GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
GRUNDY COUNTY, IOWA

DESIGNATION 871521 1 GPS No. 7062 COUNTY GRUNDY STATE IOWA

LOCATED IN SECTION 21 TWP 87N RGE 15W USGS QUAD MAP REINBECK

TO REACH FROM THE INTERSECTION OF HIGHWAY 175 AND W AVENUE (T 65) AT THE EAST EDGE OF REINBECK;
GO NORTH 0.9 MILE TO LONG DRIVEWAY TO WEST AND MARK.

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.

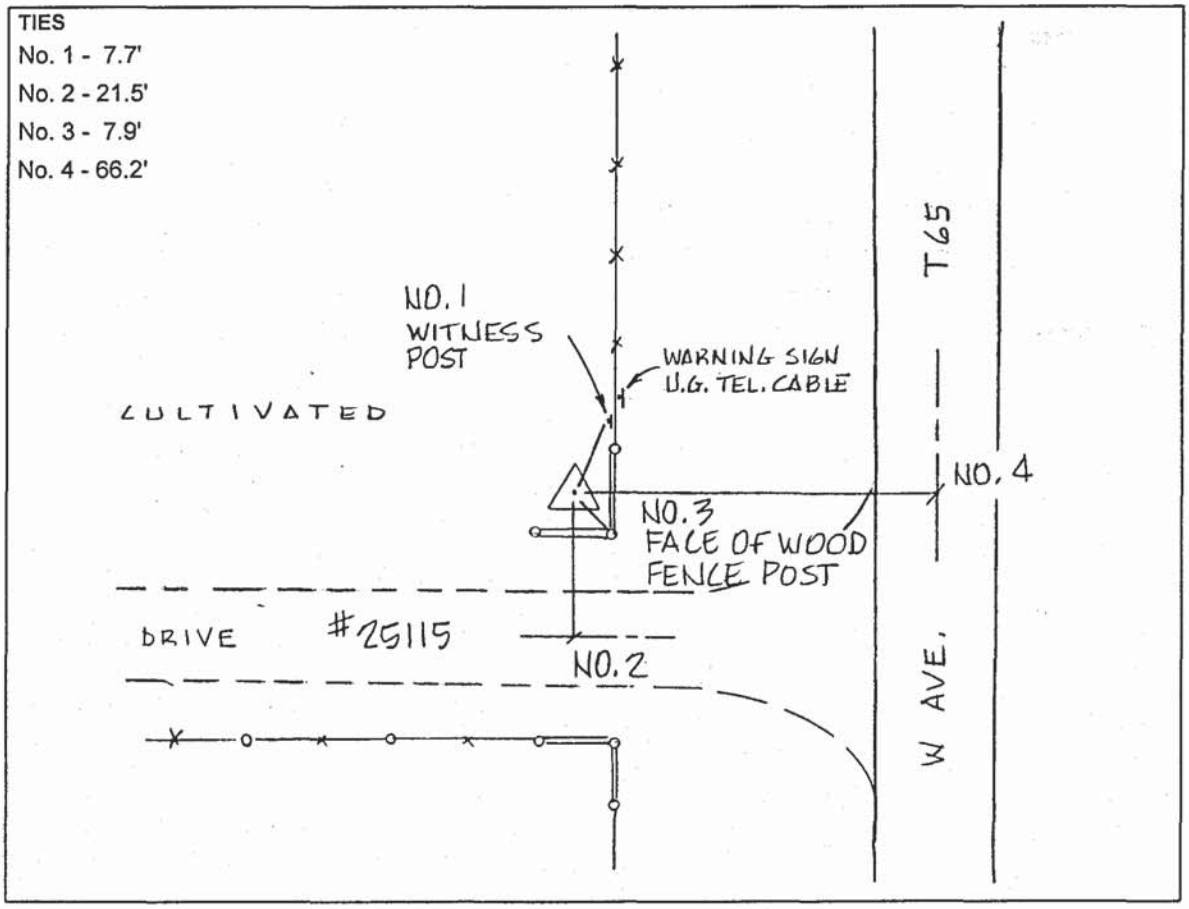
IOWA COORDINATE SYSTEM, NORTH ZONE SCALE FACTOR: 0.99996178

COORDINATES (US FEET)		COORDINATES (METERS)	
NORTHING (Y)	3587726.30	NORTHING (Y)	1093541.164
EASTING (X)	5166620.99	EASTING (X)	1574789.227

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) 923.06 ELEVATION (METERS) 281.350

TIES
No. 1 - 7.7'
No. 2 - 21.5'
No. 3 - 7.9'
No. 4 - 66.2'



SECTION

SKETCH
BY DSW

DENI 9701008