

004363070001 Type: GEN ID: 00-Ring: CURNEH
Recorded: 01/06/2011 at 02:01:59 PM
Fee Amt: \$0.00 Page 1 of 1
Black Hawk County Iowa
JUDITH A MCCARTHY RECORDER

File 2011-00013721



PH.# (319) 833-3008 FAX.# (319) 833-3139 BLACK HAWK COUNTY ENGINEERS OFFICE PREPARED BY: 316 E. FIFTH STREET, ROOM 211 WATERLOO, IOWA 50703 UNITED STATES PUBLIC LAND SURVEY CORNER CERTIFICATE OF , Township<u>88 N</u> Land Survey Monuments situated in Section\_ 15 Range 12 W, of the Fifth Principal Meridian, BLACK HAWK County, Iowa. Previously recorded in Fee Book 2003, Page 07847, 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.) Remarks: N.E. COR, 15 - T88 - R12: (vs. 22 error, 05/03/17 g.t.)
PRIOR TO 2009 H.M.A. RESURF. PROJECT. CORNER PREV. Monument Description and Remarks: FND. 5/8" REBAR AS DENOTED, RECOVERED TO ASSIST W/ RECOVERY OF CORNERS IN SECTION'S 9 & 16 OF SAID D. NORTH LINE OF N.E. 1/4 OF SAID SECT. NOT OBSERVE AFTER H.M.A. RESURF. PROJ., COR. NOW IN HMA POWIT. OF SAID SECT. NOT OBSERVED TOWNSHIP, PER CUR. RECORD. AND FOR HIST, REF. ONLY. APPROACH, BEING RESET #5 RBR. & ALIGNDED E.-W. C.L. RD. @ ±22.8' E. OF C.L. RAY. RD. CORNER ALSO PREV. REF. PER PLS #6505 FOR N.1/16E COR. FEE BK. 2003-36405.
NAL REF. TO C.L. RD. GEOM. NOTED WITH THIS CERT., AS FND. AND REPLACED PER ADDITIONAL REF. IQDOT AS-BUILT PLANS DTD. 1959 FOR PROJ. #F-1000(2). C.L. TANG. GEOM. DETAILED AS WITH ANY UPDATED X-TIES TO P.I.'s / LAND CORNER REF., P.O.T.'s AS DENOTED BHco Hist. Ties: BK. #1001 p.15 88-12 ALL DISTANCES PLUMB/HORIZ. NOTE: PLAN VIEW (H.D.), "UNLESS DENOTED". FIELD BOOK: BHco. #489 p.p. 1-2 "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.) E. 1/4 COR. 10-T88-R12 IaDOT ALUM. TIES PER EDM MEASURE IN EITHER 1.) N.E. COR. 15-T88-R12 FND. #5 REBAR @ 4" DEEP (IN GRAVEL) LOC. 1' EAST OF E. PREV. EDGE ACC FILLET & ALIGNED w/ P.C.C. JOINT TO WEST. PRISM "OR" NON-PRISM MODE, WHILE UTILIZING "DIRECT" MEASURE, WITH ALL DISTANCES PLUMB/HORIZ. (HD), MON. IN BR. 88 € DECK. UNLESS DENOTED WPA) SECTION LINE MEASURE REFERS TO "LOCAL GROUND" DIST. AND /8 RESET #5 NOW LOC. IN HMA/ACC S.R. INCLUDES ELLIPSOIDAL (COMBINED) SCALE FACTOR FROM S.P.C. GRID INVERSE (AS OBSERVED, PER AVG. R 12 W à PVMT. APPROACH. UTIL. P.K. (2638.8 638 UTIL. UTIL. P.K. w/ L.S. #3890 WASHER @ S.-S.E. FACE P.P. LOC. 56" HT. L.S. #3890 WASHER @ S.E. FACE P.P. LOC. SCALE FACTOR = 1.0000823320405) UTIL. P.K. w/ 180°11′ #3890 WASHER N.E. FACE P.P. LOC. 38" HT. 58" HT. o)<sub>e</sub> (M)  $\Rightarrow$ N N. S.S. N. 1/4 COR. 15-88-12 STD. WPA 180°00'00 (109.86 Dx (M./±) C.M. PER MISC. BK.\_ #344 p.899 (HIST. REF. ONLY) INDIAN CREEK RD. -P.C.C.-P.D.T <u> 22,83</u> INDIAN CREEK RD. #5 RBR. -Gravel-(2651.6' WPA) (RESET) 2649.38' (R. BHco.) 2649.28' (R. IDOT) M. M. 30% O € ROAD #297) UTIL. CUT @ TOP S. 30" R.C.P. 520.88 P.I. STA. 115+16.7 (PER F-1000(2)): DELTA = 1°13' RT. vs. 1°12'22' (M) D. = 0°12' T. = 304.2' (OLD HWY. EST. P.K. w/ STL WASHER @ W'LY. FACE P.P. 96.93 P.) \ 608.4 4 1776.65' (M) E. 1.63 P.I. RESET \*5 RBR. -RES. #4101-IaDOT) 28,650.01 (1778.0' 4 ŏ چَ کِم S.P.C., Ia. N. Zone, USft EST. P.K. w/ STL. WASHER @ W'LY. FACE P.P. N=3626985.13' P.D.T. STA, 97+38.7 per F-1000(2) RESET #5 RBR. (X-tie to Fnd. C.M. to S.E. @ 67.1′ (M) <u>vs.</u> 67.22′ 1959). E. 1/4 COR. 15-T88-R12 E=5266875.34' FILED FEE RK (NAD83-2007 FIELD SURVEY: G.T. & J.D. & M.C. 6/01/10 2003-023201 "BHco07", RTK Obs.) PREPARED BY: G.T. & T.K. & J.D. 1/6/11 (FND. #4 Rbr.) LIST CORNERS TO BE INDEXED <u>CERTIFICATION</u> LAND SUPPLY OF N <u>Corner</u> Section -Township Range 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 lowa. N.E. Cor. 15 88 N 12 W 88 N 12 W N.W. Cor. 14 S.E. Cor. 88 N 12 W 10 01/06/ GEOFFRY 11 88 N S.W. Cor. 2011 INDEX OF ABBREVIATIONS "NP" = Reflectorless EDM Meas.
"MI.M" = Indirect Measure
"CM" = Concrete Monument
"SM" = Survey Marker Spike/Tag
"PK" = PK/MAG Nail Brand Style "Measured" Dimension
"Platted" Dimension
"Record" Dimension
"Calculated" Dimension 15748 My license renewal date is December 31, 2012 "Calculated" Dimension s" = lowa Geodetic Survey "PK" = PK/MAG Nail Brai A" = 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 \* AWOI Pages or sheets covered by this seal: "WPA" This Land Corner Certificate Only.



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Black Hawk County Iowa
JUDITH A MCCARTHY RECORDER

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PREPARED BY:

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

WATERLOO, IOWA 50703 PH.# (319) 833-3008 FAX.# (319) 833-3139

UNITED STATES PUBLIC LAND SURVEY CORNER CERTIFICATE OF , Township<u>88 N</u> Land Survey Monuments situated in Section\_ 15 Range 12 W, of the Fifth Principal Meridian, BLACK HAWK County, Iowa. Previously recorded in Fee Book 2003, Page 07847, 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.) Remarks: <u>N.E. COR. 22-T88-R12:</u> PRIOR TO 2009 H.M.A. RESURF. PROJECT Monument Description and Remarks: FND. 5/8" REBAR AS DENOTED, RECOVERED TO ASSIST W/ RECOVERY OF CORNERS IN SECTION'S 9 & 16 OF SAID D. NORTH LINE OF N.E. 1/4 OF SAID SECT. NOT OBSERVE AFTER H.M.A. RESURF. PROJ., COR. NOW IN HMA POWIT. OF SAID SECT. NOT OBSERVED TOWNSHIP, PER CUR. RECORD. AND FOR HIST, REF. ONLY. APPROACH, BEING RESET #5 RBR. & ALIGNDED E.-W. C.L. RD. @ ±22.8' E. OF C.L. RAY. RD. BK. 2003-36405

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FILED FEE

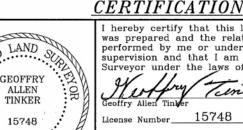
2003-023201

(FND. #4 Rbr.)

RK

FIELD SURVEY:

PREPARED BY:



(NAD83-2007

"BHco07", RTK Obs.)

GEOFFRY

\* AWOI

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 lowa. 01/06/ 2011

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	Section	-	Town	ship	-	Ran	ge
N.E. Cor.	15		88	N		12	W
N.W. Cor.	14		88	N		12	W
S.E. Cor.	10		88	N		12	W
S.W. Cor.	11		88	N		12	W
INDEX OF ABBREVIATIONS							
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G.T. & J.D. & M.C.

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6/01/10

1/6/11

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