# GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
CLAY COUNTY, IOWA

DESIGNATION 973604 1 GPS No. 7054 COUNTY CLAY STATE IOWA

LOCATED IN SECTION 4 TWP 97 N RGE 36 W USGS QUAD MAP SPIRIT LAKE SE

TO REACH FROM

AT THE "T" INTERSECTION TO EAST OF 270TH STREET ( CLAY - DICKINSON COUNTY LINE )

AND 250TH AVENUE.

MARK 3-1/4" ALUMINUM DISK SET IN POURED-IN-PLACE CONCRETE MONUMENT WITH 10" PVC COLLAR

☐ MARK EXISTING ☐ VALUES AS PUBLISHED BY

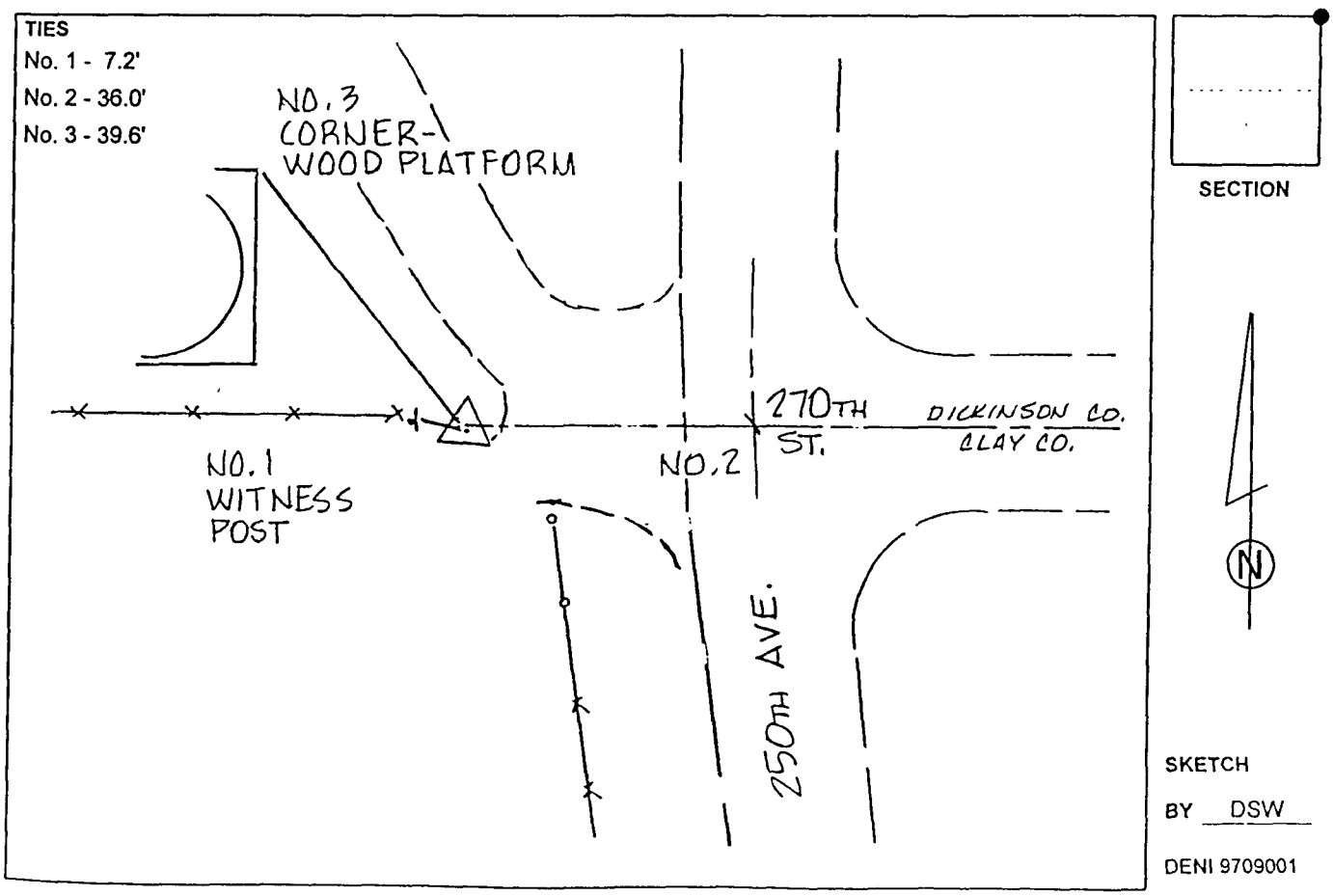
☒ MARK SET ☒ VALUES ESTABLISHED BY DENI ASSOCIATES, INC. DATE OCTOBER 1997

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: 0.99999797

| COORDINATES (US FEET) | | COORDINATES (METERS) | |
|---|---|---|---|
| NORTHING (Y) | 3924571.940 | NORTHING (Y) | 1196211.920 |
| EASTING (X) | 4497043.424 | EASTING (X) | 1370701.577 |

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) 1461.77 ELEVATION (METERS) 445.548