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 **Corner Type Survey Township** Code Original Public Land Survey Corner 14N R F13 MCL 54.202(g) R 2 MCL 54.262(g) R 3 10 12 5 5 Property Controlling Corner R 6 18 - 17 16 15 13 6 MCL 54.202(i) S R Т 7 MCL 54.262(h) S R Т 20 8 19 21 22 23 24 8 S 2W_ 33 14N R Near F13 9 9 10 30 29 27 28 26 25 10 Protracted Public Land Survey Corner R 11 11 MCL 54.202(k) R 12 31 32 33 35 34 36 12 MCL 54.262(i) 13 13 В D

Part A: Corner(s) History

F13 - Standard 1/4 corner common to Sec. 33, T14N, R2W

- 1831 R. Clark, Jr. 1/4 Sec. post 1) Hemlock 8" N2°W 9 L.; 2) Hemlock 10" N78°E 15 L.
- 1912 Alspaugh Drain R. M. Hastings and H. L. McLean Surveyors. "Thence same course [N88°W 32 Links S. of Sec. line] 40.30 Ch. across ¼ line Sec. 4 [N. line Sec. 4, T13N, R2W Jasper Twp.]"
- 1980 LCRC # 544 and Rec. Survey L. 3, p. 254 T. J. Mueller (PS # 25861) Set 'T' iron at intersection of N-S ¼ line and Sec. Line.
- 3) NW 45.75' 5" W. Birch; 4) SW 37.98' 8" Poplar; 5) South 47.85' 8" Poplar; 6) North 29.04' 1" pipe. Distance East 2639.62'. Distance West 2666.59' to 'E13' [Really 'E1'] 1995 Unrecorded Survey Ayres Assoc. Job # 36-1057.00 J. L. Jones (PS # 19838). Found ½" pipe.
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 7) North nail in 6" Elm 31.20'; 8) N50°E centerline mail box post 25.90'; 9) S60°E nail in Maple Clump 62.35';
 10) S20°E nail in 5" Birch 59.42'. Distance West 2666.94' E13 [really 'E1']; Distance East 2639.26'
 2015 LCRC L. C300, p. 1317 T. L. Lapham (PS # 27595) No GLO corner or witnesses found. Found a
- 2015 LCRC L. C300, p. 1317 T. L. Lapham (PS # 27595) No GLO corner or witnesses found. Found a ½" x 24" pipe (Point A) with the top 15" below grade with 1 witness that verified that it is the position set in 1980. This position was established from a rejected position for corner G13 therefore it was also rejected. The pipe used as witness in 1980 was considered as the corner but did not appear to be a reasonable position. So, corner F-13 was declared lost and now set at single proportionate measure to the GLO survey (Point B) between corners E-13 and G-13. This established F-13 position (Point B) was accepted as the best available evidence of the position of the corner. Point A may be a property controlling corner.

Set standard Midland County Remonumentation monument:

11) S04°E 11.69′ fd. ½" pipe previously used for this corner. Point A above; 12) N43°W 36.23′ set N & T in W. side of twin 10" birch; 13) N45°E 35.45′ set N & T in 13" blue spruce; 14) S20°E 58.66′ set N & T in 8" apple (measured at base of tree); 15) S05°E 43.55′ center of 2" red pine; South 11′± centerline of road east-west

Land Corner Recordation Certificate Attachment B to 2018 Annual Grant Agreement T14N R2W Code F13 T14N R2W Code PCC near F13

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

- F13 Standard ¼ corner common to Sec. 33, T14N, R2W No GLO evidence found. Found ½" x 18" rebar in centerline of E-W gravel road in line with Hedge & Tree Row to North. This 1/2" rebar fits witnesses by Mueller & Jones. Measured South 20'± (32 L. - R) to centerline of E-W Alspaugh Drain. Measured Grid Bearing and distances of N89°35'44"W 2640.45' (2640' – GLO) to 'E13' and S89°34°49"E 2639.27' (2640' – GLO) to 'G13' – Revised Remon. Corner. Condition of witnesses as follows: #1, 2, 6 & 8 are gone; #3 – Ok; #4 – 38'± to Stp. Hole; #5 – Fd. stump – 47.9' to centerline; #7- not Elm- 31.3' to CL; # 9 & 10 -Ok; #11-15 - Not applicable to this monument. 1/2" x 18" rebar accepted as the best available evidence of the position of the original corner.
- PCC near F13 Fd. 2 1/2" Alum. Cap per LCRC L. C300, p.1317 is N4°27'W 11.72' from 'F13'. This position was set single proportion based on a now rejected remon position near 'G13'. 2 ½" Alum. Cap not utilized as 'F13' in this survey. This property controlling corner is 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)

F13 - Standard ¼ corner common to Sec. 33, T14N, R2W - Replaced ½" x 18" iron rebar with stamped 2 ½" Brass cap on 5/8" x 34" rebar with 4" x 10" long plastic tile with concrete around the cap - Down 0.5'.

West 10.96' to 'G1' T13N, R2W - 2 1/2" Brass Cap

N35°W 45.56' to Fd. nail and shiner in NW side Twin 12" White Birch (#3)

N44°E 42.85' to Fd. nail and shiner in NW side 15" Balsam Fir

S60°E 62.32' to set nail and tag at fd. nail in N. side Tw. 10" Red Maple (#9)

S13°E 31.85' to set nail & tag in NE side 5" Red Pine

S27°E 59.34' to set nail and tag at fd. nail in E. side 8" White Birch (#10)

N4°27'W 11.72' to Fd. 2 ½" Aluminum Cap – <u>PCC near F13</u>. <u>PCC near F13</u> – 2 ½" Alum. Cap.; N43°W 36.23' N & S in Tw. 12" W. Birch; N45°E 35.45' to N & S in 15" B. Fir; S5°E 43.55' Center 5" R. Pine; S4°27'E 11.72' to 'F13'.

Date of Observation	Latitude	Longitude	Datum and Adjustment Year	Epoch Date
F13 Jan. 24, 2017	N43°33'12.8025"	W84°33'30.0210"	NAD83(2011)	2010.00

2 Static GNSS Baselines from 2 Local OPUS Base stations adjusted by Least Squares.

PCC	near	F13

Jan. 24, 2017

N43°33'12.918"

W84°33'30.034"

NAD83(2011)

2010.00

MCVEAN ROFESSIONA

No.

OFE 3510H

2 Static GNSS Baselines from 2 Local OPUS Base stations adjusted by Least Squares.

I, Craig W, McVean, in a field survey on 09/19/2018, 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. MICHIQ

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		
County Representative's Name		Date
Professional Surveyor's License No.:	26454	