

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 32, Township 87 N, Range 11 W, of the Fifth Principal Meridian, BLACK HAWK County, Iowa.
Previously recorded in Misc. Book 342, Page 584, 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.)

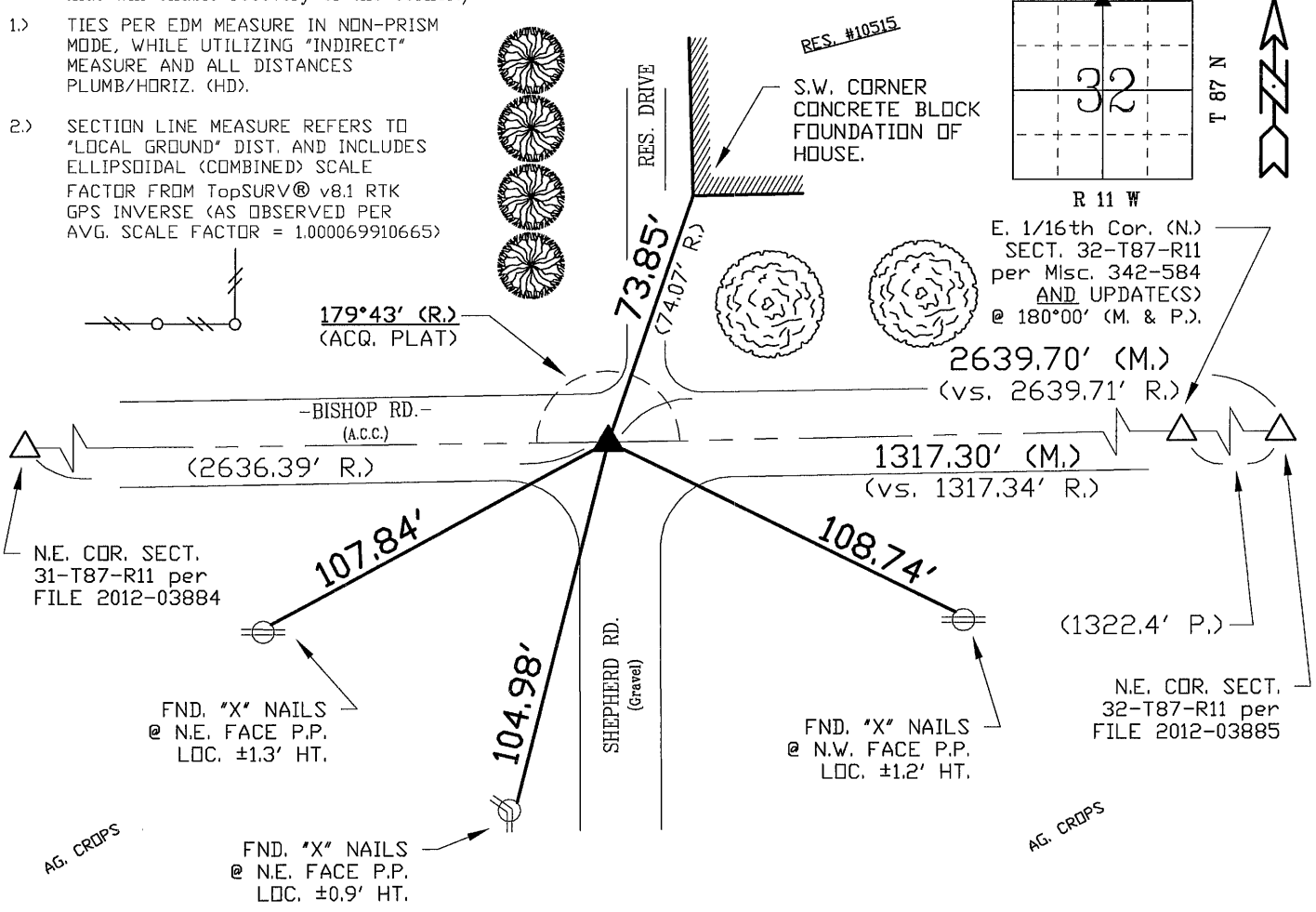
Monument Description and Remarks: N. 1/4 COR.
PRIOR TO B.H. CO. RECONSTRUCTION PROJ. (L-1016--73-07), FOUND EXIST. 5/8" REBAR WITH ALUM. CAP STAMPED "BH. CO. LAND CORNER", PER CURRENT RECORD. CORNER ORIG. WAS REFERENCED AS PART OF SAID PROJECT DEVELOPMENT, AS "PROJECT SUPERVISION" AND DOCUMENTED WITHIN ACQUISITION PLAT INSTRUMENTS OF RECORD. AFTER RECONSTR. PROJ., CORNER WAS RESET w/5"L. SPIKE (DURA-SPIKE®) PER SAID PROJECT PLANS BY CONSTR. SURVEY CONTRACT (PLS #18377), HOWEVER "NOT" RE-TIED FOR RECORD. REPLY PER CONTACT STATED UPDATED TIES (AS FOUND) WERE BY "OTHER". GIVEN ALLOWABLE TIME, NO RECORD HAS BEEN FILED, SO VERIFIED CORNER AND RETIED FOR UPDATED RECORD AS PART OF "SUPERVISION" FOR PROJECT. CORNER LOC. @ ±0.4' NORTH OF C.L. A.C.C. JOINT.

PLAN VIEW
"NOT TO SCALE"

BHco Hist. Ties: BK. #1000 (All outdated)
FIELD BOOK: Ties per Topcon 7003i #Z0115

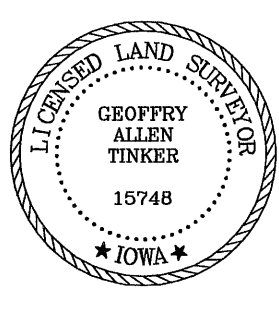
(Show a minimum of three reference ties to durable physical objects, relevant monuments and physical conditions that will enable recovery of the corner.)

- 1.) TIES PER EDM MEASURE IN NON-PRISM MODE, WHILE UTILIZING "INDIRECT" MEASURE AND ALL DISTANCES PLUMB/HORIZ. (HD).
- 2.) SECTION LINE MEASURE REFERS TO "LOCAL GROUND" DIST. AND INCLUDES ELLIPSOIDAL (COMBINED) SCALE FACTOR FROM TopSURV® v8.1 RTK GPS INVERSE (AS OBSERVED PER AVG. SCALE FACTOR = 1.000069910665)



FIELD SURVEY: S.S. 11/02/11
PREPARED BY: S.S. & G.T. 11/04/11

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 11/04/2011 (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. 1/4 Cor.	32	87 N	11 W
S. 1/4 Cor.	29	87 N	11 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
- "PK" = PK/MAG Nail Brand Style