GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
HARDIN COUNTY IOWA

DESIGNATION 862131 3 GPS No. 8030 COUNTY HARDIN STATE IOWA

LOCATED IN SECTION 31 TWP 86 N RGE 21 W USGS QUAD MAP ZEARING

TO REACH FROM

AT THE INTERSECTION OF 340th STREET AND H AVENUE IN THE NORTHEAST QUADRANT.

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 1998

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

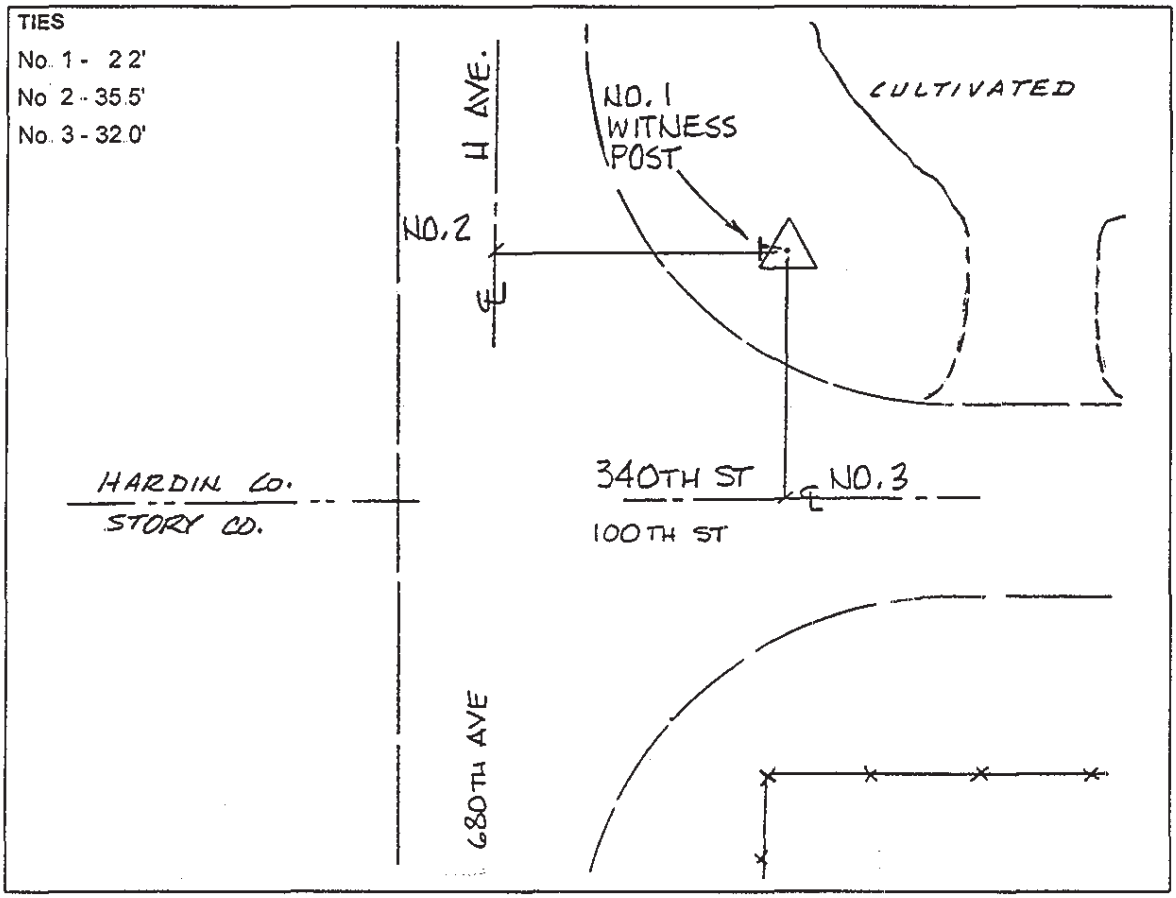
SCALE FACTOR: 0.99997717

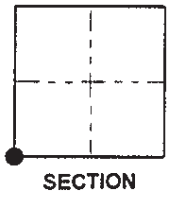
COORDINATES (US FEET)		COORDINATES (METERS)	
NORTHING (Y)	3539361.00	NORTHING (Y)	1078799.389
EASTING (X)	4962836.94	EASTING (X)	1512675.724

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) 1147.72 ELEVATION (METERS) 349.83

TIES
No. 1 - 22'
No. 2 - 35.5'
No. 3 - 32.0'





SKETCH
BY DSW

DENI 9803001