GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
GRUNDY COUNTY, IOWA

DESIGNATION 861716 2 GPS No. 7030 COUNTY GRUNDY STATE IOWA

LOCATED IN SECTION 16 TWP 86N RGE 17W USGS QUAD MAP GRUNDY CENTER

TO REACH FROM IN THE NORTHWEST QUADRANT OF THE INTERSECTION OF 310TH STREET (D 65) AND K AVENUE (T 29).

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.

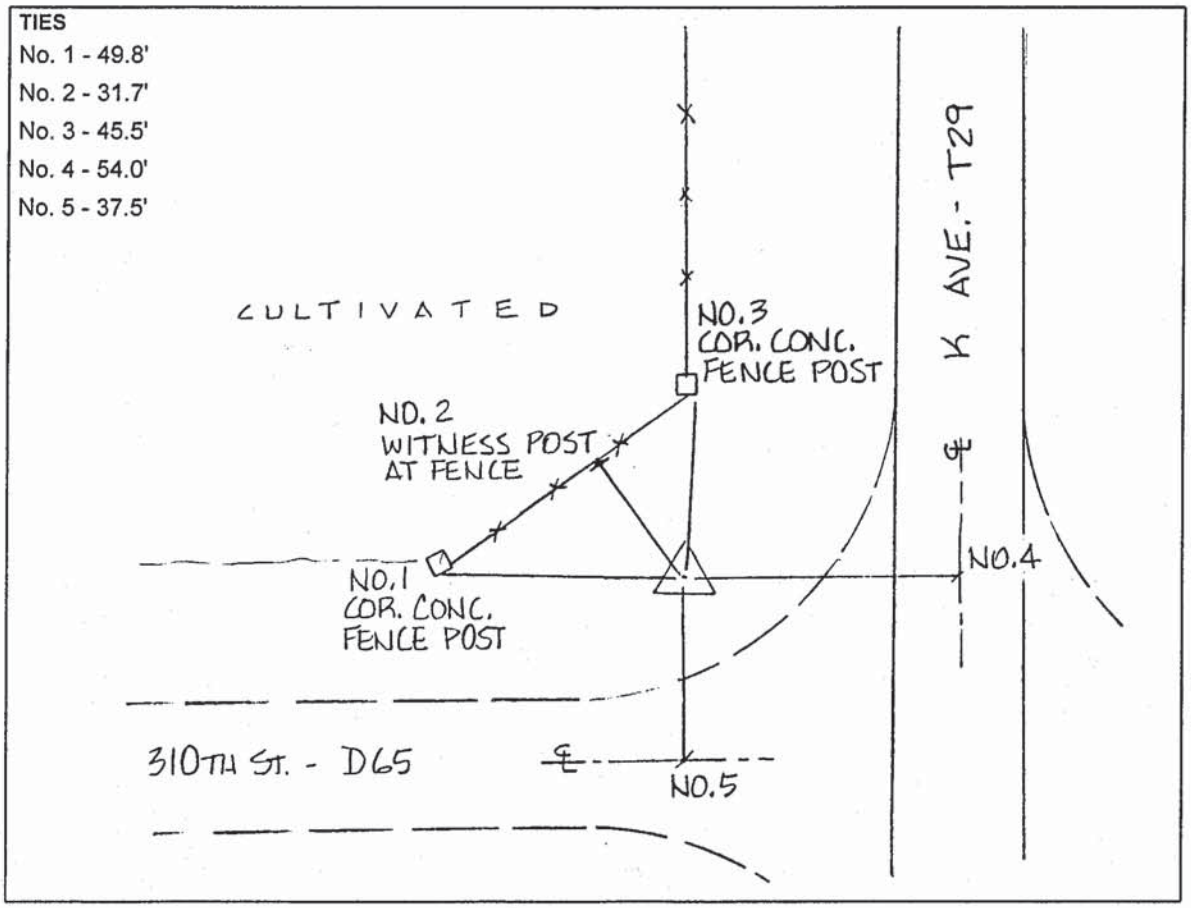
IOWA COORDINATE SYSTEM, NORTH ZONE SCALE FACTOR: 0.99997132

COORDINATES (US FEET)		COORDINATES (METERS)	
NORTHING (Y)	3556191.49	NORTHING (Y)	1083929.335
EASTING (X)	5103580.23	EASTING (X)	1555574.364

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) 1060.43 ELEVATION (METERS) 323.220

TIES
No. 1 - 49.8'
No. 2 - 31.7'
No. 3 - 45.5'
No. 4 - 54.0'
No. 5 - 37.5'



SECTION

SKETCH
BY DSW

DENI 9701008