



2020L-00001
STATE OF MICHIGAN
GRAND TRAVERSE COUNTY
RECORDED 01/17/2020 11:46:15 AM
PEGGY HAINES REGISTER OF DEEDS
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Land Corner Recordation Certificate
Attachment B to 2019 Annual Grant Agreement
Authority: MCL 54.205 and R54.202

This form is **ONLY** for corners filed under the 2019 State Survey and Remonumentation Grant Agreement

Filing Requirement: MCL 54.268(2)(a), 54.268(2)(d), 54.201 – 54.210d and 2019 State Survey and Remonumentation Grant Agreement

Notes:

- No more than two Original Public Land Survey Corners can be recorded on this certificate
- If a corner reported hereon is common to two or more survey townships, each Town, Range and Corner Code for the corner may be identified on this certificate
- If a corner reported hereon is common to two or more counties, each county may be identified on this certificate and a copy of this certificate filed with the Register of Deeds in each county

For corner(s) in: Grand Traverse

Grant Twp.

Corner Type	Survey Township	Corner Code
Original Public Land Survey Corner	T _____ R _____	_____
• MCL 54.202(g)	T _____ R _____	_____
• MCL 54.262(g)	T _____ R _____	_____
Property Controlling Corner	S <u>9</u> T <u>25N</u> R <u>12W</u> near F4	_____
• MCL 54.202(i)	S _____ T _____ R _____	_____
• MCL 54.262(h)	S _____ T _____ R _____	_____
Protracted Public Land Survey Corner	T <u>25N</u> R <u>12W</u> F4	_____
• MCL 54.202(k)	T _____ R _____	_____
• MCL 54.262(i)	T _____ R _____	_____

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

Part A: Corner(s) History

- F4** – C ¼ Corner Sec. 9, T25N, R12W –
- 1920 – CSR L. 3, p. 403; L. 12, P. 274-276 & Tuller FB #39, p. 157-162 – Sec. 9 Survey -C. P. Tuller.
"Set Pine root for stake: 1) Norway stp. N46°00'E 18½ feet; 2) Norway Stp. 18" S68°E 17 feet dist." 40.19 – W; 39.90 – N; 39.99 – E; 40.05 – S.
 - 1978 - DNR field notes- "Replaced CFR 1" sq. maple hub w/ tacked slp. stk. 1" M. hub set from old wits."
 - 1980 – LCRC L. 2, p. 420 – C. F. Roser (PS # 12028) – Estab. Ctr. of Sec. 9 at intersection of ¼ lines and drove 5/8" x 40" rerod. Fd. C. P. Tuller's hub for ctr. of Sec. 9 from his Pine stump wit., from his sur. of 1920, L-3, p. 403 to be N70°23'W 25.6'; did not accept Tuller stk. as it was too far out of position (no occupancy). Drove 5/8" x 40" rerod w/ RLS cap and set Cedar post w/ loc. tag. 3) 15" R. Pine N50°37.4'; 4) 12" Oak N52°E 28.3'; 5) 10" Oak S07°E 17.1'.
 - 1993 – Rec. Survey – L. 7, p. 716 – G. D. Stowe (PS #25875) – 5/8" rerod fnd. 6) Poplar 10" S66°W 6.88'; 5) R. Oak S18°E 17.43'; 4) R. Oak 12" N42°E 28.70'; 3) R. Pine N54°W 38.00'
 - 1996 – Rec. Sur. – L. 8, p. 197 – J. B. Smendzuik (PS # 30895) – Fd. 5/8" rerod – same Wits. as Stowe.
 - 2004 – Unrecorded Survey – Bob Mitchell & Assoc. – File No. 20040799 – R. F. Mitchell (PS # 28417) Fd. DNR Monument. Same witnesses as Stowe.

Part B: Surveyor's Report on Perpetuation or Monumentation of Corner(s)

F4 – C ¼ Corner Sec. 9, T25N, R12W – Found C.P. Tuller's 1920 rotten pine root stake remains being 4" diameter by few tenths long and found 1'± below ground and in agreement with both of his YPS BT's. Also found a ½" x 18" long rebar with cap # 28417 (R. F. Mitchell) was N13°W 0.4' – This iron was apparently set based on Roser's record tie from his 5/8" rebar. Roser notes indicated this tie was to a position set from record bearing and distance from Tuller's BT's. Per a review of Tuller's notes it is apparent he was setting this position at the intersection of ¼ lines as he determined by running between the ¼ corners. It is also apparent that his measuring between the ¼ corners was quite erratic due to the very hilly terrain in this area. The remonumentation corners at 'F3', 'E4' and 'G4' are definitely the positions used by Tuller. The position of the remonumentation corner at 'F5' seems to be close to the position recovered by Tuller. Measured the following grid distances from the Tuller stake as follows: 2614.25' (2633.4' – CPT) to 'F3'; 2627.61' (2639.34' – CPT) to 'G4'; 2618.86' (2643.3' – CPT) to 'F5' and 2616.57' (2652.54' – CPT) to 'E4'. By calculation the intersection of ¼ lines per the remonumentated ¼ corners is S63°21'E 18.66' from the Tuller stake. There is no apparent historical occupation at the Tuller stake. Per discussion of the peer group it was agreed that though the Tuller position is not exactly mathematically correct, it was of record and not unusual for Center ¼'s in this area to not fit the mathematical intersection. Tuller stake remains accepted as the best available evidence of the position of the corner. Removed ½" CIR # 28417 per request of R. F. Mitchell.

PCC near F4- Found 5/8" rebar per C.F. Roser and used by 1993. 1996 and 2004 surveys is S70°10'E 25.42' from 'F4'. This position is S87°56'E 7.24' from the calculated intersection of the ¼ lines using the approved remonumented ¼ corners. This 5/8" rebar was not accepted as 'F4' since a position by C. P. Tuller had been entered into the county survey records previously from his 1920 survey. This property controlling corner is being recorded by this surveyor strictly to comply with the requirements of P.A. 74 of 1970 as amended and P.A. 345 of 1990 as amended and is not an endorsement of the corner position.

Part C: Field Evidence of Perpetuation or Monumentation of Corner(s)

F4 – C ¼ Corner Sec. 9, T25N, R12W –
Replaced Tuller's stake remains with stamped "Grand Traverse Co. Remonumentation" Brass Cap on 2½" x 30" long galvanized iron pipe with flared bottom. Reset Cedar post with location tag 0.9' East.
Set Orange Composite post 1' N.
S56°W 12.21' to fd. 60d nail in NW side 12" Oak
N26°W 15.44' to fd. 60d nail in W. side 18" Red Pine
N15°E 16.53' to set nail & tag in E. side 12" White Oak
S70°10'E 25.42' to 5/8" rebar – PCC near 'F4'.
N46°E 18.8' to flatten face of 14" Red pine stump (#1)
S68°E 16.9' to flatten face of 18" Red pine stump (#2)

PCC near 'F4' –
5/8" rebar
N50°W 38.14' to fd. 60d nail in W. side 18" Red Pine (#3)
S07°E 17.40' to fd. nail in E. side 14" Oak (#5)
N52°E 17.1' to stump of 10" Oak (#4)
N70°10'W 25.42' to 'F4' – GTCM

Date of Observation	Latitude	Longitude	Datum and Adjustment Year	Epoch Date
F4 – 10/14/2019	N44°34'39.6330"	W85°46'01.2134"	NAD 83 (2011)	2010.00

Position from 2 Static GNSS baseline from 2 Local OPUS base stations adjusted by least squares.

PCC near F4 – 09/18/2019	N44°34'39.552"	W85°46'00.881"	NAD 83 (2011)	2010.00
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Position from 3 Static GNSS baselines from 3 local OPUS base stations adjusted by least squares.

Land Corner Recordation Certificate
Attachment B to 2019 Annual Grant Agreement
T 25N R 12W Code F4
T 25N R 12W Code PCC near F4
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I, Craig W. McVean, in a field survey on January 7, 2020, certify under the requirements of the State Survey and Remonumentation Act, 1990 PA 345, MCL 54.261 to 54.279, and the Corner Recordation Act, 1970 PA 74, MCL 54.201 to 54.210d, that the corner(s) identified and described hereon has been perpetuated or monumented as described in Parts A, B, and C above, pursuant to the laws and rules of the State of Michigan.

Craig W. McVean

1/9/2020

Craig W. McVean

Date

Professional Surveyor's License No.: 39088

Michigan Dept. of Natural Resources,
8015 Mackinaw Trail, Cadillac, Michigan, 49601



I, Robert F. Mitchell, state that the corner(s) identified and described hereon and perpetuated or monumented as described in Parts A, B, and C above was presented to and reviewed by the Peer Review Group on December 17, 2019, and is accepted for filing in the Grand Traverse County Remonumentation Program.

Robert F. Mitchell

1-9-2020

Robert F. Mitchell

Date

Professional Surveyor's License No.: 28417