

**2004**

**MACOMB COUNTY REMONUMENTATION  
PROGRAM FOR BRUCE TOWNSHIP**

**Research Dossier for L-5**

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

<u>Macomb</u>	Located In:	Corner Code #
(County)	Bruce Township	
1. Public Land Survey	T <u>5N</u> R <u>12E</u>	<u>L-5</u>
	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 _____	_____
4. Lot No. _____, Recorded Plat _____		
5. Private Claims _____		

4160251  
 LIBER 15653 PAGE 21



07/14/2004 08:48:23 A.M.  
 MACOMB COUNTY, MI SEAL  
 CARMELLA SABAUGH, REGISTER OF DEEDS

**Register of Deeds Stamp & File Number**

	A	B	C	D	E	F	G	H	I	J	K	L	M
1													
2		6		5		4		3		2		1	
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8		19		20		21		22		23		24	
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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-GLO Wampler, D.S.; Set Post 11" Ironwood S43°W 13 Links; 6" Elm S69°E 23 Links  
 1.) 1972-Kobs, PS #14097; LCRC L.2268, Pg.697 – Fnd a ½" Pipe  
 2.) 1990-Fluhart, PS #18223; LCRC L.4847, Pg.546 – Fnd a ¾" Pipe in a existing tree line  
 3.) 1990-Avey, PS #15396; LCRC L.4983, Pg.764 – Fnd a ½" Pipe

(Con't 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 – The corner has been perpetuated with a ½" Iron Rod 5 feet East of the existing center line of Brown Road extending to the North and South, which has a gravel surface, also an old fence line extending to the West. The corner falls 15 feet South of a gravel driveway to the East. The witnesses from the LCRC's recorded in Liber 4847, page 546 and Liber 6993, page 49, and the unrecorded survey done by Jeffrey Wright, PS #40165 does not verify this position or the distance between L-4 and L-5 as shown on the survey recorded in Liber 6993, page 49 and the unrecorded survey by Jeffrey A. Wright, PS #40165.

The corner was recovered based upon the found monumentation per the survey recorded in Liber 6993, page 49 and the unrecorded survey by Jeffrey A. Wright, PS #40165.

Witnesses from LCRC's #8, 9, and the distance between L-4 and L-5 as shown on a survey #5 closely verify the position of this corner.

I accepted the recovered position 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:  
 L-5 I set a ¾" x 24" Iron Rod w/2" aluminum cap stamped "Macomb County Monument, MI" Act # 45, PS # 17623  
 N42°W 75'40" SE cor. of concrete pillar ("COLBYDALE FARMS")  
 S11°W 131.00' Set Mag Nail w/washer East face Power Pole  
 N09°W 182.48' Set Mag Nail w/washer East face Power Pole  
 N22°E 72.35' Set Mag Nail w/washer NW face 15" Chinese Elm  
 N47°E 99.58' Set Mag Nail w/washer SE face 18" Chinese Elm  
 S13°E 0.73' found ½" Iron Rod



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

Signed by: [Signature]  
 Surveyor's Michigan License No: 17623

Date June 30, 2004

ACCEPTED BY THE MACOMB COUNTY SURVEY PEER GROUP AS THE OFFICIAL CORNER UNDER MICHIGAN PUBLIC ACT 345 OF 1990 AT A MEETING HELD ON 6/29/04  
[Signature]

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

### Section "A" Con't

- 4.) 1990-Fluharty, PS #18223; Survey L.4847, Pg.545 – Fnd a  $\frac{3}{4}$ " Pipe, used same wit as 1990 LCRC
- 5.) 1996-King, PS #30085; Survey L.6993, Pg.49 – Fnd a  $\frac{1}{2}$ " Pipe used same wit as 1996 LCRC
- 6.) 1990-Avey, PS #15396; Unrecorded Survey – Object found not stated, no witnesses
- 7.) 1998-Wright, PS #40165; Unrecorded Survey – Object found not stated, no witnesses
- 8.) 1996-King, PS #30085; LCRC L.6952, Pg.758 – Fnd a  $\frac{1}{2}$ " Pipe
- 9.) 1997-Wright, PS #40165; LCRC L.7454, Pg.903 – Fnd a  $\frac{1}{2}$ " Bar

### Section "B" Con't

#### FIELD MEASUREMENTS BETWEEN CORNERS

##### L-5 to K-5

GLO = 40.35 chains or 2663.10 Ft.  
Survey recorded in Liber 4847, page 545 = 2643.31 Ft.  
Survey recorded in Liber 6993, page 49 = 2642.81 Ft.  
Unrecorded survey by Jeffrey A. Wright, PS #40165 dated 12/11/98 = 2642.78 Ft.  
S76°39'54" W 2642.63 Ft. (m)

##### L-5 to L-4

No GLO  
Survey recorded in Liber 4847, page 545 = 2671.26 Ft.  
Survey recorded in Liber 6993, page 49 = 2672.72 Ft.  
Unrecorded survey by Herbert G. Avey, PS #15396 dated 1/26/90 = 2671.31 Ft.  
Unrecorded survey by Jeffrey A. Wright, PS #40165 dated 12/11/98 = 2672.76 Ft.  
N02°45'55" W 2672.69 Ft. (m)

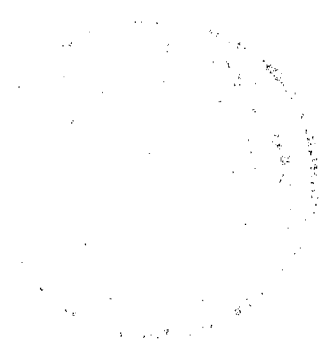
##### L-5 to L-6

No GLO  
S03°16'10" E 2703.47 Ft. (m)

Liber 015653 Page 00022

##### L-5 to M-5

GLO = 40.35 chains or 2663.10 Ft.  
N77°19'12" E 2640.40 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 NOTES

Researching the government survey records for Macomb County shows that the North & West lines of Bruce Township was surveyed and the township was subdivided into sections with closing corner set on the North & West township lines. A post was set at the South ¼ corner of Section 12 and the North ¼ corner of Section 13 by Joseph Wampler, D.S. in 1817.

WITNESSES: (Based upon Government Survey Records)

11" Ironwood	S43°W	13 Links
6" Elm	S69°E	23 Links

## EXISTING CONDITIONS

The original government post has been obliterated and the witness trees have been destroyed. The corner has been perpetuated with a ½" Iron Rod 5 feet East of the existing center line of Brown Road extending to the North and South, which has a gravel surface, also an old fence line extending to the West. The corner falls 15 feet South of a gravel driveway to the East. The witnesses from the LCRC's recorded in Liber 4847, page 546 and Liber 6993, page 49, and the unrecorded survey done by Jeffrey Wright, PS #40165 does not verify this position or the distance between L-4 and L-5 as shown on the survey recorded in Liber 6993, page 49 and the unrecorded survey by Jeffrey A. Wright, PS #40165.

The corner was recovered based upon the found monumentation per the survey recorded in Liber 6993, page 49 and the unrecorded survey by Jeffrey A. Wright, PS #40165.

## LCRC AND RECORDED SURVEYS

Researching the Macomb County Records for Land Corner Recordation Certificates (LCRC) shows that Herbert J. Kobs, PS #14097 recorded a LCRC on March 7, 1972 and found a ½" Pipe.

WITNESSES: (Based upon LCRC recorded in Liber 2268, page 697 of Macomb County Records)

- Nail & Washer in corner fence post – West – 27.87 Ft. (gone)
- SE corner of 4" x 4" wood post – N45°W 41.49 Ft. (gone)
- SW corner of 4" x 4" wood post – N45°E 44.96 Ft. (gone)
- Nail & Washer in corner fence post – East – 23.15 Ft. (gone)

Herbert L. Fluharty, PS #18223 recorded a LCRC on April 6, 1990 in Liber 4847, page 546 of Macomb County Records. He found a ¾" Pipe in an existing tree line from West 12 feet South of the center line of drive to East, 3 feet of center line North-South road.

WITNESSES:

- Nail in 20" Maple N15°E 121.94 Ft. (123.20' m center of tree )
- Nail in 12" Chinese Elm N52°E 98.59 Ft. (99.40' m center of tree)
- Center of N'ly main line valve N85°W 173.00 Ft. (in fenced yard)
- Nail in Power Pole S17°W 132.75 Ft. (131.02' m new pole)

Herbert G. Avey, PS #15396 recorded a LCRC on October 29, 1990 in Liber 4983, page 764 of Macomb County Records. He found a ½" Pipe.

**WITNESSES:**

- 71.19 Ft. NE to PK Nail NW face 10" tree (72.74' m center of tree)
- \*181.61 Ft. NW to PK Nail West face Power Pole (182.01' m)
- 132.64 Ft. SW to PK Nail SE face Power Pole (131.02' m new pole)
- 87.04 Ft. SE to PK Nail East face 3" tree (85.90' center of stump)

Donald H. King, PS #30085 recorded a LCRC on March 20, 1996 in Liber 6952, page 758 of Macomb County Records. He found a ½" Pipe.

**WITNESSES:**

- \*PK Nail North end CMP NW 29.65 Ft. (buried 29.52')
- \*PK Nail North end CMP NE 37.31 Ft. (37.32' m)
- \*PK Nail South end CMP ESE 16.90 Ft. (16.98' m)
- \*PK Nail 6" x 6" Wood Post SW 32.51 Ft. (32.45' m)

Jeffrey A. Wright, PS #40165 recorded a LCRC on May 14, 1997 in Liber 7454, page 903 of Macomb County Records. He found a ½" Bar.

**WITNESSES:**

- \*37.40 Ft. NE to PK top North end CMP (37.32' m)
- \*16.90 Ft. ESE to PK top South end CMP (16.98' m)
- \*32.44 Ft. SW to PK @ SE corner 4" x 4" wood post (32.45' m)
- \*130.91 Ft. SSW to PK E'ly side Utility Pole (131.02' m)
- \*123.30 Ft. NNE to Mag Nail West side 24" Maple (123.20' to center of 28" Maple)

Herbert L. Fluharty, PS #18223 recorded a survey on April 6, 1990 in Liber 4847, page 545 of Macomb County Records. He found a ¾" Pipe, and used the same witnesses as those listed above on the 1990 LCRC.

Donald H. King, PS #30085 recorded a survey on April 25, 1996 in Liber 6993, page 49 of Macomb County Records. He found a ½" Pipe, and used the same witnesses as those listed above on the 1996 LCRC.

**UNRECORDED SURVEYS AND WITNESSES**

Herbert G. Avey, PS #15396 did a survey on January 26, 1990. Object found not stated, no witnesses.

Jeffrey A. Wright, PS #40165 did a survey on December 11, 1998. Object found not stated, no witnesses.

**FIELD MEASUREMENTS BETWEEN CORNERS**

**L-5 to K-5**

GLO = 40.35 chains or 2663.10 Ft.

Survey recorded in Liber 4847, page 545 = 2643.31 Ft.

Survey recorded in Liber 6993, page 49 = 2642.81 Ft.

Unrecorded survey by Jeffrey A. Wright, PS #40165 dated 12/11/98 = 2642.78 Ft.

S76°39'54" W 2642.63 Ft. (m)



L-5 to L-4

No GLO

Survey recorded in Liber 4847, page 545 = 2671.26 Ft.

Survey recorded in Liber 6993, page 49 = 2672.72 Ft.

Unrecorded survey by Herbert G. Avey, PS #15396 dated 1/26/90 = 2671.31 Ft.

Unrecorded survey by Jeffrey A. Wright, PS #40165 dated 12/11/98 = 2672.76 Ft.

N02°45'55" W 2672.69 Ft. (m)

L-5 to L-6

No GLO

S03°16'10" E 2703.47 Ft. (m)

L-5 to M-5

GLO = 40.35 chains or 2663.10 Ft.

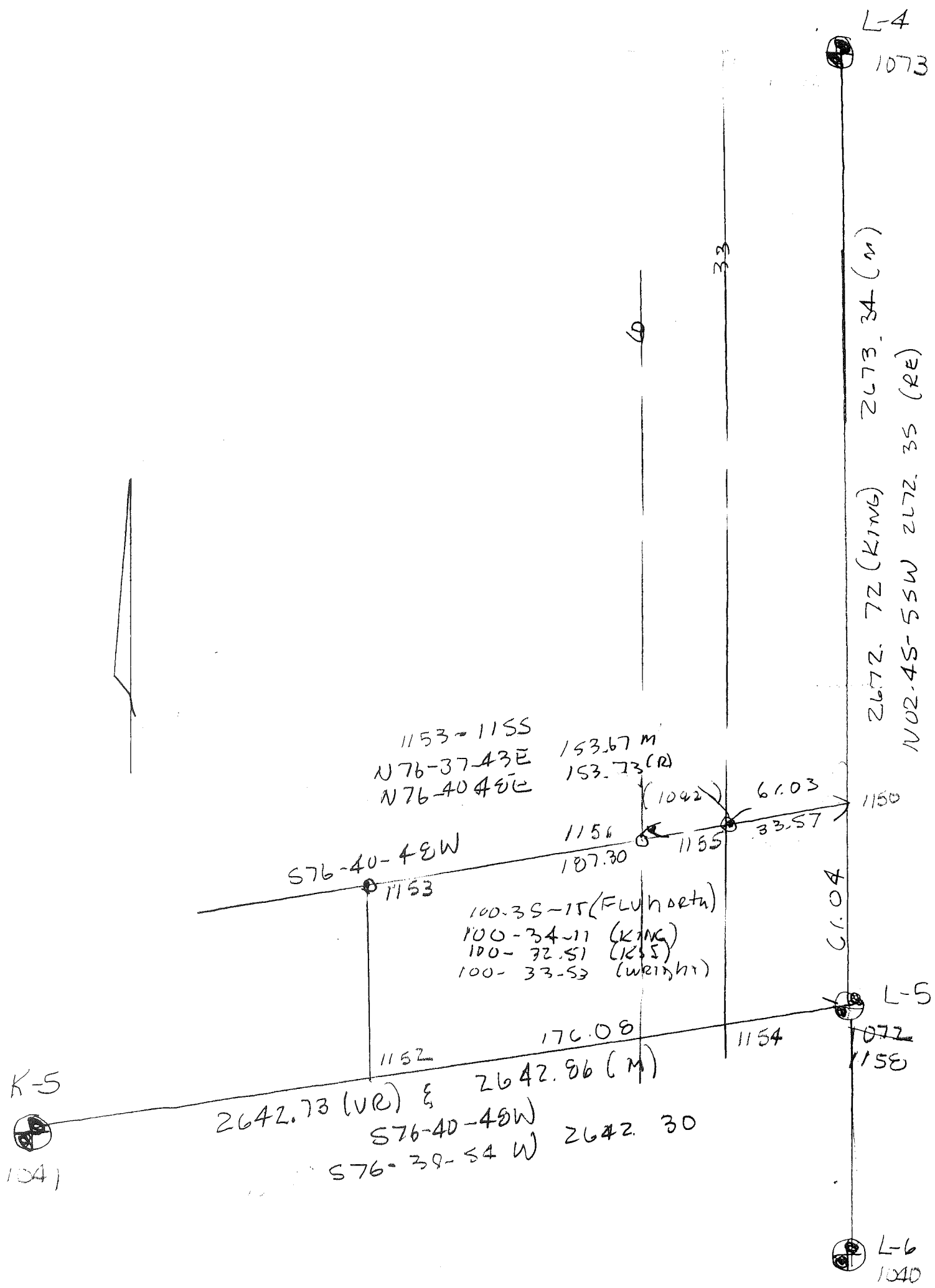
N77°19'12" E 2640.40 Ft. (m)

The corner was recovered based upon a survey recorded in Liber 6993, page 49 and the unrecorded survey by Jeffrey A. Wright, PS #40165 falls S31°E 0.73 of a foot from the found ½" Iron Rod, which I am not recommending for approval. I recommend to the Macomb County Peer Group that they accept the position of this corner based upon the method used to recover this corner as described on the proceeding page as the best evidence of the corner position to be perpetuated.

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Huston K. Kennedy, PS  
Kennedy Surveying, Inc.

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



From 5 North Range - East

N8740 on R.L. betw S 13 & 24

23.00 Ent<sup>d</sup> prop.

40.00 Set ten  $\frac{1}{2}$  m. front

47.00 Left Do.

80.40 Ent<sup>d</sup> R.L. at post

Level brushy fallen timber Land.

N8740 Betw S 13 & 24

40.20 moved ten  $\frac{1}{2}$  m. fr. to av. D.

Ask 10 S 34 E 14

Elm 20 N 75 W 20

North Betw S. 13 & 14

40.00 Set  $\frac{1}{2}$  m. front from which

Ask 5 N 89 E 33 no other

60.00 Brook in the East

60.00 Set front cor. S 11, 12, 13, 14 from

which an Elm 7 N 20 E 18

Do 9 S 78 W 28

Level fallen timber Land.

N86 E. On R.L. betw S 12 & 13

30.00 Creek 50 yds S.

40.00 Set ten  $\frac{1}{2}$  m. front

80.70 Ent<sup>d</sup> R.L. 10 yds N

Land with profy brushy Land  
fallen tim.

N86 W Corrected betw S. 12 & 13

40.35 moved ten  $\frac{1}{2}$  m. fr. to av. D.

Ask 11 S 43 W 13

Elm 6 S 69 E 23

North Betw S. 11 & 12

40.00 Set  $\frac{1}{2}$  mile front from which

# LAND CORNER RECORDATION CERTIFICATE

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

BOOK 2268 PAGE 697

A110000

FOR CORNERS OF—	LOCATED IN—	CORNER CODE NUMBER
1. PUBLIC LAND SURVEY _____	T. <u>5</u> N. S. R. <u>12</u> E. W.	L-5
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: 8:30 A.M.  
MAR - 7 1972

*Edna Miller*  
CLERK - REGISTER OF DEEDS  
MACOMB COUNTY, MICHIGAN

REGISTER OF DEEDS STAMP AND  
FILING NUMBER

I, Herbert J. Kobs 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 November 9, 1971, 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:

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

Found 1/2" pipe

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

1/2" pipe  
Nail & washer in corner fence post - West - 27.87'  
S.E. corner of 4" X 4" wood post - N 45° W - 41.49'  
S.W. corner of 4" X 4" wood post - N 45° E - 44.96'  
Nail & washer in corner fence post - East - 23.15'

SIGNED BY *Herbert J. Kobs* DATE February 29, 1972  
Herbert J. Kobs

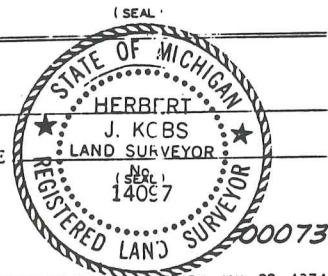
SURVEYOR'S MICHIGAN REGISTRATION NO. 14097

FOR STATE AND UNITED STATES AGENCIES:

SIGNED BY \_\_\_\_\_ DATE \_\_\_\_\_  
CHIEF OF SURVEY PARTY

APPROVED AND SIGNED BY \_\_\_\_\_ DATE \_\_\_\_\_  
MICHIGAN REGISTERED LAND SURVEYOR

SURVEYOR'S MICHIGAN REGISTRATION NO. 126



LIBER 048476546

B453436

LAND CORNER RECORDATION CERTIFICATE

Filing Requirement of Act 74, Mich. P.A. 1970

RECORDED IN MACOMB COUNTY RECORDS AT: 11.25A M

APR 06 1990

Ed ...

CLERK - REGISTER OF DEEDS MACOMB COUNTY, MICHIGAN

Register of Deeds Stamp & File Number

For corners in

Macomb (County)

Located In:

Corner Code #

- 1. Public Land Survey T 5N R 12E K-5
T 5N R 12E L-5
T 5N R 12E L-4
T R
2. Property Controlling in Section S T R
S T R
3. Miscellaneous Property in Sec. S T R
S T R

- 4. Lot No. Recorded Plat
5. Private Claims

I, Herbert L. Fluharty in a field survey on May 24, 19 89, 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 therefor 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 4 corners, all in the same town and range, may be recorded on this certificate.

Grid table with columns A-M and rows 2-13. Contains numerical data points for survey locations.

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

GLO notes are available at Macomb Co. courthouse.



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

- K-5 FD. 1/2" Iron, 2' N. of Fence to W. and On Fence to E., on centerline N-S Rd.
L-5 FD. 3/4" Pipe on Ext. of treeline from W., 12' S. of centerline drive to E., 3' E. of centerline N-S Rd.
L-4 FD. 1/2" Iron at centerline of intersection N-S Rd. and Rd. to E.

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

- K-5 FD. 1/2" Iron; witnesses; Nail in P.P., S14E, 102.00'; Nail in 6" ELM, S50W, 54.32'; Nail in Fence post, West, 37.25'; Nail in Fence post, N82E, 34.03'
L-5 FD. 3/4" Pipe; witnesses; Nail in 20" MAPLE, N15E, 121.94'; Nail in 12" Chinese ELM, N52E, 98.59'; Center of N'ly Mainline valve, N85W, 173.00'; Nail in P.P., S17W, 132.75'
L-4 FD. 1/2" Iron; witnesses; Cen. of NGS Mon., S50W, 35.69'; Nail in P.P., N20W, 58.63'; Nail in 40" MAPLE, S67E, 78.40'

Signed by Herbert L. Fluharty Date 3/27/90
Surveyor's Michigan License No. 18223

99

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

B518176

RECORDED IN MACOMB COUNTY  
RECORDS AT: 2:10 P.M.

OCT 29 1990

*Edna Hill*

CLERK - REGISTER OF DEEDS  
MACOMB COUNTY, MICHIGAN

Register of Deeds Stamp & File Number

For corners in

Macomb  
(County)

Located In: Sec. 12  
Bruce Township

Corner Code ##

1. Public Land Survey

T 5N. R 12E.  
T 5N. R 12E.

L-4  
L-5

2. Property Controlling  
in Section

S \_\_\_ T \_\_\_ R \_\_\_  
S \_\_\_ T \_\_\_ R \_\_\_

3. Miscellaneous  
Property in Sec.

S \_\_\_ T \_\_\_ R \_\_\_  
S \_\_\_ T \_\_\_ R \_\_\_

4. Lot No. \_\_\_\_\_, Recorded Plat \_\_\_\_\_  
5. Private Claims \_\_\_\_\_

I, Herbert G. Avey, in a field survey on January 25, 19 90, 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 4 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:

L-4 Witnesses recorded in L. 2268, P. 695 M.C.R. were gone.

L-5 Witnesses recorded in L. 2268, P. 697 M.C.R. were used.

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

L-4 Found  $\frac{1}{2}$ " Bar in centerline intersection Brown & Reid Roads.

L-5 Found  $\frac{1}{2}$ " pipe

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

L-4 58.61' N.W. to P.K. nail in Flasher N.E. face P. Pole.  
153.68' E.NE. to P.K. nail in N. face P. Pole.  
81.81' S.E. to P.K. nail N.E. face 70" White Oak.  
35.66' S.W. to N.G.S. Marker #2 1943/1976.

L-5 71.19' N.E. to P.K. nail, N.W. face 10" tree.  
181.61' N.W. to P.K. nail, W. face P. Pole.  
132.64' S.W. to P.K. nail, S.E. face P. Pole.  
87.04' S.E. to P.K. nail, E. face 3" tree.

	A	B	C	D	E	F	G	H	I	J	K	L	M
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													

Signed by Herbert G. Avey Date January 26, 1990  
Surveyor's Michigan License No. 15396



(93)

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

For corners in

<u>Macomb</u> <small>(County)</small>	Located In: <u>Bruce</u> Twp.	Corner Code <u>≠</u>
1. Public Land Survey	T <u>5N</u> R <u>12E</u>	<u>1-4</u>
	T <u>5N</u> R <u>12E</u>	<u>1-5</u>
	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 _____	_____
4. Lot No. _____, Recorded Plat _____		
5. Private Claims _____		

Register of Deeds Stamp & File Number

I, Donald H. King, in a field survey on February 20, 19 96, 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:

A	B	C	D	E	F	G	H	I	J	K	L	M
2	6	5	4	3	2	1						
3												
4	7	8	9	10	11	12						
5												
6	16	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												

**NOTE: Not more than 4 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:

*C0327832 LIBER:06952 PAGE:758 08:30A 03/20/1996  
 CARMELLA SABAUGH-MACOMB COUNTY, MI REG/DEEDS*

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

- (L-4) found 1/2" Iron; matched remaining witnesses from previous LCRC
- (L-5) found 1/2" Pipe



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

- |                                     |                                      |
|-------------------------------------|--------------------------------------|
| (L-4) 1/2" Iron                     | (L-5) 1/2" Pipe                      |
| Center of USGS Disc. Mon., SE 55.21 | PK Nail N end CMP, NW 29.65'         |
| NGS Alum. Disc. Mon., SW 35.69'     | PK Nail N end CMP, NE 37.31'         |
| PK Nail in Power Pole, NNW 58.51'   | PK Nail S end CMP, ESE 16.90'        |
| PK Nail in 8" Pine Tree, NE 75.20'  | PK Nail 6" x 6" Wood Post, SW 32.51' |

Signed by Donald H. King Donald H. King Date February 28, 1996  
 Surveyor's Michigan License No. 30085

02587 (146)

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

For corners in	Located In:	Corner Code #
Macomb (County)		
1. Public Land Survey	T <u>5N.</u> R <u>12E.</u>	<u>L-4, L-5</u>
	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 _____	_____

Register of Deeds Stamp & File Number

4. Lot No. \_\_\_\_\_, Recorded Plat \_\_\_\_\_  
 5. Private Claims \_\_\_\_\_

I, Jeffrey A. Wright, in a field survey on November 15, 1996 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	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													

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

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

- K-5 F. 1/2" Bar, as previously recorded
- L-3 F. 1/2" Pipe, as previously recorded



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

- |  |  |
|--|--|
| <p><b>L-4</b></p> <p>F. 1/2" Bar</p> <p>55.28' SE to USC &amp; GS Monument "Romeo 1943"</p> <p>58.61' NNW to PK NE side U. Pole</p> <p>75.26' NE to PK SE side 8" Pine</p> <p>35.71' SW to NGS Monument "1943; #2, 1976"</p> <p>55.35' NW to NGS Monument "1943; #3, 1976"</p> | <p><b>L-5</b></p> <p>F. 1/2" Pipe</p> <p>37.40' NE to PK top N. end CMP</p> <p>16.90' ESE to PK top S. end CMP</p> <p>32.44' SW to PK @ SE Cor. 4" x 4" wood post</p> <p>130.91' SSW to PK E'y side U. Pole</p> <p>123.30' NNE to Mag nail W. side 24" Maple</p> |
|--|--|

Signed by Jeffrey A. Wright Date: 18 DECEMBER 1996  
 Surveyor's Michigan License No. 40165



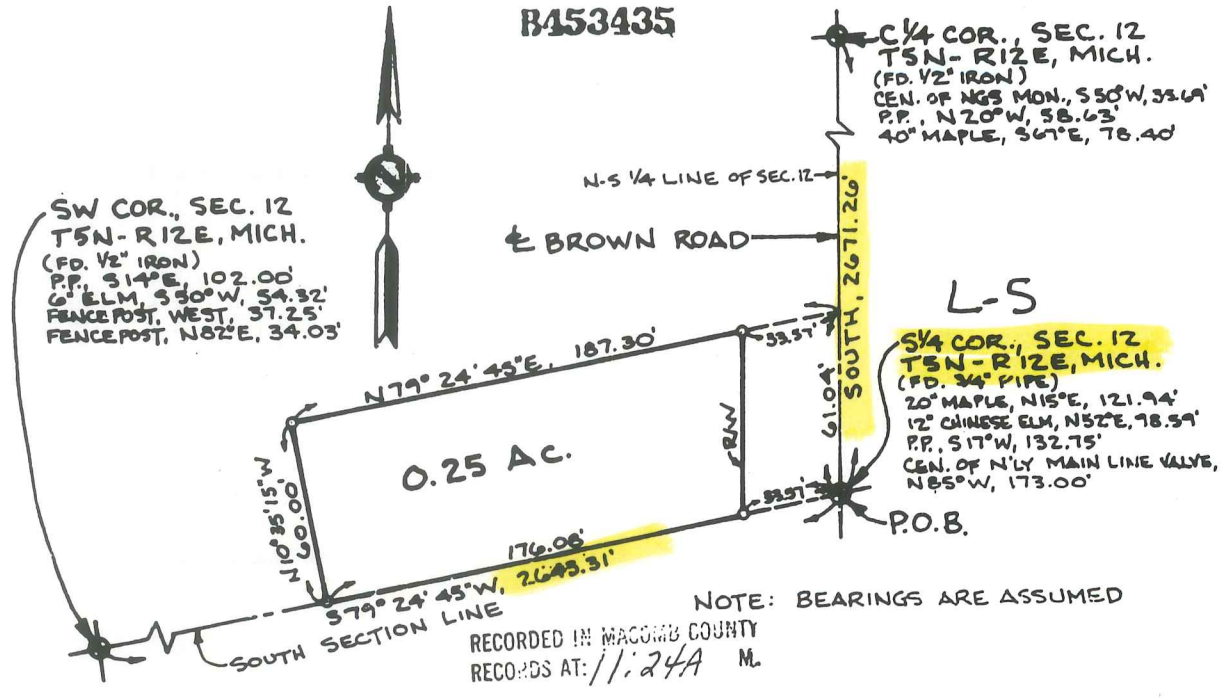
LIB# 048171545

# CERTIFICATE OF SURVEY

"ORIGINAL"

PART OF THE SW 1/4 OF SEC. 12, T5N-R12E, BRUCE TWP., MACOMB CO., MICHIGAN  
ORDERED BY: LAKEHEAD PIPE LINE CO., INC., 3751 MACKINAW RD., RT. #3, BAY CITY, MI 48706

B453435

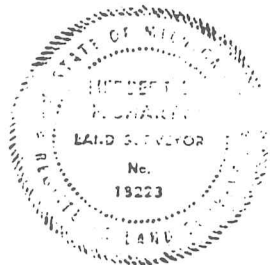


### PROPERTY DESCRIPTION

A parcel of land being a part of the Southwest 1/4 of Section 12, T5N-R12E, Bruce Township, <sup>CLERK - REGISTER OF DEEDS</sup> Macomb County Michigan, described as: Commencing at the South 1/4 corner of said Section 12 which is the POINT OF BEGINNING; thence S79 24' 45"W, 176.08' along the South line of said Section 12; thence N10 35' 15"W, 60.00' at a right angle to the South line of said Section 12; thence N79 24' 45"E, 187.30' parallel with the South line of said Section 12 to the North-South 1/4 line of said Section 12; thence South 61.04' along the North-South 1/4 line of said Section 12 to the POINT OF BEGINNING, containing 0.25 acre and subject to restrictions, reservations, rights-of-way and easements of record.

### SURVEYOR'S CERTIFICATE

I hereby certify that I have surveyed and mapped the land above platted and/or described on 5-24-89, and that the ratio of closure on the unadjusted field observations was 1 in 5000', and that all the requirements of P.A. 132 of 1970 as amended have been complied with.



MEARS ENGINEERING, INC.

BY: Herbert L. Dechant

DATE: 5-30-89

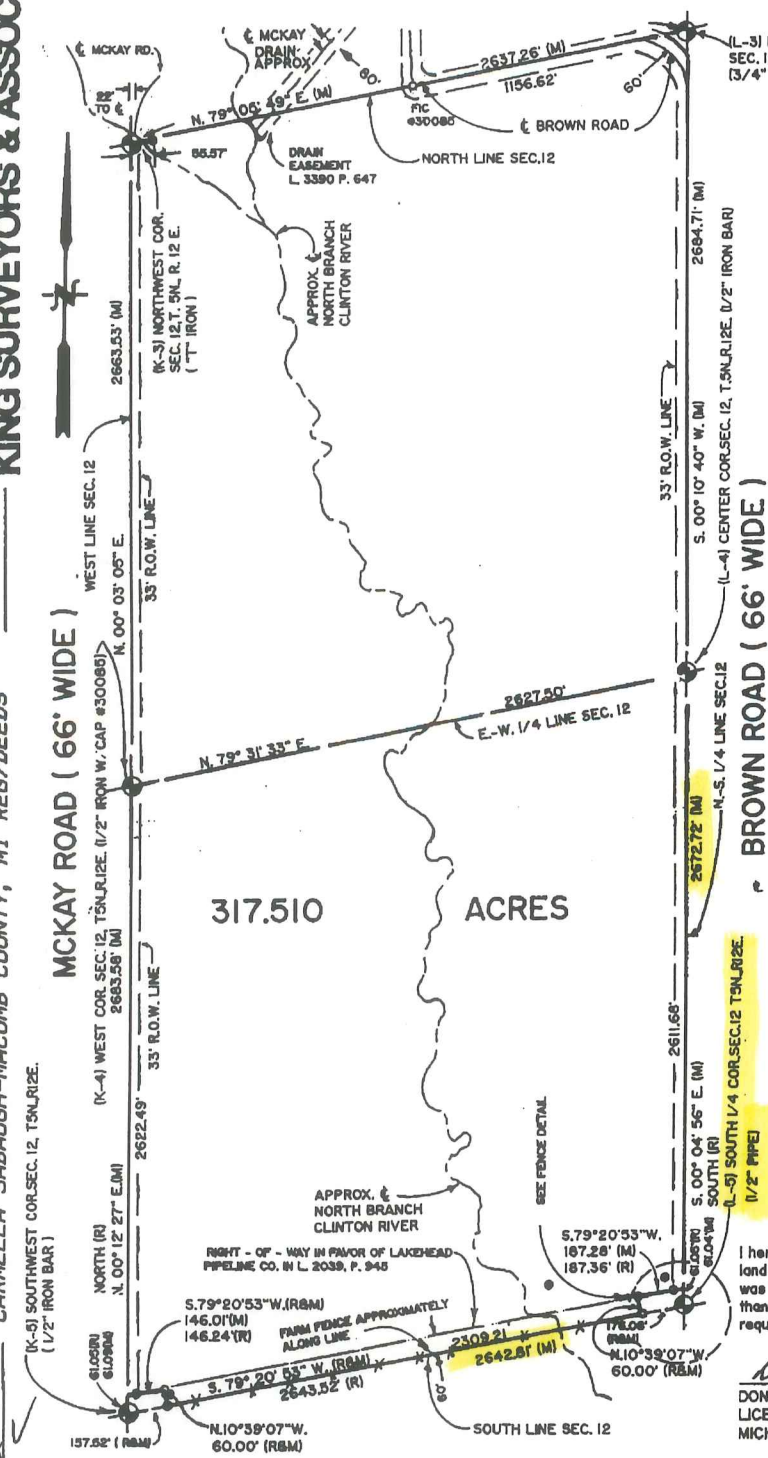
<b>LEGEND</b> ● - Found Iron ○ - Set 8" x 16" Iron W/LS Cap ▲ - Found Concrete Monument △ - Set Concrete Monument ○ - Other as Noted	DRAWN BY: M.L.S.	JOB NO. 7-40-034
	SCALE: 1" = 50'	SHEET 1 OF 1
	DATE: 5-30-89	REVISIONS:

Return to **MEARS ENGINEERING, INC.**  
 Corporate Office: 4800 N. Mission Rd., Rosebush, Michigan 48678 • (517) 433-2929  
 Southwest Area Office: P.O. Box 786, Cypress Texas 77429 • (713) 370-8302

# CERTIFICATE OF SURVEY

PART OF WEST 1/2 OF SECTION 12, T. 5 N., R. 12 E., BRUCE TOWNSHIP, MACOMB CO., MICHIGAN.

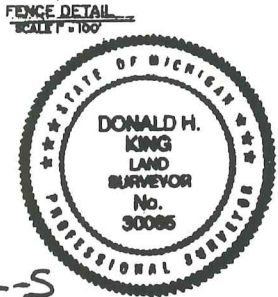
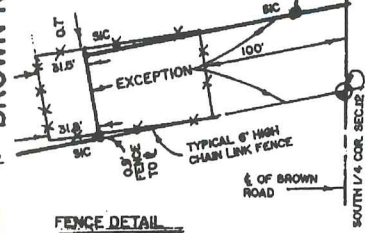
C0341662 LIBER:06993 PAGE:49 10:54A 04/25/1996  
 CARMELLA SABAUGH-MACOMB COUNTY, MI REG/DEEDS  
**KING SURVEYORS & ASSOC. INC.**



NOTE : ○ = SIC (SET IRON W/ CAP)  
 ● = MONITOR WELL

LOCATION OF NORTH BRANCH OF THE CLINTON RIVER IS PLOTTED FROM COUNTY PLANNING COMMISSION TAX MAPS AND IS APPROXIMATE ONLY. THE EXACT LOCATION HAS NOT BEEN VERIFIED IN FIELD.

(2) MONITOR WELLS HAVE BEEN FOUND NEAR THE SOUTHERN AREA OF PROPERTY JUST WEST OF BROWN ROAD R.O.W. LINE AND JUST EAST OF NORTH BRANCH OF THE CLINTON RIVER. BEARINGS RELATE TO DESCRIPTION OF RECORD OF 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  
 LICENSED LAND SURVEYOR  
 MICHIGAN LICENSE No. 30085

**111 RAWLES ROMEO, MICHIGAN 48065 (810) 752-2700**



**LEGEND:**  
 R = RECORDED  
 M = MEASURED  
 C = CALCULATED  
 SIC = SET IRON  
 FI = FOUND IRON ROD  
 FP = FOUND PIPE  
 FM = FOUND MONUMENT

CLIENT JOHN HANLEY  
JEAN HANLEY  
 DRAWN BY: RG CHK'D BY: D.H.K.  
 FILE No. 96031



1" = 600'	2 - 23 - 96
SCALE SHEET	DATE
1 OF 3	JOB No. 96031

SECTION CORNER DESCRIPTION AND ACCESSORIES

(K-3) Northwest Cor. Sec. 12, T5N, R12E  
(1/2" Iron)  
PK Nail in 10" Willow, NNW 37.93'  
PK Nail in 8" Maple, West 25.41'  
PK Nail in 10" Ash, SE 76.96'  
Nail w/cap No. 5787 in Tel. Pole, SW 82.12'

(L-3) North 1/4 Cor. Sec. 12, T5N, R12E  
(3/4" Pipe)  
PK Nail in 14" Ash, ENE 35.93'  
PK Nail in 10" W. Cherry, NW 44.75'  
PK Nail in top N. end CMP, West 32.90'  
PK Nail in top S. end CMP, South 31.69'

(K-4) West Cor. Sec. 12, T5N, R12E  
(1/2" Iron w/cap No. 30085)  
PK Nail in South Gate Post, NW 98.29'  
PK Nail in Power Pole, NE 167.00'  
PK Nail top of W. end CMP, SSW 74.39'  
PK Nail top of E. end CMP, SSE 76.67'

(L-4) Center Cor. Sec. 12, T5N, R12E  
(1/2" Iron)  
Center of USGS Disc Mon., SE 55.21'  
NGS Alum. Disc Mon., SW 35.69'  
PK Nail in Power Pole, NNW 58.51'  
PK Nail in 8" Pine Tree, NE 75.20'

(K-5) Southwest Cor. Sec. 12, T5N, R12E  
(1/2" Iron)  
C<sub>L</sub> 4" Steel Standpipe, 1' above ground, NE 60.26'  
C<sub>L</sub> 4" Steel Standpipe, 1' above ground, NW 58.50'  
PK Nail in 4" Oak, WSW 36.37'  
PK Nail in 5" Oak, SW 83.56'

(L-5) South 1/4 Cor. Sec. 12, T5N, R12E  
(1/2" Pipe)  
PK Nail N. end CMP, NW 29.65'  
PK Nail N. end CMP, NE 37.31'  
PK Nail S. end CMP, ESE 16.90'  
PK Nail 6" x 6" Wood Post, SW 32.51'

C0341662 LIBER:06993 PAGE:50 10:54A 04/25/1996  
CARMELLA SABAUGH-MACOMB COUNTY, MI REG/DEEDS



*Donald H. King*  
Donald H. King  
Professional Surveyor  
Michigan License No. 30085

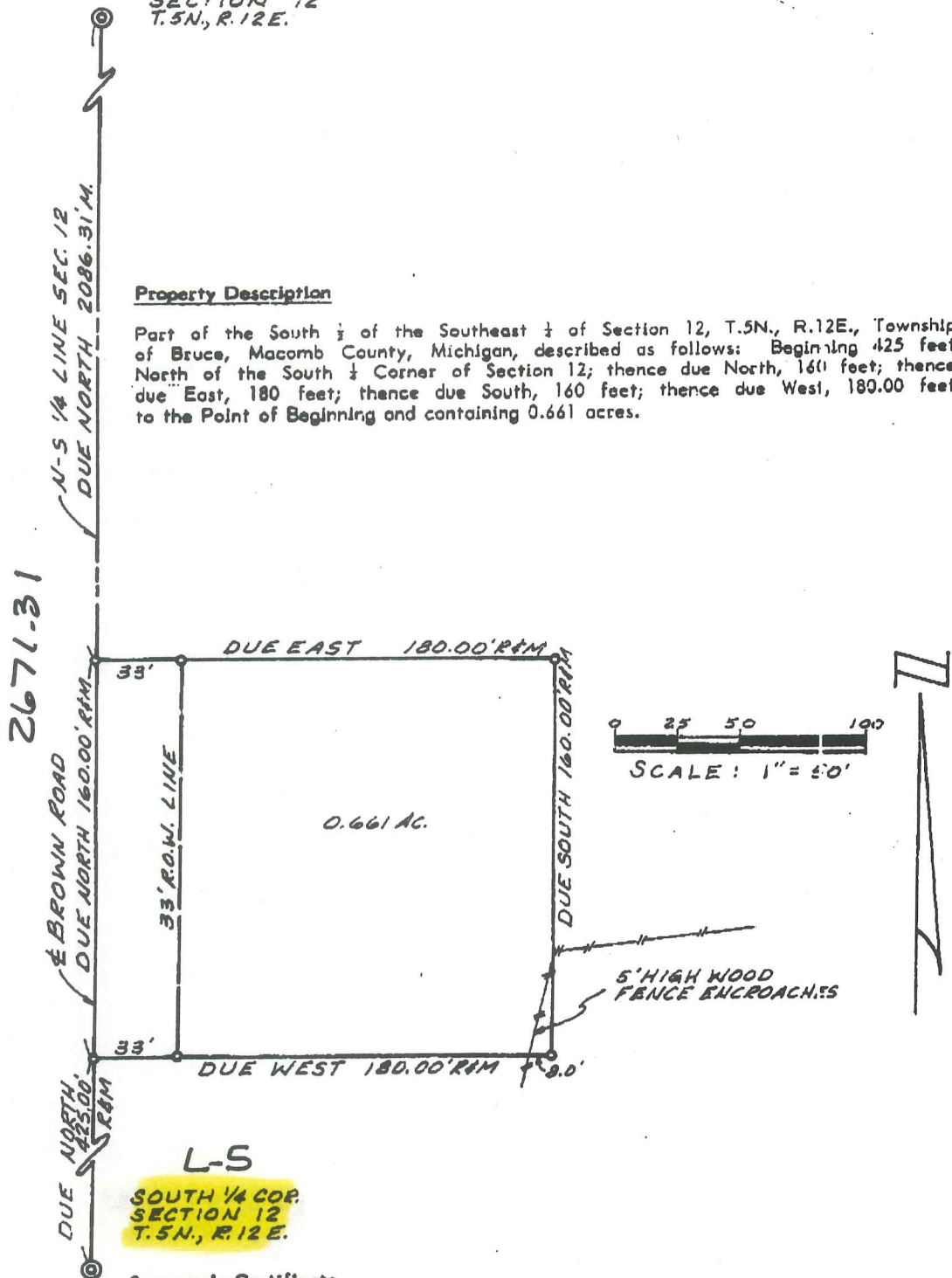
FOR : JOHN HANLEY AND JEAN HANLEY  
JOB NUMBER : 96081  
DATED : FEBRUARY 22, 1996  
SHEET : 2 OF 3



**CENTER POST  
SECTION 12  
T.5N., R.12E.**

**Property Description**

Part of the South  $\frac{1}{2}$  of the Southeast  $\frac{1}{4}$  of Section 12, T.5N., R.12E., Township of Bruce, Macomb County, Michigan, described as follows: Beginning 425 feet North of the South  $\frac{1}{2}$  Corner of Section 12; thence due North, 160 feet; thence due East, 180 feet; thence due South, 160 feet; thence due West, 180.00 feet to the Point of Beginning and containing 0.661 acres.



**L-5  
SOUTH 1/4 COR.  
SECTION 12  
T.5N., R.12E.**

**Surveyor's Certificate**

I hereby certify that I have surveyed and mapped the land above plotted and/or described on January 26, 1990 and that the ratio of closure on the unadjusted field observations of such survey was 1/infinity and that all of the requirements of P.A. 132 1970 have been complied with.

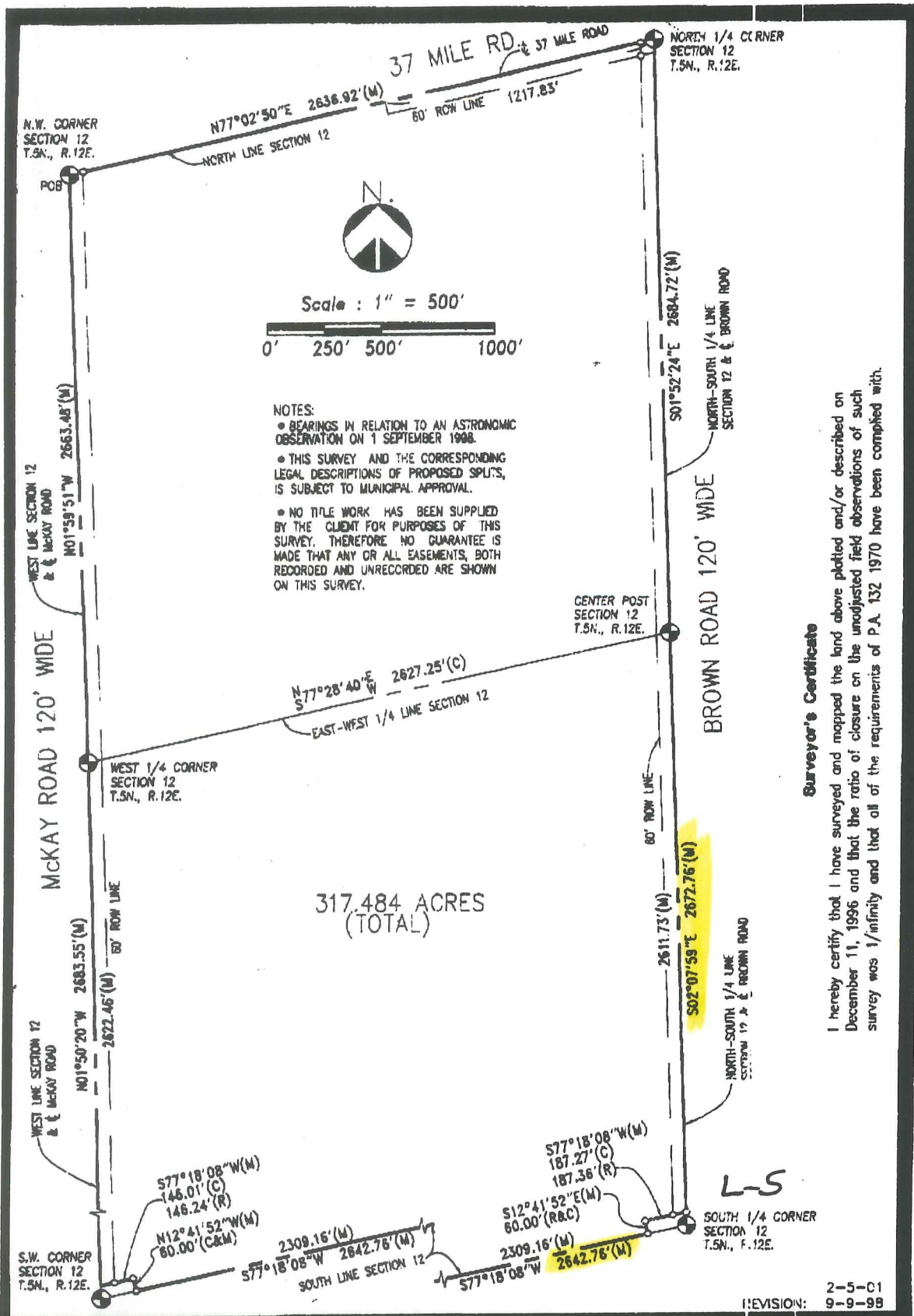
**URBAN LAND CONSULTANTS**  
313 731-8030  
CIVIL ENGINEERS • PLANNERS • LAND SURVEYORS  
8600 28 MILE ROAD UTICA MICHIGAN 48087

**LEGEND**

- FIB - Found Iron Bar
- FIP - Found Iron Pipe
- SIB - Set Iron Bar/Corner
- R - Record Distance
- M - Measured Distance

**Herbert G. Avey**  
Registered Land Surveyor  
No. 15396

Date 1/26/90  
Drawn H.G.A.  
Check  
Sheet 1 of 1  
Fld. Bk. -  
Job No. 100127-3275



**NOTES:**

- BEARINGS IN RELATION TO AN ASTRONOMIC OBSERVATION ON 1 SEPTEMBER 1988.
- THIS SURVEY AND THE CORRESPONDING LEGAL DESCRIPTIONS OF PROPOSED SPLITS, IS SUBJECT TO MUNICIPAL APPROVAL.
- NO TITLE WORK HAS BEEN SUPPLIED BY THE CLIENT FOR PURPOSES OF THIS SURVEY. THEREFORE NO GUARANTEE IS MADE THAT ANY OR ALL EASEMENTS, BOTH RECORDED AND UNRECORDED ARE SHOWN ON THIS SURVEY.

**Surveyor's Certificate**

I hereby certify that I have surveyed and mapped the land above plotted and/or described on December 11, 1996 and that the ratio of closure on the unadjusted field observations of such survey was 1/infinity and that all of the requirements of P.A. 132 1970 have been complied with.

REVISION: 2-5-01  
9-9-99

**URBAN LAND CONSULTANTS**

PHONE 810 731-8030  
FAX 810 731-2603

CIVIL ENGINEERS PLANNERS LAND SURVEYORS  
8800 23 MILE ROAD SHILOH TWP., MI 48318-4816

**LEGEND**

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

**JEFFREY A. WRIGHT**  
LICENSED LAND SURVEYOR  
No. 40165

Date 12-11-98  
Drawn W.S.B.  
Check  
Sheet 1 OF 2  
Fld. Bk.  
Jac No.  
980162-3342

Property Description

A parcel of land in the SW 1/4 Section 24, T.5N., R.12E., Bruce Township, Macomb County, Michigan described as: Commencing at the SW Corner Section 24; thence along the S. line Section 24 and the centerline of 34 Mile Road N.78°45'08"E., 1304.43 feet (1304.25 feet record) to the Point of Beginning; thence N.1°21'14"W., 2598.64 feet (2598.35 feet record) to a point on the E.-W. 1/4 line Section 24; thence along said line N.78°37'05"E., 1330.56 feet (1330.35 feet record) to the Center Post of Section 24; thence along the N.-S. 1/4 line Section 24 S.0°47'38"E., 1254.28 feet (1253.98 feet record); thence S.78°44'48"W., 658.96 feet (658.68 feet record); thence S.1°04'48"E., 1350.79 feet to a point on the S. line Section 24 and the centerline of 34 Mile Road; thence along said line S.78°45'08"W., 652.06 feet (651.97 feet record) to the Point of Beginning. Containing 57.441 acres.

Subject to the rights of the public for highway purposes along the S. line for 34 Mile Road and all other easements of record.

Witnesses:

W.1/4 Corner Section 24, T.5N., R.12E.

F. 1/2" bar

29.60' W. to "+" in S. side side 2"Ø steel fence post

41.68' ENE to "+" in N. side 2"Ø steel fence post

61.12' SE to MAG nail w/disk #40165 N. side 2-7" trees

57.43' E. to PK in N. side U. pole

SW Corner Section 24, T.5N., R.12E.

F. Remonumentation Marker #17623 in monument box

65.65' SSW to PK w/MCWT SE side U. pole

66.95' SE to PK w/MCWT SW side U. pole

60.94' NE to PK w/MCWT NW side U. pole

46.84' NW to PK w/MCWT NE side U. pole

S.1/4 Corner Section 24, T.5N., R.12E.

F. 3/8" bar in monument box

75.59' SW to MAG nail w/disk #40165 W. side 20" maple

31.34' N. to PK W. side U. pole

24.39' S. to MAG nail w/disk #40165 W. side 26" maple

77.78' NW to PK in 26" maple

48.88' NW to PK in 16" maple

Center Post Section 24, T.5N., R.12E.

F. 1/2" bar

7.66' E. to PK in S. side fence post

17.53' SSE to MAG nail w/disk #40165 in W. side 4" poplar

49.15' E. to MAG nail w/disk #40165 in S. side 15" Cedar

25.31' NNE to MAG nail w/disk #40165 in W. side 3" tree

within cluster of 3" trees

16.56' SE to MAG nail w/disk #40165 in NE side 4" poplar



URBAN  
LAND  
CONSULTANTS®

CIVIL ENGINEERS PLANNERS LAND SURVEYORS  
8800 23 MILE ROAD GENESEE TWP., MI 48118-4818

LEGEND

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

JEFFREY A. WRIGHT  
LICENSED LAND SURVEYOR  
No. 40165

Date 3-24-99  
Drawn KC  
Check  
Sheet 2 of 2  
Fld. Bk.  
Job No.  
990137-2653

Handwritten red mark resembling a stylized 'A' or '4'.



M-S

L-5

M-S

L-6

EBELING

BRO

01-13-200-001

01-13-100-002

01-13-100-001

Handwritten red mark resembling a stylized '7' or 'F'.



M-5

L-5

M-5

01-13-100-002

01-13-100-001

01-13-200-001

L-6

EBELING

BRO



N.E. COR.

M-S

E. 1/4 POST



200

- 004  
305.613

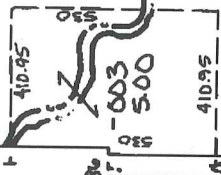
River

N. 1/4 POST

I-F

L-5

RD.



L-6

RD.

CEN. POST

N. Branch

Clinton

Drain

- 002  
104.41

100

- 001  
55.00

Apel

N.W. COR.

K-5

RD.

EBELING

N. 1/4 POST

N.E. COR.

M-5

E. 1/4 POST

River

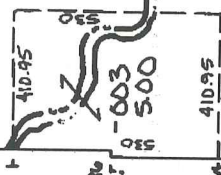
200

-004  
305.613

N. 1/4 POST

L-5 I-F

RD.



L-6

RD.

CEN. POST

N. Branch

Clinton

Drain

-002  
104.41

100

-001  
55.00

Apel

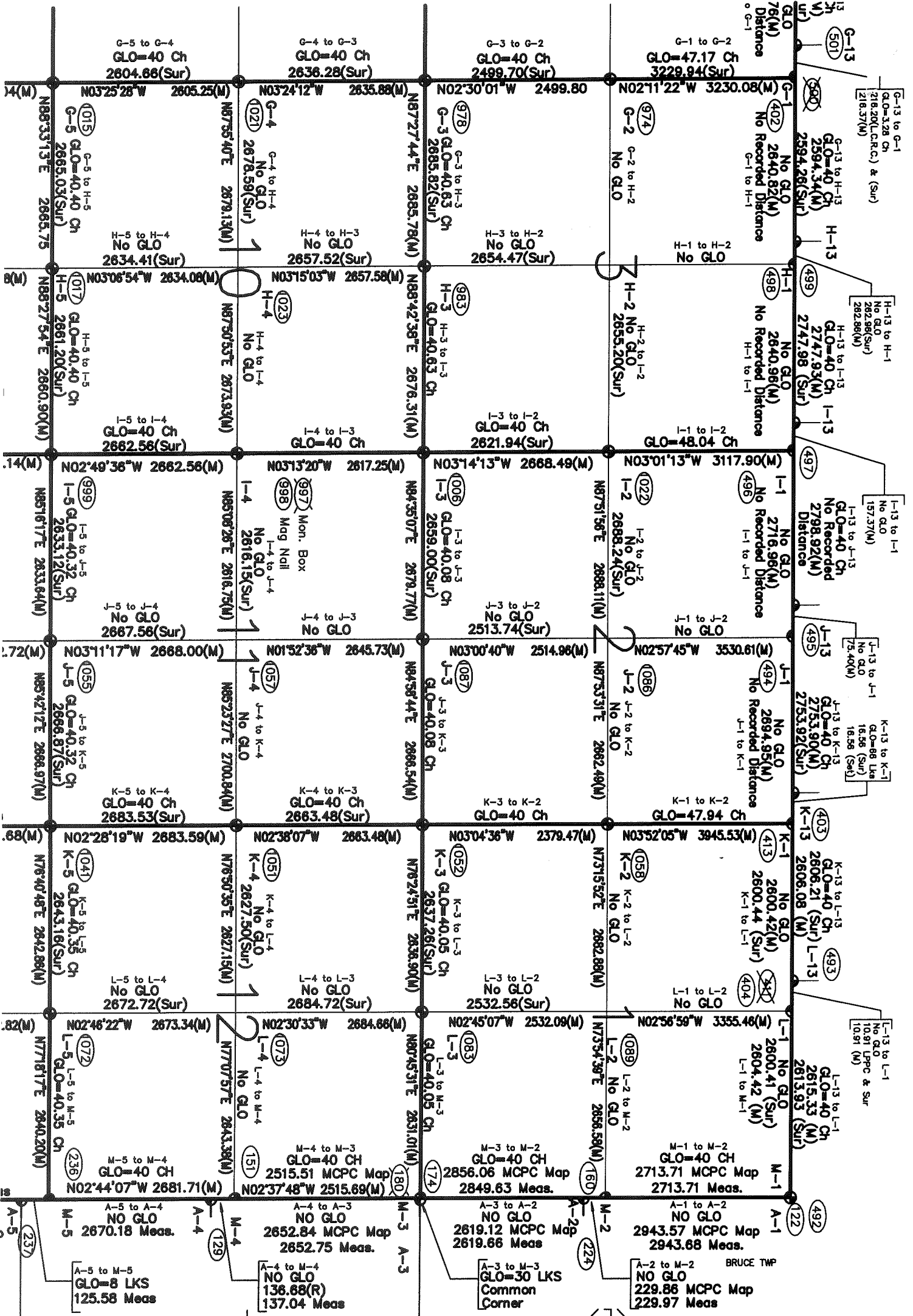
EBELING

N.W. COR.

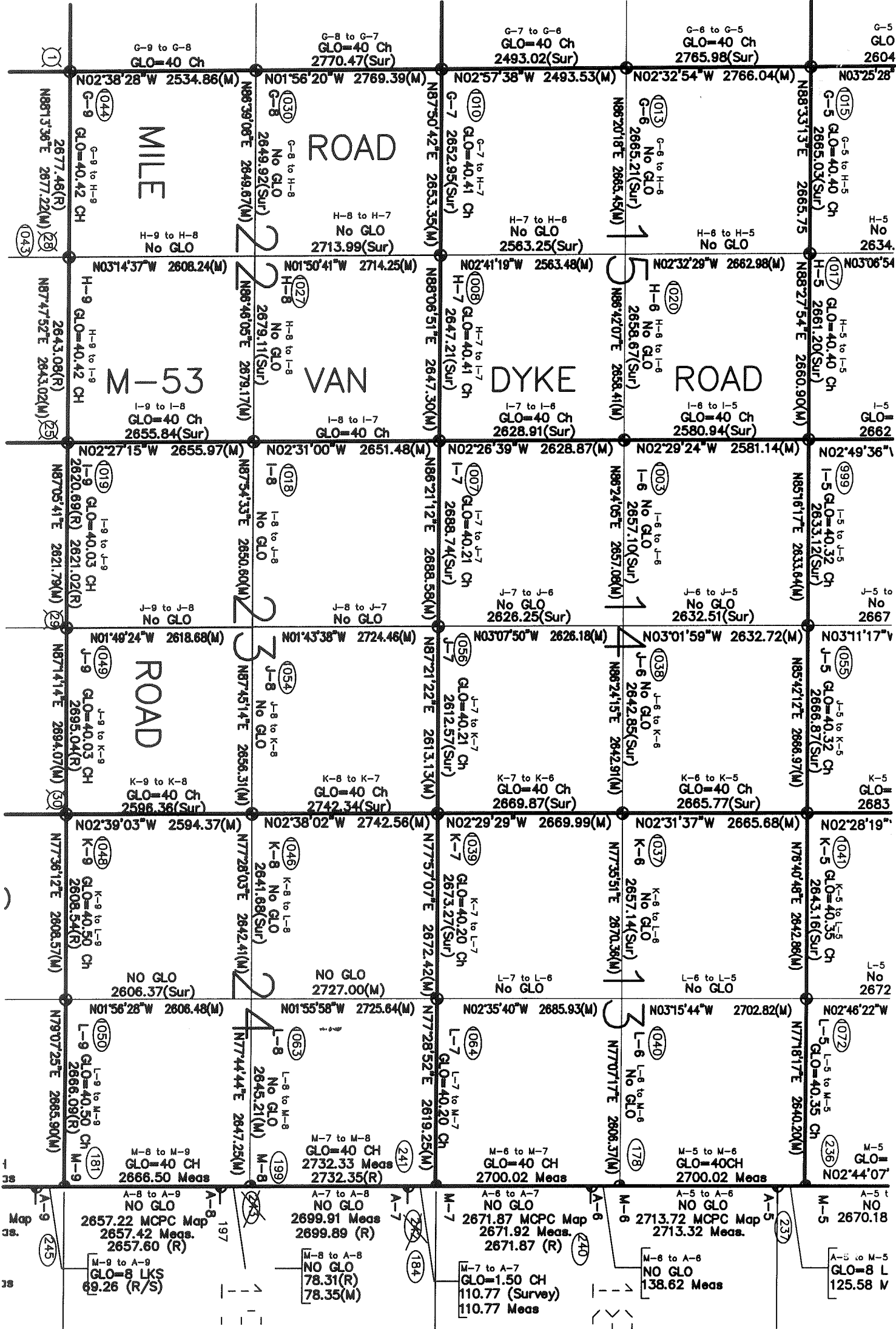
K-5

RD.

N. 1/4 POST



R 1.3F



T.5N.-R.13E.