

# SURVEY MAP

## PART OF SECTION 7, T31N-R4E

### HILLMAN TOWNSHIP, MONTMORENCY COUNTY, MICHIGAN

#### LEGEND

- GOVERNMENT CORNER
- SET 5/8" X 3/4" STEEL REBAR WITH 2" ALUMINUM CAP AND BLUE CARSONITE MARKER
- FOUND MONUMENT, 1/2" REBAR UNLESS OTHERWISE NOTED
- (R) RECORDED
- (M) MEASURED
- APPROXIMATE LOCATION GRAVEL ROAD OR TRAIL
- - - SECTION LINE
- LINE SURVEYED

#### SURVEY HISTORY

1840, GENERAL LAND OFFICE, HODGSON, ORIGINAL SURVEY PERIMETER  
 1840, GENERAL LAND OFFICE, HODGSON & CLASON, ORIGINAL SURVEY SUBDIVISION  
 1855, GENERAL LAND OFFICE, IVES, DEPENDANT RESURVEY SUBDIVISIONS  
 1978, LARRY BEAUREGARD, RECORDED SURVEY IN SW 1/4 SECTION 7  
 NO DATE, NO SURVEYOR, "PORTER MAP", N 1/2 SECTION 7  
 1993, DONALD MARLATT, REMONUMENTATION OF A3, A4, A5  
 2002, FREDERICK KING, REMONUMENTATION OF B3, B5, C3, C4, C5

#### CORNER WITNESSES

**B3 N 1/4 Corner Section 7, T31N-R4E**  
 Found 1/2" rebar in monument box  
**Witnesses:**  
 East 33.00' Found 1/2" pipe  
 S75E 34.78' Set 60d spike and blazed twin 12" Oak  
 S50E 39.85' Found spike/tag #25852 and blazed in 18" twin Oak  
 S60W 67.71' Found spike/tag #25852 and blazed 18" Norway Pine  
 West 35.67' Found spike/tag #15410 in power pole

**C5 SE Corner Section 7, T31N-R4E**  
 Found 4" concrete monument with 1/2" rebar  
**Witnesses:**  
 N70E 23.31' Set 60d spike and blazed 8" Tamarack  
 S72E 26.83' Found spike/tag #25852 and blazed 10" Cedar  
 S02W 10.31' Found spike/tag #25852 in power pole  
 N30W 32.78' Found spike/tag #25852 and blazed 8" Spruce  
 Set Carsonite post 2' south

**C3 NE Corner Section 7, T31N-R4E**  
 Found 4" brass disc  
**Witnesses:**  
 N38E 36.09' Found spike and blaze 27" Oak  
 S76E 18.38' Found spike and blaze 10" Oak  
 S63W 13.27' Found spike and blaze 14" Pine  
 N52W 21.42' Set 60d spike and blazed 14" Pine  
 Set Carsonite post 1' SE parallel to road

**A4 W 1/4 Corner Section 7, T31N-R4E**  
 Found 4" concrete monument  
**Witnesses:**  
 N57E 2.90' Set 60d spike and blazed 6" Spruce  
 S48W 17.45' Found spike/tag #18660 and blazed 16" Cedar  
 N71W 20.31' Set 60d spike and blazed 12" Cedar  
 N19W 18.97' Found spike/tag and blazed 14" Spruce  
 Set Carsonite post 0.5' northeast

**B4 Center of Section 7, T31N-R4E**  
 Set 5/8"x3/4" rebar with 2" aluminum cap on int. of 1/4 lines  
**Witnesses:**  
 N70W 52.56' Set 60d spike and blazed 20" Oak  
 S30E 18.27' Set 60d spike and blazed 10" spruce  
 S40W 30.54' Set 60d spike and blazed 14" Oak  
 S70W 17.35' Set 60d spike and blazed 12" Oak  
 Set Carsonite post 0.8' north

**Corner Code 8, West 1/16 corner on E-W 1/4 line Sec. 7, T31N-R4E**  
 Found iron #18654  
**Witnesses:**  
 N81E 7.83' Set 60d spike and blazed 10" Oak  
 S42W 30.51' Set 60d spike and blazed 16" Oak  
 N33W 6.00' Set 60d spike and blazed 7" Jack Pine  
 N21W 26.11' Set 60d spike and blazed 5" Jack Pine  
 Set Carsonite post 0.5' North

**Corner Code 2, East 1/16 corner on N. line of Section 7, T31N-R4E**  
 Set 5/8"x3/4" rebar with 2" aluminum cap  
**Witnesses:**  
 N25W 26.83' Set 60d spike and blazed 10" Oak  
 N45W 25.30' Set 60d spike and blazed 8" Red Pine  
 South 13.02' Set 60d spike and blazed 16" Red Pine  
 S45E 18.58' Set 60d spike and blazed 24" Oak  
 Set Carsonite post 0.5' west

**Corner Code 6, Center 1/16 corner in NE 1/4 of Section 7, T31N-R4E**  
 Found iron, mutilated cap  
 S15E 31.85' Set 60d spike in 18" Red Pine  
 N40E 15.17' Found spike in 24" Maple  
 S75E 38.43' Found spike in 16" Cedar  
 S21E 20.70' Found spike in 12" Balsam Stump  
 S64W 10.08' Set 60d in 10" Maple  
 East 2.0' to corner fence post

**Corner Code 13, Center 1/16 corner in SE 1/4, Sec. 7, T31N-R4E**  
 Set 5/8"x3/4" rebar with 2" aluminum CRP  
**Witnesses:**  
 N52E 6.05' Set 60d spike and blazed 12" Red Pine  
 S19E 14.10' Set 60d spike and blazed 12" Oak  
 N70W 37.18' Set 60d spike and blazed 18" Poplar  
 N06W 22.83' Set 60d spike and blazed 9" Red Pine  
 N80E 25.00' Well point 2' high  
 S82E 17.20' Set 60d spike in corner fence post  
 Set Carsonite post 1.0' north

**Corner Code 12, South 1/16 corner on N-S 1/4 line Sec. 7, T31N-R4E**  
 Set 5/8"x3/4" rebar with 2" aluminum cap  
**Witnesses:**  
 N46E 37.13' Set 60d spike and blazed 14" Spruce  
 N40E 34.70' Set 60d spike in fence corner post  
 S63E 18.38' Set 60d spike in fence post  
 S88W 24.67' Set 60d spike and blazed 26" Spruce  
 N82W 22.22' Set 60d spike and blazed 7" Spruce  
 Set Carsonite post 1.0' north

**Corner Code 16, East 1/16 corner on S line of Section 7, T31N-R4E**  
 Set 5/8"x3/4" rebar with 2" aluminum cap  
**Witnesses:**  
 S63W 73.18' Set 60d spike and blazed 6" Spruce  
 S83W 19.68' Set 60d spike in corner fence post  
 N74W 25.21' Set 60d spike and blazed 5" Spruce  
 S38W 60.58' Set 60d spike and blazed 8" Spruce  
 Set Carsonite post 1.0' north

**Corner Code 6, Center 1/16 corner in northeast 1/4 of Section 7, T31N-R4E**  
 Found iron, mutilated cap  
**Witnesses:**  
 N17E 10.46' Set 60d spike and blazed 16" Red Pine  
 S36E 15.25' Set 60d spike and blazed 16" Pine  
 S76W 12.86' Set 60d spike and blazed 12" Red Pine  
 N39W 25.89' Set 60d spike and blazed 6" Jack Pine  
 Found Carsonite Post 0.5' west

**Corner Code 3, North 1/16 corner on west line of Section 7, T31N-R4E**  
 Found iron bar 1/2"  
**Witnesses:**  
 S10E 25.25' Set 60d spike and blazed 18" Oak  
 N90W 29.23' Set 60d spike and blazed 16" Oak  
 N70W 21.00' Set 60d spike in 16" Oak  
 N40E 31.15' Set 60d spike in 16" Red Pine  
 Set Carsonite post 1.0' south

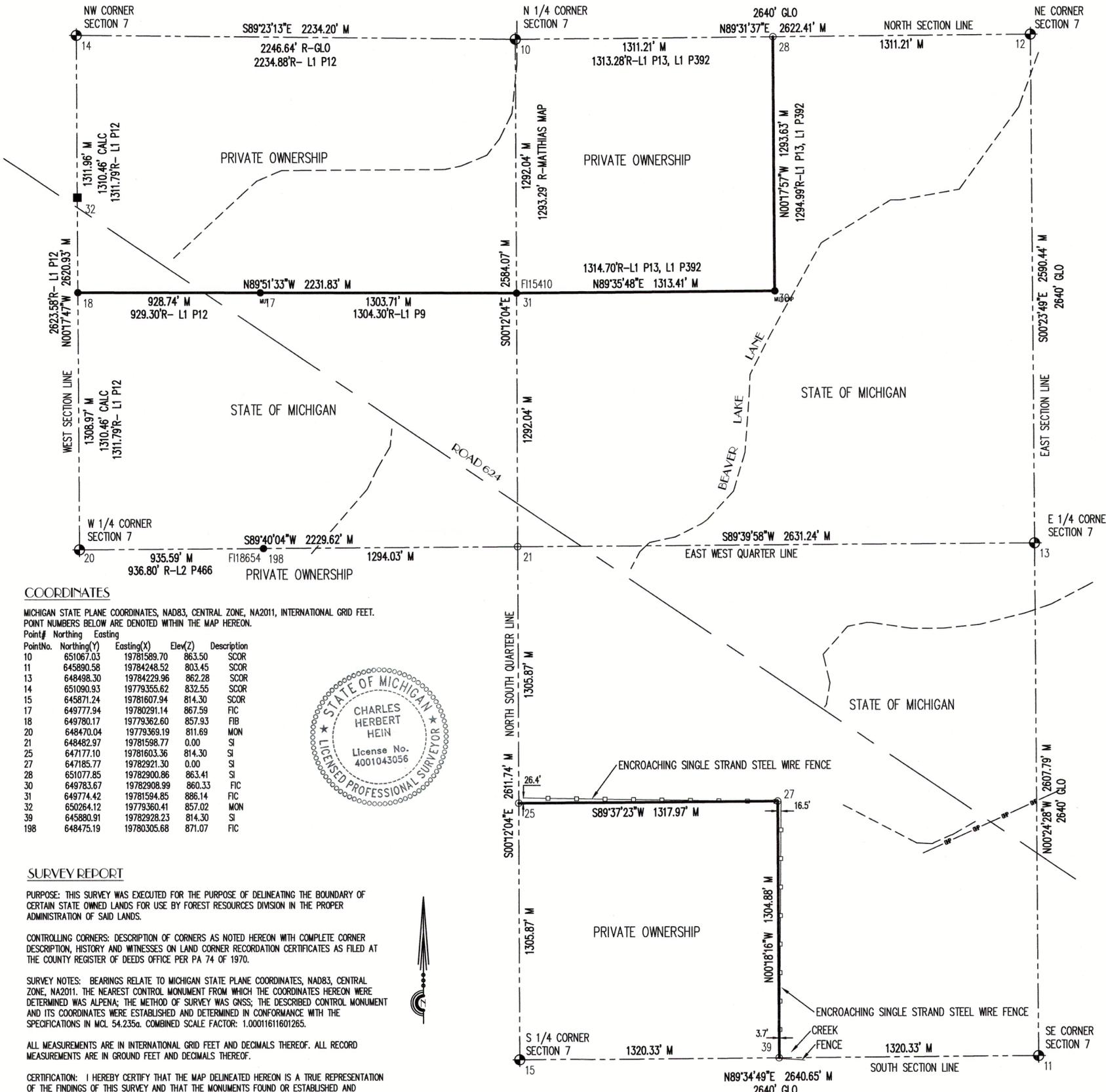
**Corner Code 4, Center 1/16 corner in northwest 1/4 of Section 7, T31N-R4E**  
 Found capped iron with mutilated cap  
**Witnesses:**  
 S70W 49.15' Set 60d spike and blazed 16" Red Pine  
 N20W 9.94' Set 60d spike in 12" Maple  
 N70E 24.87' Set 60d spike in 16" twin Maple  
 S65E 31.25' Set 60d spike and blazed 12" Maple  
 Set Carsonite post 0.5' south

**Corner Code 5, North 1/16 corner on north-south 1/4 line Section 7, T31N-R4E**  
 Found iron #15410  
**Witnesses:**  
 S84E 9.28' Set 60d spike in 8" Oak  
 S12W 30.93' Set 60d spike and blazed 24" Red Pine  
 S85W 34.29' Set 60d spike and blazed 18" Red Pine  
 N14W 19.87' Set 60d spike in 12" Oak  
 Found Carsonite post 0.20' north

**C4 E 1/4 Section 7, T31N-R4E**  
 Found 4" diameter monument with 4" aluminum cap  
**Witnesses:**  
 N10E 14.03' Found spike/tag in blazed 16" Red Pine  
 S85E 22.77' Found spike/tag in blazed 12" Red Pine  
 S05E 7.20' Found spike/tag in blazed 12" Red Pine  
 West 29.83' Found spike/tag in blazed 16" Red Pine  
 Set Carsonite post 1.0' west

**A3 NW Section 7, T31N-R4E**  
 Found 4" aluminum cap  
**Witnesses:**  
 S15W 279.15' Found spike in 18" Poplar  
 West 327.60' Found concrete monument  
 East 370.03' Found concrete monument  
 South 826.90' Found concrete monument

**B5 S 1/4 Section 7, T31N-R4E**  
 Found 4" concrete monument  
**Witnesses:**  
 S15E 31.85' Set 60d spike in 18" Red Pine  
 N40E 15.17' Found spike in 24" Maple  
 S75E 38.43' Found spike in 16" Cedar  
 S21E 20.70' Found spike in 12" Balsam Stump  
 S64W 10.08' Set 60d in 10" Maple  
 East 2.0' to corner fence post



#### COORDINATES

MICHIGAN STATE PLANE COORDINATES, NAD83, CENTRAL ZONE, NA2011, INTERNATIONAL GRID FEET. POINT NUMBERS BELOW ARE DENOTED WITHIN THE MAP HEREON.

Point#	Northing	Easting	Elev(Z)	Description
10	651067.03	19781589.70	863.50	SCOR
11	645890.58	19784248.52	803.45	SCOR
13	648498.30	19784229.96	862.28	SCOR
14	651090.93	19779355.62	832.55	SCOR
15	645871.24	19781607.94	814.30	SCOR
17	649777.94	19780291.14	867.59	FIC
18	649780.17	19779362.60	857.93	FIB
20	648470.04	19779369.19	811.69	MON
21	648482.97	19781598.77	0.00	SI
25	647177.10	19781603.36	814.30	SI
27	647185.77	19782921.30	0.00	SI
28	651077.85	19782900.86	863.41	SI
30	649783.67	19782908.99	860.33	FIC
31	649774.42	19781594.85	886.14	FIC
32	650264.12	19779360.41	857.02	MON
39	645880.91	19782928.23	814.30	SI
198	648475.19	19780305.68	871.07	FIC



#### SURVEY REPORT

**PURPOSE:** THIS SURVEY WAS EXECUTED FOR THE PURPOSE OF DELINEATING THE BOUNDARY OF CERTAIN STATE OWNED LANDS FOR USE BY FOREST RESOURCES DIVISION IN THE PROPER ADMINISTRATION OF SAID LANDS.

**CONTROLLING CORNERS:** DESCRIPTION OF CORNERS AS NOTED HEREON WITH COMPLETE CORNER DESCRIPTION, HISTORY AND WITNESSES ON LAND CORNER RECORDATION CERTIFICATES AS FILED AT THE COUNTY REGISTER OF DEEDS OFFICE PER PA 74 OF 1970.

**SURVEY NOTES:** BEARINGS RELATE TO MICHIGAN STATE PLANE COORDINATES, NAD83, CENTRAL ZONE, NA2011. THE NEAREST CONTROL MONUMENT FROM WHICH THE COORDINATES HEREON WERE DETERMINED WAS ALPENA; THE METHOD OF SURVEY WAS GNSS; THE DESCRIBED CONTROL MONUMENT AND ITS COORDINATES WERE ESTABLISHED AND DETERMINED IN CONFORMANCE WITH THE SPECIFICATIONS IN MCL 54.235a. COMBINED SCALE FACTOR: 1.00011611601265.

ALL MEASUREMENTS ARE IN INTERNATIONAL GRID FEET AND DECIMALS THEREOF. ALL RECORD MEASUREMENTS ARE IN GROUND FEET AND DECIMALS THEREOF.

**CERTIFICATION:** I HEREBY CERTIFY THAT THE MAP DELINEATED HEREON IS A TRUE REPRESENTATION OF THE FINDINGS OF THIS SURVEY AND THAT THE MONUMENTS FOUND OR ESTABLISHED AND MEASUREMENTS MADE ARE AS SHOWN HEREON.

CHARLES H. HEIN, PS 43056

THIS BAR REPRESENTS ONE INCH ON THE ORIGINAL DRAWING. USE TO VERIFY REPRODUCTION SCALE.

ISSUED FOR: MICHIGAN DNR  
 CLIENT REVIEW: ATTN: CARL KISSKILA, PS  
 CLIENT USE: DNR NUMBER FM15-18

REVISIONS:  
 SCALE 1" = 400'  
 1 OF 1  
 PROJECT NO: 10733

SECTION 7, T31N-R4E  
 HILLMAN TOWNSHIP  
 MONTMORENCY COUNTY, MICHIGAN  
 BOUNDARY AND RETRACEMENT  
 SURVEY

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