

**Office of the Monroe County Surveyor****Trohn Enright-Randolph**

Health Services Building

119 West 7<sup>th</sup> Street

Bloomington, IN 47404

Phone: (812) 349-2570

[surveyorsoffice@co.monroe.in.us](mailto:surveyorsoffice@co.monroe.in.us)

**AGENDA**  
**SURVEYOR REVIEW BOARD**  
**HYBRID MEETING**  
**Via Zoom App**  
**Tuesday, November 22, 2022**

- I. Call to Order**
- II. Approval of agenda**
- III. Approval of minutes from October 25, 2022**
- IV. New Business**
  - a. Office Update**
  - b. Approval of 2023 Surveyor Review Board Schedule**
- V. Certification of corners:**
  - a. County Surveyor Perpetuation: Per\_G07, Per\_Q21, Per\_Q23 & Per\_S21\***
  - b. Corner Documentation Program: Blm\_W01-Wash\_W25**
  - c. Professional Services Agreement:**
- VI. Public input**
- VII. Adoption of next meeting date**
- VIII. Adjournment**

*\*Has no previous certification*

**Zoom Meeting Information**

<https://monroecounty-in.zoom.us/j/84648553923?pwd=VmdvUGl1MFR5NzU3VmhXK1JiejZzUT09>

Meeting ID: 846 4855 3923

Password: 668366

**Dial by your location**

+1 312 626 6799 US (Chicago)

Meeting ID: 846 4855 3923

**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.

**Survey Utility**

**MINUTES  
SURVEYOR REVIEW BOARD  
REGULAR MEETING  
Hybrid Meeting  
Tuesday, October 25, 2022**

- I. Call to Order. Meeting called to order at 4:04 pm by Trohn Enright-Randolph.**
- II. Approval of agenda. Motion to approve by Eric Deckard; second by Rachel Oser. VOTE: YES (unanimous). Agenda approved.**
- III. Approval of minutes from June 21, 2022, July 19, 2022, August 23, 2022 & September 27, 2022. Oser and Trohn had minor edits. Motion to approve (with corrections) by Deckard; second by Oser. VOTE: YES (unanimous). Minutes approved (with corrections).**
- IV. New Business**
  - a. Office Update**

Trohn noted that approval of section corner perpetuation service agreements are in process and there would be more of an update next meeting. He said he would be out of the office on vacation next week.
- V. Certification of corners: BeBl\_G17, BeBl\_G19, Rich\_S13, Blm\_G25, InCr\_I05, InCr\_I07, InCr\_I09, InCr\_I11, InCr\_K07, InCr\_K09, InCr\_K11**

**BeBl\_G17, BeBl\_G19.** Oser noted a typo and an edit needed in the equipment section. **Motion by Deckard to approve BeBl\_G17 and BeBl\_G19 (with edits); second by Oser. VOTE: YES (unanimous).**

**Rich\_S13.** Motion to approve by Oser; second by Deckard. VOTE: YES (unanimous).

**Blm\_G25.** There was a discussion of the monument being “slightly recessed.” **Motion by Deckard to approve with edit; second by Oser. VOTE: YES (unanimous).**

**InCr\_I05 – tabled**

**InCr\_I07, InCr\_I09, InCr\_I11, InCr\_K07, InCr\_K09, InCr\_K11.** These tiesheets were generated as part of the section corner documentation program from a Deckard boundary survey project. **Oser motioned to approve. Deckard recused himself from voting. VOTE: YES-1; RECUSE-1. Motion carried.**

- VI. Public input. None.**
- VII. Adoption of next meeting date.** Donna Barbrick said the next meeting was scheduled for Nov. 22.
- VIII. Adjournment.** The meeting adjourned at 5:04 pm.

Minutes approved: \_\_\_\_\_



## **SCHEDULE 2023**

### **MONROE COUNTY**

### **SURVEYOR REVIEW BOARD**

**Location:** Monroe County Health Building Meeting Room at 119 W 7th Street, Bloomington, IN

**Time:** 4:00-6:00 pm

**Meeting Schedule:**

January 24

February 21

April 18

March 21

May 16

July 18

August 22

September 26

October 24

November 28

December 19

**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.

**Survey Utility**





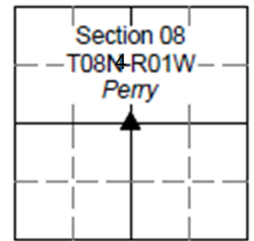
# MONUMENT RECORD

Corner ID: **Per\_G07**

## Quarter Corner

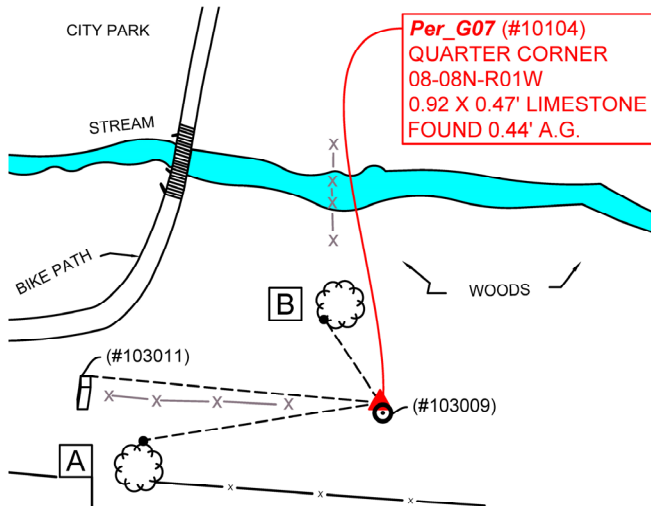
Section 08 - T08N-R01W, 2nd P.M.

Perry Township, Monroe County, Indiana



**MONUMENT:** Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)  
Found Limestone 0.92' x 0.47' with worn "+" and a 1" diameter drilled hole in center 0.44' above grade firmly in place.

### 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	S 81d W	51.0'	Found magnetic signal 18" above grade on south side of 33" sugar maple tree as per Witness C on 1999 monument record. Mag nail and washer set in hack 1.4' above grade on the north side.
Witness B	N 34d W	20.9'	Mag nail and washer set in hack 0.3' above grade on the southwest side of 8" sugar maple tree.

### MONUMENT ACCESSORIES

Other survey grade monuments that were located in the vicinity and their relation to the monument. Geodetic coordinates in this table are provided in the format Easting, Northing.

(#103009)	S 24d12'25" E	0.67'	Found 5/8" rebar with yellow cap reading, "BLEDSOE TAPP PC50920004" 0.3' above grade.
(#103011)	N 84d59'16" W	61.77'	Found 6" x 6" x 5' limestone pillar leaning west. Geodetic coordinates captured at northwest corner.



MCSR B

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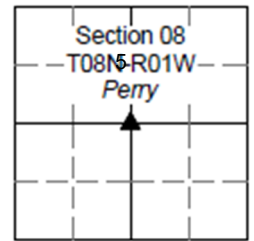
# MONUMENT RECORD

Corner ID: **Per\_G07**

**Quarter Corner**

Section 08 - T08N-R01W, 2nd P.M.

Perry Township, Monroe County, Indiana



**PHOTO IDENTIFIED:** Photo Date: 07/29/2022



Photo Orientation & Description: Per\_G07 from north



Photo Orientation & Description: Per\_G07 from above with Witness (#103009)

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

Date of Field work/Search: 07/22/2022 & 07/29/2022 By: JG & HJ Monument Found: Stone BTs or Reference Objects Found: Found flush to ground, remains of a stump for Witness B from 1999 monument record. Found Witness C from 1999 monument record. Found magnetic nail in a stump of an unidentified tree which bearings, distances and size are relatable to Witness D from 1999 monument record. Project : Perry Preservation and Restoration Field Book: 54/71 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 located close to the point where RCA Park intersects with Autumnview and Rockport Hills Section II subdivisions. It can be accessed along the lot line that divides 917 & 921 Cardinal Ct. Proceeding southwesterly, one will cross a small creek and find Per\_G07 approximately 70' from that point. Fences restrict any access from Rockport Hills.

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

Geodetic controls were captured for the stone and for new witnesses (#103009) and (#103011). Another new witness was established. Stone was tested for acidity and then painted. A new sign was set on the existing post which was directly east and adjacent.

## 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, Kevin Enright, on April 7, 1999, and accepted by the Monroe County Surveyor Review Board on October 21, 1999. The 1999 Monument Record accepted the stone per a boundary survey by Gary Kent RLS S0389, Bloomington Distribution Center (1991), recorded as Instrument Number 221469.IN. It is believed this stone was set by Field Engineer H E Farewell while performing a survey for the Indiana Limestone Company, Smith & Markham Quarries (1929), on file at the Surveyor's Office as RSID004674. Other References on File: a survey by Mark A. Schepers, Rockport Road Location Route Control Survey (2013) on file at the Recorder's Office as 2013018163.IN and a survey by Todd M. Borgman, Osage Place Subdivision Phase 1 Final Plat (2022), on file at the Recorder's Office as 2022007569.IN. Historic research has not yet been performed to prove the validity of this monument.



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**MONUMENT RECORD**

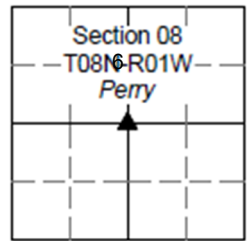
11/22/2022

Corner ID: **Per\_G07**

**Quarter Corner**

Section 08 - T08N-R01W, 2nd P.M.

Perry Township, Monroe County, Indiana



**CERTIFICATION:**

DRAFT



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**MONUMENT RECORD**  
**State of Indiana - County of Monroe**

Section: 08

Township: 8 North

Range: 1 West

Corner ID: Per G-07

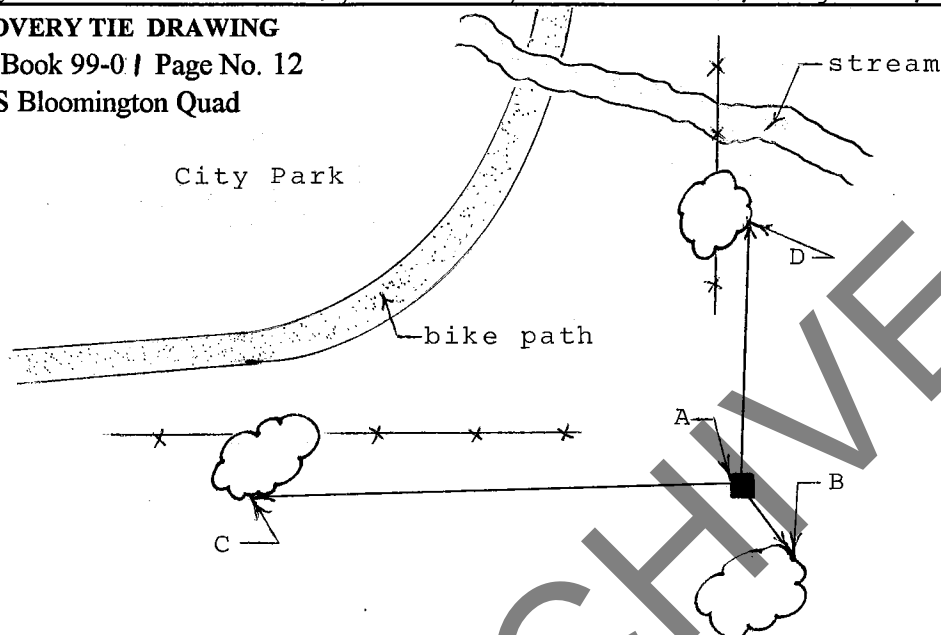
**Monument Description & Remarks:** Found Limestone with "+" at center of section. Stone was rough, with a 1" diameter hole in center of the top, and measured 0.43' (h) x 0.92' (l) x 0.47' (w). Fallen fence corner post with flagging and three lathes found near corner.

**References On File:** Survey by Gary Kent, R.L.S. No. S0389, recorded in Book 2, Page 224, in the Monroe County Recorder's Office. Legal Survey Book No. 3, Page 34, County Surveyor's Office.

**RECOVERY TIE DRAWING**

Field Book 99-0 / Page No. 12

USGS Bloomington Quad



A - Limestone with "+"

B - South 37° East, 2.77' from stone  
 MAG nail in 21" Shagbark Hickory  
 Survey marker sign set 3' up

C - North 89° West, 49.77' from stone  
 MAG nail in 25" Sugar Maple

D - North 02° East, 20.55' from stone  
 MAG nail in 21" Sugar Maple

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 7th day of April, 1999

*Kevin P. Enright*

Administered by the Monroe County Surveyor Review Board

Date: 10/21/2022



# MONUMENT RECORD

Corner ID: **Per\_Q21**

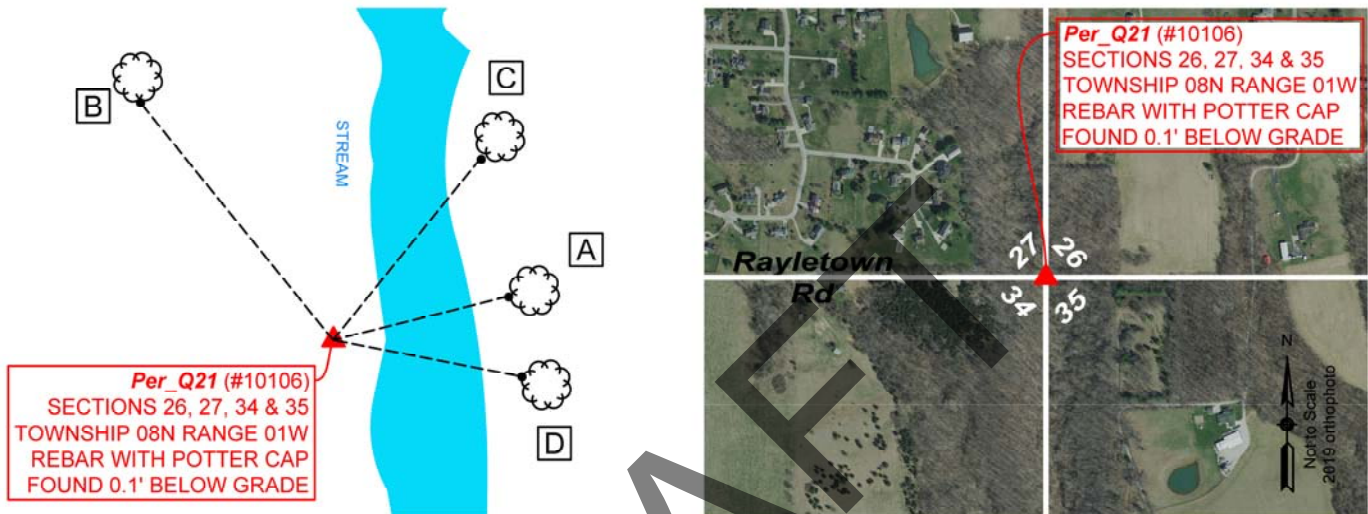
## Section Corner

Sections 26, 27, 34 & 35- T08N-R01W, 2nd P.M.  
Perry Township, Monroe County, Indiana

Section 27 <sup>8</sup> T08N-R01W Perry	Section 26 T08N-R01W Perry
Section 34 T08N-R01W Perry	Section 35 T08N-R01W Perry

**MONUMENT:** Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)  
5/8" Rebar with yellow plastic cap stamped "K.B. POTTER RLS S 0487" found 0.1' below grade 5' west of stream running north/south.

### 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 76d E	18.4'	Mag nail and washer set in hack 0.8' above grade on the southwest side of 4" black maple tree.
Witness B	N 39d W	31.5'	Found magnetic signal 3' above grade on east side of 28" beech tree as per 1999 monument record. Set mag nail and washer in hack 1' above grade on southeast side.
Witness C	N 39d E	24.3'	Found PK nail 2' above grade on west side of 24" dead tree; splintered +/- 35' above grade. Bearings, distance and size align with Witness C of 1999 monument record.
Witness D	S 79d E	19.7'	Found magnetic signal at grade or slightly below in crook of leaning 10" bifurcated slippery elm as per 1999 monument record. Set mag nail and washer in hack 0.4' above grade on south side.



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# MONUMENT RECORD

Corner ID: **Per\_Q21**

## Section Corner

Sections 26, 27, 34 & 35- T08N-R01W, 2nd P.M.  
Perry Township, Monroe County, Indiana

Section 27 T08N-R01W Perry	Section 26 T08N-R01W Perry
Section 34 T08N-R01W Perry	Section 35 T08N-R01W Perry

PHOTO IDENTIFIED: Photo Date: 7/25/2022



Photo Orientation & Description: Per\_Q21 from above



Photo Orientation & Description: Looking west at Per\_Q21



Photo Orientation & Description: Looking south at Per\_Q21



Photo Orientation & Description: Looking north at Per\_Q21

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

Date of Field work/Search: 7/25/2022 By: HJ & JG Monument Found: Rebar with Potter cap BTs or Reference Objects Found: Found Witnesses B, C & D from 2000 monument record. Project #: Perry Preservation & Restoration Field Book: 54/72 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.



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# MONUMENT RECORD

11/22/2022  
Corner ID: **Per\_Q21**

## Section Corner

Sections 26, 27, 34 & 35- T08N-R01W, 2nd P.M.  
Perry Township, Monroe County, Indiana

Section 27 T08N-R01W Perry	Section 26 T08N-R01W Perry
Section 34 T08N-R01W Perry	Section 35 T08N-R01W Perry

**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 +/- 5' west of a S-shaped bend in a sandstone creek. The S-shape is somewhat identifiable feature as one moves south from the entry point at the bottom of the ravine. One could access the site from 2750 Rayletown Rd and traverse approximately a 1/4 mile easterly down a hilly grass path or over a tenth of a mile through some aggressive brush from 3769 Newport Ct. There are no fences obstructing access at this time. Follow natural trails down a steep slope to the creek and then continue southerly along the creek to the monument.

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

A "Protect Nearby Survey Markers" sign was set +/- 7" northwest of the rebar. Geodetic controls were captured for the monument. A new witness was set.

**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 June 22, 2000 and accepted by the Monroe County Surveyor Review Board on November 2, 2000. The 2000 Monument Record accepted the rebar per a boundary survey by Kevin B. Potter on file at the Surveyor's Office as RSID002328. Other References on File: Charles D. Graham survey, Fields/Lucas Minor Subdivision Final Plat (2020), on file at the Recorder's Office as 2021009420.IN and a Todd M. Borgman survey, Morrison Type E Administrative Subdivision Final Plat (2021), on file at the Recorder's Office as 2021019410.IN. Historic research has not yet been performed to prove the validity of this monument.

**CERTIFICATION:**

DRAFT



MCSR B

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**MONUMENT RECORD**  
 State of Indiana - County of Monroe

Section: 26 Township: 8 N Range: 1 W

Corner ID: Per Q-21

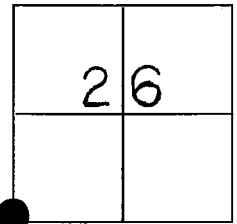
**Monument Description & Remarks:** Found: 5/8" rebar with cap lathe stake "SECTION CORNER KB POTTER RLS 0487"

**References On File:** Survey Naom Stillions--Theo Stillions Plat by K.B. Potter.  
 PK witnesses found at stations B & C--set a MAG nail at stations B & D.

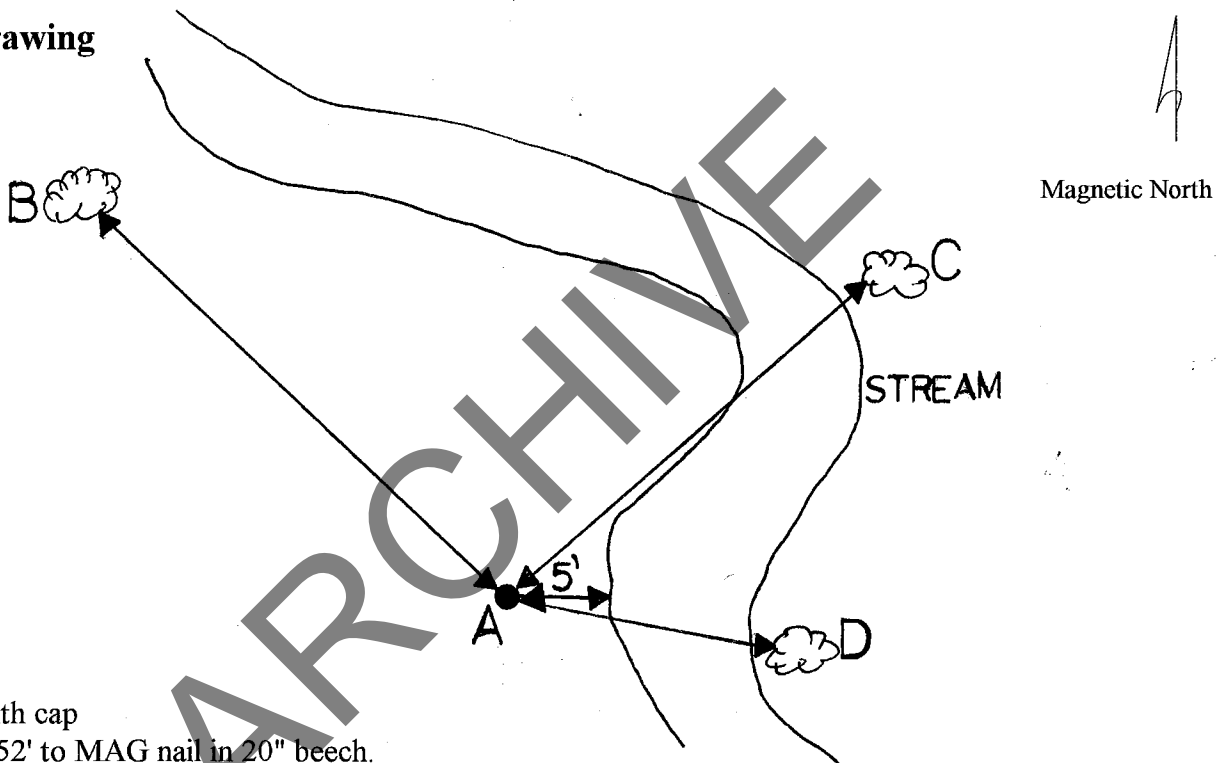
**Field Book:** 2000-01

**Page No.:** 66

**USGS Quad:** Allens Creek



**Tie Sheet Drawing**  
 (Not to Scale)



A-5/8" rebar with cap  
 B-N 35° W 31.52' to MAG nail in 20" beech.  
 C-N 39° E 24.30' to PK nail in 20" sugar maple. Survey Marker 4' A.G.  
 D-S 79° E 19.68' to MAG nail in 3' slippery elm.

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 this 22nd day of June, 2000.

*Kevin P. Enright*



Certified and sealed by the Monroe County Surveyor Review Board

Date: 11/02/00

October 13, 2000





# MONUMENT RECORD

Corner ID: **Per\_Q23**

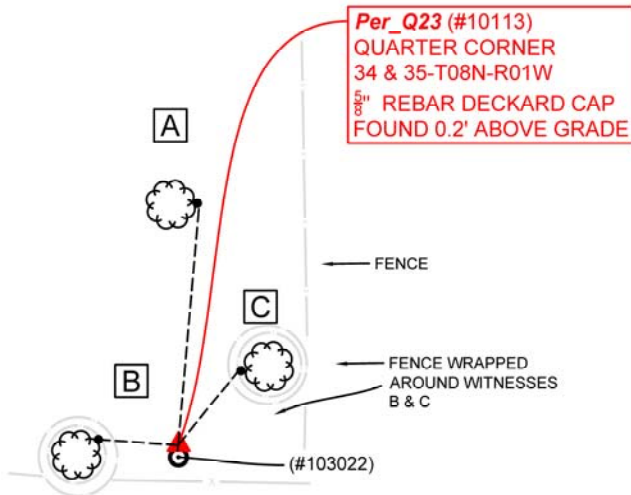
**Quarter Corner**

Sections 34 & 35- T08N-R01W, 2nd P.M.  
Perry Township, Monroe County, Indiana

			12	
	Section 34		Section 35	
	T08N-R01W		T08N-R01W	
	Perry		Perry	

**MONUMENT:** Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)  
5/8" Rebar with yellow mangled Deckard cap 0.2' above grade.

## 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 5d E	24.8'	Set mag nail and washer in hack 0.3' above grade on the east side of 8" hackberry tree.
Witness B	N 86d W	8.4'	Found magnetic signals in 20" black walnut tree with barbwire wrapped around it as per 2009 monument record. Set mag nail and washer in hack 0.8' above grade on east side per witness C in 2009 monument record.
Witness C	N 39d E	10.3'	Found magnetic signals in 18" slippery elm tree with barbwire wrapped around it and a white "No Trespassing" sign on west side as per 2009 monument record. Set mag nail and washer in hack 0.2' above grade on west side per witness D in 2009 monument record.

## MONUMENT ACCESSORIES

Other survey grade monuments that were located in the vicinity and their relation to the monument. Geodetic coordinates in this table are provided in the format Easting, Northing.

(#103022)	S 6d9'6" W	0.60'	Found 1/2" rebar 2' above grade as per 2009 monument record.
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## MONUMENT RECORD

Corner ID: **Per\_Q23**

### Quarter Corner

Sections 34 & 35- T08N-R01W, 2nd P.M.  
Perry Township, Monroe County, Indiana

		13	
	Section 34		Section 35
T08N-R01W	▲	T08N-R01W	
Perry		Perry	

**PHOTO IDENTIFIED:** Photo Date: 08/19/2022



Photo Orientation & Description: Per\_Q23 from above.



Photo Orientation & Description: Looking east at Per\_Q23

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

Date of Field work/Search: 08/19/2022 By: JG & HJ Monument Found: Rebar with Deckard cap BTs or Reference Objects Found: Found Witnesses B, C & D from 2009 monument record Project #: Perry Preservation Field Book: 54/77 Equipment: The basis of bearings is Grid North System rNAD83(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 located at the southeast corner of 2570 Rayletown Road. There is a cattle gate close to the house. After that point, one can drive south and east to a point where the tall grass becomes woods. The MCSO was able to drive to a point forty feet west of the rebar before traversing on foot the rest of the way.

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

Geodetic controls were captured for the monument and Witness (#103022). A new sign was set on a T-post 3.5' above grade and 5" east of monument. Property owners were made aware of monument's existence.

#### 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 April 15, 2009 and accepted by the Monroe County Surveyor Review Board on May 12, 2009. The 2009 Monument Record accepted the rebar per a boundary survey by Eric L. Deckard, Jane Rezvan (2007), recorded as Instrument Number 2007021909.IN. Another reference on file: Eric L. Deckard survey, McIntosh Boundary Survey (2022), on file at the Recorder's Office as 2022010562.IN. Historic research has not yet been performed to prove the validity of this monument.

#### CERTIFICATION:



MCSR B

OFFICE OF THE MONROE COUNTY SURVEYOR • Trohn Enright-Randolph

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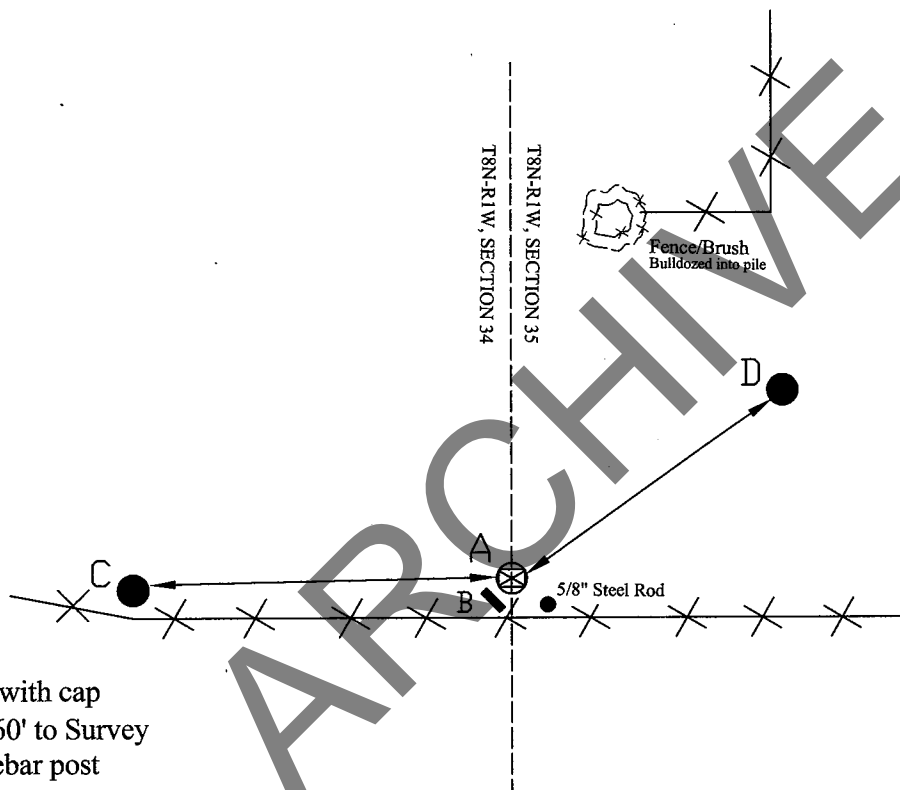
**MONUMENT RECORD**  
State of Indiana - County of Monroe

**Section:** 35**Township:** 8 North**Range:** 1 West**Corner ID:** Per Q-23

**Monument Description & Remarks:** 5/8" Rebar with cap, "DECKARD 2999012". Survey Sign 1.5ft above ground at pt. B

**References On File:** Eric L. Deckard survey, Jane Rezvan (2007), on file in Recorder Office cabinet S, envelope 395

RECOVERY TIE DRAWING  
Field Book 42 Page No. 42



- A** - 5/8" Rebar with cap  
**B** - S 05° W 0.60' to Survey Sign on 1/2" Rebar post  
**C** - N 86° W 9.69' to MAG nail in 19" Black Walnut  
**D** - N 55° E 10.21' to MAG nail in 16" Slippery Elm

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 15th day of April, 2009.

*Kevin P. Enright*

Administered by the Monroe County Surveyor Review Board

Date: 5-12-2009  
MCSR





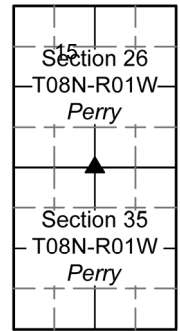


# MONUMENT RECORD

Corner ID: **Per\_S21**

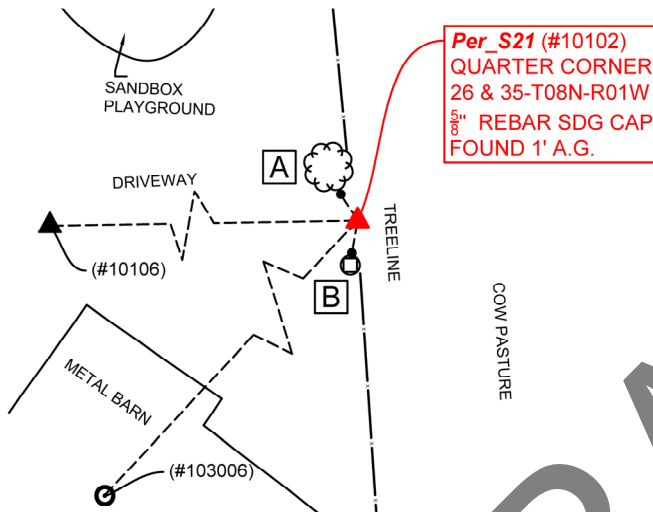
**Quarter Corner**

Sections 26 & 35- T08N-R01W, 2nd P.M.  
Perry 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 "SDG INC FIRM 0101" 1' above grade

## MONUMENT LOCATION SKETCH:



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 33d W	4.5'	Mag nail and washer set in hack 0.2' above grade on the south side of a bifurcated (at grade) 11" white ash tree (south trunk only measured).
Witness B	S 10d W	5.0'	Mag nail and washer set 0.3' above grade on the north side of 4" x 4" x 4' wooden fence post.
MONUMENT ACCESSORIES			
Other survey grade monuments that were located in the vicinity and their relation to the monument. Geodetic coordinates in this table are provided in the format Easting, Northing.			
(#103006)	S 43d18'46" W	184.72'	5/8" rebar with yellow cap "SDG INC FIRM 0101" found at grade southwest of metal barn.
(#10106)	S 89d05'48" W	2611.49	<b>Per_Q21</b> included herein to depict distance and bearing in survey referenced in Theory of Location (see below) a 5/8" rebar with yellow plastic cap stamped "KB POTTER RLS S 0487" found 0.1' below grade.

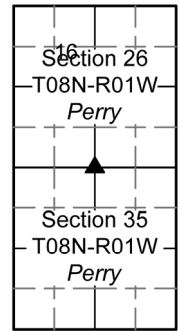


## MONUMENT RECORD

11/22/2022  
Corner ID: **Per\_S21**

### Quarter Corner

Sections 26 & 35- T08N-R01W, 2nd P.M.  
Perry Township, Monroe County, Indiana



**PHOTO IDENTIFIED:** Photo Date: 7/22/2022



Photo Orientation & Description: Per\_S21 from above



Photo Orientation & Description: Looking east at Per\_S21 and Witnesses A & B

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

Date of Field work/Search: 7/22/2022 By: JG & HJ Monument Found: Rebar with SDG Cap BTs or Reference Objects Found: N/A  
Project #: Perry Preservation Field Book: 54/70 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 located east of a fence line running north-south. The east side of a fence hosts livestock and the west side is the residence 5820 Handy Road. They have an oblong turnabout in the driveway, with a playground at its center. The monument is southeast of it.

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

"Protect Nearby Survey Marker" sign was set 0.5' east of the monument at 3.5' above grade. Geodetic controls were captured for the monument and witnesses (#103006) & (10106). Two other witnesses were established. Homeowner was made aware of existence 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 set by Licensed Surveyor, Todd M. Borgman (LS21200021), while performing the Morrison Type E Administrative Subdivision Final Plat (2020) on file at the Recorder's Office as 2021019410.IN. Historic research has not yet been performed to prove the validity of this monument.



MCSR B

**OFFICE OF THE MONROE COUNTY SURVEYOR • Trohn Enright-Randolph**

119 W 7th Street, Bloomington, IN 47404 • 812-349-2570 • surveyorsoffice@co.monroe.in.us

11/22/2022

Page 2 of 3

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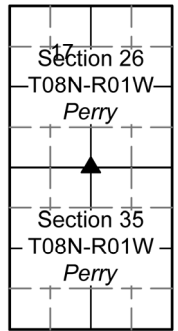


**MONUMENT RECORD**

11/22/2022  
Corner ID: **Per\_S21**

**Quarter Corner**

Sections 26 & 35- T08N-R01W, 2nd P.M.  
Perry Township, Monroe County, Indiana



**CERTIFICATION:**

DRAFT



MCSR B

**OFFICE OF THE MONROE COUNTY SURVEYOR • Trohn Enright-Randolph**

119 W 7th Street, Bloomington, IN 47404 • 812-349-2570 • [surveyorsoffice@co.monroe.in.us](mailto:surveyorsoffice@co.monroe.in.us)

11/22/2022

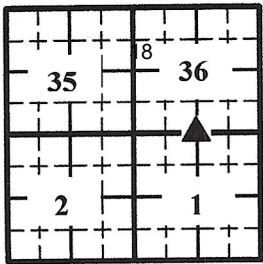
Page 3 of 3

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MONUMENT RECORD  
Corner ID: Wash\_W25 / Blm\_W01  
Common Corner

Section 36 – T10N-R01W & Section 1 – T09N-R01W, 2nd P.M.  
Washington Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: *Unknown* By: *William Harris*  
Where filed or recorded: *Original Notes Page 260*  
Original monument: *Post*  
Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
<i>Sassafras</i>	<i>9"</i>	<i>S 63° E</i>	<i>20 Links</i>
<i>Hickory</i>	<i>12"</i>	<i>S 80° W</i>	<i>6 Links</i>

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: *02/15/1978* By: *Edmund O. Farkas*  
Where filed or recorded: *M.C.S.O. Records*  
Original monument: *Stone*  
Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
<i>Blazed Oak</i>	<i>36"</i>	<i>N 80° W</i>	<i>34.7'</i>
<i>P.S.I. Pole</i>		<i>N 51° E</i>	<i>28.6'</i>
<i>Poplar</i>	<i>14"</i>	<i>S 28° W</i>	<i>42.7</i>

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: *02/06/1854* By: *James W. Spencer*  
Where filed or recorded: *Survey Book 1, Page 261-262*  
Original monument: *Post possibly set stone*  
Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
<i>N/A</i>			
<i>N/A</i>			

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: *09/13/2011* By: *Kevin P. Enright*  
Where filed or recorded: *M.C.S.O. Records*  
Original monument: *Stone*  
Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
<i>Hickory</i>	<i>20"</i>	<i>N 32° E</i>	<i>2.15'</i>
<i>Mag nail power line pole</i>	<i>11"</i>	<i>N 55° E</i>	<i>28.40'</i>
<i>Sugar Maple</i>	<i>12"</i>	<i>S 17° W</i>	<i>40.55'</i>

Notes:

**SURVEY EVIDENCE FOUND:** Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: *03/01/22* By: *J.R. & K.H.* Monument Found: *Stone* BTs or Reference Objects Found: *24" Hickory tree, Mag nail found in power line pole, and magnetic signal in Sugar Maple* Notes:

PERPETUATION RECORD

**MONUMENT:** Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)  
*6 inch x 8 inch stone 6 inches below grade*

**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.  
*South of E-W running wire fence in E-W running brushline*

**THEORY OF LOCATION:** Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.  
*This stone was found to be referenced by Monroe County Surveyors Edmund O. Farkas on February 15<sup>th</sup>, 1978 and Kevin P. Enright on September 13<sup>th</sup>, 2011. This stone has also been accepted and held by Eric L. Deckard on a survey for Dittemoore dated September 17<sup>th</sup>, 2021 as found in Instrument Number 2022003969 in the Office of the Monroe County Recorder. This stone is believed to be a common corner between Section 36, Township 10 North, Range 1 West & Section 1, Township 9 North, Range 1 West. This stone was found to be commonly accepted by surveys in the area and was accepted as said corner.*

**MONUMENT PRESERVATION:** Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County “PROTECT NEARBY SURVEY MARKER” sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.  
*Monroe County “PROTECT NEARBY SURVEY MARKER” sign was attached to 24 inch diameter Hickory North 30 degrees West 0.75 feet from the stone.*

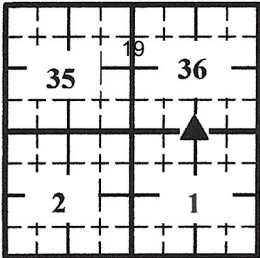
**GEODETIC COORDINATES:** Northing: *1458475.33*, Easting: *3125483.37*

**BASIS OF GEODETIC COORDINATES:** Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone.  
*Coordinates shown hereon were obtained from GPS observations utilizing the Indiana Real-Time Network (INCORS). Indiana West Zone, NAD83(2011) Epoch 2010.0000, State Plane Grid Coordinates, US Survey Feet. Geoid model G2012BU7. Datum NAD83\_NO\_TRANS by Jackson Rogers and Kyle Hazelman on March 1st, 2022.*



MONUMENT RECORD  
Corner ID: Wash\_W25 / Blm\_W01  
Common Corner

Section 36 – T10N-R01W & Section 1 – T09N-R01W, 2nd P.M.  
Washington Township, Monroe County, Indiana



**WITNESS MONUMENT TIES:** Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
B	N 30° W	0.75'	24" Dia. Hickory
C	N 55° E	28.4'	Mag nail in 11" power ling pole
D	S 17° W	40.55'	Magnetic signal in the East side of a 16" Sugar Maple

Notes:

**MONUMENT LOCATION SKETCH:** Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



**PHOTO IDENTIFIED:** Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County "PROTECT NEARBY SURVEY MARKER" sign. Provide photo orientation and date. Additional photos may be included by clicking the "+" button at the end of the horizontal line.  
Photo Date: **March 2022**





MONUMENT RECORD  
Corner ID: Wash\_W25 / Blm\_W01  
Common Corner

Section 36 – T10N-R01W & Section 1 – T09N-R01W, 2nd P.M.  
Washington Township, Monroe County, Indiana

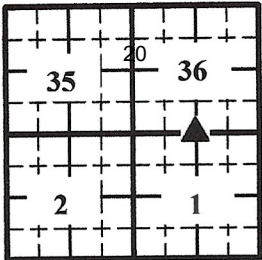


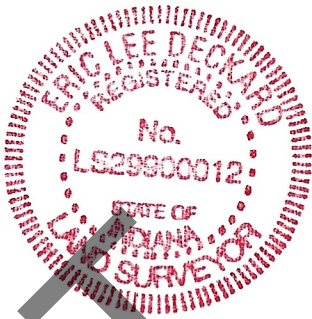
Photo Orientation & Description: *Upclose looking North at W-25*      Photo Orientation & Description: *Looking North at W-25*

FIELD PERSONNEL:

Field Date: 03/01/22    By: J.R. & K.H.    Project #: 21-157    Field Book: \_\_\_\_\_, page: \_\_\_\_\_    Notes: \_\_\_\_\_  
Seal: \_\_\_\_\_

CERTIFICATION:

Professional Surveyor Name: *Eric L. Deckard*  
Indiana Professional Surveyor No.: 29900012  
Firm Name: *Deckard Land Surveying*  
Date: 03/07/2022  
Signature: \_\_\_\_\_



OFFICE USE ONLY

NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:		
Offeror Name:	Firm Name:	
Phone:	Email:	
Corner Classification:	Corner Coordinate Status:	
Issue Date:	Form Due Date:	Form Receipt Date:

COUNTY SURVEYOR APPROVAL:

<input type="checkbox"/> Yes, Signature: _____	Date: _____
<input type="checkbox"/> No, reasons for denial _____	

Seal: \_\_\_\_\_

SURVEYOR REVIEW BOARD APPROVAL:

<input type="checkbox"/> Yes, Signature: _____	Date: _____
<input type="checkbox"/> No, reasons for denial _____	

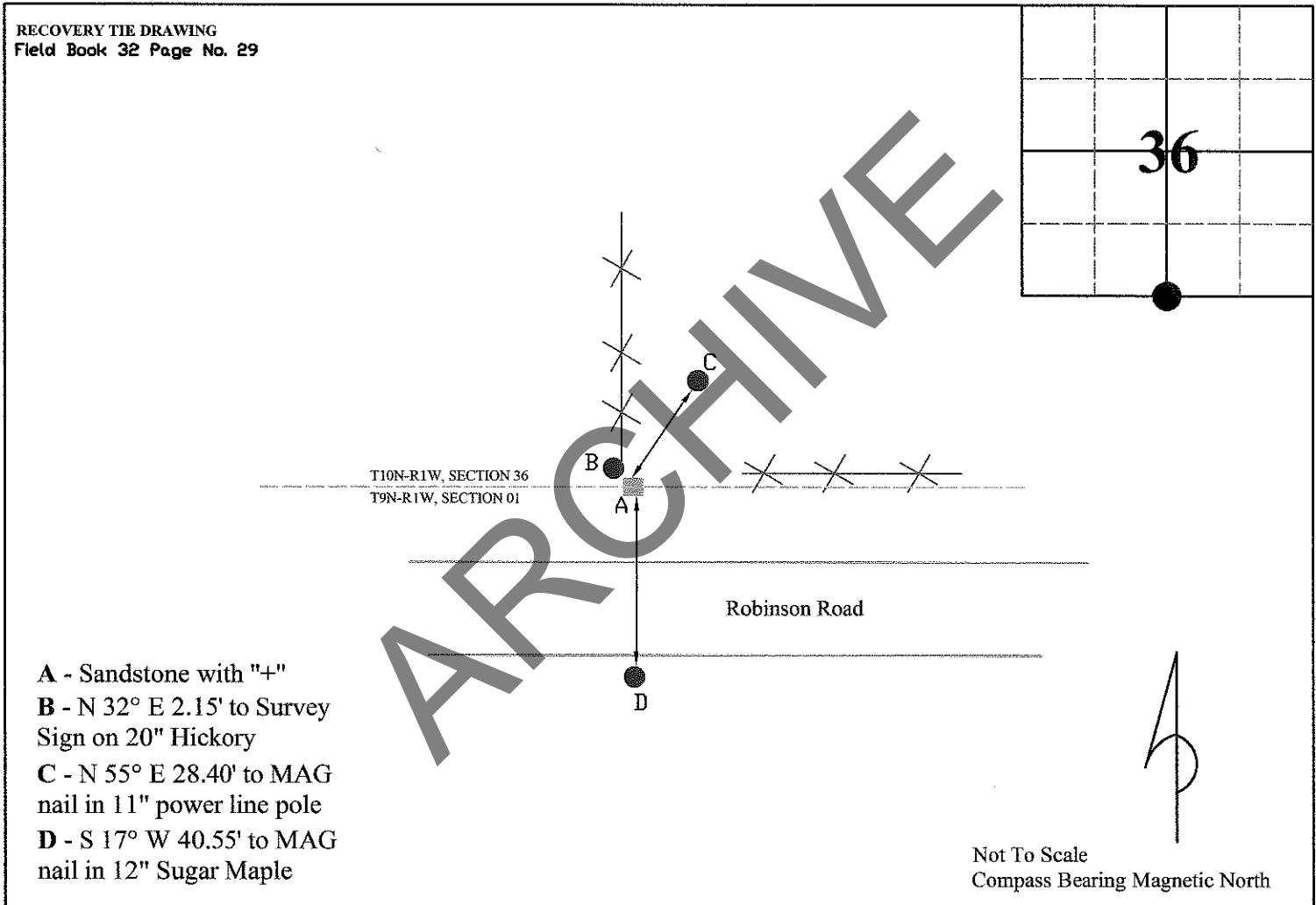
Seal: \_\_\_\_\_

**MONUMENT RECORD**  
State of Indiana - County of Monroe

**Section:** 36**Township:** 10 North**Range:** 1 West**Corner ID:** Wash W-25

**Monument Description & Remarks:** Sandstone with "+", length 0.62ft, width 0.30ft, height flush.  
Survey Sign 4ft above ground at pt. B

**References On File:** Edmund O. Farkas recovery tie drawing, Monument Record Wash W-25 (1978), on file in Surveyor Office



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 14th day of March, 2000.

*Kevin P. Enright*

Administered by the Monroe County Surveyor Review Board

Date: 9-13-2011

MCSR

11/22/2022

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Drawn by: T.E.R. Print date: May 30, 2008

## STATE OF INDIANA - COUNTY OF MONROE

SECTION 36, TOWNSHIP 10 North, RANGE 1 West

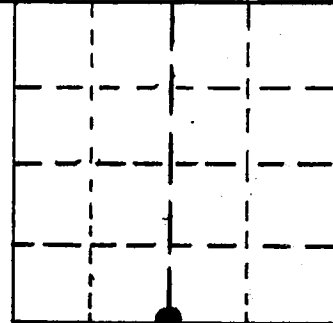
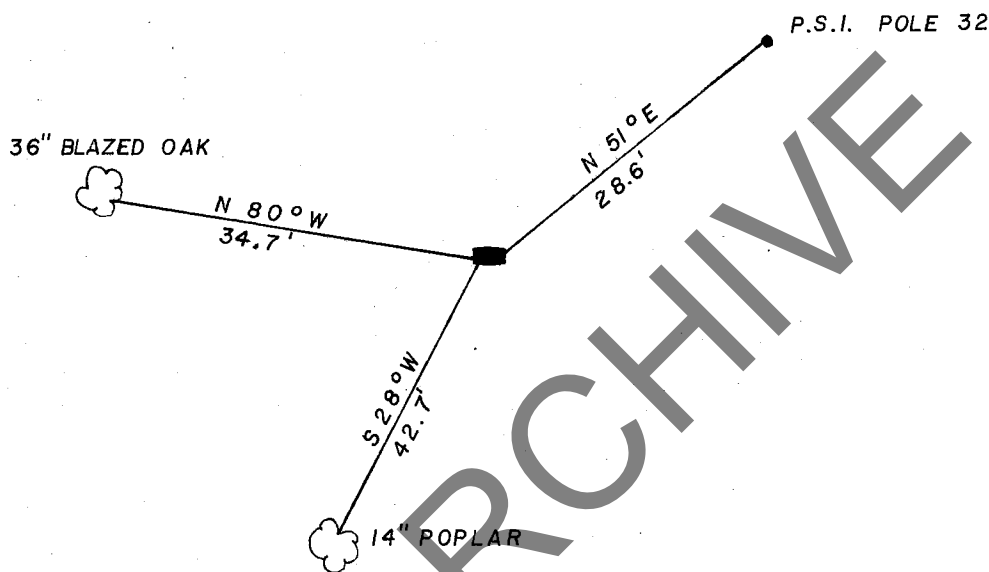
## MONUMENT DESCRIPTION &amp; REMARKS

Sandstone with "x", 6" x 3" in size. Broken off 10"

in ground in base of 24" hickory with fence running west

&amp; North. North of road.

## 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 15 DAY OF February, 1978 A.D.

SPACE  
RESERVED  
FOR  
RECORDING  
OFFICER.

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

OR \_\_\_\_\_

UNITED STATES GOVERNMENT AGENCY

TOWNSHIP:  
Washington

CORNER I.D.