



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 18, Township 88 N,  
 Range 11 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:**

CORNER ORIG. REF. PER HISTORICAL SPLIT IN PLAT OF SURVEY PER MISC. 295 p.389, YET NO CORNER WAS FOUND DURING PRELIM. PROJECT SURVEY (DIV. I, H.M.A. RESURF. PORTION) NOR AN EXISTING CORNER CERTIFICATE OF RECORD. AFTER H.M.A RESURF. FOR PROJECT STP-S-C007(132)--5E-07 (2015), ESTABLISHED CORNER (06/23/2016) WITH 4"L. MAG SPIKE w/METAL WASHER PLS #15748 @ ±C.L. H.M.A. PAVING JOINT AND ALIGNED (±) 1' SOUTH OF EXISTING FENCE TO WEST. CORNER TIED AND CERTIFICATE FILED FOR PUBLIC RECORD.

BHco Field Book: #490 p.25

Equipment: Ties per Topcon 7003i #Z0115

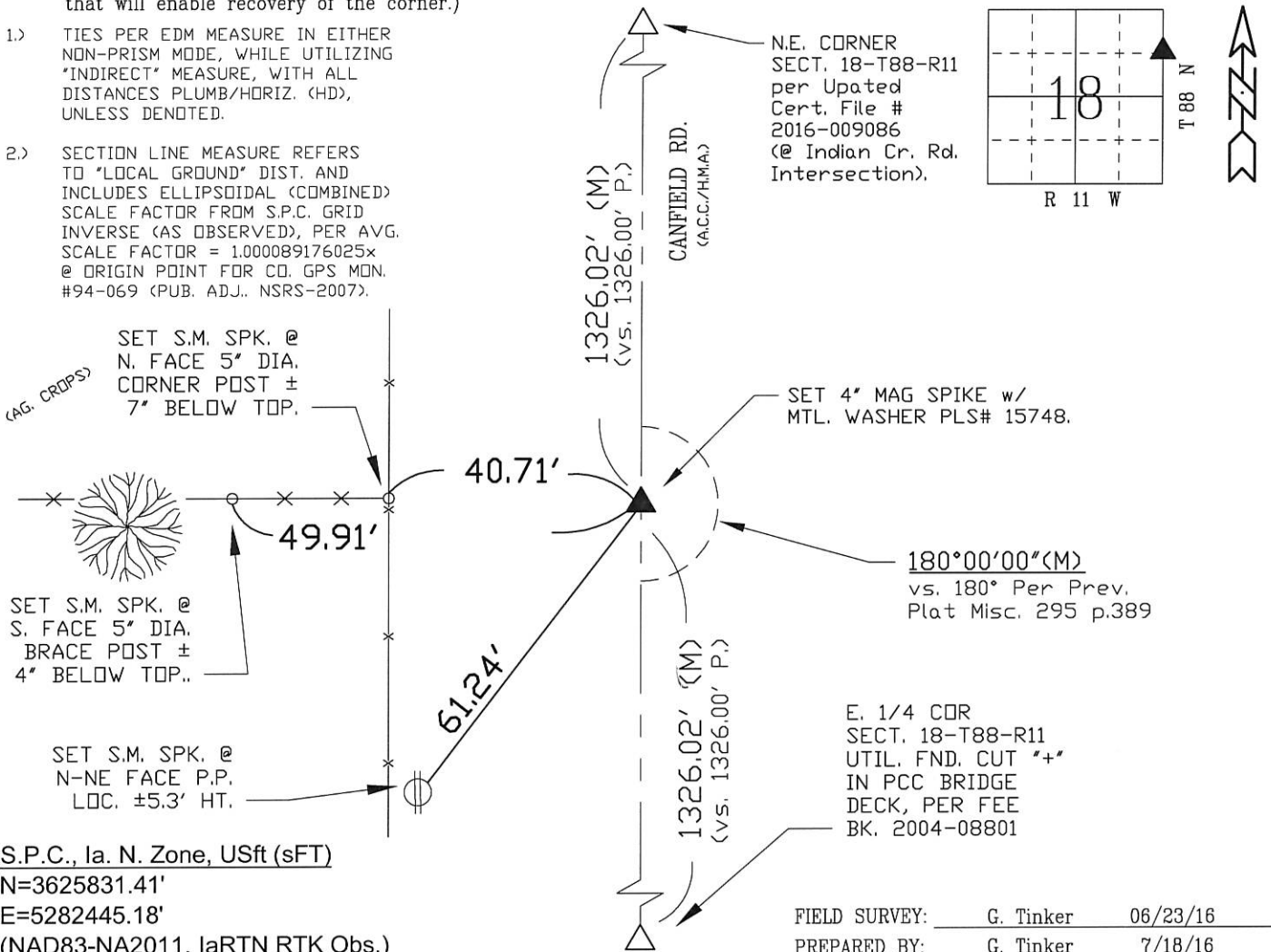
**PLAN VIEW**

BHco Hist. Ties: N/A

"NOT TO SCALE"

(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 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 = 1.000089176025x @ ORIGIN POINT FOR CO. GPS MON. #94-069 (PUB. ADJ.. NSRS-2007).



SET S.M. SPK. @ N. FACE 5" DIA. CORNER POST ± 7" BELOW TOP.

SET S.M. SPK. @ S. FACE 5" DIA. BRACE POST ± 4" BELOW TOP..

SET S.M. SPK. @ N-NE FACE P.P. LOC. ±5.3' HT.

S.P.C., Ia. N. Zone, USft (sFT)  
 N=3625831.41'  
 E=5282445.18'  
 (NAD83-NA2011, IaRTN RTK Obs.)

FIELD SURVEY: G. Tinker 06/23/16  
 PREPARED BY: G. Tinker 7/18/16

**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.

*Geoffry Allen Tinker* 07/18/2016  
 Geoffry Allen Tinker (date)  
 License Number 15748  
 My license renewal date is December 31, 2016  
 Pages or sheets covered by this seal:  
This Land Corner Certificate Only.

**LIST CORNERS TO BE INDEXED**

Corner	Section -	Township -	Range
N.E. Cor.	18	88 N	11 W
SE1/4-NE1/4			

**INDEX OF ABBREVIATIONS**

- (M) = "Measured" Dimension
- (P) = "Platted" Dimension
- (R) = "Record" Dimension
- (C) = "Calculated" Dimension
- "IGS" = Iowa Geodetic Survey
- "WPA" = Works Progress Admin. Survey
- "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