



Doc ID: 004991570001 Type: GEN
Kind: CORNER
Recorded: 12/05/2012 at 01:42:33 PM
Fee Amt: \$0.00 Page 1 of 1
Black Hawk County Iowa
JUDITH A MCCARTHY RECORDER

File 2013-00011527

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 17, Township 90 N,
Range 14 W, of the Fifth Principal Meridian, BLACK HAWK County, Iowa.
Previously recorded in Misc 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: E. 16th CORNER (N.)
NO CURRENT CERTIFICATE OF RECORD FOR CORNER AND CORNER NOT FOUND PRIOR TO H.M.A.
RESURF. PROJECT LFM-503--7X-07. HOWEVER, EXISTING CORNER DETAILED PER BHCO
HIST. TIES (AS DENOTED), YET NO TIES REMAIN. CORNER RE-ESTABLISHMENT WAS HELD
ON NORTH LINE OF N.E. 1/4 SAID SECTION AND CALCULATED AT 1332.67' (FROM N. 1/4 COR.
SAID SECTION 17) PER LOCATION FROM REMNANT WEST R.O.W. FENCE FOR SIDE ROAD SOUTH.
AFTER 1.5' DEEP MILL & REFILL w/INTERMED. COURSE H.M.A. AND +1.5' H.M.A. RESURF.
COURSE, SET CORNER WITH 5/8" x 1/2" L. REBAR LOCATED @ ±0.3' NORTH OF H.M.A. JOINT
AND ALIGNED WITH (±) CENTERLINE EXISTING SIDE ROAD (VAN WERT RD.) TO SOUTH.

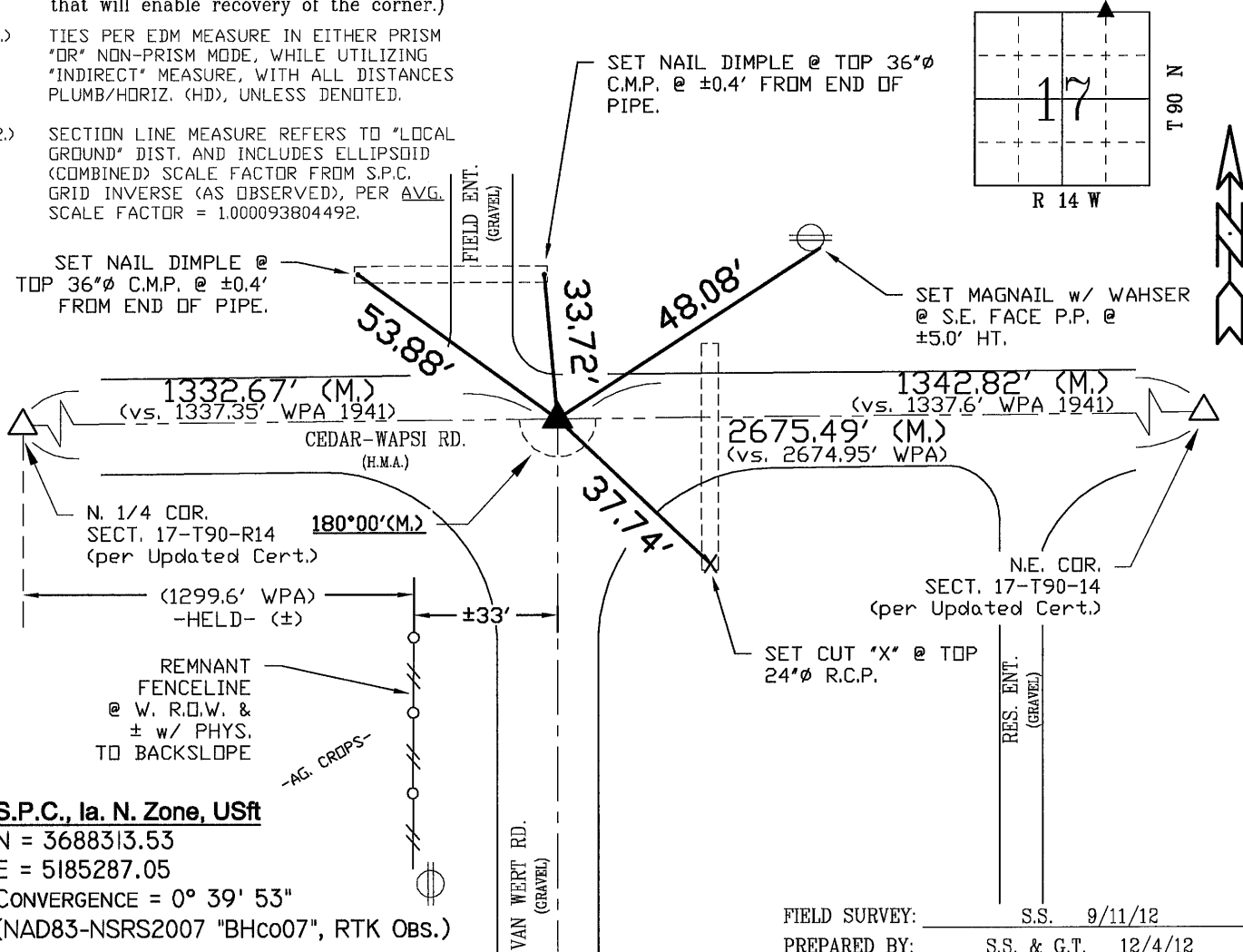
PLAN VIEW

"NOT TO SCALE"

BHco Hist. Ties: Bk. 1003 p. C
FIELD BOOK: Ties per Topcon 7003i #Z0115

(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 ELLIPSOID
(COMBINED) SCALE FACTOR FROM S.P.C.
GRID INVERSE (AS OBSERVED), PER AVG.
SCALE FACTOR = 1.000093804492.

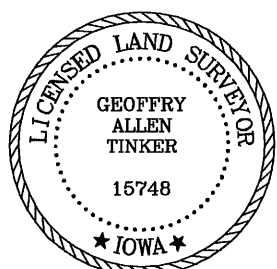


S.P.C., Ia. N. Zone, USft

N = 3688313.53
E = 5185287.05
CONVERGENCE = 0° 39' 53"
(NAD83-NSRS2007 "BHCO07", RTK OBS.)

FIELD SURVEY: S.S. 9/11/12
PREPARED BY: S.S. & G.T. 12/4/12

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 12/04/2012
Geoffrey Allen Tinker (date)

License Number 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	Township	Range
N.E. Cor.	17	90 N	14 W
NW1/4-NE1/4			
S.E. Cor.	8	90 N	14 W
SW1/4-SE1/4			

INDEX OF ABBREVIATIONS

(M) = "Measured" Dimension
(P) = "Platted" Dimension
(R) = "Record" Dimension
(C) = "Calculated" Dimension
(IGS) = Iowa Geodetic Survey
(WPA) = Works Progress Admin. Survey
"Ø" = per George Miller Survey (BHCO Surveyor 1858-1860)
"B" = per John Ball Survey (BHCO Surveyor 1886-1891)
"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