

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 34, Township 90 N, Range 12 W, of the Fifth Principal Meridian, BLACK HAWK County, Iowa.  
Previously recorded in Fee Book 2003, Page 07559, 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:  
CORNER RESET FOR COLD-IN-PLACE RECYCLE & H.M.A. RESURF. PROJECT LFM-503--7X-07.  
PRIOR TO RESURF. PROJECT, FOUND #7 (7/8") REBAR PER CURRENT RECORD AND TEMP. REF.  
CORNER LOCATION PER RTK GPS. ALSO RESEARCHED RECORD P.I. LOC. ±8.65' NORTH OF  
LAND CORNER, & NOT FOUND. AFTER 4" DEEP MILL & RECYCLE COURSE, NO SOUNDING  
REMAINED & NO EXCAVATION DONE @ LOCATION. AFTER +3" H.M.A. RESURF. COURSE, RESET  
CORNER WITH 5/8" (#5) x ±8"L REBAR LOCATED @ ±8.50' SOUTH OF C.L. H.M.A. JOINT AT ±  
CENTERLINE INTERSECTION WITH CRANE CREEK RD. TO N/S. ALSO RESET P.I. w/ 5/8"  
(#5) x ±8"L. REBAR LOCATED 8.58' NORTH OF LAND CORNER.

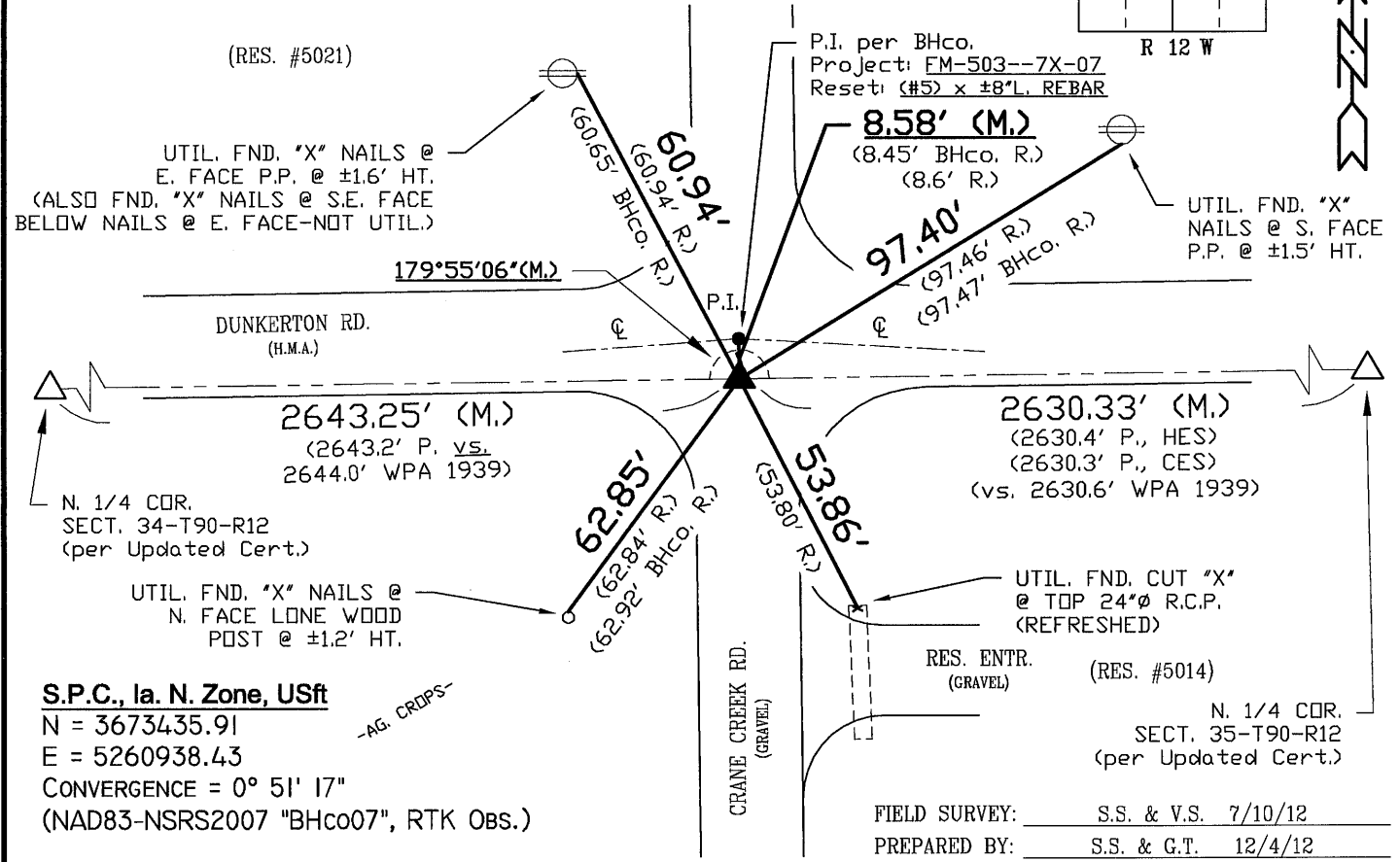
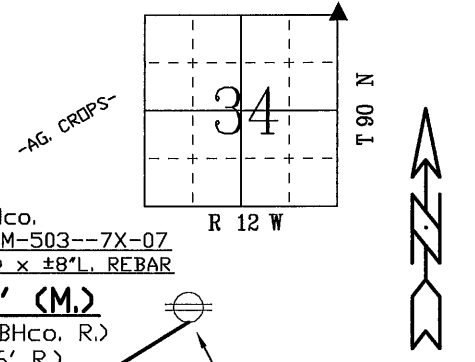
PLAN VIEW  
"NOT TO SCALE"

BHco Hist. Ties: BK. #1003 p. 34 T90-R12  
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.

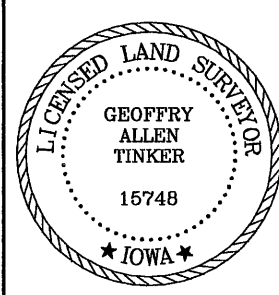
2.) SECTION LINE MEASURE REFERS TO "LOCAL GROUND" DIST. AND INCLUDES ELLIPSOID (COMBINED) SCALE FACTOR FROM S.P.C. GRID INVERSE (AS OBSERVED), PER AVG. SCALE FACTOR = 1.00009431588.



S.P.C., Ia. N. Zone, USft  
N = 3673435.91  
E = 5260938.43  
CONVERGENCE = 0° 51' 17"  
(NAD83-NSRS2007 "BHco07", RTK OBS.)

FIELD SURVEY: S.S. & V.S. 7/10/12  
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.	34	90 N	12 W
N.W. Cor.	35	90 N	12 W
S.E. Cor.	27	90 N	12 W
S.W. Cor.	28	90 N	12 W

INDEX OF ABBREVIATIONS

(M) = "Measured" Dimension  
(P) = "Platted" Dimension  
(R) = "Record" Dimension  
(C) = "Calculated" Dimension  
(IGS) = Iowa Geodetic Survey  
(WPA) = Works Progress Admin. Survey  
"Q" = per George Miller Survey (BHco Surveyor 1858-1880)  
"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