

**2004**

**MACOMB COUNTY REMONUMENTATION**

**PROGRAM FOR BRUCE TOWNSHIP**

**Research Dossier for K-8**

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> (County)	Located In: <u>Bruce Township</u>	Corner Code #
1. Public Land Survey	T <u>5N</u> R <u>12E</u>	<u>K-8</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 _____	_____

4141197  
LIBER 15560 PAGE 471



06/18/2004 09:52:51 A.M.  
MACOMB COUNTY, MI SEAL  
CARMELLA SABAUGH, REGISTER OF DEEDS

**Register of Deeds Stamp & File Number**

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

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	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:**

- 1817-Wampler, D.S.; Set Post 8" Aspen S56½°E 52 Links
- 1) 1975-Kobs, PS #14097; LCRC L. 2640, Pg 938 – Fnd ½" Iron Bar
- 2) 1978-Smith, PS #16052; LCRC L. 2898, Pg. 518 – Fnd ½" Iron
- 3) 1980-Kobs, PS #14097; LCRC L. 3287, Pg. 575 – Fnd ½" Iron Bar
- 4) 1999-Wright, PS #40165; LCRC L. 9117, Pg. 656 – Fnd ½" Bar

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 – Found a ½" Iron Rod 16' West of existing center line of McKay Road extending to the North and South, which has a gravel surface, also an old fence/tree row extending to the East and West.

Witnesses from LCRC # 1, 2, 3 & 4 were used to recover and verify the location of the found ½" Iron Rod.

I accepted the found ½" Iron Rod 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:**

- K-8 I replaced the found ½" Iron Rod with a ¾" x 24" Iron Rod w/2" diameter aluminum cap stamped "Macomb County Monument, MI Act #345, PS #17623"
- N16°W 111.00' SW corner Concrete Pillar
- N50°E 102.86' Set Mag Nail & Remon Washer NW face 12" Oak
- S40°E 61.06' Set Mag Nail & Remon Washer SW face Apple
- S09°W 145.40' Set Mag Nail & Remon Washer E face 26" Willow

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: *Huston K. Kennedy* Date June 9, 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 6/11/04  
*Martin C. Dunn*  
MARTIN C. DUNN, P.S. CHAIRMAN



## Town 5 North, Range 12 East, Bruce Township (K-8)

Section "A" Cont.

- 5) 1983-Kobs, PS #14097; Survey L. 3465, Pg. 189 – Fnd a ½" Iron Bar, used same wit as 1980 LCRC
- 6) 1999-Wright, PS #40165; Unrecorded survey – Object found, no witnesses

Section "B" Cont.

### Field Measurements Between Corners

#### K-8 to K-7

GLO = 40 chains or 2640.00 Ft.  
Survey recorded in Liber 3465, Pg. 189 = 2742.34 Ft.  
Macomb County Sidwell Map = 2742.34 Ft.  
N02°38'02" W 2742.56 Ft. (m)

#### K-8 to K-9 (The position of K-9 has not been reviewed or approved by Macomb County Peer Group)

GLO = 40 chains or 2640.00 Ft.  
Unrecorded survey by Jeffrey D. Wright, PS #40165 dated March 24, 1999 = 2596.36 Ft.  
Macomb County Sidwell Map = 2595.13 Ft. (East side)  
Macomb County Sidwell Map = 2594.00 Ft. (West side)  
S02°39'03" E 2594.37 Ft. (m)

#### K-8 to J-8

No GLO  
Macomb County Sidwell Map = 2658.90 Ft.  
S87°45'14" W 2656.31 Ft. (m)

Liber 015560 Page 00472

#### K-8 to L-8

No GLO  
Survey recorded in Liber 3465, Pg. 189 = 2641.68 Ft.  
Unrecorded survey by Jeffrey A. Wright, PS #40165 dated March 24, 1999 = 2642.31 Ft.  
Macomb County Sidwell Map = 2641.68 Ft.  
N77°28'03" E 2642.41 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 West ¼ corner of Section 24, East ¼ corner of Section 23.

WITNESSES: (Based upon Government Survey Records)

8" Aspen S56½°E 52 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 16' West of existing center line of McKay Road extending to the North and South, which has a gravel surface, also an old fence/tree row extending to the East and West.

### LCRC AND RECORDED SURVEYS

Researching the Macomb County Records for Land Corner Recordation Certificates (LCRC) and Certificate of Survey shows Herbert J. Kobs, PS #14097 recorded a LCRC on December 4, 1975 and found a ½" Iron Bar.

WITNESSES: (Based upon LCRC recorded in Liber 2640, Page 938 of Macomb County Records)

\*West 29.51' PK Nail Fence Post  
SW 38.87' PK Nail Fence Post (gone)  
NE 77.42' PK Nail 24" Apple (gone)

Robert L. Smith, PS #16052 recorded a LCRC on January 4, 1978 in Liber 2898, Page 518 of Macomb County Records. He found a ½" Iron.

WITNESSES:

\*East 57.28' PK Nail Power Pole  
\*West 29.75' 1½" Steel Anchor Post  
N45°E 123.81' PK Nail 15" Apple Tree (gone)

Herbert J. Kobs, PS #14097 recorded a LCRC on November 12, 1980 in Liber 3287, Page 575 of Macomb County Records. He found a ½" Iron Bar.

WITNESSES:

\*West 29.74' Crisscross South side 2" diameter Steel Anchor Post  
ENE 77.42' PK Nail 24" Apple (gone)  
\*ENE 41.49' Crisscross North side 2" diameter Steel Anchor Post



Jeffrey A. Wright, PS #40165 recorded a LCRC on September 22, 1999 in Liber 9117, Page 656 of Macomb County Records. He found a 1/2" Bar.

**WITNESSES:**

- \*W 29.60' to "+" S side 2" diameter Steel Fence Post
- \*ENE 41.68' "+" S side 2" diameter Steel Fence Post
- \*SE 61.12' to Mag Nail w/disk #40165 N side 2-7" Trees
- E 57.43' PK Nail N side Utility Pole

Herbert J. Kobs, PS #14097 recorded a Certificate of Survey on January 5, 1983 in Liber 3465, Page 189 of Macomb County Records. He found a 1/2" Iron Bar, used same witnesses as listed on the 1980 LCRC.

**UNRECORDED SURVEYS AND WITNESSES**

Jeffrey A. Wright, PS #40165 did a Unrecorded Survey on March 24, 1999. Object found not stated, no witnesses.

**FIELD MEASUREMENTS BETWEEN CORNERS**

**K-8 to K-7**

GLO = 40 chains or 2640.00 Ft.  
Survey recorded in Liber 3465, Pg. 189 = 2742.34 Ft.  
Macomb County Sidwell Map = 2742.34 Ft.  
N02°38'02" W 2742.56 Ft. (m)

**K-8 to K-9** (The position of K-9 has not been reviewed or approved by Macomb County Peer Group)

GLO = 40 chains or 2640.00 Ft.  
Unrecorded survey by Jeffrey D. Wright, PS #40165 dated March 24, 1999 = 2596.36 Ft.  
Macomb County Sidwell Map = 2595.13 Ft. (East side)  
Macomb County Sidwell Map = 2594.00 Ft. (West side)  
S02°39'03" E 2594.37 Ft. (m)

**K-8 to J-8**

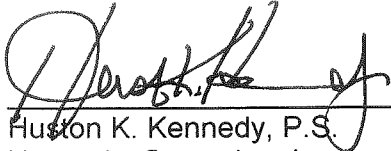
No GLO  
Macomb County Sidwell Map = 2658.90 Ft.  
S87°45'14" W 2656.31 Ft. (m)

**K-8 to L-8**

No GLO  
Survey recorded in Liber 3465, Pg. 189 = 2641.68 Ft.  
Unrecorded survey by Jeffrey A. Wright, PS #40165 dated March 24, 1999 = 2642.31 Ft.  
Macomb County Sidwell Map = 2641.68 Ft.  
N77°28'03" E 2642.41 Ft. (m)

(Revised 05/15/04)

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.



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

HKK/hlk

\*Used to verify the location of the found corner (K-8)

## Town 5 North Range 12 East

39.14 Moved line 1/2 m. front to ar. D.  
 Brook 18 N 1 W 17  
 Dr. 8 S 86 W 26

North Between Sec<sup>s</sup> 25 + 26

32.45 Sugar 16 in Dr.

40.00 Set 1/2 mile front

Brook 7 S 30 E 11

B.O. 20 N 11 E 24

42.58 Sugar 16 in Dr.

80.00 Set front cor. S 23, 24, 25 + 26 from  
 which a Brook 10 S 82 E 36

Dr. 12 N 47 E 43

Rich level fallen timber land  
 Very brushy

N 88 1/2 R.L. betw S 24 + 25

12.10 Brook 15 lks S.E.

40.00 Set line 1/2 m. front

67.08 Run 4 lks S.E.

81.00 Put R.L. 2.0 lks N

Very brushy fallen timber land

S 88 21/2 Corrected betw S 24 + 25

40.50 Moved line 1/2 m. fr. to ar. D.

Thom 5 S 71 E 4

Oak 8 N 43 W 76

North Between S 23 + 24

13.94 Brook 20 lks S.E.

40.00 Set 1/2 m. front from which

Aspen 8 S 56 1/2 E 52 no other

80.00 Set front cor. S 13, 14, 23 + 24 from  
 which aspen 3 N 17 E 3

Dr. 3 S 25 W 32

Rich level fallen timber land very brushy + thickety



# LAND CORNER RECORDATION CERTIFICATE

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

A335270

LIBR 2640 PAGE 938

FOR CORNERS OF: LOCATED IN--: CORNER CODE NUMBER

1. PUBLIC LAND SURVEY \_\_\_\_\_ T. 5 N. S. R. 12 E. W. \_\_\_\_\_ K-8

2. PROPERTY CONTROLLING IN SECTION 23 T. 5 N. S. R. 12 E. W. \_\_\_\_\_ BRUCE TOWNSHIP

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: 12-338  
DEC-41975  
*Edna M. 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 were, in a field survey on AUGUST 8, 1974, 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 FENCE POST - WEST - 29.51 FEET.  
P.K. NAIL IN FENCE POST - S.W. - 38.87 FEET.  
P.K. NAIL IN 24" APPLE - N.E. - 77.42 FEET.

SIGNED BY *Herbert J. Kobs* DATE DECEMBER 2, 1975  
HERBERT J. KOBS

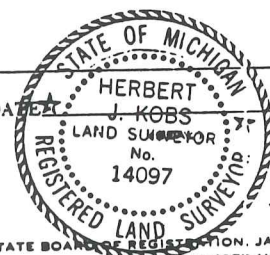
SURVEYOR'S MICHIGAN REGISTRATION NO. 14097 (SEAL)

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. \_\_\_\_\_



00531

FORM APPROVED BY MICHIGAN STATE BOARD OF REGISTRATION, JAN. 28, 1971  
REVISED MAY 14, 1975

MAY PLACE SKETCH ON BACK OR ATTACHED SHEET

LAND CORNER RECORDATION CERTIFICATE

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

1472599

Bruce Township, Macomb County

FOR CORNERS OF--N.E. 1/4 LOCATED IN--Section 23 CORNER CODE NUMBER

- 1. PUBLIC LAND SURVEY... T. 5 N. R. 12 E. W. K-7 (N.E. corner)
2. PROPERTY CONTROLLING IN SECTION... T. S. R. E. W. K-8 (E. 1/4 corner)
3. MISCELLANEOUS PROPERTY IN SECTION... T. S. R. E. W.
4. LOT NO. , RECORDED PLAT
5. PRIVATE CLAIMS

RECORDED IN MACOMB COUNTY RECORDS AT: 3:40 P. M.

JAN - 4 1978

Edna H. Hill

CLERK - REGISTER OF DEEDS MACOMB COUNTY, MICHIGAN

REGISTER OF DEEDS STAMP AND FILING NUMBER

I, Robert L. Smith 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 December 1977, 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:

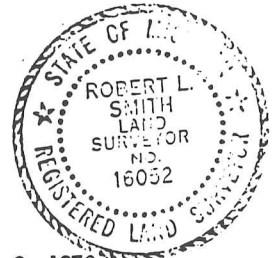
A. Description of original monument and accessories and/or subsequent restoration:

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

K-7 Found 1" iron bar
K-8 Found 1/2" iron

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

K-7 S. 45° E. 81.57 ft. P.K. nail in power pole
N. 60° E. 120.45 ft. S.W. corner brick garage
S. 45° W. 50.80 ft. Center 4" steel vent pipe (7' high)
K-8 East 57.28 ft. P.K. nail in power pole
West 29.75 ft. 1-1/2" steel anchor post
N. 45° E. 123.81 ft. P.K. nail in 15" apple tree



SIGNED BY Robert L. Smith DATE January 3, 1978

SURVEYOR'S MICHIGAN REGISTRATION NO. 16052 (SEAL)

FOR STATE AND UNITED STATES AGENCIES:

SIGNED BY CHIEF OF SURVEY PARTY DATE

APPROVED AND SIGNED BY MICHIGAN REGISTERED LAND SURVEYOR DATE (SEAL)

SURVEYOR'S MICHIGAN REGISTRATION NO. 00697

# LAND CORNER RECORDATION CERTIFICATE

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

LIBER 3287 PAGE 575  
A679185

FOR CORNERS OF --:	LOCATED IN --:	CORNER CODE NUMBER (K-8) AND (L-9)
1. PUBLIC LAND SURVEY _____	T. <u>5</u> N. S. R. <u>12</u> E. W.	BRUCE TOWNSHIP
2. PROPERTY CONTROLLING IN SECTION <u>24</u>	T. <u>5</u> N. S. R. <u>12</u> 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: 2:10 P. M.  
NOV 12 1980

*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 were, in a field survey on MAY 21, 1980, 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:

- (K-8) FOUND 1/2" IRON BAR.
- (L-9) FOUND 3/8" IRON BAR.

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

- (K-8) (1/2" IRON BAR)  
CHIS. CROSS SOUTH SIDE 2" DIA. STEEL ANCHOR POST - WEST - 29.74'  
P.K. NAIL IN 24" APPLE TREE - E.N.E. - 77.42'  
CHIS. CROSS NORTH SIDE 2" DIA. STEEL ANCHOR POST - E.N.E. - 41.49'
- (L-9) (3/8" IRON BAR)  
P.K. NAIL IN 26" MAPLE - N.W. - 39.49'  
P.K. NAIL IN 14" MAPLE - S.W. - 45.35'  
P.K. NAIL IN 24" MAPLE - SOUTH - 23.77'

SIGNED BY *Herbert J. Kobs* DATE OCTOBER 23, 1980  
HERBERT J. KOBS

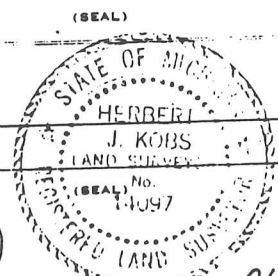
SURVEYOR'S MICHIGAN REGISTRATION NO. 14097

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. \_\_\_\_\_



76

FORM APPROVED BY MICHIGAN STATE BOARD OF REGISTRATION, JAN. 28, 1971  
REVISED MAY 14, 1975

01008

MAY PLACE SKETCH ON BACK OR ATTACHED SHEET



**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.	K-8, K-9
	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	

**1041380**  
**LIBER 9117 PAGE 656**  
**09/22/1999 10:53:21 A.M.**  
**MACOMB COUNTY, MI**  
**CARNELLA SABAUGH, REG/DEEDS**

Register of Deeds Stamp & File Number

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

I, Jeffrey A. Wright, in a field survey on 19 March, 19 99 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-8 F. 1/2" bar, as previously recorded
- K-9 F. Remonumentation Marker #17623 in monument box, as previously recorded



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

- |     |  |     |   |
|-----|--|-----|---|
| K-8 | F. 1/2" bar  | K-9 | F. Remonumentation Marker               |
|     | 29.60' W. to "+" in S. side 2" dia. steel fence post   |     | 65.65' SSW to PK w/MCWT SE side U. pole |
|     | 41.68' ENE to "+" in N. side 2" dia. steel fence post  |     | 66.95' SE to PK w/MCWT SW side U. pole  |
|     | 61.12' SE to MAG nail w/disk #40165 N. side 2-7" trees |     | 60.94' NE to PK w/MCWT NW side U. pole  |
|     | 57.43' E. to PK in N. side U. pole                     |     | 46.84' NW to PK w/MCWT NE side U. pole  |

Signed by [Signature] Date: 23 MARCH 1999  
 Surveyor's Michigan License No. 40165

JAN-5 1983

Certificate of Survey

FOR EVIDENCE ONLY

DATE MAY 20, 1982

JOB # 14097

SCALE 1" = 400'

SHEET OF 2

OF N.W. 1/4, SECTION 24, TOWN 5 NORTH, RANGE 12 EAST, BRUCE TOWNSHIP, MACOMB COUNTY, MICHIGAN.

STATE OF MICHIGAN REGISTERED LAND SURVEYOR

NOTE: BEARINGS RELATE TO RECORD DESCRIPTION FOR PARCEL ADJOINING SOUTH LINE OF DELINEATED PARCEL B.

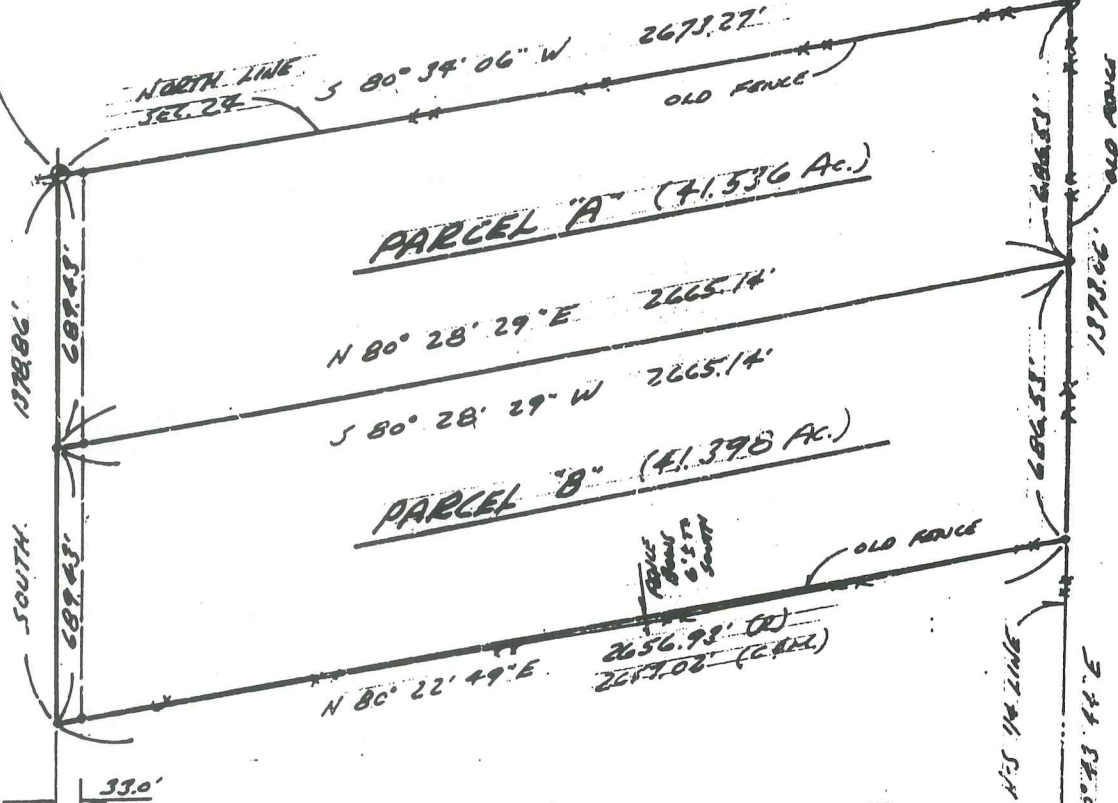
SET 1/2" IRON BARS 18" LONG WITH CAPS STAMPED (R.L.S. 14097) AT POINTS MARKED THUS: O

R= RECORDED M= MEASURED C= CALCULATED

N.W. COR. SEC. 24, T. 5N., R. 12E. (7/8" IRON BAR) GEN. OF STEEL FENCE POST - EAST - 25.40' P.K. NAIL IN 36" DIA. - S.E. - 153.18' N.E. COR. 3'x3' CONC. FOOTING - S.W. - 42.67'

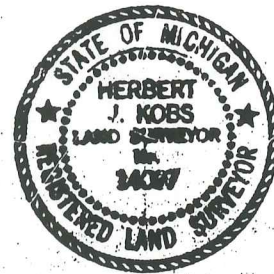
NORTH 1/4 COR. SEC. 24, T. 5N., R. 12E. (1/2" IRON BAR AT ANCHOR POST) P.K. NAIL IN 10" ASH - WEST - 58.90' P.K. NAIL IN 4" ALM - NORTH - 41.60' P.K. NAIL IN ANCHOR POST - S.E. - 0.36'

2742.34 MCKAY RD. 66' WD.



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. KOBS REGISTERED LAND SURVEYOR No. 14097



K-8

Handwritten notes at the bottom of the page, partially obscured by a yellow highlight.



**NOTES**

• BEARINGS IN RELATION TO AN ASTRONOMIC AZIMUTH DATED SEPTEMBER 9, 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.

CENTER POST  
SECTION 24  
T.5 N., R.12 E.

W. 1/4 CORNER  
SECTION 24  
T.5 N., R.12 E.

K-8

MCKAY ROAD

2596.32'(R)  
2596.36'(M)  
S 01°30'05" W (M)  
S 01°30'05" E

MCKAY ROAD  
& W. LINE SECTION 24

F.1/2 BAR

4" WIRE FENCE ALONG

S 01°21'14" E (M)  
2598.84'(M)  
2598.35'(R)

1295.51'(R)  
1295.67'(M)

F.#14097

N 78°44'46" E (M)  
S 78°44'46" W (M)  
158.68'(R)  
158.98'(M)

F.1/2 BAR

N-S. 1/4 LINE SECTION 24  
1351.90'(R)  
1352.10'(C&M)

34 MILE ROAD  
& S. LINE SECTION 24

60' R/W

852.08'(C&M)  
851.97'(R)

S. MAG NAIL  
W/DISK #40163

S. 1/4 CORNER  
SECTION 24  
T.5 N., R.12 E.

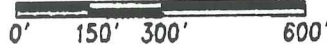
SW CORNER  
SECTION 24  
T.5 N., R.12 E.

34 MILE ROAD (66' WIDE)

E.-W. 1/4 LINE SECTION 24  
N 78°37'05" E (M)  
S 78°37'05" W (M)  
2641.88'(R)  
2642.31'(M) TOTAL  
1330.58'(M)  
1330.35'(R)



Scale : 1" = 300'



57.441 ACRES

**Surveyor's Certificate**

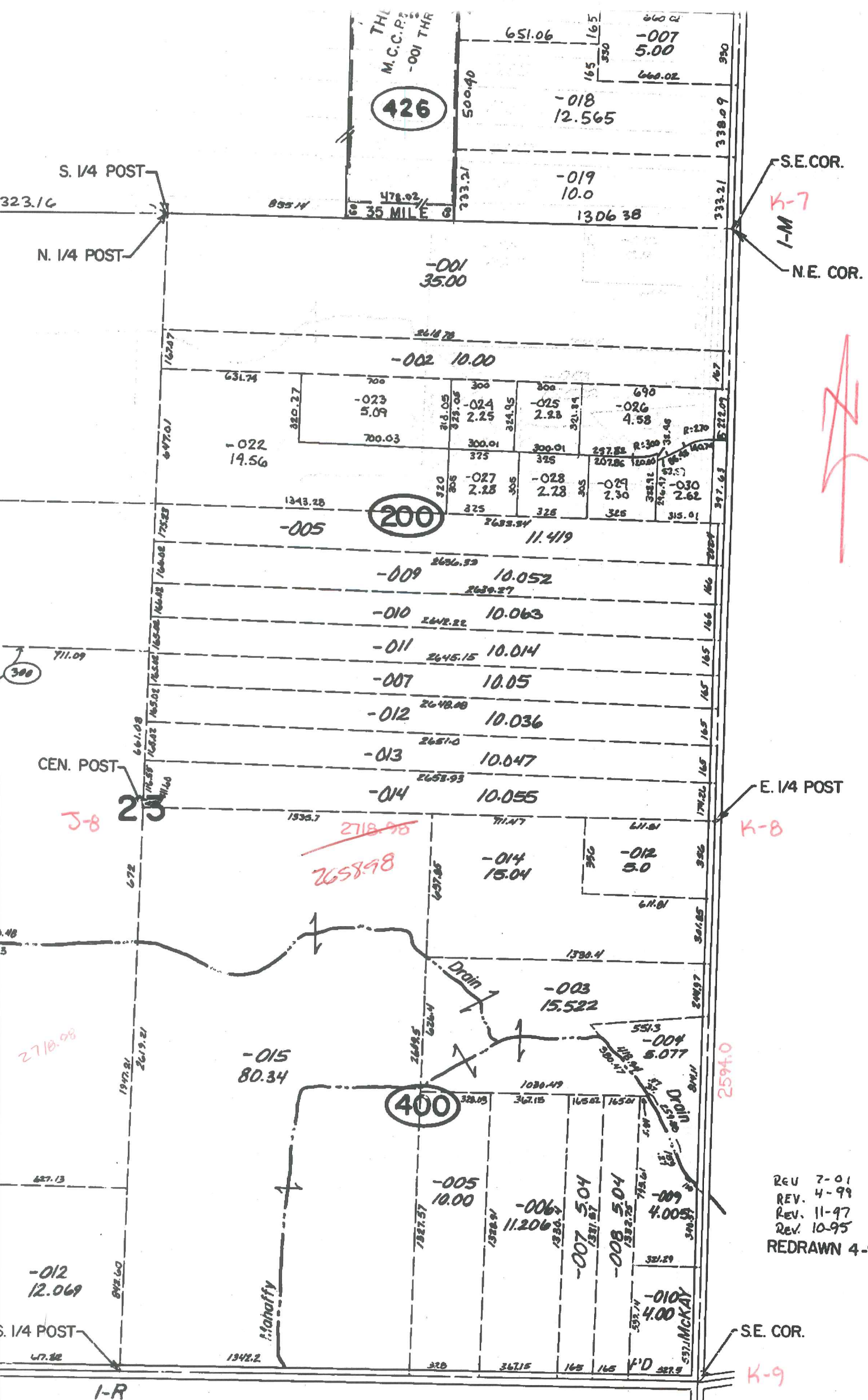
I hereby certify that I have surveyed and mapped the land above platted and/or described on January 29, 1989 and that the ratio of closure on the unadjusted field observations of such survey was 1/1,029,079 and that all of the requirements of P.A. 132 1970 have been complied with.

**URBAN LAND CONSULTANTS**  
PHONE 818 731-8030  
FAX 818 731-2808

- 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 3-24-89  
Drawn KC  
Check  
Sheet 1 of 2  
Pic. Bk.  
Job No.  
990137-2653



426

200

400

REV 7-01  
 REV. 4-99  
 REV. 11-97  
 REV. 10-95  
 REDRAWN 4-94

S.E. COR.  
 N.E. COR.

K-7  
 I-M

K-8

K-9

S. I/4 POST  
 N. I/4 POST

E. I/4 POST

CEN. POST

S. I/4 POST

I-R

THE  
 M.C.C.P.  
 -001 THR

35 MILE

-001  
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-002  
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S.E. COR.



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I-R



01-14-300-028

01-14-400-016

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01-14-400-020

01-23-200-001

01-23-200-002

01-23-200-023

01-23-200-024

01-23-200-025

01-23-200-026

01-23-200-022

01-23-200-027

01-23-200-028

01-23-200-003

01-23-200-004

01-23-200-010

01-23-200-011

01-23-200-007

01-23-200-012

01-23-200-013

01-23-200-014

01-23-200-015

01-23-400-012

01-23-400-011

01-23-400-005

01-23-400-018

01-23-400-006

01-23-400-007

01-23-400-008

01-23-400-009

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01-23-400-011

01-23-300-012

K-7

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K-8

K-9

MCKAY

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I.W. COR.

K-7

J.W. COR.

2642.34

I POST

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2595.13

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MCKAY

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S.W. COR.

615.68 34 MILE

N. 1/4 POST

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CEN. POST

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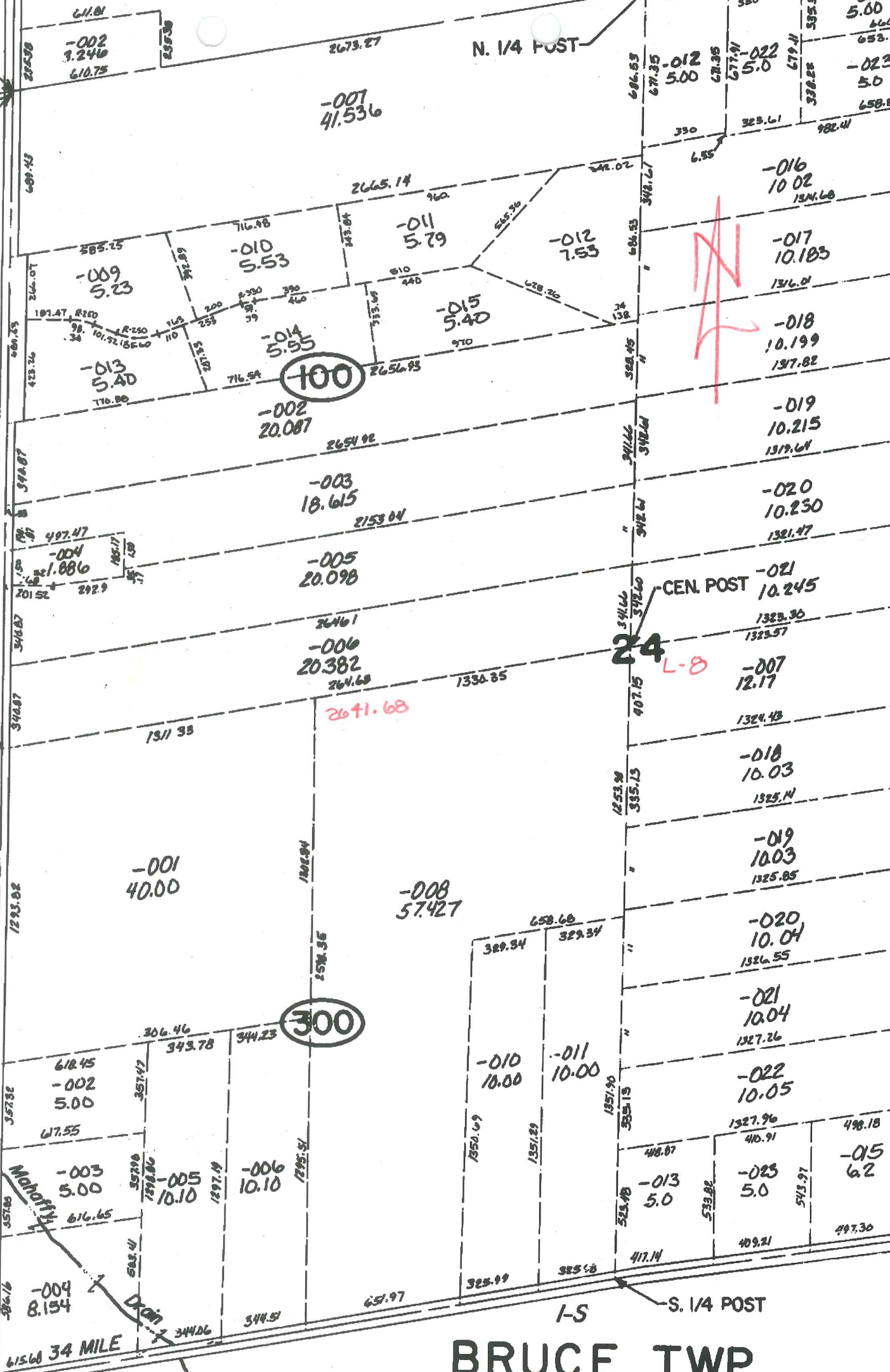
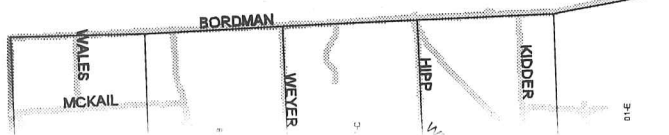
I-S

S. 1/4 POST

# BRUCE TWP. SEC. 13 & 24 T.5N. R.12E.

Photography: March 2000

0 400 800 Feet



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-002  
3.246  
610.75

-001  
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-023  
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-021  
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-015  
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-009  
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-010  
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-011  
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-012  
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-015  
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-014  
5.55

-013  
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-002  
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-003  
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-008  
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K-7

MCKAY

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K-9

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01-24-100-012

01-24-100-009

01-24-100-010

01-24-100-015

01-24-100-014

01-24-100-002

01-24-100-003

01-24-100-004

01-24-100-006

01-24-300-008

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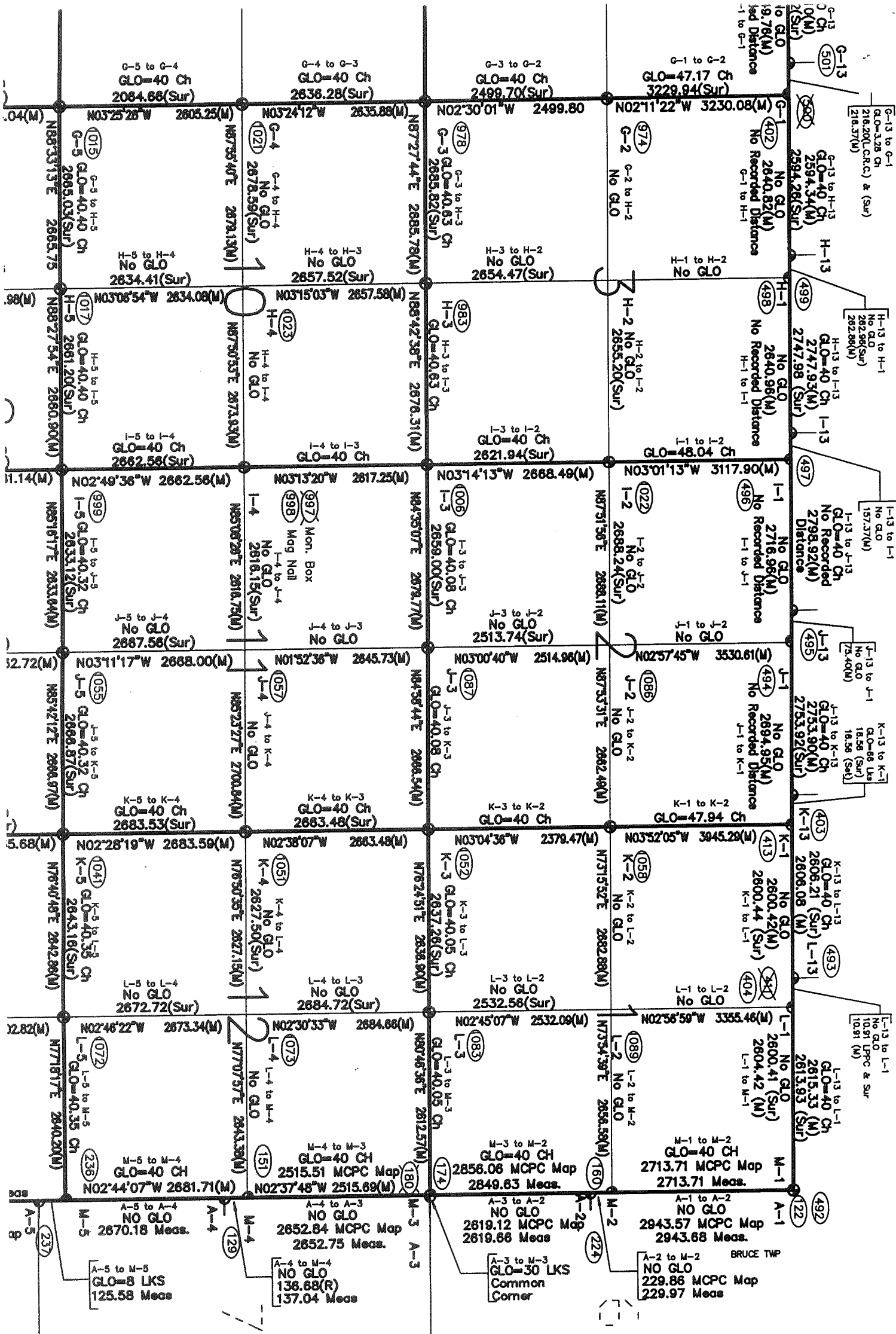
01-24-300-004

34 MILE

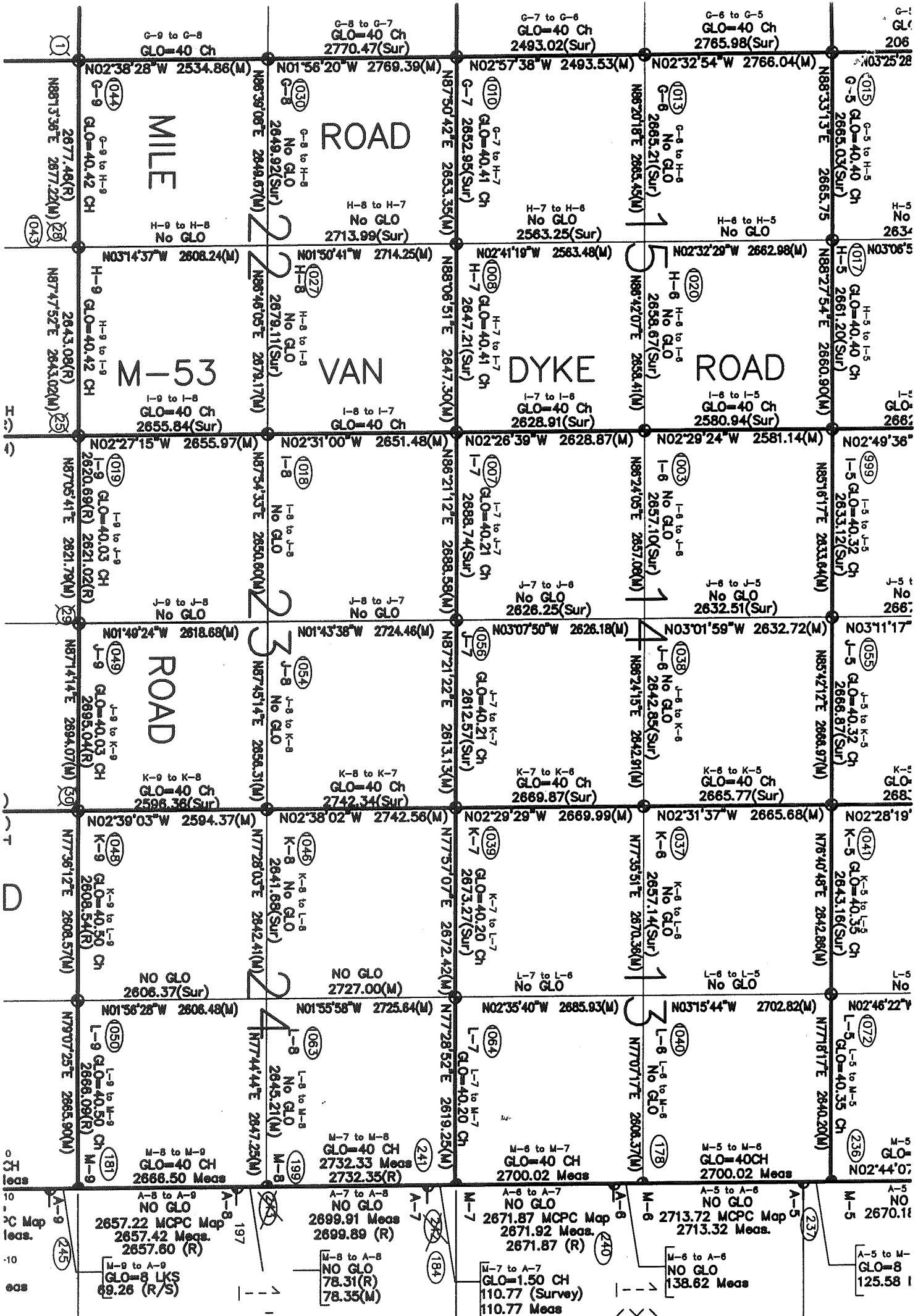
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SCD





R.13E.



T.5N.-R.13E.

4/9