEYOR
No. 14097



KOBS LAND SURVEYING

1925 BREWER ROAD

ROMEO, MICHIGAN

752-2700



CERTIFICATE OF SURVEY



M - MEASURED
R - RECORDED
C - CALCULATED

FOR GASPARE BICARLO
JOB NO. 330-92 DATE 7-29-92
SCALE 1" = 200' SHEET 1 OF 1
DRAWN BY K.D.R. CHECKED BY D.H.K.

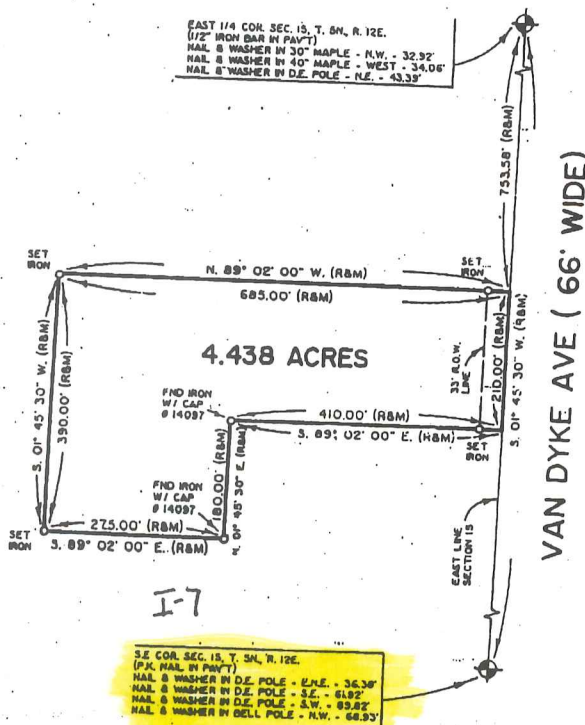
4.438-ACRE PARCEL

LIBER 05831P0247

1871139

A parcel of land located in and being a part of the Southeast 1/4 of Section 15, 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 15; thence South 01 degrees 45 minutes 30 seconds West 753.58 feet along the East line of Section 15 to the point of beginning; thence North 89 degrees 02 minutes 00 seconds West 685.00 feet; thence South 01 degrees 45 minutes 30 seconds West 390.00 feet; thence South 89 degrees 02 minutes 00 seconds East 275.00 feet; thence North 01 degrees 45 minutes 30 seconds East 180.00 feet; thence South 89 degrees 02 minutes 00 seconds East 410.00 feet; thence North 01 degrees 45 minutes 30 seconds East 210.00 feet along the East line of Section 15 to the point of beginning, containing 4.438 acres of land.

Subject to the rights of the public in Van Dyke Avenue. Reserving easements of record.



93 APR 30 AM 8:30

RECORDS SECTION
MACOMB COUNTY, MI

I-7



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 closure no greater than 1 in 5,000; and that I have fully complied with the requirements of Section 3, Act 132, P.A. 1970.

Donald H. King
DONALD H. KING
LICENSED LAND SURVEYOR
MICHIGAN LICENSE No. 30085

KK KOBBS-KING & ASSOC. INC.
111 SOUTH RAWLES
ROMEO, MICHIGAN 48065-0140

LAND SURVEYING
SITE PLANNING
313-752-2700

No D

CERTIFICATE OF SURVEY

PARCEL "1"

A parcel of land located in the West 1/2 of the Southeast 1/4 of Section 15, Town 5 North, Range 12 East, Bruce Township, Macomb County, Michigan, and being more particularly described as follows: Commencing at the South 1/4 Corner of said Section 15; thence South 87 degrees 31 minutes 38 seconds East 990.93 feet along the centerline of 35 Mile Road as previously surveyed to the point of beginning; thence extending South 87 degrees 31 minutes 38 seconds east 175.00 feet along the centerline of 35 Mile Road; thence North 01 degrees 54 minutes 51 seconds East 528.00 feet; thence North 87 degrees 31 minutes 38 seconds West 175.00 feet; thence South 01 degrees 54 minutes 51 seconds West 528.00 feet to the point of beginning, containing 2.121 acres of land.

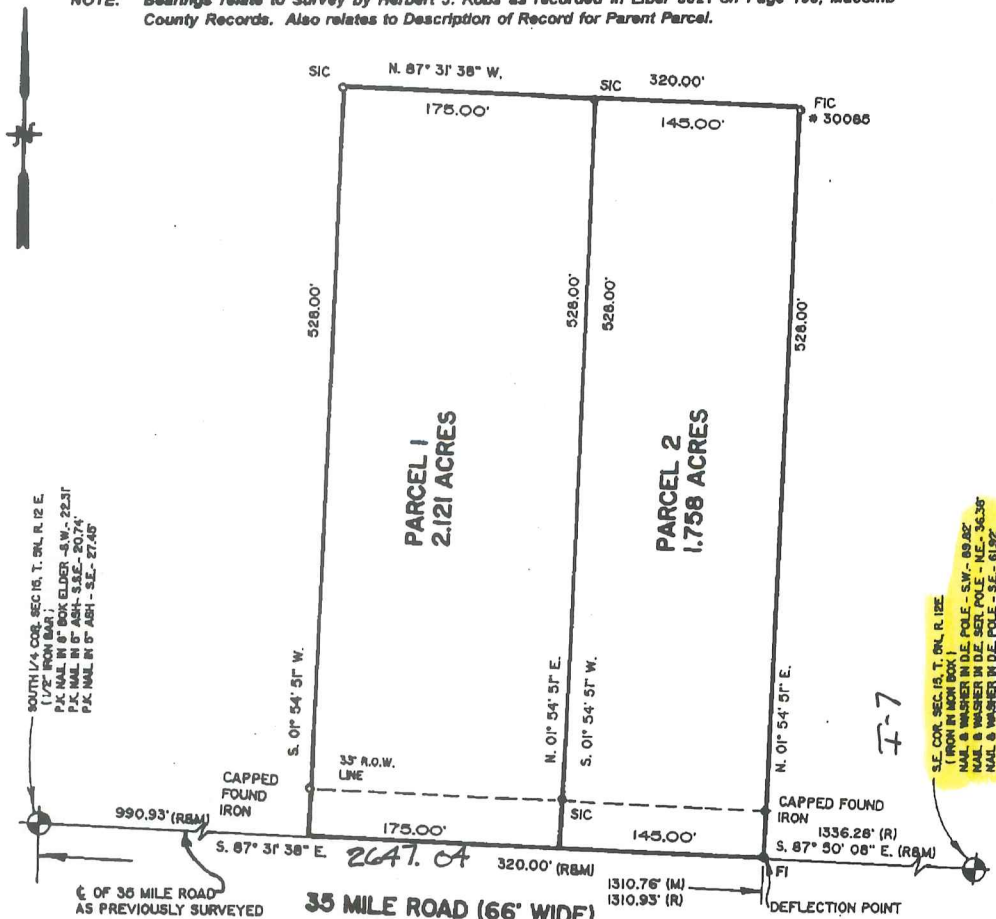
Subject to the rights of the public in 35 Mile Road. Also subject to any easements and/or rights of way, recorded or otherwise.

PARCEL "2"

A parcel of land located in the West 1/2 of the Southeast 1/4 of Section 15, Town 5 North, Range 12 East, Bruce Township, Macomb County, Michigan, and being more particularly described as follows: Commencing at the South 1/4 Corner of said Section 15; thence South 87 degrees 31 minutes 38 seconds East 1,165.93 feet along the centerline of 35 Mile Road as previously surveyed to the point of beginning; thence extending South 87 degrees 31 minutes 38 seconds east 145.00 feet along the centerline of 35 Mile Road; thence North 01 degrees 54 minutes 51 seconds East 528.00 feet; thence North 87 degrees 31 minutes 38 seconds West 145.00 feet; thence South 01 degrees 54 minutes 51 seconds West 528.00 feet to the point of beginning, containing 1.758 acres of land.

Subject to the rights of the public in 35 Mile Road. Also subject to any easements and/or rights of way, recorded or otherwise.

NOTE: Bearings relate to Survey by Herbert J. Kobs as recorded in Liber 3021 on Page 198, Macomb County Records. Also relates to Description of Record for Parent Parcel.



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 closure no greater than 1 in 5000; and that I have complied with the requirements of Section 3, Act 132, P.A. 1970.

Donald H. King
 DONALD H. KING
 PROFESSIONAL SURVEYOR
 MICHIGAN LICENSE No. 30085

22857 IRWIN ARMADA, MICHIGAN 48005 (810) 784-4800



LEGEND:

- R = RECORDED
- M = MEASURED
- C = CALCULATED
- SIC = SET IRON W./ CAP
- FIG = FOUND IRON W./CAP
- FI = FOUND IRON
- FM = FOUND MONUMENT

CLIENT JOHN STEVENS

DRAWN BY: L.C.S. CHK'D BY: D.H.K.



1" = 100'	10-7-96
SCALE SHEET	DATE JOB No.
1 OF 1	96175

Property Description:

Part of the Southeast 1/4 and the Southwest 1/4 of Section 14, T.5N., R.12E., Bruce Township, Macomb County, Michigan is described as: Commencing at the West 1/4 corner of Section 14; thence N.88°55'12"E., 1833.62 feet along the East-West 1/4 line and the centerline of Ebeling Road to the Point of Beginning; thence continuing along said line N.88°55'12"E., 466.36 feet; thence S.00°41'04"E., 410.00 feet; thence N.88°55'12"E., 331.71 feet; thence N.00°41'04"W., 410.00 feet to a point on the East-West 1/4 line of Section 14 and the centerline of Ebeling Road; thence along the East-West 1/4 line of Section 14 and the centerline of Ebeling Road N.88°55'12"E., 170.46 feet to the Center Post of Section 14; thence continuing along said line N.88°55'26"E., 326.83 feet; thence S.00°40'50"E., 441.88 feet; thence N.89°52'13"E., 489.32 feet measured, (489.31 record), to a point on the West line of "The Sanctuary" M.C.C.P. #496 as recorded in Liber 8382, Page 513 and amended in Liber 8502, Page 920 and Liber 9313, and Page 136 of the Macomb County Records; thence along said line S.01°06'04"E., 2190.08 feet measured, (2189.98 feet record), to a point on the South line of Section 14; thence S.89°52'17"W., 835.16 feet measured, (835.14 feet record), along the South line of Section 14 to the South 1/4 corner; thence continuing along said line S.88°52'33"W., 1344.43 feet measured, (1344.31 feet record); thence N.00°16'08"W., 2264.52 feet measured, (2264.45 feet record); thence N.88°55'10"E., 360.00 feet; thence N.00°16'38"W., 363.00 feet; to the Point of Beginning and containing 119.284 acres.

Subject to the rights of the public for highway purposes along Ebeling Road and to all easements both recorded and unrecorded.

Witnesses:

- W.1/4 corner Sec. 14-F bolt spike in mon. box.
- NE-43.91' to form nail in disc #17623 in E. face p. pole.
- ESE-79.33' to form nail in disc #17623 in S. face p. pole.
- SW-79.63' to mag nail in S.E. face p. pole.
- WNW-32.64' to mag nail in N.E. face of 24" Maple.
- Con. Post Sec. 14-F mag nail.
- N-37.11' to mag nail in 6" Elm.
- NE-86.75' to pk nail in 14" Maple.
- SE-54.27' to pk nail in Mich. Bell pole.
- NW-63.82' to pk nail in S. face 20" Oak.
- E.1/4 corner Sec. 14-F 5/8" bar in mon. box.
- N45°E-48.42' to pk nail w/washer in S.E. face of u. pole.
- S45°E-35.75' to mag nail in S. face of u. pole.
- S75°W-87.75' to center of steel vent pipe.
- N60°W-48.36' to mag nail in N.E. face u. pole.
- SE corner Sec. 14-F 1/2" bar.
- E-53.55' to pk nail in u. pole.
- N60°E-120.33' to S.W. corner brick garage.
- S45°W-50.84' to center 4" steel vent pipe.
- W-53.52' to mag nail in S. face of u. pole.
- S.1/4 corner Sec. 14-F 1/2" bar.
- S60°E-12.96' to pk nail in S.W. face of 6" Thornapple.
- N30°E-46.07' to pk nail in W. face of 5" Maple.
- N25°W-26.22' to pk nail in E. face of 12" Cottonwood.
- S30°W-7.24' to nail/tag in W. face of 14" ash.
- S.W. corner Sec. 14-F 5/8" bar.
- SW-89.80' to form nail w/MDSH disc in S.E. face u. pole.
- SE-64.48' to form nail w/MDSH disc in S.W. face u. pole.
- E-36.36' to form nail w/MDSH disc in N. face u. pole.
- NE-102.46' to form nail w/MDSH disc in W. face u. pole



CIVIL ENGINEERS PLANNERS LAND SURVEYORS
8800 33 MILE ROAD SHELBY TWP., MI 48316-4816

LEGEND

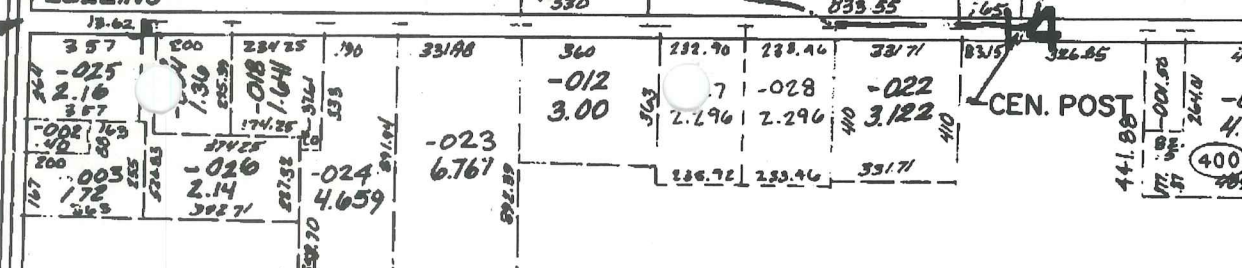
- FIB - Found Iron Bar @
- FIP - Found Iron Pipe @
- SIB - Set Iron Bar/Cap @
- R - Record Distance
- M - Measured Distance
- C - Calculated

WARREN C. AVEY
LICENSED LAND SURVEYOR
No. 30076

Date 3-16-00
Drawn CNR
Check W.C.A.
Sheet 2 of 2
Fld. Bk
Job No.
000103-5027

W. 1/4 POST-

I-6



CEN. POST

2628.78'



-029
114.692

300

S.W. COR:

S. 1/4 POST

I-7

I-K

N.W. COR:

2688.73

1323.16

J-7

N. 1/4 POST

-001
80.00 C.R.
83.27 PL.

100

-002
40.00

-005

300

W. 1/4 POST-

I-8

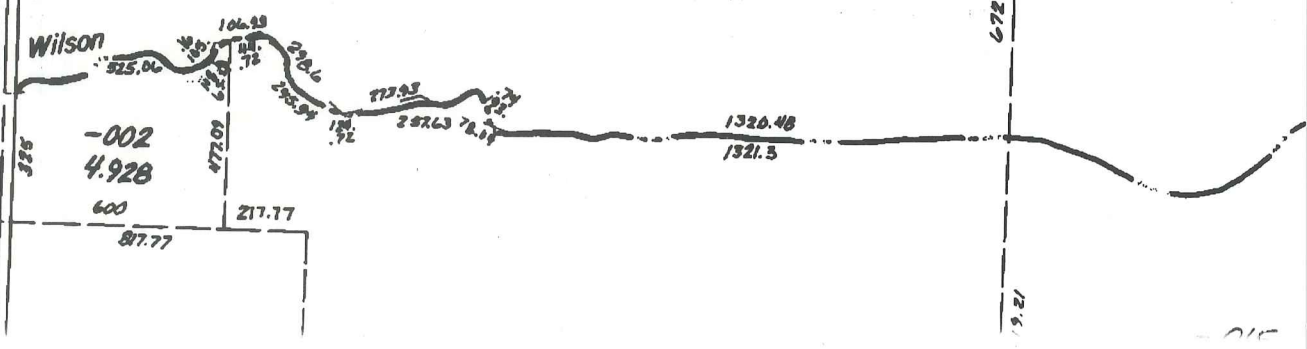
CEN. POST

23

Wilson

-002
4.928

-013



I-6

I-7

J-7

36 MILE

EARL MEMORIAL

NORDMAN

I-8



~~NR~~

01-15-200-008
01-15-200-010
01-15-200-011
01-15-200-012
01-15-200-013
01-15-200-015

EBEL

I-6

DINO

PETERS

MARINO

NADIA

00-D02

MRU 01-15-325-013

01-15-300-024
01-15-300-025
01-15-300-026

01-15-300-019
01-15-300-008

I-7

MILE

H-7

EARL MEMORIAL

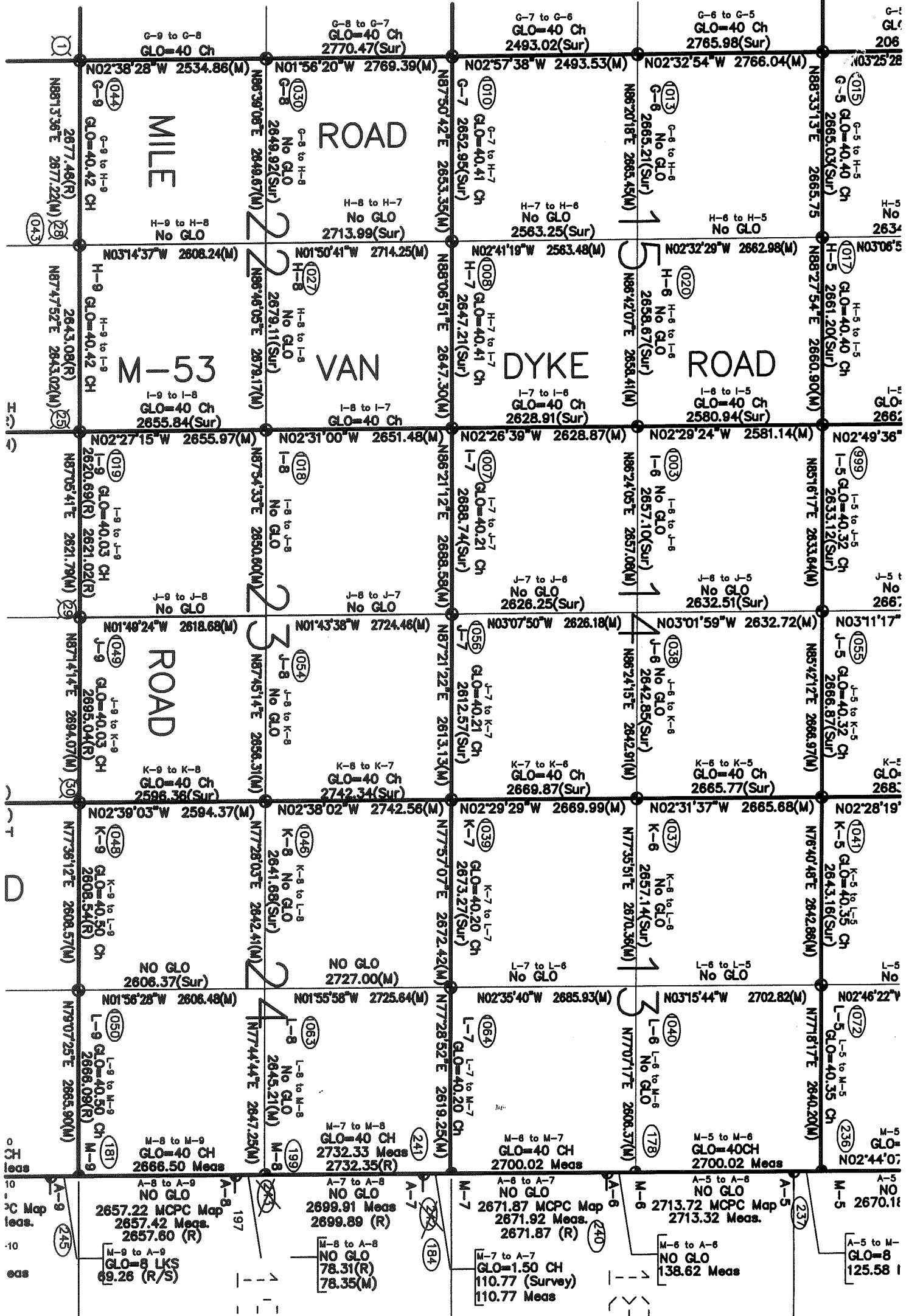
JUDGES

NORDMAN

I-8

01-22-400-034

01-22-100-034



T.5N.-R.13E.

4/9