



Office of the Monroe County Surveyor  
Trohn Enright-Randolph

Showers Building North  
501 N Morton Street Ste 205  
Bloomington, IN 47404  
Phone: (812) 349-2570  
[surveyoroffice@co.monroe.in.us](mailto:surveyoroffice@co.monroe.in.us)

**AGENDA**  
**SURVEYOR REVIEW BOARD**  
**HYBRID MEETING**  
**Via Microsoft Teams**  
**Tuesday, February 20, 2024**

- I. Call to Order**
- II. Approval of agenda**
- III. Approval of minutes from January 24, 2023**
- IV. New Business**
  - a. Office Update**
  - b. Changes in the Surveyor List**
  - c. Are Direct Deposit Account Numbers Current?**
- V. Certification of corners:**
  - a. Corner Documentation Program: N/A**
  - b. County Surveyor Perpetuation: Rich\_G01, Rich\_U11, VanBu\_G13, VanBu\_I09, VanBu\_K01\* & VanBu\_U09**
  - c. Professional Services Agreement: N/A**
- VI. Public input**
- VII. Adoption of next meeting date**
- VIII. Adjournment**

*\*Has no previous certification*

Teams Meeting Information

[https://teams.microsoft.com/l/meetup-join/19%3ameeting\\_MzRkODI1M2QzMjVjYkY0NDdjLTk5NjktOGE2Mzg2NWZhNTQx%40thread.v2/0?contxt=%7b%22id%22%3a%2249a60700-4c0c-4ece-b904-fb92c600e553%22%2c%22oid%22%3a%22db83725f-c48f-476f-8894-d4bb087d29f8%22%7d](https://teams.microsoft.com/l/meetup-join/19%3ameeting_MzRkODI1M2QzMjVjYkY0NDdjLTk5NjktOGE2Mzg2NWZhNTQx%40thread.v2/0?contxt=%7b%22id%22%3a%2249a60700-4c0c-4ece-b904-fb92c600e553%22%2c%22oid%22%3a%22db83725f-c48f-476f-8894-d4bb087d29f8%22%7d)

Meeting ID: 247 640 086 109

Passcode: BTv9wR

**Or call in (audio only)**

[+1 872-242-9432,225452587#](tel:+18722429432225452587) United States, Chicago

[Find a local number](#) [Reset PIN](#)

**The meeting is open to the public. Dates are subject to change.**

For additional information, please call the Office of the Monroe County Surveyor at (812) 349-2570.

Anyone who requires an auxiliary aid or service for effective communication, or a modification of policies or procedures to participate in a program, service, or activity of Monroe County, should contact Monroe County Title VI Coordinator, (812) 349-2553, as soon as possible but no later than forty-eight (48) hours before the scheduled event.

Individuals requiring special language services should, if possible, Government Title VI Coordinator at least seventy-two (72) hours prior to the date on which the services will be needed.

N:\Meetings\_Boards\_Committees\_&\_Commissions\Monroe\_County\_Surveyor\_Review\_Board\SRB2024\Packets\20240220\Individual Files\MCSRBAgenda\_20240220.docx

Page 1 of 1

**Survey Utility**



**MEETING MINUTES**  
**SURVEYOR REVIEW BOARD**  
**501 N. Morton Ave. Room 211**  
**HYBRID MEETING**  
**Via Zoom App**  
**Tuesday, January 23, 2024, 4:00 PM**

MEMBERS PRESENT: Rachel Oser, Deckard

STAFF: Trohn Enright-Randolph, Jason George, Mike Sheppard, Donna Barbrick (attending virtually)

- I. Call to Order**
- II. Approval of agenda**
- III. Approval of minutes from November 28, 2023.** oSER motion to approve; seconded by Deckard. Minutes approved.
- IV. New Business**

- a. Office Update**

Mike Sheppard was introduced, who has been with MCSO since January 8. Sheppard said I love doing section corners.

- V. Certification of corners:**

- a. Corner Documentation Program: InCr\_I05 Tabled 10/27/2022**

**InCr\_I05.** Jason George said Deckard submitted this to the corner documentation program. He said a referenced recorded survey had been added to the theory of location. Trohn said this meets all the criteria to go through the program. Oser said I noticed a discrepancy with a witness, but it is pretty obvious that it is a typo in the old witness that was accepted in 2007. She said I'm good with this.

**Motion by Oser to APPROVE. Deckard seconded. VOTE: Deckard-RECUSE; Oser AYE. Motion carried by 1 and InCr\_I05 approved.**

- b. County Surveyor Perpetuation: Wash\_O13 Tabled 11/28/2023 to modify witness field information, Per\_O21, VanBu\_I11\* & VanBu\_Q13**

**Wash\_O13.** Jason said this was tabled last time. He said he went out and cut down trees and went to the centerline. **Motion by Deckard to APPROVE; seconded by Oser. VOTE: AYE (unanimous). Corner approved.**

**Per\_O21.** Jason said this has been looked at quite a few times. He said the name of the road was changed from Lucas Road. He said a hackberry tree was obliterated. He said we found another hackberry tree and put a mag nail in that. Jason said there were no field notes on this, just tie sheets from Friley and Kevin Enright administrations. **Motion to APPROVE Per\_O21 by Oser; second by Deckard. VOTE: AYE (unanimous). Per O\_21 approved.**

**c. County Surveyor Perpetuation: Wash\_ O13 Tabled 11/28/2023 to modify witness field information, Per\_ O21, VanBu\_ I11\* & VanBu\_ Q13**

**VanBu\_ I11.** Trohn said this one we have no history on. There was a discussion of setting caps, and setting rebars versus using mag nails in trees. Oser talked about using rebarlite for witnesses. Trohn said getting geodetic controls and then having all this information available online should help to eliminate any confusion. **Motion by Deckard to APPROVE with condition of adding the Deckard survey for Wayne’s Cave Type A administrative subdivision plat amendment. VOTE AYE (unanimous). VanBu\_ I11 approved.**

**VanBu\_ Q13.** Jason said he set a 3-inch mag spike and washer in place of a loose pk nail; all the witnesses were the same and one was added to the north. **Motion to APPROVE by Deckard; second by Oser. Vote: AYE (unanimous). VanBu\_ Q13 approved.**

**VI. Professional Services Agreement: N/A**

**VII. Public input: None**

**VIII. Adoption of next meeting date: February 20, 2024**

**IX. Adjournment. The meeting adjourned at approximately 4:57 p.m.**

Approved \_\_\_\_\_

Secretary \_\_\_\_\_

**PENDING**

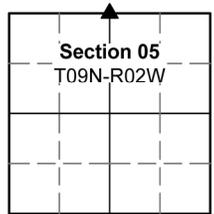
**MONUMENT RECORD**

Corner ID: **Rich\_G01**

**North 1/4 Corner**

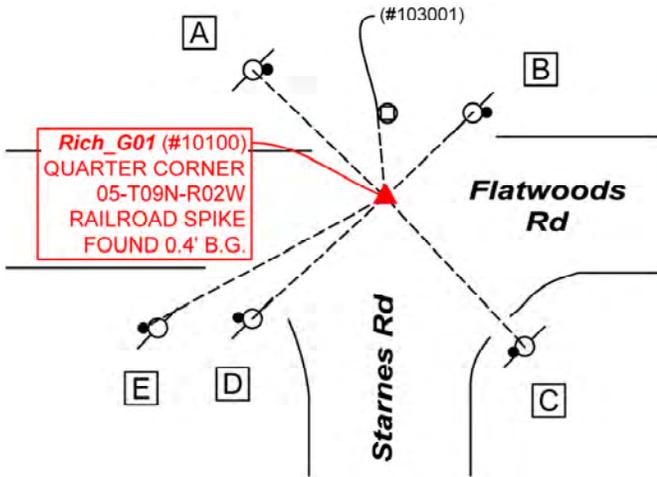
Section 5-T09N-R02W, 2nd P.M.

Richland Township, Monroe County, Indiana



**MONUMENT:** Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)  
 Railroad Spike found 0.4' below grade -1' north of centerline of Flatwoods Road at intersection with Starnes Road.

**MONUMENT LOCATION SKETCH:**



WITNESS MONUMENT TIES			
<p>All ties to new Bearing Trees (BTs) are a mag nail set in a 1-1/2" plastic washer stamped "SURVEY MARKER - DO NOT REMOVE" and hack mark at the root crown (less than 12" above ground) perpendicular to the center of the tree, unless otherwise noted. BT diameters are noted as dbh and are measured approximately 4.5' above ground. Bearings are measured from the monument to the center of the BT, distances are measured from the monument to the mag nail. RTK solution was used for Witness E due to visibility issues.</p>			
ID	BEARING	DISTANCE	DESCRIPTION
Witness A	N 46d W	29.0'	Mag nail and washer set 0.6' above grade on the east side of a 12" utility pole.
Witness B	N 46d E	19.4'	Mag nail and washer set 0.8' above grade on the east side of a 12" utility pole as per 1992 monument record. "Protect Nearby Survey Monuments" sign set south side of pole 5.3' above grade.
Witness C	S 43d E	32.3'	Mag nail and washer set 0.5' above grade on the southwest side of 10" utility pole as per 1992 monument record.
Witness D	S 48d W	27.9'	Mag nail and washer set 0.6' above grade on west side of 10" utility pole as per 1992 monument record. Found PK nail on west side 1.2' above grade. Found PK nail 1.5' above grade on the north side.
Witness E	S 62d W	42.7'	Mag nail and washer set 1.2' above grade on west side of a 10" diameter and 7' tall utility meter pole. Bearings and distance to mag nail.
MONUMENT ACCESSORIES			
<p>Other survey grade monuments that were located in the vicinity and their relation to the monument.</p>			
(#103001)	N 5d13'4" W	13.15'	West side of 2" x 2" metal signpost with a brown sign 7.2' above grade reading, "← Flatwoods Park."



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**PENDING**

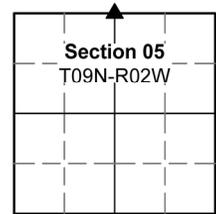
**MONUMENT RECORD**

Corner ID: **Rich\_G01**

**North 1/4 Corner**

Section 5-T09N-R02W, 2nd P.M.

Richland Township, Monroe County, Indiana



**PHOTO IDENTIFIED:** Photo Date: 10/25/2023



Photo Orientation & Description: Rich\_G01 from above



Photo Orientation & Description: Looking east at Rich\_G01 and Witness B & C and Monument Accessory #103001

**ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND:** *Include, search area or areas, search procedure, etc.*

Date of Field work/Search: 10/25/2023 By: JMG Monument Found: Railroad Spike BTs or Reference Objects Found: All witnesses from 1992 monument record were found Project #: Bean Blossom 2023 Field Book: 55/53 Equipment: The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid12b\_conus.db3, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Coordinate data was collected with a Javad Triumph LS Network Rover. Coordinates are available upon request. Distances to witness ties were collected with a Leica Disto laser distance meter. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to grid north and are approximately shown hereon for reference. Priority should be given to provided distances over bearings. Notes: All witness photos on file in the Monroe County Surveyors Office.

**OTHER EVIDENCE:** *Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.*

At intersection of Flatwoods Rd and Starnes Rd, the excavation area of Rich\_G01 is easily spotted. From SR 46, proceed west on Flatwoods Road. The monument is +/- 300' further west past the solar substation on the north side of the road.

**MONUMENT PRESERVATION:** *Describe work done to preserve existing monument.*

Surveyor sign was set. Geodetic coordinates were captured for the monument and many of the witnesses. Excavation hole was packed with fresh asphalt.

**THEORY OF LOCATION:** *Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty.*

The spike was previously witnessed by the Monroe County Surveyor, Edmund O. Farkas, on June 2nd, 1992. References on file: a Todd Borgman survey, Chapel Hill Wilderness Final Plat (2015), on file at the Recorder's Office as 2015017389.IN, a Douglas Curry survey, Flatwoods Subdivision Final Plat Amendment Two Lots 1 & 2 (2019), a Doug Graham survey, Retracement Survey of Parcel 8325 West State Road 46 (2022), on file at the Recorder's Office as 2022016729.IN. Historic research has not yet been performed to prove the validity of this monument.

**CERTIFICATION:**



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G-1

MONUMENT RECORD

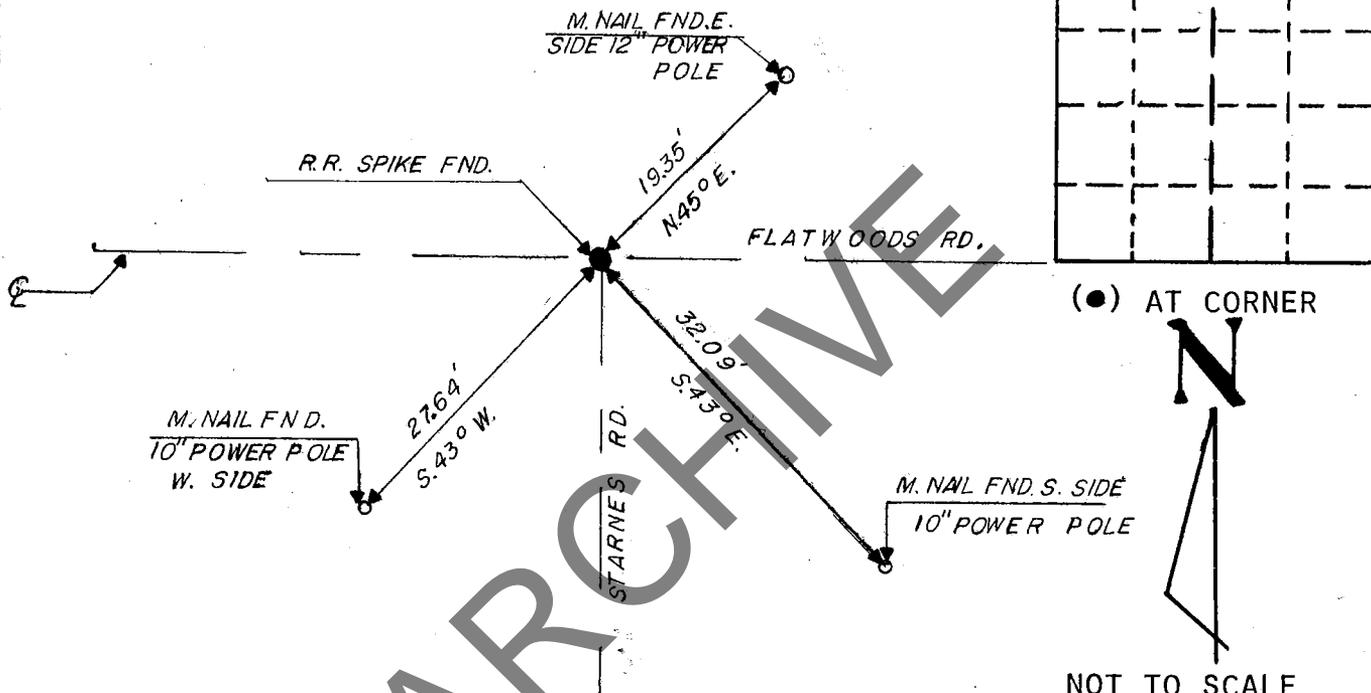
STATE OF INDIANA - COUNTY OF MONROE

SECTION 5, TOWNSHIP 9N, RANGE 2W

MONUMENT DESCRIPTION & REMARKS

RAIL ROAD SPIKE FOUND 3" UNDER ASPHALT 0.80' NORTH  
OF CENTER LINE OF FLATWOODS AND CENTER LINE OF STARNES RD.

RECOVERY TIE DRAWING



(●) AT CORNER



NOT TO SCALE

STATE OF INDIANA

COUNTY OF MONROE

I, EDMUND O. FARKAS HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED UNDER MY DIRECTION IN ACCORDANCE WITH THE PROVISIONS OF SECTION 17-3-64-4 - 17-3-64-8 OF THE INDIANA CODE, BEING ACTS OF 1965, CHAPTER 319; AND THE ABOVE DATA IS GIVEN UNDER MY HAND AND SEAL THIS 2 DAY OF JUNE, 19 92 A.D.

SPACE RESERVED FOR RECORDING OFFICER.

INDIANA REGISTERED LAND SURVEYOR NO. \_\_\_\_\_

OR \_\_\_\_\_

UNITED STATES GOVERNMENT AGENCY

TOWNSHIP:  
RICHLAND

CORNER I.D.

TITLE

G-1

MONUMENT RECORD

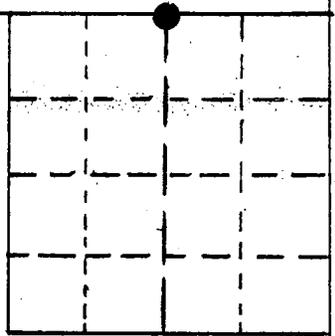
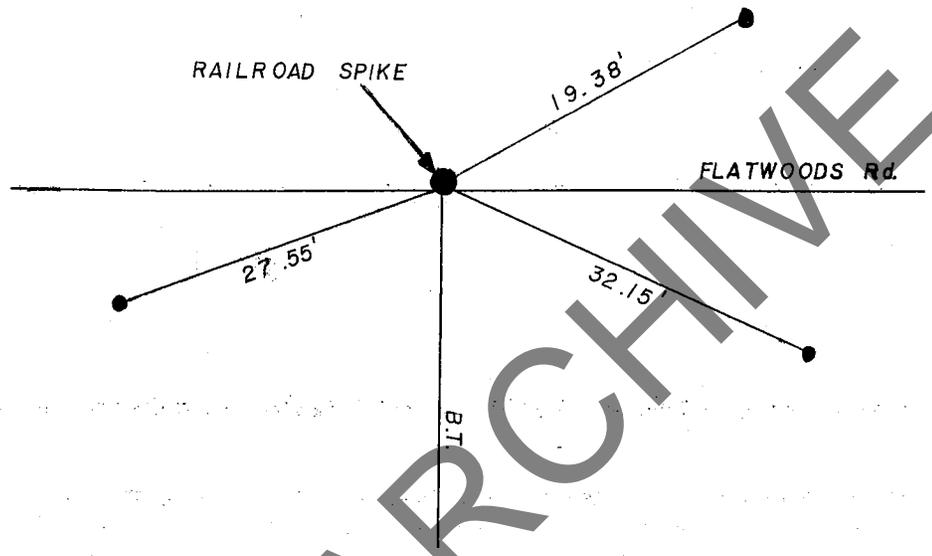
STATE OF INDIANA - COUNTY OF MONROE

SECTION 5, TOWNSHIP 9 North, RANGE 2 West

MONUMENT DESCRIPTION & REMARKS

Reference points are masonry nails set in utility poles  
2' above ground.

RECOVERY TIE DRAWING



(●) AT CORNER



NOT TO SCALE

STATE OF INDIANA

COUNTY OF Monroe

I, Edmund O. Farkas HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED UNDER MY DIRECTION IN ACCORDANCE WITH THE PROVISIONS OF SECTION 17-3-64-4 - 17-3-64-8 OF THE INDIANA CODE, BEING ACTS OF 1965, CHAPTER 319; AND THE ABOVE DATA IS GIVEN UNDER MY HAND AND SEAL THIS 13 DAY OF July, 1981 A.D.

SPACE RESERVED FOR RECORDING OFFICER.

INDIANA REGISTERED LAND SURVEYOR NO. \_\_\_\_\_

OR \_\_\_\_\_

UNITED STATES GOVERNMENT AGENCY

TOWNSHIP: Richland

CORNER I.D.

TITLE

G - 1

**PENDING**

**MONUMENT RECORD**

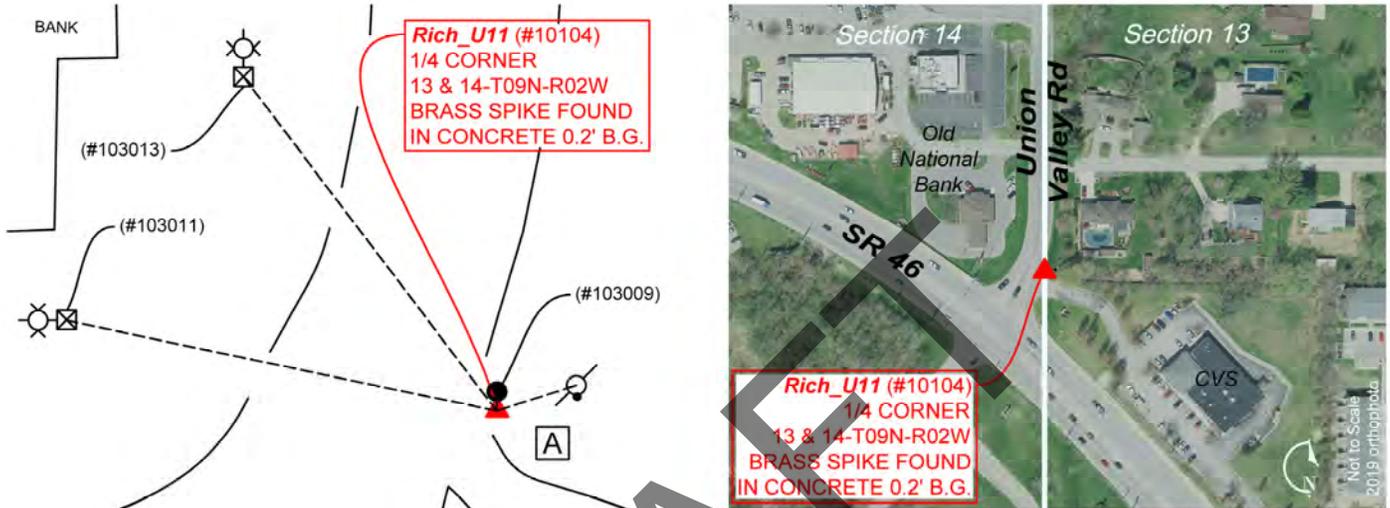
Corner ID: **Rich\_U11**

**Section Corner**

Sections 13 & 14-T09N-R02W, 2nd P.M.  
Richland Township, Monroe County, Indiana

**MONUMENT:** Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)  
Found Brass Spike in concrete 0.2' below grade in grass north of Union Valley Road's entrance drive to CVS parking lot.

**MONUMENT LOCATION SKETCH:**



WITNESS MONUMENT TIES			
All ties to new Bearing Trees (BTs) are a mag nail set in a 1-1/2" plastic washer stamped "SURVEY MARKER - DO NOT REMOVE" and hack mark at the root crown (less than 12" above ground) perpendicular to the center of the tree, unless otherwise noted. BT diameters are noted as dbh and are measured approximately 4.5' above ground. Bearings are measured from the monument to the center of the BT, distances are measured from the monument to the mag nail.			
ID	BEARING	DISTANCE	DESCRIPTION
Witness A	N 72d E	17.6'	Found mag nails holding "Protect Nearby Survey Marker" sign 5' above grade on the west side of 11" power line pole covered by wire conduit hood as per Witness D in 2008 monument record. Set "Protect Nearby Survey Marker" sign 4.2' above grade on south side of pole.
MONUMENT ACCESSORIES			
Other survey grade monuments that were located in the vicinity and their relation to the monument.			
(#103009)	N 1d11'41" E	4.10'	Found railroad spike in concrete 0.2' below grade as per Witness C in 2008 monument record.
(#103011)	N 78d3'8" W	92.36'	Found 2' concrete circular base of light pole that closely aligns with Witness B in 2008 monument record. Cut "X" on east side of base 2' above grade.
(#103013)	N 36d59'39" W	88.31'	Cut "X" on south side of 2" concrete circular of light pole 2' above grade.



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**PENDING**

## MONUMENT RECORD

Corner ID: **Rich\_U11**

### Section Corner

Sections 13 & 14-T09N-R02W, 2nd P.M.  
Richland Township, Monroe County, Indiana

**PHOTO IDENTIFIED:** *Photo Date:* 08/01/2023



*Photo Orientation & Description:* Looking at Rich\_U11 from above



*Photo Orientation & Description:* Looking north at Rich\_U11 and Witness A

**ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND:** *Include, search area or areas, search procedure, etc.*

*Date of Field work/Search:* 08/01/2023 *By:* JG & HJ *Monument Found:* Brass Spike in concrete *BTs or Reference Objects Found:* Found all Witnesses from 2008 monument record. However, the cut "X" on Witness B (Monument Accessory #103011 herein) was not found, either because the base was replaced, a new light post and base conduit covered the "X" or because deterioration of the cut X. The survey sign set in 2000 on the west side of the powerline pole was mostly covered with a wire hood. MCSO set a new sign on the south side of the pole 4.2' above grade. *Project #:* Richland Restoration Initiative *Field Book:* 55/46 *Equipment:* The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid12b\_conus.db3, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Coordinate data was collected with a Javad Triumph LS Network Rover. Coordinates are available upon request. Distances to witness ties were collected with a Leica Disto laser distance meter and with 100' measuring tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to grid north and are approximately shown hereon for reference and crosschecked with a 5° Compass. Priority should be given to provided distances over bearings. *Notes:* All witness photos on file in the Monroe County Surveyors Office.

**OTHER EVIDENCE:** *Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.*

Monument was found north of entrance to CVS from Union Valley Road. There is a +/- 6" curb. A noticeable quantity of the dirt and grass is gone from vehicles overextending the curb. The monument is in the grassy portion where the dirt is still level. MCSO chose the CVS parking lot as the safest access point to Rich\_U11.

**MONUMENT PRESERVATION:** *Describe work done to preserve existing monument.*

Geodetic controls were captured for the monument and three witnesses. A new sign was set. Adherence of monument was tested.

**THEORY OF LOCATION:** *Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty.*

The brass spike was set by the Monroe County Surveyor, Kevin Enright, on April 30, 2008, at 1:30 PM. The brass spike was set to replace a railroad spike that was obliterated in the course of work that began on Union Valley Road in 2000. At that time, Mr. Enright established five witnesses to tie to the monument. After the Union Valley Road's completion, the brass spike was set and accepted by the Monroe County Surveyor Review Board on June 10, 2008. References on File: a Christopher Porter survey, Plat of Survey- Retracement Boundary Lots 1, 2 & 3 The Outback (2018), on file at the Recorder's Office as 2018006973.IN and an Eric L. Deckard survey, Cascio - Sperry - Boundary Survey (2022), on file at the Recorder's Office as 2022007681.IN. Historic research has not yet been performed to prove the validity of this monument.



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# MONUMENT RECORD

State of Indiana - County of Monroe

Section: 14

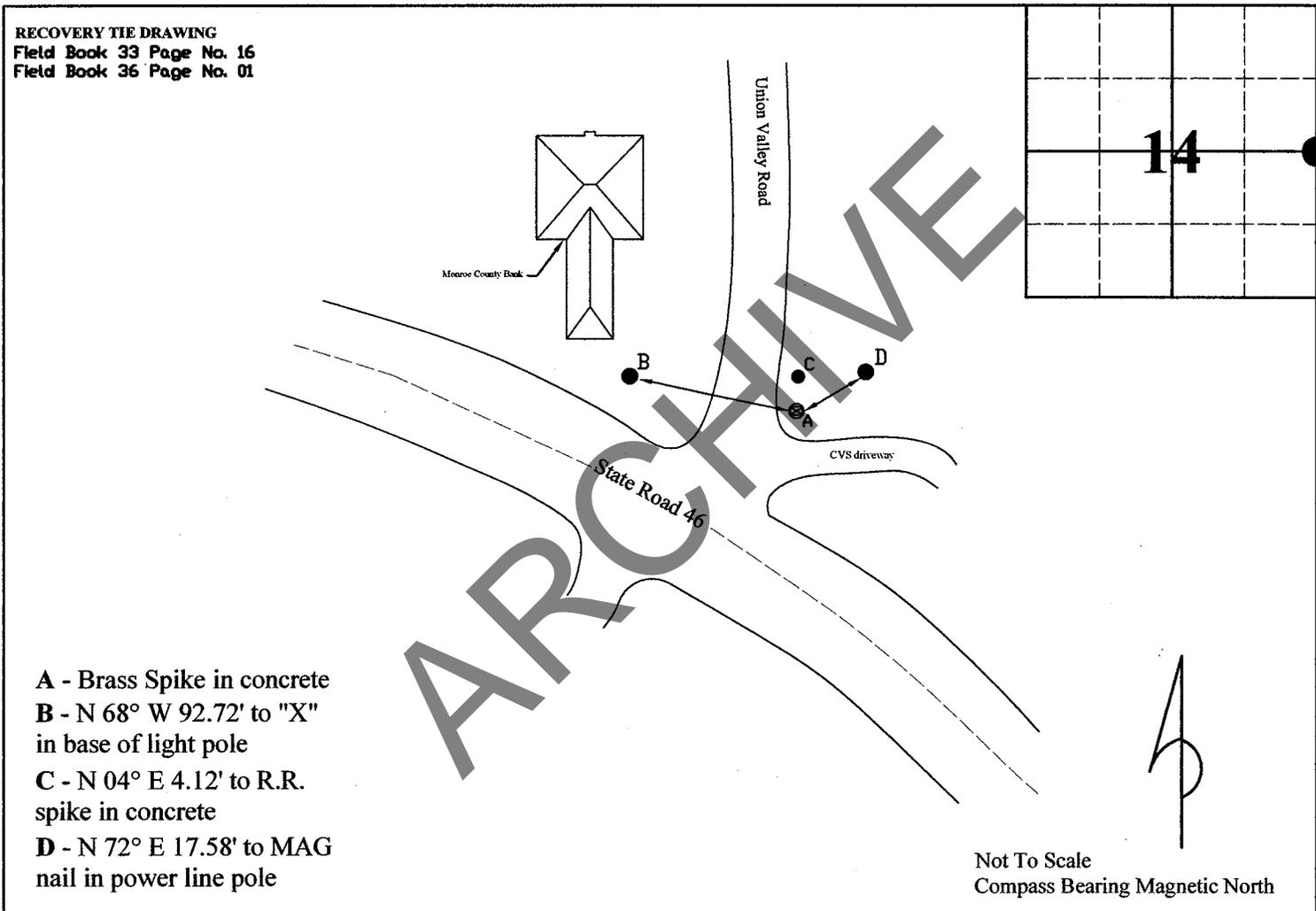
Township: 9 North

Range: 2 West

Corner ID: Rich U-11

**Monument Description & Remarks:** Brass Spike set in concrete. Survey Sign 5ft above ground at pt. D

**References On File:** Perpetuated Corner

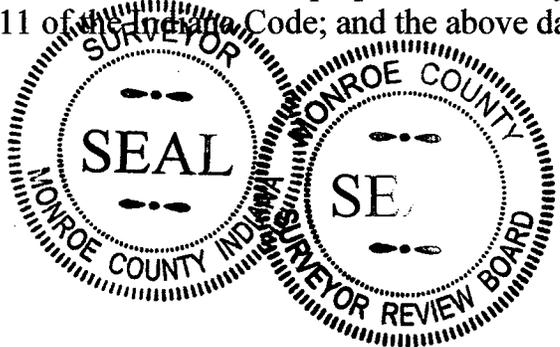


I, Kevin P. Enright, Monroe County Surveyor, hereby certify that this document was prepared under my direction in accordance with the provisions of section 36-2-12-11 of the Indiana Code; and the above data is given under my hand and seal this 7th day of August, 2000.

*Kevin P. Enright*

Administered by the Monroe County Surveyor Review Board

Date: 6-10-2008



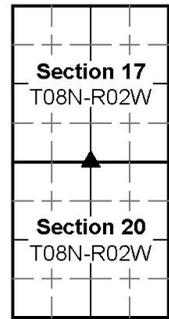
**PENDING**

**MONUMENT RECORD**

Corner ID: **VanBu\_G13**

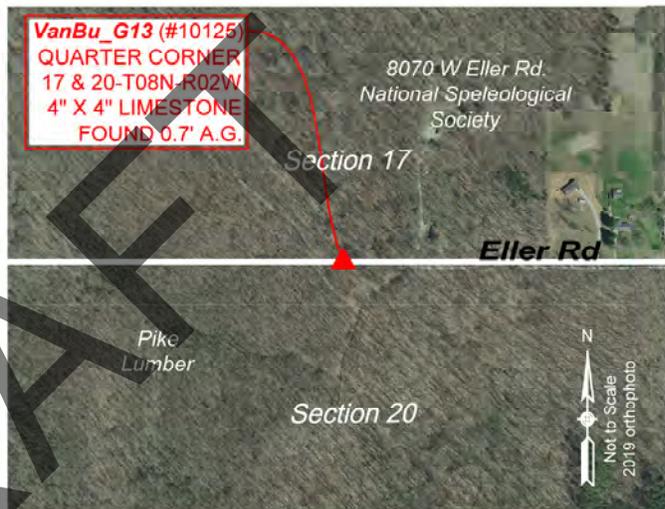
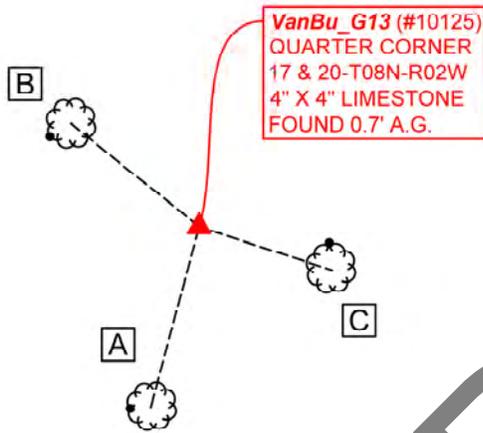
**1/4 Corner**

Sections 17 & 20- T08N-R02W, 2nd P.M.  
 Van Buren Township, Monroe County, Indiana



**MONUMENT:** Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)  
 0.35' x 0.34' Limestone with cut "+" at its center, 0.8' above grade and firm in ground, directly north and adjacent of a 9" dome-shaped sandstone.

**MONUMENT LOCATION SKETCH:**



DRAFT

WITNESS MONUMENT TIES			
<p>All ties to new Bearing Trees (BTs) are a mag nail set in a 1-1/2" plastic washer stamped "SURVEY MARKER - DO NOT REMOVE" and hack mark at the root crown (less than 12" above ground) perpendicular to the center of the tree, unless otherwise noted. BT diameters are noted as dbh and are measured approximately 4.5' above ground. Bearings are measured from the monument to the center of the BT, distances are measured from the monument to the mag nail.</p>			
ID	BEARING	DISTANCE	DESCRIPTION
Witness A	S 15d W	19.5'	Mag nail and washer set in hack 0.2' above grade on the northwest side of 4" American Beech Tree.
Witness B	N 51d W	17.2'	Found signs of PK nail on the southwest side of 12" Silver Maple Tree as per 1995 monument record. Set mag nail and washer in hack 0.4' above grade on the southwest side of tree.
Witness C	S 72d E	14.6'	Found 18" Shagbark Hickory Tree as per 1995 monument record. Set mag nail and washer in hack 0.7' above grade on the north side of tree.



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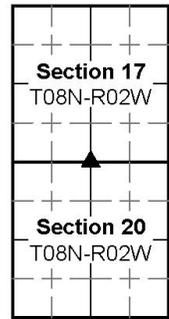
**PENDING**

## MONUMENT RECORD

Corner ID: **VanBu\_G13**

**1/4 Corner**

Sections 17 & 20- T08N-R02W, 2nd P.M.  
Van Buren Township, Monroe County, Indiana



**PHOTO IDENTIFIED:** *Photo Date:* 05/05/2023



*Photo Orientation & Description:* Looking at VanBu\_G13 northwest and above



*Photo Orientation & Description:* Looking north at VanBu\_G13

**ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND:** *Include, search area or areas, search procedure, etc.*

*Date of Field work/Search:* 05/05/2023 *By:* JG & HJ *Monument Found:* Limestone with "+" *BTs or Reference Objects Found:* Found all witness, however the 17" Sugar Maple at 59.49', S 69° W from the monument had fallen in recent years. No PK nail was found in Shagbark Hickory tree. *Project #:* Van Buren Preservation *Field Book:* 55/33 *Equipment:* The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid12b\_conus.db3, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Coordinate data was collected with a Javad Triumph LS Network Rover. Coordinates are available upon request. Distances to witness ties were collected with a 100' tape measure. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to grid north and are approximately shown hereon for reference. Priority should be given to provided distances over bearings. *Notes:* All witness photos on file in the Monroe County Surveyors Office.

**OTHER EVIDENCE:** *Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.*

The monument is close to the intersecting parcel corners owned by Pike Lumber (812-448-3961) and the Richard Blenz Nature Preserve ([BlenzPreserve@caves.org](mailto:BlenzPreserve@caves.org)) There is a gate southwest at a point where graveled Eller Road terminates going west. Within the gates, head southwesterly along access road, take the first grass path that leads northwest for approximately 300'. At this point, No Trespassing and survey signs and witnesses can be seen to the northeast. There is a ridge to the north that was the former western continuation of Eller Road. A large sandstone anchors the south side of VanBu\_G13 and may be part of cairn built by Monroe County Surveyor, Michael W. Friley.

**MONUMENT PRESERVATION:** *Describe work done to preserve existing monument.*

A modern "Protect Nearby Survey Marker" replaced the old one on a U-Post 1.66' north of VanBu\_G13; 3.4' feet above grade. Geodetic controls were captured for monument.

**THEORY OF LOCATION:** *Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty.*

The stone was previously witnessed by the Monroe County Surveyor, Michael W. Friley, on March 28, 1995. Mr. Friley found the monument at an angle with most of its top in the earth. Friley straightened VanBu\_G13 and built a cairn around the limestone to no doubt protect it from the heavy equipment that the loggers use. Before that, on February 17, 1983, Monroe County Surveyor, Edmund O. Farkas witnessed the stone. It is believed the stone was set by licensed surveyor, Raymond Graham (LS 9978), while



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Page 2 of 3

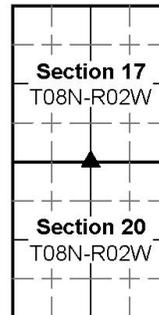
**PENDING**

**MONUMENT RECORD**

Corner ID: **VanBu\_G13**

**1/4 Corner**

Sections 17 & 20- T08N-R02W, 2nd P.M.  
Van Buren Township, Monroe County, Indiana



performing Survey & Plat for Robert Townsend (1977), on file at the Surveyor's Office as RSID005178. Other References on File: a survey by James Zimmer, 141.61 Acre Survey for Land of Indiana (2005), on file at the Recorder's Office as 2005019992. And a survey by Ben E. Bledsoe, Eller Road Boundary Survey (2022) on file at the Recorder's Office as 2022010117.IN. Historic research has not yet been performed to prove the validity of this monument.

**CERTIFICATION:**

**DRAFT**



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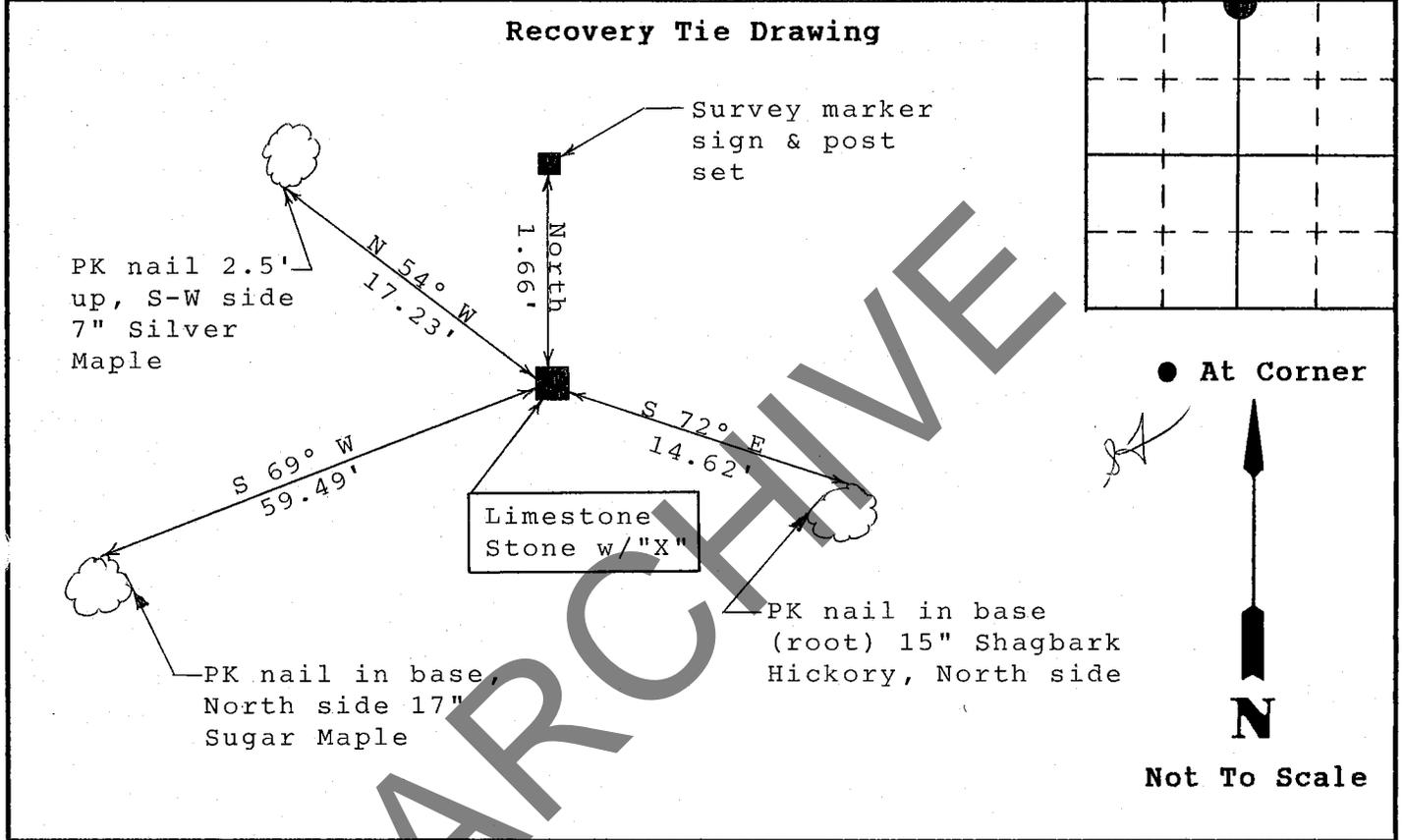
Corner I.D. #  
G-13

# MONUMENT RECORD

STATE OF INDIANA - COUNTY OF MONROE

Section Twenty (20), Township 8 North, Range 2 West

**Monument Description & Remarks:** Found Limestone Stone w/"X" at North 1/4  
corner of section. Stone is 0.35' x 0.34' x 0.7' out of ground. Stone  
was solid in ground; cairn of rocks piled around stone. Survey sign & post set.



State of Indiana  
County of Monroe

Space Reserved For Recording Officer

I, Michael W. Friley, County Surveyor, hereby certify that this document was prepared under my direction in accordance with the provisions of Section 17-3-64-4 through 17-3-64-8 of the Indiana Code, being Acts of 1965, Chapter 319; and the above data is given under my hand and seal this 28th day of March, 1995 A.D.

Indiana Registered Land Surveyor No. \_\_\_\_\_ or  
Office of Monroe County Surveyor  
**United States Government Agency**  
Monroe County Surveyor  
**Title**

Field Book:  
95-01  
Page:  
17

MONUMENT RECORD

STATE OF INDIANA - COUNTY OF MONROE

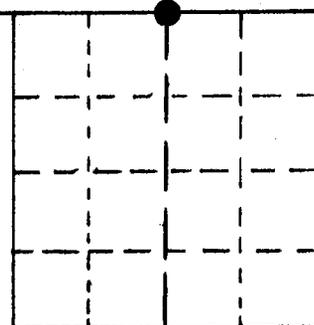
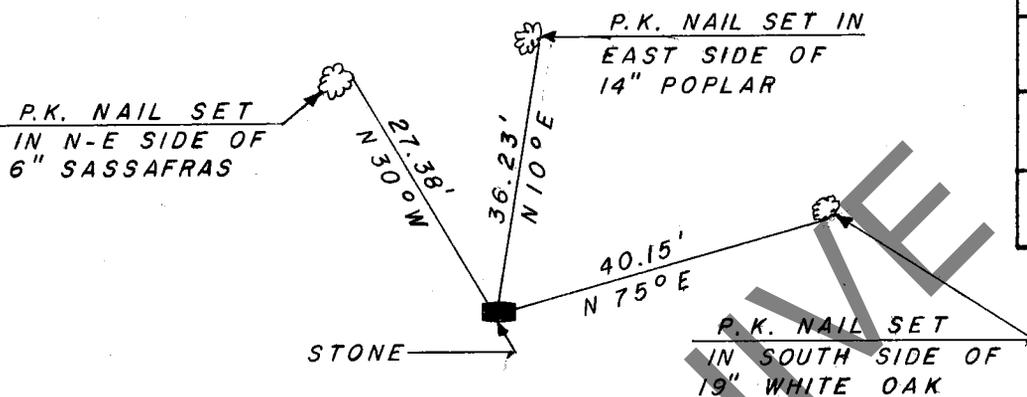
SECTION 20, TOWNSHIP 8 NORTH, RANGE 2 WEST

MONUMENT DESCRIPTION & REMARKS

FOUND CONCRETE STONE WITH " X " 0.33 FT. X 0.33 FT. X 0.70 FT.

HIGH SOLID IN GROUND. STONE IS MARKED WITH RED METAL POST.

RECOVERY TIE DRAWING



(●) AT CORNER



NOT TO SCALE

STATE OF INDIANA  
COUNTY OF MONROE

I, EDMUND O. FARKAS HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED UNDER MY DIRECTION IN ACCORDANCE WITH THE PROVISIONS OF SECTION 17-3-64-4 - 17-3-64-8 OF THE INDIANA CODE, BEING ACTS OF 1965, CHAPTER 319; AND THE ABOVE DATA IS GIVEN UNDER MY HAND AND SEAL THIS 17 TH. DAY OF FEBRUARY, 1983 A.D.

SPACE RESERVED FOR RECORDING OFFICER.

INDIANA REGISTERED LAND SURVEYOR NO. \_\_\_\_\_  
OR \_\_\_\_\_

TOWNSHIP:  
VAN BUREN

UNITED STATES GOVERNMENT AGENCY

CORNER I.D.

TITLE

G - 13

PENDING

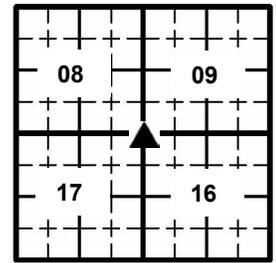
**MONUMENT RECORD**

Corner ID: **VanBu\_I09**

**Section Corner**

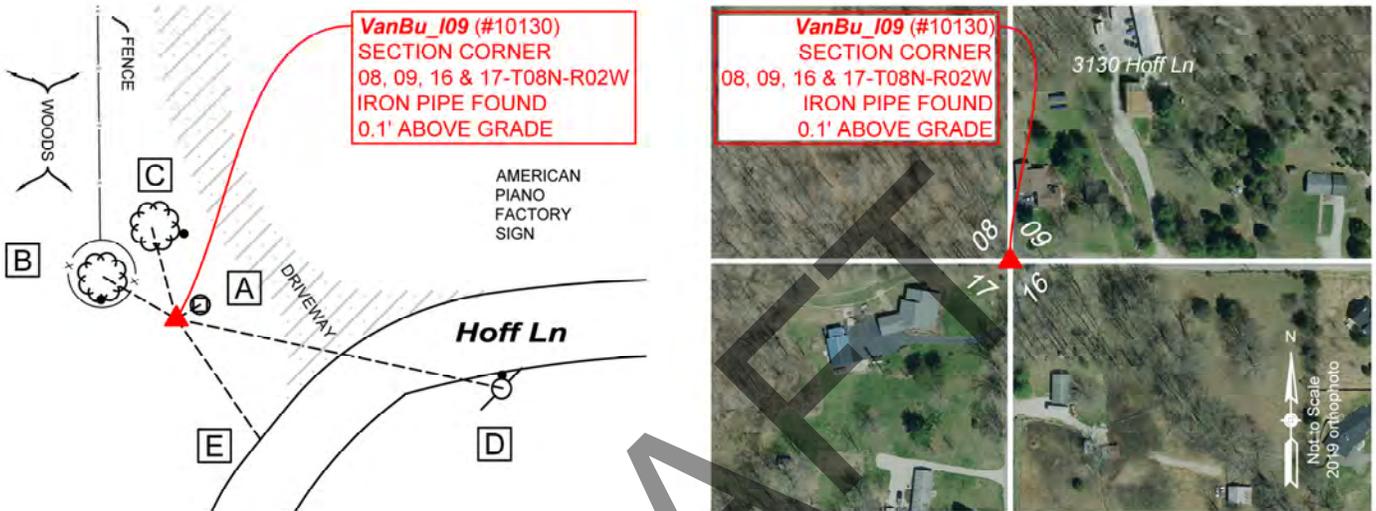
Sections 08, 09, 16 & 17- T08N-R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana



**MONUMENT:** Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)  
 1 1/2" pinched iron pipe 0.1' above grade +/- 30' northwest of Hoff Lane.

**MONUMENT LOCATION SKETCH:**



WITNESS MONUMENT TIES			
<p><i>All ties to new Bearing Trees (BTs) are a mag nail set in a 1-1/2" plastic washer stamped "SURVEY MARKER - DO NOT REMOVE" and hack mark at the root crown (less than 12" above ground) perpendicular to the center of the tree, unless otherwise noted. BT diameters are noted as dbh and are measured approximately 4.5' above ground. Bearings are measured from the monument to the center of the BT, distances are measured from the monument to the mag nail.</i></p>			
ID	BEARING	DISTANCE	DESCRIPTION
Witness A	N 59d E	5.8'	Established 5" x 5" buried cable box "GCI 4" as witness 2.7' above grade.
Witness B	N 60d W	17.6'	Found "Protect Nearby Survey Marker" sign 4' above grade on south side of 30" Sugar Maple Tree encircled with fencing as per 2012 monument record.
Witness C	N 15d W	19.7'	Found magnetic signal on south side of 21" Sugar Maple Tree as per 2012 monument record. Set mag nail and washer in hack 1.3' above grade on the southeast side of tree.
Witness D	S 78d E	69.7'	Found mag nail 6" above grade on the south side of 15" power line pole as per 2012 monument record.
Witness E	S 35d E	30.5'	Edge of road as per 2012 monument record.



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**PENDING****MONUMENT RECORD**Corner ID: **VanBu\_I09****Section Corner**

Sections 08, 09, 16 & 17- T08N-R02W, 2nd P.M.  
Van Buren Township, Monroe County, Indiana

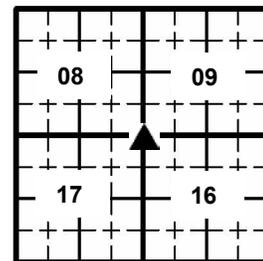
**PHOTO IDENTIFIED:** Photo Date: 06/07/2023

Photo Orientation &amp; Description: VanBu\_I09 from above



Photo Orientation &amp; Description: Looking west at Per\_I09 and Witness A

**ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND:** Include, search area or areas, search procedure, etc.

Date of Field work/Search: 06/07/2023 By: JG & HJ Monument Found: Pipe BTs or Reference Objects Found: Found Witnesses B, C, D & E from 2012 monument record. However, the width of Hoff Lane must have increased as the distance, using the 2000 bearings is one foot short of 2000 distance. The PK nail and the intersecting fence from the west discussed in 1997 field book notes were obliterated. Project #: Van Buren Preservation Field Book: 54/34 Equipment: The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid12b\_conus.db3, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Coordinate data was collected with a Javad Triumph LS Network Rover. Coordinates are available upon request. Distances to witness ties were collected with a Leica Disto laser distance meter. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to grid north and are approximately shown hereon for reference. Priority should be given to provided distances over bearings. Notes: All witness photos on file in the Monroe County Surveyors Office.

**OTHER EVIDENCE:** Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

Monument is close to where west running Hoss Lane curves south and continues as Airport Road. It is on the west side of an entry drive for the American Piano Factory.

**MONUMENT PRESERVATION:** Describe work done to preserve existing monument.

Geodetic controls were captured. Integrity of sign was tested. New Witness A was established. Stake with orange tape was set adjacent to the pipe.

**THEORY OF LOCATION:** Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty.

The pipe was previously witnessed by the Monroe County Surveyor, Kevin Enright, on February 10, 2000 and accepted by the Monroe County Surveyor Review Board on June 19, 2012. The 2012 Monument Record accepted the pipe per a boundary survey by Lee Utt, Gilliland (1999), recorded as Instrument Number 1999023751.IN and a Matthew G. Badger survey, Hancock (2010), on file at the Recorder's Office as 2011010231.IN. Other References on File: A survey by Charles D. Graham, Cerilli (2018), on file at the Recorder's Office as 2018014666.IN and a survey by Eric L. Deckard, Purcell Type E Administrative Subdivision Final Plat (2021), on file at the Recorder's Office as 2021009821.IN. Historic research has not yet been performed to prove the validity of this monument.

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Page 2 of 3

MONUMENT RECORD  
State of Indiana - County of Monroe

Section: 17

Township: 8 North

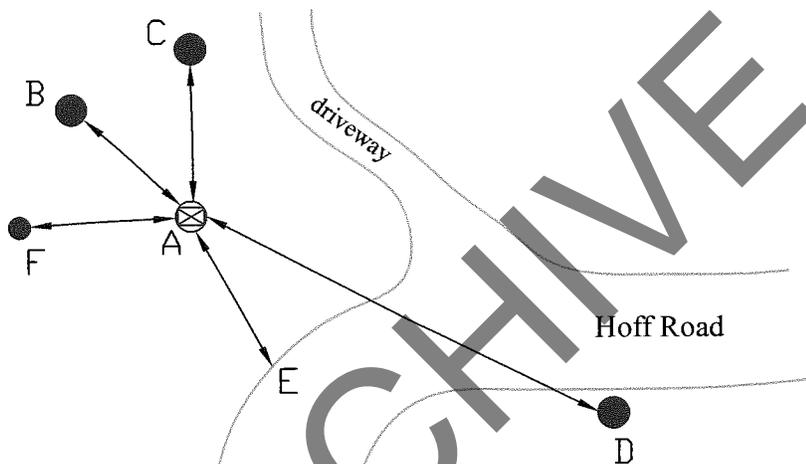
Range: 2 West

Corner ID: VanBu I-09

Monument Description & Remarks: 1½" Iron Pipe. Survey Sign 4ft above ground at pt. B

References On File: Lee Utt survey, Carl & Autumn Gilliland (1999), on file in Surveyor Office and Matthew G. Badger survey, Hancock (2010), on file in Recorder Office (IN2011010231)

RECOVERY TIE DRAWING  
Field Book 32 Page No. 08



	17	

- A - 1½" Iron Pipe
- B - N 58° W 17.40' to PK nail in 24" Sugar Maple
- C - N 17° W 19.55' to MAG nail in 15" Sugar Maple
- D - S 75° E 69.72' to MAG nail in 15" power line pole
- E - S 35° E 31.55' to edge of Hoff Road
- F - N 90° W 16.67' to Nail



Not To Scale  
Compass Bearing Magnetic North

I, Kevin P. Enright, Monroe County Surveyor, hereby certify that this document was prepared under my direction in accordance with the provisions of section 36-2-12-11 of the Indiana Code; and the above data is given under my hand and seal this 10th day of February, 2000.

*Kevin P. Enright*  
 \_\_\_\_\_



Administered by the Monroe County Surveyor Review Board

Date: 6-19-2012

**PENDING**

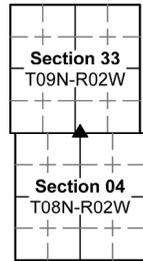
**MONUMENT RECORD**

Corner ID: **VanBu\_K01**

**1/4 Corner**

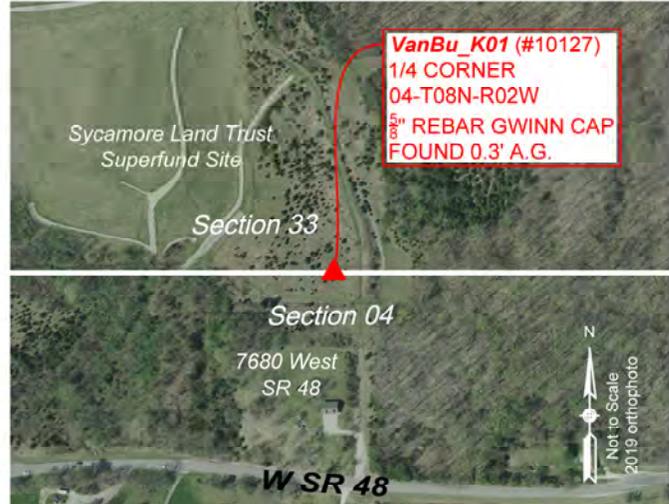
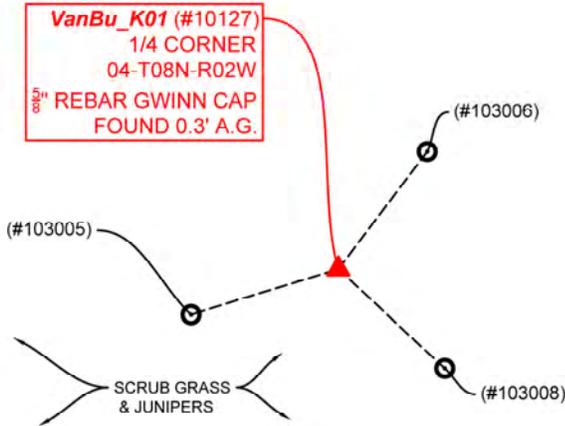
Section 4 - T08N-R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana



**MONUMENT:** Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)  
5/8" Rebar with yellow plastic cap stamped "J. A. GWINN LS 9300019" 0.3' above grade in grasslands of a superfund site.

**MONUMENT LOCATION SKETCH:**



MONUMENT ACCESSORIES			
Survey grade monuments that were located in the vicinity and their relation to the monument.			
(#103005)	S 72d54'53" W	16.11'	Set yellow "Monroe County Witness Point" cap on 5/8" found rebar 0.1' above grade.
(#103006)	N 37d1'56" E	15.45'	Set yellow "Monroe County Witness Point" cap on 5/8" found rebar 0.1' above grade
(#103008)	S 47d11'44" E	15.16'	Set yellow "Monroe County Witness Point" cap on 5/8" found rebar 0.1' above grade

**PHOTO IDENTIFIED:** Photo Date: 06/27/2023



Photo Orientation & Description: Looking at VanBu\_K01 from above



Photo Orientation & Description: Looking north at VanBu\_K01



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**PENDING**

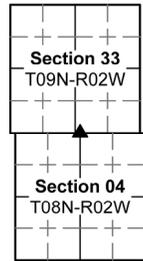
## MONUMENT RECORD

Corner ID: **VanBu\_K01**

**1/4 Corner**

Section 4 - T08N-R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana



**ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND:** *Include, search area or areas, search procedure, etc.*

*Date of Field work/Search:* 06/27/2023 *By:* HJ & JG *Monument Found:* Rebar with Cap *BTs or Reference Objects Found:* Found three witnesses set in for Location Control Route Survey SR 48 Monroe (2023) cited in the T.o.L. *Project #:* Van Buren Preservation *Field Book:* 55/36 *Equipment:* The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid12b\_conus.db3, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Coordinate data was collected with a Javad Triumph LS Network Rover. Coordinates are available upon request. Priority should be given to provided distances over bearings. *Notes:* All witness photos on file in the Monroe County Surveyors Office.

**OTHER EVIDENCE:** *Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.*

Monument is located in a superfund site owned by the Sycamore Land Trust. The EPA performs regular checks of the PCB levels of this former landfill once used by Westinghouse. The yellow vertical pillars seen throughout the landscape are access points for these inspections. The monument can be accessed from the driveway for 7680 W SR 48. Proceed north until cyclone fence. From this point, go east around fence and then northwesterly down a slight hill to the monument.

**MONUMENT PRESERVATION:** *Describe work done to preserve existing monument.*

Geodetic controls were recorded for monument and the three witnesses. Adjacent property owner was made aware of monument's existence. Survey sign set 3.1' above grade 4" north of monument.

**THEORY OF LOCATION:** *Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty.*

The rebar was set by licensed surveyor, Jess Gwinn, while performing the survey, Legal Description Sycamore Land Trust Administrative Type "E" Subdivision Neal's Landfill Tract 1 (2008), on file at the Recorder's Office as 2008018084.IN. This monument is also held in a survey by Adam Christenberry, Location Control Route Survey SR 48 Monroe (2023), on file at the Recorder's Office as 2023002577.IN. No historical information could be found on offset monument Rich\_K25. Historic research has not yet been performed to prove the validity of this monument.

**CERTIFICATION:**



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Page 2 of 2

PENDING

**MONUMENT RECORD**

Corner ID: **VanBu\_U09**

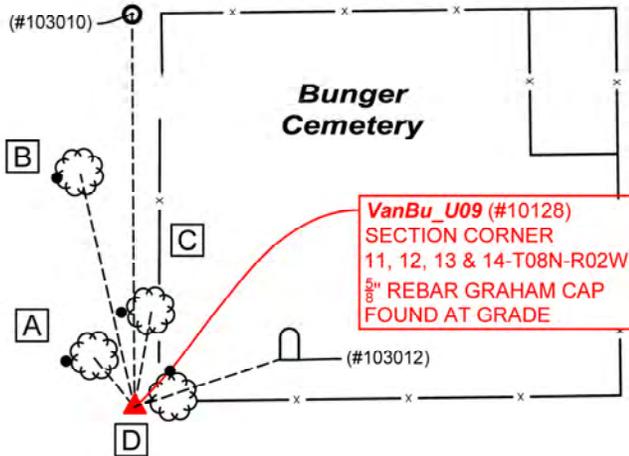
**Section Corner**

Sections 11, 12, 13 & 14- T08N-R02W, 2nd P.M.  
Van Buren Township, Monroe County, Indiana

Section 11 T08N-R02W	Section 12 T08N-R02W
Section 14 T08N-R02W	Section 13 T08N-R02W

**MONUMENT:** Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)  
5/8" Rebar with weathered yellow cap stamped "GRAHAM LS 9978" at the southwest corner of Bunger Cemetery.

**MONUMENT LOCATION SKETCH:**



**WITNESS MONUMENT TIES**

All ties to new Bearing Trees (BTs) are a mag nail set in a 1-1/2" plastic washer stamped "SURVEY MARKER - DO NOT REMOVE" and hack mark at the root crown (less than 12" above ground) perpendicular to the center of the tree, unless otherwise noted. BT diameters are noted as dbh and are measured approximately 4.5' above ground. Bearings are measured from the monument to the center of the BT, distances are measured from the monument to the mag nail.

ID	BEARING	DISTANCE	DESCRIPTION
Witness A	N 39d W	10.2'	Mag nail and washer set in hack 0.2' above grade on the west side of eastern trunk of bifurcated 8" Hackberry Tree.
Witness B	N 13d W	38.5'	Set mag nail and washer 0.8' above grade on west side of southern trunk in patch of trunk with no bark of bifurcated 26" (south trunk only) Sugar Maple Tree. Found puckered signs of nail as per Witness B 1997 monument record. Tree in latter state of life.
Witness C	N 10d E	15.5'	Set mag nail and washer in hack 0.2' above grade on the west side of 21" Black Cherry Tree. Found hack scar on west side of as per Witness C on 1997 monument record.
Witness D	N 65d E	2.9'	Found signs of nail scarring on 12" Hackberry Tree with wire wrapped around it and serving as southwest corner of cemetery fence. Old "Please Protect Nearby Survey Marker" sign intermeshed with wire and tree bark on north side of tree as per Witness D on 1997 monument record.

**MONUMENT ACCESSORIES**

Other survey grade monuments that were located in the vicinity and their relation to the monument.

(#103010)	N 0d20'27" W	63.30'	Found 5/8" Rebar with yellow cap stamped, "TAPP 80900014" 0.1' feet above grade.
(#103012)	N 71d35'19" E	24.59'	Found 15" x 26" x 2" grave marker reading, "MARGARET" facing east. Coordinates collected on west side center at grade.



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**PENDING**

**MONUMENT RECORD**

Corner ID: **VanBu\_U09**

**Section Corner**

Sections 11, 12, 13 & 14- T08N-R02W, 2nd P.M.  
Van Buren Township, Monroe County, Indiana

Section 11 T08N-R02W	Section 12 T08N-R02W
Section 14 T08N-R02W	Section 13 T08N-R02W

**PHOTO IDENTIFIED:** Photo Date: 06/30/2023



Photo Orientation & Description: Looking at VanBu\_U09 from above.



Photo Orientation & Description: Looking southeast at VanBu\_U09

**ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND:** *Include, search area or areas, search procedure, etc.*  
 Date of Field work/Search: 6/30/2023 By: JG & HJ Monument Found: Rebar with Cap BTs or Reference Objects Found: Found Witnesses B, C & D from 1997 monument record. Nothing was found at former Witness E's bearing and distance Project #: Van Buren Preservation Field Book: 55/38 Equipment: The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid12b\_conus.db3, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Coordinate data was collected with a Javad Triumph LS Network Rover. Coordinates are available upon request. Distances to witness ties were collected with a 100' measuring tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to grid north and are approximately shown hereon for reference. Priority should be given to provided distances over bearings. Notes: All witness photos on file in the Monroe County Surveyors Office.

**OTHER EVIDENCE:** *Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.*  
 Monument is west of the southwest corner of Bunger Cemetery. It can be accessed from 4445 W State Road 45. There is a drive on the west side of the commercial building that curves to back and a parking spot on the south side of the drive. The monument can be found +/- 160' southeasterly from this point in a thicket west of the cemetery.

**MONUMENT PRESERVATION:** *Describe work done to preserve existing monument.*  
 New witnesses were established. Geodetic controls were recorded for the monument and two witnesses. A new sign was set 3.5' above grade on an existing post 3" west of rebar.

**THEORY OF LOCATION:** *Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty.*  
 The rebar was previously witnessed by the Monroe County Surveyor, Kevin Enright, on December 4, 1997, and accepted by the Monroe County Surveyor Review Board sometime after that. Raymond Graham set the rebar while performing a perpetuation survey for Sections 11 & 12 in Township 09 North Range 02 West on file at the Surveyor's Office as RSID005186. Other Resources on File: a survey by Todd M. Borgman, Church of The Good Shepard Final Plat (2023), on file at the Recorder's Office as 2023003777.IN and a survey by Eric L. Deckard, Dillman Farm Type "E" Administrative Subdivision (2023), on file at the Recorder's Office as 2023005502.In. Historic research has not yet been performed to prove the validity of this monument.

**CERTIFICATION:**



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# MONUMENT RECORD State of Indiana - County of Monroe

Section: 11

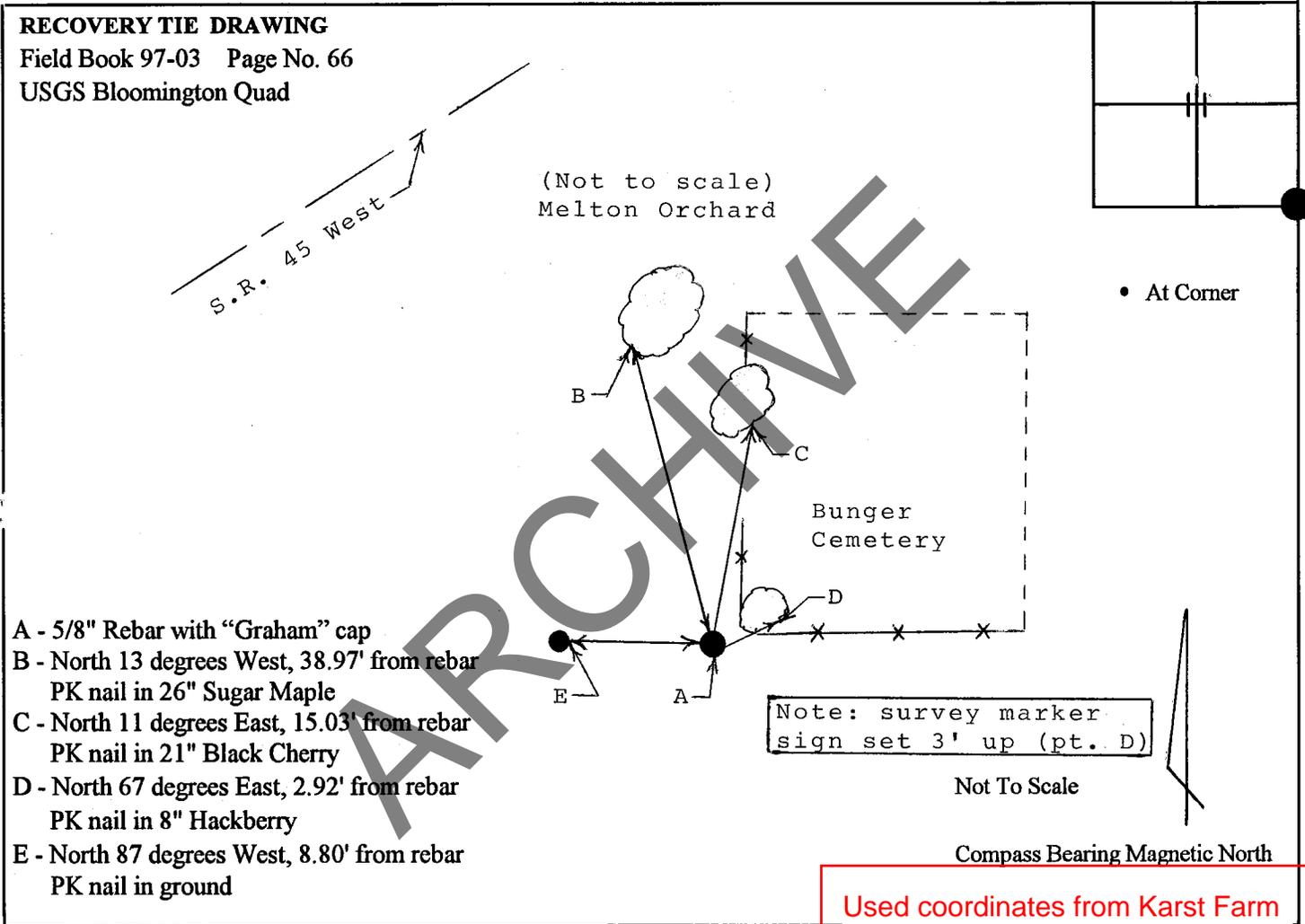
Township: 8 North

Range: 2 West

Corner ID: Van Bu U-09

**Monument Description & Remarks:** Found 5/8" Rebar with orange "Graham IN LS 9078" cap, flush with ground, at SE corner of section.

**References on file in the County Surveyor's Office:** Referenced by Doug Graham, R.L.S.



Used coordinates from Karst Farm Greenway Survey in GIS. -R.Oser

I, Kevin P. Enright, Monroe County Surveyor, hereby certify that this document was in the direction in accordance with the provisions of Section 36-2-12-11 of the Indiana Code given under my hand and seal this 4th day of December, 1997.



2019021055 SURVEY2 \$60.00  
12/09/2009 10:52:43A 9 PGS  
Monroe County Recorder IN  
Recorded as Presented

715 N: 1416657.812  
E: 3092199.061

Melton Orchard

App. S.E. Cor., Sec. 11  
Iron Pin w/ Cap (Fnd.)  
Flush Surface

Administered by: Surveyor Review Board