

2004

**MACOMB COUNTY REMONUMENTATION
PROGRAM FOR BRUCE TOWNSHIP**

Research Dossier for L-4

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

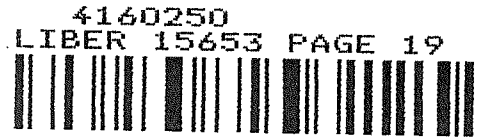




LAND CORNER RECORDATION CERTIFICATE
 Filing Requirement of Act 74, Mich. P.A. 1970

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-4</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 _____		



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

SEAL
 Register of Deeds Stamp & File Number

1	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	
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6		18		17		16		15		14		13	
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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 March 2, 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.; A post was not set during the original government survey
- 1972-Kobs, PS #14097; LCRC L.2268, Pg.695 – Fnd a 1/2" Iron Bar
 - 1990-Fluharty, PS#18223; LCRC L.4847, Pg.546 – Fnd a 1/2" Iron at the center line of intesection North-South road and road to the East.
 - 1990-Avey, PS #15396; LCRC L.4983, Pg.764 – Fnd a 1/2" Bar in center line of intersection of Brown & Reid Roads
 - 1996-King, PS #30085; LCRC L.6952, Pg.758 – Fnd a 1/2" Iron
 - 1997-Wright, PS #40165; LCRC L.7454, Pg.903 – Fnd a 1/2" Iron 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 – Fnd a 1/2" Iron Rod at the intersection of the existing center line of Brown Road extending to the North and South, which has a gravel surface and Reid Road extending to the East, which also has a gravel surface.

Witnesses from LCRC #1, 2, 3, 4 & 5 were used to recover and verify the location of the found 1/2" Iron Rod.

I accepted the found 1/2" Iron Rod as the best evidence of the original corner positon as being perpetu

Field measurements between corners on back side of LCRC

- C. Description of monument for corner and accessories established to perpetuate locating the position of the corner:
 L-4 I replaced the found 1/2" Iron Rod with a 3/4" x 24" Iron Rod w/2" diameter aluminum cap stamped
 Monument, MI" Act #345, PS #17623
 N21°E 75.26' Set Mag Nail w/washer NW face 13" Pine
 N26°W 58.55' Set Mag Nail w/washer NE face Power Pole
 S13°E 123.21' Set Mag Nail w/washer West face 15" Pine
 S71°E 79.38' Set Mag Nail w/washer South face 48" Oak



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: *Huston K. Kennedy*
 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

Martin C. Dunn
 MARTIN C. DUNN, P.S. CHAIRMAN

Town 5 North, Range 12 East, Bruce Township (L-4)

Section "A" Con't

- 6.) 1990-Fluharty, PS #18223; Survey L.4847, Pg.545 – Fnd a ½" Iron, used same wit as 1990 LCRC
- 7.) 1996-King, PS #30085; Survey L.6993, Pg.49 – Fnd a ½" Iron, used same wit as 1996 LCRC
- 8.) 1990-Avey, PS #15396; Unrecorded Survey – Object found not stated, no witnesses
- 9.) 1996-Wright, PS a#40165; Unrecorded Survey – Object found not stated, no witnesses

Section "B" Con't

FIELD MEASURMENTS BETWEEN CORNERS

L-4 to K-4

No GLO

Survey recorded in Liber 6993, page 49 = 2627.50 Ft.

Unrecorded survey by Jeffrey A. Wright, PS#40165 dated 12/11/98 = 2627.25 Ft.

S76°50'35" W 2627.15 Ft. (m)

L-4 to L-3

No GLO

Survey recorded in Liber 6993, page 49 = 2684.71 Ft.

Unrecorded survey by Jeffrey A. Wright, PS #40165 dated 12/11/98 = 2684.72 Ft.

N02°30'33" W 2684.66 Ft. (m)

L-4 to L-5

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 = 2673.31 Ft.

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

S02°45'55" E 2672.69 Ft. (m)

L-4 to M-4

No GLO

N77°07'57" E 2643.38 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 by Joseph Wampler, D.S. in 1817. A post was not set at the Center of Section 12.

No Witnesses

EXISTING CONDITIONS

A post was not set during the original government survey. The corner has been perpetuated with a ½" Iron Rod at the intersection of the existing center line of Brown Road extending to the North and South, which has a gravel surface and Reid Road extending to the East, which also has a gravel surface.

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. He found a ½" Iron Bar.

WITNESSES: (Based upon LCRC recorded in Liber 2268, page 695 of Macomb County Records)

- *PK Nail in D.E. Pole – N20°W 58.25 Ft. (58.20' m)
- Chiseled cross in top of large rock – N50°E 55.96 Ft. (gone)
- *Center of U.S.G.S. standard monument – S45°E 56.26 Ft. (56.32' m)

Herbert L. Fluharty, PS #18223 recorded a LCRC on April 6, 1990 and found a ½" Iron at the center line of intersection North-South road and road to the East.

WITNESSES: (Based upon LCRC recorded in 4847, page 546 of Macomb County Records)

- S50°W 35.69 Ft. Nail in Power Pole (gone)
- N20°W 58.63 Ft. Nail in 40" Maple (gone)
- *S67°E 78.40 Ft. (79.38' m)

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" Bar in center line of intersection Brown & Reid Roads.

WITNESSES:

- 58.61 Ft. NW to PK Nail in flasher NE face Power Pole (gone)
- *153.68 Ft. ENE to PK Nail in North face Power Pole (153.64' m)
- *81.81 Ft. SE to PK Nail NE face 70" White Oak (81.75' m)
- *35.66 Ft. SW to N.G.S. Marker #2 1943/1976 (35.67' m)

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" Iron.

WITNESSES:

- *Center of USGS Disc Mon., SE 55.21 Ft. (56.22' m)
- *NGS Alum. Disc. Mon., SW 35.69 Ft. (35.67' m)
- *PK Nail in Power Pole NNW 58.51 Ft. (58.54' m)
- *PK Nail in 8" Pine Tree NE 75.20 Ft. (75.22' 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" Iron Pipe.

WITNESSES:

- *55.28 Ft. SE to USC & GS Monument "Romeo 1943" (56.22' m)
- *58.61 Ft. NNW to PK NE side Utility Pole (58.54' m)
- *75.26 Ft. NE to PK SE side 8" Pine (75.22' m)
- *35.71 Ft. SW to NGS Monument "1943 #2, 1976" (35.67' m)
- *55.35 Ft. NW to NGS Monument "1943 #3, 1976" (56.32' m)

Herbert L. Fluharty, PS #18223 recorded a survey on April 6, 1990 in Liber 4847, page 545 of Macomb County Records. He found a ½" Iron, 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" Iron, 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, 1996. Object found not stated, no witnesses.

FIELD MEASUREMENTS BETWEEN CORNERS

L-4 to K-4

No GLO

Survey recorded in Liber 6993, page 49 = 2627.50 Ft.

Unrecorded survey by Jeffrey A. Wright, PS#40165 dated 12/11/98 = 2627.25 Ft.

S76°50'35" W 2627.15 Ft. (m)

L-4 to L-3

No GLO

Survey recorded in Liber 6993, page 49 = 2684.71 Ft.

Unrecorded survey by Jeffrey A. Wright, PS #40165 dated 12/11/98 = 2684.72 Ft.

N02°30'33" W 2684.66 Ft. (m)

L-4 to L-5

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 = 2673.31 Ft.

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

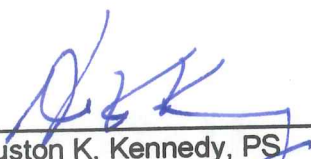
S02°45'55" E 2672.69 Ft. (m)

L-4 to M-4

No GLO

N77°07'57" E 2643.38 Ft. (m)

The witnesses for the above mentioned Land Corner Recordation Certificate were used to verify the location of the found 1/2" Iron Rod as of March 17, 2004. I therefore, recommend to the Macomb County Peer Group that they accept the 1/2" Iron Rod as found as the best evidence of the corner position as being perpetuated.



Huston K. Kennedy, PS
Kennedy Surveying, Inc.

*Used to verify the location of the found corner (L-4)

LAND CORNER RECORDATION CERTIFICATE

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

LIBER **2268** PAGE **695**

A103999

FOR CORNERS OF:-	LOCATED IN:-	CORNER CODE NUMBER
1. PUBLIC LAND SURVEY _____	T. <u>5</u> N. <u>12</u> S., R. <u>12</u> E. W.	L-4
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 Hill

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" iron bar

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

1/2" iron bar
P.K. nail in D.E. pole - N 20° W - 58.25'
Chisled cross in top of large rock - N 50° E - 55.96'
Center of U.S.G.S. standard monument - S 45° E - 55.26'

SIGNED BY *Herbert J. Kobs* DATE February 29, 1972
 SURVEYOR'S MICHIGAN REGISTRATION NO. 14097 (SEAL)

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. 122 00072

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

Handwritten signature of Herbert L. Fluharty

CLERK - REGISTER OF DEEDS
MACOMB COUNTY, MICHIGAN

Register of Deeds Stamp & File Number

For corners in

Macomb (County)

Located In:

Corner Code #

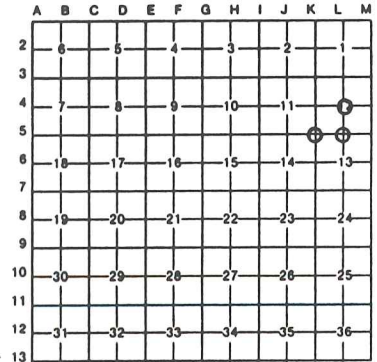
- 1. Public Land Survey T 5N R 12E K-5
T 5N R 12E L-5
T 5N R 12E L-4
2. Property Controlling in Section S T R
3. Miscellaneous Property in Sec. S T R
4. Lot No. Recorded Plat
5. Private Claims

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 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:

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
Surveyor's Michigan License No. 18223

Date 3/27/90

Handwritten number 98 in a circle

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

B518176

For corners in

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

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

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:

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	18	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:

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 1/2" Bar in centerline intersection Brown & Reid Roads.

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 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.



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> (County)	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 _____	_____

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
2	6	5	4	3	2	1							
3													
4	7	8	9	10	11	12							
5													
6	10	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, 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:

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

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

For corners in Macomb (County)	Located In:	Corner Code #
1. Public Land Survey	T 5N. R 12E.	L-4, L-5
	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, 19 96 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.

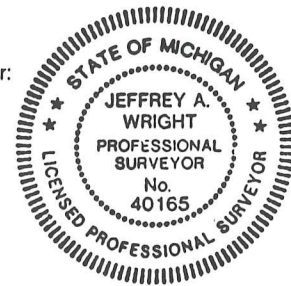
1	A	B	C	D	E	F	G	H	I	J	K	L	M
2		6		5		4		3		2		1	
3													
4		7		8		9		10		11		12	
5													
6		18		17		16		15		14		13	
7													
8		19		20		21		22		23		24	
9													
10		30		29		28		27		26		25	
11													
12		31		32		33		34		35		36	
13													

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:

L-4 F. 1/2" Bar
 55.28' SE to USC & GS Monument "Romeo 1943"
 58.61' NNW to PK NE side U. Pole
 75.28' NE to PK SE side 8" Pine
 35.71' SW to NGS Monument "1943; #2, 1976"
 55.35' NW to NGS Monument "1943; #3, 1976"

L-4 F. 1/2" Pipe
 37.40' NE to PK top N. end CMP
 16.90' ESE to PK top S. end CMP
 32.44' SW to PK @ SE Cor. 4" x 4" wood post
 130.91' SSW to PK E'y side U. Pole
 123.30' NNE to Mag nail W. side 24" Maple

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

LIB# 048171545

CERTIFICATE OF SURVEY

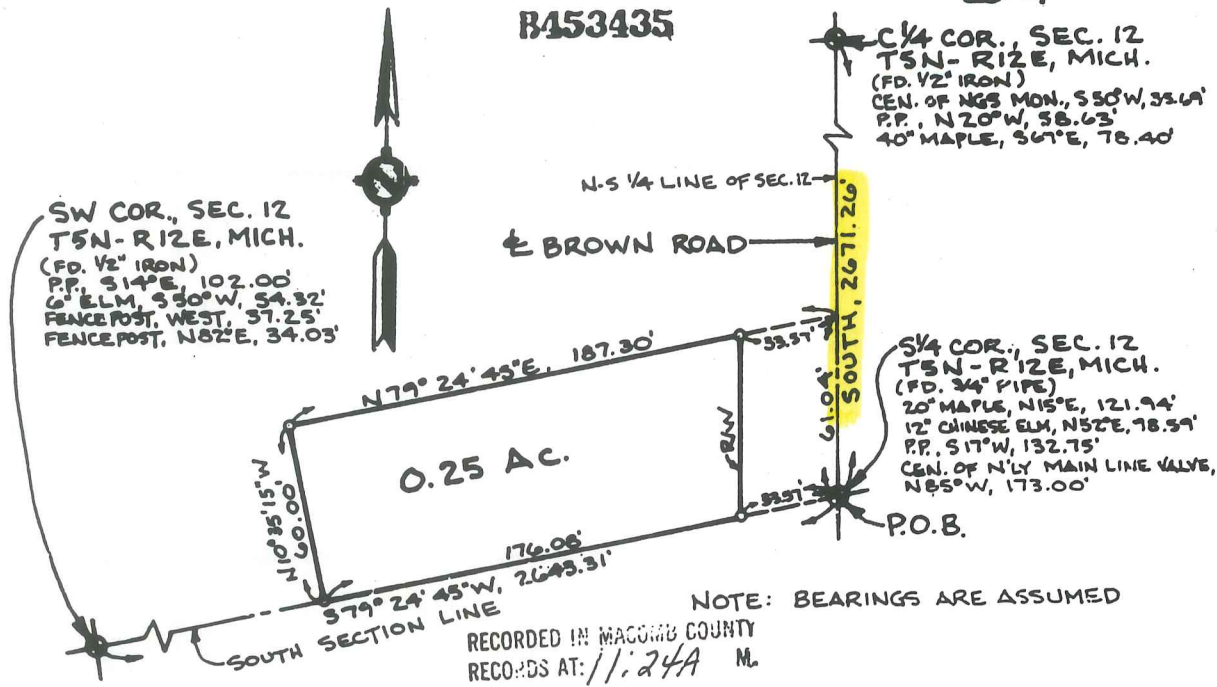
"ORIGINAL"

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

L-4

B453435



APR 06 1990

PROPERTY DESCRIPTION

A parcel of land being a part of the Southwest 1/4 of Section 12, T5N-R12E, Bruce Township, 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. Dehart*

DATE: 5-30-89

LEGEND ● - Found Iron ▲ - Set 8" x 16" Iron WILLS 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.**

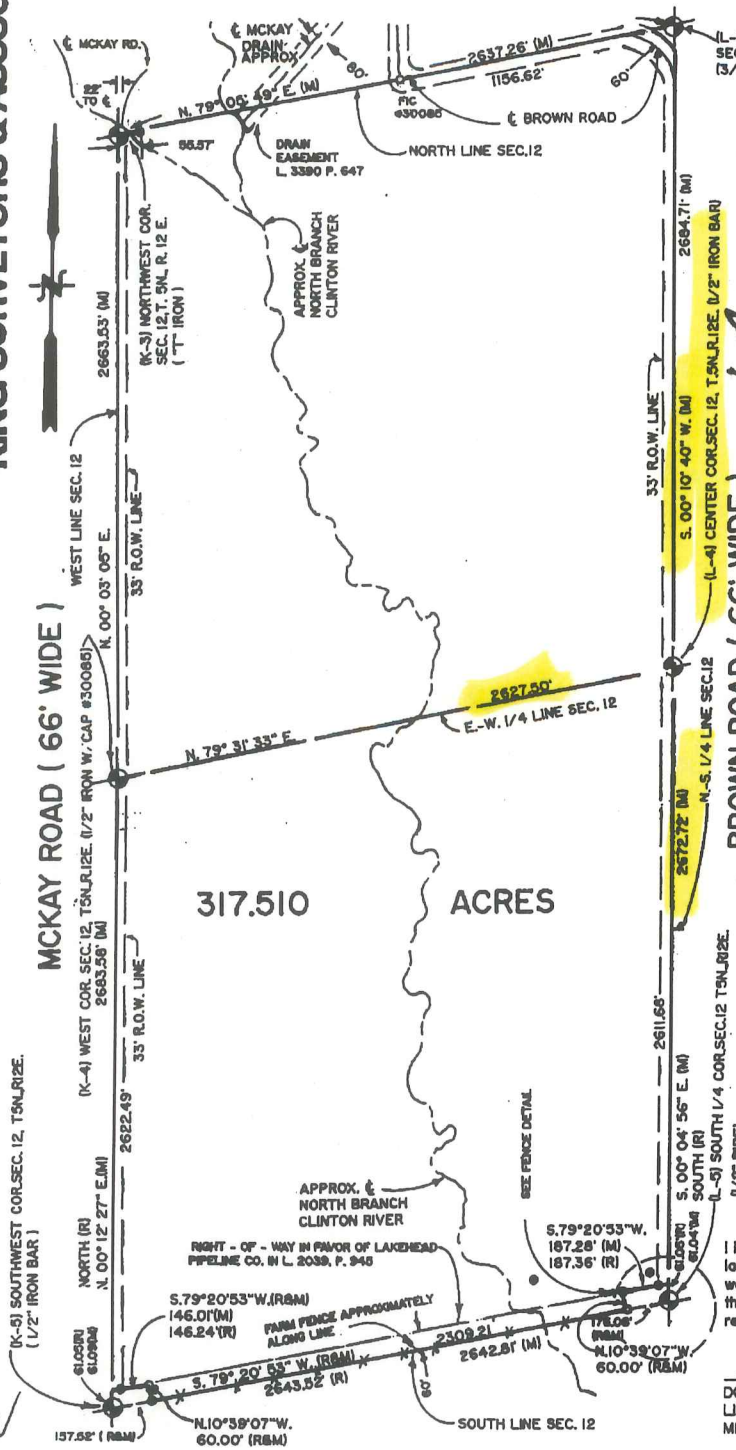
Corporate Office: 4800 N. Mission Rd., Rosebush, Michigan 48878 • (517) 433-2820
 Southwest Area Office: P.O. Box 788, Cypress Texas 77429 • (713) 370-8302

CERTIFICATE OF SURVEY

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

KING SURVEYORS & ASSOC. INC.

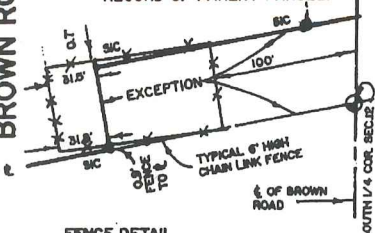
C0341662 LIBER:06993 PAGE:49 10:54A 04/25/1996
CARMELLA SABAUGH-MACOMB COUNTY, MI REG/DEEDS



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.



FENCE DETAIL
SCALE 1" = 100'



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 JOB No.
1 OF 3	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, 4" Steel Standpipe, 1' above ground, NE 60.26'
C, 4" Steel Standpipe, 1' above ground, NW 56.50'
PK Nail in 4" Oak, WSW 36.37'
PK Nail in 5" Oak, SW 63.56'

(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'



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

FOR : JOHN HANLEY AND JEAN HANLEY
JOB NUMBER : 80081
DATED : FEBRUARY 22, 1996
SHEET : 2 OF 3

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



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

L-4

N-S 1/4 LINE SEC. 12
DUE NORTH 2086.31' M.

2673.31

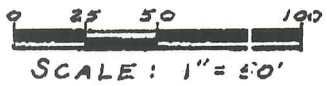
E BROWN ROAD
DUE NORTH 160.00' R.M.

33' R.O.W. LINE

DUE EAST 180.00' R.M.

DUE SOUTH 160.00' R.M.

0.661 AC.



5' HIGH WOOD
FENCE ENCROACHES

DUE NORTH
425.00' R.M.

DUE WEST 180.00' R.M.

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.



CIVIL ENGINEERS • PLANNERS • LAND SURVEYORS
8800 12 MILE ROAD UTICA, MICHIGAN 48067

313 731-8030

LEGEND

- PIB - Found Iron Bar
- PIP - Found Iron Pipe
- SIB - Set Iron Bar/Cape
- 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. 900127-3273

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°47'35"E., 1254.28 feet (1253.98 feet record); thence S.78°44'44"W., 658.96 feet (658.68 feet record); thence S.1°04'45"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 ©

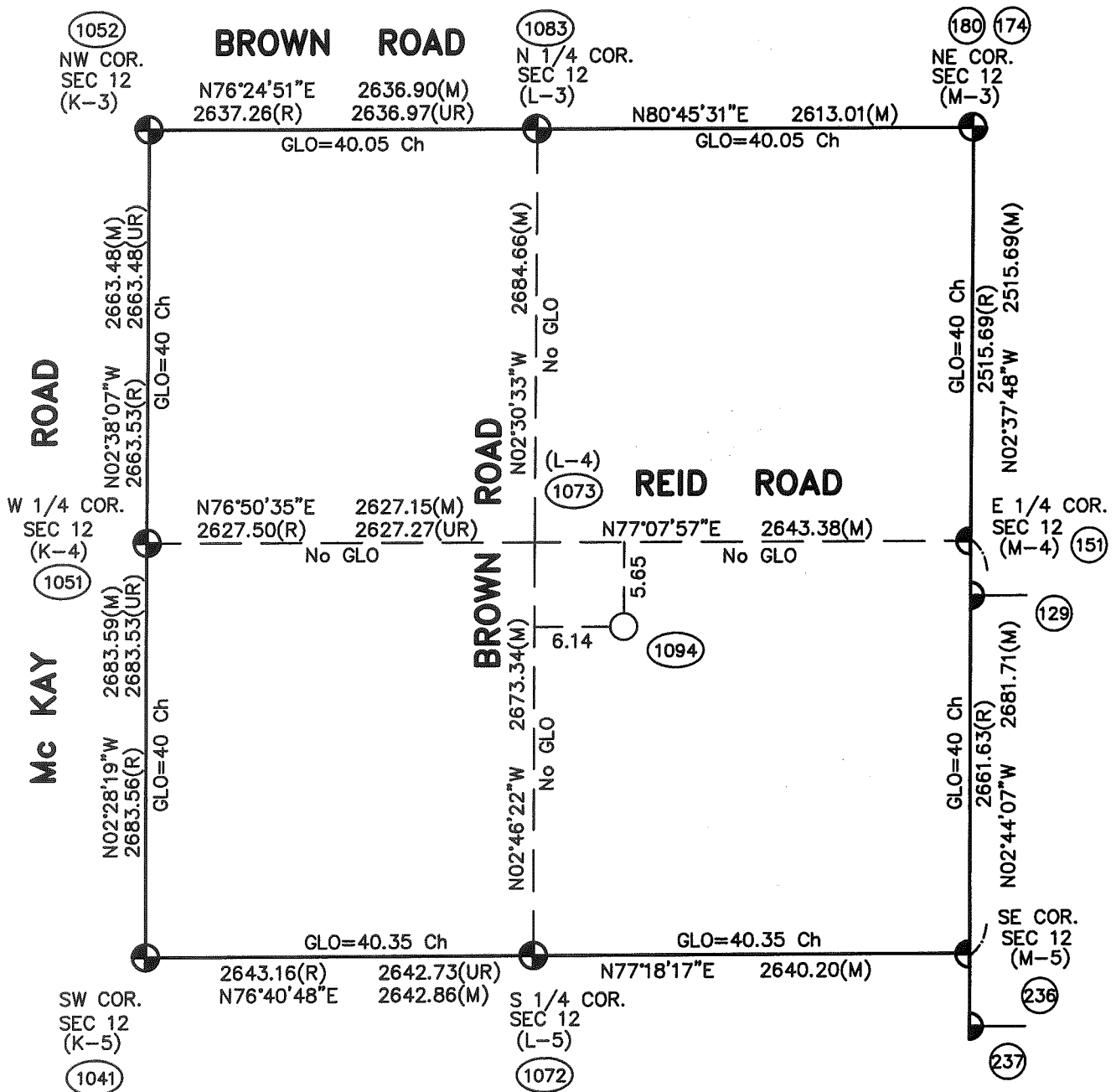
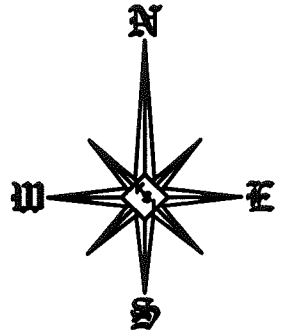
ONE ENGINEERS PLANNERS LAND SURVEYORS
8800 23 MILE ROAD SHELBY TWP., MI 48316-4816

LEGEND

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

JEFFREY A. WRIGHT
LICENSED LAND SURVEYOR
No. 40165

Date 3-24-99
Drawn KC
Check
Sheet 2 of 2
Fld. Bk.
Job No.
990137-2853



Theoretical Center of Section (the intersection of the 1/4 Section Lines) (1094)

Center of Section that is being accepted and used. (1073)

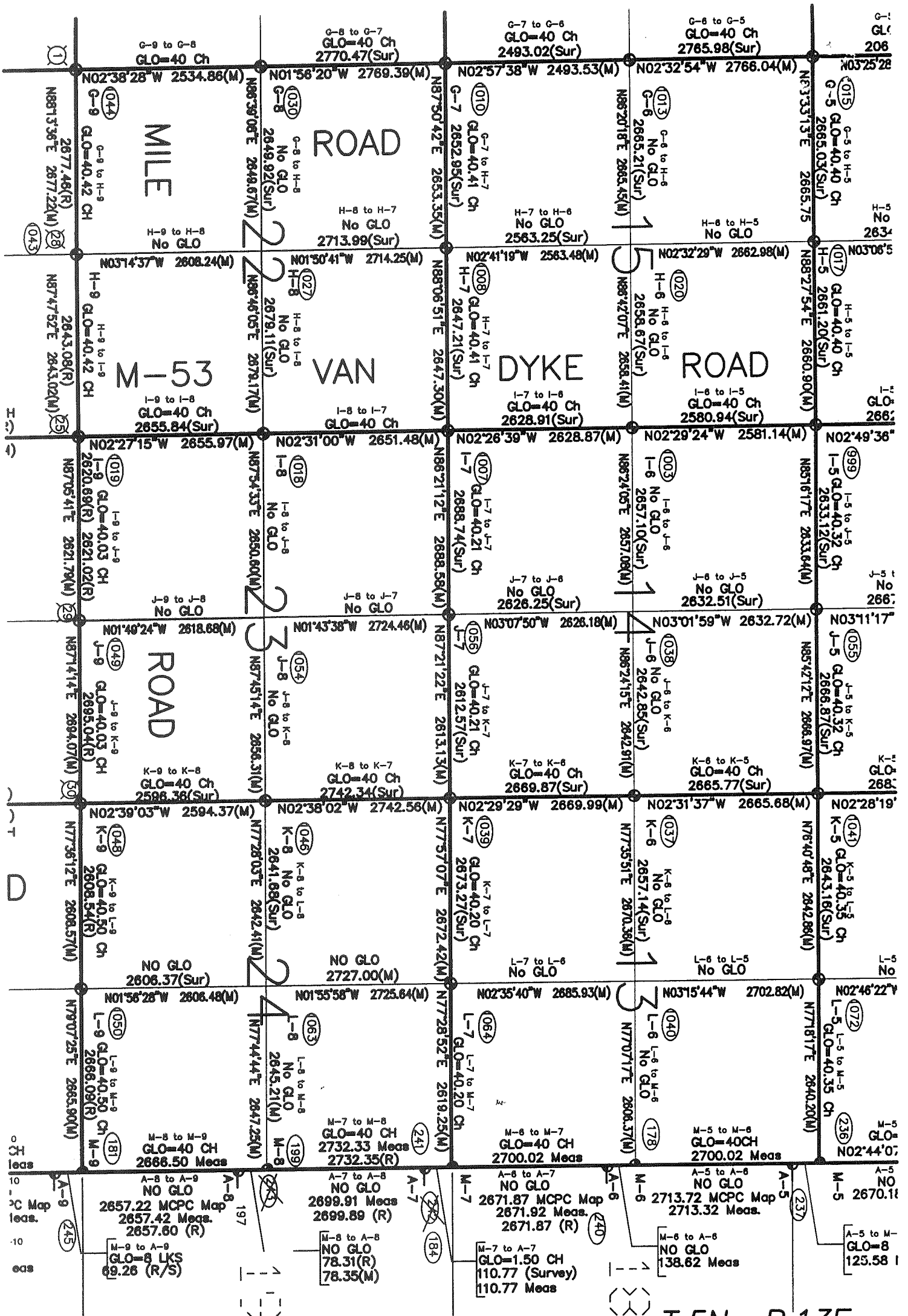
(UR)=Unrecorded

Not To Scale

L-4 (As Found) to the Theoretical Center of Section S50°08'08"E 8.35'

SECTION 12, T5N, R12E
BRUCE TOWNSHIP

(96-4013)



T.5N.-R.13E.

4/9