

File **2015-00007011**

PH.# (319) 833-3008
FAX.# (319) 833-3139

SLSI 9-94
BHC0 03-09

Land Survey Monuments situated in Section 13 , Township 90 N ,
Range 12 W , of the Fifth Principal Meridian, BLACK HAWK County, Iowa.

Previously recorded in MISC. Book 334, Page 930, 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.

CORNER RESET & TIES UPDATED FOR H.M.A. RESURF. PROJECT LFM-1307--7X-07. PRIOR TO RESURF. PROJECT, FOUND 1/2" (#4) REBAR PER CURRENT RECORD AND TEMP. REF. COR. LOCATION PER RTK GPS. AFTER 2" DP. MILL, NO SOUNDING REMAINED @ ± RTK REFERENCED LOCATION, w/ NO FURTHER EXCAVATION. PVMNT. RESURFACED w/ +3.5" (2" INT. & 1.5" SURF.) H.M.A. PAVING. AFTER H.M.A. RESURFACE, RESET CORNER WITH 6' L. MAG SPIKE w/ MTL. WASHER (PLS #15748) LOCATED @ ±0.30' NORTH OF H.M.A. JOINT AND ALIGNED WITH ±CENTERLINE OF ORDDWAY ROAD TO SOUTH.

Project Point #: 1007

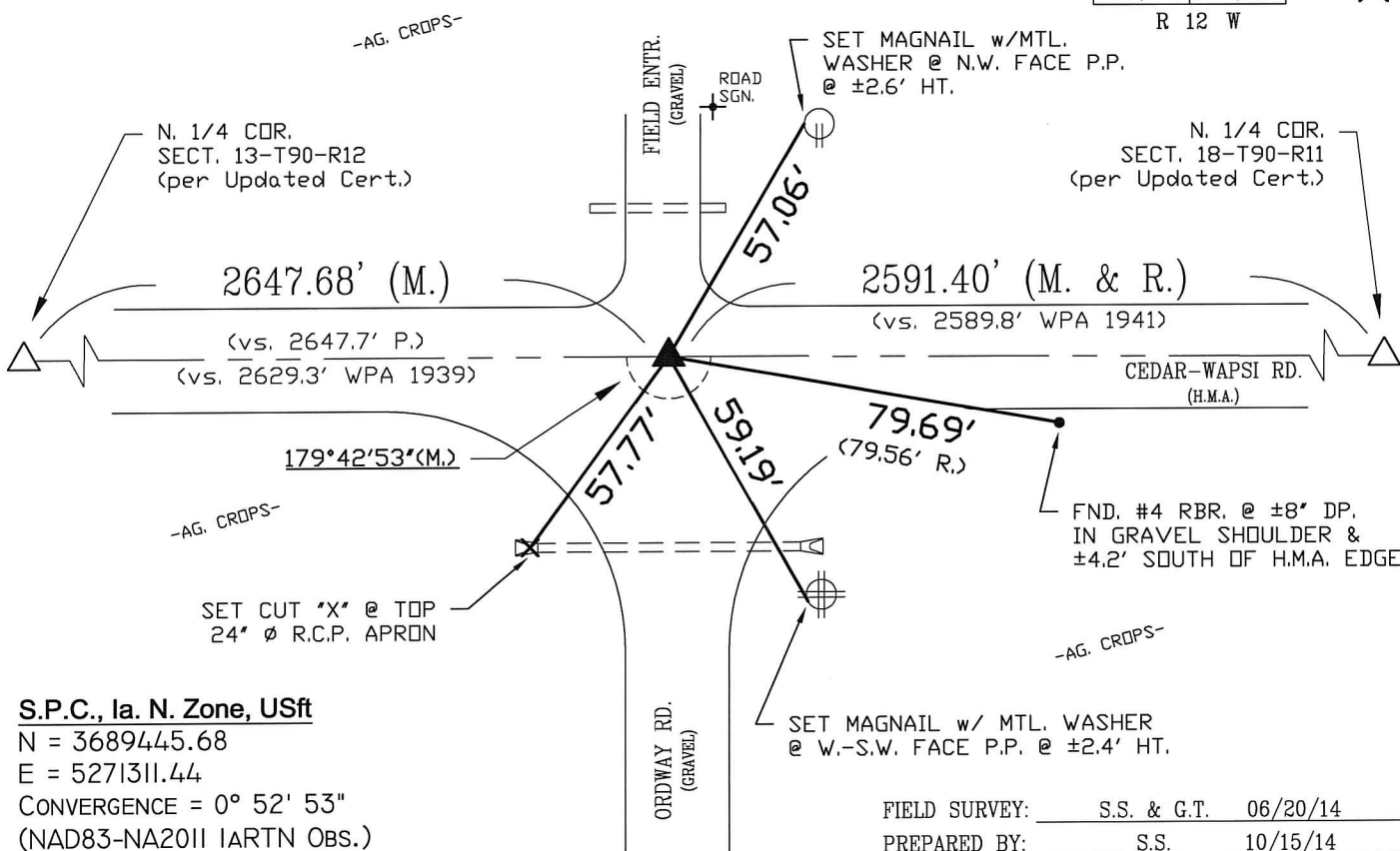
"NOT TO SCALE"

BHco Hist. Ties: BK. #1003 p.13 90-12

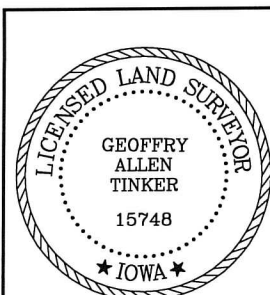
FIELD BOOK: Ties per Topcon 7003i #Z0115

(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 ELLIPSOIDAL
(COMBINED) SCALE FACTOR FROM
S.P.C. GRID INVERSE (AS
OBSERVED), PER AVG. SCALE
FACTOR = 1.000097017623 |
|---|---|



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 10/22/2014
(date)

License Number 15748

My license renewal date is December 31, 2014

Pages or sheets covered by this seal:

This Land Corner Certificate Only.

LIST CORNERS TO BE INDEXED

<u>Corner</u>	<u>Section</u>	<u>Township</u>	<u>Range</u>
N.E. Cor.	13	90 N	12 W
N.W. Cor.	18	90 N	11 W
S.E. Cor.	12	90 N	12 W
S.W. Cor.	7	90 N	11 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
"Φ" = per George Miller Survey (BfCo Surveyor 1858-1860)
"J" = per John Ball Survey (BfCo Surveyor 1866-1891)
"N" = per Nathan Barber Survey (BfCo Surveyor 1908-1931)