

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. 15.04 (1) (m)).

County: WASHINGTON	
Parcel I.D.:	
Reviewed by: JS	Date: 12/14/22

Property Owner: JBJ DEVELOPMENT				Property Location: Govt. Lot 1/4 1/4 S 20 T 9 N - R 19 E (or) W			
Property Owner's Mailing Address: W178 N9912 RIVERCREST DRIVE				Lot # 31 20	Block #	Subd. Name or CSM # THE OAKS	
City: GERMANTOWN	State: WI	Zip Code: 54204	Phone Number: () -	☐ City: ☐ Village: ☐ Town: RICHFIELD		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							

Revisions per 1/21/24 pre plat

31-1

Boring #		☐ Boring	Ground surface elev. 1119.5 ft.		Depth to limiting factor 46 in.		Soil Application Rate			
☐ Pit										
Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	GPD/ft ²	
Ap	0-6	10 YR 3/2		SiL	2 f-m gr	mvfr	as	3f-1m	.6	.8
2Bt	6-21	10 YR 4/4		gr CL	2 m abk	mfi	cs	2f	.4	.6
2BC	21-46	10 YR 5-6/4		vgr LcoS	0 sg	ml	gw	--	.7	1.6
2C	46-60	10 YR 6/2	flf 10 YR 5/8	vgr SL	1 f abk	mfr	--	--	.4	.6 .7

31-2

Boring #		☐ Boring	Ground surface elev. 1121.2 ft.		Depth to limiting factor 47 in.		Soil Application Rate			
☐ Pit										
Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	GPD/ft ²	
Ap	0-9	10 YR 4/2		SiCL	2 f-m gr	mvfr	as	3f-1m	.4	.6
2Bt	9-30	10 YR 3/4		gr CL	2 m abk	mfi	cs	2f	.4	.6
2BC	30-36	10 YR 5/4		gr SL	2 f-m abk	mfi	gw	1vf	.6	1.0
2C1	36-47	10 YR 6/4		gr SL	1 f abk	mfi	cw	--	.4	.6 .7
2C2	47-72	10 YR 6/3	c2d 10 YR 5/8	gr SL	0m	mfr	--	--	.2	.6 .6

* 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

31-3 Boring #

☐ Boring☐ Pit

Ground surface elev. 1120.2 ft.

Depth to limiting factor 47 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
Bt1	10-17	10 YR 5/4		SiCL	2 m abk	mfi	cs	2f	.4	.6
2Bt2	17-34	10 YR 3/4-4		gr CL	2 f-m abk	mfi	gw	1vf	.4	.6
2BC	34-47	10 YR 6/2-3		gr SL	1 f abk	mfr	--	--	.4	.6
2C	47-60	10 YR 6/2-3	c2d 10 YR 5/8	gr SL/L	0m	mfr	--	--	.2	.5

31-4 Boring #

☐ Boring☐ Pit

Ground surface elev. 1116.3 ft.

Depth to limiting factor 52 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	9-18	10 YR 5/4		SiCL	2 m abk	mfi	cs	2f	.4	.6
Bt2	18-32	10 YR 4/4		CL	2 f-m abk	mfi	cs	1vf	.4	.6
2Bt3	32-42	10 YR 3/4-4		gr CL	2 f-m abk	mfi	cw	1vf	.4	.6
2BC	42-52	10 YR 6-5/4		vgr LcoS	0 sg	ml	gw	--	.7	1.6
2C	52-65	10 YR 6/2-3	c2d 10 YR 5/8	gr SL/L	0m	mfr	--	--	.2	.5

31-5 Boring #

☐ Boring☐ Pit

Ground surface elev. 1112.4 ft.

Depth to limiting factor 42 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	9-18	10 YR 5/4		SiCL	2 m abk	mfi	cs	2f	.4	.6
2Bt2	18-32	10 YR 3/4-4		CL	2 f-m abk	mfi	gw	1vf	.4	.6
2BC	32-42	10 YR 6/2-3		gr SL	1 f abk	mfr	--	--	.4	.6
2C	42-69	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.

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Reviewed by: JS	Date: 12/14/22

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Property Owner's Mailing Address: W178 N9912 RIVERCREST DRIVE			Lot # 30 Block # Subd. Name or CSM # THE OAKS		
City: GERMANTOWN	State: WI	Zip Code: 54204	Phone Number: () -	City: Village: Town: ☒ RICHFIELD	Nearest Road: EDGEWOOD TRAIL
☒ 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					

30 - 1 Boring # ☐ Boring ☒ Pit Ground surface elev. 1123.6 ft. Depth to limiting factor 37 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
Bt1	10-17	10 YR 4/4		CL	2 m abk	mfi	cs	2f	.4	.6
2Bt2	17-24	10 YR 3/4-4		gr CL	2 f-m abk	mfi	gw	1vf	.4	.6
2BC	24-37	10 YR 5/4		gr SL	1 f abk	mfr	cw	--	.4	.6 .7
2C	37-60	10 YR 6/2-3	c2d 10 YR 5/8	gr SL/L	0m	mfr	--	--	.2	.5

30 - 2 Boring # ☐ Boring ☒ Pit Ground surface elev. 1121.2 ft. Depth to limiting factor 47 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 4/2		SiCL	2 f-m gr	mvfr	as	3f-1m	.4	.6
2Bt	9-30	10 YR 3/4		gr CL	2 m abk	mfi	cs	2f	.4	.6
2BC	30-36	10 YR 5/4		gr SL	2 f-m abk	mfi	gw	1vf	.6	1.0
2C1	36-47	10 YR 6/4		gr SL	1 f abk	mfi	cw	--	.4	.6 .7
2C2	47-72	10 YR 6/3	c2d 10 YR 5/8	gr SL	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		Telephone Number: (920) 743 - 8211
Date Evaluation Conducted: 11-24-03 & 4-28-04		

30-3 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	1vf	.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

30-4 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	1vf	.4	.6
2C	36-74	10 YR 6/2-3	c2d 10 YR 5/8	gr SL/L	0m	mfr	--	--	.2	.5

30-5 Boring #

☐ Boring☒ Pit Ground surface elev. 1127.0 ft.

Depth to limiting factor 39 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	9-25	10 YR 5/4		SiCL	2 m abk	mfi	cs	2f	.4	.6
2Bt2	25-39	10 YR 3/4-4		gr CL	2 f-m abk	mfi	gw	1vf	.4	.6
2C	39-69	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

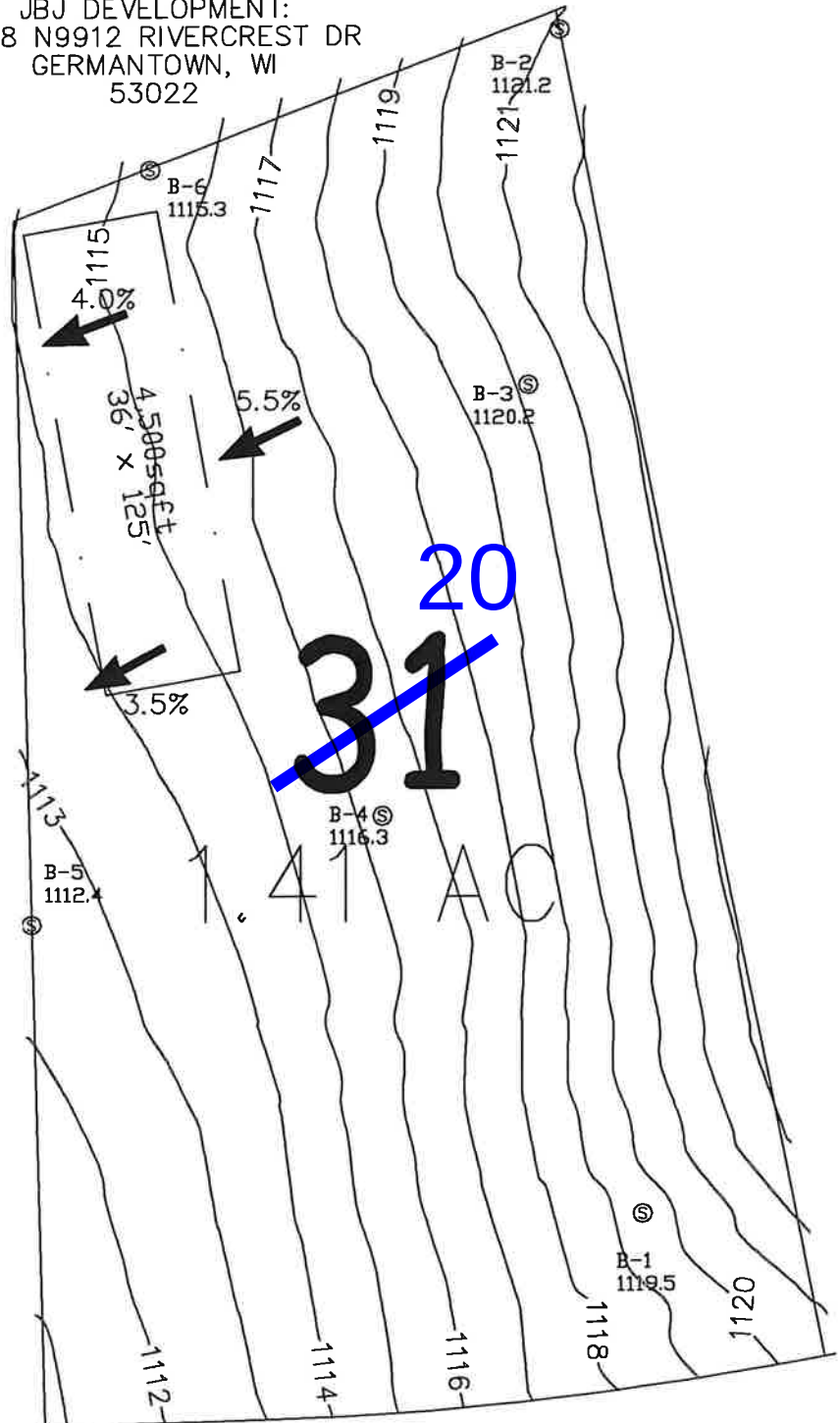
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SITE PLAN
THE OAKS
SECTION 20 T.9 N., R.9 E.
TOWN OF RICHFIELD, WASHINGTON COUNTY

PREPARED FOR:
JBJ DEVELOPMENT:
W178 N9912 RIVERCREST DR
GERMANTOWN, WI
53022

*** BENCHMARKS TO BE SET
AFTER CONSTRUCTION OF
OAKLEAF HIGHRIDGE COURT.
SITE PLAN TO BE REVISED AND
RESUBMITTED TO THE COUNTY



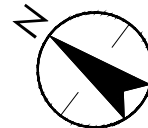
**See new 2024 lot layout

~~EDGWOOD COURT~~

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

PREPARED FOR:
JBJ COMPANIES, INC.

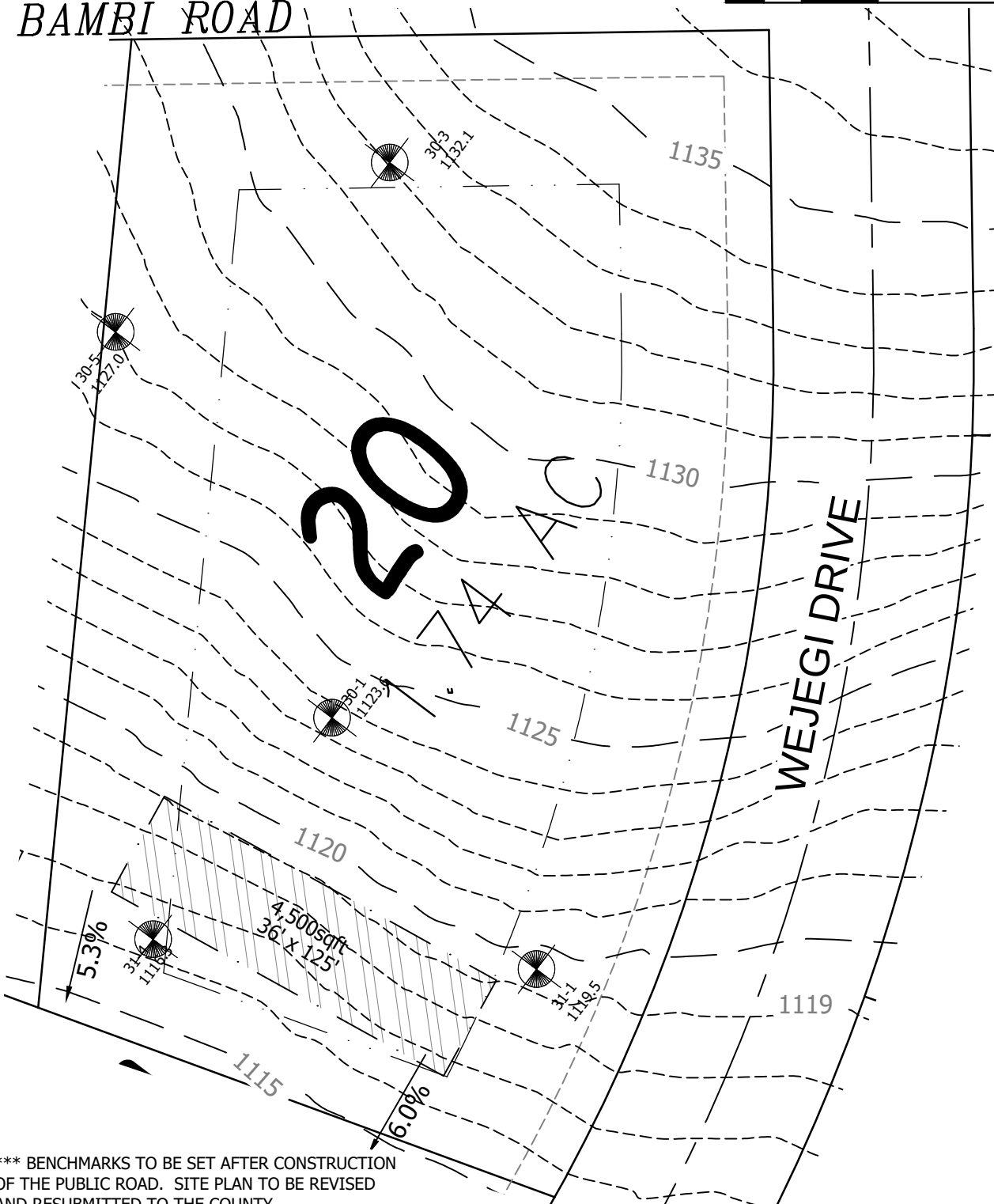
W178 N9912 RIVERCREST DRIVE, SUITE 101
GERMANTOWN, WI 53022-4645



BAMBI ROAD

WEJEGI DRIVE

20



*** 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 20

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

Plot Date: 02/04/2025 9:54am
Drawing name: C:\Users\jbrake\OneDrive\Work\193806833\10\Preplot\193806833.XR_BXT_Oak_Lot Septics.dwg
User: jbrake
Xref: 193806833.XR_TB_34422_EXHIBITS_193806833\10\Preplot\193806833.XR_BXT_Oak_Lot Septics.TB_193806833.XR_VI LINEWORK