GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
CLAY COUNTY, IOWA

DESIGNATION 953813 2 GPS No. 7024 COUNTY CLAY STATE IOWA

LOCATED IN SECTION 13 TWP 95 N RGE 38 W USGS QUAD MAP ROYAL

TO REACH FROM

IN THE NORTHWEST QUADRANT OF THE INTERSECTION OF 420TH STREET

AND 160TH AVENUE / COUNTY ROAD M36, SOUTHEAST OF ROYAL.

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

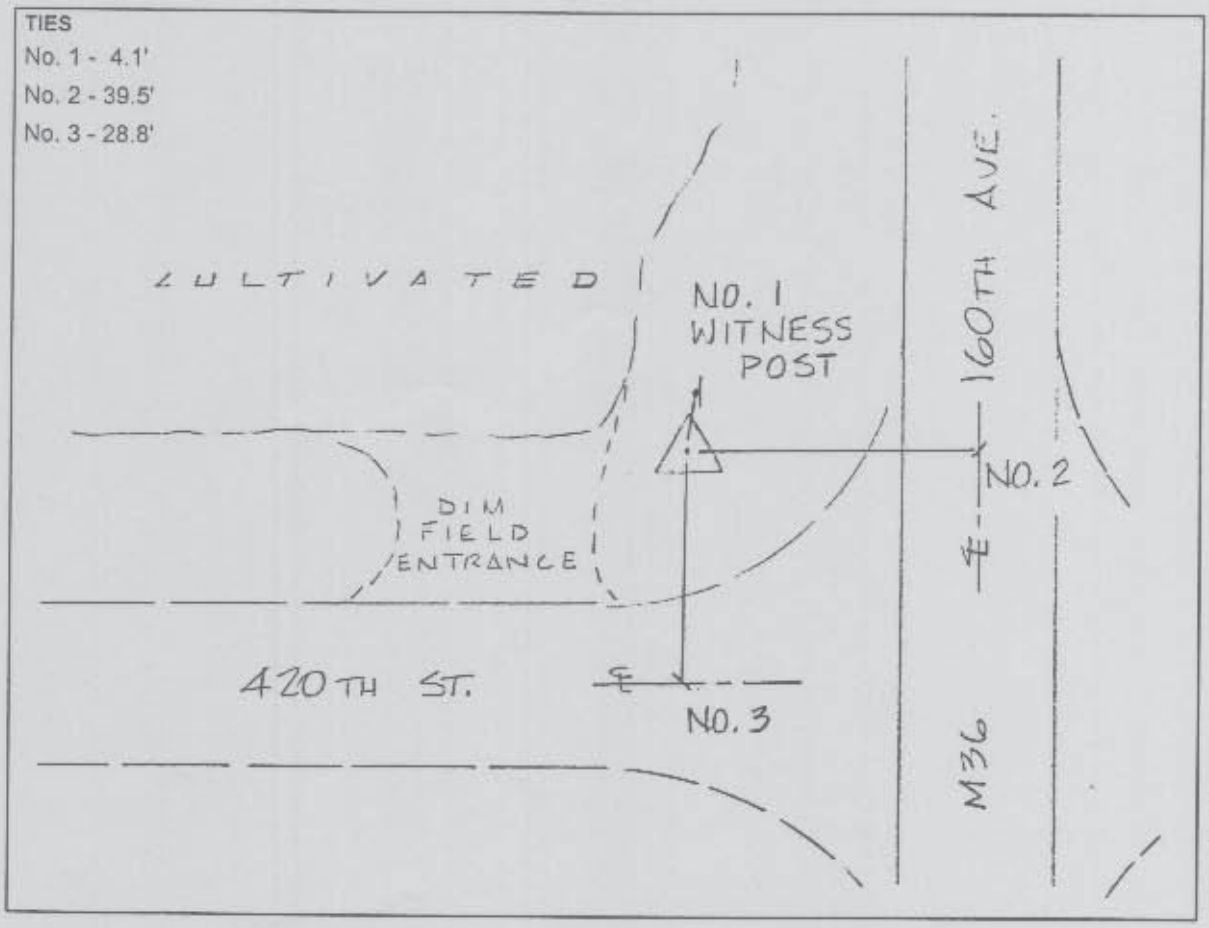
SCALE FACTOR: 0.99996639

COORDINATES (US FEET)		COORDINATES (METERS)	
NORTHING (Y)	3846825.263	NORTHING (Y)	1172514.685
EASTING (X)	4448092.873	EASTING (X)	1355781.419

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) 1411.81 ELEVATION (METERS) 430.322

TIES
No. 1 - 4.1'
No. 2 - 39.5'
No. 3 - 28.8'



SKETCH
BY DSW

DENI 9709001