

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: **133**

Designation: Butler Co 98-133 (Set by ASI in 1998)

NAD 83(NA2011) Latitude: **N42°54'23.24965"** Longitude: **W92°48'01.45640"**

NAVD 88 Ortho Height: **999.540sft** Ellip. Ht: **896.659sft** **Geoid12B**

Iowa North Zone (1401) Northing: **3794160.142sft** Easting: **5108680.305sft**

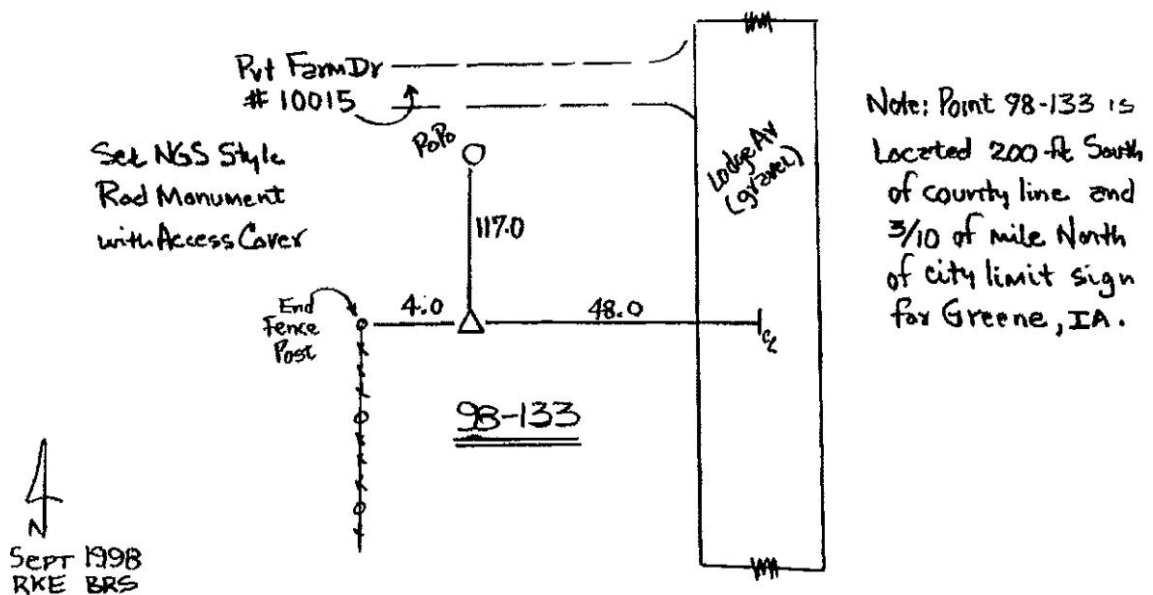
Mapping Angle: **0°28'27"** Combination Scale Factor: **0.9999111767**

IaRCS Zone 5 Northing: **8993952.651sft** Easting: **15352526.173sft**

Mapping Angle: **-0°22'22"** Combination Scale Factor: **0.9999991349**

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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