



County of Door Sanitarian's Department

County Government Center
421 Nebraska Street
Sturgeon Bay, WI 54235

John Teichtler
County Sanitarian
(920) 746-2308
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November 7, 2011

Haffenbredl, LLC
4878 Bay Shore Heights
Sturgeon Bay, WI 54235

RE: Soil Evaluation Report
SE ¼, NW ¼, Section 33 Town 28 North, Range 26 East
Town of Sevastopol
3899 Old Hwy Road
Tax Parcel # 022-02-3328264B2

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On September 20, 2011 I conducted an on-site inspection to verify the findings of a soil investigation done by Tim Vander Leest, for a septic system located on the above noted property.

Based on the on-site inspection and information available on the soil evaluation report, I concur with the findings of Tim Vander Leest. The site is suitable for a shallow in-ground soil absorption system.

The use of a concrete distribution box or drop boxes is recommended for equal flows and maintenance of the trenches.

Please contact me or our office if you have any questions

David LaBott
Assistant Sanitarian
(920) 746-2308, M-F 8 AM – 4:30 PM

PC: Tim Vander Leest



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: Door	
Parcel I.D.: 022-02-33282624B2	
Reviewed by: Dave LaBott	Date: 9/20/2011

Property Owner: Haffenbredl, LLC				Property Location: Govt. Lot SE 1/4 NW 1/4 S 33 T28 N - R 26 E (or) W ☒ ☐			
Property Owner's Mailing Address: 4878 Bay Shore Heights				Lot #	Block #	Subd. Name or CSM #	
City: Sturgeon Bay	State: WI	Zip Code: 54235	Phone Number: () -	☐ City: ☐ Village: ☒ Town: Sevastopol		Nearest Road: 3899 Old Hwy Road	
☐ New Construction		Use ☐ Residential / Number of bedrooms:		Code derived design flow rate: ~300 GPD			
☒ Replacement		☒ Public or commercial - Describe: Day Spa					
Parent material: Glacial Till				Flood Plain elevation if applicable: NA ft.			
General comments and recommendations: In-ground System Suitable							

1 Boring # ☐ Boring ☒ Pit Ground surface elev. 99.81 ft. Depth to limiting factor >60 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	0-8	10YR3/2	#	SL	2 m gr	mfr	as	1vf-f	0.6	1.0
Bt	8-22	10YR3/4	#	fSL	2 m sbk	mfr	cw	1vf	0.4	0.8
BC	22-40	10YR4/4	#	fSL	2 m sbk	mfr	cw	1vf	0.4	0.8
CB	40-60	10YR4/4	#	LfS	1 f sbk	mfr	#	1vf	0.5	1.0

2 Boring # ☐ Boring ☒ Pit Ground surface elev. 98.63 ft. Depth to limiting factor >62 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	0-8	10YR3/2	#	SL	2 m gr	mfr	as	1vf-f	0.6	1.0
Bs	8-12	10YR4/4	#	SL	2 m sbk	mfr	cw	1vf	0.6	1.0
E	12-18	10YR5/4	#	SL	2 m sbk	mfr	cw	1vf	0.6	1.0
Bs	18-24	10YR4/4	#	SL	2 m sbk	mfr	cw	1vf	0.6	1.0
BC	24-44	10YR7/4,4/4	#	LS-S	sg	loose	#	1vf	0.7	1.6
CB	44-62	10YR4/4	#	LfS	1 f sbk	mfr	#	1vf	0.5	1.0

* 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): Tim Vander Leest	Signature: 	CST Number: 71627
Address: 824 Egg Harbor Road - Sturgeon Bay, WI 54235	Date Evaluation Conducted: 9/20/2011	Telephone Number: (920) 743 - 4708

Property Owner:

Parcel ID #:

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Boring #

☐ Boring☒ Pit

Ground surface elev. 96.42 ft.

Depth to limiting factor >54 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	0-8	10YR3/2	#	SL	2 m gr	mfr	as	1vf-f	0.6	1.0
E	8-15	10YR5/4	#	SL	2 m sbk	mfr	cw	1vf	0.6	1.0
Bs	15-30	10YR4/4	#	SL	2 m sbk	mfr	cw	1vf	0.6	1.0
BC	30-54	10YR7/4,4/4	#	LS-S	sg	loose	#	1vf	0.7	1.6

4

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

5

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

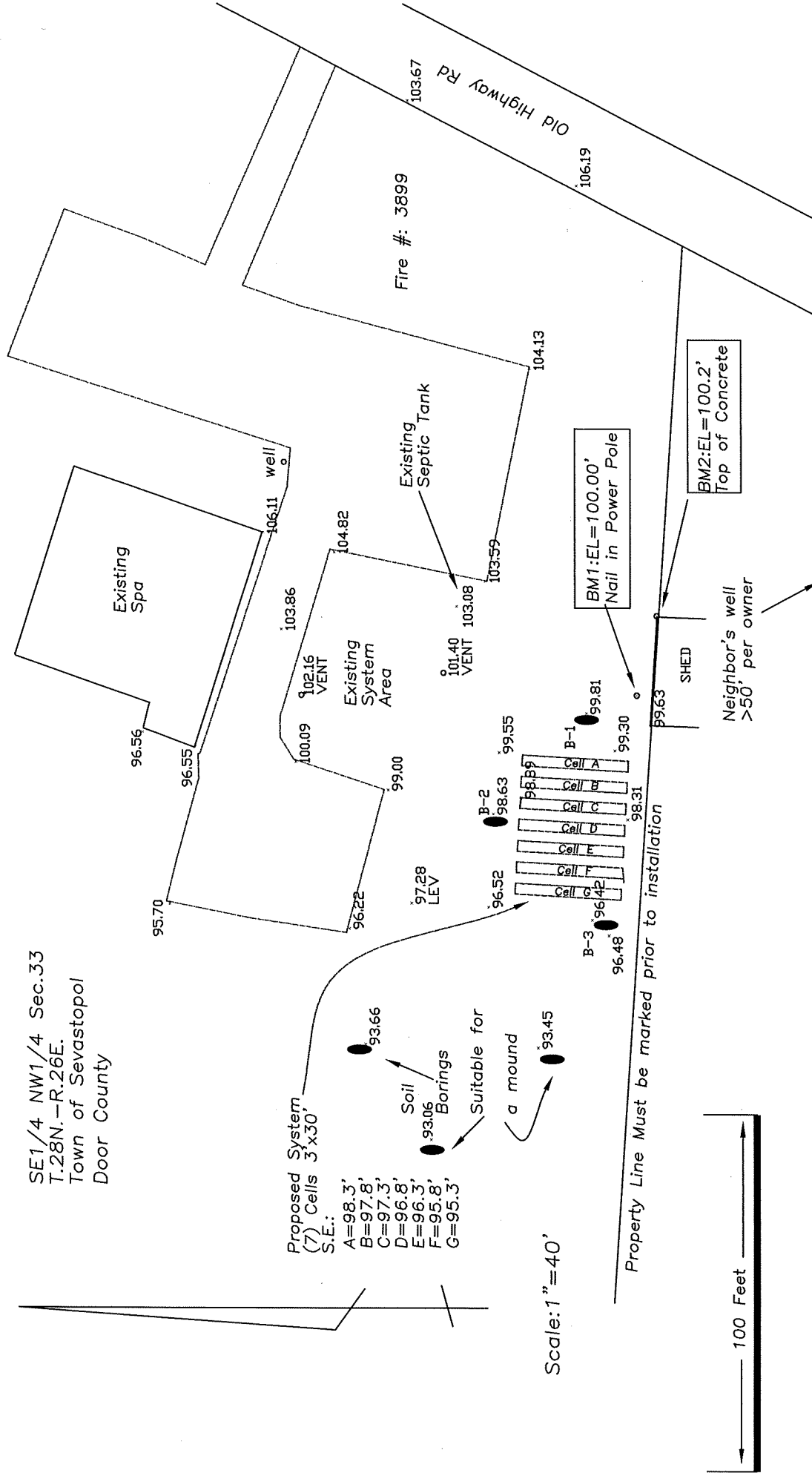
* Effluent # 1 = BOD₅>30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L* Effluent # 2 = BOD₅≤ 30 mg/L and TSS ≤ 30 mg/L

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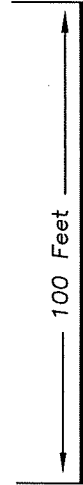
Hafenbredl LLC

SE1/4 NW1/4 Sec.33
T.28N.-R.26E.
Town of Sevastopol
Door County

N



Scale: 1"=40'



- * Elevations are for Soil Test Use Only
- * This is Not a Survey
- * Property Lines Per Owner
- * Property Lines Need to be Identified Prior to Installation