GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
HARDIN COUNTY, IOWA

DESIGNATION 862221 1 GPS No. 8012 COUNTY HARDIN STATE IOWA

LOCATED IN SECTION 21 TWP 86 N RGE 22 W USGS QUAD MAP RADCLIFFE

TO REACH FROM

AT THE INTERSECTION OF COUNTY HIGHWAY S27 / 310th STREET AND E AVENUE, NEAR THE WEST END OF THE CENTER LINE GRASS TRIANGLE.

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

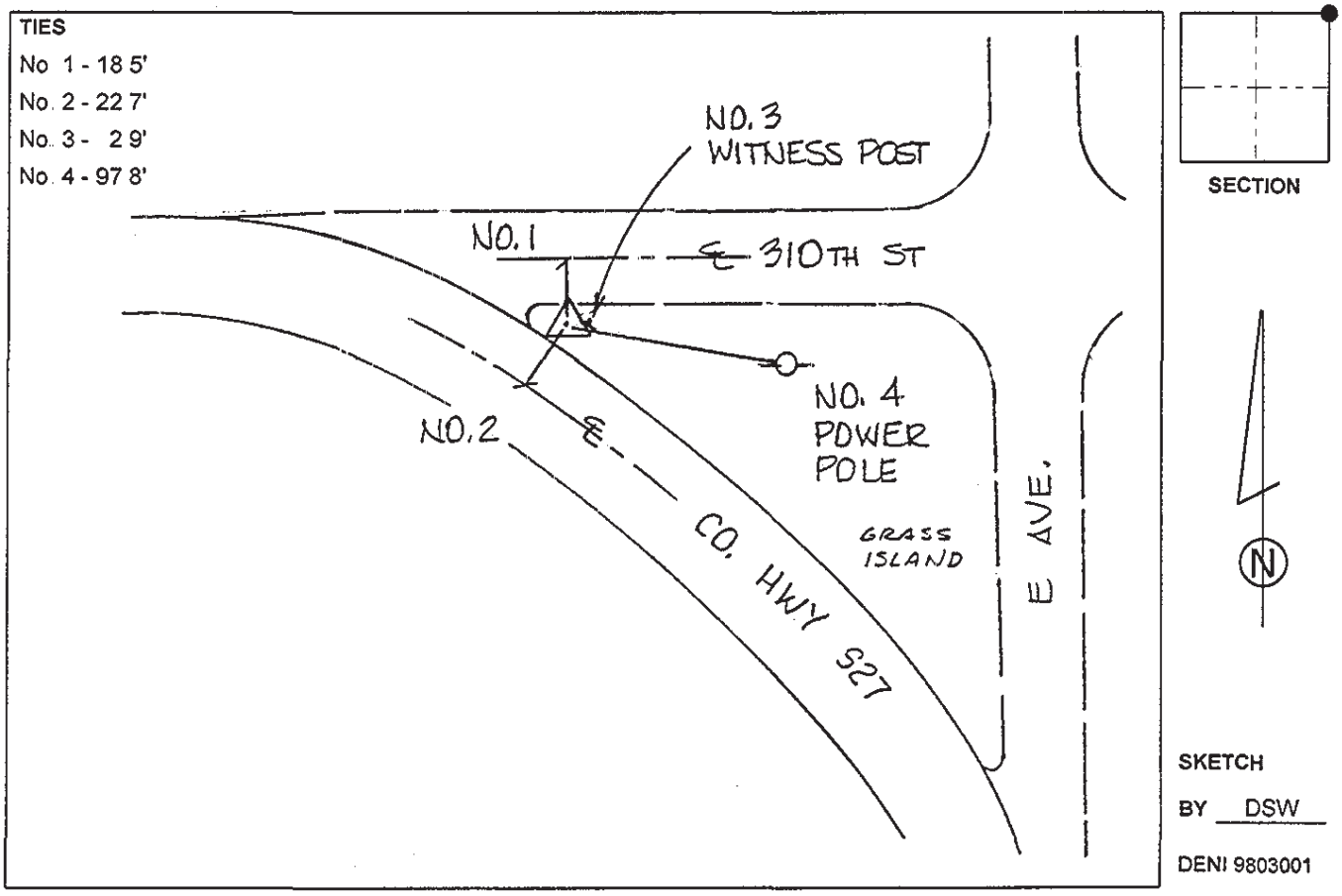
☐ MARK EXISTING ☐ VALUES AS PUBLISHED BY

☒ 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: 0.99997144

COORDINATES (US FEET)		COORDINATES (METERS)	
NORTHING (Y)	3555149.14	NORTHING (Y)	1083611.624
EASTING (X)	4946702.11	EASTING (X)	1507757.820

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) 1202.25 ELEVATION (METERS) 366.45