

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: **149**

Designation: Butler Co 98-149 (Set by ASI in 1998)

NAD 83(NA2011) Latitude: **N42°54'25.01480"** Longitude: **W92°40'21.59437"**

NAVD 88 Ortho Height: **1010.160sft** Ellip. Ht: **906.890sft** **Geoid12B**

Iowa North Zone (1401) Northing: **3794647.897sft** Easting: **5142900.534sft**

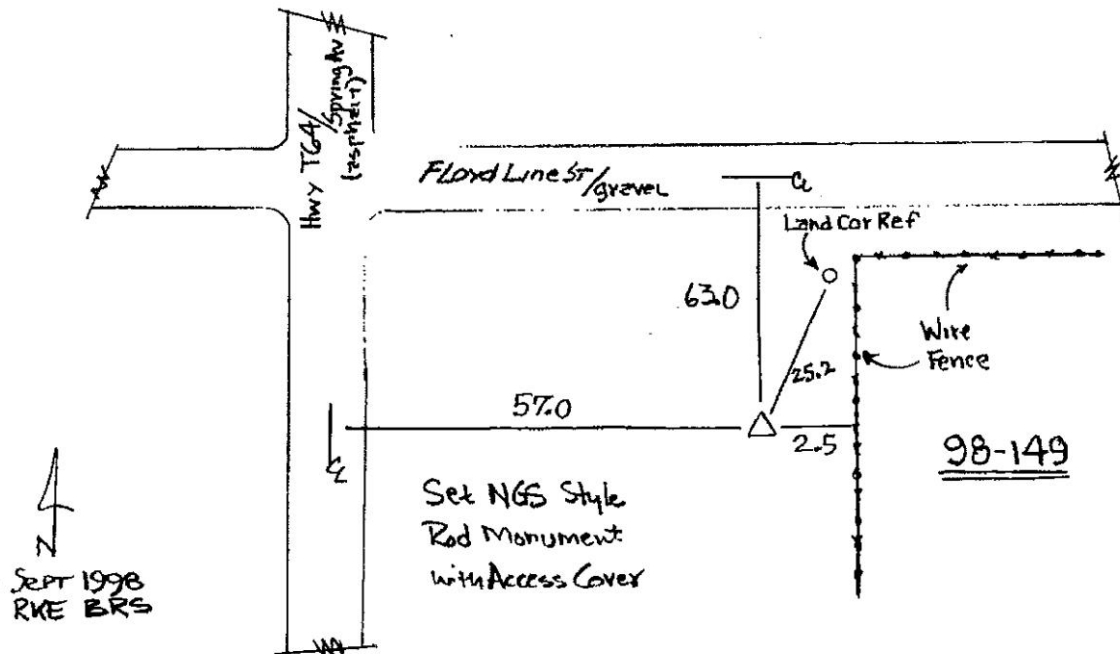
Mapping Angle: **0°33'39"** Combination Scale Factor: **0.9999107234**

IaRCS Zone 5 Northing: **8993934.452sft** Easting: **15386752.883sft**

Mapping Angle: **-0°17'11"** Combination Scale Factor: **0.9999986841**

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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