

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 #
1. Public Land Survey	T 5N R 13E L-10	
	T _____	
	T _____	
	T _____	
2. Property Controlling in Section	S _____ T _____	
	S _____ T _____	
3. Miscellaneous Property in Sec.	S _____ T _____	

5138889
 LIBER 16975 PAGE 209



08/03/2005 01:43:35 P.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 17, 2005 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:

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												

NOTE: Not more than 2 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:

1817-GLO Preston, D.S.; A post was not set during the original government survey.

- 1973-Avey, PS #15396; LCRC L. 2363, Pgs. 666-667 - Fnd 3/8" Bar
- 1985-Macay, PS #8315; LCRC L. 3737, Pg. 858 - Reset corner from previous survey completed in 1980, iron destroyed when county drain was cleaned and widened. A 1/4" Iron is half way down bank of drain
- 1994-Erickson, PS #29245; LCRC L. 6212, Pg. 442 - Fnd 1" I.D. Pipe

(Cont. on back side LCRC)

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

2005-Kennedy Surveying, Inc. - Kennedy, PS #17623 - Fnd 1" Iron Pipe 5± feet South center of a drainage ditch extending to the East, also extending 20± feet to the West and jogging 20± feet to the North then continuing to the West with a fence tree line extending to the North and South. The corner as found was not accepted by the Macomb County Peer Group Committee and was reestablished based upon the recorded distance between L-9 to L-10 and L-10 to L-11 as shown on a Certificate of Surveys recorded in Liber 2363, Pages 674-675 and Liber 3062, Pages 564-565 on the line between found 1" Iron Pipe and L-11.

Witnesses from LCRC #1, #2 & #3 & Certificate of Surveys #4 & #5 were used to recover and closely verify the location of the 1" Iron Pipe which was not accepted by the Macomb County Peer Group Committee.

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:

L-10 | set a 4" diameter concrete monument with a 1/2" Iron Rod 36" long w/2" diameter aluminum cap stamped "Macomb County Monument, MI Act #345, PS #17623"
 N66°W 43.40' set Mag Nail w/Remon Washer South face 14" Poplar
 N27°W 13.96' set Mag Nail w/Remon Washer West face 26" Oak
 N32°E 41.36' set Mag Nail w/Remon Washer West face 14" Maple
 S22°W 28.34' set Mag Nail w/Remon Washer West face 13" Poplar
 N02°W 2.21' Fnd 1" Iron Pipe
 S03°E 277.39' Fnd 1" Iron Pipe

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



Signed by [Signature] Date July 27, 2005
 Surveyor's Michigan License No.: 17623

FORM APPROVED BY MICHIGAN STATE BOARD OF PROFESSIONAL SURVEYOR'S, JAN. 28, 1971
 REVISED MAY 14, 1975
 REVISED JAN., 1983
 REVISED OCT., 1995

ACCEPTED BY THE MACOMB COUNTY SURVEY PEER GROUP AS THE OFFICIAL CORNER UNDER MICHIGAN PUBLIC ACT 345 OF 1990 AT A MEETING HELD ON 6/28/05
[Signature]
 MARTIN C. DUNN, P.S. CHAIRMAN

TOWN 5 NORTH, RANGE 13 EAST, ARMADA TOWNSHIP (L-10)

Section A continued

- 4) 1973-Avey, PS #15396; Certificate of Survey L. 2363, Pgs. 674-675 – Fnd 3/8" Bar
- 5) 1979-Kobs, PS #14097; Certificate of Survey L. 3062, Pgs. 564-565 – Fnd 3/8" Bar
- 6) 1993-Sheridan Surveying Company; unrecorded survey drawing – Fnd 1" ID Iron Pipe on Southwest slope of drain (Armada Radio Site), used same witnesses as 1994 LCRC
- 7) 2001-Sheridan Surveying Company; unrecorded survey drawing – Fnd 1" Iron Pipe, used same witnesses as 1993 unrecorded survey drawing (Ray Compressor Site Macomb Sale #170)

Section B continued

Field Measurements Between Corners

L-10 to L-9

No GLO

Certificate of Survey recorded in Liber 3062, Pages 564-565 = 2670.53 Ft.
N02°50'48" W 2670.65 Ft. (mea)

L-10 to L-11

No GLO

Calculated from Certificate of Survey recorded in Liber 2363, Pages 674-675 = 2681.31 Ft.
Two (2) unrecorded survey drawings prepared by Sheridan Surveying Company dated June 23, 1993
& June 1, 2001 = 2683.70 Ft.
S03°05'57" E 2681.57 Ft. (mea)

L-10 to K-10

No GLO

Certificate of Survey recorded in Liber 2363, Pages 674-675 = 2688.87 Ft.
S87°25'43" W 2689.63 Ft. (mea)

L-10 to M-10

No GLO

Certificate of Survey recorded in Liber 3062, Pages 564-565 = 2720.78 Ft.
Two (2) unrecorded survey drawings prepared by Sheridan Surveying Company dated June 23, 1993
& June 1, 2001 = 2720.20 Ft.
N87°11'53" E 2720.57 Ft. (mea)

Liber 016975 Page 00210

2005

**MACOMB COUNTY REMONUMENTATION
PROGRAM FOR ARMADA TOWNSHIP**

Research Dossier for L-10

Prepared by:
Kennedy Surveying, Inc.
105 North Washington Street
Oxford, Michigan 48371
05-6030 (96-4013)

Sources of Information Researched For Macomb County 2005 Remonumentation Program For Armada 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) David Little Land Surveyor
- e) Dunn Construction
- f) Fenn & Associates Surveying, Inc.
- g) George Jerome & Company
- h) James Land Surveying
- i) Kern-Tec Surveying
- j) King Surveying & Associates, Inc.
- k) Lehner Associates, Inc.
- l) M.C.S. Associates, Inc.
- m) Metco Land Sea Corp.,
- n) Metco-Dunn, Inc.
- o) Michalich & Associates
- p) Milletics & Associates
- q) R.J. Donnelly & Associates, Inc.
- r) RA. Duthler Land Surveyor LLC
- s) Reichert Surveying
- t) Road Commission for Macomb County
- u) Rowe Incorporate
- v) Spalding, DeDecker & Associates
- w) Urban Land Consultants, L.L.C.
- x) Williams & Gorinac Associates

GLO SURVEY HISTORY

Researching the government survey records for Macomb County shows that the North and West lines of Armada Township were surveyed and the township was subdivided into sections with closing corners set on the North and West township lines by William Preston, D.S. in 1817. A post was not set at the Center of Section 25.

WITNESSES: (Based upon Government Survey Records)
No witnesses

EXISTING CONDITIONS

The post was not set during the original government survey. The corner has been perpetuated with a 1" Iron Pipe 5± feet South center of a drainage ditch extending to the East, also extending 20± feet to the West and jogging 20± feet to the North then continuing to the West with a fence tree line extending to the North and South. The corner as found was not accepted by the Macomb County Peer Group Committee and was reestablished based upon the recorded distance between L-9 to L-10 and L-10 to L-11 as shown on a Certificate of Surveys recorded in Liber 2363, Pages 674-675 and Liber 3062, Pages 564-565 on the line between the found 1" Iron Pipe and L-11.

LCRC AND RECORDED SURVEYS

Researching the Macomb County Records for Land Corner Recordation Certificates (LCRC) and Certificate of Survey shows Herbert G. Avey, PS #15396 recorded a LCRC on January 24, 1973 and found a 3/8" Bar.

WITNESSES: (Based upon LCRC recorded in Liber 2363, Pages 666-667 of Macomb County Records)

SSE 17.43' 16d concrete Nail W face 10" Walnut (gone)
East 13.38' 16d concrete Nail S face 24" Willow (13.25' mea to center of tree, this could be a dogwood tree)
North 56.07' 16d concrete Nail E face twin 6" & 12" Box Elder (gone)

Joseph R. Macay, PS #8315 recorded a LCRC on March 11, 1985 in Liber 3737, Page 858 of Macomb County Records. Reset corner from previous survey completed in 1980, iron destroyed when county drain was cleaned and widened. A 1 1/4" Iron is half way down bank of drain. Per a telephone conversation with Mr. Joseph R. Macay on May 28, 2005, he stated that he was employed and has since retired from the Detroit Edison Company.

WITNESSES: (was used to verify the found 1" Iron Pipe)

*N45°W 28.0' corner of P.C. Pipe
*N15°W 11.55' 18" Oak
*East 13.0' PK Nail 28" Elm (13.25' mea to center of tree)
*South 280.01' 1 1/4" Iron (279.59' mea)
S25°W 34.85' 8" Maple (gone)
S45°W 50.50' 8" Maple (gone)

David E. Erickson, PS #29245 recorded a LCRC on February 02, 1994 in Liber 6212, Page 442 of Macomb County Records. He found a 1" I.D. Pipe.

WITNESSES: (was used to verify the found 1" Iron Pipe)

*S83°E 13.08' Fnd PK S side 28" Dogwood (13.10' mea to P.K. Nail)
*N06°W 11.62' Fnd D. H. Nail W side 18" Oak
N33°E 13.79' Set N & S South side 4" tree (gone)
N75°W 22.72' Set N & S South side 4" tree (gone)
South 279.79' Fnd 1 1/4" O.D. Iron Pipe (279.59' mea)

(Revised 06/03/05)

Herbert G. Avey, PS #15396 recorded a Certificate of Survey on January 24, 1973 in Liber 2363, Pages 674-675 of Macomb County Records. He found a 3/8" Bar.

WITNESSES:

SSE 17.43' 16d concrete Nail W face 10" Walnut (gone)
East 13.38' 16d concrete Nail S face 24" Willow (13.25' mea to center of tree)
North 13.64' 16d concrete Nail W face 14" Oak (gone)

Herbert J. Kobs, PS #14097 recorded a Certificate of Survey on January 31, 1979 in Liber 3062, Pages 564-565 of Macomb County Records. He found a 3/8" Iron Bar.

WITNESSES:

WNW 10.84' PK Nail 10" Apple (no evidence of apple tree)
North 13.88' PK Nail 18" Oak (gone)
East 13.50' PK Nail 24" Tree (13.25' mea to center of tree)

UNRECORDED SURVEYS AND WITNESSES

Unrecorded survey drawing prepared by Sheridan Surveying Company dated June 23, 1993. Found 1" ID Iron Pipe on Southwest slope of drain. (Armada Radio Site), used same witnesses as 1994 LCRC.

Unrecorded survey drawing prepared by Sheridan Surveying Company dated June 1, 2001. Found 1" Iron Pipe, used same witnesses as 1993 unrecorded survey drawing. (Ray Compressor Site Macomb Sale #170)

FIELD MEASUREMENTS BETWEEN CORNERS

L-10 to L-9

No GLO
Certificate of Survey recorded in Liber 3062, Pages 564-565 = 2670.53 Ft.
N02°50'48" W 2670.65 Ft. (mea)

L-10 to L-11

No GLO
Calculated from Certificate of Survey recorded in Liber 2363, Pages 674-675 = 2681.31 Ft.
Two (2) unrecorded survey drawings prepared by Sheridan Surveying Company dated June 23, 1993 & June 1, 2001 = 2683.70 Ft.
S03°05'57" E 2681.57 Ft. (mea)

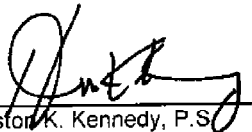
L-10 to K-10

No GLO
Certificate of Survey recorded in Liber 2363, Pages 674-675 = 2688.87 Ft.
S87°25'43 W 2689.63 Ft. (mea)

L-10 to M-10

No GLO
Certificate of Survey recorded in Liber 3062, Pages 564-565 = 2720.78 Ft.
Two (2) unrecorded survey drawings prepared by Sheridan Surveying Company dated June 23, 1993 & June 1, 2001 = 2720.20 Ft.
N87°11'53" E 2720.57 Ft. (mea)

The witnesses for the above mentioned Land Corner Recordation Certificate and Certificate of Survey were used to closely verify the location of the found 1" Iron Pipe as of January 17, 2005 which was not accepted by the Macomb County Peer Group Committee. The corner was reestablished based upon the recorded distance shown on Certificate of Surveys recorded in Liber 2363, Pages 674-675 and Liber 3062, Pages 564-565 on the line between L-10 (as monumented) and L-11.



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

HKK/hlk

*Used to verify the location of the found corner (L-10)

LAND CORNER RECORDATION CERTIFICATE

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

LIBER **2363** PAGE **666**

A166430

FOR CORNERS OF: Sec. 25 LOCATED IN: Armada Twp. CORNER CODE NUMBER

1. PUBLIC LAND SURVEY _____ T. <u>5</u> N. R. <u>13</u> W.	K-10, L-10
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: 10:10 A.M.

JAN 24 1973

Edna J. Hill
CLERK - REGISTER OF DEEDS
MACOMB COUNTY MICHIGAN
REGISTER OF DEEDS STAMP AND FILING NUMBER

I, Herbert G. Avey do hereby certify that under requirements of P.A. 74, Michigan P.A. of 1970, the corner points mentioned in lines 1 and 2 above (identified with circles on index code diagram - over) were in a field survey on December 29 1972, established, re-established, monumented, re-monumented, recovered or restored as expressed below and in conformance with regulations and rules therefore as required in the current manual of survey instructions of the United States Department of the Interior, Bureau of Land Management or by a decree of a court of law. Furthermore, that the corner points mentioned in lines 3, 4 and 5 above were, in a field survey on _____ 19____, found, recovered, restored, established or re-established as expressed below and in conformance with the rules of the Michigan State Board of Registration for Land Surveyors or, by a Decree of a Court of law:

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

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

K-10 - Found 1" Pipe
L-10 Found 3/8" Bar

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

K-10 - 28.72' E, S, E, to 16d conc. nail in South root
60" Willow on east bank of Coon Creek.
62.59' W. to 16d conc. nail in north face power pole.
56.07' N. to 16d conc. nail in E. face twin 6" & 12" Box Elder

L-10 - 17.43' S, S, E, to 16d conc. nail in west face 10' Walnut.
13.38' E. to 16d conc nail in south face 24" Willow.
13.64' N. to 16d conc. nail in west face 14" Oak.



SIGNED BY Herbert G. Avey DATE 1/24/73

SURVEYOR'S MICHIGAN REGISTRATION NO. 15396 1 SEAL

FOR STATE AND UNITED STATES AGENCIES:

SIGNED BY _____ CHIEF OF SURVEY PARTY DATE _____

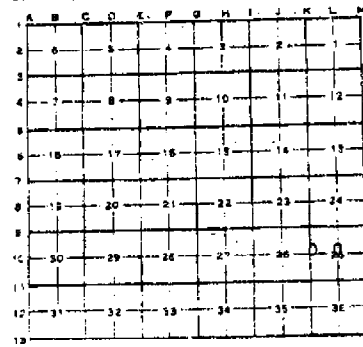
APPROVED AND SIGNED BY _____ MICHIGAN REGISTERED LAND SURVEYOR DATE _____ 1 SEAL

SURVEYOR'S MICHIGAN REGISTRATION NO. 00267

LIBER 2063 PAGE 667

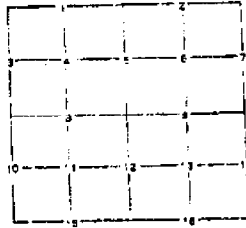
CORNER NUMBERING CODE DIAGRAMS FOR IDENTIFYING LAND CORNER RECORDATIONS AND INDEXING

FOR PUBLIC LAND SURVEY CORNERS IN THE
T. 5N, R. 13E (MENTIONED OVER)



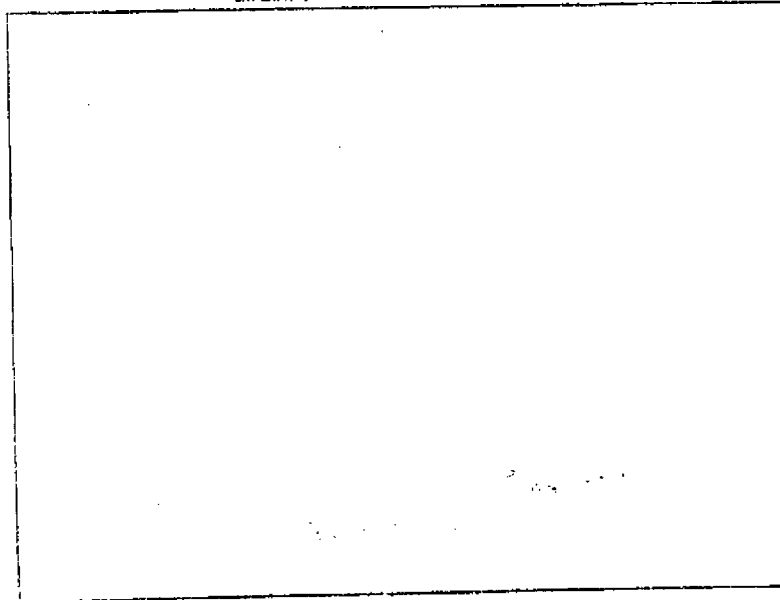
Apply letter prefix for corner points encircled above for identifying corner recordation numbers over.

FOR PROPERTY CONTROLLING AND MISC.
PROPERTY CORNERS WITHIN THE SECTION
(MENTIONED OVER AND EXCLUDE LOT CORNER)



1. Above coded numbers are positioned on 1/16 fractional lines of the section.
2. Township corner code numbers shall be applied to corners of above typical section not numbered.
3. Miscellaneous property corners within a section, located at points other than numbered above, shall be referenced to at least two of above corner code numbers.
4. Private claim corners to be tied to rectangular land corners if possible - sketch required below.

EXPLANATORY SKETCH IF NECESSARY -- BELOW



SECTION 25
ARMADA TWP.
MACOMB COUNTY

CLAIM TO RESTORE MONUMENTS
FILED REQUIREMENT OF FACT 74-11-1975

FOR CORNERS OF--

1. PUBLIC LAND SURVEY	T. _____ N. _____ E. _____	LOCATED IN--	1-10
2. PROPERTY CONTROLLING IN SECTION	T. 5 N. 13 E. _____		
3. MISCELLANEOUS PROPERTY IN SECTION	T. _____ N. _____ E. _____		
4. LOT NO. _____	RECORDED PLAT _____		
5. PRIVATE CLAIMS _____			

LIBER 3737 PAGE 858
A919610
RECORDED IN MACOMB COUNTY RECORDS AT 1:52:10
MAY 11 1985
Edna K. Miller
CLERK REGISTER OF DEEDS
MACOMB COUNTY, MICHIGAN
RECEIVED OF DEEDS BOOK A
FILED NUMBER

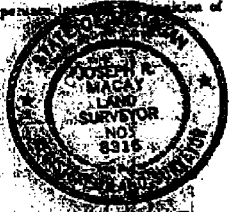
I, JOSEPH R. MACAY do hereby certify that under requirements of P.A. 74, Michigan P.A. of 1975, the corner points mentioned in lines 1 and 2 above (identified with circles on index code diagram-over) were, in a field survey on MARCH 8, 1985, established, re-established, monumented, re-monumented, recovered or restored as expressed below and in conformance with regulations and rules therefore as required in the current act of survey instructions of the United States Department of the Interior, Bureau of Land Management or by a decree of court of law. Furthermore, that the corner points mentioned in lines 3, 4 and 5 above were, in a field survey on 1985, 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:
3/8" IRON BAR - RECORDED IN LIBER 3062 Page 521, MACOMB COUNTY, BY HERBERT J. KOEHLER, R.L.S. RECORDS
P.K. NAIL IN 10" APPLE W.N.W 10.84
P.K. NAIL IN 18" OAK NORTH 13.88
P.K. NAIL IN 24" TREE EAST 13.30

B. Description of corner evidence found and/or method applied in restoring or re-establishing corner:
RESE: CORNER FROM PREVIOUS SURVEY COMPLETED IN 1980
IRON WAS DESTROYED WHEN COUNTY DRAIN WAS CLEANED & WIDENED - 1 1/4" IRON IS HALF WAY DOWN BANK OF DRAIN

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

CORNER OF P.C. PIPE	N 45° W	28.0'
18" SHAGGY BARK MAPLE	N 15° W	11.55'
28" ELM - P.K. NAIL	EAST	13.0'
1 1/4" IRON	SOUTH	280.01'
8" MAPLE	S 25° W	34.85'
8" MAPLE	S 45° W	50.30'



SIGNED BY: *Joseph R. Macay* DATE: 5/27/85
SURVEYOR'S MICHIGAN REGISTRATION NO. 8915 (RSL)
FOR STATE AND UNITED STATES AGENCIES.
SIGNED BY _____ DATE _____
APPROVED AND SIGNED BY _____ DATE _____
SURVEYOR MICHIGAN REGISTRATION NO. _____

C018364

0621250442

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

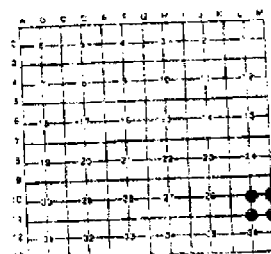
RECORDED IN MACOMB COUNTY
RECORDS #1 832A-M

FEB 02 1994

David E. Erickson
CLERK, RECORDS SECTION
MACOMB COUNTY, MICHIGAN

Register of Deeds Stamp & File Number

For corners in	Located in	Corner Code
MACOMB	Address Twp.	
1. Public Land Survey	T 5N R 13E	L-10
	T 5N R 13E	M-10
	T 5N R 13E	M-11
2. Property Corner	S	
3. Miscellaneous Property	S	
4. Other	S	



David E. Erickson
I, a field surveyor on June 7, 1993
do hereby certify that the registration of P.A. 74, Michigan P.A. of 1970, the corner(s) as mentioned
in this certificate and above were in accordance with regulations and rules in force 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 order that the corner(s) as mentioned in lines 3, 4 and 5
above were in accordance 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, discovered, found or
re-discovered or by

- 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
 - L-10 1 1/2" iron and witness per LCRC # 13731, P658
 - M-10 3/4" bar and witness per LCRC # 12350, P688
 - M-11 1/2" iron and witness per LCRC # 147506, P753
 - M-11 3/4" iron bar and witness per LCRC # 13317, P743

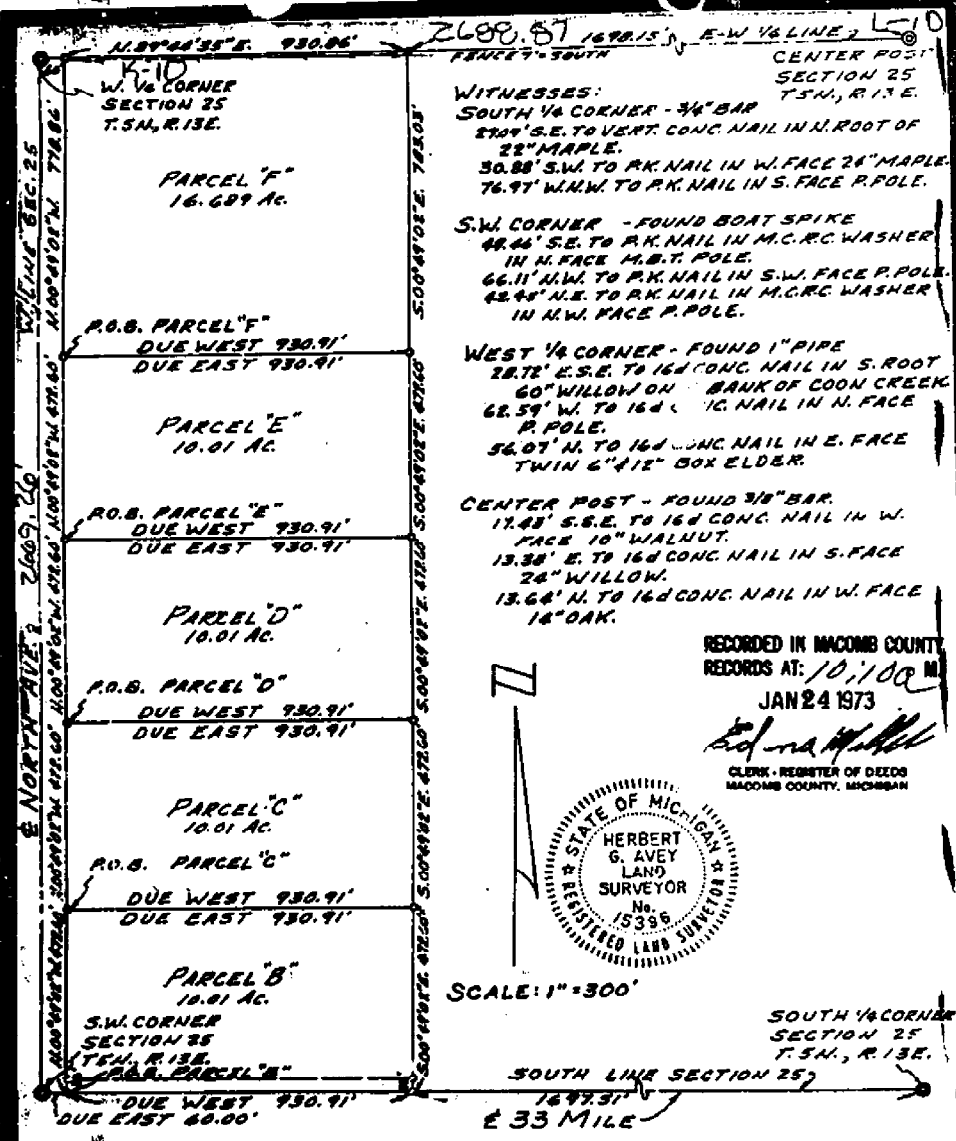
- B. Description of corner evidence found and/or method applied in restoring or reestablishing corner.
 - L-10 Found 1 1/2" iron pipe on SW facing slope of drain. Pipe is 6" NB of CL drain.
 - M-10 Found 3/4" bar down 0.2' and 2' S of CL along 33 Mile Road
 - M-11 Found 1/2" iron down 0.1' and 4.9' W of CL along 33 Mile Road (gravel)
 - M-11 Found nail with flagging in asphaltic concrete patch. Nail is existing witness



- C. Description of monument for corner and accessories established to perpetuate location of the corner.
 - L-10 1 1/2" Pipe
 - 200E 13.08' Fnd PK in S of 26" Dogwood
 - N00W 11.82' Fnd Dh Nail in W of 18" Oak
 - N03E 10.78' Set N&S in SE of 4" Tree
 - N75E 22.77' Set N&S in S of 4" Tree
 - South 27.97' Fnd 1 1/4" O.D. iron Pipe
 - M-10 1 1/2" iron
 - S87W 80.44' Set N&S in N of 18" Walnut
 - N17W 85.40' Set N&S in E of 12" Walnut
 - N55E 83.60' Set N&S in W of 28" Spruce
 - N82E 81.92' Set N&S over Fnd DH Nail in S of 24" Walnut
 - M-11 Nail with Flagging in Asphaltic Concrete Patch
 - N35W 43.49' PK with MCRC Tag in E of Power Pole
 - N03E 43.55' PK with MCRC Tag in NW of Power Pole
 - S55W 37.08' PK with MCRC Tag in NW of Power Pole
 - S34E 30.42' PK with MCRC Tag in SW of Power Pole

Signed by *David E. Erickson* Date 1-20-94
Surveyor's Michigan License No. 28746

FORM APPROVED BY MICHIGAN STATE BOARD OF LAND SURVEYORS, JAN. 25, 1971
REVISED MAY 14, 1979
REVISED JAN. 1, 1983



RECORDED IN MACOMB COUNTY
 RECORDS AT: 10,100 M
 JAN 24 1973
[Signature]
 CLERK - REGISTER OF DEEDS
 MACOMB COUNTY, MICHIGAN



CERTIFICATE OF SURVEY

Acceptable ratio of error of closure shall be less than 1/5000 or actual error of closure shall be less than 0.15 feet.

I hereby certify that I have surveyed and mapped the land above platted and/or described on December 29, 1972 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.

Bearings for this survey are those of a previous survey on this property.

• DENOTES 1/2" BAR WITH CAP SET.

URBAN LAND CONSULTANTS
 Civil Engineers - Planners - Land Surveyors
 48277 Van Dyke Ave. #100, Midland 48067

LEGEND
 PIP - Found Iron Pipe
 PIP - Found Iron Pipe
 SIB - Set Iron Bar
 B - Record Distance
 M - Measured Distance

Herbert G. Avey
Herbert G. Avey
 Registered Land Surveyor 15336

Date 12/29/72
 Drawn HGA
 Check
 Sheet 1 OF 2
 File 81-115-76
 Job No. 721156-447

PORTION OF PART OF NORTH HALF OF NORTHEAST
OF SECTION 25, TOWN 5 NORTH, RANGE 13 EAST,
ARMADA TOWNSHIP, MACOMB COUNTY, MICHIGAN.

A559508

NOTE: BEARINGS RELATE TO DESCRIPTION OF RECORD ON PARCEL ADJACENT TO
NORTH LINE OF DELINEATED PARCEL.

RECORDED IN MACOMB COUNTY
RECORDS AT: 10:45 A. M.
JAN 3 1 1979

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

R = RECORDED
M = MEASURED

Edna H. ...
CLERK - REGISTER OF DEEDS
MACOMB COUNTY, MICHIGAN

NORTH 1/4 COR. SEC. 25, T. 5N., R. 13E.
(3/8" IRON BAR)
P.R. NAIL IN 12" OAK - NORTH - 12.82'
P.R. NAIL IN 6" OAK - EAST - 8.84'
P.R. NAIL IN 5" OAK - S.S.E. - 17.30'

N.W. COR. SEC. 30, T. 5N., R. 14E.
(1/2" IRON BAR)
P.R. NAIL IN POWER POLE - N.W. - 25.00'
S.W. COR. CONC. HWY. - N.E. - 41.32'
TOP OF STEEL FENCE POST - S.E. - 39.84'

N89°53'52"W (R.) 2725.52' (M.) 2725.94' P.M.

PARCEL "D" (10.444 AC.)

N89°57'01"E 2725.50'
S89°57'01"W 2725.50'

PARCEL "C" (10.442 AC.)

N89°52'12"E 2725.07'
S89°52'12"W 2725.07'

PARCEL "B" (10.440 AC.)

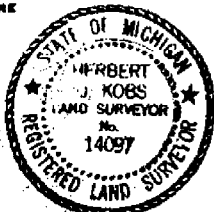
N89°47'23"E 2724.64'
S89°47'23"W 2724.64'

PARCEL "A" (10.439 AC.)

N89°42'34"E 2724.22'

I HEREBY CERTIFY THAT I HAVE SURVEYED THE PARCEL(S)
OF LAND DESCRIBED AND DELINEATED HEREON, THAT SAID
SURVEY WAS PERFORMED WITH A RELATIVE ERROR OF CLOSURE
NO GREATER THAN 1 IN 5,000'; AND THAT I HAVE FULLY
COMPLIED WITH THE REQUIREMENTS OF SECTION 3, ACT
132, P.A. 1970.

Herbert J. Kobs
HERBERT J. KOBBS
REGISTERED LAND SURVEYOR
No. 14097



EAST 1/4 COR. SEC. 25, T. 5N., R. 13E.
(3/8" IRON BAR)
P.R. NAIL IN 10" APPLE - W.N.W. - 10.84'
P.R. NAIL IN 18" OAK - NORTH - 13.88'
P.R. NAIL IN 24" TREE - EAST - 13.56'

EAST 1/4 COR. SEC. 25, T. 5N., R. 13E.
(1/2" IRON BAR)
NAIL & CAP IN 15" WALNUT - WEST - 80.74'
NAIL & CAP IN 24" WALNUT - E.N.E. - 60.84'
NAIL & CAP IN 24" SPICE - N.E. - 94.87'

N89°50'25"E 2720.78' C.R. 1/4 LINE



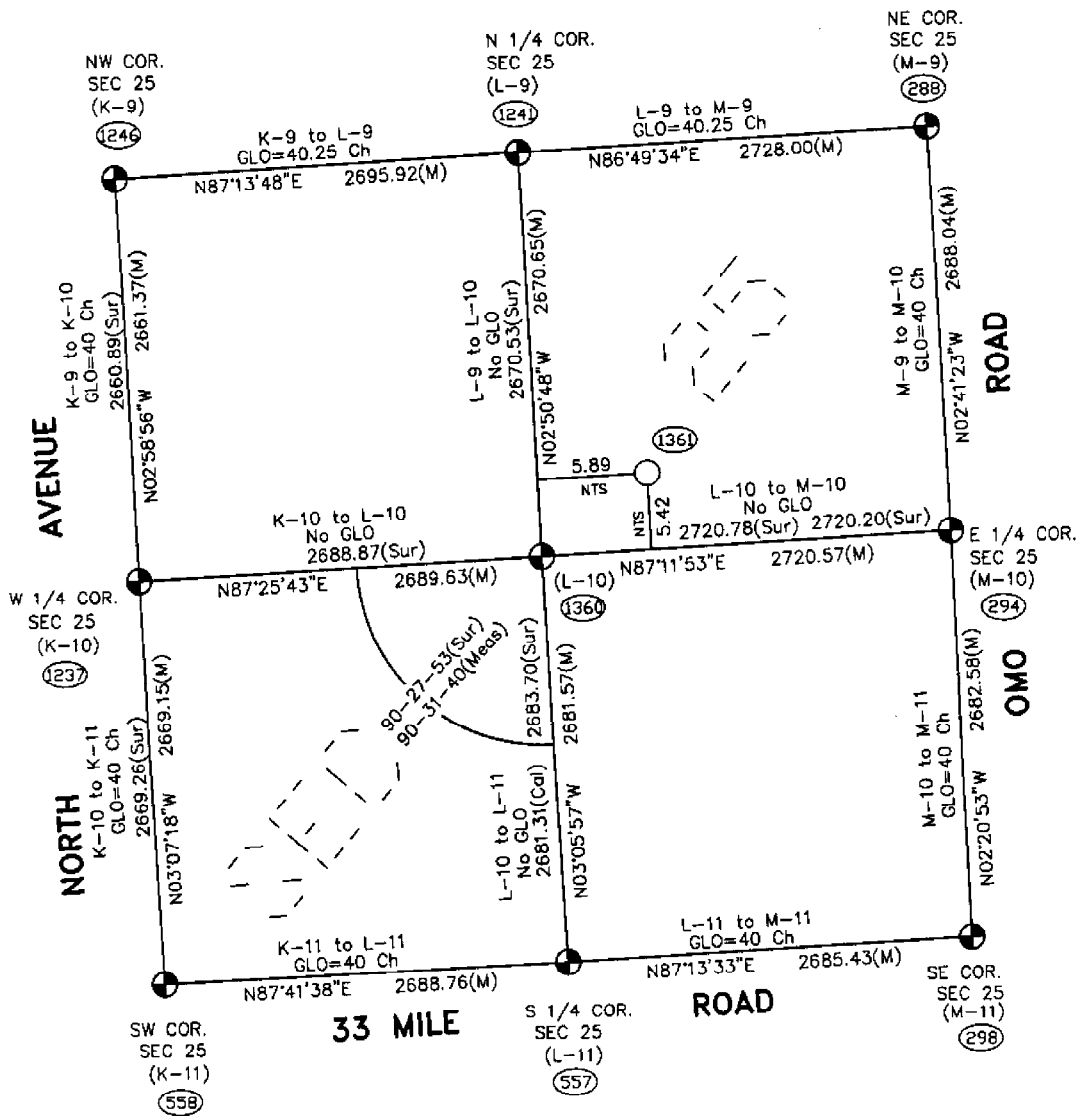
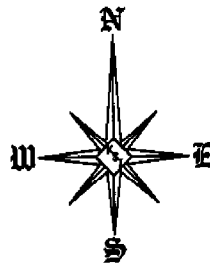
KOBS LAND SURVEYING

1825 BREWER ROAD

ROMEO, MICHIGAN

762-2700





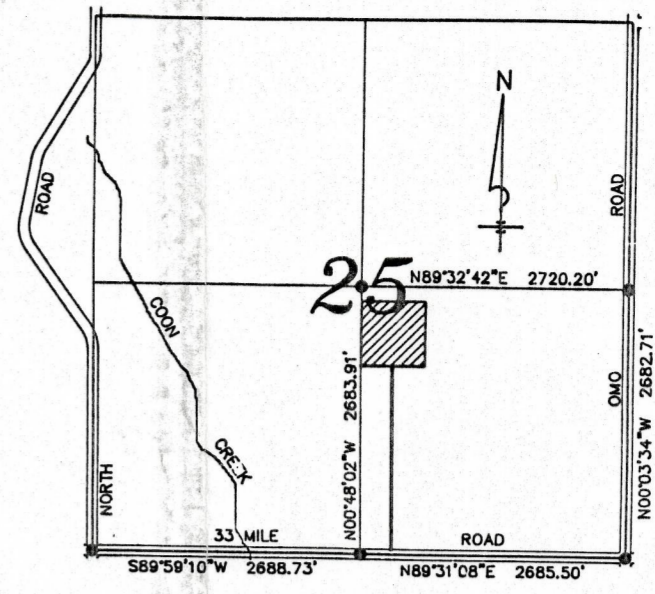
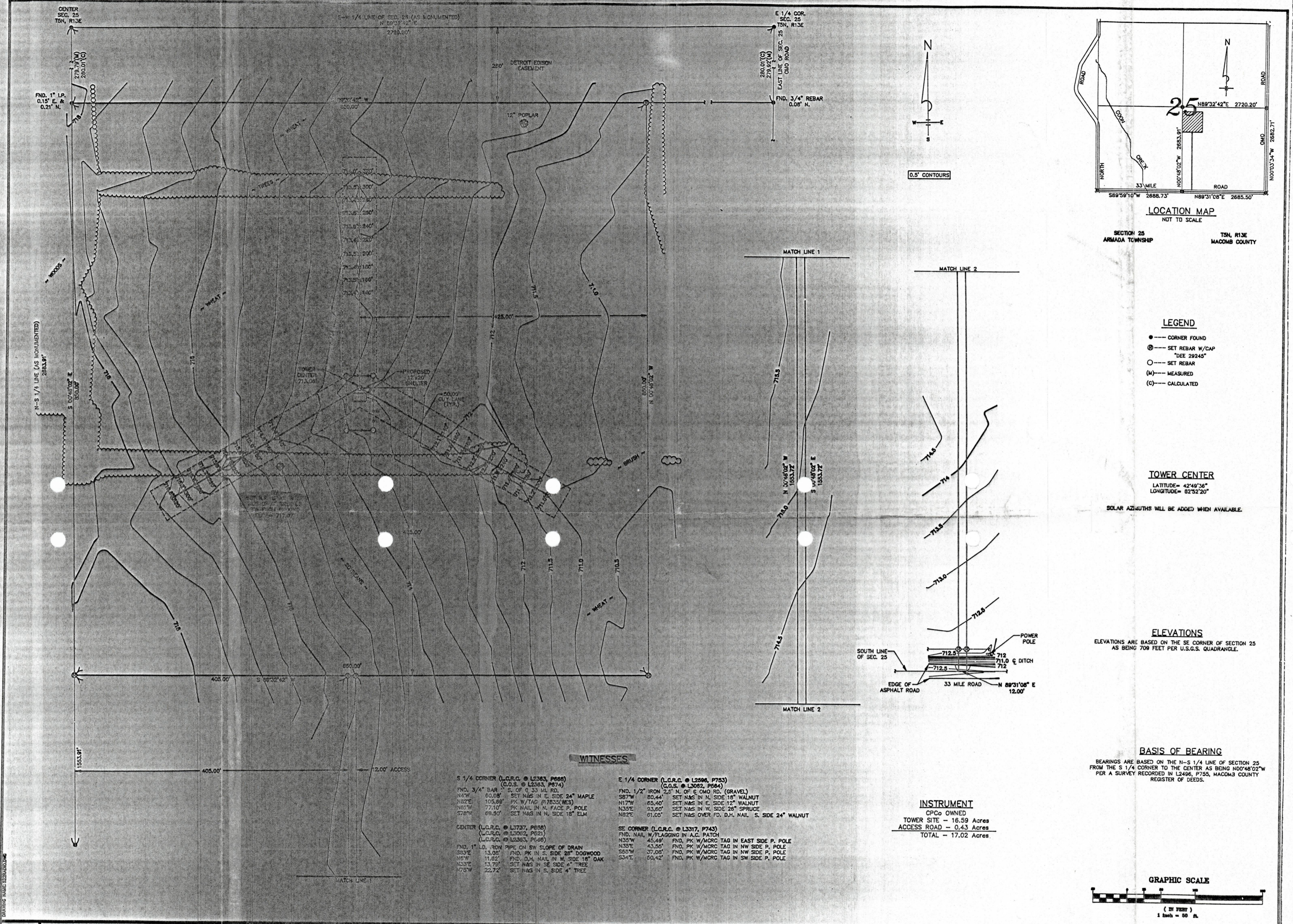
Theoretical Center of Section is at the intersection of the theoretical lines between the 1/4 corners. (1361)

Center of Section as established per Recorded Survey. (1360)

L-10 (As established) to the Theoretical Center of Section N44°32'42"E 8.01'

NTS = Not to Scale

SECTION 25, T5N, R13E
ARMADA TOWNSHIP (L-10)



SECTION 25
ARMADA TOWNSHIP
MACOMB COUNTY

LEGEND

- --- CORNER FOUND
- ⊙ --- SET REBAR W/CAP "DEE 29245"
- --- SET REBAR
- (M) --- MEASURED
- (C) --- CALCULATED

TOWER CENTER

LATITUDE = 42°40'34"
LONGITUDE = 82°52'20"

SOLAR AZIMUTHS WILL BE ADDED WHEN AVAILABLE.

ELEVATIONS

ELEVATIONS ARE BASED ON THE SE CORNER OF SECTION 25 AS BEING 709 FEET PER U.S.G.S. QUADRANGLE.

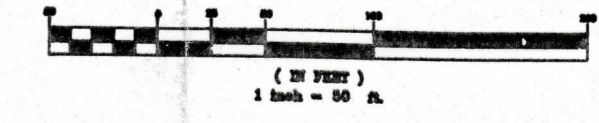
BASIS OF BEARING

BEARINGS ARE BASED ON THE N-S 1/4 LINE OF SECTION 25 FROM THE S 1/4 CORNER TO THE CENTER AS BEING N00°48'02"W PER A SURVEY RECORDED IN L2496, P755, MACOMB COUNTY REGISTER OF DEEDS.

INSTRUMENT

CPCo OWNED
TOWER SITE - 16.59 Acres
ACCESS ROAD - 0.43 Acres
TOTAL - 17.02 Acres

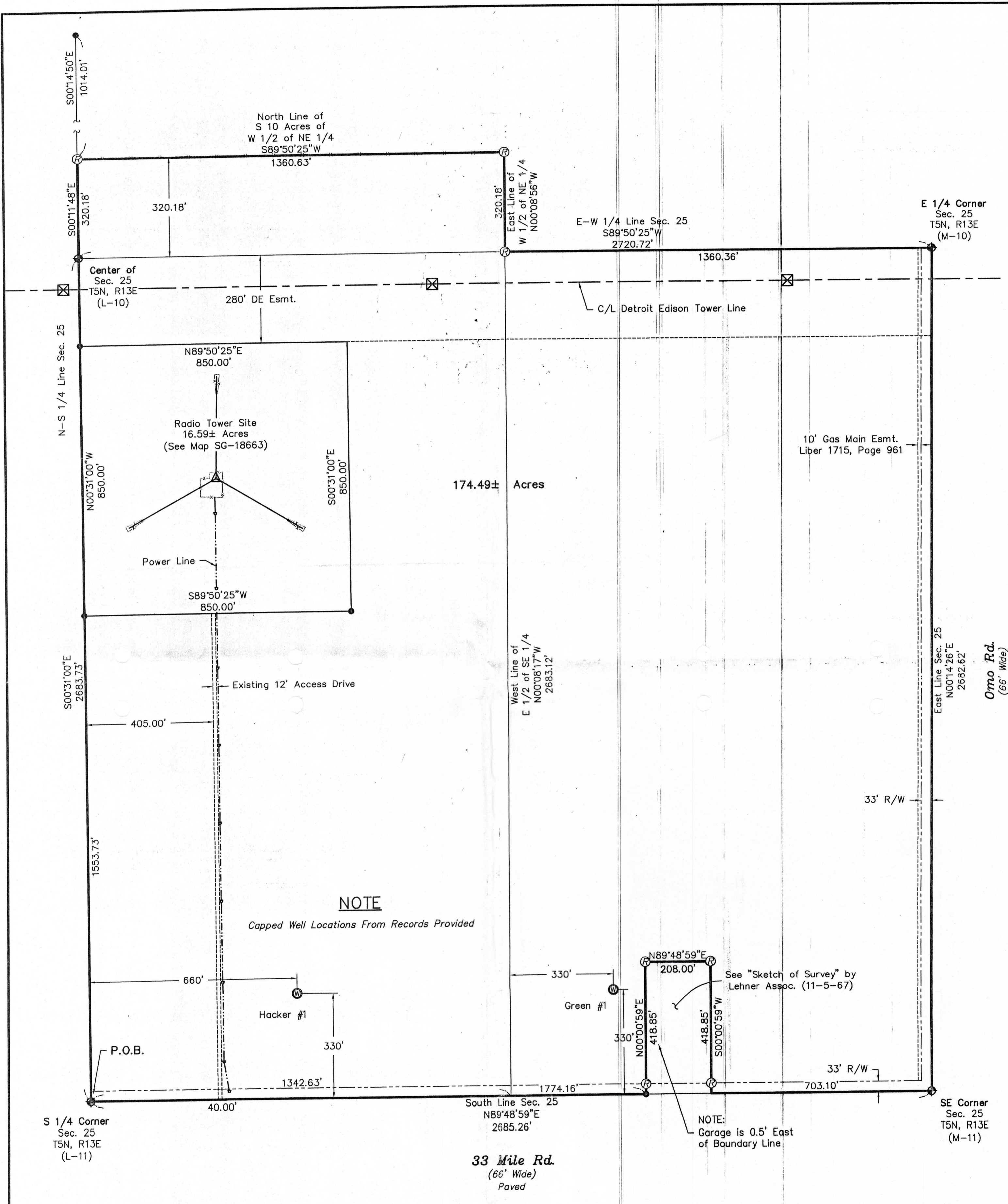
GRAPHIC SCALE



WITNESSES

- | | |
|--|---|
| S 1/4 CORNER (L.C.R.C. @ L2383, P688)
(C.O.S. @ L2383, P874) | E 1/4 CORNER (L.C.R.C. @ L2596, P753)
(C.O.S. @ L2596, P864) |
| FND. 3/4" BAR S.E. OF 0.33 MI. RD.
N44°W 60.08' SET NAGS IN E. SIDE 24" MAPLE
N82°E 105.89' PK W/TAG (R1835) MES
N61°W 77.01' PK WALL IN N. FACE P. POLE
S78°W 69.80' SET NAGS IN N. SIDE 18" ELM | FND. 1/2" IRON 2.5' N. OF 0.33 MI. RD. (GRAVEL)
S87°W 60.44' SET NAGS IN N. SIDE 18" WALNUT
N17°W 65.40' SET NAGS IN E. SIDE 12" WALNUT
N35°E 83.60' SET NAGS IN W. SIDE 28" SPRUCE
N82°E 61.05' SET NAGS OVER FD. D.H. NAIL S. SIDE 24" WALNUT |
| CENTER (L.C.R.C. @ L3787, P658)
(L.C.R.C. @ L2082, P621)
(L.C.R.C. @ L2383, P688) | SE CORNER (L.C.R.C. @ L3317, P743)
FND. WALL W/FLAGGING IN A.C. PATCH |
| FND. 1" I.D. IRON PIPE ON SW SLOPE OF DRAIN
S51°E 13.05' FND. PK IN S. SIDE 8" DOGWOOD
N5°W 11.82' FND. D.H. NAIL IN W. SIDE 18" OAK
N35°E 13.20' SET NAGS IN SE SIDE " TREE
N70°W 22.74' SET NAGS IN S. SIDE " TREE | FND. PK W/MCRC TAG IN EAST SIDE P. POLE
N35°W 45.49' FND. PK W/MCRC TAG IN NW SIDE P. POLE
N35°E 43.55' FND. PK W/MCRC TAG IN NW SIDE P. POLE
S50°W 37.00' FND. PK W/MCRC TAG IN NW SIDE P. POLE
S34°E 60.42' FND. PK W/MCRC TAG IN SW SIDE P. POLE |

FIELD BOOK NO. 1564	REFERENCE DRAWINGS	REV. DATE	DESCRIPTION	BY APP. REV. DATE	DESCRIPTION	BY APP. REV. DATE	DESCRIPTION
				CONSUMERS POWER COMPANY JACKSON, MICHIGAN SHERIDAN SURVEYING COMPANY 4828 PAGE AV. MICHIGAN CENTER, MICHIGAN 48254		ARMADA RADIO SITE SECTION 25 ARMADA TOWNSHIP MACOMB COUNTY SCALE: 1"=30' JOB: SG-18663	



Parcel Description:

A parcel of land in the East 1/2 of Section 25, Township 5 North, Range 13 East, Armada Township, Macomb County, Michigan, more particularly described as:

Beginning at the South 1/4 Corner of said Section 25; thence N89°48'59"E along the South Line of said section, 1774.16 feet; thence N00°00'59"E 418.85 feet; thence N89°48'59"E 208.00 feet; thence S00°00'59"W 418.85 feet to said South Line; thence N89°48'59"E along said South Line, 703.10 feet to the Southeast Corner of said section; thence N00°14'26"E along the East Line of said section, 2682.62 feet to the East 1/4 Corner of said section; thence S89°50'25"W along the East-West 1/4 Line of said section, 1360.36 feet; thence N00°08'56"W along the East Line of the West 1/2 of the Northeast 1/4 of said section, 320.18 feet; thence S89°50'25"W along the North Line of the South 10 acres of said West 1/2 of Northeast 1/4, 1360.63 feet to the North-South 1/4 Line of said section; thence S00°11'48"E along said North-South 1/4 Line, 320.18 feet to the Center of said section; thence S00°31'00"E continuing along said North-South 1/4 Line, 2683.73 feet to the Point of Beginning of this description. Containing 174.49 acres, more or less.

Said parcel subject to the rights of the public to 33 Mile and Ormo Roads. Also to all easements and restrictions, if any.

Witnesses:

N 1/4 Corner Sec. 25, T5N, R13E (L-9) recorded in Liber 7699, Page 69.
 Iron with cap #30103.
 N45°E, 12.87' - Nail, E side Oak
 S10°E, 17.19' - Nail, E side 12" Oak
 S60°E, 32.73' - Nail, N side 15" Oak
 N90°W, 23.10' - Nail, N side double Oak

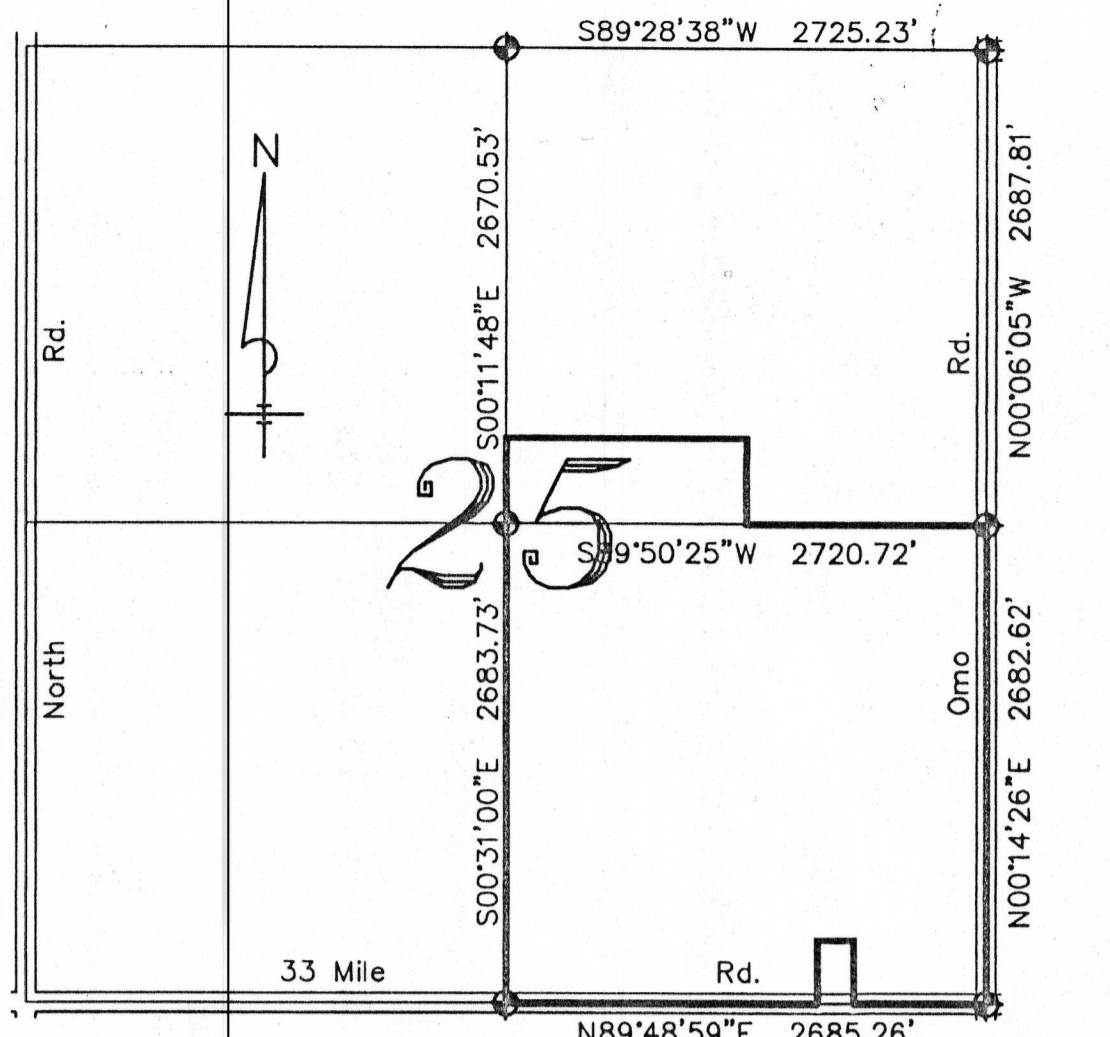
Center Sec. 25, T5N, R13E (L-10) recorded in Liber 6212, Page 442.
 Found 1" pipe.
 S83°E, 13.08' - Found nail, S side 28" Dogwood
 N08°W, 11.62' - Found nail, W side 18" Oak
 N33°E, 13.79' - Found nail & shiner, SE side 4" tree
 N75°E, 22.72' - Found nail & shiner, S side 4" tree

S 1/4 Corner Sec. 25, T5N, R13E (M-10) recorded in Liber 6212, Page 442.
 Found 3/4" bar.
 N04°W, 60.08' - Found nail & shiner, E side 24" Maple
 N82°E, 105.69' - Found nail & tag #17835, S side utility pole
 N61°W, 77.10' - Found nail, N side utility pole
 S78°W, 69.50' - Found nail & shiner, N side 18" Elm

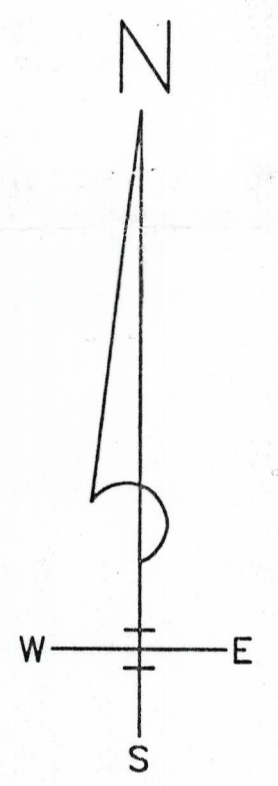
NE Corner Sec. 25, T5N, R13E (M-9) recorded in Liber 9748, Page 277.
 Found Macomb County Monument, PS #17623.
 N09°W, 135.41' - Found nail & washer, NE side utility pole
 S56°W, 23.14' - Found nail & washer, SE side utility pole
 N50°E, 50.36' - Found nail & washer, NW side 28" Cottonwood
 S62°E, 36.56' - Found nail & washer, NE side 15" Cottonwood

E 1/4 Corner Sec. 25, T5N, R13E (M-10) recorded in Liber 9748, Page 284.
 Found Macomb County Monument, PS #17623.
 N21°W, 65.64' - Found nail & washer, NE side 11" Walnut
 N30°E, 84.27' - Found nail & washer, NW side 27" Pine
 N79°E, 61.13' - Found nail & washer, S side 24" Walnut
 N85°W, 24.90' - Found nail & washer, S side 13" Walnut

SE Corner Sec. 25, T5N, R13E (M-10) recorded in Liber 9748, Page 284.
 Found Macomb County Monument, PS #17623.
 N37°E, 43.45' - Found nail & washer, NW side utility pole
 N40°W, 45.90' - Found nail & washer, SW side utility pole
 S47°W, 36.93' - Found nail & washer, SE side utility pole
 S36°E, 50.50' - Found nail & washer, SW side utility pole



LOCATION MAP
NOT TO SCALE



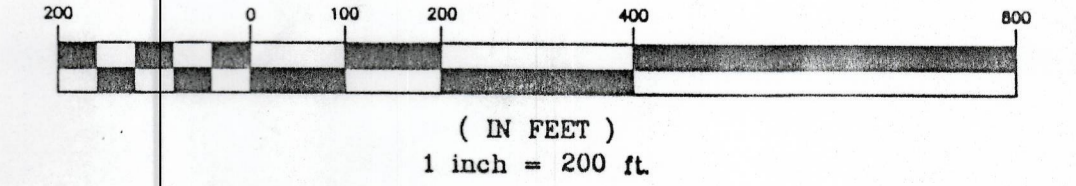
BASIS OF BEARING

The E-W 1/4 Line of Sec. 25 from the E 1/4 Corner to the Center as being S89°50'25"W per Survey Recorded in Liber 3062, Page 564

LEGEND

- ◆ -- Section Corner
- -- Found Iron
- ⊗ -- Set Rebar W/ Cap "DEE 29245"
- ⊙ -- Approx. Well Site per Consumers Energy
- - - Fence

GRAPHIC SCALE



SG-18663	Sh. 1, Armada Radio Site					DR. R.S. Treloar	DATE 6-1-01		Ray Compressor Site Sec. 25 Armada Twp. Macomb Sale #170 T5N, R13E Macomb County
						CK.			
	Field Book #1653							SHERIDAN SURVEYING COMPANY 4629 PAGE AVENUE MICHIGAN CENTER, MICHIGAN 48254	SCALE: 1" = 200' SSC FILE NAME: 2254sf.DWG ConEn FILE NAME: 19416001.DWG
DRAWING NO.	REFERENCE DRAWINGS			REV. DATE	DESCRIPTION	BY	APP.		