

**Hardin County, Iowa**  
 Horizontal Datum: **NAD 83(NA2011)** - Vertical Datum: **NAVD 1988**  
 Iowa State Plane North Zone (1401)  
 Iowa Regional Coordinate System, Zone 4, Sioux City-Iowa Falls LCC  
 US Survey Feet  
**9/30/18**

Point Name: **8048**

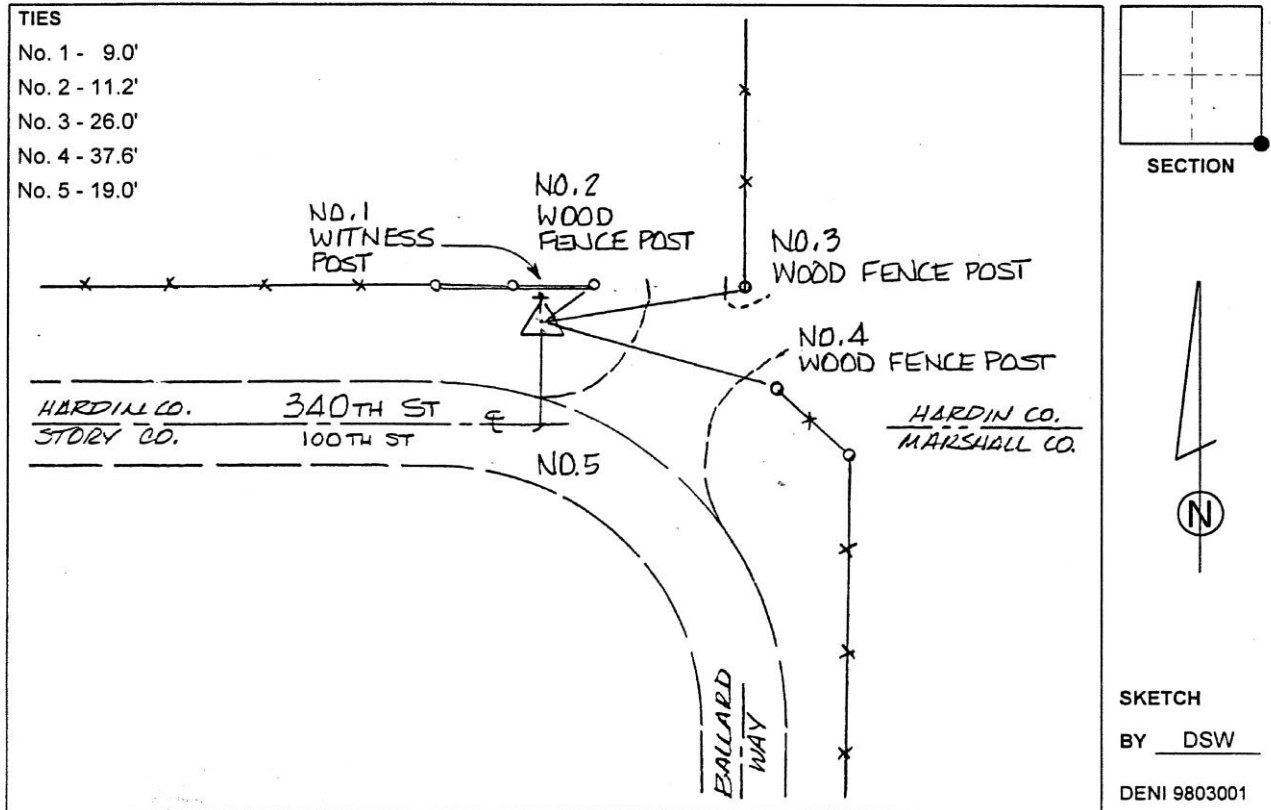
**Designation:** 862136 2 (Set by Deni Associates in 1998)

NAD 83(NA2011) Latitude: **N42°12'32.62100"** Longitude: **W93°13'54.31452"**  
 NAVD 88 Ortho Height: **1104.060sft** Ellip. Ht: **1003.258sft** Geoid12B

**Iowa North Zone (1401)** Northing: **3539346.523sft** Easting: **4993923.564sft**  
 Mapping Angle: **0°10'54"** Combination Scale Factor: **0.9999292454**

**IaRCS Zone 4** Northing: **8485917.365sft** Easting: **14933913.287sft**  
 Mapping Angle: **1°04'58"** Combination Scale Factor: **1.0000129696**

**Monument Type:** 3-1/4" aluminum disk set in the top of a 12" dia. poured-in-place concrete monument.



*This document was prepared by Dan Corbin, Inc. on February 18<sup>th</sup>, 2019 for Hardin County, Iowa.*