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PREPARED BY: BLACK HAWK COUNTY ENGINEERS OFFICE
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SLSI 9-94
BHCO 03-09

UNITED STATES PUBLIC LAND SURVEY CORNER CERTIFICATE OF
Land Survey Monuments situated in Section 22, Township 88 N,
Range 12 W, of the Fifth Principal Meridian, BLACK HAWK County, Iowa.
Previously recorded in Misc. Book 319, Page 005, 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.
NE COR. 22-88-12, FOUND #4 REBAR @ 4" DEEP IN EXISTING ASPHALT PAVING & LOC. 4.2'
EAST OF C.L. RD. PRIOR TO 2009 RESURF. PROJECT. PREV. CORNER CERT. DENOTED AS
"CONEHEAD NAIL" PER DESCRIPTION WITH CORNER BEING REF. TO RECORDED SUB-DIV. PLAT
FOR "SCHMITZ'S 2ND ADDITION". EXISTING TIES TO FNC. POSTS ALONG E. ROW "UNSTABLE".
2009 RESURF. MILLED -2" EXIST. ACC PVMT., & ADDED +4.5" NEW HMA. RESET w/#5 RBR. @
±4.5' E. OF C.L. HMA PVMT. JOINT, AND RETIED FOR RECORD UPDATE. ADDITIONAL REF. TO
P.I. (C.L. GEOM.) AS NOTED WITH THIS CERT., BEING FND. SMALL NAIL w/o HEAD @ 4" DEEP
BEING ±P.I. STA. 71+88.0 PER I&DOT AS-BUILT PLANS DTD. 1959 FOR PROJ. #F-1000(2).
P.I. GEOM. DETAILED FROM LAND CORNER REFERENCE'S, WITH "NO" X-TIES TO P.I. DONE.

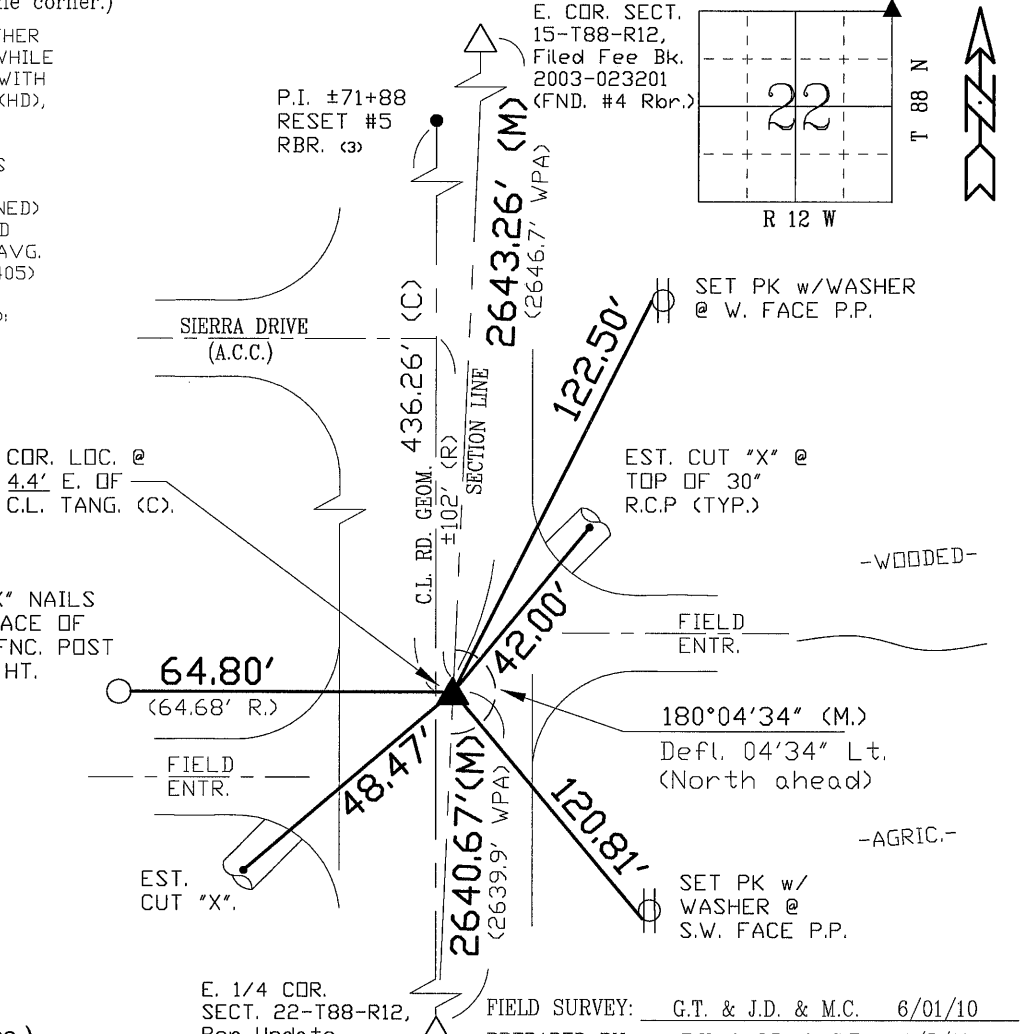
NOTE: ALL DISTANCES PLUMB/HORIZ.
(H.D.), "UNLESS DENOTED".

PLAN VIEW
"NOT TO SCALE"

BHco Hist. Ties: BK. #1001 p.22 88-12
FIELD BOOK: BHco. #489 p.p. 1-2

(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 "DIRECT" 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 = 1.0000823320405)
- 3.) P.I. STA. 71+88 (PER F-1000(2)):
DELTA = 0°22' LT.
D. = 0°03'40"
T. = 300.0'
L. = 600.0'
E. = 0.48'
R. = 93,763.8'



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

N=3621702.91'

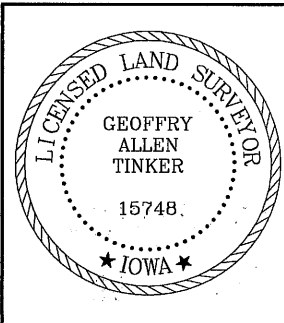
E=5267021.00'

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

E. 1/4 COR.
SECT. 22-T88-R12,
Per Update.

FIELD SURVEY: G.T. & J.D. & M.C. 6/01/10
PREPARED BY: T.K. & J.D. & G.T. 1/5/11

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 01/06/2011
Geoffrey Allen Tinker (date)

License Number 15748

My license renewal date is December 31, 2012

Pages or sheets covered by this seal:

This Land Corner Certificate Only.

LIST CORNERS TO BE INDEXED

Corner	Section	Township	Range
N.E. Cor.	22	88 N	12 W
N.W. Cor.	23	88 N	12 W
S.E. Cor.	15	88 N	12 W
S.W. Cor.	14	88 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