

Doc ID: 005603790001 Type: GEN Recorded: 10/22/2014 at 02:15:44 PM Fee Amt: \$0.00 Page 1 of 1 Black Hawk County Iowa JUDITH A MCCARTHY RECORDER

File 2015-00007013

PREPARED BY:

BLACK HAWK COUNTY ENGINEERS OFFICE 316 E. FIFTH STREET, ROOM 211

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 90 N Range 11 W, of the Fifth Principal Meridian, BLACK HAWK County, Iowa.

Previously recorded in MISC. Book 319, Page 977, 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. COR.

CORNER RESET & TIES UPDATED FOR H.M.A. RESURF. PROJECT LFM-1307--7X-07. PRIOR
RESURF. PROJECT, FOUND 1/2" (#4) REBAR PER CURRENT RECORD AND TEMP. REF. COR.

LOCATION PER RTK GPS (IQRTN). AFTER 2" DP. MILL, NO SOUNDING REMAINED @ ± RTK PRIOR TO REFERENCE LOCATION, W/ NO FURTHER EXCAVATION. PVMNT. RESURFACED W/ +3.5" (2 INT. & 1.5" SURF.) H.M.A. PAVING. AFTER H.M.A. RESURFACE, RESET CORNER WITH 6" L. MAG SPIKE W/ MTL. WASHER (PLS #15748) LOCATED @ ± CENTERLINE H.M.A. JOINT AND ALIGNED WITH CENTERLINE OF PILOT GROVE ROAD.

BHco Hist. Ties: BK. #1003 p.18 90-11 Project Point #: 1009 PLAN VIEW 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 2.5 SECTION LINE MEASURE 1.) IN NON-PRISM MODE, WHILE UTILIZING 'INDIRECT'
MEASURE, WITH ALL DISTANCES PLUMB/HORIZ. REFERS TO "LOCAL GROUND"
DIST. AND INCLUDES ELLIPSOIDAL
(COMBINED) SCALE FACTOR FROM
S.P.C. GRID INVERSE (AS
DBSERVED), PER AVG. SCALE RES. ENTR. 90 (P.C.C.) (HD), AS DENOTED. FACTOR = 1.000097017623 RES. #8005 -AG. CROPS-R 11 GROVE (GRAVEL) FND. RED PLASTIC DISK MARKED "SURVEY WITNESS POINT" LOC. S.E. FACE P.P. @ ±3.2' HT. RUAD PILOT FND. "X" NAILS @ S.W. 179°59'45"(M.) FACE P.P. @ ±2.5' HT. CEDAR-WAPSI RD. 2639.83 2640.19 (M.)(M.) (vs. 2623.6 WPA 1941) (vs. 2640.5' WPA 1941) N. 1/4 CDR. 1/4 CDR. SECT. 17-T90-R11 SECT. 18-T90-R11 (per Updated Cert.) (per Updated Cert.) -AG. CROPS-FND. RED PLASTIC DISK MARKED "SURVEY WITNESS POINT" LOC. N.W. FACE 12" POST @ ± 3.5' HT.

## <u>CERTIFICATION</u>



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

CONVERGENCE = 0° 53' 41"

(NAD83-NA20II IARTN OBS.)

N = 3689429.35E = 5276542.50

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

RD

GROVE (GRAVEL)

PILOT

10/22/2014 Allen Geoffry Tinker (date)

15748 License Number

My license renewal date is December 31, 2014

Pages or sheets covered by this seal:

This Land Corner Certificate Only.

## LIST CORNERS TO BE INDEXED

S.S. & G.T.

S.S.

Corner	Section -	Township -	- Range
N.E. Cor.	18	90 N	11 W
N.W. Cor.	17	90 N	11 W
S.E. Cor.	7	90 N	11 W
S.W. Cor.	8 INDEX OF ABB	90 N REVIATIONS	11 W

FIELD SURVEY:

PREPARED BY:

06/20/14

10/21/14