

GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF
THE COUNTY ENGINEER
APPANOOSE COUNTY, IOWA

DESIGNATION 701631 3 GPS No. 8017 COUNTY APPANOOSE STATE IOWA

LOCATED IN SECTION 31 TWP 70 N RGE 16 W USGS QUAD MAP UNIONVILLE

TO REACH FROM THE INTERSECTION OF 450th STREET AND 294th STREET, WEST OF UNIONVILLE;

CONTINUE WESTERLY ON 450th STREET 1.15 MILES TO 284th AVENUE; THEN GO SOUTH 0.25 MILE TO MARK.

MARK 3-1/4" ALUMINUM DISK SET IN 10" 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, SOUTH ZONE SCALE FACTOR: 0.99997119

COORDINATES (US FEET) COORDINATES (METERS)

NORTHING (Y) 296975.01 NORTHING (Y) 90518.163

EASTING (X) 1848517.84 EASTING (X) 563429.365

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) 841.75 ELEVATION (METERS) 256.57

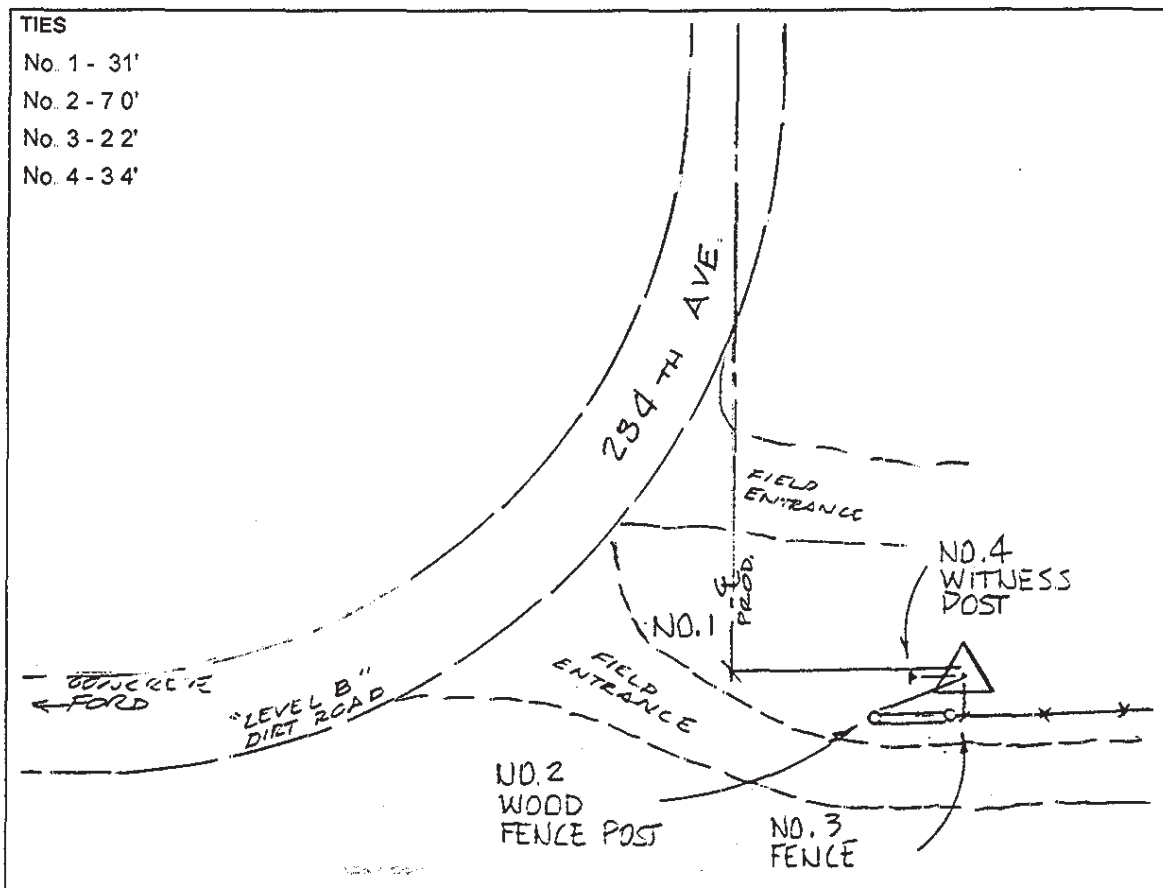
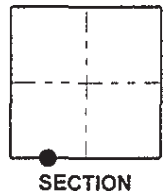
TIES

No. 1 - 31'

No. 2 - 70'

No. 3 - 22'

No. 4 - 34'



SKETCH

BY DSW

DENI 9805002