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Black Hawk County Iowa
JUDITH A MCCARTHY RECORDER
Book 1080 Page 83418 - 83418
File 2010-0006275

PREPARED BY:

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SLSI 9-94 CERT 03-09

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UNITED STATES PUBLIC LAND SURVEY CORNER CERTIFICATE OF Land Survey Monuments situated in Section_____04____, Township___88 N_ Range 11 W, of the Fifth Principal Meridian, BLACK HAWK County, Iowa. Previously recorded in Fee Book N/A, Page N/A, 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 CDR. FOUND 2½ Ø IQDOT ALUM. CAP IN ACC CORE HOLE, WITH NO CURRENT CERTIFICATE ON RECORD. CLEANED CORE HOLE DOWN Dp. Thru exist. Acc overlay to pcc pavement, and **found** lead plug in pcc ement. Temp. Ref. w/RTK GPS (Two line w/wt. avg.), and milled 2" exist. acc rlay & added 5" h.m.a./a.c.c. overlay. Corner Reset with #5 (5/8") x ±7" L. PAVEMENT. REBAR PER RTK GPS REF., AND RETIED. LAND CORNER IS LOC. @ 0.8' NORTH OF NEW C.L. PAVING JOINT AND CORNER CALC.'S @ "1.64' NORTH" OF CALC.'ED TRUE CORNER (CLOSING) ONTO SOUTH LINE S.W. 1/4 OF SECTION 34-T89-R11, AS OBSERVED. IQDOT 1955 PAVING PLAN @ CORNER SHOWN FOR HISTORICAL REFERENCE REGARDING MONUMENTATION.

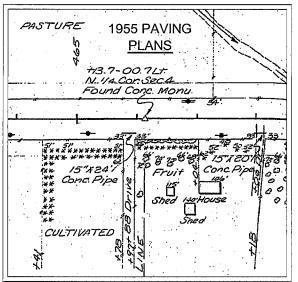
ALL DISTANCES PLUMB/HORIZ. NOTE: (H.D.), "UNLESS DENOTED".

PLAN VIEW

BHco Hist. Ties: BK. #1001 p.04 88-11 FIELD BOOK: <u>BHco. #488 p.46 (#1014)</u>

"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 PRISM AND NON-PRISM MODE, WHILE UTILIZING "INDIRECT" MEASURE. 1.)
- SECTION LINE MEASURE REFERS 2.) TO "LOCAL GROUND" DIST. AND INCLUDES ELLIPSDIDAL (COMBINED) SCALE FACTOR FROM S.P.C. GRID INVERSE (AS OBSERVED, PER AVG. SCALE FACTOR = 1.0000892480663)
 - IDOT = (IA. D.O.T.) 1955 PAVING PLAN #1049(1) REFERENCE.

SET MAG NAIL w/WASHER @ W-SW. FACE OF P.P. LOC. 26"



576.68' (M)

(vs. 573.65' WPA)

NO COR. REF PER IaDOT 1955 PAVING PLANS, w/FENCE TO N. DNLY.

R 11 W

2635.76' (M) (vs. 2636.6' IDOT) DUBUQUE RD. -D22- (A.C.C.) N.E. COR. SECT. 05-T88-R11 Per Update. S.P.C., la. N. Zone, USft

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

± C.L. RD. GEOM.

9 N EST. CUT "X" & @ EA. END DF TOP 18"Ø R.C.P EST. MAG NAILW/WASHER DRI

42.32'

0.8′ 女

2635.55′ (M)(vs. 2636.4' IDOT)

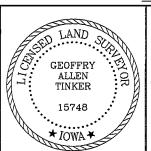
179°34'02"(M) (NORTH LINE'S OF 1/4's, SECT. 4)

1/4. C□R. SECT. 04-T88-R11 Per Update.

W. FACE P.P. @ 16" HT.

FIELD SURVEY: G.T. & J.Z. & D.B. 06/23/09 PREPARED BY: 9/23/09 G.T. & J.Z. & D.B

<u>CERTIFICATION</u>



N=3636695.616' E=5290203.240'

> 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. 23/2009

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2010 My license renewal date is December 31,__

Pages or sheets covered by this seal:

This Land Corner Certificate Only.

LIST CORNERS TO BE INDEXED

<u>Corner</u> <u>Section</u> -Township -Range N. 1/4 Cor. 88 N 11 W

INDEX OF ABBREVIATIONS

"ND" = Reflectorless EDM Meas.
"MLM" = Indirect Measure
"CM" = Concrete Monument
"SM" = Survey Marker Spike/Ta