

Land Corner Recordation Certificate
Amendment B to 2015 Annual Grant Agreement
 Authority: MCL 54.205 and R54.202

LCRC BEING RECORDED FOR THE PURPOSE OF PUBLISHING MICHIGAN STATE PLANE CORR DINATE DATA

This form is **ONLY** for corners filed under the 2015 State Survey and Remonumentation Grant Agreement

Filing Requirement: MCL 54.268(2)(a), 54.268(2)(d), 54.201 – 54.210d and 2015 State Survey and Remonumentation Grant Agreement

Notes:

- No more than two Original Public Land Survey Corners can be recorded on this certificate
- If a corner reported hereon is common to two or more survey townships, each Town, Range and Corner Code for the corner may be identified on this certificate
- If a corner reported hereon is common to two or more counties, each county may be identified on this certificate and a copy of this certificate filed with the Register of Deeds in each county

For corner(s) in: Macomb County T 5N., R 12E Bruce Township

Corner Type	Survey Township	Corner Code	Section Grid														
Original Public Land Survey Corner	T 5N R 12E	C-09	1	A	B	C	D	E	F	G	H	I	J	K	L	M	1
• MCL 54.202(g)	T R		2	6		5		4		3		2		1		2	
• MCL 54.262(g)	T R		3														3
	T R		4	7		8		9		10		11		12		4	
Property Controlling Corner	T R		5														5
• MCL 54.202(i)	T R		6	18		17		16		15		14		13		6	
• MCL 54.262(h)	T R		7														7
	T R		8	19		20		21		22		23		24		8	
Protracted Public Land Survey Corner	T R		9														9
• MCL 54.202(k)	T R		10	30		29		28		27		26		25		10	
• MCL 54.262(i)	T R		11														11
	T R		12	31		32		33		34		35		36		12	
	T R		13														13

Part A: Corner History: C-09 is a Section corner common with Sections 19, 20, 29 and 30

Corner Code and Narrative Description:

This corner was set in the original GLO surveys and remonumented by Huston Kennedy May 16, 2012, as recorded in Liber 21477, Page 253. Found a 24"x 3/4" rebar with a 2" diameter aluminum cap stamped MACOMB COUNTY MONUMENT, ACT 345 #17623, in a gravel road, along with four accessories.

2

C

Part B: Surveyor's Report on Perpetuation or Monumentation of Corner

Observed & Recorded Grid Distances:

C-09 to B-09	S85°26'56"W	2634.11 feet	GRID MEASURED
C-09 to C-08	N02°37'01"W	2594.92 feet	GRID MEASURED
C-09 to C-10	N02°29'46"E	2642.27 feet	GRID MEASURED
C-09 to D-09	N87°27'21"E	2636.82 feet	GRID MEASURED

Note: All Measured distances represent grid distance NAD83 SPC MI South Zone International Foot.

Part C: Field Evidence of Perpetuation or Monumentation of Corner

Found 3/4"x24" rebar with 2" diameter aluminum cap stamped MACOMB COUNTY MICHIGAN 345 17623 in gravel road.

- **N42°W 49.76' Set 1/2" capped iron rod 1' south of an existing steel fence post stamped HKK 17623
- **N49°E 60.60' Set 1/2" capped iron rod 1' south of an existing steel fence post stamped HKK 17623.
- **S37°E 51.85' Set Mag Nail w/Remon Washer West face power pole.
- **S03°E 99.97' Set Mag Nail w/Remon Washer West face 25" Ash
- **S44°W 92.53' Set capped 1/2" iron rod stamped HKK #17623/SST #30164

Note: ** Indicates Recovered Witness

Date of Observation	Latitude	Longitude	Datum and Adjustment Year	Epoch Date
March 3, 2015	42°49'49.98912"	-83°04'51.34460"	NAD 83 2011	2010

Method for coordinate determination: GPS Static C2-II
State Plane Coordinates International Feet N487522.41 E13468222.09
Standard Deviation 0.03N 0.03E
South Zone
Combined factor 0.999867
NGS PID: DH 9019
Orthometric Height 962.43
Survey Method GPS C2-II
Elevation Datum NAVD 88

I, Joseph C. Kapelczak, in a field survey on November 15, 2015, certify under the requirements of the State Survey and Remonumentation Act, 1990 PA 345, MCL 54.261 to 54.279, and the Corner Recordation Act, 1970 PA 74, MCL 54.201 to 54.210d, that the corner identified and described hereon has been perpetuated or monumented as described in Parts A, B, and C above, pursuant to the laws and rules of the State of Michigan.

Joseph C. Kapelczak

Joseph C. Kapelczak Date 12/18/2015

Professional Surveyor's License No.: 24598

JCK Group, Inc.
8615 Richardson Rd
Suite 100
Walled Lake, MI 49390



I, Martin C. Dunn, P.S., Macomb County Surveyor Representative have reviewed the corner perpetuated in parts A, B and C above for the purpose of publishing its Michigan State Plan Coordinate values and relative data and it is accepted for filing in the Macomb County Remonumentation Program..

Martin C. Dunn

Martin C. Dunn Date 12-29-2015

Macomb County Surveyor Representative
License No. 30081

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

For corners in

Macomb County Located In: Bruce Township Corner Code C-09

1. Public Land Survey	T	5N	R	12E	C-09
	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		

2107895 PAGE 1 OF 2
LIBER 21477 PAGE 253
08/03/2012 08:26:34 A.M.
MACOMB COUNTY, MI
CARMELLA SABAUGH, REGISTER OF DEEDS

SEAL

Register of Deeds Stamp & File Number

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

I, Huston K. Kennedy, in a field survey on May 10, 2012 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:

- 1.) 1817-Wampler, D.S., 18" White Oak S80°W 3 links; 24" Black Oak S74°E 23 Links
- 2.) 1979-Verba, RLS #13603; LCRC L. 3074, Pg. 21 – Fnd a 1" iron pipe 6' north of 34 Mile Road (26' gravel). Corner follows fence line running to the south.
- 3.) 2003-Duthler, PS #47200; unrecorded Certificate of Survey – Fnd 1" bar

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

2012-Kennedy Surveying, Inc. – Kennedy, PS #17623 – Fnd a 1" x 36" iron pipe 0.5 feet below the road surface. The corner is located 6 feet north of the existing centerline of 34 Mile Road extending to the east and west which has a gravel surface. There are no occupational features to the north due to the common ownership across section line, Ford Motor Company Proving Grounds. There is a very wide fence, tree and brush row extending to the south with large parcels of land on either side of the section lines that are undeveloped.

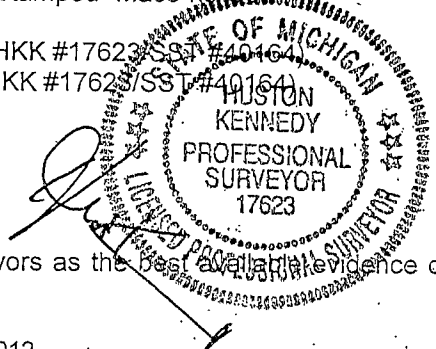
Witnesses from LCRC #2 and unrecorded Certificate of Survey #3, the measured distance to the adjacent government corners to the east and south were used to recover and verify the location of the found 1" iron pipe.

I accepted the found 1" iron pipe as the best evidence of the corner position to be perpetuated.

RECORDED, UNRECORDED AND FIELD MEASUREMENTS BETWEEN CORNERS see back side of LCRC

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

- C-09 I replaced the found 1" iron pipe with a 3/4" x 24" iron rod w/2" diameter aluminum cap stamped "Macomb County Monument, MI Act #345, PS #17623"
- N42°W 49.76' Set capped 1/2" iron rod 1' south of an existing steel fence post (cap stamped HKK #17623/SST #40164)
- N49°E 60.60' Set capped 1/2" iron rod 1' south of an existing steel fence post (cap stamped HKK #17623/SST #40164)
- S37°E 51.85' Set Mag Nail w/Remon Washer West face power pole
- S03°E 99.97' Set Mag Nail w/Remon Washer West face 25" Ash
- S44°W 92.53' Set capped 1/2" iron rod (cap stamped HKK #17623/SST #30164)



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 14, 2012
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 6-12-2012

Martin C. Diinn
MARTIN C. DIINN P.S. CHAIRMAN

TOWN 5 NORTH, RANGE 12 EAST, BRUCE TOWNSHIP (C-09)

Section "B" cont.

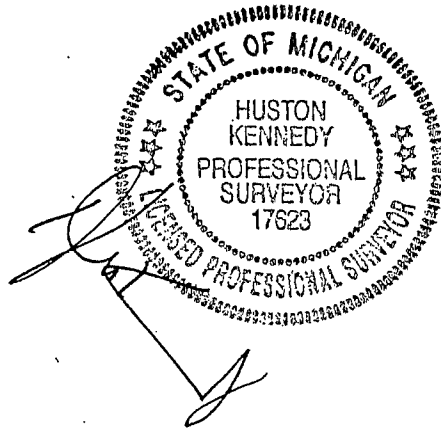
RECORDED, UNRECORDED AND FIELD MEASUREMENTS BETWEEN CORNERS

C-09 to C-08 (which falls within the proving grounds)
GLO = 40 chains or 2640.00 Ft.

C-09 to C-10 (not a remon corner)
GLO = 40 chains or 2640.00 Ft.
R. A. Duthler, PS #47200 unrecorded Certificate of Survey dated February 26, 2003 = 2643.08 Ft.
S02°30'26" E 2642.81 Ft. (mea. 2012)

C-09 to B-09
GLO = 40 chains or 2640.00 Ft.
S85°27'02" W 2634.46 Ft. (mea. 2012)

C-09 to D-09 (not a remon corner)
GLO = 40.25 chains or 2656.50 Ft.
R. A. Duthler, PS #47200 unrecorded Certificate of Survey dated February 26, 2003 = 2637.00 Ft.
N87°27'49" E 2637.57 Ft. (mea. 2012)



**MACOMB COUNTY 2012 REMONUMENTATION GRANT
PROGRAM FOR BRUCE TOWNSHIP
C-09**

Section One

Index

Pictures in the four cardinal directions, found monumentation and after setting the required monumentation.

Section Two

Surveyor's Report

Land Corner Recordation Certificate

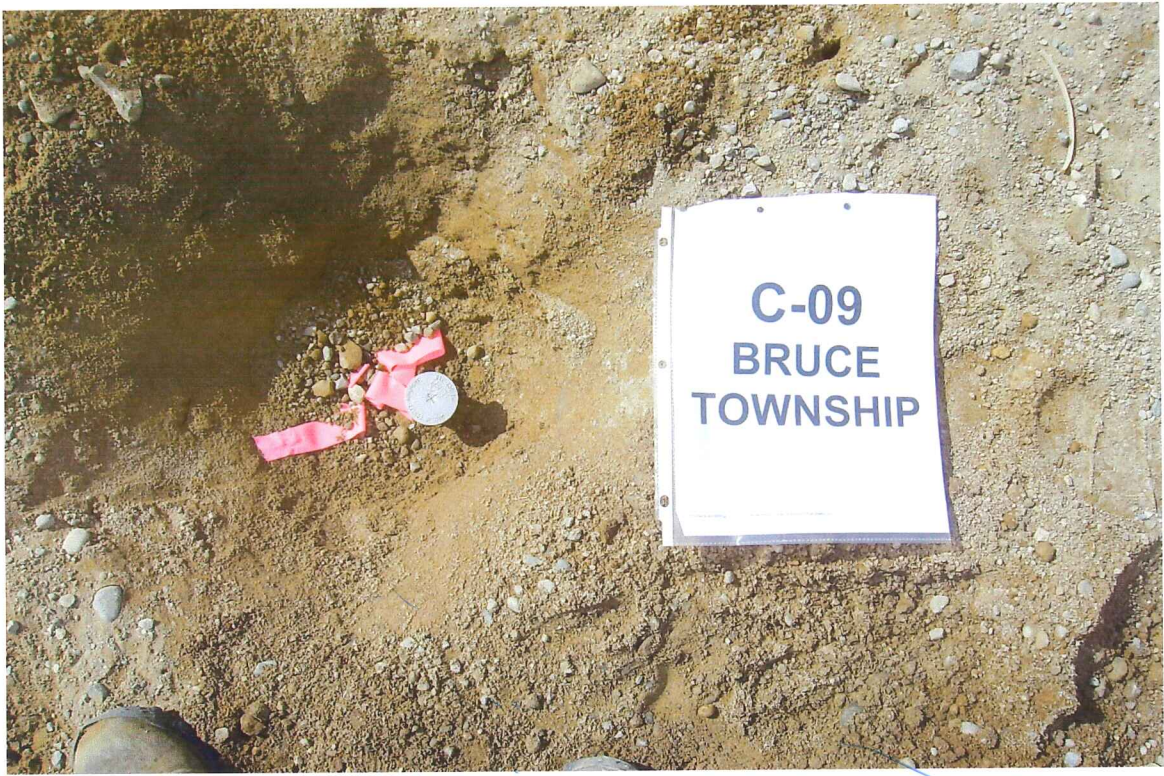
Section Three

1-2. Field Notes

3. GLO Map – 1818 Map of Bruce Township
4. Map of Bruce Township – 1875
5. Map of Bruce Township – 1895
6. Map of Bruce Township – 1916
7. Map of Bruce Township - 2006
8. Macomb County Composite Map 01-19G
9. Macomb County Composite Map 01-19H
- 10.. Macomb County Composite Map 01-20E
11. Macomb County Composite Map 01-20F
12. Macomb County Composite Map 01-29A
13. Macomb County Composite Map 01-29B
14. Macomb County Composite Map 01-30C
15. Macomb County Composite Map 01-30D

Section Four

1. Copy of GLO field notes for C-09
2. Land Corner Recordation Certificate, Liber 3074, page 21, Page one of one
3. Unrecorded Certificate of Survey prepared by R. A. Duthler, PS #47200, Pages one and two of two









**2012
MACOMB COUNTY REMONUMENTATION GRANT
PROGRAM FOR BRUCE TOWNSHIP
C-09**

Prepared by:
Kennedy Surveying, Inc.
105 North Washington Street
Oxford, Michigan 48371
12-6880 (96-4013)

**Sources of Information Researched
For Macomb County 2012 Remonumentation Grant Program
for Bruce Township**

- 1) GLO Notes
- 2) Act 74 Recorded LCRC
- 3) Act 132 Recorded Surveys
- 4) Personal History and Records
- 5) LCRC's and Surveys
- 6) Letters to the Following, Requesting Unrecorded information
 - a) Anderson, Eckstein & Westrick
 - b) BMJ Engineers & Surveyors
 - c) Community Engineering & Surveying
 - d) David Little Land Surveyor
 - e) David P. Smith & Associates, Inc.
 - f) Fenn & Associates Surveying, Inc.
 - g) George Jerome & Company
 - h) Grant Ward Surveyors
 - i) Great Lakes Geomatics
 - j) Heil Surveying, Inc.
 - k) JCK Group, Inc.
 - l) James Land Surveying
 - m) Kem-Tec & Associates
 - n) Kieft Engineering, Inc.
 - o) King Surveying & Associates, Inc.
 - p) Lehner Associates, Inc.
 - q) McCoy Survey & Engineering Company
 - r) Metco Land Sea Corp.,
 - s) Milletics & Associates
 - t) R. A. Duthler Land Surveyor, LLC
 - u) Reichert Surveying
 - v) R. J. Donnelly & Associates
 - w) Road Commission for Macomb County
 - x) Rowe Incorporated
 - y) Spalding, DeDecker & Associates
 - z) Urban Land Consultants, LLC
 - aa) William J. Angus & Associates

GLO SURVEY HISTORY

Researching the government survey records for Macomb County shows that the south and east 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 Southeast corner of Section 19, the Southwest corner of Section 20, the Northwest corner of Section 29 and the Northeast corner of Section 30.

WITNESSES:

18" White Oak	S80°W	3 Links
24" Black Oak	S74°E	23 Links

EXISTING FIELD CONDITIONS

The original government post has been obliterated and the witness trees have been destroyed. The corner has been perpetuated with a 1" x 36" iron pipe 0.5 feet below the road surface. The corner is located 6 feet north of the existing centerline of 34 Mile Road extending to the east and west which has a gravel surface. There are no occupational features to the north due to the common ownership across the section line, Ford Motor Company Proving Grounds. There is a very wide fence, tree and brush row extending to the south with large parcels of land on either side of the section lines that are undeveloped.

RECORDED AND UNRECORDED LCRC'S AND CERTIFICATE OF SURVEYS

Researching the Macomb County Records for Land Corner Recordation Certificates (LCRC) and Certificate of Survey shows that Donald R. Verba, RLS #13603 recorded a LCRC on March 5, 1979 in Liber 3074, page 21 of Macomb County Records. He found a 1" iron pipe 6 feet north of 34 Mile Road (26' gravel). Corner follows fence line running to the south.

WITNESSES:

- *Fnd PK nail in NE side of 12" Cherry Az. 109° 98.08 Ft.
- Fnd PK nail in East side of D.E. power pole Az. 183° 50.73 Ft. (gone)
- *Centerline 3" metal fence post Az. 341° 36.60 Ft.

R. A. Duthler, PS #47200 prepared a unrecorded Certificate of Survey on February 26, 2003 and found a 1" bar.

WITNESSES:

- *36.60' NW centerline of 3" dia. fence post
- 97.98' ESE to shiner in north face 24" Cherry (gone)
- *51.78' South to shiner in West face power pole
- 93.10' SW to shiner in NW face of 4" Maple (gone)

RECORDED, UNRECORDED AND FIELD MEASUREMENTS BETWEEN CORNERS

C-09 to C-08 (which falls within the proving grounds)
GLO = 40 chains or 2640.00 Ft.

C-09 to C-10 (not a remon corner)
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R. A. Duthler, PS #47200 unrecorded Certificate of Survey dated February 23, 2003 = 2643.08 Ft.
S02°30'26" E 2642.81 Ft. (mea. 2012)

C-09 to B-09

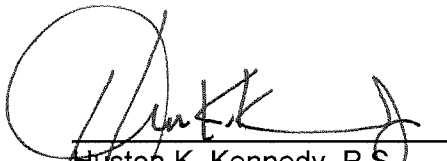
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R. A. Duthler, PS #47200 unrecorded Certificate of Survey dated February 26, 2003 = 2637.00 Ft.
N87°27'49" E 2637.57 Ft. (mea. 2012)

SURVEYOR'S RECOMMENDATION

The witnesses from the above mentioned recorded Land Corner Recordation Certificates and unrecorded Certificate of Survey along with the measured distance between the adjacent government corners to the east and south were used to verify the location of the found 1" iron pipe as of May 4, 2012. I therefore, recommend to the Macomb County Survey Peer Group that they accept the 1" iron pipe as found as the best evidence of the corner position to be perpetuated.



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

HKK/clh

*Used to verify the location of the found corner (C-09)

Data File 96-4013

**2012
MACOMB COUNTY
REMONUMENTATION GRANT PROGRAM
FOR BRUCE TOWNSHIP C-09**

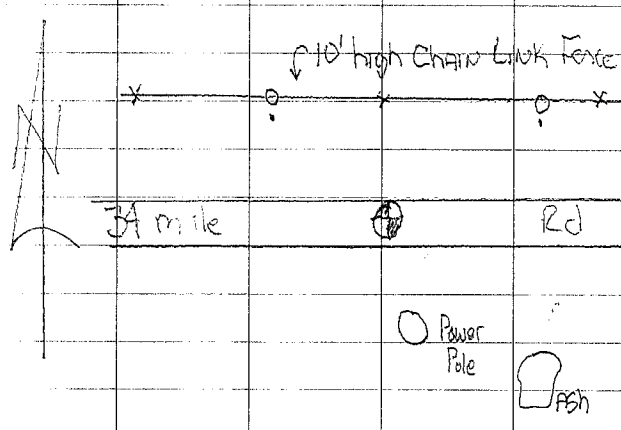
Pgs. 1-2

NO. 446

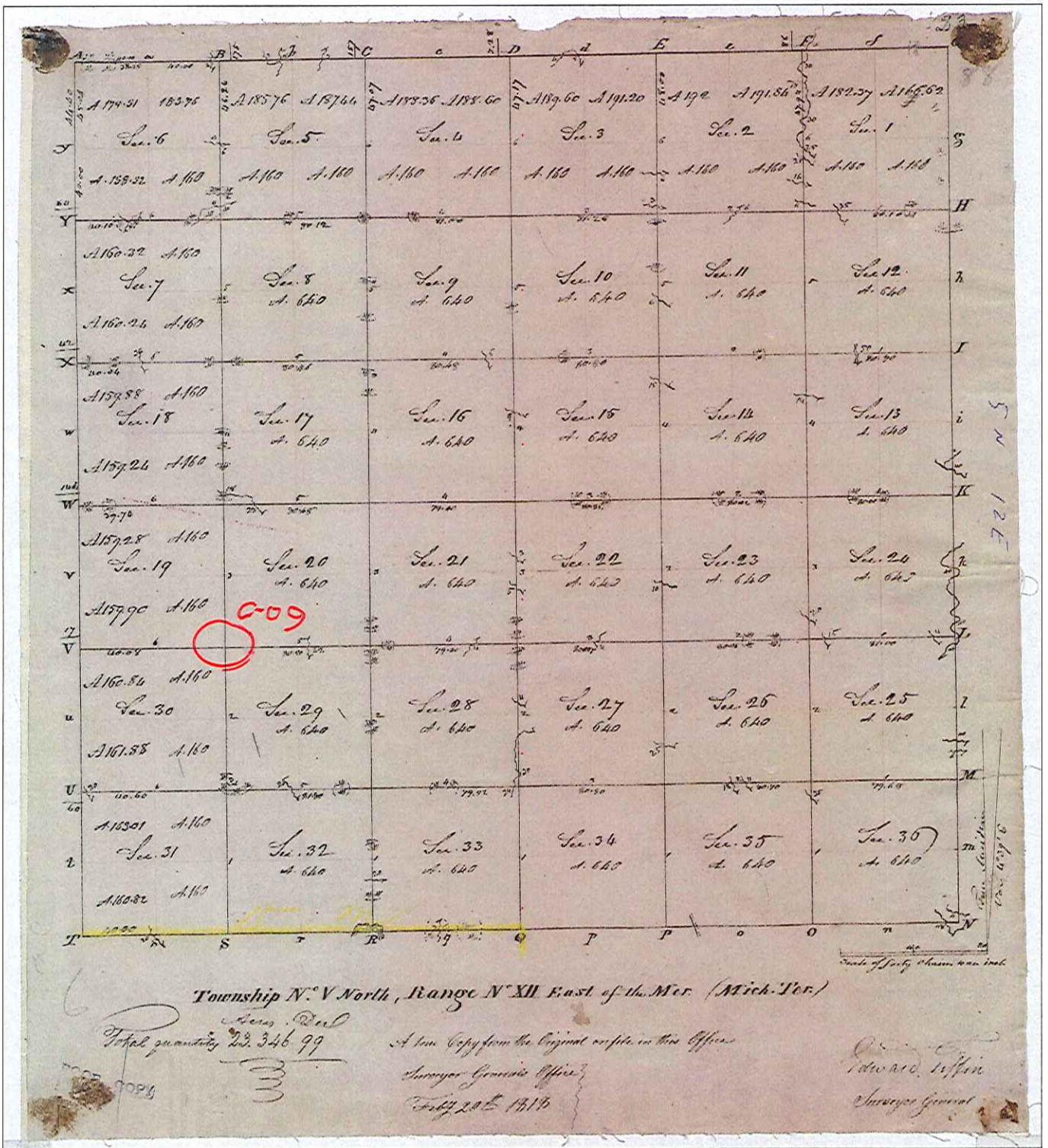
NATIONAL PRINTFAST

NE of RD 30, C-09
 Bruce twp.

1" Iron Pipe 0.50' Below the Surface 3'
 Long 6' North of the Existing Center of
 34 mile Rd Extending East and West which has
 a gravel surface & old Fence Rock Row
 Extends South

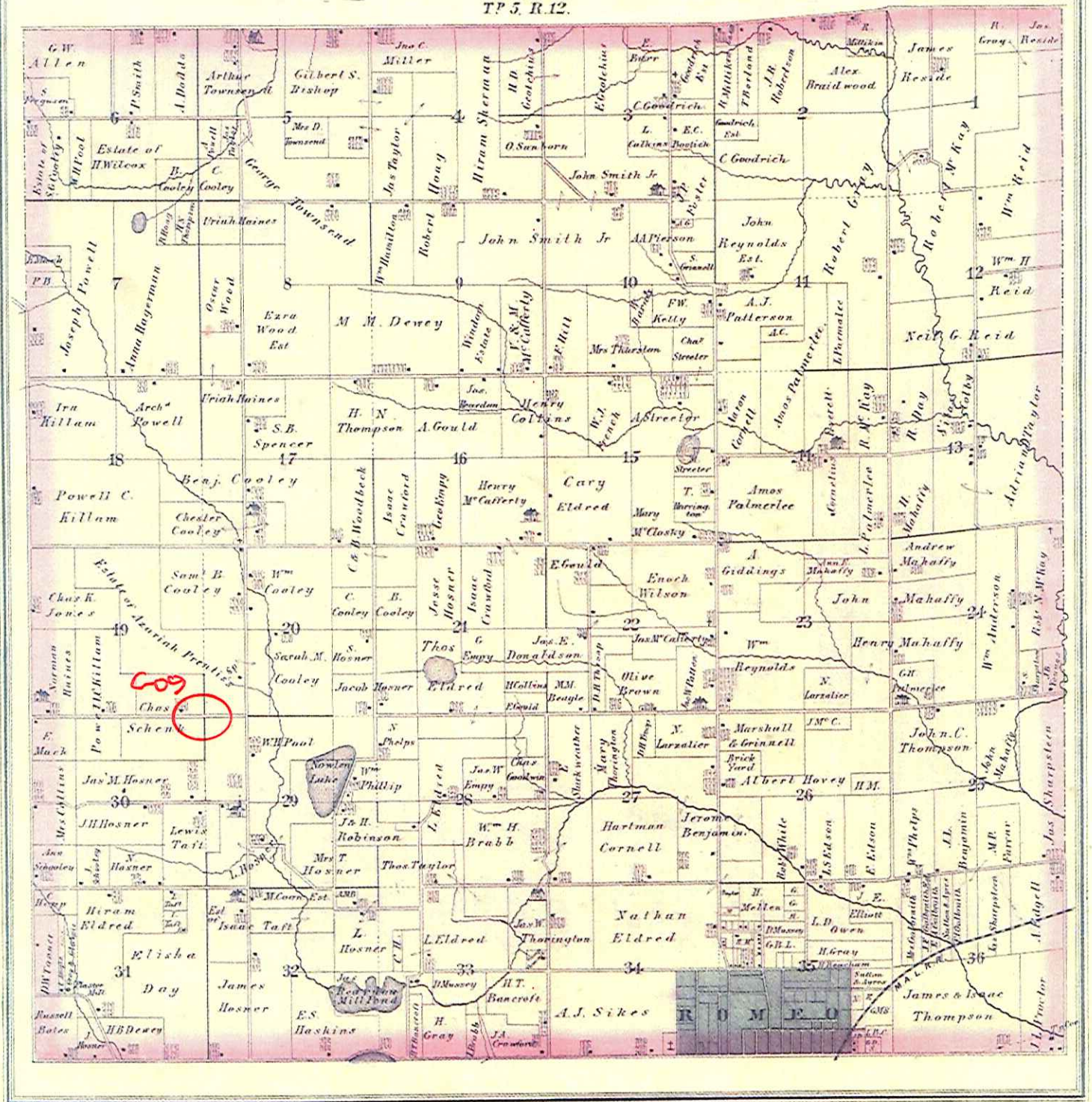


N 42° W 49.76 1/2" Iron Pipe 1' off Fence Post
 N 49° E 60.60 " " "
 S 37° E 51.85 maglw West Face Power Pole
 S 03° E 99.97 maglw West Face 25" Ash



MAP OF BRUCE TOWNSHIP

TP 5, R. 12.

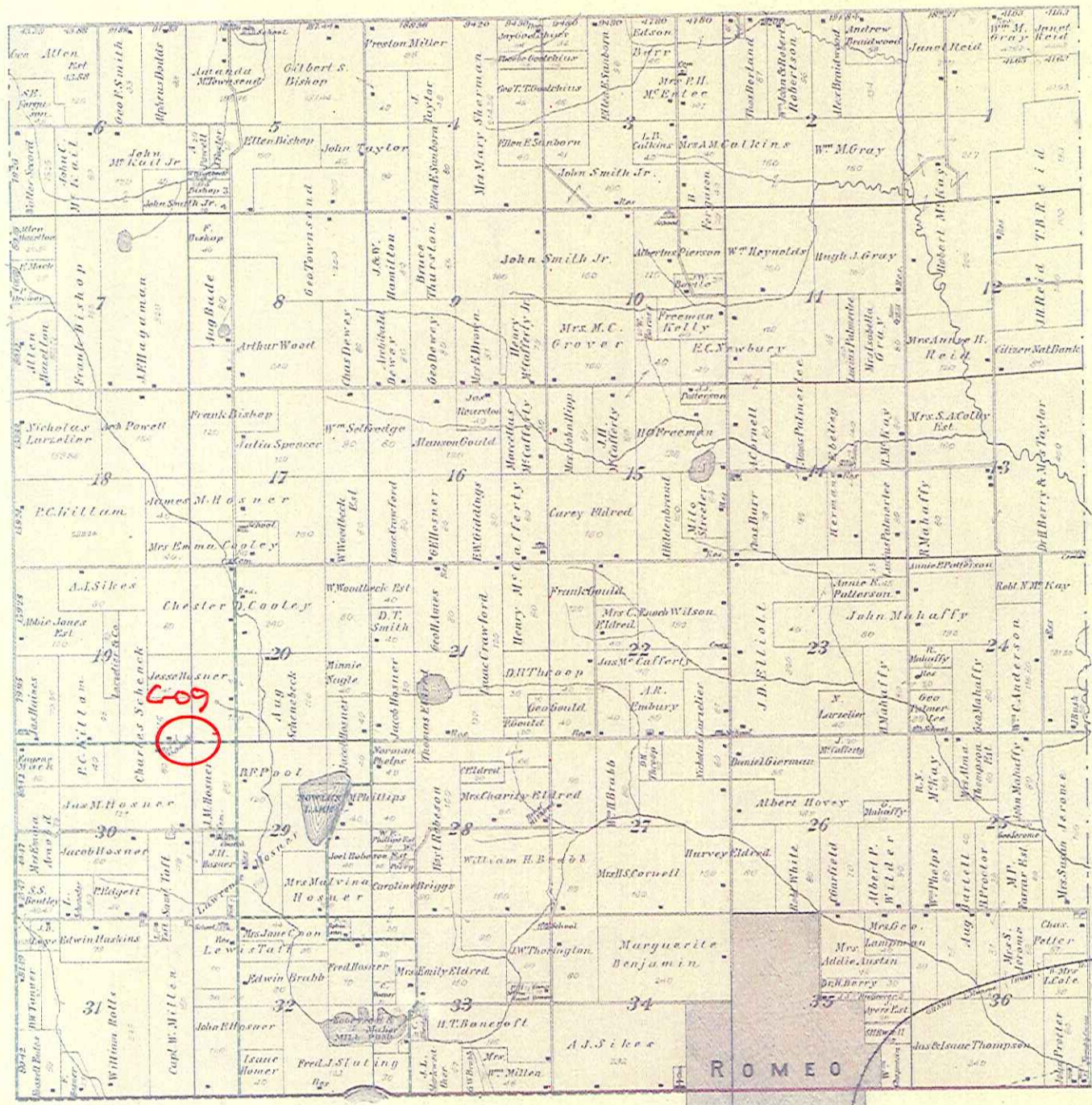


MAP OF BRUCE

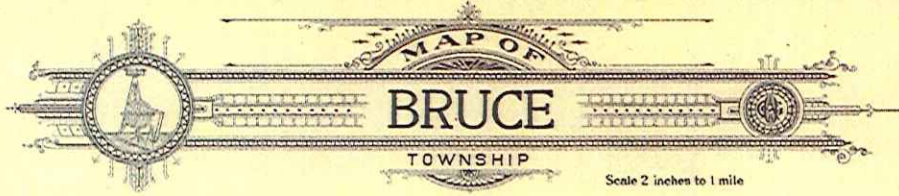
Township 5 North Range 12 East

Scale 2 Inches to one Mile.

of the Meridian of Michigan

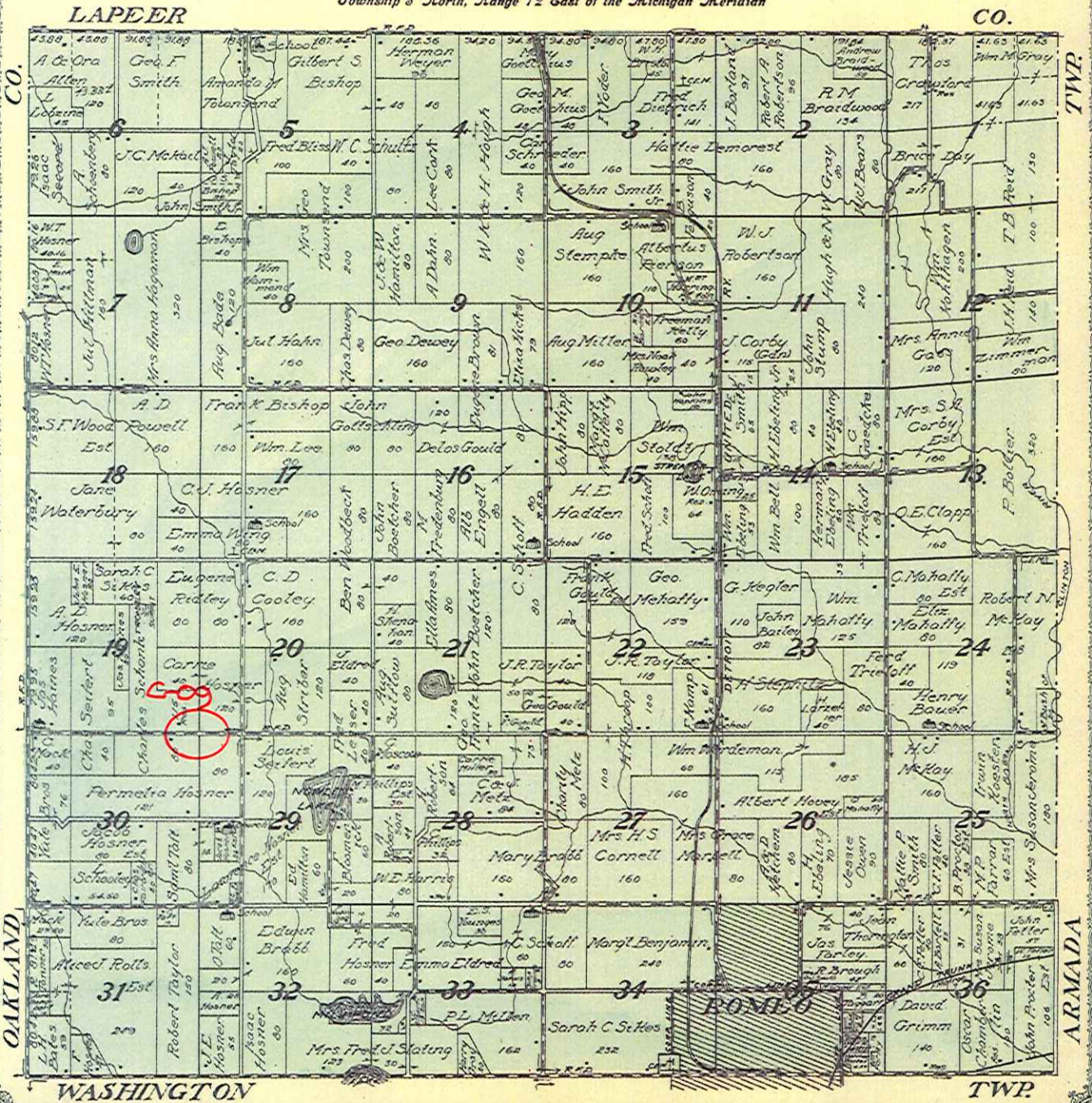


609



MAP OF
BRUCE
 TOWNSHIP
 Scale 2 inches to 1 mile

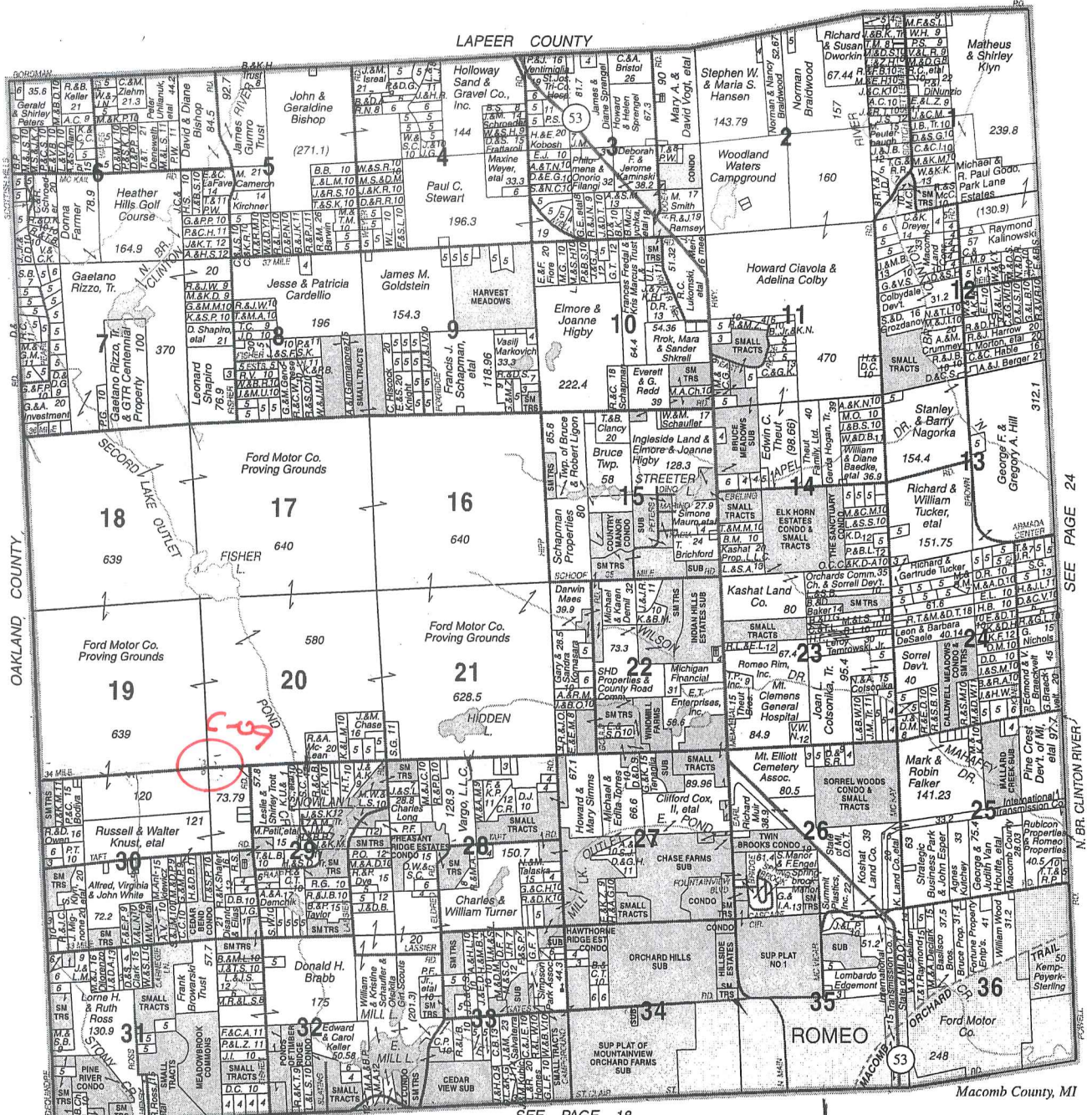
Township 5 North, Range 12 East of the Michigan Meridian



1914 (6)

BRUCE

T.5N.-R.12E.



SEE PAGE 24

SEE PAGE 18

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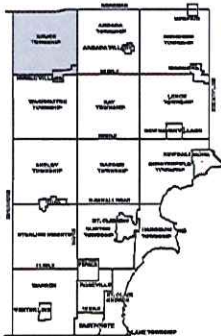
2006

7



Date of Photography: Spring 2010
 100 50 0 100 200 Feet

1:1,200



BRUCE TOWNSHIP SHEET INDEX

RANGE		TOWNSHIP											
		13-19			13-20			13-21			13-22		
		13-19-1	13-19-2	13-19-3	13-19-4	13-19-5	13-19-6	13-19-7	13-19-8	13-19-9	13-19-10	13-19-11	13-19-12
13-19-1	13-19-2	13-19-3	13-19-4	13-19-5	13-19-6	13-19-7	13-19-8	13-19-9	13-19-10	13-19-11	13-19-12	13-19-13	13-19-14
13-19-15	13-19-16	13-19-17	13-19-18	13-19-19	13-19-20	13-19-21	13-19-22	13-19-23	13-19-24	13-19-25	13-19-26	13-19-27	13-19-28
13-19-31	13-19-32	13-19-33	13-19-34	13-19-35	13-19-36	13-19-37	13-19-38	13-19-39	13-19-40	13-19-41	13-19-42	13-19-43	13-19-44
13-19-47	13-19-48	13-19-49	13-19-50	13-19-51	13-19-52	13-19-53	13-19-54	13-19-55	13-19-56	13-19-57	13-19-58	13-19-59	13-19-60

DESCRIPTION OF PERMANENT REAL ESTATE INDEX NUMBER

13-19-302-018

Legend

- Platted Area Boundary Line
- Property Line
- Property Spill Line
- Property Combined Line
- Township Boundary Line
- Traverse Line
- Dimension Extent Marks
- Dimension Start Marks

01-19G
 Bruce Twp.
 W. 1/2 S.E. 1/4 SEC. 19 T. 5N. R. 12E.

Source: Macomb County Department of Planning and Economic Development
 - 2005 Digital Orthophotography Project - Parcel Conversion Project

Note:
 Digital Orthophotography horizontal positioning accuracy is 3 feet. Parcel boundary lines should be considered a graphical representation and not in any way a legal survey or engineering document. In general, the horizontal positioning and length accuracy is within 15 feet.

This map is intended for general planning purposes. Site specific evaluation should be verified by field inspection. This is a work in progress and may contain errors and omissions. Please report any potential revisions to 500.460-5295.

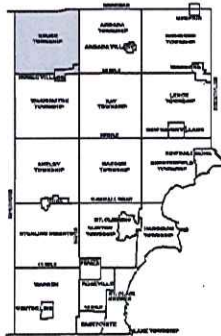


GIS MACOMB COUNTY
 Planning and Economic
 Development Department

Published: Oct 27, 2010



Date of Photography: Spring 2010
 100 50 0 100 200 Feet



BRUCE TOWNSHIP SHEET INDEX

BRUCE TOWNSHIP		BOARDMAN	
1-1	1-2	1-3	1-4
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1-13	1-14	1-15	1-16
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1-211	1-212	1-213	1-214
1-221	1-222	1-223	1-224
1-231	1-232	1-233	1-234
1-241	1-242	1-243	1-244
1-251	1-252	1-253	1-254
1-261	1-262	1-263	1-264
1-271	1-272	1-273	1-274
1-281	1-282	1-283	1-284
1-291	1-292	1-293	1-294
1-301	1-302	1-303	1-304
1-311	1-312	1-313	1-314
1-321	1-322	1-323	1-324
1-331	1-332	1-333	1-334
1-341	1-342	1-343	1-344
1-351	1-352	1-353	1-354
1-361	1-362	1-363	1-364
1-371	1-372	1-373	1-374
1-381	1-382	1-383	1-384
1-391	1-392	1-393	1-394
1-401	1-402	1-403	1-404
1-411	1-412	1-413	1-414
1-421	1-422	1-423	1-424
1-431	1-432	1-433	1-434
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1-471	1-472	1-473	1-474
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1-561	1-562	1-563	1-564
1-571	1-572	1-573	1-574
1-581	1-582	1-583	1-584
1-591	1-592	1-593	1-594
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1-611	1-612	1-613	1-614
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1-631	1-632	1-633	1-634
1-641	1-642	1-643	1-644
1-651	1-652	1-653	1-654
1-661	1-662	1-663	1-664
1-671	1-672	1-673	1-674
1-681	1-682	1-683	1-684
1-691	1-692	1-693	1-694
1-701	1-702	1-703	1-704
1-711	1-712	1-713	1-714
1-721	1-722	1-723	1-724
1-731	1-732	1-733	1-734
1-741	1-742	1-743	1-744
1-751	1-752	1-753	1-754
1-761	1-762	1-763	1-764
1-771	1-772	1-773	1-774
1-781	1-782	1-783	1-784
1-791	1-792	1-793	1-794
1-801	1-802	1-803	1-804
1-811	1-812	1-813	1-814
1-821	1-822	1-823	1-824
1-831	1-832	1-833	1-834
1-841	1-842	1-843	1-844
1-851	1-852	1-853	1-854
1-861	1-862	1-863	1-864
1-871	1-872	1-873	1-874
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1-1001	1-1002	1-1003	1-1004

DESCRIPTION OF PERMANENT REAL ESTATE INDEX NUMBER

13-19-302-018

- Legend**
- Platted Area Boundary Line
 - Property Line
 - Property Split Line
 - Property Combined Line
 - Township Boundary Line
 - Traverse Line
 - Dimension Extent Marks
 - Dimension Start Marks

01-19H
 E. 1/2 S.E. 1/4 SEC. 19 T. 5N. R. 12E.

Source: Macomb County Department of Planning and Economic Development
 - 2008 Digital Orthophotography Project
 - Parcel Conversion Project

Note:
 Digital Orthophotography horizontal positioning accuracy is 3 feet. Parcel boundary lines should be considered a graphical representation and not in any way a legal survey or engineering document. In general, the horizontal positioning and length accuracy is within 15 feet.

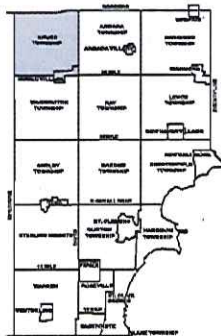
This map is intended for general planning purposes. Site specific evaluation should be verified by field inspection. This is a work in progress and may contain errors and omissions. Please report any potential revisions to 980-628-2200.



MACOMB COUNTY
 Planning and Economic
 Development Department



Date of Photography: Spring 2010
 100 50 0 100 200 Feet
 1:1,200



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BRUCE TOWNSHIP SHEET INDEX

TOWNSHIP		RANGE		SECTION	
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13	19	302	018	11	36
13	19	302	018	12	36
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13	19	302	018	14	36
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13	19	302	018	16	36
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13	19	302	018	23	36
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13	19	302	018	28	36
13	19	302	018	29	36
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13	19	302	018	31	36
13	19	302	018	32	36
13	19	302	018	33	36
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DESCRIPTION OF PERMANENT REAL ESTATE INDEX NUMBER

13-19-302-018

Legend

- Platted Area Boundary Line
- Property Line
- Property Split Line
- Property Combined Line
- Township Boundary Line
- Traverse Line
- Dimension Extent Marks
- Dimension Start Marks

01-20F
 Previously part of 01-14
BRUCE TWP.
 E.1/2 S.W.1/4 SEC.20 T.5N. R.12E.

Source: Macomb County Department of Planning and Economic Development
 - 2009 Digital Orthophotography Project - Parcel Conversion Project

Note:
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MACOMB COUNTY
 Planning and Economic
 Development Department

Published: Oct 27, 2010

01-19H

01-20F

01-20F

01-29A



01-30C

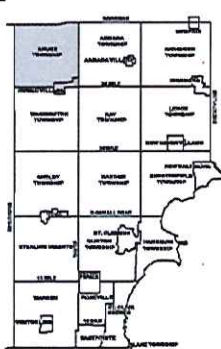
01-28E

Date of Photography: Spring 2010
 100 50 0 100 200 Feet

1:1,200



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BRUCE TOWNSHIP SHEET INDEX

RANGE		TOWNSHIP									
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22-21	22-22	22-23	22-24	22-25	22-26	22-27	22-28	22-29	22-30	22-31	22-32
23-21	23-22	23-23	23-24	23-25	23-26	23-27	23-28	23-29	23-30	23-31	23-32
24-21	24-22	24-23	24-24	24-25	24-26	24-27	24-28	24-29	24-30	24-31	24-32
25-21	25-22	25-23	25-24	25-25	25-26	25-27	25-28	25-29	25-30	25-31	25-32
26-21	26-22	26-23	26-24	26-25	26-26	26-27	26-28	26-29	26-30	26-31	26-32
27-21	27-22	27-23	27-24	27-25	27-26	27-27	27-28	27-29	27-30	27-31	27-32
28-21	28-22	28-23	28-24	28-25	28-26	28-27	28-28	28-29	28-30	28-31	28-32
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DESCRIPTION OF PERMANENT REAL ESTATE INDEX NUMBER

13-19-302-018

01-29A
 Formerly part of 21.0
 BRUCE TWP.
 W.1/2 N.W.1/4 SEC.29 T.5N. R.12E.

Source: Macomb County Department of Planning and Economic Development - 2008 Digital Orthophotography Project - Parcel Conversion Project

Note:
 Digital Orthophotography horizontal positioning accuracy is 3 feet. Parcel boundary lines should be considered a graphical representation and not in any way a legal survey or engineering document. In general, the horizontal positioning and length accuracy is within 15 feet.

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GIS MACOMB COUNTY
 Planning and Economic
 Development Department

Published: Oct 27, 2010

34-MILE RD



Date of Photography: Spring 2010
 100 50 0 100 200 Feet
 1:1,200



BRUCE TOWNSHIP SHEET INDEX

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13-19-302-066	13-19-302-067	13-19-302-068	13-19-302-069
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13-19-302-078	13-19-302-079	13-19-302-080	13-19-302-081
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13-19-302-086	13-19-302-087	13-19-302-088	13-19-302-089
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13-19-302-094	13-19-302-095	13-19-302-096	13-19-302-097
13-19-302-098	13-19-302-099	13-19-302-100	13-19-302-101
13-19-302-102	13-19-302-103	13-19-302-104	13-19-302-105
13-19-302-106	13-19-302-107	13-19-302-108	13-19-302-109
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13-19-302-114	13-19-302-115	13-19-302-116	13-19-302-117
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13-19-302-142	13-19-302-143	13-19-302-144	13-19-302-145
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13-19-302-150	13-19-302-151	13-19-302-152	13-19-302-153
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13-19-302-166	13-19-302-167	13-19-302-168	13-19-302-169
13-19-302-170	13-19-302-171	13-19-302-172	13-19-302-173
13-19-302-174	13-19-302-175	13-19-302-176	13-19-302-177
13-19-302-178	13-19-302-179	13-19-302-180	13-19-302-181
13-19-302-182	13-19-302-183	13-19-302-184	13-19-302-185
13-19-302-186	13-19-302-187	13-19-302-188	13-19-302-189
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DESCRIPTION OF PERMANENT REAL ESTATE INDEX NUMBER

13-19-302-018

APR NUMBER: 13-19-302-018
 13-19-302-018
 13-19-302-018
 13-19-302-018

Legend

- Platted Area Boundary Line
- Property Line
- Property Split Line
- Property Combined Line
- Township Boundary Line
- Traverse Line
- Dimension Extent Marks
- Dimension Start Marks

01-30C
 Previously part of 01-14
 BRUCE TWP.
 W.1/2 N.E.1/4 SEC.30 T.5N. R.12E.

Source: Macomb County Department of Planning and Economic Development
 - 2008 Digital Orthophotography Project
 - Parcel Conversion Project

Note:
 Digital Orthophotography horizontal positioning accuracy is 3 feet. Parcel boundary lines should be considered a graphical representation and not in any way a legal survey or engineering document. In general, the horizontal positioning and length accuracy is within 15 feet.

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GIS MACOMB COUNTY
 Planning and Economic
 Development Department

C-09



01-30C

01-20F

200

ALY RD

Date of Photography: Spring 2010
 100 50 0 100 200 Feet
 1:1,200

BRUCE TOWNSHIP SHEET INDEX

ROW NUMBER		COLUMN NUMBER																				
1	19101	19102	19103	19104	19105	19106	19107	19108	19109	19110	19111	19112	19113	19114	19115	19116	19117	19118	19119	19120	19121	19122
2	19201	19202	19203	19204	19205	19206	19207	19208	19209	19210	19211	19212	19213	19214	19215	19216	19217	19218	19219	19220	19221	19222
3	19301	19302	19303	19304	19305	19306	19307	19308	19309	19310	19311	19312	19313	19314	19315	19316	19317	19318	19319	19320	19321	19322
4	19401	19402	19403	19404	19405	19406	19407	19408	19409	19410	19411	19412	19413	19414	19415	19416	19417	19418	19419	19420	19421	19422
5	19501	19502	19503	19504	19505	19506	19507	19508	19509	19510	19511	19512	19513	19514	19515	19516	19517	19518	19519	19520	19521	19522
6	19601	19602	19603	19604	19605	19606	19607	19608	19609	19610	19611	19612	19613	19614	19615	19616	19617	19618	19619	19620	19621	19622
7	19701	19702	19703	19704	19705	19706	19707	19708	19709	19710	19711	19712	19713	19714	19715	19716	19717	19718	19719	19720	19721	19722
8	19801	19802	19803	19804	19805	19806	19807	19808	19809	19810	19811	19812	19813	19814	19815	19816	19817	19818	19819	19820	19821	19822
9	19901	19902	19903	19904	19905	19906	19907	19908	19909	19910	19911	19912	19913	19914	19915	19916	19917	19918	19919	19920	19921	19922
10	20001	20002	20003	20004	20005	20006	20007	20008	20009	20010	20011	20012	20013	20014	20015	20016	20017	20018	20019	20020	20021	20022

DESCRIPTION OF PERMANENT REAL ESTATE INDEX NUMBER
13-19-302-018
15 **01-30D**
 BRUCE TWP.
 E.1/2 N.E.1/4 SEC.30 T.5N. R.12E.

Legend

- Platted Area Boundary Line
- Property Line
- Property Split Line
- Property Combined Line
- Township Boundary Line
- Traverse Line
- Dimension Extent Marks
- Dimension Start Marks

Source: Macomb County Department of Planning and Economic Development
 - 2009 Digital Orthophotography Project - Parcel Conversion Project

Note:
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MACOMB COUNTY
 Planning and Economic
 Development Department

Published: Oct 27, 2010

Town 5 North Range 12 East.

80.00 Set first cor § 29, 30, 31, 32
 W.O. 18 $\text{S } 2\frac{1}{2}$ W 46
 Do. 11 N 82 W 60
 Tolerable W.O. Land

East On R.L. Betw § 29 + 32
 16.00 Left Prairie
 38.54 Creek 25 lks S.E.
 40.00 Set ten $\frac{1}{2}$ m. post
 60.00 Ent'd swp.
 68.00 Left Do.
 81.80 Ent'd N + S line 34 lks N
 Hilly poor Oak Land

West Betw § 29 + 32
 40.90 moved ten $\frac{1}{2}$ m. fr. to an d.
 forked Elm 32 in Do. N 17 W 34
 Spruce 8 $\text{S } 62$ E 20

West Betw § 30 + 31
 0.50 Left Prairie
 40.00 Set $\frac{1}{2}$ m. post
 W.O. 20 $\text{S } 43$ E 31
 B.O. 18 N 50 W 78
 79.12 Creek 30 lks S.E.
 80.60 Ent'd R.L. 60 lks North where set post
 Aspen 4 $\text{S } 29$ E 14
 Do N 30 E 3
 Poor hilly Land Oak + Pine

North Betw § 29 + 30
 3.15 Run 8 lks E
 15.00 Left Prairie
 40.00 Set $\frac{1}{2}$ m. post
 W.O. 28 $\text{S } 89\frac{1}{2}$ W 82

Town 5 North Range 12 East.

<p>51.14 80.00</p>	<p>Do. 20 N 47 E 78 W.C. 14 in Dr. Set front cor. S. 19, 20, 29, 30 W.C. 18 S. 80 W 3 B.C. 24 S 74 E 23 Poor Billy Oak Land</p>
<p>40.00 44.14 80.50</p>	<p>East On R.L. betw S. 20 + 29 Set ten 1/2 m. front Creek E 2 South Entd N + S. line at front Poor Billy Oak Land</p>
<p>40.25 79.00</p>	<p>West marked betw S. 20 + 29 1/4 S. cor. a W.C. 18 in Diameter W.C. 16 in Dr.</p>
<p>40.00 80.08</p>	<p>West Between S. 19 + 30 Set 1/2 mile front B.C. 10 S 13 E 132 Do. 5 N 86 W 70 Entd R.L. 17 S where set front W.C. 16 S 1/2 E 282 Do. 12 N 66 1/2 E Poor stony burnt tim. Land</p>
<p>40.00 80.00</p>	<p>North Betw S. 19 + 20 Set 1/2 m. front W.C. 8 N 110 W 4 B.C. 12 N 26 E 75 Set front cor. S. 17, 18, 19, 20 W.C. 28 N 14 1/2 E 3, 13 Do. 24 N 12 W 3, 04 Very Poor Billy Oak Land</p>

LAND CORNER RECORDATION CERTIFICATE

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

BRUCE TOWNSHIP, MACOMB COUNTY

A565648

FOR CORNERS OF--:	LOCATED IN--:	CORNER CODE NUMBER
1. PUBLIC LAND SURVEY <u>30</u>	T. <u>5</u> N. <u>12</u> E. <u>X</u>	C-9 N.E. Corner
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: 9:28 a.m.
MAR - 5 1979

Edna Hill
CLERK - REGISTER OF DEEDS
MACOMB COUNTY, MICHIGAN

REGISTER OF DEEDS STAMP AND FILING NUMBER

I, Donald R. Verba, 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 Dec 10, 1976, 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:

No evidence of original monument available.

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

Found 1" Iron Pipe 6' North of 34 Mile Road (26' gravel). Corner fils fence line running to the South.

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

Found P.K. Nail in N.E. side of 12" Cherry	Az. 109°	98.08'
Found P.K. Nail in East side of D.E. Power Pole	Az. 183°	50.73'
Centerline 3" Metal Fence Post	Az. 341°	36.60'

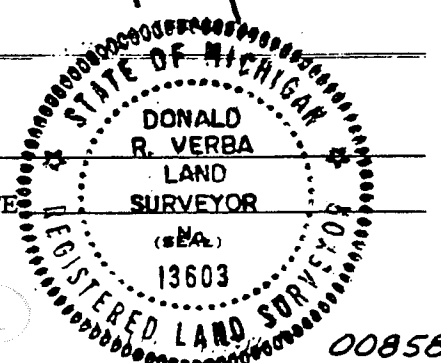
SIGNED BY Donald R. Verba DATE 02.27.79
SURVEYOR'S MICHIGAN REGISTRATION NO. 13603

FOR STATE AND UNITED STATES AGENCIES:

SIGNED BY _____ DATE _____
CHIEF OF SURVEY PARTY

APPROVED AND SIGNED BY _____ DATE _____
MICHIGAN REGISTERED LAND SURVEYOR

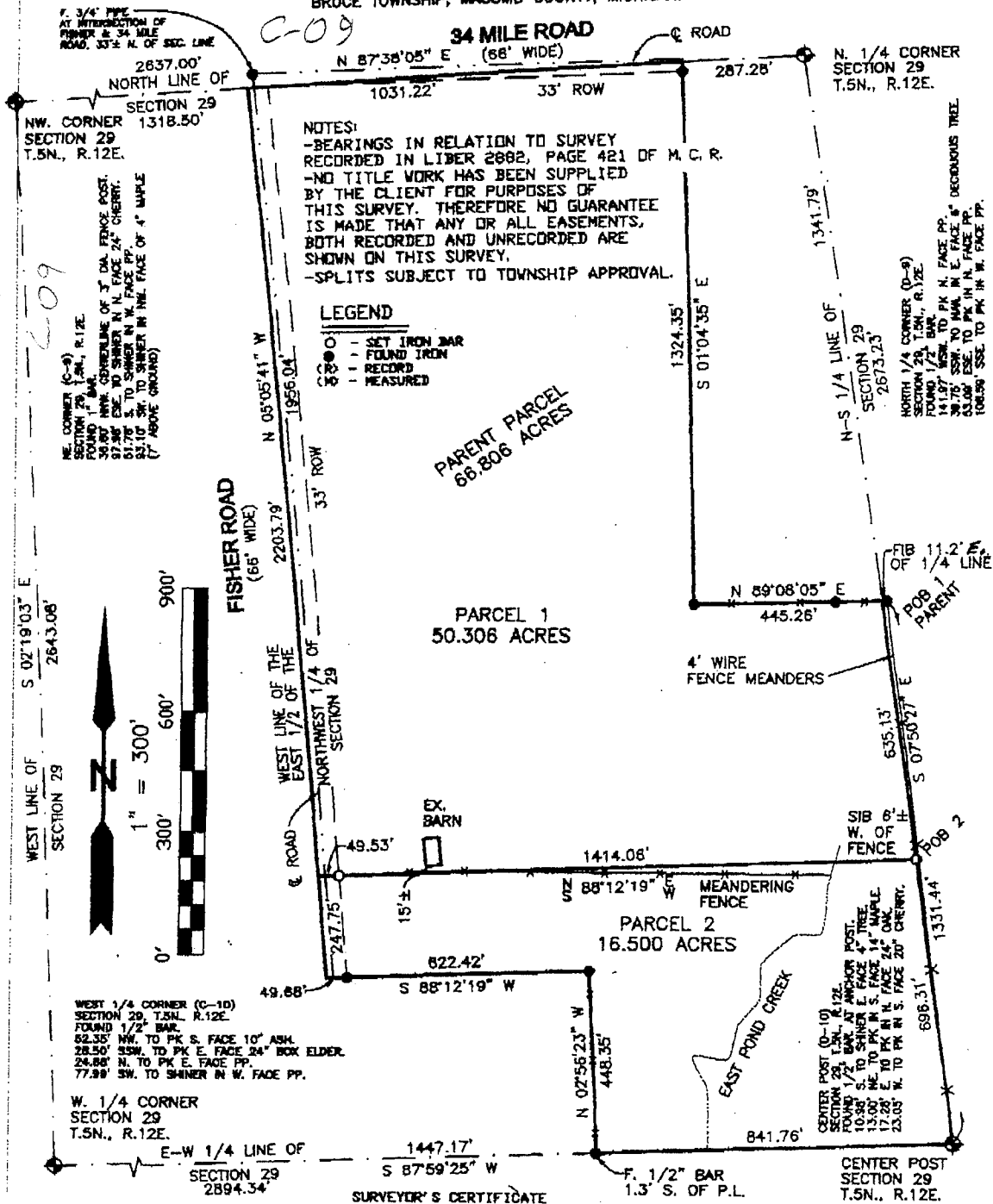
SURVEYOR'S MICHIGAN REGISTRATION NO. _____



(30)

CERTIFICATE OF SURVEY

PART OF THE NORTHWEST 1/4 OF SECTION 29, TOWN 5 NORTH, RANGE 12 EAST,
BRUCE TOWNSHIP, MACOMB COUNTY, MICHIGAN.



7. 3/4" PIPE AT INTERSECTION OF FISHER & 34 MILE ROAD, 33'± N. OF SEC. LINE

N. 1/4 CORNER SECTION 29 T.5N., R.12E.

209

C-09

NE CORNER (C-9) SECTION 29 T.5N., R.12E. FOUND 1/2" BAR. 36.80' W. TO SHINER IN N. FACE 24" CHERRY. 57.86' E. TO SHINER IN W. FACE 24" CHERRY. 51.76' S. TO SHINER IN W. FACE 24" CHERRY. 52.10' SW. TO SHINER IN W. FACE OF 4" MAPLE (7' ABOVE GROUND)

NOTES:
 -BEARINGS IN RELATION TO SURVEY RECORDED IN LIBER 2882, PAGE 421 OF M. C. R.
 -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.
 -SPLITS SUBJECT TO TOWNSHIP APPROVAL.

LEGEND

- (Circled O) - SET IRON BAR
- (Circled I) - FOUND IRON
- (Circled M) - RECORD MEASURED

NORTH 1/4 CORNER (C-9) SECTION 29 T.5N., R.12E. FOUND 1/2" BAR. 14.13' W. TO PK N. FACE 24" CHERRY. 38.76' SW. TO PK N. FACE 24" CHERRY. 53.06' ESE. TO PK IN N. FACE 24" CHERRY. 106.99' SSE. TO PK IN W. FACE 24" CHERRY.

WEST 1/4 CORNER (C-10) SECTION 29 T.5N., R.12E. FOUND 1/2" BAR. 62.35' NW. TO PK S. FACE 10" ASP. 28.50' SSW. TO PK E. FACE 24" BOK ELDER. 24.88' N. TO PK E. FACE 24" CHERRY. 77.88' SW. TO SHINER IN W. FACE 24" CHERRY.

W. 1/4 CORNER SECTION 29 T.5N., R.12E.

CENTER POST (C-10) SECTION 29 T.5N., R.12E. FOUND 1/2" BAR AT ANCHOR POST. 10.36' S. TO SHINER E. FACE 4" TREE. 13.00' NE. TO PK IN S. FACE 24" MAPLE. 17.28' E. TO PK IN N. FACE 24" OAK. 23.05' N. TO PK IN S. FACE 20" CHERRY.

I hereby certify that I have surveyed and mapped the land above plotted and/or described on February 26, 2003 and that the ratio of closure on the unadjusted field observations of such survey was 1/ 331,253 or less and complies with P.A. 132 of 1970 as amended.

R.A. DUTHLER LAND SURVEYOR LLC

PH. (586) 752-6423
 FAX (586) 336-4885
 76939 VAN DYKE
 ROMEO, MI 48065

PREPARED FOR: MARK PETIT

February 26, 2003
 JOB# 090223LS

(Signature)
 RICHARD A. DUTHLER
 PROFESSIONAL LAND SURVEYOR
 No. 47200



CERTIFICATE OF SURVEY

LEGAL DESCRIPTION: (PARENT PARCEL)

Part of the East 1/2 of the Northwest 1/4 of Section 29, Town 5 North, Range 12 East, Bruce Township, Macomb County, Michigan, described as: Commencing at the North 1/4 Corner of said Section 29; thence S.07°50'27"E., 1341.79 feet along the North-South 1/4 line of said Section 29 to the Point of Beginning; thence continuing along said line, S.07°50'27"E., 1331.44 feet to the center of said Section 29; thence S.87°59'25"W., 841.76 feet along the East-West 1/4 line of said Section 29; thence N.02°56'23"W., 448.35 feet; thence S.88°12'19"W., 622.42 feet to a point on the West line of the East 1/2 of the Northwest 1/4 of said Section 29; thence along said line, N.05°05'41"W., 2203.79 feet to a point on the North line of said Section 29; thence along said North line, N.87°38'05"E., 1031.22 feet; thence S.01°04'35"E., 1324.35 feet; thence N.89°08'05"E., 445.26 feet to the Point of Beginning and containing 66.806 acres.

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

LEGAL DESCRIPTION: (PARCEL 1)

Part of the East 1/2 of the Northwest 1/4 of Section 29, Town 5 North, Range 12 East, Bruce Township, Macomb County, Michigan, described as: Commencing at the North 1/4 Corner of said Section 29; thence S.07°50'27"E., 1341.79 feet along the North-South 1/4 line of said Section 29 to the Point of Beginning; thence continuing along said line, S.07°50'27"E., 635.13 feet; thence S.88°12'19"W., 1414.06 feet to a point on the West line of the East 1/2 of the Northwest 1/4 of said Section 29; thence along said line, N.05°05'41"W., 1956.04 feet to a point on the North line of said Section 29; thence along said North line, N.87°38'05"E., 1031.22 feet; thence S.01°04'35"E., 1324.35 feet; thence N.89°08'05"E., 445.26 feet to the Point of Beginning and containing 50.306 acres.

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

LEGAL DESCRIPTION: (PARCEL 2)

Part of the East 1/2 of the Northwest 1/4 of Section 29, Town 5 North, Range 12 East, Bruce Township, Macomb County, Michigan, described as: Commencing at the North 1/4 Corner of said Section 29; thence S.07°50'27"E., 1976.92 feet along the North-South 1/4 line of said Section 29 to the Point of Beginning; thence continuing along said line, S.07°50'27"E., 696.31 feet to the center of said Section 29; thence S.87°59'25"W., 841.76 feet along the East-West 1/4 line of said Section 29; thence N.02°56'23"W., 448.35 feet; thence S.88°12'19"W., 622.42 feet to a point on the West line of the East 1/2 of the Northwest 1/4 of said Section 29; thence along said line, N.05°05'41"W., 247.75 feet; thence N.88°12'19"E., 1414.06 feet to the Point of Beginning and containing 16.500 acres.

Subject to the rights of the public for highway purposes along Fisher Road and subject to all other easements of record.

R.A. DUTHLER LAND SURVEYOR LLC

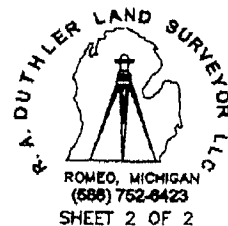
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SHEET 2 OF 2