

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: **158**

Designation: Butler Co 98-158 (Set by ASI in 1998)

NAD 83(NA2011) Latitude: **N42°51'43.07793"**

Longitude: **W92°36'49.18800"**

NAVD 88 Ortho Height: **977.020sft**

Ellip. Ht: **873.487sft**

Geoid12B

Iowa North Zone (1401) Northing: **3778415.057sft**

Easting: **5158878.961sft**

Mapping Angle: **0°36'03"**

Combination Scale Factor: **0.9999093546**

IaRCS Zone 5 Northing: **8977465.715sft**

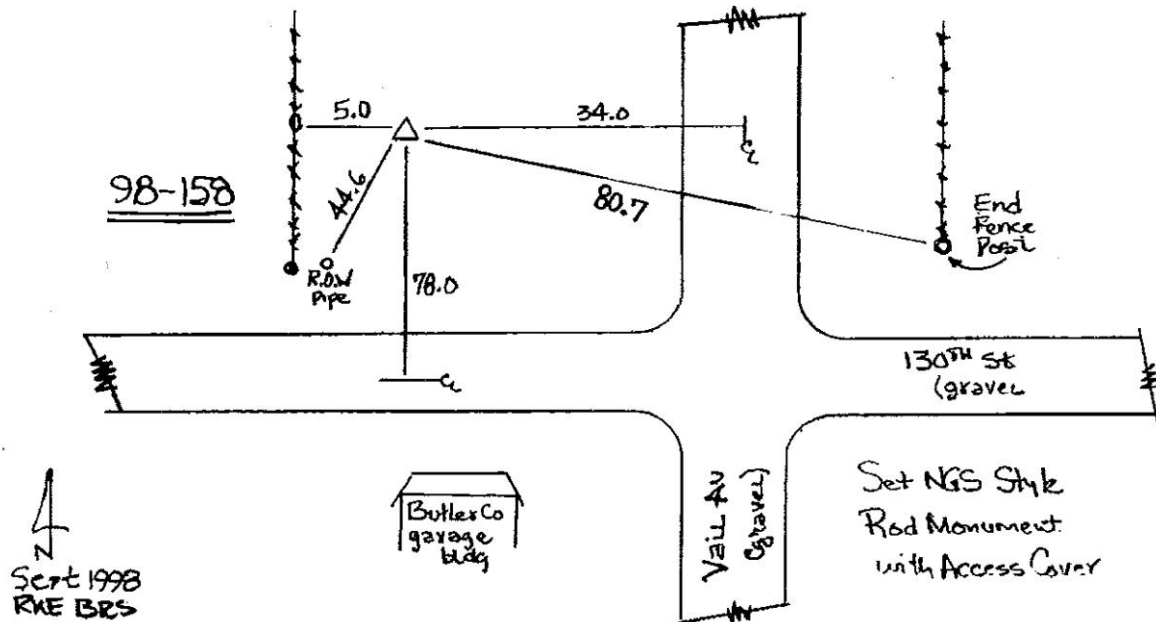
Easting: **15402490.960sft**

Mapping Angle: **-0°14'47"**

Combination Scale Factor: **0.9999970734**

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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