

**2004**

**MACOMB COUNTY REMONUMENTATION  
PROGRAM FOR BRUCE TOWNSHIP**

**Research Dossier for K-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> (County)	Located In: <u>Bruce Township</u>	Corner Code #
1. Public Land Survey	T <u>5N</u> R <u>12E</u> K-4	
	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 _____	

4124222  
LIBER 15468 PAGE 721



05/26/2004 11:06:54 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.; Post set 4" Cherry N33°W 30 Links
- 1) 1996-King, PS #30085; LCRC L. 6952, Pg 757 – Set ½" Iron Bar w/cap #30085 top of found and bent 1½" Iron
- 2) 1997-Wright, PS #40165; LCRC L. 7454, Pg. 902 – Fnd ½" Iron Bar w/cap #30085
- 3) 1996-King, PS #30085; Survey L. 6993, Pg. 49 – Fnd ½" Iron Bar w/cap #30085, used same wit as 1996 LCRC
- 4) 1998-Wright, PS #40165; Unrecorded survey – Object found not stated, no wit

**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 2' West of existing center line of McKay Road extending to the North and South, which has a gravel surface.

Witnesses from LCRC # 1 & 2 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-4 I replaced the found ½" Iron Rod with a ¼" x 24" Iron Rod w/2" diameter aluminum cap stamped "Macomb County Monument, MI Act #345, PS #17623"
- N11°E 166.93' Set Mag Nail & Remon Washer NW face Power Pole
- N13°W 75.95' Set 5/8" Iron Rod E face South end 12" CMP
- S17°E 100.76' Set Mag Nail & Remon Washer SW face Power Pole
- S14°W 72.89' Set 5/8" x 24" Iron Rod 1' North of the West end 24" CSP extending to the East under McKay Road



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

Signed by: [Signature] Date May 15, 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 5/11/04

[Signature]  
MARTIN C. DUNN, P.S. CHAIRMAN



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

Section "B" Cont.

### Field Measurements Between Corners

Liber 015468 Page 00722

#### K-4 to K-3

GLO = 40 chains or 2640.00 Ft.

Survey recorded in Liber 6993, Pg. 49 = 2663.53 Ft.

Unrecorded survey by Jeffrey A. Wright, PS #40165 dated December 11, 1998 = 2663.48 Ft.

N02°38'07" W 2663.48 Ft.

#### K-4 to K-5

GLO = 40 chains or 2640.00 Ft.

Survey recorded in Liber 6993, Pg. 49 = 2683.58 Ft.

Unrecorded survey by Jeffrey A. Wright, PS #40165 dated December 11, 1998 = 2683.55 Ft.

S02°28'19" E 2683.59 Ft. (m)

#### K-4 to J-4

No GLO

S85°23'27" W 2700.84 Ft. (m)

#### K-4 to L-4

No GLO

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

Unrecorded survey by Jeffrey A. Wright, PS #40165 dated December 11, 1998 = 2627.27 Ft.

N76°50'35" E 2627.15 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  $\frac{1}{4}$  of Section 12 and the East  $\frac{1}{4}$  of Section 11.

**WITNESSES:** (Based upon Government Survey Records)

4" Cherry N33°W 30 Links

### EXISTING CONDITIONS

The original government post has been obliterated and the witness trees have been destroyed. The corner has been perpetuated with a  $\frac{1}{2}$ " Iron Rod 2' West of existing center line of McKay Road extending to the North and South, which has a gravel surface.

### LCRC AND RECORDED SURVEYS

Researching the Macomb County Records for Land Corner Recordation Certificates (LCRC) and Certificate of Survey shows Donald H. King, PS #30085 recorded a LCRC on March 20, 1996 and set a  $\frac{1}{2}$ " Iron w/cap #30085 top of found and bent 1  $\frac{1}{2}$ " Iron.

**WITNESSES:** (Based upon LCRC recorded in Liber 6952, Page 757 of Macomb County Records)

NW 98.29' PK Nail S Gate Post (gone)  
\*NE 167.00' PK Nail Power Pole  
\*SSW 74.39' PK Nail top of W end CMP  
\*SSE 76.67' PK Nail top of E end CMP

Jeffrey A. Wright, PS #40165 recorded a LCRC on May 14, 1997 in Liber 7454, Page 902 of Macomb County Records. He found a  $\frac{1}{2}$ " Iron Bar #30085.

**WITNESSES:**

NW 98.32' PK W side Utility Pole (gone)  
\*NE 167.03' PK W side Utility Pole  
\*SE 100.58' TP Nail w/MDSH disk NW side Utility Pole  
N 2663.49' NW Cor. Sec. 12, T5N, R12E (2663.48 Ft. mea)  
S 2683.55' SW Cor. Sec. 12, T5N, R12E (2683.59 Ft. mea)

Donald H. King, PS #30085 recorded a Certificate of Survey on April 25, 1996 in Liber 6993, Page 49 of Macomb County Records. He found a  $\frac{1}{2}$ " Iron w/cap #30085, used same witnesses as listed on the 1996 LCRC.

(Revised 05/15/04)



## UNRECORDED SURVEYS AND WITNESSES

Jeffrey A. Wright, PS #40165 did a Unrecorded Survey on December 11, 1998. Object founded not stated, no witnesses.

### FIELD MEASUREMENTS BETWEEN CORNERS

#### K-4 to K-3

GLO = 40 chains or 2640.00 Ft.

Survey recorded in Liber 6993, Pg. 49 = 2663.53 Ft.

Unrecorded survey by Jeffrey A. Wright, PS #40165 dated December 11, 1998 = 2663.48 Ft.

N02°38'07" W 2663.48 Ft.

#### K-4 to K-5

GLO = 40 chains or 2640.00 Ft.

Survey recorded in Liber 6993, Pg. 49 = 2683.58 Ft.

Unrecorded survey by Jeffrey A. Wright, PS #40165 dated December 11, 1998 = 2683.55 Ft.

S02°28'19" E 2683.59 Ft. (m)

#### K-4 to J-4

No GLO

S85°23'27" W 2700.84 Ft. (m)

#### K-4 to L-4

No GLO

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

Unrecorded survey by Jeffrey A. Wright, PS #40165 dated December 11, 1998 = 2627.27 Ft.

N76°50'35" E 2627.15 Ft. (m)

The witnesses for the above mentioned Land Corner Recordation Certificate and Certificate of Survey were used to verify the location of the found ½" Iron Rod as of March 17, 2004. I therefore, recommend to the Macomb County Peer Group that they accept the ½" Iron Rod as found as the best evidence of the corner position as being perpetuated.



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

HKK/hlk

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

## Down 5 North Range. 12 East

N8740 on R.L. betw S 13 & 2423.00 Ent<sup>d</sup> prop.

40.00 Set ten 1/2 m. post

47.00 Left Do.

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

Level brushy fallen timber land.

N8740 Betw S 13 & 24

4020 moved ten 1/2 m. p. to cor. D.

Csh 10 S 34 E 14

Elev 20 N 75 W 20

North Between S. 13 & 14

40.00 Set 1/2 m. post from which

Csh 5 N 89 E 33 no other

60.00 Brook in the East

80.00 Set post cor. S. 11, 12, 13, 14 from

which in elev 7 N 20 E 18

Do 9 S 70 E 28

Level fallen timber land.

N860 on R.L. betw S 12 & 13

30.00 Creek 50 lbs S.

40.00 Set ten 1/2 m. post

80.70 Put<sup>d</sup> R.L. 10 lbs NLevel wet swampy brushy land  
fallen timber.N8600 Corrected betw S. 12 & 13

40.35 moved ten 1/2 m. p. to cor. D.

Csh 11 S 43 W 13

Elev 6 S 69 E 23

North Between S. 11 & 12

40.00 Set 1/2 mile post from which

Town 5 North Range 12 East.

Cherry 4 in Ar. N 33 W 30  
 No other near  
 80.00 Set front corner Sec. 1, 2, 11 & 12  
 from which (Ask 6 N 66 W 8  
 Do 11 N 59 E 22  
 Level brushy fallen timber land  
 of Nov 13<sup>th</sup> 1817

N 85 E On R.L. bet<sup>n</sup> S 1 & 12  
 20.00 Creek 35 lbs S.  
 30.00 Left Swf.  
 40.00 Set ten 1/2 m. front  
 60.00 Ent<sup>d</sup> Farm Swf.  
 80.10 Ent<sup>d</sup> R.L. at front  
 Level Swopy brushy land

S 85 W Marked Bet<sup>n</sup> S 1 & 12  
 40.05 moved ten 1/2 m. fr to ar dist  
 Ask 12 N 40 E 75  
 No other near

North Bet<sup>n</sup> S 1 & 2  
 8.37 Brook 11 lbs East  
 17.12 Do. 16 lbs S.E.  
 32.20 Cr. 25 lbs S.W.  
 35.33 Cr. 25 Do S.E.  
 40.50 Set 1/2 mile front from which  
 Ask 8 N 75 E 13  
 Do 20 S 75 W 25  
 49.60 Creek 30 lbs S.W.  
 56.00 Do. off set west 1.00 N 58 E 1.00  
 66.06 Run 13 lbs S.E.  
 78.29 Creek 30 lbs S 20° E  
 85.50 Do 30 S 10 W  
 80.00 Set front corner S



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

For corners in

<u>Macomb</u> <small>(County)</small>	Located In: Bruce Twp.	Corner Code <u>≠</u>
1. Public Land Survey	T <u>5N</u> R <u>12E</u>	<u>K-3</u>
	T <u>5N</u> R <u>12E</u>	<u>K-4</u>
	T <u>5N</u> R <u>12E</u>	<u>K-5</u>
	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	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													

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:

*C0327831 LIBER:06952 PAGE:757 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:

- (K-3) found "T" Iron 17' W of C<sub>L</sub> of road. Matched remaining LCRC witnesses
- (K-4) set 1/2" Iron w/cap 30085, top of found and bent 1-1/2" Iron
- (K-5) found 1/2" Iron

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

- (K-3) "T" Iron  
 PK Nail in 10" Willow, NNW 37.93'  
 PK Nail in 8" Maple, West 25.41'  
 PK Nail in 10" Ash, SE 76.97'  
 Nail w/cap 5787 in Telephone Pole, SW 82.12'
- (K-5) 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 56.50'  
 PK Nail in 4" Oak, WSW 36.37'  
 PK Nail in 5" Oak, SW 63.56'

- (K-4) 1/2" Iron w/cap 30085  
 PK Nail in S 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'



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

02586 (145)

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-3, K-4
	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.

	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-3 F. "T" - Iron, as previously recorded

K-4 F. 1/2" Bar, #30085



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

K-3 F. "T" - Iron

K-4

F. 1/2" Bar, #30085

37.75' NNW to PK E. Side 10" Willow  
 25.40' WSW to PK N'y side 8" Maple  
 77.08' SE to PK S'y side 10" Ash  
 82.12' SSW to Nail w/cap #5787 SE side U. Pole  
 60.52' N. to Mag nail top of wood guard rail post

98.32' NW to PK W. side U. Pole  
 167.03' NE to PK W. side U. Pole  
 100.58' SE to nail w/MDSH disk NW side U. Pole  
 2663.49' N. to NW Cor. Sec. 12 T.5N., R.12E.  
 2683.55' S. to SW Cor. Sec. 12 T.5N., R.12E.

Signed by Jeffrey A. Wright  
 Surveyor's Michigan License No. 40165

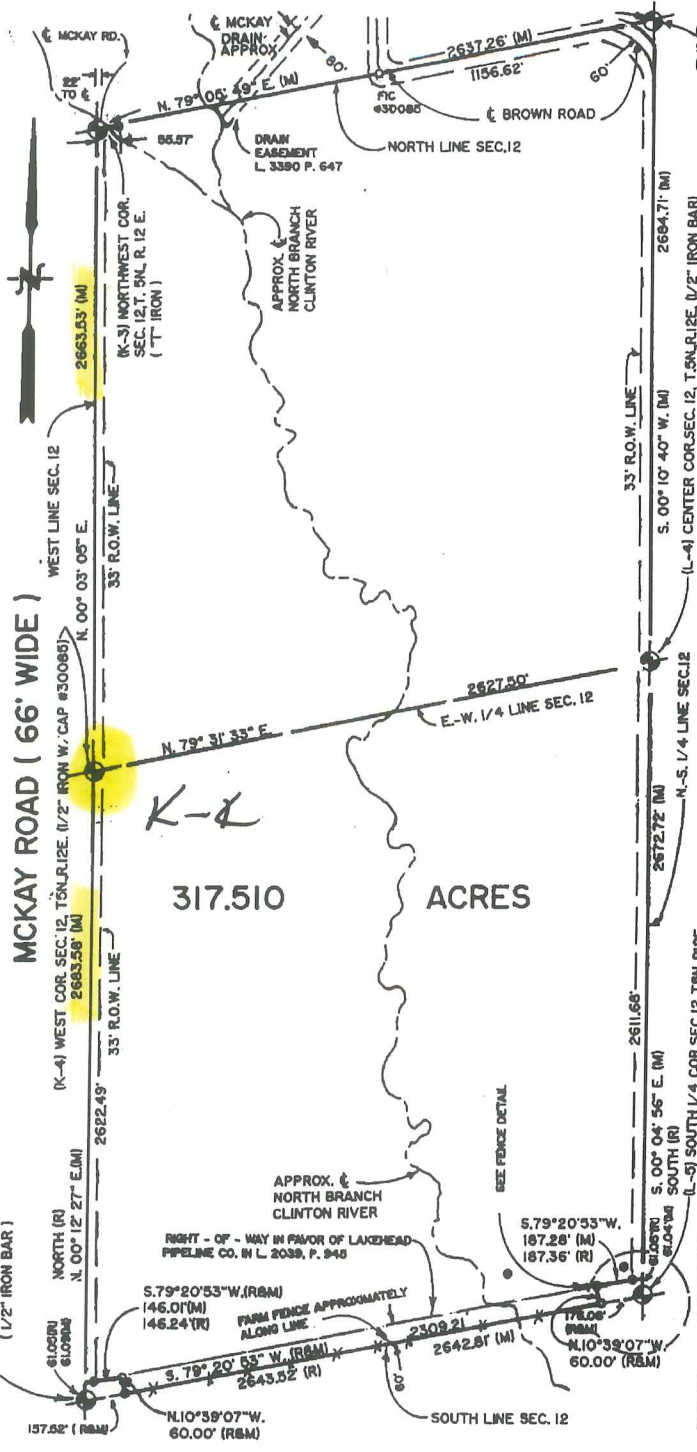
Date: 18 DECEMBER 1996

# 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.**

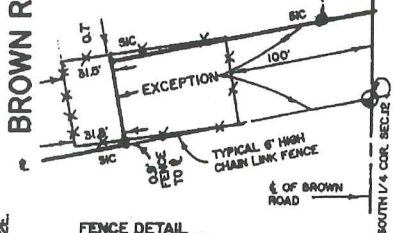
C0341662 LIBER:06993 PAGE:49 10:54A 04/25/1996  
CARMELL:A SABAUGH-MACOMB COUNTY, MI REG/DEEDS



NOTE :  $\circ$  = SIC (SET IRON W/ CAP)  
 $\bullet$  = 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	DATE
SHEET	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 58.50'  
PK Nail in 4" Oak, WSW 38.37'  
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'

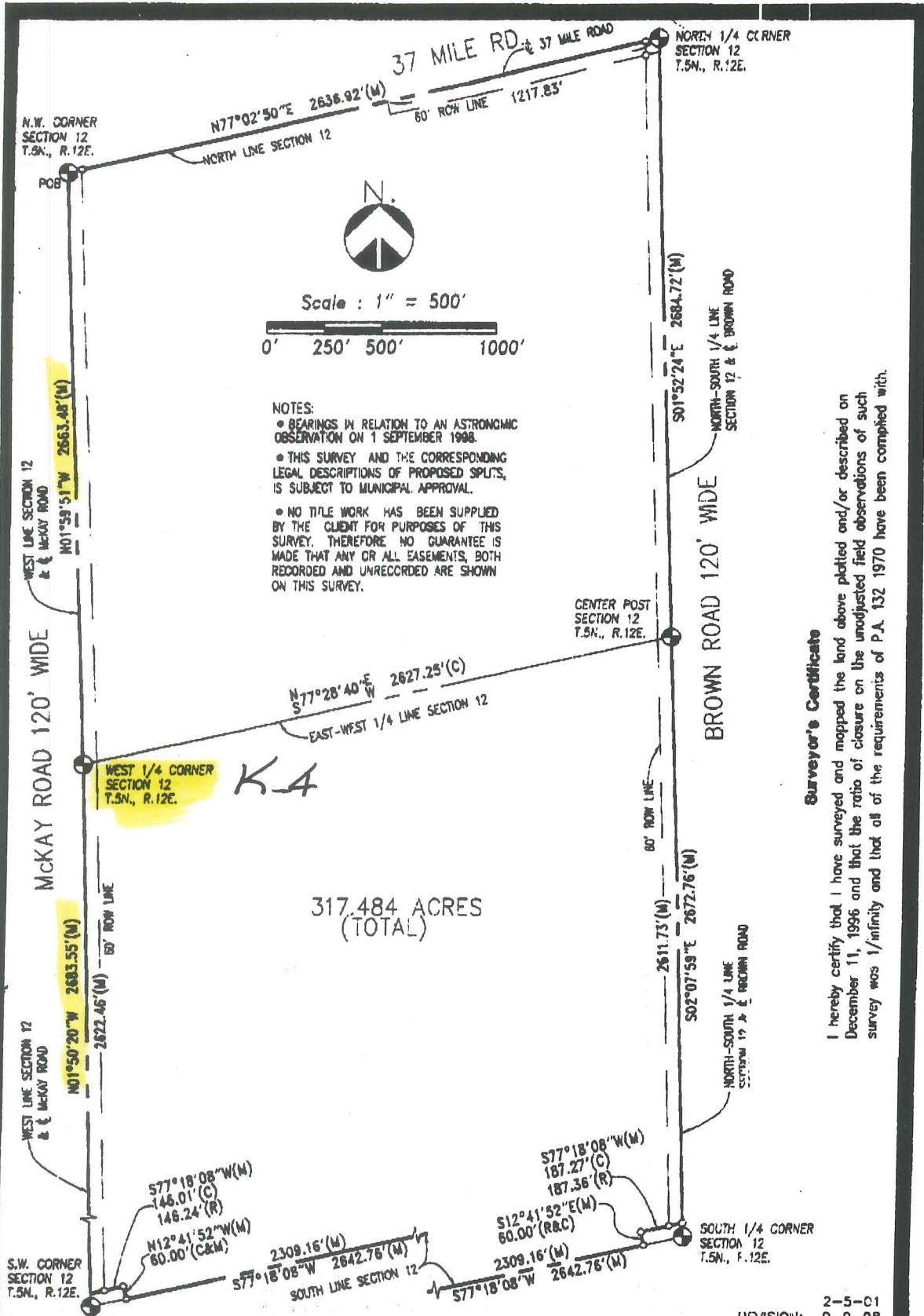


*Donald H. King*  
Donald H. King  
Professional Surveyor  
Michigan License No. 30085

FOR : JOHN HANLEY AND JEAN HANLEY  
JOB NUMBER : 96031  
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





**Surveyor's Certificate**

I hereby certify that I have surveyed and mopped the land above platted 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  
9-9-98

**URBAN LAND CONSULTANTS**

PHONE 810 731-8233  
FAX 810 731-2853

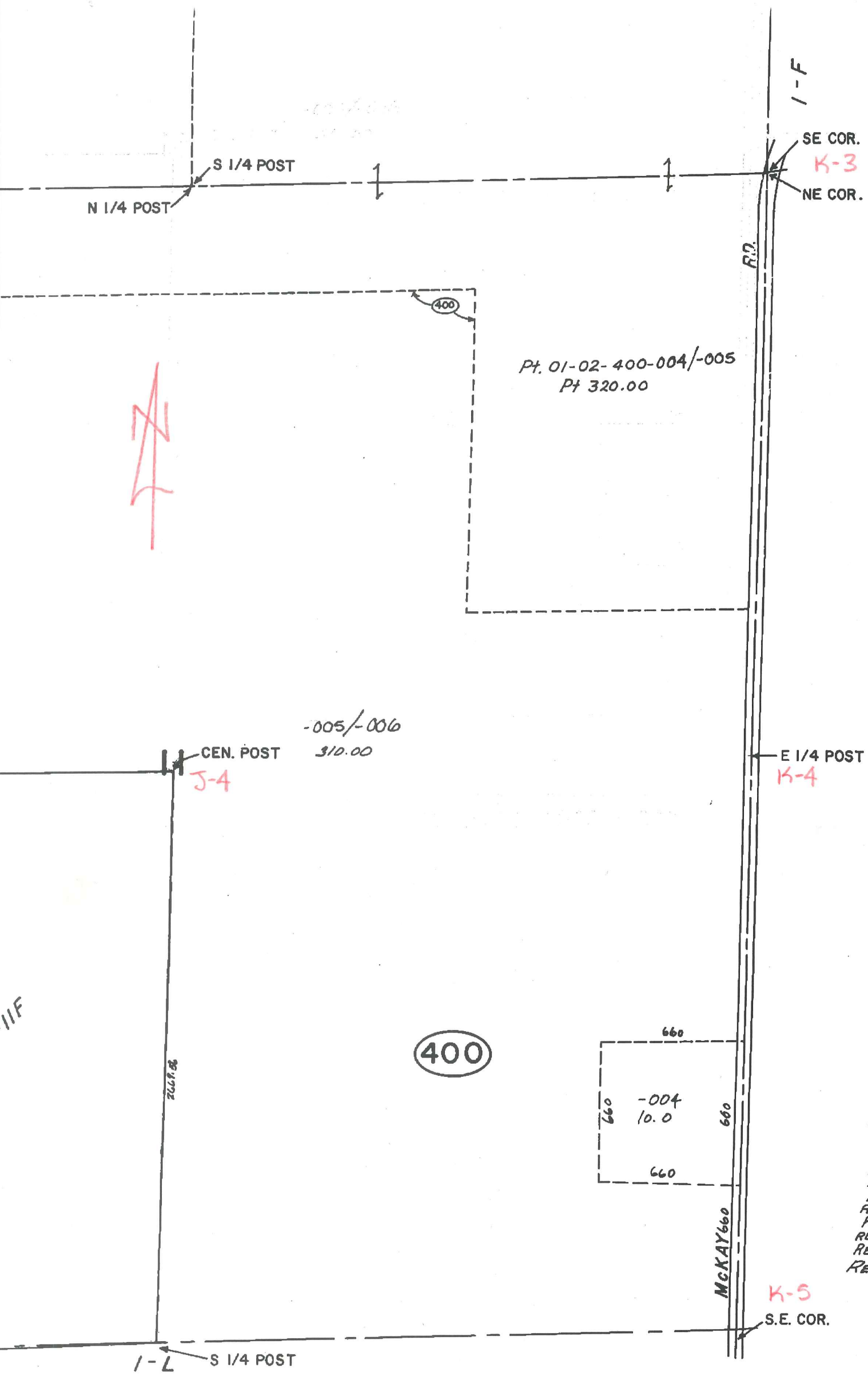
CIVIL ENGINEERS PLANNERS LAND SURVEYORS  
8800 23 MILE ROAD SHILOH TWP., MI 48318-4010

**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 12-11-96  
Drawn W.S.B.  
Check  
Sheet 1 OF 2  
Fld. Bk.  
Job No.  
980162-3342



400/006  
310.00

Pt. 01-02-400-004/-005  
Pt 320.00

-005/-006  
310.00

660  
-004  
10.0  
660  
660

MCKAY 660

REV. 7  
REV. 1  
REV. 6  
REV. 10  
REV. 9  
REV. 4  
REV. 3  
REV. 7  
REV. 9-1  
REV. 8-2  
REV. 5  
REV. 9-2  
REV. 6-1  
REV. 1-76



01-02-388-884

*N*

K-3

MCKAY

J-4

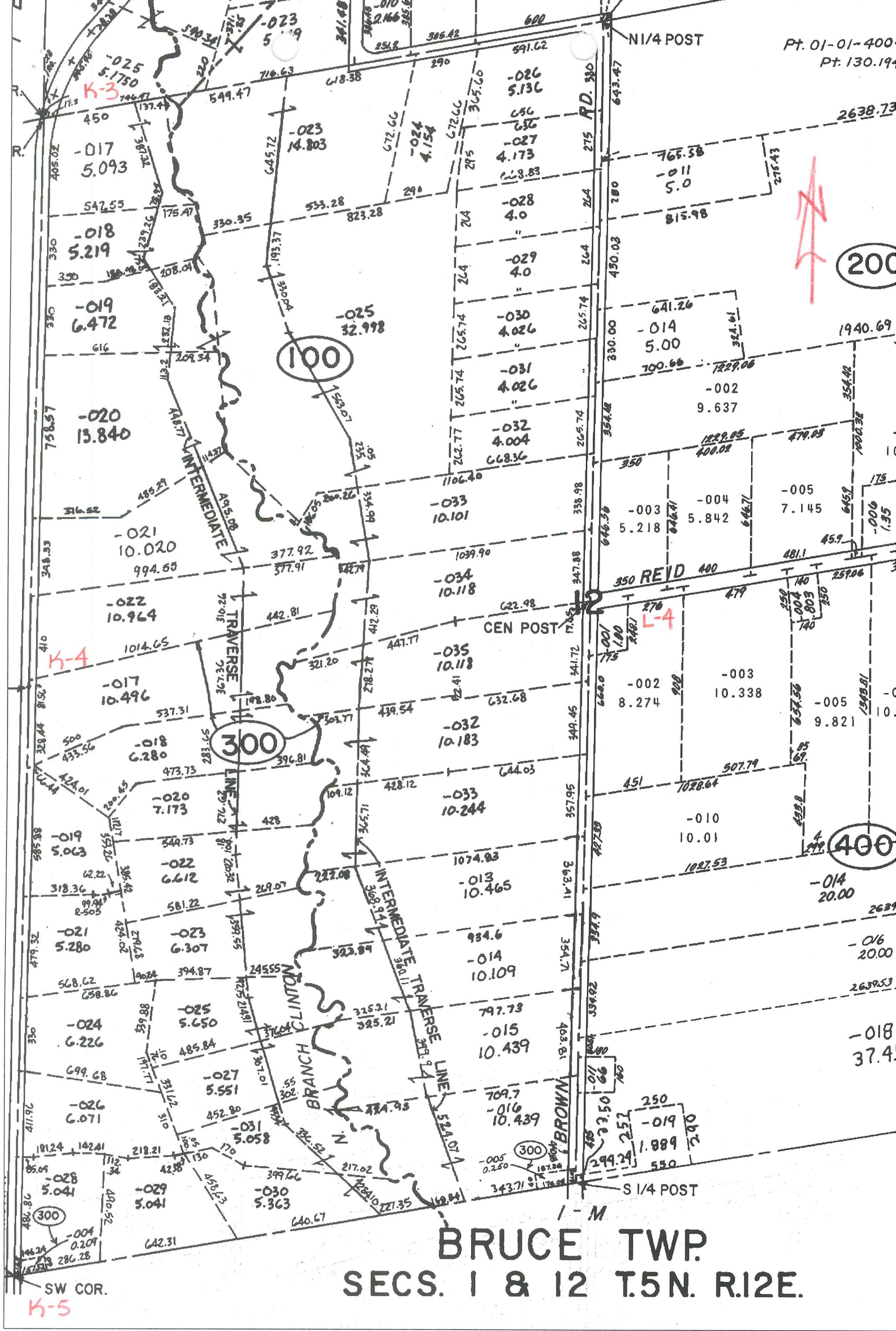
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01-11-400-005

K-4

01-11-400-004

K-5





**BRUCE TWP.  
SECS. 1 & 12 T.5N. R.12E.**

Date of Photography: March 2000



1:4800

SETVALL	BORDMAN	HIPP	KIDDER
MCKAIL	MEYER	WE	



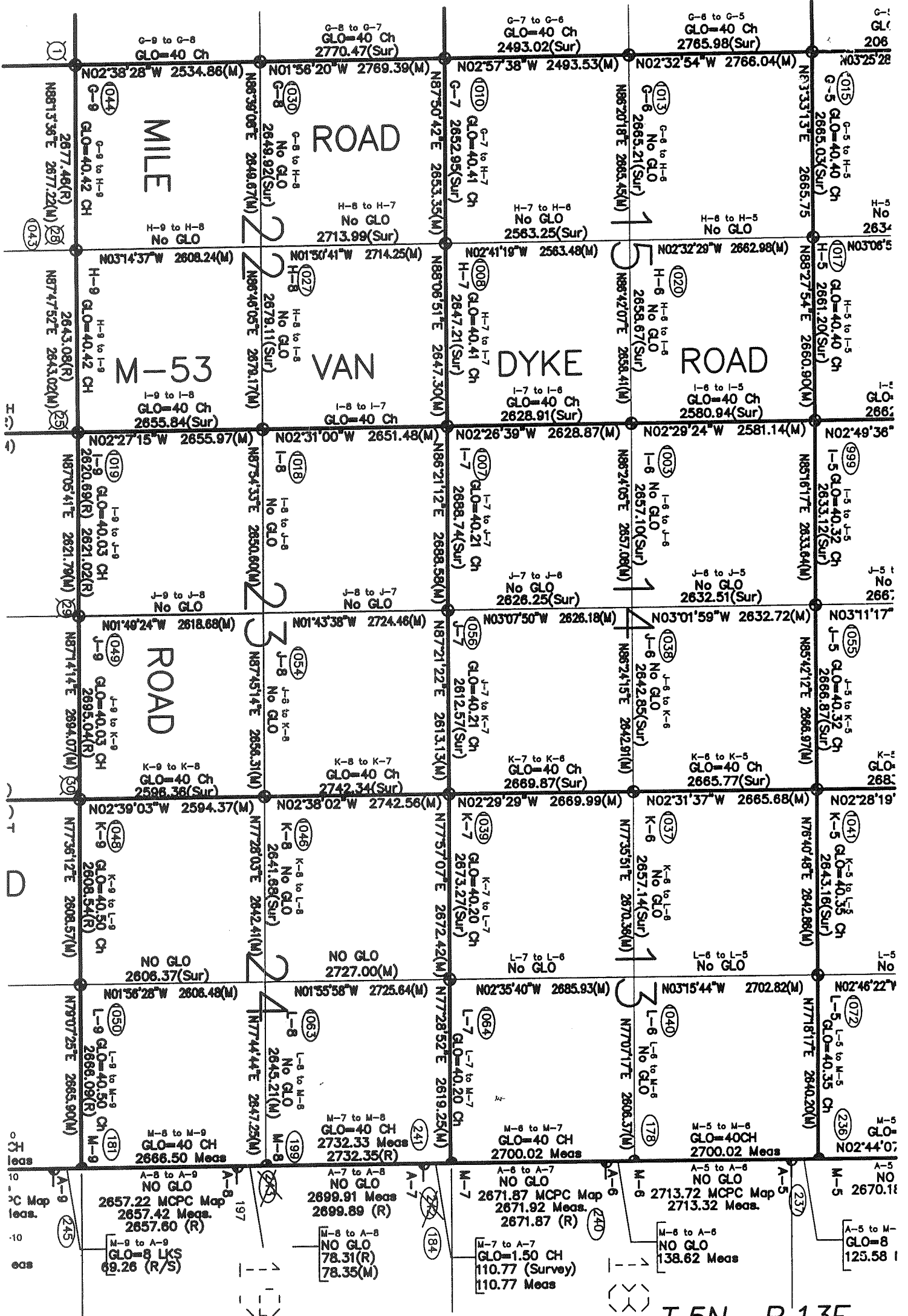


Photography: March 2000  
 0 400 800 Feet

WALE	BORDMAN	W/E	H/E	KIDDE
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T.5N.-R.13E.

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