

Butler 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

11/10/18

Point Name: **169**

Designation: Butler Co 98-169 (Set by ASI in 1998)

NAD 83(NA2011) Latitude: **N42°43'48.13361"** Longitude: **W92°33'13.82226"**

NAVD 88 Ortho Height: **944.370sft**

Ellip. Ht: **840.591sft**

Geoid12B

Iowa North Zone (1401) Northing: **3730511.071sft** Easting: **5175455.329sft**

Mapping Angle: **0°38'29"**

Combination Scale Factor: **0.9999057812**

IaRCS Zone 5 Northing: **8929317.689sft**

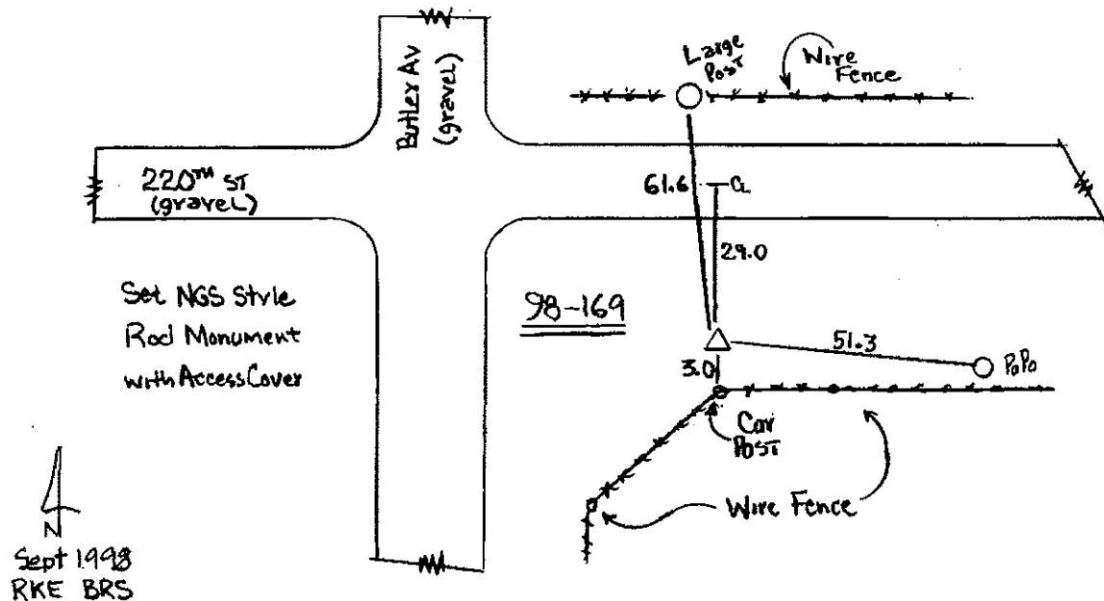
Easting: **15418358.679sft**

Mapping Angle: **-0°12'21"**

Combination Scale Factor: **0.9999927915**

Monument Type: 5/8" dia. driven aluminum rod with a 2-1/2"dia. aluminum cap and permanenet magnet encased in a 5"dia. PVC pipe with an aluminum access cover.

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