

**Black Hawk County, Iowa**

12/01/2020

Units: US Survey Feet

Point ID: **7164**

Stamping on Disk: **2006-164**

Type of Monument: *Berntsen 5/8" fluted "Top Security" rod, 6ft long with 2.5" dia. aluminum survey cap, NGS style access cover.*

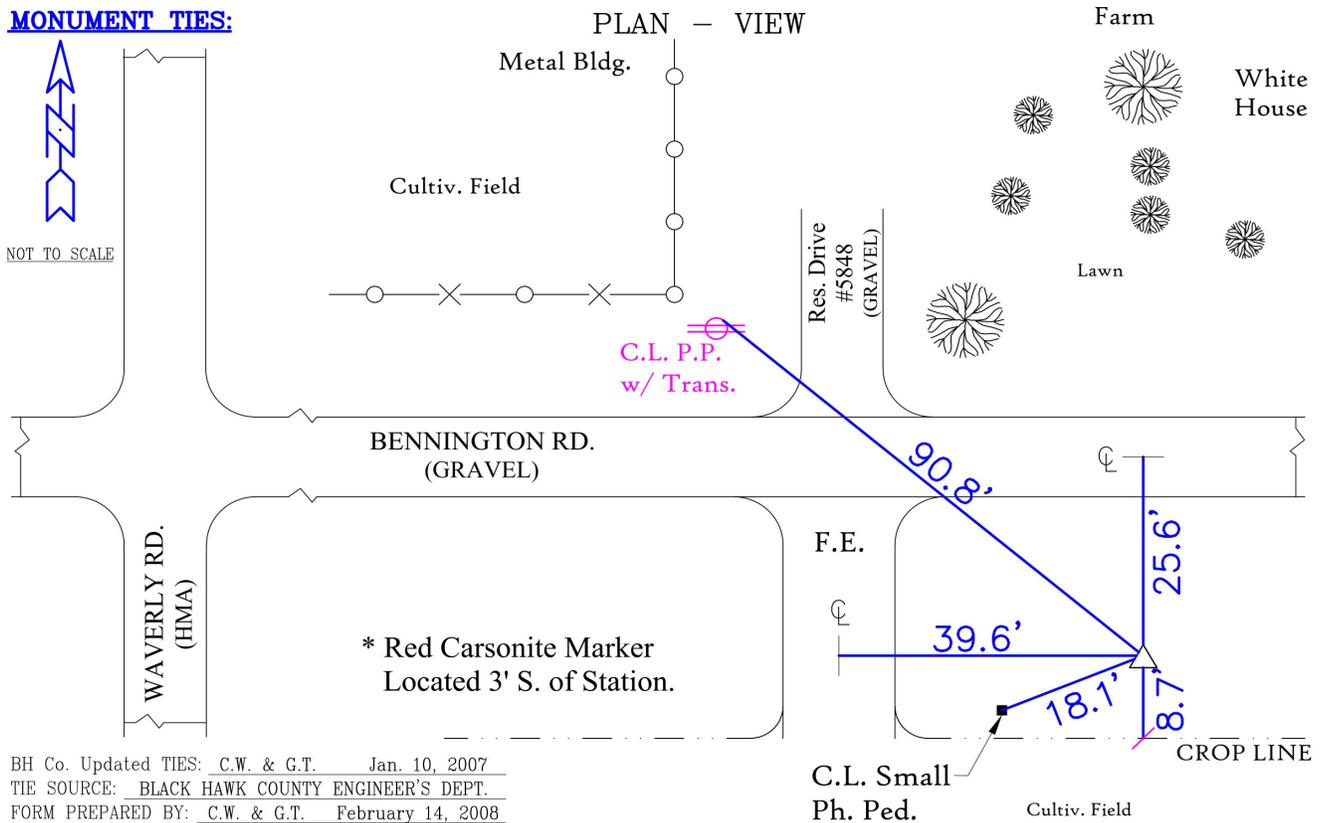
Physical Details: *Station is flush with ground surface located in centerline of ditch bottom.*

NAD 83(NA2011) Latitude: **N42°35'57.04156"** Longitude: **W92°27'12.19194"**  
NAVD 88 Ortho Height: **889.031sft** Ellip. Ht: **785.556sft** Geoid18(Conus)

Horizontal Datum: NAD 83(NA2011) - Vertical Datum: NAVD 1988  
**Iowa North Zone (1401)** Northing: **3683143.189sft** Easting: **5203033.124sft**  
Mapping Angle: **0°42'34"** Combination Scale Factor: **0.9999085312**

Iowa Regional Coordinate System, Zone 5, Waterloo LCC  
**IaRCS Zone 5** Northing: **8881543.119sft** Easting: **15445235.476sft**  
Mapping Angle: **-0°08'16"** Combination Scale Factor: **0.9999948409**

**MONUMENT TIES:**



BH Co. Updated TIES: C.W. & G.T. Jan. 10, 2007  
TIE SOURCE: BLACK HAWK COUNTY ENGINEER'S DEPT.  
FORM PREPARED BY: C.W. & G.T. February 14, 2008

*This document was prepared by Dan Corbin, Inc. for Black Hawk County, Iowa.*

7164



Facing South

