

# ANDERSON, ECKSTEIN AND WESTRICK, INC.

51301 Schoenherr Road, Shelby Township, Michigan 48315  
Civil Engineers • Surveyors • Architects 586-726-1234

## 2011 Remonumentation

Corner: PCC-026: Intersection of Section Line Common to Section 14 and 15 and the Southerly  
Line of PC 625

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

For corners in

LCRC is being recorded to correct "PC-026" to "PCC-026" in Section C. LCRC previously recorded on 12/15/2011 in Liber 21034, Pages 785-786.

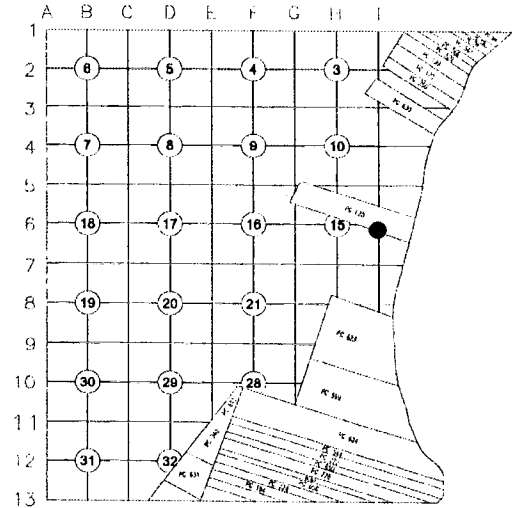
<u>Macomb</u> (County)	Located In: City of St. Clair Shores	Corner Code # PCC- 026
1. Public Land Survey	T <u>1N</u> R <u>13E</u>	
	T _____ R _____	
	T _____ R _____	
	T _____ R _____	
2. Property Controlling In Section	S _____ T _____ R _____	
	s _____ T _____ R _____	
3. Miscellaneous Property in Sec.	S _____ T _____ R _____	
	S _____ T _____ R _____	

1241340  
 LIBER 21051 PAGE 850  
 12/29/2011 08:29:44 A.M.  
 MACOMB COUNTY, MI SEAL  
 CARMELLA SABAUGH, REGISTER OF DEEDS

Register of Deeds Stamp & File Number

4. Lot No. \_\_\_\_\_, Recorded Plat  
 5. Private Claims Intersection of the Line Between Fractional Section 14 and 15 with the Southerly Line of Private Claim 625

I, Craig P. Amey, in a field survey on July 30, 2011 do hereby state that under requirements of P.A. 74, Michigan P.A. of 1970, the corner points mentioned in lines 1 and 2 above were in conformance with regulations and rules therefore as required in the current manual of survey instructions of the United States Department of the Interior, Bureau of Land Management or by a decree of a Court of Law and /or that the corner points mentioned in lines 3, 4 and 5 above were in conformance with the rules of the Michigan Board of Land Surveyors or by a Decree of a Court of Law; established, re-established, monumented, recovered, found as expressed below:



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

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

Item	Date	L	P	Document	Name	#	Cor. Desc.
1	1810	--	--	Private Claim Description	Greeley	----	Post
2	1810	--	--	Private Claim Notes	Greeley	----	Post
3	1817	--	--	Township Plat	Preston	----	Not Indicated
4	1920	2	104	Bay View Subdivsion	Jerome	2	Not Indicated

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

PCC-026 is the intersection of the line between Fractional Section 14 and 15 with the southerly line of Private Claim 625 (PC 625).

In Aaron Greeley's description of Private Claim 625, dated January 4<sup>th</sup>, 1810, there is no reference to a section line. Since the township would not be subdivided until 1818, Greeley's description could not contain a reference to the section line.

A research of the public records and a request sent to all area surveyors provided no recorded surveys that reference this corner. We did find one plat Bay View Subdivision, as recorded in Liber 2 of Plats, Page 104, Macomb County Records that defines the southerly line of PC 625. (Continued on back)

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

Set a 4" x 36" concrete monument with embedded aluminum cap, stamped "MACOMB COUNTY MONUMENT MI ACT 345", "PCC-026", "34970" in a 4' chain link fence running northwest and southeast in the rear of house #22505 Gordon Street.

- Az 65° 28.15' Set CST nail w/tag #34970 in east face of 6" pine
- Az 115° 29.46' 2" fence post at the intersection of a 4' chain link fence of rear property line #22505 Gordon and a 4' chain link fence on the easterly property line to house #22500 Martin Rd.
- Az 195° 130.00' Northeast corner of block foundation of house #22505 Gordon.
- Az 250° 28.83' Set CST nail w/tag #34970 in west face of multi 6" Mulberry
- Az 290° 28.67' 2" fence post at the intersection of a 4' chain link fence of rear Property #22505 Gordon and the 4' chain link fence on the westerly property line #22500 Martin Rd.



THE SELECTED LOCATION IS ACCEPTED BY ME AND IS GENERALLY ACCEPTED BY PROFESSIONAL SURVEYORS AS THE BEST AVAILABLE EVIDENCE OF THE POSITION OF THIS CORNER.

Signed by Craig P. Amey Date Dec 28, 2011

Surveyor's Michigan License No. 34970

ACCEPTED BY THE MACOMB COUNTY SURVEY PEER GROUP AS THE OFFICIAL CORNER UNDER MICHIGAN PUBLIC ACT 345 OF 1990 AT A MEETING HELD ON 11-2-2011

William C. P. ...

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

For corners in

Macomb  
(County)

Located In: City of St. Clair Shores

Corner Code #  
PCC-026

Liber 21051 Page 851

- |                                    |   |       |   |       |       |
|------------------------------------|---|-------|---|-------|-------|
| 1. Public Land Survey              | T | 1N    | R | 13E   | _____ |
|                                    | T | _____ | R | _____ | _____ |
|                                    | T | _____ | R | _____ | _____ |
|                                    | T | _____ | R | _____ | _____ |
| 2. Property Controlling In Section | S | _____ | T | _____ | _____ |
|                                    | s | _____ | T | _____ | _____ |
| 3. Miscellaneous Property in Sec.  | S | _____ | T | _____ | _____ |
|                                    | S | _____ | T | _____ | _____ |

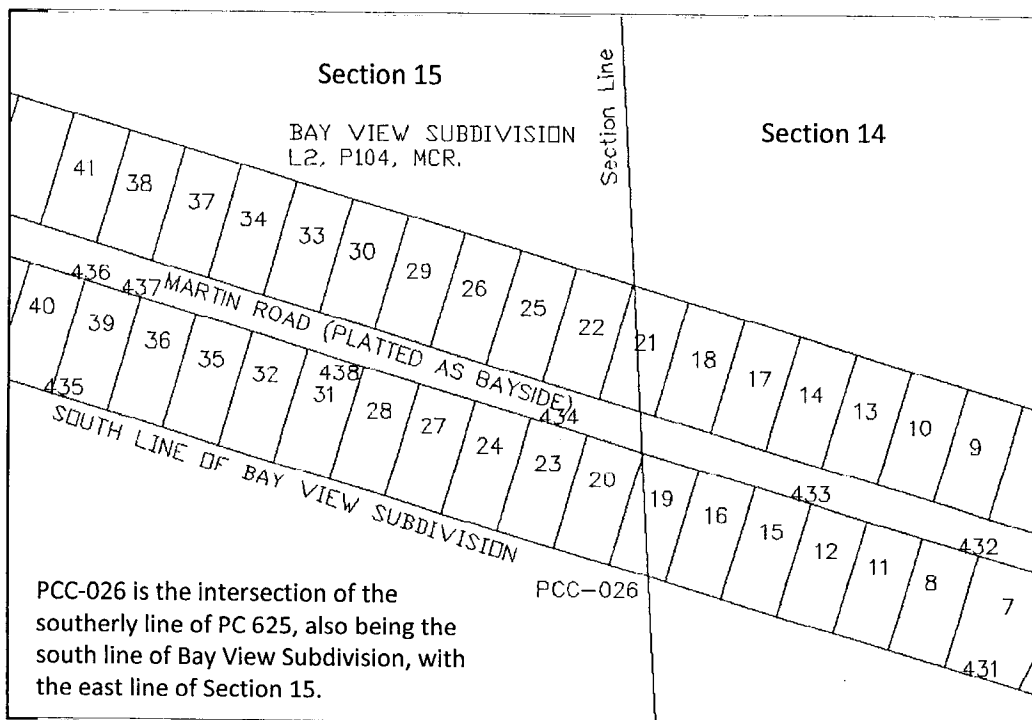
4. Lot No. \_\_\_\_\_, Recorded Plat

5. Private Claims Intersection of the Line Between Fractional Section 14 and 15 with the Southerly Line of Private Claim 625

Section B continued:

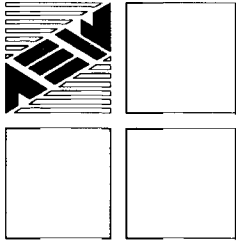
To reestablish the position of PCC-026, we located monumentation in the subdivision. We were able to find enough monumentation to determine the south line of the subdivision, which is also the south line of PC 625. By intersecting the south line of PC 625 with the section line, we reestablished the position of PCC-026. (Please see attached sketch and table attached to this report.)

To confirm our position, we compared our dimension from PCC-026 to the southeast corner of section 15. Our measured distance is 1812.36 feet. Preston's survey notes indicate a distance of 27.40 chains, or 1808.40 feet. As described in my "Analysis of Original Surveyor Errors of Private Claim 625 and Section 15, Town 1 North, Range 13 East", which is submitted along with this report, a taping index must be applied to Preston's distance. Preston's adjusted distance is 1843.81 feet, which is a difference of 31.45 feet.



Pt	Desc	Offset Dist	Offset from
431	Iron #19387 at fence corner	0.09 S	Property line
432	Iron	0.00	ROW
433	Iron #17641	0.07 N	ROW
434	T iron	0.67 N	ROW
435	1/2" Pipe in 1" pipe	0.51 N	Property line
436	Iron with unreadable cap	0.00	ROW
437	Iron	0.03 S	ROW
438	Pipe	0.11 N	ROW

Distance Comparisons	GLO	Adjusted	AEW	Diff
Nly line of PC 625 (PCC-025) to sly line of PC 625 along section line (PCC-026)	22.92 (1512.72)	1542.34	1607.51	65.17
Sly line of PC 625 (PCC-026) to SE corner of sec. 15	27.40 (1808.40')	1843.81	1812.36	31.45



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### 2011 Remonumentation

Corner: PCC-026: Intersection of the Line Between Fractional Section 14 and 15 with the Southerly Line of Private Claim 625

### Surveyor's Report

PCC-026 is the intersection of the line between Fractional Section 14 and 15 with the southerly line of Private Claim 625 (PC 625). We have been contracted by Macomb County to locate and, if necessary, remonument this position.

In Aaron Greeley's description of Private Claim 625, dated January 4<sup>th</sup>, 1810, there is no reference to a section line. Since the township would not be subdivided until 1818, Greeley's description could not contain a reference to the section line.

A research of the public records and a request sent to all area surveyors provided no recorded surveys that reference this corner. We did find one plat Bay View Subdivision, as recorded in Liber 2 of Plats, Page 104, Macomb County Records that defines the southerly line of PC 625.

To reestablish the position of PCC-026, we located monumentation in the subdivision. We were able to find enough monumentation to determine the south line of the subdivision, which is also the south line of PC 625. By intersecting the south line of PC 625 with the section line, we reestablished the position of PCC-026. (Please see attached sketch and table attached to this report.)

To confirm our position, we compared our dimension from PCC-026 to the southeast corner of section 15. Our measured distance is 1812.36 feet. Preston's survey notes indicate a distance of 27.40 chains, or 1808.40 feet. As described in my "Analysis of Original Surveyor Errors of Private Claim 625 and Section 15, Town 1 North, Range 13 East", which is submitted along with this report, a taping index must be applied to Preston's distance. Preston's adjusted distance is 1843.81 feet, which is a difference of 31.45 feet.

Distance Comparisons	GLO	Adjusted	AEW	Diff
Nly line of PC 625 (PCC-025) to sly line of PC 625 along section line (PCC-026)	22.92 (1512.72)	1542.34	1607.51	65.17
Sly line of PC 625 (PCC-026) to SE corner of sec. 15	27.40 (1808.40')	1843.81	1812.36	31.45

I believe that the method described above has determined the best location of the Intersection of the Line Between Fractional Section 14 and 15 with the Southerly Line of Private Claim 625 (PCC-026).

Respectfully Submitted,

Craig P. Amey, PS

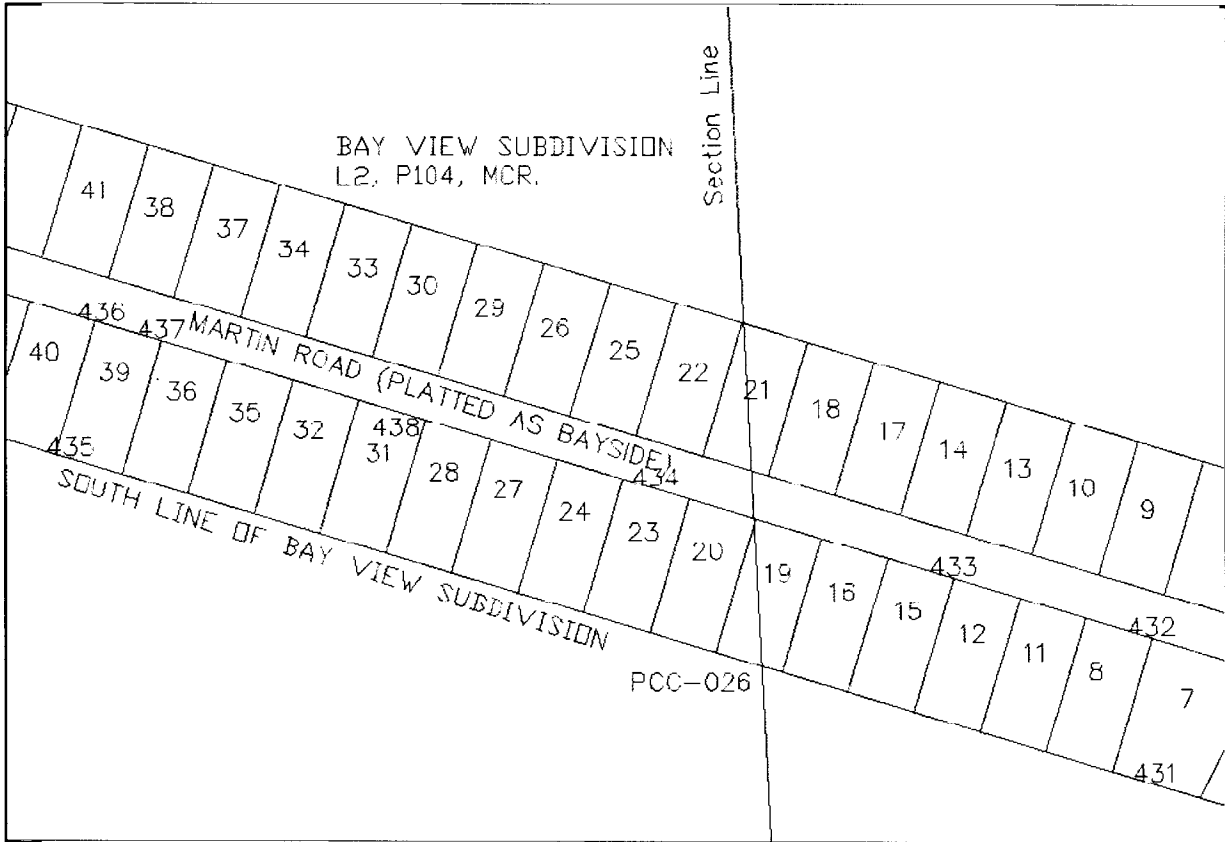
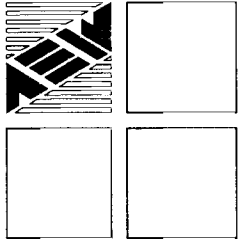


Figure 1: Bay View Subdivision

Pt	Desc	Offset Dist	Offset from
431	Iron #19387 at fence corner	0.09 S	Property line
432	Iron	0.00	ROW
433	Iron #17641	0.07 N	ROW
434	T iron	0.67 N	ROW
435	½" Pipe in 1" pipe	0.51 N	Property line
436	Iron with unreadable cap	0.00	ROW
437	Iron	0.03 S	ROW
438	Pipe	0.11 N	ROW



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2011 Macomb County Remonumentation  
Analysis of Original Survey Errors  
of  
Private Claim 625 and Section 15  
Town 1 North, Range 13 East, Macomb County, Michigan.

Anderson, Eckstein and Westrick, Inc, was contracted by Macomb County to perform remonumentation surveys of Private Claim 625 (PC 625). Corners were to be reestablished at the northwest corner of PC 625, the southwest corner of PC 625, the intersection of the east line of Section 15 with the northerly and southerly lines of PC 625, and the intersection of the northerly and southerly lines of PC 625 with Lake St. Clair.

Prior to conducting our survey, we conducted the necessary research to obtain copies of any prior surveys in the area to assist us with our survey. No prior surveys were found.

Then we obtained a copy of a description of PC 625 by Aaron Greeley, Surveyor of Private Claims, dated January 4<sup>th</sup>, 1810. The PC is described as follows:

*Commencing at a post standing on the border of Lake St. Clair  
Thence north 75 degrees west 119.64 chains to a post  
Thence north 15 degrees east 23 chains to a post  
Thence south 75 degrees east 116 chains to a post standing on the border of Lake  
St. Clair  
Thence along the border of said lake south 6 degrees west 23.28 chains to the  
place of beginning.  
Containing 278.98 acres.*

In 1818, William Preston, Deputy Surveyor, performed the original survey of T1N, R13E. Due to Lake St. Clair's position, the township is a fractional township, and therefore the sequential order of the subdivision of the township was not according to the 1815 Instructions issued by Edward Tiffin. Instead of beginning at the southeast corner of the township and then progressing west and north, Preston began at the northeast corner and then proceeded to the south and the east.

When Preston reached section 15, he first surveyed the west line of section 15, starting at the northwest corner of section 15. As he surveyed the west line of section 15, no calls were made as he crossed PC 625. However there are notes immediately following the survey of the west line of section 15 calling out the locations of the intersection of PC 625 with the westerly line of section 15.

The northerly line of section 15 was surveyed beginning at the northeast corner of section 15, running a random line to the previously set northwest corner of section 15, and then correcting back. Similar to the westerly line of section 15, no calls were made as Preston crossed PC 625.

Preston then surveyed the east line of section 15, and along this line, Preston did call out the intersections of the northerly and southerly lines of PC 625 as they intersected the easterly line of section 15.

It is my belief that at this time, Preston realized his error of not calling out the intersection of PC 625 as it intersected the other lines of section 15. There is a note added immediately following the running of the west line of section 15 that states:

*"This claim was not observed in Running the sectional when the first notes were made"*



It is my opinion that Preston resurveyed a portion of the west line of section 15 to correct his error and call out the intersection of PC 625 with the west line of section 15.

Preston not only erred in the running of the westerly line of PC 625, but it is apparent that he made the similar error on the north line of section 15. PC 625 not only intersects the westerly line of section 15, but according to Preston's own notes, PC 625 must intersect the northerly line of section 15.

While resurveying the westerly line of section 15, Preston intersected the westerly line of PC 625 at a distance of 4.24 chains. At this point, Preston states:

*"Int private claim No 625 confirmed to Pirse Duchensia 506 South of the N.W. Cor thereof [sic]"*

The dimension "506" is unclear in the notes. It appears to be "5.06" on the face of the township plat (Figure 1). It is my assumption, based on my experience working with GLO plats, that this distance must be 5.06 chains. That would be the same unit of measurement used immediately following this entry when Preston notes:

*"Left the claim 5.96 fom [sic] the S.W. Cor."*

I also confirmed this dimension by

using Preston's dimensions to establish a position for southwest corner of PC 625. There is no other measurement or units using "506", other than 5.06 chains, that mathematically establishes the southwest corner of PC 625 in a position that is an agreement with the township plat and subsequent monumentation.

By establishing the southwest corner of PC 625, and extending the westerly line of PC 625 from the southwest corner of PC 625 northeasterly through the point of intersection of the westerly line of PC 625 with the section line for a distance of 23 chains, as reported by Greeley, or 23.61 chains as shown on the plat, the position for the northwest corner of PC 625 is at least 2.35 chains north of the northerly line of section 15.

This position, located northerly of the section line, is also confirmed by the 1920 plat of Mack

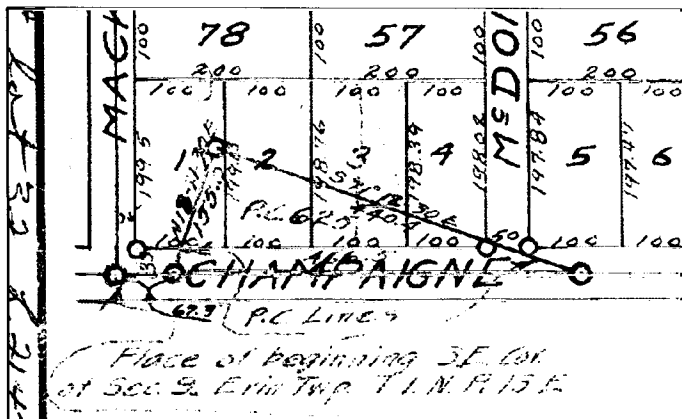


Figure 2: Mack Avenue Farms No 1

Avenue Farms No1, as recorded in Liber 4 of Plats, Page 55, Macomb County Records. The plat title includes the reference "and part of P.C. 625". Furthermore, the plat dimensions the actual location of the northwest corner of PC 625 (Figure 2). In the figure, the corner is shown 155.00 feet northerly of the southeast corner of section 9. This distance agrees within 6 links of Greeley's distance along the westerly line of PC 625 (23 chains record, 23.055 chains measured). The township plat indicates that the distance along the west

line of PC 625 is "23.61" chains which would push the corner an additional forty feet to the northeast. Therefore, it has to be concluded that the correct position is north of the north line of section 15. Had Preston correctly reestablished the position of the northwesterly corner or PC 625, he would have been required to set additional monumentation along the north line of section 15 at the intersection of the section line with the westerly and northerly lines of PC 625 as shown in Figure 2.

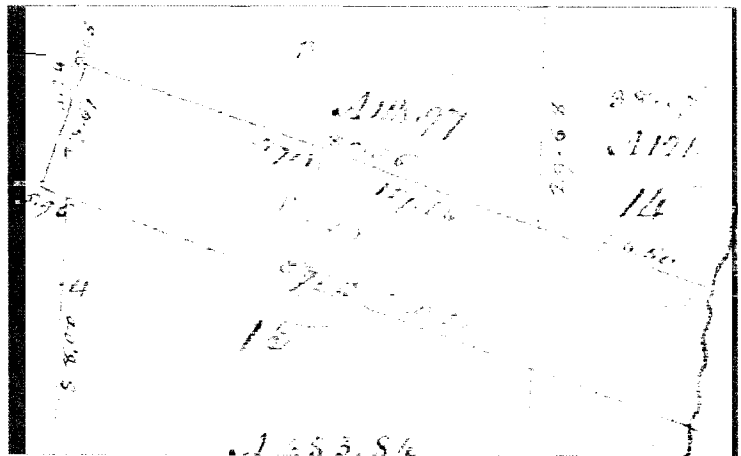


Figure 1: T1N, R13E, 1818 Township Plat



As mentioned, Figure 1 shows a distance in chains along the westerly line of PC 625 of “23.61”. Greeley’s distance, as stated, is 23 chains. Why is there such a difference? When analyzing the section line distances measured by Preston as compared to the same lines measured today, I found the following comparisons:

Line	Preston (ch)	Preston (ft)	AEW (ft)	Diff
Westerly line of section 15	80.00 ch	5280.00	5385.31	+105.31
Northerly line of section 15	80.04 ch	5282.64	5383.12	+100.48
Easterly line of section 15	80.00 ch	5280.00	5128.01	- 151.99
Southerly line of section 15	80.10 ch	5286.60	5391.17	+104.57

The easterly line of section 15 was surveyed shortly after the northerly line of section 15 and immediately prior to the southerly line of section 15. Therefore, any errors with the chain should have been apparent in the northerly and southerly lines. I must assume the discrepancy must be attributed to another source.

It is my observation that the first section line on which Preston calls for the intersection of the Private Claim boundaries, is the same line that is not in conformance with the rest of the lines. There is no evidence that can explain this inconsistency. However, it appears that the majority of Preston’s measurements related to the Private Claim are incorrect. Speculation could lead to the conclusion that Preston may have had others survey the Private Claim lines that he had overlooked when first running the section lines. Whatever the reason, it is my opinion that the Private Claim line dimensions from Preston cannot be trusted.

As indicated in the above table, the easterly line of section 15 seems to be inconsistent with the other section lines. In determining the positions of the intersection the easterly line of section 15 with the northerly and southerly line of PC 625, I did try to determine the source or location of the error.

The southerly line of PC 625 was defined by locating monuments in Bay View Subdivision, as recorded in Liber 4 of Plats, Page 55, Macomb County Records. The southerly line of Bay View Subdivision is indicated to also be the southerly line of PC 625.

The northerly line of PC 625 cannot be reestablished from existing monumentation. None of the plats or surveys in the area dimensions its location. Since the original intent of the Private Claim was to have parallel bearings, I extended the northerly line of PC 625 from the northwest corner of PC 625, as established by Mack Avenue Farms No. 1, along a bearing parallel to the southerly line of PC 625 to the easterly line of section 15.

The resulting distances along the easterly line of section 15 to the northerly and easterly lines of PC 625 are as follows:

Distance along the east line of sec. 15	GLO	Adjusted	AEW	Diff
NE corner of sec 15 to nly line of PC 625	29.68 (1958.88')	1997.24	1699.87	-297.37
Nly line of PC 625 to sly line of PC 625	22.92 (1512.72')	1542.34	1615.78	73.44
Sly line of PC 625 to se corner of sec. 15	27.40 (1808.40')	1843.81	1812.36	-31.45

By comparing the distances, it is apparent that there may have been some chaining error between the northeast corner of section 15 and the northerly line of PC 625. Coincidentally, 297 feet is exactly 9 half chains.

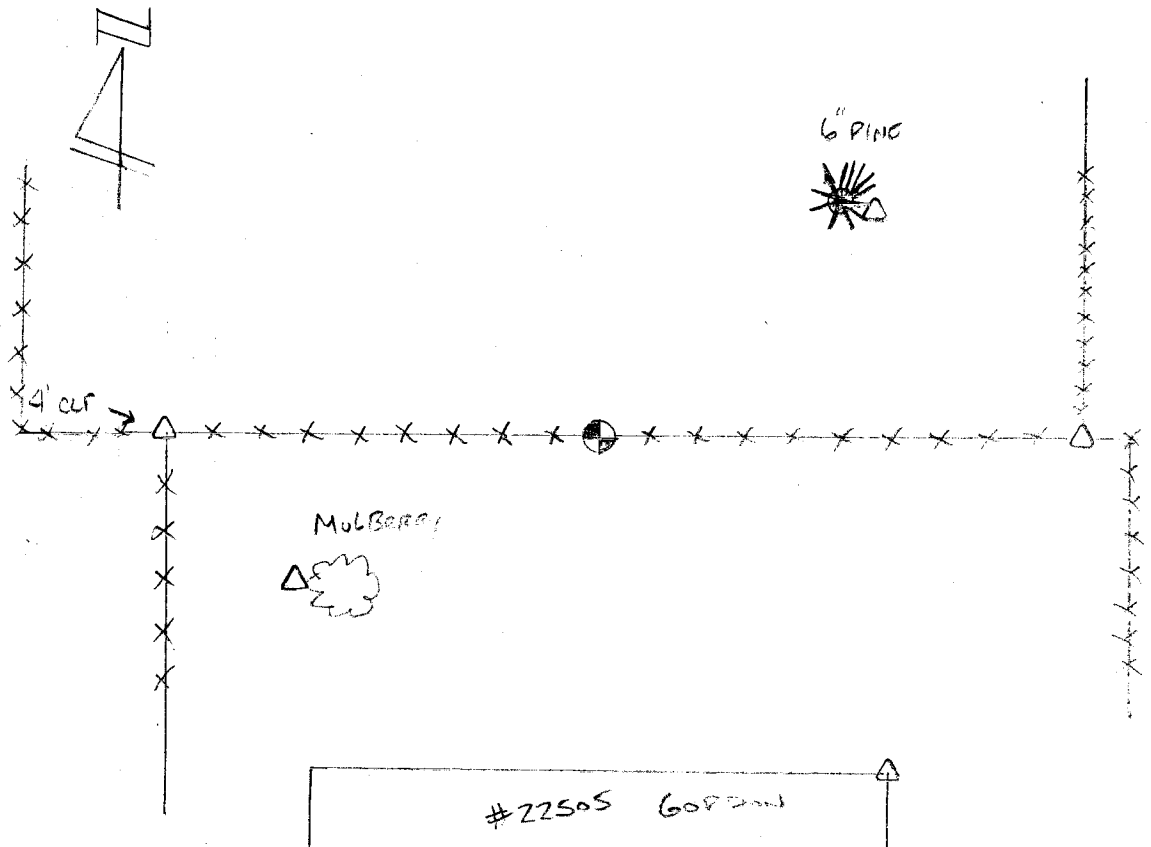
After a thorough consideration of the available information, I believe I can safely conclude that the dimensions of PC 625 as described by Aaron Greeley are correct. I also believe that the conclusions support the reestablished positions of the corners and lines of PC 625.

Respectfully Submitted,

Craig P. Amey, PS



3005 19



PC-026

SET 1/2" PER W/CPA CAP @ REAR PL H/SO  
22505 GORDON ST.

AZ	H. DIST	DESCRIPTION
050°	28.15'	SET NAIL TO E SIDE OF 6" PINE
115°	29.46'	INTERSECTION OF REAR PL. 4' CLF TO HOUSE #22505 GORDON ST. ELY 4' CLF TO HOUSE #22500 MARTIN
195°	130.0'	NE COR. OF BLOCK FOUNDATION OF HOUSE #22505 GORDON.
295°	20.67'	INTERSECTION OF REAR PL. 4' CLF TO HOUSE 22505 GORDON ST. W/ LY PL (4' CLF) TO HOUSE #22500 MARTIN
250°	28.83'	NAIL/WASHER IN W. SIDE OF MULT. 6" MULBERRY

#22505 GORDON

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Review

- 419 DISCOUNT
- 420 THE 75% IN APR - 25%
- 421 - In March (1/1/11)
- 422 FEB MARCH 15 2010
- 423 APR 15 2010
- 424 APR 15 - AT FIVE 1/2
- 425 APR 15 2010
- 426 APR 15 2010
- 427 APR 15 2010
- 428 APR 15 2010
- 429 APR 15 2010
- 430 APR 15 2010
- 431 APR 15 2010
- 432 APR 15 2010
- 433 APR 15 2010
- 434 APR 15 2010
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- 441 APR 15 2010
- 442 APR 15 2010
- 443 APR 15 2010

3005 13

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4th Dec 1954

415 TND 24 ON IN 1000





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DIA MAT

2011 4-10-11

PTA

DESCRIPTION

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104

\* VORTRAG NR. 11. 19. 19. 19. 19. 19.

105 148 UNICE BEMERTE

\* VORTRAG NR. 11. 19. 19. 19. 19. 19. ✓





122230035721

Casey Hill  
N 37° 55' 10" E  
E 18° 45' 10" S

122230035721  
N 37° 55' 10" E 574.1241  
E 18° 45' 10" S 82.8724

FD DEMON  
S 55° 12' 00" E 1200.0000

S 55° 12' 00" E 1200.0000  
N 66° 00' 00" E 1200.0000

705° 50' 00" S 7409

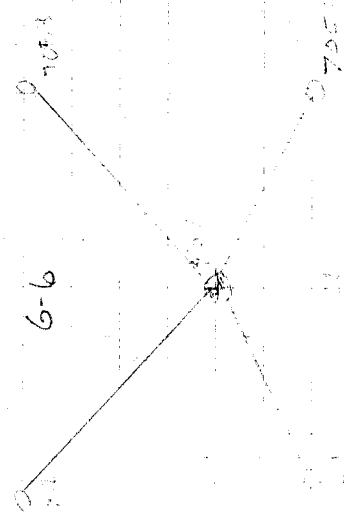
705° 50' 00" S 7409

705° 50' 00" S 7409

705° 50' 00" S 7409

705° 50' 00" S 7409

705° 50' 00" S 7409

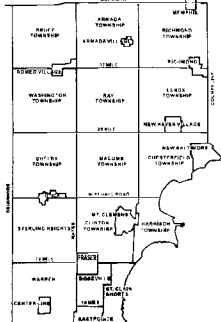


705° 50' 00" S 7409



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

1:1,200



**SOUTH EAST SHEET INDEX**

AREA NUMBER	BLOCK NUMBER	PARCEL NUMBER
14-150	14-150A	14-150B
14-151	14-151A	14-151B
14-152	14-152A	14-152B
14-153	14-153A	14-153B
14-154	14-154A	14-154B
14-155	14-155A	14-155B
14-156	14-156A	14-156B
14-157	14-157A	14-157B
14-158	14-158A	14-158B
14-159	14-159A	14-159B
14-160	14-160A	14-160B
14-161	14-161A	14-161B
14-162	14-162A	14-162B
14-163	14-163A	14-163B
14-164	14-164A	14-164B
14-165	14-165A	14-165B
14-166	14-166A	14-166B
14-167	14-167A	14-167B
14-168	14-168A	14-168B
14-169	14-169A	14-169B
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14-173	14-173A	14-173B
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14-177	14-177A	14-177B
14-178	14-178A	14-178B
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14-189	14-189A	14-189B
14-190	14-190A	14-190B
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14-192	14-192A	14-192B
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14-201	14-201A	14-201B
14-202	14-202A	14-202B
14-203	14-203A	14-203B
14-204	14-204A	14-204B
14-205	14-205A	14-205B
14-206	14-206A	14-206B
14-207	14-207A	14-207B
14-208	14-208A	14-208B
14-209	14-209A	14-209B
14-210	14-210A	14-210B
14-211	14-211A	14-211B
14-212	14-212A	14-212B
14-213	14-213A	14-213B
14-214	14-214A	14-214B
14-215	14-215A	14-215B
14-216	14-216A	14-216B
14-217	14-217A	14-217B
14-218	14-218A	14-218B
14-219	14-219A	14-219B
14-220	14-220A	14-220B
14-221	14-221A	14-221B
14-222	14-222A	14-222B
14-223	14-223A	14-223B
14-224	14-224A	14-224B
14-225	14-225A	14-225B
14-226	14-226A	14-226B
14-227	14-227A	14-227B
14-228	14-228A	14-228B
14-229	14-229A	14-229B
14-230	14-230A	14-230B
14-231	14-231A	14-231B
14-232	14-232A	14-232B
14-233	14-233A	14-233B
14-234	14-234A	14-234B
14-235	14-235A	14-235B
14-236	14-236A	14-236B
14-237	14-237A	14-237B
14-238	14-238A	14-238B
14-239	14-239A	14-239B
14-240	14-240A	14-240B
14-241	14-241A	14-241B
14-242	14-242A	14-242B
14-243	14-243A	14-243B
14-244	14-244A	14-244B
14-245	14-245A	14-245B
14-246	14-246A	14-246B
14-247	14-247A	14-247B
14-248	14-248A	14-248B
14-249	14-249A	14-249B
14-250	14-250A	14-250B

**DESCRIPTION OF PERMANENT REAL ESTATE INDEX NUMBER**

**13-19-302-018**

- Legend**
- Platted Area Boundary Line
  - Property Line
  - Property Spill Line
  - Property Combined Line
  - Township Boundary Line
  - Traverse Line
  - Dimension Extant Marks
  - Dimens on Start Marks

**14-14E**

ST. CLAIR SHORES  
 W.1/2 S.W.1/4 SEC.14 T.1N. R.13E.

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)469-5285



**MACOMB COUNTY**  
 Planning and Economic  
 Development Department

Published: Nov 15, 2006



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

**SOUTH EAST SHEET INDEX**

14-150	14-151	14-152	14-153	14-154	14-155	14-156	14-157	14-158	14-159	14-160	14-161	14-162	14-163	14-164	14-165	14-166	14-167	14-168	14-169	14-170
14-150-01	14-150-02	14-150-03	14-150-04	14-150-05	14-150-06	14-150-07	14-150-08	14-150-09	14-150-10	14-150-11	14-150-12	14-150-13	14-150-14	14-150-15	14-150-16	14-150-17	14-150-18	14-150-19	14-150-20	14-150-21
14-151-01	14-151-02	14-151-03	14-151-04	14-151-05	14-151-06	14-151-07	14-151-08	14-151-09	14-151-10	14-151-11	14-151-12	14-151-13	14-151-14	14-151-15	14-151-16	14-151-17	14-151-18	14-151-19	14-151-20	14-151-21
14-152-01	14-152-02	14-152-03	14-152-04	14-152-05	14-152-06	14-152-07	14-152-08	14-152-09	14-152-10	14-152-11	14-152-12	14-152-13	14-152-14	14-152-15	14-152-16	14-152-17	14-152-18	14-152-19	14-152-20	14-152-21
14-153-01	14-153-02	14-153-03	14-153-04	14-153-05	14-153-06	14-153-07	14-153-08	14-153-09	14-153-10	14-153-11	14-153-12	14-153-13	14-153-14	14-153-15	14-153-16	14-153-17	14-153-18	14-153-19	14-153-20	14-153-21
14-154-01	14-154-02	14-154-03	14-154-04	14-154-05	14-154-06	14-154-07	14-154-08	14-154-09	14-154-10	14-154-11	14-154-12	14-154-13	14-154-14	14-154-15	14-154-16	14-154-17	14-154-18	14-154-19	14-154-20	14-154-21
14-155-01	14-155-02	14-155-03	14-155-04	14-155-05	14-155-06	14-155-07	14-155-08	14-155-09	14-155-10	14-155-11	14-155-12	14-155-13	14-155-14	14-155-15	14-155-16	14-155-17	14-155-18	14-155-19	14-155-20	14-155-21
14-156-01	14-156-02	14-156-03	14-156-04	14-156-05	14-156-06	14-156-07	14-156-08	14-156-09	14-156-10	14-156-11	14-156-12	14-156-13	14-156-14	14-156-15	14-156-16	14-156-17	14-156-18	14-156-19	14-156-20	14-156-21
14-157-01	14-157-02	14-157-03	14-157-04	14-157-05	14-157-06	14-157-07	14-157-08	14-157-09	14-157-10	14-157-11	14-157-12	14-157-13	14-157-14	14-157-15	14-157-16	14-157-17	14-157-18	14-157-19	14-157-20	14-157-21
14-158-01	14-158-02	14-158-03	14-158-04	14-158-05	14-158-06	14-158-07	14-158-08	14-158-09	14-158-10	14-158-11	14-158-12	14-158-13	14-158-14	14-158-15	14-158-16	14-158-17	14-158-18	14-158-19	14-158-20	14-158-21
14-159-01	14-159-02	14-159-03	14-159-04	14-159-05	14-159-06	14-159-07	14-159-08	14-159-09	14-159-10	14-159-11	14-159-12	14-159-13	14-159-14	14-159-15	14-159-16	14-159-17	14-159-18	14-159-19	14-159-20	14-159-21
14-160-01	14-160-02	14-160-03	14-160-04	14-160-05	14-160-06	14-160-07	14-160-08	14-160-09	14-160-10	14-160-11	14-160-12	14-160-13	14-160-14	14-160-15	14-160-16	14-160-17	14-160-18	14-160-19	14-160-20	14-160-21

**DESCRIPTION OF PERMANENT REAL ESTATE INDEX NUMBER**

**13-19-302-018**

AREA NUMBER  
 BLDG. NUMBER  
 BLOCK NUMBER  
 PARCEL NUMBER

**Legend**

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

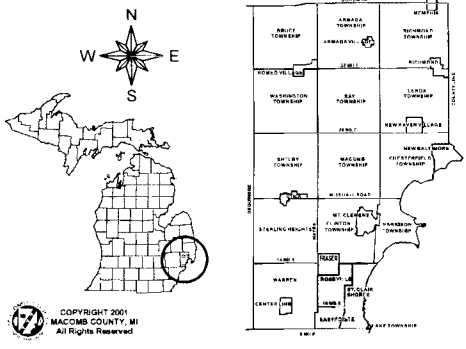
**14-15H**

**ST. CLAIR SHORES**  
 E.1/2 S.E. 1/4 SEC. 15 T.1N. R.13E.

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.

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**MACOMB COUNTY**  
 Planning and Economic  
 Development Department

Published: Nov 15, 2006

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**Re:**

From: Jack Owens <jnowenspls@gmail.com> [View Contact](#)  
 To: Craig Amey <cpa34970@att.net>

Mon, June 27, 2011 11:13:58 PM

Craig,

Yes, very interesting. The PCs were recognized by the US as prior claims to be honored. They took testimony (according to Prof. Berry) as to the persons making the claims and where they were located. Then Greeley surveyed them to define their actual locations on the ground. The surveys were to define them as being the limits of the public lands at least as much as being the parcels. Since it was after the 1796 Act, Greeley should have been surveying according to the true meridian. As Mansfield was the SG, he was very knowledgeable about Astronomy; he would have had them use the true meridian. The GLO Instructions book (Berry's book) has Mansfield's instructions to Greeley which should indicate using the true meridian. Thus, Greeley's survey is the official survey. Therefore, Preston was making retracements of the PC surveys.

Based on your sequence of survey for the lines, which match the records along the PCs of going the Twps laid out from west to east, the lines may not have been that obvious. Also possible that for the east line of Sec15 the owner came out to tell him he was on the PC. Didn't Preston give a measurement to NW cor of PC along n. line? Perhaps the chaining crew made the measurement without preston being with them and said nothing to him about crossing the n. line of Sec15? Based on your info, I'd say any subsequent evidence of the location of lines of the PC is important. I don't know how well Greeley made his measurements. If he did reasonably well, then the difference you see could mean Preston didn't retrace it very well or others subsequently did not? Call Amy Miller at Wayne Co ROD and ask her how well the PCs in Detroit have retraced against the GLO Greeley record. They have been doing them for remon in Wayne Co. and they're all Greeley's work. Preston may not have retraced the PC very carefully and used evidence that was not the survey? But this was only 10 years later so you would think he could see some evidence?

Jack

On Mon, Jun 27, 2011 at 6:45 PM, Craig Amey <cpa34970@att.net> wrote:

Jack,

Waterford was a good weekend. Butch and I were busy both days. Slow on Sunday morning as usual, but good the rest of the time.

We are thinking along the same lines. I have done some of the calculations you mentioned already. Unfortunately, I need more field information to complete the calcs.

Let me ask you a related question. The description by Aaron Greeley does not match the description shown on the twp plat. The bearings vary by about 4 degrees and the distances differ by 60 links or so. So which would be the official record of the PC? Greeley's description or Preston's plat?

I had a different perception of what may have transpired with the survey crew. The chronological sequence of notes has Preston surveying the section line between 15 and 16 without noting the private claim. He then surveyed the north line, also not observing the private claim. Then, when he was surveying the line common to 14 and 15, he notes the private claim. I wonder if at that point preston realized that he had missed the private claim lines, indicating that the private claim lines were not clearly marked. When he realized his error, he went to the line between 15 and 16 to note the intersections, but never did the same along the north line, assuming that the pc did not intersect the north line.

My preliminary calculations show two things: The private claim dimensions per preston don't appear to fit very well, and the NW corner appears to be north of the north section line according to preston's dimensions.

An interesting quandary. Cool!

Craig.

**From:** Jack Owens [mailto:jnowenspls@gmail.com]  
**Sent:** Sunday, June 26, 2011 10:05 PM  
**To:** Craig Amey, Craig Amey  
**Subject:**

Craig,  
 hope the re-enactment went well. Weather seemed good up here and down there I assume.

Please send me the email addresses for the two attendees. I have some info to send them later in the week.

In regards to your remon project, pass this on if you think it would be helpful.

I would suggest you test the GLO record against itself since the GLO plat and the tax record don't agree on the relative location of the 'NW cor' of the PC. You could draw (in CAD) both the section and the PC and see how they 'fit' per record dimensions. By this I mean draw the section with N-S lines due north and 80 chains long (convert to equivalent feet for the record distances). Draw the north line due west at the record width. Draw the south line in and adjust it to be the record width, slightly adjusting the east or west line to fit that width. On the east line make a short reference line at the two record stationings for the 'N' and 'S' lines of the PC, calling them points A and B. On the west line make a short reference line at the record stationings for the 'W' and 'S' lines of the PC, calling them points C and D. From this you can connect points B and D on the 'S' line (with a dashed line) and compute the bearing of the 'S' line of the PC. That can be compared to the bearing for it by Greeley. Both Preston and Greeley were supposedly running lines according to the true meridian. However the two bearings compare will give you some info, that may or may not be useful.

Next draw the PC according to the record bearings and distances. From the 'NW' corner draw a reference line on the 'N' line at the record 80.56(?) chains E'ly of the NW corner, calling it point A1. Make a copy of this figure; then make a block of it. Move the block, using point A1 as the insertion point, to the section figure, inserting it at point A on the east line of the section. Next rotate the block around the coincidence points A and A1 until the south line of the PC is on points B and D on the east and west section lines, or looks to be parallel with them. This will show whether the 'NW' corner falls south of the north line of the section, or north of it. This will at least give you a feel for how well the two survey records report the actual conditions.

We know Preston saw evidence for the PC lines going south on the east line of the section. He measured along the north line of the PC, so it must have been clear enough to follow, and he seems to be stating the NW cor was there and seen by him. He ran the west line and then notes he went back to get the stationings for where it crossed the W and S lines of the PC. To me this indicates he may not have been with the chaining crew on the west line of the section and had to send them back to get the measurements. He ran the north line of the section and does not report crossing the lines of the PC near the NW cor of the PC. Thus, it seems reasonable to conclude he did not cross it.

You might also try retracing the east and west section lines and putting in the N and S line crossings of the PC by proportionate position. This would let you establish the S line and at least a point on the N line by which to compare to other info about reported positions along the lines of the PC. Very interesting remon project.

Jack

<http://us.mg203.mail.yahoo.com/dc/launch?.partner=sbc&.gx=1&.rand=95vkjd9n7tqp2>

6/28/2011

No. 87

No. 625 Confirmed to  
Pierre Duchesne

LAKE ST. CLAIR

Description No. 625 Confirmed to Piere Duchane commencing at a post standing on the border of Lake St. Clair between this tract and unconceded land thence north seventy five degrees west one hundred and nineteen chains sixty four links to a post thence north fifteen degrees east twenty three chains to a post thence south seventy five degrees east one hundred and sixteen chains to a post standing on the border of Lake St. Clair between this tract and a tract of unconceded lands, thence along the border of said lake south six degrees west twenty three chains twenty eight links to the place of beginning, containing two hundred and seventy acres and ninety eight hundredths of an acre,

Detroit Jan'y 4th, 1810

Aaron Greeley Surveyor  
of private claims

N. 87.

Lake St. Clair

Description N. 625 confirmed to Ben  
Dun:ane, commencing at a post stand-  
ing on the border of Lake St. Clair between  
this tract and unceded land, thence  
north seventy five degrees west one hundred  
and nineteen chains sixty four links  
to a post thence north fifteen degrees east  
twenty three chains to a post thence south  
seventy five degrees east one hundred and  
sixteen chains, to a post standing on  
the border of Lake St. Clair between this  
tract and a tract of unceded lands,  
thence along the border of said lake  
south six degrees west twenty three chains  
twenty eight links, to the place of begin-  
ning containing two hundred and sev-  
enty acres, and ninety eight hundred  
ths of an acre.

Detroit January 4 1810

Aaron Greeley Surveyor  
of private Claims.

625

577 1/15/10 17.21 23 3.10  
 578 1/15/10 5.38 29 3.10  
 579 1/15/10 7.15 27 3.10  
 580 1/15/10 8.09 27 3.10

Government not asked on the 1/15/10  
 581 1/15/10 8.09 27 3.10  
 582 1/15/10 8.09 27 3.10  
 583 1/15/10 8.09 27 3.10  
 584 1/15/10 8.09 27 3.10  
 585 1/15/10 8.09 27 3.10

586 1/15/10 8.09 27 3.10  
 587 1/15/10 8.09 27 3.10  
 588 1/15/10 8.09 27 3.10  
 589 1/15/10 8.09 27 3.10  
 590 1/15/10 8.09 27 3.10





40.00 W. of half mile corner on  
 a W. Oak 6 in di  
 41.17 a B. Oak 16 in di  
 80.00 Set post for Section 16.15.22.21  
 from which a B. Oak 14 in di bears  
 S. 5 E 11 lin also a B. Oak 16 in di  
 bears N 30 W 25 links  
 1<sup>st</sup> half mile level and set 2<sup>d</sup> rate  
 last half mile same  
 Timber B. Oak Beech Elm Lymn  
 + Undergrowth Lymn B. Oak &c  
 \* 41.24 Set private claim No 625 - Confirmed  
 to Perry Duchemin 50.6.  
 South of the N.W. Cor. thereof  
 Made Cor. for frac sects 15 & 16 on an  
 oak 8 in diam East  
 22.01 Left the claim 5.96 from the S.W. Cor.  
 thereof Made Cor for frac. sec 15.16  
 on B. Oak 14 in diam  
 23 This claim was not observed  
 in running the section when the first  
 notes were made

West On Random between S. 16 & 21  
 40.00 Set temporary half mile post  
 80.20 Int. West boundary 15 links South  
 of corner Land level Part dry 2<sup>d</sup> rate  
 Timber B. Oak Beech Sugar Lymn  
 Undergrowth Spice &c

East Cor<sup>d</sup> between 16 & 21  
 40.10 Made 1/4 section corner on a  
 B. Oak 7 in dia at average distance  
 from line  
 80.20 To section corner

80.00 Set post for section 10, 11 - 14, 15  
from which a Beech 14 in dia bears N  
23 & 8 links also a Beech 6 in dia  
bears N 65 W 6 links dist  
first half mile good 2 $\frac{1}{2}$  rate  
last half mile same  
Timber W. Oak Beech Sugar &  
Undergrowth spice

West On Random between S. 10 + 15  
40.00 Set temp. half mile post  
80.04 Ent<sup>d</sup> West boundary at the corner  
Land level Part dry 2 $\frac{1}{2}$  rate  
Timber Beech Elm &c

East Corrected between 10 + 15  
40.02 Made 14 section corner on a Beech  
4 in dia at average distance  
80.04 To section corner

East Between sections 11 + 14  
38.37 Ent<sup>d</sup> Lake St Clair and  
Set post for fractional sections 11 + 14  
from which a Sycamore 18 in dia  
bears N 37 & 53 links also a  
Maple 12 in bears S 47 W 45  
links dist Some part dry 2 $\frac{1}{2}$  rate  
Timber Beech B. Ash Elm &c

South Between sections 14 + 15  
5.00 a B. Ash 18 in dia  
29.68 Ent<sup>d</sup> Prov<sup>t</sup> claim 80.56 from  
N.W. corner of Lot No. 6.25 and  
made corner on an Ironwood 4 in  
dia for frac sect 14 + 15 = 52.60 left

the claim and mark corner for  
frac sections 14 + 15

Beech 12 N 71 E 19

Do. 9 S 8 W 15

80.00 Set post for frac sections 14, 15, 22, 23  
from which an Elm 24 in dia bears  
N 41 E 11 links also an Elm 22  
in dia bears S 24 E 13 links dist  
Part dry 2<sup>d</sup> rate timber Beech Elm  
+ c.

East Between sections 14 + 23

3.50 Enter a Prairie

25.08 Int<sup>d</sup> Lake St Clair and set post  
for fraction sections 14 + 23  
from which a Sycamore 24 in dia  
bears S. 10 W 2.50 also a Balsm of  
Gilliad 30 in dia bears North  
1.77 links dist  
Wet and marshy 3<sup>d</sup> rate

West On Random between Sec. 15 + 22

40.00 Set temporary post

80.10 Intersected N + S line at sec. cor.

East On True line between Sec. 15 + 22

40.05 Set 1/4 sec corner Wash 10 S 4 W 7

Lym 12 N 50 W 12

Generally low wet land well timbered

B. Ash Elm Lym + c

80.10 Sec corner

South Between sections 22 + 23

40.00 Made 1/4 sec cor on B. Ash 6 in diam

45.86 Int. Private Claim No. 623 confirmed

# BAY VIEW SUBDIVISION

PART OF PC. 625 LAKE TWP.

1 NORTH RANGE 13 EAST

MACOMB COUNTY MICH

Examined and Approved

MAY 27 1912

*Geo. Jerome*  
Surveyor

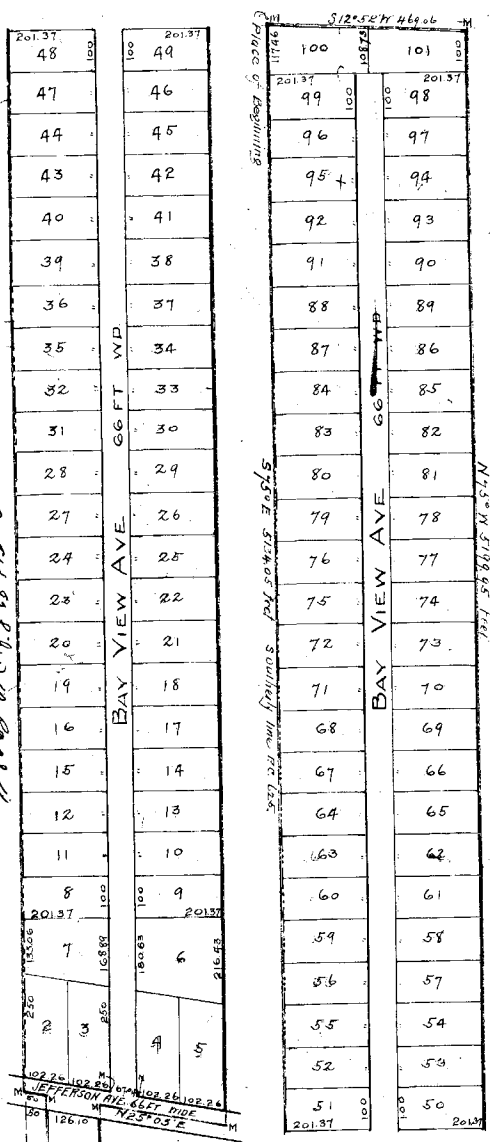
SCALE 200 FT = 1 INCH.

All dimensions given on this plot are in feet and decimals thereof



L. 9. P. 1014  
See Report of Map 69, 70-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101, Lake St. Clair, Mich. 1912, page 32

L. 9. P. 1014



The land embraced in the annexed plot is described as follows: Beginning at a point on the southerly line of Eriate Claim 625 Lake Township 1 North Range 13 East Macomb County Michigan distant 1932.10 feet from the South west corner of said Eriate Claim 625 thence S 75° E 5134.05 feet to center of Jefferson Avenue thence N 25° 05' E 60 feet along center of Jefferson Ave to a point thence S 35° E 845 feet to edge of Lake St Clair thence N 10° 55' E along the waters edge 12445 feet to a point thence N 75° W 615 feet to center of Jefferson Avenue thence N 25° 05' E 300 feet along center of Jefferson Avenue to a point thence N 75° W 5199.95 feet to a point thence S 12° 52' N 449.06 feet to place of Beginning

I hereby certify that the plot hereon delineated is a correct one and that permanent monuments consisting of iron stones one inch by eighteen inches long have been planted at points marked thus (M) as shown at all angles in the boundaries of the land plotted and at all intersections of streets or streets and alleys.

*Geo. Jerome* Surveyor

KNOW ALL MEN BY THESE PRESENTS That the Lake Shore Land Company a corporation organized and existing under the laws of the State of Michigan, has caused the land embraced in the annexed plot to be surveyed laid out and plotted to be known as Bay View Subdivision of part of PC. 625 Lake Township 1 North Range 13 East Macomb County Mich. and the streets and alleys as shown on said plot are hereby dedicated to the use of the public.

In Witness Whereof the said Lake Shore Land Company has caused its corporate seal to be affixed hereto and these presents to be subscribed by its President and Secretary and Treasurer duly authorized in execution hereof on this 6th day of May AD 1912.

SIGNED AND SEALED IN PRESENCE OF  
*Harry J. Dingle* Notary Public  
*James D. May* Secretary and Treasurer  
*Philip J. Ioranger* President

STATE OF MICHIGAN }  
 County of Wayne }  
 On this 6th day of May AD 1912 before me a Notary Public in and for said county appeared Philip J. Ioranger President and James D. May Secretary and Treasurer to me personally known who being by me duly sworn each for himself did say that they are respectively the President and Secretary and Treasurer of the Lake Shore Land Company a Michigan Corporation named in the foregoing instrument and that the seal affixed to said instrument is the corporate seal of said corporation and that the foregoing instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors and said Philip J. Ioranger and James D. May acknowledged said instrument to be the free act and deed of said corporation.

*Harry J. Dingle* Notary Public Wayne County Michigan  
 My Commission expires September 29-1914

I *Benj. Crowley Jr.* Clerk of the Township of Lake do hereby certify that the above plot was approved by the Township Board at a meeting held May 6th 1912

*Ben Crowley Jr.* Clerk  
*John Mission Spring*  
*James Breisacher J.P.*  
*Frank Melode*

County Treasurer Certificate  
 This is to certify, therefore and no tax liens or taxes held by the State or any individual against and that all taxes on lands described in the annexed instrument herein assessed on 4/17/12 have been paid in full according to the records of this office, this is stated.  
*James E. Hull*  
 County Treasurer Mich  
 May 17 1912

See Report of Map 69, 70-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101, Lake St. Clair, Mich. 1912, page 32

Geo Jerome Surveyor & Civil Eng.  
 Majestic Bldg  
 Detroit

See Report of Map 69, 70-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101, Lake St. Clair, Mich. 1912, page 32

# Wacomb County GIS

Flexviewer

