

<u>00</u>4586450001 Type: GEN Doc ID: 004 Kind: CORNER RING: CORNER
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Fee Amt: \$0.00 Page 1 of 1
Black Hawk County Iowa
JUDITH A MCCARTHY RECORDER

F1102012-00005434

PREPARED BY: *BLACK HAWK COUNTY ENGINEERS OFFICE PH.# (319) 833-3008 FAX.# (319) 833-3139 SLSI 9-94 BHCO 03-09 WATERLOO, IOWA 50703 316 E. FIFTH STREET, ROOM 211 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 095, 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: E. 1/4 CORNER CORNER RESET FOR COLD-IN-PLACE RECYL. & H.M.A. RESURF. PROJECT LFM-121--7X-07. PRIOR TO RESURF. PROJECT, FOUND 5/8" REBAR PER CURRENT RECORD AND TEMP. REF. COR. LOCATION PER RTK GPS. AFTER 4" DP. MILL (RECYCLE), EXCAVATED TO -0.90' DP. EXPLORE FAINT SOUNDING THAT REMAINED @ ± RTK REFERENCE LOCATION (w/ NOTHING FOUND). PVMT. RESURFACED w/ +3" H.M.A. SURFACE COURSE, THEN RESET CORNER w/ 5 (#5) x 6"L, REBAR JUST EAST (±0.06') DF C.L. H.M.A JNT. AND ALIGNED (±) WITH EXISTING FENCE TO EAST. PREV. RECORD TIES TO CULVER'S BOTH DISTURBED, AND ADDITIONAL "X" NAIL REF. TIE NOT FOUND. DELF. (CORNER) ANGLE DENOTED FOR SECTION LINE TO N./S. PER COGO OF RTK GPS MEAS, CORNERS (AS OBSERVED). BHco Hist. Ties: BK. #1000 p. 18 T87-R11 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 IN EITHER PRISM 1.) "OR" NON-PRISM MODE, WHILE UTILIZING
"INDIRECT" MEASURE, WITH ALL DISTANCES
PLUMB/HORIZ. (HD), UNLESS DENOTED. 87 AG, CROPS 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.) AG, CROPS R 11 W SET PK w/WASHER @ N. FACE DF UTIL. FND. "X" NAILS @ TOP BRACE POST. GATE POST. FIELD ENTR. CORNER SECT. 19-T87-R11 (per Updated Cert.) 179°40′40″ (M) Ŋ CANFIELD RD 2607,31′ (M) (H.M.A.) (vs. 2608.3' WPA) 2605,88' (M) ±37.5′ (WPA N/A) N.E. CORNER SECT. 18-T87-R11 (per Updated Cert.) 5 SET #5 REBAR × 30°L. @ ±2' EAST OF FIELD EDGE S.P.C., la. N. Zone, USft AG. CROPS N = 3592699.55AG. CROP E = 5282859.80SET PK Grid Scale Factor = 0.99996085 w/WASHER @ Convergence = 0° 54' 24" S. FACE P.P. G.T., S.S., & T.K. FIELD SURVEY: 8/01/11 (NAD83-2007 "BHco07", RTK Obs.) PREPARED BY: L.G., S.S., & G.T <u>CERTIFICATION</u> LIST CORNERS TO BE INDEXED 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. <u>Corner</u> Section -Township -<u>Range</u> E. 1/4 Cor. 87 N 11 W 18 W. 1/4 Cor. 17 87 N 11 W GEOFFRY INDEX OF ABBREVIATIONS TINKER "NP" = Reflectorless EDM Meas.
"MLM" = Indirect Measure
"CM" = Concrete Monument
"SM" = Survey Marker Spike/Tag
"PK" = PK/MAG Nail Brand Style 15748

2012

My license renewal date is December 31,_

This Land Corner Certificate Only

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IOWA