

PREPARED BY: BLACK HAWK COUNTY ENGINEERS OFFICE
316 E. FIFTH STREET, ROOM 211 WATERLOO, IOWA 50703

PH.# (319) 833-3008
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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 88 N,
Range 13 W, of the Fifth Principal Meridian, BLACK HAWK County, Iowa.
Previously recorded in Misc. Book 336, Page 497, 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. COR. FOUND 5/8"Ø REBAR IN ACC PVMT.
PRIOR TO HMA RESURFACING (PER CURRENT RECORD), AT INTERSECTION WITH HAMMOND
AVENUE. CORNER TEMP. REF. PER RTK GPS, AND EXIST. PVMT. MILLED 1-1/2" & BASE
WIDENED TO ±26' WIDTH WITH 2-1/2" H.M.A. SURFACE COURSE ADDED. CORNER LOCATION
CORED 4"Ø AT FULL DEPTH ACC (15" DEEP), WITH STUB REBAR FOUND IN CENTER OF
CORE. MAGNETIC SOUNDING STILL REMAINS ALONG EAST SIDE OF CORE HOLE.
RESET CORNER PER RTK GPS REF. WITH ±18"L. x 5/8" REBAR FLUSH w/HMA SURFACE.
PATCHED CORE WITH ACC/HMA MIX, WITH CORNER LOCATED @ 1.0' NORTH OF C.L. HMA/ACC
PAVING JOINT.

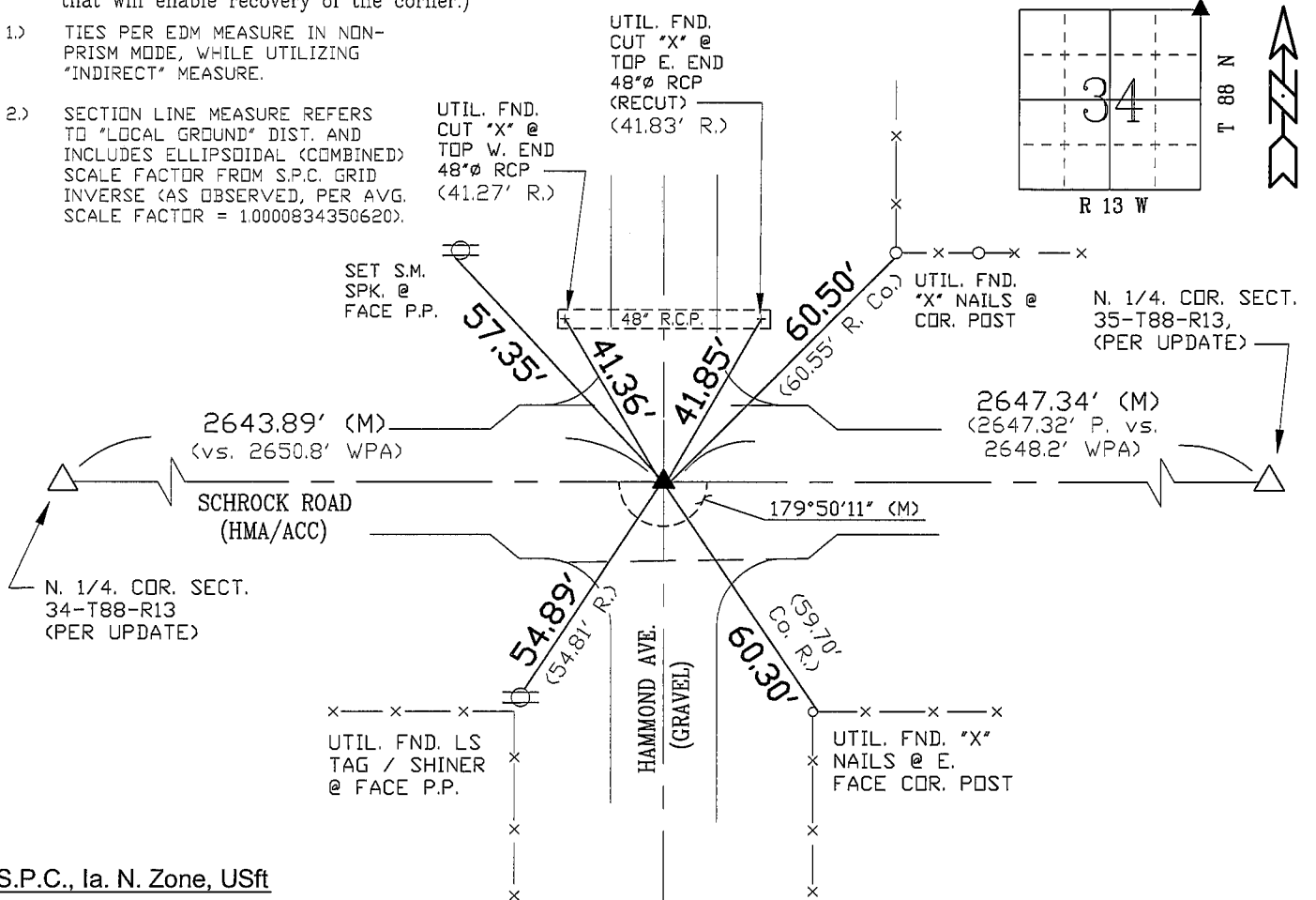
NOTE: ALL DISTANCES PLUMB/HORIZ.
(H.D.), "UNLESS DENOTED".

PLAN VIEW

BHco Hist. Ties: BK. #1001 p.34 88-13
FIELD BOOK: BHco. #488 p.39

(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 NON-PRISM MODE, WHILE UTILIZING "INDIRECT" MEASURE.
- 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 = 10000834350620).



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

N=3610780.91

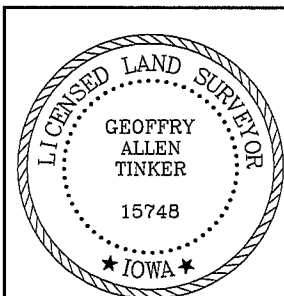
E=5235138.79

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

FIELD SURVEY: G.T. SEPT. 16-17, 2008

PREPARED BY: G.T. & J.Z. 4/24/09

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 04/27/2009
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.	34	88 N	13 W
N.W. Cor.	35	88 N	13 W
S.E. Cor.	27	88 N	13 W
S.W. Cor.	26	88 N	13 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
"G" = per George Miller Survey (BHco Surveyor 1858-1860)
"B" = 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