
**MACOMB COUNTY 2016 REMONUMENTATION GRANT
PROGRAM FOR CLINTON TOWNSHIP
D-06**

Section One

Index

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

Section Two

Surveyor's Report

Land Corner Recordation Certificate

Section Three

1-2. Field Notes

3. Map of Clinton Township – 1875

4. Map of Clinton Township – 1895

5. Map of Clinton Township – 1916

6. Map of Clinton Township – 2006

7. Macomb County Composite Map 11-17B

8. Macomb County Composite Map 11-17C

9. Macomb County Composite Map 11-17F

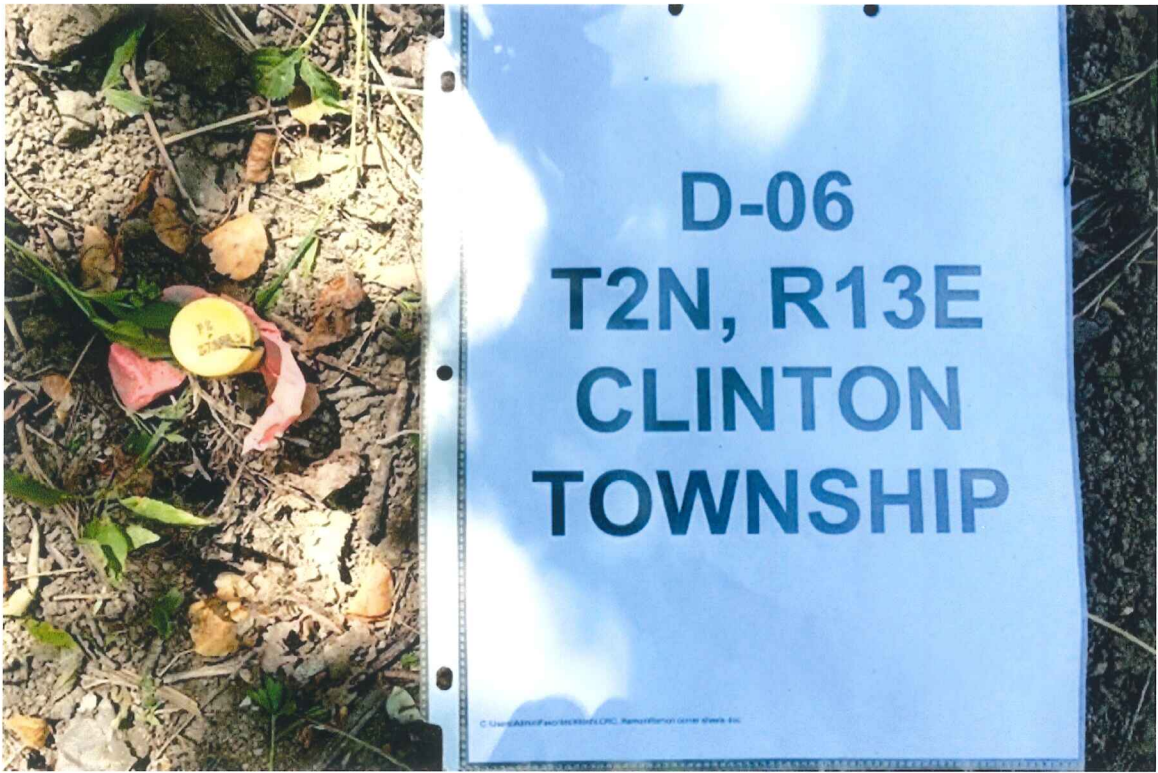
10. Macomb County Composite Map 11-17G

Section Four

1. "THORTON SUBDIVISION", Liber 69, Pages 44-46, Sheets one, two and three of three

2. Certificate of Survey L. 18513, Pages 194-195, Pages one and two of two





D-06
T2N, R13E
CLINTON
TOWNSHIP

© 2004 by the Board of Surveyors, Inc.





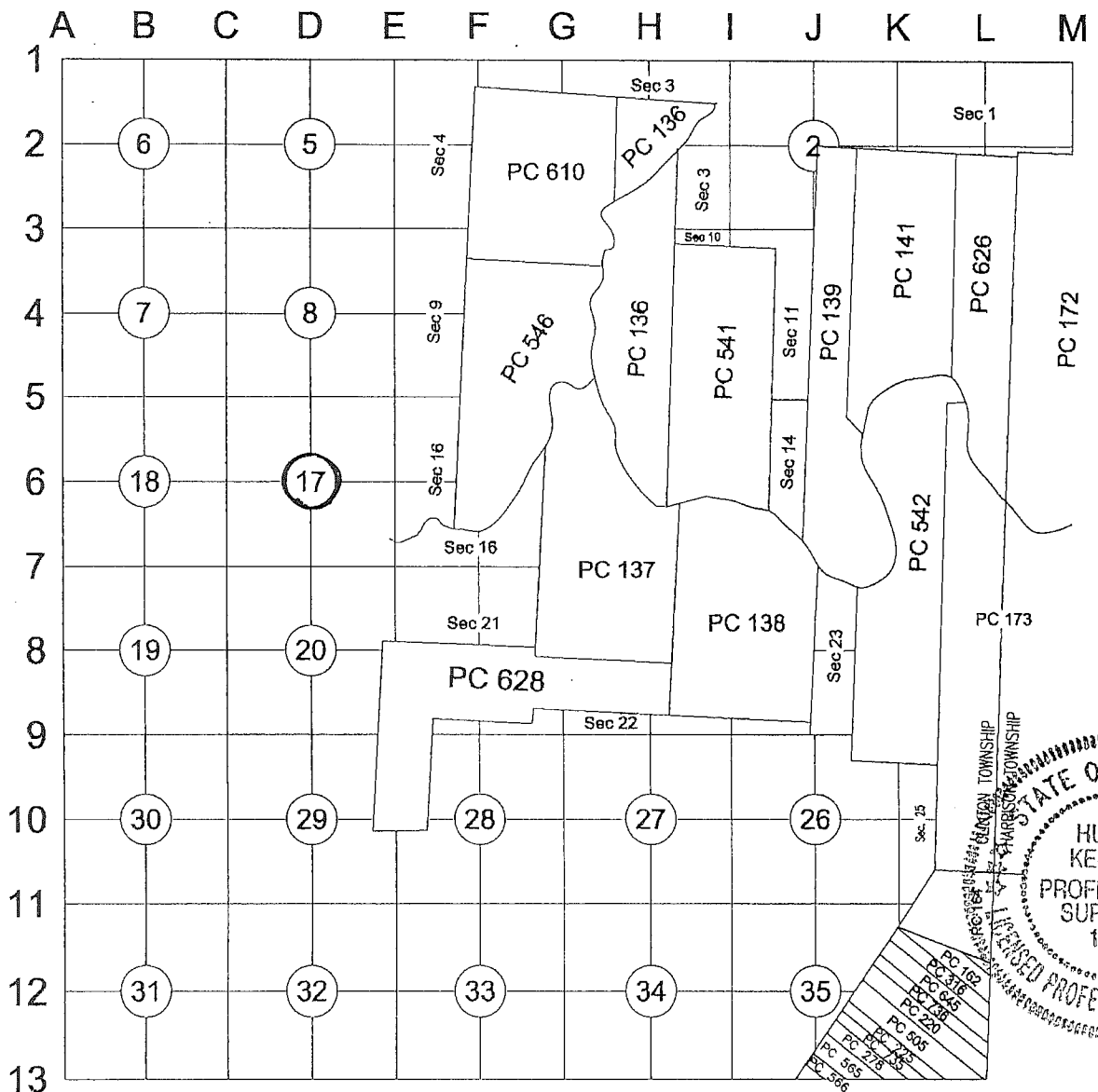
Land Corner Recordation Certificate
2016 Annual Grant Agreement
 Authority: MICH. 1970 PA 74, MCL 54.205

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

Field Survey Date: June 4, 2016
 Municipality: Clinton Township

Corner Type	Section Private Claim	Survey Township				Corner Code
Original Public Land Survey Corner	S/PC _____	T _____	N _____	R _____	E _____	_____
Property Controlling Corner	S/PC _____	T _____	N _____	R _____	E _____	_____
Property Corner	S/PC _____	T _____	N _____	R _____	E _____	_____
Protracted Public Land Survey Corner	S/PC <u>17</u>	T <u>02</u>	N _____	R <u>13</u>	E _____	D-06

Other Corner Code Description:



4 MD

Part A: Corner History:

- 1.) 1817-Preston, D.S., Center of Section 17 was not monumented during the original government survey
- 2.) 1977-"THORNTON SUBDIVISION", L. 69, pages 44-46
- 3.) 2007-Redash, PS #37261; Certificate of Survey, L. 018513, pages 00194-00195. Set a 1/2" iron w/cap #37281

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

The Center of Section 17 has been perpetuated with a capped 1/2" x 18" iron rod (#37281) that falls at the approximate west edge of the Kukuk Drain extending to the north and south.

The witnesses from the above mentioned item #3 listed in Part "A", the comparison of the recorded distance to the measured distance between the following adjacent public land corners to the north (D-05) and south (D-07) along with the found local monumentation in the adjoining plat were used to validate the found capped 1/2" iron rod as the best evidence for the Center of Section 17 (D-06) to be perpetuated.

RECORDED, UNRECORDED AND FIELD MEASUREMENTS BETWEEN ADJACENT CORNERS

D-06 to D-05

No GLO

Certificate of Survey recorded in Liber 18513, pages 194-195 = 2643.84 Ft.

N01°49'37" W 2643.89 Ft. (mea. 2016)

D-06 to D-07

No GLO

"THORNTON SUBDIVISION", Liber 69, pages 44-46 = 2689.37 Ft.

S02°10'35" E 2689.32 Ft. (mea. 2016)

D-06 to C-06

No GLO

S86°47'23" W 2693.77 Ft. (mea. 2016)

D-06 to E-06

No GLO

N87°00'25" E 2765.89 Ft. (mea. 2016)

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

D-06 I replaced the found capped 1/2" iron rod (#37281) with a 4" diameter x36" long concrete monument with a 1/2" iron rod with a 2" diameter aluminum cap stamped "Macomb County Monument, MI Act #345, PS #17623" (D-06)

Accessories:


Due East 52.63' Set Mag Nail w/Remon washer stamped "Macomb County Witness Tag" NW face power pole

S57°E 70.76' Set Mag Nail w/Remon washer stamped "Macomb County Witness Tag" SW face power pole

S38°E 94.47' Set Mag Nail w/Remon washer stamped "Macomb County Witness Tag" SE face power pole

N46°W 24.65' Set Mag Nail w/Remon washer stamped "Macomb County Witness Tag" SW face 9" Maple

I, Huston K. Kennedy, P.S., in a field survey on June 4, 2016, 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.

9/14/16
Date

Professional Surveyor's License No.: 17623

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



Geodetic Coordinate Data for corner

Corner Code and Narrative Description: G-06, T02N, R13E

Date of Observation	Latitude	Longitude	Datum and Adjustment Year	Epoch Date
14 June 2016	N42°35'28.831455	W-82°56'31.703286	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-400959.31 E-13506919.88

Standard Deviation: 0.04 N-0.05 E

Zone South

Combined Factor: 0.99989

NGSPID: = Washington Station (DH 9019)

Survey Method: GPS C2-II

Orthometric Height: 587.23

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

SEPT. 14, 2016
Date



Professional Surveyor's License No.: 24598

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

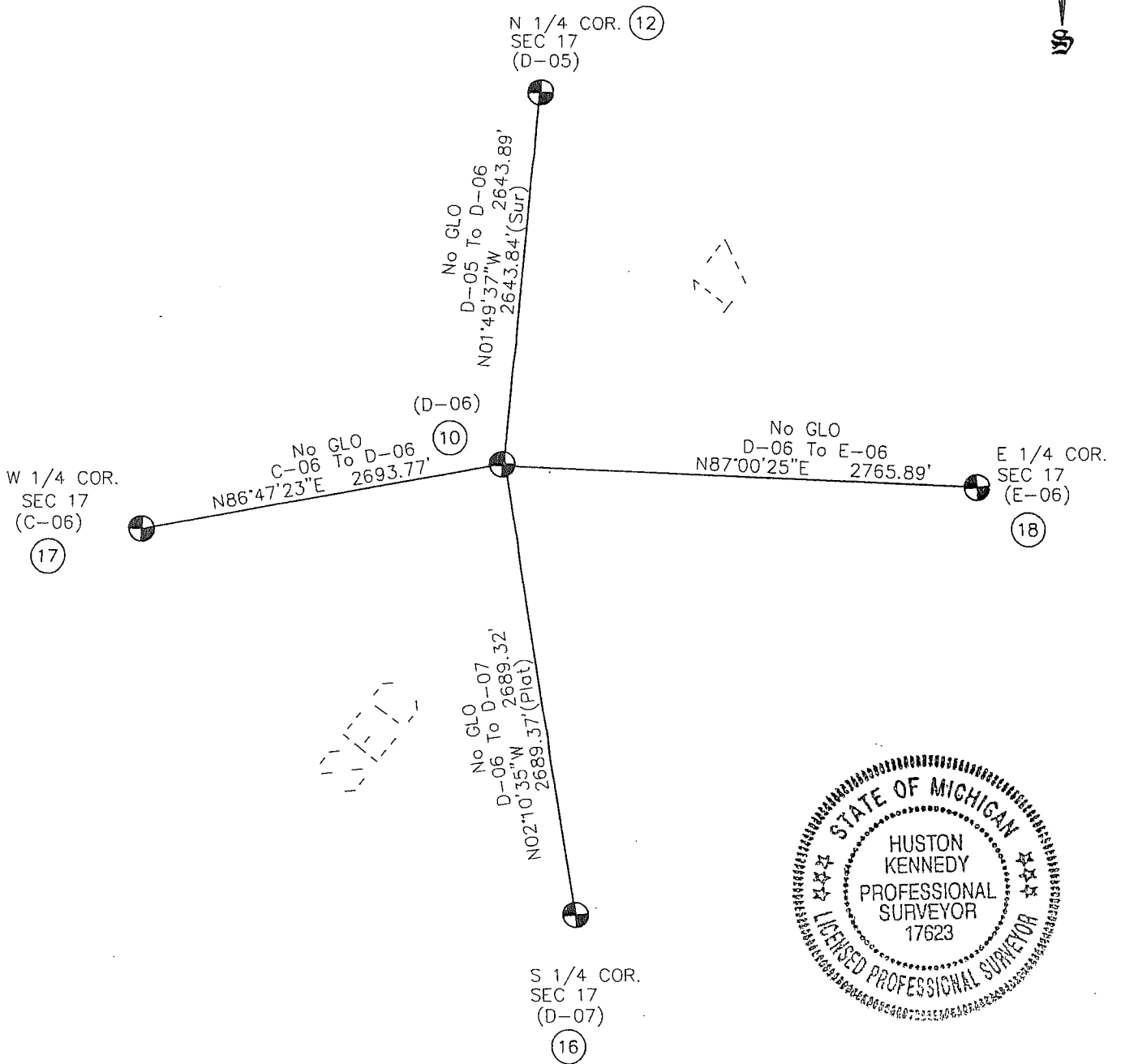
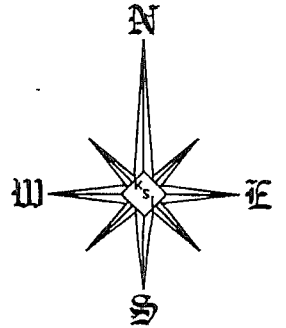
I, Martin C. Dunn, state that the corner(s) identified and described hereon and perpetuated or monumented as described in Parts A, B, and C above was presented to and reviewed by the Peer Review Group on August 2, 2016 and is accepted for filing in the Macomb County Remonumentation Program.

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

9-30-2016
Date

Macomb County Surveyor Representative
License No. 30081

SKETCH OF CORNER LOCATION



SECTION 17, T02N, R13E
CLINTON TOWNSHIP
(16-7610)

Center of Section that is being accepted and used. (10)

NTS = Not To Scale

Land Corner Recordation Certificate
T 02 N R 13 E Code D-06

**2016
MACOMB COUNTY REMONUMENTATION
GRANT PROGRAM FOR
CLINTON TOWNSHIP
Research Dossier
D-06**

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

Sources of Information Researched For Macomb County 2016 Remonumentation Grant Program for 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) David P. Smith & Associates, Inc.
 - f) Fenn & Associates Surveying, Inc.
 - g) George Jerome & Company
 - h) Grant Ward Surveyors
 - i) Great Lakes Geomatics
 - j) JCK Group, Inc.
 - k) James Land Surveying
 - l) Kem-Tec & Associates
 - m) Kieft Engineering, Inc.
 - n) Lehner Associates, Inc.
 - o) Metco Land Sea Corp.,
 - p) Milletics & Associates
 - q) R. A. Duthler Land Surveyor, LLC
 - r) Reichert Surveying
 - s) R. J. Donnelly & Associates
 - t) Road Commission for Macomb County
 - u) Rowe Professional Services
 - v) Spalding, DeDecker & Associates
 - w) Urban Land Consultants, LLC
 - x) William J. Angus & Associates

D-06 TOWN 02 NORTH, RANGE 13 EAST, CLINTON TOWNSHIP

Recorded and unrecorded surveys, LCRC's, plats and condominium plans that were used to recover and verify the location of D-06.

EXISTING FILED CONDITIONS

The Center of Section 17 has been perpetuated with a capped ½" x 18" iron rod #37281 that falls at the approximate west edge of the Kukuk Drain extending to the north and south.

GLO HISTORY

1818 – W. Preston, D.S. The township was divided into sections with closing corners set on the north and west lines of the township, the Center of Section 17 was not monumented during the original government survey.

RECORDED AND UNRECORDED INFORMATION USED TO RECOVER AND VERIFY THE LOCATION OF THIS CORNER

August 14, 1977 – "THORNTON SUBDIVISION", Liber 69, pages 44-46.

February 16, 2007 – John N. Redash, PS #37261 recorded a Certificate of Survey in Liber 018513, pages 00194-00195 of Macomb County Records. He set a ½" iron w/cap #37281.

WITNESSES:

N45°E Set Mag nail & GWE Tag #38397 92.08 Ft. SE face utility pole
S30°E Set Mag nail & GWE Tag #38396 70.38 Ft. SW face utility pole
S10°E Set Mag nail & GWE Tag #38398 27.18 Ft. West face twin 4" Poplar
Due West edge of water of Kukuk Drain 4 Ft.

RECORDED, UNRECORDED AND FIELD MEASUREMENTS BETWEEN ADJACENT CORNERS

D-06 to D-05

No GLO

Certificate of Survey recorded in Liber 18513, pages 194-195 = 2643.84 Ft.

N01°49'37" W 2643.89 Ft. (mea. 2016)

D-06 to D-07

No GLO

"THORNTON SUBDIVISION", Liber 69, pages 44-46 = 2689.37 Ft.

S02°10'35" E 2689.32 Ft. (mea. 2016)

D-06 to C-06

No GLO

S86°47'23" W 2693.77 Ft. (mea. 2016)

D-06 to E-06

No GLO

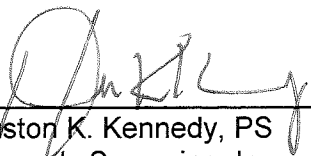
N87°00'25" E 2765.89 Ft. (mea. 2016)

D-06 (as monumented) to D-06 (intersection of the ¼ lines)

S60°19'37" E 9.56 Ft. (cal.)

SURVEYOR'S RECOMMENDATION

The witnesses from the above mentioned recorded Certificate of Survey the comparison of the recorded distance to the measured distance between the following adjacent public land corners to the north (D-05) and south (D-07) along with the found monumentation in the adjoining plat were used to validate the location of the found capped 1/2" iron rod (#37261) as the Center of Section 17 as of June 17, 2016. I therefore, recommend to the Macomb County Survey Peer Group to accept the location of the found capped 1/2" iron rod (#37261) as the best evidence of the Center of Section 17 (D-06) to be perpetuated.



Huston K. Kennedy, PS
Kennedy Surveying, Inc.

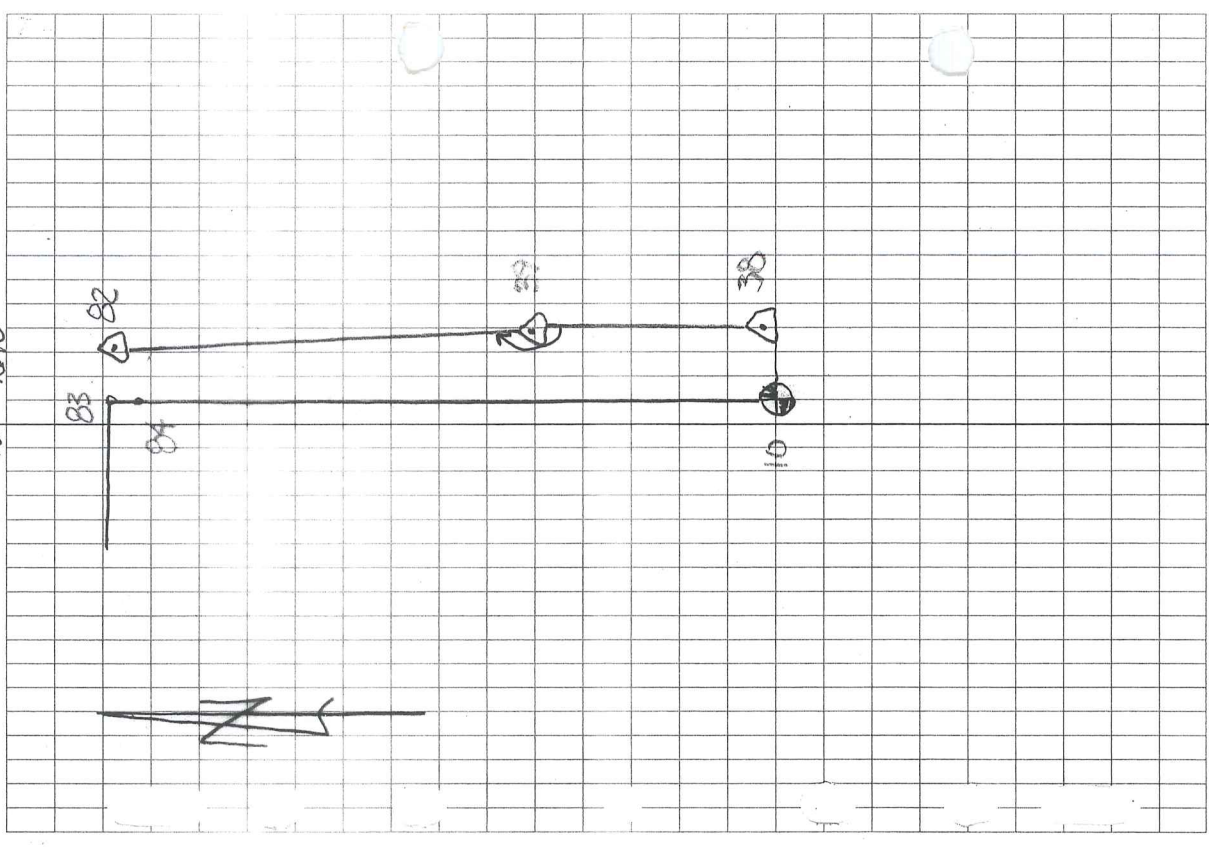
HKK/clh

*Used to verify the location of the found corner (D-06)

**2016
MACOMB COUNTY REMONUMENTATION
GRANT PROGRAM FOR
CLINTON TOWNSHIP D-06**

612916
KKTG

16-7610



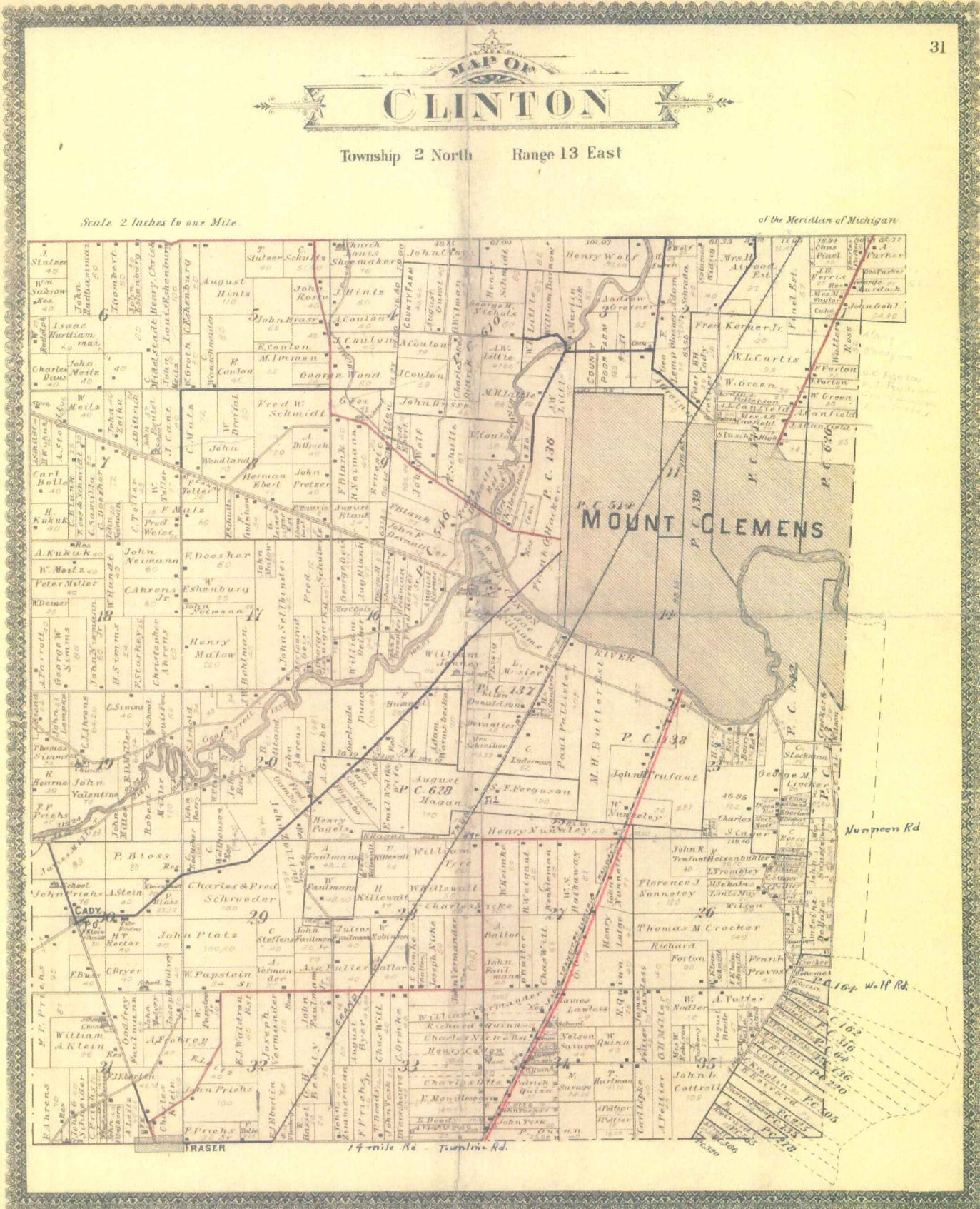
296.679 (6210)	x	39-38	
296.72 (6000)		296.72	
HP 38 TO PT 82 (HR)	x	39-82	#60
1 176-46-55		1046.35	TRAIL
2 353-33-50			
M 176-46-55			
HP 39 TO PT 83 (HR)		82-83	FLANK
1 76-30-00		42.05	MOR.
2 153-00-00			
M 76-30-00			
HP 39 TO PT 84 (HR)	y	82-84	PT
1 69-08-15		47.30	TRAIL
2 138-16-20			47955
M 69-08-15			
HP 39 TO PT 85 (HR)	y	38-85	WITNESS
1 85 56-12-00		20.28	EAST
2 148-30-50		37.52	WITNESS
M 10-35-05		80.60	SE
HP 39 TO PT 10 (HL)		38-10	WITNESS
1 82-51-50		40.64	NE
2 165-43-40			
M 82-51-50			

MAP OF CLINTON

Township 2 North Range 13 East

Scale 2 Inches to one Mile

of the Meridian of Michigan

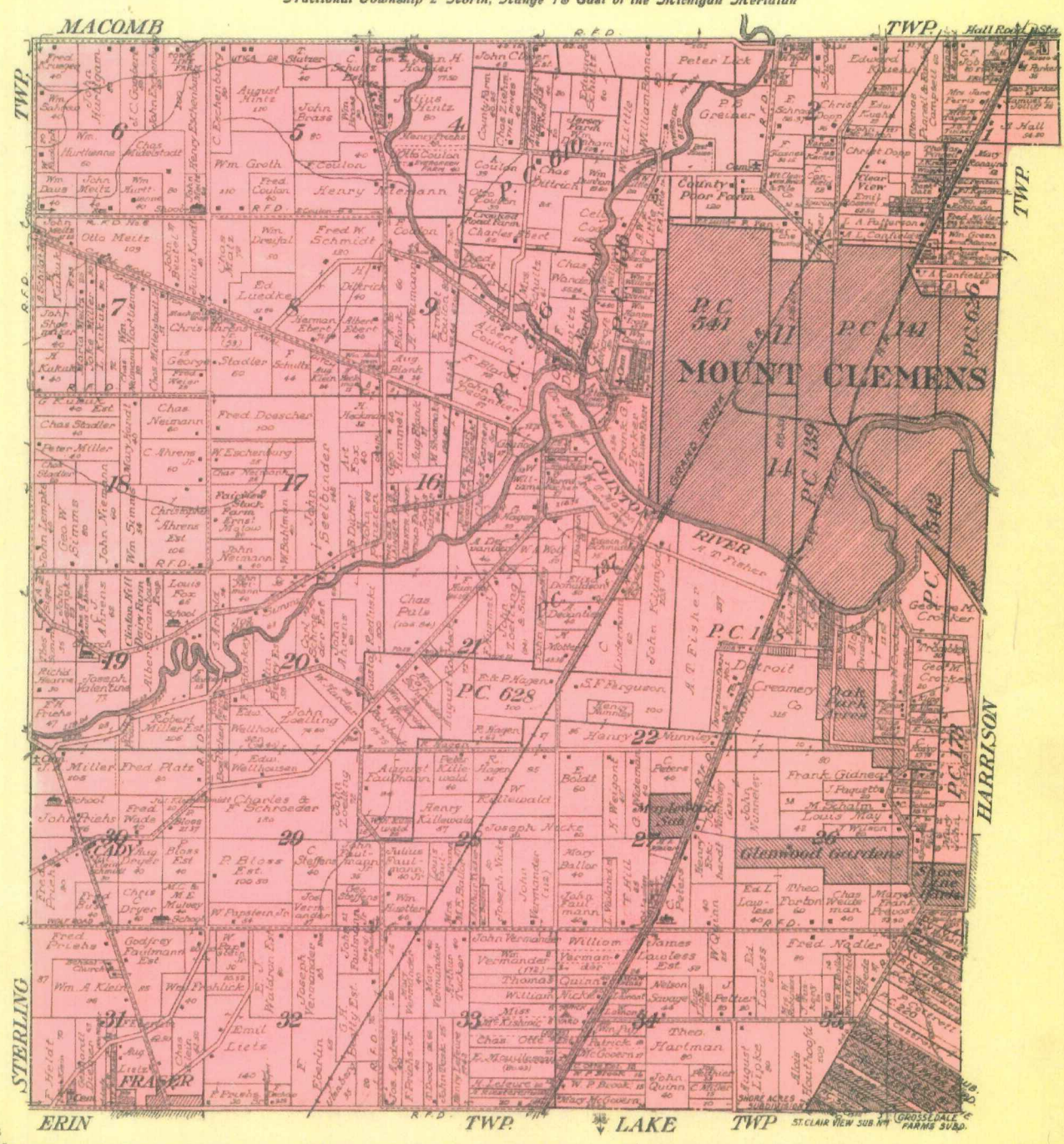


④ 1895

MAP OF
CLINTON
 TOWNSHIP

Scale 2 inches to 1 mile

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

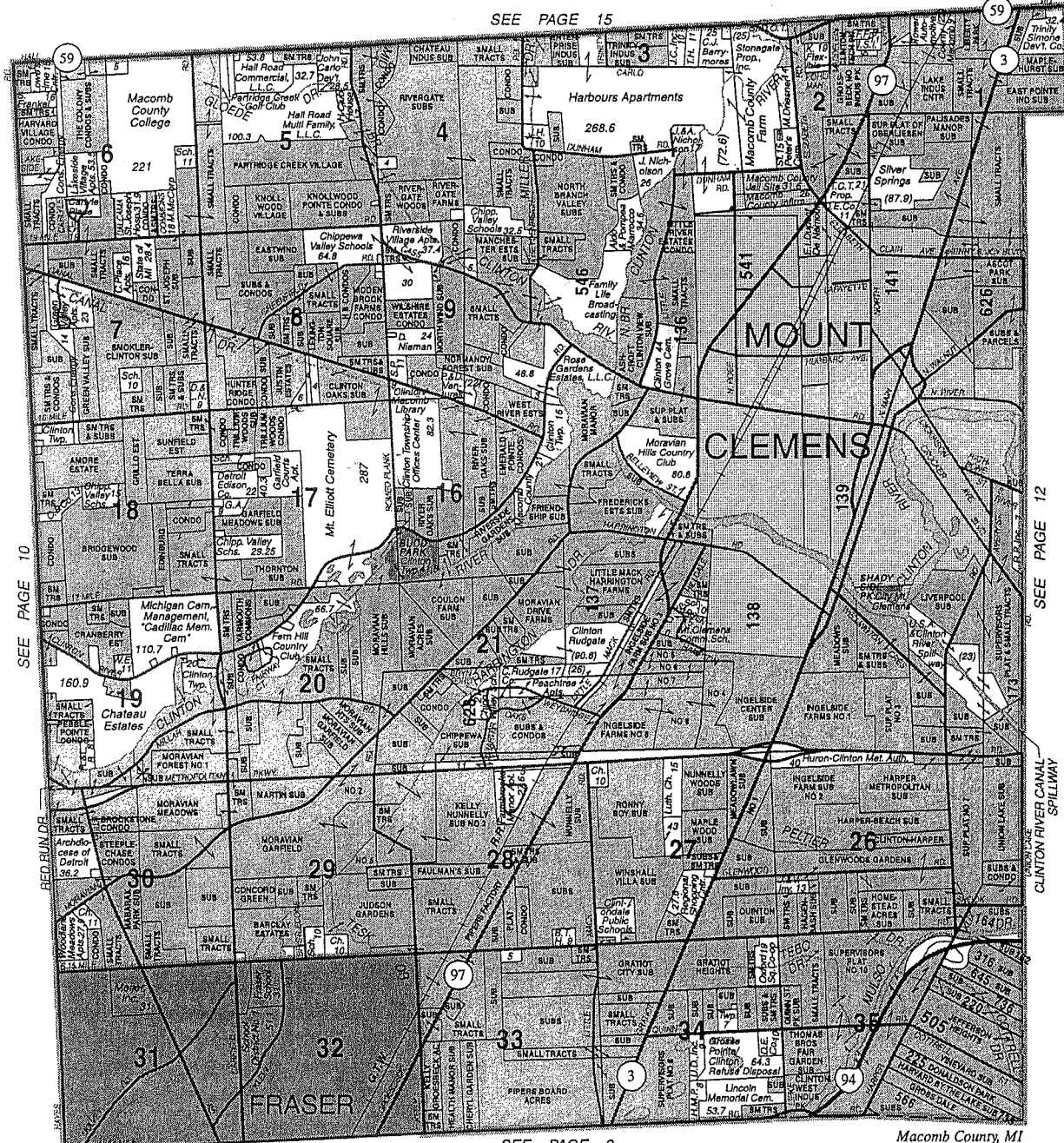


⑤ 1916

CLINTON - CITY OF FRASER

T.2N.-R.13E.

SEE PAGE 15



SEE PAGE 10

SEE PAGE 12

SEE PAGE 9

Macomb County, MI

© 2006 Rockford Map Publs., Inc.



BOSS ENGINEERING

engineers • surveyors • planners • landscape architects

3121 EAST GRAND RIVER • HOWELL, MI 48843 • (517) 546-4836

24435 HALSTED • FARMINGTON HILLS, MI 48335 • (248) 626-2677

www.bosseng.com

- Residential Subdivisions
- Commercial Developments
- Planned Unit Developments

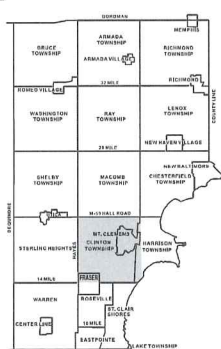
- Wastewater Treatment Plants
- Septic System Design
- Construction Staking

- Land Divisions
- Boundary and Lot Surveys
- Topographical Surveys
- ALTA Surveys





Date of Photography: Spring 2012
 100 50 0 100 200 Feet



CLINTON TWP SHEET INDEX

11-17-001	11-17-002	11-17-003	11-17-004	11-17-005	11-17-006	11-17-007	11-17-008	11-17-009	11-17-010	11-17-011	11-17-012	11-17-013	11-17-014	11-17-015	11-17-016	11-17-017	11-17-018	11-17-019	11-17-020	11-17-021	11-17-022	11-17-023	11-17-024	11-17-025	11-17-026	11-17-027	11-17-028	11-17-029	11-17-030	11-17-031	11-17-032	11-17-033	11-17-034	11-17-035	11-17-036	11-17-037	11-17-038	11-17-039	11-17-040	11-17-041	11-17-042	11-17-043	11-17-044	11-17-045	11-17-046	11-17-047	11-17-048	11-17-049	11-17-050	11-17-051	11-17-052	11-17-053	11-17-054	11-17-055	11-17-056	11-17-057	11-17-058	11-17-059	11-17-060	11-17-061	11-17-062	11-17-063	11-17-064	11-17-065	11-17-066	11-17-067	11-17-068	11-17-069	11-17-070	11-17-071	11-17-072	11-17-073	11-17-074	11-17-075	11-17-076	11-17-077	11-17-078	11-17-079	11-17-080	11-17-081	11-17-082	11-17-083	11-17-084	11-17-085	11-17-086	11-17-087	11-17-088	11-17-089	11-17-090	11-17-091	11-17-092	11-17-093	11-17-094	11-17-095	11-17-096	11-17-097	11-17-098	11-17-099	11-17-100	11-17-101	11-17-102	11-17-103	11-17-104	11-17-105	11-17-106	11-17-107	11-17-108	11-17-109	11-17-110	11-17-111	11-17-112	11-17-113	11-17-114	11-17-115	11-17-116	11-17-117	11-17-118	11-17-119	11-17-120	11-17-121	11-17-122	11-17-123	11-17-124	11-17-125	11-17-126	11-17-127	11-17-128	11-17-129	11-17-130	11-17-131	11-17-132	11-17-133	11-17-134	11-17-135	11-17-136	11-17-137	11-17-138	11-17-139	11-17-140	11-17-141	11-17-142	11-17-143	11-17-144	11-17-145	11-17-146	11-17-147	11-17-148	11-17-149	11-17-150	11-17-151	11-17-152	11-17-153	11-17-154	11-17-155	11-17-156	11-17-157	11-17-158	11-17-159	11-17-160	11-17-161	11-17-162	11-17-163	11-17-164	11-17-165	11-17-166	11-17-167	11-17-168	11-17-169	11-17-170	11-17-171	11-17-172	11-17-173	11-17-174	11-17-175	11-17-176	11-17-177	11-17-178	11-17-179	11-17-180	11-17-181	11-17-182	11-17-183	11-17-184	11-17-185	11-17-186	11-17-187	11-17-188	11-17-189	11-17-190	11-17-191	11-17-192	11-17-193	11-17-194	11-17-195	11-17-196	11-17-197	11-17-198	11-17-199	11-17-200
-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

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

AREA NUMBER 13-19-302-018	SUB AREA NUMBER 13-19-302-018	BLOCK NUMBER 13-19-302-018	PARCEL 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

11-17B

CLINTON TWP.
 E.1/2 N.W.1/4 SEC.17 T.2N. R.13E.

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

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

This map is intended for general planning purposes. Site specific evaluation should be verified by field inspection. This is a work in progress and may contain errors and omissions. Please report any potential revisions to (586)469-5285.



GIS MACOMB COUNTY
 Planning and Economic
 Development

Published: Jun 06 2013



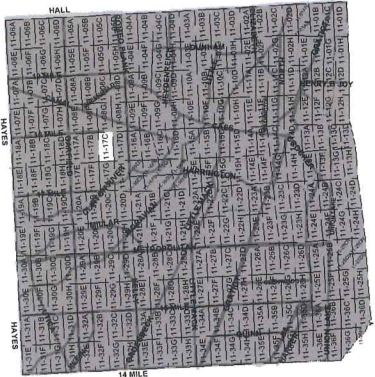
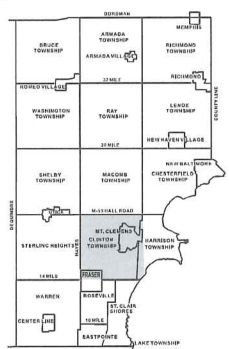
Date of Photography: Spring 2012
 100 50 0 100 200 Feet

CLINTON TWP SHEET INDEX

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

11-17C
 CLINTON TWP.

W.1/2 N.E.1/4 SEC.17 T.2N. R.13E.



AREA NUMBER (TOWNSHIP, RANGE, SECTION, SUBSECTION)	SUB AREA NUMBER (BLOCK, LOT, TRACT, OR OTHER IDENTIFICATION)	BLOCK NUMBER (BY BLOCK)	PARCEL NUMBER (SUBSECTION, LOT, TRACT, OR OTHER IDENTIFICATION)
---	---	----------------------------	--

Legend

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

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

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

This map is intended for general planning purposes. Site specific evaluation should be verified by field inspection. This is a work in progress and may contain errors and omissions. Please report any potential revisions to (586)469-5285.

COPYRIGHT 2008
 MACOMB COUNTY, MI
 All Rights Reserved



GIS MACOMB COUNTY
 Planning and Economic
 Development Department

Published: Jun 06 2013



Date of Photography: Spring 2012
 100 50 0 100 200 Feet

CLINTON TWP SHEET INDEX

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

11-17F

CLINTON TWP.
 E. 1/2 S.W. 1/4 SEC. 17 T. 2N. R. 13E.

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

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

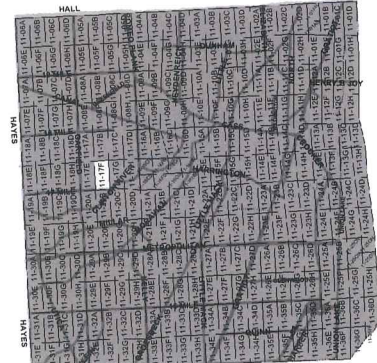
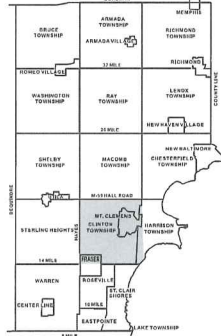
This map is intended for general planning purposes. Site specific evaluation should be verified by field inspection. This is a work in progress and may contain errors and omissions. Please report any potential revisions to (586)469-5285.

Legend

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



GIS MACOMB COUNTY
 Planning and Economic
 Development
 Published: Jun 06 2013





Date of Photography: Spring 2012
 100 50 0 100 200 Feet

CLINTON TWP SHEET INDEX

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

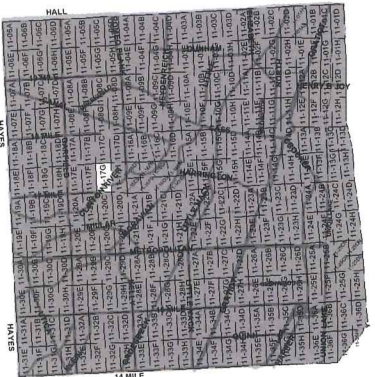
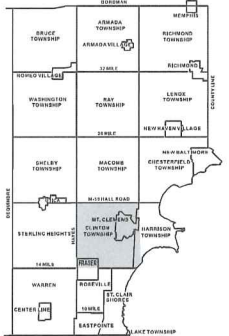
11-17G

CLINTON TWP.
 W/1/2 S.E. 1/4 SEC. 17 T.2N. R.13E.

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

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

This map is intended for general planning purposes. Site specific evaluation should be verified by field inspection. This is a work in progress and may contain errors and omissions. Please report any potential revisions to (586)469-5265.



Legend

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



GIS MACOMB COUNTY
 Planning and Economic
 Development
 Published: Jun 06 2013



Thornton Subdivision

PART OF THE SOUTHWEST 1/4 OF SECTION 17, T2N. R.13E., CLINTON TOWNSHIP, MACOMB COUNTY, MICHIGAN

SCALE 1 INCH = 100 FEET

M.C.S. CONSULTANT SERVICE
CIVIL ENGINEERS AND SURVEYORS
TROY, MICHIGAN

PLAY LEGEND
ALL DIMENSIONS ARE IN FEET.
ALL DIMENSIONS ARE SHOWN ALONG THE ARC.
A REMOTE RADIAL CURVE IS INDICATED BY THE SYMBOL "R" FOLLOWED BY A CONCRETE MONUMENT.
ALL BEARINGS ARE IN RELATION TO THE MERIDIAN.
ALL CURVES ARE TO BE LOCATED BY THE MONUMENTS AS SHOWN.
THE SYMBOL "T" INDICATES TANGENT NOT SET.



SHEET 1 OF 3 SHEETS

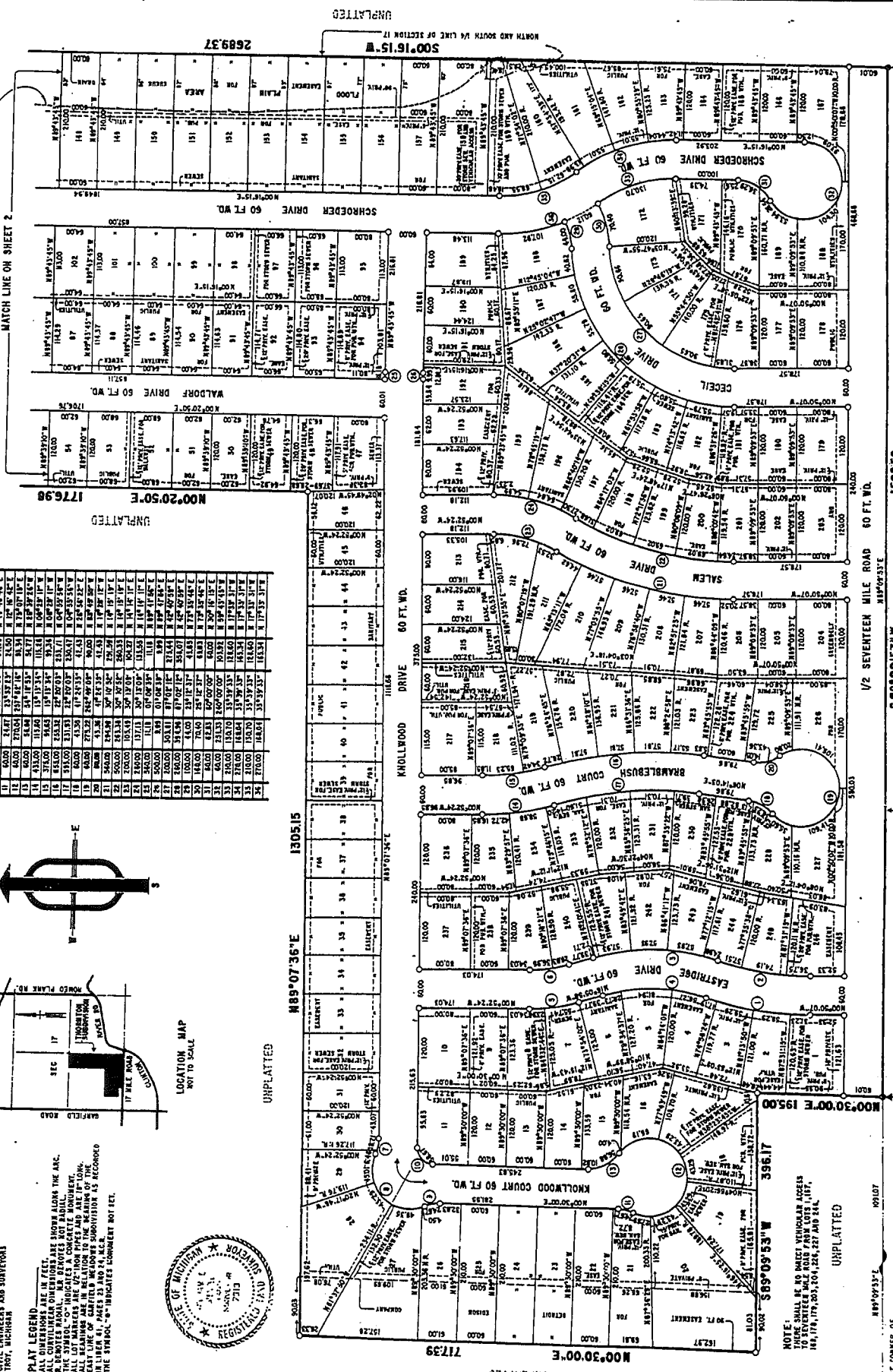
CHANGE AREA (1) FROM 941

NO.	DESCRIPTION	DATE
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

THIS PLAN IS SUBJECT TO RESTRICTIONS AS REQUIRED BY ACT 206 OF 1987, AS AMENDED ON CERTAIN LOTS. THE RESTRICTIONS ARE THE REQUIREMENTS OF THE HIGHWAY DEPARTMENT AND THE PUBLIC HEALTH DEPARTMENT OF THIS COUNTY.

MATCH LINE ON SHEET 2

FROM PLAIN CORNER (A) ESTABLISHED BY DEED (1871) (1/4 SECTION 17, T2N. R.13E., MICHIGAN)



NOTE: THERE SHALL BE NO PARTY VENDORAL AGREES IN THIS SUBDIVISION. THE PARTIES SHALL BE BOUND BY THE TERMS OF THIS DEED.

SOUTHWEST CORNER OF SECTION 17, T2N. R.13E., MICHIGAN

POINT OF BEGINNING

589°09'53"W

1/2 SEVENTEEN MILE ROAD 60 FT. WD.

1590.88

SOUTHWEST CORNER OF SECTION 17, T2N. R.13E., MICHIGAN



Thornton Subdivision

PART OF THE SOUTHWEST 1/4 OF SECTION 17, T.2N., R.13E., CLINTON TOWNSHIP, MACOMB COUNTY, MICHIGAN

SHEET 2 OF 3 SHEETS

D-06

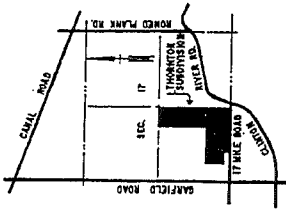
SCALE 1 INCH = 100 FEET

M.C.S. CIVIL ENGINEERING SERVICE
CIVIL ENGINEERS AND SURVEYORS
TROY, MICHIGAN

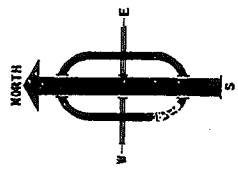
PLAT LEGEND
ALL DIMENSIONS ARE IN FEET.
ALL CURVILINEAR DIMENSIONS ARE SHOWN ALONG THE ARC.
THE TRIANGULAR DIMENSIONS ARE SHOWN ALONG THE STRAIGHT LINE.
ALL DIMENSIONS ARE TO THE CENTER OF THE MARKER.
ALL DIMENSIONS ARE TO THE CENTER OF THE MARKER.
EAST LINE OF GARFIELD MEADOWS SUBDIVISION AS RECORDED IN SECTION 17, T.2N., R.13E., CLINTON TOWNSHIP, MACOMB COUNTY, MICHIGAN.
THE STRIP 66' WIDE, INDICATES DIMENSION NOT SET.

CURVE DATA (BY TURN 31)

NO.	BEARING	ARC	CHORD	CHORD BEARING
1	S 89° 13' 40" E	100.00	100.00	S 89° 13' 40" E
2	N 89° 13' 40" W	100.00	100.00	N 89° 13' 40" W
3	S 89° 13' 40" E	100.00	100.00	S 89° 13' 40" E
4	N 89° 13' 40" W	100.00	100.00	N 89° 13' 40" W



LOCATION MAP
NOT TO SCALE



GARFIELD MEADOWS SUBDIVISION (Liber 61, Pages 23 and 24)

SURVEYOR'S CERTIFICATE

I, William E. Henzel, Surveyor, certify:

That I have surveyed, divided, and mapped the land shown on this plat, described as follows: "THORNTON SUBDIVISION" Part of the Southwest 1/4 of Section 17, T.2N., R.13E., Clinton Township, Macomb County, Michigan, and comprising Lots 2, through 246, both inclusive. Beginning at a point which is N 89° 09' 53" along the South line of Section 17, T.2N., R.13E., a distance 1091.07 ft. from the South-west Corner of Section 17, T.2N., R.13E., thence N 00° 30' 00" E 195.00 ft.; thence S 89° 09' 53" W 136.11 ft.; thence N 00° 30' 00" E 717.39 ft.; thence N 89° 09' 53" W 136.11 ft.; thence N 00° 30' 00" E 1776.98 ft., said line being, in part, along the south line of the field Meadows subdivision (Liber 61, Pages 23 and 24) to the East and West 1/4 line of Section 17, T.2N., R.13E., to the Center Post of Section 17, T.2N., R.13E., to the North and South 1/4 line of Section 17, S 00° 00' 00" E to the South 1/4 Corner of Section 17; thence S 89° 09' 53" W of Section 17, S 89° 09' 53" W 1590.58 ft. to the East and West 1/4 line containing 67.414 Acres.

That I have made such survey, land division and plat in accordance with the laws of the State of Michigan and the rules and regulations of the Board of Surveyors of the State of Michigan. That such plat is a correct representation of all the boundaries of the land surveyed and the subdivision of the same. That the required monuments and lot markers have been set on the ground or that surety has been deposited with the proper authority 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.

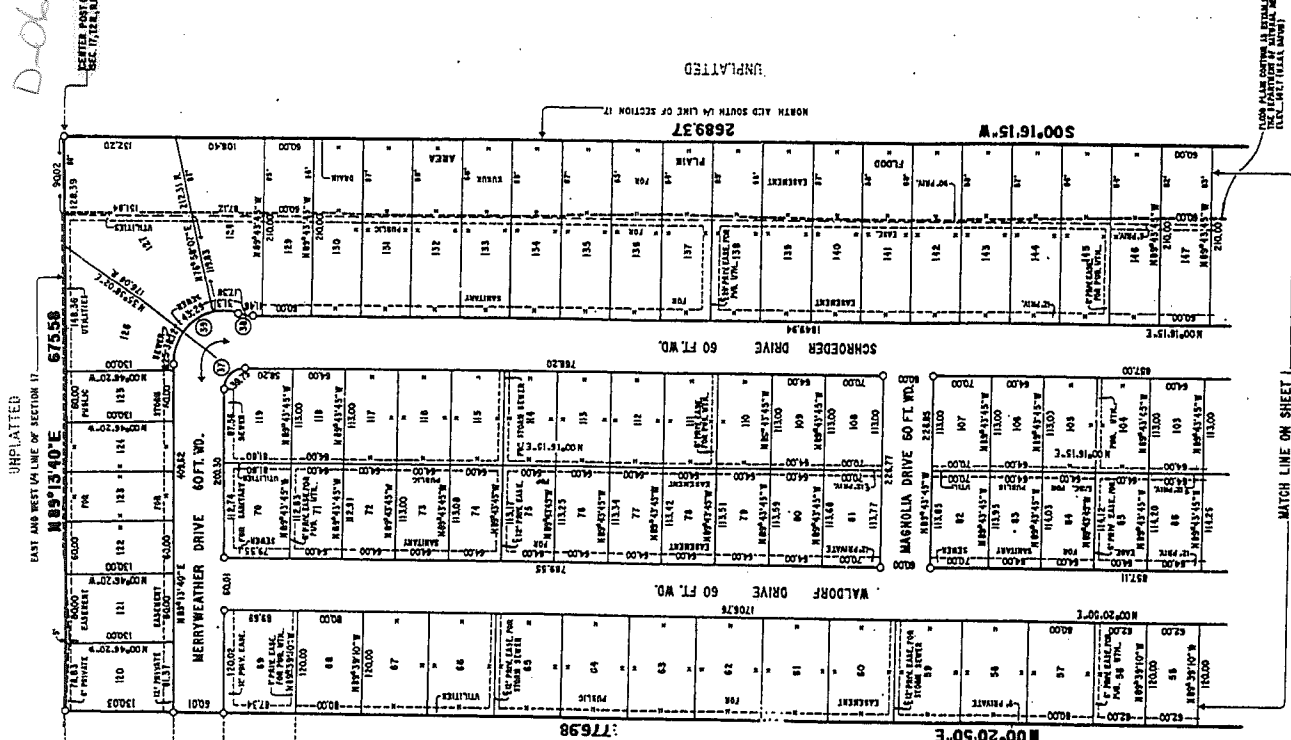
DATE: 5/27/1977

Municipal Consultant Service
2830 East Long Lake Road
Troy, Michigan - 48068

William E. Henzel
William E. Henzel
President - No. 7313



Deceased true copy of Record
PHI
William E. Henzel
ALLISON GREEN
STAT. SURVEYOR
By *William E. Henzel*
5/27/1977



UNPLATTED

MATCH LINE ON SHEET

THIS PLAT SHOWS AN ORIGINAL SURVEY
THE INFORMATION BY WHICH IT WAS MADE
DECL. BY THE SURVEYOR

Thornton Subdivision

PART OF THE SOUTHWEST 1/4 OF SECTION 17, T24N, R12E., CLINTON TOWNSHIP, MACOMB COUNTY, MICHIGAN

M.C.S. MUNICIPAL CONSULTANT SERVICE
 CIVIL ENGINEERS AND SURVEYORS
 TROY, MICHIGAN

PROPRIETOR'S CERTIFICATE

Elco Corporation, a corporation duly organized and existing under the laws of the State of Michigan by Graham A. Orley, President, and Harry F. Terbruggen, 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 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. There shall be no direct vehicular access to Seventeen Mile Road from Lots 1, 167, 168, 178, 179, 203, 204, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

Witness:
 Michael C. McMan
 Michael C. McMan
 President

Stephanie A. Orley
 Geoffrey A. Orley
 Vice President

ACKNOWLEDGEMENT

STATE OF MICHIGAN) S.S.
 County of Oakland)

Personally came before me this 27th day of May, 1977, 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 Vice President 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 Helen Wood Oakland County, Michigan

My Commission Expires January 31, 1979

PROPRIETOR'S CERTIFICATE

Metropolitan Savings Association, a Michigan Corporation, by Victor Miller, Senior Vice President, and Roger Crimmins, Senior 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 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. There shall be no direct vehicular access to Seventeen Mile Road from Lots 1, 167, 168, 178, 179, 203, 204, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

Witness:
 Jennifer A. Blomquist
 Jennifer A. Blomquist
 Senior Vice President

Victor Miller
 Victor Miller
 Senior Vice President

Roger Crimmins
 Roger Crimmins
 Senior Vice President

ACKNOWLEDGEMENT

STATE OF MICHIGAN) S.S.
 County of Oakland)

Personally came before me this 31st day of May, 1977, Victor Miller, Senior Vice President, and Roger Crimmins, Senior 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 Senior Vice Presidents 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 Jewel M. Kirk Oakland County, Michigan
 My Commission Expires June 24, 1980

COUNTY TREASURER'S CERTIFICATE

The records in my office show no unpaid taxes or special assessments for the five years preceding 12/31/1977 involving the lands included in this plat.

Walter Pappas
 Macomb County Treasurer
 By Helen Pappas - Clerk

COUNTY DRAIN COMMISSIONER'S CERTIFICATE

Approved on 6/9 1977, as complying with Section 192 of Act 288, P.A. 1967, and the applicable rules and regulations published by my office in the County of Macomb.

William S. Welsh
 Macomb County
 Drain Commissioner

CERTIFICATE OF COUNTY ROAD COMMISSIONERS

Approved on June 21 1977, as complying with Section 183 of Act 288, P.A. 1967, and the applicable published rules and regulations of the Board of Road Commissioners of Macomb County.

Matthew J. Gaberty
 Chairman
 Joseph P. Pecky
 Vice Chairman

John J. Boccola
 Commissioner

CERTIFICATE OF MUNICIPAL APPROVAL

I certify that this plat was approved by the Township Board of the Township of Clinton at a meeting held on July 5, 1977, and was reviewed and found to be in compliance with Act 288, P.A. 1967. Surety has been posted for the placing of monuments and lot markers within one year of the above mentioned date and the area required by Section 186 (b) Act 288 of P.A. 1967 has been waived and conforms with the legally adopted zoning and subdivision control ordinances of the Township of Clinton. Surety has been posted to insure the installation of public sewer and public water services.

Edna Miller
 Edna Miller
 Township Clerk

COUNTY PLAT BOARD CERTIFICATE

This plat has been reviewed and is approved by the MACOMB COUNTY PLAT BOARD on July 12, 1977, as being in compliance with all of the provisions of Act 288, P.A. 1967, and the Plat Board's applicable rules and regulations.

Robert A. VerKullen
 Robert A. VerKullen, Chairman
 Board of County Commissioners

Edna Miller
 Edna Miller, County Clerk
 Register of Deeds

Adam E. Kowakowski
 Adam E. Kowakowski
 County Treasurer

RECORDING CERTIFICATE

STATE OF MICHIGAN) S.S.
 County of Macomb)

This plat was received for recording on the 11th day of August, A.D., 1977, at 2:10 P.M. o'clock and is recorded in Liber 69 of Plat Books on Pages 44, 45 and 46.

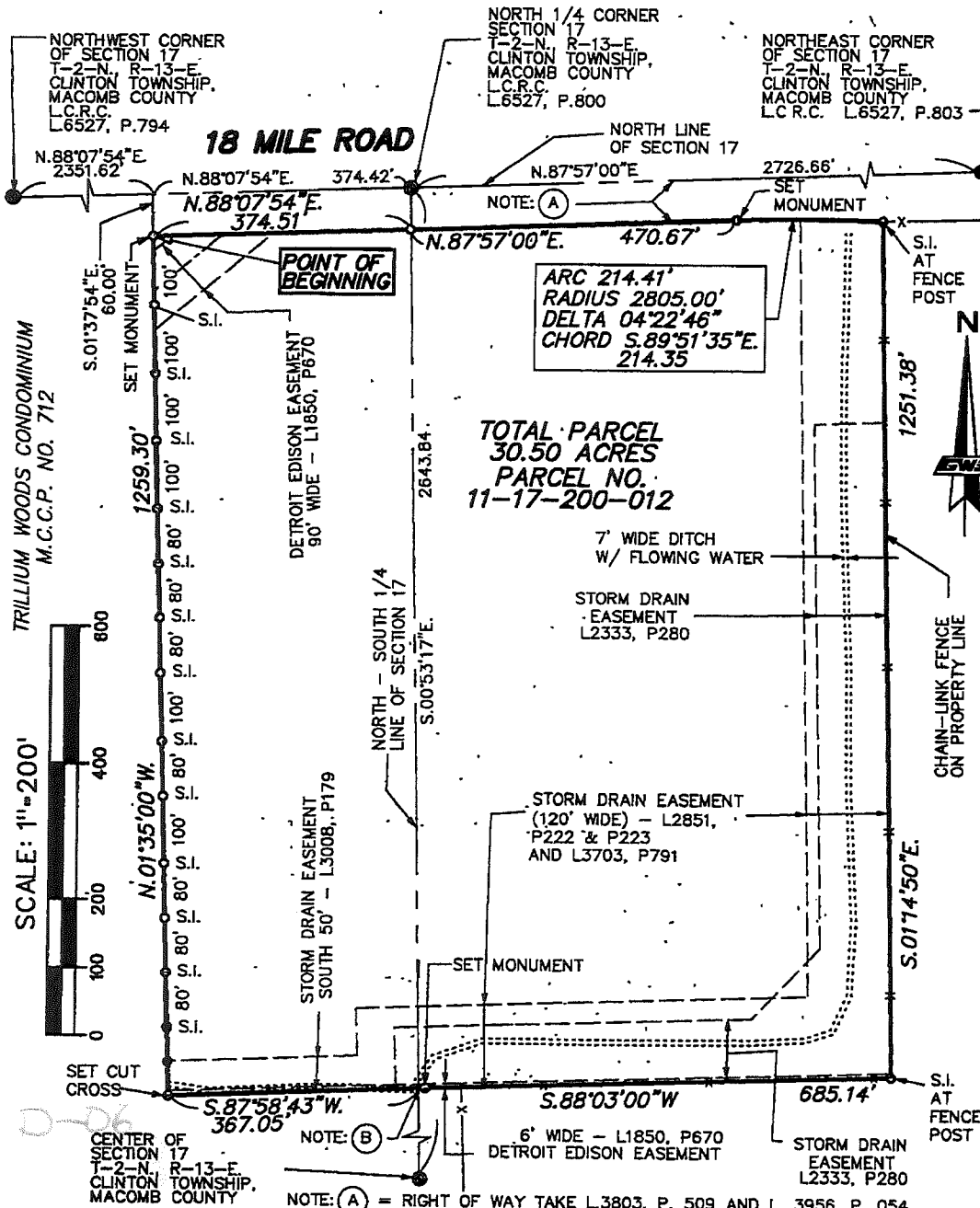
Edna Miller
 Edna Miller
 Register of Deeds



7024447
LIBER 18513 PAGE 194

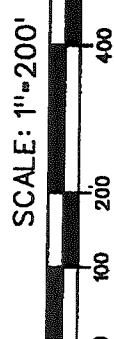


02/16/2007 10:53:28 A.M.
MACOMB COUNTY, MI SEAL
CARMELLA SABAUGH, REGISTER OF DEEDS



ARC 214.41'
RADIUS 2805.00'
DELTA 04°22'46"
CHORD S.89°51'35"E.
214.35

TOTAL PARCEL
30.50 ACRES
PARCEL NO.
11-17-200-012



LEGEND
● S.I. SET IRON ROD

- NOTE: (A) = RIGHT OF WAY TAKE L.3803, P. 509 AND L. 3956, P. 054 EASEMENT FOR SANITARY SEWER AND WATER MAIN L. 1844, P.774, P.775, P.776, P.777, P.778 AND P.779; STORM DRAIN EASEMENT NORTH 60' L.2854, P.805
- NOTE: (B) = NORTH - SOUTH 1/4 LINE OF SECTION 17 IS 8.17' WEST OF SOUTH PROPERTY LINE ANGLE POINT

CERTIFICATE OF SURVEY

PART OF THE NORTH 1/2 OF SECTION 17, T-2-N., R-13-E., CLINTON TOWNSHIP, MACOMB COUNTY, MICHIGAN

GWS
Giffels-Webster Engineers, Inc.
ENGINEERS LAND SURVEYORS PLANNERS LANDSCAPE ARCHITECTS
2871 DOND STREET, ROCHESTER HILLS, MI. 48309
(248) 852-3100

DATE: 9-18-06	CHECKED BY: JNR	DATE: 9/06	SCALE: 1" = 200'
DRAWN: A.T.W.			SHEET: 1 OF 2
DESIGN:			JOB No: 14844.75
SECTION: 17	T-2-N., R-13-E.		

n\14\4800\14844.75\calcs\boundary-sketch.dgn

LEGAL DESCRIPTION

A PART OF THE NORTH 1/2 OF SECTION 17, T-2-N., R-13-E., CLINTON TOWNSHIP, MACOMB COUNTY, MICHIGAN, BEING MORE PARTICULARLY DESCRIBED AS: COMMENCING AT THE NORTHWEST 1/4 OF SAID SECTION 17; THENCE N.88°07'54"E., 2351.62 FEET ALONG THE NORTH LINE OF SAID SECTION 17 (18 MILE ROAD); THENCE S.01°37'54"E. 60.00' TO THE POINT OF BEGINNING ON THE SOUTH LINE OF 18 MILE ROAD; THENCE THE FOLLOWING 3 COURSES BEING ALONG THE SOUTH LINE OF 18 MILE ROAD (1) N. 88°07'54"E., 374.51 FEET AND (2) N. 87°57'00"E., 470.76 FEET AND (3) ALONG A CURVE TO THE RIGHT 214.41 FEET, SAID CURVE HAVING A RADIUS OF 2805.00 FEET, CENTRAL ANGLE OF 04°22'46", AND LONG CHORD BEARING OF S.89°51'35"E. 214.35 FEET; THENCE S.01°14'50"E., 1251.38 FEET, THENCE THE FOLLOWING TWO COURSES BEING ALONG THE SOUTH LINE OF SAID PARCEL (1) S.88°03'00"W., 685.14 FEET AND (2) S.87° 58'43"W., 367.05 FEET TO THE SOUTHEAST CORNER OF "TRILLIUM WOODS CONDOMINIUM" M.C.C.P. NO. 712; THENCE N.01°35'00"W., 1259.30 FEET ALONG THE EAST OF SAID CONDOMINIUM TO THE POINT OF BEGINNING AND CONTAINING 30.50 ACRES.

TITLE NOTE:

THIS SURVEY WAS PREPARED WITH BENEFIT OF A TITLE REPORT BY PHILIP R. SEAVER TITLE COMPANY, NO. S-12641-M DATED NOVEMBER, 2002.

WITNESSES:

CENTER OF SECTION, T-2-N., R-13-E., CLINTON TWP.
SET 1/2" IRON W/ CAP #37281

N. 45° E., SET MAG NAIL & GWE TAG #38397
92.08' SOUTHEAST FACE U. POLE

S. 30° E., SET MAG NAIL & GWE TAG #38396
70.38' SOUTHWEST FACE U. POLE

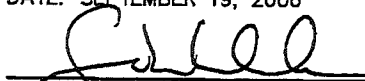
S. 10° E., SET MAG NAIL & GWE TAG #38398
27.18' WEST FACE TWIN 4" POPLAR

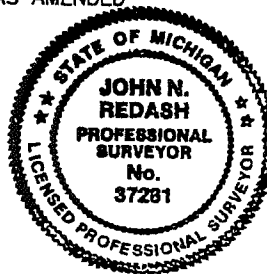
DUE WEST, EDGE OF WATER OF KUKUK DRAIN
4.0'

CERTIFICATION

I HEREBY CERTIFY THAT I HAVE SURVEYED AND MAPPED THE LAND HEREON PLOTTED AND DESCRIBED DURING SEPTEMBER OF 2006, AND THAT THE RATIO OF CLOSURE ON THE UNADJUSTED FIELD OBSERVATIONS OF SUCH SURVEY WAS 1 IN 105,232; THAT THE BEARINGS FOR THIS SURVEY ARE BASED ON DESCRIPTION OF RECORD AND THAT ALL THE REQUIREMENTS OF P.A. 132, 1970, AS AMENDED HAVE BEEN COMPLIED WITH.

DATE: SEPTEMBER 19, 2006


JOHN N. REDASH, P. S. #37281



CERTIFICATE OF SURVEY

PART OF THE NORTH 1/2 OF SECTION 17, T-2-N., R-13-E., CLINTON TOWNSHIP, MACOMB COUNTY, MICHIGAN

GWE
Giffels-Webster Engineers, Inc.
ENGINEERS LAND SURVEYORS PLANNERS LANDSCAPE ARCHITECTS
2871 HOND STREET, ROCHESTER HILLS, MI 48309
(248) 862-3100

DATE:	9-18-06	CHECKED BY	DATE	SCALE:	1" = 200'
DRAWN:	A.T.W.	JNR	9/06	SHEET:	2 OF 2
DESIGN:				JOB No:	14844.75
SECTION:	17	T-2-N., R-13-E.			

n/14/4800/14844.75/ca lcs/boundary-eketch.dgn

No reproduction shall be made without the prior written consent of Giffels-Webster Engineers, Inc.