

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: **108**

Designation: Butler Co 98-108 (Set by ASI in 1998)

NAD 83(NA2011) Latitude: **N42°36'01.69048"** Longitude: **W93°01'36.73799"**

NAVD 88 Ortho Height: **1026.970sft** Ellip. Ht: **924.313sft** **Geoid12B**

Iowa North Zone (1401) Northing: **3682225.960sft** Easting: **5048631.840sft**

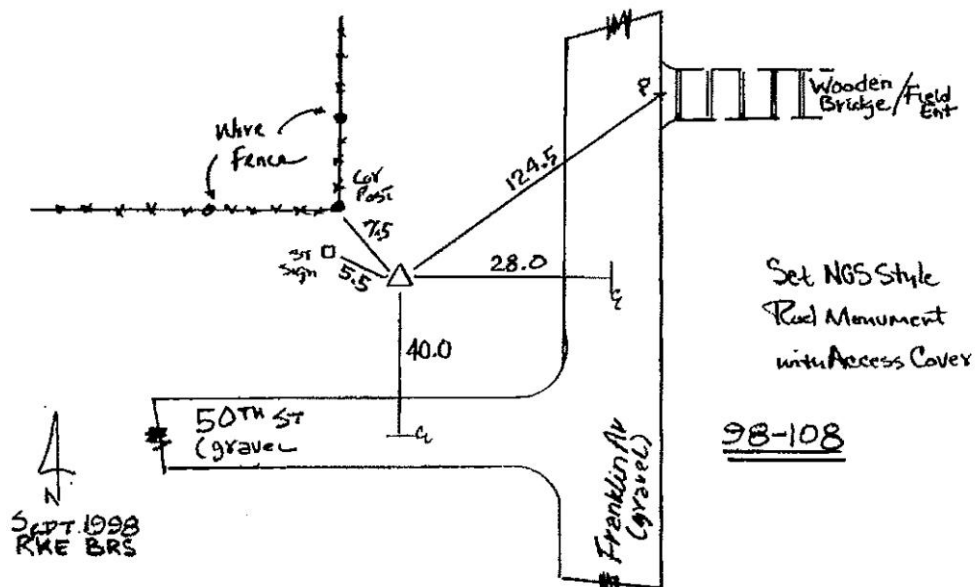
Mapping Angle: **0°19'14"** Combination Scale Factor: **0.9999018727**

IaRCS Zone 5 Northing: **8882908.717sft** Easting: **15290824.178sft**

Mapping Angle: **-0°31'35"** Combination Scale Factor: **0.9999881887**

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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