

Doc ID: 00499000001 Type: GEN Kind: CORNER Recorded: 12/04/2012 at 02:53:28 PM Fee Amt: \$0.00 Page 1 of 1 Black Hawk County Iowa JUDITH A MCCARTHY RECORDER

File 2013-00011409

*BLACK HAWK COUNTY ENGINEERS OFFICE PREPARED BY:

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SLSI 9-94 BHC0 03-09

UNITED STATES PUBLIC LAND SURVEY CORNER CERTIFICATE OF

23 __ , Township<u>87 N</u> Land Survey Monuments situated in Section__ Range 14 W, of the Fifth Principal Meridian, BLACK HAWK County, Iowa.

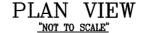
Previously recorded in File 2007, Page 020829, in County Recorder's Office.

(Show reason for preparing this certificate): The corner monument has been Replaced or Modified, per Ia. Code 355.11(1)(c)

(Evidence and detailed procedures used in establishing the corner position(s) and monumentation found or placed.)

Monument Description and Remarks: N. 1/4 CORNER:

CORNER RESET FOR COLD-IN-PLACE RECYCLE & H.M.A. RESURF. PROJECT LFM-503--7X-07. PRIOR TO RESURF, PROJECT, FOUND 3/8" PIN FROM CURRENT CORNER CERT. OF RECORD AND TEMP. REF. CORNER LOC. PER TRK GPS. AFTER 4" DEEP MILL & RECYCLE COURSE, NO SOUNDING REMAINED AND NO EXCAVATION DONE @ LOCATION. AFTER +3" H.M.A. RESURF. COURSE, RESET CORNER WITH 5/8" (#5) x ±8"L REBAR LOCATED @ ±0.15" SOUTH OF H.M.A. JOINT AND ALIGNED WITH FENCE LINE TO NORTH.



BHco Hist. Ties: <u>BK. #1000 p. 23 T87-R14</u> FIELD BOOK: Ties per Topcon 7003i #Z0115

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R 14 W

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(Show a minimum of three reference ties to durable physical objects, relevant monuments and physical conditions that will enable recovery of the corner.)

_AG. CROPS-

(50,00' BH (50,40'

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Oj

±16′ +

SET #5 X ±30" LONG REBAR @ ± TOP OF BACKSLOPE FLUSH

w/GROUND.

(w/T-POST)

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-±314

(50.8°, (51.7

TIES PER EDM MEASURE IN EITHER PRISM "OR" NON-PRISM MODE, WHILE UTILIZING "INDIRECT" MEASURE, WITH ALL DISTANCES PLUMB/HORIZ. (HD), UNLESS DENOTED. 1.>

SECTION LINE MEASURE REFERS TO "LOCAL GROUND" DIST. AND INCLUDES ELLIPSOID (COMBINED) SCALE FACTOR FROM S.P.C. GRID INVERSE (AS OBSERVED), PER AVG. SCALE FACTOR = 1.000080238400 @ GPS Mon. #19.

FND. PETROLEUM PIPELINE WARNING POST. UTIL. S.E. FACE OF POST @ MIDDLE OF "RED" BAND ON POST @ ±4.0' HT.

SECT. 22-T87-R14 (Calculated Nov. 2007, <u>NOT</u> per 2007-020829)
<u>REF. DETAIL "A" BELOW</u>

PHYS, CL SECT. LINE

2629,83' (M.) (vs. 2630,4' WPA 1938 & 2631.01' IaDOT 1970>

UTIL. N.E. FACE OF POST @ MIDDLE OF "WHITE" BAND ON POST @ ±4.7' HT. (PETROLEUM PIPELINE WARNING POST)

-AG, CROPS-S.P.C., la. N. Zone, USft N = 3589021.78

CONVERGENCE = 0° 42' 51"

E = 5206126.17(NAD83-NSRS2007 "BHco07", RTK OBS.)

_ACI CROPS UTIL. FND. "X" NAILS @ TOP OF COR. POST. (LEANING TO WEST).

UTIL, FND. "X" NAILS @ S. FACE BRACE POST @ ±0.8' HT.

2639.79' (M.) (vs. 2640.5' WPA 1938)

EAGLE RD. (H.M.A.)

179°55′39*(M.)

N.E. COR. SECT. 23-T87-R14 (per Recorded Cert.)

SET #5 X ±30" LONG REBAR @ ± TOP OF BACKSLOPE FLUSH w/GROUND.

FIELD SURVEY: S.S. & V.S. 6/27/12 PREPARED BY: S.S. & G.T. 12/4/12

(w/T-POST)

<u>CERTIFICATION</u>



CL_

SECT. LINE

DETAIL

Ī.0′

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.

12/04/2012

15748

My license renewal date is December 31, 2012

Pages or sheets covered by this seal:

This Land Corner Certificate Only

LIST CORNERS TO BE INDEXED

Corner	<u>Section</u> -	<u>Township</u> –	<u>Range</u>
N. 1/4 Cor.	23	87 N	14 W
S. 1/4 Cor.	14	87 N	14 W

INDEX OF ABBREVIATIONS

"Measured" Dimension
"Platted" Dimension
"Record" Dimension
"Calculated" Dimension

Dimension

"NP" = Reflectorless EDM Meas.
"MLM" = Indirect Measure
"CM" = Concrete Monument
"SM" = Survey Marker Spike/Tag
"PK" = PK/MAG Nail Brand Style

= lowa Geodetic Survey

= Works Progress Admin. Survey

per George Miller Survey (BHco Surveyor 1858-1860)

per John Ball Survey (BHco Surveyor 1866-1891)

per Nathan Barber Survey (BHco Surveyor 1908-1931)