

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: **164**

Designation: Butler Co 98-164 (Set by ASI in 1998)

NAD 83(NA2011) Latitude: **N42°35'58.02024"** Longitude: **W92°36'49.33502"**

NAVD 88 Ortho Height: **923.436sft** Ellip. Ht: **819.319sft** **Geoid12B**

Iowa North Zone (1401) Northing: **3682748.814sft** Easting: **5159871.001sft**

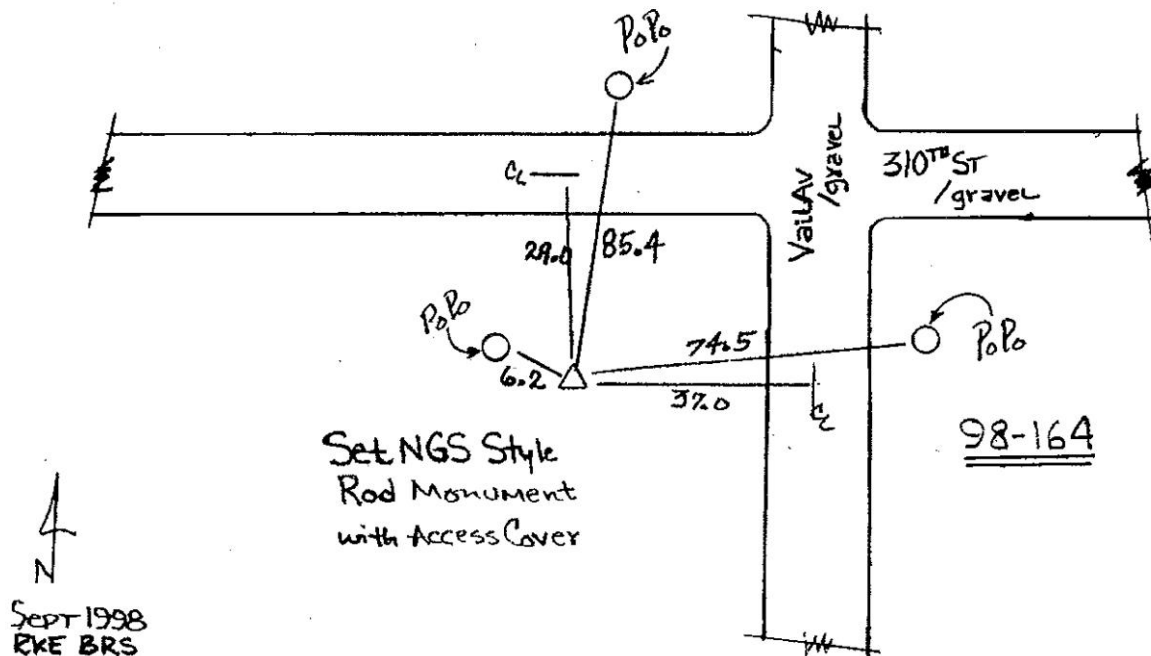
Mapping Angle: **0°36'02"** Combination Scale Factor: **0.9999069118**

IaRCS Zone 5 Northing: **8881786.935sft** Easting: **15402068.514sft**

Mapping Angle: **-0°14'47"** Combination Scale Factor: **0.9999932228**

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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