HELLAND ENGINEERING & SURVEYING

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Judith A. McCarthy, County Recorder

Paul H. Helland, 1107 Technology Parkway, Cedar Falls, lowa 50613-6951, (319)-266-0161

## UNITED STATES PUBLIC LAND SURVEY CORNER CERTIFICATE OF

LAND SURVEY MONUMENTS SITUATED IN SECTION NO. <u>\_29 ,</u> TOWNSHIP NO.\_ 87 NORTH, RANGE

\_\_WEST OF THE FIFTH PRINCIPAL MERIDIAN,\_\_ BLACK HAWK COUNTY, IOWA.

PREVIOUSLY RECORDED IN 328 MISC. 513

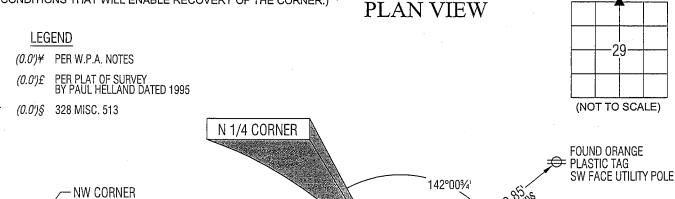
(SHOW REASON FOR PREPARING THIS CERTIFICATE, THE EVIDENCE AND DETAILED PROCEDURES USED IN ESTABLISHING THE CORNER POSITIONS AND MONUMENTATION FOUND OR PLACED.)

MONUMENT DESCRIPTION AND REMARKS:

USPLSCC 328 MISC. 513 REFERENCE TIES HAVE CHANGED. SURVEY COMPLETED IN THE NE 1/4 NW 1/4 & NW 1/4 NE 1/4 OF SEC. 29-T87N-R13W.

N 1/4 CORNER: W.P.A. NOTED DATED 7/6/1940 CALL FOR [AT LOCATION INDICATED BY RANDOM LINE DUG HOLE 4" SQ. 18" DEEP FOUND NIGGER HEAD 14"x12"x9" REMNANT OF AN OLD OAK HUB ALONG SIDE OF STONE. LOWERED ALL EVIDENCE IN PLACE AND SET C.M. ON TOP WITH CAP MARKED... SET TOP OF C.M. 12" DEEP]. BLACK HAWK COUNTY ENGINEER REFERENCE TIES (NO DATE) CALL FOR [S.C.M.]. PLAT OF SURVEY BY PAUL HELLAND DATED 1995 CALLS FOR [SET PIN]. USPLSCC 328 MISC. 513 DATED 12/15/1997 CALLS FOR [FOUND NO. 4 REBAR w/CAP #6505]. W.P.A. NOTES (NO DATE) CALL FOR [FOUND NIGGERHEAD 14"x12"x9" REMNANT OF AN OLD OAK HUB ALONG SIDE OF STONE]. FOUND NO. 4 REBAR W/CAP #6505 O. 21 DEEP. THIS CORRESPONDS WITHIN BEASON TO TWO REMAINING TIES. LITH 17ED AS CORNED w/OPC #6505 0.2' DEEP. THIS CORRESPONDS WITHIN REASON TO TWO REMAINING TIES. UTILIZED AS CORNER.

(SHOW A MINIMUM OF THREE REFERENCE TIES TO DURABLE PHYSICAL OBJECTS, RELEVANT MONUMENTS AND PHYSICAL CONDITIONS THAT WILL ENABLE RECOVERY OF THE CORNER.)



*વેજિં*જી SEC. 29-T87N-R13W FOUND 1"o.d. TWIST PIN ABOVE STONE PER 306 MISC. 942 (2644.43')£ 37°59' 10½± (2644.8')<del>¥</del> (2645.7')¥ N 89°151/2' E 2644.4' S 89°15'40" W 2645.4' 33.00 77.00 157.00% 37°431/2 12½± 23°13' 57.9% 76.8A 9 .83.72 83 W. REINBECK RD. 65°461/4 (ROCK) 46°131⁄4′

2648.

161½ W

90°1

SET NO. 4 REBAR w/OPC #6505 (TYPICAL)

> CENTER SEC. 29-T87N-R13W SET NO. 4 REBAR w/OPC #6505 ON W SIDE CORNER POST

(BEARINGS ARE ASSUMED) SHINER = 8D NAIL & 1 5/16"Ø METAL SHINER SHINER = 8D NAIL & 1 3/10 0 MELL & SHINER BRASS TAG = 13/16 0 BRASS TAG

OPC = PLASTIC CAP (0=ORANGE, R=RED, Y=YELLOW)

OOU DECORDED AS FILE NAME: 08-202C3.DWG

FOUND ORANGE

NW FACE UTILITY POLE

SEC. 29-T87N-R13W FOUND 6 SIDED 1"o.d. IRON PIN

OVER STD. CONCRETE MONUMENT

**NE CORNER** 



/OWA

HELLAND ENGINEERING & SURVEYING, LTD. 1107 Technology Parkway Cedar Falls, Iowa 50613-6951

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 lowa.

21. He Paul H. Helland License Number 6505 My license renewal date is December 31, 2009.
All pages or sheets are covered by this seal except.

LIST CORNERS TO BE INDEXED CORNER **RANGE** SECTION TOWNSHIP 29 87N 13W N 1/4 CORNER 13W S 1/4 CORNER 20 87N

Rec