GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
DICKINSON COUNTY, IOWA

DESIGNATION	1003535 2	**GPS NO.**	SUPERIOR	**COUNTY**	DICKINSON	**STATE**	IOWA
LOCATED IN SECTION	35 **TWP**	100 N	**RANGE**	35 W	**USGS QUAD MAP**		SUPERIOR

THE STATION IS

LOCATED NORTHWESTERLY OF THE INTERSECTION BETWEEN FIFTH AVENUE AND FOURTH STREET IN THE TOWN OF SUPERIOR.

MARK BERNTSEN MONUMENT WITH 3-1/4" 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

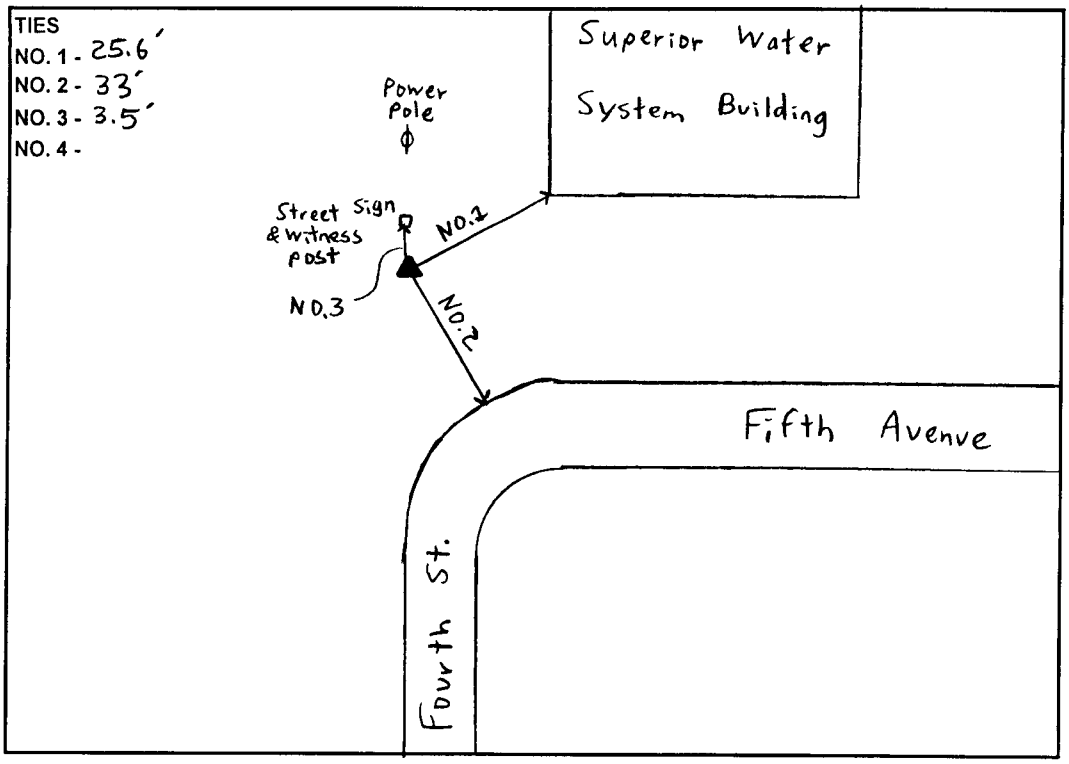
HORIZONTAL VALUES ORIGINATED ON ORDER "B" IOWA HIGH ACCURACY REFERENCE NETWORK (HARN) CONTROL ESTABLISHED BY THE NATIONAL GEODETIC SURVEY AND BASED ON THE NORTH AMERICAN DATUM OF 1983, 1996 ADJUSTMENT.

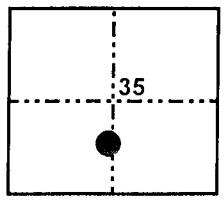
LATITUDE NORTH	43° 26' 03.342603"
LONGITUDE WEST	94° 56' 39.441186"
ELLIPSOID HEIGHT (meter)	430 103 * (Based on GEOID99 Model)

IOWA COORDINATE SYSTEM, NORTH ZONE		**CONVERGENCE ANGLE**	0° 58' 43 89"
		SCALE FACTOR	0 999967
COORDINATES (US FEET)		**COORDINATES (METERS)**	
NORTHING (Y)	3989037.28	**NORTHING (Y)**	1215860.995
EASTING (X)	4537607.84	**EASTING (X)**	1383065.636

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)	1503.17	**ELEVATION (METERS)**	458 167





SECTION MAP

SKETCH BY SL

PATRICK 09-2002