STATE OF IOWA, COUNTY OF BLACK HAWK, SS: I, Judith A. McCarthy, Recorder of said County, hereby certify that this is a true copy of the official document as recorded in the Recorder's Office in Book and Page or Document No. 2013 00011225

2-19-13 Judith A. McCarthy, County Recorder udith a. Mr. Carthy (DATE) (Recorder)

Doc ID: 005066370003 Type: GEN Kind: CORNER Recorded: 02/18/2013 at 10:58:28 AM Fee Amt: \$17.00 Page 1 of 3 Black Hawk County Iowa JUDITH A MCCARTHY RECORDER

F110 2013 - 00017225

Zeb J. Stanbrough PLS, Ryken Engineering, 739 Park Avenue, Ackley, Iowa 50601 - Ph. 641-847-3273 - Fax 641-847-2303

UNITED STATES PUBLIC LAND SURVEY CORNER CERTIFICATE

Land Survey Monuments situated in Section , Township 30 North, West, of the Fifth Principal Meridian, Black Hawk County, Iowa,

Previously recorded in

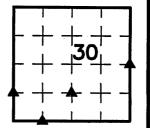
(see below)

in County Recorder's Office

E¼ Cor. - #2008016233 SW Cor. SE½ FrSW¼ - Not Applicable

NW Cor. FrS½ FrSW¼ - Not Applicable NE Cor. FrS½ FrSW¼ - Not Applicable

These corners were used for a survey in this section for Alen H. Nagel, Jeremie H. Nagel and Rebecca Nagel and not recorded at the date of survey, which was recently brought to this surveyor's attention. Basis of bearing for this corner cert. can be found on the associated plat of survey filed in the County Recorder's Office for this section.



BC = Nail with Bottle Cap
BP = Brace Post
CP = Corner Post
CMP = Corrugated Metal Pipe
CM = 4" Sq Concrete Monument with
1/2"ø iron rerod in center (tie to rerod)
CX = Cut 'X'
GP = Gate Post

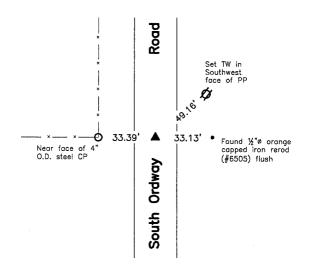
ID = Inside Diameter
OD = Outside Diameter
PP = Power Pole
PW = Nail with Plastic Washer
RCP = Reinforced Concrete Pipe
RH = Red Head (Nail in wire)
ROW = Right of Way
RW = Nail with Reflective Round Washer

R/W = Iron ROW Rail
SFP = Steel 'T' Post
SW = Nail with Square Metal Washer
TP = Telephone Pedestal
TW = Nail with Round Metal Washer
WFP = Wood Fence Post
X = X Nails



NW Cor. FrS1/2 FrSW1/4

Legend



NW Cor. FrS½ FrSW¼ - History of Corner = 1995, May 15 - County Recorder's Miscellaneous Book 315, Page 725 indicates usage of corner but not type of monumentation at corner by Paul H. Helland.

Previous and current County Engineer's ties do not indicate that corner is monumented.

Searched a 10.0'ø area around the equidistance point between the SW Corner and the W_4 Corner with metal detector, excavated 1.0'ø x 0.3' deep hole and found 1" 0.D. x 2.0' iron pipe (bent), 0.2' deep. Tied out straight portion of pipe, removed, searched area again with metal detector and found no nothing. Searched with tile probe down at pipe location to 4.0' \pm deep and found nothing. Monument found is in apparent centerline of traveled surface of gravel road North—South and $2.0'\pm$ South of fenceline West. Corner appears to have been established using accepted PLSS methods. Therefore, set a $\frac{3}{4}$ " \times 4.0' aluminum capped iron rerod (#19957), deep at pipe location to perpetuate monumentation and used rerod as the correct corner. All ties are plumb distance unless indicated otherwise.

This certificate is being prepared because there are no certificates on file for this corner.



I hereby certify that this land surveying document was prepared and the related survey work was performed by me or under my direct personal supervision and that I am a duly licensed Land Surveyor under the laws of the State of Iowa.

13 PUS

Zeb J. Stanbrough, PLS
Date: 2-14-2013 License number: 19957

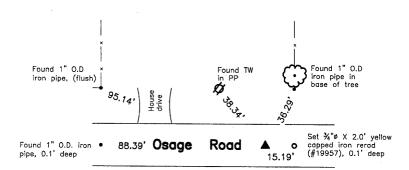
My license renewal date is December 31, 2013

Pages or sheets covered by this seal: 1, 2, & 3

<u>Co</u> 1	rners to be	Indexed	
Corners	Section	Twp	Range
NW Cor. FrS½ F SW Cor. SE¼ Fr E¼ Cor. NE Cor. FrS½ F	SW¼ 30 30	T89N T89N T89N T89N	R11W R11W R11W R11W

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SW Cor. SE¼ FrSW¼



SW Cor. SE¼ FrSW¼ - History of Corner = 1916, Apr. 6 - "S" per County Auditor's Surveyor's Record Book 1, Page 66.

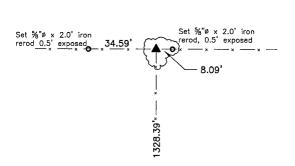
Previous and current County Engineer's ties do not indicate that corner is monumented.

Searched a 10.0'ø area around a point at record distance from the S½ Corner (per 1916 survey) with metal detector, excavated 1.0'ø x 0.5' deep hole and found 1" 0.D. iron pipe, 0.2' deep. Searched with tile probe on all sides of pipe to 4.0'± deep and found nothing. Monument found is in apparent centerline of traveled surface of gravel road East—West. Location of monument found matches that of record and corner appears to have been established using accepted PLSS methods. Therefore, used pipe as the correct corner. All ties are plumb distance unless indicated otherwise.

This certificate is being prepared because there are no certificates on file for this corner.

NE Cor. FrS1/2 FrSW1/4

Center - Found 3" O.D. steel fence corner post Doc. #2010-00019758



S¼ Corner — Found 4" x 4" Brass Capped Concrete Monument, 0.4' deep — Doc. #2009—00012548

NE Cor. FrS $\frac{1}{2}$ FrSW $\frac{1}{4}$ — History of Corner = No available records indicate that corner was ever monumented.

Corner Recovery =

Searched a 10.0'ø area around the equidistance point between the S¼ Corner and the Center with metal detector and found nothing. Excavated a 3.0'ø x 2.0' deep hole at said equidistance point and found a $1\frac{1}{2}$ " (North-South) x 8" (East-West) x 5" tall cut limestone, 1.5' deep (upright and well nested) under a large granite rock pipe. Tied out high point limestone, removed and found no other monumentation. Monument found is in-line with fencelines South-East-West and 1.0'± North of broken corner post for fence South. Although, there is no record of limestone at this corner, limestone is a typical and uncommon stone in this section, this limestone is different to the other stones in this area and limestones are known survey monuments for section corners. Therefor set a ¾"ø x 4.0' aluminum capped iron rerod, (#19957), 1.0' expossed at high point of limestone location to perpetuate monumentation and used rerod as the correct corner. All ties are plumb distance unless indicated otherwise.

This certificate is being prepared because there are no certificates on file for this corner.

<u>Legend</u>

BC = Nail with Bottle Cap
BP = Brace Post
CP = Corner Post
CMP = Corrugated Metal Pipe
CM = 4" Sq Concrete Monument with
1/2"ø iron rerod in center (tie to rerod)
CX = Cut 'X'
GP = Gate Post

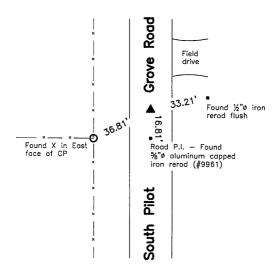
ID = Inside Diameter
OD = Outside Diameter
PP = Power Pole
PW = Nail with Plastic Washer
RCP = Reinforced Concrete Pipe
RH = Red Head (Nail in wire)
ROW = Right of Way
RW = Nail with Reflective Round Washer

R/W = Iron ROW Rail R/W = IFON ROW ROII SFP = Steel 'T' Post SW = Nail with Square Metal Washer TP = Telephone Pedestal TW = Nail with Round Metal Washer WFP = Wood Fence Post X = X Nails

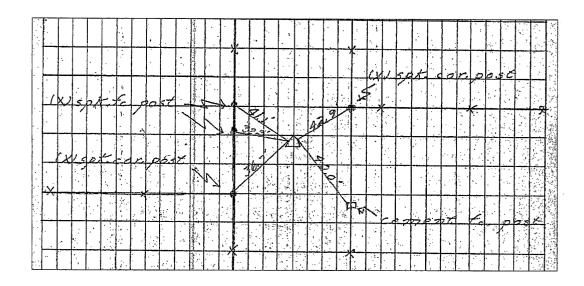
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E¼ Cor.



County Engineer's Record WPA Ties



E¼ Cor. - History of Corner =

County Engineer's WPA Cornerstone ties Township 89 North, Range 11 West, Book 2, Page 22 indicates usage of corner but not type of monumentation with ties as shown above.

"Ref to stone WPA Mon 17.1 Ahead" per County Engineer's Field Book 216, Pages 35—44.

"FOUND 2.0 INCH IRON PIPE, 1.7 FEET BELOW...SET NO. 5 REBAR WITH 2.0 INCH ALUMINUM CAP, 0.3 FEET BELOW..." 1939, Aug. 28 -

1941, Sep. 23 -

2008, Feb. 7 -

by Kirk D. Eschliman per County Recorder's Doc. #2008016233.
"FOUND NO. 5 REBAR w/ALUMINUM CAP #9961" by Jeffrey P. Helland per County Recorder's Doc. #2010-00019244.
"FOUND NO. 5 REBAR w/ALUMINUM CAP #9961" by Jeffrey P. Helland per County Recorder's Doc. #2010-00019758. 2010, Apr. 16 -2010, Apr. 22 -

County Engineer's previous ties indicate that corner is monumented with:

"Dug & Found nothing. Established Cor by chaining and use of Transit. Ran a line from the West Cor. & Sec. 30 also from the S.E. Cor. Sec. 30. Chained from the Ctr. of Sec. 29 (2658.0') 2652.6' from the Ctr. of 30. 2649.1' from SE Cor. 30 and 2649.1' from NE Cor. Sec. 30, Set C.M. 12" deep at point established" on Aug. 28, 1939.

"Concrete Manument" 'Concrete Monument'

"Pipe Set By County"

Corner Recovery =

Searched 10.0'ø area around a point at previously recorded tie distances (per County Recorder's Doc. #2008016233) with metal Searched 10.0'ø area around a point at previously recorded tie distances (per County Recorder's Doc. #2008016233) with metal detector, excavated a 1.0'ø x 0.5' deep hole and found a %"ø aluminum capped iron rerod (#9961), 0.5' deep. Searched on all sides of rerod with tile probe to 4.0'± deep and found nothing. Did no use rerod as correct corner as rerod does not match record distance from a magnetic reading at the SE Corner, but does match location and historical information for Road P.I. per County Engineer's Field Book 216, Pages 35-44. Therefore, excavated a 2.5'ø x 2.2' deep hole at a point 17.1 feet north of said rerod and online from magnetic reading at the SE Corner through Road P.I. and found 4" x 4" Concrete Monument with brass disc on top, 2.1' deep with 2" x 1" wood hub, 1.9' deep on North side of Concrete Monument. Concrete Monument is in apparent centerline of traveled surface of gravel road North-South and 17.0'± North of fenceline West. Location of concert monument found matches that of record, concrete monument found matches that of record, and one record tie is within reason. Therefore, set a ¾"ø x 1.7' aluminum capped iron rerod (#19957) on center of brass disc in Concrete Monument to raise up monumenation as used it as the correct corner. Also, placed a pink plastic cased magnet on North side of Concrete Monument below top for locating purposes only. correct corner. Also, placed a pink plastic cased magnet on North side of Concrete Monument below top for locating purposes only. 34" ø iron rerod is 0.3' deep. All ties are plumb distance unless indicated otherwise.

This certificate is being prepared because there is a change to monumentation of record and a position different than that of record was accepted.

<u>Leaend</u>

BC = Nail with Bottle Cap BP = Brace Post CP = Corner Post

CMP =

CMP = Corrugated Metal Pipe
CM = 4" Sq Concrete Monument with
1/2"ø iron rerod in center (tie to rerod)
CX = Cut 'X'

= Cut 'X' = Gate Post

ID = Inside Diameter
OD = Outside Diameter
PP = Power Pole
PW = Nail with Plastic Washer
RCP = Reinforced Concrete Pipe
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