



MINNESOTA DEPARTMENT OF NATURAL RESOURCES

Lands and Minerals Division

Survey Section

1601 Minnesota Drive

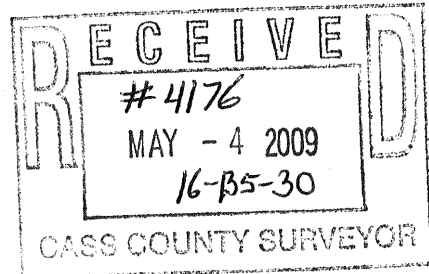
Brainerd, MN 56401

(218) 828-2445

john.walker@dnr.state.mn.us

May 1, 2009

Robert Kovanen
Cass County Surveyor
8045 Co. Rd. 12 NW, Box 579
Walker, MN 56484



Re: *Section 16, T135, R30 – Our project: FOM01856 Home Brook Township*

Dear Bob,

I have signed the corner certificates that I had sent you the other day and added three more. I will have the map revised as soon as possible. I'm not sure what you want to do with the North Quarter and Northeast Corners of Section 16, I just signed the histories. Someday maybe CSAH 1 will get rebuilt and you'll get to go and dig all the corners along there. I hope the old style certificates won't be a problem. Hopefully you can keep them on file in your office if nothing else. Thanks for all your help on our projects!

Sincerely,

A handwritten signature in cursive script that reads 'John D. Walker'.

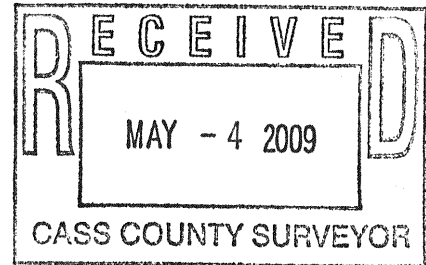
John D. Walker
MN DNR Land Surveyor

enclosures

Northeast Corner Section 16, Township 135 North, Range 30 West

The Department of Natural Resources, Bureau of Engineering contacted the following offices for information regarding this corner:

MN Secretary of State
 Cass County Surveyor
 Widseth, Smith and Nolting of Brainerd
 Landecker and Associates of Pequot Lakes
 Landecker and Associates of Walker
 Central Minnesota Surveying



- 1869 The US General Land Office field notes, on file in the Secretary of State's Office, show this corner to be marked with a post and the following bearing trees were marked:
 Aspen 10" N 55° W 67 links (44.22')
 Elm 5" S 9° W 58 links (38.28')
 Birch 8" S 55° E 73 links (48.18')
 Aspen 2" N 27° E 95 links (62.7')
- ???? The survey of State Rural Highway No. 80 shows stationing at this corner. The distance to the Northeast Corner Section 21 is 5298.9' and to the Northeast Corner Section 9 is 5231.4'.
- 1920 Lincoln Mackey surveyed the Rainbow Trail through this township. He found the birch and two aspen bearing trees and re-established the corner. He measured 5293.1' to the Northeast Corner of Section 21 and set the quarter corner midway and on line between the section corners. The Rainbow Trail is on the east - west quarter line of Section 16.
- 1998 In February, the DNR survey crew searched for the corner and located the centerline of the north - south County Highway and a fence line west.
 Distances were measured to the following corners:
 East Quarter Corner Section 16 - S 00°14'28"E 2629.45'
 Northeast Corner Section 17 - N 89°49'06"W 5224.03'
 Found Spike at the approx. Northeast Corner Section 15 - N 88°51'35"E 5272.22'
 Found capped iron pipe at Northeast Corner Section 9 - N 00°13'39" W 5251.26'
- 1998 In May, Landecker and Assoc. in Pequot Lakes requested our information on this section as they had a survey in Section 9. I sent them our field notes and approximate section subdivision, with a note saying we hadn't established the corners along the north line yet. I wrote that this corner probably should be proportioned in on the center of the road. They sent back their subdivision using the PK nail that we had set at the fence line west and the centerline of the road. They established the North Quarter Corner Section 16 lost.

Using the old road survey distances along the east line of Sections 9 and 16 and proportioning our distance (only 1.2' short), the Northeast Corner Section 16 would be 18.7' north of the PK.

For more information on our survey in this area please contact MN DNR, Bureau of Engineering, Survey Section, 1601 Minnesota Drive, Brainerd, MN 56401

Jesse D. Walker

4/30/2009

LLS. # 16098

North Quarter Corner Section 16, Township 135 North, Range 30 West

The Department of Natural Resources, Bureau of Engineering contacted the following offices for information regarding this corner:

MN Secretary of State
Cass County Surveyor
Widseth, Smith and Nolting of Brainerd
Landecker and Associates of Pequot Lakes
Landecker and Associates of Walker
Central Minnesota Surveying

1869 The US General Land Office field notes, on file in the Secretary of State's Office, show this corner to be marked with a post and the following bearing trees were marked:

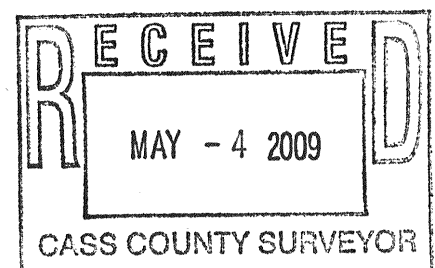
Aspen 14" S 20° E 23 links (15.18')
Aspen 14" N 48° W 22 links (14.52')

1998 In February, the DNR survey crew searched for the corner and found no evidence of it. It was determined to set the corner at the lost position after establishing the section corners east and west. In May, Landecker and Assoc. in Pequot Lakes requested our information on this section as they had a survey in Section 9. I sent them our field notes and approximate section subdivision with a note saying we hadn't established the corners along the north line yet. I wrote that we would probably use a proportion to put in the NE corner of this section. In April, 1999 the DNR survey crew went out to set the NE and North quarter corners of section 16 and was told by the landowner that Landecker had set the corner. We checked with them and they had used the PK that we had set for an approximate corner at the northeast corner about 18.7' south of where I intended to set the corner. As the actual position of this corner north and south won't affect our survey in the southwest quarter of Section 16, I didn't establish this corner.

For more information on our survey in this area please contact MN DNR, Bureau of Engineering, Survey Section, 1601 Minnesota Drive, Brainerd, MN 56401

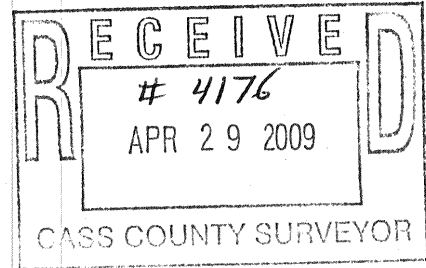
Jelud D. Walker

Date: 4/30/09 LLS # 16098



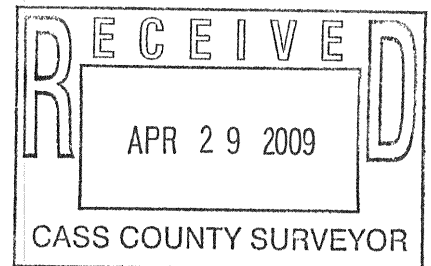
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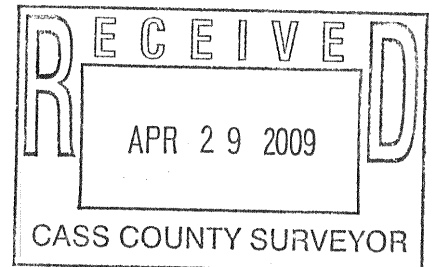
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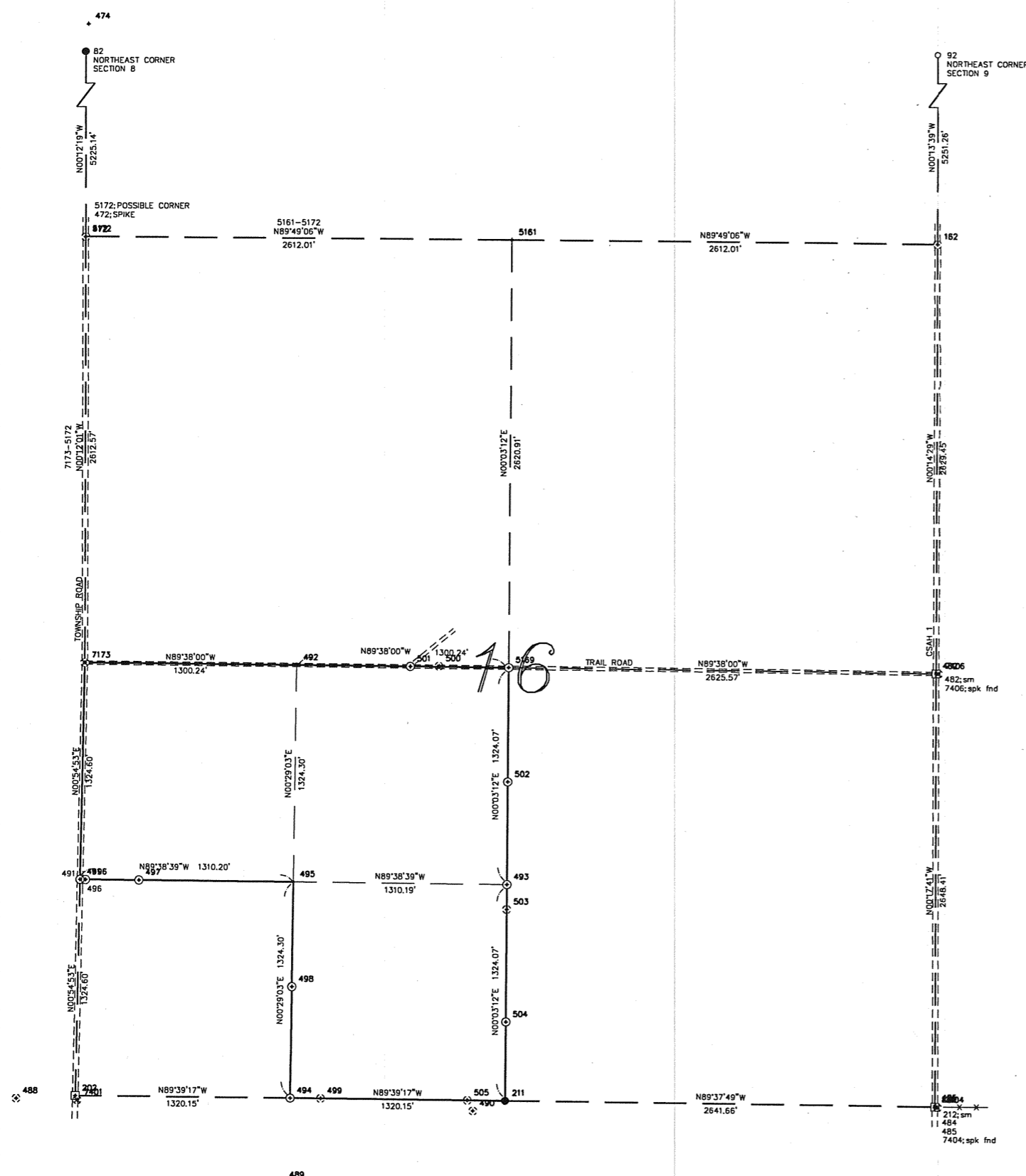
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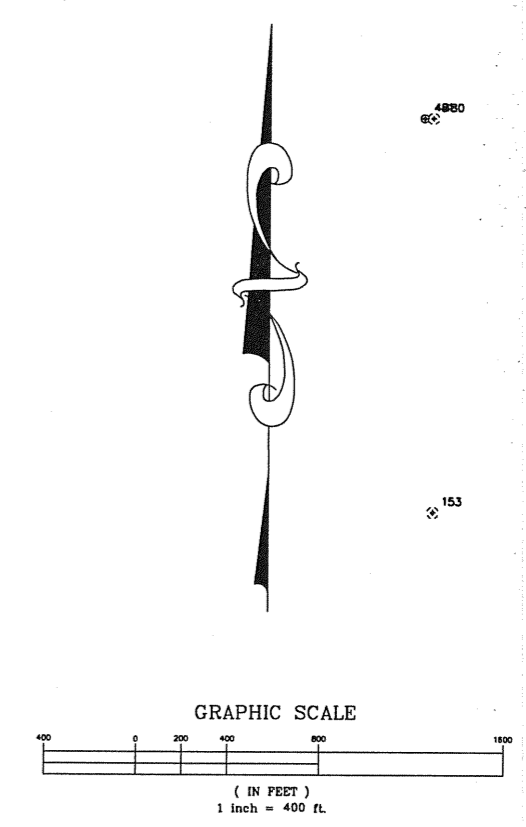
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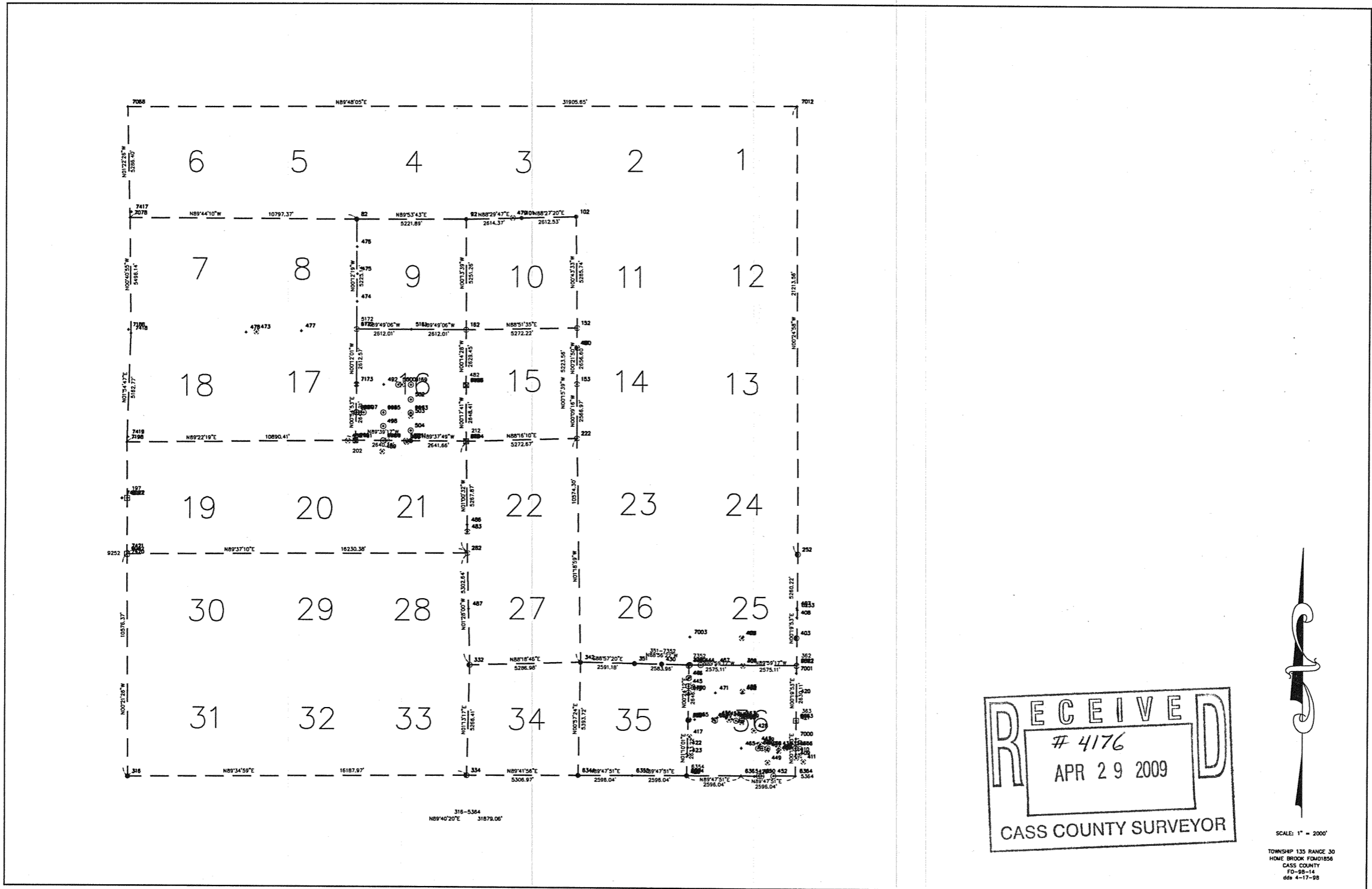
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7404	225347.0510	502940.4230	0.0000,SPK FND
7406	227998.4400	502926.6560	0.0000,SPK FND
7417	236193.0860	486928.6710	1447.6500,PI vic NWS7
7418	230424.0130	486925.9210	1423.3800,PI vic NWS18
7419	225508.8300	486794.3150	1436.6000,PI vic NWS19
7420	219842.9650	486798.0260	1393.8000,PI vic NWS30
7421	220118.6800	486801.1380	1392.7200,PI vic NWS30
7422	222631.4840	486787.8630	1407.1800,PI vic W4S19
7423	222622.9960	486529.8730	1405.3000,PI vic W4S19
9163	227998.9260	502911.5640	0.0000,SM SET
9169	228015.7190	500286.0500	0.0000,DM SET
9197	222619.8070	486771.2590	0.0000,SM SET
9211	225367.5340	500283.3830	0.0000,IP FND
9252	219975.7100	486787.9170	0.0000,SM SET
9421	226707.8280	497664.4690	0.0000,DM SET
9423	226691.6640	500284.8160	0.0000,DM SET
9424	225375.5550	498963.4550	0.0000,DM SET



- IRON PIPE FOUND
- CAPPED IRON PIPE FOUND
- ✕ SPIKE FOUND
- DNR SURVEY MARKER SET
- DNR PROPERTY MONUMENT SET
- ⊙ SPIKE SET

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BUREAU OF ENGINEERING		MINNESOTA DEPARTMENT OF NATURAL RESOURCES	
Survey March '08	Designed	DIVISION OF FORESTRY	
Drawn APR 08	Drawn	WORKSHEET	
Checked	Checked	HOME BROOK TOWNSHIP	
Horz Datum NAD 1983	Vert Datum	CASS COUNTY NEAR PILLAGER	
Date	Administrator	Sec. 16 R. 135 N. R. 30 W.	Plan Sheet
		FO-98-14	FOM01856



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SCALE: 1" = 2000'
 TOWNSHIP 13S RANGE 30
 HOME BROOK F0401856
 CASS COUNTY
 FO-98-14
 dds 4-17-98