GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
CLAY COUNTY, IOWA

DESIGNATION 943831 3 GPS No. 7009 COUNTY CLAY STATE IOWA

LOCATED IN SECTION 31 TWP 94 N RGE 38 W USGS QUAD MAP SUTHERLAND EAST

TO REACH FROM

NEAR THE SOUTHWEST CORNER OF CLAY COUNTY; NORTHEAST OF THE INTERSECTION OF THE CENTER LINES OF 510TH STREET AND 100TH AVENUE EXTENDED AND SOUTHWEST OF ROAD.

MARK 3-1/4" ALUMINUM DISK SET IN POURED-IN-PLACE CONCRETE MONUMENT WITH 10" PVC COLLAR

☐ MARK EXISTING ☐ VALUES AS PUBLISHED BY

☒ MARK SET ☒ VALUES ESTABLISHED BY DENI ASSOCIATES, INC. DATE OCTOBER 1997

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

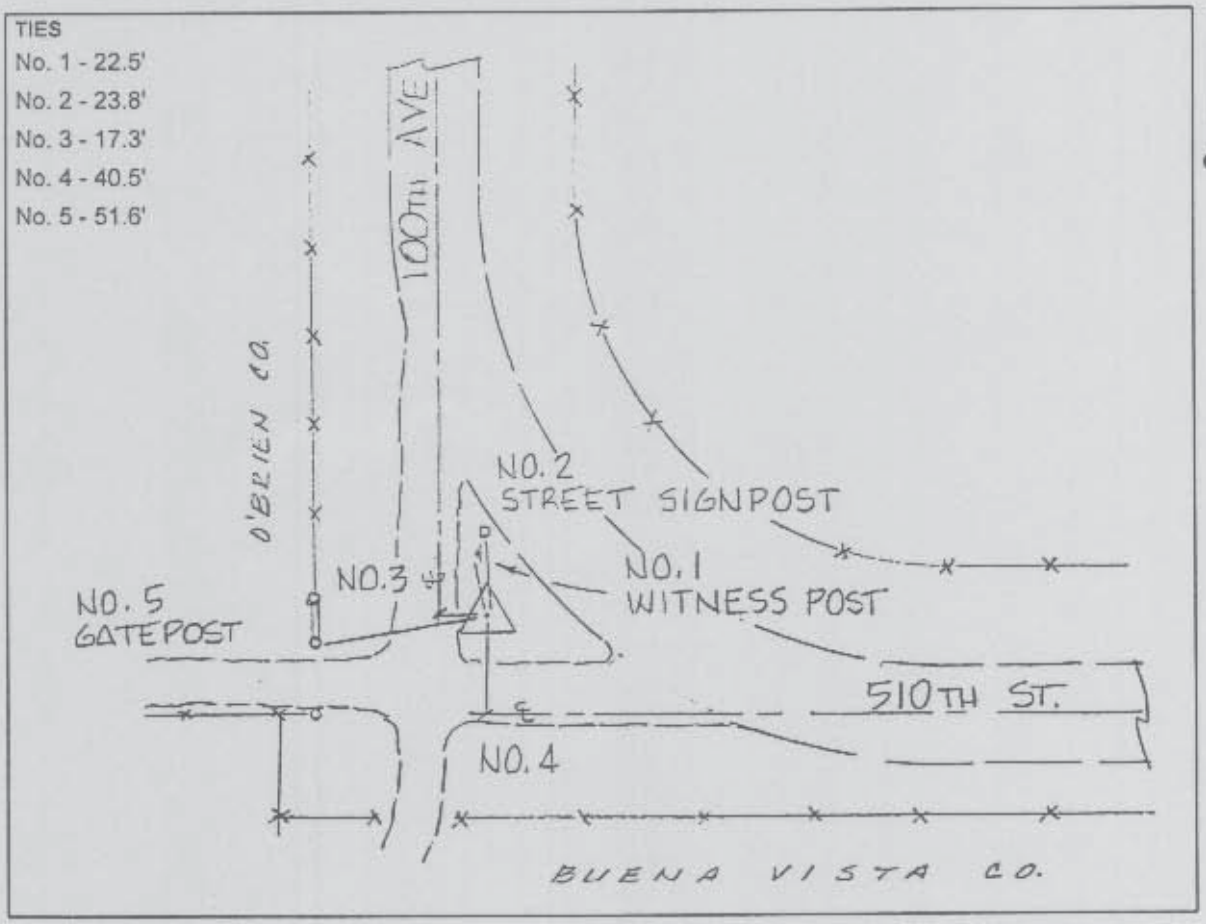
SCALE FACTOR: 0.99995429

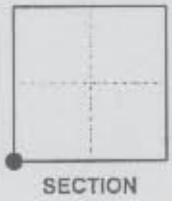
COORDINATES (US FEET)		COORDINATES (METERS)	
NORTHING (Y)	3800284.847	NORTHING (Y)	1158329.138
EASTING (X)	4415460.936	EASTING (X)	1345835.185

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) 1374.69 ELEVATION (METERS) 419.007

TIES
No. 1 - 22.5'
No. 2 - 23.8'
No. 3 - 17.3'
No. 4 - 40.5'
No. 5 - 51.6'





SKETCH
BY DSW

DENI 9709001