GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
HARDIN COUNTY, IOWA

DESIGNATION 881905 1 GPS No. 8071 COUNTY HARDIN STATE IOWA

LOCATED IN SECTION 5 TWP 88 N RGE 19 W USGS QUAD MAP STEAMBOAT ROCK

TO REACH FROM

AT THE INTERSECTION OF 160th STREET AND U AVENUE, IN THE SOUTHWEST QUADRANT.

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: 0.99995123

COORDINATES (US FEET)

NORTHING (Y) 3634936.96

EASTING (X) 5033012.73

COORDINATES (METERS)

NORTHING (Y) 1107931.001

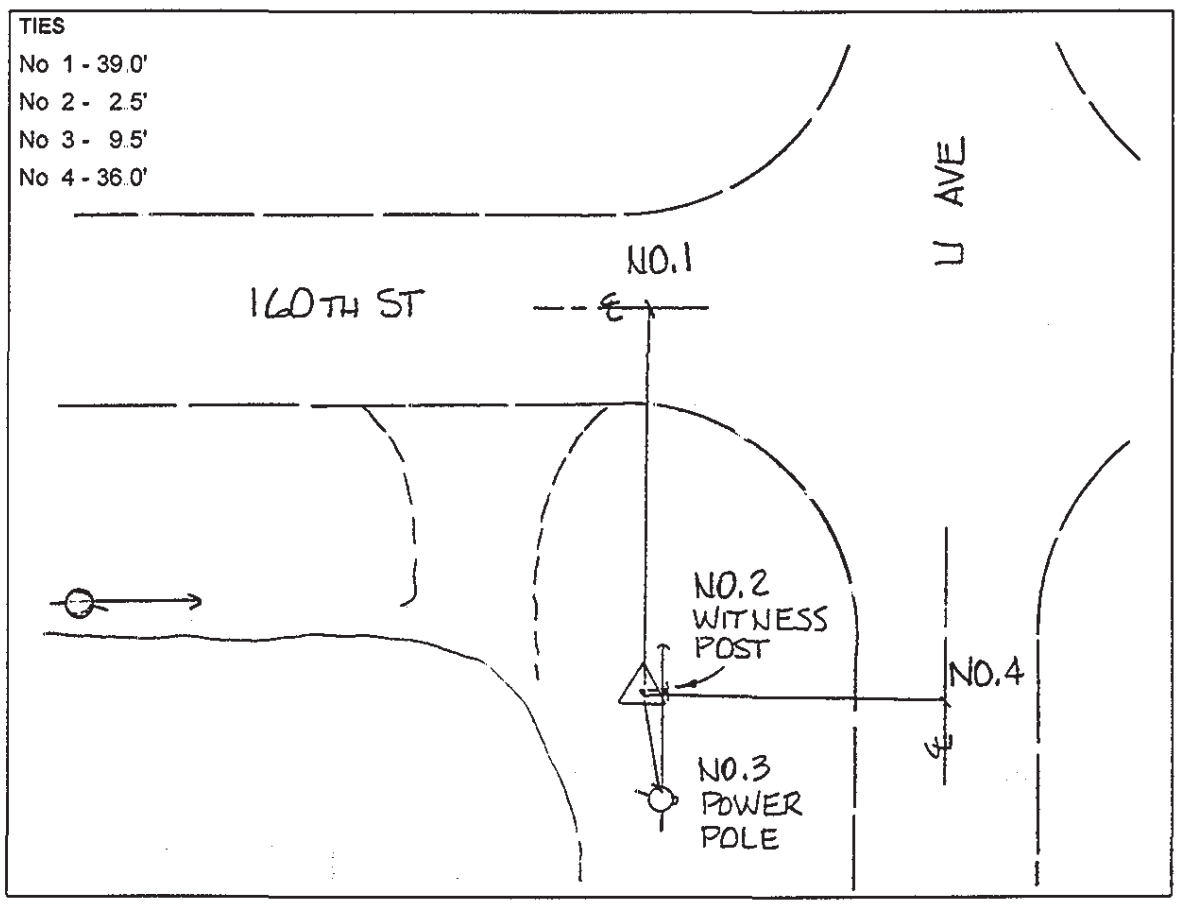
EASTING (X) 1534065.348

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) 1152.68

ELEVATION (METERS) 351.34

TIES
No 1 - 39.0'
No 2 - 2.5'
No 3 - 9.5'
No 4 - 36.0'



SECTION

SKETCH

BY DSW

DENI 9803001