L: 6 P: 94 #2019-0007870 LAND

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Land Corner Recordation Certificate
Attachment B to 2019 Annual Grant Agreement
T33N R5W Code E-8
Page 1 of 3

Land Corner Recordation Certificate 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 countles, 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:	Charlevoix County, Michigan		Melrose Township			
Corner Type	Melrose Township	Corner Code	Charlevoix County Remon Corner			
Original Public Land SurveyCorner • MCL 54.202(g) • MCL 54.262(g)	T <u>33N</u> R <u>5W</u> T R	E-8	1 A B C D E F G H I J K L M 1 2 3 3 3			
	T R		4 - 7 - 12 - 4			
Property Controlling			5 5			
Corner S	TR		6 - 18 - 17 - 16 - 15 - 14 - 13 - 6			
• MCL 54.202(i)	TR		7 7 7			
 MCL 54.262(h) 	TR		8 19 - 20 - 21 - 22 - 23 - 24 8			
\$	TR		9 9			
Protracted Public			10 - 30 29 28 27 26 25 - 10			
LandSurveyCorner	T R		11 11			
 MCL 54.202(k) 	T R		12 - 31 - 1 - 32 - 1 - 33 - 1 - 34 - 1 - 35 - 1 - 36 - 12			
 MCL 54.262(i) 	T R		13			
	T R		"ABCDEFGHIJKLM"			

CORNER CODE DESCRIPTION: E-8 QUARTER CORNER COMMON TO SECTIONS 20 & 21, T33N R5W

Part A: Corner(s) History-Abstract...See back of page for chronological history...

E-8

In 1840s GLO Set Quarter Section Post and establishes two witnesses.

In 1881 E.K. Robinson commences survey from post.

In 1910 E.A. Robinson performs survey in Section 20.

In 1982 Carl Roser determines corner obliterated & reestablishes position using local evidence and E/W 1/2 line evidence.

In 1982 S. Chamberlain found MDNR Monument.

In 1989 J. Ferguson found MDNR Monument.

In 1998-2000 Tom Swenor Found MDNR Monument, finds 3 witnesses, & establishes new witness.

In 2007 & 2015 Sherm Chamberlain Found MDNR Monument and 3 witnesses.

Surveyors to date have utilized this corner.

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Continuation of Part A: Chronological history E-8

DATE	SURVEYOR	FOUND/SET	WITNESSES
1840s	GLO	Set Qr. Section Post	(1) Sugar 10 N10°E 16 (2) " 10 S35°W 8
1881	E.K. Robinson	Commences survey from post And finds two old sugar witnesses (Liber 1 Page 281, County survey)	rec)
1910	E.A. Robinson	Survey in section (Melrose book Page 80-81.)	
1982	MDNR Carl Roser	Set post at intersection of fence Line east and 29 'west of r.o.w. Fence running north. Very nearly Fits Robinson measures in multiple directions.	(3) S08°E 41.6' – 14" Maple (4) S80°W 44.6' – 12" Maple (5) N50°E 53.6' – 12" Maple
1982	Chamberlain (CA&Eco)	Found MDNR Monument Three Unrecorded surveys	(3) S08°E 41.6' – 14" Maple (4) S80°W 44.6' – 12" Maple (5) N50°E 53.6' – 12" Maple
1989	J. Ferguson	Found MDNR Monument Unrecorded survey	(3) S08°E 41.6' – 14" Maple (4) S80°W 44.6' – 12" Maple (5) N50°E 53.6' – 12" Maple
1998-2000	Tom Swenor	Found MDNR Monument Notes road north 15'	(3) S14°W 41.54′ – 14″ Maple (4) S78°W 44.4′ – 14″ Tw.Maple (5) N47°E 53.47′ – 14″ Maple (6) S24°E 42.08′ – 14″ Bass.
2007	Chamberlain (F&C Inc.)	Found MDNR Monument Unrecorded survey	(3) S08°E 41.6' – 14" Maple (4) S80°W 44.6' – 12" Maple (5) N50°E 53.6' – 12" Maple
2015	Chamberlain (F&C Inc.)	Found MDNR Monument Unrecorded survey	(3) S08°E 41.6' – 14" Maple (4) S80°W 44.6' – 12" Maple (5) N50°E 53.6' – 12" Maple

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Part B: Surveyor's Report on Perpetuation or Monumentation of Corner(s) E-8

Found MDNR Pipe & Cedar Post. The corner material found at this

location is supported by Part A: Chronological History on above Page 1 & Page 2.

Witness (3), Witness (4), Witness (5), & Witness (6) found as stumps. The witness measurements are:

(3) S14°W 41.54' - 19" stump (4) S78°W 44.4' - 16" stump

(5) N47°E 53.47' – 18" stump (6) S24°E 42.08' – rotten stump

Comparable Field Measurements noted below are:

1840 GLO measurement E-8 to E-7 is 2640'

1840 GLO measurement E-8 to E-9 is 2640'

1881 Robinson measurement E-8 to E-7 is 2653,20'

1881 Robinson measurement E-8 to E-9 is 2653.20'

1982 Roser measurement E-8 to E-7 is 2649.64'

1982 Roser measurement E-8 to E-9 is 2659.81'

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2019 TD Swenor measurement E-8 to E-7 is 2649.60'

E-9 is MDNR Monument set using two E.A.R 1909 wit's

E-7 is a Charlevoix County Remonumentation Corner

With the information provided the MDNR Pipe is accepted as a careful and faithful perpetuation of the original corner.

Part C: Fleid Evidence of Perpetuation or Monumentation of Corner(s) E-8

The found MDNR post in a nest of rocks, & is replaced with a 2-3/4" x 20" long Harrison Slimline cast iron Charlevoix County Marker at surface, in nest of rocks.

Witnesses found:

(3) S14°W 41.54' – 19" stump (4) S78°W 44.4' – 16" stump

(5) N47°E 53.47' – 18" stump (6) S24°E 42.08' – rotten stump

Witnesses set:

- (7) N50°E 0.7' MDNR cedar post with yellow survey marker post (spike nail & yellow cap in east face)
- (8) S87°W 11.5' 6" Maple (Spike nail with yellow cap in south face)
- (9) S10°W 53.93' 7" Maple (Spike nail with yellow cap in east face)
- (10) S60°E 43.68' 4" Hophornbeam (spike nail with yellow cap in north face)

2-track near this corner has changed due to: Landowner Kadlec placement of large berm very near corner in Northwest Quadrant. The located 2-track c/l locations noted as: S60°E 84' & N65°E 46' & N10°W 85'.

Date of Observation	Latitude	Longitude	Datum and Adjustment Year	Epoch Date
November 06, 2019	45°14'26.85"N	84°56'10.74"W	NAD83 (2011)	2010.0000

Method for coordinate determination:

RTK GPS measurement utilizing MDOT CORS Reference Network Solution.

Disclaimer on accuracy of values reported relative to their use:

This position should not be utilized for survey purposes. This is intended to represent a position to the nearest foot of absolute position.

I, Thomas D. Swenor P.S. in a field survey on November 06, 2019, 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 comer(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.

Professional Surveyor's License No.: 37282

North Star Land Surveying, Inc., 2202 Mitchell Park Drive, Suite 001, Petoskey,

Michigan 49770

I, Lawrence R. Feindt P.S., 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 November 22, 2019 and is accepted for filing in the Charlevoix County Remonumentation Program.

Lawrence R. Feindt P.S.

21566

Professional Surveyor's License No.: