

**Louisa County, Iowa**  
 Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**  
 Iowa State Plane South Zone (1402)  
 Iowa Regional Coordinate System Zone 14 Burlington TM  
 US Survey Feet  
**2015**

Point Name: **231**

**Designation:** 99-231 Des Moines Co GPS Control Pt. (set by ASI in 1999)

NAD 83(NA2011) Latitude: **N41°04'27.53711"** Longitude: **W91°15'20.93142"**  
 NAVD 88 Ortho Height: **764.180** sft Ellip. Ht: **655.619**sft **Geoid12A**

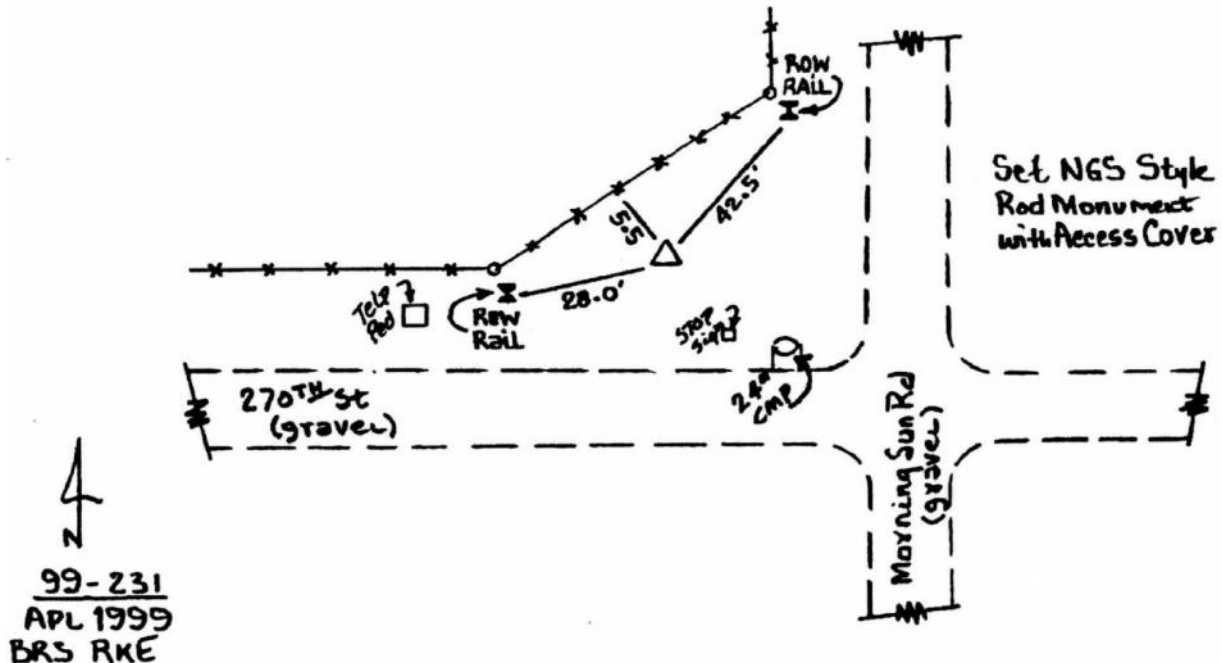
Iowa South Zone (1402) Northing: **399387.784**sft Easting: **2259091.748**sft  
 Mapping Angle: **1°28'42"** Combination Scale Factor: **0.999919515**

IaRCS Zone 14 Northing: **6500326.782**sft Easting: **24498396.838**sft  
 Mapping Angle: **-00° 00' 14"** Combination Scale Factor: **0.999986598**

**Monument Type:** Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.

**To Reach:** 50ft N of 270th St, 80ft W of Morning Sun Rd. Near the SE cor of Sec 36 T73N R4W.

Date Printed July 30, 1999



*This document was prepared by Dan Corbin, Inc. on February 26, 2015 for Louisa County, Iowa*