GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
HARDIN COUNTY, IOWA

DESIGNATION 42 105 GPS No. 9804 COUNTY HARDIN STATE IOWA

LOCATED IN SECTION 20 TWP 87 N RGE 21 W USGS QUAD MAP HUBBARD

TO REACH FROM

AT THE "T" INTERSECTION OF U.S. HIGHWAY 65 AND 255th STREET TO EAST.

MARK U.S.C. & G.S. AND STATE SURVEY DISK IN 6" x 6" CONCRETE POST, STAMPED "42 105"

☒ MARK EXISTING ☒ VALUES AS PUBLISHED BY N.G.S.

☐ MARK SET ☐ VALUES ESTABLISHED BY DATE

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

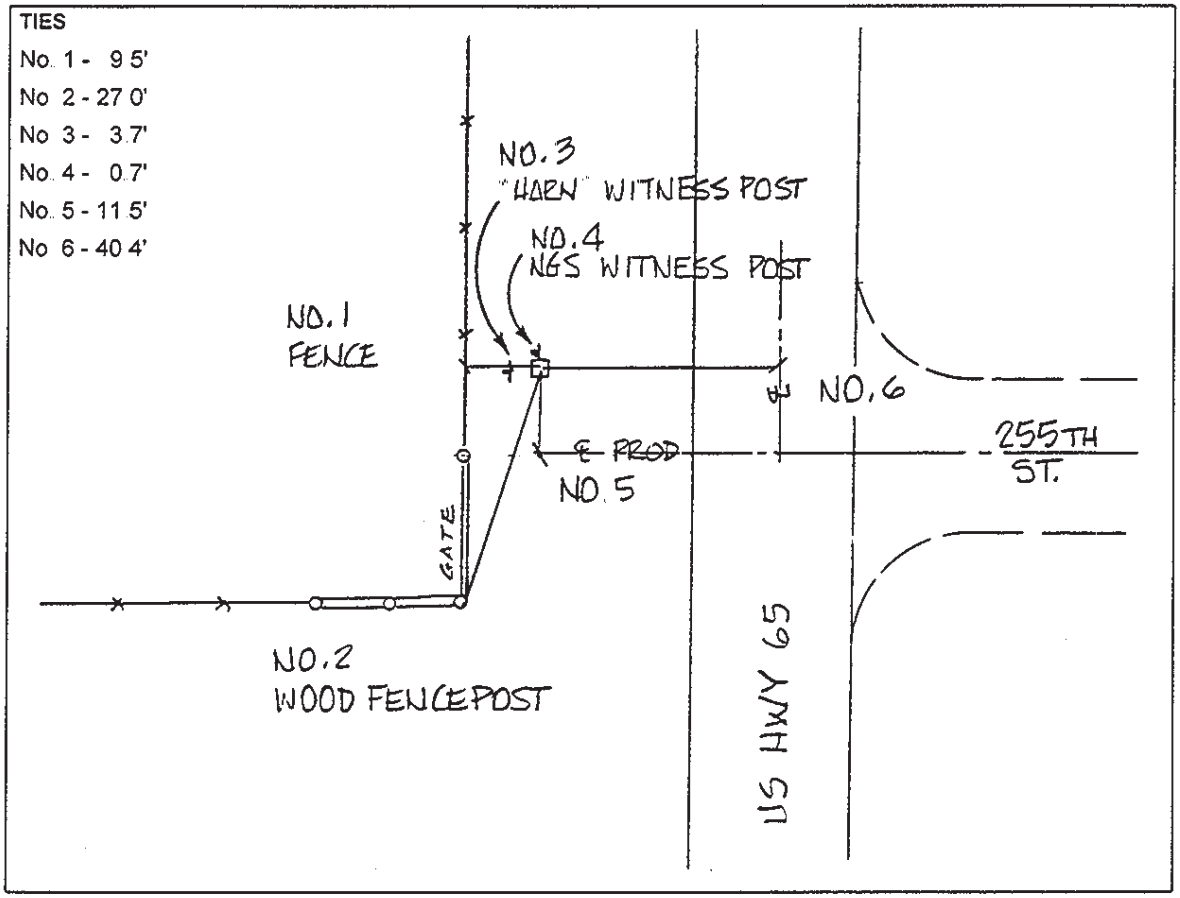
SCALE FACTOR: 0.99996242

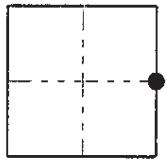
COORDINATES (US FEET)		COORDINATES (METERS)	
NORTHING (Y)	3584136.89	NORTHING (Y)	1092447.110
EASTING (X)	4972674.40	EASTING (X)	1515674.189

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) 1112.32 ELEVATION (METERS) 339.04

TIES
No. 1 - 9.5'
No. 2 - 27.0'
No. 3 - 3.7'
No. 4 - 0.7'
No. 5 - 11.5'
No. 6 - 40.4'





SECTION

SKETCH

BY DSW

DENI 9803001