

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: **148**

Designation: Butler Co 98-148 (Set by ASI in 1998)

NAD 83(NA2011) Latitude: **N42°35'55.51084"** Longitude: **W92°43'54.88645"**

NAVD 88 Ortho Height: **989.730sft** Ellip. Ht: **885.272sft** Geoid12B

Iowa North Zone (1401) Northing: **3682183.388sft** Easting: **5128048.438sft**

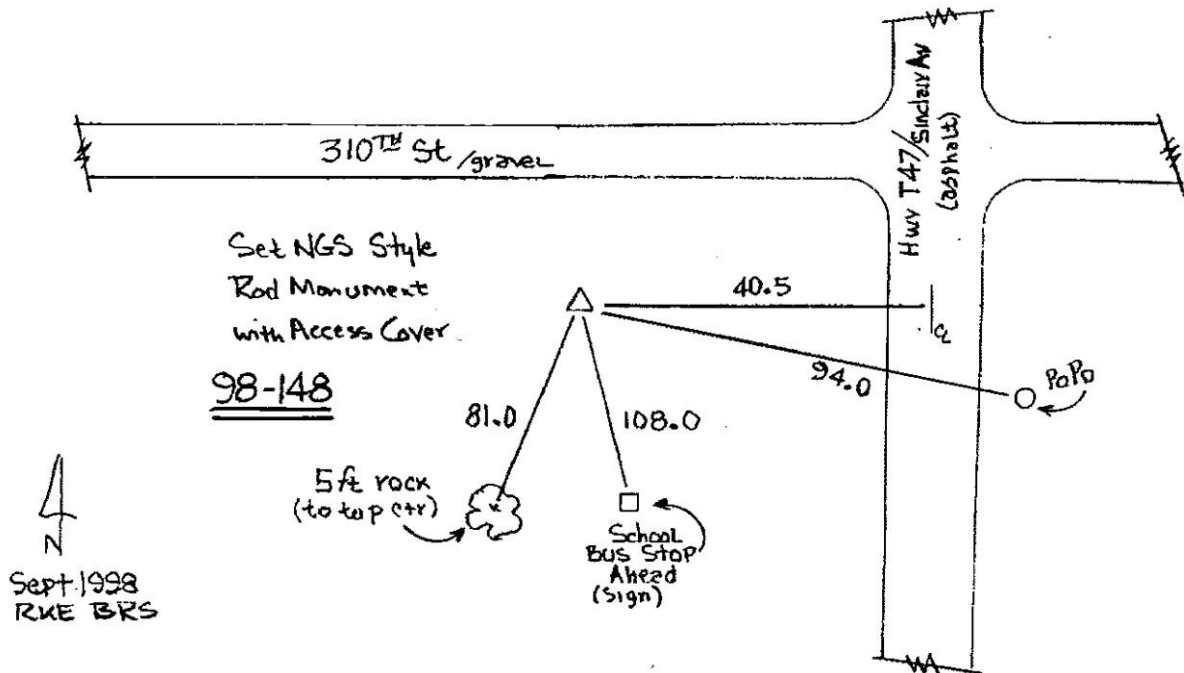
Mapping Angle: **0°31'14"** Combination Scale Factor: **0.9999037741**

IaRCS Zone 5 Northing: **8881692.024sft** Easting: **15370238.323sft**

Mapping Angle: **-0°19'35"** Combination Scale Factor: **0.9999900811**

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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