

1997
MACOMB COUNTY REMONUMENTATION
PROGRAM FOR ARMADA TOWNSHIP

Research Dossier for A-12

Prepared by:
Kennedy Surveying, Inc.
105 N. Washington St.
Oxford, Michigan 48371





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

For corners in

<u>Macomb</u> (County)	Located In: <u>Armada Township</u>	Corner Code # <u>A-12</u>
1. Public Land Survey	T <u>5N</u> R <u>13E</u>	<u>A-12</u>
	T <u> </u> R <u> </u>	<u> </u>
	T <u> </u> R <u> </u>	<u> </u>
	T <u> </u> R <u> </u>	<u> </u>
2. Property Controlling in Section	S <u> </u> T <u> </u> R <u> </u>	<u> </u>
	S <u> </u> T <u> </u> R <u> </u>	<u> </u>
3. Miscellaneous Property in Sec.	S <u> </u> T <u> </u> R <u> </u>	<u> </u>
	S <u> </u> T <u> </u> R <u> </u>	<u> </u>

ACCEPTED BY THE MACOMB COUNTY SURVEY PEER GROUP AS THE OFFICIAL CORNER UNDER MICHIGAN PUBLIC ACT 345 OF 1890 AT A MEETING HELD ON 8/3/97
William E. Soederberg
 WILLIAM E. SOEDERBERG, P.S., CHAIRMAN

Register of Deeds Stamp & File Number

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

I, Huston K. Kennedy, in a field survey on 6/17, 19 97 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-GLO Wampler, D.S.; Post not set, no witnesses
 1.) 1987-Dunn, PS #28408; LCRC L.4335, Pg.658 - Fnd 1/2" Iron Rod w/cap
 2.) 1992-Avey, PS #30076; LCRC L.5700, Pg.480 - Fnd Capped 1/2" Bar in a Monument Box
 3.) 1979-Kobs, PS #14097; Survey L.3162, Pg.632 - Fnd 1/2" Pipe
 4.) 1992-Urban Land Consultants; Unrecorded Survey - Fnd 1/2" Bar in a Monument Box, used same wit as 1992 LCRC
 5.) 1996-Kennedy, PS #17623; Unrecorded Survey - Fnd 1/2" Iron Rod in a Monument Box

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 CARMELLA SABAUGH-MACOMB COUNTY, MI REG/DEEDS

- B. Description of corner evidence found and/or method applied in restoring or reestablishing corner:
 1997 Kennedy Surveying, Inc. - Kennedy, PS #17623 - Fnd 1/2" Iron Pipe in a Monument Box that is located in the existing centerline of Powell Road extending to the North & South, which has a concrete surface. There is a power pole extending to the East. There is no line of occupation to the West. This corner has been accepted and used as common corner with the East 1/4 corner of Section 36, T5N, R12E, Bruce Township (A-12).

Witnesses from LCRC #1, 2 & Survey #3 were used to recover and verify the location of the found 1/2" Iron Pipe in a Monument Box.

See back side of LCRC for Field Measurements

- C. Description of monument for corner and accessories established to perpetuate locating the position of the corner:
 A-12 I replaced the found 1/2" Iron Pipe with a 3/4" x 24" Iron Rod w/2" diameter aluminum cap stamped "Macomb County Monument HI Act 345" #17623 in a existing Monument Box
 N23°W 107.67' Set PK & Remon Washer NE face Power Pole
 N36°E 95.40' Set PK & Remon Washer NW face 10" Hickory
 S54°W 68.50' Set PK & Remon Washer SE face 12" Poplar
 S88°E 57.61' Set PK & Remon Washer South face Power Pole

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

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

Date 8-8-97



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CARMELLA SABAUGH-MACOMB COUNTY, MI REG/DEEDS

FIELD MEASUREMENTS BETWEEN

A-12 to A-11

No GLO
GROUND-MEA = 2681.91 Ft.
GRID-MEA = 2681.69 Ft. or GROUND CAL. = 2681.93 Ft.

A-12 to A-13

No GLO
M.C.P.C. Map (2-31E) = 2659.07 Ft.
Survey, L.3162, Pg.632 dated 7/79 = 2659.07 Ft.
Survey Unrecorded, dated 7/92 = 2659.36 Ft.
Survey Unrecorded, dated 7/96 = 2659.43 Ft.
GROUND-MEA = 2659.50 Ft.
GRID-MEA = 2659.12 Ft. or GROUND CAL. = 2659.36 Ft.

GLO NOTES

Researching the government survey records for Macomb County shows that the post was not set at the West 1/4 corner of Section 31.

WITNESSES: (Based upon Government Survey Records)

No Witnesses

EXISTING CONDITIONS

The corner that has been accepted, used and has been perpetuated with 1/2" Iron Pipe in a Monument Box that is located in the existing centerline of Powell Road extending to the North & South, which has a concrete surface. There is a power pole extending to the East. There is no line of occupation to the West. This corner has been accepted and used as common corner with the East 1/4 corner of Section 36, T5N, R12E, Bruce Township (A-12).

LCRC AND RECORDED SURVEYS

Researching the Macomb County Land Corner Recordation Certificates (LCRC) shows that Steven E. Dunn, PS #28408 recorded the first LCRC on December 8, 1987 and found 1/2" Iron Rod w/cap.

WITNESSES: (Based upon LCRC recorded in Liber 4335, Page 658 of Macomb County Records)

- *Set P.K. Nail West side of 12" Oak - NNE - 80.11 Ft.
- Set P.K. Nail South side of 14" Oak - ENE - 27.47 Ft. (gone)
- Fnd P.K. Nail West side 12" Triple Maple - SE - 42.94 Ft. (gone)

A second LCRC shows that Warren C. Avey, PS #30076 recorded it on December 30, 1992 and found capped 1/2" bar in a monument box.

WITNESSES: (Based upon LCRC recorded in Liber 5700, Page 480 of Macomb County Records)

- 55.67 Ft. East P.K. Nail South side 27" Oak (gone)
- *93.44 Ft. S.W. P.K. Nail S.E. face 10" Poplar
- *48.10 Ft. E.SE P.K. Nail North face 8" Pine
- *95.44 Ft. N.E. P.K. Nail N.W. face 10" Hickory

Other research shows that Herbert J. Kobs, PS #14097 recorded a Certificate of Survey on October 2, 1979 in Liber 3162, Page 632 of Macomb County Records. He found a 1/2" Pipe.

WITNESSES:

- *P.K. & Washer 14" Oak N.E. 44.37 Ft.
- Nail & Washer 9" Oak E.N.E. 27.60 Ft. (gone)
- P.K. & Washer 10" Thornapple S.E. 42.88 Ft. (gone)

UNRECORDED SURVEYS AND WITNESSES

Urban Land Consultants did a Certificate of Survey on July 17, 1992 and found 1/2" Bar in a Monument Box, and used the same witnesses as those listed above on the second LCRC.

Huston K. Kennedy, PS #17623 did a Certificate of Survey on July 19, 1996 and found 1/2" Iron Rod in a Monument Box

WITNESSES:

- *S32°W 93.50 Ft. PK/W SE face 12" Poplar
- *S87°E 57.60 Ft. PK/W South face Power Pole
- *N28°E 95.48 Ft. PK/W NW face 12" Hickory
- *N27°W 107.68 Ft. PK/W NE face Power Pole

FIELD MEASUREMENTS BETWEEN

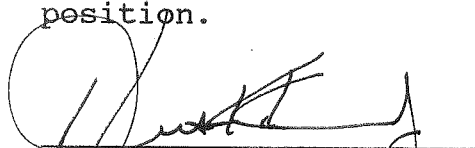
A-12 to A-11

No GLO
GROUND-MEA = 2681.91 Ft.
GRID-MEA = 2681.69 Ft.

A-12 to A-13

No GLO
M.C.P.C. Map (2-31E) = 2659.07 Ft.
Survey, L.3162, Pg.632 dated 7/79 = 2659.07 Ft.
Survey Unrecorded, dated 7/92 = 2659.36 Ft.
Survey Unrecorded, dated 7/96 = 2659.43 Ft.
GROUND-MEA = 2659.50 Ft.
GRID-MEA = 2659.12 Ft.

The witnesses for the above mentioned Land Corner Recordation Certificate, Certificate of Survey and unrecorded Certificate of Survey were used to verify the location of the found 1/2" Iron Pipe in a Monument Box as of June 17, 1997. I therefore, recommend to the Macomb County Peer Group that they accept the 1/2" Iron Pipe in a Monument Box as found as the best evidence of the original corner position.

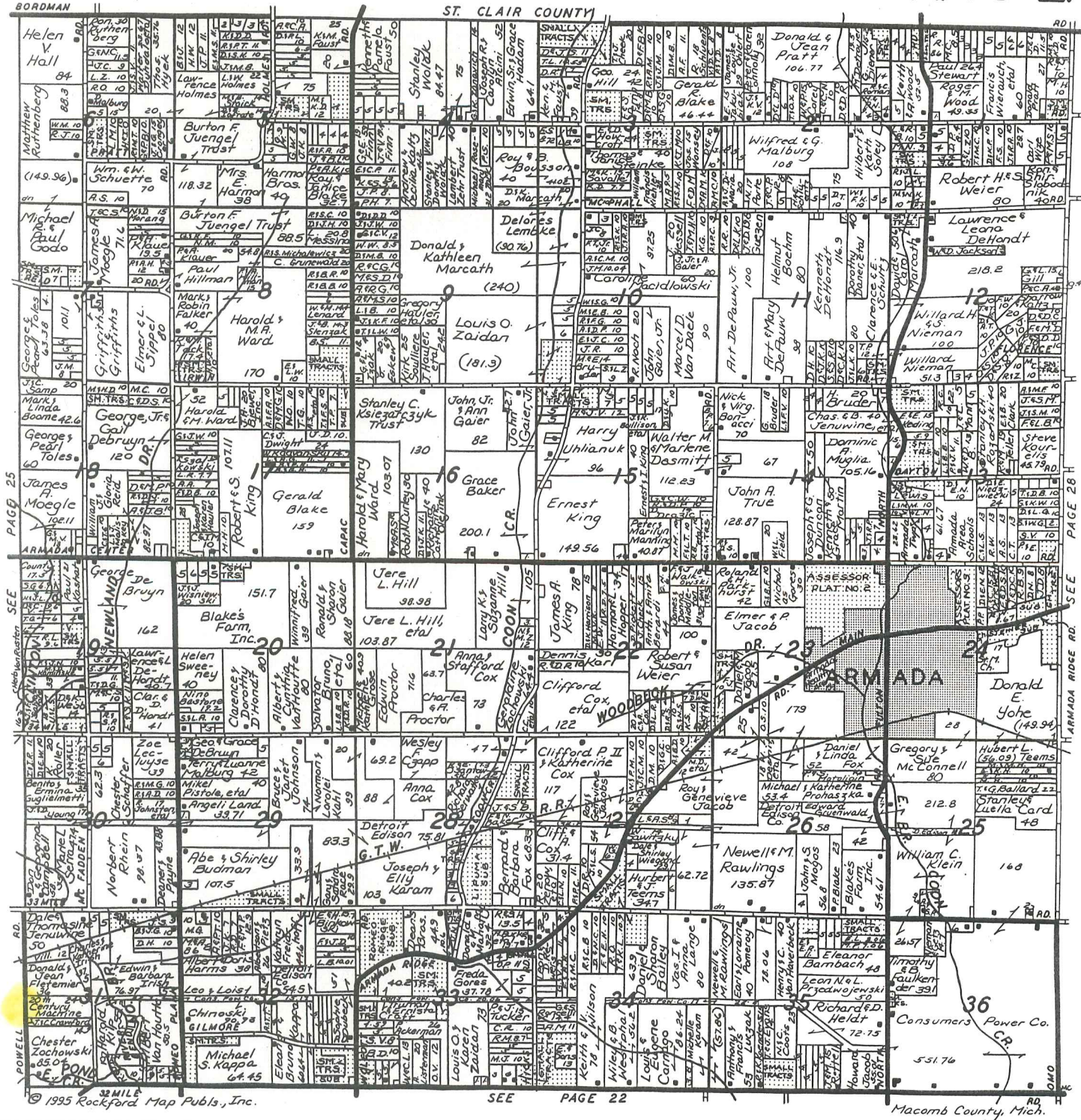


Huston K. Kennedy, PS
Kennedy Surveying, Inc.

*Used to verify the location of the found corner (A-12)

Sources of Information For Macomb County 1997 Remonumentation Program FOR ARMADA TOWNSHIP

1. GLO Notes, Included
2. Act 74 Recorded LCRC, Included
3. Act 132 Recorded Surveys, Included
4. Personal History and Records, Included
5. Letters to the Following Requesting Unrecorded
LCRCs and Surveys
 - a.) Anderson,Eckstein &Westrick
 - b.) DetroitEdison
 - c.) King & Associates
 - d.) AES Engineers & Surveyors, Inc.
 - e.) Metco Land Sea Corp.
 - f.) RaymondDonnelly & Associates
 - g.) Metco-Dunn, Inc.
 - h.) Road Commission for Macomb County
 - i.) Macomb County Public Works
 - j.) George Jerome & Company
 - k.) Kem-Tec Surveying
 - l.) Mickalich & Associates
 - m.) Lehner Associates, Inc.
 - n.) Spalding,DeDecker & Associates
 - o.) M.C.S. Associates, Inc.
 - p.) Urban Land Consultants , received information
 - q.) Fenn & Associates Surveying, Inc., received information



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

for corners in

<u>Macomb</u> (County)	Located In:	Corner Code #
1. Public Land Survey	T ___ R ___	_____
	T ___ R ___	_____
	T ___ R ___	_____
	T ___ R ___	_____
2. Property Controlling in Section	S <u>31</u> T <u>5N</u> R <u>13E</u>	<u>A-12</u>
	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 _____

Steven E. Dunn in a field survey on July 20, 19 87,
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	B	C	D	E	F	G	H	I	J	K	L	M
2	6	5	4	3	2							
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												

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

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

A-12
Fd. 1/2" 1. Rod W/Cap

RECORDED IN MACOMB COUNTY
RECORDS AT: 11:00A M.

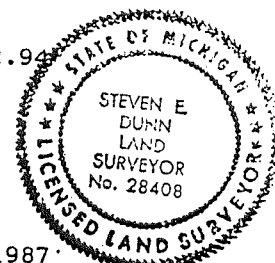
DEC-8 1987

Edna Hill

CLERK - REGISTER OF DEEDS
MACOMB COUNTY, MICHIGAN

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

A-12
Fd. 1/2" 1. Rod W/Cap
Set pk nail In West Side of 12" Oak - NNE - 80.11'
Set pk nail In South Side of 14" Oak - ENE - 27.47'
Fd. pk nail In West Side of 12" Triple Maple - SE - 42.94'



Signed by Steven E. Dunn Date August 7, 1987
Surveyor's Michigan License No. 28408

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

H817321

For corners in
Macomb
(County)

Located In: Sec. 31 Corner Code #/ #
Armada Twp.

RECORDED IN MACOMB COUNTY
RECORDS AT: 8:35A. M.

DEC 30 1992

Sidna Hill

CLERK - REGISTER OF DEEDS
MACOMB COUNTY, MICHIGAN

Register of Deeds Stamp & File Number

1. Public Land Survey	T	5N.	R	13E.	A-12	
	T	5N.	R	13E.	B-12	
	T	5N.	R	13E.	A-13	
	T	5N.	R	13E.	B-13	
2. Property Controlling in Section	S	_____	T	_____	R	_____
3. Miscellaneous Property in Sec.	S	_____	T	_____	R	_____

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

I, Warren C. Avey, in a field survey on July 10, 19 92, 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	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	3												

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:

- A-12 Found Capped 1/2" Bar in Mon. Box
- B-12 Found Tee Iron
- A-13 Found 1/2" Bar in Mon. Box
- B-13 Found 3/4" Pipe

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

- | | |
|---|---|
| A-12 55.67' E. to P.K. nail, S. side 27" Oak | A-13 42.80' S.W. to P.K. nail top Guard Post |
| 93.44' S.W. to P.K. nail, S.E. face 10" Poplar | 46.84' S.E. to P.K. nail top Guard Post |
| 48.10' E.SE to P.K. nail, N. face 8" Pine | 49.05' E. to P.K. nail S. face 7" Elm |
| 95.44' N.E. to P.K. nail, N.W. face 10" Hick. | 31.18' S.W. to P.K. nail top Guard Post |
| B-12 84.10' N.W. to P.K. nail in vert. branch 12" Oak | B-13 8.49' N. to P.K. nail in 10" Wild Cherry |
| 22.65' S.E. to P.K. nail in 6" Elm | 3.93' S. to P.K. nail in Fence Post |
| 52.85' S.W. to P.K. nail in 36" Oak | 9.23' N.W. to P.K. nail in S.W. face 8" Maple |
| 73.02' N.E. to P.K. nail in 24" Maple | 22.05' E. to 1/2" Pipe |

Signed by Warren C. Avey
Surveyor's Michigan License No. 30076



July 20, 1992

01747

REF 920701-3688

Property Description

Part of the S.W. 1/4 of Section 31, T.5N., R.13E., Armada Township, Macomb County, Michigan is described as:

Beginning at the West 1/4 Corner of Section 31; thence N.89°41'35"E., 1905.18 feet along the E.-W. 1/4 line of Section 31; thence S.16°11'25"E., measured (S.16°06'37"E., record), 220.68 feet; thence S.22°05'06"E., 153.41 feet measured, (S.22°27'22"E., 151.00 feet record); thence S.00°59'35"E., 199.01 feet along the N.-S. 1/4 line of Section 31; thence S.89°59'39"W., 2027.81 feet measured (2027.00 feet record); thence Due North, 543.06 feet measured (543.00 record) along the West line of Section 31 and the centerline of Powell Road to the Point of Beginning and containing 24.967 acres.

Subject to the rights of the public for highway purposes along Powell Road and subject to all other easements of record, if any.



PHONE 313 731-9030
FAX 313 731-2805

**URBAN
LAND
CONSULTANTS**

CIVIL ENGINEERS • PLANNERS • LAND SURVEYORS
8800 23 MILE ROAD SHELBY TWP., MI 48316-4516

LEGEND

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

Warren C. Avey
Licensed Land Surveyor
No. 30076

Date 7/17/92
Drawn H.G.A.
Check
Sheet 2 of 2
Fid. Bk. -
Job No.
920701-3688

KENNEDY SURVEYING, INC.

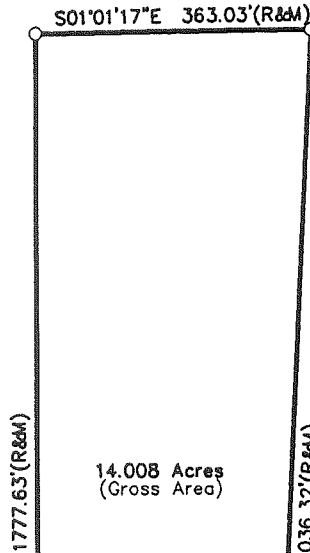
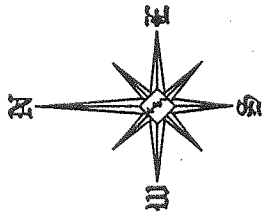
105 N. Washington St.
Oxford, Michigan 48371

Phone (810) 628-4241
Fax (810) 628-7191

Certificate of a Survey

Certified Exclusively To: James L. & Carole A. Crawford Date: 7/19/96
Address: 6255 Montgomery, Shelby Township, Michigan 48316 Job No. 96-4143A Page 1 of 2

This is to certify that I, _____, Licensed Professional Surveyor, on this date have surveyed and mapped the land below platted, and that the ratio of closure on the unadjusted field observations are 1 in 27,600, and that all of the requirements of P.A. 132 of 1970, have been complied with and are described as follows:

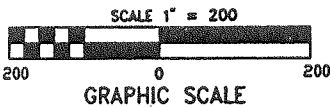


14.008 Acres
(Gross Area)

WITNESSES:

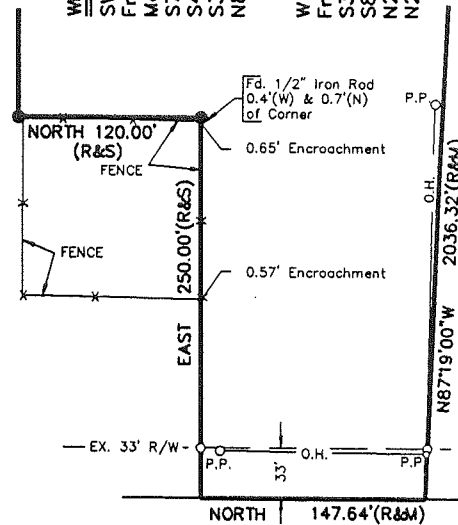
SW Corner of Sec. 31, T5N, R13E, Armada Twp.
Fnd 3/4" Iron Rod w/2" Dia. Aluminum cap stamped "Macomb County Monument MI Act 345 #17623" in a Monument Box
S70°W 31.10' Fd PK & Remon. Washer top of Guard Rail Post
S40E 46.72" Fd PK & Remon. Washer top of Guard Rail Post
S30E 70.63" Fd PK & Remon. Washer NE face Power Pole
N87E 38.85" Fd PK & Remon. Washer South face 36" Maple

W 1/4 Corner of Sec. 31, T5N, R13E, Armada Twp.
Fnd 1/2" Iron Rod, in a Monument Box
S32°W 93.50 Fd PK & Washer SE face 12" Poplar
S87E 57.60 Fd PK & Washer South face Power Pole
N28E 95.48 Fd PK & Washer NW face 12" Hickory
N27°W 107.68 Fd PK & Washer NE face Power Pole

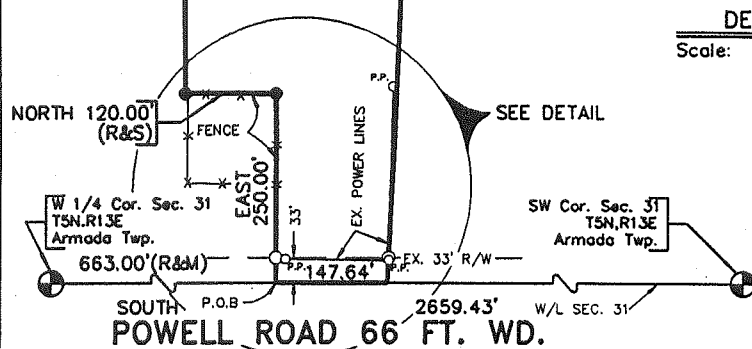


O.H. = OVERHEAD POWER LINE
P.P. = POWER POLE

LEGEND	
○	Found 1/2" Iron Rod Unless Otherwise Noted
●	Set 1/2" Iron Rod W/Cap
⊙	Found Concrete Monument
M	Measured Distance
R	Recorded Distance
S	Set Distance
P.O.B.	Point of Beginning
→	Ex. Fence Line
DWG No. 964143A1	
Drawn By: DKS	



DETAIL
Scale: 1" = 100'



POWELL ROAD 66 FT. WD.