

Land Corner Recordation Certificate
Authority: 1970 PA 74, MCL 54.205

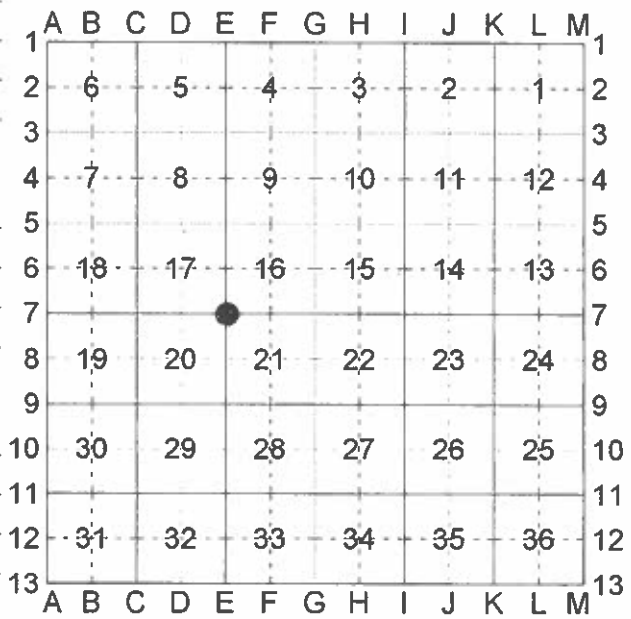
Surveyor's Name: Craig W. McVean Field Survey Date: 4/16/2016
For corner(s) in: Benzie County

Table with 4 columns: Original Public Land Survey Corner, Corner Code, and two empty columns for survey details.

Table with 4 columns: Property Controlling Corner, Corner Code, and two empty columns for survey details.

Table with 4 columns: Property Corner, Corner Code, and two empty columns for survey details.

Table with 4 columns: Protracted Public Land Survey Corner, Corner Code, and two empty columns for survey details.



Part A: Corner History

E7- Section Corner common to sections 16, 17, 20 & 21, T26N, R14W

1838- GLO- Alvin & Austin Burt-Set Post
1) Sugar 12" S50°E 32 L.
2) Beech 6" N34°W 25 L.
1972 - LCRC L. 1, P. 87- H. R. Bruning, PS#10681- 5/8" x 24" rod set by double proportion measurement between E-5, E-8, D-7 & I-7.
3) 18" Beech N49°W 69.27'; 4) Tw. 7" Maple N66°E 32.71'; 5) 4-4" Basswood S69°E 33.63'
2008 - LCRC 2009L-00016- J. B. Smendzuik, PS#30895- Found 25" of the cast iron Harrison marker at the surface of a gravel road and pipeline intersection. Corner fit 2 old Bruning witnesses. The Benzie County Peer Group approved this position as the best available evidence of a locally accepted corner. Removed the cast iron Harrison marker and set a standard 4" diameter Benzie County Remonumentation Program concrete monument with a brass cap. Set 3 rocks around top of monument. Top of monument is 5" below grade.
6) 11" Ash N12°W 71.30' to a set dbl. headed nail w/ B.C.R.P. tag.; 4) 12" & 14" tw. Maple 32.58' to a set dbl. headed nail w/ B.C.R.P. tag.; 7) 13" Maple N66°W 51.33' to set dbl. headed nail w/ B.C.R.P. tag.; 3) 23" Beech N62°W 68.99' to a set dbl. headed nail w/ B.C.R.P. tag.; 8) Set a blue carsonite post N58°E 34'. Corner is at the intersection of Zimmerman Rd., Eastman Rd., (both gravel/dirt) and a gas pipeline.

Part B: Surveyor's Report on Perpetuation, Restoration, Reestablishment, or Monumentation of Corner

E7- Section Corner common to sections 16, 17, 20 & 21, T26N, R14W- Found Benzie County Concrete Monument per Smendzuik LCRC being 16' +/- West and 5' +/- north of the centerline-centerline of sand & gravel 'T' road intersection N-S-W. This monument's position was based on proportioning by Bruning from corners 1 mile west, 1 mile north, ½ mile south and 2 miles east. Since that time the proportional positions set by Bruning at 'E6', 'G7' and 'H7' have been rejected by the Benzie County remonumentation peer group since they did not agree with historical county surveys by F. Haswell or G. Steele as well as old occupation lines. This put the Bruning position at 'E7' in question. The Bruning SP position at 'D7' was remonumented also and is some 6' west of the historical N-S fence occupation that I believe is the result of G. Steele's 1867 survey in section 17 and must be considered questionable also. At the December 16, 2015 Benzie County Remonumentation Peer Group meeting these issues were raised and discussed at length. The gravel road south of the 'T' intersection is fairly straight. I believe it's centerline is a monument to the section line south. A single proportional position N & S fits the existing centerline +/- of the road west at the intersection. The general consensus of the peer group was that the best position for 'E7' was to use the physical centerline of the road south at a single proportional position N & S. I told Mr. Smendzuik I would set the corner as such and he could move the county monument at his convenience. I thought this was an official motion but was informed later it was not. Regardless I thus set a stamped 2" Aluminum Cap on 5/8" x 24" long iron rebar in centerline +/- of 'T' intersection as noted in the consensus. Measured grid bearing and distances as follows: S0°53'24"W 2638.51' (2640'-GLO) to 'E8'; N0°44'01"E 2638.51' (2640'-GLO) to 'E6'; S87°18'46"E 5275.04' (5290.5'-GLO) to 'G7' and N88°16'W 2646' +/- (2643.63'-GLO) to apparent position for 'D7' being 33' north of old fence corner S & W and in line with old fence north and falls near of south edge of E-W sand-gravel road.

PCC near E7- This is the position of the existing Benzie County Monument per LCRC 2009L-00016 as noted above being N78°44'W 16.29 from 'E7'. Benzie County Monument not utilized as 'E7' 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 is not an endorsement of the corner position.

Part C: Field Evidence of Perpetuation or Monumentation of Corner

E7- Section Corner common to sections 16, 17, 20 & 21, T26N, R14W
Stamped 2" Aluminum Cap of 5/8" x 24" long iron rebar-down 0.5'
N40°E 20.84' to set nail and tag in SE side twin 14" Maple
N67°W 67.03' to fd. dbl. headed nail & brass tag in S. side 17" S. Maple
N54°W 83.39' to fd. dbl. headed nail & brass tag in NE. side 24" Beech
S19°E 82.08' to set nail and tag in W. side 17" Sugar Maple
N78°44'W 16.29' to 'PCC near D7'.
East 25' to set Orange Carsonite post w/ Location Tag.

PCC near E7- 4" Benzie County Concrete monument
S78°44'E 16.29' to 'E7'- 2" Aluminum Cap.
11" Ash N12°W 71.30' to a set dbl. headed nail w/ B.C.R.P. tag
12" & 14" tw. Maple 32.58' to a set dbl. headed nail w/ B.C.R.P. tag.
13" Maple N66°W 51.33' to set dbl. headed nail w/ B.C.R.P. tag.;
23" Beech N62°W 68.99' to a set dbl. headed nail w/ B.C.R.P. tag.;



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4/3/2017
Date

Professional Surveyor's License No.: 39088

Prepared By:
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