

Site Suitability Form Article 3.2

Property Owner: Tom Steinmen Date: 4-15-20
 Mailing Address: P.O. Box 63
 City: Cornell State: Mn. Zip: 56450
 Home Phone Number: _____ Cell: 320-977-2441
 Site Address: 246th St
 City: Aitkin State: Mn. Zip: 56431
 Legal Description: SW of NW 1/4 Sec 28 T36N R26W
 Sec. 28 Twp: 35 Range: 26 Township Name: Walthamwood
 Parcel Number: 36-0-034902
 Lake/River: _____ Lake/River Classification: _____

Description of Soil Treatment Areas

	(Proposed) Site #1		(Alternate) Site #2	
Disturbed Areas	Yes _____	No <u>X</u>	Yes _____	No _____
Compacted Areas	Yes _____	No <u>X</u>	Yes _____	No _____
Flooding	Yes _____	No <u>X</u>	Yes _____	No _____
Run on Potential	Yes _____	No <u>X</u>	Yes _____	No _____
Limiting Layer Depth	SB1 <u>14</u>	SB2 <u>14</u>	SB1 <u>12</u>	SB2 <u>12</u>
Slope % and Direction	<u>Northerly</u>			
Soil Texture	<u>loam</u>			
Soil Sizing Factor	<u>1.67</u>			
Landscape Position	<u>gentle</u>			
Vegetation Types	<u>maples Oaks Birches</u>			

Soil Sizing Factors/Hydraulic Loading Rates							
Perc. Rate	Texture	SSF	HLR	Perc. Rate	Texture	SSF	HLR
<0.1	Coarse Sand			16 to 30	Loam	1.67	0.60
0.1 to 5	Sand	0.83	1.20	31 to 45	Silt Loam	2.00	0.50
0.1 to 5	Fine Sand	1.67	0.60	46 to 60	Clay Loam	2.20	0.45
6 to 15	Sandy Loam	1.27	0.79	> 60	Clay Loam	****	0.24

Print Designer Name and License Number: Bob Bartel 2088
 Address: P.O. Box 62
 City: Brainard State: Mn. Zip: 56401
 Home Phone Number: _____ Cell: 218-831-6430
 E-Mail: _____

Disclaimer: I, Bob Bartel, Designer do hereby certify that all proposed lots have a minimum of two soil treatment areas that can support a standard system.

Date: 4-15-20

36-0-034902

Site Suitability Soil Boring Logs for Proposed Septic System Sites

Property Owner: Tom Steinman

Date: 4-15-20

*Record depths of all horizons.

*Record all Redoximorphic Features, Restricting Layers and Saturated Soils.

*Include all Chroma and Hue values in boring log.

#1 Proposed Site

Depth in Inches	Texture	Munsell Color
5"	Topsoil	10yr 3/3
1"	Loam	7.5yr 4/4
12"	cl mottles	7.5yr 4/2

#2 Proposed Site

Depth in Inches	Texture	Munsell Color
4"	Topsoil	10yr 3/3
1"	Loam	7.5yr 4/4
13"	cl mottles	7.5yr 4/2

#1 Alternate Site

Depth in Inches	Texture	Munsell Color

#2 Alternate Site

Depth in Inches	Texture	Munsell Color

Legal Description: SW of NW Part Dec 282360

Parcel Number: 36-0-034902

Designer Signature: Bob Bull

Date: 4-15-20

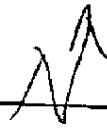
36-0-034902

Site Sketch for Site Suitability

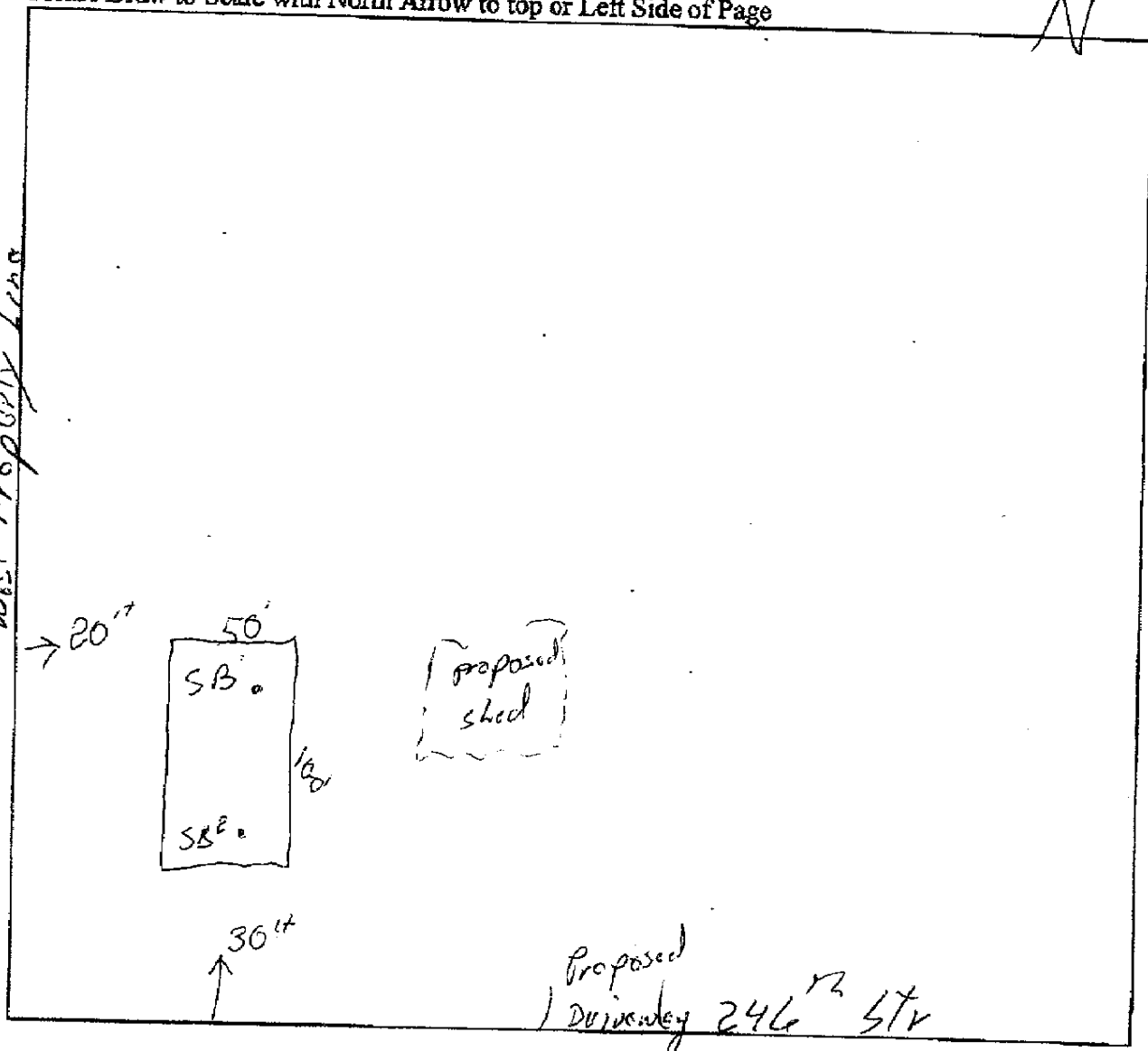
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Please Draw to Scale with North Arrow to top or Left Side of Page



west Property line



Show Existing or Proposed:

- Water Wells within 100 ft. of drainfield locations
- All soil boring Locations Disturbed/Compacted Areas
- OHW as Needed Lot Easements
- Property lines, all existing structures, all relative setbacks

Legal Description: SW of NW Port Dec. 288360

Parcel Number: 36-0-034902

Designer Signature: Bob R. [Signature]

Date: 4-15-20

License Number: 2088