

**Grundy County, Iowa**

Horizontal Datum: **NAD 83(NA2011)** - Vertical Datum: **NAVD 1988**

Iowa State Plane North Zone (1401)

Iowa Regional Coordinate System, Zone 5, Waterloo LCC

US Survey Feet

**09/30/18**

Point Name: **7069**

**Designation:** Black Hawk Co. GPS Control Pt. 94-082 (Set by ASI in 1994)

NAD 83(NA2011) Latitude: **N42°30'48.21287"** Longitude: **W92°33'15.14821"**

NAVD 88 Ortho Height: **966.230sft** Ellip. Ht: **862.348sft** **Geoid12B**

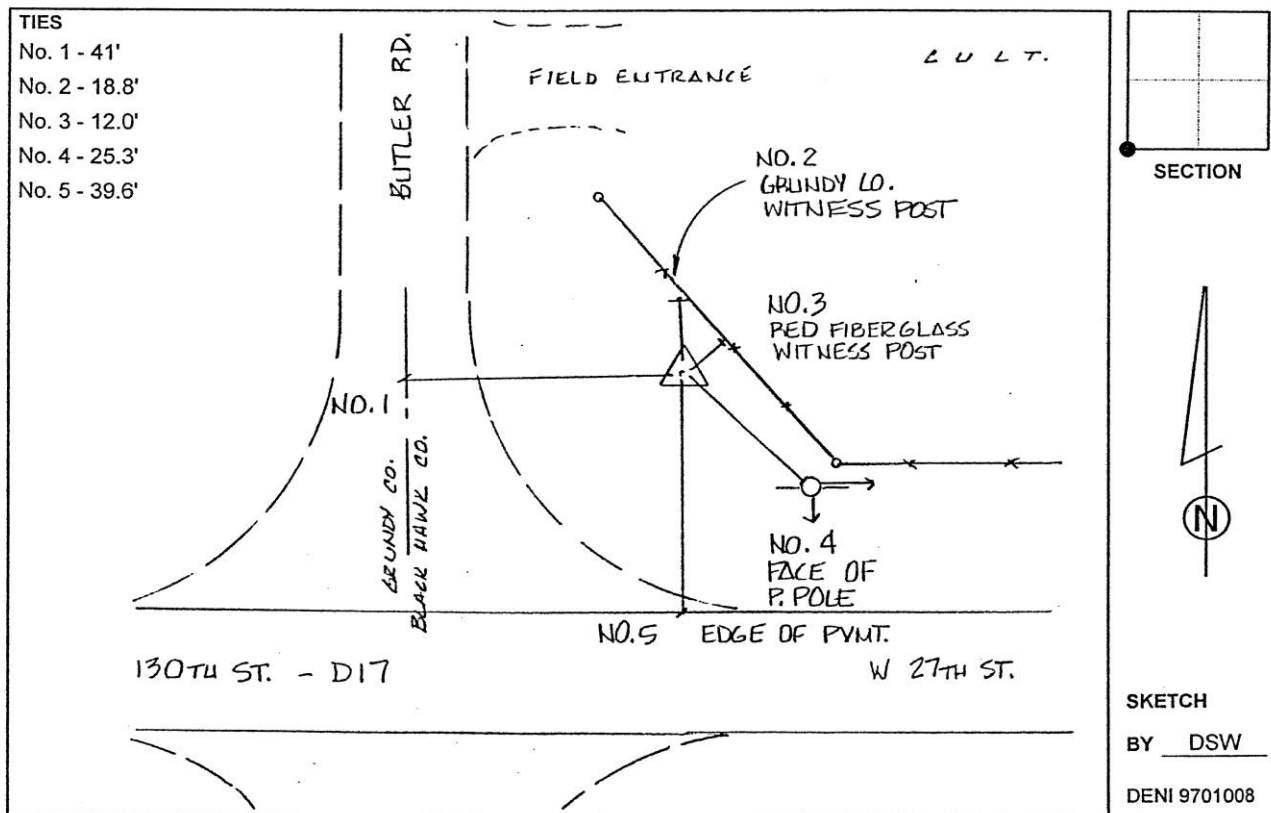
**Iowa North Zone (1401)** Northing: **3651562.444sft** Easting: **5176239.651sft**

Mapping Angle: **0°38'28"** Combination Scale Factor: **0.9999077569**

**IaRCS Zone 5** Northing: **8850359.270sft** Easting: **15417975.678sft**

Mapping Angle: **-0°12'22"** Combination Scale Factor: **0.9999936079**

**Monument Type:** 2-1/2" dia. Black Hawk County aluminum cap on 5/8" aluminum rod in 5" PVC pipe casing with aluminum access cover.



*This document was prepared by Dan Corbin, Inc. on March 11<sup>th</sup>, 2019 for Grundy County, Iowa.*