NO SCALE

Doc ID: 004264490001 Type: GEN Kind: CORNER Recorded: 09/24/2010 at 01:22:57 PM Fee Amt: \$9.00 Page 1 of 1 Black Hawk County Iowa JUDITH A MCCARTHY RECORDER

Fil. 2011-00005899

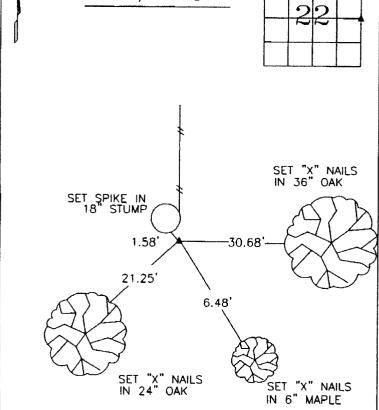
PREPARED BY

STEPHEN MICHAEL BRAIN, BRAIN ENGINEERING, INC., 1540 MIDLAND COURT NE, CEDAR RAPIDS, IOWA PH. (319) 294-9424

## UNITED STATES PUBLIC LAND CORNER CERTIFICATE SURVEY

LAND SURVEY MONUMENTS SITUATED IN SECTION  $\frac{22}{100}$ \_, TOWNSHIP \_90 NORTH RANGE \_\_11 WEST OF THE 5TH P.M., \_\_\_\_\_BLACK HAWK \_\_\_\_\_ COUNTY, IOWA.

NO SCALE



E 1/4 CORNER

Assume Incorrect due to N.E. Corner Error.

See Attached Field Record

PREVIOUSLY RECORDED IN BOOK \_\_\_\_\_ PAGE \_\_

MONUMENT DESCRIPTION AND HOW ESTABLISHED

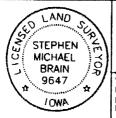
PROBED AND DUG AT THE CORNER AND FOUND NOTHING

SET 1/2" REBAR WITH YPC #9647 IN LINE WITH THE FENCE

TO THE NORTH AND FENCE TO THE WEST

W 1/4 CORNER	
•	1221
V	
	AT 36
SET "X" NAILS IN 8" TREE	
	/03
SET "X" NAILS IN 10" TREE	
22.0	าา'
(T)	J.
10.00	
12.60'	
9.93	2'
	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	SET "X" NAILS IN 12" TREE
CREEK	IN 12 IREE
	_
PREVIOUSLY RECORDED IN BOOK	PAGE
MONUMENT DESCRIPTION AND HOW ESTABLISHED	
FOUND CONCRETE MONUMENT 2" ABOVE SURFACE ON	
NORTH CREEK BANK	

W 1/4 CORNER



I hereby certify that this land surveying document and the related survey work was performed by me or under my direct personal supervision and that I am a duty licensed Land Surveyor under the laws of the State of lows. Date

Stephen Michael Brain, L.S. My License Renewal Date is December 31, 2010 License Number 9647 Pages or sheets covered by this seal: 1/1

CORNERS TO BE INDEXED CORNER SECTION **TOWNSHIP** RANGE E 1/4 CORNER 22 T90N R11W W 1/4 CORNER 22 T90N **R11W** 

A.THERE IS NO CERTIFICATE FOR THE CORNER ON FILE WITH THE RECORDER OF THE COUNTY IN WHICH THE CORNER IS LOCATED

B.THE SURVEYOR IN RESPONSIBLE CHARGE OF THE LAND SURVEYING ACCEPTS A CORNER POSITION WHICH DIFFERS FROM THAT SHOWN IN THE PUBLIC RECORDS OF THE COUNTY IN WHICH THE CORNER IS LOCATED.

C.THE CORNER MONUMENT IS REPLACED OR MODIFIED IN

ANY WAY.

D.THE REFERENCE TIES REFERRED TO IN AN EXISTING PUBLIC RECORD ARE NOT CORRECT.

BRAIN ENGINEERING, INC. 1540 MIDLAND COURT NE CEDAR RAPIDS, IOWA 52402 406210 - 15(319) 294-9424

900 RS

## BLACK HAWK COUNTY ENGINEER'S LAND CORNER FIELD RECORD

BHC0 05-13

BLACK HAWK COUNTY ENGINEERS OFFICE

NOTE ▶

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

316 E. FIFTH STREET, ROOM 211 WATERLOO, IOWA 50703 e-mail: surveyor@co.black-hawk.ia.us Documentation of field research for the attempted recovery of land corner(s) as denoted, the Black Hawk County Engineer staff reports the following information regarding the location of the E. 1/4 Corner of Section 22. Township 90, Range 11, of the 5th P.M., Black Hawk County, Iowa. Road Name: N/A Monument located within the road Right-of-Way? ☐ Yes Black Hawk County documents of record utilized as references: N/A BHco Corner Ties: Book , Page(s) W.P.A. Corner Ties: Book 1029 , Page 5 , Date 12-20-1939  $\checkmark$ W.P.A. Chaining Notes: Book 1048, Page 50, Date N/A N/A BHco Transit Notes: Book N/A BHco Road Plans: George Miller Surveys (1858-1860): Page N/A la D.O.T. Land Corner Surveys (Strip Maps) John Ball Surveys: (1866-1891): Page 497 N/A Plat of Survey (PLS #9647) File: 2012-1949 N/A Nathan Barber Surveys: (1908-1931): Page LOCATION SKETCH NE COR SECTION LINE MEASURE REFERS SECTION LINE MEASURE REFERS
TO "LOCAL GROUND" DISTANCE AND
INCLUDES ELLIPSOIDAL (COMBINED) SCALE
FACTOR FROM S.P.C. GRID INVERSE (AS
DBSERVED, PER TOPSURV V.8.2.3
SCALE FACTOR = 1.00009380479 ) SECT. 22 "NOT TO SCALE" WPA C.M. 90 RR R 11 Declination Year Declir 1870 8° 16.0' E 1871 8° 12.0' E https://www.ngdc.noaa.gov/geomag-web/#ushistoric Prorated WPA search area 13.75' North of #4 Rbr. per mile Measure <u>vs.</u> WPA. due to incorrect N.W. Cor. per PLS 9647. Estimate EM2980 RBR\_FND-IPLS (BAII 1871 Wire dtd IN old Trees Exist-Prorated 1871 Ball at equal split of N/S Mile, for reference only (South of #4 Rbr.) Cocate Tre CF \* There is AN Existing

36" OAK due S. (41-)

yet WAA CALLS 4/ 36 " AS Well? 100 LEGEND BHco GPS Monument Land Corner-Found SE. COR Δ Land Corner-Not Found SECT. 22 • Temporary Control Point Description of fieldwork conducted and accessories recovered to estimate the location of this corner: PROPORTIONATE W.P.A. RECORD MEASURE (N/S) PER BELOW 13.75 ' NORTH OF FND. #4 REBAR PER MILE MEASURE vs. WPA DUE TO INCORRECT N.W. COR. PER PLAT OF SURVEY (PLS#9647). FND. OLD REMNANT WIRE FENCE RUNNING DUE ± WEST THROUGH EXIST. ±18" TREE TO EXIST. WIRE FENCE CORNER POST AND DUE ± NORTH THROUGH EXIST. ±18" DIA. TREE. ALSO PROBED AREA PROPORTIONATE PER 1871 BALL SURVEY @ EQUAL SPLIT OF N/S MILE, MONUMENT NOT FND. / to DATE LOPA **EXCAVATION DIM'S.** RECORD MEAS: FIELD MEAS. Calculations conducted to estimate the location of this corner: 2638.5' @ LOC.'S CALE. 5286.89 5311.3' ±X.X' N-S **SCALE** RECORD MEAS. FIELD MEASURE / ±X.X' E-W 0.9954 \_\_5311.5'\_\_\_ CALC'ED DIST. TO COR. **SCALE** RECORD MEAS. (@ Fractional Dist.) ±X.X' Dp. 12/21/17 2626.37' 0.9954' 2638.5' CALCULATIONS CHECKED BY: G.T. 04/10/13 FIELD RESEARCH: G.T. & L.D. 12/19/17 PREPARED BY: L.D.

of Section 355.11 of the Code of Iowa, regarding further corner recovery and/or establishment.

This record is not a U.S. Public Land Survey Corner Certificate and does not relieve a Land Surveyor of the requirements