

Land Corner Recordation Certificate
Attachment B to 2018 Annual Grant Agreement
Authority: MCL 54.205 and R54.202

This form is ONLY for corners filed under the 2018 State Survey and Remonumentation Grant Agreement

Filing Requirement: MCL 54.268(2)(a), 54.268(2)(d), 54.201 – 54.210d and 2018 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: Midland County

Greendale Twp.

Corner Type	Survey Township	Corner Code
Original Public Land Survey Corner	T 14N R 2W	G13
• MCL 54.202(g)	T R	
• MCL 54.262(g)	T R	
Property Controlling Corner	S 33,34 T 14N R 2W	near G13
• MCL 54.202(i)	S T R	
• MCL 54.262(h)	S T R	
	S T R	
Protracted Public Land Survey Corner	T R	
• MCL 54.202(k)	T R	
• MCL 54.262(i)	T R	
	T R	

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	B	C	D	E	F	G	H	I	J	K	L	M

Part A: Corner(s) History

G13 – Standard corner common to Sections 33 & 34, T14N, R2W

- 1830 – R. Clark – Cor. of Sec. 33 & 34 – 1) Pine 33" N46°E 16 L.; 2) Hemlock 10" N69½°W 27 L.
- 1912 – Alapaugh Drain – R. M. Hasting & H. L. McLean – Surveyors "Thence [N88°W 32 links S. of Sec. line] same course 40 ch across section line 3 & 4 [Jasper Twp.].
- 1979 – LCRC # 498 – J. G. Campbell (PS # 15397). Set 'T' iron. 3) S2°E 8.1' intersection line; 4) N45°E 48.15' cable box; 5) S10°W 55.30' Birch Clump 6-8" trees' 7' south of centerline road.
- 1979 – Unrecorded Survey – Hunter Whitter & Assoc – Job No. 12888A- J. L. Jones (PS # 19838) – Survey in N ½ of Fractional NE ¼ Sec. 3, T13N, R2W
- 1980 – Rec. Survey L. 2, p. 960 – J. L. Jones (PS# 19838) – Survey in N ½ of Frac. NW ¼ Sec. 3, T13N, R2W
- 1980 – LCRC # 544 & Rec. Sur. L. 3, p. 258 – T. J. Mueller (PS # 25861) – Found 'T' iron. Same Wits. as Campbell.
- 1980 – Rec. Survey L. 3, p. 254 – T. J. Mueller (PS # 25661 – Fnd. 'T' iron- 6) NE 55.4' T.P.; 7) SE 19.4' END CMP; 8) SW 33.78' END CMP. Distance to 'F13' 2639.62'.
- 1995 – Unrecorded Survey – Ayres Assoc. – Job. No. 36-1057.00 – Found 'T' bar - 9) N40°E Centerline top tele. box 52.24'; 10) N35°W centerline of 2" pipe (S'ly of 2) 72.40'; 11) S45°E nail in Maple Clump 49.75'; 5) S10°W nail in Birch Clump 55.12'. N-2677.13' to 'G12'; West 2639.36' to 'F13'.
- 2015 – LCRC LC300, p. 1316 – T. L. Lapham (PS # 27595) – No GLO corner or witnesses found. Found a 'T' iron leaning slightly (point A). The iron was verified by the road location and the approximate distance to the cable box as being the corner set in 1979. The G-1 corner, also set in 1979 but by Jones, was found and witnesses verified the found iron is the corner set at that time. Jones G-1 position is approximately 24' north of point A. I established distances to corners north and south shows that Point B is close to record GLO distances south of remonumentation corner G-11 and the distance south to the G-5 remonumented position also is close to GLO record distance. With point A rejected due to

Part A: Corner(s) History (cont.)

faulty proportioning this corner was declared lost and the established a second possible location for G-13 (point B) at the record offset from the found G-1 position by Jones. Point A appears to have been set by declaring all corner from C-13 to I-13 as lost and proportioning along the line between these corners. This ignores the apparent CSR position for corner E-1 and therefore point A is rejected. A review of position at point B was accepted as the best available evidence of the position of the corner. Point A may be a property controlling corner which is witnessed above. Set standard Midland County Remonumentation monument: West 9.90' remonumentation corner G-1 T13N R02W; South 23.88' found T iron previously used for this corner (point A above); S23°W 25.64' found rerod with obliterated cap; N38°W 65.66' set N & T in NE face of 10" white pine; N61°E 60.60' set N & T in SE face of 7" scotch pine; S08°E 70.15' fd. nail in E. face of 7" maple in clump; South 16'± and East 4'± to intersection of centerline roads north-east-west

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

G13 – Standard corner common to Sections 33 & 34, T14N, R2W – No GLO evidence found. Found 'T' iron per Campbell, Mueller and Jones 7'± S. of centerline E-W gravel road. Centerline gravel road N is 2'± E. This 'T' iron is 17'± North of the centerline E-W Alapaugh Drain. Dug 6' E-W x 4' N-S x 2.5'± deep area in gravel road 'T' intersection centered at record distance of 32 links North of the drain centerline. Nothing for a corner was found. The 'T' iron fits record distance to the North & West per Jones & Mueller. This 'T' iron closely fits Hunter-Whittier record angle at NE corner of Sec. 3, T13N, R2W from 'I-2' – 'I-1' – 'G1'. A ¾" iron pipe set by J.L. Jones for the 'G1' position per the 1979-80 Hunter-Whittier surveys in Section 3, T13N, R2W is N23°20'W 26.23' from the position he used for 'G13'. The ¾" pipe doesn't fit the Hunter-Whittier survey numbers in section 3 and was apparently set in error. Condition of witnesses as follows: #1, 2, 3, 4 & 6 are gone; #5 – Dead – Fd. nail @ 54.97'; #7 & 8 did not check; #9 – leans; #10 – did not find; #11 – OK; #12-17 not applicable to this monument. Accepted 'T' iron as the best available evidence of the position off the original corner.

PCC near 'G13' – Fd. 2 ½" Aluminum cap per LCRC L. C300, p. 1316 is N1°35'W 23.81' from 'G13'. This position was set at record GLO distance of 9.9' East of a rejected position for 'G1'. The rejected 'G1' position was set by J. L. Jones in error based on a retracement of his surveys and records of Hunter-Whittier in section 3, T13N, R2W. 2 ½" A.C. doesn't fit the record tie to county drain. 2 ½" Aluminum Cap not utilized as 'G13' in this survey. This property controlling corner is recorded by this surveyor strictly to comply with 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)

G13 – Standard corner common to Section 33 & 34, T14N, R2W – Replaced 18" long 'T' iron with stamped 2 ½" Brass cap on 5/8" x 34" long iron rebar with 4" x 12" Plastic Tile with concrete around cap – Down 0.7'.
S41°W 48.73' to Fd. nail & shiner (N & S) in SE side 19" White Pine
S46°E 49.56' to Fd. nail in NE side 8" R. Maple clump of 6 (#11)
N30°W 84.83' to Fd. N & S in NE side 14" White Pine
West 10.34 (9.9'-GLO)' to 'G1', T13N, R2W – 2 ½" Brass Cap
N1°35'W 23.81' – 'PCC near G13'

PCC near G13 – 2 ½" Alum. Cap – S1°35'E 23.81' to 2 ½" Brass Cap @ 'G13'; N38°W 65.66' – 10" W. Pine;
N61°E 60.60' – 7" Sco. Pine; S8°E 70.15' – 7" Maple in clump.

Date of Observation	Latitude	Longitude	Datum and Adjustment Year	Epoch Date
G13				
03/27/2017	N43°33'12.6693"	W84°32'54.1811"	NAD83(2011)	2010.00
2 GNSS Static Baselines from 2 Local OPUS Base stations adjusted by Least squares				
PCC near G13				
03/27/2017	N43°33'12.904"	W84°32'54.191"	NAD83(2011)	2010.00
2 GNSS Static Baselines from 2 Local OPUS Base stations adjusted by Least squares				

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T14N R2W Code G13
T14N R2W Code PCC near G13

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I, Craig W. McVean, in a field survey on Sept. 25, 2018, 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

12/11/2018
Date

Professional Surveyor's License No.: 39088

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



I, Brian D. Ferguson, 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 Aug. 29, 2018, and is accepted for filing in the Midland County Remonumentation Program.

Brian D. Ferguson

Date

Professional Surveyor's License No.: 26454