Wisconsin Department of Safety and Professional Services
Division of Industry Services

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: Juneau
Parcel I.D.: 290280465-06
Reviewed by: | Date:

Property Owner: Chris Hastings
Property Owner's Mailing Address: 10529 W. Villard Ave
City: Milwaukee | State: WI | Zip Code: 53225 | Phone Number: 414-617-8451

Property Location: ☒ ☐
Govt. Lot SW ¼ SE ¼ S 22 T 18 N R 3 (E) (or) W
Site Address or CSM and Lot #: Lot 6, Vol 21 CSM P6 96
☐ City ☐ Village ☒ Town: Necedah
Nearest Road: W7092 23rd ST

☒ New Construction ☐ ~~Replacement~~
Use: ☒ Residential/Number of bedrooms 3
☐ ~~Public or commercial – Describe:~~
Code derived designflow rate 450 GPD
Flood Plan elevation if applicable N/A ft.
Parent material: Sandstone
General comments and recommendations: * Consult w/ installing plmr on proper tree removal from system area.
Recommend an 18" Sand Lift Mound on staked 99.45' contour.

1 Boring # ☐ ~~Boring~~ ☒ Pit
Ground surface elev. 98.98 ft. Depth to limiting factor 18 in. / elev 92.48 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	0-6	10yr 2/2	—	Lfs	0 sg	ml	cs	3f 1m-1c	.5	1.0
2	6-18	10yr 4/3	—	fs	0 sg	ml	cs	1f-1m	.5	1.0
3	18-44	10yr 5/3	C2p 7.5yr 5/8	fs	0 sg	ml	—	-	.5	1.0
			H2O in Pit	at	44"					

2 Boring # ☐ ~~Boring~~ ☒ Pit
Ground surface elev. 99.45 ft. Depth to limiting factor 19 in. / elev. 92.87 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	0-6	10yr 2/2	—	Lfs	0 sg	ml	cs	3f 1m-1c	.5	1.0
2	6-19	10yr 4/3	—	fs	0 sg	ml	gw	2f-1m	.5	1.0
3	19-44	10yr 5/3	C2p 7.5yr 5/8	fs	0 sg	ml	cs	-	.5	1.0
			H2O in Pit	at	44"					

CST Name (Please Print): Terry A Schmidt
Signature: Terry A Schmidt
CST Number: 227196
Address: 5015 Cheyenne Rd Warrens, WI 54666
Date Evaluation Conducted: 5-24-2023
Telephone Number: 608-343-2645

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

3 Boring # ☐ Boring ☑ Pit Ground surface elev 98.83 ft. Depth to limiting factor 19 in. / elev 97.25 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	0-9	10yr 2/2	—	Lfs	Ø sg	ml	cs	3f 1m-1c	.5	1.0
2	9-19	10yr 4/3	—	fs	Ø sg	ml	gw	2f-1m	.5	1.0
3	19-37	10yr 5/3	C2p 7.5yr 5/8	fs	Ø sg	ml	cs	—	.5	1.0
			H2O in Pit	AT	37"					

4 Boring # ☐ Boring ☑ Pit Ground surface elev. 100.83 ft. Depth to limiting factor 15 in. / elev. 99.53 ft.

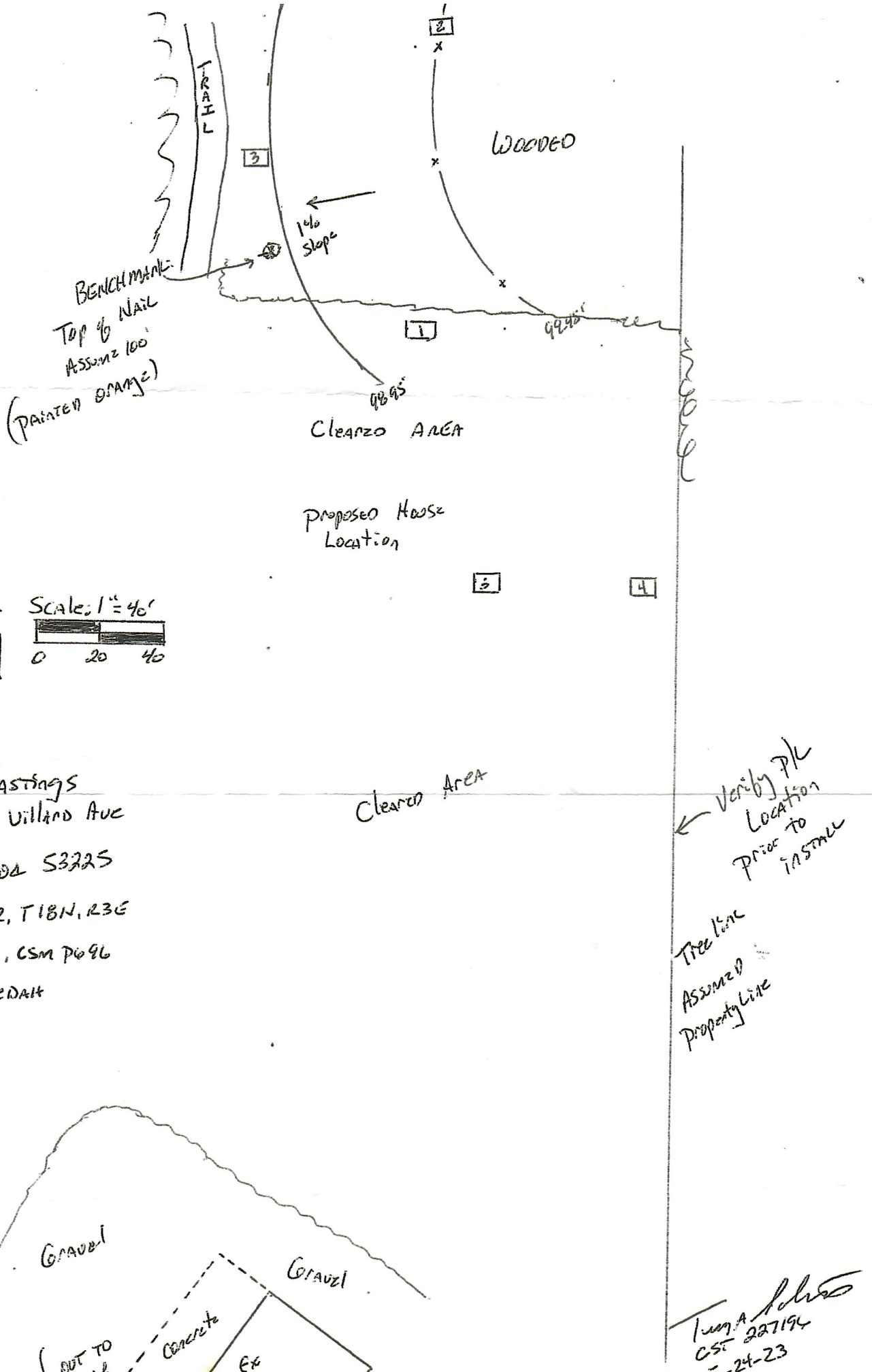
Horizon	Depth In.	Dominant Color Munsell	Redox Description Qu. Az. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/Ft² *Eff#1	*Eff#2
1	0-5	10yr 2/2	—	Lfs	Ø sg	ml	cs	2f 1m-1c	.5	1.0
2	5-15	10yr 5/6	—	fs	Ø sg	ml	gw	1f-1m	.5	1.0
3	15-36	2.5y 6/2	C2p 7.5yr 5/8	fs	Ø sg	mf	cs	—	.5	1.0
		* Some Topsoil Appears	to	have been	removed	during	Tree			
		removal								

5 Boring # ☐ Boring ☑ Pit Ground surface elev. 100.53 ft. Depth to limiting factor 10 in. / elev. 99.25 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	0-4	10yr 2/2	—	Lfs	Ø sg	ml	cs	2f 1m-1c	.5	1.0
2	4-10	10yr 5/6	—	fs	Ø sg	ml	cs	1f-1m	.5	1.0
3	10-30	10yr 5/2	C2p 7.5yr 5/8	fs	Ø sg	mf	—	—	0.0	0.0
		Area is	Disturbed by	Tree	Removal					

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

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


TRAIL
WOODED
1% slope
BENCHMARK:
Top of NAIL
Assume 100'
(PAINTED ORANGE)
99.45'
98.95'
Clearzo AREA
Proposed House Location
1
2
3
4
5
Scale: 1" = 40'
0
20
40
N
CHRIS HASTINGS
10529 W. Villard Ave
Milwaukee, WI 53225
SW, SE, SEC. 22, T18N, R3E
Lot 6, Vol 21, CSM P696
Town of NECEDAH
Clearzo Area
Verify P/L Location prior to INSTALL
Tree line
Assumed Property Line
CAMPER
Gravel
Gravel
OUT TO 23rd ST
Concrete
EX SHED
Tony Johnson
CST 227194
5-24-23