GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
GRUNDY COUNTY, IOWA

DESIGNATION 94-003 GPS No. 7073 COUNTY BLACK HAWK STATE IOWA

LOCATED IN SECTION 31 TWP 88N RGE 14W USGS QUAD MAP ZANETA

TO REACH FROM THE INTERSECTION OF 215TH STREET (D 35) AND GRUNDY ROAD; GO SOUTH 0.5 MILE TO SECTION FENCE LINE TO WEST AND MARK TO EAST.

CAP IS STAMPED "GPS CONTROL PT 94-003"

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

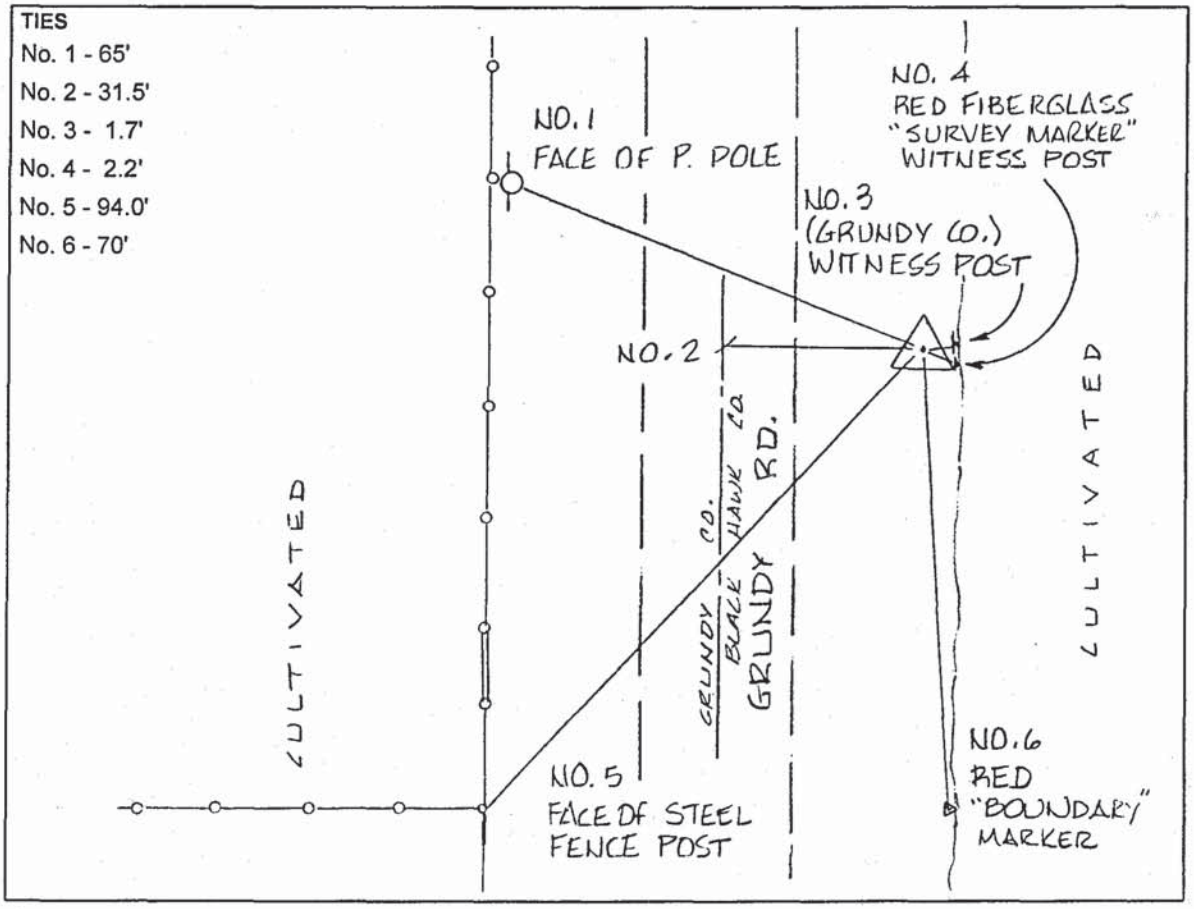
SCALE FACTOR: 0.99995750

COORDINATES (US FEET)		COORDINATES (METERS)	
NORTHING (Y)	3604729.23	NORTHING (Y)	1098723.666
EASTING (X)	5182293.60	EASTING (X)	1579566.248

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) 907.82 ELEVATION (METERS) 276.704

TIES
No. 1 - 65'
No. 2 - 31.5'
No. 3 - 1.7'
No. 4 - 2.2'
No. 5 - 94.0'
No. 6 - 70'



SECTION

SKETCH BY DSW

DENI 9701008