

## INDEX

**SOUTHWEST CORNER P.C. 146  
COMMON WITH  
SOUTHEAST CORNER P.C. 147  
OTHER CODE: PC-035  
HARRISON TOWNSHIP,  
T2N, R14E**

### SECTION 1:

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2. Before Pictures of Point and in Each Cardinal Direction
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### SECTION 2:

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2. Surveyor's Report
3. Sketch of Private Claims (1 page)

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1. 1818 Original Government Survey map (1 page)
2. 1875 Map of Harrison Township (1 page)
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### SECTION 4:

- |    |      |                                 |                           |                           |
|----|------|---------------------------------|---------------------------|---------------------------|
| 1. | 1810 | Original Private Claim Notes    | Aaron Greeley             | (5 pages)                 |
| 2. | 1928 | Stewart Pointe Subdivision      | Walter J. Lehner #123     | L.13, P.4                 |
| 3. | 1940 | S.P. of Joy Gardens No.1        | Walter J. Lehner #123     | L.20, P.9                 |
| 4. | 1941 | Wallace Hall Road Subdivision   | Earl Phillips N/A         | L.20, P.49                |
| 5. | 1949 | Stewart Pointe Subdivision No.1 | Earnest L. Pettingill N/A | L.25, P.5                 |
| 6. | 1957 | S.P. of Howard Subd'n           | Harry J. Fuller #1645     | L.40, P.13                |
| 7. | 1967 | Sketch of Survey                | Lehner Associates, Inc.   | Unrecorded (2 sheets)     |
| 8. | 1991 | Right of Way Map M-59 Sht. 41   | Michigan Dept. of Trans.  | Unrecorded                |
| 9. | 2008 | Certificate of Survey           | Steven E. Dunn #28408     | L.20371,P.411-423 (13Pgs) |

**PC - 035**

S.W. Corner of PC 146 common with  
the S.E. Corner of PC 147

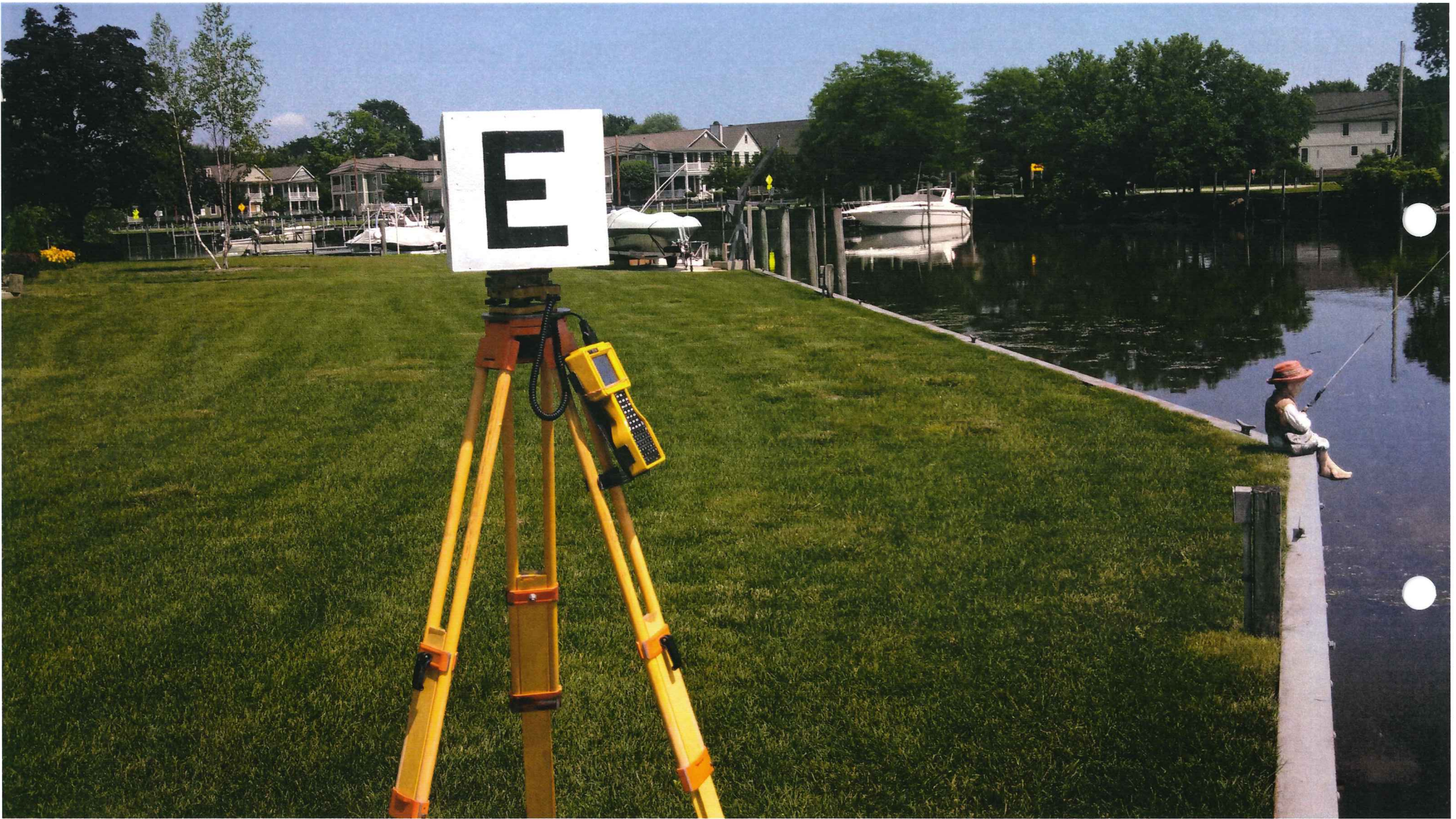
W. R. D. P. 10/17/74



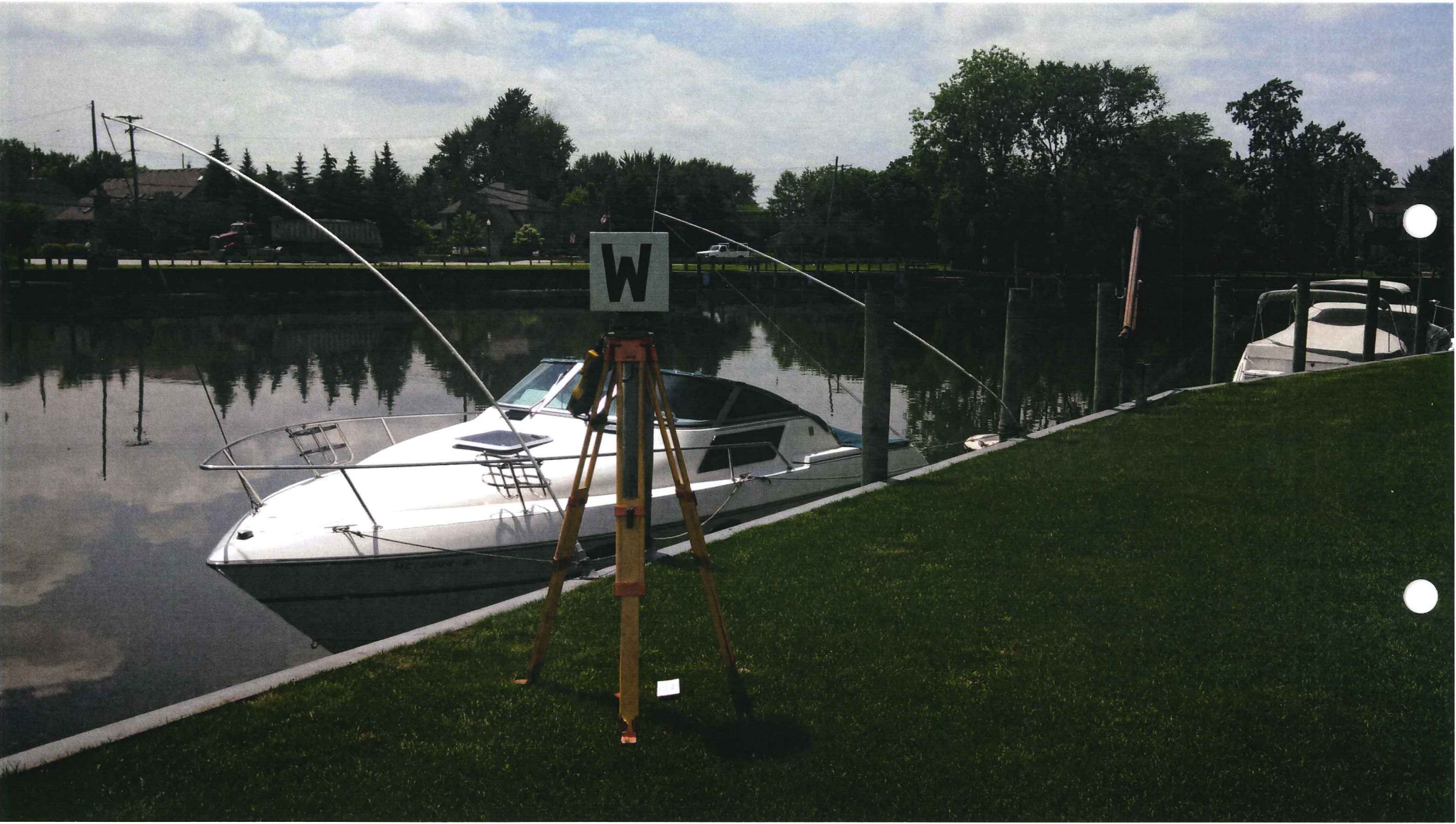
PC - 035











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

For corners in

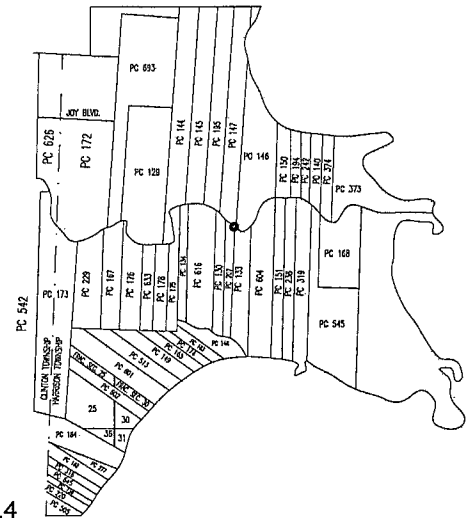
MACOMB (County) Located In: Harrison Township Corner Code #
1. Public Land Survey T 2N R 14E PC-035
2. Property Controlling in Section S T R
3. Miscellaneous Property in Section S T R

3159778 PAGE 1 OF 2
LIBER 22496 PAGE 84
10/22/2013 02:17:57 P.M.
MACOMB COUNTY, MI SEAL
CARMELLA SABAUGH, REGISTER OF DEEDS

Register of Deeds Stamp & File Number

- 4. Lot No. , Recorded Plat
5. Private Claims Southwest Corner of Private Claim 146 Common with the Southeast Corner of Private Claim 147

I, ROGER J. STECKER, in a field survey on July 10, 2013 do hereby state that under requirements of P.A. 74, Michigan P.A. of 1970, the corner points mentioned in lines 1 and 2 above were in conformance with regulations and rules therefore as required in the current manual of survey instructions of the United States Department of the Interior, Bureau of Land Management or by a decree of a Court of Law and/or that the corner points mentioned in lines 3, 4 and 5 above were in conformance with the rules of the Michigan Board of Land Surveyors or by a Decree of a Court of Law; re-established, monumented, recovered, found as expressed below:



NOTE: Not more than 2 corners, all in the same town and range, may be recorded on this certificate.

- A. Description of original monument and accessories and/or subsequent restoration:
\*Post set by Aaron Greeley according to Private Claim Notes, not found.

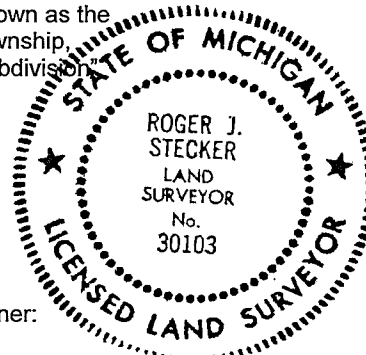
Table with 4 columns: Year, Description, Surveyor, and Reference. Includes entries for 1810 (Private Claim Notes), 1928 (Stewart Pointe Subdivision), 1940 (S.P. of Joy Gardens No.1), 1941 (Wallace Hall Road Subdivision), 1949 (Stewart Pointe Subdivision No.1), 1957 (S.P. of Howard Subd'n), 1967 (Sketch of Survey), 1991 (Right of Way Map M-59 Sht. 41), and 2008 (Certificate of Survey).

- B. Description of corner evidence found and/or method applied in restoring or reestablishing corner:
No physical evidence of the original post was found at the location described in the Aaron Greeley original survey notes.

The monument position was established by the following method. There was no evidence of P.C. Line 146/147. I established P.C. Line 195/147 from found evidence in "S.P. of Joy Gardens No. 1" and "Supervisors Plat of Howard Sub" which control the southerly terminus of said P.C. Line 146/147 at the River Huron now known as the Clinton River. The northerly direction of said line was established at the town line between Harrison Township, T.2N., R.14E. and Chesterfield Township, T.3N., R.14E. from evidence found in "Wallace Hall Road Subdivision" Harrison Township. (see continuation on page 2)

FROM SOUTHWEST CORNER PC 146 COMMON WITH SOUTHEAST CORNER PC 147(PC-035) TO NORTHWEST CORNER PC 146 COMMON WITH NORTHEAST CORNER PC 147

19,332.06' (292 Chains 91 Links Private Claim Notes)



- C. Description of monument for corner and accessories established to perpetuate locating the position of the corner:
PC-035 I installed a 4" diameter concrete monument, 36" long with a 1/2" iron rod having a 2" diameter aluminum cap stamped: Macomb County Monument, MI Act 345, 30103, PC-035.

Witnesses table with 3 columns: Bearing, Distance, and Description. Includes bearings like S88°E, N38°W, N16°W, N43°E, N62°E, S28°W and distances like 92.51', 68.74', 40.87', 44.16', 73.61', 4.89'.

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

Signed by [Signature] Surveyor's Michigan License No. 30103

Date OCT. 14, 2013



PAGE 2

For corners in

<u>MACOMB</u> (County)	Located In: Harrison Township	Corner Code #
1. Public Land Survey	T <u>2N</u> R <u>14E</u>	<u>PC-035</u>
	T _____ R _____	_____
	T _____ R _____	_____
	T _____ R _____	_____
2. Property Controlling in Section	S _____ T _____ R _____	_____
	S _____ T _____ R _____	_____
3. Miscellaneous Property in Section	S _____ T _____ R _____	_____
	S _____ T _____ R _____	_____

4. Lot No. \_\_\_\_\_, Recorded Plat \_\_\_\_\_
5. Private Claims Southwest Corner of Private Claim 146 Common with the  
Southeast Corner of Private Claim 147

B. Description of corner evidence found and/or method applied in restoring or reestablishing corner:  
(Continued from Page 1)

Also evidence found in "Stewart Pointe Subdivision" Chesterfield Township, "Stewart Pointe Subdivision No.1, Chesterfield Township and distances verified on sketch of survey by Lehner Associates, also in Chesterfield Township. After establishing the P.C. line between P.C.195 and P.C.147, and comparing record distances across Private Claims 147, 146, 150 and 194 with the previously remonumented P.C. line between P.C. 242 and P.C. 147. The prorated distances can be found on the sketch of Private Claims found in Section 2 of the dossier. I set the corner on the bank of the Clinton River at a distance of approximately 5.0 feet from the existing seawall, which is consistent with previously established Private Claim corners.

ACCEPTED BY THE MACOMB COUNTY SURVEY PEER  
GROUP AS THE OFFICIAL CORNER UNDER MICHIGAN  
PUBLIC ACT 345 OF 1990 AT A MEETING HELD  
ON 8-20-2013  
Martin C. Dunn  
MARTIN C. DUNN, P.S. CHAIRMAN

**SURVEYOR'S REPORT  
SOUTHWEST CORNER P.C. 146  
COMMON WITH  
SOUTHEAST CORNER P.C. 147  
OTHER CODE: PC-035  
HARRISON TOWNSHIP,  
T2N, R14E**

**GLO HISTORY:**

**Description of P.C. 146**

Private Claim survey performed by Aaron Greeley on July 14, 1810. Commencing at a post standing on the north border of River Huron between this tract and a tract confirmed to the widow Tucker in trust for her sons Jacob and Charles, thence north two hundred and ninety two chains ninety one links to a post standing on the southwest line of a tract known by the name of Macconses Reserve thence south forty five degrees east thirty one chains ninety six links to a post standing on the border of Lake St. Clair between this tract and said reserve, thence along the border of said lake south twenty three degrees thirty minutes west nineteen chains ninety links thence south fifteen degrees west forty seven chains thence south four degrees west sixteen chains, thence south two degrees thirty minutes east twenty eight chains, thence south sixteen degrees east thirteen chains, thence south eleven degrees west ten chains, thence south twenty eight degrees east eight chains thence south fifty three degrees east eleven chains, thence south thirty eight degrees east seven chains eighty links, thence south fifty one degrees east nineteen chains forty links, to a post the boundary between this tract and a tract confirmed to Francois St. Oban, thence south, sixty three chains forty five links to a post standing on the border of River Huron, thence along the border of said River up stream north eighty eight degrees west ten chains, thence south fifty degrees west three chains, thence south eleven degrees thirty minutes west fourteen chains, thence south nineteen degrees west thirteen chains thence south thirty-nine degrees west twenty one chains, thence south seventy two degrees west three chains seventy six links to the place of beginning, containing 640 acres. Confirmed to William Tucker.

**Description of P.C. 147**

Private Claim survey performed by Aaron Greeley on July 14, 1810. Commencing at a post standing on the border of River Huron between this tract and a tract confirmed to Mitchel Tremble thence north two hundred & sixty three chains thirty links to a post thence west seventeen chains to a post thence north thirty two chains seventy three links to a post thence south forty five degrees east fifty two chains forty three links to a post ( standing on the south west line of Maccanses Reserve) the boundary between this tract and a tract confirmed to William Tucker thence south two hundred and ninety two chains ninety one links, to a post standing on the border of River Huron thence along the border of said River up stream south seventy two degrees west twenty four links, thence north twenty five degrees west, thirty five chains, thence north sixty seven degrees west five chains fifty links, to the place of beginning, containing six hundred and forty acres. Confirmed to the Widow Tucker in Trust for her two sons Charles and Jacob.

**EXISTING CONDITIONS:**

No physical evidence of original post found at above described location. The monument position was established by the following method. There was no evidence of P.C. Line 146/147. I established P.C. Line 195/147 from found evidence in "S.P. of Joy Gardens No. 1" and "Supervisors Plat of Howard Sub" which control the southerly terminus of said P.C. Line 195/147 at the River Huron now known as the Clinton River. The northerly direction of said line was established at the town line between Harrison Township, T.2N., R.14E. and Chesterfield Township, T.3N., R.14E. from evidence found in "Wallace Hall Road Subdivision" Harrison Township. Also evidence found in "Stewart Pointe Subdivision" Chesterfield Township, "Stewart Pointe Subdivision No.1", Chesterfield Township and distances verified on sketch of survey by Lehner Associates, also in Chesterfield Township. After establishing the P.C. line between P.C.195 and

P.C.147, and comparing record distances across Private Claims 147, 146, 150 and 194 with the previously remonumented P.C. line between P.C. 242 and P.C. 147. The prorated distances can be found on the sketch of Private Claims found in Section 2 of the dossier. I set the corner on the bank of the Clinton River at a distance of approximately 5.0 feet from the existing seawall, which is consistent with previously established Private Claim corners.

**RECORDED & UNRECORDED SURVEYS, & FIELD NOTES:**

- |                                          |                                   |                               |
|------------------------------------------|-----------------------------------|-------------------------------|
| 1. Aaron Greeley                         | Copy of Original Survey           | Post cited in notes (4 pages) |
| 2. Stewart Pointe Subdivision            | Plat                              | L.13, P.4 (1 page)            |
| 3. Supervisor's Plat of Joy Gardens No.1 | Plat                              | L.20, P.9 (1 page)            |
| 4. Wallace Hall Road Subdivision         | Plat                              | L.20, P.49 (1 page)           |
| 5. Stewart Pointe Subdivision No.1       | Plat                              | L.25, P.5 (1 page)            |
| 6. Supervisor's Plat of Howard Subd'n    | Plat                              | L.40, P.13 (1 page)           |
| 7. Lehner Associates, Inc.               | Sketch of Survey                  | Unrecorded (2 pages)          |
| 8. Michigan Department of Transportaion  | Right of Way<br>map M-59 Sheet 41 | Unrecorded (1 page)           |
| 9. Steven E. Dunn, P.S.#28408            | Certificate<br>of Survey          | L.20371, P.411-423 (13 pages) |

**FIELD MEASUREMENTS BETWEEN CORNERS:**

FROM CORNER FOR SOUTHWEST PC 146 COMMON WITH SOUTHEAST CORNER PC 147 (PC-035) TO NORTHWEST CORNER PC 146 COMMON WITH NORTHEAST CORNER PC 147  
19,332.06' (292 Chains 91 Links Private Claim Notes)

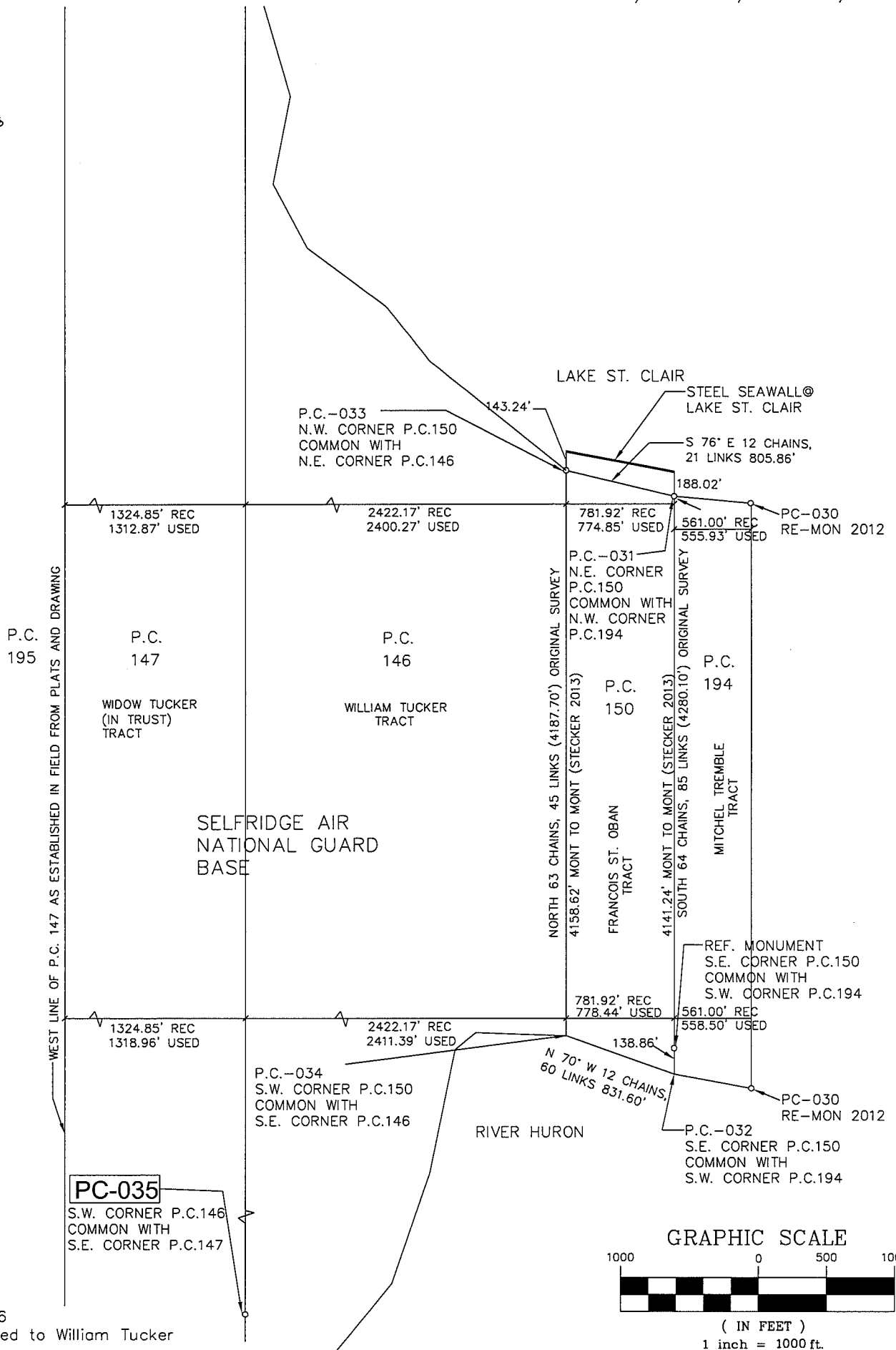
**RECOMMENDATIONS:**

Replace 1/2" diameter iron rod with a 4" diameter concrete monument, 36" long with a 1/2" iron rod having a 2" diameter aluminum cap stamped: Macomb County Monument, MI Act 345, 30103, PC-035.

**WITNESSES: PC-035 CORNER**

- |       |        |                                                                                 |
|-------|--------|---------------------------------------------------------------------------------|
| S88°E | 92.51' | N.W. corner of concrete pad.                                                    |
| N38°W | 68.74' | Set nail and Macomb County Witness tag in South face of 12" Crimson Maple tree. |
| N16°W | 40.87' | S.W. corner of house #29180.                                                    |
| N43°E | 44.16' | S.E. corner of house #29180.                                                    |
| N62°E | 73.61' | S.W. corner of frame garage.                                                    |
| S28°W | 4.89'  | Cut notch in steel seawall.                                                     |

# SKETCH OF PRIVATE CLAIMS 147/146/150/194

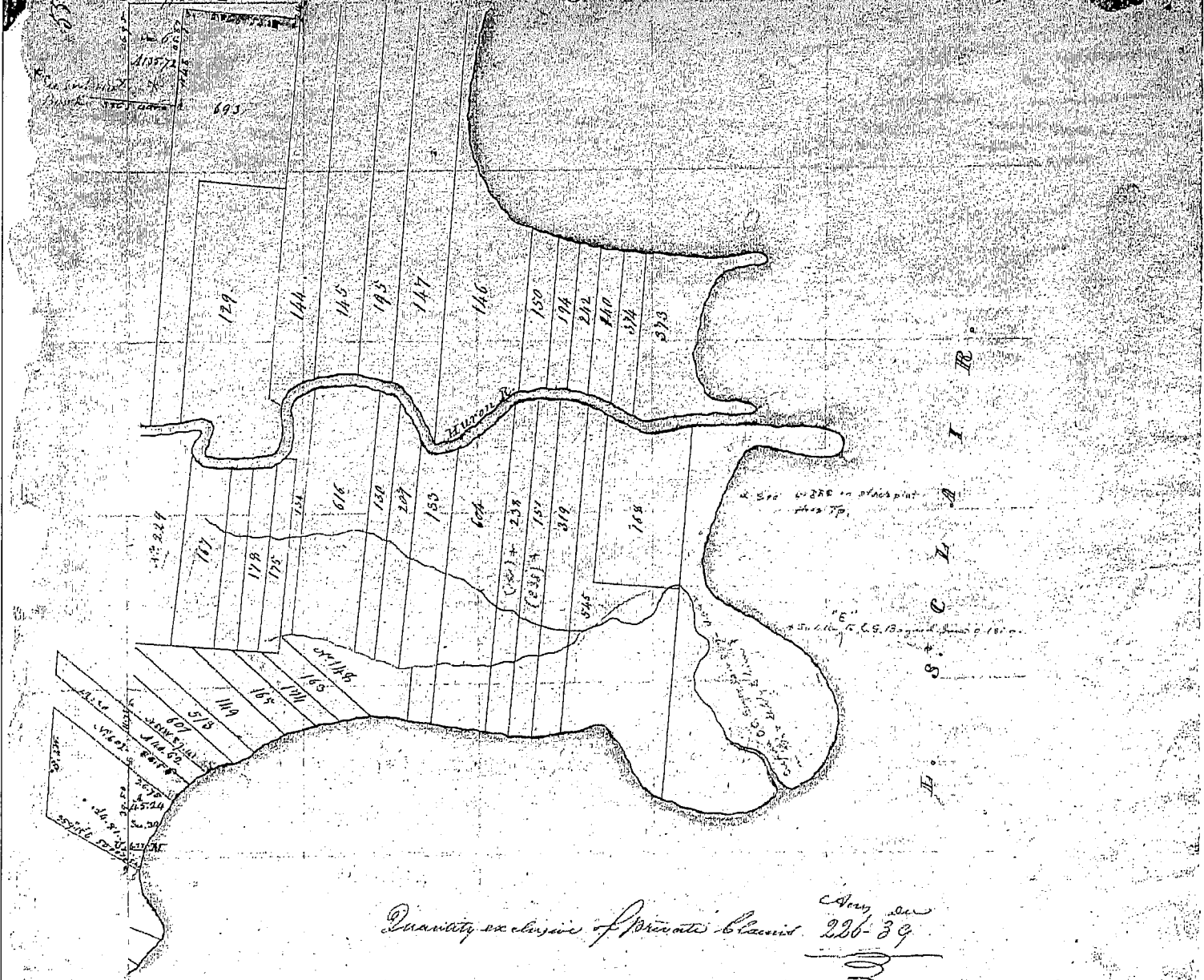


Commencing at a post standing on the north border of River Huron between this tract and a tract confirmed to the widow Tucker in trust for her sons Jacob and Charles, thence north two hundred and ninety two chains ninety one links to a post standing on the southwest line of a tract known by the name of Macconses Reserve thence south forty five degrees east thirty one chains ninety six links to a post standing on the border of Lake St. Clair between this tract and said reserve, thence along the border of said lake south twenty three degrees thirty minutes west nineteen chains ninety links thence south fifteen degrees west forty seven chains thence south four degrees west sixteen chains, thence south two degrees thirty minutes east twenty eight chains, thence south sixteen degrees east thirteen chains, thence south eleven degrees west ten chains, thence south twenty eight degrees east eight chains thence south fifty three degrees east eleven chains, thence south thirty eight degrees east seven chains eighty links, thence south fifty one degrees east nineteen chains forty links, to a post the boundary between tis tract and a tract confirmed to Francois St. Oban, thence south, sixty three chains forty five links to a post standing on the border of River Huron, thence along the border of said River up stream north eighty eight degrees west ten chains, thence south fifty degrees west three chains, thence south eleven degrees thirty minutes west fourteen chains, thence south nineteen degrees west thirteen chains thence south thirty-nine degrees west twenty one chains, thence south seventy two degrees west three chains seventy six links to the place of beginning, containing 640 acres.

July 14, 1810

Aaron Greeley Surveyor  
of private claims

Township N. II North, Range N. XIV East of the Mer. (Mich. Ter.)



Quantity exclusive of Private Claims 226-39

A true Copy from the Original on file in this Office

Surveyor General's Office  
July 20 - 1878

Edward Coffey  
Surveyor General

POOR COPY



# MAP OF HARRISON

Township 2 North Range 14 East

Scale 2 Inches to one Mile.

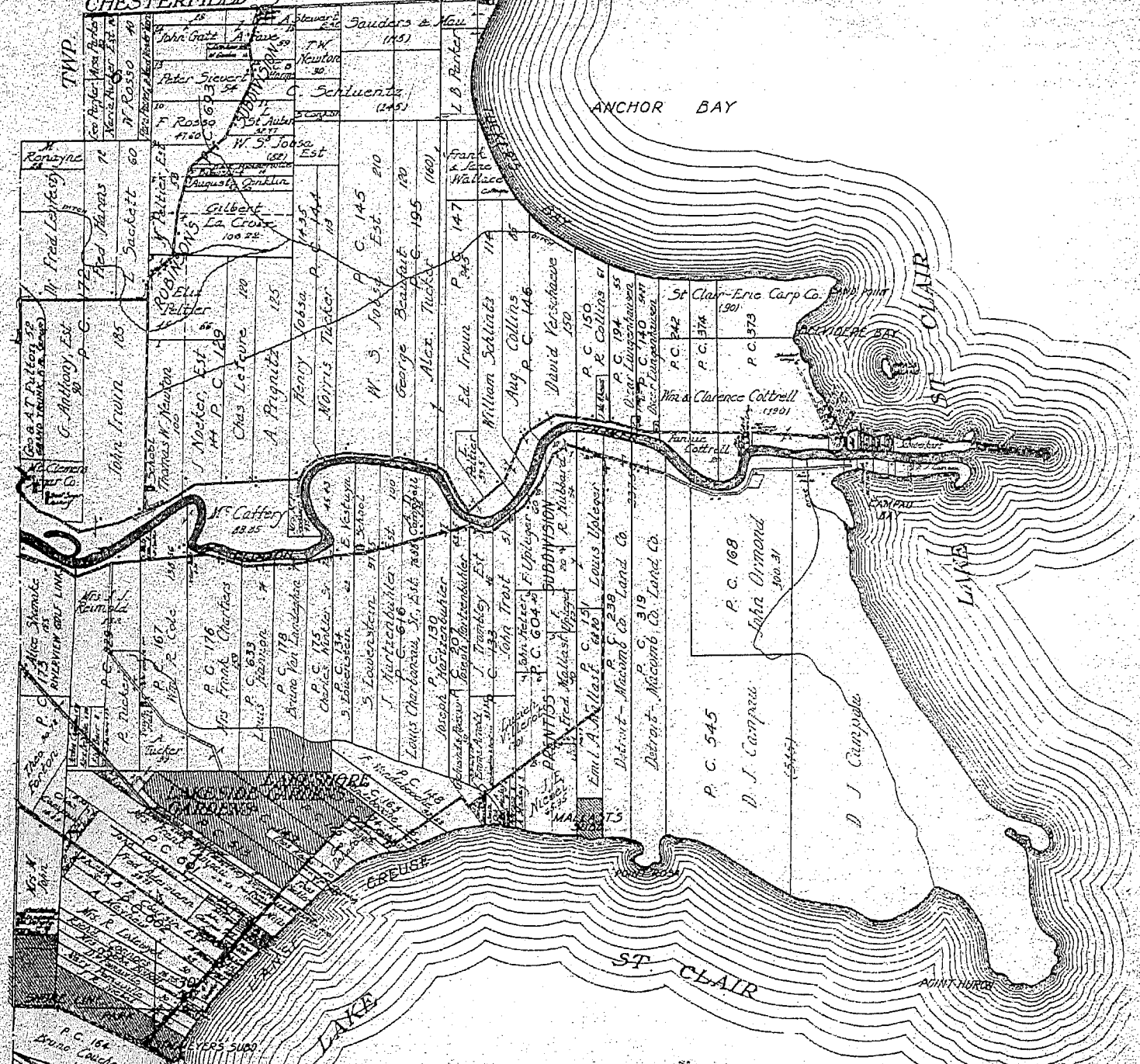
of the Meridian of Merigare.



1895

CHESTERFIELD TWP

TWP



MAP OF  
**HARRISON**  
 TOWNSHIP

Scale 2 1/2 inches to 1 mile.

Part of Fractional Township 2 North, Range 13 East and  
 Fractional Township 2 North, Range 14 East  
 of the Michigan Meridian

1916

Scanned By  
**METCO**  
 Engineers, Architects & Surveyors

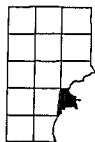
CLINTON

LAKES TWP



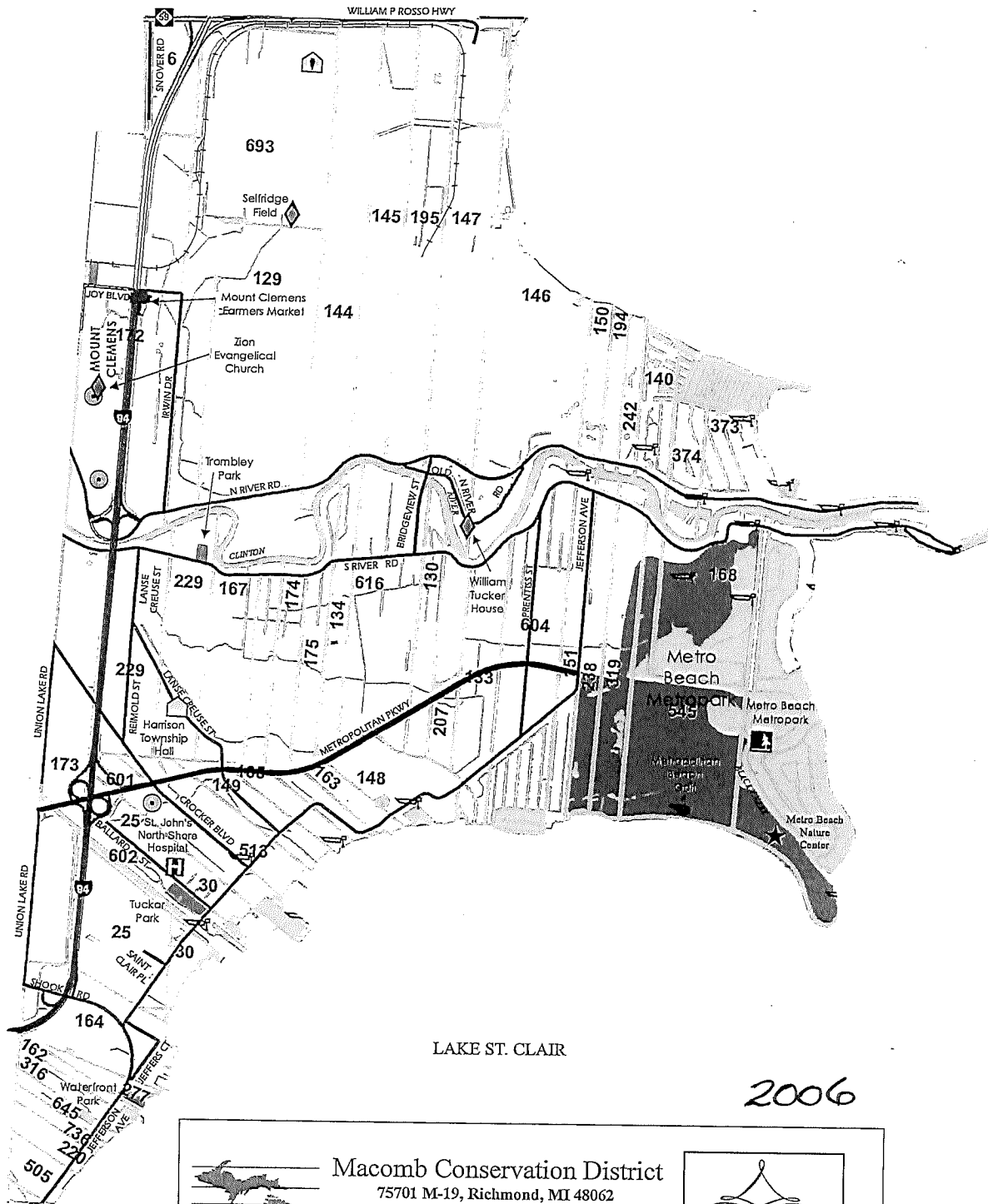
# HARRISON

T. 2N. - R. 14E.



See CHESTERFIELD Page 31

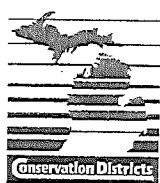
See CLINTON Page 23



LAKE ST. CLAIR

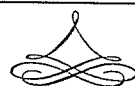
LAKE ST. CLAIR

2006



**Macomb Conservation District**  
 75701 M-19, Richmond, MI 48062  
 Phone: 586-727-2666 Fax: 586-727-2621  
 E-mail: [macombcd@klondyke.net](mailto:macombcd@klondyke.net)  
 Website: [www.macombcd.com](http://www.macombcd.com)

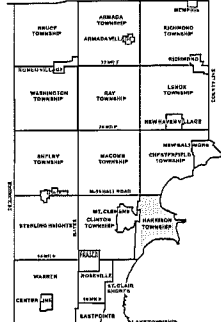
Assistance available for :  
 Tree Sales      Forestry      Native Plants  
 Conservation      Education



*Celebrating  
 55 Years of  
 Managing  
 Macomb County's  
 Natural Resources*



Date of Photography: April 2004  
 100 50 0 100 200 Feet  
 1:1,200



HARRISON TWP SHEET INDEX

12-178	12-179	12-176	12-177	12-175	12-174	12-173	12-172	12-171	12-170	12-169	12-168	12-167	12-166	12-165	12-164	12-163	12-162	12-161	12-160	12-159	12-158	12-157	12-156	12-155	12-154	12-153	12-152	12-151	12-150	12-149	12-148	12-147	12-146	12-145	12-144	12-143	12-142	12-141	12-140	12-139	12-138	12-137	12-136	12-135	12-134	12-133	12-132	12-131	12-130	12-129	12-128	12-127	12-126	12-125	12-124	12-123	12-122	12-121	12-120	12-119	12-118	12-117	12-116	12-115	12-114	12-113	12-112	12-111	12-110	12-109	12-108	12-107	12-106	12-105	12-104	12-103	12-102	12-101	12-100	12-99	12-98	12-97	12-96	12-95	12-94	12-93	12-92	12-91	12-90	12-89	12-88	12-87	12-86	12-85	12-84	12-83	12-82	12-81	12-80	12-79	12-78	12-77	12-76	12-75	12-74	12-73	12-72	12-71	12-70	12-69	12-68	12-67	12-66	12-65	12-64	12-63	12-62	12-61	12-60	12-59	12-58	12-57	12-56	12-55	12-54	12-53	12-52	12-51	12-50	12-49	12-48	12-47	12-46	12-45	12-44	12-43	12-42	12-41	12-40	12-39	12-38	12-37	12-36	12-35	12-34	12-33	12-32	12-31	12-30	12-29	12-28	12-27	12-26	12-25	12-24	12-23	12-22	12-21	12-20	12-19	12-18	12-17	12-16	12-15	12-14	12-13	12-12	12-11	12-10	12-09	12-08	12-07	12-06	12-05	12-04	12-03	12-02	12-01	12-00
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DESCRIPTION OF PERMANENT REAL ESTATE INDEX NUMBER

**13-19-302-018**

AREA NUMBER	SUB AREA NUMBER	BLOCK NUMBER	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

**12-17G**

HARRISON TWP.  
 W.1/2 S.E.1/4 SEC.17 T.2N. R.14E.

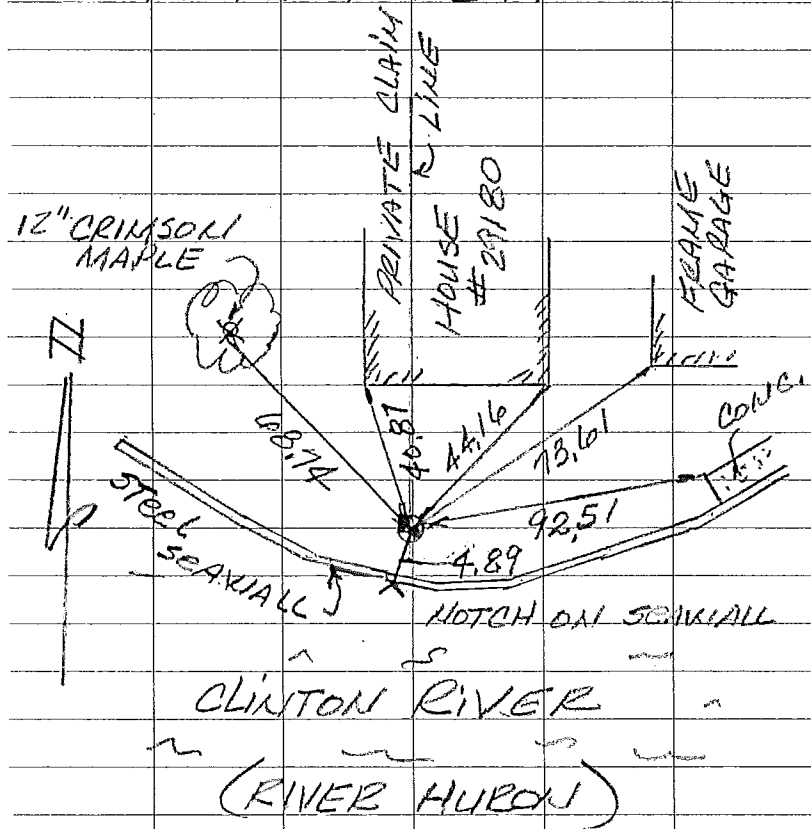
Source: Macomb County Department of Planning and Economic Development  
 -2004 Digital Orthophotography Project  
 - Parcel Conversion Project

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)498-5285.

6-26-2013 PC-035  
RSBS JR

S.W. CORNER OF PC 146  
COMMON WITH THE S.E.  
CORNER OF PC 147



SET TEMPORARY 1/2" IRON AT  
PROPOSED LOCATION.

SET MONUMENT FOR  
PC-035

WITNESSES

S. 88° E, 92.51 FT. N.W. CORNER  
OF CONC. PAD  
N. 38° W. 68.74 FT. SET NAIL  
TAG IN SOUTH FACE OF  
12" CRIMSON MAPLE  
N. 16° W. 40.87 FT. S.W. COR.  
OF HOUSE # 29180  
N. 43° E. 44.16 FT. S.E. COR.  
OF HOUSE # 29180  
N. 62° E. 73.61 FT. S.W. COR.  
OF FRAME GARAGE  
S. 28° W. 4.89 FT. CUT NOTCH  
IN STEEL SEAWALL

P. C. 195

P. C. 147

SELFRIDGE

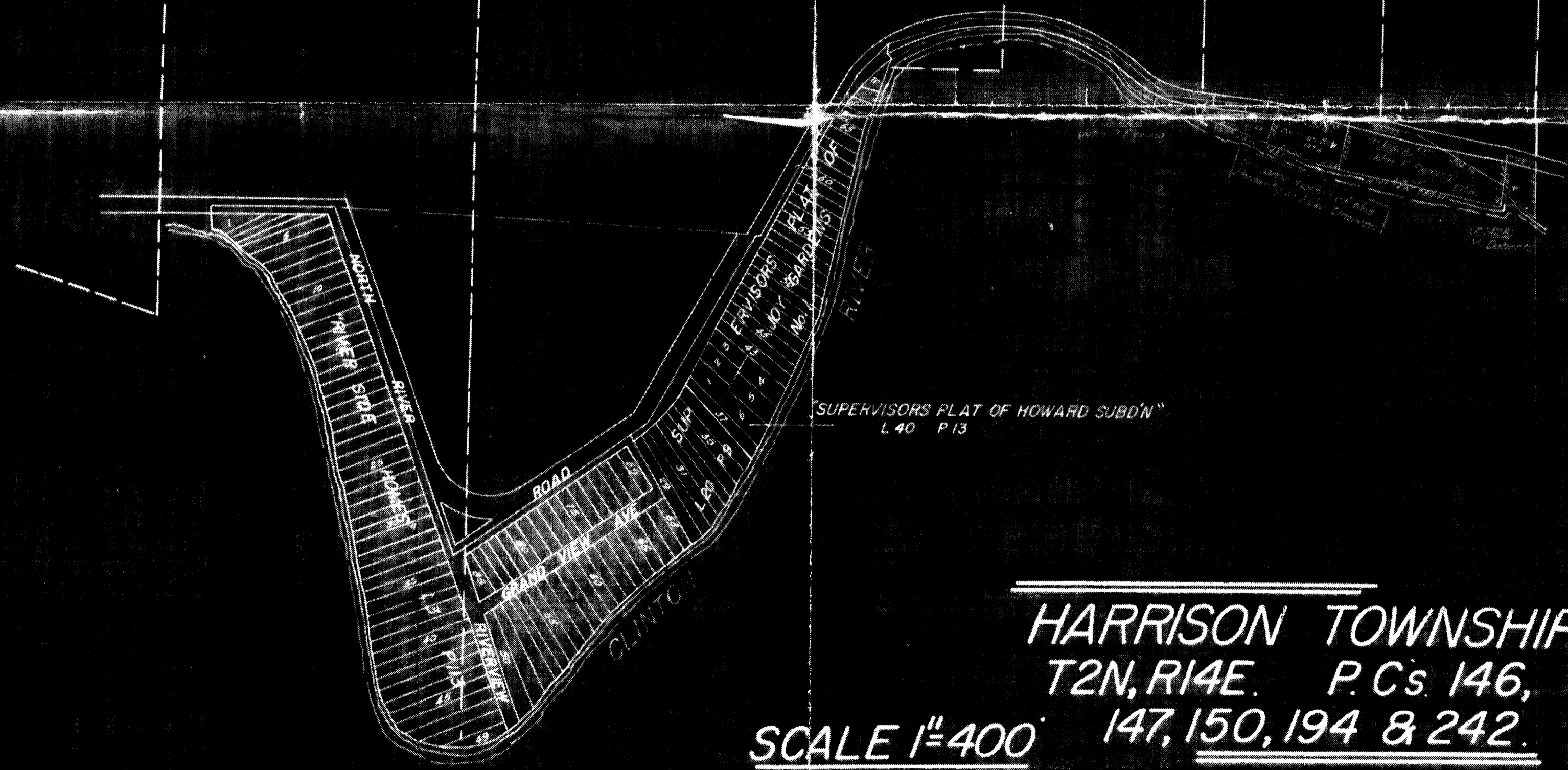
P. C. 146

P. C. 150

P. C. 194

P. C. 242

P. C. 140



"SUPERVISORS PLAT OF HOWARD SUBD'N"  
L 40 P 13

HARRISON TOWNSHIP  
T2N, R14E. P.Cs 146,  
147, 150, 194 & 242.

SCALE 1"=400'

N<sup>o</sup>. 484. N<sup>o</sup>. 4<sup>th</sup> Side of River Huron.

Description N<sup>o</sup>. 146 Conformed to -  
William Fletcher, commencing at a post  
standing on the north border of River Huron  
between this tract and a tract confor-  
med to the Widow Fletcher in trust for her  
two sons Jacob & Charles, thence north, two  
hundred and ninety two chains ninety one  
links, to a post standing on the south  
west line of a tract known by the  
name of Macconnes Reserve, thence south  
forty five degrees East thirty one chains  
ninety six links, to a post standing on  
the border of Lake St. Clair between this  
tract and said Reserve, thence along  
the border of said Lake, north twenty  
three degrees thirty minutes west nineteen  
chains ninety links, thence south fifteen  
degrees west forty seven chains, thence  
south four degrees west, fifteen chains,  
thence south two degrees thirty min-  
utes East twenty eight chains, thence south  
sixteen degrees East thirteen chains, thence  
south eleven degrees west ten chains, thence  
south twenty eight degrees East eight ch-  
ains, thence south fifty three degrees East  
eleven chains, thence south thirty eight  
degrees East seven chains eighty links, -  
thence north fifty one degrees East nine  
teen chains forty links, to a post the bound-  
ary between this tract and a tract -  
conformed to Vincennes at Olive, thence  
north sixty three chains forty five links  
to a post standing on the border of River  
Huron, thence along the border of said  
River north eighty eight degrees west  
one chain, thence south fifty degrees west  
three chains, thence south eleven degrees  
thirty minutes west, fourteen chains, thence  
south nineteen degrees west, thirteen chains  
thence south thirty nine degrees west,  
twenty one chains, thence south twenty  
two degrees west three chains seventy six  
links, to the place of beginning contain-  
ing six hundred and forty acres. -

Detroit, July 14, 1810

Thomas Gealey Surveyor  
of private Lands.

146

①

No. 484

No. 146 Confirmed to  
William Tucker

NORTH SIDE OF RIVER HURON

Description No. 146 Confirmed to William Tucker commencing at a post standing on the north border of River Huron between this tract and a tract confirmed to the widow Tucker in trust for her sons Jacob and Charles, thence north two hundred and ninety two chains ninety one links to a post standing on the southwest line of a tract known by the name of Macconses Reserve thence south forty five degrees east thirty one chains ninety six links to a post standing on the border of Lake St. Clair between this tract and said reserve, thence along the border of said lake south twenty three degrees thirty minutes west nineteen chains ninety links thence south fifteen degrees west forty seven chains thence south four degrees west sixteen chains, thence south two degrees thirty minutes east twenty eight chains, thence south sixteen degrees East thirteen chains, thence south eleven degrees west ten chains, thence south twenty eight degrees east eight chains thence south fifty three degrees east eleven chains, thence south thirty eight degrees east seven chains eighty links, thence south fifty one degrees east nineteen chains forty links, to a post the boundary between this tract and a tract confirmed to Francois St. Oban, thence south, sixty three chains forty five links, to a post standing on the border of River Huron, thence along the border of said River up stream North eighty eight degrees west ten chains, thence south fifty degrees west three chains, thence south eleven degrees thirty minutes west fourteen chains, thence south nineteen degrees west thirteen chains thence south thirty-nine degrees west

-2-

No. 484

twenty one chains, thence south seventy two degrees west three  
chains seventy six links to the place of beginning, containing  
six hundred and forty acres \_\_\_\_\_

Detroit July 14, 1810

Aaron Greeley Surveyor  
of private claims

N<sup>o</sup> 485. North side of River Huron.

Description N<sup>o</sup> 485 Confirmed to the  
Widow Tucker in trust for her two sons,  
Jacob, and Charles. Commencing at a  
post standing on the border of River Huron  
between this tract and a tract -  
Confirmed to Michel Tremble. Thence  
north two hundred and fifty three  
chains thirty links, to a post thence west  
seventeen chains, to a post thence north  
thirty two chains seventy three links, to  
a post, thence south forty five degrees east  
fifty two chains forty three links, to a post.  
(standing on the south west line of  
Maccaus Reserve) the boundary between  
this tract and a tract Confirmed to  
William Tucker, thence south two  
hundred and ninety two chains  
ninety one links, to a post standing  
on the border of River Huron, thence  
along the border of said River upstream  
south seventy two degrees west twenty  
four links, thence north twenty five de-  
grees west - twenty five chains, thence north  
sixty seven degrees west - five chains  
fifty links, to the place of beginning  
Containing six hundred and forty  
acres.

Detroit July 14. 1810

Aaron Gaeley Surveyor  
of private Claims.



No. 485

No. 147 Confirmed to  
the Widow Tucker in  
Trust for her two  
Sons Charles & Jacob

NORTH SIDE OF RIVER HURON

Description No. 147 Confirmed to the Widow Tucker in trust for her two sons, Jacob & Charles, commencing at a post standing on the border of River Huron between this tract and a tract confirmed to Mitchel Tremble thence north two hundred & sixty three chains thirty links to a post thence west seventeen chains to a post thence north thirty two chains seventy three links to a post thence south forty five degrees east fifty two chains forty three links to a post (standing on the south west line of Maccanses Reserve) the boundary between this tract and a tract confirmed to William Tucker thence south two hundred and ninety two chains ninety one links, to a post standing on the border of River Huron thence along the border of said River up stream south seventy two degrees west twenty four links, thence north twenty five degrees west, thirty five chains, thence north sixty seven degrees west five chains fifty links, to the place of beginning, containing six hundred and forty acres \_\_\_\_\_.

Detroit July 14, 1810

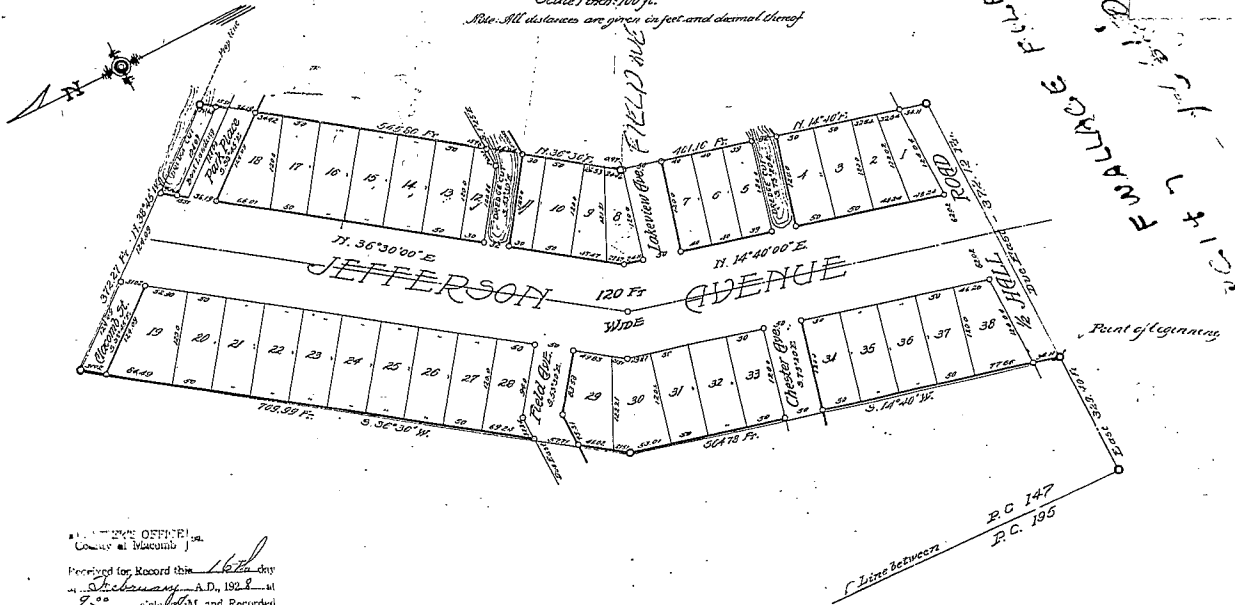
Aaron Greeley Surveyor  
of private claims

# "STEWART POINTE SUBDIVISION"

part of  
P.C. 147, 311, 314E, Chesterfield Twp.  
Macomb County - Michigan

Scale 1 inch = 100 ft.

Note: All distances are given in feet and decimal thereof



RECORDED OFFICE  
County of Macomb  
Received for Record this 16th day  
of July A.D. 1927 at  
7:00 o'clock AM and Recorded  
in 147 of Plats  
by Wm. C. Whitely Registrar.

KNOW ALL MEN BY THESE PRESENTS, That Eugene S. Stewart and Amelia Stewart, his wife, as proprietors have caused the land embraced in the annexed plat to be surveyed laid out and platted, to be known as "STEWART POINTE SUBDIVISION" a part of P. C. 147, 311, 314E, Chesterfield Twp., Macomb County, Michigan and that the streets, boatlanding and dredge cuts as shown on said plat are hereby designated to the use of the public.

Signed and sealed to presence of  
Eugene S. Stewart L.S.  
Amelia Stewart L.S.  
Wm. C. Whitely Registrar L.S.

The land embraced in the annexed Plat of "STEWART POINTE SUBDIVISION" a part of P. C. 147, 311, 314E, Chesterfield Twp., Macomb County Michigan, is described as follows:

Beginning at a point on the center line of the Hall Road (so-called) a distance of 328.40 ft. due E. from the point of intersection of the center line of the Hall Road with the line between P. C. 147 and 195, thence due N. 392.12 ft., thence N. 14°40' E. 401.16 ft. thence N. 36°30' E. 545.80 ft. thence N. 38°45' W. 372.27 ft. thence S. 36°30' W. 709.99 ft. thence S. 14°40' W. 564.78 ft. to the point of beginning.

This to certify that the above plat was approved by the Township Board of the Township of Chesterfield, Macomb County, Michigan at a meeting held TUESDAY, JULY 16TH, A.D. 1927

Wm. C. Whitely  
Township Clerk

STATE OF MICHIGAN  
S.S.  
County of Macomb  
On this 17th day of July 1927 before me, a Notary Public in and for said County, personally came the above named Eugene S. Stewart and Amelia Stewart, his wife known to me to be the persons who executed the above dedication, and acknowledged the same to be their free act and deed.  
Wm. C. Whitely  
Notary Public Macomb CO. Mich.

I hereby certify that the plat hereon delineated is a correct one and that permanent metal monuments of not less than one inch in diameter and sixteen inches in length set in a concrete base at least four inches in diameter and forty-eight inches in depth have been placed at points marked thus "0" as hereon shown at all angles in the boundaries of the land platted, at all the intersections of streets, intersections of alleys or of streets and alleys, and at the intersections of streets and alleys with the boundaries of the plat as shown on said plat.  
Wm. C. Whitely  
Registered Civil Engineer

My Commission expires Aug 13th 1930

Feb 3 28 Quirk & Root  
Notary  
Feb 6 - 1928  
Charles N. Hummer  
Notary  
James C. Elliott



# "SUPERVISOR'S PLAT OF JOY GARDENS No 1"

OF PART OF P.C. 146 T 2 N. R. 14 E.  
HARRISON TWP., MACOMB CO., MICH.

SCALE 1"=100'

WALTER J. LEHNER  
M.T. CLEMENS, MICH.

Note: All dimensions in feet and decimals thereof.

12068

KNOW ALL MEN BY THESE PRESENTS, That I, Floyd W. House, Supervisor of the township of Harrison of Macomb County, State of Michigan, by virtue of authority in me vested by Section 51, Act 172, of 1929, having been duly authorized by the Township Board, have caused the land described in the annexed plat to be surveyed, laid out and platted, to be known as "SUPERVISOR'S PLAT OF JOY GARDENS No. 1", of part of P.C. 146 T. 2 N. 14 E., Harrison Twp., Macomb Co., Mich., and that the streets as shown on said plat are not being used for such purposes.

Witnesses,  
Frank Verine  
Frank Verine  
O. E. Buschlein  
O. E. Buschlein

STATE OF MICHIGAN }  
COUNTY OF MACOMB }  
On this third day of June, A.D. 1940, before me, a Notary Public in and for said county, personally came the above named Floyd W. House, supervisor of Harrison Township, known to me to be the person who executed the above declaration, and acknowledged the same to be his free act and deed as such supervisor.

Notary Public in and for Macomb Co.  
By commission expires  
March 6, 1944

DESCRIPTION OF LAND PLATTED  
The land embraced in the annexed plat of "SUPERVISOR'S PLAT OF JOY GARDENS No. 1", of part of P. C. 146 T. 2 N. 14 E., Harrison Twp., Macomb Co., Mich., is described as follows:

Commencing at a point 713.67 ft. S. 76° 23' 30" E. and 1766.74 ft. S. 85° 30' E. of a stake located at the intersection of the westerly line of P.C. 147 with the North Bank of Clinton River, and thence extending S. 85° 30' E. 29.80 ft; thence N. 31° 14' E. 306.40 ft; thence N. 42° 27' E. 210.55 ft; thence S. 12° 31' E. 53.40 ft; thence S. 33° 52' E. 35.35 ft. to the Clinton River, thence upstream along a meander line, S. 28° 50' E. 265.6 ft; thence S. 17° 36' W. 931.1 ft; thence S. 23° 12' E. 304.6 ft; thence S. 29° 02' W. 256.6 ft; thence S. 37° 33' W. 351.4 ft; thence leaving the river, N. 31° 11' W. 424.0 ft; thence S. 28° 10' E. 86.50 ft; thence N. 31° 21' E. 889.64 ft. to the place of beginning.

JURATOR'S CERTIFICATION  
I hereby certify that the plat hereon delineated is a correct one and that permanent metal monuments consisting of bars not less than one half inch in diameter and 48 inches in length, encased in a concrete cylinder at least 4 inches in diameter and 48 inches in depth have been placed at points marked thus (o) as thereon shown at all angles in the boundaries of the land platted, at all intersections of streets with the boundaries of the plat as shown on said plat.

Walter J. Lehner  
Registered Land Surveyor.

CERTIFICATE OF APPROVAL BY BOARD OF LOCAL ROAD COMMISSIONERS

This plat has been examined and was approved on the 12th day of June, A. D. 1940.

Bert Moore, Chairman  
Lois Schenker, Member

CERTIFICATE OF TOWNSHIP APPROVAL  
This plat was approved by the Township Board of the Township of Harrison, at a meeting held June 3, 1940.

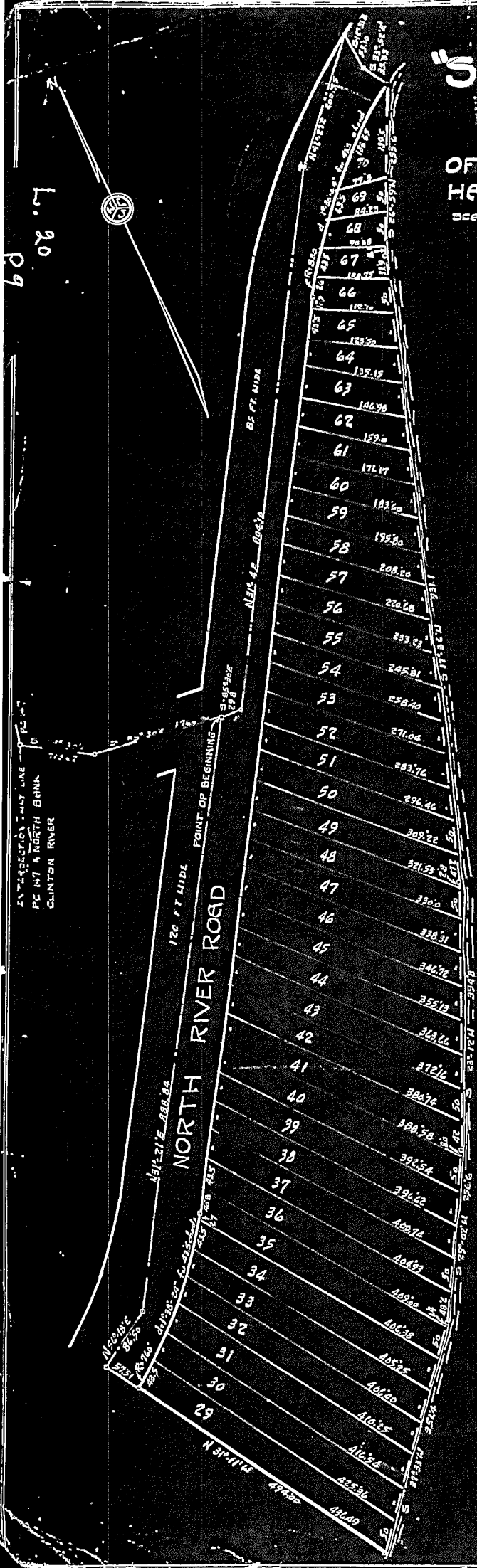
Carl N. Schaefer  
Township Clerk.

CERTIFICATE OF APPROVAL BY COUNTY BOARD  
This plat was approved on the 12th day of June 1940.

Ray H. Gallens, Judge of Probate  
Guy L. Brown, County Clerk  
Carl E. Brandenburg, County Treasurer

Examined and Approved

Mayne Jewell Funge, Deputy Auditor General

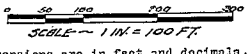


CLINTON RIVER

NORTH RIVER ROAD

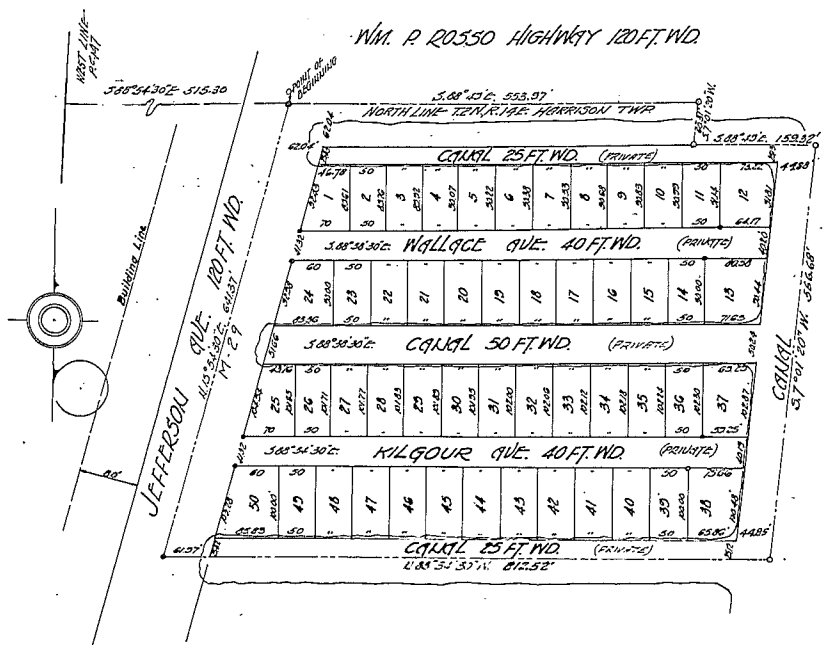
# "WALLACE HALL ROAD SUBDIVISION"

OF PART OF AC. 147, T. 2 N., R. 14 E., HARRISON TWP.,  
MACOMB CO., MICHIGAN.



13685

NOTE: All dimensions are in feet and decimals thereof



Examined and Approved  
May 20, 1941  
*Harry W. Linsley*  
Mayor

*Edmond Kimmel*  
County Clerk

**DEDICATION**  
KNOW ALL MEN BY THESE PRESENTS, that we Florida - Michigan Lands, Inc., a Florida Corporation, authorized to do business in Michigan, by Howard C. Baldwin, President, and Joseph H. Rankin, Secretary, as proprietor, have caused the land embraced in the annexed plat to be surveyed, laid out and platted to be known as "Wallace Hall Road Subdivision", of part of P.C. 147, T. 2 N., R. 14 E., Harrison Township, Macomb Co., Michigan, and that the streets are dedicated to the sole and only use of the lot owners in common.

**DESCRIPTION OF LAND PLATTED**  
The land embraced in the annexed plat of "Wallace Hall Road Subdivision", of part of P.C. 147, T. 2 N., R. 14 E., Harrison Township, Macomb Co., Michigan, is described as follows: Commencing at the intersection of the centerline of Jefferson Ave., and the North line of T. 2 N., R. 14 E., said point being distant 3. 00°-54'-30" E. 515.30 feet from the intersection of the North line of T. 2 N., R. 14 E. and the West line of P.C. 147, thence S. 89°-49' E. 553.97 feet along the North line of T. 2 N., R. 14 E., thence S. 70°-01'-20" W. 60.33 feet, thence S. 88°-49' E. 159.32 feet, thence S. 70°-01'-20" W. 566.68 feet, thence N. 88°-34'-30" W. 612.52 feet to the centerline of Jefferson Ave., thence N. 150°-54'-30" E. 643.37 feet along the centerline of Jefferson Ave. to the point of beginning.

**SIGNED AND SEALED IN THE PRESENCE OF**  
*William H. Hume*  
Notary Public  
STATE OF MICHIGAN  
COUNTY OF Macomb

FLORIDA - MICHIGAN LANDS, INC.,  
*Howard C. Baldwin* President  
*Joseph H. Rankin* Secretary  
Joseph H. Rankin

**CERTIFICATE OF MUNICIPAL APPROVAL**  
This plat was approved by the Township Board of the Township of Harrison at a meeting held March 31, 1941.  
*Carl H. Jobs* Clerk

On this 4th day of April A.D. 1941,  
before me *William H. Hume*, a Notary Public in and for said county appeared *Howard C. Baldwin* and *Joseph H. Rankin* to me personally known, who being each by me duly sworn did say that they are the President and Secretary respectively of the Florida - Michigan Lands, Inc., a Florida Corporation, authorized to do business in Michigan, and that the seal affixed to said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors and the said *Howard C. Baldwin* and *Joseph H. Rankin* acknowledged said instrument to be the free act and deed of said corporation.  
*William H. Hume*  
Notary Public  
My commission expires June 13, 1942

**CERTIFICATE OF APPROVAL BY BOARD OF COUNTY ROAD COMMISSIONERS**  
This plat has been examined and was approved on the 24 day of April 1941 by the Macomb County Board of Road Commissioners.  
*Harry T. Y. Linsley* Chairman  
*Edward S. Finch* Member  
*Carl H. Jobs* Member

**SURVEYOR'S CERTIFICATE**  
I hereby certify that the plat hereon delineated is a correct one and that permanent metal monuments consisting of bars not less than one-half inch in diameter and 48 inches in length, or shorter bars of not less than one-half inch in diameter lapped over each other at least 6 inches with over-all length of not less than 48 inches, encased in a concrete cylinder at least 4 inches in diameter and 48 inches in depth have been placed at points marked thus (o) as thereon shown at all angles in the boundaries of the land platted, at all the intersections of streets, intersections of alleys, and at the intersections of streets and alleys with the boundaries of the plat as shown on said plat.  
*Earl Phillips*  
Registered Land Surveyor

**CERTIFICATE OF APPROVAL BY COUNTY BOARD**  
REGISTERED OFFICE: This plat was approved on the 24 day of April 1941.  
County of Macomb  
Received for Record this 24 day of April A.D. 1941.  
*Joseph W. Tinsley* Judge of Probate  
*Guy W. Brown* County Clerk  
*Carl H. Brandenburg* County Treasurer

ORIGINAL COPY.

146/147

# STEWART POINTE SUBDIVISION NO. 1 PART OF PRIVATE CLAIMS 146 & 147, T3N, R14E

## CHESTERFIELD TOWNSHIP MACOMB COUNTY, MICHIGAN

MUNICIPAL APPROVAL

This plat was approved by the Township Board of the Township of Chesterfield at a meeting held July 22, 1949. Leo Blakely (Chair)

STREET OFFICE  
City of Macomb  
read for Record this 21st day of April A.D. 1949  
at 10:00 o'clock A.M. and Recorded on 25 of (Date)  
1949  
Leo Mayelle

Scale: 1 inch = 60 ft.

Note: All dimensions are given in feet or decimals thereof. Note: It is the intention that all Lots are conveyed to water's edge of all Canals.

Ernest L. Pottgill  
Reg. Civil Engineer  
Mount Clemens, Mich.

APPROVAL BY COUNTY BOARD

This plat was approved on the 19th day of March, 1949.  
Aaron Burr (County Register of Deeds)  
A. H. Jim Hofstetter (County Clerk)  
Lynn Whalen (County Treasurer)

### DEDICATION

KNOW ALL MEN BY THESE PRESENTS, that we Eugene Stewart and Amelia Stewart, his wife, and Asa Stewart and Margaret Stewart, his wife

as proprietors, have caused the land embraced in the annexed plat to be surveyed, laid out and plotted, to be known as Stewart Pointe Subdivision No. 1 Part of Private Claim 146 & 147, Chesterfield Township, Macomb County, Michigan, T. 3 N., R. 14 E.

and that the streets and alleys as shown on said plat are hereby dedicated to the use of the public.

Signed and Sealed in the presence of  
Russell Harder (Witness) Eugene Stewart  
Chas. H. Francis (Witness) Amelia Stewart

Asa Stewart (S.S.)  
Margaret Stewart (S.S.)  
Margaret Stewart  
Margaret Stewart

### ACKNOWLEDGMENT

STATE OF MICHIGAN

County of Macomb

On this 22nd day of February, 1949, before me,

a Notary Public in and for said County, personally came the above named Eugene Stewart and Amelia Stewart, his wife, and Asa Stewart and Margaret Stewart, his wife

known to me to be the persons who executed the above dedication, and acknowledging the same to be their free act and deed.

Charles H. Francis  
Notary Public  
My Commission expires August 30, 1950

### DESCRIPTION OF LAND PLATTED

The land embraced in the annexed plat of Stewart Pointe Subdivision No. 1, part of Private Claim 146 & 147, T3N, R14E, Chesterfield Township, Macomb County, Michigan is described as follows:

Commencing at the intersection of the west line of Private Claim 147 and the south line of Chesterfield Township thence south 89 Deg. 55 Min. east 701.52 feet along the center line of Hall road which is south line of Chesterfield Township to the point of beginning. Thence south 89 Deg. 55 Min. east 685.8 feet, Thence north 14 Deg. 34 Min. east 203 feet, Thence north 61 Deg. 49 Min. east 124.0 feet, Thence north 33 Deg. 33 Min. west 58.34 feet, thence north 36 Deg. 45 Min. west 235.2 feet thence south 89 Deg. 27 Min. west 501.94 feet, Thence south 35 Deg. 30 Min. west 119.4 feet, Thence south 14 Deg. 40 Min. west 402.36 feet to the point of beginning.

### APPROVAL BY BOARD OF COUNTY ROAD COMMISSIONERS

This plat has been examined and was approved on the 22nd day of March, 1949, by the Macomb County Board of Road Commissioners.

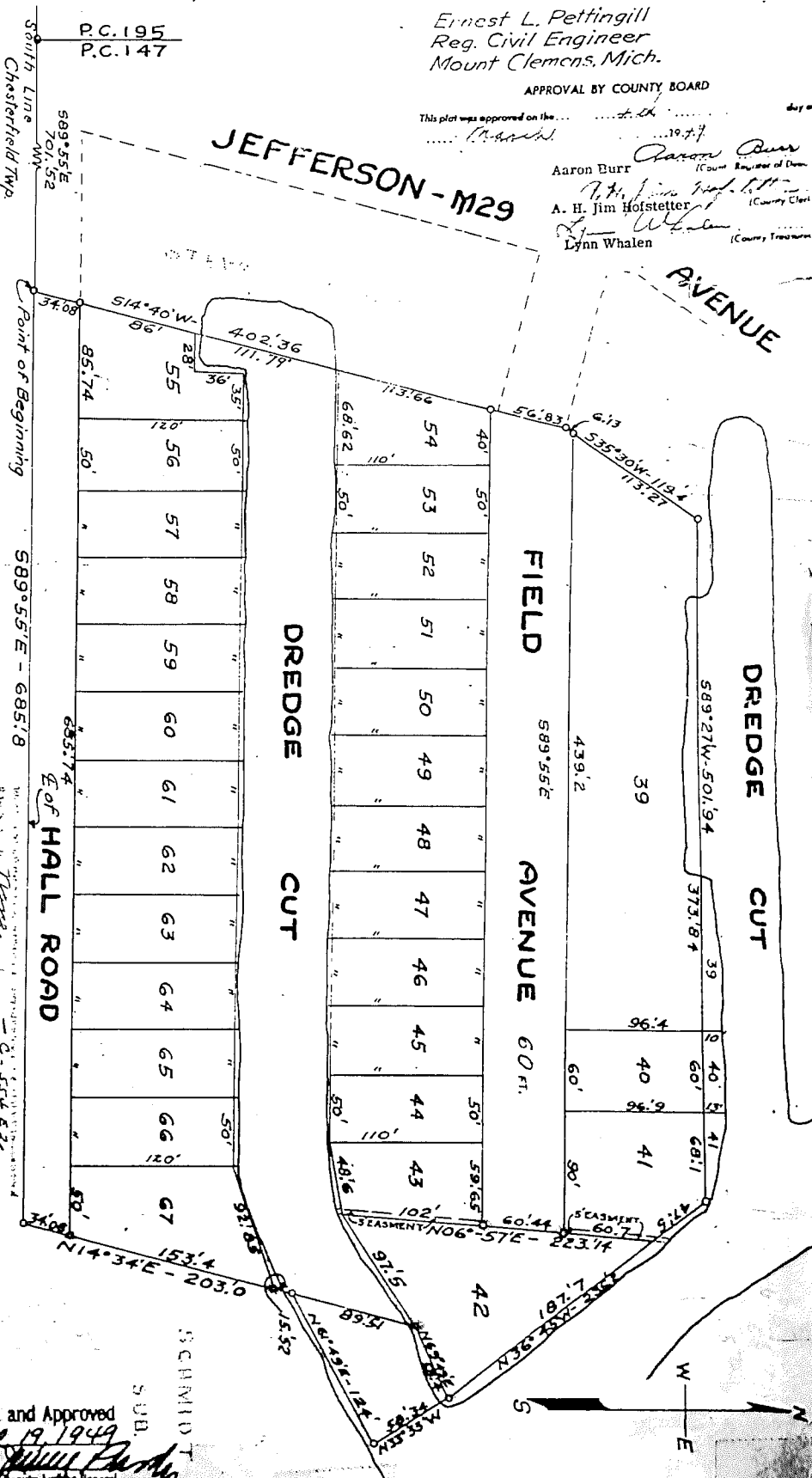
W. E. Malow (Chairman)  
Roy Cooper (Member)  
Alfred Foerster (Member)

### SURVEYORS CERTIFICATE

I hereby certify that the plat hereon delineated is a correct one and that permanent metal monuments consisting of bars not less than one half inch in diameter and 48 inches in length encased in a concrete cylinder at least 4 inches in diameter and 48 inches in depth have been placed at points marked thus (C) as thereon shown at all angles in the boundaries of the land platted, at all the intersections of streets, and at the intersections of streets with the boundaries of the plat as shown on said plat.

Ernest L. Pottgill  
Registered Land Surveyor

Examined and Approved  
April 19, 1949  
Leo Blakely

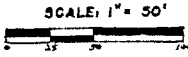


**"SUPERVISORS PLAT OF HOWARD SUBDN"  
PART OF P. C. 146 T. 2 N. R. 13 & 14 E.  
HARRISON TWP. MACOMB CO. MICH.**

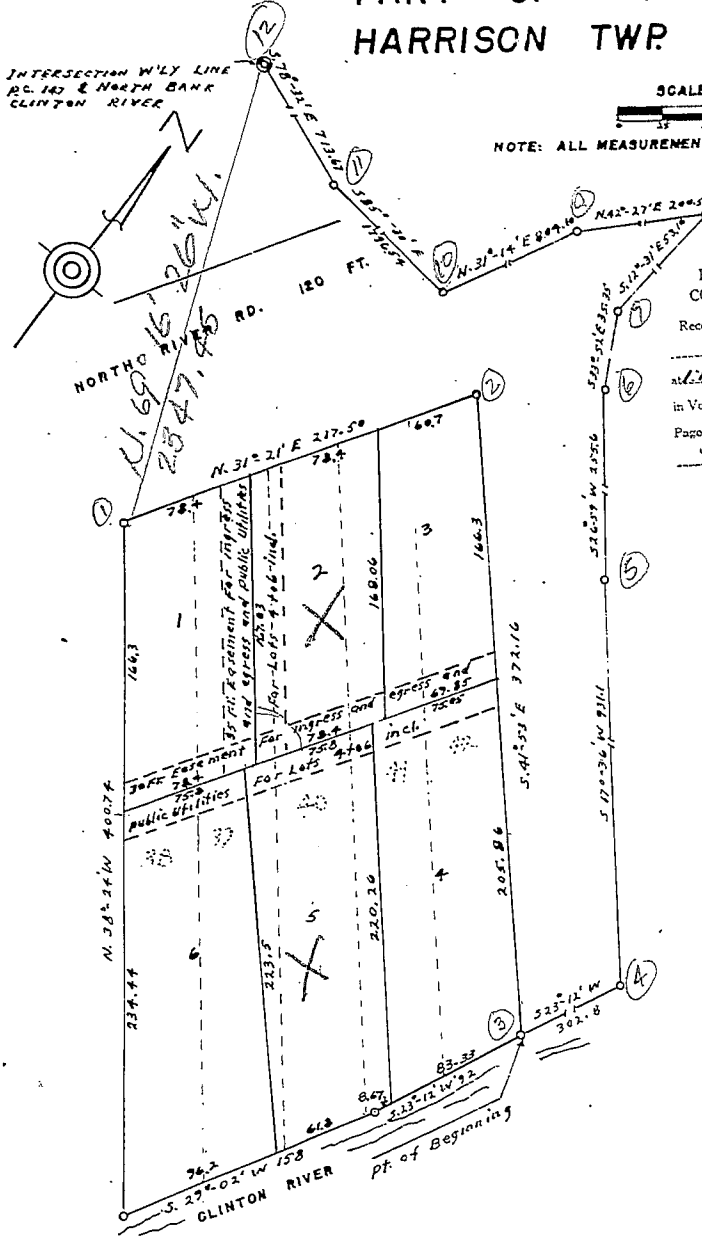
146

EXAMINED AND APPROVED  
Date SEP 27 1957

*Frank S. Szymanski*  
FRANK S. SZYMANSKI  
AUDITOR GENERAL  
MICHIGAN



NOTE: ALL MEASUREMENTS ARE IN FEET AND DECIMALS THEREOF



354430

HARRY J. FULLER  
REGISTERED LAND SURVEYOR  
MT. CLEMENS MICH.

REGISTER'S OFFICE  
COUNTY OF MACOMB  
Received for Record  
October 2, 1957  
at 11:10 o'clock P.M. and recorded  
in Vol. 40 of Plats, on  
Page 13  
*Raymond P. Craig*  
Register of Deeds

CERTIFICATE OF APPROVAL BY  
BOARD OF COUNTY ROAD COMMISSIONERS  
This plat has been examined and approved on  
the 17th day of Sept, 1957  
by the Board of County Road Commissioners  
of Macomb County.

*Raymond P. Craig* Chairman  
*Ernest W. McCallum* Member

THIS IS TO CERTIFY THAT ACCORDING TO THE COUNTY TREASURER'S RECORDS  
THERE ARE NO TAX LIENS ON THIS PROPERTY AND THAT TAXES ARE PAID FOR  
FIVE YEARS PREVIOUS TO DATE OF THIS INSTRUMENT EXCEPT 200.55  
No. 12684 Lynn Whalen, MACOMB COUNTY TREASURER  
DATE 9-2-57 *Lynn Whalen*

**DEDICATION**

KNOW ALL MEN BY THESE PRESENTS, That I, Ralph E. Beaufait Supervisor of the Township of Harrison of Macomb County, State of Michigan by virtue of authority in me vested by Section 51, Act 172 of 1929 having been duly authorized by the Township Board, have caused the land described in the annexed plat to be surveyed, laid out, and platted, to be known as "Supervisors Plat of Howard Subdn" part of P.C. 146 T. 2 N.R. 13 & 14 E., Harrison Township, Macomb County, Michigan and that the roads shown as shown on said plat are now being used for such purpose

*Ralph E. Beaufait*  
Ralph E. Beaufait, Supervisor of  
Township of Harrison  
*Clifford A. John*  
Clifford A. John, Witness

**ACKNOWLEDGMENT**

STATE OF MICHIGAN)  
County of Macomb )  
On this 9th day of September A.D., 1957 before me, a Notary Public in and for said county, personally came the above named Ralph Beaufait, Supervisor of the Township of Harrison, known to me to be the person who executed the above dedication and acknowledged the same to be his free act and deed as such Supervisor.

*Howard W. Phillips*  
HOWARD W. PHILLIPS  
Notary Public Macomb Co., Michigan

My Commission expires June 19 1959

**DESCRIPTION OF LAND PLATTED**

The land embraced in the annexed plat of "Supervisors Plat of Howard Subdn" being a replat of Lots 38 to 42 inclusive of Supervisors Plat of Joy Gardens Subdivision No. 1, all a part of P.C. 146 T. 2 N.R. 13 & 14, Harrison Township, Macomb County, Michigan, is described as follows:

Commencing at the intersection of the westerly line of P.C. 147 and the North Bank of the Glinton River thence S 78° 32' E 713.57 feet, thence S 85° 30' E 1796.54 feet, thence N 31° 14' E 804.10 feet, thence N 42° 27' E 200.55 feet, thence S 12° 31' E 53.10 feet, thence S 33° 52' E 35.35 feet, thence S 26° 59' W 255.6 feet, thence S 17° 36' W 931.1 feet, thence S 23° 12' W 302.5 feet to the point of beginning which is the Southeast corner of Lot 42 of Supervisors plat of Joy Gardens Subdivision, thence S 23° 12' W 92 feet, thence S 29° 02' W 158 feet, thence N 38° 24' W 400.74 feet, thence N 31° 21' E 217.50 feet, thence S 41° 53' E 372.16 feet, to the point of beginning, containing Lots 1 to 6 numbering 6 lots.

**SURVEYOR'S CERTIFICATE**

I hereby certify that the plat hereon delineated is a correct one and that permanent metal monuments consisting of bars not less than one-half inch in diameter and 36 inches in length, or shorter bars of not less than one-half inch in diameter lapped over each other at least 6 inches with an over-all length of not less than 36 inches, encased in a concrete cylinder at least 4 inches in diameter and 36 inches in depth have been placed at points marked thus (o) as thereon shown at all angles in the boundaries of the land platted, at all intersections of street, intersections of alleys, or of streets and alleys, and at the intersections of streets and alleys with the boundaries of the plat as shown on said plat.

*Harry J. Fuller*  
Harry J. Fuller  
Registered Land Surveyor

**MUNICIPAL APPROVAL**

This plat was approved by the Township Board of the Township of Harrison at a meeting held Monday September 9 1957

*Howard W. Phillips*  
Howard W. Phillips, Clerk

**APPROVAL BY COUNTY BOARD**

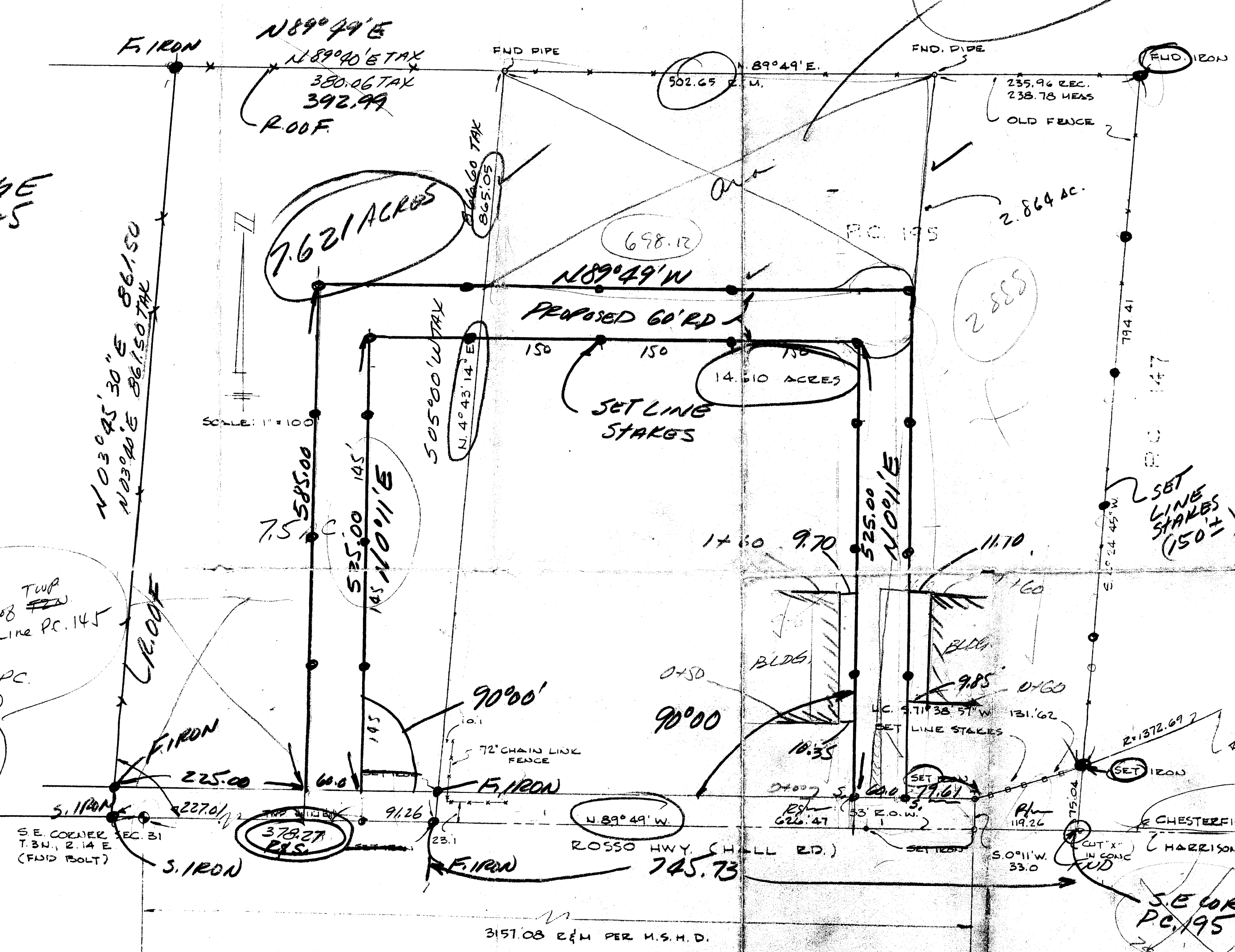
This plat was approved on the 24th day of September 1957.

*Aaron Burr*  
Aaron Burr, County Registered of Deeds  
*Albert Wagner*  
Albert Wagner, County Clerk  
*Lynn Whalen*  
Lynn Whalen, County Treasurer  
*Frank C. Lohr*  
Frank Lohr, County Drain Commissioner

(6)

USE ORANGE FOR 70A-385

DESC. 11-15-73  
DON KEHRIG



14.610  
7.621  
22.231 ac.

INT. S line of TWP  
& PC. W. Line PC. 145  
TIE TO PC.

67-1284  
589-49E  
937.19

S.E. CORNER SEC. 31  
T. 3N., R. 14E.  
(FIND BOLT)

3 40  
89-49  
93-29  
86-21

378.27  
287.01  
→ 91.26

949-9610

4-24-25  
89-49  
94-13 45

866  
33  
833  
565

844.70  
RUS RS RWTH.

S.E. COR  
PC. 195

REVISIONS			DATE
BULL'N	DATE	BY	
			2-9-68
LEHNER ASSOCIATES, INC. REG. CIVIL ENGINEERS & SURVEYORS MT. CLEMENS, MICHIGAN			DRAWN D.A.
			CHECKED G.A.
SKETCH OF SURVEY PART OF P.C. 195, T. 3N., R. 14E., CHESTERFIELD TWP., MACOMB CO. MICHIGAN FOR: JOHN KEHRIG			JOB NO. 67-1153
			SHEET NO.

Parcel	Grantor	Inst.	Date Recorded	Liber Page
1	Harry J. Burley	D	6-23-44	558-104
2	Asa J. Stewart	"	1-19-44	541-606
3	Norman J. Oberliesen	"	1-22-44	542-195
4	Catherine Budick	"	1-19-44	541-592
5	John B. Watman	"	"	541-596
6	Norman J. Oberliesen	"	"	541-602
7	Asa J. Stewart	"	"	541-604
8	Lillian Conney	"	"	541-594
9	Eugene Stewart	"	"	541-600
10	"	"	"	541-598

Curve Data  
 $\Delta = 54^{\circ}29' L$   
 $D = 4^{\circ}00'$   
 $T = 737.62'$   
 $L = 1362.08'$   
 $P.C. = Sta. 99+30.82$   
 $P.I. = Sta. 105+68.44$   
 $P.T. = Sta. 111+92.90$

Curve Data  
 $\Delta = 14^{\circ}37' L$   
 $D = 2^{\circ}27'$   
 $T = 300.0'$   
 $L = 596.57'$   
 $P.I. = Sta. 128+73.5$

Curve Data  
 $\Delta = 104^{\circ}45' R$   
 $\Delta_1 = 14^{\circ}45' R$   
 $D = 6^{\circ}00'$   
 $T = 123.66'$   
 $L = 245.83'$   
 $P.I. = Sta. 104+53.52$   
 $\Delta_2 = 90^{\circ}00' R$   
 $R = 225.0'$   
 $T = 225.0'$   
 $L = 353.43'$   
 $P.I. = Sta. 108+00.69$

PRIVATE CLAIM 146  
 Curve Data  
 $\Delta = 11^{\circ}23' L$   
 $D = 3^{\circ}08'$   
 $T = 182.1'$   
 $L = 363.04'$   
 $P.I. = Sta. 126.006$

Sta. Equation  
 $Sta. 127+81.54 =$   
 $Sta. 127+82.7$   
 Line shortens 1.16'

Curve Data  
 $\Delta = 2^{\circ}22' L$   
 $D = 1^{\circ}19'$   
 $T = 279.88'$   
 $L = 559.49'$   
 $P.I. = Sta. 154+15$

Sta. Equation  
 $Sta. 156+99.88 =$   
 $Sta. 160+15.12$   
 Line shortens 15.12'

Curve Data  
 $\Delta = 2^{\circ}50' L$   
 $D = 0^{\circ}28'$   
 $T = 300.0'$   
 $L = 598.59'$   
 $P.I. = Sta. 172+85$

Sta. Equation  
 $Sta. 175+85.59 =$   
 $Sta. 175+85.0$   
 Line shortens 1.41'

Curve Data  
 $\Delta = 4^{\circ}44' R$   
 $D = 1^{\circ}18'$   
 $T = 182.1'$   
 $L = 364.1'$   
 $P.I. = Sta. 121+36.4$

Curve Data  
 $\Delta = 57^{\circ}59' R$   
 $D = 5^{\circ}44'$   
 $T = 344.16'$   
 $L = 662.5'$   
 $P.I. = Sta. 135+75.6$

Sta. Equation  
 $Sta. 136+93.96 =$   
 $Sta. 139+19.76$   
 Line shortens 25.80'

Note  
 Part of M-59 covered by Proj. 50-46 is County construction. The only information available is a C survey. This does not always agree with information obtained from Plats. Jefferson Ave has 120ft. of R.O.W. on this sheet, most of which was purchased by the Macomb Co. Road Commission.

P.O.E. Proj. 50-44  
 Sta. 131+70.07

P.O.B. Proj. 50-46  
 Sta. 107+18.9  
 County Plans

—PROJ. 50-46—  
 ANCHOR BAY HARBOR  
 ABANDONED

**RIGHT-OF-WAY MAP**

DRAWN BY: CTE	CHECKED BY:	ROUTE	PROJ./JOB#	CONTROL SECTION	SHEET NO.
LAST REVISION DATE: 2-03-06		M-59	50-44	50023	41
COUNTY: MACOMB			50-R-2		
FILE NO.:					

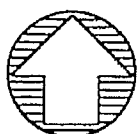
8



REC'D RECORDS 10/18/12 10:07

# METCO SERVICES, INC.

12504 STEPHENS, WARREN, MI 48089  
TEL - (586) 755-5770 • FAX (586) 755-5774  
www.metcoservices.com

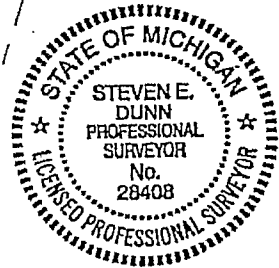
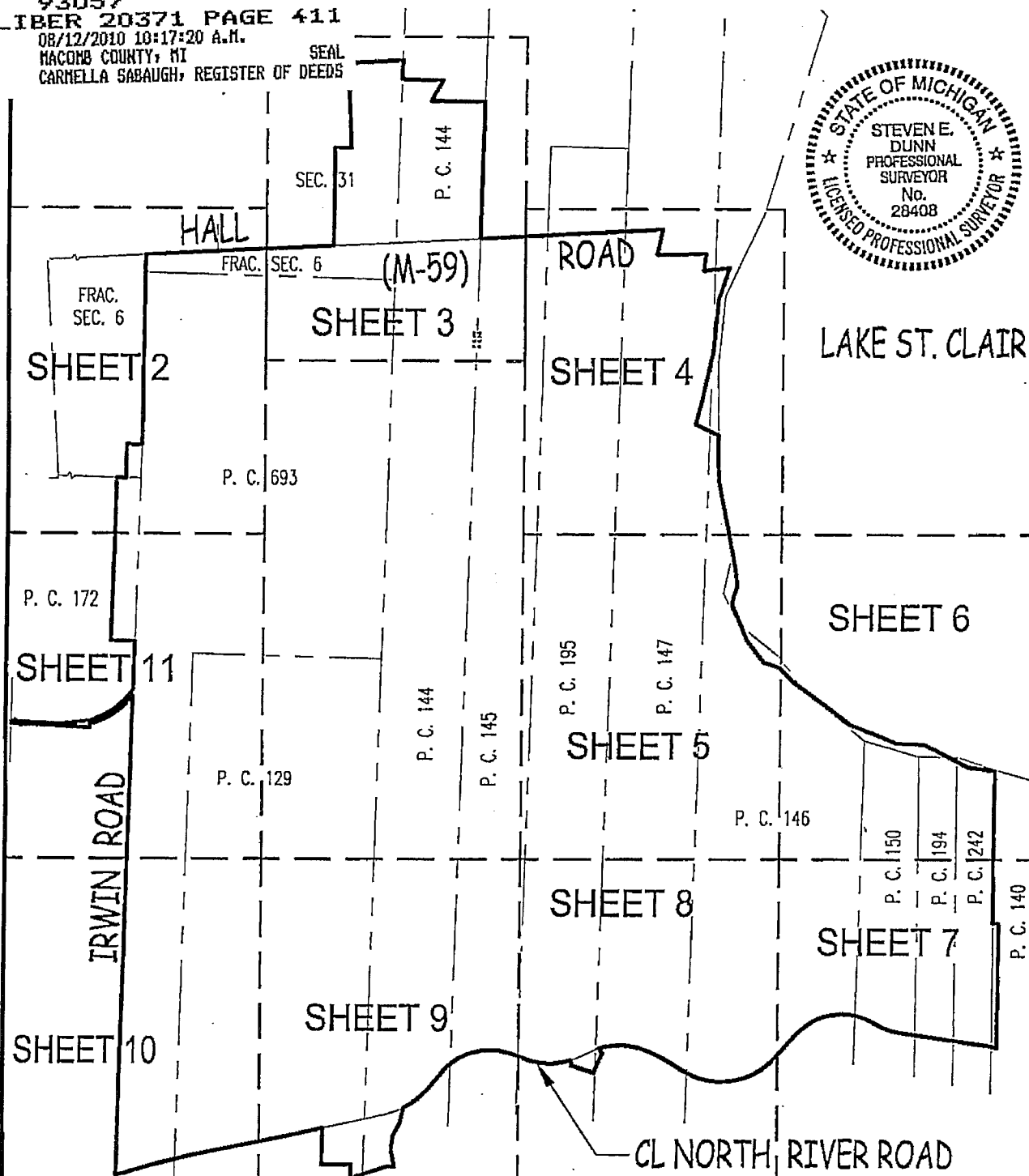


# CERTIFICATE OF SURVEY

93057  
LIBER 20371 PAGE 411

08/12/2010 10:17:20 A.M.  
MACOMB COUNTY, MI  
CARNELLA SABAUGH, REGISTER OF DEEDS

SEAL



**NOTE:** THIS DOCUMENT SUPERCEDES THE DOCUMENT RECORDED IN LIBER 19128 OF DEEDS ON PAGES 138-150 PER REVISIONS MADE ON SHEET 8 (PUMP STATION AREA) AND SHEET 12 (LEGAL DESCRIPTION) OF 13 ON MARCH 22, 2010.

CLIENT: S. A. N. G.  
 ADDRESS: 28700 RAILROAD AVE. BLDG. 127  
 CITY, STATE & ZIP: HARRISON TOWNSHIP, MI 48045  
 TWP.: HARRISON P.C.: VARIOUS COUNTY: MACOMB  
 DATE: 01/07/08 DRAWN BY: CSD  
 JOB NO.: 07-125 SHEET NO.: 1 OF 13  
 SCALE: 1" = 2000'  
 BOOK/PAGE: N/A

LEGAL DESCRIPTION: SEE SHEETS 12 & 13 OF 13

I hereby certify that I have surveyed and mapped the land above and/or described on December 7, 2007 and that the ratio of closure is within the positional tolerance accepted by the profession of land surveying for GPS observations and that all requirements of Public Act 132, 1970 have been complied with. Bearings are based on State Plane Coordinates from GPS observations.

*Steven E. Dunn*  
 STEVEN E. DUNN, PROFESSIONAL SURVEYOR #28408



Mar 31, 2010 - 11:50am  
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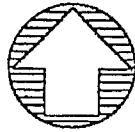
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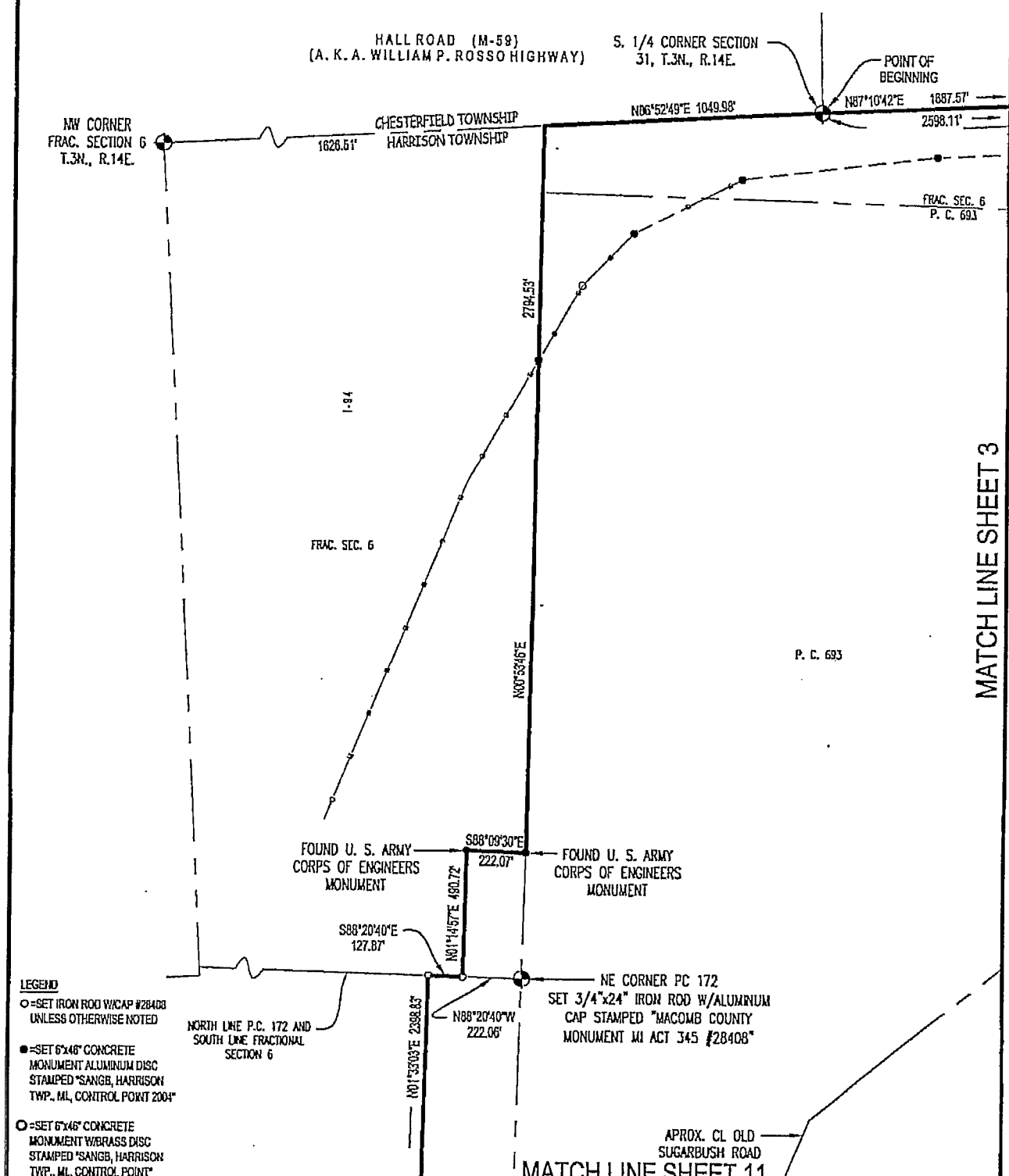
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**METCO**  
SERVICES, INC.

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TEL - (586) 755-5770 • FAX (586) 755-5774  
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# CERTIFICATE OF SURVEY



- LEGEND**
- = SET IRON ROD W/CAP #28408 UNLESS OTHERWISE NOTED
  - = SET 6"x8" CONCRETE MONUMENT ALUMINUM DISC STAMPED "SANGB, HARRISON TWP., MI, CONTROL POINT 2004"
  - = SET 6"x8" CONCRETE MONUMENT W/BRASS DISC STAMPED "SANGB, HARRISON TWP., MI, CONTROL POINT"

CLIENT: S. A. N. G.  
 ADDRESS: 28700 RAILROAD AVE. BLDG. 127  
 CITY, STATE & ZIP: HARRISON TOWNSHIP, MI 48045  
 TWP.: HARRISON P.C.: VARIOUS COUNTY: MACOMB  
 DATE: 01/07/08 DRAWN BY: CSD  
 JOB NO.: 07-125 SHEET NO.: 2 OF 13  
 SCALE: 1" = 500'

BOOK/PAGE: N/A

Mar 31, 2010 - 11:51am  
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LEGAL DESCRIPTION: SEE SHEETS 12 & 13 OF 13

STATE OF MICHIGAN

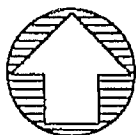
STEVEN E. DUNN  
PROFESSIONAL SURVEYOR  
No. 28408  
LICENSED PROFESSIONAL SURVEYOR

*Steven E. Dunn*  
STEVEN E. DUNN, PROFESSIONAL SURVEYOR #28408

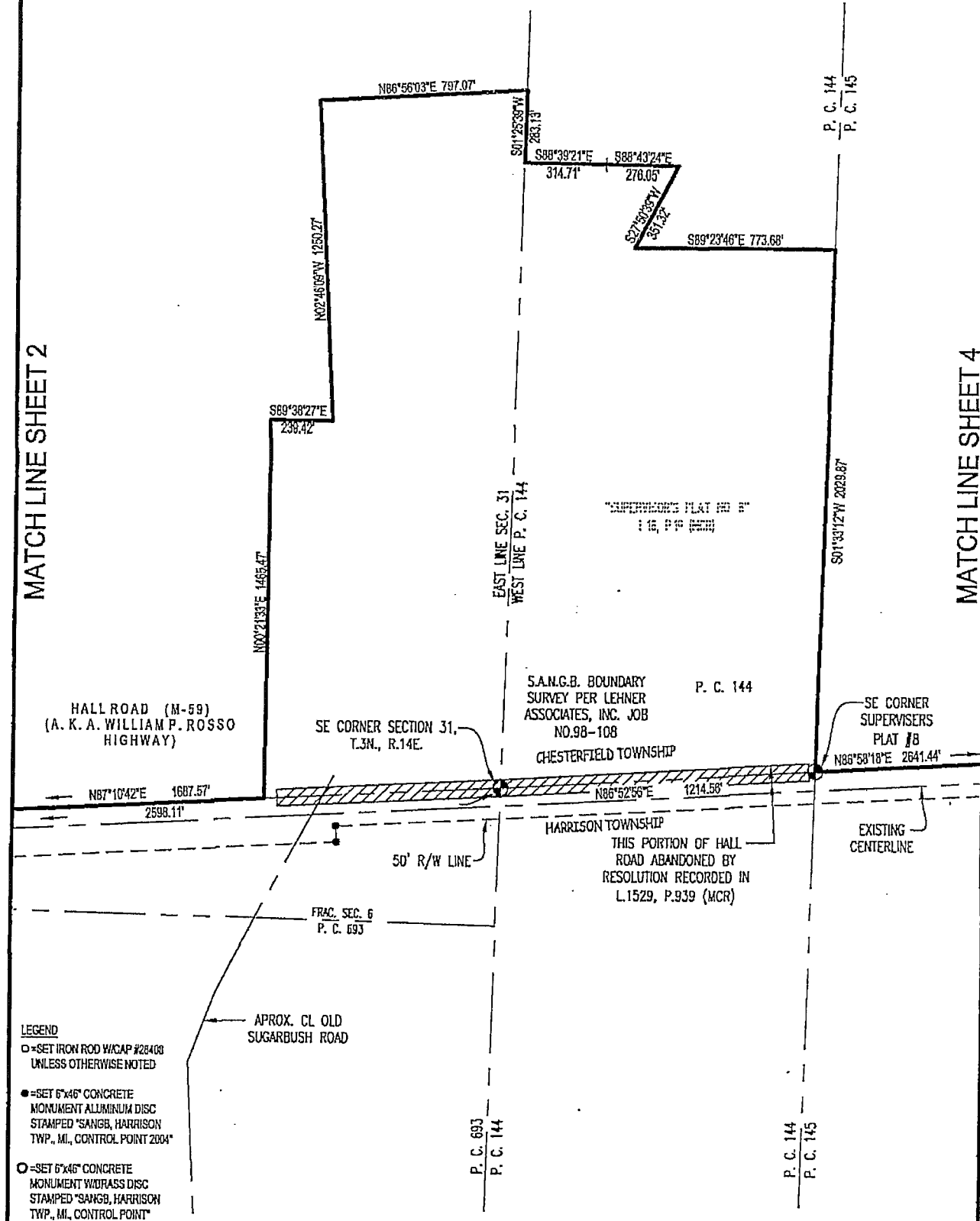
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**METCO**  
SERVICES, INC.

12504 STEPHENS, WARREN, MI. 48089  
TEL - (586) 755-5770 • FAX (586) 755-5774  
www.metcoservicea.com



# CERTIFICATE OF SURVEY



CLIENT: S. A. N. G.  
 ADDRESS: 28700 RAILROAD AVE, BLDG. 127  
 CITY, STATE & ZIP: HARRISON TOWNSHIP, MI 48045  
 TWP.: HARRISON P.C.: VARIOUS COUNTY: MACOMB  
 DATE: 01/07/08 DRAWN BY: CSD  
 JOB NO.: 07-125 SHEET NO.: 3 OF 13  
 SCALE: 1" = 500'  
 BOOK/PAGE: N/A

Max 31, 2010 - 11:52am  
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LEGAL DESCRIPTION: SEE SHEETS 12 & 13 OF 13

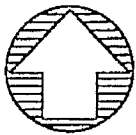
**STEVEN E. DUNN**  
 PROFESSIONAL SURVEYOR  
 No. 28408  
 LICENSED PROFESSIONAL SURVEYOR

*Steven E. Dunn*  
 STEVEN E. DUNN, PROFESSIONAL SURVEYOR #28408

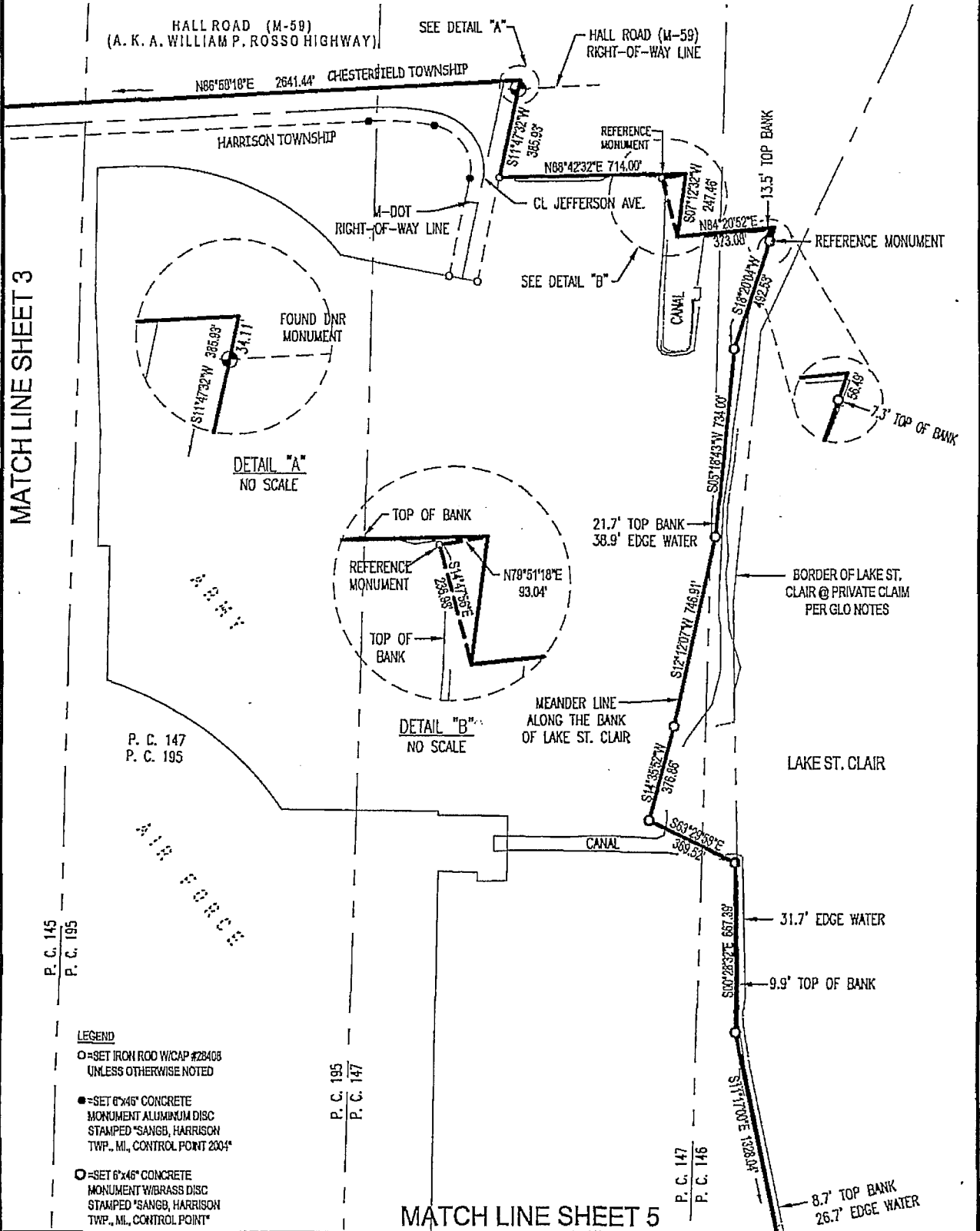
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# CERTIFICATE OF SURVEY



**LEGEND**

- = SET IRON ROD W/CAP #28408 UNLESS OTHERWISE NOTED
- = SET 6"x46" CONCRETE MONUMENT ALUMINUM DISC STAMPED "SANGB, HARRISON TWP., MI., CONTROL POINT 2004"
- = SET 6"x46" CONCRETE MONUMENT W/BRASS DISC STAMPED "SANGB, HARRISON TWP., MI., CONTROL POINT"

CLIENT: S. A. N. G.  
 ADDRESS: 28700 RAILROAD AVE. BLDG. 127  
 CITY, STATE & ZIP: HARRISON TOWNSHIP, MI 48045  
 TWP.: HARRISON - P.C.: VARIOUS COUNTY: MAGOMB  
 DATE: 01/07/08 DRAWN BY: CSD  
 JOB NO.: 07-125 SHEET NO.: 4 OF 13  
 SCALE: 1" = 500'  
 BOOK/PAGE: N/A

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LEGAL DESCRIPTION: SEE SHEETS 12 & 13 OF 13

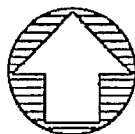


*Steven E. Dunn*  
 STEVEN E. DUNN, PROFESSIONAL SURVEYOR #28408

(9)

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SERVICES, INC.

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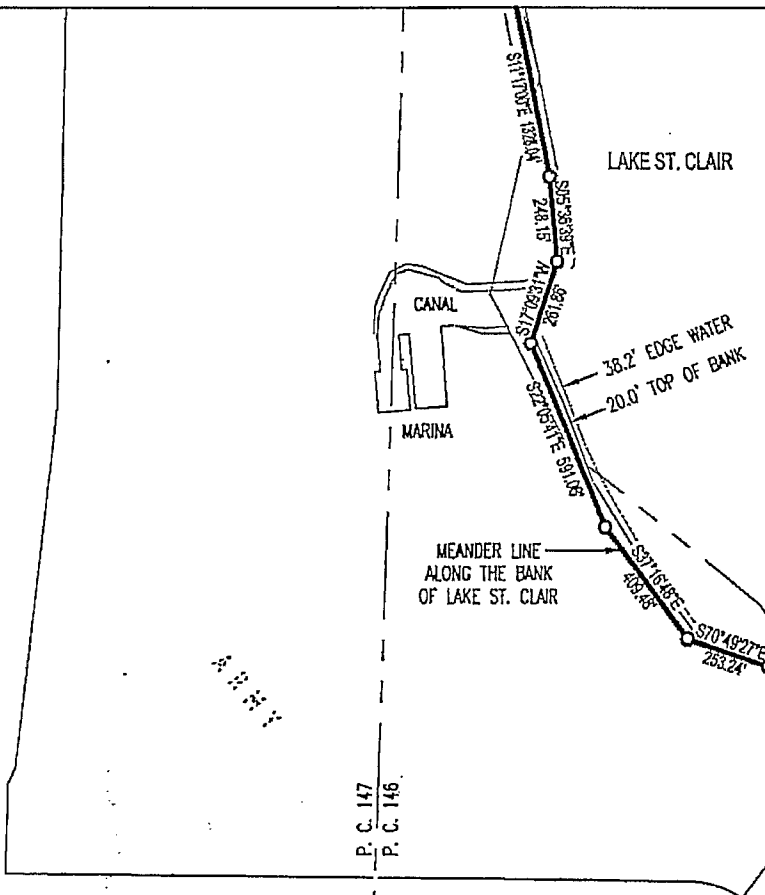


# CERTIFICATE OF SURVEY

MATCH LINE SHEET 4

P. C. 145  
P. C. 195

P. C. 195  
P. C. 147



P. C. 147  
P. C. 146

MATCH LINE SHEET 6

**LEGEND**

- = SET IRON ROD W/CAP #28408 UNLESS OTHERWISE NOTED
- = SET 6"x6" CONCRETE MONUMENT ALUMINUM DISC STAMPED "SANGB, HARRISON TWP., MI., CONTROL POINT 2004"
- = SET 6"x6" CONCRETE MONUMENT W/BRASS DISC STAMPED "SANGB, HARRISON TWP., MI., CONTROL POINT"

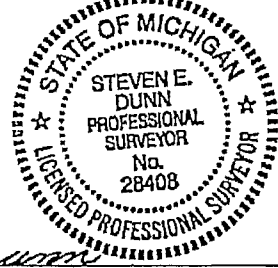
CLIENT: S. A. N. G.  
 ADDRESS: 28700 RAILROAD AVE. BLDG. 127  
 CITY, STATE & ZIP: HARRISON TOWNSHIP, MI 48045  
 TWP.: HARRISON P.C.: VARIOUS COUNTY: MACOMB  
 DATE: 01/07/08 DRAWN BY: CSD  
 JOB NO.: 07-125 SHEET NO.: 5 OF 13  
 SCALE: 1" = 500'

BOOK/PAGE: N/A



Mar 31, 2010 - 11:53am  
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LEGAL DESCRIPTION: SEE SHEETS 12 & 13 OF 13



*Steven E. Dunn*  
STEVEN E. DUNN, PROFESSIONAL SURVEYOR #28408

9

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SERVICES, INC.

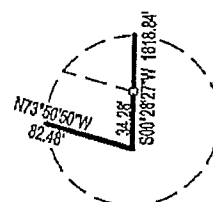
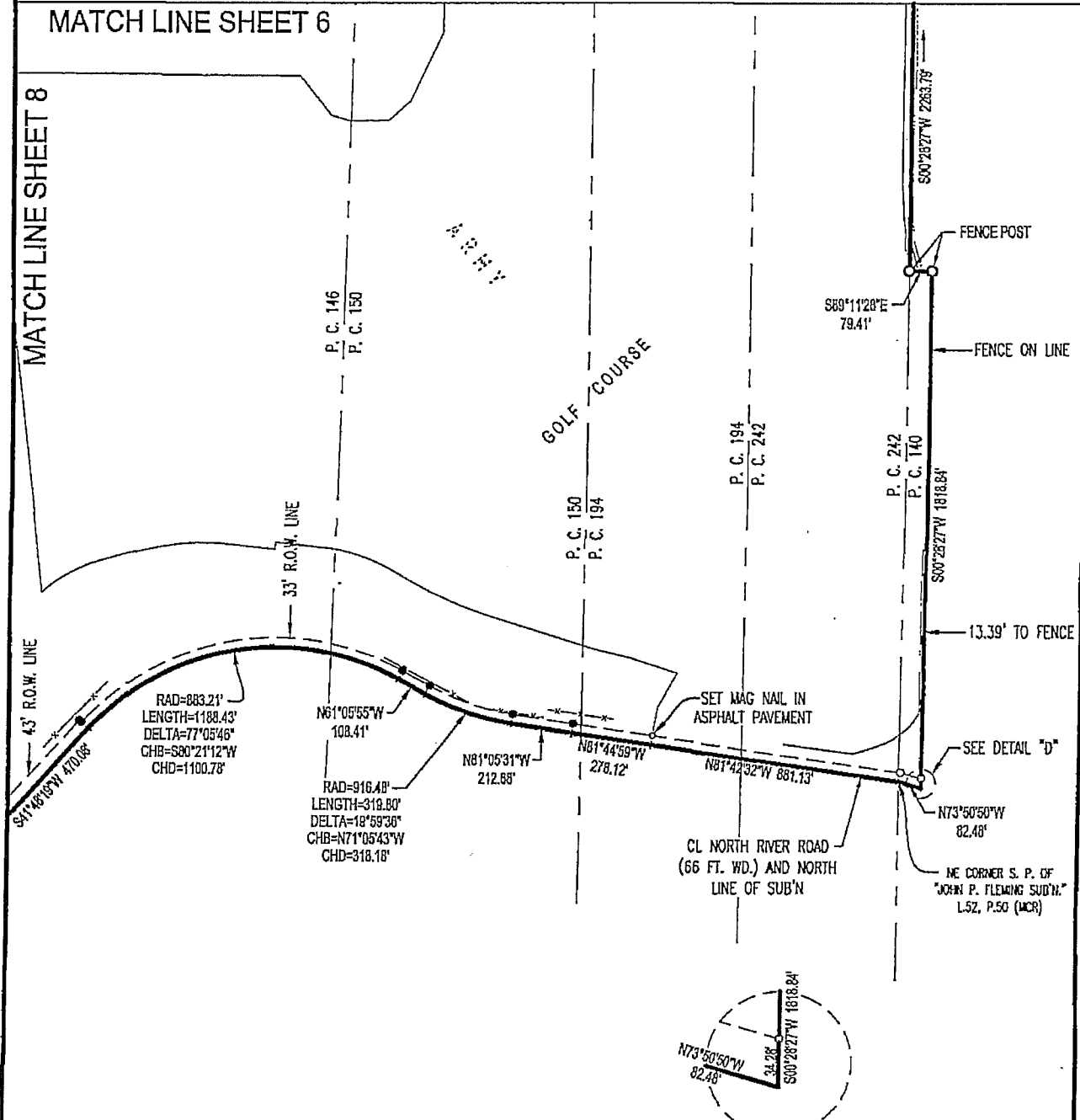
12504 STEPHENS, WARREN, MI 48089  
TEL - (586) 755-5770 • FAX (586) 755-5774  
www.metcoservices.com



# CERTIFICATE OF SURVEY

MATCH LINE SHEET 6

MATCH LINE SHEET 8



DETAIL "D"  
NO SCALE

- LEGEND**
- =SET IRON ROD W/CAP #28408 UNLESS OTHERWISE NOTED
  - =SET 6"x46" CONCRETE MONUMENT ALUMINUM DISC STAMPED "SANGH, HARRISON TWP., MI, CONTROL POINT 2004"
  - =SET 6"x46" CONCRETE MONUMENT W/BRASS DISC STAMPED "SANGH, HARRISON TWP., MI, CONTROL POINT"

CLIENT: S. A. N. G.  
 ADDRESS: 28700 RAILROAD AVE. BLDG. 127  
 CITY, STATE & ZIP: HARRISON TOWNSHIP, MI 48045  
 TWP.: HARRISON P.C.: VARIOUS COUNTY: MACOMB  
 DATE: 01/07/08 DRAWN BY: CSD  
 JOB NO.: 07-125 SHEET NO.: 7 OF 13  
 SCALE: 1" = 500'  
 BOOK/PAGE: N/A

LEGAL DESCRIPTION: SEE SHEETS 12 & 13 OF 13

STATE OF MICHIGAN

STEVEN E. DUNN  
PROFESSIONAL SURVEYOR  
No. 28408  
LICENSED PROFESSIONAL SURVEYOR

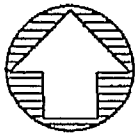
*Steven E. Dunn*  
STEVEN E. DUNN, PROFESSIONAL SURVEYOR #28408

Mar 31, 2010 - 11:55am  
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www.mietcoservice.com

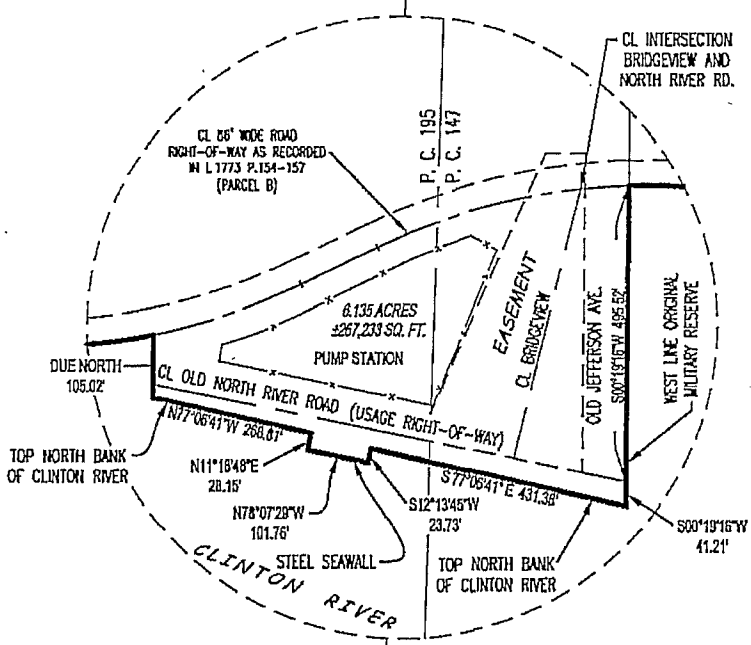


# CERTIFICATE OF SURVEY

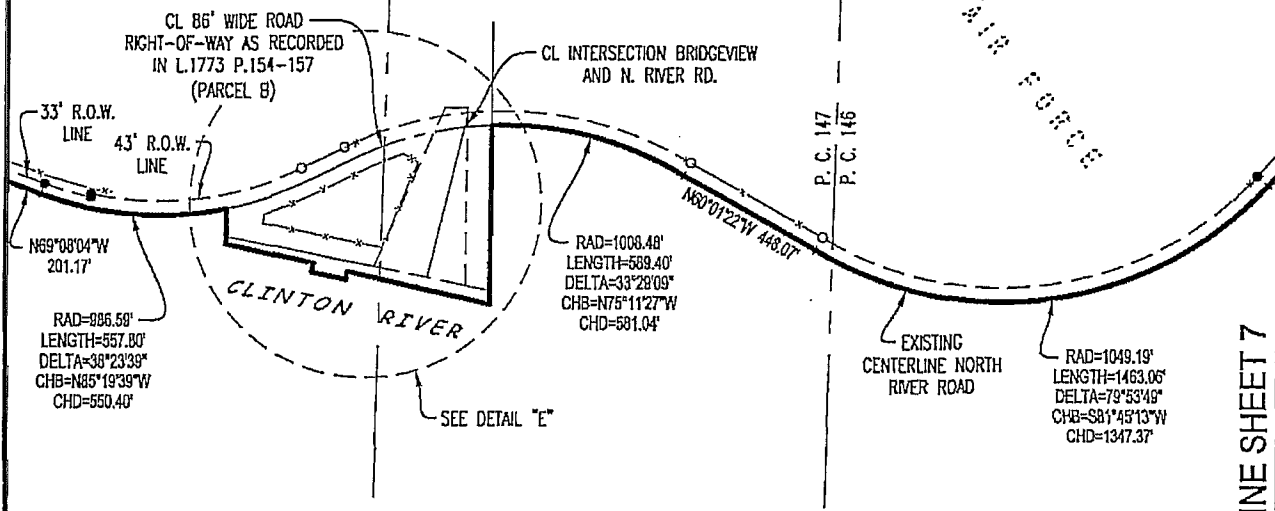
MATCH LINE SHEET 9

P. C. 195

P. C. 195  
P. C. 147



DETAIL "E"  
NO SCALE



MATCH LINE SHEET 7

- LEGEND**
- = SET IRON ROD W/CAP #28408 UNLESS OTHERWISE NOTED
  - = SET 6"x48" CONCRETE MONUMENT ALUMINUM DISC STAMPED "SANGB, HARRISON TWP., MI., CONTROL POINT 2004"
  - = SET 6"x48" CONCRETE MONUMENT W/BRASS DISC STAMPED "SANGB, HARRISON TWP., MI., CONTROL POINT"

REV: 03-22-10 - CSD

CLIENT: S. A. N. G.

ADDRESS: 28700 RAILROAD AVE. BLDG. 127

CITY, STATE & ZIP: HARRISON TOWNSHIP, MI 48045

TWP.: HARRISON P.C.: VARIOUS COUNTY: MACOMB

DATE: 01/07/08 DRAWN BY: CSD

JOB NO.: 07-125 SHEET NO.: 8 OF 13

SCALE: 1" = 500'

BOOK/PAGE: N/A

LEGAL DESCRIPTION: SEE SHEETS 12 & 13 OF 13

STEVEN E. DUNN  
PROFESSIONAL SURVEYOR  
No. 28408  
LICENSED PROFESSIONAL SURVEYOR

*Steven E. Dunn*  
STEVEN E. DUNN, PROFESSIONAL SURVEYOR #28408



Mar 31, 2010 - 11:55am  
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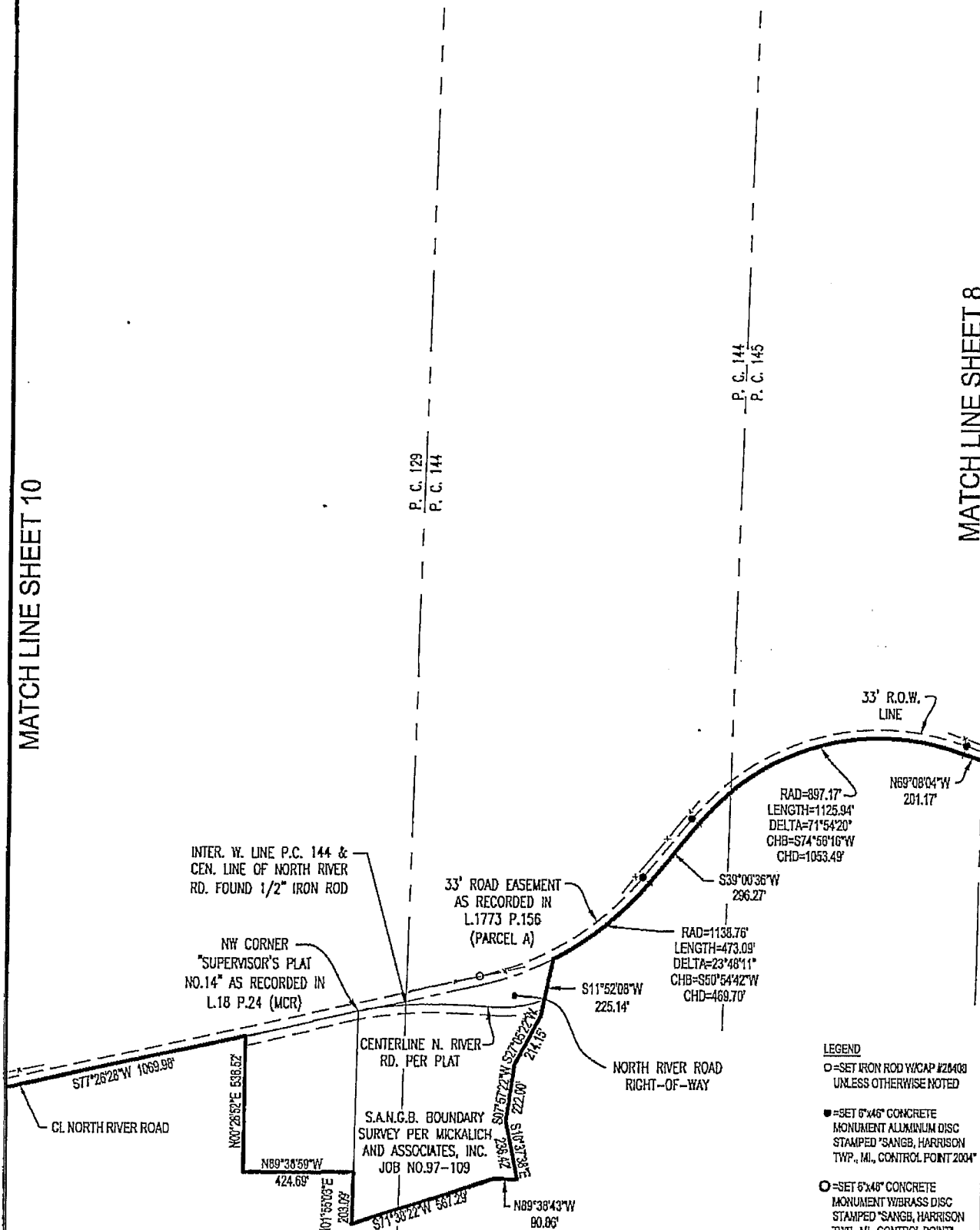
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# CERTIFICATE OF SURVEY

MATCH LINE SHEET 10

MATCH LINE SHEET 8



**LEGEND**  
 ○ = SET IRON ROD W/ CAP #28408 UNLESS OTHERWISE NOTED  
 ● = SET 6"x48" CONCRETE MONUMENT W/ BRASS DISC STAMPED "SANGB, HARRISON TWP., MI., CONTROL POINT 2004"  
 ○ = SET 6"x48" CONCRETE MONUMENT W/ BRASS DISC STAMPED "SANGB, HARRISON TWP., MI., CONTROL POINT"

CLIENT: S. A. N. G.  
 ADDRESS: 28700 RAILROAD AVE. BLDG. 127  
 CITY, STATE & ZIP: HARRISON TOWNSHIP, MI 48045  
 TWP.: HARRISON P.C.: VARIOUS COUNTY: MACOMB  
 DATE: 01/07/08 DRAWN BY: CSD  
 JOB NO.: 07-125 SHEET NO.: 9 OF 13  
 SCALE: 1" = 500'  
 BOOK/PAGE: N/A

LEGAL DESCRIPTION: SEE SHEETS 10 & 11 OF 13

**STEVE E. DUNN**  
 PROFESSIONAL SURVEYOR  
 No. 28408  
 LICENSED PROFESSIONAL SURVEYOR

*Steven E. Dunn*  
 STEVEN E. DUNN, PROFESSIONAL SURVEYOR #28408

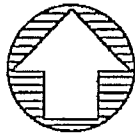


9



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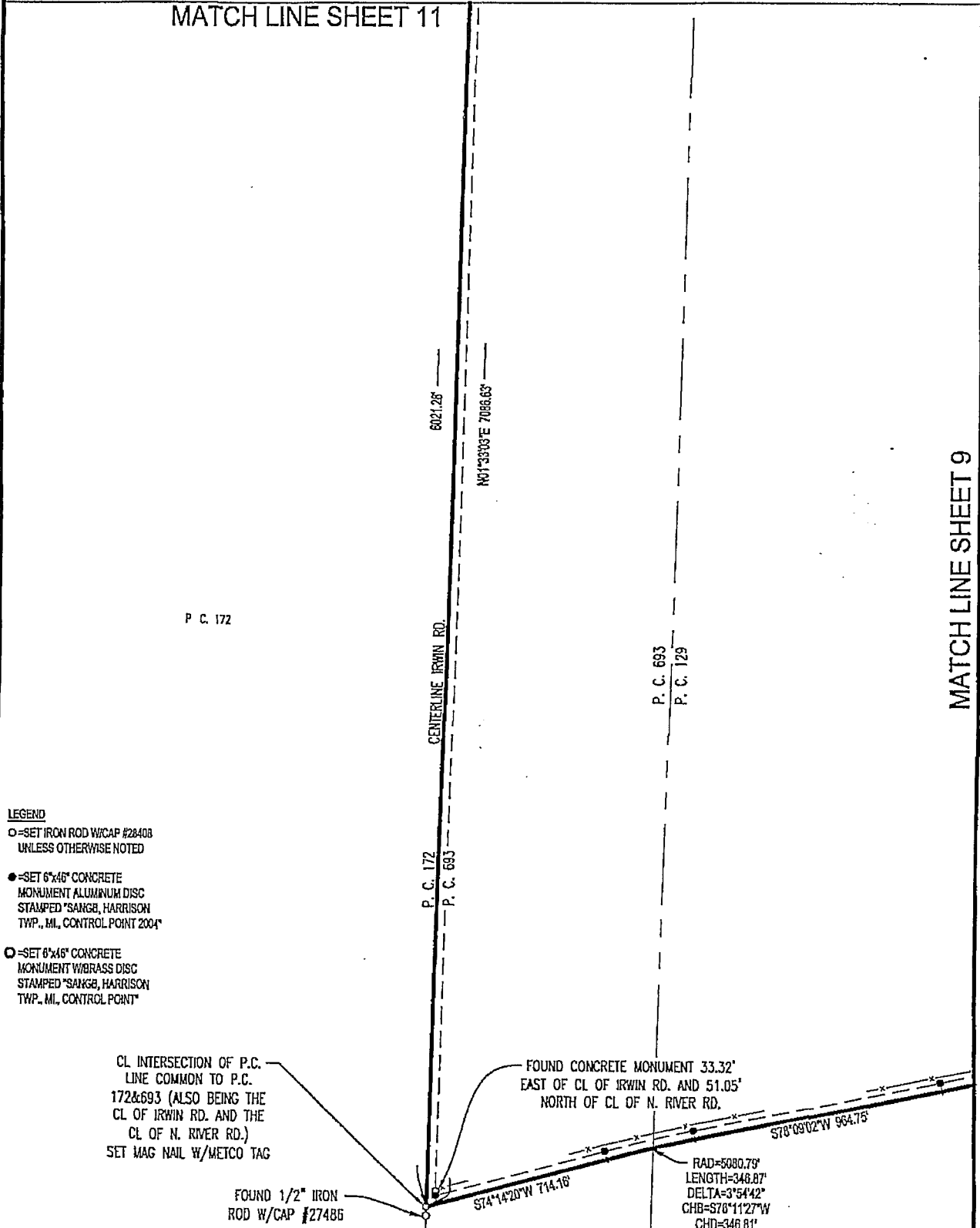
# CERTIFICATE OF SURVEY

MATCH LINE SHEET 11

MATCH LINE SHEET 9

**LEGEND**

- =SET IRON ROD W/CAP #28408 UNLESS OTHERWISE NOTED
- =SET 6"x16" CONCRETE MONUMENT ALUMINUM DISC STAMPED "SANGH, HARRISON TWP., MI, CONTROL POINT 2004"
- =SET 6"x16" CONCRETE MONUMENT W/BRASS DISC STAMPED "SANGH, HARRISON TWP., MI, CONTROL POINT"



CLIENT: S. A. N. G.  
 ADDRESS: 28700 RAILROAD AVE. BLDG. 127  
 CITY, STATE & ZIP: HARRISON TOWNSHIP, MI 48045  
 TWP.: HARRISON P.C.: VARIOUS COUNTY: MACOMB  
 DATE: 01/07/08 DRAWN BY: CSD  
 JOB NO.: 07-125 SHEET NO.: 10 OF 13  
 SCALE: 1" = 500'  
 BOOK/PAGE: N/A

LEGAL DESCRIPTION: SEE SHEETS 12 & 13 OF 13

STATE OF MICHIGAN

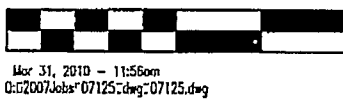
STEVEN E. DUNN

PROFESSIONAL SURVEYOR

No. 28408

LICENSED PROFESSIONAL SURVEYOR

*Steven E. Dunn*  
 STEVEN E. DUNN, PROFESSIONAL SURVEYOR #28408



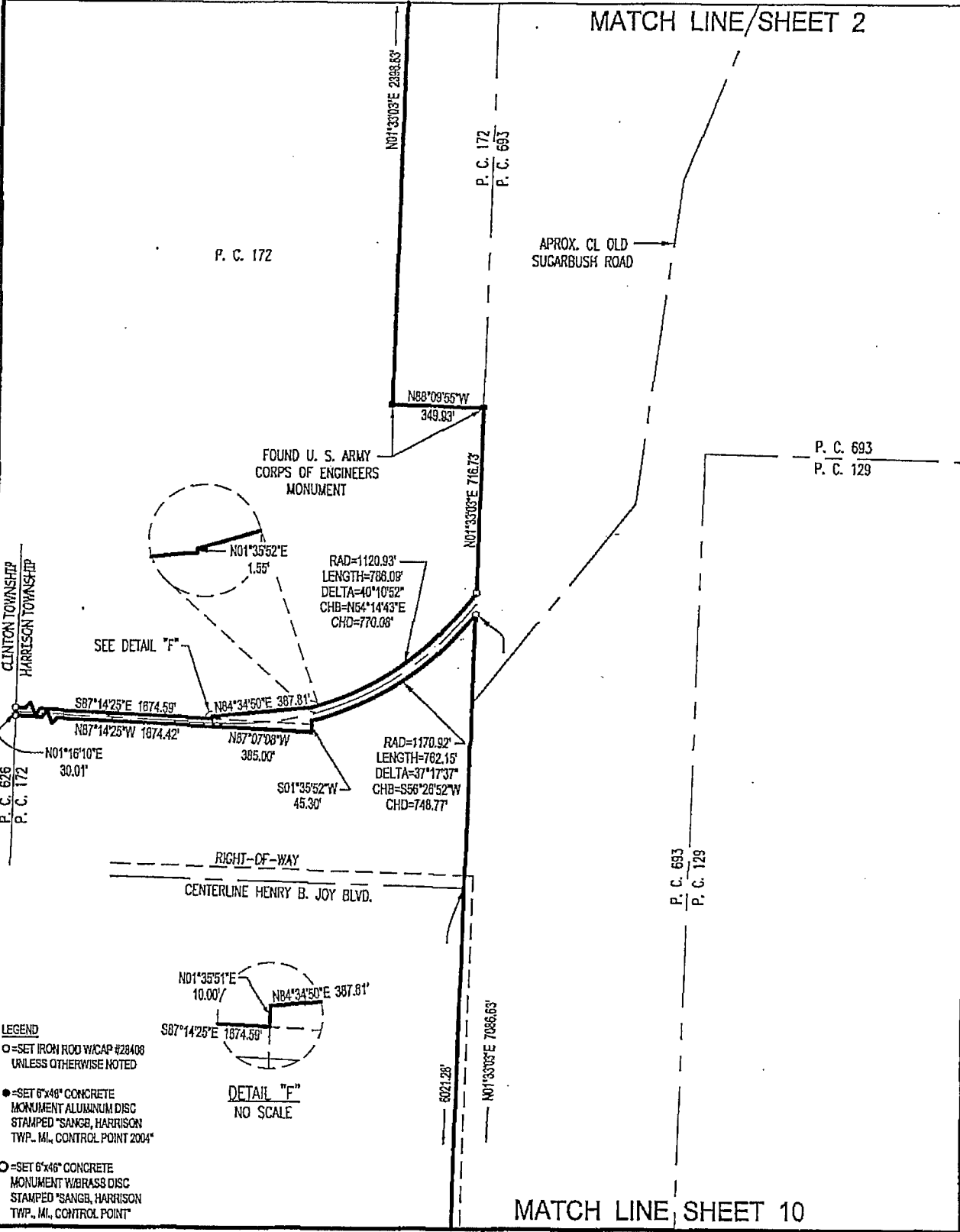
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TEL - (586) 755-5770 • FAX (586) 755-5774  
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# CERTIFICATE OF SURVEY



- LEGEND**
- = SET IRON ROD W/CAP #28408 UNLESS OTHERWISE NOTED
  - = SET 6"x4" CONCRETE MONUMENT ALUMINUM DISC STAMPED "SANGS, HARRISON TWP., MI., CONTROL POINT 2004"
  - = SET 6"x4" CONCRETE MONUMENT W/BRASS DISC STAMPED "SANGS, HARRISON TWP., MI., CONTROL POINT"

CLIENT: S. A. N. G.

ADDRESS: 28700 RAILROAD AVE. BLDG. 127

CITY, STATE & ZIP: HARRISON TOWNSHIP, MI 48045

TWP.: HARRISON P.C.: VARIOUS COUNTY: MACOMB

DATE: 01/07/08 DRAWN BY: CSD

JOB NO.: 07-125 SHEET NO.: 11 OF 13

SCALE: 1" = 500'

BOOK/PAGE: N/A

Mar 31, 2010 - 11:57am  
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LEGAL DESCRIPTION: SEE SHEETS 12 & 13 OF 13

STATE OF MICHIGAN

STEVEN E. DUNN  
PROFESSIONAL SURVEYOR  
No. 28408  
LICENSED PROFESSIONAL SURVEYOR

*Steven E. Dunn*  
STEVEN E. DUNN, PROFESSIONAL SURVEYOR #28408

9

# METCO SERVICES, INC.

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 TEL - (586) 755-5770 • FAX (586) 755-5774  
 www.metcoservices.com

# CERTIFICATE OF SURVEY

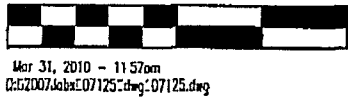
**LEGAL DESCRIPTION:** Part of Section 31 and part of Private Claim 144, Town 3 North, Range 14 East, Chesterfield Township, Macomb County, Michigan, ALSO being part of Fractional Section 6 and part of Private Claims 172, 693, 129, 144, 145, 195, 147, 146, 150, 194, 242 and 140, Town 2 North, Range 14 East, Harrison Township, Macomb County, Michigan, described as:

Beginning at the south ¼ corner of said Section 31, Town 3 North, Range 14 East:  
 Thence along the township line common with Chesterfield Township and Harrison Township N.87°10'42"E. 1687.57 feet;  
 Thence N.00°21'33"E. 1465.47 feet;  
 Thence S.89°38'27"E. 239.42 feet;  
 Thence N.02°46'09"W. 1250.27 feet;  
 Thence N.86°56'03"E. to the line common with the east line of said section and the west line of said Private Claim 144 797.07 feet;  
 Thence along said line S.01°25'39"W. 283.13 feet;  
 Thence S.88°39'21"E. 314.71 feet;  
 Thence S.88°43'24"E. 276.05 feet;  
 Thence S.27°50'39"W. 351.32 feet;  
 Thence S.89°23'46"E. to the line common with the east line of said Private Claim 144 and the west line of Private Claim 145 773.68 feet;  
 Thence along said line S.01°33'12"W. to said township line 2029.87 feet (also being the southeast corner of "Supervisor's Plat No. 8", as recorded in Liber 18 of Plats on Page 19, Macomb County Records),  
 Thence along said line N.86°58'18"E. 2641.44 feet to the easterly line of Jefferson Avenue (120' wide)  
 Thence along said line S.11°47'32"W. 385.93 feet;  
 Thence N.88°42'32"E. 714.00 feet;  
 Thence S.07°12'32"W. 247.46 feet;  
 Thence N.84°20'52"E. to a point on the meander line along the bank of Lake St. Clair 373.08 feet;  
 Thence along said meander line the following courses:  
 S.18°20'04"W. 492.53 feet and S.05°18'43"W. 734.00 feet and S.12°12'07"W. 746.91 feet and S.14°35'52"W. 376.86 feet and S.63°29'58"E. 369.52 feet and S.00°28'32"E. 667.39 feet and S.11°17'00"E. 1328.04 feet and S.05°36'39"E. 248.15 feet and S.17°09'31"W. 261.86 feet and S.22°05'41"E. 591.08 feet and S.37°16'48"E. 409.48 feet and S.70°49'27"E. 253.24 feet and S.44°13'50"E. 267.16 feet and S.53°34'37"E. 1079.90 feet and S.68°43'04"E. 402.04 feet and S.66°21'14"E. 299.91 feet and S.86°30'49"E. 430.54 feet and S.62°49'03"E. 713.06 feet and S.81°40'53"E. to the easterly line of Private Claim 242 (also being the westerly line of Private Claim 140) 399.19 feet;  
 Thence along said line S.00°28'27"W. 2263.79 feet;  
 Thence S.89°11'28"E. 79.41 feet;  
 Thence S.00°28'27"W. to the centerline of North River Road (66' wide) 1818.84 feet;  
 Thence along said centerline N.73°50'50"W. 82.48 feet and N.81°42'32"W. 881.13 feet and N.81°44'59"W. 278.12 feet and N.81°05'31"W. 212.68 feet to a point of curve, concave to the north, having a length of 319.80 feet, a radius of 916.48 feet, delta of 19°59'36" and whose chord bears N.71°05'43"W. 318.18 feet and N.61°05'55"W. 108.41 feet to a point of curve, concave to the south, having a length of 1188.43 feet, a radius of 883.21 feet, delta of 77°05'46" and whose chord bears S.80°21'12"W. 1100.78 feet and S.41°48'19"W. 470.08 feet to a point of curve concave to the north, having a length of 1463.06 feet, a radius of 1049.19 feet, delta of 79°53'49" and whose chord bears S.81°45'13"W. 1347.37 feet and N.60°01'22"W. 448.07 feet to a point of curve, concave to the south, having a length of 589.40 feet, a radius of 1008.48 feet, delta of 33°29'09" and whose chord bears N.75°11'27"W. 581.04 feet to the west line of the original Military Reserve;  
 Thence S.00°19'16"W. along said west line of the original Military Reserve to the centerline of Old North River Road 495.52 feet;  
 Thence continuing along the said west line of the original Military Reserve S.00°19'16"W. to the top of the north bank of the Clinton River 41.21 feet;  
 Thence along the said top of the north bank of the Clinton River N.77°06'41"W. to a steel seawall 431.38 feet;  
 Thence along said steel seawall the following courses; S.12°13'45"W. 23.73 feet; and N78°07'29"W 101.76 feet; and N11°18'48"E 28.15 feet to top of the north bank of the Clinton River;  
 Thence N.77°06'41"W. along said north bank of Clinton River 266.81 feet;  
 Thence Due North 105.02 feet to the centerline of Clinton River Road;  
 Thence along said centerline, on a curve concave to the north, having a length of 557.80 feet, a radius of 986.59 feet, delta of 38°23'39", and whose chord bears N.85°19'39"W. 550.40 feet and N.69°08'04"W. 201.17 feet to a curve concave to the south, having a length of 1125.94 feet, a radius of 897.17 feet, delta of 71°54'20", and whose chord bears S.74°56'16"W. 1053.49 feet and S.39°00'38"W. 296.27 feet to a curve concave to the northwest, having a length of 473.09 feet, a radius of 1138.78 feet, delta of 23°48'11", and whose chord bears S.50°54'42"W. 469.70 feet;  
 Thence S.11°52'08"W. 225.14 feet;  
 Thence S.27°05'22"W. 214.15 feet;  
 Thence S.07°57'22"W. 222.00 feet;  
 Thence S.10°37'38"E. 236.42 feet;  
 Thence N.89°38'43"W. 90.86 feet;  
 Thence S.71°38'22"W. 567.29 feet;  
 Thence N.01°55'03"E. 203.09 feet;  
 Thence N.89°38'59"W. 424.89 feet;

(CONTINUED ON PAGE 13 OF 13)

REV: 03-22-10 - CSD

CLIENT: S. A. N. G.  
 ADDRESS: 28700 RAILROAD AVE, BLDG. 127  
 CITY, STATE & ZIP: HARRISON TOWNSHIP, MI 48045  
 TWP.: HARRISON P.C.: VARIOUS COUNTY: MACOMB  
 DATE: 01/07/08 DRAWN BY: CSD  
 JOB NO.: 07-125 SHEET NO.: 12 OF 13  
 SCALE: N/A  
 BOOK/PAGE: N/A



*Steven E. Dunn*  
 STEVEN E. DUNN, PROFESSIONAL SURVEYOR #28408

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**METCO**  
SERVICES, INC.

12504 STEPHENS, WARREN, MI. 48089  
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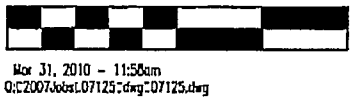
# CERTIFICATE OF SURVEY

Thence N.00°28'52"E. to the centerline of said North River Road 536.52 feet;  
Thence along said centerline S.77°26'28"W. 1069.98 feet and S.76°09'02"W. 964.75 feet to a curve concave to the south, having a length of 346.87 feet, a radius of 5080.79 feet, delta of 03°54'42", and whose chord bears S.76°11'27"W. 346.81 feet and S.74°14'20"W. to the intersection with the west line of Private Claim 693 (also being the east line of Private Claim 172) and the centerline of Irwin Road (variable width) 714.16 feet;  
Thence along said line N.01°33'03"E. 7086.63 feet to a non-tangent curve concave to the northwest, having a length of 762.15 feet, a radius of 1170.92 feet, delta of 37°17'37" and whose chord bears S.56°26'52"W. 748.77 feet;  
Thence S.01°35'52"W. 45.30 feet;  
Thence N.87°07'08"W. 385.00 feet;  
Thence N.87°14'25"W. to the west line of Harrison Township, (also being the east line of Clinton Township, T.2N., R.13E.) 1674.42 feet;  
Thence N.01°16'10"E. along said line 30.01 feet;  
Thence S.87°14'25"E. 1674.59 feet;  
Thence N.01°35'51"E. 10.00 feet;  
Thence N.84°34'50"E. 387.81 feet;  
Thence N.01°35'52"E. 1.55 feet to a point of non-tangent curve, concave to the northwest, having a length of 766.09 feet, a radius of 1120.93 feet, delta of 40°10'52" and whose chord bears N.54°14'43"E. 770.08 feet to the line common with Private Claim 172 and Private Claim 693;  
Thence along said line N.01°33'03"E. 716.73 feet;  
Thence N.88°09'55"W. 349.93 feet;  
Thence N.01°33'03"E. to the north line of said Private Claim 172 (also being the south line of said Fractional Section 6) 2398.83 feet;  
Thence along said line S.88°20'40"E. 127.87 feet;  
Thence N.01°14'57"E. 490.72 feet;  
Thence S.88°09'30"E. to the line common with said Fractional Section 6 and said Private Claim 693 222.07 feet;  
Thence along said line and its extension N.00°53'46"E. to the said township line common with Harrison Township and Chesterfield Township 2794.53 feet;  
Thence along said line N.88°52'49"E. 1049.98 feet to the point of beginning.

Containing 3,070.376 acres of land (gross), more or less.  
Containing 3,020.969 acres of land (net-less right-of-way), more or less.  
Subject to any and all easements and/or rights-of-way of record or otherwise.

*Return to:*

CLIENT: S. A. N. G.  
ADDRESS: 26768 RAILROAD AVE. BLDG. 124 58890 Selfridge Ave Bldg 124  
CITY, STATE & ZIP: HARRISON TOWNSHIP, MI 48045  
TWP.: HARRISON P.C.: VARIOUS COUNTY: MACOMB  
DATE: 01/07/08 DRAWN BY: CSD  
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