

Ratified by Peer Group in accordance with P.A. 345, 1990

Co. Rec. Genesee

1996 REMONUMENTATION PROGRAM

Date 12-11-96

LAND CORNER RECORDATION CERTIFICATE

Filing Requirement of Act 74, Mich. P.A. 1970

RECORDED
DEC 30 2 30 PM '96
MAY 20 1997
83661
Register of Deeds Stamp & File Number

H.P. [Signature]

For corners in

Genesee (County)	Located In:	Corner Code #
1. Public Land Survey	T 8N R 7E	M-5
	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	

4. Lot No. _____ Recorded Plat _____
 5. Private Claims _____

I, Jack N. Owens, P.S., in a field survey on November 19, 1996, do hereby certify that under requirements of P.A. 74, Michigan P.A. of 1970, the corner points mentioned in lines 1 and 2 above were in conformance with regulations and rules therefore as required in the current manual of survey instructions of the United States Department of the Interior, Bureau of Land Management or by a decree of a Court of Law and/or that the corner points mentioned in lines 3, 4 and 5 above were in conformance with the rules of the Michigan Board of Land Surveyors or by a Decree of a Court of Law; established, re-established, monumented, re-monumented, recovered, found as expressed below:

NOTE: Not more than 4 corners, all in the same town and range, may be recorded on this certificate.

	A	B	C	D	E	F	G	H	I	J	K	L	M
1													
2	6	5	4	3	2	1							
3													
4	7	8	9	10	11	12							
5													
6	18	17	16	15	14	13							
7													
8	19	20	21	22	23	24							
9													
10	30	29	28	27	26	25							
11													
12	31	32	33	34	35	36							
13													

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

1821, GLO - J. Wampler, D.S.; set post and 2 accessories.
 1870-1890, Unknown County Surveyor; survey of E-W 1/4 line, no exact date, est. Int. 1/4 at midpoint.
 1936, GCRC - Notes; ran from corner M-6 along existing Vasser Road N'y 1562' to end of road bed.

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

1996 Remon - Made retracement survey of Sections 12 and 13, and tied in existing road between M-6 and M-5, R/W Iron at 33' east of C/L road and ditch occupation on N'y E-W 1/8 line, Section 13 west of road. Re-established corner position from above-noted collateral evidence.

Our retracement survey shows the E-W 1/4 line of Section 13 was carefully made and we obtained the Planning Commission 1992 aerial photos of Sections 12 and 13. The ditch constructed in the N'y E-W 1/8 line of Section 13 is 1318.22 feet N of the Corner M-6 on the E line of Section 13. The photo indicates the N 1/2 of Section 13 was most likely subdivided by a surveyor using a proportionate procedure. It appears the N. line lying West of the Flint River was running due East by compass bearing and the N-S 1/4 line ran North. Having these lines established, the N'y E-W 1/8 line was established at the mean bearing of the N and E-W 1/4 lines in the NW 1/4. Then the N'y E-W 1/8 line was run E'y from the 1/8 corner on the N-S 1/4 line to the midpoint of the E. line of the Section. On the E line we measured 1318.22 feet to the 1/8 line collateral evidence of the ditch from the E-W 1/4 line in Section 13 and scaled 1310 feet on the photo. On the W. line we measured 1330.18 feet from the E-W 1/4 line to the 1/8 line and scaled 1350 feet and also 1350 to the n line. On the N-S 1/4 line we scaled 1400 feet from the E-W 1/4 line to the 1/8 line and 1400 feet to a projection of the N line (which is in the river at that point). Thus it seems clear that the fences are collated evidence of a survey. The County Surveyors practiced in the area even when not holding the office. Consequently, we held the E. line at 33.00 West of the found 1/2" rod 600' N of M-6. This also fits the C/L of the existing road and is collateral evidence for the direction. Then we held the E-W 1/8 line ditch as collateral evidence for the 1/8 corner at 1318.22 feet north of M-6 and re-established the position for M-5 at 2636.44 feet. It is only 1.01 feet E of the line between M-6 and M-3 indicating the line was run quite well for direction by the GLO. we also measured n to the S bank of the Flint River 885' or 13.41 chs. The GLO measured 13.98 chs., indicating about a 1/2 chain error. Also, the distance from Corner M-5 to M-4 is 38.91 chains indicating more error by the GLO when crossing the river. North of M-4 the distance again reflects typical measurements. Most of the GLO measurements across the Flint River do not agree with our retracement measurements in this Township. I accept the position as a faithful and careful re-establishment of the position of the original GLO corner.

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

East 6.70' Set nail and Ge. Co. tag S face 10" Elm
 S15W 15.03' Set nail and gen. Co. tag E face 12" Oak
 West 28.45' Set nail and Gen. Co. tag N face 8" Pine
 North 19.18' Set nail and Ge. Co. tag E face 8" Elm

Ratified by Genesee County Peer Group December 11, 1996.
 I set the Standard Berntsen Monument SS-A-5-BR-30 (3 1/4" D. Brass cap stamped "Genesee County Remonumentation Corner 20709, 1996") with 30" x 2 3/8" O.D. stainless steel tube.



Signed by Jack N. Owens
 Surveyor's Michigan License No. 20709

Date 12-27-96

REGISTER OF DEEDS }
 GENESSEE COUNTY, MICHIGAN } ss.

I DO HEREBY CERTIFY, That the within and foregoing, is a true copy of the
 Record of a LAND CORNER
 as recorded on Page 299-300 of
 Liber 3437 of MASTER LIBER in the
 Office of Register of Deeds of Genessee County, Michigan. That I have
 compared the same with the said Record and the same is a true copy.

Richard Mangan
 DEPUTY Register of Deeds for Genessee County
 Flint, Michigan 48502

SURVEY &
 REMONUMENTATION
 MAY 20 1997
 COMMISSION

Issued 12-30-96
 PPGC 1103

A. Continued

- 1939, Gould Engineering - Unrecorded plat of "Churchill Downs", Ora F. Gould, RLS 989. Shows corner, no description, no accessories. S. line is N. line Orchard Hills & N. line is S. village limits Mt. Morris. Gives distance from S. line plat to Corner A-4 along E. R/W Saginaw.
- 1952, CPCo - Survey Dwg P14753-A, Frank A. Fisher, RLS 3102. Shows Corner A-4, no description, no accessories. Describes S. line plat Churchill Downs S'y 1/8 line Sec. 7 "as occupied". Measured between from S'y 1/8 line.

B. Continued

Surveyor recovered it in 1911. The County Surveyor records for Sec. 6 to the north, done in 1870, show he used proper procedures for a closing 1/4 corner at a proportionate location in Section 6, an even more complicated situation than Sec. 7. This shows they had detailed knowledge of such procedures well over 100 years ago. The 1911 GCRC record shows there was an established, known position for the corner which is only 3 feet north of the midpoint, a reasonable difference for measurements 110 to 140 years ago. Also, it is interesting to note that Geo. Meade listed himself as County Surveyor, Highway Engineer and Superintendent on the 1911 plans. He definitely knew where to look for section corners and what type of monumentation as well as County Surveyor. Meade is known to have been County Surveyor, starting in 1897, replacing Moses Middleton who became Register of Deeds. Do not know how long he held the office other than he signed the 1911 survey as County Surveyor.

We traversed around Section 7 in a retracement survey as part of our Remonumentation procedures. this clearly indicated the monumented corners along the township line, which are long-known positions for M-3, M-4 and M-5 (an 1867 and two 1916 plats, respectively), are the Standard Corners. The GLO distance from M-5 to M-4 had a half-chain error and the proportionate position based on this conclusion is as follow:

$$X:40.50ch(GLO):(2680.21' + 2652.24' meas.):(40.50ch + 40.00ch, GLO);$$

$$X:40.50ch(GLO):(5332.50' meas.):(80.50ch, GLO);$$

$$X = 2682.81' \text{ proportionate distance.}$$

This is only 2 1/2 feet different from the actual distance of 2680.21' (40.61 ch.). This helps support the conclusion that Corner A-4 was set properly when first established. The distance from Corner A-4 to A-3 is reasonable as well, 2656.83 feet. This show that the 1939 Gould unrecorded plat of "Churchill Downs" (the name was used by CPCo and is not stated as such on Gould's plat which has no name) had recovered the position. The 1952 CPCo survey was very accurate and tied into their 1950 survey in Section 7 referenced in the Corner Report for Corner C-4 ratified earlier this year. That survey showed a difference of only 0.15 to 0.20 feet per half mile between taped distances compared to our EDM distances and an angle at the SE Corner only 18" different than ours. Therefore, I concluded the position for Corner A-4 could most carefully be re-established from the 1/8 line they surveyed using their distance since it would be less than 0.10 of a foot.

The plat of Orchard Hills is shown since it shows that the "occupied 1/8 line" was long perpetuated. The plat of Brays Addition implied it retraced the E-W 1/4 line but the position would be 40.18 feet north of Comer M-4 or 119.44 feet north of the re-established position of corner A-4. It is not clear what line that plat retrace but it did not have the E-W 1/4 line. I conclude it does not provide any evidence for verifying the location of Corner A-4. The 1911 record shows the plat surveyor didn't have the corner since the County Surveyor had it only two years later.

Lastly, the found 1/2" rerod 367.74 feet east of the corner and the W. end of the cyclone fence 16 feet east of it are only 0.6 and 0.7 of a foot N. of the straight line from Corner A-4 to C-4. This supports the conclusion that the position was long known and used in surveys along the E-W 1/4 line. The fence diverges from the 1/4 line, being 4.2 S at 1050 feet E., but is not unreasonable for 1/4 line fences in the late 1800's. I accept the above described position as a careful and faithful re-establishment of the position of the original corner.