



SOIL EVALUATION REPORT

In accordance with SPS 385, Wis. Adm. Code

Attach complete site plan on paper not less than 8 1/2 x 11 inches in size. Plan must include, but not limited to: vertical and horizontal reference point (BM), direction and percent slope, scale or dimensions, north arrow, and location and distance to nearest road.

Please print all information.

Personal information you provide may be used for secondary purposes (Privacy Law, s. 15.04(1)(m)).

County DANE	
Parcel I.D. Part of 0807-244-8570-1	
Reviewed by	Date
Property Location Govt. Lot NW 1/4 SE 1/4 S24 T8 N R 7 ☒ E (or) W ☐	
Site Address or CSM and Lot #: Proposed Lot 2	
City Cross Plains	State WI
Zip Code 53528	Phone Number ()
☐ City ☐ Village ☒ Town BERRY	
Nearest Road 7985 CTH "K"	

☒ New Construction	Use: ☒ Residential / Number of bedrooms 4	Code derived design flow rate 600 GPD
☐ Replacement	☐ Public or commercial - Describe: _____	Flood Plan elevation if applicable N/A ft.
Parent material Loess over Glacial Till		
General comments and recommendations: Suitable for Conventional System as shown. Soil Loading Rate = 0.4.		

1	Boring #	☐ Boring ☒ Pit	Ground surface elev. 99.9 ft.	Depth to limiting factor 86 in. / elev. 92.8 ft.
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Horizon	Depth In.	Dominant Color Munsell	Redox Description Qu. Az. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate	
									GPD/Ft ²	
1	0-8	10YR 3/2	none	sil	2msbk	mfr	CS	2m	*Eff#1 0.6	*Eff#2 0.8
2	8-32	10YR 4/4	none	cl	2msbk	mfr	CW	2m	0.4	0.6
3	32-86	10YR 5/4	none	gr. sl	1msbk	mvfr	--	24"1f	0.4	0.7

2	Boring #	☐ Boring ☒ Pit	Ground surface elev. 100.9 ft.	Depth to limiting factor 86 in. / elev. 93.8 ft.
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Horizon	Depth In.	Dominant Color Munsell	Redox Description Qu. Az. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate	
									GPD/Ft ²	
1	0-6	10YR 3/2	none	sil	2msbk	mfr	CS	2m	*Eff#1 0.6	*Eff#2 0.8
2	6-32	10YR 4/4	none	cl	2msbk	mfr	CW	2f	0.4	0.6
3	32-86	10YR 5/4	none	gr. sl	1msbk	mvfr	--	24"1f	0.4	0.7

CST Name (Please Print) Richard C. Herro, Rick Herro Soil Testing LLC	Signature <i>Richard C. Herro</i>	CST Number 71536
Address 603 Dewey Avenue, Jefferson, WI 53549	Date Evaluation Conducted 4-9-2025	Telephone Number 920-650-6788 . Email: rherro54@gmail.com

* Effluent #1 = BOD > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

* Effluent #2 = BOD, ≤ 30 mg/L and TSS ≤ 30 mg/L

SBD-8330 (R04/21)

3

Boring #

☐ Boring
☒ Pit

Ground surface elev. 97.0 ft.

Depth to limiting factor 90 in. / elev. 89.5 ft.

Horizon	Depth In.	Dominant Color Munsell	Redox Description Qu. Az. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate	
									GPD/Ft²	
									*Eff#1	*Eff#2
1	0-8	10YR 3/2	none	sil	2msbk	mfr	cs	3m	0.6	0.8
2	8-36	10YR 4/4	none	cl	2msbk	mfr	cw	2m	0.4	0.6
3	36-90	10YR 5/4	none	gr.sl*	1msbk	mvfr	--	24" 1f	0.4	0.7
			*=horizon 3 has pockets of lfs							

Boring #

☐ Boring
☒ Pit

Ground surface elev. _____ ft.

Depth to limiting factor _____ in. / elev. _____ ft.

Horizon	Depth In.	Dominant Color Munsell	Redox Description Qu. Az. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate	
									GPD/Ft²	
									*Eff#1	*Eff#2

Boring #

☐ Boring
☒ Pit

Ground surface elev. _____ ft.

Depth to limiting factor _____ in. / elev. _____ ft.

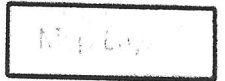
Horizon	Depth In.	Dominant Color Munsell	Redox Description Qu. Az. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate	
									GPD/Ft²	
									*Eff#1	*Eff#2

* Effluent #1 = BOD > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

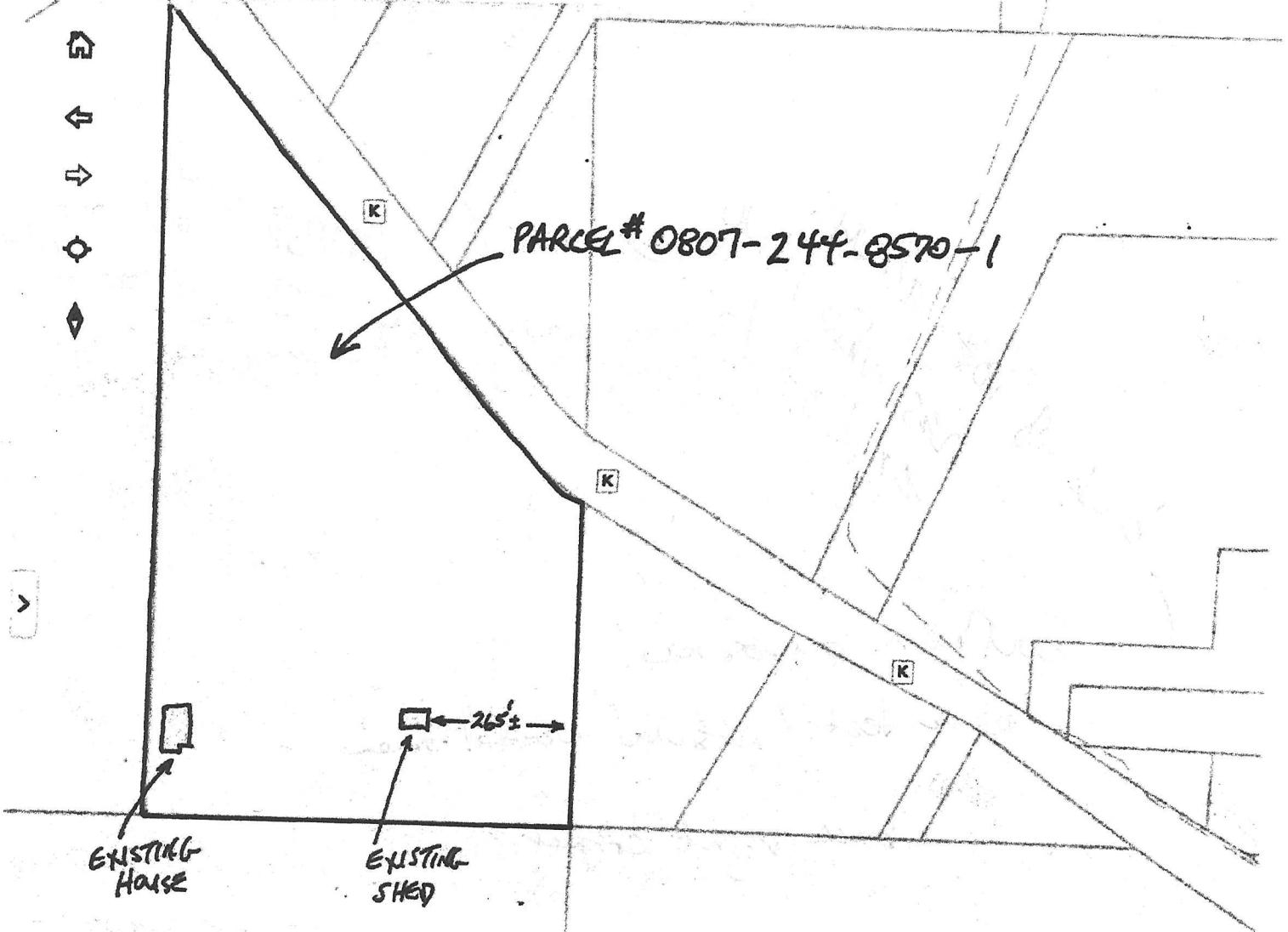
* Effluent #2 = BOD, ≤ 30 mg/L and TSS ≤ 30 mg/L



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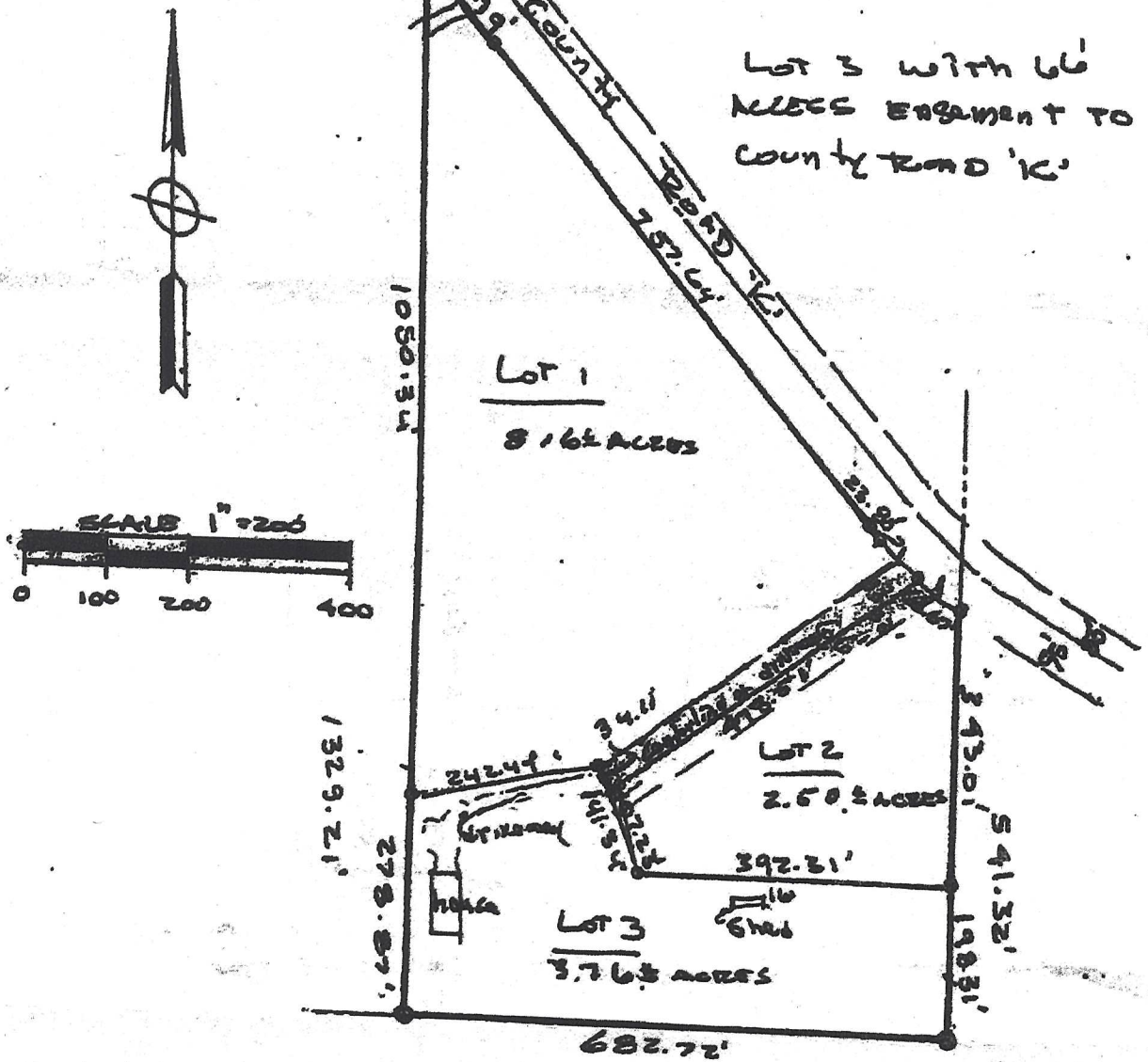


Search result



Enable clicking the map to get the coordinates ☐ v

200 ft





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Search result

NORTH



EXISTING HOUSE

EXISTING SHED

SOIL TEST SITE

PROPOSED LOT 2

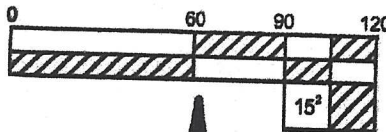
Enable clicking the map to get the coordinates

200 ft

CHECK BOX AS APPLICABLE
☒ **SOIL EVALUATION
SITE MAP**

PROJECT NAME:

Scale: 1" = 60'



CHECK BOX AS APPLICABLE

☐ **SYSTEM
PLOT PLAN**

PAGE 6 OF 6

DESIGN FLOW: 600 GPD

Attach design flow calculations for commercial plans.

Pipe Material / ASTM Standard (Tables 384.30-3 & 384.30-5)

Sanitary Sewer: _____ / _____

Force Main: _____ / _____

IMPORTANT:

Show ground elevation contours at suitable intervals.

PROJECT ADDRESS: COUNTY HIGHWAY "K"

BM Symbol: BM Elevation: 100.0 FT

BM Description: NAIL SET IN TREE AS SHOWN

Slope Gradient (%) of Tested Area: 10% Well Symbol (if applicable):

Indicate north by drawing an arrow on the appropriate line.

PROPOSED SYSTEM:

(3) 6' x 84' CONVENTIONAL SEEPAGE CELLS
1512 SQ. FT.

SYSTEM ELEVATION:

CELL-1 = 97.0'

CELL-2 = 95.0'

CELL-3 = 93.0'

