

Blue Earth County SSTS Site Evaluation Form

Permit Number: PR20260077

Property Owner: EAGLE BLUFF PROPERTIES LLC

Design Contractor: J. R. Bruender Construction, Inc

Location Address:

Parcel ID Number: R40.04.36.178.007

Township: Lime

Section: 36

Soils

NRCS Map Unit Symbol: 94B Terril loam/Lesueur Loam

Parent Material: Outwash Lacustrine Alluvial Org Matter Bedrock

Landscape Position: Flat SU ~~SP~~ BS FS TS

Slope %: ~10%

Slope Shape:

Down Slope

Side Slope

C D V

CA V

Vegetation Type: grass

Depth to Limiting Layer: 31" Inches

Viewed By: Jesse + Steve Bruender

Date: 3-10-26

Time Spent: 1.5

Hours

Weather Conditions: Cloudy + Cool

Design Criteria:

New (☒)

Replacement ()

Repair ()

NIPHT ()

IPHT ()

Straight Pipe ()

Shoreland ()

Well Setback Distance Verified (☒)

Number of Bedrooms: 5

House Class: I

Water Using Appliances:

() Clothes Washer

() Dish Washer

() Garbage Disposal

() Sewage Ejector

() Whirlpool Bath

() Water Conditioning

() Furnace Humidifier

Design Flow: 750 gpd

System Type: D II III IV

Drainfield System: Mound w/12" sand

Pump (☒)

Filter ()

Answer **ONLY** if Soil Color goes from BLACK to GRAY:

Topsoil Indicators of Saturation: (Black) (Defined as a Chroma of < 3.5)

- T1. Is there wetland vegetation at the site of the boring(s)/pit?
 T2. Is the site in a wet landscape position?
 T3. Is there a peat, mucky, or organic texture to any part of the topsoil?
 T4. Is any part of the topsoil colored as an N2.5 / O (pure black)?
 T5. Are there redox features in the topsoil (within 12" of surface)?

YES
YES
YES
YES
YES

NO
NO
NO
NO
NO

YES to any = 0" (no system or experimental system)

*7080.1720 Subpart 5.D. (pg. 18)

Subsoil Indicators of Saturation: (Gray)

- S1. Does it have a depleted matrix (value ≥ 4 and chroma ≤ 2)?
 S2. Does it have distinct gray or red redox features?
 S3. Does it have a 5Y hue with chromas ≤ 3 and values ≥ 4 ?

YES
YES
YES

NO
NO
NO

YES to any = 12" ONLY!!

NRCS Hydric Soil Indicator A12. Thick Dark Surface

- < 12" top layer(s) must have values ≤ 3 & chromas ≤ 1
 > 12" top layer(s) must have values ≤ 2.5 & chromas ≤ 1 . Any sandy layers must have at least 70% of the visible particles covered, coated, or masked with organic material.
 > 12" - 18" depleted or gleyed matrix with chroma ≤ 2

Contractor Sign Off: I agree, as a certified individual, with the soils contained in this report and with the determination of the limiting layer for the defined area of the SSTS to be constructed.

Steve Bruender
Certified Individual

269
Cert #

Steve Bruender
Signature

3-10-26
Date

Jesse Anderson

974

3-10-26

Blue Earth County SSTS Site Evaluation Form - SOILS

SB#1 - Boring Pit Diameter:

Permit Number: PR20260077

Depth (in)	Texture	Matrix Color	Mottle Color	Structure			Comments
				Shape	Grade	Consistence	
0-7	CL	10 _{pr} 2/1	Y 1	Gr Pr PI SGr Bk Ma	Weak Mod. Strong Loose	Loose Friable Firm	-
7-32	CL	10 _{pr} 4/4	Y 1	Gr Pr PI SGr Bk Ma	Weak Mod. Strong Loose	Loose Friable Firm	Some shale
32+	CL	10 _{pr} 4/4	10 _{pr} 4/2 Y /	Gr Pr PI SGr Bk Ma	Weak Mod. Strong Loose	Loose Friable Firm	Depletions
		Y /	Y / Y /	Gr Pr PI SGr Bk Ma	Weak Mod. Strong Loose	Loose Friable Firm	
		Y /	Y / Y /	Gr Pr PI SGr Bk Ma	Weak Mod. Strong Loose	Loose Friable Firm	

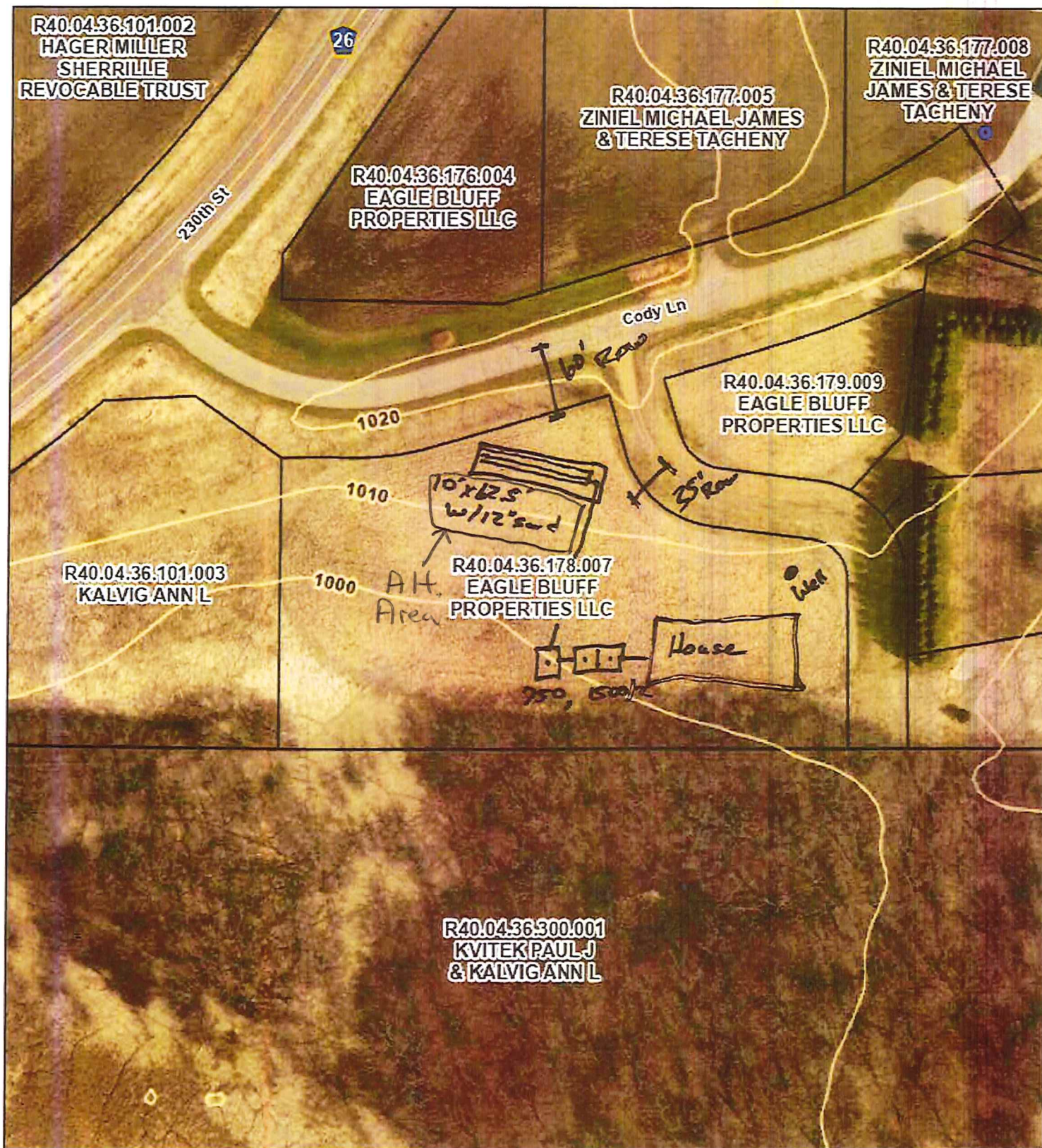
SB#2 - Boring Pit Diameter:

Depth (in)	Texture	Matrix Color	Mottle Color	Structure			Comments
				Shape	Grade	Consistence	
0-4	CL	10 _{pr} 2/1	Y 1	Gr Pr PI SGr Bk Ma	Weak Mod. Strong Loose	Loose Friable Firm	-
4-31	CL	10 _{pr} 4/4	Y 1	Gr Pr PI SGr Bk Ma	Weak Mod. Strong Loose	Loose Friable Firm	Some shale
31+	CL	10 _{pr} 4/4	10 _{pr} 4/2 Y /	Gr Pr PI SGr Bk Ma	Weak Mod. Strong Loose	Loose Friable Firm	Depletions
		Y /	Y / Y /	Gr Pr PI SGr Bk Ma	Weak Mod. Strong Loose	Loose Friable Firm	
		Y /	Y / Y /	Gr Pr PI SGr Bk Ma	Weak Mod. Strong Loose	Loose Friable Firm	

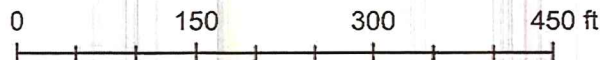
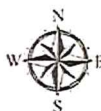
SB#3 - Boring Pit Diameter:

Depth (in)	Texture	Matrix Color	Mottle Color	Structure			Comments
				Shape	Grade	Consistence	
0-9	CL	10 _{pr} 2/1	Y 1	Gr Pr PI SGr Bk Ma	Weak Mod. Strong Loose	Loose Friable Firm	-
9-32	CL	10 _{pr} 4/4	Y 1	Gr Pr PI SGr Bk Ma	Weak Mod. Strong Loose	Loose Friable Firm	Some shale
32+	CL	10 _{pr} 4/4	10 _{pr} 4/2 Y /	Gr Pr PI SGr Bk Ma	Weak Mod. Strong Loose	Loose Friable Firm	Depletions
		Y /	Y / Y /	Gr Pr PI SGr Bk Ma	Weak Mod. Strong Loose	Loose Friable Firm	
		Y /	Y / Y /	Gr Pr PI SGr Bk Ma	Weak Mod. Strong Loose	Loose Friable Firm	

Well & Septic Map

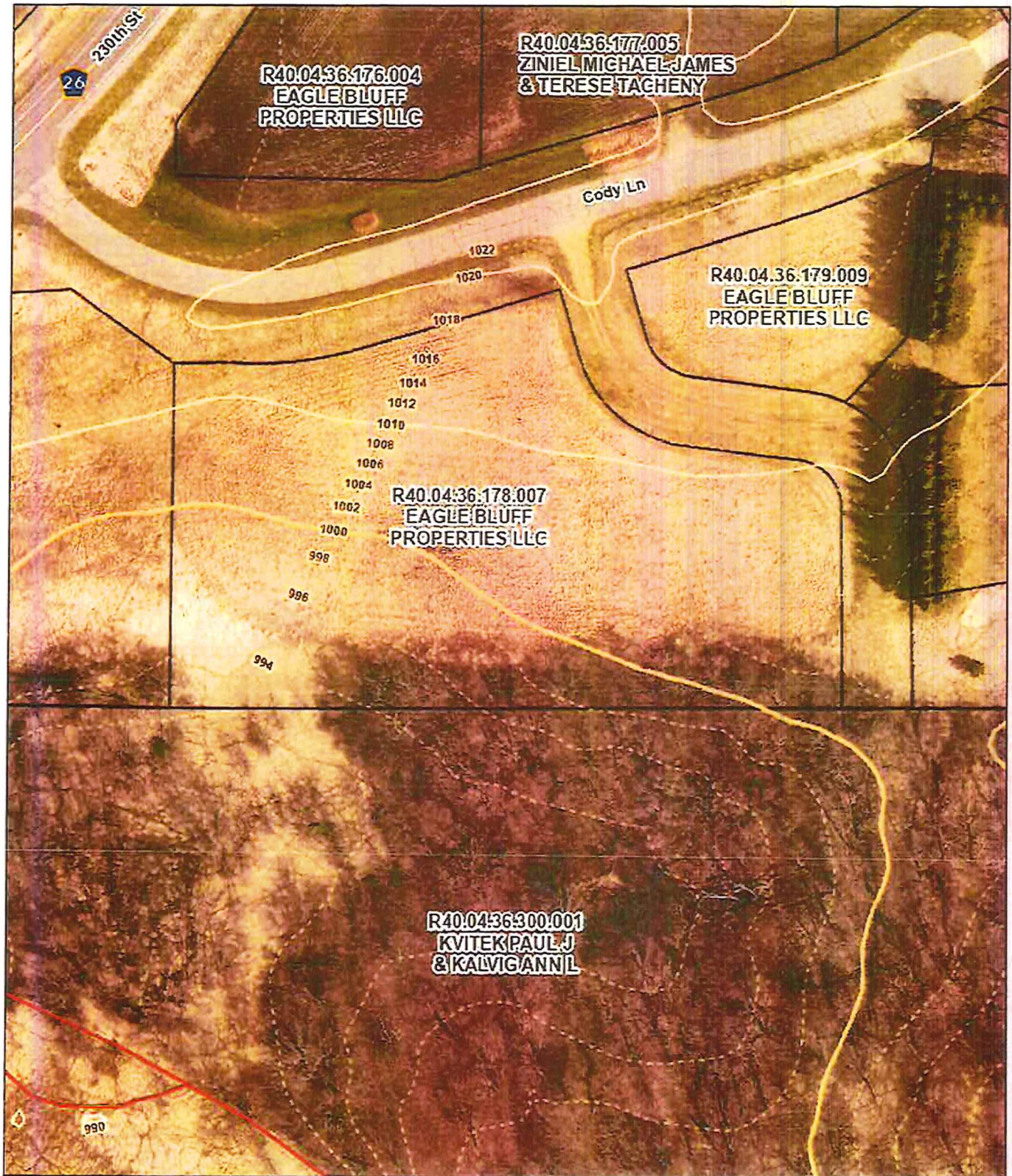


- Wells
- Parcels

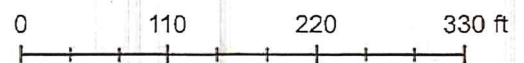
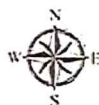


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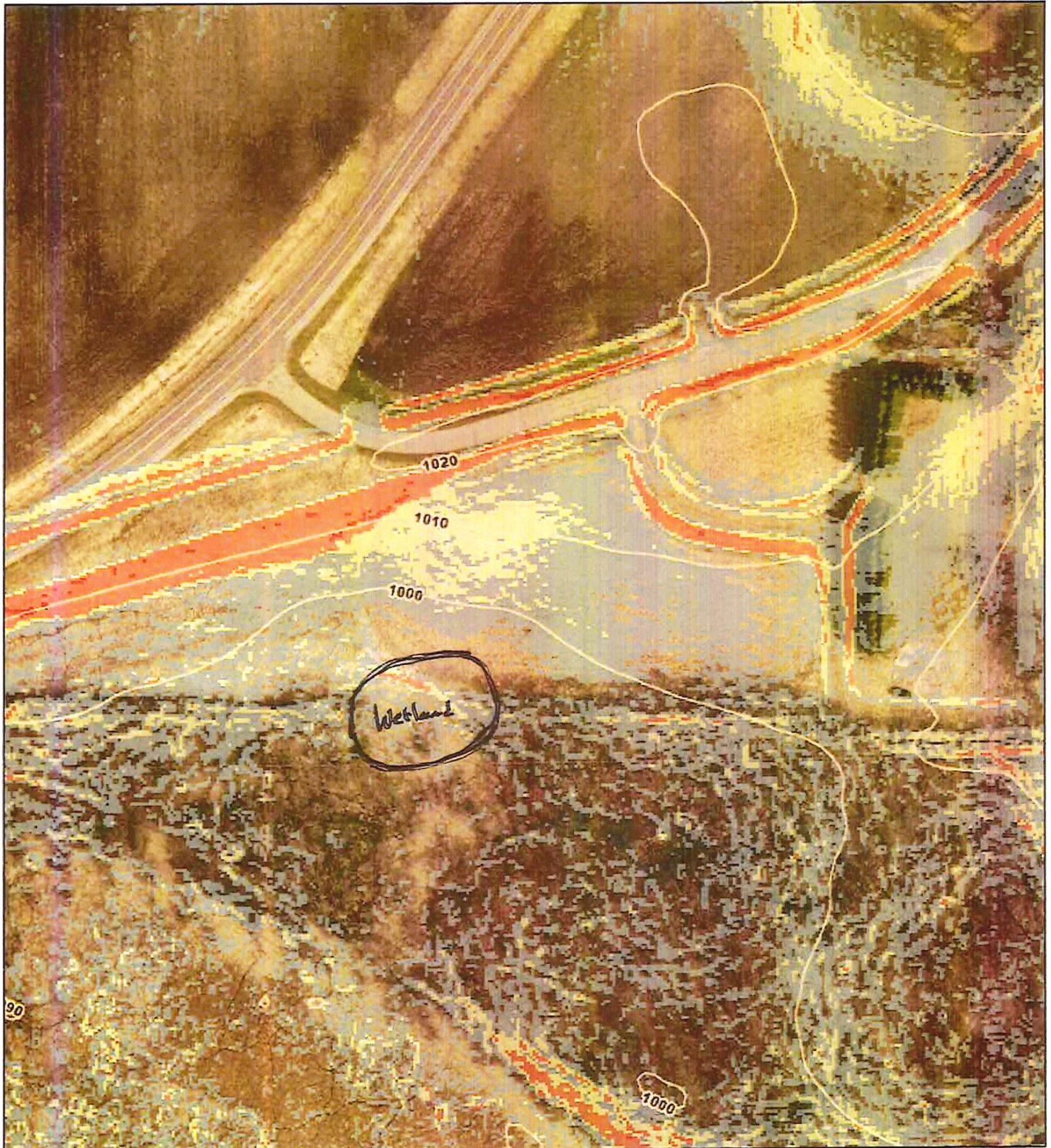
Surface Water Resources Map



-  National Wetlands Inventory
-  Parcels

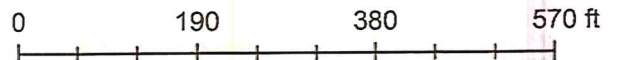
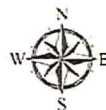


Elevation Map

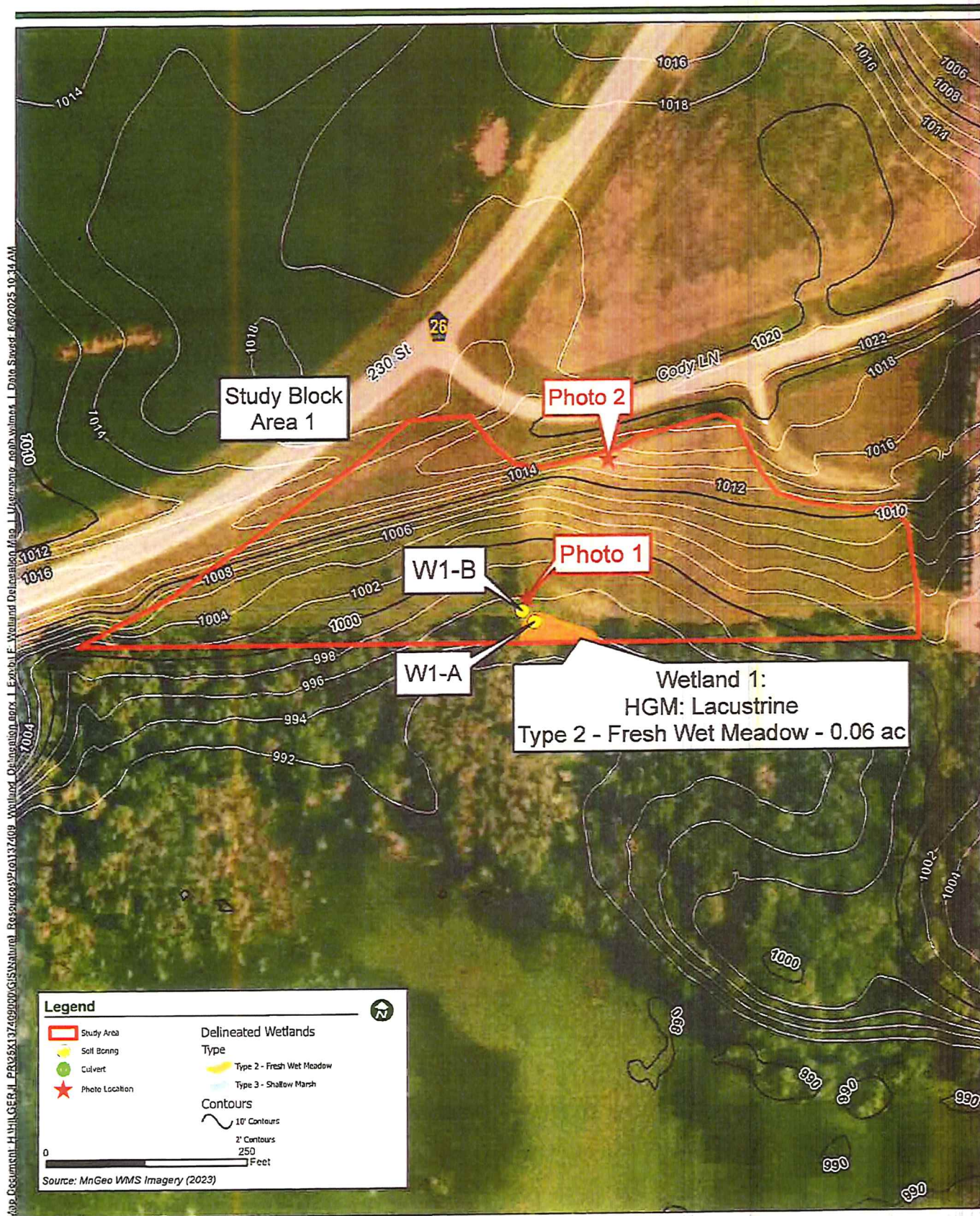


Percent Slope 2012

- 0 to 6 Percent
- 6 to 12 Percent
- 12 to 18 Percent
- 18 to 30 Percent
- 30 Percent or Greater



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Jesse Anderson

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Subject: (EXTERNAL)February Lime Township Planning Commission Item
Attachments: Hilgers Mailing Packet.pdf; Mailing packet- Burgess.pdf

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Good afternoon all,

Attached is the information pertaining to a Preliminary plat request for a reconfiguration of 4 parcels into one lot and for a variance request to decrease the required 1 acre buildable area to .49 acres within the Lime Township.

The items will be reviewed by the Lime Township's Planning Commission on February 24th, 2026 at 6:00pm and the Lime Township Board on March 17th, 2026 at 7:30pm at the Mankato Regional Airport, when a public hearing will be held for the items.

Please let me know if you have any questions or comments on the item.

Best,

Victoria Potts

MVCOG Program Administrator

[City of Mankato](#)

Eagle Bluff

Lime Township, Blue Earth County, MN

Exhibit X-1: Historical Imagery 1938-1950

August 2025

