GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
HARDIN COUNTY, IOWA

DESIGNATION 42 140 GPS No. 9785 COUNTY HARDIN STATE IOWA

LOCATED IN SECTION 36 TWP 89 N RGE 21 W USGS QUAD MAP BUCKEYE EAST

TO REACH FROM

AT THE "T" INTERSECTION OF U.S. HIGHWAY 20 / U.S. HIGHWAY 65 AND 150th STREET,

IN THE SOUTHWEST QUADRANT.

MARK U.S.C. & G.S. AND STATE SURVEY DISK IN 6" x 6" CONCRETE POST, STAMPED "42 140"

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

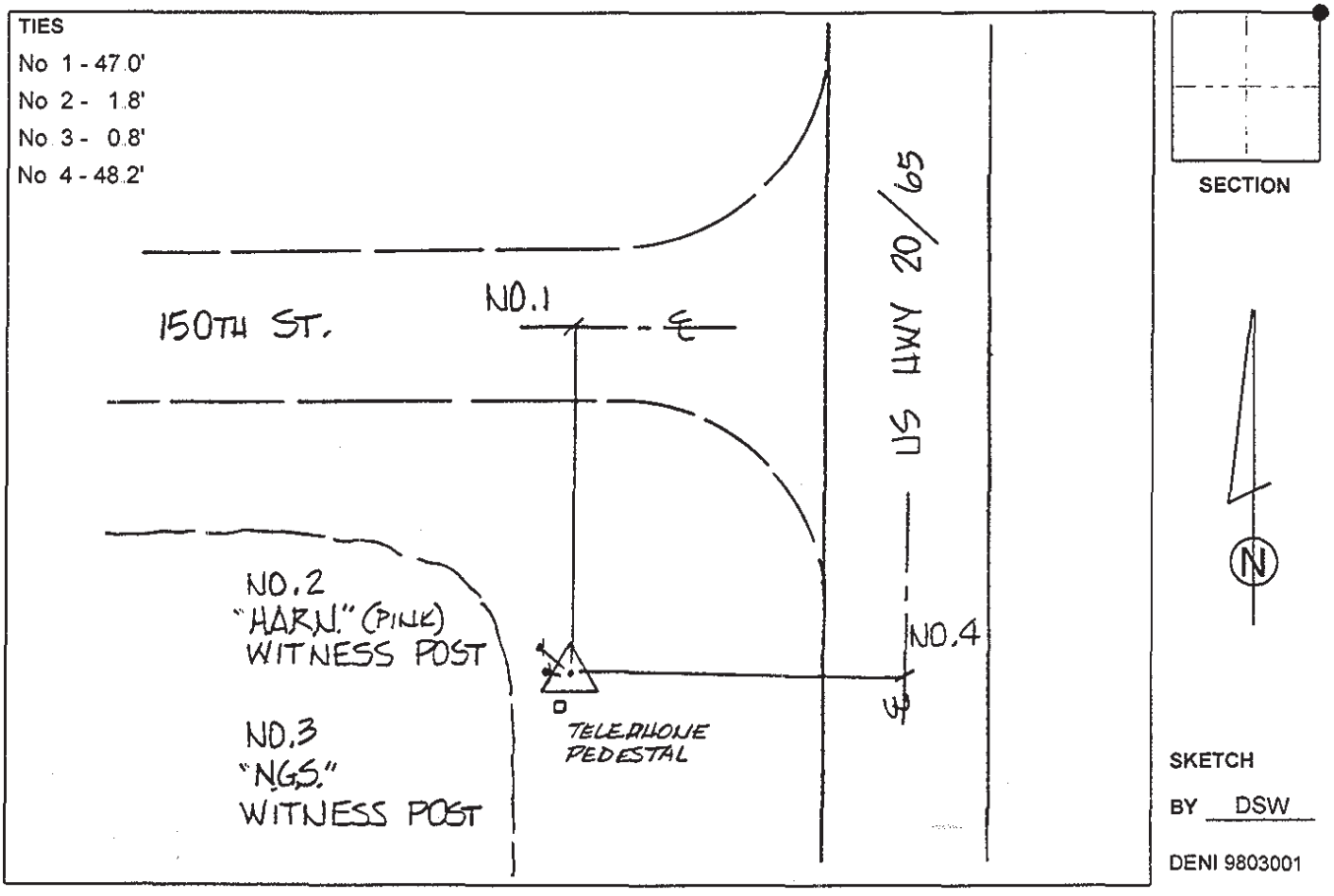
☐ MARK SET ☐ VALUES ESTABLISHED BY DATE

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: 0.99995042

COORDINATES (US FEET)		COORDINATES (METERS)	
NORTHING (Y)	3639916.55	NORTHING (Y)	1109448.782
EASTING (X)	4985275.04	EASTING (X)	1519514.872

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) 1127.83 ELEVATION (METERS) 343.76