



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)).

Property Owner W Fields LLC C/O JBJ Companies INC		Property Location Govt. Lot <u>1/4</u> <u>1/4</u> S <u>20</u> T <u>9</u> N R <u>19</u> E (or) W	
Property Owner's Mailing Address W178N9912 Rivercrest Dr #101		Site Address or CSM and Lot #: The Oaks Lot 18	
City, State, Zip Germantown, WI 53022	Phone Number ()	☐ City ☒ Village ☐ Town Richfield	Nearest Road Elmwood Rd

☒ New Construction	Use: ☒ Residential / Number of bedrooms <u>4</u>	Code derived designflow rate <u>600</u> GPD
☐ Replacement	☐ Public or commercial - Describe: _____	Flood Plan elevation if applicable _____ ft.
Parent material <u>Loess over glacial till</u>		
General comments and recommendations: <u>Site is suitable for an At-Grade system. Additional borings completed to extend suitable area after changes to proposed plat. New Lot 18, formerly Lot 28</u>		

1010 Boring #	☐ Boring ☒ Pit	Ground surface elev. <u>1131.15</u> ft.	Depth to limiting factor <u>50</u> in. / elev. _____ 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	0-9	10yr 3/3	-	sil	2fsbk	mfr	cs	2f	*Eff#1 0.6	*Eff#2 0.8
2	9-16	10yr 4/4	-	cl	2fsbk	mfr	cs	1f	0.4	0.6
3	16-36	10yr 4/4	-	grscl	1fsbk	mfr	cs	1vf	0.2	0.3
4	36-50	10yr 6/4	-	grs	0sg	ml	cs	-	0.7	1.6
5	50-70	10yr 6/4	f1f 10yr 6/8	grsl	0m	-	-	-	0.2	0.6

1011 Boring #	☐ Boring ☒ Pit	Ground surface elev. <u>1126.84</u> ft.	Depth to limiting factor <u>45</u> in. / elev. _____ 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	0-10	10yr 3/3	-	sil	2fsbk	mfr	cs	2f	*Eff#1 0.6	*Eff#2 0.8
2	10-21	10yr 4/4	-	cl	2fsbk	mfr	cs	1f	0.4	0.6
3	21-33	10yr 4/4	-	grscl	1fsbk	mfr	cs	1vf	0.2	0.3
4	33-45	10yr 6/4	-	grsl	1fsbk	mvfr	-	-	0.4	0.7
5	45-60	10yr 6/4	f1f 10yr 6/8	grsl	0m	-	-	-	0.2	0.6

CST Name (Please Print) Tanner Schmidt (Lietzau Inc)	Signature <i>Tanner Schmidt</i>	CST Number 1485893
Address PO Box 121 Colgate, WI 53017	Date Evaluation Conducted 11/11/2024	Telephone Number (262) 355-5131

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

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

1012 Boring #

☐ Boring
☒ Pit

Ground surface elev. 1122.58 ft.

Depth to limiting factor 36 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/Ft ²	
									*Eff#1	*Eff#2
1	0-8	10yr 3/3	-	sil	2fsbk	mfr	cs	2f	0.6	0.8
2	8-16	10yr 4/4	-	cl	2fsbk	mfr	cs	1f	0.4	0.6
3	16-25	10yr 4/4	-	grsci	1fsbk	mfr	cs	1vf	0.2	0.3
4	25-36	10yr 6/4	-	grsl	1fsbk	mvfr	gs	1vf	0.4	0.7
5	36-55	10yr 6/4	f1f 10yr 6/8	grsl	1fsbk	mvfr	gs	-	0.4	0.7
6	55-96	10yr 6/4	f1f 10yr 6/8	grsl	0m	-	-	-	0.2	0.6

 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/Ft ²	
									*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/Ft ²	
									*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

SOIL EVALUATION REPORT

in accordance with Comm 85, 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. 19.44 (1) (m)).

County:
WASHINGTON

Parcel I.D.:

Reviewed by:

Js

Date:

12/14/22

Property Owner: JBJ DEVELOPMENT				Property Location: Govt. Lot $\frac{1}{4}$ $\frac{1}{4}$ S 20 T 9 N - R 19 E (or) W			
Property Owner's Mailing Address: W178 N9912 RIVERCREST DRIVE				Lot # 28 18			
City: GERMANTOWN				State: WI			
Zip Code: 54204				Phone Number: () -			
City: GERMANTOWN				Village: RICHFIELD			
State: WI				Town: THE OAKS			
Zip Code: 54204				Subd. Name or CSM # EDGEWOOD COURT BAMBI ROAD			
Phone Number: () -				Nearest Road: EDGEWOOD COURT BAMBI ROAD			
☒ New Construction		Use ☒ Residential / Number of bedrooms: 4		Code derived design flow rate: 600 GPD			
☐ Replacement		☐ Public or commercial - Describe:					
Parent material: GLACIAL TILL				Flood Plain elevation if applicable: N/A ft.			
General comments and recommendations: Suitable for an at-grade system							

1 Boring # ☐ Boring ☒ Pit Ground surface elev. 1136.4 ft. Depth to limiting factor 36 in. Soil Application Rate

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	GPD/ft ²	
									Eff#1	Eff#2
Ap	0-9	10 YR 3/2		SiL	2 f-m gr	mvfr	as	3f-1m	.6	.8
Bt1	9-13	10 YR 5/4		SiCL	2 m abk	mfi	cs	2f	.4	.6
2Bt2	13-24	10 YR 3/4-4		gr CL	2 f-m abk	mfi	gw	1vf	.4	.6
2BC	24-36	10 YR 5/4		gr SL	1 f abk	mfr	cw	--	.4	.6
2C	36-74	10 YR 6/2-3	c2d 10 YR 5/8	gr SL/L	0m	mfr	--	--	.2	.5

2 Boring # ☐ Boring ☒ Pit Ground surface elev. 1136.2 ft. Depth to limiting factor 41 in. Soil Application Rate

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	GPD/ft ²	
									Eff#1	Eff#2
Ap	0-9	10 YR 3/2		SiL	2 f-m gr	mvfr	as	3f-1m	.6	.8
Bt1	9-15	10 YR 5/4		SiCL	2 m abk	mfi	cs	2f	.4	.6
Bt2	15-20	10 YR 4/4		CL	2 f-m abk	mfi	gw	1vf	.4	.6
2 Bt3	20-41	10 YR 4/4		gr CL	2 f abk	mfi	cw	--	.4	.6
2C	41-60	10 YR 6/4	c2d 10 YR 5/8	gr SL/L	0m	mfr	--	--	.2	.5

* Effluent # 1 = BOD₅ > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

* Effluent # 2 = BOD₅ ≤ 30 mg/L and TSS ≤ 30 mg/L

CST Name (Please Print): David B. LaBott(Baudhuin Inc.)		Signature: 		CST Number: 71449	
Address: 55 South Third Ave. Sturgeon Bay, WI 54235		Date Evaluation Conducted: 11-24-03 & 4-28-04		Telephone Number: (920) 743 - 8211	

3

Boring #

☐ Boring☒ Pit

Ground surface elev. 1132.1 ft.

Depth to limiting factor 36 in.

Soil Application Rate

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	GPD/ft ²	
									Eff#1	Eff#2
Ap	0-9	10 YR 3/2		SiL	2 f-m gr	mvfr	as	3f-1m	.6	.8
2Bt	9-24	10 YR 3/4-4		gr CL	2 f-m abk	mfi	gw	lvf	.4	.6
2BC	24-36	10 YR 5/4		gr SL	1 f abk	mfr	cw	--	.4	.6
2C	36-60	10 YR 6/2-3	c2d 10 YR 5/8	gr SL/L	0m	mfr	--	--	.2	.5

4

Boring #

☐ Boring☒ Pit

Ground surface elev. 1134.1 ft.

Depth to limiting factor 36 in.

Soil Application Rate

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	GPD/ft ²	
									Eff#1	Eff#2
Ap	0-9	10 YR 3/2		SiL	2 f-m gr	mvfr	as	3f-1m	.6	.8
Bt1	9-13	10 YR 5/4		SiCL	2 m abk	mfi	cs	2f	.4	.6
2Bt2	13-24	10 YR 3/4-4		gr CL	2 f-m abk	mfi	gw	lvf	.4	.6
2BC	24-36	10 YR 5/4		gr SL	1 f abk	mfr	cw	--	.4	.6
2C	36-74	10 YR 6/2-3	c2d 10 YR 5/8	gr SL/L	0m	mfr	--	--	.2	.5

29

5

Boring #

☐ Boring☒ Pit

Ground surface elev. 1124.9 ft.

Depth to limiting factor 36 in.

Soil Application Rate

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	GPD/ft ²	
									Eff#1	Eff#2
Ap	0-7	10 YR 3/2		SiL	2 f-m gr	mvfr	as	3f-1m	.6	.8
Bt1	7-19	10 YR 5/4		SiCL	2 m abk	mfi	cs	2f	.4	.6
2Bt2	19-36	10 YR 3/4-4		gr CL	2 f-m abk	mfi	gw	lvf	.4	.6
2C	36-74	10 YR 6/2-3	c2d 10 YR 5/8	gr SL/L	0m	mfr	--	--	.2	.5

* Effluent # 1 = BOD₅ > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L* Effluent # 2 = BOD₅ ≤ 30 mg/L and TSS ≤ 30 mg/L

The Department of Commerce is an equal opportunity service provider and employer. If you need assistance to access services or need material in an alternate format, please contact the department at 608-266-3151 or TTY 608-264-8777.

Property Owner:

Parcel ID #: 18

Page 3 of 4

29-6 Boring #

☐ Boring

☒ Pit Ground surface elev. 1130.5 ft. Depth to limiting factor 43 in. Soil Application Rate

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	GPD/ft ²	
									Eff#1	Eff#2
Ap	0-10	10 YR 3/2		SiL	2 f-m gr	mvfr	as	3f-1m	.6	.8
BE	10-14	10 YR 5/3		SiL	2 f-m gr	mvfr	as	3f-1m	.6	.8
Bt1	14-24	10 YR 5/4		CL	2 m abk	mfi	cs	2f	.4	.6
2Bt2	24-32	10 YR 3/4-4		gr CL	2 f-m abk	mfi	gw	1vf	.4	.6
2BC	32-43	10 YR 5/4		gr SL	1 f abk	mfr	cw	--	.4	.6 .7
2C	43-60	10 YR 6/2-3	c2d 10 YR 5/8	gr SL/L	0m	mfr	--	--	.2	.5

7 Boring #

☐ Boring

☐ Pit Ground surface elev. ft. Depth to limiting factor in. Soil Application Rate

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	GPD/ft ²	
									Eff#1	Eff#2

8 Boring #

☐ Boring

☐ Pit Ground surface elev. ft. Depth to limiting factor in. Soil Application Rate

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	GPD/ft ²	
									Eff#1	Eff#2

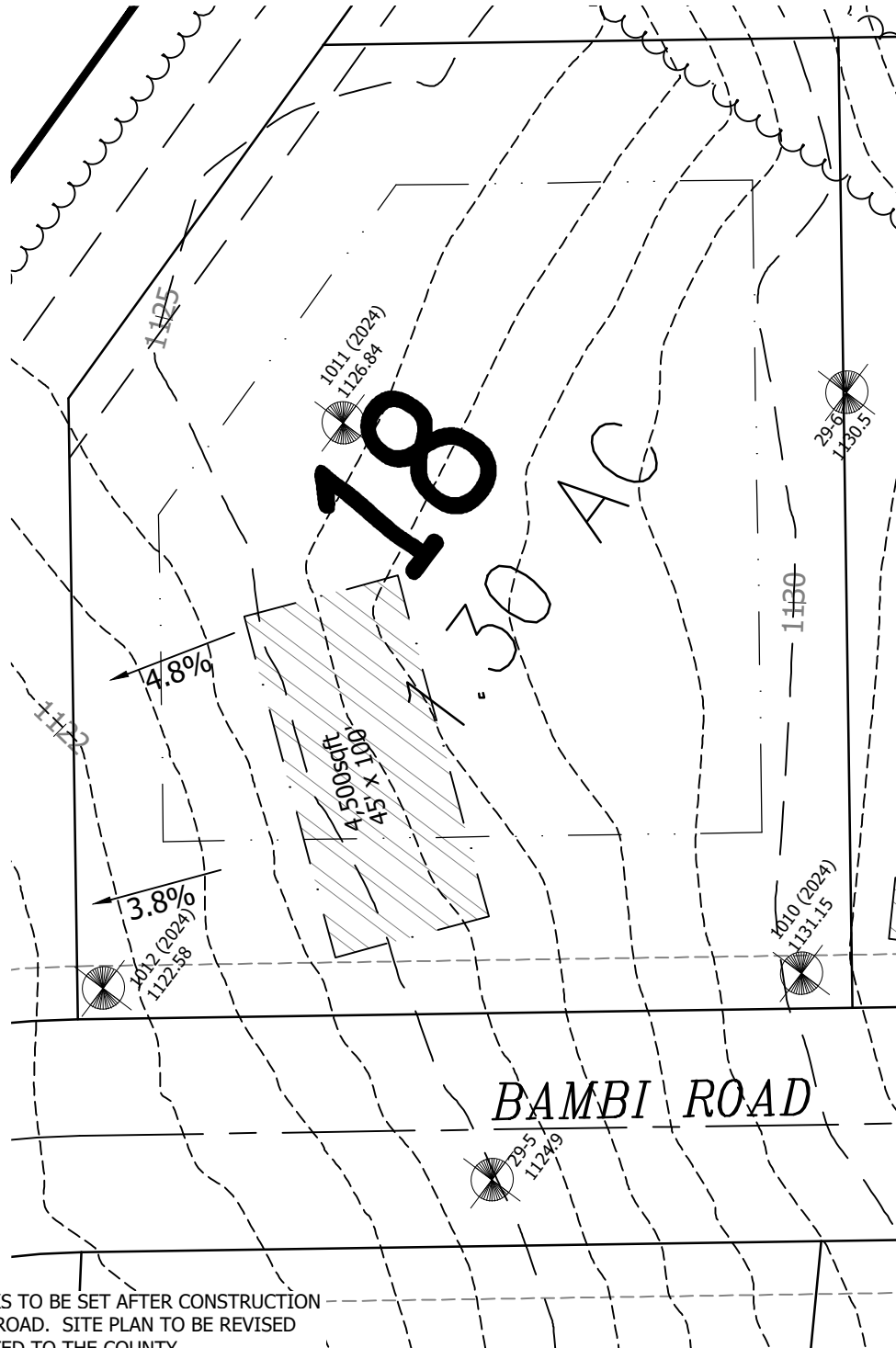
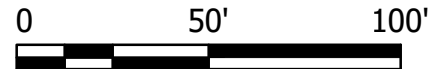
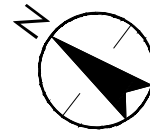
* Effluent # 1 = BOD₅>30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

* Effluent # 2 = BOD₅≤ 30 mg/L and TSS ≤ 30 mg/L

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SECTION 20, TOWNSHIP 9 NORTH, RANGE 19 EAST
VILLAGE OF RICHFIELD, WASHINGTON COUNTY, WISCONSIN

PREPARED FOR:
JBJ COMPANIES, INC.
W178 N9912 RIVERCREST DRIVE, SUITE 101
GERMANTOWN, WI 53022-4645



*** BENCHMARKS TO BE SET AFTER CONSTRUCTION
OF THE PUBLIC ROAD. SITE PLAN TO BE REVISED
AND RESUBMITTED TO THE COUNTY



Stantec

312 N. 5th Avenue
Sturgeon Bay, WI 54235
www.stantec.com

SITE PLAN

The Oak's At Schmitt Farms
Septic Soil Investigation

LOT 18

DATE: 5/20/2004 | Revision per 1/21/2025 Pre-Plot
PROJ. NO.: 193806833
SHEET: