GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
GRUNDY COUNTY, IOWA

DESIGNATION 891621 1 **GPS No.** 7052 **COUNTY** GRUNDY **STATE** IOWA

LOCATED IN SECTION 21 **TWP** 89N **RGE** 16W **USGS QUAD MAP** STOUT

TO REACH FROM THE INTERSECTION OF 130TH STREET AND P AVENUE ; GO SOUTH 0.2 MILE TO GRAIN STORAGE COMPLEX TO WEST AND MARK.

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** JUNE 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:** 0.99994913

COORDINATES (US FEET)

NORTHING (Y) 3649866.20

EASTING (X) 5128526.20

COORDINATES (METERS)

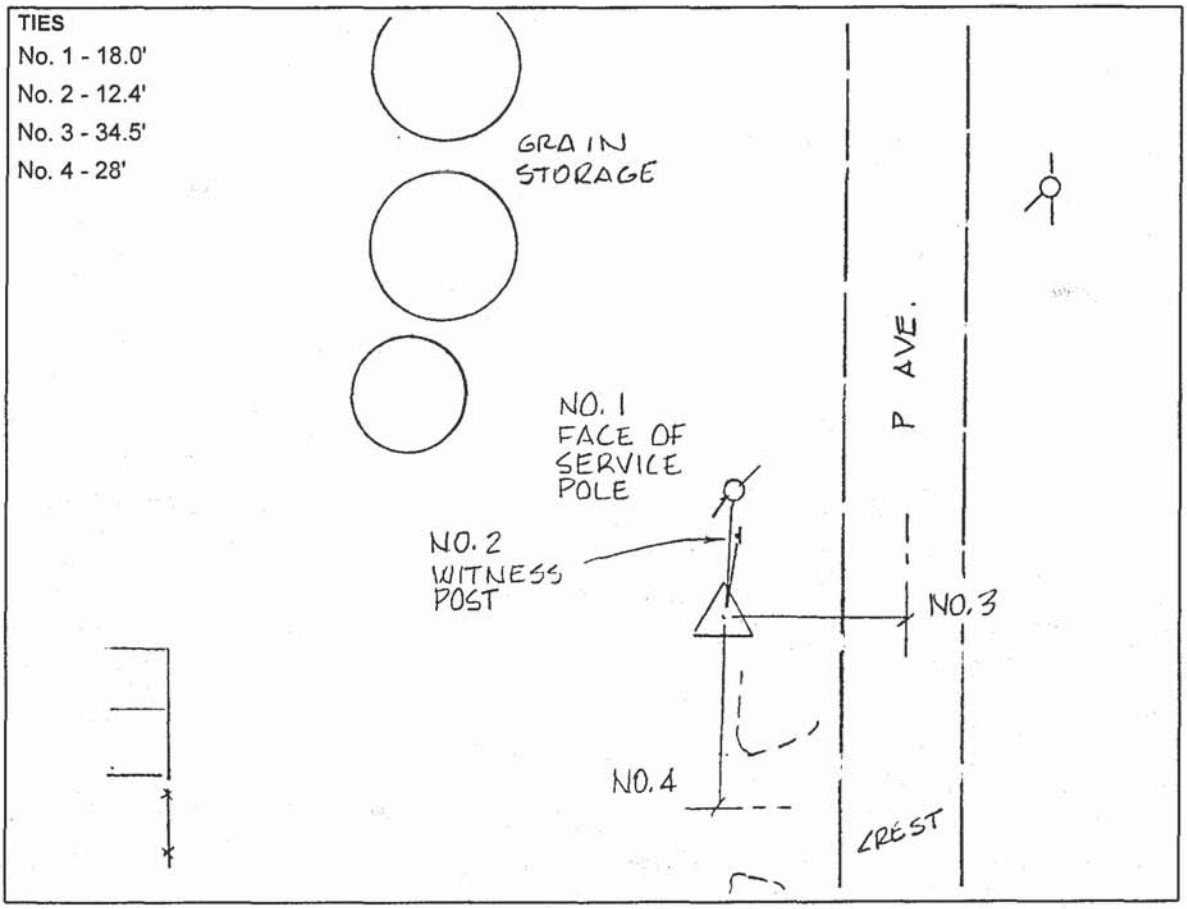
NORTHING (Y) 1112481.443

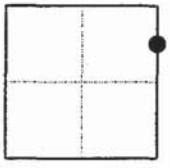
EASTING (X) 1563177.912

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) 1045.87 **ELEVATION (METERS)** 318.783

TIES
No. 1 - 18.0'
No. 2 - 12.4'
No. 3 - 34.5'
No. 4 - 28'





SECTION

SKETCH

BY DSW

DENI 9701008