GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
HARDIN COUNTY, IOWA

DESIGNATION 892119 4 GPS No. 8021 COUNTY HARDIN STATE IOWA

LOCATED IN SECTION 19 TWP 89 N RGE 21 W USGS QUAD MAP POPEJOY

TO REACH FROM THE INTERSECTION OF STATE HIGHWAY 941 AND STATE HIGHWAY 359; GO SOUTH 0.2 MILE TO MARK.

MARK 3-1/4" ALUMINUM DISK SET IN 12" DIAMETER POURED-IN-PLACE CONCRETE MONUMENT

☐ MARK EXISTING ☐ VALUES AS PUBLISHED BY

☒ MARK SET ☒ VALUES ESTABLISHED BY DENI ASSOCIATES, INC. DATE 1998

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: 0.99994911

COORDINATES (US FEET)

NORTHING (Y) 3649141.32

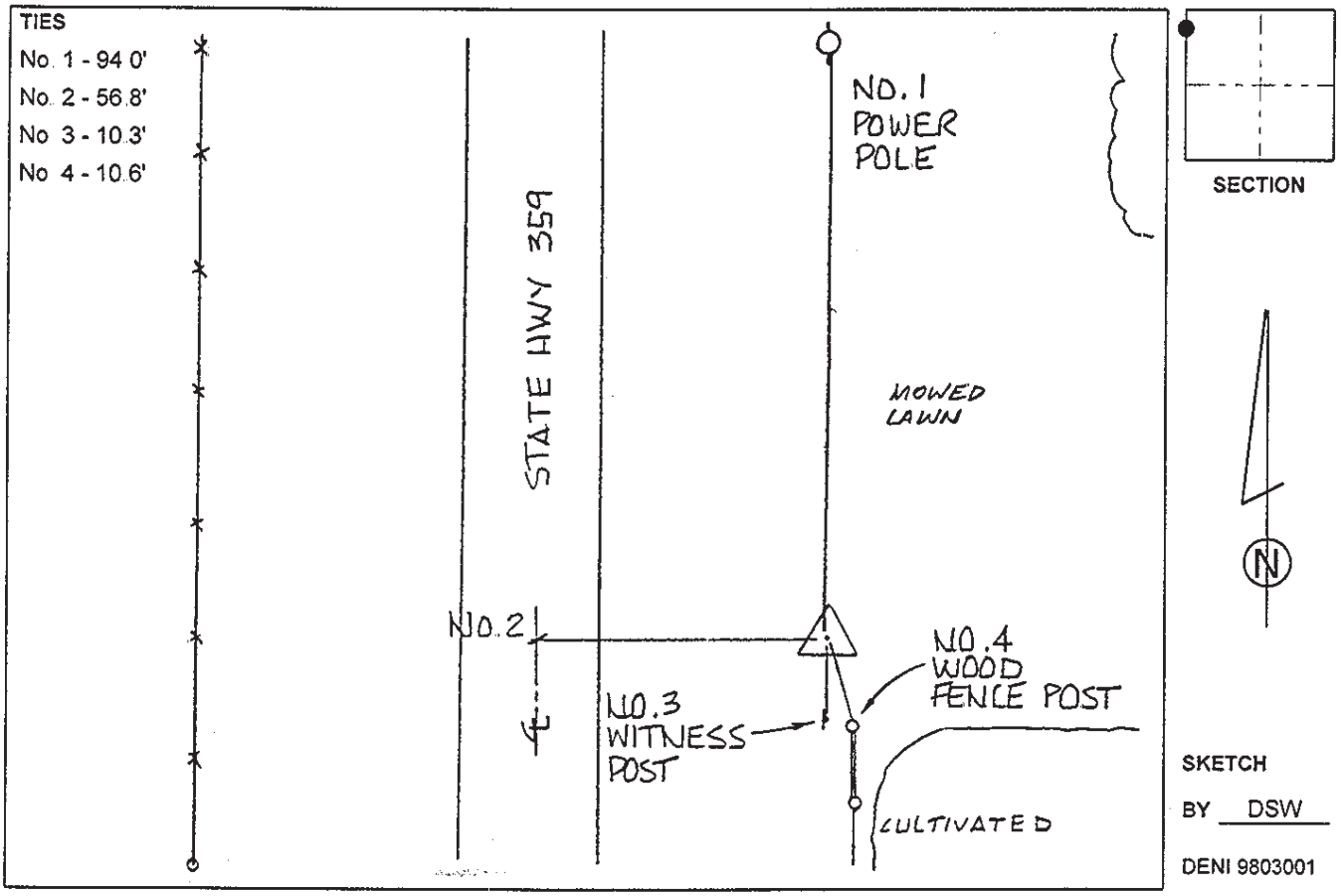
EASTING (X) 4953397.28

COORDINATES (METERS)

NORTHING (Y) 1112260.497

EASTING (X) 1509798.512

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) 1162.48

ELEVATION (METERS) 354.32