

**1997**  
**MACOMB COUNTY REMONUMENTATION**  
**PROGRAM FOR ARMADA TOWNSHIP**

Research Dossier for A-11

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: Armada Township	Corner Code # A-11
1. Public Land Survey	T <u>5N</u> R <u>13E</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 _____	_____

Register of Deeds Stamp & File Number

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

I, Huston K. Kennedy, in a field survey on 6/18, 1997 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.; Set Post
- 1.) 1995-King, PS #30085; LCRC L.6586, Pg.180 - Fnd 1/2" Iron
- 2.) 1992-King, PS #30085; Survey L5969, Pg.128 - Fnd 1/2" Iron, used same wit as 1995 LCRC
- 3.) 1977-Dely, PS #5234; Unrecorded Survey - Fnd Iron Pipe
- 4.) 1989-Dunn, PS #28408; Unrecorded Survey - Set a 1/2" Iron Rod with cap #28408
- 5.) 1989-Dunn, PS #28408; Unrecorded Survey - Set a 1/2" Iron Rod with cap #28408, used same wit as Survey #4

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 Rod 5" below the gravel surface and in the existing centerline of Powell Road extending to the South, which has a concrete surface and in the existing centerline of 33 Mile Road extending to the East, which has a gravel surface. A tree-fence row extending to the North. This corner position was not accepted. The corner was recovered on a straight line between M-11 and M-12 at a distance of 66.01 feet South of M-11 based upon a unrecorded survey by G. Dely, PS #5234 in 1977 and is 44.9 feet North of the end of the concrete pavement for Powell Road. Corner common to Sections 35 & 36, T5N, R12E, Bruce Township (M-11) is located 66.01 feet to the North.

The unrecorded Survey #3 was used to recover this corner.

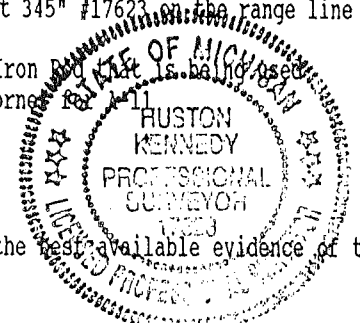
See back side of LCRC for Field Measurements

ACCEPTED BY THE MACOMB COUNTY SURVEY PEER GROUP AS THE OFFICIAL CORNER UNDER MICHIGAN PUBLIC ACT 345 OF 1990 AT A MEETING HELD ON 9-23-97

William E. Soderberg  
 WILLIAM E. SODERBERG, P.S., CHAIRMAN

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

A-11 I set a 3/4" x 24" Iron Rod w/2" diameter aluminum cap stamped "Macomb County Monument MI Act 345" #17623 on the range line in a New Monument Box  
 S59°E 59.25' Set PK & Remon Washer SW face Power Pole  
 S75°W 57.81' Set PK & Remon Washer NW face Power Pole  
 N52°W 115.89' Set PK & Remon Washer SW face 16" Elm  
 Due North 93.51' Set PK & Remon Washer East face 19" Elm  
 North 66.01 feet, corner common to Sections 35 & 36, T5N, R12E, Bruce Township, (M-11)  
 North 4.27 feet found 1/2" Iron Rod is being used as a property controlling corner to A-11



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

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

Date 10-21-97

FIELD MEASUREMENTS BETWEEN

A-11 to A-12

No GLO  
M.C.P.C. Map (2-31A) = 2741 Ft. ±  
GROUND-MEA = 2677.62 Ft.  
GRID-MEA = 2677.38 Ft. or GROUND CAL. = 2667.62 Ft.

A-11 to M-11

GLO = 1.00 chains or 66.00 Ft.  
GROUND-MEA = 66.01 Ft.

C0619499 LIBER:07769 PAGE:482 08:30A 12/12/1997  
CARMELLA SABAUGH-MACOMB COUNTY, MI REG/DEEDS

### GLO NOTES

Researching the government survey records for Macomb County shows that the line was ran between Sections 30 & 31 and intersected the town line 1.00 chains South of the corner and a post was set at the Southwest corner of Section 30, and Northwest corner of Section 31 in 1817 by William Preston, D.S.

WITNESSES: (Based upon Government Survey Records)

No Witnesses

### EXISTING CONDITIONS

The original government post has been obliterated and the witness trees have been destroyed. The corner has since been perpetuated with 1/2" Iron Rod 5" below the gravel surface and in the existing centerline of Powell Road extending to the South, which has a concrete surface and in the existing centerline of 33 Mile Road extending to the East, which has a gravel surface. A tree-fence row extending to the North. This corner position was not accepted. The corner was recovered on a straight line between M-11 and M-12 at a distance of 66.01 feet South of M-11 based upon a unrecorded survey by G. Dely, PS #5234 in 1977 and is 44.9 feet North of the end of the concrete pavement for Powell Road. Corner common to Sections 35 & 36, T5N, R12E, Bruce Township (M-11) is located 66.01 feet to the North.

### LCRC AND RECORDED SURVEYS

Researching the Macomb County Land Corner Recordation Certificates (LCRC) shows that Donald H. King, PS #30085 recorded it on March, 1, 1995 and found 1/2" Iron.

WITNESSES: (Based upon LCRC recorded in Liber 6586, Page 180 of Macomb County Records)

- \*Found Iron w/cap #30085 North 61.88 Ft.
- \*P.K. Nail in Power Pole SE 61.55 Ft.
- P.K. Nail in Anchor Pole (Tel) SW 41.15 Ft.
- \*P.K. Nail in 10" Elm NW 113.39 Ft.

Other research shows that Donald H. King, PS #30085 recorded a Certificate of Survey in September of 1992 in Liber 5969, page 128 of Macomb County Records. He found a 1/2" Iron, and used the same witnesses as those listed above on the first LCRC.

### UNRECORDED SURVEYS AND WITNESSES

G. Dely, PS #5234 did a survey on November 18, 1977, and found a Iron Pipe.

WITNESSES:

North 66.01 feet SE corner of Section 25  
S60°E 60.32' Power Pole  
S60°W 38.22' Wood Guy Pole

Steven Dunn, PS #28408 did a survey on July 17, 1989, and set a 1/2" Iron Rod with cap #28408.

WITNESSES:

North 61.89 Ft. found 1/2" Iron Rod  
S60°E 61.10 Ft. Fnd P.K. Nail in West face Utility Pole  
S45°E 28.56 Ft. Fnd P.K. Nail in Asphalt  
S30°W 41.15 Ft. Fnd P.K. Nail in East face Anchor Pole

Steven Dunn, PS #28408 did a survey on July 29, 1989, and set a 1/2" Iron Rod with cap #28408, and used the same witnesses as those listed above on the second unrecorded Survey.

Donald King, PS #30085 did a Survey on September 17, 1992. He found a 1/2" Iron, and used the same witnesses as those listed above on the first LCRC.

FIELD MEASUREMENTS BETWEEN

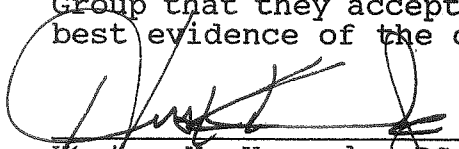
A-11 to A-12

No GLO  
M.C.P.C. Map (2-31A) = 2741 Ft. ±  
GROUND-MEA = 2677.62 Ft.  
GRID-MEA = 2677.38 Ft.

A-11 to M-11

GLO = 1.00 chains or 66.00 Ft.  
GROUND-MEA = 66.01 Ft.

The corner was recovered based upon a unrecorded Survey G. Dely, PS #5234 in 1977. I therefore, recommend to the Macomb County Peer Group that they accept the recovered position of this corner as the best evidence of the original corner position.

  
Muston K. Kennedy, PS  
Kennedy Surveying, Inc.

\*Used to verify the location of the found corner (A-11)

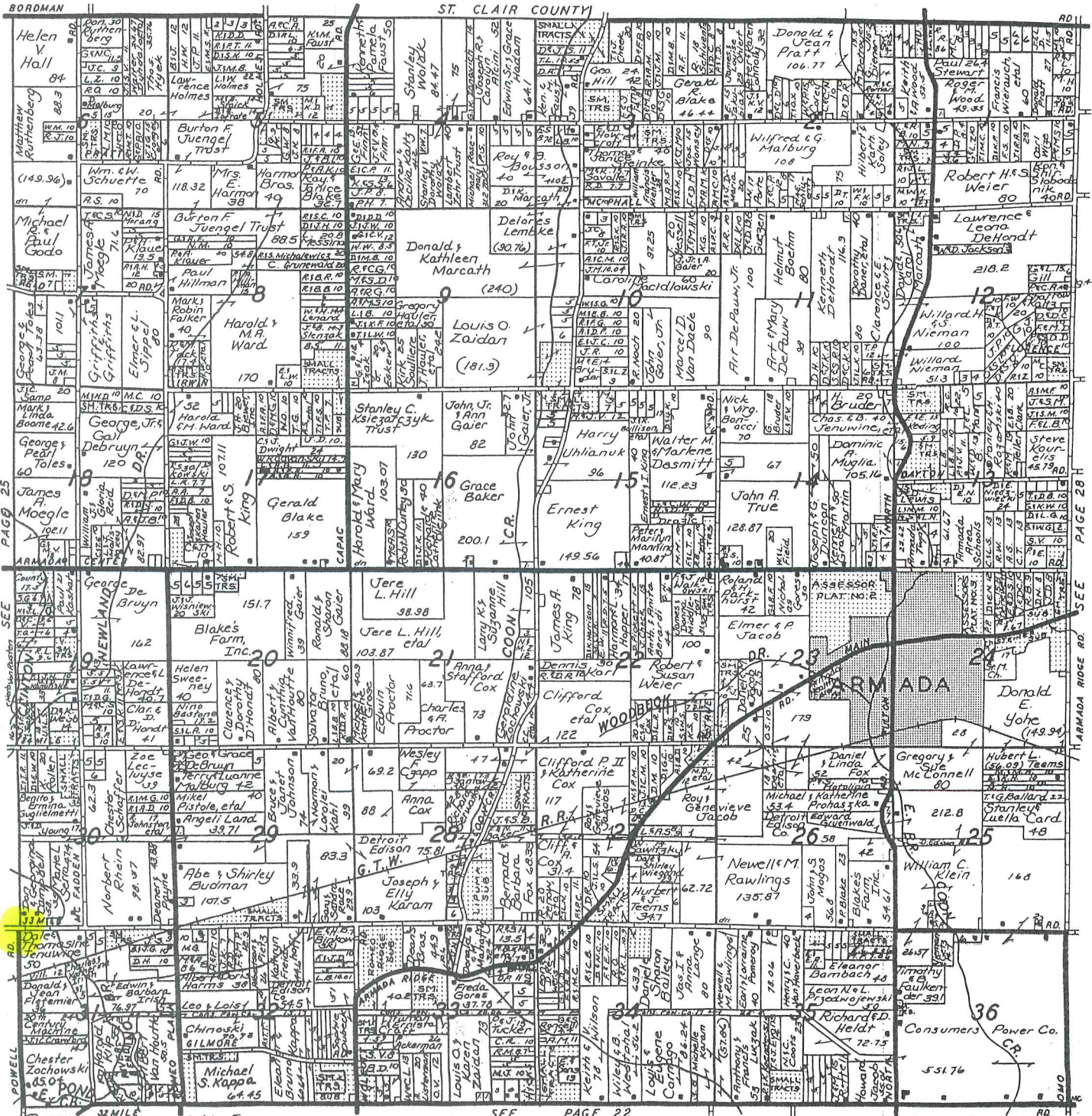
# Sources of Information For Macomb County 1997 Remonumentation Program FOR ARMADA TOWNSHIP

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



# ARMADA

# T. 5 N.-R. 13 E.



Reproduced with permission of Rockford Map Publishers, Inc.  
 Rockford, Illinois

81.10 Section bears  $\bullet$  78 1/2 W 20 lks distant  
To Sec Con Mar. 25<sup>th</sup> 1817

North Between sections 5+6

7.50 an Elm 8 in diam

40.00 Set 1/2 mile first from which a Lynn  
20 in diam bears N 4 W 12 lks distant

also a W Oak 9 in diam bears S 19 8/9 lks dist.

84.52 Intersected Town boundary 5.39 met  
of Con. Made Con. on a Hornbeam 3 in  
diam for Con. of sections 5+6 Land  
first half mile 2<sup>nd</sup> rate wet last  
half same Timber B. Ash Beech & c  
Undergrowth B. Ash Prickly Ash & c.

West Between sections 30+31

18.20 Beech 10 in diam

40.00 Set 1/2 mile first for Con. of 1/4 S from  
which a W Oak 30 in diam bears

S 33 E 11 lks distant also a B. Ash 10 in  
diam bears N 83 W 19 lks dist

40.60 run 6 lks wide E S. W.

43.20 Same Clear stream gravelly

44.57 Same S. W.

53.20 Or 50 lks wide gravelly bottom Corn South

70.07 Intersected Town boundary 1.00 South of Con.

Made Con. for sections 30+31 on a Birch  
10 in diam Land very good 2<sup>nd</sup> rate  
(rolling) Timber Sugar W Oak Beech Lynn  
W. Ash Poplar & Undergrowth Spruce & c.

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

For corners in

<u>Macomb</u> (County)	Located In: <u>Armada</u> Twp.	Corner Code <u>≠</u>
1. Public Land Survey	T <u>5N</u> R <u>13E</u>	<u>A-11</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 _____	_____

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	6	5	4	3	2	1						
5													
6	10	9	8	7	6	5	4	3	2	1			
7													
8	10	20	21	22	23	24							
9													
10	30	20	28	27	26	25							
11													
12	31	32	33	34	35	36							
13													

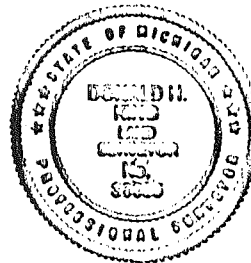
I, Donald H. King, in a field survey on September 17, 19 92, do hereby certify that under requirements of P.A. 74, Michigan P.A. of 1970, the corner points mentioned in lines 1 and 2 above were in conformance with regulations and rules therefore as required in the current manual of survey instructions 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. 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-11) Found 1/2" Iron

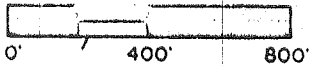
C. Description of monument for corner and accessories established to perpetuate locating the position of the corner:  
 (A-11) 1/2" Iron  
 Found Iron w/Cap 30085, North 61.88'  
 PK Nail in Power Pole, SE 61.55'  
 PK Nail in Anchor Pole (Tel), SW 41.15'  
 PK Nail in 10" Elm, NW 113.39'



Signed by Donald H. King Date 2-27-95  
 Surveyor's Michigan License No. 30085

# CERTIFICATE OF SURVEY

B924446



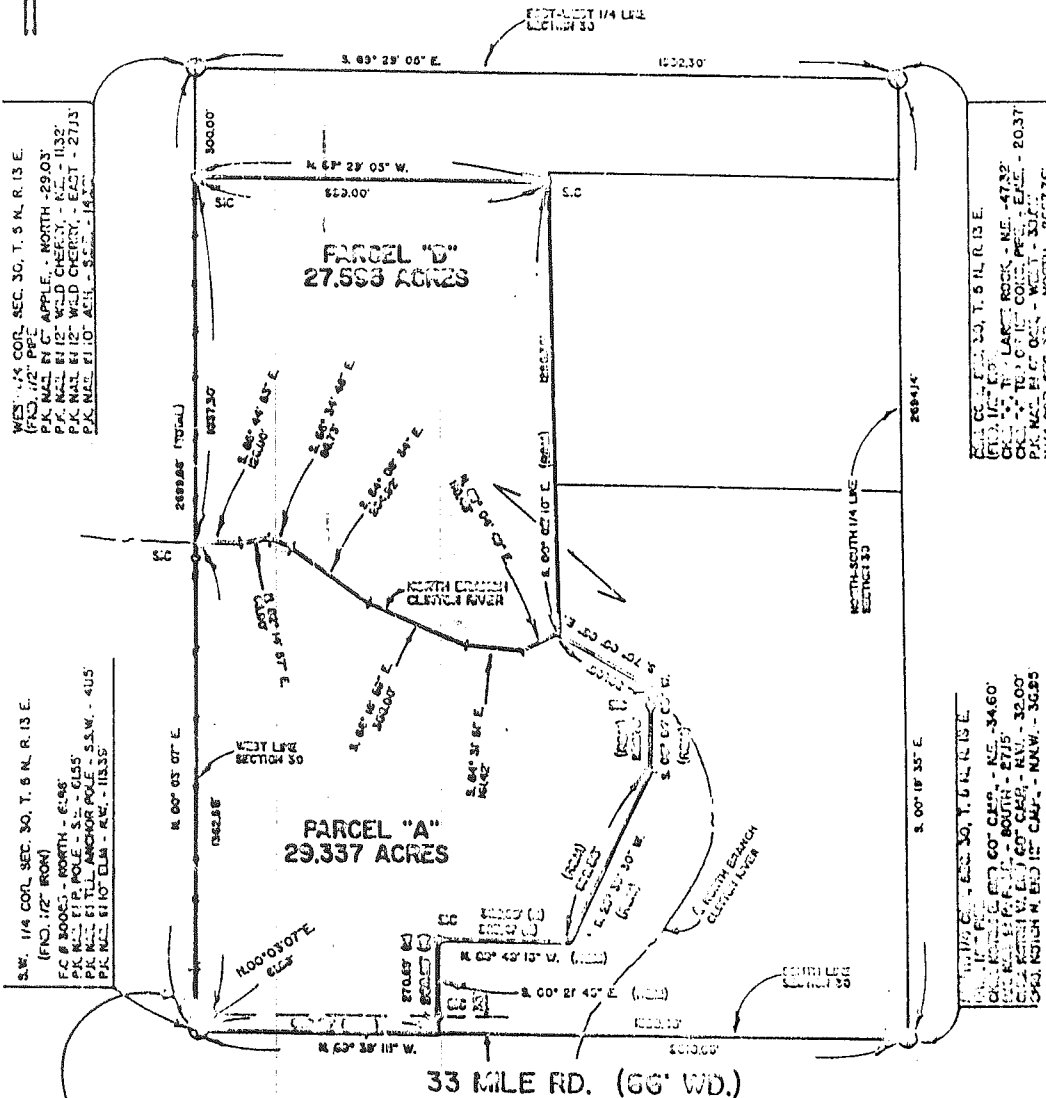
M = MEASURED  
R = RECORDED  
C = CALCULATED

FOR JOHN SERRA  
JOB NO. 412-82 DATE 9-17-82  
SCALE 1" = 400' SHEET 1 OF 2  
DRAWN BY RHB. CHECKED BY D.H.K.

1985 05969P128

Part of the Southwest Fractional 1/4 of Section 30,  
Town 5 North, Range 13 East, Armada Township  
Macomb County, Michigan.

NOTE:  
Bearings relate to description of record for parent parcel.



WEST 1/4 COR. SEC. 30, T. 5 N. R. 13 E.  
(1/2" 1/2" P.C.)  
P.K. NAIL IN C. APPLE, NORTH - 29.03'  
P.K. NAIL IN C. WILD CHERRY, N.E. - 11.32'  
P.K. NAIL IN C. WILD CHERRY, EAST - 27.13'  
P.K. NAIL IN C. WILD CHERRY, S.E. - 14.32'

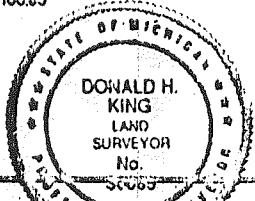
EAST 1/4 COR. SEC. 30, T. 5 N. R. 13 E.  
(1/2" 1/2" P.C.)  
P.K. NAIL IN C. LAKESIDE, N.E. - 47.82'  
P.K. NAIL IN C. LAKESIDE, E. - 20.37'  
P.K. NAIL IN C. LAKESIDE, S.E. - 30.15'  
P.K. NAIL IN C. LAKESIDE, S. - 26.77'

S.W. 1/4 COR. SEC. 30, T. 5 N. R. 13 E.  
(1/2" 1/2" P.C.)  
P.K. NAIL IN C. ANCHOR POLE, N.E. - 4.48'  
P.K. NAIL IN C. ANCHOR POLE, S.E. - 6.55'  
P.K. NAIL IN C. ANCHOR POLE, S.W. - 4.5'  
P.K. NAIL IN C. ANCHOR POLE, W. - 11.35'

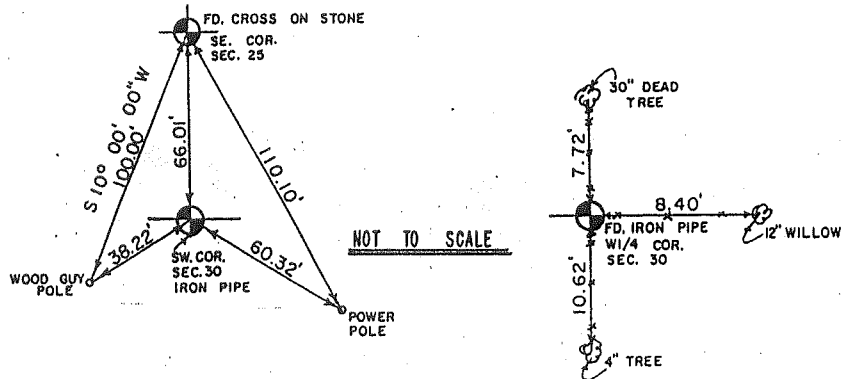
EAST 1/4 COR. SEC. 30, T. 5 N. R. 13 E.  
(1/2" 1/2" P.C.)  
P.K. NAIL IN C. ANCHOR POLE, N.E. - 34.60'  
P.K. NAIL IN C. ANCHOR POLE, E. - 27.15'  
P.K. NAIL IN C. ANCHOR POLE, S.E. - 32.00'  
P.K. NAIL IN C. ANCHOR POLE, S. - 36.85'

1/4 COR. SEC. 30, T. 5 N. R. 12 E.  
(1/2" 1/2" P.C.)  
P.K. NAIL IN C. TOP END OF CANT. CHLV. - N.E. - 62.03'  
P.K. NAIL IN C. TOP END OF CANT. CHLV. - E. - 103.00'  
P.K. NAIL IN C. CLY POLE - S.W. - 100.63'  
1/2" IRON - SOUTH - 61.6'

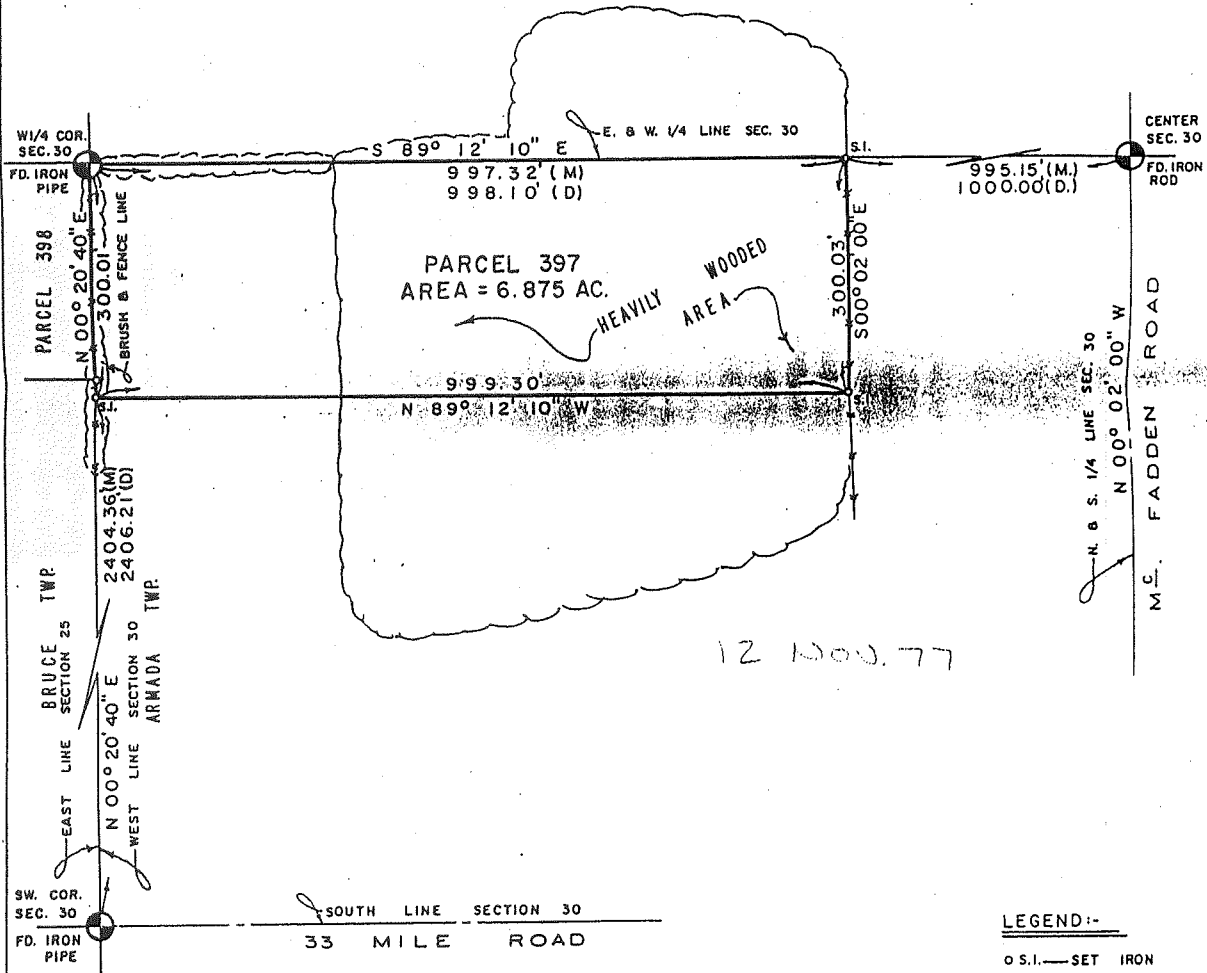
I hereby certify that I have surveyed the parcel(s) of land described and collected hereon that said survey was performed with an error of closure no greater than 1 in 5,000 and that I have complied with the requirements of Section 3, Act 102, P.A. 1970.



*Donald H. King*  
DONALD H. KING  
LICENSED LAND SURVEYOR  
MICHIGAN LICENSE NO. 37063



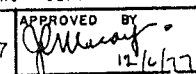
NOT TO SCALE



12 NOV. 77

**NOTE:-**  
BEARINGS FROM DEED.  
CENTER CORNER RECORDED L2612 , P 661.

**LEGEND:-**  
o S.I. — SET IRON  
( M ) — MEASURED DISTANCE  
( D ) — DEED DISTANCE

LOCATION PROPERTY SURVEY: PART OF THE SW1/4 OF FRAC. SEC. 30, T 5 N, R 13 E, ARMADA TWP., MACOMB CO., MICHIGAN YUKON JEWELL WEST CORRIDOR.			Detroit Edison SYSTEM ENGINEERING DEPT.		
SURVEY BY G. DELY, 11-18-77		DRAWN BY J. S. PAIS, 12-1-77		APPROVED BY  12/1/77	
SCALE 1" = 200'		ERROR IN CLOSURE LESS THAN 1:10,000		DRAWING NO. SE 1297-9	

# CERTIFICATE OF SURVEY

**DUNN & ASSOCIATES LAND SURVEYORS, INC.**

MACOMB MEWS BLDG, 7 N. GRATIOT AVE., SUITE 208, MT. CLEMENS, MI 48043

PHONE NUMBER  
(313) 465-5553



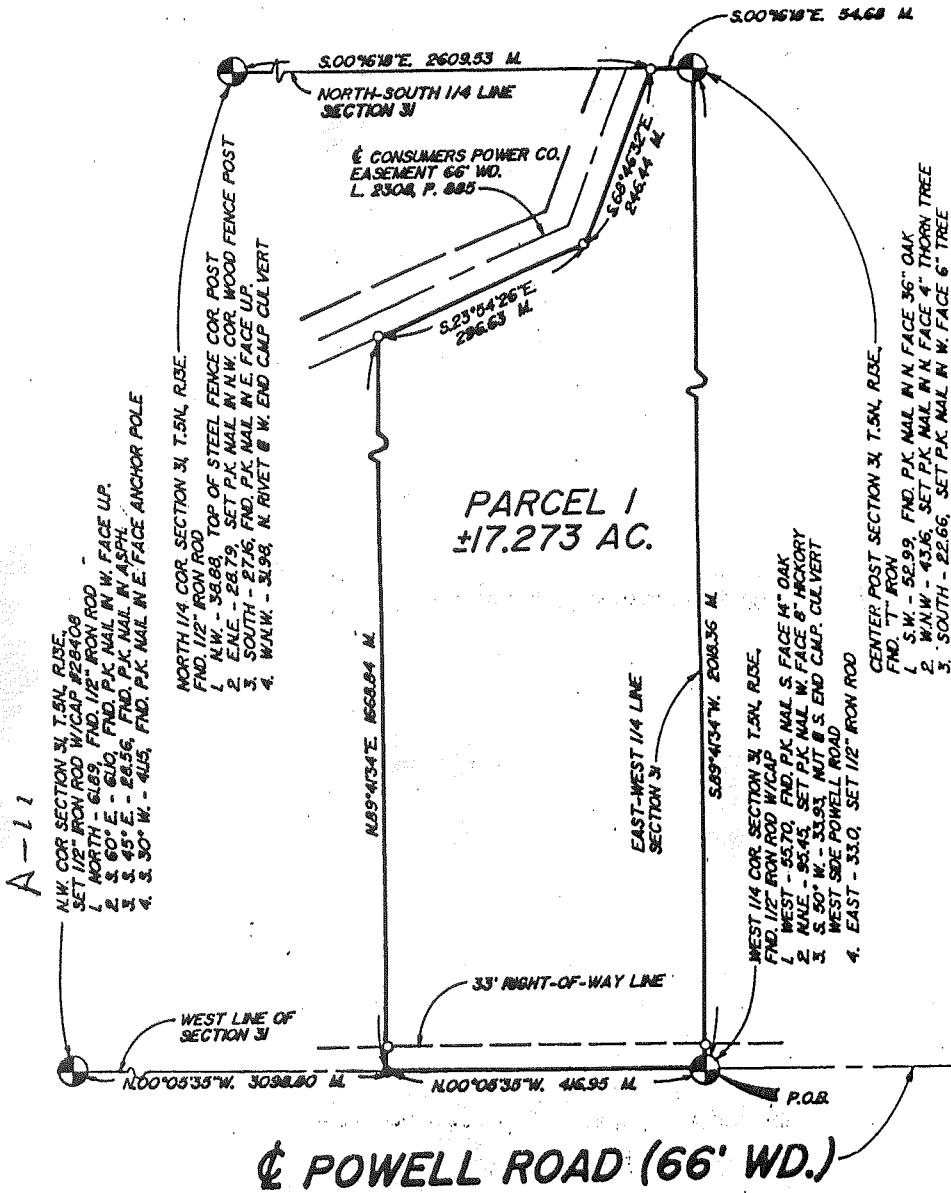
SCALE: 1" = 200'

M = Measured  
R = Record  
C = Calculated  
○ = Set 1/2" Iron Rod w/Cap #28408  
Unless Otherwise Noted

2609.53  
54.68  

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2664.21



A-11

CERTIFY TO: ETHYL JENUWINE  
 ADDRESS: 15670 33 MILE ROAD  
 CITY, STATE & ZIP: ROMEO, MICHIGAN 48065  
 TWP: ARMADA SEC: 31 COUNTY: MACOMB  
 DATE: 7/17/89 DRAWN BY: JMR.  
 JOB NO.: 87-069 SHEET NO.: 1 OF 2  
 SCALE: 1" = 200'

BOOK NO.: 003 PAGE: 32, 35

I hereby certify that I have surveyed and mapped the land above and shown on this plan on JULY 17, 19 89 and that the ratio of closure is 1/36,000 and that I am a duly licensed Land Surveyor under the Public Act 132, of 1970 and have been duly sworn in before the State Surveyor No. 28408

**STEVEN E. DUNN**  
 LICENSED LAND SURVEYOR

STEVEN E. DUNN LICENSED LAND SURVEYOR #28408

# CERTIFICATE OF SURVEY

**DUNN & ASSOCIATES LAND SURVEYORS, INC.**

MACOMB MEWS BLDG., 7 N. GRATIOT AVE., SUITE 209, MT. CLEMENS, MI 48043

PHONE NUMBER  
(313) 465-5553

CENTER POST SECTION 31, T.5N, R.13E.  
FND. 1/2" IRON

1. S.W. - 52.99, FND. P.K. NAIL IN N. FACE 36" OAK
2. W.N.W. - 43.16, SET P.K. NAIL IN N. FACE 4" THORN TREE
3. SOUTH - 22.66, SET P.K. NAIL IN W. FACE 6" TREE
4. NORTH - 54.68, SET 1/2" IRON ROD

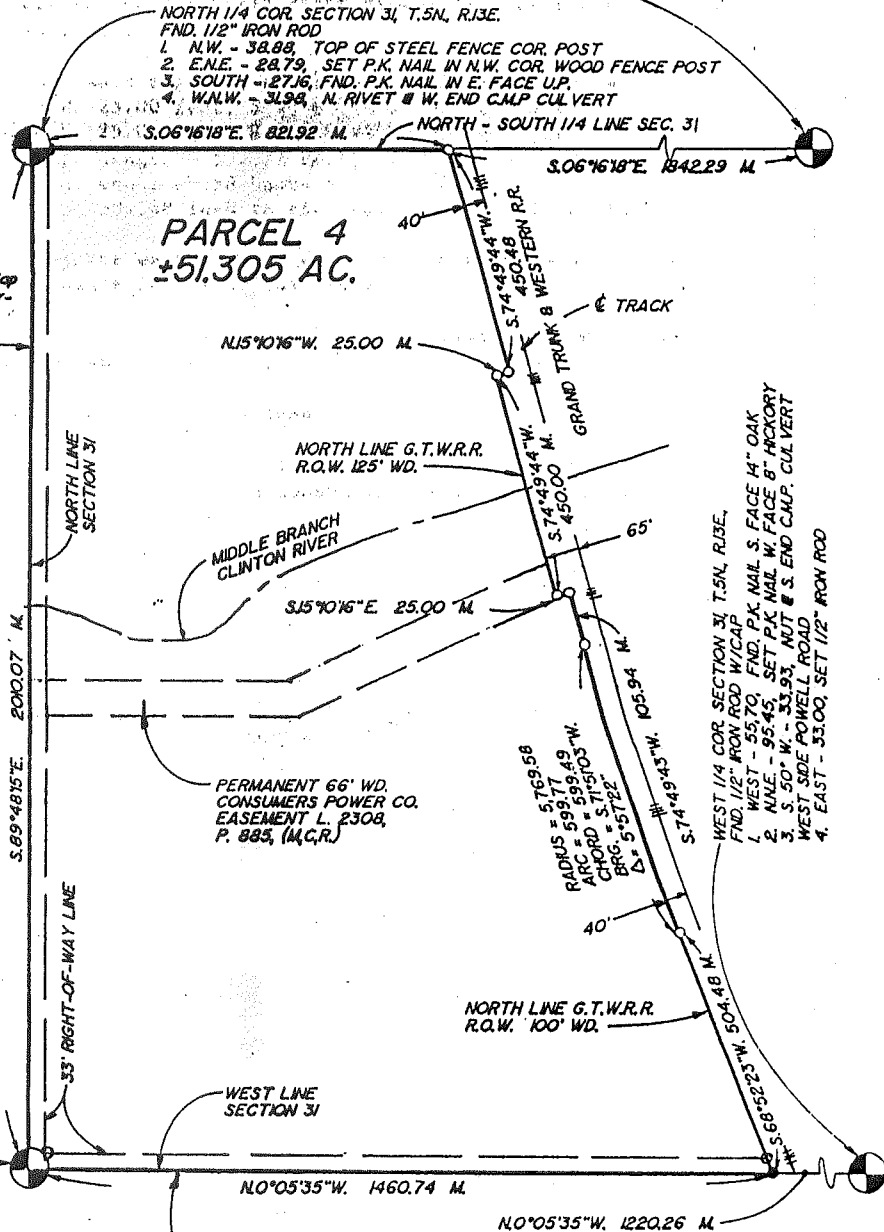
NORTH 1/4 COR. SECTION 31, T.5N, R.13E.  
FND. 1/2" IRON ROD

1. N.W. - 38.88, TOP OF STEEL FENCE COR. POST
2. E.N.E. - 28.79, SET P.K. NAIL IN N.W. COR. WOOD FENCE POST
3. SOUTH - 27.16, FND. P.K. NAIL IN E. FACE UP
4. W.N.W. - 31.98, N. RIVET @ W. END C.M.P. CULVERT

M = Measured  
R = Record  
C = Calculated  
O = Set 1/2" Iron Rod w/Cap #28408 Unless Otherwise Specified

A-10  
33 MILE ROAD (66' WD.)

N.W. COR. SECTION 31, T.5N, R.13E.  
SET 1/2" IRON ROD W/CAP #28408  
1. NORTH - 61.83, FND. 1/2" IRON ROD  
2. S. 60° E. - 61.00, FND. P.K. NAIL IN W. FACE UP.  
3. S. 45° E. - 26.36, FND. P.K. NAIL IN ASPH.  
4. S. 30° W. - 40.15, FND. P.K. NAIL IN E. FACE ANCHOR POLE



CERTIFY TO: ETHYL JENUWINE  
 ADDRESS: 15670 33 MILE ROAD  
 CITY, STATE & ZIP: ROMEO, MICHIGAN 48065  
 TWP: ARMADA SEC: 31 COUNTY: MACOMB  
 DATE: 7/29/89 DRAWN BY: J.M.R.  
 JOB NO.: 87-069 SHEET NO.: 1 OF 2  
 SCALE: 1" = 300'

BOOK NO.: 003 PAGE: 32, 35

I hereby certify that I have surveyed and mapped the land above described on JULY 29, 1989 and that the area of closure on the unadjusted field observations of STEVEN E. DUNN is 36,000 and that the area of the Survey under Public Act 132, of 1970 have been completed.

**STEVEN E. DUNN**  
 LICENSED LAND SURVEYOR #28408





# CERTIFICATE OF SURVEY

**DUNN & ASSOCIATES LAND SURVEYORS, INC.**

MACOMB NEWS BLDG., 7 N. GRATIOT AVE., SUITE 208, MT. CLEMENS, MI 48043

PHONE NUMBER  
(313) 465-5553



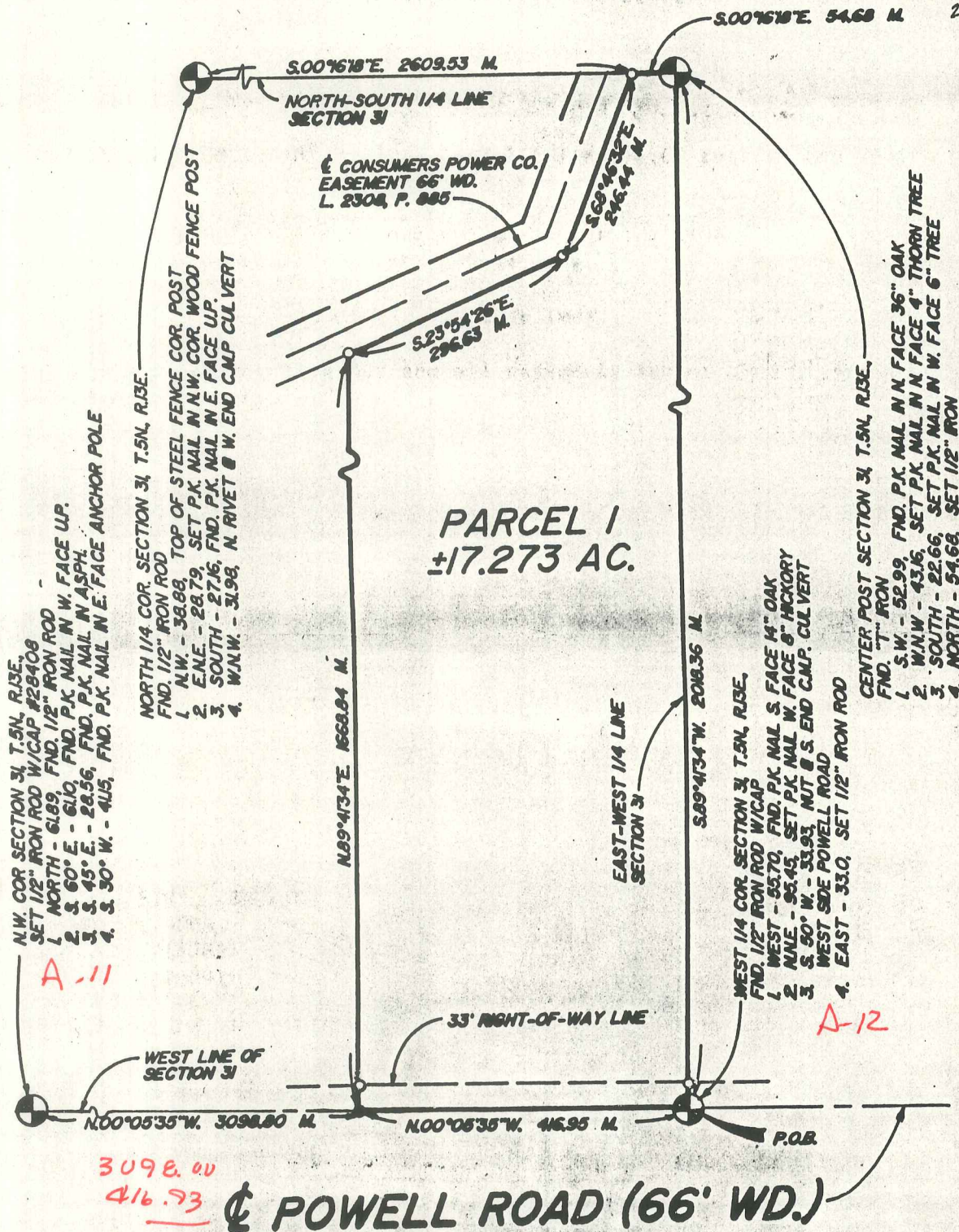
SCALE: 1" = 200'

M = Measured  
R = Record  
C = Calculated  
O = Set 1/2" Iron Rod w/Cap #28408  
Unless Otherwise Noted

2609.53  
54.68  

---

2664.21



CERTIFY TO: ETHYL JENUWINE  
 ADDRESS: 15670 33 MILE ROAD  
 CITY, STATE & ZIP: ROMEO, MICHIGAN 48065  
 TWP: ARMADA SEC: 31 COUNTY: MACOMB  
 DATE: 7/17/89 DRAWN BY: JMR.  
 JOB NO.: 87-069 SHEET NO.: 1 OF 2  
 SCALE: 1" = 200'

BOOK NO.: 003 PAGE: 32, 35

I hereby certify that I have surveyed and mapped the land above and that the file of closure on the unadjusted field observations of STEVEN E. DUNN Surveyor No. 28408 and that all of the requirements of Public Act 132, of 1970 have been complied with.

JULY 17, 1989

**STEVEN E. DUNN**  
LICENSED LAND SURVEYOR  
No. 28408

STEVEN E. DUNN LICENSED LAND SURVEYOR #28408

# CERTIFICATE OF SURVEY

**DUNN & ASSOCIATES LAND SURVEYORS, INC.**

MACOMB MEWS BLDG., 7 N. GRATIOT AVE., SUITE 208, MT. CLEMENS, MI 48043

PHONE NUMBER  
(313) 465-5553

CENTER POST SECTION 31, T.5N, R.13E.  
FND. "T" IRON

1. S.W. - 52.99, FND. P.K. NAIL IN N. FACE 36" OAK
2. W.N.W. - 43.16, SET P.K. NAIL IN N. FACE 4" THORN TREE
3. SOUTH - 22.66, SET P.K. NAIL IN W. FACE 6" TREE
4. NORTH - 54.68, SET 1/2" IRON ROD

NORTH 1/4 COR. SECTION 31, T.5N, R.13E.  
FND. 1/2" IRON ROD

1. N.W. - 38.88, TOP OF STEEL FENCE COR. POST
2. E.N.E. - 28.79, SET P.K. NAIL IN N.W. COR. WOOD FENCE POST
3. SOUTH - 27.16, FND. P.K. NAIL IN E. FACE UP.
4. W.N.W. - 31.98, N. RIVET @ W. END C.M.P. CULVERT

M = Measured  
R = Record  
C = Calculated  
O = Set 1/2" Iron Rod w/Cap  
#28408 Unless Otherwise Specified

33 MILE ROAD  
(66' WD.)

**PARCEL 4  
±51,305 AC.**

N.W. COR SECTION 31, T.5N, R.13E.  
SET 1/2" IRON ROD W/CAP #28408  
1. NORTH - 61.89, FND. P.K. NAIL IN W. FACE UP.  
2. S. 60° E. - 61.10, FND. P.K. NAIL IN W. FACE UP.  
3. S. 45° E. - 28.56, FND. P.K. NAIL IN W. FACE UP.  
4. S. 30° W. - 41.15, FND. P.K. NAIL IN E. FACE ANCHOR POLE

A-11

A-12

2681.00  
2681.69 (LPS)

POWELL ROAD (66' WD.)

SCALE: 1" = 300'

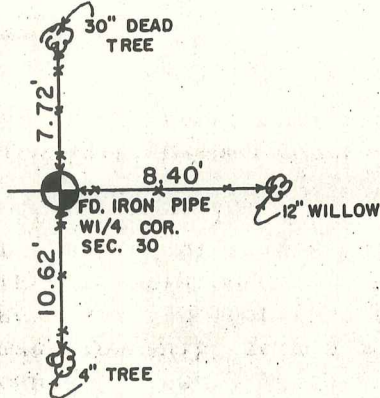
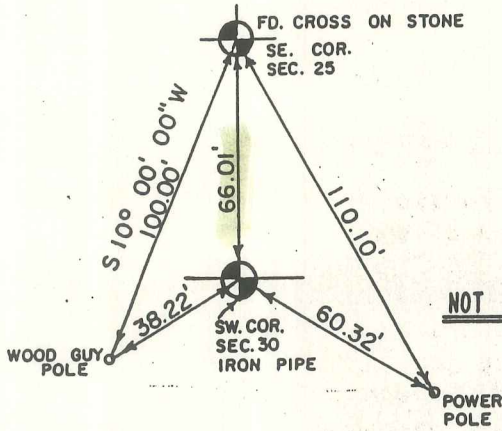
CERTIFY TO: ETHYL JENUWINE  
 ADDRESS: 15670 33 MLE ROAD  
 CITY, STATE & ZIP: ROMEO, MICHIGAN 48065  
 TWP: ARMADA SEC: 31 COUNTY: MACOMB  
 DATE: 7/29/89 DRAWN BY: J.M.R.  
 JOB NO.: 87-069 SHEET NO.: 1 OF 2  
 SCALE: 1" = 300'

BOOK NO.: 003 PAGE: 32, 35

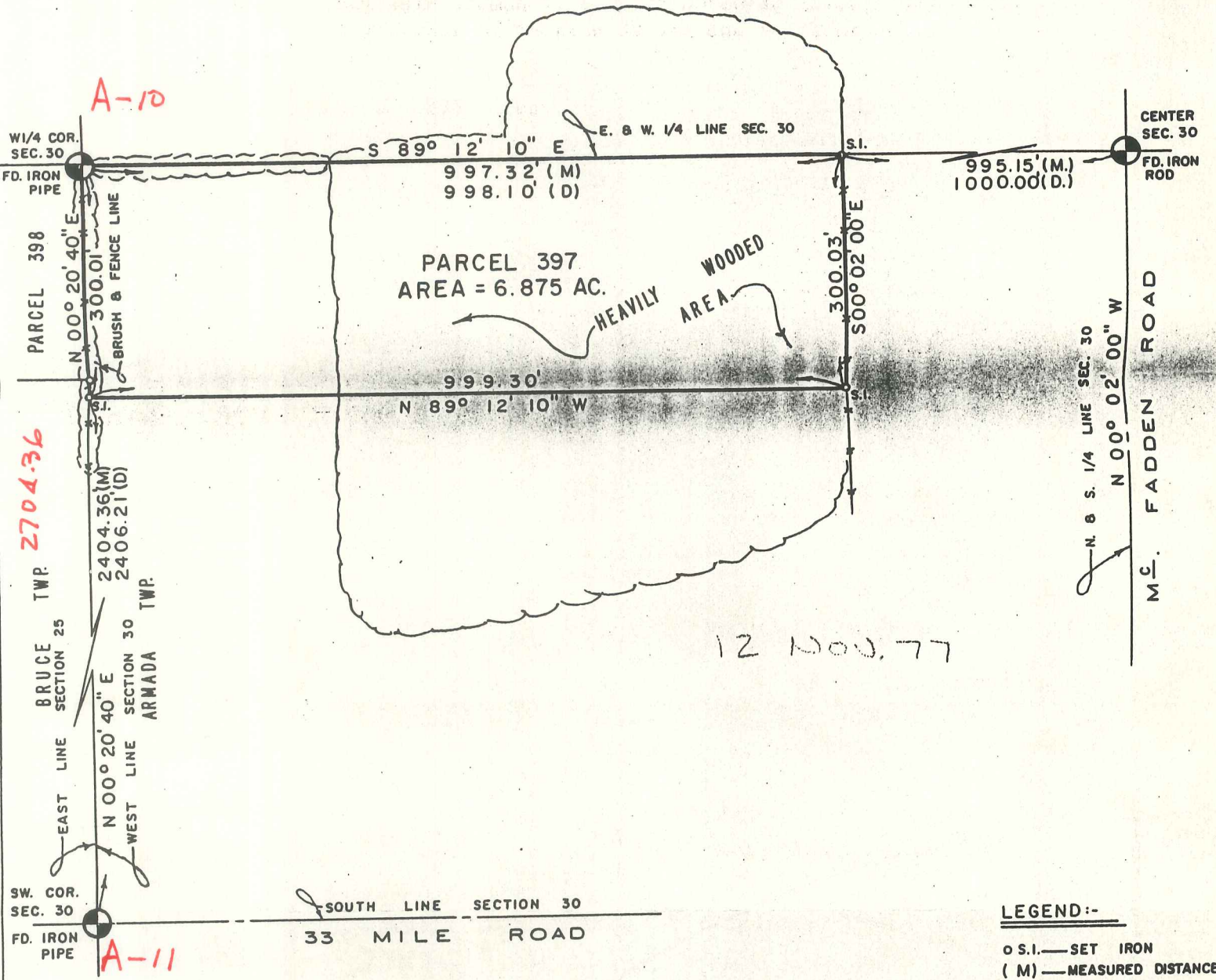
I hereby certify that I have surveyed and mapped the land above and described as follows: JULY 29, 1989  
 and that the ratio of closure on the unadjusted field observations of this survey was 36,000  
 and that all of the requirements of Public Act 132, of 1970 have been complied with.

**STEVEN E. DUNN**  
 LICENSED LAND SURVEYOR #28408

STEVEN E. DUNN LICENSED LAND SURVEYOR #28408



NOT TO SCALE



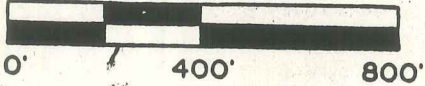
**LEGEND:-**  
 O.S.I.—SET IRON  
 (M)—MEASURED DISTANCE  
 (D)—DEED DISTANCE

**NOTE:-**  
 BEARINGS FROM DEED.  
 CENTER CORNER RECORDED L2612 , P 661.

LOCATION PROPERTY SURVEY: PART OF THE SW1/4 OF FRAC. SEC. 30 , T 5 N , R 13 E , ARMADA TWP. , MACOMB CO. , MICHIGAN YUKON JEWELL WEST CORRIDOR.	Detroit <b>Edison</b> SYSTEM ENGINEERING DEPT.		
	SURVEY BY G. DELY, 11-18-77	DRAWN BY J. S. PAIS, 12-1-77	APPROVED BY  12/6/77
	SCALE 1" = 200'	ERROR IN CLOSURE LESS THAN 1:10,000	DRAWING NO. SE 1297-9

# CERTIFICATE OF SURVEY

FOR JOHN SERRA

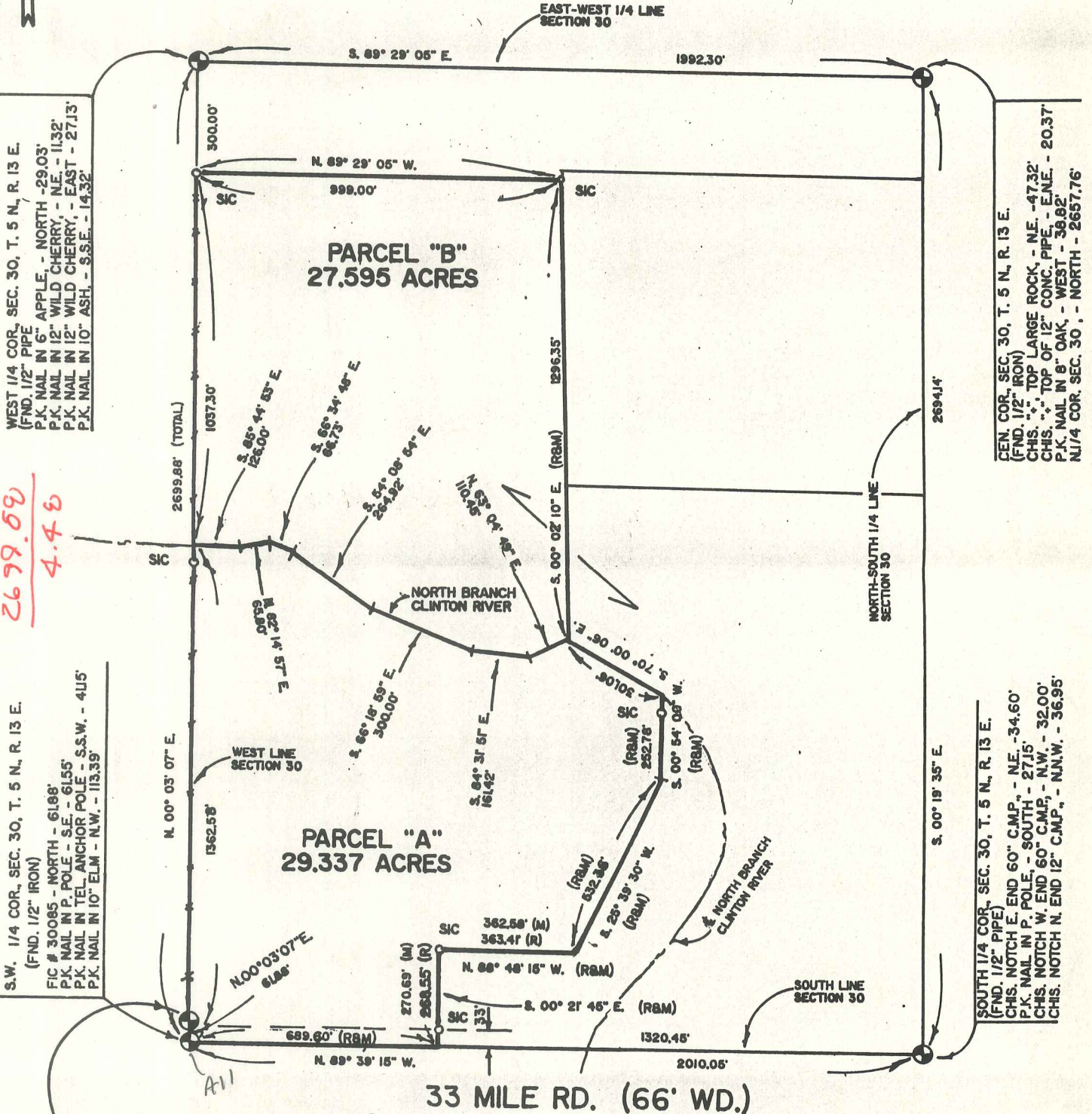


M = MEASURED  
R = RECORDED  
C = CALCULATED

JOB NO. 412-92 DATE 9-17-92  
SCALE 1" = 400 SHEET 1 OF 2  
DRAWN BY R.H.B. CHECKED BY D.H.K.

Part of the Southwest Fractional 1/4 of Section 30,  
Town 5 North, Range 13 East, Armada Township,  
Macomb County, Michigan.

NOTE:  
Bearings relate to description of record for parent parcel.



WEST 1/4 COR., SEC. 30, T. 5 N., R. 13 E.  
(FND. 1/2" PIPE)  
P.K. NAIL IN 6" APPLE - NORTH - 29.03'  
P.K. NAIL IN 12" WILD CHERRY, - NE. - 11.32'  
P.K. NAIL IN 12" WILD CHERRY, - EAST - 27.13'  
P.K. NAIL IN 10" ASH, - S.S.E. - 14.32'

GEN. COR., SEC. 30, T. 5 N., R. 13 E.  
(FND. 1/2" IRON)  
CHS. TOP LARGE ROCK, - NE. - 47.32'  
CHS. TOP OF 12" CONC. PIPE, - E.N.E. - 20.37'  
P.K. NAIL IN 8" OAK, - WEST - 38.82'  
NJ/4 COR. SEC. 30, - NORTH - 2657.76'

S.W. 1/4 COR., SEC. 30, T. 5 N., R. 13 E.  
(FND. 1/2" IRON)  
FIC # 30085 - NORTH - 61.88'  
P.K. NAIL IN P. POLE - S.E. - 61.55'  
P.K. NAIL IN TEL. ANCHOR POLE - S.S.W. - 4.15'  
P.K. NAIL IN 10" ELM - N.W. - 113.39'

SOUTH 1/4 COR., SEC. 30, T. 5 N., R. 13 E.  
(FND. 1/2" PIPE)  
CHS. NOTCH E. END 60" C.M.P., - NE. - 34.60'  
P.K. NAIL IN P. POLE, - SOUTH - 27.15'  
CHS. NOTCH W. END 60" C.M.P., - N.W. - 32.00'  
CHS. NOTCH N. END 12" C.M.P., - N.N.W. - 36.95'

S.E. COR., SEC. 25, T. 5 N., R. 12 E.  
(FIC # 30085)  
CHISEL "X" TOP END OF CONC. CULV. - S.E. - 82.95'  
CHISEL "X" TOP END OF CONC. CULV. - S.E. - 106.00'  
P.K. NAIL IN GUY POLE - S.S.W. - 100.60'  
1/2" IRON - SOUTH - 61.88'

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 5,000'; 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

2704.36  
2699.69  
4.48

66.01  
61.88  
4.13