

# GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:  
THE SIDWELL COMPANY  
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE  
COUNTY ENGINEER  
HARDIN COUNTY, IOWA

DESIGNATION 892233 3 GPS No. 8004 COUNTY HARDIN STATE IOWA

LOCATED IN SECTION 33 TWP 89 N RGE 22 W USGS QUAD MAP BUCKEYE WEST

TO REACH FROM THE INTERSECTION OF COUNTY HIGHWAY D25 / 160th STREET AND C AVENUE TO SOUTH;  
GO WEST 0.7 MILE TO FARM COMPLEX TO NORTH 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 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: <u>0.99995124</u>
COORDINATES (US FEET)		COORDINATES (METERS)
NORTHING (Y) <u>3634641.02</u>		NORTHING (Y) <u>1107840.800</u>
EASTING (X) <u>4932268.75</u>		EASTING (X) <u>1503358.522</u>

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) 1143.21                      ELEVATION (METERS) 348.45

