

GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
GREENE COUNTY, IOWA

DESIGNATION 853120 2 GPS No. A080 COUNTY GREENE STATE IOWA

LOCATED IN SECTION 20 TWP 85 N RGE 31 W USGS QUAD MAP CHURDAN

TO REACH FROM THE INTERSECTION OF 140TH STREET/E19/STATE HIGHWAY 4 AND I AVENUE/STATE HIGHWAY 4/
FITZPATRICK AT CHURDAN, GO WEST ON 140TH STREET/E19 0.25 MILE TO AN UNNAMED GRAVEL ROAD (OLD
RAILROAD GRADE); THEN NORTH 0.1 MILE; THEN WEST TO THE SOUTHWEST CORNER OF THE GREENE CO. ROAD
DEPT. GARAGE'S GRAVEL LOT AND THE MARK. IN HIGHLAND TOWNSHIP, IN THE TOWN OF CHURDAN.

MARK 3-1/4" ALUMINUM DISC SET IN 10" DIAMETER POURED-IN-PLACE CONCRETE MONUMENT

MARK EXISTING VALUES AS PUBLISHED BY _____

MARK SET VALUES ESTABLISHED BY DENI ASSOCIATES, INC. DATE OCTOBER 2000

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: 0.99998548

COORDINATES (US FEET) COORDINATES (METERS)

NORTHING (Y) 3520262.30 NORTHING (Y) 1072978.096

EASTING (X) 4655344.29 EASTING (X) 1418951.778

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) 1115.63 ELEVATION (METERS) 340.05

