



Doc ID: 004298420001 Type: GEN
Kind: CORNER
Recorded: 10/29/2010 at 03:29:48 PM
Fee Amt: \$0.00 Page 1 of 1
Black Hawk County Iowa
JUDITH A MCCARTHY RECORDER
File **2011-00008590**

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 27, Township 88 N,
Range 12 W, of the Fifth Principal Meridian, BLACK HAWK County, Iowa.
Previously recorded in Misc. Book 337, Page 916, 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 CORNER FOUND #5 REBAR WITH
ALUM. CAP, PER CURRENT RECORD. THE NORTH LINE OF SECTION AS DETAILED IN B.H. CO.
ENGINEER'S 1973 PAVING PLANS DENOTE CORNER 7.8' N. & 2.9' E. OF C.L. RD. P.I. (ALSO
AS REF. IN CO. ENG. FIELD BK. 314 P.77). CORNER TEMP. REF. WITH RTK GPS PRIOR TO
RESURFACING PROJECT. EXIST. ACC MILLED 2" DEEP, WITH 2" HMA SURFACE COURSE
ADDED. DUE TO THIN RESURFACING PROJECT, CORED 6"Ø HOLE TO ±3-1/2" DEEP AND
FND. BENT #5 x 9"L. REBAR & REMOVED. RESET #5 x 12"L. REBAR WITH NEW 2"Ø ALUM.
CAP @ ±1" BELOW EXIST. ACC/HMA SURFACE. RECORD P.I. WAS ALSO REFERENCED PRIOR
TO RESURF. PROJECT, AND UPDATED AS DENOTED BELOW.

PLAN VIEW

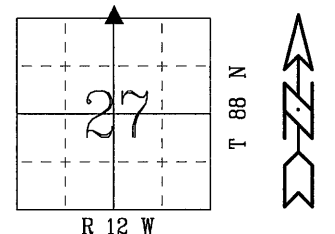
"NOT TO SCALE"

BHco Hist. Ties: BK. #1001 p.27 88-12

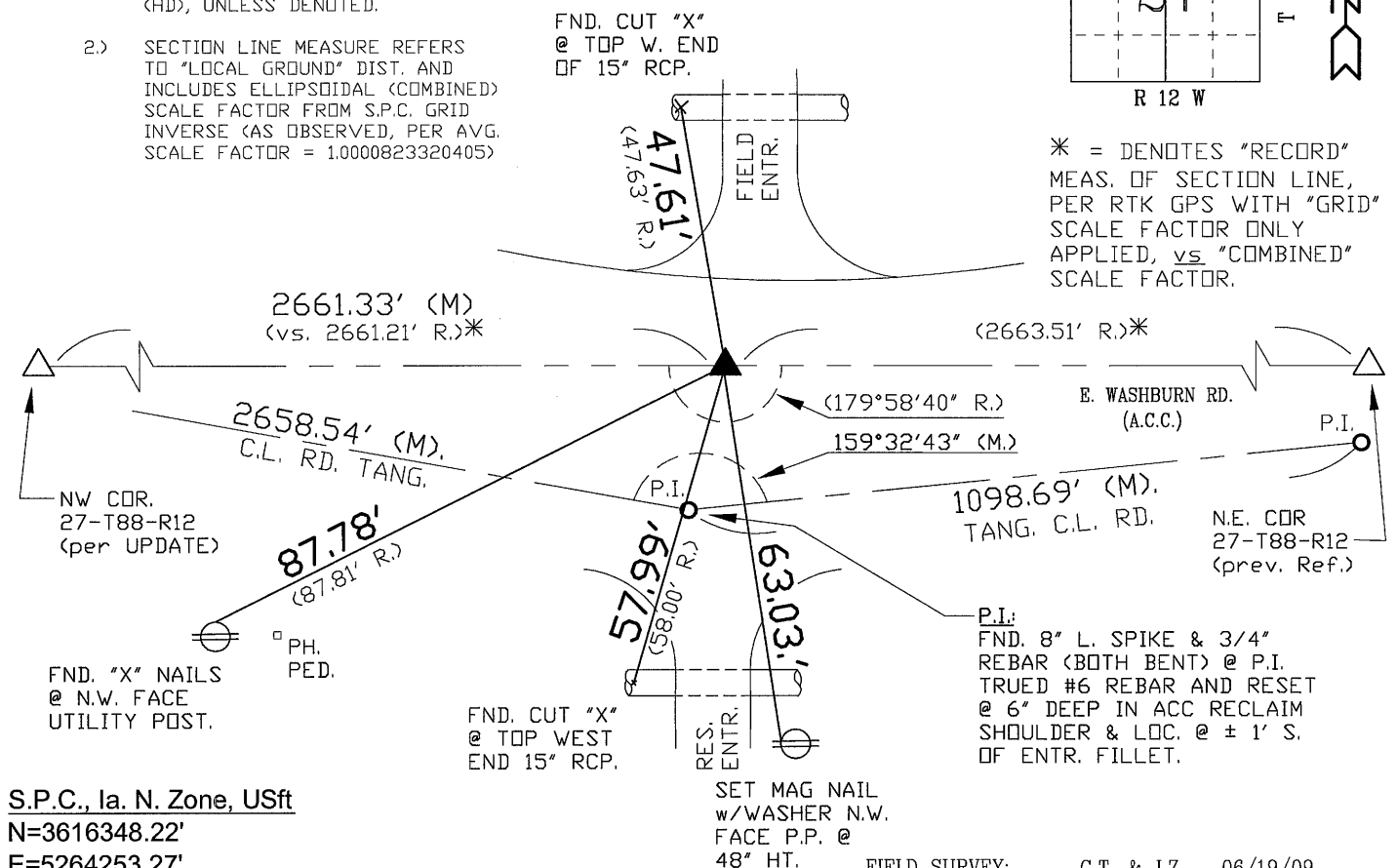
FIELD BOOK: BHco. #489 pp. 3-6

(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)



* = DENOTES "RECORD" MEAS. OF SECTION LINE, PER RTK GPS WITH "GRID" SCALE FACTOR ONLY APPLIED, vs "COMBINED" SCALE FACTOR.



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

N=3616348.22'

E=5264253.27'

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

FIELD SURVEY: G.T. & J.Z. 06/19/09

PREPARED BY: G.T. & T.K. 8/11/2010

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.
	<i>Geoffrey Allen Tinker</i> 10/29/2010 Geoffrey Allen Tinker (date)
	License Number <u>15748</u>
	My license renewal date is December 31, <u>2010</u>
	Pages or sheets covered by this seal: <u>This Land Corner Certificate Only.</u>

LIST CORNERS TO BE INDEXED

Corner	Section	Township	Range
N. 1/4 Cor.	27	88 N	12 W
S. 1/4 Cor.	22	88 N	12 W

INDEX OF ABBREVIATIONS

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