

004990070001 Type: GEN Doc ID: 004990070001 Type: GEN Kind: CORNER Recorded: 12/04/2012 at 02:56:38 PM Fee Amt: \$0.00 Page 1 of 1 Black Hawk County Iowa JUDITH A MCCARTHY RECORDER

File 2013-00011416

PREPARED BY: *BLACK HAWK COUNTY ENGINEERS OFFICE WATERLOO, IOWA 50703 316 E. FIFTH STREET, ROOM 211

PH.# (319) 833-3008 FAX.# (319) 833-3139

UNITED STATES PUBLIC LAND SURVEY CORNER CERTIFICATE OF

Land Survey Monuments situated in Section_ 21 Township 87 N

<u>13 W</u>, of the Fifth Principal Meridian, <u>BLACK HAWK</u> County, Iowa. Previously recorded in Misc Book 2005, Page 10196, 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-PRIDE TO RESURF, PROJECT, FOUND #5 (5/8") REBAR PER CURRENT RECORD AND TEMP, REF. COR. LOCATION PER RTK GPS. AFTER 4" DEEP MILL & RECYCLE COURSE, NO SOUNDING REMAINED & NO EXCAVATION DONE @ LOCATION. AFTER +3" H.M.A. RESURF, COURSE, RESET CORNER WITH 5/8" (#5) x ±8"L REBAR LOCATED @ ±0.3' SOUTH OF H.M.A. JOINT AND ± ALIGNED WITH EXISTING FENCE LINE TO SOUTH.

PLAN VIEW

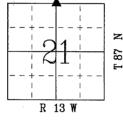
BHco Hist. Ties: <u>BK. #1000 p. 21 T87-R13</u> FIELD BOOK: Ties per Topcon 7003i #Z0115

"NOT TO SCALE"

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

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

_AG. CROPS





UTIL. FND. "X" NAILS @ S.E. FACE P.P. @ ±2.7' HT.

SET CUT "X" @ TOP 42"Ø R.C.P. APRON.

UTIL, FND, "X" NAILS @ S.W. FACE P.P. @ ±2.5′ HT.

N.E. COR. SECT. 20-T87-R13 Updated Cert.)

179°45′41**"**(M)

2629.00' (vs. 2630.5' WPA

N.E. COR. SECT. 21-T87-R13 (per 2007-27126)

EAGLE RD. (H.M.A.) 2625.67' (M.)

SET CUT "X" @ TOP 42"Ø R.C.P. APRON. (RECORD TIES NOT FND. PER UPDATED R.C.P.>

5.21' BHCO R 1.26' R.) 36.73'

S.P.C., la. N. Zone, USft

N = 3589343.79

E = 5227509.62

15748

* IOWA *

(NAD83-NSRS2007 "BHco07", RTK OBs.) - P.C.

(50, UTIL. FND. "X" NAILS @ N. FACE COR. FNC. POST @ ±1.7' HT.

35.35

FND. "X" NAILS @ W. FACE BRACE POST, PER CUR. TIES. (POST DISTURBED & NOT UTIL.)

FIELD SURVEY: ____ S.S. & V.S. 6/27/12 PREPARED BY: S.S. & G.T. 11/26/12

<u>CERTIFICATION</u>

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. LAND GEOFFRY ev fra y Allen Tinker TINKER

12/04/2012

15748 License Number

2012 My license renewal date is December 31,_

Pages or sheets covered by this seal:

This Land Corner Certificate Only

LIST CORNERS TO BE INDEXED

Corner Section -<u>Township</u> Range 21 N. 1/4 Cor. 87 N 13 W S. 1/4 Cor.

INDEX OF ABBREVIATIONS

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