

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 28, Township 89 N,  
Range 12 W, of the Fifth Principal Meridian, BLACK HAWK County, Iowa.  
Previously recorded in Misc. Book 328, Page 295, 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.

CURRENT RECORD FOR "PK NAIL" NOT FND. DUE TO HMA/ACC RESURFACING @ LOCATION.  
SOUNDING & EXCAVATION @ LOCATION (±) YIELDED FND. 16d NAIL w/TOP BENT & TRACE  
STRING LINE. TEMP. REF. FND. NAIL, THEN REF. RECORD TIES FOR PREVIOUS CORNER  
LOCATION AND RE-ESTABLISHMENT. TIES YIELDED CORNER JUST S.W. OF ACC PVMT.  
EXCAVATION, WITH "NO" SOUNDING OBSERVED. INTERSECTED BEST FIT LOCATION OF  
REFERENCE TIES FROM PREV. RECORD AND DRILLED 4" DP. PILOT HOLE, THEN RESET  
#5 x 7"L. REBAR FLUSH WITH ACC PAVEMENT @ REF. TIE LOCATION. CORNER LOCATED  
±0.35' N. OF C.L. ACC PAVING JOINT, & RETIED TO UPDATE RECORD. CORNER UTILIZED  
FOR REFERENCE TO RECORD CENTER OF SAID SECT. FOR OSAGE RD. R.O.W. SURVEY SOUTH.

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

### PLAN VIEW

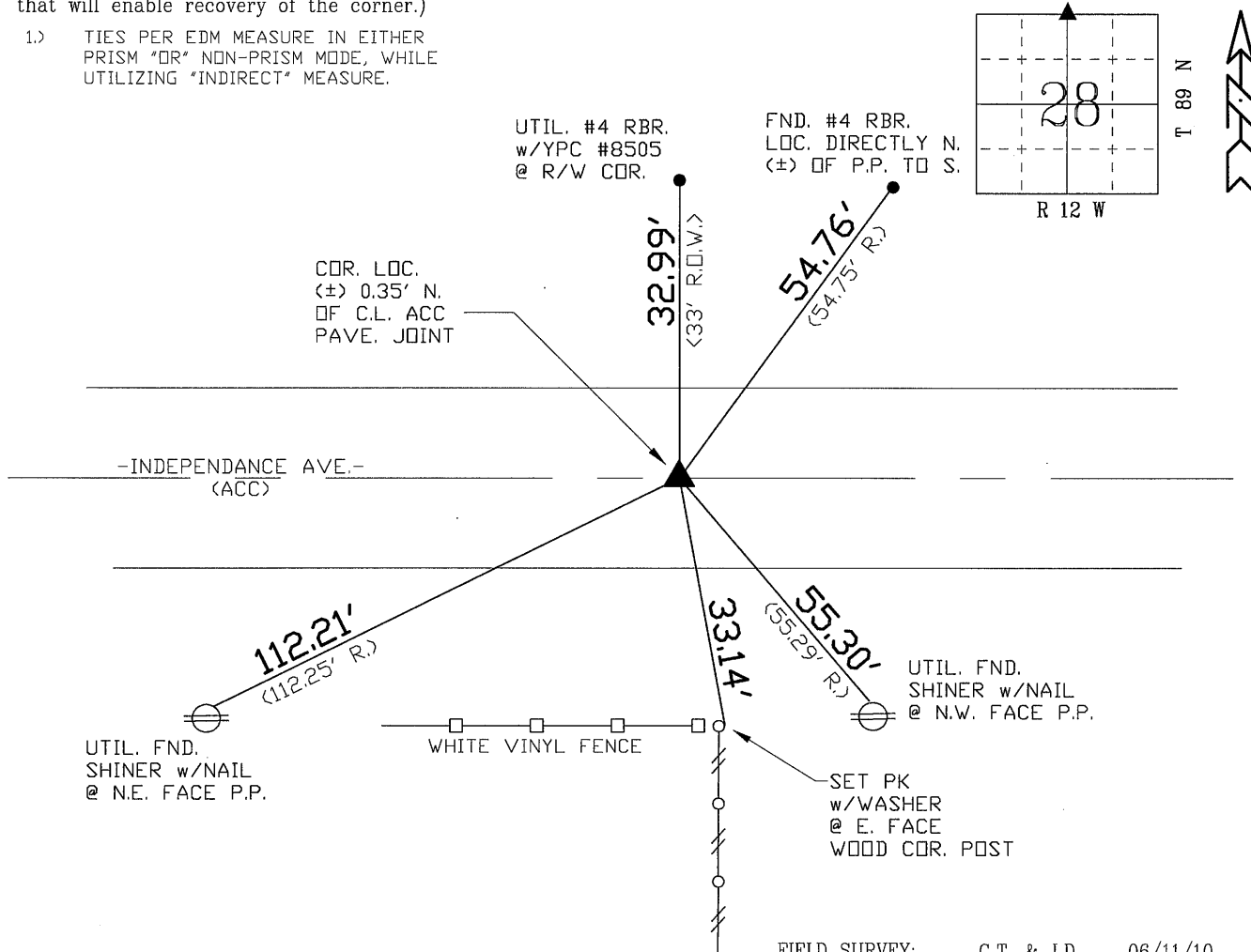
BHco Hist. Ties: BK. #1002 p.28 89-12

FIELD BOOK: BHco. #489 p.20

"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  
PRISM "OR" NON-PRISM MODE, WHILE  
UTILIZING "INDIRECT" MEASURE.



FIELD SURVEY: G.T. & J.D. 06/11/10

PREPARED BY: J.D. & G.T. 7/16/10

### 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* 07/16/2010  
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. 1/4 Cor.	28	89 N	12 W
S. 1/4 Cor.	21	89 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  
"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