### ANDERSON, ECKSTEIN AND WESTRICK, INC.

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

### 2011 Remonumentation Corner: PC-023: Southwest Corner of PC 625

### Index

Ι.	Section	on 1

- A. Index
- B. Photographs
- II. Section 2
  - A. LCRC
  - B. Surveyor's Report
  - C. Analysis of Original Survey Errors

### III. Section 3

- A. Field Notes
  - 1. Corner Witnesses
  - 2. GPS Notes
  - 3. Sketch
- B. Composites
  - 1. 14-15A
  - 2. 14-16D
- C. Correspondence
  - 1. Email from Jack Owens RE: record discrepancy

### IV. Section 4

- A. GLO Notes and Plats
  - 1. 1810 Private Claim Description Greeley
  - 2. 1810 Private Claim Notes Greeley
  - 3. 1817 Township Plat Preston
  - 4. 1817 GLO Notes
- B. Plats
  - . 1924 Roseville Gardens Subdivision, L7, P50 Walter Lehner
  - 2. 1932 Assessors Plat No 24, L15, P6 Walter Lehner
  - 3. 1955 Assessors Plat 60, L32, P49 Fitz Bridges
  - 4. 1956 Assessors Plat 61, L38, P23 Walter Lehner
- C. Misc
  - 1. MCPEDD Tax Map

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

For corners in

	MaCOMD (County)		Locate City of St.		res		Corner Code # PC 023
1.	Public Land Survey		T T T T	_1N	R R	13E	
2.	Property Controlling In Section	S s	T		R -		
3.	Miscellaneous Property in Sec.	S S	T		R - R -		

1.2372DO LIBER 21034 PAGE 779 12/15/2011 09:05:47 A.N. MACOMB COUNTY, NI SEAL CARMELLA SABAUGH, REGISTER OF DEEDS

emographical

Register of Deeds Stamp & File Number

- 4. Lot No. \_\_\_\_\_\_, Recorded Plat
- 5. Private Claims Southwest Corner of PC 625

I, <u>Craig P. Amey</u>, in a field survey on <u>July 30</u>, 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:

A	8 0	) ±	-	C ·	
2 —	(B)	5)	-( <b>4</b> )	(3)	
3 <del>-</del>	7)—	-(8)	-(P)-	(10)	
ε <del>-</del>	18	-17)	16	715	Ŋ
8 <del>-</del>	19	20	<b>21</b> —		$\sqrt{}$
9 — 10 —	30	29	28-	1 61 1 101	4
12 -	(31)	32			

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Item	Date	L	Р	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	1924	7	50	Roseville Gardens Subdivision	Lehner	123	Not Indicated
5	1932	15	6	Assessors Plat No 24	Lehner	123	Not Indicated
6	1955	32	49	Assessors Plat No. 60	Bridges	5779	Not Indicated
7	1956	38	23	Assessors Plat No. 61	Lehner	123	Not Indicated
8	2011			MCPEDD Tax Map			*****

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

PC-023 is the southwest corner of Private Claim 625 (PC 625). On January 4<sup>th</sup>, 1810, Aaron Greeley, "Surveyor of Private Claims", filed a description of his survey of PC625. In his description, he references this corner by citing "to a post".

A research of the public records and a request sent to all area surveyors provided no recorded surveys that reference this corner. A number of recorded plats depict the southerly and westerly lines of PC 625, but only one plat depicts the southwest corner of PC 625. Assessors Plat No. 24, as recorded in Liber 15 of plats, Page 6, Macomb County Records (Figure 1), shows the intersection of the "West Line of PC 625" and the "S. Line of PC 625". Additionally, precise dimensions are shown from corners within the plat to the southwest corner of PC625. In my opinion, this is the best recorded evidence of the corner. (Cont. 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", "PC—023 REF. PT.", "34970" set in grass of house #20701 Gaffke Street.

Az 90°	18.24'	Sw corner of garage #20701 Gaffke Street
Az 142°	42.13'	Set a chiseled "X" in north rim of sanitary sewer manhole.
Az 210°	37.50'	Set CST nail w/tag #34970 in southeast face of utility pole on north side of Gaffke Street.
Az 350°	7.79'	Fence post at "T" intersection of three 4' high chain link fences.
Az 300°	5.00	Fence post at Swly corner of PC 625(PC-023)

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.

CRAIG P.

AMEY
PROFESSIONAL
SURVEYOR
No.
34970

APOFESSIO

Signed by		fl	1/
Surveyor's Michigan	Lice	ise)No.	34970

Date Dec 09, 2011

PARTE STREET

For corners in

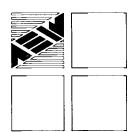
Macomb (County)	_ Located In: City of St. Clair Shores	Corner Code # PC 023	
1. Public Land Survey	T 1N R 1 T R T R T	3E	
<ol> <li>Property Controlling In Section</li> <li>Miscellaneous Property in Sec.</li> </ol>	S		ACCEPTED BY THE MACOMB COUNTY SURVEY PEER GROUP AS THE OFFICIAL CORNER UNDER MICHIGAN PUBLIC ACT 345 OF 1990 AT A MEETING HELD ON 1/- 2-20//
4. Lot No, Reco	orded Plat est Corner of PC 625		MARTIN C. DUNN, P.S. CHAIRMAN

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

(Cont. from front) To locate this position in the field, we found monumentation in Assessors Plat 60, as recorded in Liber 32 of Plats, Page 49, Macomb County Records (Figure 2). The southeast corner of Assessors Plat No 60 is coincident with the lot lines in Assessors Plat No. 24 that define the location of the corner. We were able to find enough monumentation in Assessors Plat No 60 to establish the common lot lines between the two plats. Then we mathematically calculated the corner position from the dimensions as depicted on Assessors Plat No. 24.

The corner falls in the concrete base of a fence post to a four feet high chain link fence. An alternative position to set the concrete monument was at the intersection of the south line of PC 625, and the north line of Gaffke Street. Since that location falls in the middle of a concrete driveway, we opted to set the concrete monument in the grass at a point 5.00 feet southeasterly from the corner along the south line of PC 625.

Distance Comparisons	GLO	AEW	Diff
Nwly cor of PC 625 (PC-024) to Swly cor of PC 625 (PC-023)	23.00ch (1518.00')	1514.10'	3.90'
Swly cor of PC 625 (PC-023) to Sely cor of PC 625 (PC-022)	116.00ch (7656.00')	7506' to water's edge.	150'



### ANDERSON, ECKSTEIN AND WESTRICK, INC.

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

2011 Remonumentation Corner: PC-023: Southwest Corner of PC 625

Surveyor's Report

PC-023 is the southwest corner of Private Claim 625 (PC 625). On January 4<sup>th</sup>, 1810, Aaron Greeley, "Surveyor of Private Claims", filed a description of his survey of PC625. In his description, he references this corner by citing "to a post". We have been contracted by Macomb County to locate and, if necessary, remonument this position defined by Mr. Greeley.

A research of the public records and a request sent to all area surveyors provided no recorded

surveys that reference this corner. A number of recorded plats depict the southerly and westerly lines of PC 625, but only one plat depicts the southwest corner of PC 625. Assessors Plat No. 24, as recorded in Liber 15 of plats, Page 6, Macomb County Records (Figure 1), shows the intersection of the "West Line of PC 625" and the "S. Line of PC 625". Additionally, precise dimensions are shown from corners within the plat to the southwest corner of PC625. In my opinion, this is the best recorded evidence of the corner.

To locate this position in the field, we found monumentation in Assessors Plat 60, as recorded in Liber 32 of Plats, Page 49, Macomb County Records (Figure 2). The southeast corner of Assessors Plat No 60 is coincident with the lot lines in Assessors Plat No. 24 that define the location of the corner. We were able to find enough monumentation in Assessors Plat No 60 to establish the common lot lines between the two plats. Then we mathematically calculated the

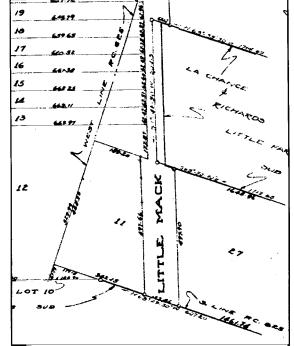


Figure 1: Assessors Plat No. 24

corner position from the dimensions as depicted on Assessors Plat No. 24.

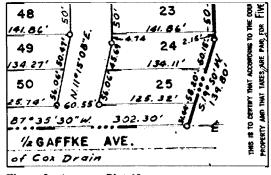


Figure 2: Assesors Plat 60

The corner falls on a fence post of a three feet high chain link fence. The fence line extends to the northeast and the southwest. Because the corner is directly below a fence post, no additional monumentation will be set.

I believe that the method described above has determined the best location of the Southwest Corner of PC 625 (PC-023).

Respectfully Submitted,

Craig P. Amey, PS

### ANDERSON, ECKSTEIN AND WESTRICK, INC.

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

2011 Macomb County Remonumentation
Analysis of Original Survey Errors
of
Private Claim 625 and Section 15

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 theirof [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



Figure 1: T1N, R13E, 1818 Township Plat

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

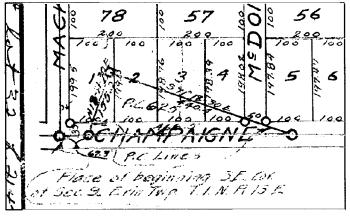


Figure 2: Mack Avenue Farms No 1

Avenue Farms No1, as recorded in Liber 4 of Plats, Page 55, Macomb County The plat title includes the Records. 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.



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,

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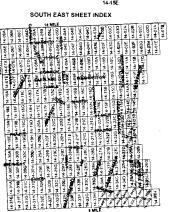
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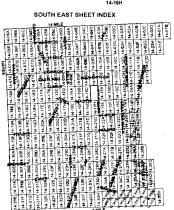






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Re:

Mon, June 27, 2011 11:13:58 PM m: Jack Owens <jnowenspls@gmail.com> \_ View Contact

To: Craig Amey <cpa34970@att.net>

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 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

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:

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? Greeleys 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 dimension:

An interesting quandary. Cool!

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

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 widt bh, 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.

Greeley. Both Preston and Greeley were supposedly running lines according to the true meridian. However the two bearings compare witt give you some into, 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 A1as 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 gong 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.

No. 87

### No. 625 Confirmed to Pierre Duchesne

### LAKE ST. CLAIR

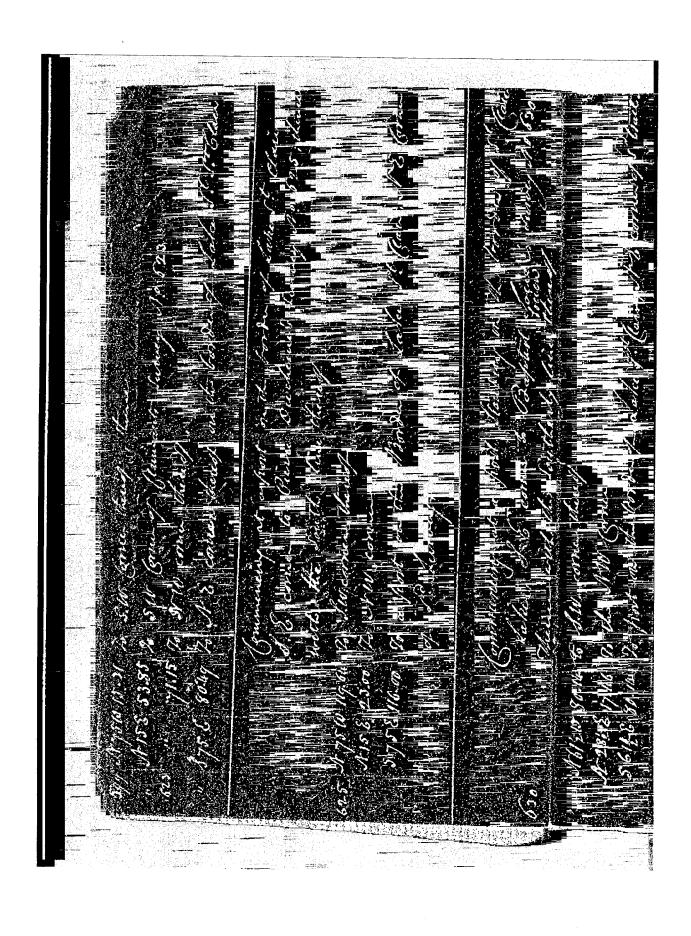
Description No. 625 Confirmed to Piere Duchane commencing at a post standing on the border of Lake St. Clair between this tract and unconceded land thence north seventy five degrees west one hundred and mineteen chains sixty four links to a post thence north fifteen degrees east twenty three chains to 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,

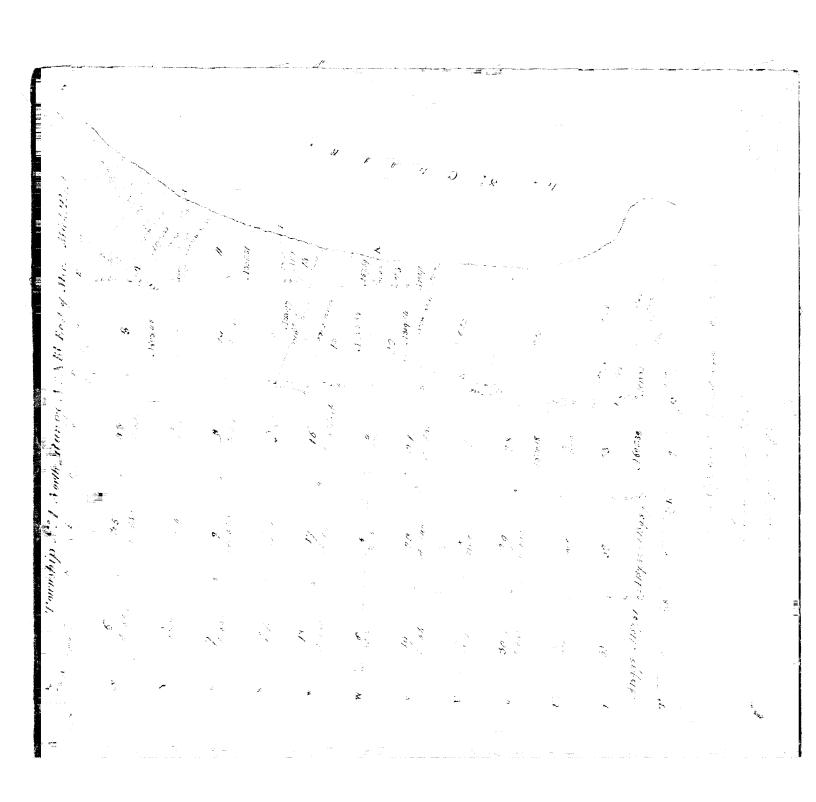
Detroit Jamy 4th, 1810

iaron Greeley Surveyor of private claims



N.87. Lake St. Blair Description Nº 625 confirmed to Rum Duc! are, commencing at a post stand. ing on the border of Jake It Olain between this track and unconceded land, then north seventy five degrees west one hundred and wireless chains tiply four links to a post thence north fifteen degrees east twenty three chains to a post thence south severity five degrees cast one hundred and sixtien chains, to a post standing on the border of Sake stillain between this track and a track of unconceded Lands, thence along the Border of said take worth six degrees west twenty Three chains twenty eight links, to the place of begins sning containing two hundred and sevs cuty acres, and winety eight hundred the of an acre Detroit January 4 1810 Auron Greeley Hurveyor of poloate Blains.





40,00 Mide half mile co ner on a W. Oak born di 411.17 a B. ash 16 m di 10,00 Set post for Section 16.15:22,21 the Which a B. Oak 14 midi bears & S. 5 & 11 lin also a B. ach 16 in di becare N30 W 25 links 1. half mile level and wet 2ª rate last bull mile same Timber B. asli Beech Elew Lynn + Undergrowth Lynn B. Och to Int fruite Claim Nº 625 Confirmed to Perse Inchersia 506. South of the N.W. Con their of Made Cer. for frao sects 15416 on our ash 8 in cliam East 22,01 Left the claim 5,96 four the S.W. Con thereof made Cor for pac. Dec 15.16 a: B. ash 14 in cleam 3 This claim was not observed in Running the sectional solven the fact notes were made West Ou Randow between S. 16+21 40,00 Set tempy half mile front 80,20 But West benedary 15 link South of conur Land level Part dry 2. nate Timber B. ash Beech Sugar Lynn Undergrowth Spice + c East Com beterun 16+21 4/10 Made'ly section comer on a B. ash 7 sin dia at average distance Tru line 80.20 To Section commen

20.00 Set host for section 10.11-14.15 from Which a Beech 14 in di beare N 23 6 Thinks also a Buch bin dia bears NOS W 6 links diet tuithalf mile good 2th rate Simber W.Oak Buch Sugar . Mudergrowth spice West Ou Roudow between S. 10 +15 4000 Set lengt half mile for 80,04 Inela West boundy atthe Comer Land level Part dry 2 " sale Inder Buch Elist to East Corrected between 10+15 40.02 Made 14 Section Comer on a Buch 4 m di at average dietand 80,04 To Section Commen East Between Sections 11+14 38.37 Inter Lake St Clair and Set frost for fracul sections 11414 from which & Sycamore 18 in di bears N 37 & 53 links also a Maple 12m bears S47 W45 littles diet Tan past Any 2t rate Simber Buch B. ash Elm ye South Between Sections 14+15 5:00 a B. ash 18, m dia 29.68 Interes of Brot claim 80.56 from N.W. comes of Lot Nº 625 and Made Comer on an Fromorod 4 ins dia for frad sect 14 + 13=32.60 left + 1.4

the dain and ma's conur for fract Sections 14+ 15 Buch 13 N 71 & 19 Sc. 15 7 m15 80.00 Set post for fract Sections 4.15:22.23 from which tru Elen 24 m di bear NUII é 11 links di also an Elm 22 m di bears 824813 lenks dist Part dry 2" rate terriber Beech Elin East Between Sections 14 423 3.50 Enter a Praisi 25.08 Int Lake St Clair and Set front for fraction Sections 14+23 John Which a Sycamore 24 m dia bears S. 10 W 2,50 also a Balsung Lilliad 30 mi dia bears North 177 links dist Met and marshy 3rd rate West On Randon between Sec. 15+22 4000 Set lemporary poet 80,10 Entersected A+8 line at sec. cor. East On The line belevan Sect 15-422 40.05 Sety see comes wash 10 84207 Lynn 12 N 50 W12 Generally low not land well tombe B. ach Elen Lynn to 8010 Sec comen South Between Sections 22+23 40.00 Made by see Cor on B. ash 6 in dian 45.86 But Private Claim No. 623 confirmed

Le carement d. 1881 8.594 Le carement d. 1881 8.595 Le carement d. 1881 8.596

P. 50 07

9

60

151 thru

mur 3-1924

## ROSEVILLE GARDENS SUBDIVISION

OF THE SE 4 OF THE ME 4 OF FR'L SECTION 16 TIM. RIJE LAKE TWP MACOMB CO. MICH.

0 50 100 200 400

WALTER J.LEHNER.REGE.E MTCLEMENB,MICHICAN

9.22M | Solution | Solution

ph Beste as proprietors, have caused the land emeracled in the annexally plat to be surveyed, laid out and platted, to be known as Boscylle Gordens Subdan of the S.E.4 of the M.E.4 of Frt. section to T.I.N.RISE. Lake Two Maramb Ca Mich and that the streets and allege as shown on early place are hereby dedicated to the use of the public.

Jacob Gaffkers.
Many Septies.
Stanly L. Wozwak L.S. Mary Beste 13

This is to pertify that the above plat was approved by the inship Board of the Township of Lake

day of August 1713

That a fact Township Clerk.

State of Michigan

County of Military

On this funch 4 day of Junk 1923
before so, a Hotary Public in and for said County, personally
come the above named facoth teaffle & Many harmony
Amount to me to be the persons, who executed the above dedieation, and acknowledged the same to be harmony

Notary Public Alexandra Land

My Commission Expires Children 1.5 th. 1926

Thule Mithe

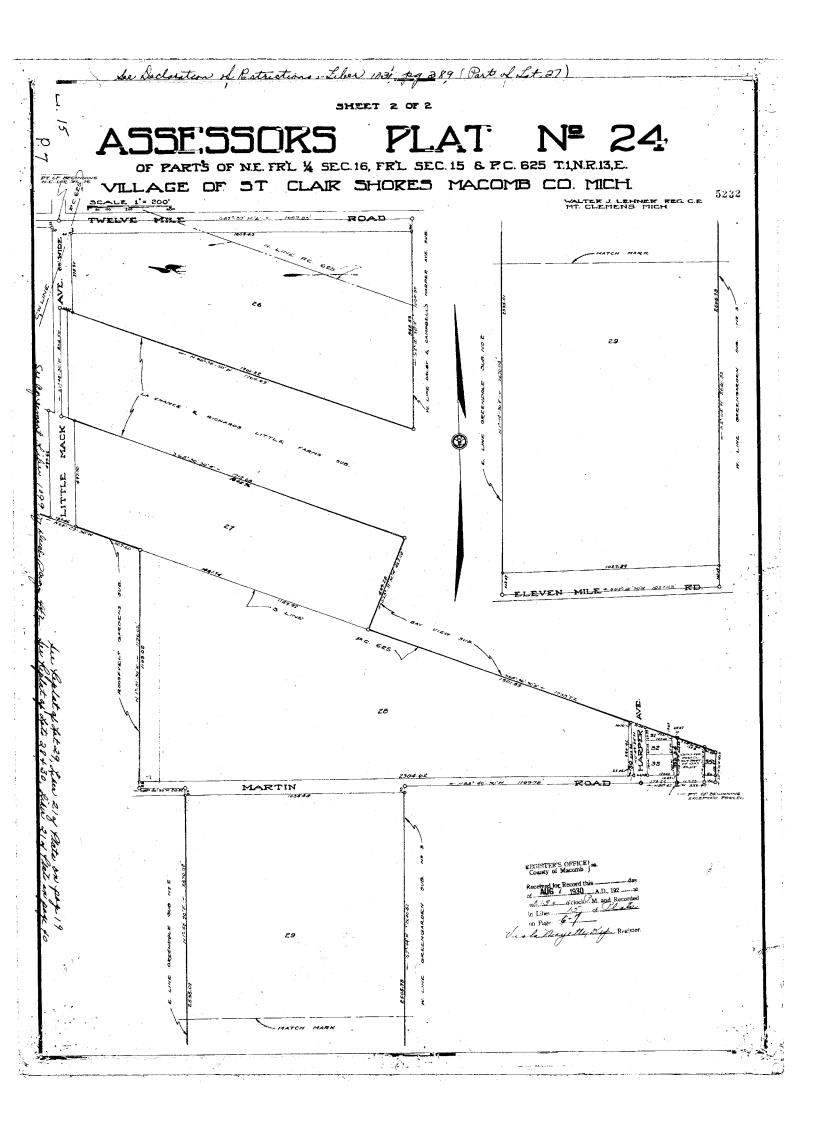
The Land embraced in the annaxed Plat of Paseville Cardens Subdivision of the SE 4 of the NE 4 of Fr. 1. Sec. 16 TIN, RISE Lake Twp. Macomb Co. Mich.

is described as follows: Beginning at the E4 corner of said Sec. 16. Thence 1889°53'W, 1344.0ft., thence NO°28'W. 1344.44 Ft. thence \$89°46'E 1175.1 Ft. thence 569°45'E 183.09 Ft., thence 50°22'E 1279.1 Ft. to point of beginning.

I hereby certify that the plat hereon Dolineated is a correct one and that permanent monuments convesting of ½ x 18 inch Irea Stakes have been planted at points marked "o" as thereon shown at all angles in the boundaries of the land platted and at all intersections of streets or streets and alloys.

\*\*Registered C.E.\*\*

for Restrictions Liber 1031 pg 389 (Part of Lot 27) Ing 5-1935 SHEET SEC.16, FR'L SEC.15 & F.C. 625 TI,N.R.13,E. CLAIR SHOKES MACOMB CO. MICH. VILLAGE ST SCALE 1 = 200' WALTER J LEHNER REG. C,E MT. CLEMENS MICH. TWELVE MILE -. Z3 22 21 Zo 19 17 15 ... ason All R.A by Three Presents, That, I Adrian A. Shores, Eacomb County, State of Michigan, by virilize profess of 1926, having been duly authorized by crited in the annexed plat to be surveyed, laid of 24° of parts of NE Fri & Sec. 16, xrl. Sec. 15 & Micomb Co., Nich., and that the streets and allew use of the public. add to TION witnesses Exhi M (illar Elyabeth Warren STATE OF MICHIGAN COUNTY OF MACOLE Notary Public in an ior macoul, Commission expires 2 cb 28 1432 The land embraced is the annexed plat of "household Plats ho. 24" of parts of N.E. Filt Sec.
Fri. Sec. 15, and P.C. 625, T.1, F.R. 13 E. Village of St. Clair Shores, Recomb Co., Mich., and it, tashee S. 2012'30" v. 1002.55 ft., thence N. 68°36'50" MV 1764.69 ft. 5. 28537'30" N. 460.25 ft., thence S. 68°36'50" N. 1705.22 ft., thence S. 68°36'50" N. 1705.22 ft., thence O'30" N. 1105.78 ft., thence S. 28°04' N. 2860.88 ft., thenceS. 89°41'30" N. 28ft., tashee S. 60°42'00" N. 607.20 ft. 68. 69°42'30" N. 675.30" N. 1267.25 ft., tience N. 1° 100 N. 1875'30" N. 1875'35 ft., to the point of begsemon X 25318131 BURWAYORS CERTIFICATE and that permanent acts! In diameter and forty ei platted at all intersect mismiss of the plot as s of the Village of St. Jane Control Description of Proper County Prepare



### ASSESSORS PLAT 60

233646

PART OF LOTS 12 THRU 23 OF ASSESSORS PLAT NO.24 PARTS OF NE. FRL 1/4SEC. 16, FRL SEC. 15 & P.C. 625 T.IN.,R.I3E.

CITY ST. CLAIR SHORES, MACOMB CO., MICHIGAN.

EXAMINED AND APP JUN 2 4 1955 Visto Targo

568.

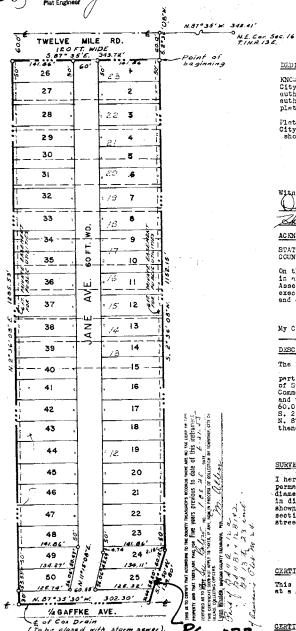
32

39%9

and decimals thereof.

\$cale 1=100'

Walter J. Lehner & Sons Reg. Civil Engineers & Surveyors Mt. Clemens, Michigan.



DEDICATION

KNOW ALL MEN BY MESE PRESENTS, That I, Adrian A. Lingemann, Assessor of the City of St. Clair Shores 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 City Council have caused the land described in the annaxed plat to be surveyed, laid out and platted, to be known as "Assessors Plat Co of part of Lots 12 thru 23 of Assessors Plat No. 24 of parts of N.E. Friese. 16, Fri Sec. 15 & P.C. 625, T.IN.,R.13E. City of St. Clair Shores, Macomb Co., Michigan, and that the streets as shown on said plat are now being used for such purposes.

Donald & Harm DONALD J. HARM HARDLD Z. TAINE

ACKNOWLEDOMENT.

ACKNOWLEDGMENT.

STATE OF JMICHICAN
COUNTY OF JMICHICAN
On this J day of J A.D. 1955, hefore me a Notary Public
in and for said county, personally came the above named Adrain A. Lingemann,
Assessor of the City of M. Clair Shores, 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 assessor.

My Commission exercis 1

Notary Public in and for
MILLIAN
Co., Mich.

DESCRIPTION OF LAND PLATTED,

The land embraced in the annexed plat of Assessors Flat 60 of parts of Lots 12 thru 23 of Assessors Flat No. 24 of parts of N.E. Frilsec. 16, Fri Sec. 15, & F.C. 625, T. 1 N., R. 13 E., City of St. Clair Shores, Maccomb County, Michigan, is described as follows: Commencing at the Northeast corner of said Section 16, T. 1 N., R. 13 E., and thence extending N. 87° -35' W. 342.41 feet; thence S. 2°.36'-08" W. 60.0 feet to the point of beginning of this description; thence extending S. 2°.36'-08" W. 1152.15 feet; thence S. 19°.50' W. 193.80 feet; thence N. 87°-35'-30' W. 302.30 feet; thence N. 2°.36'-08" E. 1285.53 feet; thence S. 87°-35' E. 343.72 feet to the point of beginning.

### SURVEYOR'S CERTIFICATE

SURVEYOR'S CERTIFICATE

I hereby certify that the plat hereon delineated is a correct one and that permanent metal monuments consisting of bers not less than one-half inch in diameter and 36 "in length, encased in a concrete cylinder at least 4 inches in diameter and 36" in depth have been placed at points marked thus (0) as thereon shown at all angles in the boundaries of the lend platted, at all the intersections of the lines of streets, and at the intersections of the lines of streets with the boundaries of the plat as shown on said plat.

Fitz 1. Princes.

Registered Land Surveyor,
No. 5779.

CERTIFICATED OF MUNICIPAL APPROVAL

This plat was approved by the Common Council of the City of St. Clair Shores, at a meeting held 1955

CERTIFICATE OF AFFROVAL BY THE COUNTY BOARD

This plat was approved on the 2/ day Macomb County Plat Board.

Albert A. Wagner-County Clerk
Frank E. Lohr
County County

Trank Drein County Drain Commissioner

REGISTER'S OFFICE SS. Received for Record.... at// 8.0 dock a M, and recorded in Vol. 32 of later, on

N. 87 - 35'30" W. 302.30" 1/2 GAFFKE AVE.
4 of COA Drain
To be closed with storm sewer).

Charmen County Plat Board.

As one County Plat Board.

As one Burr Register of Deeps Register of Deeps Charmen Charmen

PC-023

Page A 1 Would the Doods

# "ASSESSORS PLAT NO. 61"

3189(4

### ROSEVILLE GARDENS SUBDIVISION

PART OF THE S.E. 1/4 OF THE N.E. 1/4 OF FR'L. SECTION 16 T.IN., R. 13 E., CITY OF ST. CLAIR SHORES, MACOMB CO., MICHIGAN

NOTE: All dimensions are in feet and decimals thereof.

All easements shown on plat are private easements for public utilities.

Scale |"#80" 80 40 0 80

Waiter J. Lehner & Sons Reg. Civil Eng. & Surveyors Mt. Clemens, Michigan

DEC 191956

Frank 844 meroles

Frank S. Szymunski AUGITOR GENERAL

COUNTY OF MACOMB

December 1.19.1956

at 22 o clock P. M. and morphed in Vol. 28 of Charles, oh Page of 2 the Charles of Derdy Register of Derdy

DEDICATION

WEN BY THESE PRESENTS, THAT I, ADRIAN A. LINGEMANN, ABBESSOR OF THE CITY OF ST. CLAIR
MADOMS COUNTY, STATE OF MICHIGAN, BY VIRTUE OF AUTHORITY IN ME VESTED BY SECTION 51,
OF 1929, HAVING BEEN DULY AUTHORIZED BY THE CITY COUNCIL HAVE CAUSED THE LAND DESCRIBED
MANNEED PLAT TO BE SUBVEYED, LAID OUT AND PLATTED, TO BE KNOWN AS "ABBESSORS PLAT NO, 61 A REPLAT OF PART
VILLE GARDENS SUBDIVISION PART OF THE S.E. \$ OF THE N.E. \$ OF FA'L SECTION 16, T. 1 N.,
OLITY OF ST. CLAIR SHORES, NACOMS CO., MICHIGAN, AND THAT THE STREETS AS SHOWN ON SAID
F NOW BETING USED FOR SUCH PURPOSES.

CAN TO SEMPLINARY (SEAL)
LINGEMANN
OF THE CITY OF ST. CLAIR SHORES

ACKNOWL EDGINENT

STATE OF MICHIGAN,
COUNTY OF PROCESSION

ON THIS 26 DAY OF A.D. 1956, BEFORE ME, A NOTARY PUBLIC IN ANY
FOR SAID COUNTY, PERSONALLY CAME THE ABOVE NAMED ADRIAN A. LINGUAMN, ASSESSON OF CLITY OF
ST. CLAIR SHORES, KNOWN TO ME TO BE THE PERSON WHO EXECUTED THE ABOVE DEDICATION, AND ACKNOWLEDGED THE BAME TO BE HIS FREE ACT AND DEED AS SUCH ASSESSOR.

THOMAS B. WORNEHUR NOTARY PUBLIC IN AND FOR Deling in Postarile

MY COMMISSION EXPIRES THE 6- 1967

DESCRIPTION OF LAND PLATTED

THE LAND EMBRACED IN THE AMMERED PLAT OF "ASSESSORS PLATNOGIA REPLAT OF PASTET OF PAST

SURVEYOR'S CERTIFICATE

FITE J. PATOGES
REGISTERED LAND SURVEYOR
NO. 5779

CERTIFICATE OF MUNICIPAL APPROVAL

THIS PLAT WAS APPROVED BY THE CITY COUNCIL OF THE CITY OF ST. CLAIR SHORES AT A MEETING HELD

CERTIFICATE OF APPROVAL BY COUNTY BOARD

THIS PLAT WAS APPROVED ON THE 17th DAY OF DECEMBED, 1956, BY THE MACOMO COUNTY PLAT BOARD.

1 OHR. DRAIN COMMISSIONER

