



Doc ID: 004298400001 Type: GEN
Kind: CORNER
Recorded: 10/29/2010 at 03:29:32 PM
Fee Amt: \$0.00 Page 1 of 1
Black Hawk County Iowa
JUDITH A MCCARTHY RECORDER

File 2011-00008588

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 29, Township 88 N,
Range 12 W, of the Fifth Principal Meridian, BLACK HAWK County, Iowa.
Previously recorded in Fee Book 2005, Page 23274, 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
FOUND #5 (5/8") REBAR @ SURFACE OF EXIST. ACC. PER CURRENT RECORD. TEMP. REF.
CORNER PER RTK GPS PRIOR TO RESURFACING PROJECT, THEN MILLED 2" EXISTING ACC.
PAVEMENT AND ADDED 2" HMA SURFACE COURSE. AFTER RESURF. PROJECT, DRILLED 6"Ø
CORE HOLE TO FULL DEPTH, AND FND. ±5"L. x #5 STUB REBAR (BENT) IN CORE, WITH
SMALL PIECE (CUT) REMAINING IN W-SW SIDE OF CORE HOLE. RESET #5 (5/8") x 24" L.
REBAR, DURING FIRST ATTEMPT HIT SOLID OBJECT (REFUSAL). CUT 3" OFF THEN SET
FINAL CORNER WITH 21"L. x #5 REBAR WITH 2" ALUM. CAP. CORNER LOCATED ±2" SOUTH
OF C.L. HMA PAVING JOINT AND ALIGNED TO NORTH WITH "PHONE CABLE" SIGN REFERENCE.

PLAN VIEW

"NOT TO SCALE"

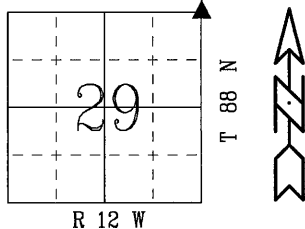
BHco Hist. Ties: BK. #1001 p.29 88-12

FIELD BOOK: BHco. #489 pp. 3-6

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

- 1.) TIES PER EDM MEASURE IN EITHER PRISM "OR" NON-PRISM MODE, WHILE UTILIZING "INDIRECT" MEASURE, WITH ALL DISTANCES PLUMB/HORIZ. (HD), UNLESS DENOTED.
- 2.) SECTION LINE MEASURE REFERS TO "LOCAL GROUND" DIST. AND INCLUDES ELLIPSOIDAL (COMBINED) SCALE FACTOR FROM S.P.C. GRID INVERSE (AS OBSERVED, PER AVG. SCALE FACTOR = 1.0000823320405)

-AGRICUL. LAND-



R 12 W

N. 1/4 COR. SECT.
28-T88-R12,
(per UPDATE)

W. 1/16 COR. (N.)
Loc. @ 0.43' S.
of N.1/4-N.1/4
Corner Defl.

EST. MAG. NAIL
w/ WASHER LOC.
N. FACE P.P. @
40" HT.

FND. WASHER
#16775 WOOD
FENCE POST.

179°20'09" (M)
N.1/4 to N.1/4
(vs. 179°21'33" WPA)

- E. WASHBURN RD. -
(A.C.C.)

2708.00' (M.)
(vs. 2707.5' WPA)

2598.65' (M.)
(vs. 2598.9' WPA)

1298.62' (M.)

N. 1/4 SECT.
29-T88-R12
(per UPDATE)

FND. L.S. TAG
#16775 @ N.-N.W.
FACE P.P. @ 38".

FND. L.S. TAG
#16775 @ N.W.
FACE P.P. @ 48".

WOVEN WIRE FENCE

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

N=3616260.36'

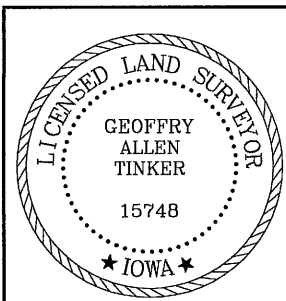
E=5256358.07'

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

FIELD SURVEY: G.T. & J.Z. 6/16/09

PREPARED BY: G.T. & T.K. 8/11/10

CERTIFICATION



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.

Geoffrey Allen Tinker 10/29/2010
Geoffrey Allen Tinker (date)

License Number 15748

My license renewal date is December 31, 2010

Pages or sheets covered by this seal:

This Land Corner Certificate Only.

LIST CORNERS TO BE INDEXED

Corner	Section	Township	Range
N.E. Cor.	29	88 N	12 W
N.W. Cor.	28	88 N	12 W
S.E. Cor.	20	88 N	12 W
S.W. Cor.	21	88 N	12 W

INDEX OF ABBREVIATIONS

(M) = "Measured" Dimension
(P) = "Platted" Dimension
(R) = "Record" Dimension
(C) = "Calculated" Dimension
(G) = Iowa Geodetic Survey
(WPA) = Works Progress Admin. Survey
"Ø" = per George Miller Survey (BHco Surveyor 1858-1860)
"6" = per John Ball Survey (BHco Surveyor 1866-1891)
"N" = per Nathan Barber Survey (BHco Surveyor 1908-1931)
"NP" = Reflectorless EDM Meas.
"MLM" = Indirect Measure
"CM" = Concrete Monument
"SM" = Survey Marker Spike/Tag
"PK" = PK/MAG Nail Brand Style