GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
DICKINSON COUNTY, IOWA

DESIGNATION 983806 4 GPS NO. 8005 COUNTY DICKINSON STATE IOWA
LOCATED IN SECTION 6 TWP 98 N RANGE 38 W USGS QUAD MAP MAY CITY
THE STATION IS
AT THE SOUTHEAST CORNER OF THE INTERSECTION BETWEEN 210TH STREET AND 100TH AVENUE.

MARK BERNTSEN MONUMENT WITH 2-1/2" ALUMINUM DISK ON ROD WITH 6" ACCESS COVER

☐ MARK EXISTING ☐ VALUES AS PUBLISHED BY
☑ MARK SET ☑ VALUES ESTABLISHED BY Patrick Engineering Inc. DATE August, 2002

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.

LATITUDE NORTH	43° 20' 31.660095"
LONGTITUDE WEST	95° 23' 14.759875"
ELLIPSOID HEIGHT (meter)	409.241 * (Based on GEOID99 Model)

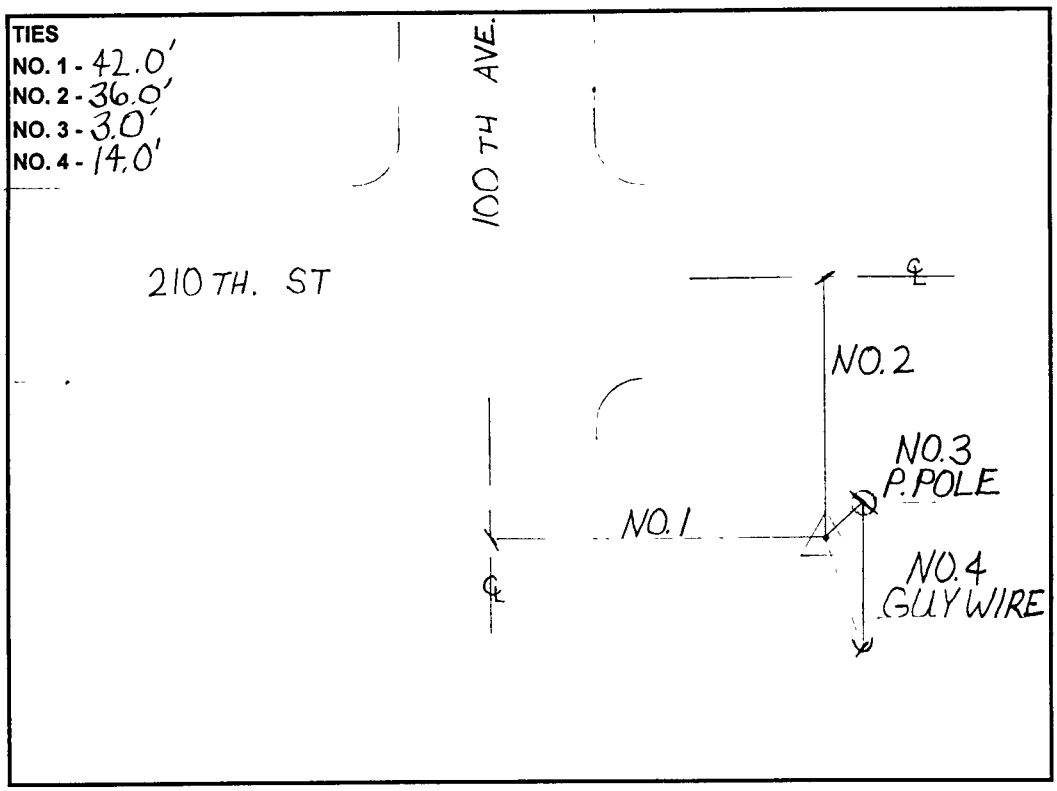
IOWA COORDINATE SYSTEM, NORTH ZONE

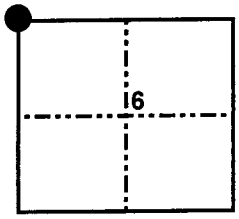
CONVERGENCE ANGLE	-1° 16' 45.11"
SCALE FACTOR	0.999950

COORDINATES (US FEET)		COORDINATES (METERS)	
NORTHING (Y)	3957781.31	NORTHING (Y)	1206334.156
EASTING (X)	4419164.34	EASTING (X)	1346963.985

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) 1433.20 ELEVATION (METERS) 436.840





SECTION MAP

SKETCH BY CCS

PATRICK 09-2002