

SOIL EVALUATION REPORT

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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 <u>Jefferson</u>	
Parcel I.D.	
Reviewed by	Date

Property Owner <u>Jude Hartwick</u>				Property Location Govt. Lot <u>NW</u> 1/4 NW 1/4 S 35 T 6 N R 15 E (or) W			
Property Owner's Mailing Address <u>704 N Main</u>				Lot # <u>1</u>	Block # <u>NA</u>	Subd. Name or CSM#	
City <u>Fort Atkinson</u>	State <u>WI</u>	Zip Code <u>53538</u>	Phone Number <u>920-568-0626</u>	☐ City	☐ Village	☒ Town	Nearest Road <u>Hebron Co Hwy D</u>

☒ New Construction	Use: ☐ Residential / Number of bedrooms <u>5</u>	Code derived design flow rate <u>750</u> GPD
☐ Replacement	☐ Public or commercial - Describe:	
Parent material		Flood Plain elevation if applicable
General comments and recommendations: <u>Rotamer Loam Rtc2 Pg61</u>		

1 Boring # ☐ Boring ☒ Pit Ground surface elev. 99.98 ft. Depth to limiting factor 54 in.

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/ft ²	
									*Eff#1	*Eff#2
1	0-7	10yr3/3		sil	2fsbk	mvfr	as	2f	.6	.8
2	7-18	7.5yr4/4		scl	1fsbk	mfr	cs	1f	.2	.3
3	18-54	10yr6/4		sl	1fpl	mfr	cs	1f	.4	.6
4	54-102	10yr6/4	cmd10yr7/8	sl	1fpl	mfr				

2 Boring # ☐ Boring ☒ Pit Ground surface elev. 99.98 ft. Depth to limiting factor 67 in.

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/ft ²	
									*Eff#1	*Eff#2
1	0-9	10yr3/3		sil	2fsbk	mvfr	2f	2f	.6	.8
2	9-19	10yr4/4		cl	1fsbk	mfr	1f	1f	.2	.3
3	19-67	10ty6/4		sl	1fpl	mfr	1f	1f	.4	.6
4	67-111	10yr6/4	cmd10yr7/8	sl	1fpl	mfr				

* 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) <u>James Masters</u>	Signature <u>James Masters</u>	CST Number <u>139411</u>
Address <u>W36222 Lower Hebron Rd Fort Atkinson WI 53538-9367</u>	Date Evaluation Conducted <u>4-17-09</u>	Telephone Number <u>920-568-0524</u>

Property Owner Jude Hartwick

Parcel ID # _____

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3 Boring # ☐ Boring
☒ Pit Ground surface elev. 104.14 ft. Depth to limiting factor 120 in.

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate	
									GPD/ft ²	
									*Eff#1	*Eff#2
1	0-6	10yr3/3		sil	2fsbk	mvfr	as	2r	.6	.8
2	6-13	10yr4/4		grcl	1fsbk	mfr	cs	1f	.2	.3
3	13-120	10yr6/4		sl	1fpl	mfr			.4	.6

4 Boring # ☐ Boring
☒ Pit Ground surface elev. 108.49 ft. Depth to limiting factor 115 in.

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate	
									GPD/ft ²	
									*Eff#1	*Eff#2
1	0-6	10yr3/3		sil	2fsbk	as	2f		.6	.8
2	6-15	10yr4/4		grcl	1fsbk	cs	1f		.2	.3
3	15-115	10yr6/4		sl	1fpl				.4	.6

5 Boring # ☐ Boring
☒ Pit Ground surface elev. 102.76 ft. Depth to limiting factor >100 in.

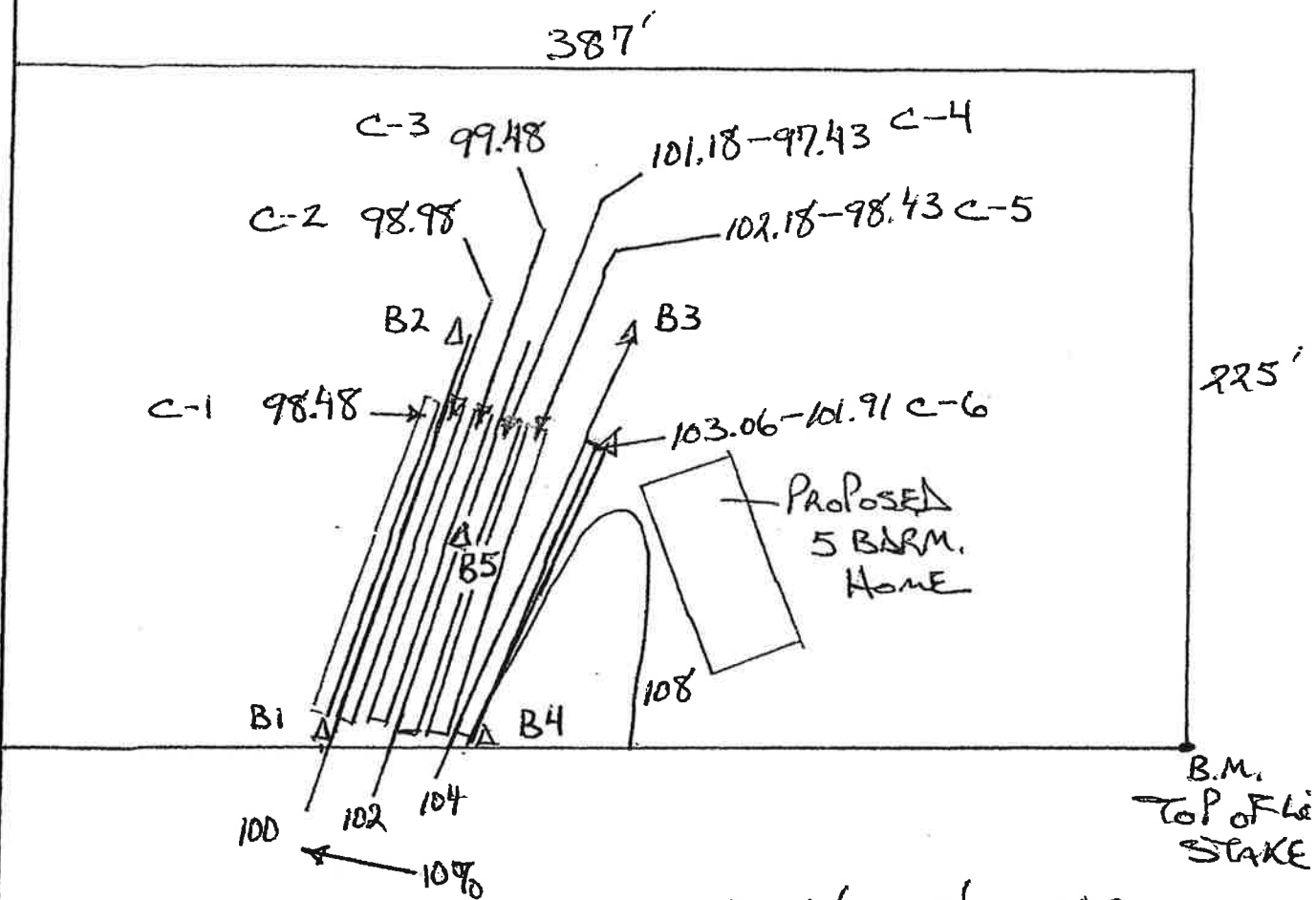
Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate	
									GPD/ft ²	
									*Eff#1	*Eff#2
1	0-9	10yr3/3		sil	2fsbk	mvfr	as	2f	.6	.8
2	9-19	10yr4/4		grcl	1fsbk	mfr	cs	1f	.2	.3
3	19-100	10yr6/4		sl	1fpl	mfr			.4	.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

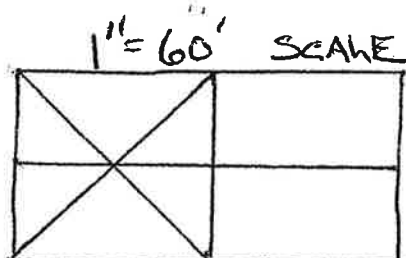
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Jude Hartwick

CO.
Hwy.
Δ



3 6' X 105' CELLS



James M. [Signature]
CST # 139411