

**-MACOMB COUNTY 2018 REMONUMENTATION GRANT
PROGRAM FOR CLINTON TOWNSHIP
M-02**

Section One

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

Section Two

Surveyor's Report

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4-5. GLO Map Clinton Township 1817 (2 pages)

6. GLO Map Clinton Township 1818

7. Map of Clinton Township – 1875

8. Map of Clinton Township – 1895

9. Map of Clinton Township – 1916

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11. Macomb County Composite Map 11-01D

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Section Four

1. GLO Notes, Pages 244 & 245, page one of one

2. 1989-"MAPLEHURST SUBDIVISION", Liber 89, pages 31-34, Sheets one, two, three and four of four

3. 1990-"EAST POINTE INDUSTRIAL SUBDIVISION", Liber 92, pages 31-34, Sheets one, two, three and four of four

4. 1993-Land Corner Recordation Certificate, Liber 06166, page 049, Page one of one

5. 2004-"AMENDED PLAT OF LOT 9 OF EAST POINTE INDUSTRIAL SUBDIVISION", Liber 157, pages 16-17, Sheets one and two of two

6. Sketch prepared by Steven E. Dunn, PS #28408, page one and two of two

7. 2017-Land Corner Recordation Certificate, Liber 25117, pages 451-454, Pages one, two, three and four of four



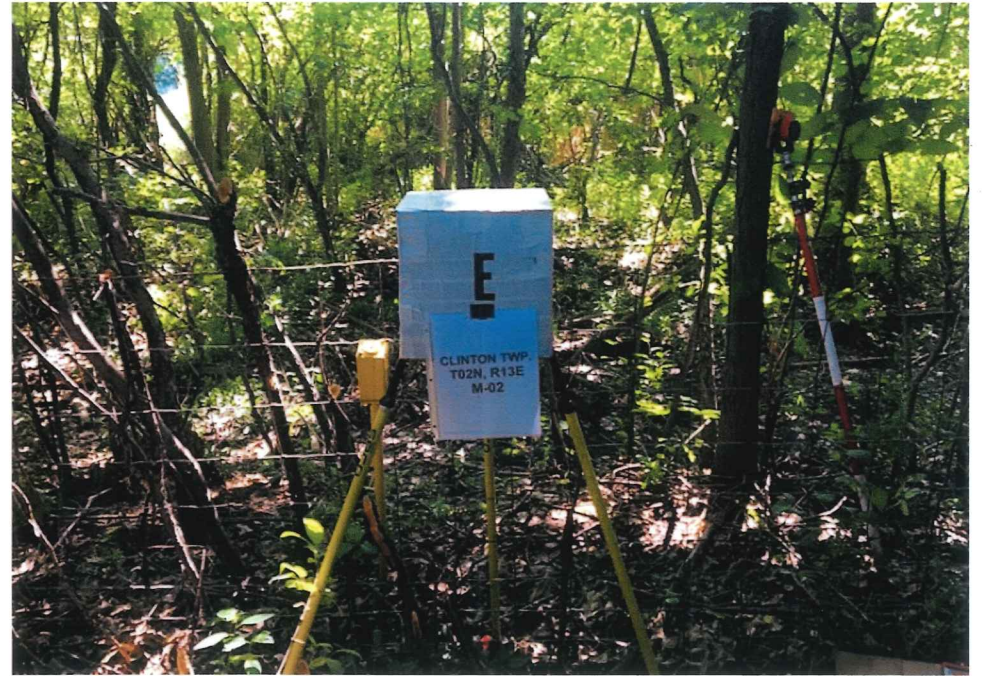
CLINTON TWP.
T02N, R13E
M-02

HARRISON
TWP.
T02N, R14E
A-02





CLINTON TWP.
T02N, R13E
M-02



**Land Corner Recordation Certificate
 2018 Annual Grant Agreement**
 Authority: MICH. 1970 PA 74, MCL 54.205

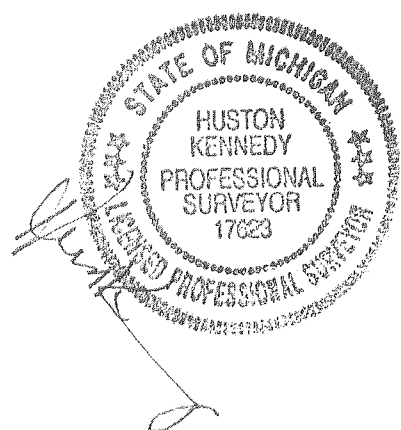
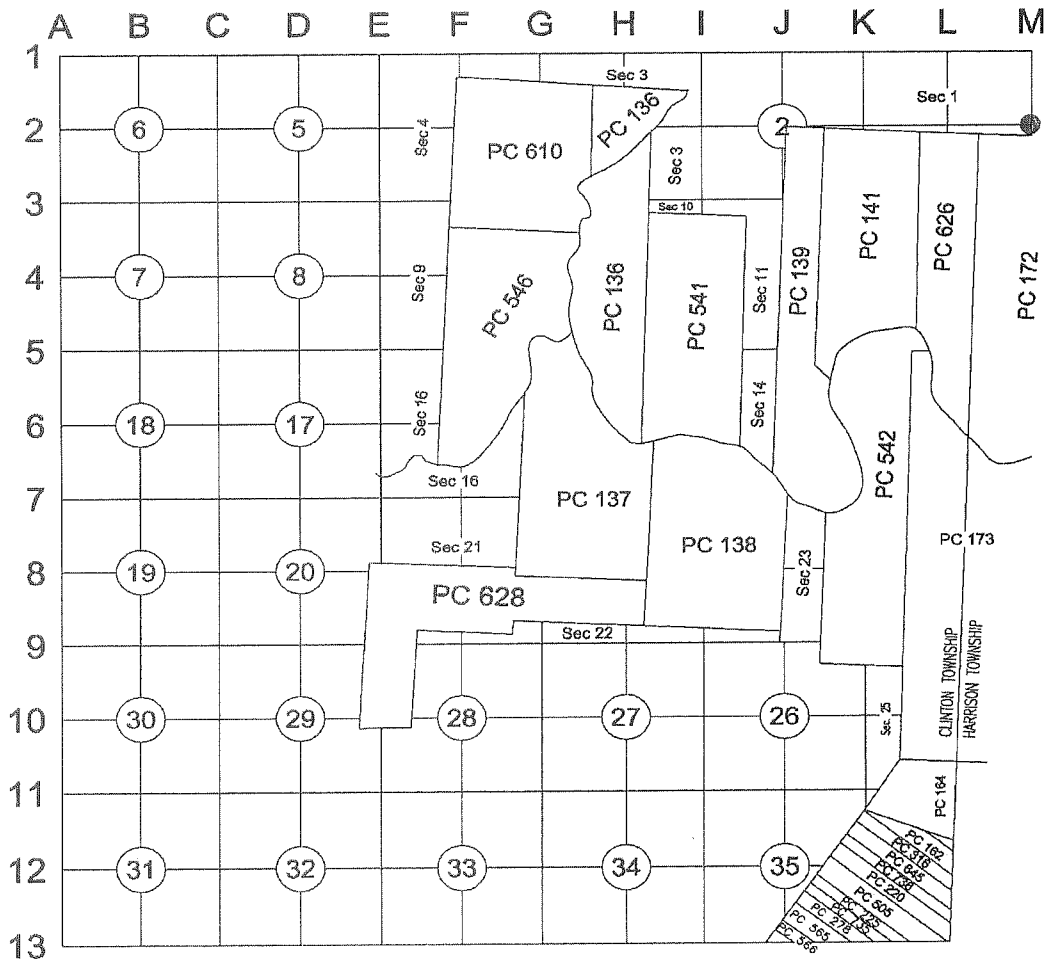
Surveyor's Name: Huston K. Kennedy
 For Corner(s) in: Macomb County

Field Survey Date: July 17, 2018
 Municipality: Clinton Township
 Harrison Township

Corner Type	Section Private Claim	Survey Township		Corner Code	Other Code
Original Public Land	Sec. 1	T 02 N	R 13 E	M-02	
Survey Corner	Sec. 6	T <u>02</u> N	R <u>14</u> E	<u>A-02</u>	

Other Code Corner Description: M-02, Town 02 North, Range 13 East, Clinton Township is a common corner with A-02, Town 02 North, Range 14 East,

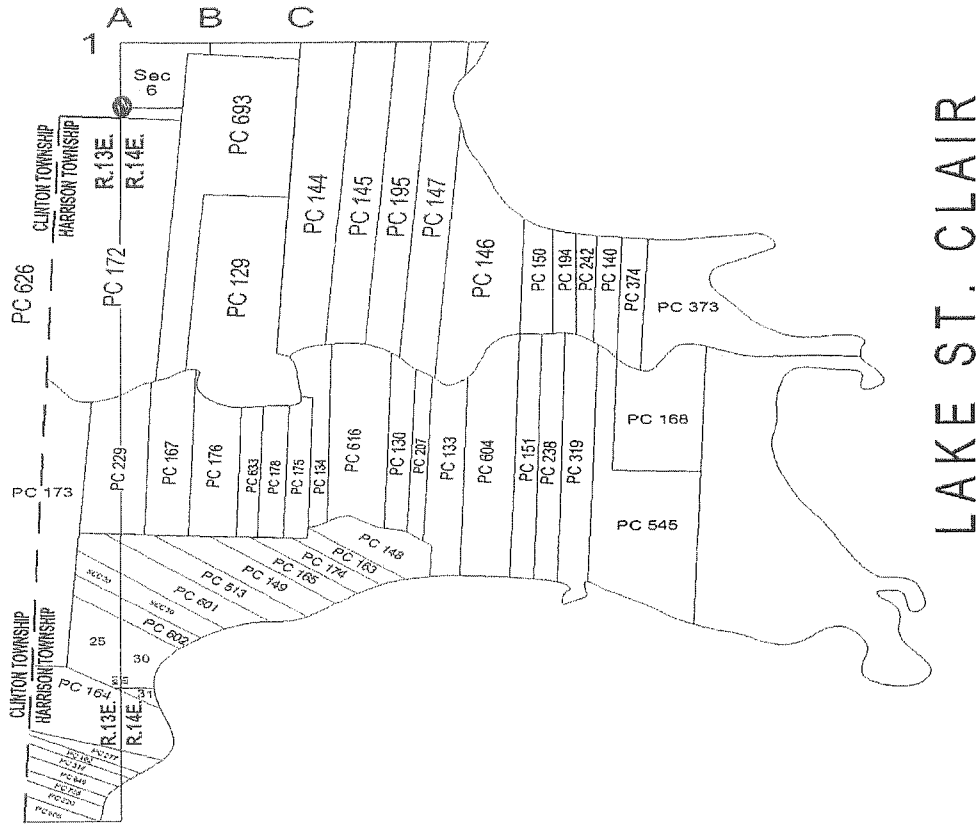
CLINTON TOWNSHIP T02N R13E



ST

C

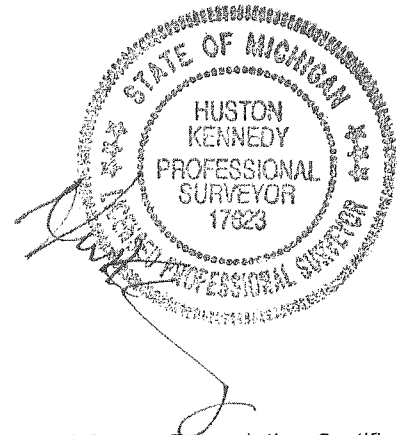
HARRISON TOWNSHIP T02N, R14E



LAKE ST. CLAIR

Part A: Corner History:

- 1.) 1818 – W. Preston, D.S. 12" Elm S15°W 23 Links; 12" Lynn N7°W 21 Links
- 2.) 1989 – "MAPLEHURST SUBDIVISION", a plat recorded in Liber 89 of Plats, on page 31-34. Depicts the intersection of the east line of fractional Section 1 and the north line of Private Claim #172, also states the southeast corner of fractional Section 1.
- 3.) 1990 – "EAST POINTE INDUSTRIAL SUBDIVISION" a plat recorded in Liber 92 of Plats, on pages 47-50. Depicts the intersection of the east line of fractional Section 1 and the north line of Private Claim #172
- 4.) 1993-Money, PS #30092; LCRC L. 06166, pg. 049 – Set a ¾" bar Macomb County Remonumentation Marker #30082
- 5.) 2004 – "AMENDED LAT OF LOT 9 OF EAST POINTE INDUSTRIAL SUBDIVISION" a plat recorded in Liber 157 of Plats, on pages 16-17. Depicts the intersection of the east and south line of fractional Section 1 and the north line of Private Claim #172, Town 02 North, Range 13 East, LCRC recorded in Liber 5003, page 185
- 6.) 2004 – Sketch prepared by Steven E. Dunn, PS #28408, based upon a survey of Selfridge Air Force Base property
- 7.) 2017 – Kennedy, PS #17623; LCRC L. 25117, pgs. 451-454 – Set a 4" diameter concrete monument with a ½" iron rod and placed a 2" diameter brass cap stamped "Macomb County Monument, MI Act #345, PS #17623 (OC-059)



Land Corner Recordation Certificate
 T 02 N R 13 E Code M-02
 T 02 N R 14 E Code A-02
 Page 2 of 5

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

The Center of Section 1 has not been perpetuated, and I did not receive or recover any recorded or unrecorded LCRC's or surveys for this corner as of August 17, 2018.

I am treating this corner as a lost corner using the government instructions to recover the corner by prorating GLO distance to the measured distance between the northeast corner (M-01) and southeast corner (OC-059) to calculate the distance between the East ¼ corner and the northeast corner.

The corner falls 0.4' west of a 4-foot high steel woven fence extending to the north & south, 8.5 feet east of a 6-foot high chain link fence extending to the north & south. Also 12 feet east to the centerline of a drainage ditch extending to the north & south. I therefore, recommend to the Macomb County Peer Group that they accept this location as the best evidence of the East ¼ corner of fractional Section 1 (M-02) to be perpetuated. This corner is a common corner with the West ¼ fractional Section 6, Town 2 North, Range 14 East, Harrison Township.

RECORDED, UNRECORDED AND FIELD MEASUREMENTS BETWEEN ADJACENT CORNERS

M-02 to M-01

GLO = 40 chains or 2640.00 Ft.
N02°57'43" W 2734.80 Ft. (mea. 2018)

M-02 to OC-059

GLO = 6.95 chains or 458.70 Ft.
S02°57'43" E 474.77 Ft.

M-02 to OC-071

GLO = 6.95 chains or 458.70 Ft.
S02°57'43" E 424.34 Ft. (mea. 2018)

M-02 to L-02

No GLO
S87°40'55" W 2271.55 Ft. (mea. 2018)

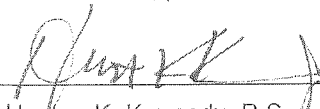
Part C: Field Evidence of Perpetuation or Monumentation of Corner:

M-02 I set a 4" diameter x 36" long concrete monument with a ½" iron rod and a 2" diameter aluminum cap stamped "Macomb County Monument, MI Act #345, PS #17623" (M-02 & A-02)

Accessories:

- N55°W 9.62' West face 3" steel fence post
- S65°W 9.61' West face 3" steel fence post
- N15°E 21.05' Set Mag Nail w/washer stamped "Macomb County Witness Tag" SE face twin 17" Poplar
- S53°E 26.26' Set Mag Nail w/washer stamped "Macomb County Witness Tag" North face 15" Oak
- S02°E 15.77' Set Mag Nail w/washer stamped "Macomb County Witness Tag" East face 16" Oak

I, Huston K. Kennedy, P.S., in a field survey on July 17, 2018 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.



Huston K. Kennedy, P.S.

September 12, 2018

Date

Professional Surveyor's License No.:17623

Prepared By:
Huston K. Kennedy, PS
105 North Washington Street
Oxford, Michigan 48371



						Land Corner Recordation Certificate	
T	<u>02</u>	N	R	<u>13</u>	E	Code	<u>M-02</u>
T	<u>02</u>	N	R	<u>14</u>	E	Code	<u>A-02</u>

Geodetic Coordinate Data for corner

Corner Code and Narrative Description: M-02, T02N, R13E

Date of Observation	Latitude	Longitude	Datum and Adjustment Year	Epoch Date
03 August 2018	N42°37'21.374110"	W-82°51'21.260688"	NAD83 (2011)	2010.0000

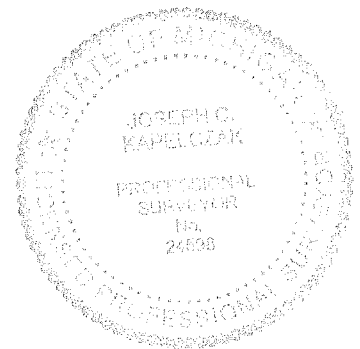
Method for Latitude-Longitude determination: Dual Frequency Static Observations constraining to the CORS stations of Auburn Hills (AJ5557), Livonia (DK7841) and Brighton (AJ5553), with 3 dimensional least square adjustment.

Disclaimer on accuracy of values reported relative to their use: 1' ±.

State Plane Coordinates in international feet: N-412754.75 E-13529931.96
 Standard Deviation: N-0.06 E-0.07
 Zone South
 Combined Factor: 0.99989
 NGSPID: = Washington Station (DH 9019)
 Survey Method: GPS C2-11
 Orthometric Height: 587.03
 Elev. Datum: NAVD 88

I, Joseph C. Kapelczak, state under the requirements of the State Survey and Remonumentation Act, 1990 PA 345, MCL 54.261 to 54.279, that the Latitude and Longitude reported hereon were observed by me for the corner identified hereon and that the data reported meets the requirements prescribed for the State Survey and Remonumentation Program.

Joseph C. Kapelczak _____ 9/12/2018 _____
 Joseph C. Kapelczak, PS Date



Professional Surveyor's License No.: 24598
 JCK Group, Inc.
 8615 Richardson Road
 Suite 100
 Commerce Township, MI 48390

I, Martin C. Dunn, state that the corner identified and described hereon and perpetuated or monumented as described in Parts A, B, and C above was presented to and reviewed by the Peer Review Group on September 11, 2018 and is accepted for filing in the Macomb County Remonumentation Program.

Martin C. Dunn _____ 12-13-2018 _____
 Martin C. Dunn, P.S. Date

Macomb County Surveyor Representative
 License No. 30081

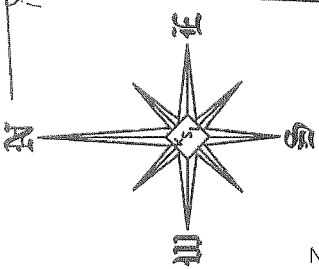
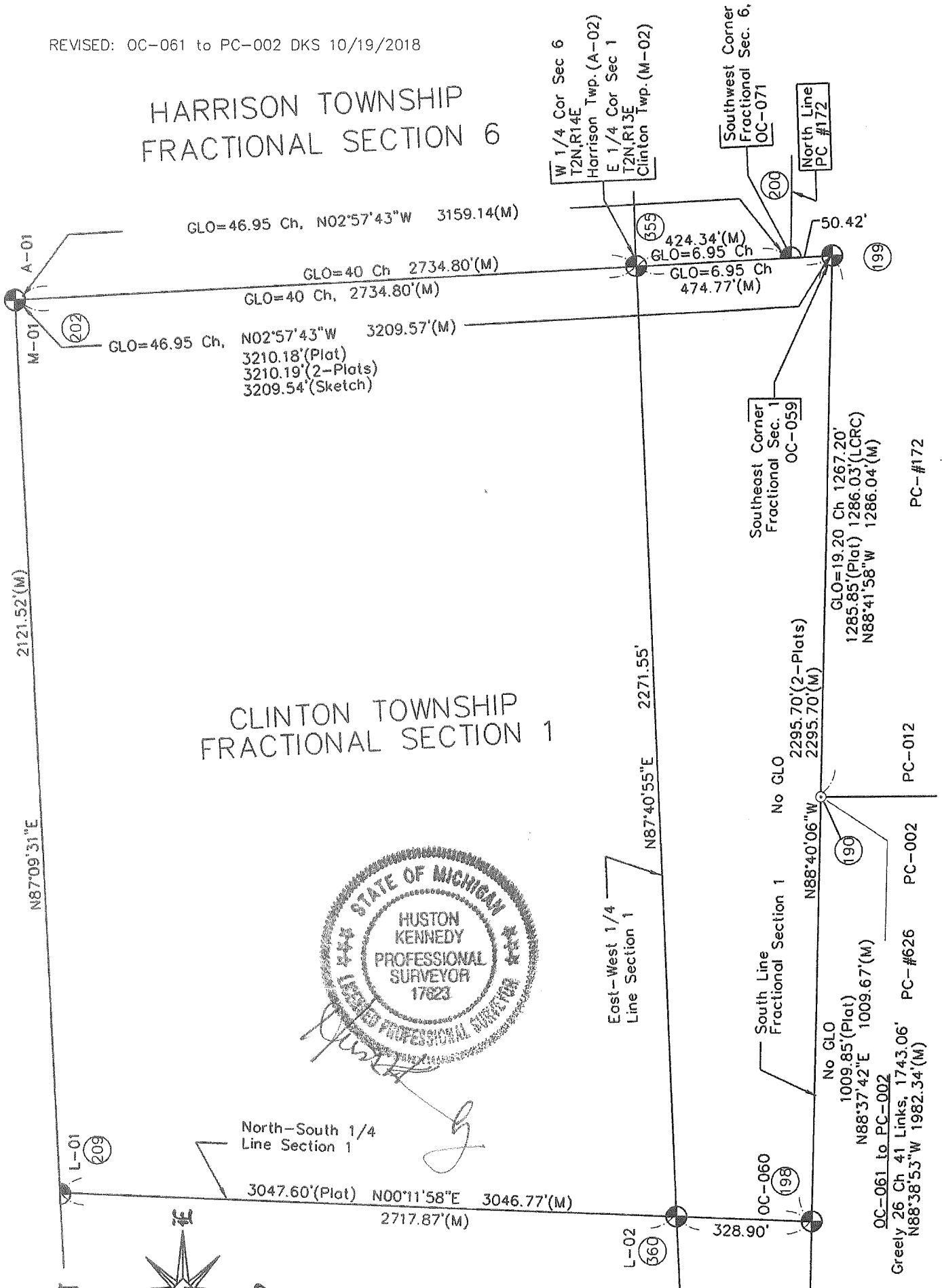
SKETCH OF CORNER LOCATION

REVISED: OC-061 to PC-002 DKS 10/19/2018

HARRISON TOWNSHIP
FRACTIONAL SECTION 6

CLINTON TOWNSHIP
FRACTIONAL SECTION 1

HALL ROAD



Scale
Not To Scale

T	02	N	R	13	E	Code	M-02
T	02	N	R	14	E	Code	A-02

Land Corner Recordation Certificate

**2018
MACOMB COUNTY REMONUMENTATION
GRANT PROGRAM FOR
CLINTON TOWNSHIP
Research Dossier
M-02**

Prepared by:
Kennedy Surveying, Inc.
105 North Washington Street
Oxford, Michigan 48371

**Sources of Information Researched
For Macomb County 2018 Remonumentation Grant Program
for the City of Mt. Clemens & Clinton 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) Fenn & Associates Surveying, Inc.
- f). George Jerome & Company
- g) Grant Ward Surveyors
- h) Great Lakes Geomatics
- i) James Land Surveying
- j) Kem-Tec & Associates
- k) Kieft Engineering, Inc.
- l) Lehner Associates, Inc.
- m).Milletics & Associates
- n) R. A. Duthler Land Surveyor, LLC
- o) Reichert Surveying
- p) R. J. Donnelly & Assciates
- q) Road Commission for Macomb County
- r) Rowe Professional Services
- s) Spalding, DeDecker & Associates
- t) Urban Land Consultants, LLC

M-02 TOWN 02 NORTH, RANGE 13 EAST, CLINTON TOWNSHIP

The East ¼ corner of fractional Section 1, Town 02 North, Range 13 East.

GLO NOTES

1818 – W. Preston, D.S., surveyed and divided the township into sections and setting a post at the East ¼ corner of Section 1. 12" Elm S15°W23 Links; 12" Lynn N7°W 21 links.

EXISTING FIELD CONDITIONS

The corner falls 0.4' west of a 4-foot high steel woven fence extending to the north & south, 8.5 feet east of a 6-foot high chain link fence extending to the north & south. Also 12 feet east to the centerline of a drainage ditch extending to the north & south. This corner is a common corner with the West ¼ corner of fractional Section 6, Town 02 North, Range 13 East, Harrison Township.

RECORDED AND UNRECORDED INFORMATION USED TO RECOVER AND VERIFY THE LOCATION OF OC-059

December 13, 1989 – "MAPLEHURST SUBDIVISION" a plat recorded in Liber 89 of Plats, on pages 31-34 of Macomb County Records. Depicts the intersection of the east line of fractional Section 1 and the north line of Private Claim #172, also states the southeast corner of fractional Section 1.

December 13, 1990 – "EAST POINTE INDUSTRIAL SUBDIVISION" a plat recorded in Liber 92 of Plats, on pages 47-50 of Macomb County Records. Depicts the intersection of the east line of fractional Section 1 and the north line of Private Claim #172.

December 28, 1993 – Shelby W. Money, PS #30092 recorded an LCRC in Liber 06166, page 049 of Macomb County Records. He set a ¾" bar Macomb County Remonumentation Marker #30092. (NE corner of fractional Section 1, M-01).

August 3, 2004 – "AMENDED PLAT OF LOT 9 OF EAST POINTE INDUSTRIAL SUBDIVISION" a plat recorded in Liber 157 of Plats, on pages 16-17 Macomb County Records. Depicts the intersection of the east and south line of fractional Section 1 and the north line of Private Claim #172, Town 02 North, Range 13 East, LCRC recorded in Liber 5003, page 185 of Macomb County Records.

May 26, 2004 - Sketch prepared by Steven E. Dunn, PS #28408, based upon a survey of Selfridge Air Force Base property.

December 14, 2017 – Huston K. Kennedy, PS #17623 recorded a LCRC in Liber 25117, pages 451-454 of Macomb County Records. He set a 4" diameter concrete monument with a ½" iron rod and placed a 2" diameter brass cap stamped "Macomb County Monument, MI Act #345, PS #17623 (OC-059).

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M-02 to M-01

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M-02 to OC-059

GLO = 6.95 chains or 458.70 Ft.
S02°57'43" E 474.77 Ft.

M-02 to OC-071

GLO = 6.95 chains or 458.70 Ft.
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M-02 to L-02

No GLO

S87°40'55" W 2271.55 Ft. (mea. 2018)

SURVEYOR'S RECOMMENDATION

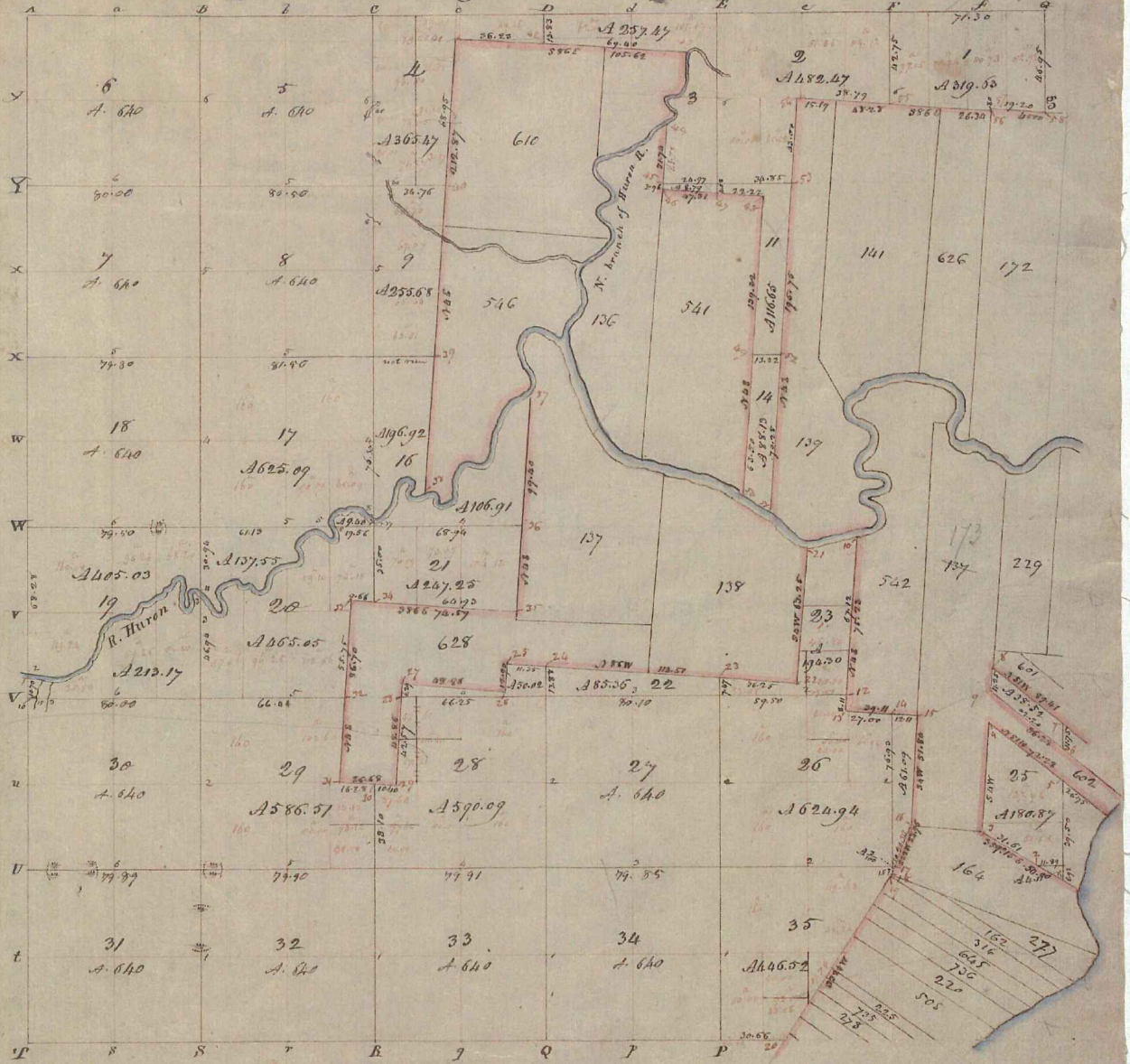
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Huston K. Kennedy, PS
Kennedy Surveying, Inc.

2018
MACOMB COUNTY REMONUMENTATION
GRANT PROGRAM CLINTON TOWNSHIP
M-02

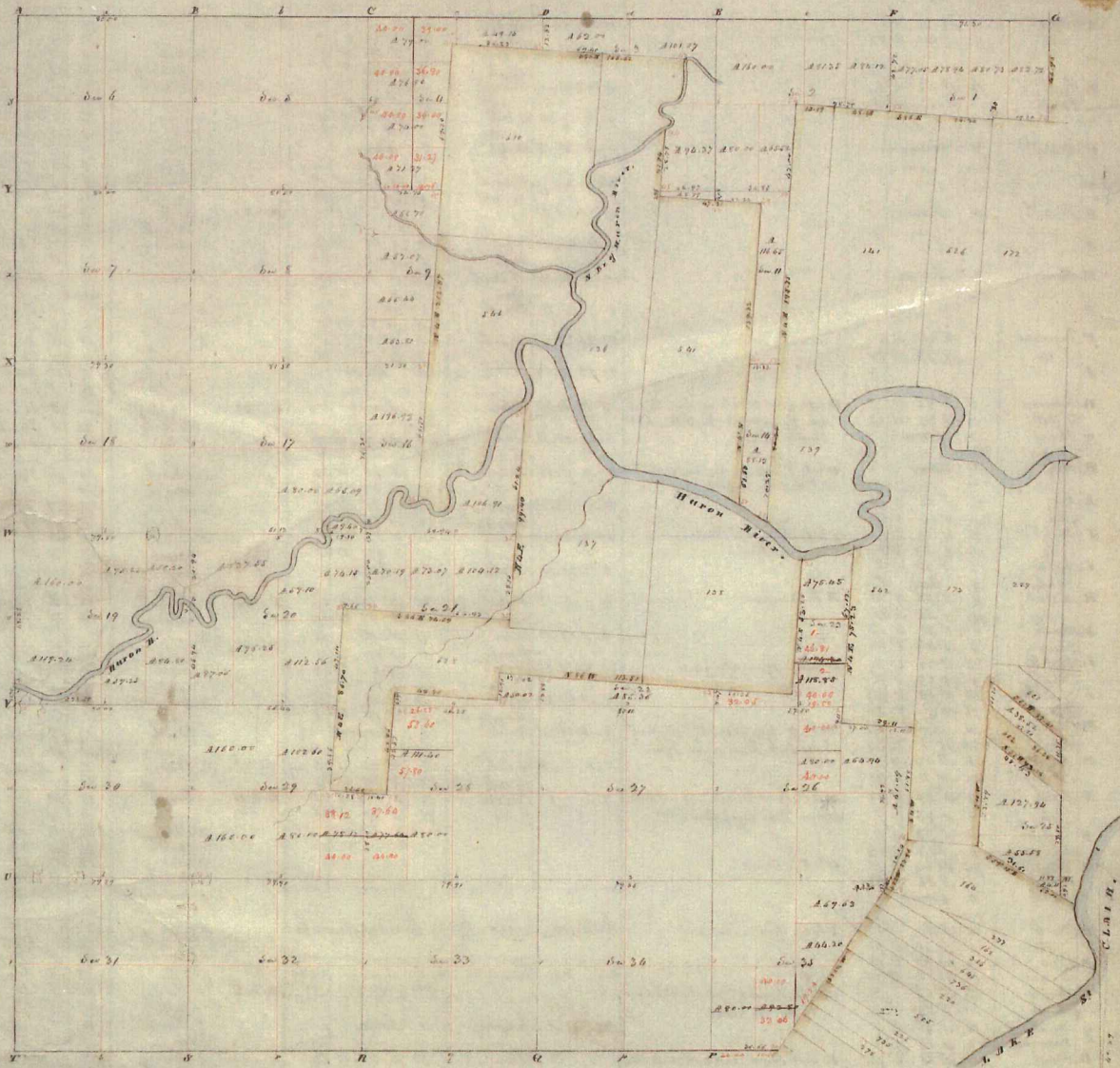
Township N. 12 North, Range N. XIII East of Mer. (Mich. Ter.)



A true Copy from the Original on file in this Office dated Dec 14, 1902, 99
 Quantity exclusive of private claims
 Surveyor General's Office
 35.67 70th 1918

Richard Tiffin
 Surveyor General

POOR COPY



Township N. 12 North, Range N. 13 East of Mer. (Mich. Ter.)

Surveyed by Wm. Preston, 1857

Description of the soil on the interior sectional lines

Section	Quality of Soil	Section	Quality of Soil
1	1/2 dry loam, 1/2 oak, 1/2 blk. loam, 1/2 pine	29	1/2 dry loam, 1/2 oak, 1/2 blk. loam, 1/2 pine
6	1/2 oak, 1/2 blk. loam, 1/2 pine	19	1/2 oak, 1/2 blk. loam, 1/2 pine
7	1/2 oak, 1/2 blk. loam, 1/2 pine	18	1/2 oak, 1/2 blk. loam, 1/2 pine
8	1/2 oak, 1/2 blk. loam, 1/2 pine	17	1/2 oak, 1/2 blk. loam, 1/2 pine
13	1/2 oak, 1/2 blk. loam, 1/2 pine	16	1/2 oak, 1/2 blk. loam, 1/2 pine
14	1/2 oak, 1/2 blk. loam, 1/2 pine	15	1/2 oak, 1/2 blk. loam, 1/2 pine
15	1/2 oak, 1/2 blk. loam, 1/2 pine	14	1/2 oak, 1/2 blk. loam, 1/2 pine
16	1/2 oak, 1/2 blk. loam, 1/2 pine	13	1/2 oak, 1/2 blk. loam, 1/2 pine
17	1/2 oak, 1/2 blk. loam, 1/2 pine	12	1/2 oak, 1/2 blk. loam, 1/2 pine
18	1/2 oak, 1/2 blk. loam, 1/2 pine	11	1/2 oak, 1/2 blk. loam, 1/2 pine
19	1/2 oak, 1/2 blk. loam, 1/2 pine	10	1/2 oak, 1/2 blk. loam, 1/2 pine
20	1/2 oak, 1/2 blk. loam, 1/2 pine	9	1/2 oak, 1/2 blk. loam, 1/2 pine
21	1/2 oak, 1/2 blk. loam, 1/2 pine	8	1/2 oak, 1/2 blk. loam, 1/2 pine
22	1/2 oak, 1/2 blk. loam, 1/2 pine	7	1/2 oak, 1/2 blk. loam, 1/2 pine
23	1/2 oak, 1/2 blk. loam, 1/2 pine	6	1/2 oak, 1/2 blk. loam, 1/2 pine
24	1/2 oak, 1/2 blk. loam, 1/2 pine	5	1/2 oak, 1/2 blk. loam, 1/2 pine
25	1/2 oak, 1/2 blk. loam, 1/2 pine	4	1/2 oak, 1/2 blk. loam, 1/2 pine
26	1/2 oak, 1/2 blk. loam, 1/2 pine	3	1/2 oak, 1/2 blk. loam, 1/2 pine
27	1/2 oak, 1/2 blk. loam, 1/2 pine	2	1/2 oak, 1/2 blk. loam, 1/2 pine
28	1/2 oak, 1/2 blk. loam, 1/2 pine	1	1/2 oak, 1/2 blk. loam, 1/2 pine

Section	Travellers	Time	Distance	Direction	Remarks
A	W Oak	5	Corner		
a	B. Ash	3	Corner		
B	Cluster of Maple	Corner			
b	Ironwood	6	Corner		
C	Beech	18	5 55 E	7	
c	Do	6	5 55 W	28	
c	Hornbeam	3	Corner		
D	Elm	18	5 46 W	58	
d	H. Ash	20	5 53 E	27	
d	H. Ash	12	5 12 W	25	
e	Hornbeam	5	East	9	
E	Beech	9	5 43 W	18	
e	Do	20	5 43 W	9	
e	Ironwood	18	5 43 E	11	
e	Elm	22	5 50 W	40	
F	Beech	16	Corner		
f	Hickory	4	Corner		
F	Ironwood	18	5 55 E	30	
f	Do	20	5 57 W	32	
F	Beech	11	5 53 E	17	
f	Beech	10	Corner		
G	Beech	8	5 48 W	11	
g	Do	18	5 41 E	16	
g	Elm	18	Corner		
H	Sycamore	40	Corner		
h	Hickory	7	Corner		
H	Hornbeam	3	Corner		
h	Willow	8	Corner		
I	Elm	12	5 44 W	19	
i	H. Oak	35	5 51 W	41	
i	Post	in Swamp			
J	B. Ash	18	5 38 E	18	
j	Beech	6	5 40 W	16	
J	Small Beech	Corner			
j	Lynn	16	5 37 W	29	
J	H. Oak	6	5 41 W	32	
j	Lynn	8	5 45 W	10	
K	Post in Swamp, no low				
k	Sugar	6	5 55 W	12	
X	Hickory	16	5 39 W	10	
x	H. Oak	4	5 25 W	30	
x	Elm	8	5 32 W	11	
Y	Elm	16	5 12 E	17	
y	Hickory	8	5 21 W	17	
y	H. Oak	6	5 30 W	13	

DR. Not State land

Anterior Quarter Section Corners

Section	Travellers	Time	Distance	Direction	Remarks
WAT	H. Oak	8	Corner		
WAT	Beech	10	Corner		
WAT	Ironwood	6	Corner		
WAT	Beech	20	5 6 E	47	
WAT	Do	8	5 5 E	47	
WAT	Lynn	18	Corner		
EAT	H. Oak	8	Corner		
EAT	Hickory	16	Corner		
EAT	Hornbeam	6	Corner		
EAT	Sapropes	22	Corner		
EAT	Elm	6	Corner		
KAW	Sycamore	7	Corner		
KAW	Lynn	12	5 48 W	12	
KAW	Beech	8	5 54 W	26	
KAW	H. Oak	12	5 8 W	10	
KAW	Maple	7	5 20 E	8	
KAW	H. Oak	8	Corner		
KAW	Lynn	18	5 46 E	28	
KAW	Elm	8	5 38 E	10	
NAY	Ironwood	5	Corner		
NAY	Hickory	7	5 22 E	17	
NAY	Elm	20	5 15 E	30	
NAY	H. Oak	8	5 20 E	30	
NAY	Sugar	22	5 5 E	31	
NAY	Sugar	8	Corner		
PAB	Ironwood	16	Corner		
PAB	B. Ash	18	Corner		
PAB	Beech	14	5 23 W	22	
PAB	Do	8	5 50 E	21	
PAB	Elm	16	Corner		
PAB	B. Ash	6	Corner		
PAB	Beech	6	5 70 W	9	
PAB	Elm	12	5 53 E	19	
PAB	B. Ash	20	5 53 W	12	
PAB	Beech	10	5 55 E	11	
PAB	Beech	3	Corner		
PAB	Beech	16	5 63 E	25	
PAB	Do	12	5 43 W	18	
PAB	B. Ash	16	5 6 W	23	
PAB	Ironwood	10	5 28 W	11	
PAB	Hickory	18	Corner		
PAB	Ironwood	8	5 70 W	14	
PAB	Elm	18	5 8 W	25	
PAB	Lynn	12	5 18 E	9	
PAB	Do	8	5 57 W	5	

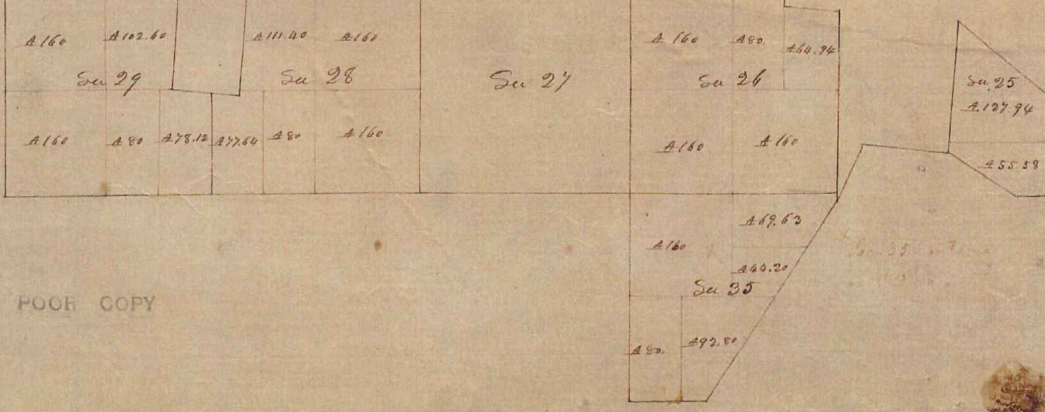
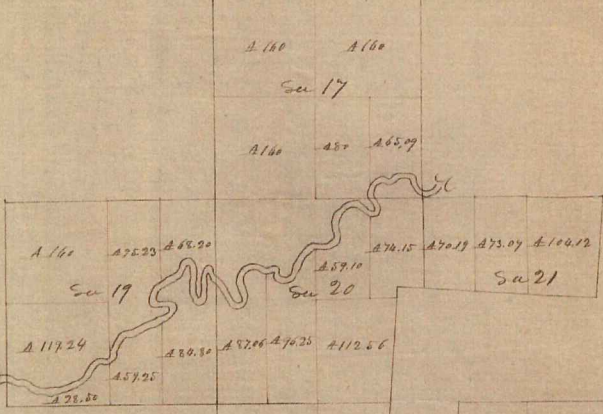
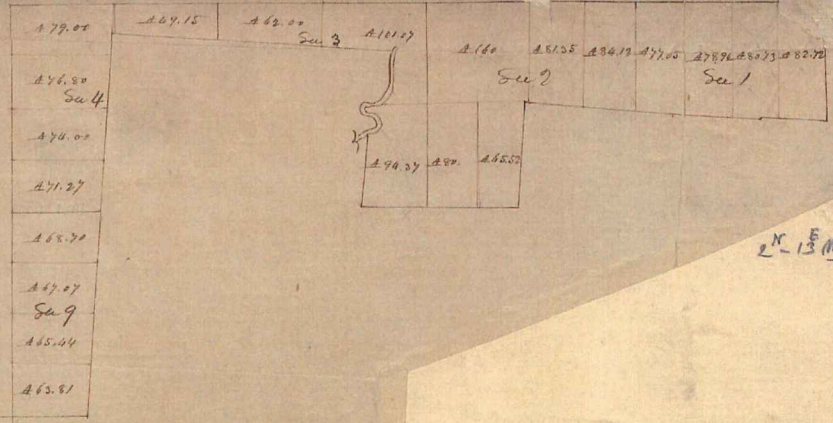
Corners on Hudson River.

1	Beech	10	5 4 E	70
2	Sycamore	30	5 62 E	46
3	Hickory	8	Corner	
4	H. Oak	20	5 52 E	67
4	B. Ash	18	5 63 W	48
4	Maple	8	Corner	
4	B. Ash	7	Corner	
7	Beech	16	5 70 W	19
7	Do	10	5 5 E	30
8	Sapropes	12	5 53 W	10
8	Elm	16	5 51 W	30

1. 10/25/10 N. 20, 100mg

2 N E 1/4

2 N E 1/4



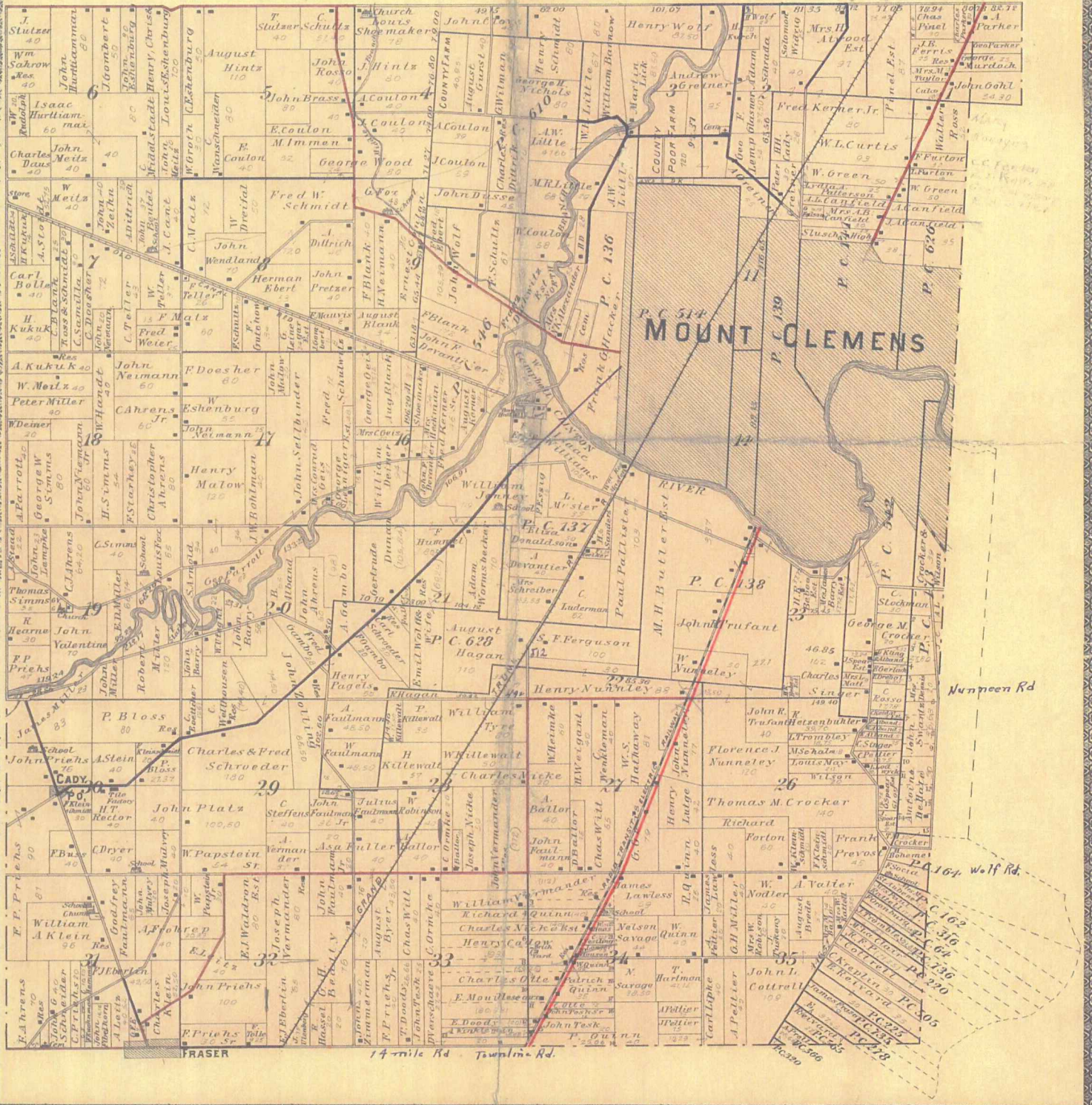
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MAP OF CLINTON

Township 2 North Range 13 East

Scale 2 Inches to one Mile.

of the Meridian of Michigan

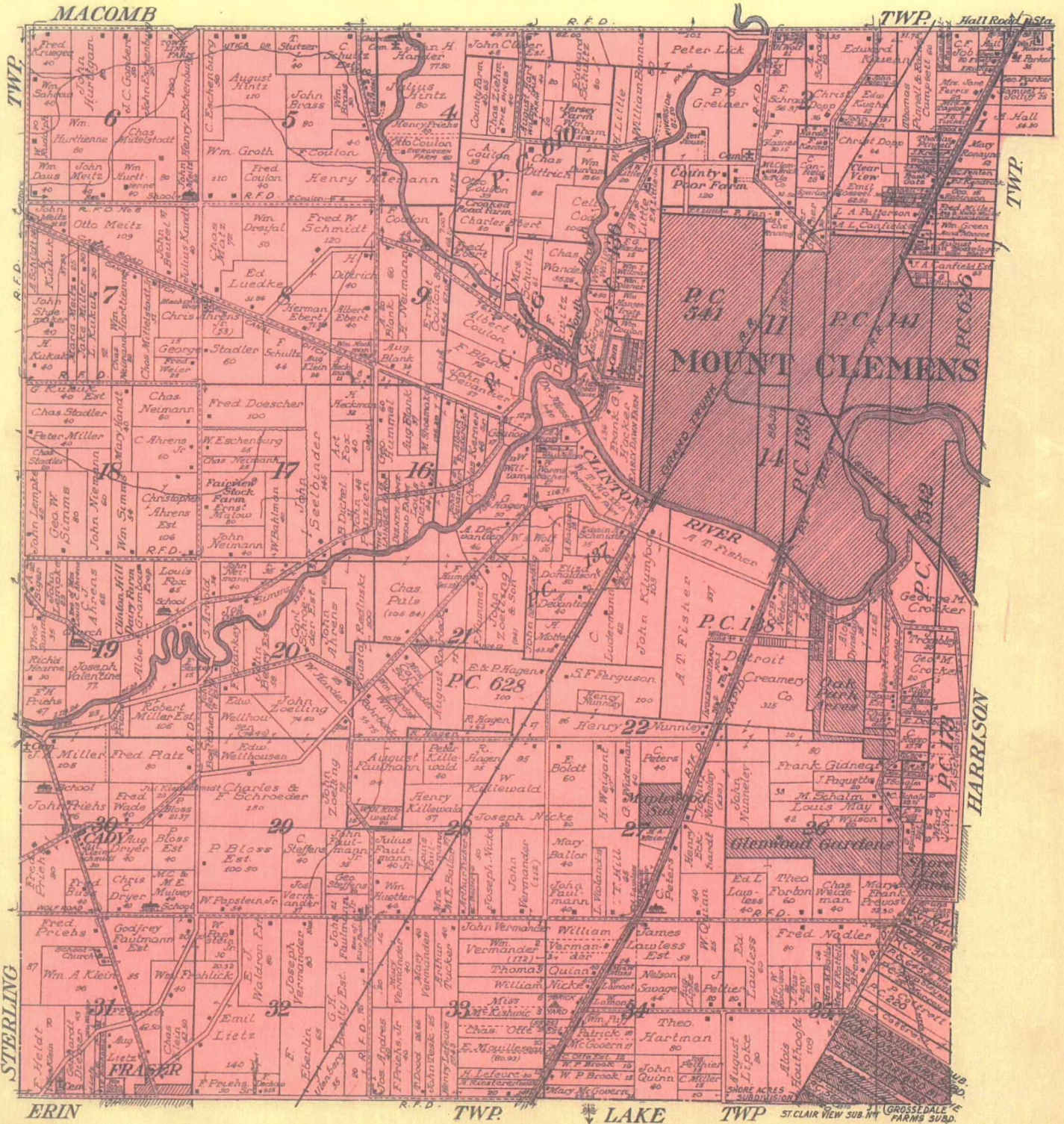


8 1895

MAP OF
CLINTON
TOWNSHIP

Scale 2 inches to 1 mile

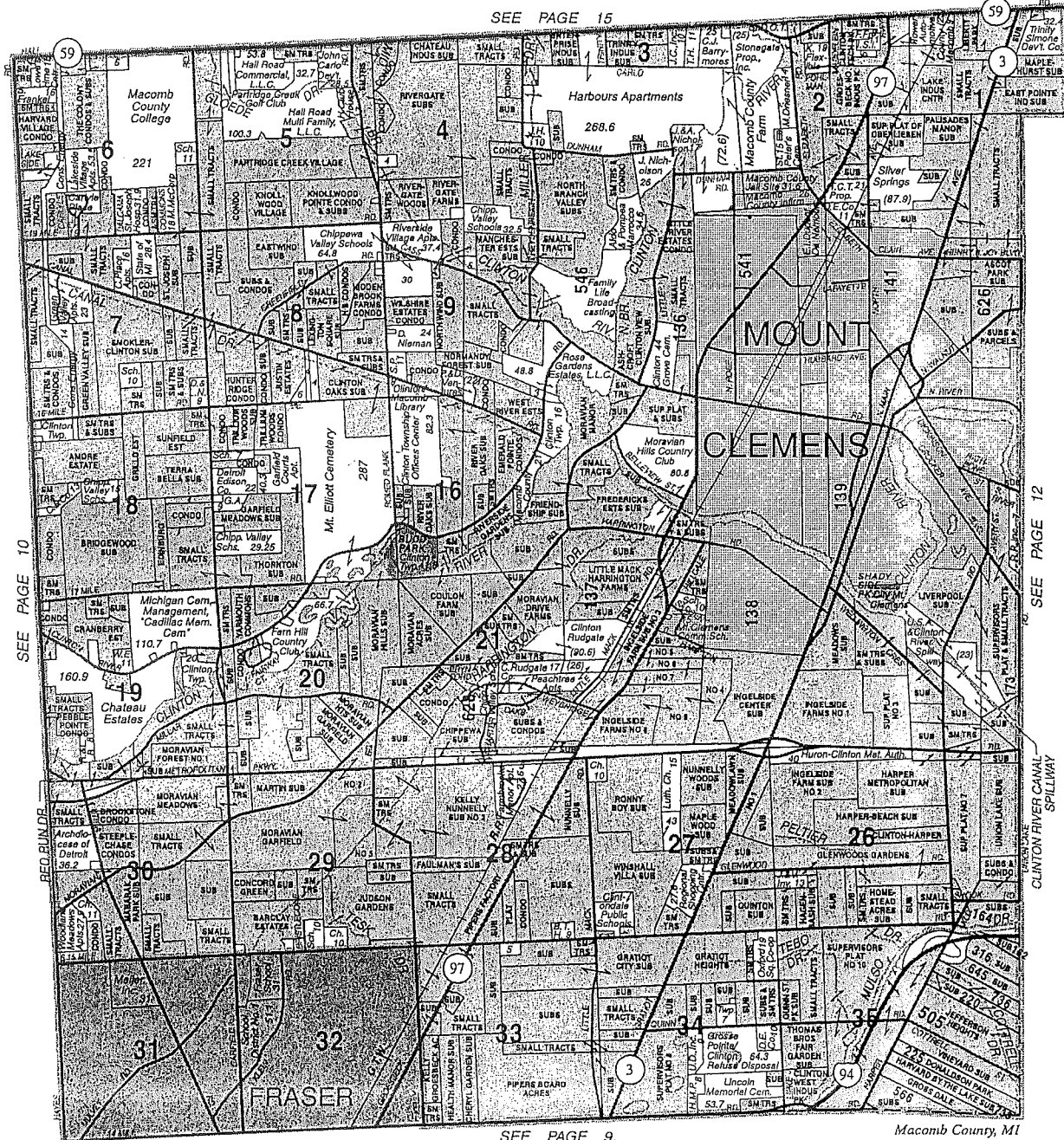
Fractional Township 2 North, Range 13 East of the Michigan Meridian



CLINTON - CITY OF FRASER

T.2N.-R.13E.

SEE PAGE 15



SEE PAGE 10

SEE PAGE 12

SEE PAGE 9

Macomb County, MI

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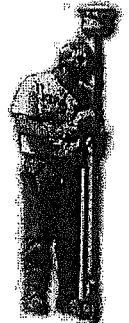
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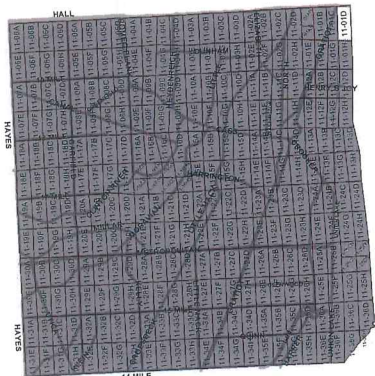
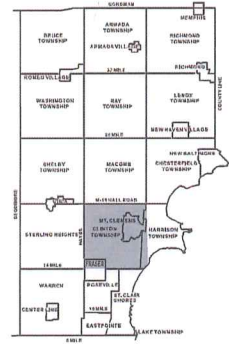


2006 10



Date of Photography: Spring 2015
 100 50 0 100 200 Feet
 1:1,200

CLINTON TWP SHEET INDEX



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

11-01D

HARRISON TWP.
 E. 1/2 N.E. 1/4 SEC. 1 T. 2N. R. 13E.

Source: Macomb County Department of Planning and Economic Development
 - 2015 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 (586) 469-5265.

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GIS MACOMB COUNTY
 Planning and Economic
 Development Department
 Published: Aug 15 2016

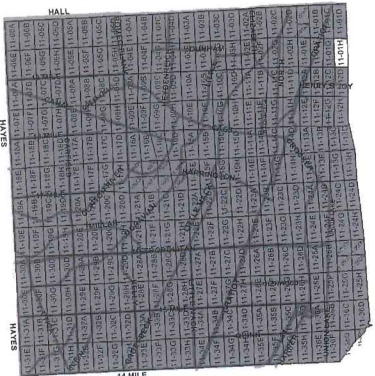




Date of Photography: Spring 2015
 100 50 0 100 200 Feet



CLINTON TWP SHEET INDEX



DESCRIPTION OF PERMANENT REAL ESTATE INDEX NUMBER
13-19-302-018

Legend

- Platted Area Boundary Line
- Property Line
- Property Split Line
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- Township Boundary Line
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- Dimension Extent Marks
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11-01H
 HARRISON TWP.
 E. 1/2 S.E. 1/4 SEC. 1 T. 2N. R. 13E.

Source: Macomb County Department of Planning and Economic Development
 - 2015 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 (586) 469-5265.



Town 2 North Range 13 East

Timber W. Oak Sugar Poplar
Lynn & C. Undergrowth Spice

14.13 Beech 16 in diam
20.00 Run 4 lks Course S.E.
40.00 Made 1/2 mile com on a
Beech 10 in diam
80.00 Set post for cor of sections 2, 3, 34 & 35
from which a Beech 11 in diam bears N
53 & 17 lks dist also an Elm 24 in
bears N 5 W 31 lks distant
Land first 1/2 mile good 2nd rate
last half 3rd rate Timber Beech
Sugar W. Oak Poplar B. Ash & C
Undergrowth Spice & C.

20.15 W. Oak 18 in diam
30.66 Intersect Private Claim No 123
from the set post for cor of said
sections 2 & 35 from which a B. Ash
10 in diam bears N 17 E 4 lks dist
also a Lynn 7 in diam bears N 52
E 2 lks dist Land dry good 2nd rate
Timber Beech B. Ash Poplar & C.

Surveyed 1818 by Wm. Percival Esq.

South East Boundary
40.00 Set 1/4 Sec post from which an Elm 22 in
diam bears S 15 N 23 lks also a Lynn 12 in
bears N 7 W 21 lks.

46.50 Run Oak 30 in diam
46.75 Intersect P. Claim 19.20 East of cor of 1/4 Sec
Land level and met 2nd rate Timber B. Ash
Beech Lynn Sugar tree & C.

Surveyed by Wm. Percival Esq.

Town 2 North Range 13 East

North Boundary

West Rounddown
40.00 Set temp 1/2 mile
80.00 Set temp 1 mile post
Land good 2nd rate dry
Timber W. Oak Lynn Ash Sugar
Beech & C Undergrowth Spice & C.

40.00 Set temp 1/2 mile post
52.25 North Branch of Riv Konom
1.00 wide Course S.E.
68.00 Same ——— N.E.
68.50 Same ——— S.E.
80.00 Set temp 2 mile post
Land good 2nd rate Timber W. Oak Beech
Sugar Ash Lynn & C Undergrowth
Spice Beech & C.

West
45.00 Set temp 1/2 mile post
45.00 Marsh
49.50 Lift Marsh
80.00 Set temp 3 mile post
Land 2nd rate Past mt
Timber W. Oak Beech B. Ash Maple & C
Undergrowth Ash Beech Spice & C.

40.00 Set temp 1/2 mile post
61.50 Cor 40 lks mile S.E.
80.00 Set temp 4 mile post
Land good 2nd rate level and
dry Timber W. Oak B. Ash Lynn
Elm & C Undergrowth Ash Spice & C.

West
38.50 Run 5 lks wide Course South
41.00 Set temp 1/2 mile post



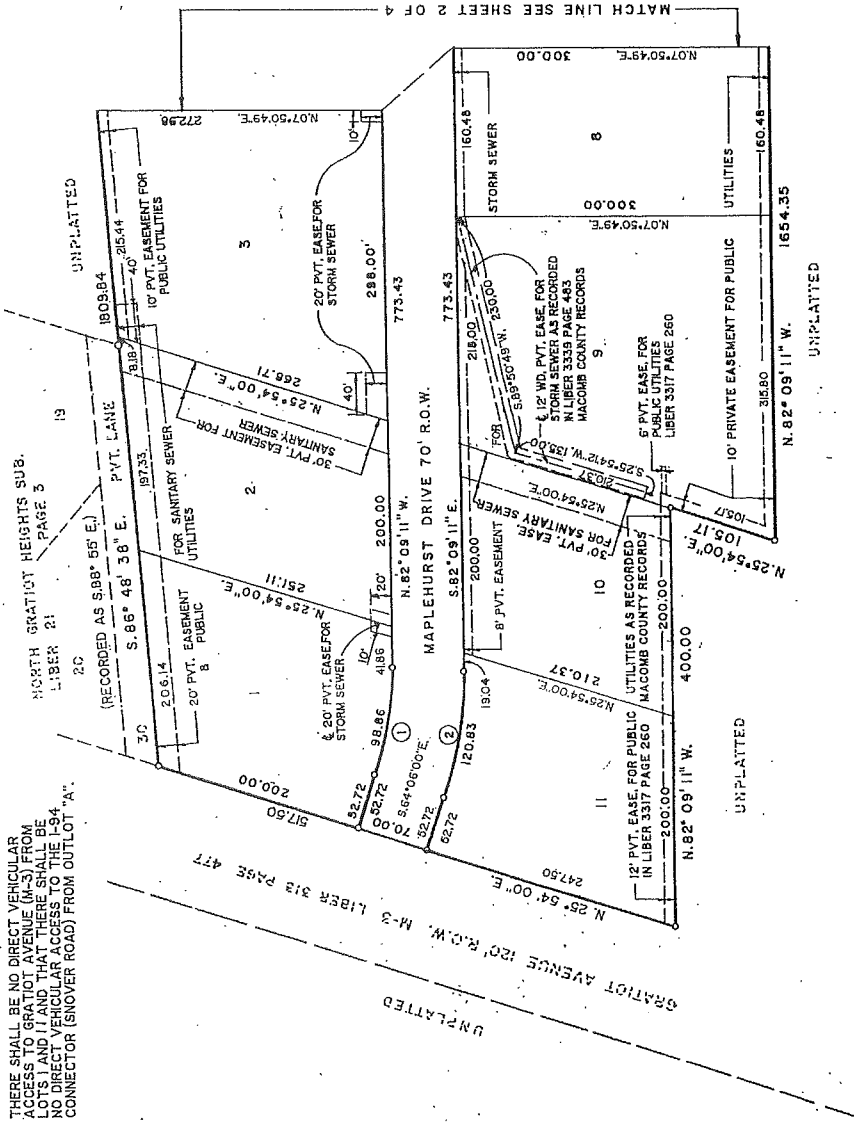
MAPLEHURST SUBDIVISION

PART OF THE N.E. 1/4 OF FRACTIONAL SECTION 1,
T. 2 N., R. 13 E., CLINTON TOWNSHIP, MACOMB COUNTY, MICHIGAN

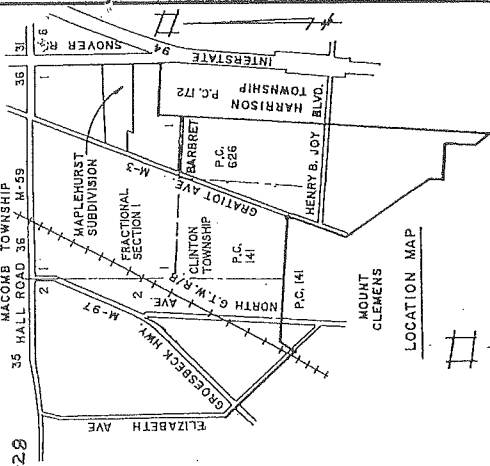
REGISTERED # B421428

LEGEND
ALL DIMENSIONS ARE SHOWN IN FEET.
CHORD AND CURVE DATA ARE SHOWN ALONG THE CHORD.
SYMBOL "O" INDICATES A 4" DIAMETER-36" LONG ALL IRE FROM 100' TO 125' FROM THE MONUMENT. LONG, ALL IRE FROM 125' TO 150' FROM THE MONUMENT. LONG, (R) INDICATES RADIAL LOT LINES.
(M) INDICATES NOT RADIAL LOT LINES.
GRATROT HEIGHTS SUB. AS RECORDED IN LIBER 21 PAGE 3, MACOMB COUNTY RECORDS.

THERE SHALL BE NO DIRECT VEHICULAR ACCESS TO GRATROT AVENUE (M-3) FROM LOTS 9, 10 AND 11 AND THAT THERE SHALL BE NO DIRECT VEHICULAR ACCESS TO THE I-94 CONNECTOR (SNOVER ROAD) FROM OUTLOT "A".



MATCH LINE SEE SHEET 2 OF 4



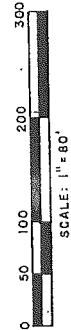
CURVE DATA		CHORD		DELTA	
CURVE #	RADIUS	ARC	LONG CHORD	CHORD	DELTA
No. 1	315.00	99.27	N.75°07'28" W.	98.86	18°03'23"
No. 2	385.00	121.33	S.73°07'29" E.	120.83	18°03'23"



Robert L. Smith
ROBERT L. SMITH

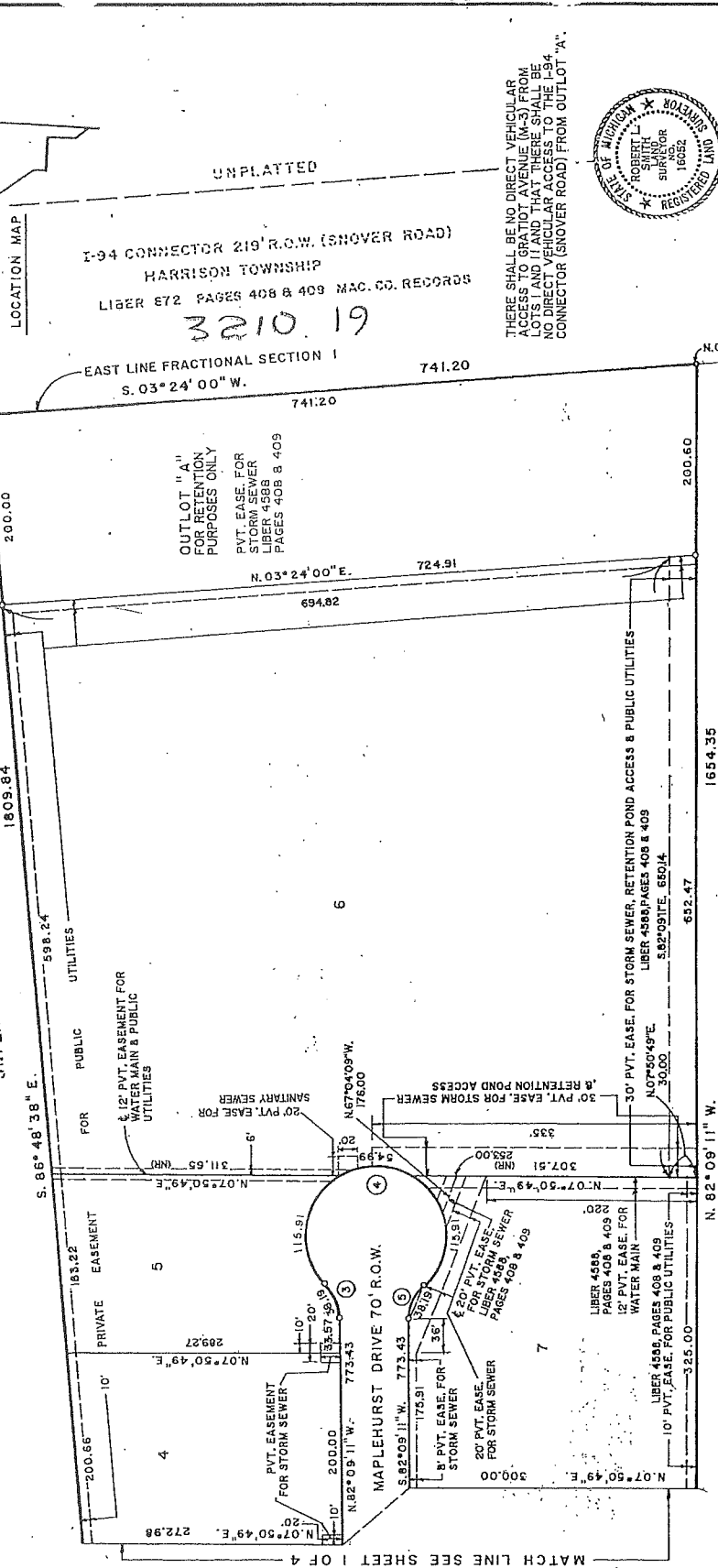
MAPLEHURST SUBDIVISION

PART OF THE N.E. 1/4 OF FRACTIONAL SECTION 1,
T. 2 N., R. 13 E., CLINTON TOWNSHIP,
MACOMB COUNTY, MICHIGAN.



LEGEND
ALL DIMENSIONS ARE SHOWN IN FEET.
ALL CURVILINEAR DIMENSIONS ARE SHOWN ALONG THE CHORD.
CHORD "C" INDICATES A 4" DIAMETER SET LONG WITH IRON ROD CENTER CONCRETE MONUMENT.
ALL LOT MARKERS ARE 1/2" IRONS AND ARE 18" LONG.
(R) INDICATES RADIAL LOT LINES.
ALL BEARINGS AND DISTANCES ARE BASED ON THE WESTERLY LINE OF NORTH GRATIOT HEIGHTS SURV. AS RECORDED IN LIBER 21 GRATIOT HEIGHTS SURV. AS RECORDED IN LIBER 21 PAGE 3, MACOMB COUNTY RECORDS.

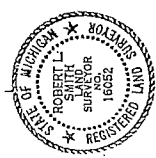
UNPLATTED



UNPLATTED

CURVE DATA					
CURVE #	RADIUS	ARC	LONG CHORD	DELTA	
No. 1	50.00	39.18	5.75° 23' 48" W.	38.19	44° 54' 02"
No. 2	70.00	329.62	S. 07° 50' 49" W.	99.17	269° 48' 04"
No. 3	50.00	39.18	S. 59° 42' 10" E.	38.19	44° 54' 02"

INTERSECTION OF THE EAST LINE OF FRACTIONAL SECTION 1 AND THE NORTH LINE OF P.C. 172
S.E. CORNER OF FRAC. SECTION 1
CLINTON TOWNSHIP LINE



Robert L. Smith
ROBERT L. SMITH

THERE SHALL BE NO DIRECT VEHICULAR ACCESS TO GRATIOT AVENUE (M-3) FROM THIS AND ADJACENT PARCELS. SHALL BE A CONNECTOR (SNOVER ROAD) FROM OUTLOT "A".

I-94 CONNECTOR 219' R.O.W. (SNOVER ROAD)
HARRISON TOWNSHIP
LIBER 872 PAGES 408 & 409 MAC. CO. RECORDS
3210.19

MAPLEHURST SUBDIVISION

PART OF THE N.E. 1/4 OF FRACTIONAL SECTION 1,
T. 2 N., R. 13 E., CLINTON TOWNSHIP, MACOMB COUNTY, MICHIGAN

SURVEYOR'S CERTIFICATE

I, Robert L. Smith, surveyor, certify:

That I have surveyed, divided and mapped the land shown on this plat described as follows:

MAPLEHURST SUBDIVISION

Part of the N.E. 1/4 of Fractional Section 1, T. 2 N., R. 13 E., Clinton Township, Macomb County, Michigan and being more particularly described as follows:

Beginning at a point 1539.91 ft., S. 03°-24'-00"W. along the East line of Fractional Section 1 from the Northeast corner of said Fractional Section 1, thence extending along said East line S. 03°-24'-00"W. 741.20 ft., thence N. 82°-09'-11"W. 1654.35 ft., thence N. 25°-54'-00"E. 105.17 ft., thence N. 82°-09'-11"W. to the Eastern Right of Way Line of Graticie Avenue, thence S. 17°-50' W. 416.00 ft., thence along said Right of Way Line of Graticie Avenue, S. 17°-50' W. to the Southern line of Maplehurst Subdivision as recorded in Plat No. 112, S. 66°-48'-30"E. 1009.84 ft. to the point of beginning and containing 28.439 acres of land and containing 11 lots numbered 1 thru 11 inclusive and one Outlot "A" for retention purposes only.

That I have made such survey, land division and plat by the direction of the owners of such land.

That such plat is a correct representation of all the exterior boundaries of the land surveyed and the subdivision of it.


That the required monuments and lot markers have been located in the ground or that survey has been deposited with the municipality, as required by Section 125 of the Act.

That the accuracy of survey is within the limits required by Section 126 of the Act.

That the bearings shown on the plat are expressed as required by Section 126 (3) of the Act and as explained in the Legend.

LENER ASSOCIATES, INC.
27500 WASHINGTON AVENUE
ZEPHYRUS, MICHIGAN 48043

DATE May 11, 1989



ROBERT L. SMITH,
SECRETARY, RLS NO. 16052

PROPRIETOR'S CERTIFICATE

First Macomb Bank, a Michigan Banking Corporation duly organized and existing under the laws of the State of Michigan by Louis J. Peters, 3rd Vice President and Ronald E. Smolinski Sr. Vice President as proprietor, has caused the land to be surveyed, divided, mapped and dedicated as represented on this plat and that the streets are easements and that all other easements are for the use of the public; that the public utility easements are private easements and that there shall be no direct access to the plat; and that there shall be no direct access to the L-94 connector (Spover Road) from Outlot "A" and that Outlot "A" shall be for retention purposes only.

FIRST MACOMB BANK
A MICHIGAN BANKING CORPORATION
1000 WASHINGTON AVENUE
MACOMB, MICHIGAN 48043

WITNESSES:

Pamela S. Kamp
PAMELA S. KAMP
Robert L. Smith
ROBERT L. SMITH, SECRETOR VICE PRESIDENT

ACKNOWLEDGEMENT

STATE OF MICHIGAN)
MACOMB COUNTY)

Personally came before me this 11th day of May, 1989, Louis J. Peters, Jr., Vice President, and Ronald E. Smolinski Sr., Vice President of the above named corporation, to me known to be each Vice President and Secretary of said corporation, and acknowledged that they executed the foregoing instrument as such officers as the free act and deed of said corporation, by its authority.

NOTARY PUBLIC Robert L. Smith, COUNTY OF MACOMB
MY COMMISSION EXPIRES: Aug. 30, 1990 CATHLEEN M. SHERMAN

PROPRIETORS CERTIFICATE

We as proprietors certify that we caused the land embraced in this plat to be surveyed, divided, mapped and dedicated as represented on this plat and that the streets are for the use of the public; that the public utility easements are private easements and that all other easements are for the use shown on the plat, and that there shall be no direct vehicular access to Gratiot Avenue (M-3) from Lots 1 and 11 and that there shall be no direct vehicular access to the L-94 connector (Spover Rd.) from Outlot "A" and that Outlot "A" shall be for retention purposes only.

WITNESSES

Oscar R. Davilla
OSCAR R. DAVILLA, a married man
St. Louis, Missouri 63117
Harold Kenzer
HAROLD KENZER
Ann L. Arenberg
ANN L. ARENBERG

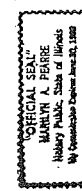
ACKNOWLEDGEMENT

STATE OF MICHIGAN)
MACOMB COUNTY)

Personally came before me this 11th day of June, 1989, the above named Paul H. Arenberg and Ann L. Arenberg husband and wife, to me known to be the persons who executed the foregoing instrument and acknowledged that they executed the same as their free act and deed.

NOTARY PUBLIC Marlin A. Garber, COUNTY OF
MACOMB

MY COMMISSION EXPIRES JUNE 30, 1990



NOTARY SEAL

EXAMINED AND APPROVED

DATE Dec. 11, 1989
BY THE DEPARTMENT
OF COMMERCE

Richard E. Lomax, RLS
Richard E. Lomax, RLS
Manager, Plat Section

PROPRIETORS CERTIFICATE

Maplehurst Land Company, a corporation duly organized and existing under the laws of the State of Michigan by Michael E. Weddle, president and proprietor, has caused the land to be surveyed, divided, mapped and dedicated as represented on this plat and that the streets are for the use of the public; that the public utility easements are private easements and that all other easements are for the use shown on the plat; that there shall be no direct vehicular access to Gratiot Avenue (M-3) from Lots 1 and 11 and that there shall be no direct vehicular access to the L-94 Connector (Spover Rd.) from Outlot "A" and that Outlot "A" shall be for retention purposes only.

THEEDLE LAND COMPANY,
a Michigan Corporation
4000 Harper Avenue
St. Clair Shores, Michigan 48080

WITNESSES:

Michael E. Weddle
MICHAEL E. WEDDLE, PRESIDENT
Grace M. Ollands
GRACE M. OLLANDS

ACKNOWLEDGEMENT

State of Michigan)
Macomb County)

Personally came before me this 11th day of May, 1989, Michael E. Weddle, president of the above named corporation, to me known to be the person who executed the foregoing instrument, and to me known to be such president of said corporation, and acknowledged that he executed the same as such officer of said corporation, by its authority.

NOTARY PUBLIC, Robert L. Smith, MACOMB COUNTY, MICHIGAN
MY COMMISSION EXPIRES Aug. 30, 1990



Robert L. Smith
ROBERT L. SMITH

MAPLEHURST SUBDIVISION

PART OF THE N.E. 1/4 OF FRACTIONAL SECTION 1,
T. 2 N., R. 13 E., CLINTON TOWNSHIP, MACOMB COUNTY, MICHIGAN

PROPRIETORS CERTIFICATE

Axis Precision Industries also known as Axis Precision Industries, Inc., a corporation duly organized under the laws of the State of Michigan, has caused this land to be surveyed, divided, mapped and dedicated as represented on this plat and that the streets are for the use of the public; that the public utility easements are private easements and that all other easements are for the uses shown on the plat, and that there shall be no direct vehicular access to Gratiot Avenue (M-3) from lots 1 and 11 and that there shall be no direct vehicular access to the I-94 Connector (Snover Rd.) from Outlot "A" and that Outlot "A" shall be for retention purposes only.

AXIS PRECISION INDUSTRIES
also known as
AXIS PRECISION INDUSTRIES, INC.
4450 NORTH GRATIOT AVENUE
MOUNT CLEMENS, MICHIGAN 48043

WITNESSES:

James F. Brown
JAMES BROWN, PRESIDENT
Marie K. Siss
MARIE K. SISS

ACKNOWLEDGEMENT

STATE OF MICHIGAN } S.S.
MACOMB COUNTY

Personally came before me this 18th day of MAY 19 89, James Brown, president of the above named corporation, to me known to be the person who executed the foregoing instrument and to me known to be such president of said corporation, and acknowledged that he executed the foregoing instrument as such officer as the free act and deed of said corporation, by its authority.

NOTARY PUBLIC Sherry A. Sparks, MACOMB COUNTY, MICHIGAN
MY COMMISSION EXPIRES Sept. 27, 1992

PROPRIETORS CERTIFICATE

American National Bank and Trust Company of Chicago duly organized and existing under the laws of the United States of America by Tom C. Aronson, as proprietor has caused the land to be surveyed, divided, mapped and dedicated as represented on this plat and that the streets are for the use of the public; that the public utility easements are private easements and that all other easements are for the uses shown on the plat, and that there shall be no direct vehicular access to Gratiot Avenue (M-3) from lots 1 and 11 and that there shall be no direct vehicular access to the I-94 Connector (Snover Rd.) from Outlot "A" and that Outlot "A" shall be for retention purposes only.

AMERICAN NATIONAL BANK AND TRUST COMPANY
OF CHICAGO, A NATIONAL BANKING ASSOCIATION
33 NORTH LA SALLE STREET
CHICAGO, ILLINOIS 60602

Tom C. Aronson
TOM C. ARONSON, OFFICER

ACKNOWLEDGEMENT

STATE OF ILLINOIS } S.S.
COUNTY } S.S.

Personally came before me this 20th day of May 19 89, of the above named Tom C. Aronson, officer of said corporation, and to me known to be the person who executed the foregoing instrument, and to me known to be such officer, and acknowledged that he executed the foregoing instrument as such officer as the free act and deed of said corporation, by its authority.

NOTARY SEAL

NOTARY PUBLIC *Melinda J. Moos*
MELINDA J. MOOS
COUNTY, ILLINOIS
MY COMMISSION EXPIRES: FEB. 19, 1990

COUNTY TREASURER'S CERTIFICATE

The records in my office show no unpaid taxes or special assessments for the five years preceding JUNE 8, 1989, involving the lands included in this plat.

Marilyn Braunsch
MARILYN BRAUNSCH
TREASURER, COUNTY OF MACOMB

CERTIFICATE OF COUNTY ROAD COMMISSIONER'S

Approved on July 25, 1989 as complying with Section 183 of Act 286, P.A. 1967 and the applicable published rules and regulations of the Board of Road Commissioners of Macomb County.

Mary Louise Roper
MARY LOUISE ROOPER, CHAIRPERSON
Raymond J. Gaberty
RAYMOND J. GABERTY, VICE CHAIRPERSON
MAYOR J. GABERTY, COMMISSIONER

COUNTY DRAIN COMMISSIONER'S CERTIFICATE

Approved on 7/12/89 as complying with Section 192 of Act 286, P.A. 1967 and the applicable rules and regulations published by my office in the County of Macomb.

Thomas S. Welsh
THOMAS S. WELSH, COMMISSIONER OF PUBLIC WORKS

CERTIFICATE OF MUNICIPAL APPROVAL

I certify that this plat was approved by the Township Board of the Township of Clinton, at a meeting held August 24, 1989 and was reviewed and found to be in compliance with Act 286, P.A. of 1967 and that public water and public sewer services have been installed and are ready for connection, and that the Township has adopted a subdivision control ordinance and waives the right to exercise its authority under Act 286, and that monuments and lot markers have been installed within this plat.

Dennis Tomlinson
DENNIS TOMLINSON, TOWNSHIP CLERK

COUNTY PLAT BOARD CERTIFICATE

This plat has been reviewed and is approved by the Macomb County Plat Board on September 1, 1989 as being in compliance with all of the provisions of Act 286, P.A. 1967 and the plat board's applicable rules and regulations.

Mark A. Steenberg
MARK A. STEENBERG, CHAIRMAN
Adam E. Nowakowski
ADAM E. NOWAKOWSKI, COUNTY TREASURER
COUNTY BOARD OF COMMISSIONERS

Emm Miller
EMM MILLER, CLERK REGISTER OF DEEDS

MICHIGAN DEPARTMENT OF TRANSPORTATION

Approved on Oct. 2, 1989 as complying with Act 286, P.A. of 1967 and the applicable published rules and regulations of the department of transportation

MICHIGAN DEPARTMENT OF TRANSPORTATION

James R. Feltz
JAMES R. FELTZ, DIRECTOR

RECORDING CERTIFICATE

STATE OF MICHIGAN
MACOMB COUNTY

This plat was received for record on the 13th day of December 19 89 at 1:52 PM, and recorded in Liber 29 of Plats on Page(s) 31, 32, 33, 34, 37

Phyllis J. Krasov
PHYLLIS J. KRASOV, DEPUTY REGISTER OF DEEDS



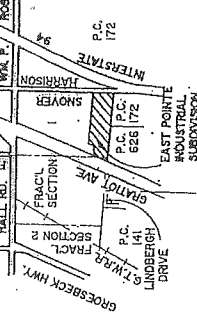
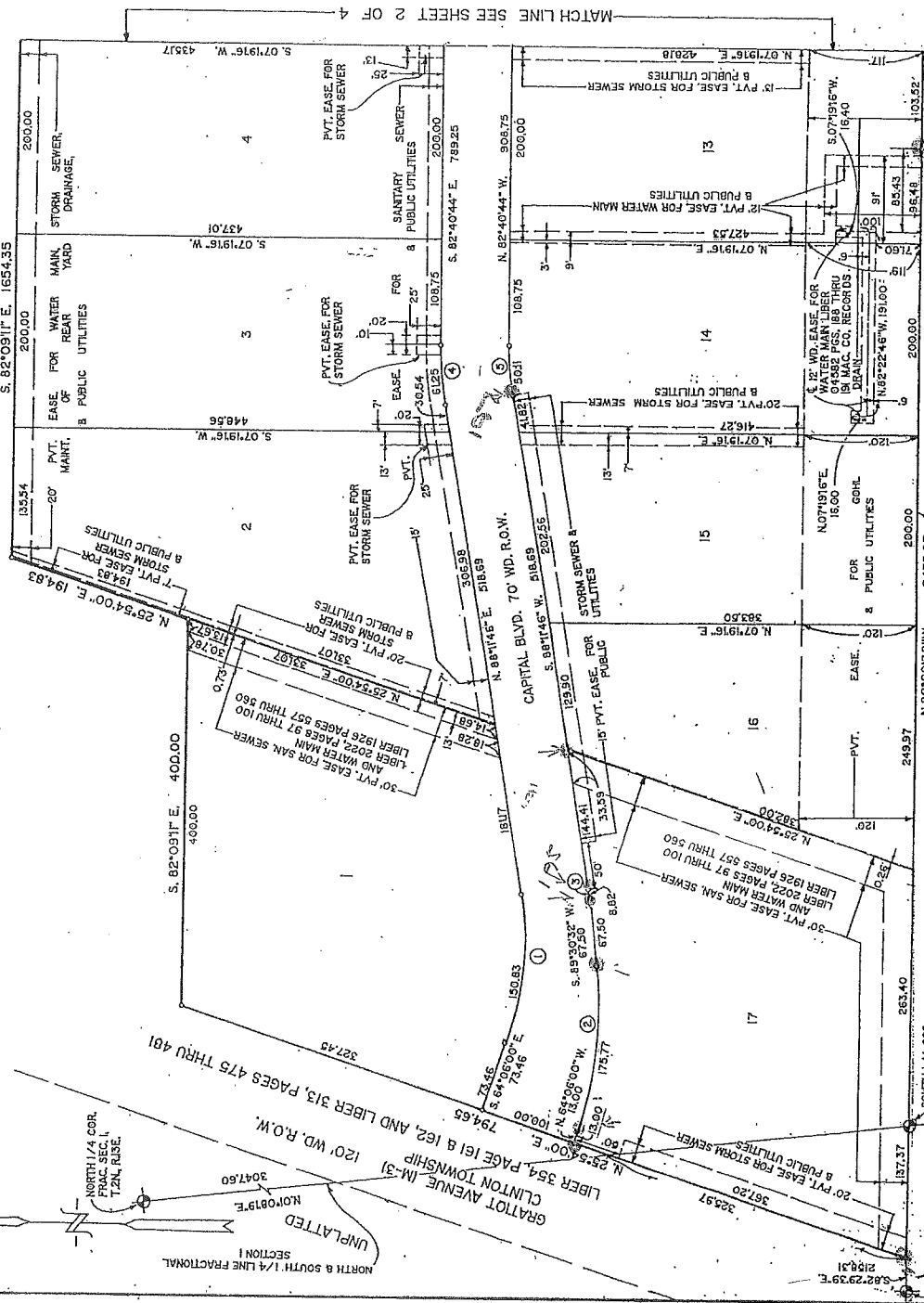
Robert L. Smith
ROBERT L. SMITH

EAST POINTE INDUSTRIAL SUBDIVISION
 A SUBDIVISION OF PART OF EAST 1/2 & WEST 1/2 OF
 FRACTIONAL SECTION 1, T.2N., R.13E., CLINTON TOWNSHIP,
 MACOMB CO., MICHIGAN

Register # B531176

CURVE DATA			
CURVE #	RADIUS	ARC	CHORD
1	315.00	152.31	S. 77°57'07" E. 190.63
2	385.00	177.33	S. 77°17'43" E. 175.77
3	385.00	8.82	S. 89°57'03" W. 8.82
4	315.00	61.32	S. 87°14'23" E. 61.26
5	315.00	50.17	S. 87°14'23" E. 50.11

UNPLATTED,



1147.22
 1146.92
 1009.81
 1147.18

LEGEND
 ALL DIMENSIONS ARE SHOWN IN FEET.
 ALL CURVILINEAR DIMENSIONS ARE SHOWN ALONG THE CHORD.
 THE SYMBOL "o" INDICATES A 4" DIAMETER 36" LONG W/ 1/2" IRON ROD CENTER CONCRETE MONUMENT.
 ALL LOT MARKERS ARE 18" LONG 1/2" IRONS.
 (NR) INDICATES RADIAL LOT LINES.
 BEARINGS BASED ON THE WESTERLY LINE OF NORTH GRATIOT HEIGHTS SUB. AS RECORDED IN LIBER 21 PAGE 3, MACOMB COUNTY RECORDS. THERE SHALL BE NO DIRECT VEHICULAR ACCESS TO GRATIOT AVENUE (M-3) FROM LOTS 1 AND 17 AND THAT THERE SHALL BE NO DIRECT VEHICULAR ACCESS TO THE I-94 CONNECTOR (SNOVER ROAD) FROM LOTS 8 AND 9.



Robert L. Smith
 ROBERT L. SMITH

UNPLATTED
 SOUTH LINE OF FRACTIONAL SECTION 1
 CLINTON TOWNSHIP
 HARRISON TOWNSHIP
 P.C. 172
 P.C. 172

1009.81
 See Restrictions Liber 5011 Pages 73 thru 89
 Liber 92 Page 47

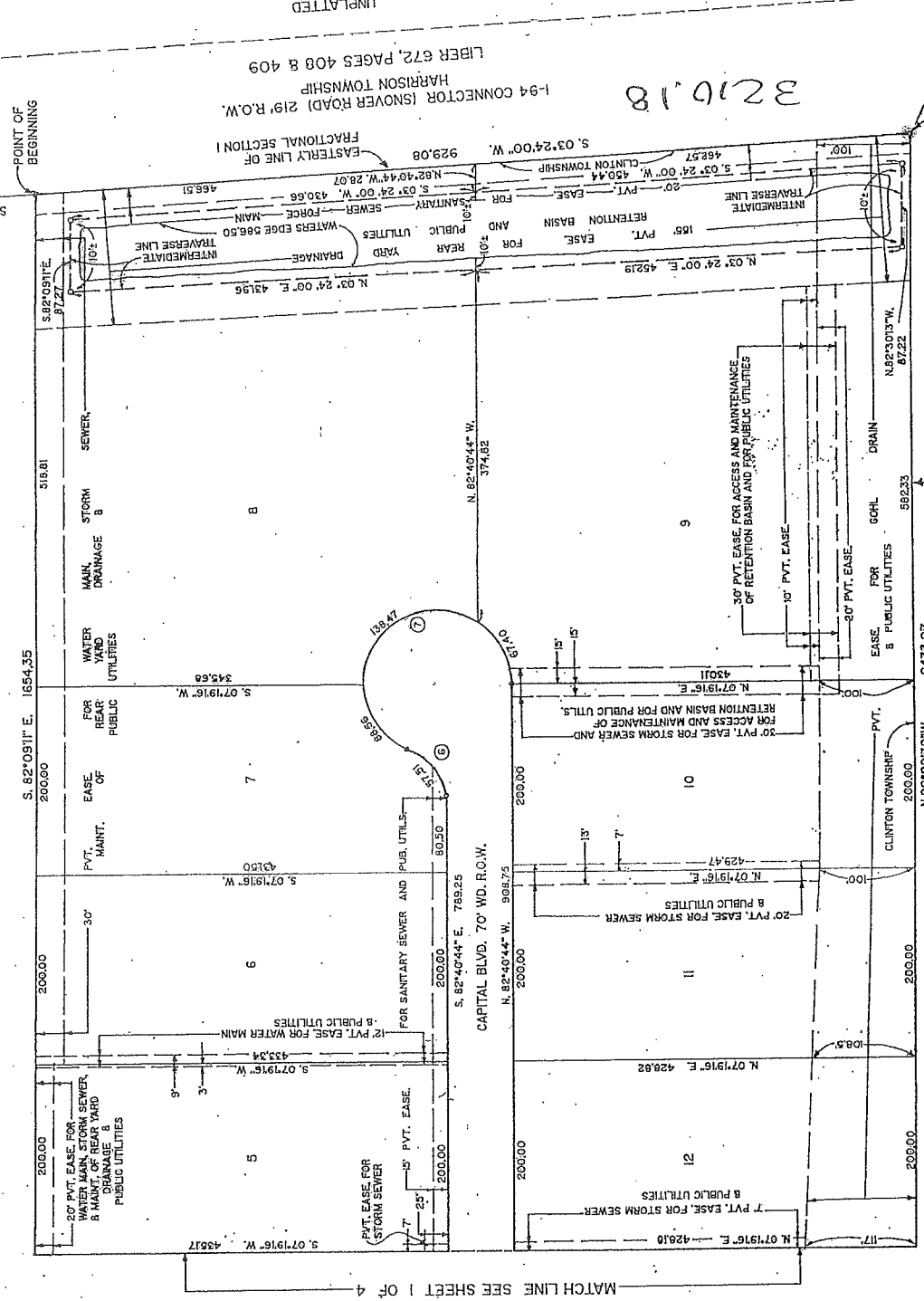
1009.81
 1009.81

3

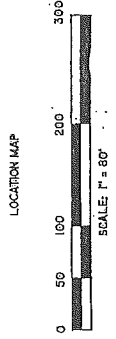
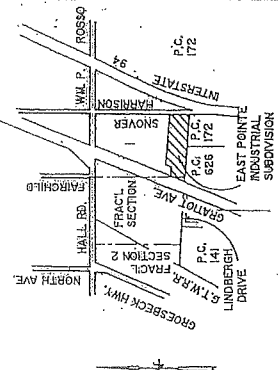
EAST POINTE INDUSTRIAL SUBDIVISION
 A SUBDIVISION OF PART OF EAST 1/2 & WEST 1/2 OF
 FRACTIONAL SECTION 1, T.2N., R.13E., CLINTON TOWNSHIP,
 MACOMB CO., MICHIGAN

CURVE DATA			
CURVE #	RADIUS	ARC	CHORD
6	50.00	6.27	57.51
7	77.00	33.62	125.99

UNPLATTED



N.E. CORNER FRACTIONAL SECTION 1, T. 2 N., R. 13 E.



1-94 CONNECTOR (SNOVER ROAD) 219' R.O.W.
 HARRISON TOWNSHIP
 LIBER 672, PAGES 408 & 409

3210.18

5500
 INTERSECTION OF THE EAST LINE OF FRACTIONAL SECTION 1 B THE NORTH LINE OF P.C. 172.

LEGEND
 ALL DIMENSIONS ARE SHOWN IN FEET.
 ALL CURVILINEAR DIMENSIONS ARE SHOWN ALONG THE CHORD.
 THE SYMBOL "S" INDICATES A 4" DIAMETER 36" LONG W/ 1/2" IRON ROD CENTER CONCRETE MONUMENT.
 ALL LOT MARKERS ARE 18" LONG 1/2" IRONS.
 (R) INDICATES RADIAL LOT LINES.
 (NR) INDICATES NOT RADIAL LOT LINES.
 BEARINGS BASED ON THE WESTERLY LINE OF NORTH GRATOT HEIGHTS SUB. AS RECORDED IN LIBER 21 PAGE 3, MACOMB COUNTY RECORDS. THERE SHALL BE NO DIRECT VEHICULAR ACCESS TO GRATOT AVENUE (M-3) FROM LOTS 1 AND 17 AND THAT THERE SHALL BE NO DIRECT VEHICULAR ACCESS TO THE 1-94 CONNECTOR (SNOVER ROAD) FROM LOTS 8 AND 9.



Robert L. Smith
 ROBERT L. SMITH

EAST POINTE INDUSTRIAL SUBDIVISION
 A SUBDIVISION OF PART OF EAST 1/2 & WEST 1/2 OF
 FRACTIONAL SECTION 1, T.2N., R.13E., CLINTON TOWNSHIP,
 MACOMB CO., MICHIGAN

SURVEYOR'S CERTIFICATE

I, Robert L. Smith, Surveyor, Certify:
 That I have surveyed, divided and mapped the land shown on this plat,
 described as follows:

EAST POINTE INDUSTRIAL SUBDIVISION

A subdivision of part of East 1/2 and West 1/2 of Fractional Section 1, T.2N., R.13E.,
 Clinton Township, Macomb County, Michigan and being more particularly described
 as follows:

Beginning at a point 2281.11 ft. S.03°-24'-00"W. along the East line of
 Fractional Section 1, thence S.03°-24'-00"W. 929.33 ft. to the South line of
 Fractional Section 1, thence along said South line N.82°-29'-33"W. 2435.07 ft.
 to the Easterly Right of Way of Gratiot Avenue (M-3)
 120 ft. rd. Right of Way, thence along said Right of Way line N.25°-54'-00"E.
 794.65 ft., thence S.82°-09'-11"E. 400.00 ft., thence N.25°-54'-00"E. 194.83 ft.,
 thence S.82°-09'-11"E. 1654.35 ft. to the point of beginning and containing 46.363
 acres of land also containing 17 lots numbered 1 thru 17 inclusive.

That I have made such survey, land division and plat by the direction of the
 owners of such land.
 That such plat is a correct representation of all the exterior boundaries of
 the land surveyed and the subdivision of it.
 That the required monuments and lot markers have been located in the ground
 or that survey has been deposited with the municipality, as required by
 Section 125 of the Act.
 That the accuracy of survey is within the limits required by Section 126 of
 the Act.
 That the bearings shown on the plat are expressed as required by Section 126 of
 (3) of the act and as explained in the Legend.

AUGUST 11, 1989
 LEHNER ASSOCIATES, INC.
 22900 WELLINGTON CRESCENT
 MT. CLEMENS, MICHIGAN 48043



Robert L. Smith
 ROBERT L. SMITH
 REGISTERED LAND SURVEYOR 16052
 SECRETARY LEHNER ASSOCIATES, INC.

PROPRIETOR'S CERTIFICATE

I.S.I. Manufacturing, Inc. a corporation duly organized and existing under
 the laws of the State of Michigan by L. Douglas Blatt, president and John
 to Blatt, executive vice president as proprietor, has caused the land
 to be surveyed, mapped and dedicated as represented on this plat
 and that the streets, easements and that the public utility
 easements are private easements and that no direct utility
 uses shown on the plat, and that there shall be no direct
 to Gratiot Avenue (M-3) from Lots 1 and 17 and that there shall be no direct
 vehicular access to the I-94 Connector (Slover Rd.) from Lots 8 & 9,
 and that the easements shall extend to the waters edge of the retention basin, and that lots
 8 & 9 extend to the waters edge.

WITNESSES:

Robert L. Smith
 ROBERT L. SMITH
 MICHIGAN J. NOTARY

John A. Blatt
 JOHN A. BLATT, PRESIDENT

ACKNOWLEDGEMENT

STATE OF MICHIGAN) s.s.
 MACOMB COUNTY

Personally came before me this 14th day of August
 19 89, L. Douglas Blatt, President and John A. Blatt, Executive Vice
 President of the above named corporation, to me known to be the persons who
 executed the foregoing instrument and to me known to be such president and
 executed the foregoing instrument and to me known to be such president and
 executed the foregoing instrument as such officers as the free act and deed
 of said corporation, by its authority

NOTARY PUBLIC *Robert L. Smith* MACOMB COUNTY, MICHIGAN
 MY COMMISSION EXPIRES 1-17-92

EXAMINED AND APPROVED

Date Dec 11 1990
 BY THE DEPARTMENT
 OF COMMERCE

Robert L. Smith
 Robert L. Smith, Notary
 Macomb, Mich. Sec'y



Robert L. Smith
 ROBERT L. SMITH

EAST POINTE INDUSTRIAL SUBDIVISION
A SUBDIVISION OF PART OF EAST 1/2 & WEST 1/2 OF
FRACTIONAL SECTION 1, T.2N., R.13E., CLINTON TOWNSHIP,
MACOMB CO., MICHIGAN

COUNTY TREASURER'S CERTIFICATE

The records in my office show no unpaid taxes or special assessments for the following parcels involving the lands included in this plat:

Gloria J. Sparnick
 GLORIA J. SPARNICK DEPUTY COUNTY
 TREASURER COUNTY OF MACOMB

COUNTY DRAIN COMMISSIONER'S CERTIFICATE

Approved on *Oct. 29, 1992* as complying with Section 132 of Act 288, P.A. 1987, and the applicable rules and regulations published by my office in the County of Macomb.

Thomas S. Welsh
 THOMAS S. WELSH, COMMISSIONER OF PUBLIC
 WORKS

MICHIGAN DEPARTMENT OF TRANSPORTATION

APPROVED ON *26 Nov. 1992* AS COMPLYING WITH ACT 288, P.A. OF 1987 AND THE APPLICABLE PUBLISHED RULES AND REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.

MICHIGAN DEPARTMENT OF TRANSPORTATION

James P. Pitz
 JAMES P. FITZ, DIRECTOR

CERTIFICATE OF COUNTY ROAD COMMISSIONER'S

Approved on *Nov. 1, 1992* as complying with Section 132 of Act 288, P.A. 1987 and the applicable published rules and regulations of the Board of Road Commissioner's of Macomb County.

Matthew J. Gabbery
 MATTHEW J. GABBERY, CHAIRPERSON
 JOHN V. ZECUDA, VICE-CHAIRPERSON
 MATTHEW J. GABBERY, COMMISSIONER

CERTIFICATE OF MUNICIPAL APPROVAL

I certify that this plat was approved by the Township Board of the Township of Clinton, Michigan, and was reviewed and found to be in compliance with Act 288, P.A. 1987, and that the public water services have been installed and are ready for use within this plat

and that surety is posted for one year to insure the placement of monuments and lot markers.

Denise D. Tolson
 DENISE D. TOLSON, TOWNSHIP CLERK

COUNTY PLAT BOARD CERTIFICATE

This plat has been reviewed and is approved by the Macomb County Plat Board on *Sept. 29, 1992* as being in compliance with all of the provisions of Act 288, P.A. 1987, and the plat board's applicable rules and regulations.

Mark W. Stuebel
 MARK W. STUEBEL, CHAIRMAN
 COUNTY BOARD OFF
 COMMISSIONERS
Alan J. Gaudin
 ALAN J. GAUDIN, COUNTY TREASURER

EMMA MILLER, CLERK, REGISTER OF DEEDS

RECORDING CERTIFICATE

STATE OF MICHIGAN
 MACOMB COUNTY

This plat was received for record on the *13th* day of *December*, 19*92* at *1:00* P.M. and recorded in Liber *92* of plats on Page(s) *47, 48, 49, 50*.

Phyllis J. Archer
 PHYLLIS J. ARCHER, DEPUTY REGISTER OF DEEDS
 by *Janith A. Bebnayk*
 Deputy Register of Deeds



Robert L. Smith
 ROBERT L. SMITH

LIBER 06166P049

B999662

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

For corners in

Table with columns: MACOMB (County), Located In: Clinton Township, Corner Code #, and numbered items 1-5 describing survey types like Public Land Survey, Property Controlling, etc.

RECORDED IN MACOMB COUNTY
RECORDED AT: 8:30 A.M.

DEC 28 1993

Signature of Clerk-Registrar of Deeds, Macomb County, Michigan

Register of Deeds Stamp & File Number

Grid table with columns A-M and rows 2-13, containing numerical values for each cell.

I, Shelby W. Money, in a field survey on November 18, 1993, 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:
MACOMB COUNTY ROAD COMMISSION (1934) CHESTERFIELD TOWNSHIP / CONTROLLING IN SECTION 31, T.2N., R.14E. CORNER CODE #A-13N 50' W 17.13'
LCCRC (1989) CHESTERFIELD TOWNSHIP / CONTROLLING IN SECTION 31, T.2N., R.14E. CORNER CODE #A-13N 50' W 17.13'
MACOMB COUNTY ROAD COMMISSION (1957) CHESTERFIELD TOWNSHIP / CONTROLLING IN SECTION 31, T.2N., R.14E. CORNER CODE #A-13N 50' W 17.13'
LCCRC (1989) CHESTERFIELD TOWNSHIP / CONTROLLING IN SECTION 31, T.2N., R.14E. CORNER CODE #A-13N 50' W 17.13'
LCCRC (1989) CLINTON TOWNSHIP / CONTROLLING IN SECTION 1, T.2N., R.13E. CORNER CODE #A-13N 50' W 17.13'

B. Description of corner evidence found and/or method applied in restoring or reestablishing corner:
FOUND 1" PIPE

THIS CORNER VERIFIED BY:
M.D.O.T. RIGHT-OF-WAY DRAWING SHEET 138
MATCHES EDEL FORD - ROSSO SUBDIVISION LIBER 38 PAGE 13

ACCEPTED BY THE MACOMB COUNTY SURVEY PEER GROUP AS THE OFFICIAL CORNER UNDER MICHIGAN PUBLIC ACT 345 OF 1990 AT A MEETING HELD ON 12-15-93
FRANK J. DeDECKER, PS, PE, CHAIRMAN

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

REPLACED 1" PIPE WITH 3/4" BAR MACOMB COUNTY REMONUMENTATION MARKER #30092
WITNESSES:
N 05° E 40.96' FOUND POINT "C" ANGLE IRON FENCE POST IN CONCRETE
N 40° W 19.59' FOUND PK NAIL IN THE NORTHEAST FACE OF A 4" BASSWOOD TREE
EAST 7.50' FOUND 3/4" PIPE
SOUTH 60.34' FOUND PK NAIL IN THE NORTH EDGE OF ROSSO HIGHWAY
EAST 125.86' FOUND CENTERLINE OF SNOVER ROAD PAVEMENT

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: Shelby W. Money
Surveyor's Michigan License No. 90092

Date 12-15-93



4

AMENDED PLAT OF LOT 9 OF

EAST POINTE INDUSTRIAL SUBDIVISION

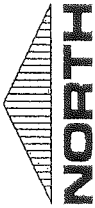
A SUBDIVISION OF PART OF EAST 1/2 & WEST 1/2 OF

FRACTIONAL SECTION 1, T.2N., R.13E.,

CLINTON TOWNSHIP, MACOMB COUNTY, MICHIGAN

LEGEND

- ALL DIMENSIONS ARE SHOWN IN FEET
- ALL CURVILINEAR DIMENSIONS ARE SHOWN ALONG THE CHORD.
- THE SYMBOL "O" INDICATES A 4" DIAMETER 36" LONG WITH 1/2" STEEL ROD CENTER CONCRETE MONUMENT HAS BEEN SET.
- (R) INDICATES RADIAL LOT LINES.
- (NR) INDICATES NON RADIAL LOT LINES.
- BEARINGS BASED ON THE EASTERLY LINE OF EAST POINTE INDUSTRIAL SUBDIVISION RECORDED IN LIBER 92 PAGE 47
- DNOTES FOUND MONUMENT (1/2" DIAMETER STEEL ROD IN 4" DIAMETER CONCRETE)



NORTH

ARG=70.64°
RADIUS=77.00'
CH=21.69
A=59.47
SOUTHWEST CORNER LOT 8
EAST POINTE INDUSTRIAL SUBDIVISION
LIBER 92 PAGE 47

REC-45-121-101
68.16
S.82°40'44"E. 374.82 (NR)
SOUTH LINE LOT 8

CAPITAL BLVD.
70' WIDE R.O.W.
SOUTH R.O.W. LINE CAPITAL BLVD.

1713.37
S.82°29'39"E.
SOUTHEAST CORNER LOT 10

15' PVT. ESMT. FOR ACCESS AND MAINTENANCE OF RETENTION BASIN AND FOR PUBLIC UTILITIES
LIBER 92 PAGE 47

10' PVT. ESMT. FOR ACCESS AND MAINTENANCE OF RETENTION BASIN AND FOR PUBLIC UTILITIES
LIBER 92 PAGE 47

20' PVT. ESMT. FOR ACCESS AND MAINTENANCE OF RETENTION BASIN AND FOR PUBLIC UTILITIES
LIBER 92 PAGE 47

30' PVT. ESMT. FOR ACCESS AND MAINTENANCE OF RETENTION BASIN AND FOR PUBLIC UTILITIES
LIBER 92 PAGE 47 INCLUDING LIBER 8645 PAGE 286

100' PVT. ESMT. FOR PUBLIC UTILITIES
LIBER 92 PAGE 47

54' PVT. ESMT. FOR COOL DRAIN

SOUTH LINE OF FRACTIONAL SECTION 1 AND NORTH LINE OF P.C. 172

CLINTON TWP. HARRISON TWP.



22-95.70

L-03

SOUTH 1/4 CORNER OF FRACTIONAL SECTION 1
T.2N., R.13E.
L.C.R.C.
LIBER 5003
PAGE 185

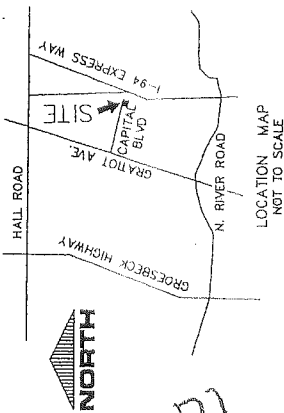
06060

INTERSECTION OF THE EAST AND SOUTH LINE OF FRACTIONAL SECTION 1 AND THE NORTH LINE OF P.C. 172
T.2N., R.13E.
L.C.R.C.
LIBER 5003
PAGE 185

5003

REGISTER # 4175908

LIBER 157 PAGE 16



10-2

POINT OF BEGINNING

28.07
S.82°40'44"E.

2747.62
S.03°24'00"W.

10'±
28.07

10'±
28.07

450.44
N.03°24'00"E. 450.44

452.57
S.03°24'00"W. 452.57

452.57
INTERMEDIATE TRAVERSE LINE

452.57
HARRISON TOWNSHIP

452.57
CLINTON TOWNSHIP

20' PVT. ESMT. FOR SANITARY SEWER
LIBER 92 PAGE 47

3212.19

452.57
HARRISON TOWNSHIP

452.57
CLINTON TOWNSHIP

452.57
EASTERLY LINE OF FRACTIONAL SECTION 1

10'±

10'±

87.22
S.02°00'15"E.

87.22
INTERMEDIATE TRAVERSE LINE

87.22
CLINTON TWP. HARRISON TWP.

87.22
SOUTH LINE OF FRACTIONAL SECTION 1 AND NORTH LINE OF P.C. 172

87.22
N.82°29'39"W. 582.33

87.22
HARRISON TOWNSHIP

87.22
P.C. 172

87.22
155' PVT. ESMT. FOR REAR YARD DRAINAGE
LIBER 92 PAGE 47

87.22
100' PVT. ESMT. FOR PUBLIC UTILITIES
LIBER 92 PAGE 47

87.22
30' PVT. ESMT. FOR ACCESS AND MAINTENANCE OF RETENTION BASIN AND FOR PUBLIC UTILITIES
LIBER 92 PAGE 47

87.22
20' PVT. ESMT. FOR ACCESS AND MAINTENANCE OF RETENTION BASIN AND FOR PUBLIC UTILITIES
LIBER 92 PAGE 47

87.22
10' PVT. ESMT. FOR ACCESS AND MAINTENANCE OF RETENTION BASIN AND FOR PUBLIC UTILITIES
LIBER 92 PAGE 47

87.22
15' PVT. ESMT. FOR ACCESS AND MAINTENANCE OF RETENTION BASIN AND FOR PUBLIC UTILITIES
LIBER 92 PAGE 47

1-94 CONNECTOR (SHOWER ROAD) 219' R.O.W.
HARRISON TOWNSHIP
LIBER 572 PAGES 408 & 409

Robert L. Smith
ROBERT L. SMITH PROFESSIONAL SURVEYOR NO. 16032



LEHNER ASSOCIATES, INC.
PROFESSIONAL ENGINEERS & SURVEYORS
17001 19 MILE ROAD - SUITE 3
CLINTON TOWNSHIP, MICHIGAN 48038
586-412-7050
FAX: 586-412-7114

5

AMENDED PLAT OF LOT 9 OF EAST POINTE INDUSTRIAL SUBDIVISION A SUBDIVISION OF PART OF EAST 1/2 & WEST 1/2 OF FRACTIONAL SECTION 1, T.2N., R.13E., CLINTON TOWNSHIP, MACOMB COUNTY, MICHIGAN

SURVEYOR'S CERTIFICATE

I, ROBERT L. SMITH, SURVEYOR, CERTIFY THAT I HAVE SURVEYED, DIVIDED AND MAPPED THE LAND SHOWN ON THIS PLAT, DESCRIBED AS AMENDED PLAT OF LOT 9 OF EAST POINTE INDUSTRIAL SUBDIVISION

A SUBDIVISION OF PART OF EAST 1/2 AND WEST 1/2 OF FRACTIONAL SECTION 1, T.2N., R.13E., CLINTON TOWNSHIP, MACOMB COUNTY, MICHIGAN, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF FRACTIONAL SECTION 1, THENCE S.03°24'00"W. 27.47.62 FT. ALONG THE EASTERLY LINE OF FRACTIONAL SECTION 1, ALSO BEING COMMON TO HARRISON TOWNSHIP AND CLINTON TOWNSHIP, TO THE POINT OF BEGINNING, THENCE CONTINUING ALONG SAID LINE S.99°24'00"W. 462.57 FT. TO THE SOUTH LINE OF FRACTIONAL SECTION 1 ALSO BEING THE NORTH LINE OF P.C. 172, THENCE S.18°28'38"W. 582.53 FT. TO THE SOUTHEAST CORNER OF LOT 10 OF "EAST POINTE INDUSTRIAL SUBDIVISION", AS RECORDED IN LIBER 92 PAGE 47; THENCE ALONG THE EAST LINE OF SAID LOT 10 OF "EAST POINTE INDUSTRIAL SUBDIVISION" AS RECORDED IN LIBER 92 PAGE 47; THENCE ALONG THE EAST LINE OF SAID A CURVE (RAD.=77.00 FT.) TO THE LEFT, WITH A CENTRAL ANGLE OF 52°43'56" BY CHORD BEARS N.68°47'40"E. 68.18 FT. TO THE SOUTH WEST CORNER OF LOT 9 OF SAID "EAST POINTE INDUSTRIAL SUBDIVISION", AS RECORDED IN LIBER 92 PAGE 47; THENCE S.82°40'44"E. 374.82 FT. ALONG THE SOUTH LINE OF SAID LOT 9 OF "EAST POINTE INDUSTRIAL SUBDIVISION" AS RECORDED IN LIBER 92 PAGE 47, TO AN INTERMEDIATE TRAVERSE LINE, THENCE ALONG SAID LINE THREE BEARING AND DISTANCES, S.03°24'00"W. 452.19 FT., S.82°30'13"E. 87.22 FT. AND S.03°24'00"E. 450.44 FT. TO THE SOUTH LINE OF SAID LOT 8 OF "EAST POINTE INDUSTRIAL SUBDIVISION", AS RECORDED IN LIBER 92 PAGE 47; THENCE S.82°40'44"E. 28.07 FT. TO THE POINT OF BEGINNING, CONTAINING ONE LOT NUMBERED 9 AND CONTAINING 5.08 ACRES OF LAND.

THAT I HAVE MADE SUCH SURVEY, LAND DIVISION AND PLAT BY THE DIRECTION OF THE OWNERS OF SUCH LAND, THAT SUCH PLAT IS A CORRECT REPRESENTATION OF ALL THE EXTERIOR BOUNDARIES OF THE LAND SURVEYED AND THE SUBDIVISION OF IT. THAT THE REQUIRED MONUMENTS AND LOT MARKERS HAVE BEEN LOCATED IN THE GROUND, AS REQUIRED BY SECTION 125 OF THE ACT. THAT THE ACCURACY OF SURVEY IS WITHIN THE LIMITS REQUIRED BY SECTION 126 OF THE ACT. THAT THE MARKINGS SHOWN ON THE PLAT ARE EXPRESSED AS REQUIRED BY SECTION 128 (3) OF THE ACT AND AS EXPLAINED IN THE LEGEND.



LEHNER ASSOCIATES, INC. 17001 19 MILE ROAD - SUITE 3 CLINTON TOWNSHIP, MICHIGAN 48038 ROBERT L. SMITH PROFESSIONAL SURVEYOR NO. 16032 VICE PRESIDENT, LEHNER ASSOCIATES, INC.

EXAMINED AND APPROVED DATE July 30, 2004 BY DEPARTMENT OF LABOR AND ECONOMIC GROWTH BY [Signature] MANAGER, OFFICE OF LAND SURVEY AND REMONUMENTATION

I, ROBERT L. SMITH, SURVEYOR, DO HEREBY CERTIFY THAT THE AMENDED PLAT OF LOT 9 OF "EAST POINTE INDUSTRIAL SUBDIVISION" A SUBDIVISION OF PART OF EAST 1/2 & WEST 1/2 OF FRACTIONAL SECTION 1, T.2N., R.13E., CLINTON TOWNSHIP, MACOMB COUNTY, MICHIGAN IS A TRUE AND EXACT COPY OF THE PORTION OF THE PLAT AS AMENDED BY THE ORDER OF THE COURT OF CLINTON TOWNSHIP, MICHIGAN CORPORATION, PETITIONER WHICH WAS ENTERED BY DEBRAE ENTERPRISES, INC. A MICHIGAN CORPORATION, UNDER CASE NO. 02-5722-AW, CIRCUIT COURT OF CLINTON COUNTY, MICHIGAN, IN TESTIMONY WHEREOF I HAVE HEREUNTO SET MY HAND AND OFFICIAL SEAL AT THE COUNTY OF MACOMB, STATE OF MICHIGAN, THIS 29th DAY OF June 2004.



ROBERT L. SMITH PROFESSIONAL SURVEYOR NO. 16032

I, CARMELLA SABAUGH, COUNTY CLERK, DO HEREBY CERTIFY THAT THE AMENDED PLAT OF LOT 9 OF "EAST POINTE INDUSTRIAL SUBDIVISION" A SUBDIVISION OF PART OF EAST 1/2 & WEST 1/2 OF FRACTIONAL SECTION 1, T.2N., R.13E., CLINTON TOWNSHIP, MACOMB COUNTY, MICHIGAN IS A TRUE AND EXACT COPY OF THE PORTION OF THE PLAT AS AMENDED BY THE ORDER IN THE MATTER OF DEBRAE ENTERPRISES, INC. A MICHIGAN CORPORATION, PETITIONER WHICH WAS ENTERED BY CIRCUIT JUDGE DONALD G. MILLER IN CIRCUIT COURT, UNDER CASE NO. 02-5722-AW, COUNTY OF MACOMB, STATE OF MICHIGAN, IN TESTIMONY WHEREOF, I HAVE HEREUNTO SET MY HAND AND OFFICIAL SEAL AT THE COUNTY OF MACOMB, STATE OF MICHIGAN, THIS 29th DAY OF June 2004.

Carmella Sabaugh REGISTER OF DEEDS

RECORDING CERTIFICATE STATE OF MICHIGAN) COUNTY OF MACOMB)

THIS PLAT WAS RECEIVED FOR RECORD ON THE 3rd DAY OF June 2004 AT 2:00 PM AND RECORDED IN LIBER 152 OF PLATS ON PAGE 1617

[Signature] CARMELLA SABAUGH - CLERK REGISTER OF DEEDS

by BETTY A. FELTON CHIEF DEPUTY REGISTER OF DEEDS



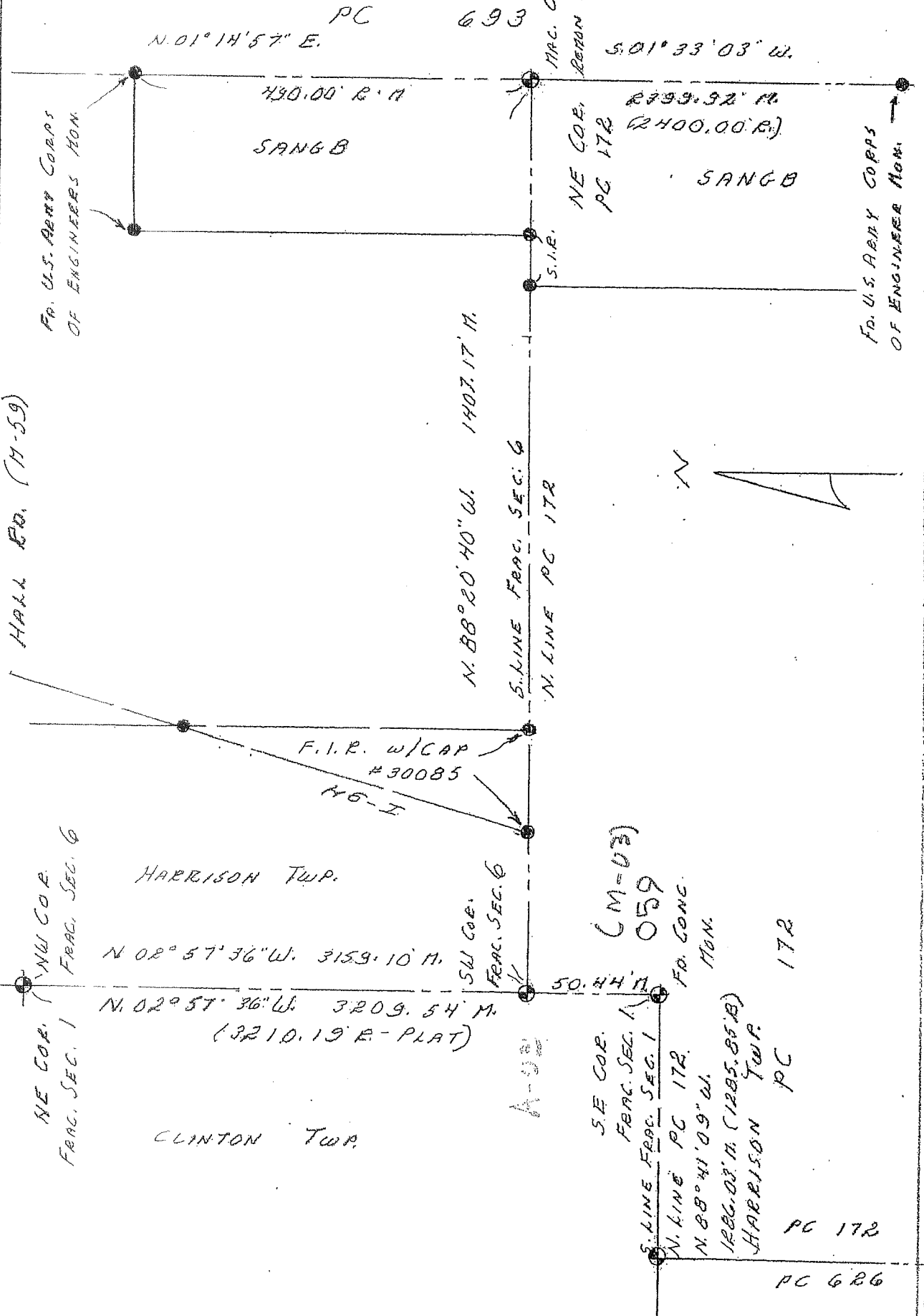
LEHNER ASSOCIATES, INC. PROFESSIONAL ENGINEERS & SURVEYORS 17001 19 MILE ROAD, SUITE 3 CLINTON TOWNSHIP, MICHIGAN 48038 586-412-7050 586-412-7114 FAX: 586-412-7114

CALC. 5-26-04

N. LINE PC 172

1-26-17

22-141 3 SHEETS
22-142 10 SHEETS
22-143 10 SHEETS



HALL RD. (17-59)

FR. U.S. ARMY CORPS
OF ENGINEERS MON.

MAC. CO.
NE COR.
PC 172
REBORN MON.

FR. U.S. ARMY CORPS
OF ENGINEER MON.

NE COR.
FRAC. SEC. 1
NW COR.
FRAC. SEC. 6

HARRISON TWP.

CLINTON TWP.

SW COR.
FRAC. SEC. 6

(M-03)
059

SE COR.
FRAC. SEC. 1

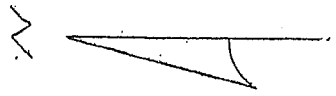
FR. CONC.
MON.

HARRISON TWP.
PC 172

PC 172

PC 172

PC 686



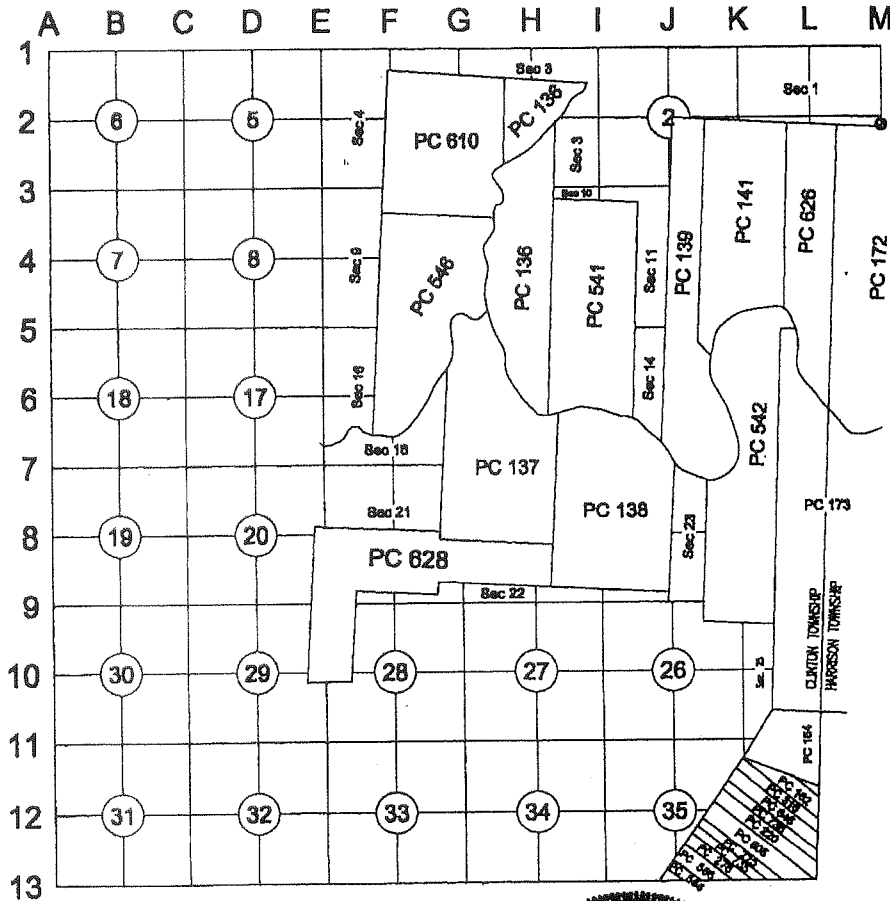
Land Corner Recordation Certificate
2017 Annual Grant Agreement
Authority: MICH. 1970 PA 74, MCL 54.205

Surveyor's Name: Huston K. Kennedy
For Corner(s) In: Macomb County

Field Survey Date: July 19, 2017
Municipality: Clinton Township

Corner Type	Section Private Claim	Survey Township	Corner Code	Other Code
Original Public Land Survey Corner	Sec. 1 PC 172	T 02 N R 13 E	SEC1FR/PC172	059

Other Code Corner Description: Southeast corner of Fractional Section 1, located on the North line of Private Claim 172



4 mcd

7

Part A: Corner History:

- 1.) 1810 – Aaron Greeley, Surveyor of Private Claim #172
- 2.) 1818 – Preston, D.S., ran the east line of Sec 1, T2N, R13E, 46.95 chains and intersected the north line of Private Claim 19.20 chains east of the corner Private Claim #172
- 3.) 1989 – "MAPLEHURST SUBDIVISION" a plat recorded in Liber 89 of Plats, pages 31-34. Depicts the intersection of the east line of Fractional Sec 1, and the north line of Private Claim #172, also states the southeast corner of Fractional Sec 1
- 4.) 1990 – Smith, RLS #16052; LCRC L. 5003, pg. 185 (M-03). Concrete Monument
- 5.) 1990 – "EAST POINTE INDUSTRIAL SUBDIVISION" a plat recorded in Liber 92 of Plats, on pgs. 47-50. Depicts the intersection of the east line of fractional Sec 1 and the north line of Private Claim #172
- 6.) 2004 – "AMENDED PLAT OF LOT 9 OF EAST PRIVATE INDUSTRIAL SUBDIVISION" a plat recorded in Liber 157 of Plats, on pgs. 16-17, depicts the intersection of the east and south line of fractional Sec 1, and the north line of Private Claim #172, T2N, R13E, LCRC recorded in Liber 5003, pg. 185.
- 7.) 2008 – Dunn, PS #28408; LCRC L. 19452, pgs. 167-168 and re-recorded in Liber 19502, pgs. 761-762 – for PC-012 which cites a distance from PC-012 to M-03 (not a remon corner)
- 8.) 2008 – Dunn, PS #28404; LCRC L. 19452, pgs. 181-182 and re-recorded in Liber 19502, pgs. 763-764 – Cites a distance from PC-002 to M-03 (not a remon corner)
- 9.) 2004 – Sketch prepared by Steven E. Dunn, PS #28404; based upon a survey of Selfridge Air Force Base property

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

1818 – William Preston, D.S. ran the west line of Section 6, Town 02 North, Range 14 East, 46.95 chains and intersected the North line of Private Claim 19.20 chains east of the corner Private Claim #172, which would indicate that the Southwest corner of Fractional Section 6, Town 02 North, Range 14 East, would be a common corner with the Southeast corner of Fractional Section 1, Town 2 North, Range 13 East, Clinton Township. However, the 1818 GLO Map for Clinton Township calls for a 0.80 chain staggering between the northwest corner of Private Claim #172 and the northeast corner of Private Claim #626. A. Greeley, Surveyor of Private Claims, 1810 descriptions call for 152 chains, 15 links for the west line Private Claim #172 and the same for east line of Private Claim #626. Therefore, there would be a stagger at the mentioned corner. In my professional opinion, there was a Scribner error and the fall should have been between the Southeast corner of Fractional Section 1, T02N, R13E and the Southeast corner of Fractional Section 6, T2N, R14E.

Found a 4" diameter concrete monument with a 1/2" iron rod 8.5' east and 25' north of a fence corner with a 8' chain link fence extending to the north and west, 15' ± west of the center of the Gohl Drain extending to the north and west.

The witnesses from the above mentioned recorded LCRC and the comparison of the recorded distance to the measured distance to the north (M-01) and west (PC-002 and PC-012) was used to validate the location of the found 4" diameter concrete monument with a 1/2" iron as the best evidence of OC-059. I therefore, recommend to the Macomb County Survey Peer Group that they accept the found 4" diameter concrete monument with a 1/2" iron rod as the best location for OC-059 to be perpetuated.

RECORDED, UNRECORDED AND FIELD MEASUREMENTS BETWEEN ADJACENT CORNERS

OC-059 (M-03) to M-01

GLO = 46.95 chains or 3098.70 Ft.
 "MAPLEHURST SUBDIVISION" = 3210.19 Ft.
 "EAST POINTE INDUSTRIAL SUBDIVISION" = 3210.18 Ft.
 "AMENDED PLAT OF LOT 9 EAST POINTE INDUSTRIAL SUBDIVISION" = 3210.19 Ft.
 Sketch prepared by Steve E. Dunn, PS #28408 dated May 26, 2004 = 3209.54 Ft.
 N02°57'43" W 3209.57 Ft. (mea. 2017)

OC-59 (M-03) to PC-012 (Harrison Twp.) and PC-002 (Clinton Twp.)

GLO = 19.20 chains or 1267.20 Ft.
 "EAST POINTE INDUSTRIAL SUBDIVISION" = 1285.85 Ft.
 LCRC'S recorded in Liber 19502, pgs. 761-762 & Liber 19502, pgs. 763-764 = 1286.03 Ft.
 Sketch prepared by Steven E. Dunn, PS #28408 dated May 26, 2004 = 1286.03 Ft.
 N88°41'58" W 1286.04 Ft. (mea. 2017)

OC-59 (M-03) to OC-060 (L-03)

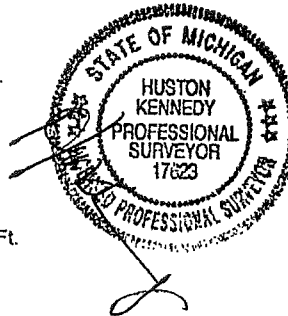
No GLO
 "EAST POINTE INDUSTRIAL SUBDIVISION" = 2295.70 Ft.
 "AMENDED PLAT OF LOT 9 EAST POINTE INDUSTRIAL SUBDIVISION" = 2295.70 Ft.
 N88°40'06" W 2295.70 Ft. (mea. 2017)

Part C: Field Evidence of Perpetuation or Monumentation of Corner:

OC-059 (M-03) I accepted the found 4" diameter concrete monument with a 1/2" iron rod and placed a 2" diameter brass cap stamped "Macomb County Monument, MI Act #345, PS #17623" (OC-059)

Accessories:

- N50°W 26.60' Set 1/2" iron rod with a blue plastic cap stamped "MC REMON WIT POINT" top of bank east side of drain
- N10°E 57.12' Fnd cut "x" south edge of catch basin rim
- S10°W 24.98' Fnd cut "x" east face 8" anchor post
- N10°E 17.84' Set Mag Nail w/washer stamped "Macomb County Witness Tag" west face 14" Poplar
- N30°W 11.22' Set Mag Nail w/washer stamped "Macomb County Witness Tag" NE face 9" Oak
- N02°57'43" W 50.42' southwest corner of fractional Section 6, T02N, R14E, (OC-071)



I, Huston K. Kennedy, P.S., in a field survey on July 19, 2017, 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.

Huston K. Kennedy
Huston K. Kennedy, P.S.

August 29, 2017
Date



Professional Surveyor's License No.: 17623

Prepared By:
Huston K. Kennedy, PS
105 North Washington Street
Oxford, Michigan 48371

Geodetic Coordinate Data for corner

Corner Code and Narrative Description: OC-059 SEC1FR/PC172

Date of Observation	Latitude	Longitude	Datum and Adjustment Year	Epoch Date
12 October 2017	N42°37'16.687995"	W-82°51'21.044780"	NAD83 (2011)	2010.0000

Method for Latitude-Longitude determination: Dual Frequency Static Observations constraining to the CORS stations of Auburn Hills (AJ5557), Livonia (DK7841) and Brighton (AJ5553), with 3 dimensional least square adjustment.

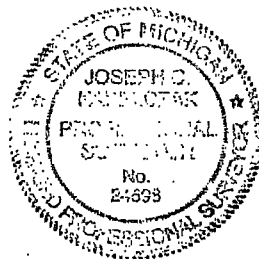
Disclaimer on accuracy of values reported relative to their use: 1' ±.

State Plane Coordinates in international feet: N-412280.74, E-13529956.60
Standard Deviation: N-0.07 E-0.08
Zone South
Combined Factor: 0.99989
NGSPID: = Washington Station (DH 9019)
Survey Method: GPS C2-11
Orthometric Height: 584.44
Elev. Datum: NAVD 88

I, Joseph C. Kapelczak, state under the requirements of the State Survey and Remonumentation Act, 1990 PA 345, MCL 54.261 to 54.279, that the Latitude and Longitude reported hereon were observed by me for the corner identified hereon and that the data reported meets the requirements prescribed for the State Survey and Remonumentation Program.

Joseph C. Kapelczak
Joseph C. Kapelczak, PS

Aug. 29, 2017
Date



Professional Surveyor's License No.: 24598

JCK Group, Inc.
8615 Richardson Road
Suite 100
Commerce Township, MI 48390

I, Martin C. Dunn, state that the corner(s) identified and described hereon and perpetuated or monumented as described in Parts A, B, and C above was presented to and reviewed by the Peer Review Group on August 8, 2017 and is accepted for filing in the Macomb County Remonumentation Program.

Martin C. Dunn
Martin C. Dunn, P.S.

12-12-2017
Date

Macomb County Surveyor Representative
License No. 30081

