GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
HARDIN COUNTY, IOWA

DESIGNATION 882133 2 GPS No. 8035 COUNTY HARDIN STATE IOWA

LOCATED IN SECTION 33 TWP 88 N RGE 21 W USGS QUAD MAP BUCKEYE EAST

TO REACH FROM

AT THE INTERSECTION OF 220th AVENUE AND K AVENUE IN THE NORTHWEST QUADRANT.

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

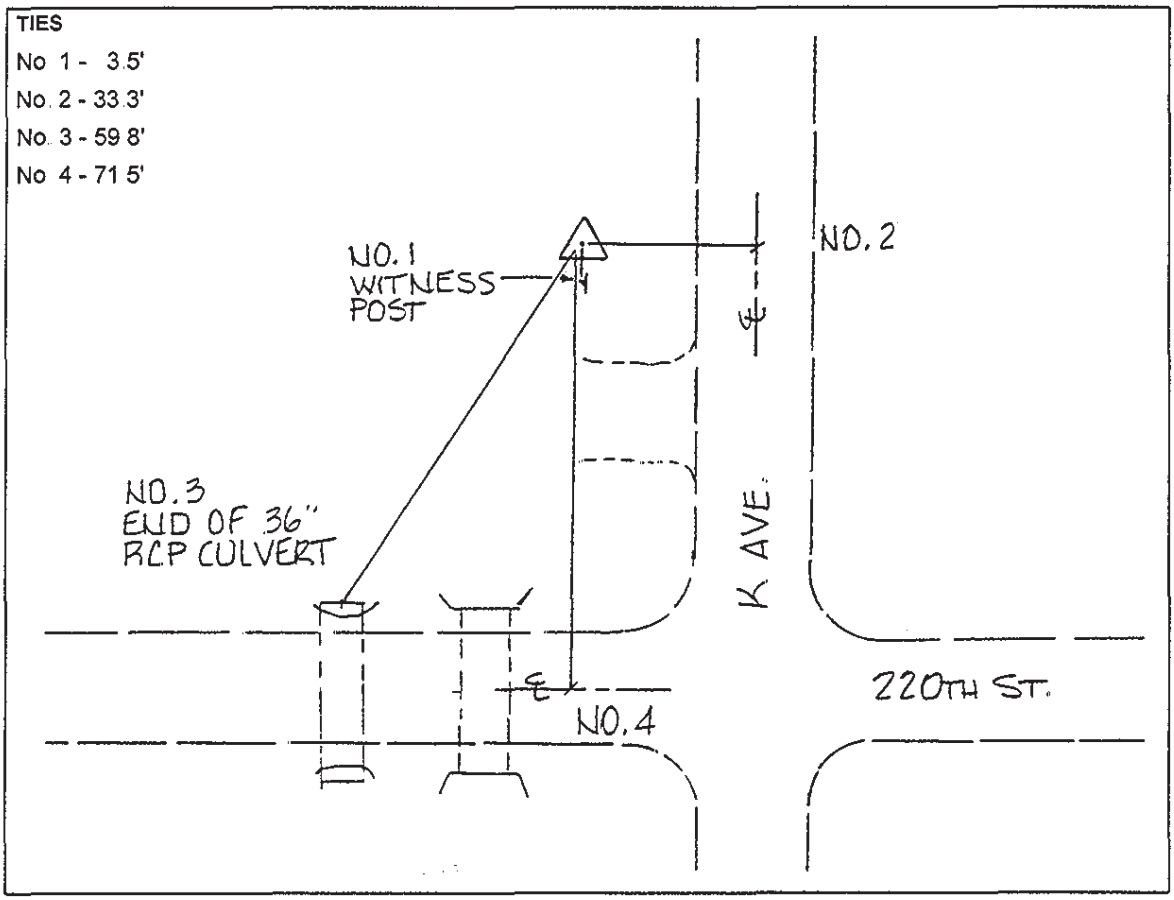
SCALE FACTOR: 0.99995761

COORDINATES (US FEET)		COORDINATES (METERS)	
NORTHING (Y)	3602815.41	NORTHING (Y)	1098140.332
EASTING (X)	4977852.29	EASTING (X)	1517252.412

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) 1117.53 ELEVATION (METERS) 340.62

TIES
No 1 - 3.5'
No. 2 - 33.3'
No. 3 - 59 8'
No 4 - 71 5'



SECTION

SKETCH
BY DSW

DENI 9803001