GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
GRUNDY COUNTY, IOWA

DESIGNATION 881804 4 GPS No. 7017 COUNTY GRUNDY STATE IOWA

LOCATED IN SECTION 4 TWP 88N RGE 18W USGS QUAD MAP WELLSBURG

TO REACH FROM AT THE DOGLEG INTERSECTION OF 160TH STREET AND D AVENUE.

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 JUNE 1997

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

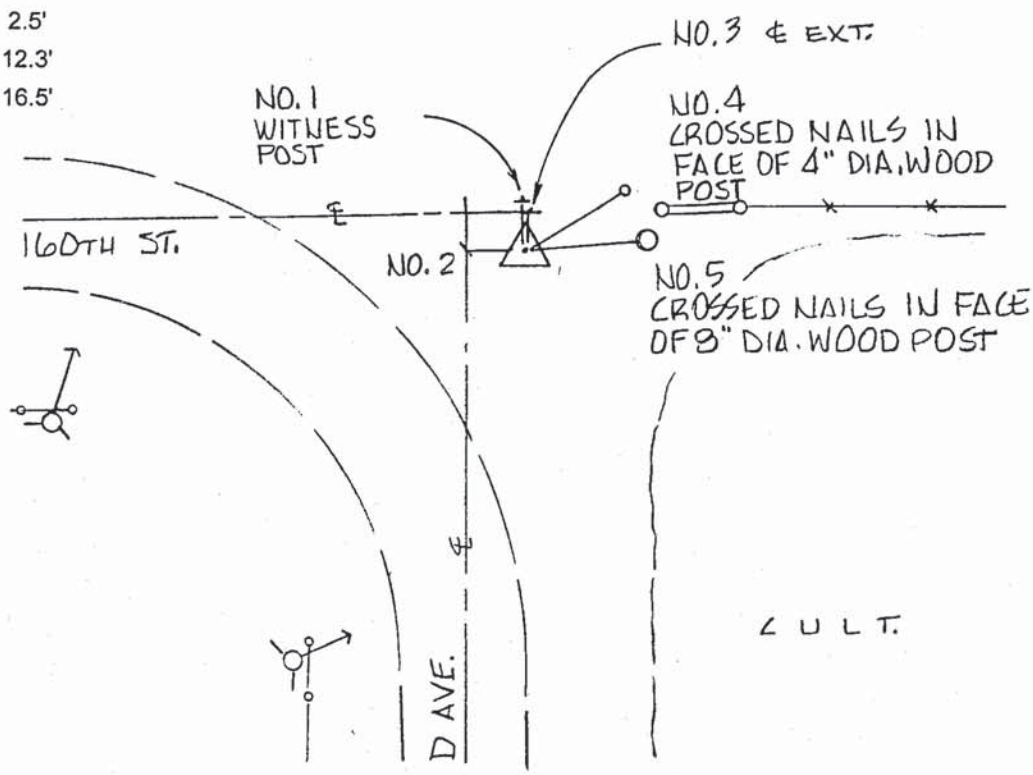
SCALE FACTOR: 0.99995126

COORDINATES (US FEET)		COORDINATES (METERS)	
NORTHING (Y)	3634969.41	NORTHING (Y)	1107940.891
EASTING (X)	5065752.86	EASTING (X)	1544044.559

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) 1062.49 ELEVATION (METERS) 323.849

TIES
No. 1 - 3.0'
No. 2 - 12.0'
No. 3 - 2.5'
No. 4 - 12.3'
No. 5 - 16.5'



SECTION

SKETCH
BY DSW

DENI 9701008