GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
HARDIN COUNTY, IOWA

DESIGNATION 27 CDL GPS No. 9814 COUNTY HARDIN STATE IOWA

LOCATED IN SECTION 20 TWP 86 N RGE 22 W USGS QUAD MAP RADCLIFFE

TO REACH FROM

AT THE INTERSECTION OF 310th STREET / COUNTY HIGHWAY S27 TO EAST AND D AVENUE / COUNTY HIGHWAY S27 TO NORTH, IN THE SOUTHWEST QUADRANT.

MARK STANDARD U.S.G.S. DISK ON ROD IN 6" DIAMETER CONCRETE TILE WELL, STAMPED "27 CDL 1974"

☒ MARK EXISTING ☐ VALUES AS PUBLISHED BY

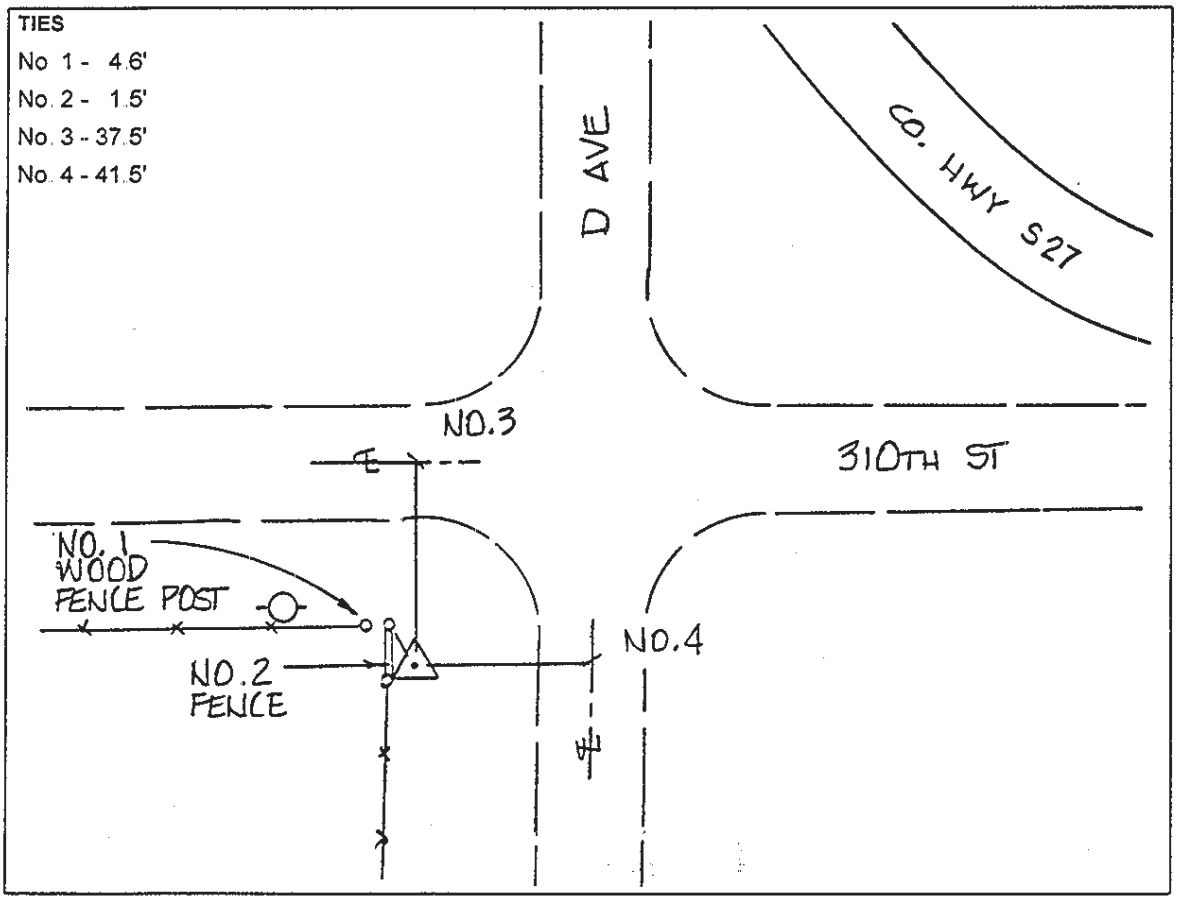
☐ MARK SET ☒ VALUES ESTABLISHED BY DENI ASSOCIATES, INC. DATE 1998

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: 0.99997145

COORDINATES (US FEET)		COORDINATES (METERS)	
NORTHING (Y)	3555109.87	NORTHING (Y)	1083599.656
EASTING (X)	4941633.48	EASTING (X)	1506212.896

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) 1207.57 ELEVATION (METERS) 368.07