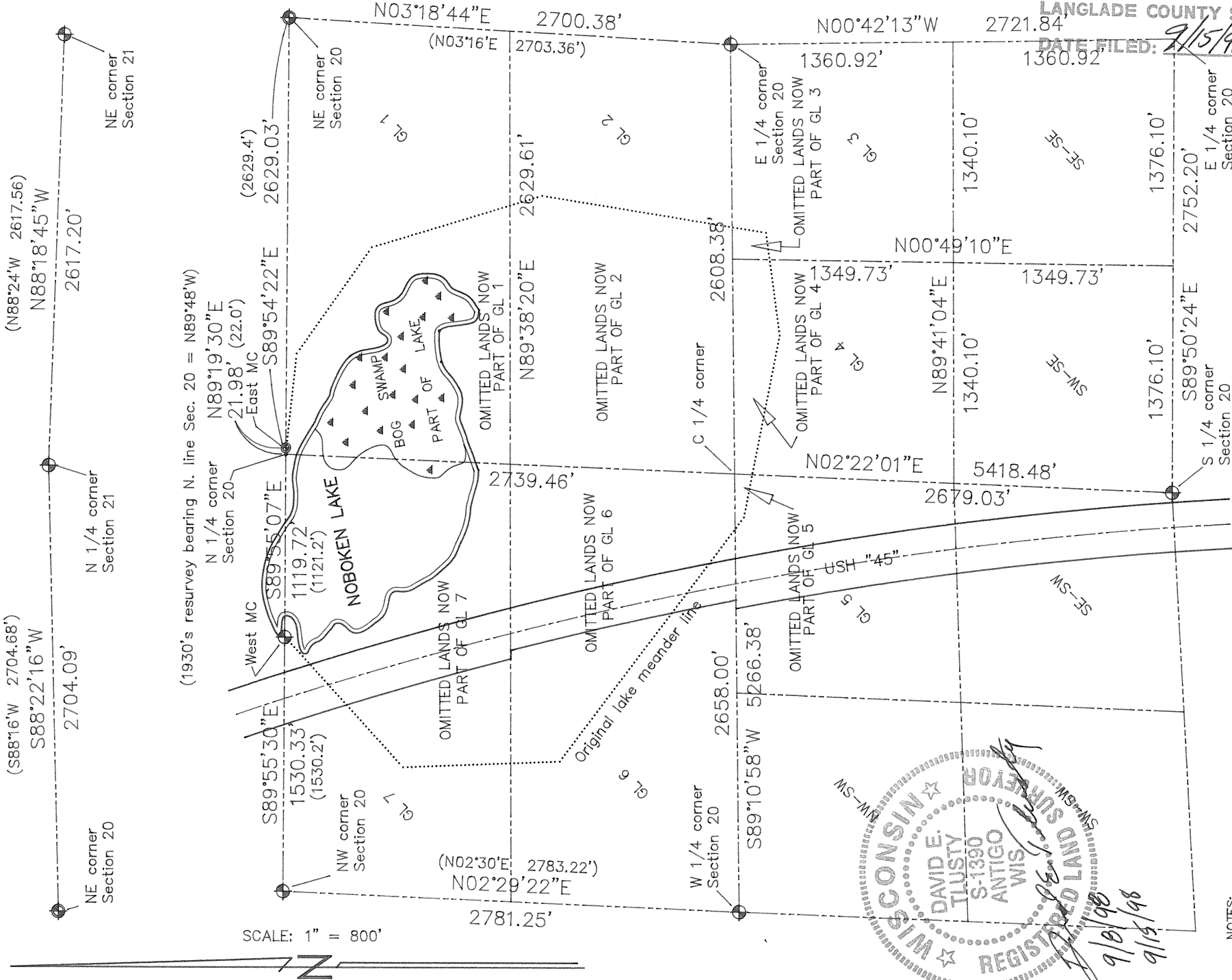


For Langlade County

Part of Section 20, T. 33 N., R. 11 E.,



NOTES:
ALL INFORMATION SHOWN IS BASED ON OPEN TRAVERSE WORK.
BEARINGS ARE GEODETIC AND BASED ON AN OPEN TRAVERSE TO LANGLADE COUNTY
GEODETIC CONTROL MONUMENTS, KEMPSTER GPS PS TO KEMPSTER GPS AZ MARK.
(GRID BEARING N 4°55'14" E CONVERTED TO GEODETIC BEARING N 5°31'19" E)
SEE PAGE 2 FOR CORNER DESCRIPTIONS.

I, David E. Thusty, Registered Land Surveyor as Langlade County Surveyor, have made a survey of the North line of Section 21, and part of the boundary of Section 20, Township 33 North, Range 11 East, Langlade County, Wisconsin, as shown hereon. This survey was made for use in future survey work on Langlade County land within Section 20.

The original government survey of this township was done in 1860 by Hiram C. Fellows. A complete re-survey of this township was done in 1936 by E.F. Kowalke and C.W. Borth. After analysis of the 1936 re-survey work, it appears that thorough searches were made for original government survey evidence. The 1936 re-survey information was used as a basis for my survey work.

It is obvious that the original meander line of Noboken Lake, as presumably run by the original government surveyor, is in error. Observation of topography and several larger, old trees and stumps in the area between the existing land and the original meander line reveal that there was always land here and this land could not have been submerged. Even though the original government meander line enclosed approximately 185 acres and the existing Noboken Lake occupies only approximately 46 acres, the Bureau of Land Management does not consider this a gross error and, because of this, has stated that the land between the existing lake and the original meander line has become part of the adjoining lots. This survey shows the division of the omitted lands.

Field work for this survey was accomplished with a Geodimeter total station and electronic data collector. A short description of the corner information is shown below. All monumented corners shown hereon have a PLSS corner form on file in the County Surveyors office.

The W1/4, S1/4 and E1/4 corners of Section 20, the East MC on the North line of Section 20 and the NE corner of Section 21 were all found as set and described in the 1936 re-survey. Found 4" iron pipe with brass cap at these corners.

Found a 1 1/8" iron rod at the N1/4 corner of Section 20 as described in the 1936 resurvey.

The NW corner of Section 20 was a 1" iron pipe as described by Thomas Arnott on a corner form dated Sept. 16, 1992. I removed this iron pipe to search for a 1 1/8" iron rod set in 1936, which I didn't find. Re-set 3/4" x 30" re-bar for corner in place of pipe set by Arnott.

The NE corner of Section 20 was re-established by proportioning E-W between the NE corner of Section 21 and the East MC on the North line of Section 20 (using the 1936 re-survey info as a basis for proportioning) and by holding the 1936 re-survey distance to a witness corner 33 feet to the South. Note: this witness monument leans south but is very solid. It appear that root pressure of very close large white pine has slowly caused witness to lean. I compensated for the lean of the witness monument, therefore the section corner is now actually 33.6' from the leaning witness monument. To mark the corner, I set a 2" aluminum monument with 3 1/4" aluminum cap flush with ground. Corner is approx. 18'± south of the center of CTH "J".

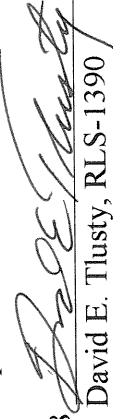
The N1/4 corner of Section 21 was re-established by proportioning E-W between the NE corner of Section 21 and the East MC on the North line of Section 20 (using the 1936 re-survey info as a basis for proportioning) and by holding the 1936 re-survey distance to a witness corner 33 feet to the South. Note: this witness monument leans north but is very solid. I doubt that this witness monument was set as crooked as I found it, so I compensated for the lean of the witness monument, therefore the quarter corner is now actually 32.65' from the leaning witness monument. To mark the corner, I set a Berntsen SN-1 nail, approx. 3" long with 1" dia. head. Corner is on pavement of CTH "J", approx. 2' north of the south edge.

The West MC on the North line of Section 20 was re-set from two 1936 bearing objects (stones with chiseled "x"). Set iron pipe with 4" brass cap.

The center of Section 20 was established at the intersection of straight lines between opposing quarter corners on the perimeter of Section 20. To mark the corner, I set a 2" x 30" iron pipe with 3 1/4" brass cap.

I hereby certify that this survey work has been done to the best of my knowledge and belief and that this map is a true and correct representation of said survey.

Sept. 15, 1998


David E. Thusty, RLS-1390
Langlade County Surveyor

