GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
GRUNDY COUNTY, IOWA

DESIGNATION 861631 3 GPS No. 7046 COUNTY TAMA STATE IOWA

LOCATED IN SECTION 31 TWP 86N RGE 16W USGS QUAD MAP CONRAD EAST

TO REACH FROM IN THE NORTHEAST QUADRANT OF 100TH STREET AND ABBOTT AVENUE NEAR THE NORTHWEST CORNER OF TAMA COUNTY ADJACENT TO GRUNDY AND MARSHALL COUNTIES.

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

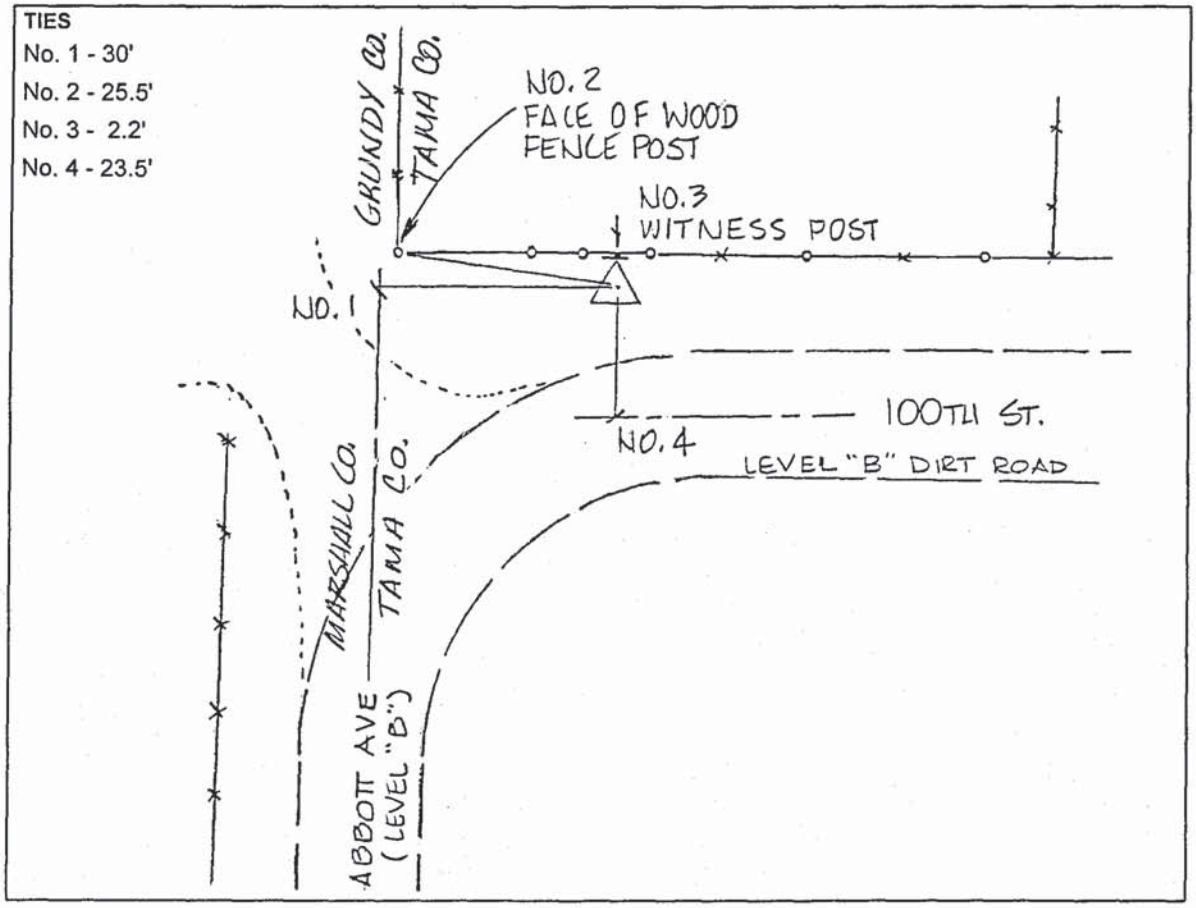
SCALE FACTOR: 0.99997704

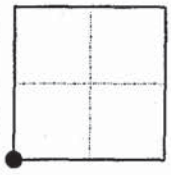
COORDINATES (US FEET)		COORDINATES (METERS)	
NORTHING (Y)	3540518.62	NORTHING (Y)	1079152.234
EASTING (X)	5119720.40	EASTING (X)	1560493.900

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) 982.30 ELEVATION (METERS) 299.406

TIES
No. 1 - 30'
No. 2 - 25.5'
No. 3 - 2.2'
No. 4 - 23.5'





SKETCH
BY DSW

DENI 9701008