GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
CLAY COUNTY, IOWA

DESIGNATION NGS SCHUCK GPS No. 9718 COUNTY CLAY STATE IOWA

LOCATED IN SECTION 2 TWP 95 N RGE 38 W USGS QUAD MAP ROYAL

TO REACH FROM INTERSECTION OF 400TH STREET / B40 AND 140TH AVENUE WESTERLY OF ROYAL; GO EAST 0.2 MILE TO MARK.

MARK STANDARD U.S.C. & G.S. BRONZE DISK IN CONCRETE

☒ 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

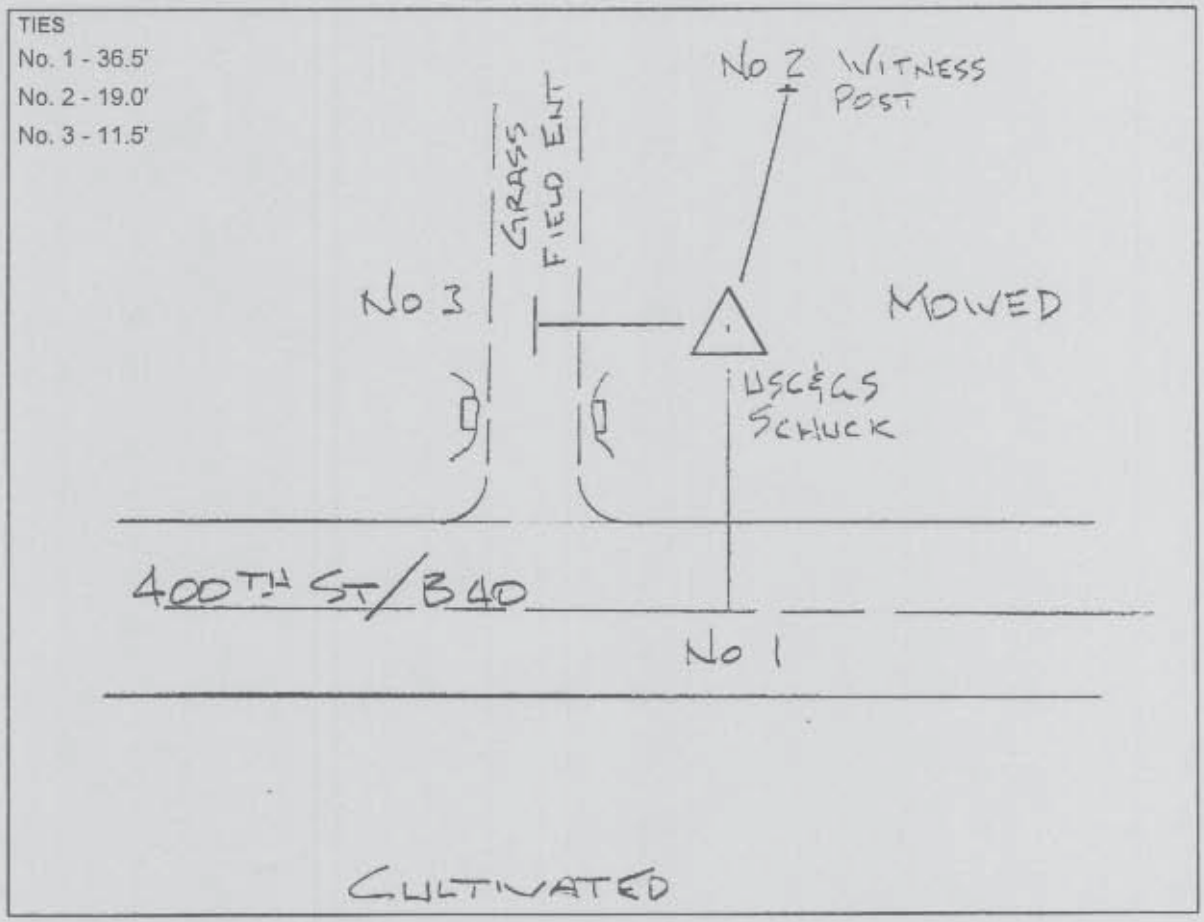
SCALE FACTOR: 0.99996983

COORDINATES (US FEET)		COORDINATES (METERS)	
NORTHING (Y)	3857672.455	NORTHING (Y)	1175820.916
EASTING (X)	4438940.904	EASTING (X)	1352991.893

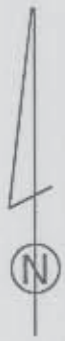
VERTICAL VALUES ORIGINATED ON VERTICAL CONTROL ESTABLISHED BY THE NATIONAL GEODETIC SURVEY AND / OR THE U.S. GEOLOGICAL SURVEY AND BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988.

ELEVATION (US FEET) 1415.17 ELEVATION (METERS) 431.345

TIES
No. 1 - 36.5'
No. 2 - 19.0'
No. 3 - 11.5'



SECTION



SKETCH
BY DSW

DENI 9709001