GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
GRUNDY COUNTY, IOWA

DESIGNATION 94-002 GPS No. 7074 COUNTY GRUNDY STATE IOWA

LOCATED IN SECTION 13 TWP 87N RGE 15W USGS QUAD MAP REINBECK

TO REACH FROM THE INTERSECTION OF 250TH STREET AND GRUNDY ROAD AT EAST LINE OF GRUNDY COUNTY, NORTHEAST OF REINBECK; GO NORTH 0.1 MILE, MORE OR LESS TO CREST OF HILL AND MARK.

CAP IS STAMPED "GPS CONTROL PT. 94-002"

MARK 2-1/2" BLACK HAWK CO. ALUM. CAP ON ALUM. ROD IN 5" PVC PIPE CASING WITH ALUM. ACCESS COVER

☒ MARK EXISTING ☐ VALUES AS PUBLISHED BY

☐ MARK SET ☒ VALUES ESTABLISHED BY DENI ASSOCIATES, INC. DATE JUNE 1997

HORIZONTAL VALUES ORIGINATED ON ORDER "B" IOWA HIGH ACCURACY REFERENCE NETWORK (HARN) CONTROL ESTABLISHED BY THE NATIONAL GEODETIC SURVEY AND BASED ON THE NORTH AMERICAN DATUM OF 1983, 1996 ADJUSTMENT.

IOWA COORDINATE SYSTEM, NORTH ZONE

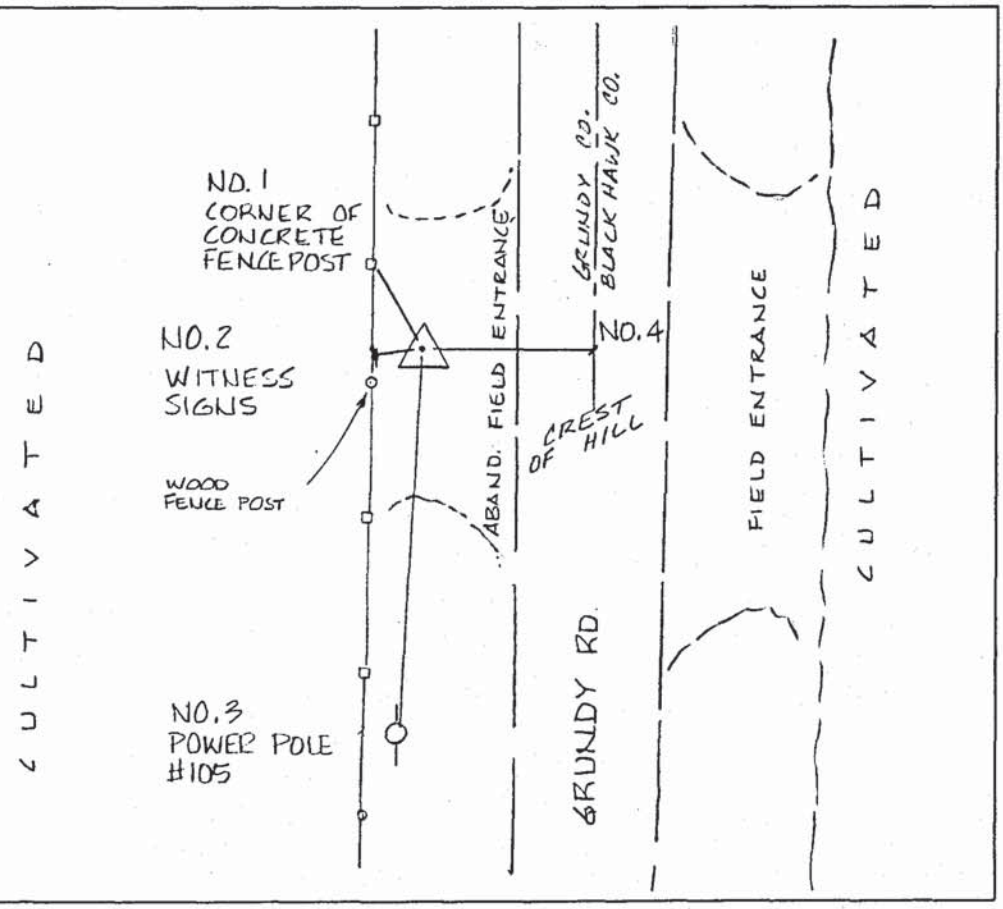
SCALE FACTOR: 0.99996147

COORDINATES (US FEET)		COORDINATES (METERS)	
NORTHING (Y)	3589046.55	NORTHING (Y)	1093943.576
EASTING (X)	5182464.20	EASTING (X)	1579618.247

VERTICAL VALUES ORIGINATED ON VERTICAL CONTROL ESTABLISHED BY THE NATIONAL GEODETIC SURVEY AND / OR THE U.S. GEOLOGICAL SURVEY AND BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988.

ELEVATION (US FEET) 980.13 ELEVATION (METERS) 298.745

TIES
No. 1 - 16.5'
No. 2 - 7.8'
No. 3 - 42.0'
No. 4 - 28'



SECTION

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SKETCH
BY DSW

DENI 9701008