GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
HARDIN COUNTY, IOWA

DESIGNATION 862233 2 GPS No. 8011 COUNTY HARDIN STATE IOWA

LOCATED IN SECTION 33 TWP 86 N RGE 22 W USGS QUAD MAP McCALLSBURG

TO REACH FROM THE INTERSECTION OF 340th STREET AND E AVENUE; GO NORTH 220 FEET TO PRIVATE DRIVE TO WEST AND MARK. ON PRIVATE PROPERTY WITH PERMISSION.

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

☐ MARK EXISTING ☐ VALUES AS PUBLISHED BY

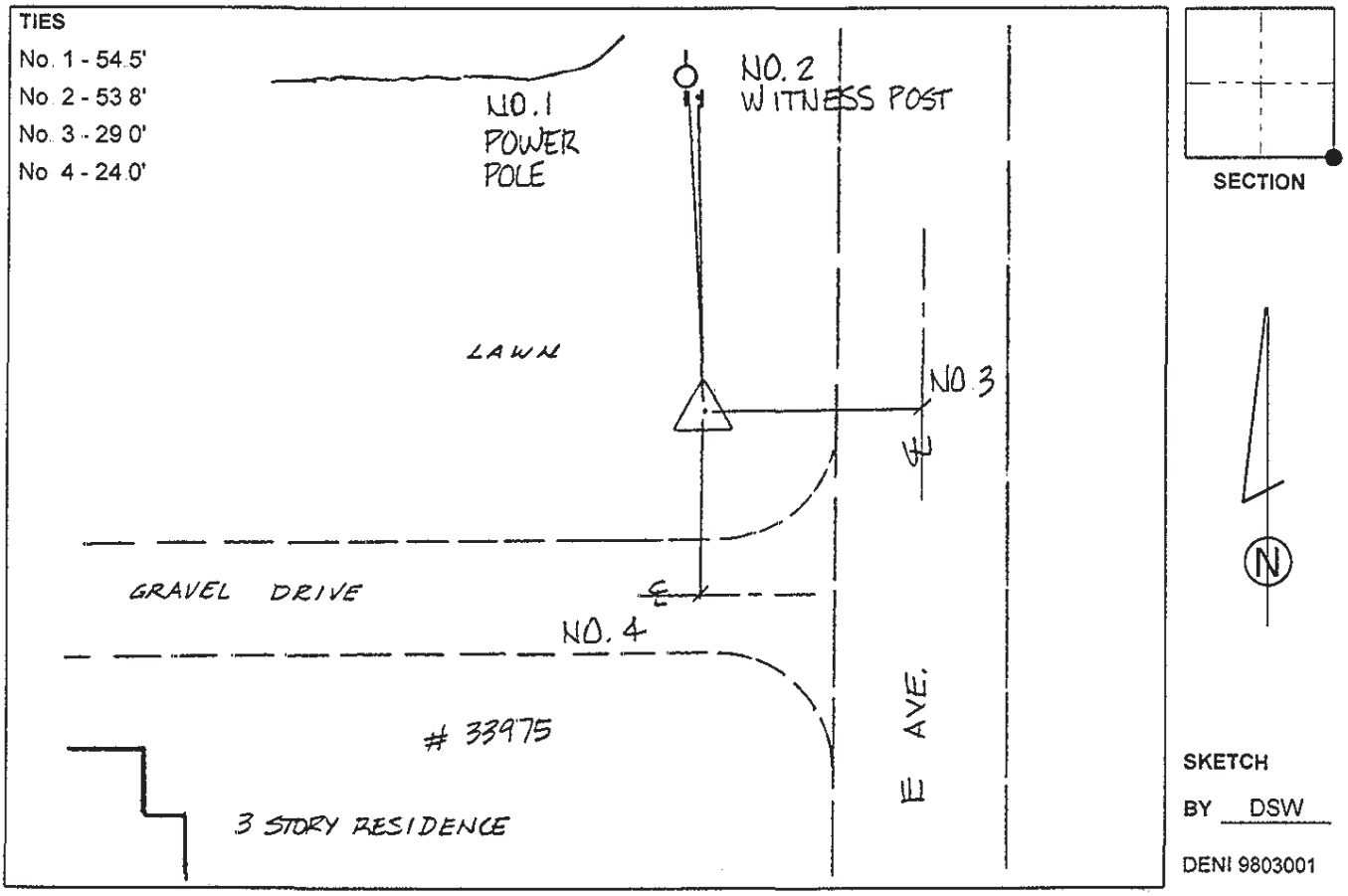
☒ MARK SET ☒ VALUES ESTABLISHED BY DENI ASSOCIATES, INC. DATE 1998

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: 0.99997709

COORDINATES (US FEET)		COORDINATES (METERS)	
NORTHING (Y)	3539544.19	NORTHING (Y)	1078855.226
EASTING (X)	4946944.55	EASTING (X)	1507831.714

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) 1153.58 ELEVATION (METERS) 351.61