

Doc ID: 004586440001 Type: GEN Kind: CORNER Recorded: 09/26/2011 at 02:50:06 PM Fee Amt: \$0.00 Page 1 of 1 Black Hawk County Iowa JUDITH A MCCARTHY RECORDER

File 2012-00005433

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

WATERLOO, IOWA 50703

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SLSI 9-94 BHCO 03-09

UNITED STATES PUBLIC LAND SURVEY CORNER CERTIFICATE OF

Land Survey Monuments situated in Section___ 18 __, Township<u>87 N</u> Range 11 W, of the Fifth Principal Meridian, BLACK HAWK County, Iowa. Previously recorded in Misc Book 328, Page 094, 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.E. CORNER:

CORNER RESET FOR COLD-IN-PLACE RECYL. & H.M.A. RESURF. PROJECT LFM-121--7X-07.
PRIDR TO RESURF. PROJECT, FOUND 5/8" REBAR PER CURRENT RECORD AND TEMP. REF.
COR. LOCATION PER RTK GPS. AFTER 4" DP. MILL (REVICLE), FOUND 5/8" SMOOTH STEEL PIN \times 6"L, @ \pm RTK REFERENCED LOCATION (LAYING ON SIDE). REMOVED AND EXCATO -0.30' DEEP WITH NO SOUNDING REMAINING & NO FURTHER EXCAVATION, PVMT. REMOVED AND EXCAVATED RESURFACED w/+3" H.M.A. SURFACE COURSE, THEN RESET CORNER WITH 5/8" (#5) x 6"L REBAR ALIGNED w/ ±C.L. S.R. INTERSECTION E/W. DELF. (CORNER) ANGLE DENOTED FOR SECTION LINE TO N./S. PER COGO OF RTK GPS MEAS. CORNERS (AS OBSERVED).

PLAN VIEW

BHco Hist. Ties: <u>BK. #1000 p. 18 T88-R11</u> FIELD BOOK: Ties per Topcon 7003i #Z0115

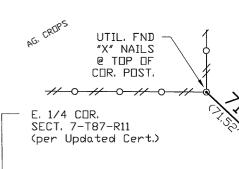
"NOT TO SCALE"

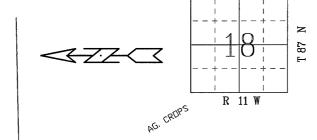
(Show a minimum of three reference ties to durable physical objects, relevant monuments and physical conditions that will enable recovery of the corner.)

ED.

TIES PER EDM MEASURE IN EITHER PRISM 1.> "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 = 1.000079092076. 2.)





ELECTRIC BOX

> 1/4 COR. SECT. 18-T87-R11 —— (per Updated Cert.)

2605,88' (M) (WPA N/A)

178°55′00″(M)

SET CUT "X" @ TOP OF 24" R.C.P. AG, CROPS

2645,88' (M) (vs. 2645.0' WPA)

S.P.C., la. N. Zone, USft N = 3595305.17

E = 5282843.94

Grid Scale Factor = 0.99996017 Convergence = 0° 54' 24"

(NAD83-2007 "BHco07", RTK Obs.)

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ELECTRIC BOX

@ NORTH FACE P.P. (RECORD "X" NAILS NOT FOUND, PER UPDATED POLEX

SET PK w/WASHER

FIELD SURVEY: G.T., S.S., & T.K. 8/01/11 PREPARED BY: L.G., S.S., & G.T. 9/26/11

<u>CERTIFICATION</u>

CANFIELD RD.

(H.M.A.)



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.

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My license renewal date is December 31, 2012

Pages or sheets covered by this seal:

This Land Corner Certificate Only.

LIST	CORNERS	TO BE IN	<u>NDEXED</u>	
<u>Corner</u>	<u>Section</u>	- <u>Town</u>	ship –	<u>Range</u>
N.E. Cor.	18	87	N	11 W
N.W. Cor.	17	87	N	11 W
S.E. Cor.	7	87	N	11 W
S.W. Cor.	8	87	N	11 W
	INDEX OF	ABBREVIATI	ONS	
(M) = "Measured" Dimension "NP" = Reflectorless EDM Meas.				

= "Measured Dimension "MLM" = Indirect Measure
 "Record" Dimension "CM" = Concrete Monumen
 "Calculated" Dimension "SM" = Survey Marker Spi.
3" = Iowa Geodetic Survey
"A" = Works Progress Admin. Survey
 per George Miller Survey (BHco Surveyor 1858-1860)
 per John Ball Survey (BHco Surveyor 1908-1931)
 per Nathan Barber Survey (BHco Surveyor 1908-1931) "MLM" = Indirect Measure
"CM" = Concrete Monument
"SM" = Survey Marker Spike/Tag
"PK" = PK/MAG Nail Brand Style