

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:	Waukesha
Parcel ID:	MV 0262998005
Reviewed by:	Date:

Property Owner Halquist, C/O: SEH Inc.				Property Location NW¼, S30, T8N, R19E			
Property Owner's Mailing Address 501 Maple Avenue				Lot # 48	Block#	Subd. Name or CSM# Stone Ridge III	
City Delafield	State WI	Zip Code 53018	Phone Number 414.949.8962	Municipality: Village of Merton		Nearest Road: Ainsworth Road	
<input checked="" type="checkbox"/> New Construction Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: <u>4</u> Code derived design flow rate: <u>600</u> GPD <input type="checkbox"/> Replacement <input type="checkbox"/> Public or Commercial - Describe: _____		Parent Material: _____					
General Comments & Recommendations: <i>Borings observed by Mitch Butler, Waukesha Co.</i> Area suitable for mound system. Drawn box shows 110'x45' potential site.							

48-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1040.5</u> ft.	Depth to Limiting Factor: <u>40</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 13	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	13 - 20	7.5YR 4/4	-	cl	2msbk	mfr	cw	1vf	0.4	0.6
3	20 - 40	7.5YR 3/4	-	grcl	1msbk	mfr	gw	-	0.2	0.3
4	40 - 50	7.5YR 5/4	f1f 10YR 6/2	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 35"							

48-2	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1040.7</u> ft.	Depth to Limiting Factor: <u>0</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 10	7.5YR 3/2	-	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	10 - 36	7.5YR 4/4	c1d 10YR 6/2	sicl	1fsbk	mfr	cw	1vf	0.2	0.3

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

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

CST Name (Please Print) Morgan Butler IV	Signature <i>Morgan Butler IV</i>	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted 12/14/2021	Telephone Number (262) 650 - 2000

County:	Waukesha
Parcel ID:	MV 0262998005

48-3 Boring # Boring Pit
 Ground Surface Elev.: 1041.9 ft. Depth to Limiting Factor: 16 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 8	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	8 - 16	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	16 - 52	7.5YR 5/4	f1f 10YR 5/8	grscl	1fsbk	mfr	-	-	0.2	0.3
			Roots to 30"							

48-4 Boring # Boring Pit
 Ground Surface Elev.: 1041.9 ft. Depth to Limiting Factor: 24 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 9	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	9 - 18	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	18 - 24	7.5YR 3/4	-	grcl	1fsbk	mfr	gw	1vf	0.2	0.3
4	24 - 45	7.5YR 5/4	f1f 10YR 5/8	grscl	1fsbk	mfr	gw	-	0.2	0.3
5	45 - 65	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

48-5 Boring # Boring Pit
 Ground Surface Elev.: 1039.7 ft. Depth to Limiting Factor: 25 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 10	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	10 - 25	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	25 - 44	7.5YR 4/4	f1f 10YR 5/8	cl	1fsbk	mfr	gw	-	0.2	0.3
4	44 - 68	7.5YR 5/4	f1f 10YR 5/8	grscl	1fsbk	mfr	-	-	0.2	0.3

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

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

County:	Waukesha
Parcel ID:	MV 0262998005

SB27

Boring #

Boring
 Pit

Ground Surface Elev.:
1043.7 ft.

Depth to Limiting Factor:
50 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 9	7.5YR 3/2	-	l	2fsbk	mfr	cw	1vf	0.6	0.8
2	9 - 27	7.5YR 4/4	-	cl	2fsbk	mfr	gw	1vf	0.4	0.6
3	27 - 50	7.5YR 3/4	-	grcl	1fsbk	mfr	gw	-	0.2	0.3
4	50 - 96	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

Boring #

Boring
 Pit

Ground Surface Elev.:
 _____ ft.

Depth to Limiting Factor:
 _____ in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

Boring #

Boring
 Pit

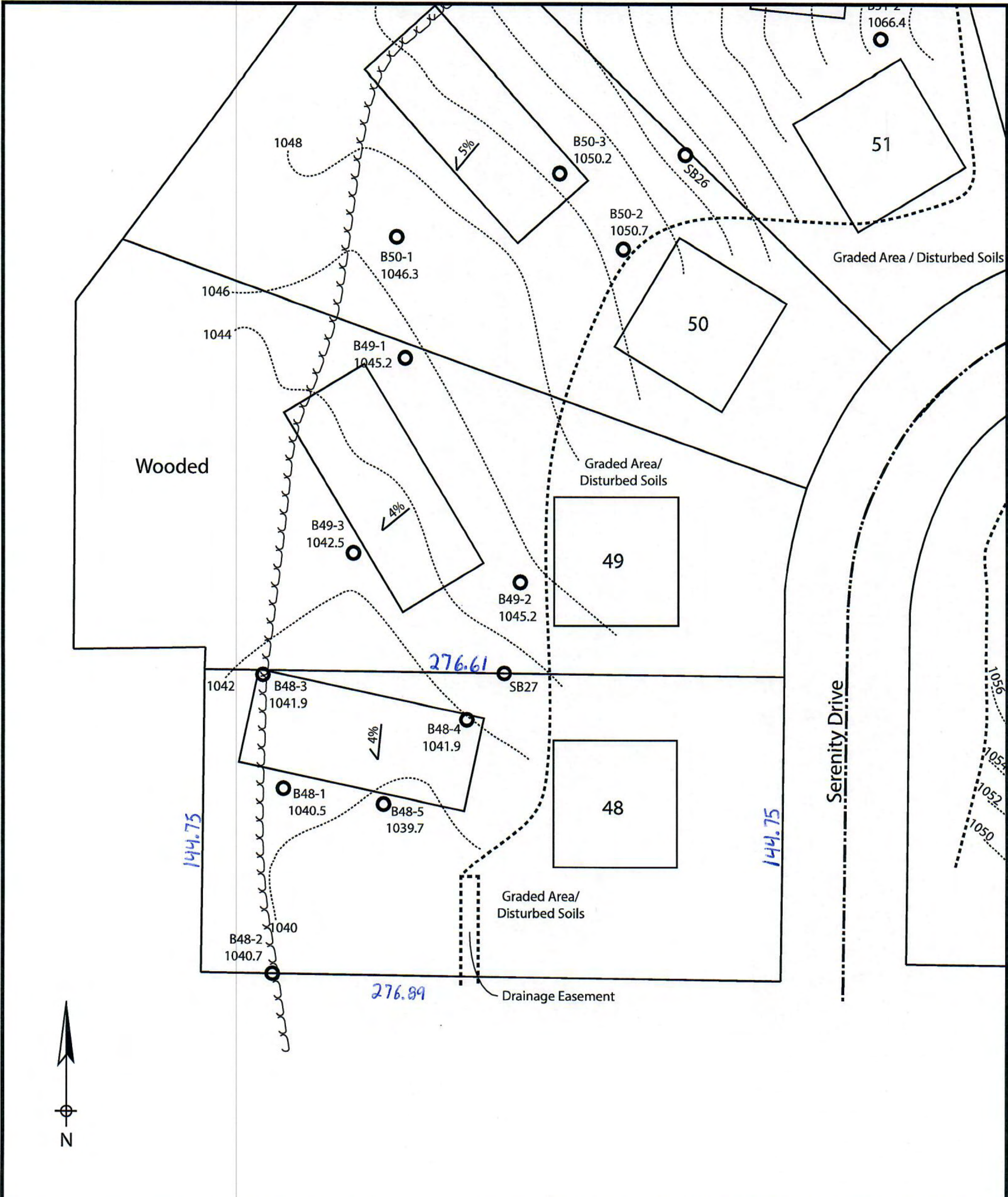
Ground Surface Elev.:
 _____ ft.

Depth to Limiting Factor:
 _____ in.

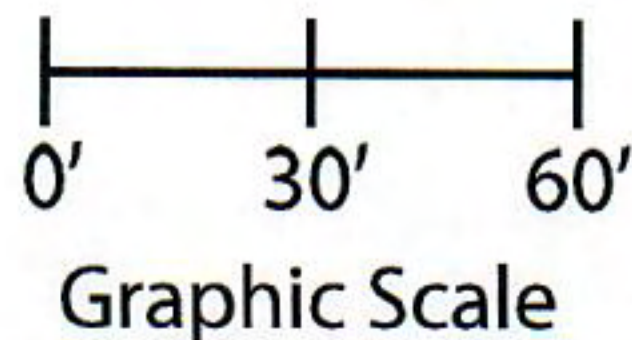
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

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

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



Lot 48 of Stone Ridge Phase III
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler IV, CST
 Date: 12/14/2021 Scale: 1" = 60'



Notes: Permanent benchmark to be set on-site at later date; Temporary BM: PLSS ¼ Sec. Corner on Ainsworth Rd., approximately 60' W of Lot 16 westerly lot line. Elevation - 1058.64'

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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.

County: Waukesha	
Parcel ID: MV 0262998005	
Reviewed by:	Date:

Please print all information

Personal information you provide may be used for secondary purposes (Privacy Law, s. 15.04(1)(m)).

Property Owner Halquist, C/O: SEH Inc.				Property Location NW¼, S30, T8N, R19E			
Property Owner's Mailing Address 501 Maple Avenue				Lot # 49	Block#	Subd. Name or CSM# Stone Ridge III	
City Delafield	State WI	Zip Code 53018	Phone Number 414.949.8962	Municipality: Village of Merton		Nearest Road: Ainsworth Road	
<input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Replacement		Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: <u>4</u> <input type="checkbox"/> Public or Commercial - Describe: _____		Code derived design flow rate: <u>600</u> GPD			
Parent Material: _____							
General Comments & Recommendations: Area suitable for mound system. Drawn box shows 110'x45' potential site.							

49-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1045.2</u> ft.	Depth to Limiting Factor: <u>24</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 9	7.5YR 3/2	-	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	9 - 24	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	24 - 44	7.5YR 4/4	c1f 10YR 6/2	sicl	2msbk	mfr	gw	-	0.4	0.6
4	44 - 56	7.5YR 3/4	f1f 10YR 6/2	sil	1fsbk	mfr	gw	-	0.4	0.6
5	56 - 70	7.5YR 7/4	f1f 10YR 5/8, 6/2	sil	1fsbk	mfr	-	-	0.4	0.6

49-2	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1045.2</u> ft.	Depth to Limiting Factor: <u>25</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 10	7.5YR 3/2	-	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	10 - 25	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	25 - 40	7.5YR 4/4	f1d 10YR 5/8, 6/2	sicl	2msbk	mfr	gw	-	0.4	0.6
4	40 - 55	7.5YR 3/4	f1d 10YR 5/8, 6/2	sicl	1fsbk	mfr	-	-	0.2	0.3

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

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

CST Name (Please Print) Morgan Butler IV	Signature <i>Morgan Butler IV</i>	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted 12/14/2021	Telephone Number (262) 650 - 2000

County:	Waukesha
Parcel ID:	MV 0262998005

49-3	Boring #	<input type="checkbox"/>	Boring	Ground Surface Elev.:	1042.5 ft.	Depth to Limiting Factor:	32 in.
		<input checked="" type="checkbox"/>	Pit				

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 8	7.5YR 3/2	-	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	8 - 16	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	16 - 32	7.5YR 3/4	-	grcl	1fsbk	mfr	gw	1vf	0.2	0.3
4	32 - 55	7.5YR 5/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 25"							

48-3	Boring #	<input type="checkbox"/>	Boring	Ground Surface Elev.:	1041.9 ft.	Depth to Limiting Factor:	16 in.
		<input checked="" type="checkbox"/>	Pit				

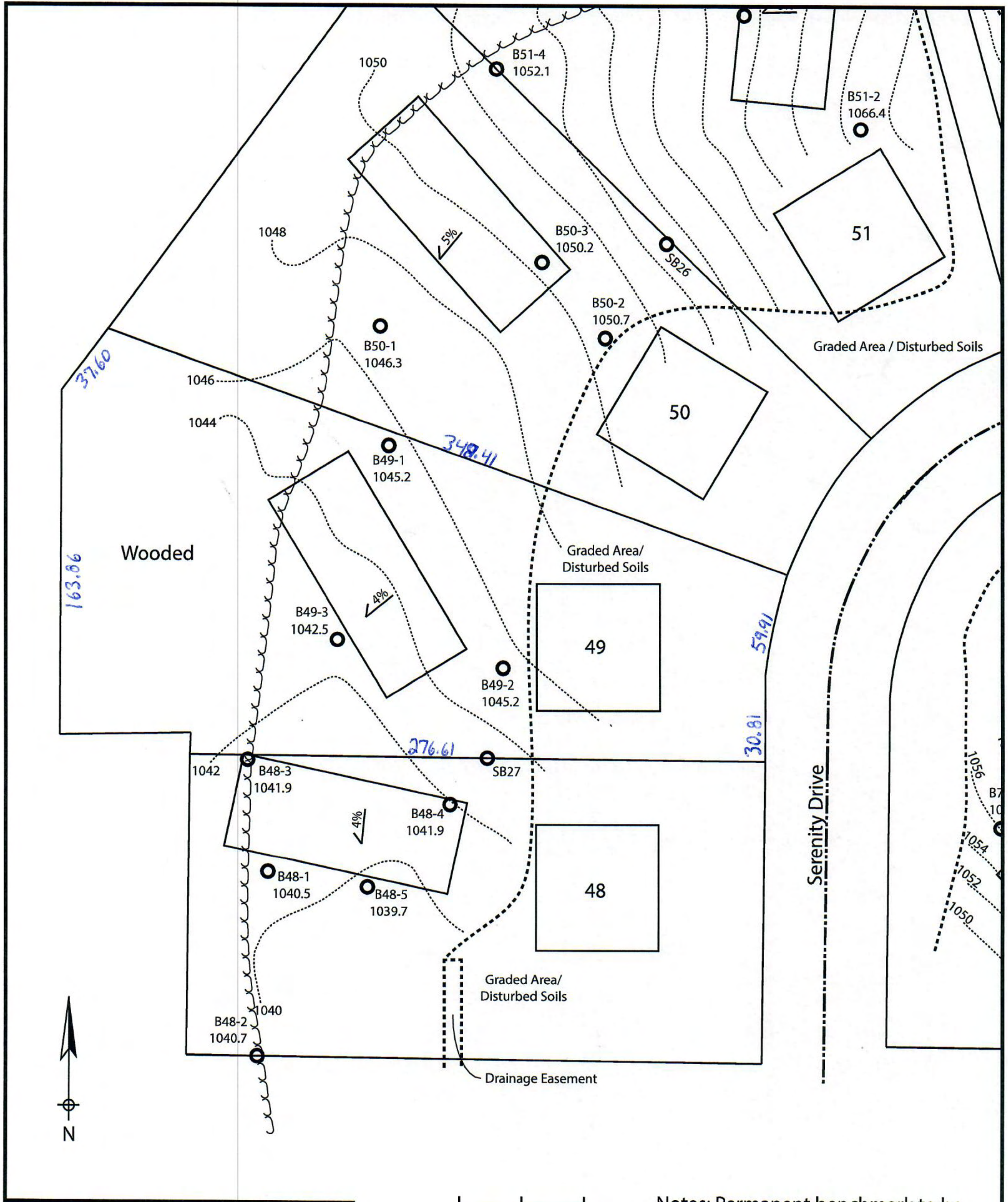
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 8	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	8 - 16	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	16 - 52	7.5YR 5/4	f1f 10YR 5/8	grscl	1fsbk	mfr	-	-	0.2	0.3
			Roots to 30"							

SB27	Boring #	<input type="checkbox"/>	Boring	Ground Surface Elev.:	1043.7 ft.	Depth to Limiting Factor:	50 in.
		<input checked="" type="checkbox"/>	Pit				

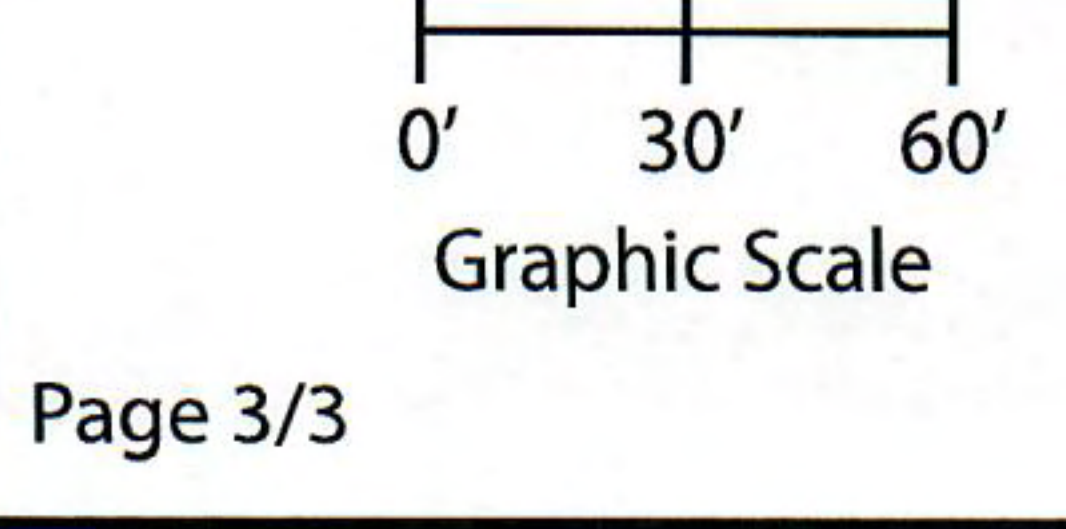
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 9	7.5YR 3/2	-	l	2fsbk	mfr	cw	1vf	0.6	0.8
2	9 - 27	7.5YR 4/4	-	cl	2fsbk	mfr	gw	1vf	0.4	0.6
3	27 - 50	7.5YR 3/4	-	grcl	1fsbk	mfr	gw	-	0.2	0.3
4	50 - 96	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

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

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



Lot 49 of Stone Ridge Phase III
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler IV, CST
 Date: 12/14/2021 Scale: 1" = 60'



Notes: Permanent benchmark to be set on-site at later date; Temporary BM: PLSS ¼ Sec. Corner on Ainsworth Rd., approximately 60'W of Lot 16 westerly lot line. Elevation - 1058.64'

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.

County: Waukesha	
Parcel ID: MV 0262998005	
Reviewed by:	Date:

Please print all information

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Property Owner Halquist, C/O: SEH Inc.				Property Location NW¼, S30, T8N, R19E			
Property Owner's Mailing Address 501 Maple Avenue				Lot # 50	Block#	Subd. Name or CSM# Stone Ridge III	
City Delafield	State WI	Zip Code 53018	Phone Number 414.949.8962	Municipality: Village of Merton		Nearest Road: Ainsworth Road	
<input checked="" type="checkbox"/> New Construction		Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: <u>4</u>		Code derived design flow rate: <u>600</u> GPD			
<input type="checkbox"/> Replacement		<input type="checkbox"/> Public or Commercial - Describe: _____					
Parent Material: _____							
General Comments & Recommendations: <i>Borings observed by Mitch Buhler Waukesha Co.</i> Area suitable for mound system. Drawn box shows 110'x45' potential site.							

51-4	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	<u>1052.1</u> ft.	<u>12</u> in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 7	7.5YR 3/2	-	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	7 - 12	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	12 - 28	7.5YR 4/4	f1f 10YR 6/2	sicl	1fsbk	mfr	gw	-	0.2	0.3
4	28 - 38	7.5YR 3/4	-	cl	1fsbk	mfr	gw	-	0.2	0.3
5	38 - 48	7.5YR 6/4	f1f 10YR 6/2	grsl	1fsbk	mfr	-	-	0.4	0.7

50-1	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	<u>1046.3</u> ft.	<u>22</u> in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 11	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	11 - 22	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	22 - 33	7.5YR 4/4	c1f 10YR 6/2	cl	2msbk	mfr	gw	-	0.4	0.6
4	33 - 48	7.5YR 3/4	c1f 10YR 5/8	sicl	1fsbk	mfr	-	-	0.2	0.3

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

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

CST Name (Please Print) Morgan Butler IV	Signature <i>Morgan Butler IV</i>	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted 12/14/2021	Telephone Number (262) 650 - 2000

County:	Waukesha
Parcel ID:	MV 0262998005

50-2	Boring #	<input type="checkbox"/>	Boring	Ground Surface Elev.:	1050.7 ft.	Depth to Limiting Factor:	62 in.
		<input checked="" type="checkbox"/>	Pit				

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 8	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	8 - 22	7.5YR 4/4	-	grcl	2fsbk	mfr	gw	1vf	0.4	0.6
3	22 - 62	7.5YR 6/4	-	grs	0sg	ml	-	-	0.7	1.6

50-3	Boring #	<input type="checkbox"/>	Boring	Ground Surface Elev.:	1050.2 ft.	Depth to Limiting Factor:	26 in.
		<input checked="" type="checkbox"/>	Pit				

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 10	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	10 - 20	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	20 - 26	7.5YR 4/4	-	grcl	1msbk	mfr	gw	-	0.4	0.6
4	26 - 65	7.5YR 3/4	c1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.2	0.3

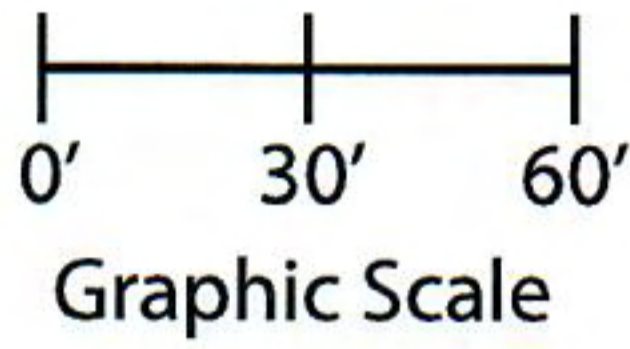
SB26	Boring #	<input type="checkbox"/>	Boring	Ground Surface Elev.:	1055.7 ft.	Depth to Limiting Factor:	32 in.
		<input checked="" type="checkbox"/>	Pit				

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 5	7.5YR 3/2	-	l	2fsbk	mfr	cw	1vf	0.6	0.8
2	5 - 13	7.5YR 4/4	-	cl	2fsbk	mfr	gw	1vf	0.4	0.6
3	13 - 32	7.5YR 3/4	-	grcl	1fsbk	mfr	gw	-	0.2	0.3
4	32 - 97	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

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

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

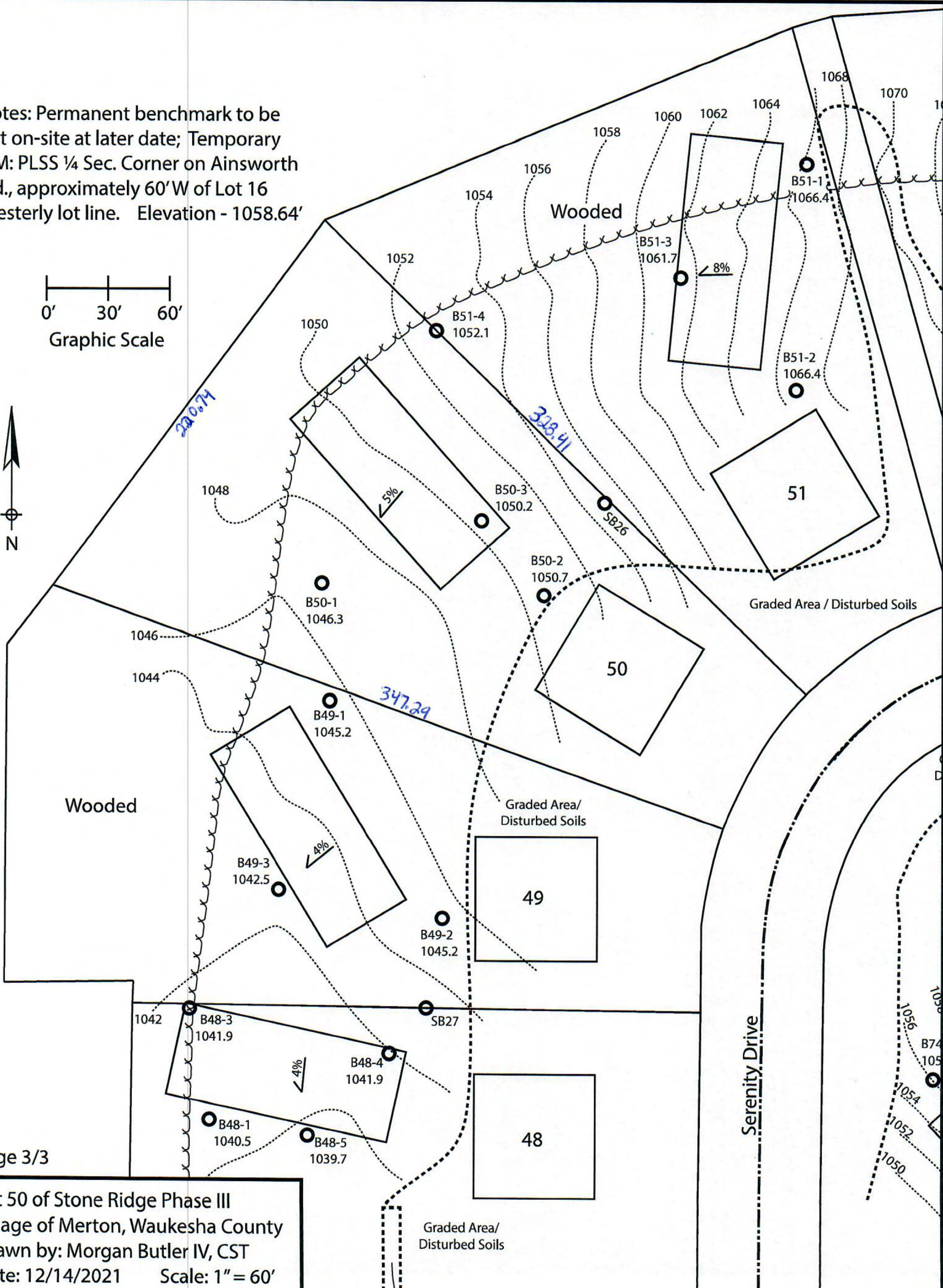
Notes: Permanent benchmark to be set on-site at later date; Temporary BM: PLSS ¼ Sec. Corner on Ainsworth Rd., approximately 60' W of Lot 16 westerly lot line. Elevation - 1058.64'



200.74

328.41

347.29



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Parcel ID:	MV 0262998005
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Property Owner's Mailing Address 501 Maple Avenue				Lot # 51	Block#	Subd. Name or CSM# Stone Ridge III	
City Delafield	State WI	Zip Code 53018	Phone Number 414.949.8962	Municipality: Village of Merton		Nearest Road: Ainsworth Road	
<input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Replacement		Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: <u>4</u> <input type="checkbox"/> Public or Commercial - Describe: _____		Code derived design flow rate: <u>600</u> GPD			
Parent Material: _____							
General Comments & Recommendations: Area suitable for mound system. Drawn box shows 110'x45' potential site.							

51-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1066.4</u> ft.	Depth to Limiting Factor: <u>22</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 9	7.5YR 3/2	-	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	9 - 16	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	16 - 22	7.5YR 3/4	-	cl	2msbk	mfr	gw	1vf	0.4	0.6
4	22 - 36	7.5YR 5/4	f1f 10YR 5/8, 6/2	grsicl	1fsbk	mfr	gw	1vf	0.2	0.3
5	36 - 48	7.5YR 7/4	f1f 10YR 5/8	grsil	1fsbk	mfr	-	-	0.4	0.6
Roots 40"										

51-2	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1066.4</u> ft.	Depth to Limiting Factor: <u>15</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 8	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	8 - 15	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	15 - 41	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.7	1.6
Roots 25"										

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

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

CST Name (Please Print) Morgan Butler IV	Signature <i>Morgan Butler IV</i>	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted 12/14/2021	Telephone Number (262) 650 - 2000

County: Waukesha
 Parcel ID: MV 0262998005

51-3 Boring # Boring Pit
 Ground Surface Elev.: 1061.7 ft. Depth to Limiting Factor: 29 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 5	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	5 - 13	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	13 - 29	7.5YR 4/4	-	grcl	1fsbk	mfr	gw	1vf	0.2	0.3
4	29 - 42	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

51-4 Boring # Boring Pit
 Ground Surface Elev.: 1052.1 ft. Depth to Limiting Factor: 12 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 7	7.5YR 3/2	-	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	7 - 12	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	12 - 28	7.5YR 4/4	f1f 10YR 6/2	sicl	1fsbk	mfr	gw	-	0.2	0.3
4	28 - 38	7.5YR 3/4	-	cl	1fsbk	mfr	gw	-	0.2	0.3
5	38 - 48	7.5YR 6/4	f1f 10YR 6/2	grsl	1fsbk	mfr	-	-	0.4	0.7

SB26 Boring # Boring Pit
 Ground Surface Elev.: 1055.7 ft. Depth to Limiting Factor: 32 in.

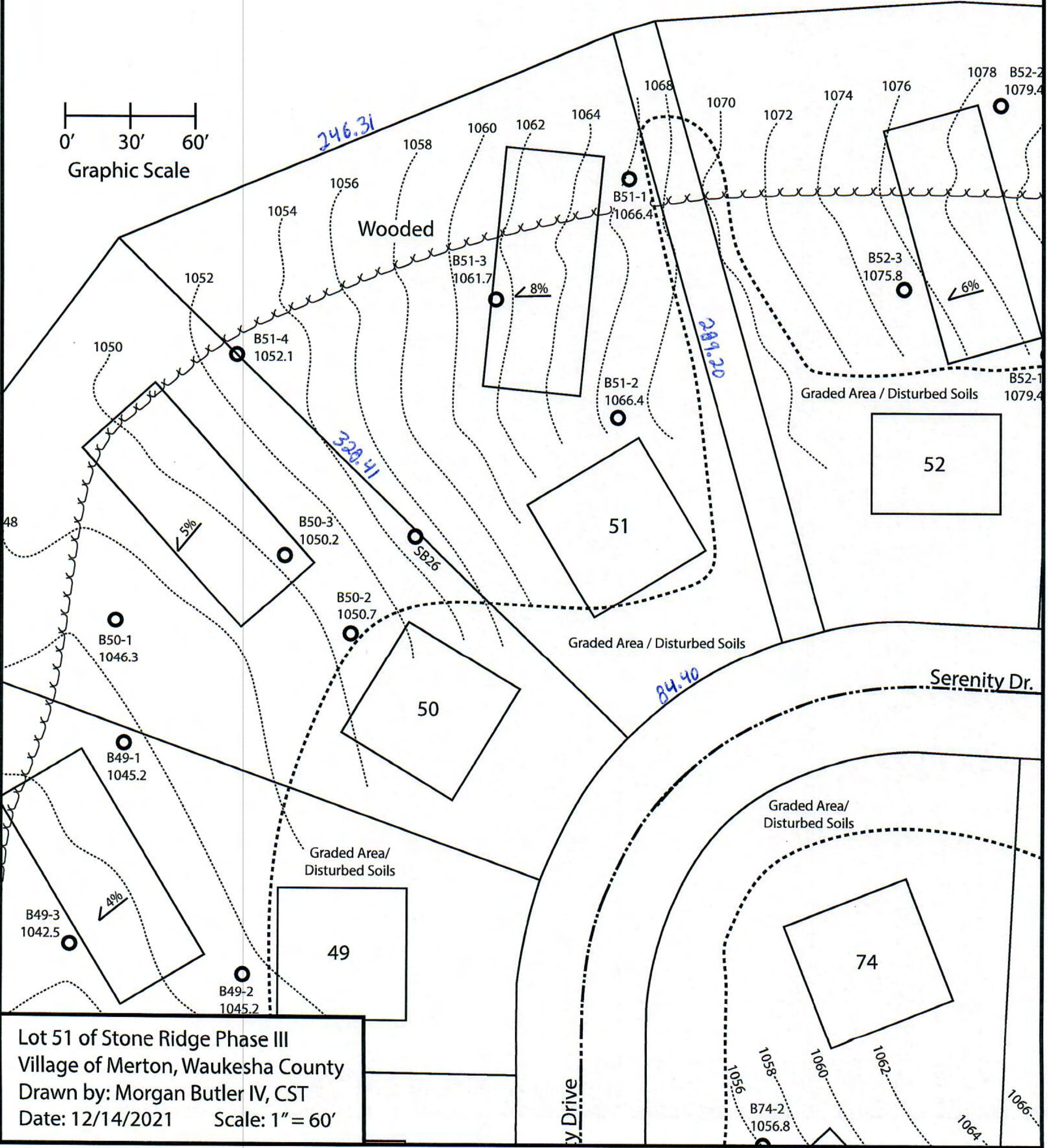
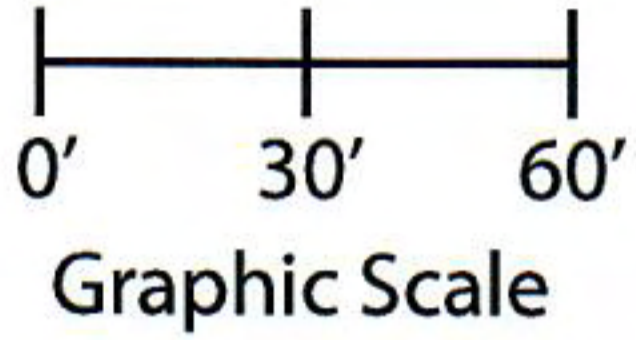
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 5	7.5YR 3/2	-	l	2fsbk	mfr	cw	1vf	0.6	0.8
2	5 - 13	7.5YR 4/4	-	cl	2fsbk	mfr	gw	1vf	0.4	0.6
3	13 - 32	7.5YR 3/4	-	grcl	1fsbk	mfr	gw	-	0.2	0.3
4	32 - 97	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

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

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



Notes: Permanent benchmark to be set on-site at later date; Temporary BM: PLSS 1/4 Sec. Corner on Ainsworth Rd., approximately 60' W of Lot 16 westerly lot line. Elevation - 1058.64'



Lot 51 of Stone Ridge Phase III
Village of Merton, Waukesha County
Drawn by: Morgan Butler IV, CST
Date: 12/14/2021 Scale: 1" = 60'

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.

County:	Waukesha
Parcel ID:	MV 0262998005
Reviewed by:	Date:

Please print all information

Personal information you provide may be used for secondary purposes (Privacy Law, s. 15.04(1)(m)).

Property Owner Halquist, C/O: SEH Inc.				Property Location NW¼, S30, T8N, R19E			
Property Owner's Mailing Address 501 Maple Avenue				Lot # 52	Block#	Subd. Name or CSM# Stone Ridge III	
City Delafield	State WI	Zip Code 53018	Phone Number 414.949.8962	Municipality: Village of Merton		Nearest Road: Ainsworth Road	
<input checked="" type="checkbox"/> New Construction Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: <u>4</u> Code derived design flow rate: <u>600</u> GPD <input type="checkbox"/> Replacement <input type="checkbox"/> Public or Commercial - Describe: _____ Parent Material: _____		Area suitable for mound system. Drawn box shows 110'x45' potential site. SB25 was performed three years prior (test dated 12/10/18). B52-1 supercedes these results, representing current conditions post-grading.					

52-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1079.4</u> ft.	Depth to Limiting Factor: <u>10</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 5	7.5YR 3/2	-	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	5 - 10	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	10 - 22	7.5YR 5/4	f1f 10YR 6/2	sicl	1fsbk	mfr	cw	1vf	0.2	0.3
4	22 - 32	7.5YR 3/4	f1f 10YR 6/2	grcl	1fsbk	mfr	gw	1vf	0.2	0.3
5	32 - 45	7.5YR 7/4	f1d 10YR 5/8, 6/2	sil	1fsbk	mfr	-	-	0.4	0.6
			Roots to 39"							

52-2	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1079.4</u> ft.	Depth to Limiting Factor: <u>19</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 6	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	6 - 11	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	11 - 19	7.5YR 3/4	-	grcl	1fsbk	mfr	gw	1vf	0.2	0.3
4	19 - 40	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

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

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

CST Name (Please Print) Morgan Butler IV	Signature <i>Morgan Butler IV</i>	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted 12/14/2021	Telephone Number (262) 650 - 2000

County: Waukesha
 Parcel ID: MV 0262998005

52-3

Boring #

Boring
 Pit

Ground Surface Elev.:
1075.8 ft.

Depth to Limiting Factor:
22 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 7	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	7 - 14	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	14 - 22	7.5YR 3/4	-	grcl	1fsbk	mfr	gw	1vf	0.2	0.3
4	22 - 45	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

51-1

Boring #

Boring
 Pit

Ground Surface Elev.:
1066.4 ft.

Depth to Limiting Factor:
22 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 9	7.5YR 3/2	-	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	9 - 16	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	16 - 22	7.5YR 3/4	-	cl	2msbk	mfr	gw	1vf	0.4	0.6
4	22 - 36	7.5YR 5/4	f1f 10YR 5/8, 6/2	grsicl	1fsbk	mfr	gw	1vf	0.2	0.3
5	36 - 48	7.5YR 7/4	f1f 10YR 5/8	grsil	1fsbk	mfr	-	-	0.4	0.6
			Roots 40"							

SB25

Boring #

Boring
 Pit

Ground Surface Elev.:
1078.7 ft.

Depth to Limiting Factor:
32 in.

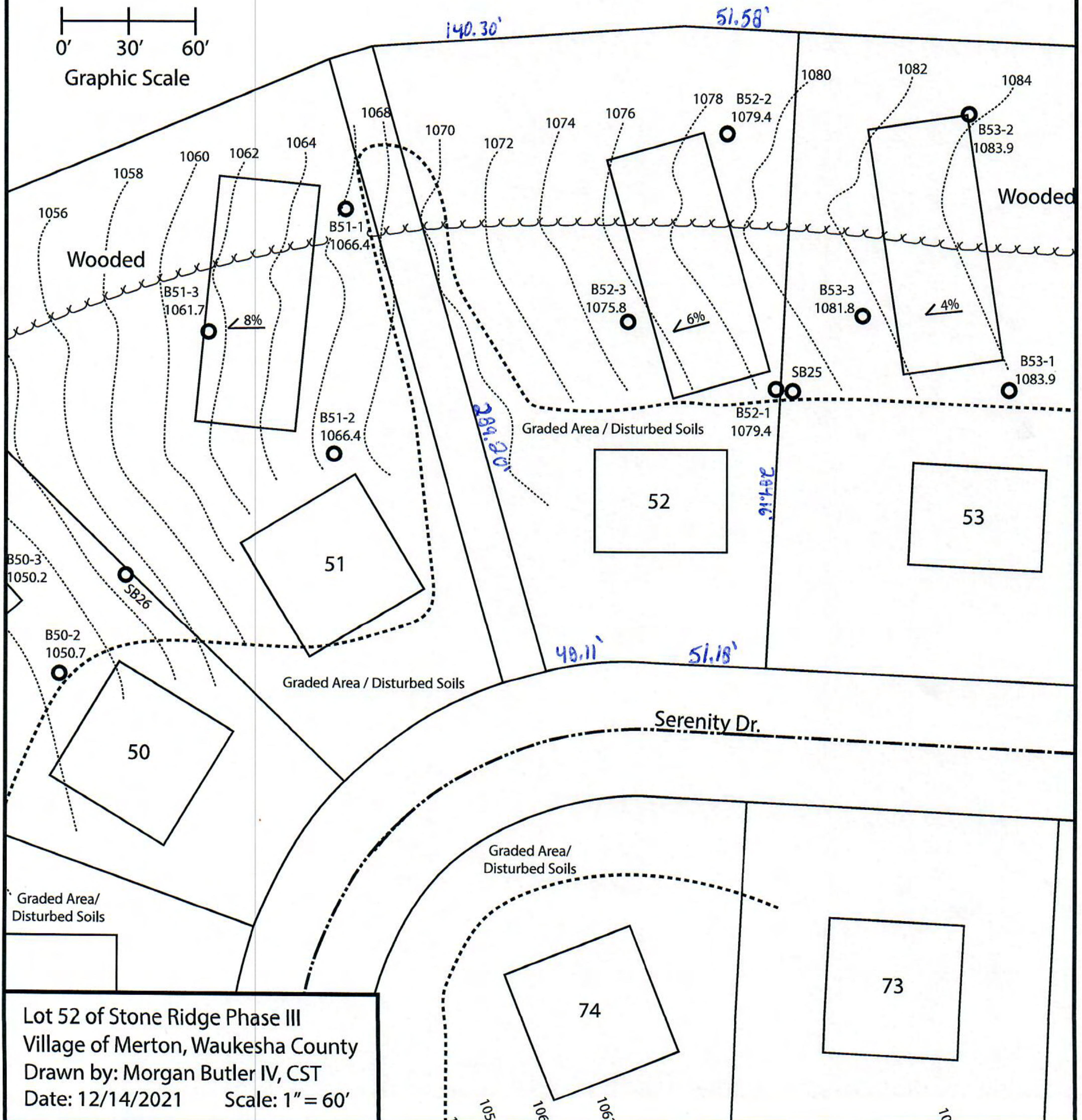
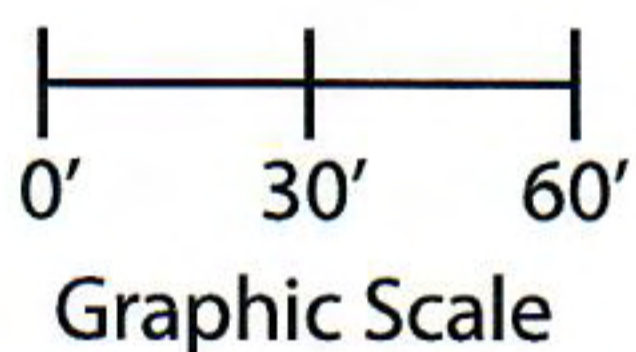
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 5	7.5YR 3/2	-	l	2fsbk	mfr	cw	1vf	0.6	0.8
2	5 - 32	7.5YR 4/4	-	grcl	2msbk	mfr	cw	1vf	0.4	0.6
3	32 - 98	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

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

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



Notes: Permanent benchmark to be set on-site at later date; Temporary BM: PLSS 1/4 Sec. Corner on Ainsworth Rd., approximately 60' W of Lot 16 westerly lot line. Elevation - 1058.64'



Lot 52 of Stone Ridge Phase III
Village of Merton, Waukesha County
Drawn by: Morgan Butler IV, CST
Date: 12/14/2021 Scale: 1" = 60'

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.

County:	Waukesha
Parcel ID:	MV 0262998005
Reviewed by:	Date:

Please print all information

Personal information you provide may be used for secondary purposes (Privacy Law, s. 15.04(1)(m)).

Property Owner Halquist, C/O: SEH Inc.				Property Location NW¼, S30, T8N, R19E			
Property Owner's Mailing Address 501 Maple Avenue				Lot # 53	Block#	Subd. Name or CSM# Stone Ridge III	
City Delafield	State WI	Zip Code 53018	Phone Number 414.949.8962	Municipality: Village of Merton		Nearest Road: Ainsworth Road	
<input checked="" type="checkbox"/> New Construction		Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: <u>4</u>		Code derived design flow rate: <u>600</u> GPD			
<input type="checkbox"/> Replacement		<input type="checkbox"/> Public or Commercial - Describe: _____					
Parent Material: _____							
General Comments & Recommendations: Area suitable for mound system. Drawn box shows 110'x45' potential site.							

53-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1083.9</u> ft.	Depth to Limiting Factor: <u>24</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 6	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	6 - 15	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	15 - 24	7.5YR 3/4	-	grcl	1fsbk	mfr	gw	1vf	0.2	0.3
4	24 - 40	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 26"							

53-2	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1083.9</u> ft.	Depth to Limiting Factor: <u>28</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 6	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	6 - 28	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	28 - 40	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.7	1.6
			Roots 36"							

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

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

CST Name (Please Print) Morgan Butler IV	Signature <i>Morgan Butler IV</i>	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted 12/14/2021	Telephone Number (262) 650 - 2000

County:	Waukesha
Parcel ID:	MV 0262998005

53-3	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	<u>1081.8 ft.</u>	<u>21 in.</u>

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 9	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	9 - 21	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	21 - 31	7.5YR 3/4	f1f 10YR 6/2	grcl	1fsbk	mfr	gw	1vf	0.2	0.3
4	31 - 41	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 24"							

54-3	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	<u>1085.8 ft.</u>	<u>32 in.</u>

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 9	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	9 - 20	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	20 - 32	7.5YR 3/4	-	grcl	1fsbk	mfr	gw	1vf	0.2	0.3
4	32 - 45	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 28"							

52-1	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	<u>1079.4 ft.</u>	<u>10 in.</u>

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 5	7.5YR 3/2	-	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	5 - 10	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	10 - 22	7.5YR 5/4	f1f 10YR 6/2	sicl	1fsbk	mfr	cw	1vf	0.2	0.3
4	22 - 32	7.5YR 3/4	f1f 10YR 6/2	grcl	1fsbk	mfr	gw	1vf	0.2	0.3
5	32 - 45	7.5YR 7/4	f1d 10YR 5/8, 6/2	sil	1fsbk	mfr	-	-	0.4	0.6
			Roots to 39"							

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

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

County: Waukesha
 Parcel ID: MV 0262998005

52-2

Boring #

Boring
 Pit

Ground Surface Elev.:
1079.4 ft.

Depth to Limiting Factor:
19 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 6	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	6 - 11	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	11 - 19	7.5YR 3/4	-	grcl	1fsbk	mfr	gw	1vf	0.2	0.3
4	19 - 40	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

SB25

Boring #

Boring
 Pit

Ground Surface Elev.:
1078.7 ft.

Depth to Limiting Factor:
32 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 5	7.5YR 3/2	-	l	2fsbk	mfr	cw	1vf	0.6	0.8
2	5 - 32	7.5YR 4/4	-	grcl	2msbk	mfr	cw	1vf	0.4	0.6
3	32 - 98	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

Boring #

Boring
 Pit

Ground Surface Elev.:
 _____ ft.

Depth to Limiting Factor:
 _____ in.

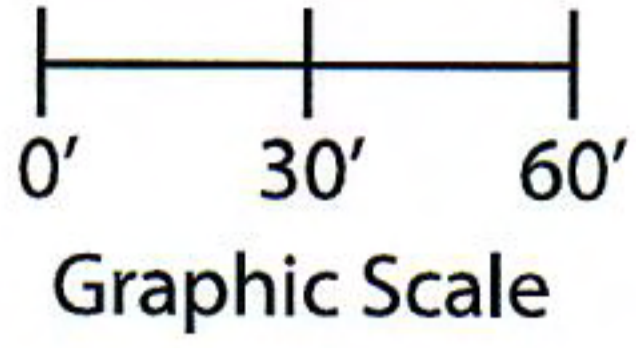
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

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

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

Wooded

Notes: Permanent benchmark to be set on-site at later date; Temporary BM: PLSS 1/4 Sec. Corner on Ainsworth Rd., approximately 60' W of Lot 16 westerly lot line. Elevation - 1058.64'



B57-2
1079.5

B57-1
1086.3

B55-1
1087.6

SB24

10

141.00'

1080

1082

1084

1078

B52-2
1079.4

B53-2
1083.9

B54-2
1086.8

Wooded

B52-3
1075.8

6%

B53-3
1081.8

4%

B54-3
1085.8

2%

B53-1
1083.9

SB25

1086

B54-1
1086.9

Graded Area / Disturbed Soils

B52-1
1079.4

Graded Area / Disturbed Soils

52

53

54

284.16'

284.16'

141.00'

Serenity Dr.

Graded Area/
Disturbed Soils

73

72

Lot 53 of Stone Ridge Phase III
Village of Merton, Waukesha County
Drawn by: Morgan Butler IV, CST
Date: 12/14/2021 Scale: 1" = 60'

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:	Waukesha
Parcel ID:	MV 0262998005
Reviewed by:	Date:

Property Owner Halquist; C/O: SEH Inc.				Property Location NW¼, S30, T8N, R19E			
Property Owner's Mailing Address 501 Maple Avenue				Lot # 54	Block#	Subd. Name or CSM# Stone Ridge III	
City Delafield	State WI	Zip Code 53018	Phone Number 414.949.8962	Municipality: Village of Merton		Nearest Road: Ainsworth Road	
<input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Replacement		Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: <u>4</u> <input type="checkbox"/> Public or Commercial - Describe: _____		Code derived design flow rate: <u>600</u> GPD			
Parent Material: _____							
General Comments & Recommendations: Area suitable for mound system. Drawn box shows 110'x45' potential site.							

54-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1086.9</u> ft.	Depth to Limiting Factor: <u>30</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 8	7.5YR 3/2	-	I	2vfsbk	mfr	cs	1vf	0.6	0.8
2	8 - 13	7.5YR 5/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	13 - 30	7.5YR 4/4	-	grcl	1fsbk	mfr	gw	1vf	0.2	0.3
4	30 - 45	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 36"							

54-2	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1086.8</u> ft.	Depth to Limiting Factor: <u>24</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 7	7.5YR 3/2	-	I	2vfsbk	mfr	cs	1vf	0.6	0.8
2	7 - 24	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	24 - 41	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.7	1.6
			Roots to 30"							

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

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

CST Name (Please Print) Morgan Butler IV	Signature <i>Morgan Butler IV</i>	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted 12/14/2021	Telephone Number (262) 650 - 2000

County:	Waukesha
Parcel ID:	MV 0262998005

54-3 Boring #

Boring
 Pit

Ground Surface Elev.:
1085.8 ft.

Depth to Limiting Factor:
32 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 9	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	9 - 20	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	20 - 32	7.5YR 3/4	-	grcl	1fsbk	mfr	gw	1vf	0.2	0.3
4	32 - 45	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 28"							

57-1 Boring #

Boring
 Pit

Ground Surface Elev.:
1086.3 ft.

Depth to Limiting Factor:
14 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 8	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	8 - 14	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	14 - 36	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.2	0.6
			Roots to 26"							

55-1 Boring #

Boring
 Pit

Ground Surface Elev.:
1087.6 ft.

Depth to Limiting Factor:
30 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 8	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	8 - 24	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	24 - 30	7.5YR 3/4	-	grcl	1fsbk	mfr	gw	1vf	0.2	0.3
4	30 - 45	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 30"							

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

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

County:	Waukesha
Parcel ID:	MV 0262998005

53-2

Boring #

<input type="checkbox"/>	Boring
<input checked="" type="checkbox"/>	Pit

Ground Surface Elev.:
1083.9 ft.

Depth to Limiting Factor:
28 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 6	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	6 - 28	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	28 - 40	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.7	1.6
			Roots 36"							

SB24

Boring #

<input type="checkbox"/>	Boring
<input checked="" type="checkbox"/>	Pit

Ground Surface Elev.:
1087.6 ft.

Depth to Limiting Factor:
38 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 10	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	10 - 24	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	24 - 38	7.5YR 3/4	-	grscl	1fsbk	mfr	gw	1vf	0.2	0.3
4	38 - 76	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

Boring #

<input type="checkbox"/>	Boring
<input type="checkbox"/>	Pit

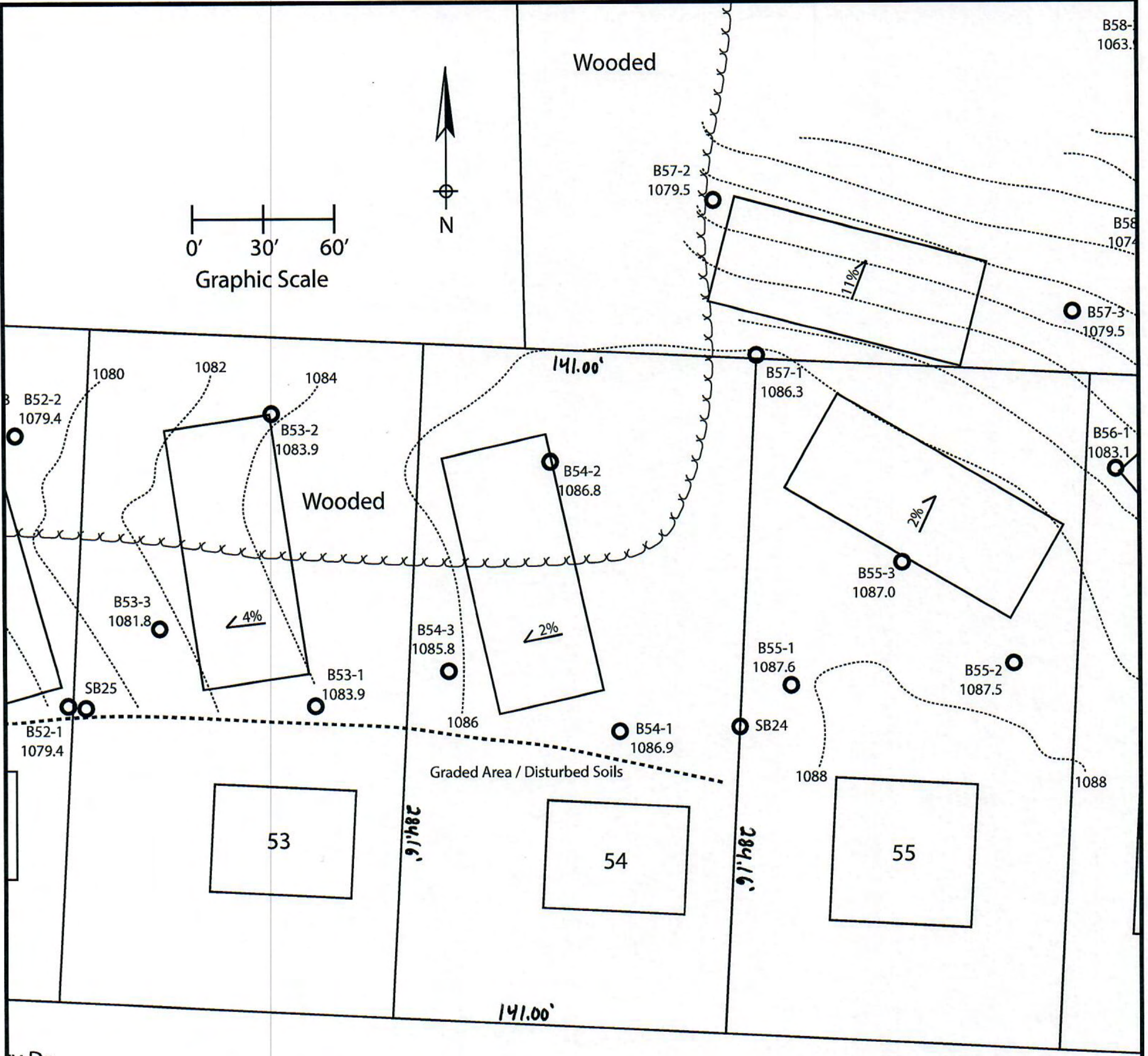
Ground Surface Elev.:
 _____ ft.

Depth to Limiting Factor:
 _____ in.

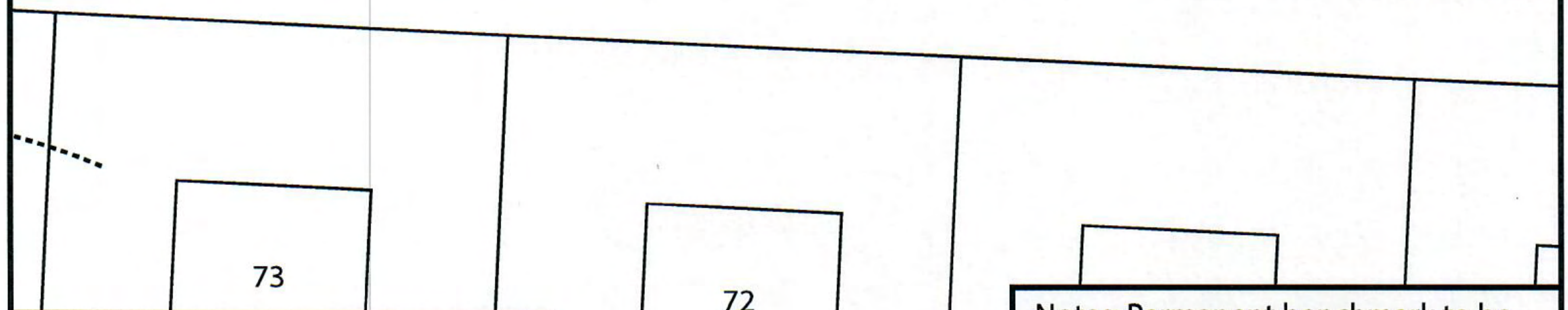
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

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

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



ty Dr. Serenity Drive



Lot 54 of Stone Ridge Phase III
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler IV, CST
 Date: 12/14/2021 Scale: 1" = 60'

Page 4/4

Notes: Permanent benchmark to be set on-site at later date; Temporary BM: PLSS ¼ Sec. Corner on Ainsworth Rd., approximately 60'W of Lot 16 westerly lot line. Elevation - 1058.64'

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: Waukesha	
Parcel ID: MV 0262998005	
Reviewed by:	Date:

Property Owner Halquist, C/O: SEH Inc.				Property Location NW¼, S30, T8N, R19E			
Property Owner's Mailing Address 501 Maple Avenue				Lot # 55	Block#	Subd. Name or CSM# Stone Ridge III	
City Delafield	State WI	Zip Code 53018	Phone Number 414.949.8962	Municipality: Village of Merton		Nearest Road: Ainsworth Road	
<input checked="" type="checkbox"/> New Construction		Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: <u>4</u>		Code derived design flow rate: <u>600</u> GPD			
<input type="checkbox"/> Replacement		<input type="checkbox"/> Public or Commercial - Describe: _____					
Parent Material: _____							
General Comments & Recommendations: Area suitable for mound system. Drawn box shows 110'x45' potential site.							

55-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1087.6</u> ft.	Depth to Limiting Factor: <u>30</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 8	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	8 - 24	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	24 - 30	7.5YR 3/4	-	grcl	1fsbk	mfr	gw	1vf	0.2	0.3
4	30 - 45	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 30"							

55-2	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1087.5</u> ft.	Depth to Limiting Factor: <u>30</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 16	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	16 - 30	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	30 - 38	7.5YR 3/4	f1f 10YR 5/8	grcl	1fsbk	mfr	gw	1vf	0.2	0.3
	38 - 45	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

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

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

CST Name (Please Print) Morgan Butler IV	Signature <i>Morgan Butler IV</i>	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted 12/14/2021	Telephone Number (262) 650 - 2000

County:	Waukesha
Parcel ID:	MV 0262998005

55-3 Boring #

Boring
 Pit

Ground Surface Elev.:
1087.0 ft.

Depth to Limiting Factor:
28 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 13	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	13 - 28	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	28 - 40	7.5YR 4/4	c1d 10YR 5/8, 6/2	cl	1fsbk	mfr	gw	1vf	0.2	0.3
			Roots to 33"							

56-1 Boring #

Boring
 Pit

Ground Surface Elev.:
1083.1 ft.

Depth to Limiting Factor:
18 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 6	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	6 - 18	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	18 - 40	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 30"							

57-1 Boring #

Boring
 Pit

Ground Surface Elev.:
1086.3 ft.

Depth to Limiting Factor:
14 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 8	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	8 - 14	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	14 - 36	7.5YR 6/4	f1f 10YR 5/8	grfsl	1fsbk	mfr	-	-	0.2	0.6
			Roots to 26"							

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

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

County: Waukesha
 Parcel ID: MV 0262998005

Boring # Boring Pit
 Ground Surface Elev.: 1087.6 ft. Depth to Limiting Factor: 38 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 10	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	10 - 24	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	24 - 38	7.5YR 3/4	-	grscl	1fsbk	mfr	gw	1vf	0.2	0.3
4	38 - 76	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

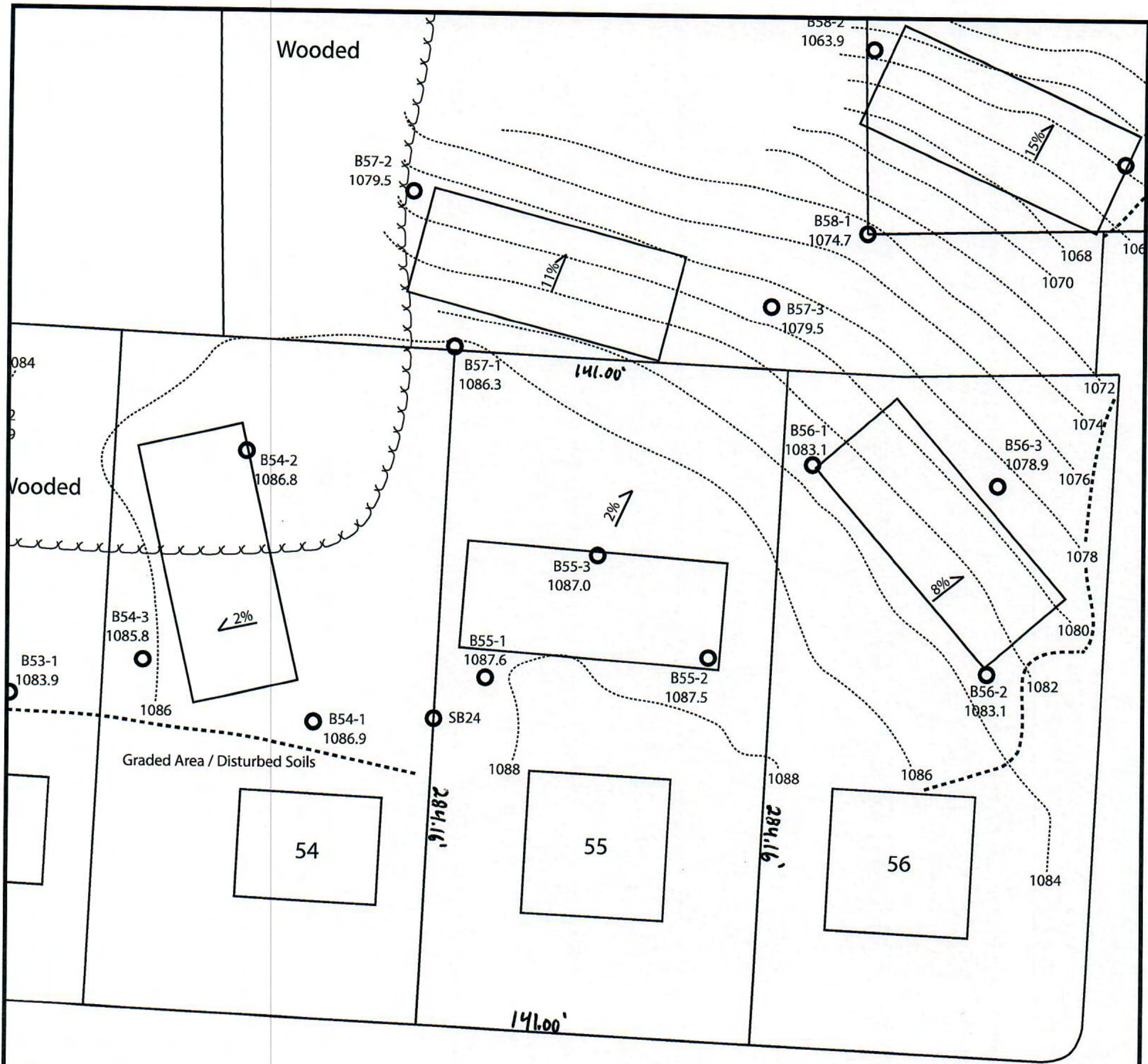
Boring # Boring Pit
 Ground Surface Elev.: _____ ft. Depth to Limiting Factor: _____ in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

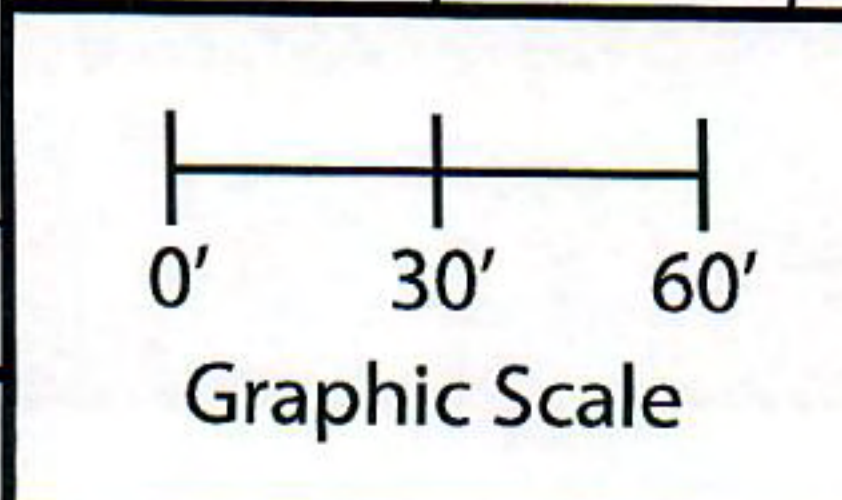
Boring # Boring Pit
 Ground Surface Elev.: _____ ft. Depth to Limiting Factor: _____ in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

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



Lot 55 of Stone Ridge Phase III
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler IV, CST
 Date: 12/14/2021 Scale: 1" = 60'



Notes: Permanent benchmark to be set on-site at later date; Temporary BM: PLSS ¼ Sec. Corner on Ainsworth Rd., approximately 60' W of Lot 16 westerly lot line. Elevation - 1058.64'

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:	Waukesha
Parcel ID:	MV 0262998005
Reviewed by:	Date:

Property Owner Halquist; C/O: SEH Inc.				Property Location NW¼, S30, T8N, R19E			
Property Owner's Mailing Address 501 Maple Avenue				Lot # 56	Block#	Subd. Name or CSM# Stone Ridge III	
City Delafield	State WI	Zip Code 53018	Phone Number 414.949.8962	Municipality: Village of Merton		Nearest Road: Ainsworth Road	
<input checked="" type="checkbox"/> New Construction		Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: <u>4</u>		Code derived design flow rate: <u>600</u> GPD			
<input type="checkbox"/> Replacement		<input type="checkbox"/> Public or Commercial - Describe: _____		Parent Material: _____			
General Comments & Recommendations: Area suitable for mound system. Drawn box shows 110'x45' potential site.							

56-1	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	<u>1083.1</u> ft.	<u>18</u> in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 6	7.5YR 3/2	-	I	2vfsbk	mfr	cs	1vf	0.6	0.8
2	6 - 18	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	18 - 40	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 30"							

56-2	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	<u>1083.1</u> ft.	<u>21</u> in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 9	7.5YR 3/2	-	I	2vfsbk	mfr	cs	1vf	0.6	0.8
2	9 - 21	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	21 - 39	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 30"							

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

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

CST Name (Please Print) Morgan Butler IV	Signature <i>Morgan Butler IV</i>	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted 12/14/2021	Telephone Number (262) 650 - 2000

County:	Waukesha
Parcel ID:	MV 0262998005

56-3 Boring #

Boring
 Pit

Ground Surface Elev.:
1078.9 ft.

Depth to Limiting Factor:
13 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 6	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	6 - 13	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	13 - 36	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 24"							

Boring #

Boring
 Pit

Ground Surface Elev.:
_____ ft.

Depth to Limiting Factor:
_____ in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

Boring #

Boring
 Pit

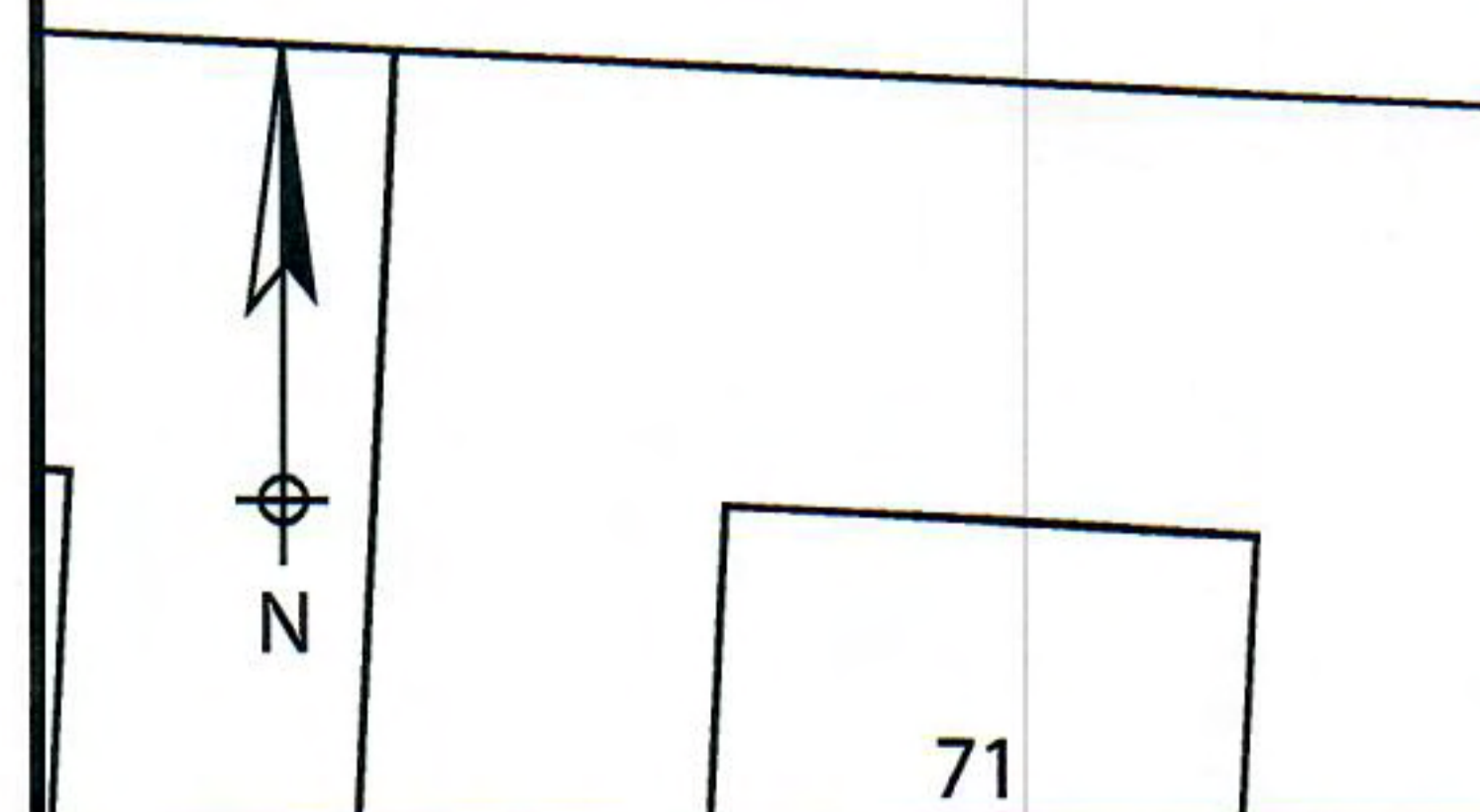
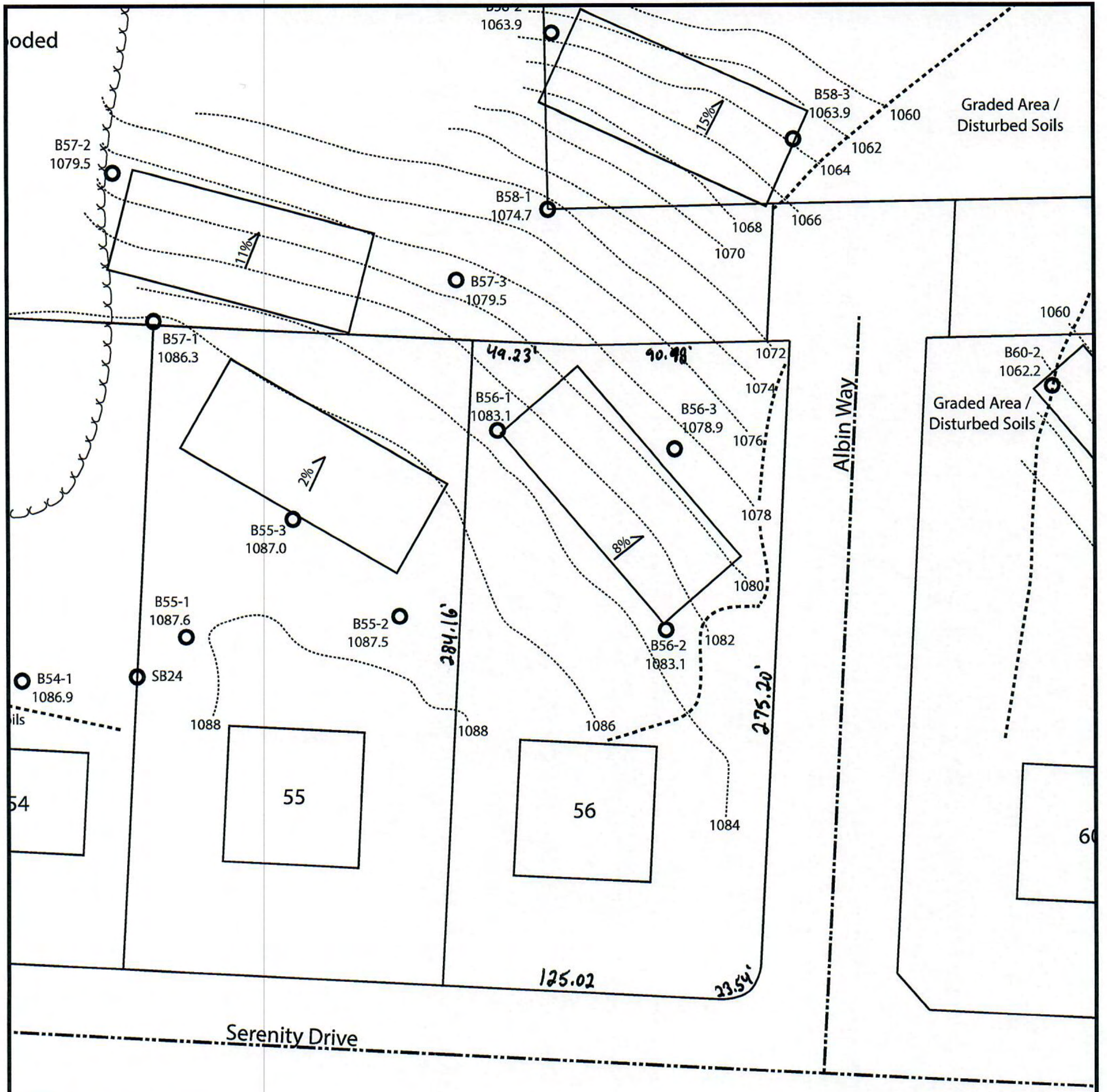
Ground Surface Elev.:
_____ ft.

Depth to Limiting Factor:
_____ in.

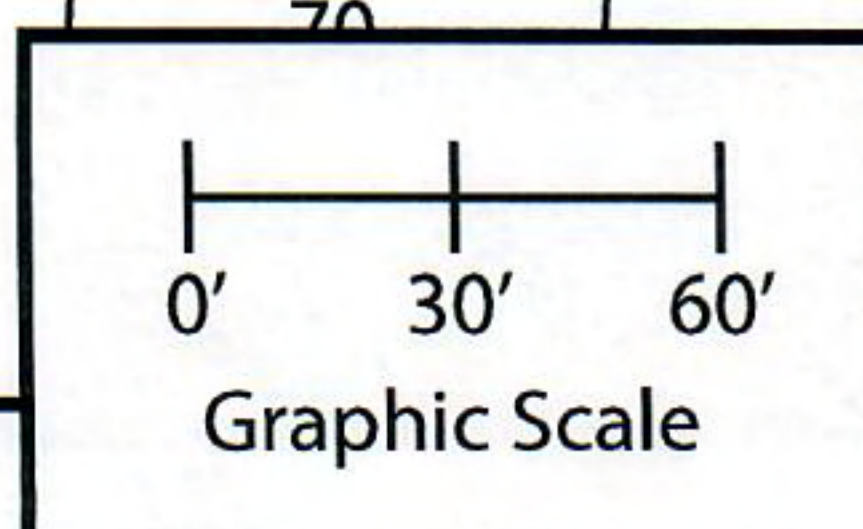
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

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

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



Lot 56 of Stone Ridge Phase III
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler IV, CST
 Date: 12/14/2021 Scale: 1" = 60'



Notes: Permanent benchmark to be set on-site at later date; Temporary BM: PLSS ¼ Sec. Corner on Ainsworth Rd., approximately 60' W of Lot 16 westerly lot line. Elevation - 1058.64'

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: <u>Waukesha</u>	
Parcel ID: <u>MV 0262998005</u>	
Reviewed by:	Date:

Property Owner <u>Halquist; C/O: SEH Inc.</u>				Property Location <u>NW¼, S30, T8N, R19E</u>			
Property Owner's Mailing Address <u>501 Maple Avenue</u>				Lot # <u>57</u>	Block#	Subd. Name or CSM# <u>Stone Ridge III</u>	
City <u>Delafield</u>	State <u>WI</u>	Zip Code <u>53018</u>	Phone Number <u>414.949.8962</u>	Municipality: <u>Village of Merton</u>		Nearest Road: <u>Ainsworth Road</u>	
<input checked="" type="checkbox"/> New Construction		Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: <u>4</u>		Code derived design flow rate: <u>600</u> GPD			
<input type="checkbox"/> Replacement		<input type="checkbox"/> Public or Commercial - Describe: _____		Parent Material: _____			
General Comments & Recommendations: <u>Area suitable for mound system. Drawn box shows 110'x45' potential site.</u>							

<u>57-1</u> Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1086.3</u> ft.	Depth to Limiting Factor: <u>14</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 8	7.5YR 3/2	-	I	2vfsbk	mfr	cs	1vf	0.6	0.8
2	8 - 14	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	14 - 36	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.2	0.6
			Roots to 26"							

<u>57-2</u> Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1079.5</u> ft.	Depth to Limiting Factor: <u>22</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 6	7.5YR 3/2	-	I	2vfsbk	mfr	cs	1vf	0.6	0.8
2	6 - 16	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	16 - 22	7.5YR 3/4	-	grcl	1fsbk	mfr	gw	1vf	0.2	0.3
4	22 - 40	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 30"							

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

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

CST Name (Please Print) <u>Morgan Butler IV</u>	Signature 	CST Number <u>1357852</u>
Address <u>N679 Tamarack Rd. Palmyra, WI 53156</u>	Date Evaluation Conducted <u>12/14/2021</u>	Telephone Number <u>(262) 650 - 2000</u>

County: Waukesha
Parcel ID: MV 0262998005

57-3 Boring # Boring Pit Ground Surface Elev.: 1079.5 ft. Depth to Limiting Factor: 18 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 7	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	7 - 18	7.5YR 4/4	-	grscl	2fsbk	mfr	cw	1vf	0.4	0.6
3	18 - 36	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 26"							

SB17 Boring # Boring Pit Ground Surface Elev.: 1053.1 ft. Depth to Limiting Factor: 32 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 6	7.5YR 3/2	-	l	2fsbk	mfr	cw	1vf	0.6	0.8
2	6 - 32	7.5YR 4/4	-	cl	2fsbk	mfr	cw	-	0.4	0.6
3	32 - 64	7.5YR 6/4	c2d 10YR 5/8, 6/2	sicl	1fsbk	mfr	gw	-	0.2	0.3
4	64 - 96	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

58-1 Boring # Boring Pit Ground Surface Elev.: 1074.7 ft. Depth to Limiting Factor: 18 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 8	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	8 - 18	7.5YR 4/4	-	grscl	2fsbk	mfr	cw	1vf	0.4	0.6
3	18 - 45	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 30"							

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

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

County:	Waukesha
Parcel ID:	MV 0262998005

<input type="checkbox"/> Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
58-2	<input checked="" type="checkbox"/> Pit	1063.9 ft.	24 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 8	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	8 - 24	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	24 - 32	7.5YR 3/4	f1f 10YR 5/8	grcl	1fsbk	mfr	gw	1vf	0.2	0.3
4	32 - 45	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 28"							

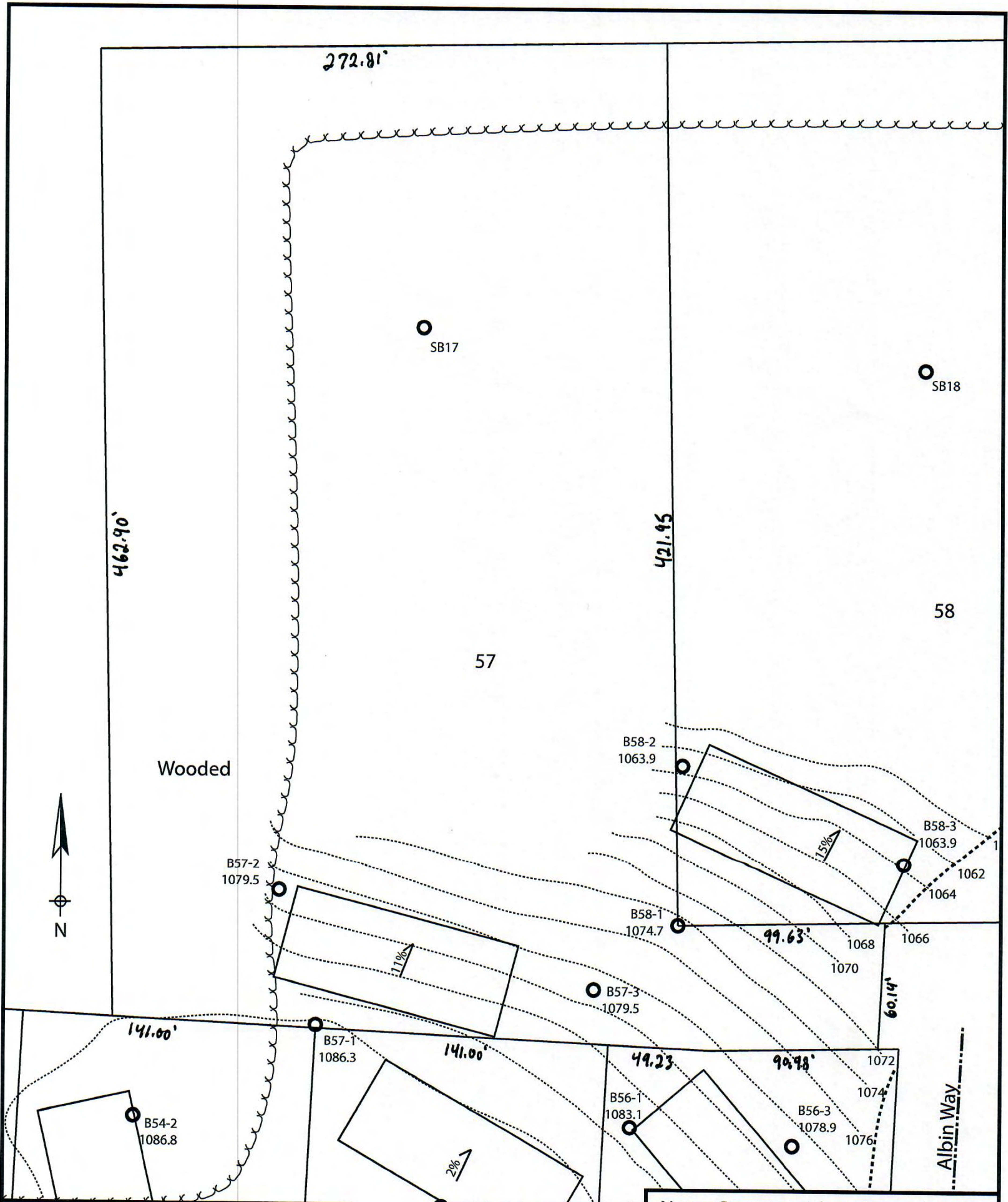
<input type="checkbox"/> Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
	<input type="checkbox"/> Pit	_____ ft.	_____ in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

<input type="checkbox"/> Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
	<input type="checkbox"/> Pit	_____ ft.	_____ in.

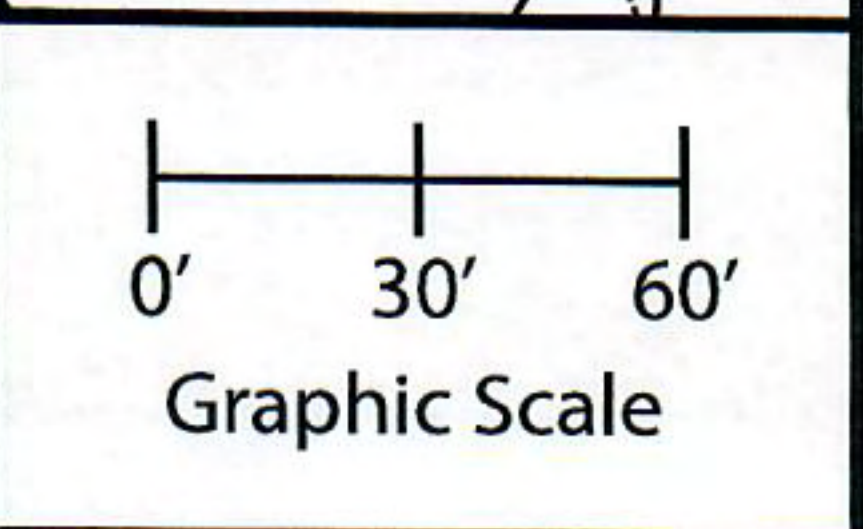
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

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



Lot 57 of Stone Ridge Phase III
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler IV, CST
 Date: 12/14/2021 Scale: 1" = 60'

B55-3
 1087.0
 Page 4/4



Notes: Permanent benchmark to be set on-site at later date; Temporary BM: PLSS 1/4 Sec. Corner on Ainsworth Rd., approximately 60' W of Lot 16 westerly lot line. Elevation - 1058.64'

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:	Waukesha
Parcel ID:	MV 0262998005
Reviewed by:	Date:

Property Owner Halquist; C/O: SEH Inc.				Property Location NW¼, S30, T8N, R19E			
Property Owner's Mailing Address 501 Maple Avenue				Lot # 58	Block#	Subd. Name or CSM# Stone Ridge III	
City Delafield	State WI	Zip Code 53018	Phone Number 414.949.8962	Municipality: Village of Merton		Nearest Road: Ainsworth Road	
<input checked="" type="checkbox"/> New Construction		Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: <u>4</u>		Code derived design flow rate: <u>600</u> GPD			
<input type="checkbox"/> Replacement		<input type="checkbox"/> Public or Commercial - Describe: _____		Parent Material: _____			
General Comments & Recommendations: Area suitable for mound system. Drawn box shows 110'x45' potential site.							

58-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1074.7</u> ft.	Depth to Limiting Factor: <u>18</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 8	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	8 - 18	7.5YR 4/4	-	grscl	2fsbk	mfr	cw	1vf	0.4	0.6
3	18 - 45	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 30"							

58-2	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1063.9</u> ft.	Depth to Limiting Factor: <u>24</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 8	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	8 - 24	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	24 - 32	7.5YR 3/4	f1f 10YR 5/8	grcl	1fsbk	mfr	gw	1vf	0.2	0.3
4	32 - 45	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 28"							

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

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

CST Name (Please Print) Morgan Butler IV	Signature <i>Morgan Butler</i>	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted 12/14/2021	Telephone Number (262) 650 - 2000

County: Waukesha
 Parcel ID: MV 0262998005

58-3 Boring #

Boring
 Pit

Ground Surface Elev.:
1063.9 ft.

Depth to Limiting Factor:
24 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 9	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	9 - 15	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	15 - 24	7.5YR 3/4	-	grcl	1fsbk	mfr	gw	1vf	0.2	0.3
4	24 - 45	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 28"							

SB18 Boring #

Boring
 Pit

Ground Surface Elev.:
1046.2 ft.

Depth to Limiting Factor:
0 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 7	7.5YR 3/2	-	l	2vsbk	mfr	gw	1vf	0.6	0.8
2	7 - 19	7.5YR 2/2	f1f 10YR 5/8	l	2fsbk	mfr	gw	-	0.6	0.8
3	19 - 28	7.5YR 5/4	f1f 10YR 5/8, 6/2	cl	1fsbk	mfr	gw	-	0.2	0.3
4	28 - 50	7.5YR 4/1	c2d 10YR 5/8	cl	1fsbk	mfr	cw	-	0.2	0.3
5	50 - 84	7.5YR 3/4	m2p 10YR 5/8, 6/2	grsl	1fsbk	mfr	gw	-	0.4	0.7
6	84 - 96	7.5YR 5/4	c2d 10YR 5/8	grls	0sg	ml	-	-	0.7	1.6
			Seeping @ 48"							

Boring #

Boring
 Pit

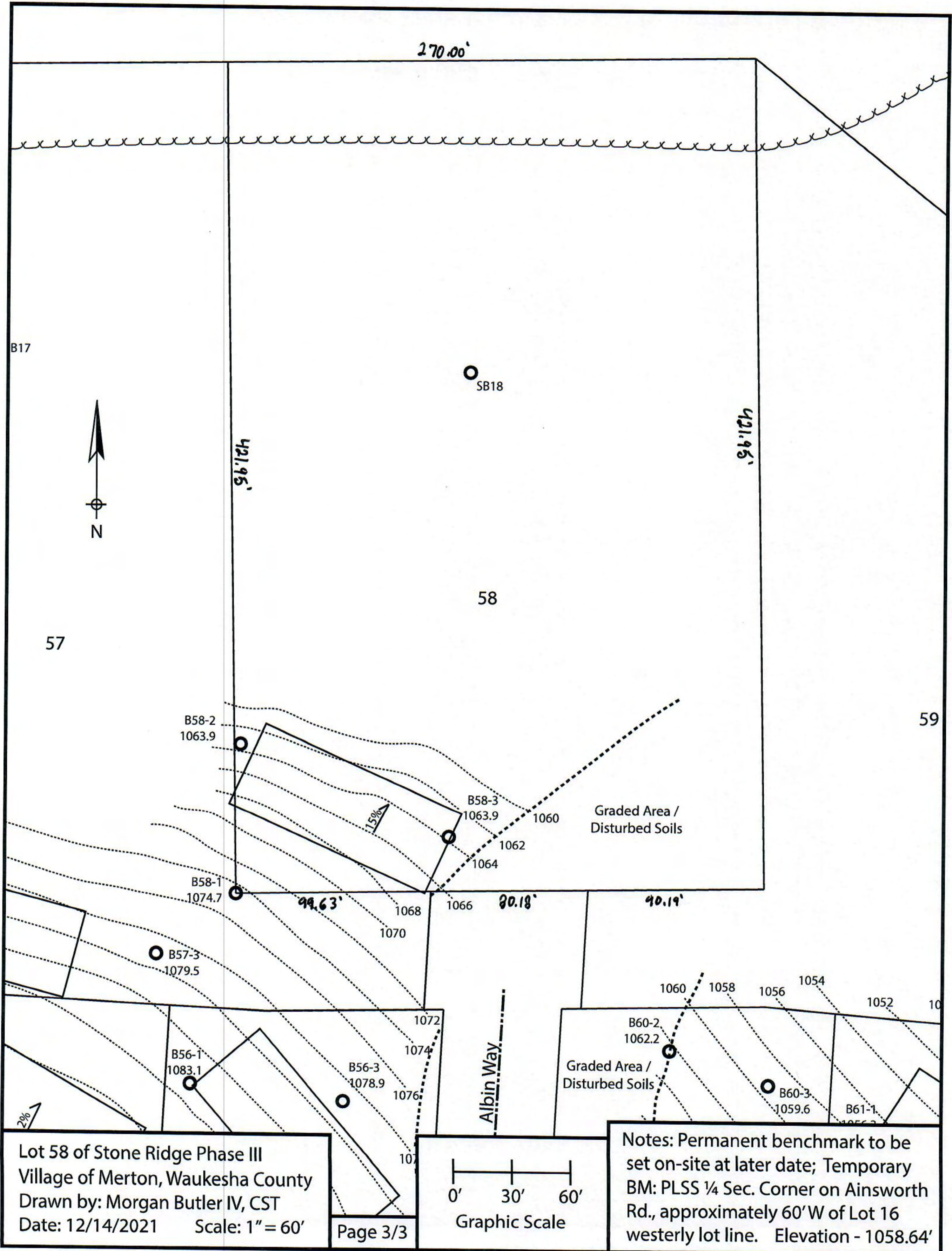
Ground Surface Elev.:
 _____ ft.

Depth to Limiting Factor:
 _____ in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

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

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



270.00'

B17



421.95'

SB18

421.95'

58

57

59

B58-2
1063.9

B58-3
1063.9

Graded Area /
Disturbed Soils

B58-1
1074.7

99.63'

80.18'

90.19'

B57-3
1079.5

1068
1070

B56-1
1083.1

B56-3
1078.9

Albin Way

B60-2
1062.2

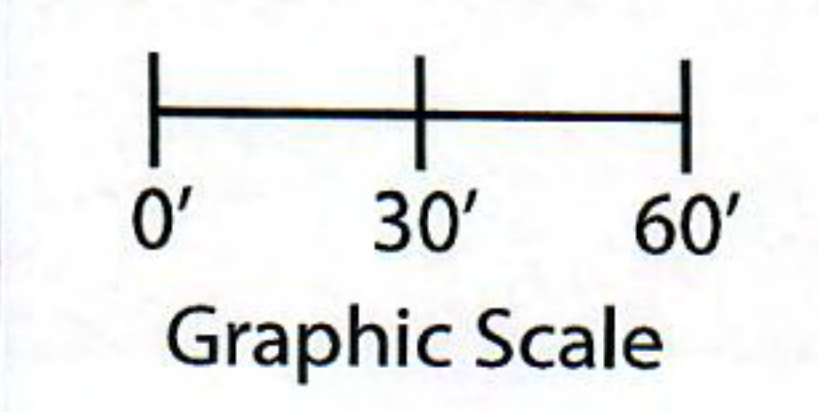
Graded Area /
Disturbed Soils

B60-3
1059.6

B61-1
1056.3

Lot 58 of Stone Ridge Phase III
Village of Merton, Waukesha County
Drawn by: Morgan Butler IV, CST
Date: 12/14/2021 Scale: 1" = 60'

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Notes: Permanent benchmark to be set on-site at later date; Temporary BM: PLSS ¼ Sec. Corner on Ainsworth Rd., approximately 60' W of Lot 16 westerly lot line. Elevation - 1058.64'

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.

County: <u>Waukesha</u>	
Parcel ID: <u>MV 0262998005</u>	
Reviewed by:	Date:

Please print all information

Personal information you provide may be used for secondary purposes (Privacy Law, s. 15.04(1)(m)).

Property Owner <u>Halquist, C/O: SEH Inc.</u>				Property Location <u>NW¼, S30, T8N, R19E</u>			
Property Owner's Mailing Address <u>501 Maple Avenue</u>				Lot # <u>59</u>	Block#	Subd. Name or CSM# <u>Stone Ridge III</u>	
City <u>Delafield</u>	State <u>WI</u>	Zip Code <u>53018</u>	Phone Number <u>414.949.8962</u>	Municipality: <u>Village of Merton</u>		Nearest Road: <u>Ainsworth Road</u>	
<input checked="" type="checkbox"/> New Construction		Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: <u>4</u>		Code derived design flow rate: <u>600 GPD</u>			
<input type="checkbox"/> Replacement		<input type="checkbox"/> Public or Commercial - Describe: _____					
Parent Material: _____							
General Comments & Recommendations: <u>Area suitable for mound system. Drawn box shows 110'x45' potential site.</u>							

<u>59-1</u> Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1044.7 ft.</u>	Depth to Limiting Factor: <u>24 in.</u>
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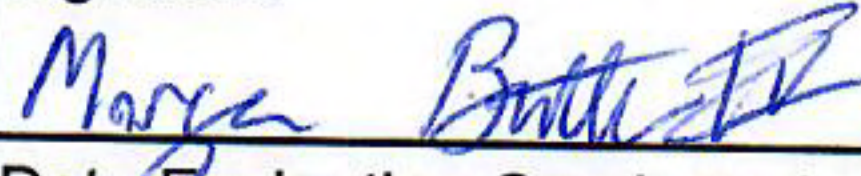
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 10	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	10 - 24	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	24 - 32	7.5YR 3/4	f1f 10YR 5/8	grcl	1fsbk	mfr	gw	1vf	0.2	0.3
4	32 - 45	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 30"							

<u>59-2</u> Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1039.7 ft.</u>	Depth to Limiting Factor: <u>20 in.</u>
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 7	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	7 - 20	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	20 - 40	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 25"							

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

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

CST Name (Please Print) <u>Morgan Butler IV</u>	Signature 	CST Number <u>1357852</u>
Address <u>N679 Tamarack Rd. Palmyra, WI 53156</u>	Date Evaluation Conducted <u>12/14/2021</u>	Telephone Number <u>(262) 650 - 2000</u>

County: Waukesha
Parcel ID: MV 0262998005

59-3

Boring #

Boring
 Pit

Ground Surface Elev.:
1039.7 ft.

Depth to Limiting Factor:
30 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 8	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	8 - 20	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	20 - 30	7.5YR 3/4	-	grcl	1fsbk	mfr	gw	1vf	0.2	0.3
4	30 - 45	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 28"							

SB19

Boring #

Boring
 Pit

Ground Surface Elev.:
1036.4 ft.

Depth to Limiting Factor:
53 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 15	7.5YR 3/2	-	sil	2fsbk	mfr	cw	1vf	0.6	0.8
2	15 - 36	7.5YR 4/4	-	cl	2fsbk	mfr	gw	1vf	0.4	0.6
3	36 - 53	7.5YR 4/4	-	sicl	1fsbk	mvfr	cw	-	0.2	0.3
4	53 - 62	7.5YR 5/4	f1f 10YR 5/8	grsicl	1fsbk	mfr	gw	-	0.2	0.3
5	62 - 101	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Saturated @ 54"							

Boring #

Boring
 Pit

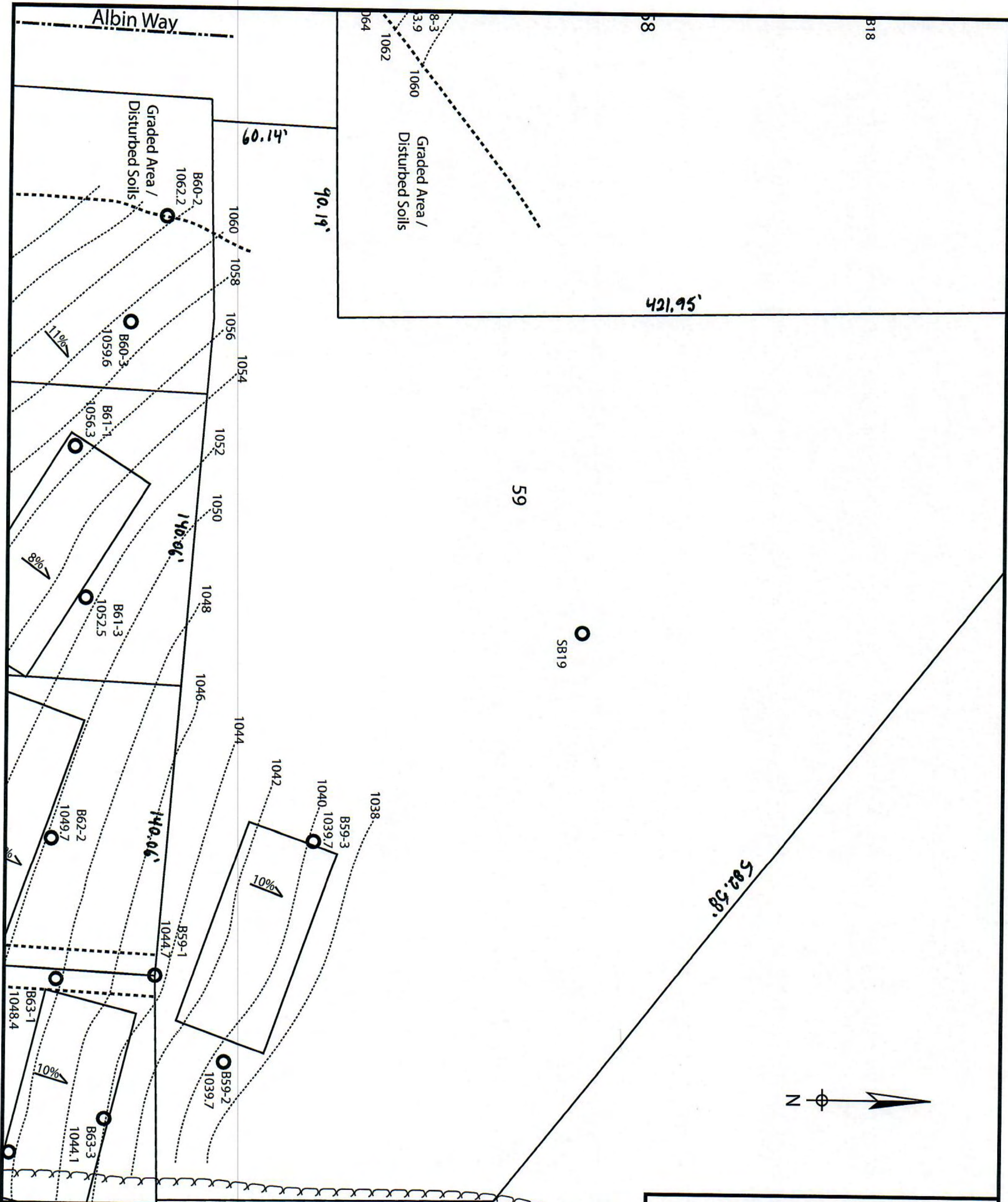
Ground Surface Elev.:
_____ ft.

Depth to Limiting Factor:
_____ in.

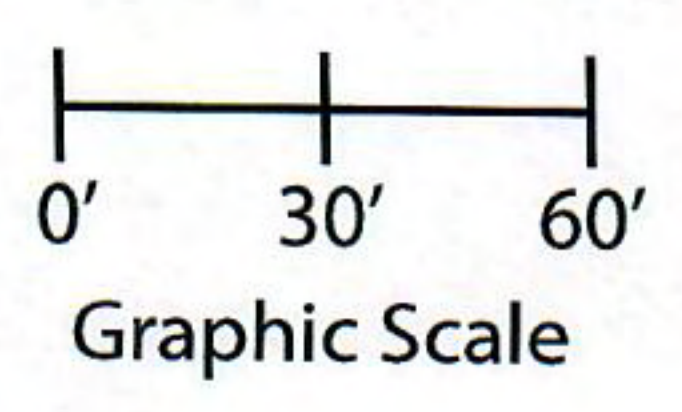
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

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

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



Lot 59 of Stone Ridge Phase III
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler IV, CST
 Date: 12/14/2021 Scale: 1" = 60'



Notes: Permanent benchmark to be set on-site at later date; Temporary BM: PLSS ¼ Sec. Corner on Ainsworth Rd., approximately 60' W of Lot 16 westerly lot line. Elevation - 1058.64'

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:	Waukesha
Parcel ID:	MV 0262998005
Reviewed by:	Date:

Property Owner Halquist; C/O: SEH Inc.				Property Location NW¼, S30, T8N, R19E			
Property Owner's Mailing Address 501 Maple Avenue				Lot # 60	Block#	Subd. Name or CSM# Stone Ridge III	
City Delafield	State WI	Zip Code 53018	Phone Number 414.949.8962	Municipality: Village of Merton		Nearest Road: Ainsworth Road	
<input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Replacement		Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: <u>4</u> <input type="checkbox"/> Public or Commercial - Describe: _____		Code derived design flow rate: <u>600</u> GPD			
Parent Material: _____							
General Comments & Recommendations: Area suitable for mound system. Drawn box shows 95'x30' potential site.							

60-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1062.2</u> ft.	Depth to Limiting Factor: <u>17</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 9	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	9 - 17	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	17 - 36	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 24"							

60-2	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1062.2</u> ft.	Depth to Limiting Factor: <u>16</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 9	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	9 - 16	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	16 - 36	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 20"							

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

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

CST Name (Please Print) Morgan Butler IV	Signature <i>Morgan Butler</i>	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted 12/14/2021	Telephone Number (262) 650 - 2000

County: Waukesha
 Parcel ID: MV 0262998005

Boring # 60-3 Pit Boring Ground Surface Elev.: 1059.6 ft. Depth to Limiting Factor: 24 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 9	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	9 - 24	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	24 - 40	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 32"							

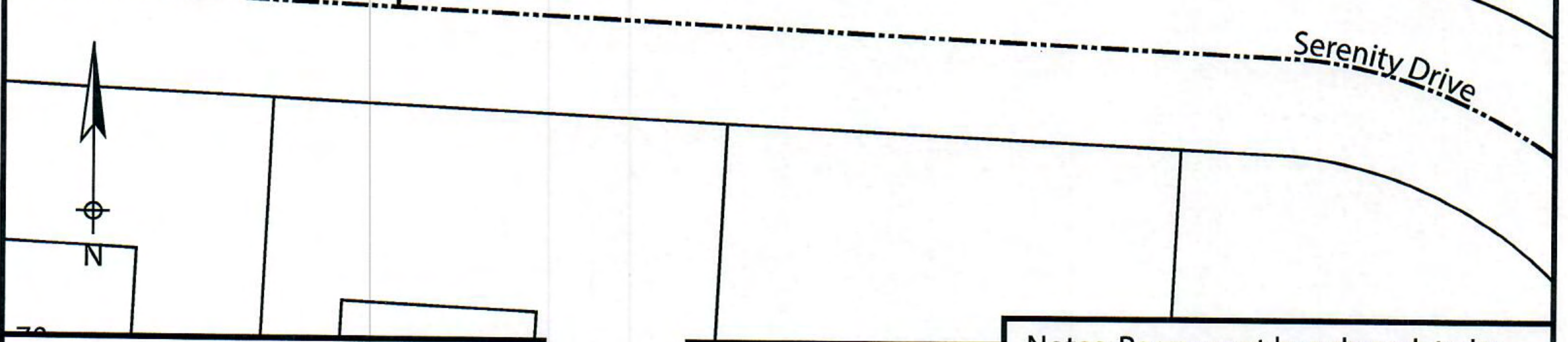
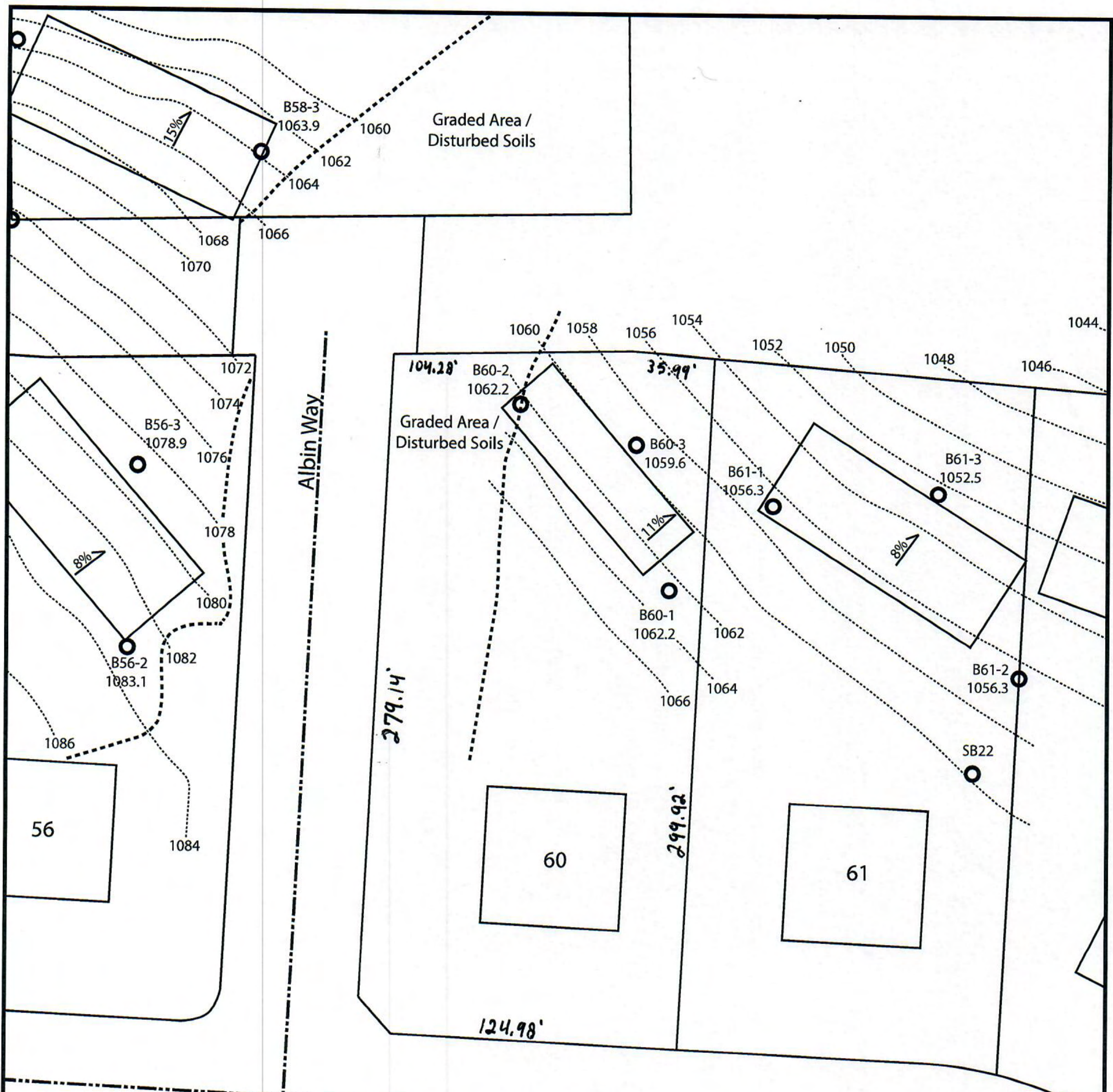
Boring # Boring Ground Surface Elev.: _____ ft. Depth to Limiting Factor: _____ in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

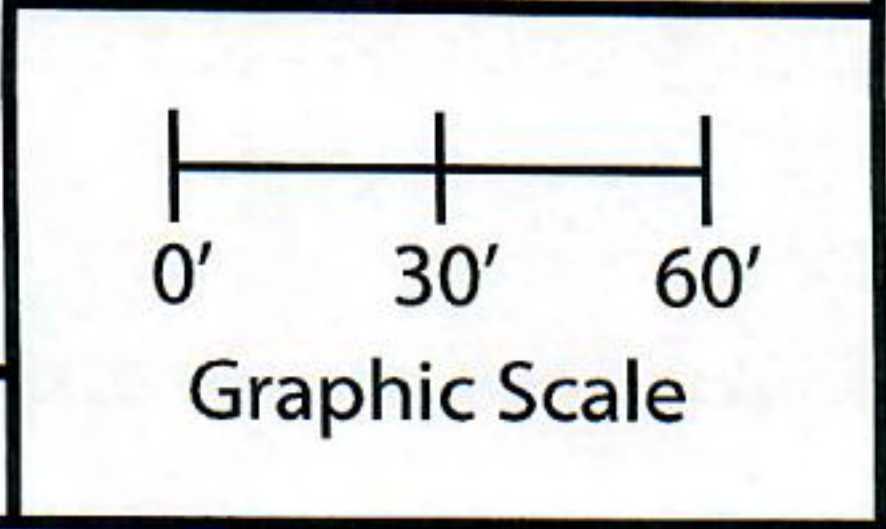
Boring # Pit Boring Ground Surface Elev.: _____ ft. Depth to Limiting Factor: _____ in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

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



Lot 60 of Stone Ridge Phase III
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler IV, CST
 Date: 12/14/2021 Scale: 1" = 60'



Notes: Permanent benchmark to be set on-site at later date; Temporary BM: PLSS ¼ Sec. Corner on Ainsworth Rd., approximately 60' W of Lot 16 westerly lot line. Elevation - 1058.64'

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: <u>Waukesha</u>	
Parcel ID: <u>MV 0262998005</u>	
Reviewed by:	Date:

Property Owner <u>Halquist, C/O: SEH Inc.</u>				Property Location <u>NW¼, S30, T8N, R19E</u>		
Property Owner's Mailing Address <u>501 Maple Avenue</u>				Lot # <u>61</u>	Block#	Subd. Name or CSM# <u>Stone Ridge III</u>
City <u>Delafield</u>	State <u>WI</u>	Zip Code <u>53018</u>	Phone Number <u>414.949.8962</u>	Municipality: <u>Village of Merton</u>	Nearest Road: <u>Ainsworth Road</u>	
<input checked="" type="checkbox"/> New Construction Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: <u>4</u> Code derived design flow rate: <u>600</u> GPD <input type="checkbox"/> Replacement <input type="checkbox"/> Public or Commercial - Describe: _____ Parent Material: _____		General Comments & Recommendations: <u>Area suitable for mound system. Drawn box shows 110'x45' potential site.</u>				

<u>61-1</u> Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1056.3</u> ft.	Depth to Limiting Factor: <u>19</u> in.
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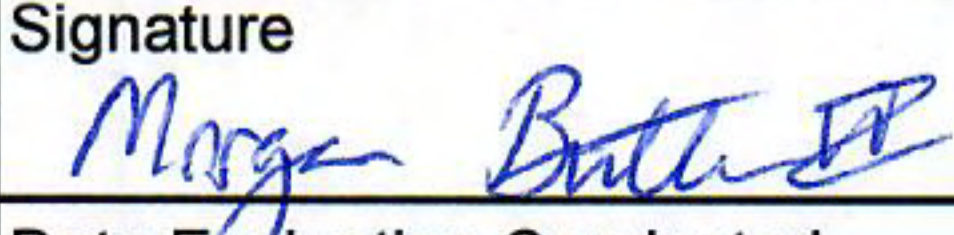
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 9	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	9 - 19	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	19 - 40	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 27"							

<u>61-2</u> Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1056.3</u> ft.	Depth to Limiting Factor: <u>26</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 9	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	9 - 15	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	15 - 26	7.5YR 3/4	-	grcl	1fsbk	mfr	gw	1vf	0.2	0.3
4	26 - 45	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 30"							

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

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

CST Name (Please Print) <u>Morgan Butler IV</u>	Signature 	CST Number <u>1357852</u>
Address <u>N679 Tamarack Rd. Palmyra, WI 53156</u>	Date Evaluation Conducted <u>12/14/2021</u>	Telephone Number <u>(262) 650 - 2000</u>

County:	Waukesha
Parcel ID:	MV 0262998005

61-3	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit		

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 9	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	9 - 22	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	22 - 45	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 30"							

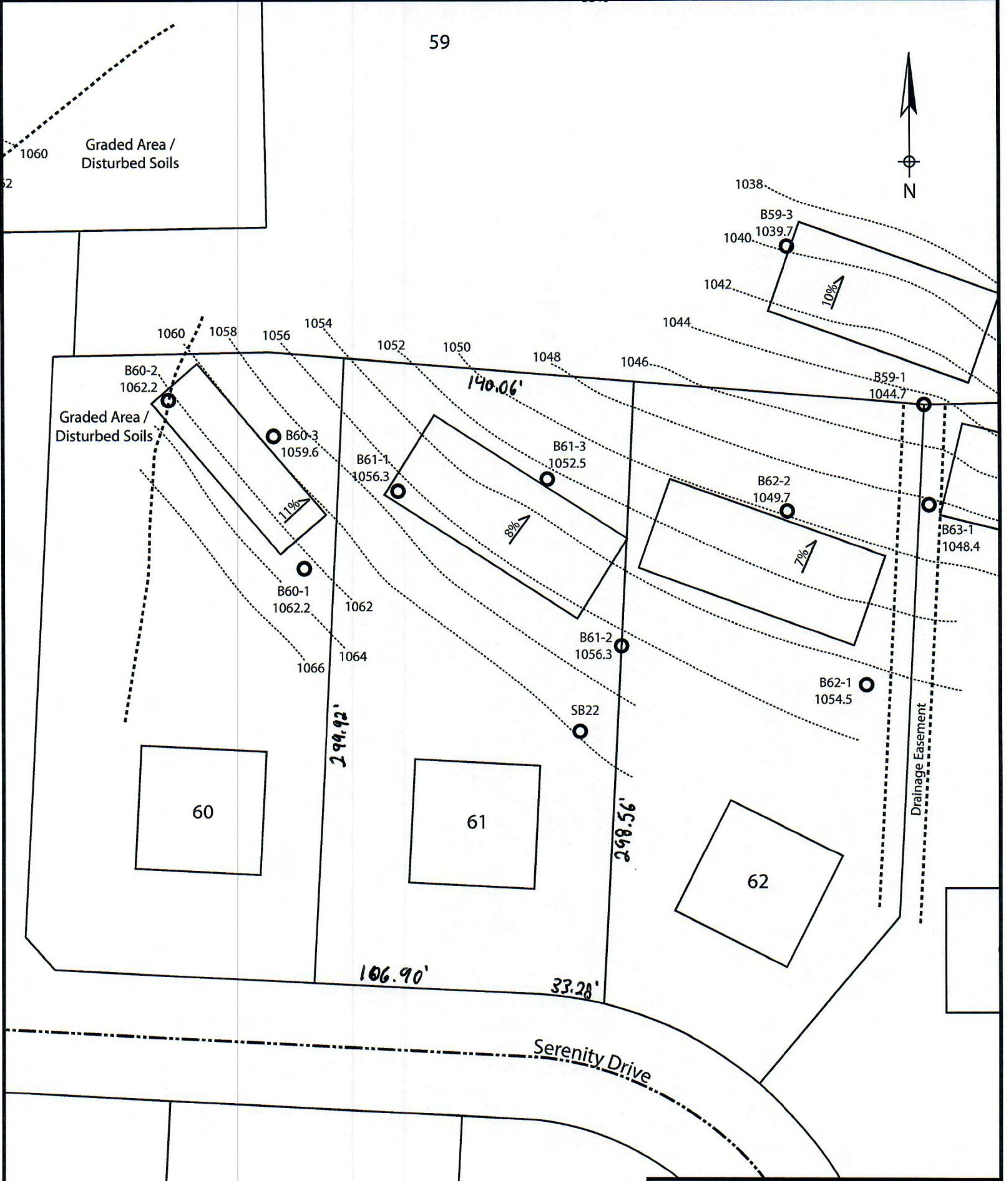
	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input type="checkbox"/> Pit		

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

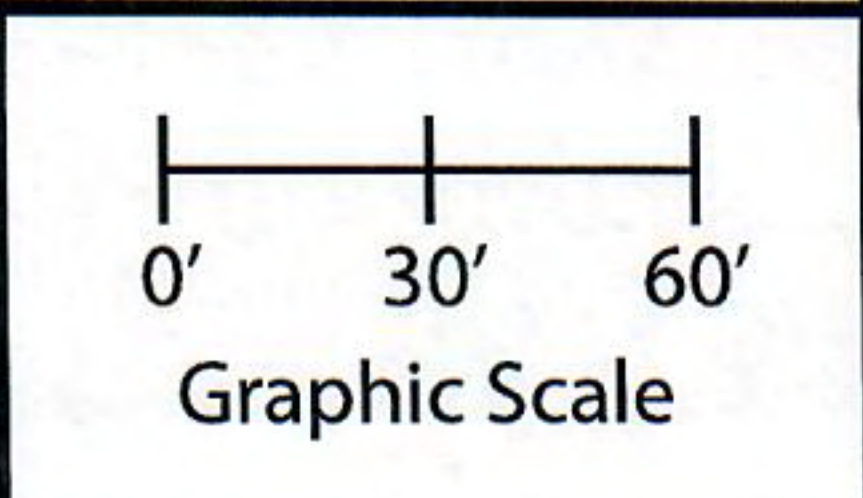
	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit		

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

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



Lot 61 of Stone Ridge Phase III
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler IV, CST
 Date: 12/14/2021 Scale: 1" = 60'



Notes: Permanent benchmark to be set on-site at later date; Temporary BM: PLSS ¼ Sec. Corner on Ainsworth Rd., approximately 60' W of Lot 16 westerly lot line. Elevation - 1058.64'

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:	Waukesha
Parcel ID:	MV 0262998005
Reviewed by:	Date:

Property Owner Halquist, C/O: SEH Inc.				Property Location NW¼, S30, T8N, R19E			
Property Owner's Mailing Address 501 Maple Avenue				Lot # 62	Block#	Subd. Name or CSM# Stone Ridge III	
City Delafield	State WI	Zip Code 53018	Phone Number 414.949.8962	Municipality: Village of Merton		Nearest Road: Ainsworth Road	
<input checked="" type="checkbox"/> New Construction Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: <u>4</u> Code derived design flow rate: <u>600</u> GPD <input type="checkbox"/> Replacement <input type="checkbox"/> Public or Commercial - Describe: _____ Parent Material: _____							
General Comments & Recommendations: Area suitable for mound system. Drawn box shows 110'x45' potential site.							

62-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1054.5</u> ft.	Depth to Limiting Factor: <u>22</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 10	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	10 - 22	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	22 - 45	7.5YR 6/4	m1d 10YR 5/8, 6/2	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 24"							

61-2	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1056.3</u> ft.	Depth to Limiting Factor: <u>26</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 9	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	9 - 15	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	15 - 26	7.5YR 3/4	-	grcl	1fsbk	mfr	gw	1vf	0.2	0.3
4	26 - 45	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 30"							

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

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

CST Name (Please Print) Morgan Butler IV	Signature <i>Morgan Butler IV</i>	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted 12/14/2021	Telephone Number (262) 650 - 2000

County:	Waukesha
Parcel ID:	MV 0262998005

<input type="checkbox"/> Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
62-3	<input checked="" type="checkbox"/> Pit	1049.7 ft.	18 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 8	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	8 - 18	7.5YR 3/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	18 - 40	7.5YR 6/4	c1d 10YR 5/8, 6/2	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 25"							

<input type="checkbox"/> Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
	<input type="checkbox"/> Pit	_____ ft.	_____ in.

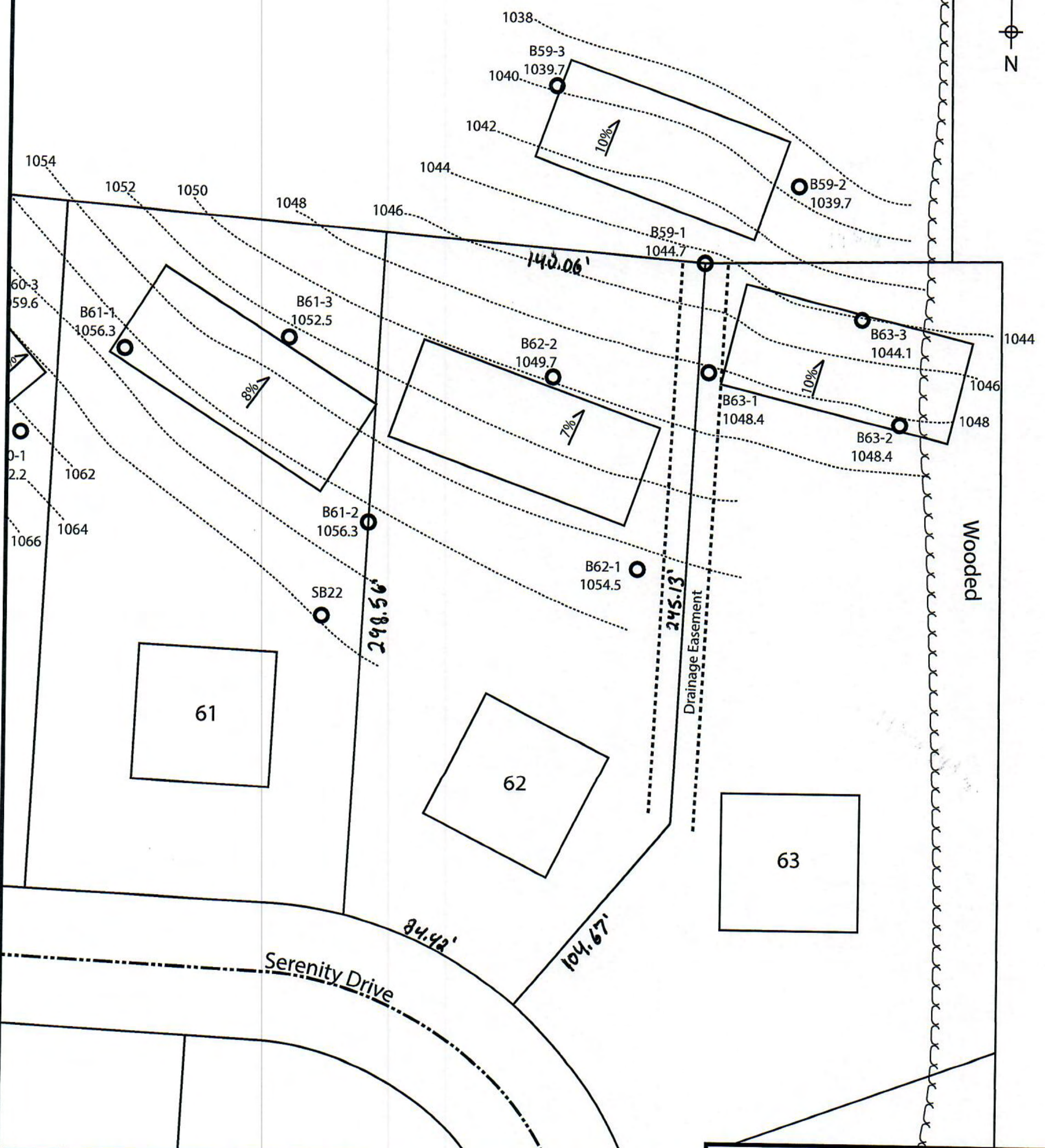
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

<input type="checkbox"/> Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
	<input checked="" type="checkbox"/> Pit	_____ ft.	_____ in.

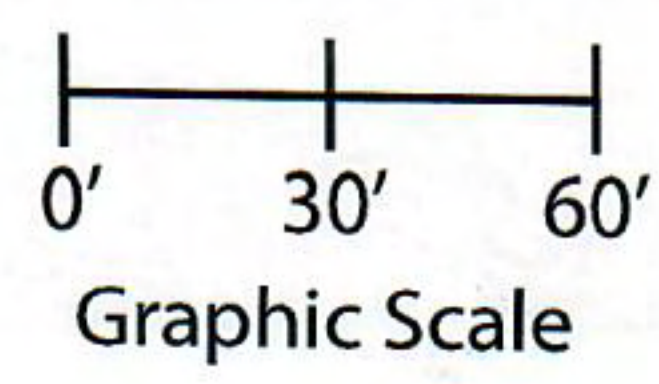
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

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

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



Lot 62 of Stone Ridge Phase III
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler IV, CST
 Date: 12/14/2021 Scale: 1" = 60'



Notes: Permanent benchmark to be set on-site at later date; Temporary BM: PLSS ¼ Sec. Corner on Ainsworth Rd., approximately 60' W of Lot 16 westerly lot line. Elevation - 1058.64'

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.

County:	Waukesha
Parcel ID:	MV 0262998005
Reviewed by:	Date:

Please print all information

Personal information you provide may be used for secondary purposes (Privacy Law, s. 15.04(1)(m)).

Property Owner Halquist, C/O: SEH Inc.				Property Location NW¼, S30, T8N, R19E			
Property Owner's Mailing Address 501 Maple Avenue				Lot # 63	Block#	Subd. Name or CSM# Stone Ridge III	
City Delafield	State WI	Zip Code 53018	Phone Number 414.949.8962	Municipality: Village of Merton		Nearest Road: Ainsworth Road	
<input checked="" type="checkbox"/> New Construction Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: <u>4</u> Code derived design flow rate: <u>600</u> GPD <input type="checkbox"/> Replacement <input type="checkbox"/> Public or Commercial - Describe: _____ Parent Material: _____							
General Comments & Recommendations: Area suitable for mound system. Drawn box shows 105'x45' potential site.							

63-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1048.4</u> ft.	Depth to Limiting Factor: <u>16</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 7	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	7 - 16	7.5YR 3/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	16 - 40	7.5YR 6/4	c1d 10YR 5/8, 6/2	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 25"							

63-2	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1048.4</u> ft.	Depth to Limiting Factor: <u>17</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 9	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	9 - 17	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	17 - 36	7.5YR 3/4	c1f 10YR 5/8	grsil	1fsbk	mfr	-	-	0.4	0.6
			Roots to 26"							

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

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

CST Name (Please Print) Morgan Butler IV	Signature <i>Morgan Butler IV</i>	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted 12/14/2021	Telephone Number (262) 650 - 2000

County: Waukesha
 Parcel ID: MV 0262998005

63-3

Boring #

Boring
 Pit

Ground Surface Elev.:
1044.1 ft.

Depth to Limiting Factor:
27 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 7	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	7 - 18	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	18 - 27	7.5YR 5/4	-	grscl	1fsbk	mfr	gw	1vf	0.2	0.3
4	27 - 40	7.5YR 6/4	c1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

59-1

Boring #

Boring
 Pit

Ground Surface Elev.:
1044.7 ft.

Depth to Limiting Factor:
24 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 10	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	10 - 24	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	24 - 32	7.5YR 3/4	f1f 10YR 5/8	grcl	1fsbk	mfr	gw	1vf	0.2	0.3
4	32 - 45	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 30"							

Boring #

Boring
 Pit

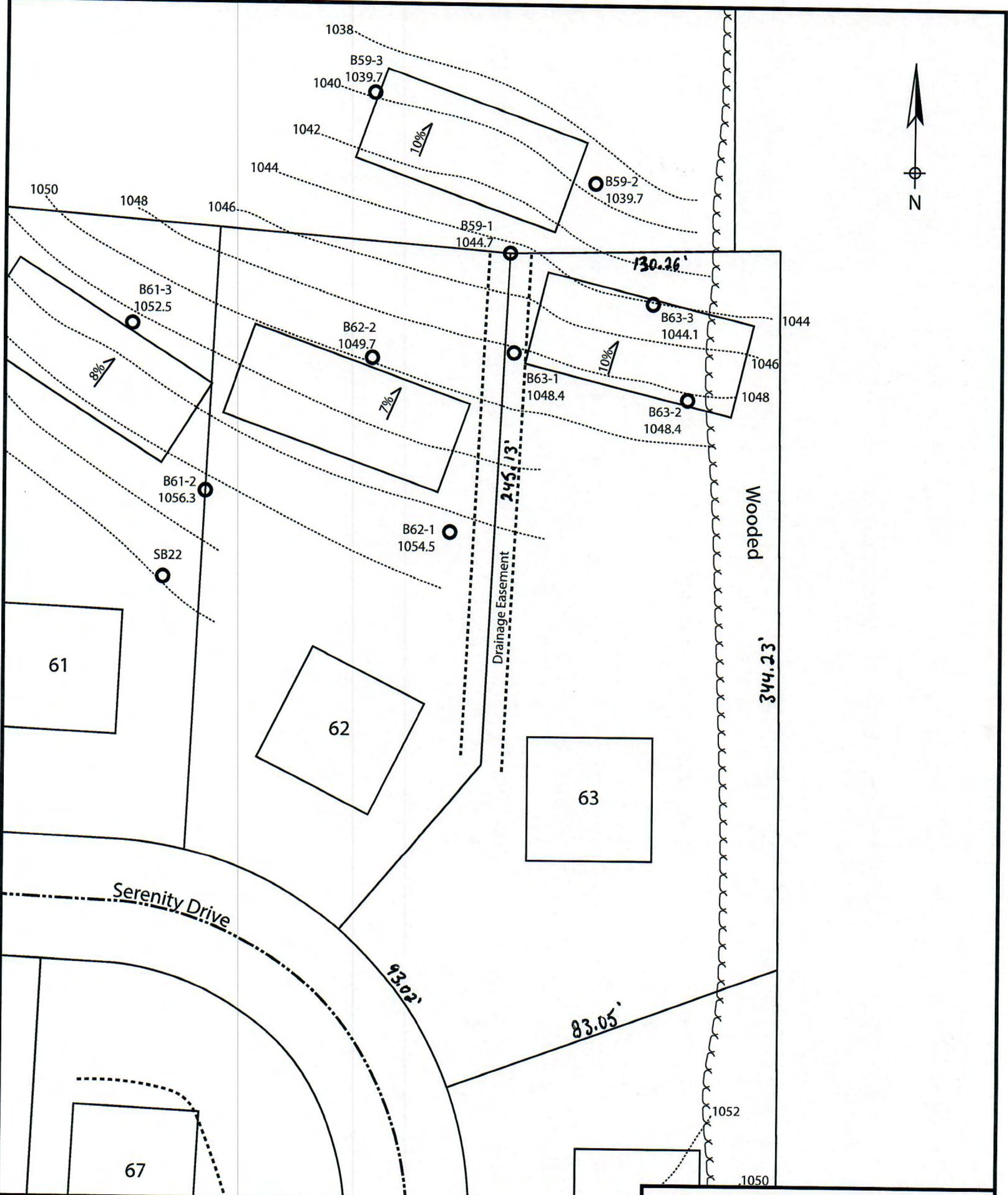
Ground Surface Elev.:
 _____ ft.

Depth to Limiting Factor:
 _____ in.

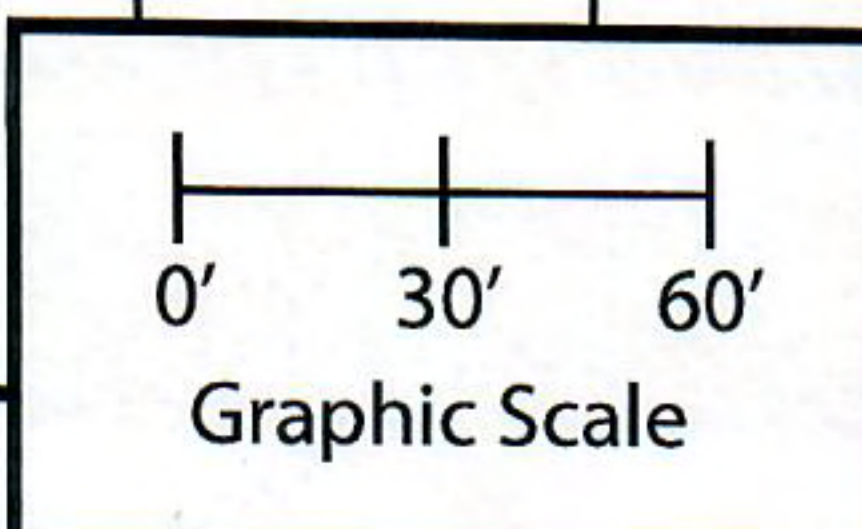
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

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

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



Lot 63 of Stone Ridge Phase III
Village of Merton, Waukesha County
Drawn by: Morgan Butler IV, CST
Date: 12/14/2021 Scale: 1" = 60'



Notes: Permanent benchmark to be set on-site at later date; Temporary BM: PLSS ¼ Sec. Corner on Ainsworth Rd., approximately 60' W of Lot 16 westerly lot line. Elevation - 1058.64'

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:	Waukesha
Parcel ID:	MV 0262998005
Reviewed by:	Date:

Property Owner Halquist; C/O: SEH Inc.				Property Location NW¼, S30, T8N, R19E			
Property Owner's Mailing Address 501 Maple Avenue				Lot # 64	Block#	Subd. Name or CSM# Stone Ridge III	
City Delafield	State WI	Zip Code 53018	Phone Number 414.949.8962	Municipality: Village of Merton		Nearest Road: Ainsworth Road	
<input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Replacement		Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: <u>4</u> <input type="checkbox"/> Public or Commercial - Describe: _____		Code derived design flow rate: <u>600</u> GPD			
Parent Material: _____							
General Comments & Recommendations: Area suitable for mound system. Drawn box shows 110'x45' potential site.							

64-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1050.0</u> ft.	Depth to Limiting Factor: <u>18</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 8	7.5YR 3/2	-	I	2vfsbk	mfr	cs	1vf	0.6	0.8
2	8 - 18	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	18 - 45	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 30"							

64-2	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1050.0</u> ft.	Depth to Limiting Factor: <u>17</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 7	7.5YR 3/2	-	I	2vfsbk	mfr	cs	1vf	0.6	0.8
2	7 - 17	7.5YR 3/4	-	grscl	2fsbk	mfr	cw	1vf	0.4	0.6
3	17 - 40	7.5YR 6/4	f1f 10YR 5/8	grfsl	1fsbk	mfr	-	-	0.2	0.6
			Roots to 28"							

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

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

CST Name (Please Print) Morgan Butler IV	Signature <i>Morgan Butler IV</i>	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted 12/14/2021	Telephone Number (262) 650 - 2000

County: Waukesha
 Parcel ID: MV 0262998005

64-3

Boring #

Boring
 Pit

Ground Surface Elev.:
1041.3 ft.

Depth to Limiting Factor:
20 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 6	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	6 - 12	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	12 - 20	7.5YR 3/4	-	grcl	1fsbk	mfr	gw	1vf	0.2	0.3
4	20 - 40	7.5YR 6/4	f1f 10YR 5/8	grfsl	1fsbk	mfr	-	-	0.2	0.6
			Roots to 20"							

Boring #

Boring
 Pit

Ground Surface Elev.:
 _____ ft.

Depth to Limiting Factor:
 _____ in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

Boring #

Boring
 Pit

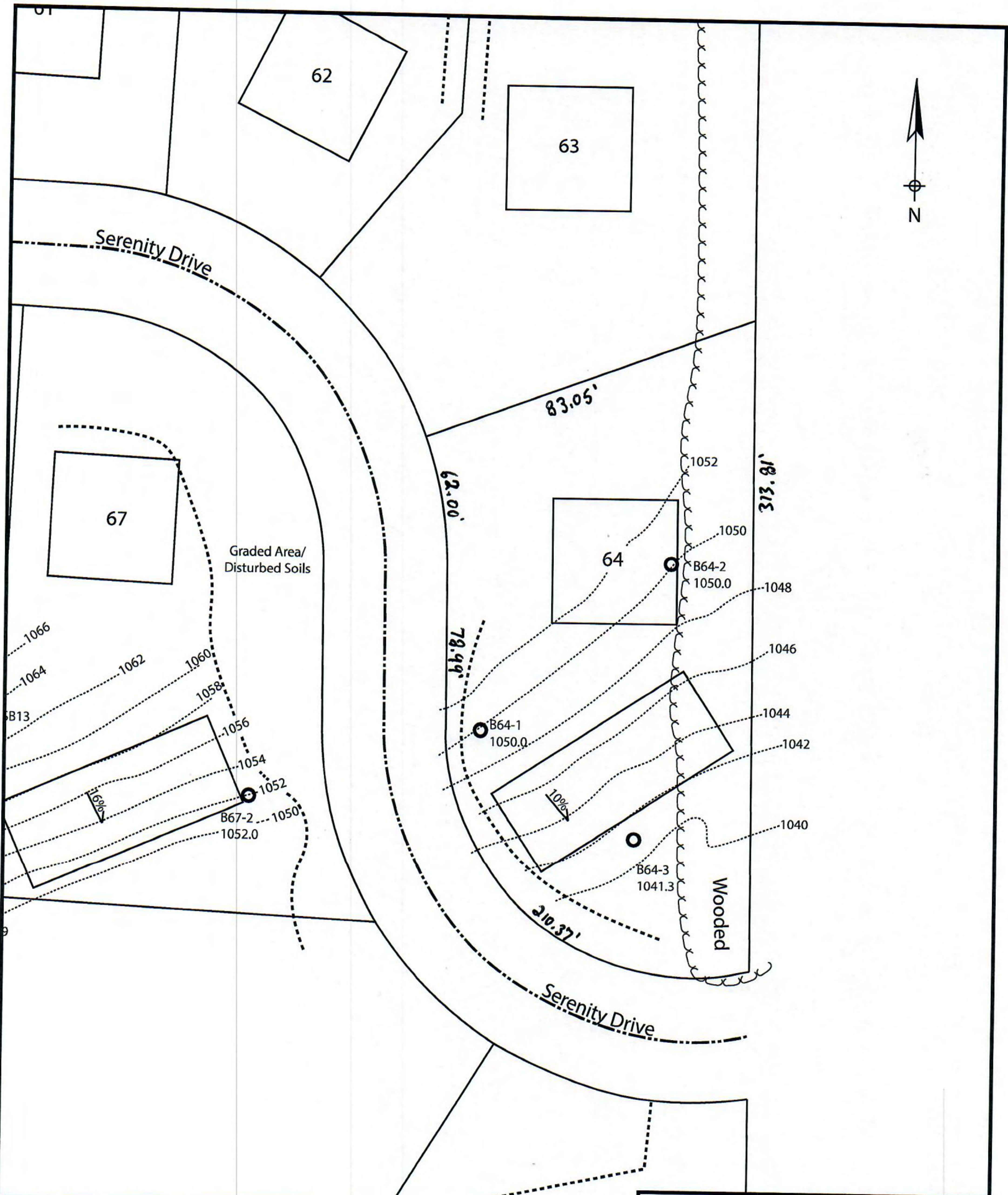
Ground Surface Elev.:
 _____ ft.

Depth to Limiting Factor:
 _____ in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

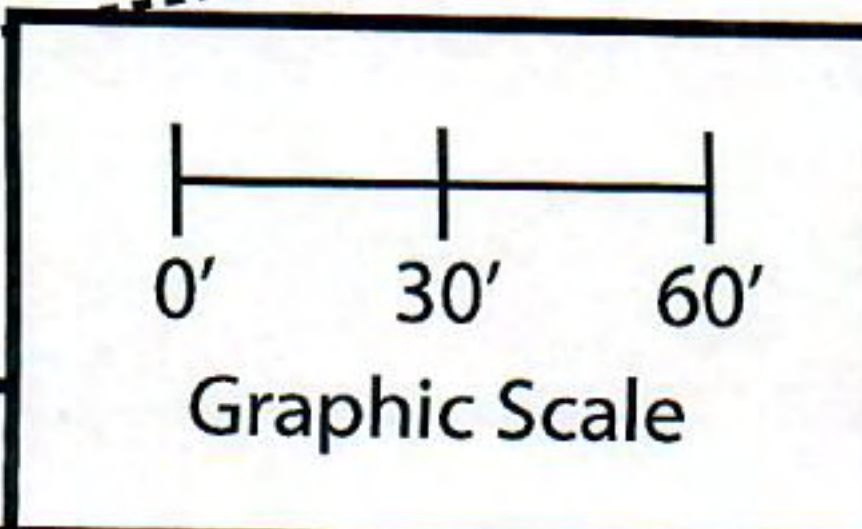
*Effluent #1 = BOD, > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

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



Lot 64 of Stone Ridge Phase III
Village of Merton, Waukesha County
Drawn by: Morgan Butler IV, CST
Date: 12/14/2021 Scale: 1" = 60'

Page 3/3



Notes: Permanent benchmark to be set on-site at later date; Temporary BM: PLSS ¼ Sec. Corner on Ainsworth Rd., approximately 60' W of Lot 16 westerly lot line. Elevation - 1058.64'

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: <u>Waukesha</u>
Parcel ID: <u>MV 0262998005</u>
Reviewed by: _____ Date: _____

Property Owner <u>Halquist, C/O: SEH Inc.</u>				Property Location <u>NW¼, S30, T8N, R19E</u>			
Property Owner's Mailing Address <u>501 Maple Avenue</u>				Lot # <u>65</u>	Block#	Subd. Name or CSM# <u>Stone Ridge III</u>	
City <u>Delafield</u>	State <u>WI</u>	Zip Code <u>53018</u>	Phone Number <u>414.949.8962</u>	Municipality: <u>Village of Merton</u>		Nearest Road: <u>Ainsworth Road</u>	
<input checked="" type="checkbox"/> New Construction		Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: <u>4</u>		Code derived design flow rate: <u>600 GPD</u>			
<input type="checkbox"/> Replacement		<input type="checkbox"/> Public or Commercial - Describe: _____		Parent Material: _____			
General Comments & Recommendations: <u>Area suitable for mound system. Drawn box shows 110'x45' potential site.</u>							

<u>65-1</u> Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1059.0 ft.</u>	Depth to Limiting Factor: <u>18 in.</u>
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 7	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	7 - 11	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	11 - 18	7.5YR 3/4	-	grcl	1fsbk	mfr	gw	1vf	0.2	0.3
4	18 - 40	7.5YR 6/4	f1f 10YR 5/8	grfsl	1fsbk	mfr	-	-	0.2	0.6
			Roots to 24"							

<u>65-2</u> Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1054.8 ft.</u>	Depth to Limiting Factor: <u>12 in.</u>
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 4	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	4 - 12	7.5YR 3/4	-	grscl	2fsbk	mfr	cw	1vf	0.4	0.6
3	12 - 36	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 21"							

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

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

CST Name (Please Print) <u>Morgan Butler IV</u>	Signature <u>Morgan Butler</u>	CST Number <u>1357852</u>
Address <u>N679 Tamarack Rd. Palmyra, WI 53156</u>	Date Evaluation Conducted <u>12/14/2021</u>	Telephone Number <u>(262) 650 - 2000</u>

County:	Waukesha
Parcel ID:	MV 0262998005

65-3	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.:	<u>1059.0</u> ft.	Depth to Limiting Factor:	<u>22</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 8	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	8 - 16	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	16 - 22	7.5YR 5/4	-	grscl	1fsbk	mfr	gw	1vf	0.2	0.3
4	22 - 40	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 22"							

SB14	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.:	<u>1047.8</u> ft.	Depth to Limiting Factor:	<u>20</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 4	7.5YR 3/2	-	l	2fsbk	mfr	cw	1vf	0.6	0.8
2	4 - 20	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	-	0.4	0.6
3	20 - 96	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.:	<u> </u> ft.	Depth to Limiting Factor:	<u> </u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

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

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

Lot 65 of Stone Ridge Phase III
Village of Merton, Waukesha County
Drawn by: Morgan Butler IV, CST
Date: 12/14/2021 Scale: 1" = 60'

Notes: Permanent benchmark to be set on-site at later date; Temporary BM: PLSS 1/4 Sec. Corner on Ainsworth Rd., approximately 60' W of Lot 16 westerly lot line. Elevation - 1058.64'

Serenity Drive

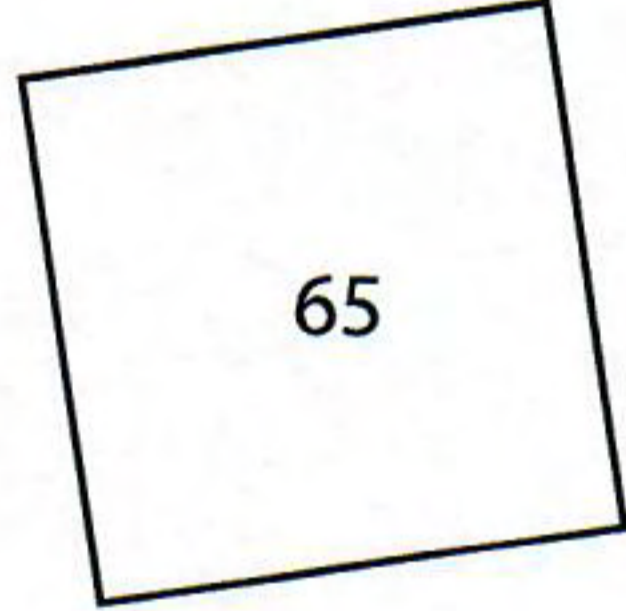
128.08'

234.68'

Drainage Easement

Drainage Easement

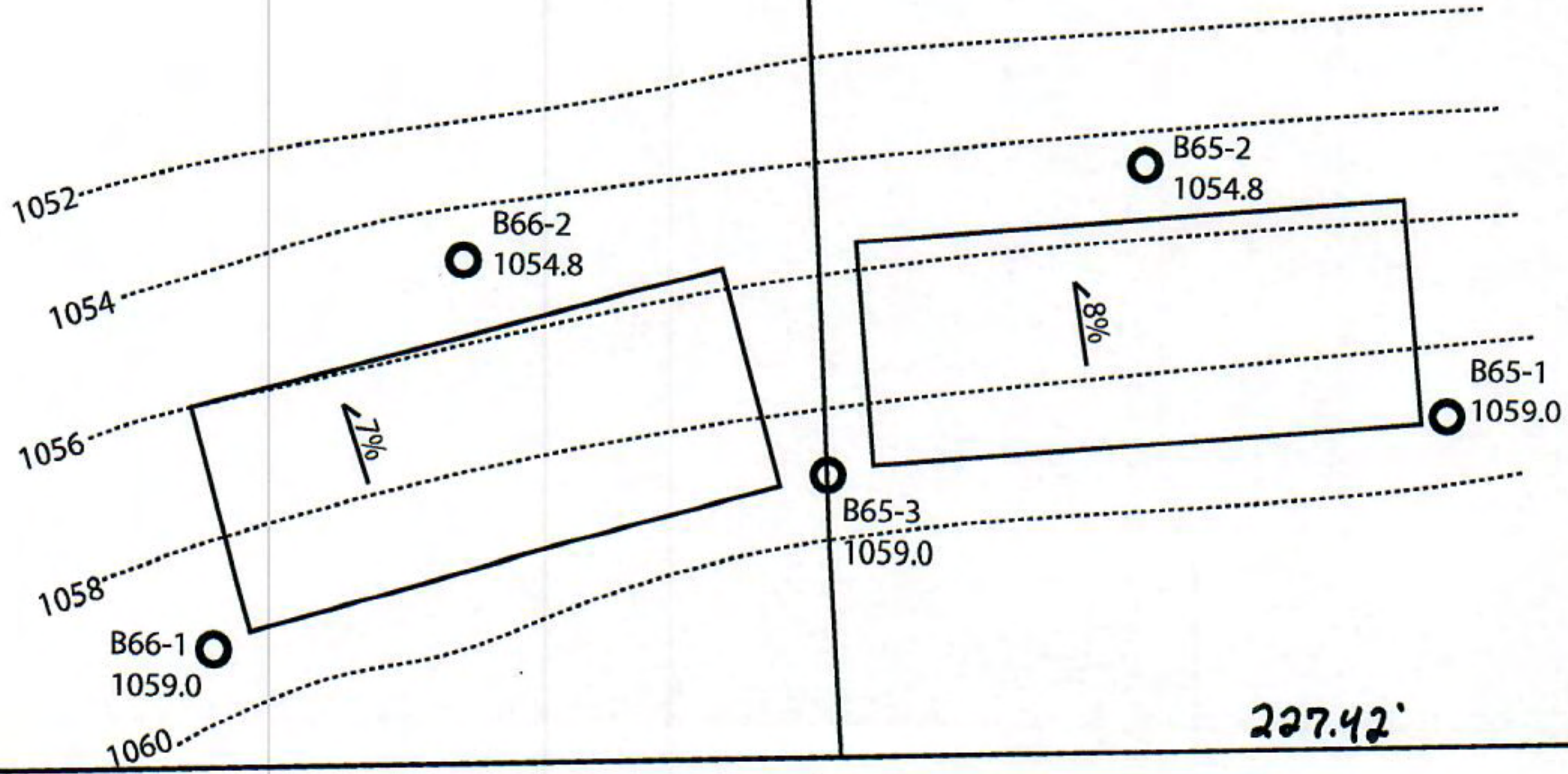
252.00'



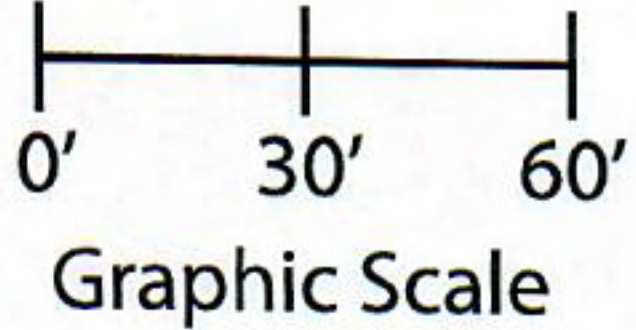
339.44'

SB14

556.95'



227.42'



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:	Waukesha
Parcel ID:	MV 0262998005
Reviewed by:	Date:

Property Owner Halquist; C/O: SEH Inc.				Property Location NW¼, S30, T8N, R19E			
Property Owner's Mailing Address 501 Maple Avenue				Lot # 66	Block#	Subd. Name or CSM# Stone Ridge III	
City Delafield	State WI	Zip Code 53018	Phone Number 414.949.8962	Municipality: Village of Merton		Nearest Road: Ainsworth Road	
<input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Replacement		Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: <u>4</u> <input type="checkbox"/> Public or Commercial - Describe: _____		Code derived design flow rate: <u>600</u> GPD			
Parent Material: _____							
General Comments & Recommendations: Area suitable for mound system. Drawn box shows 110'x45' potential site.							

66-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1059.0</u> ft.	Depth to Limiting Factor: <u>26</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 9	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	9 - 20	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	20 - 26	7.5YR 3/4	-	grcl	1fsbk	mfr	gw	1vf	0.2	0.3
4	26 - 40	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 24"							

66-2	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1054.8</u> ft.	Depth to Limiting Factor: <u>28</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 8	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	8 - 16	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	16 - 28	7.5YR 5/4	-	grcl	1fsbk	mfr	gw	1vf	0.2	0.3
4	28 - 40	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 30"							

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

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

CST Name (Please Print) Morgan Butler IV	Signature <i>Morgan Butler IV</i>	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted 12/14/2021	Telephone Number (262) 650 - 2000

County: Waukesha
 Parcel ID: MV 0262998005

65-3 Boring # Boring Pit Ground Surface Elev.: 1059.0 ft. Depth to Limiting Factor: 22 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 8	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	8 - 16	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	16 - 22	7.5YR 5/4	-	grscl	1fsbk	mfr	gw	1vf	0.2	0.3
4	22 - 40	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 22"							

SB14 Boring # Boring Pit Ground Surface Elev.: 1047.8 ft. Depth to Limiting Factor: 20 in.

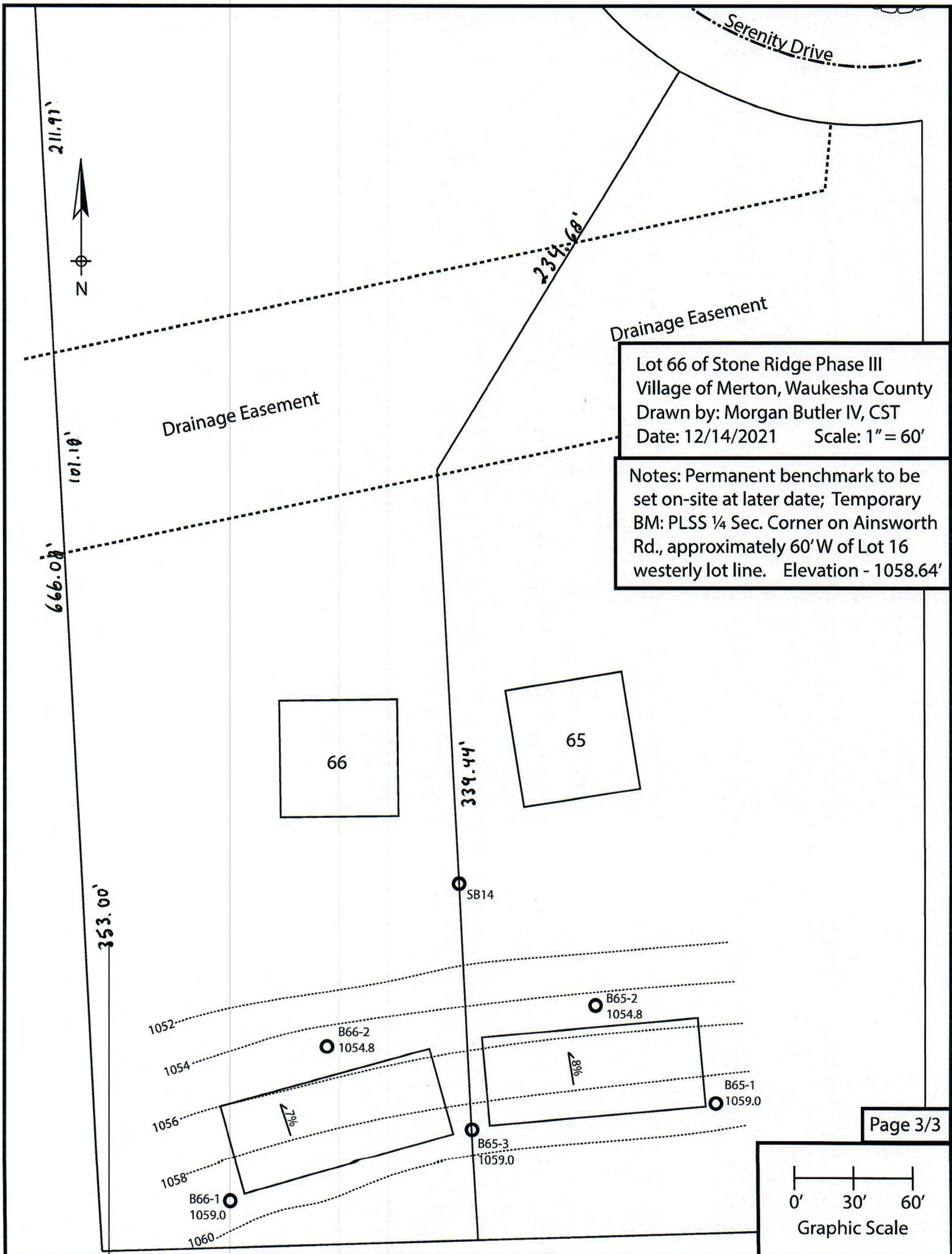
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 4	7.5YR 3/2	-	l	2fsbk	mfr	cw	1vf	0.6	0.8
2	4 - 20	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	-	0.4	0.6
3	20 - 96	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

Boring # Boring Pit Ground Surface Elev.: _____ ft. Depth to Limiting Factor: _____ in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

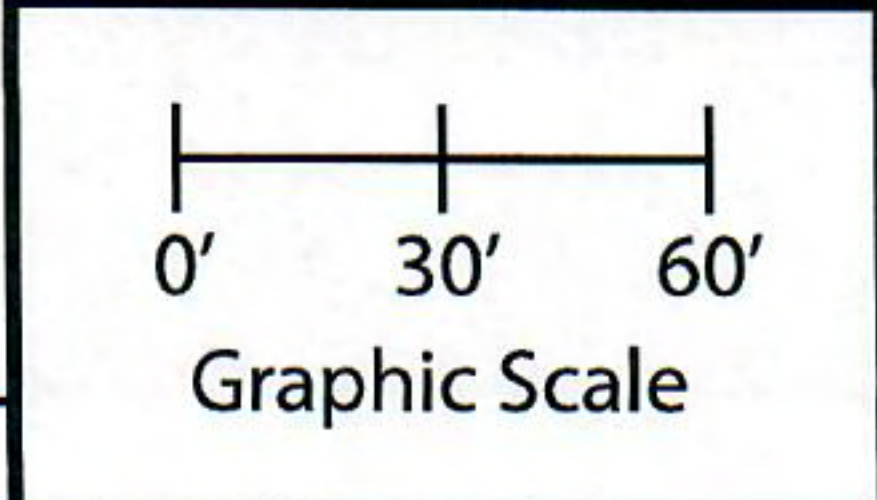
*Effluent #1 = BOD, > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

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



Lot 66 of Stone Ridge Phase III
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler IV, CST
 Date: 12/14/2021 Scale: 1" = 60'

Notes: Permanent benchmark to be set on-site at later date; Temporary BM: PLSS ¼ Sec. Corner on Ainsworth Rd., approximately 60' W of Lot 16 westerly lot line. Elevation - 1058.64'



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: Waukesha	
Parcel ID: MV 0262998005	
Reviewed by:	Date:

Property Owner Halquist; C/O: SEH Inc.				Property Location NW¼, S30, T8N, R19E			
Property Owner's Mailing Address 501 Maple Avenue				Lot # 67	Block#	Subd. Name or CSM# Stone Ridge III	
City Delafield	State WI	Zip Code 53018	Phone Number 414.949.8962	Municipality: Village of Merton		Nearest Road: Ainsworth Road	
<input checked="" type="checkbox"/> New Construction Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: <u>4</u> Code derived design flow rate: <u>600</u> GPD <input type="checkbox"/> Replacement <input type="checkbox"/> Public or Commercial - Describe: _____ Parent Material: _____		General Comments & Recommendations: Area suitable for mound system. Drawn box shows 110'x45' potential site.					

67-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1051.9</u> ft.	Depth to Limiting Factor: <u>15</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 7	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	7 - 15	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	15 - 33	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 21"							

67-2	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1052.0</u> ft.	Depth to Limiting Factor: <u>22</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 6	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	6 - 13	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	13 - 22	7.5YR 3/4	-	grcl	1fsbk	mfr	gw	1vf	0.2	0.3
4	22 - 45	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 30"							

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

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

CST Name (Please Print) Morgan Butler IV	Signature <i>Morgan Butler</i>	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted 12/14/2021	Telephone Number (262) 650 - 2000

County:	Waukesha
Parcel ID:	MV 0262998005

SB13 Boring #

Boring
 Pit

Ground Surface Elev.:
1063.5 ft.

Depth to Limiting Factor:
19 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 6	7.5YR 3/2	-	l	2fsbk	mfr	cw	1vf	0.6	0.8
2	6 - 19	7.5YR 4/4	-	grcl	2msbk	mfr	cw	1vf	0.4	0.6
3	19 - 100	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

Boring #

Boring
 Pit

Ground Surface Elev.:
 _____ ft.

Depth to Limiting Factor:
 _____ in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

Boring #

Boring
 Pit

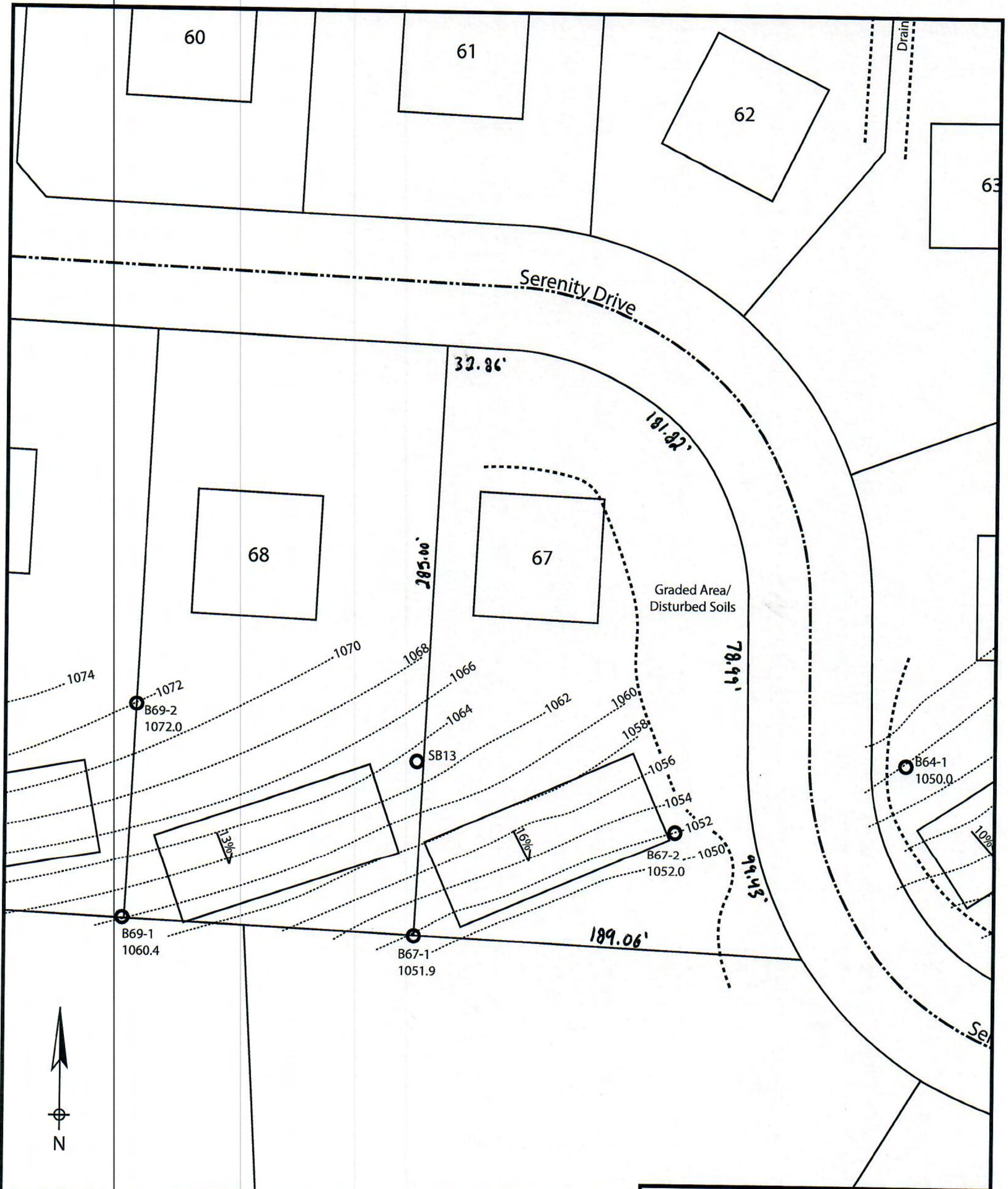
Ground Surface Elev.:
 _____ ft.

Depth to Limiting Factor:
 _____ in.

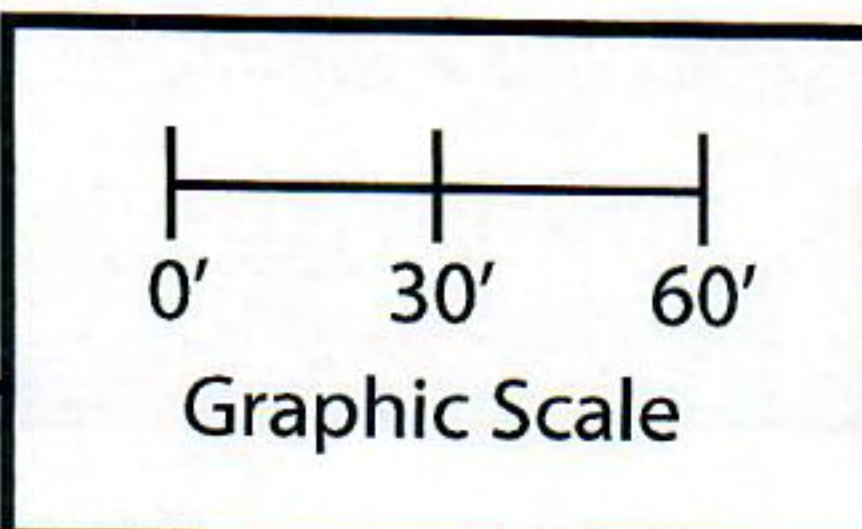
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

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

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



Lot 67 of Stone Ridge Phase III
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler IV, CST
 Date: 12/14/2021 Scale: 1" = 60'



Notes: Permanent benchmark to be set on-site at later date; Temporary BM: PLSS ¼ Sec. Corner on Ainsworth Rd., approximately 60' W of Lot 16 westerly lot line. Elevation - 1058.64'

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.

County:	Waukesha
Parcel ID:	MV 0262998005
Reviewed by:	Date:

Please print all information

Personal information you provide may be used for secondary purposes (Privacy Law, s. 15.04(1)(m)).

Property Owner Halquist, C/O: SEH Inc.				Property Location NW¼, S30, T8N, R19E			
Property Owner's Mailing Address 501 Maple Avenue				Lot # 68	Block#	Subd. Name or CSM# Stone Ridge III	
City Delafield	State WI	Zip Code 53018	Phone Number 414.949.8962	Municipality: Village of Merton		Nearest Road: Ainsworth Road	
<input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Replacement		Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: <u>4</u> <input type="checkbox"/> Public or Commercial - Describe: _____		Code derived design flow rate: <u>600</u> GPD			
Parent Material: _____							
General Comments & Recommendations: Area suitable for mound system. Drawn box shows 110'x45' potential site.							

<u>67-1</u> Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1051.9</u> ft.	Depth to Limiting Factor: <u>15</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 7	7.5YR 3/2	-	I	2vfsbk	mfr	cs	1vf	0.6	0.8
2	7 - 15	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	15 - 33	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 21"							

<u>69-1</u> Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1060.4</u> ft.	Depth to Limiting Factor: <u>14</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 7	7.5YR 3/2	-	I	2vfsbk	mfr	cs	1vf	0.6	0.8
2	7 - 14	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	14 - 36	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 20"							

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

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

CST Name (Please Print) Morgan Butler IV	Signature <i>Morgan Butler IV</i>	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted 12/14/2021	Telephone Number (262) 650 - 2000

County: Waukesha
 Parcel ID: MV 0262998005

69-2

Boring #

Boring
 Pit

Ground Surface Elev.:
1072.0 ft.

Depth to Limiting Factor:
18 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 6	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	6 - 18	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	18 - 36	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 22"							

SB13

Boring #

Boring
 Pit

Ground Surface Elev.:
1063.5 ft.

Depth to Limiting Factor:
19 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 6	7.5YR 3/2	-	l	2fsbk	mfr	cw	1vf	0.6	0.8
2	6 - 19	7.5YR 4/4	-	grcl	2msbk	mfr	cw	-	0.4	0.6
3	19 - 100	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

Boring #

Boring
 Pit

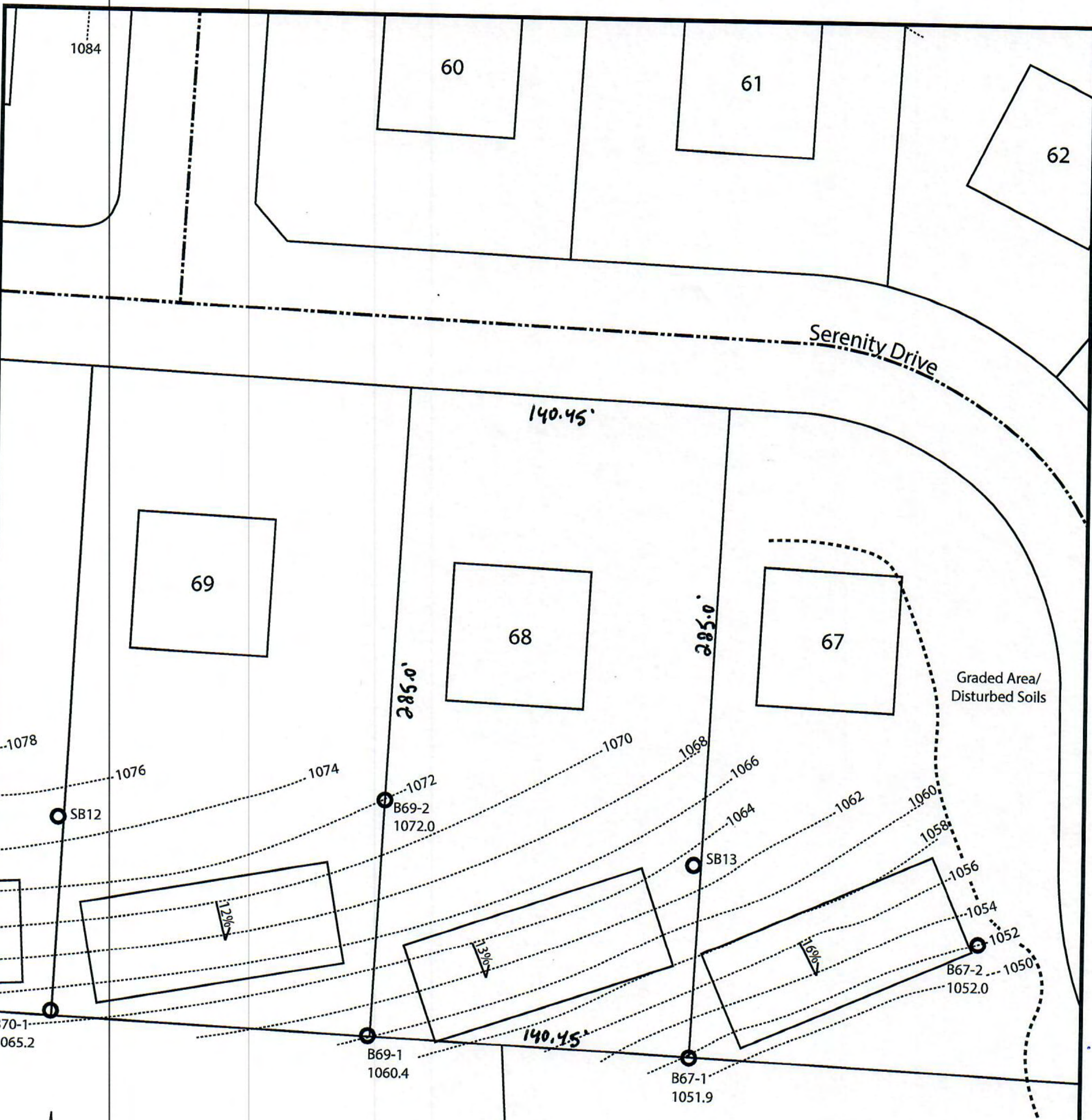
Ground Surface Elev.:
 _____ ft.

Depth to Limiting Factor:
 _____ in.

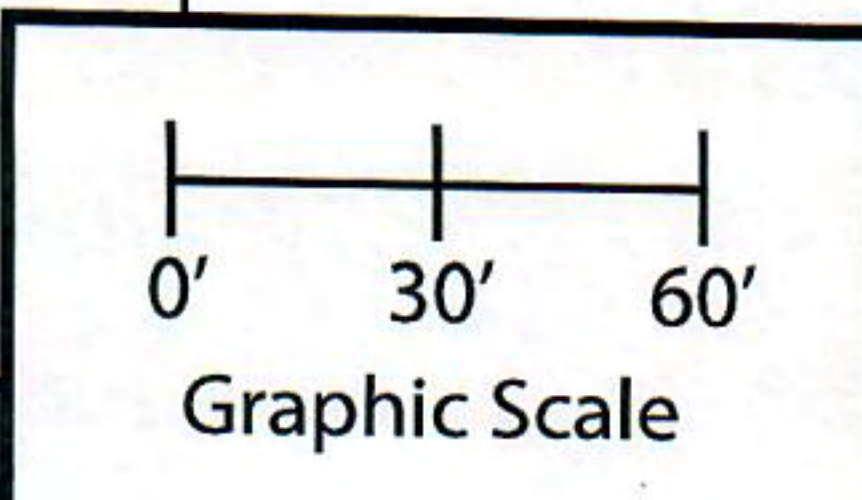
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

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

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



Lot 68 of Stone Ridge Phase III
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler IV, CST
 Date: 12/14/2021 Scale: 1" = 60'



Notes: Permanent benchmark to be set on-site at later date; Temporary BM: PLSS ¼ Sec. Corner on Ainsworth Rd., approximately 60' W of Lot 16 westerly lot line. Elevation - 1058.64'

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:	Waukesha
Parcel ID:	MV 0262998005
Reviewed by:	Date:

Property Owner Halquist; C/O: SEH Inc.				Property Location NW¼, S30, T8N, R19E			
Property Owner's Mailing Address 501 Maple Avenue				Lot # 69	Block#	Subd. Name or CSM# Stone Ridge III	
City Delafield	State WI	Zip Code 53018	Phone Number 414.949.8962	Municipality: Village of Merton		Nearest Road: Ainsworth Road	
<input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Replacement		Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: <u>4</u> <input type="checkbox"/> Public or Commercial - Describe: _____		Code derived design flow rate: <u>600</u> GPD			
Parent Material: _____							
General Comments & Recommendations: Area suitable for mound system. Drawn box shows 110'x45' potential site.							

<u>70-1</u>	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1065.2</u> ft.	Depth to Limiting Factor: <u>14</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 6	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	6 - 14	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	14 - 40	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 20"							

<u>69-1</u>	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1060.4</u> ft.	Depth to Limiting Factor: <u>14</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 7	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	7 - 14	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	14 - 36	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 20"							

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

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

CST Name (Please Print) Morgan Butler IV	Signature <i>Morgan Butler IV</i>	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted 12/14/2021	Telephone Number (262) 650 - 2000

County: Waukesha
 Parcel ID: MV 0262998005

69-2

Boring #

Boring
 Pit

Ground Surface Elev.:
1072.0 ft.

Depth to Limiting Factor:
18 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 6	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	6 - 18	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	18 - 36	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 22"							

SB12

Boring #

Boring
 Pit

Ground Surface Elev.:
1075.3 ft.

Depth to Limiting Factor:
21 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 7	7.5YR 3/2	-	l	2fsbk	mfr	cw	1vf	0.6	0.8
2	7 - 14	7.5YR 4/4	-	grcl	2msbk	mfr	cw	-	0.4	0.6
3	14 - 21	7.5YR 6/6	-	grsl	1fsbk	mfr	gw	-	0.4	0.7
4	21 - 96	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Seeping @ 65"							

Boring #

Boring
 Pit

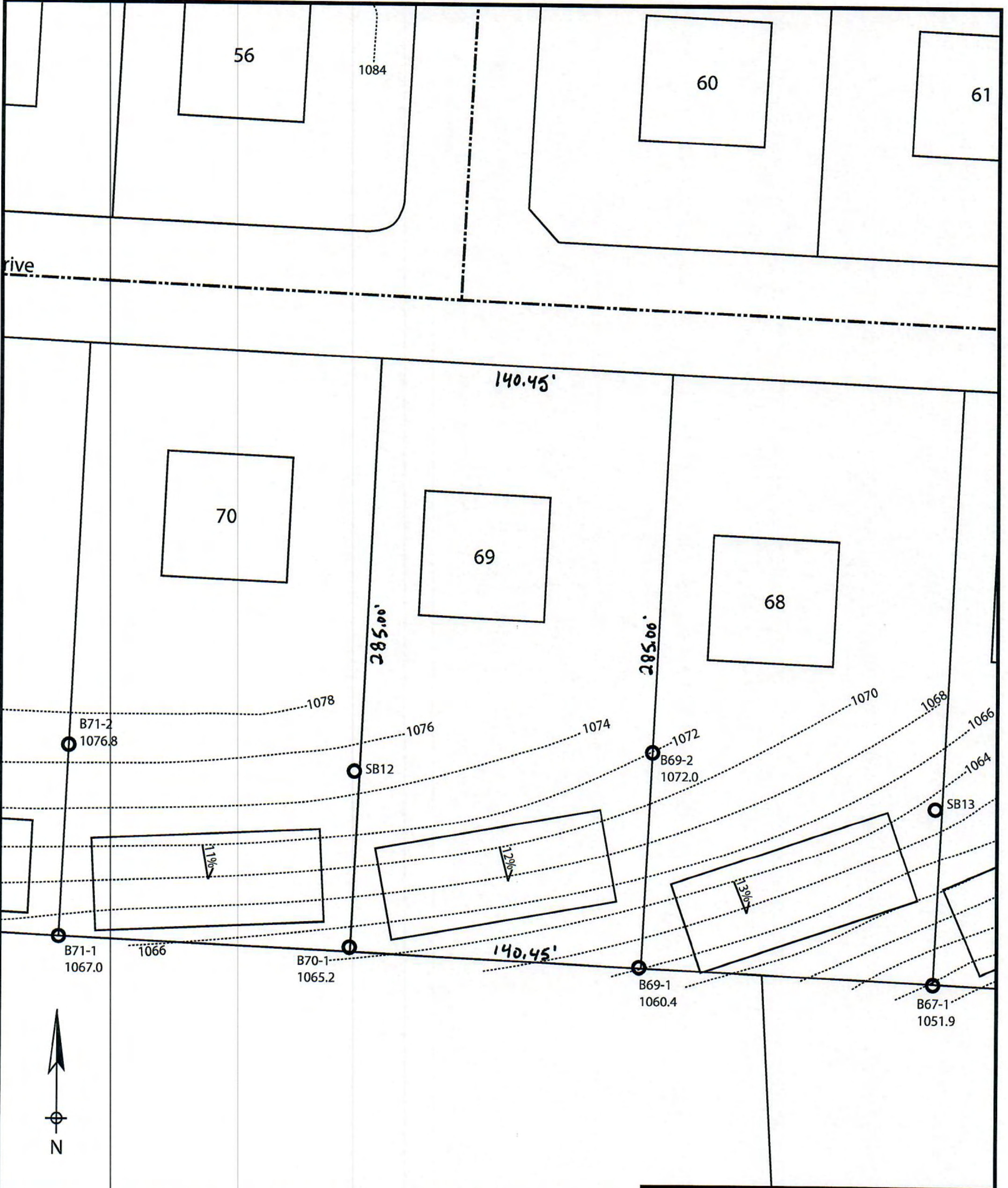
Ground Surface Elev.:
 _____ ft.

Depth to Limiting Factor:
 _____ in.

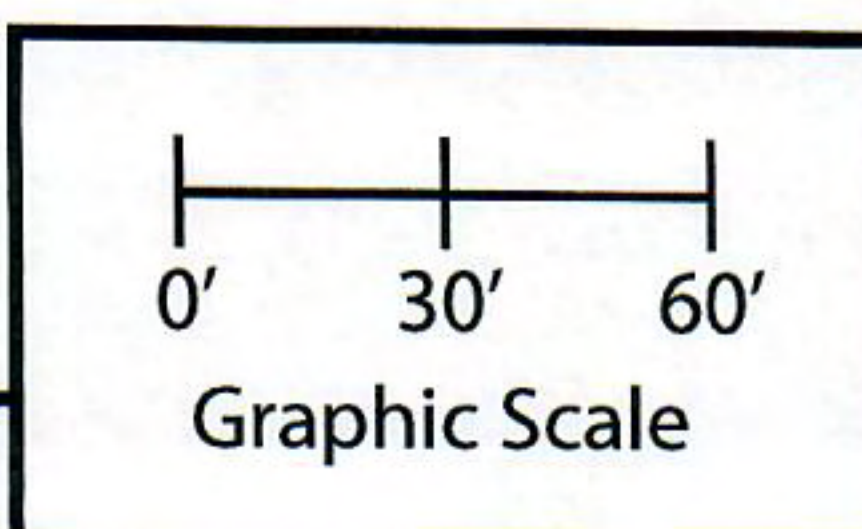
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

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

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



Lot 69 of Stone Ridge Phase III
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler IV, CST
 Date: 12/14/2021 Scale: 1" = 60'



Notes: Permanent benchmark to be set on-site at later date; Temporary BM: PLSS ¼ Sec. Corner on Ainsworth Rd., approximately 60' W of Lot 16 westerly lot line. Elevation - 1058.64'

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: Waukesha	
Parcel ID: MV 0262998005	
Reviewed by:	Date:

Property Owner Halquist, C/O: SEH Inc.				Property Location NW¼, S30, T8N, R19E			
Property Owner's Mailing Address 501 Maple Avenue				Lot # 70	Block#	Subd. Name or CSM# Stone Ridge III	
City Delafield	State WI	Zip Code 53018	Phone Number 414.949.8962	Municipality: Village of Merton		Nearest Road: Ainsworth Road	
<input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Replacement		Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: <u>4</u> <input type="checkbox"/> Public or Commercial - Describe: _____		Code derived design flow rate: <u>600 GPD</u>			
Parent Material: _____							
General Comments & Recommendations: Area suitable for mound system. Drawn box shows 110'x45' potential site.							

70-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1065.2 ft.</u>	Depth to Limiting Factor: <u>14 in.</u>
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 6	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	6 - 14	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	14 - 40	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 20"							

71-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1067.0 ft.</u>	Depth to Limiting Factor: <u>16 in.</u>
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 8	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	8 - 16	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	16 - 45	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 25"							

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

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

CST Name (Please Print) Morgan Butler IV	Signature <i>Morgan Butler IV</i>	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted 12/14/2021	Telephone Number (262) 650 - 2000

County:	Waukesha
Parcel ID:	MV 0262998005

71-2

Boring #

<input type="checkbox"/>	Boring
<input checked="" type="checkbox"/>	Pit

Ground Surface Elev.:
1076.8 ft.

Depth to Limiting Factor:
21 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 8	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	8 - 21	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	21 - 36	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 24"							

SB12

Boring #

<input type="checkbox"/>	Boring
<input checked="" type="checkbox"/>	Pit

Ground Surface Elev.:
1075.3 ft.

Depth to Limiting Factor:
21 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 7	7.5YR 3/2	-	l	2fsbk	mfr	cw	1vf	0.6	0.8
2	7 - 14	7.5YR 4/4	-	grcl	2msbk	mfr	cw	-	0.4	0.6
3	14 - 21	7.5YR 6/6	-	grsl	1fsbk	mfr	gw	-	0.4	0.7
4	21 - 96	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Seeping @ 65"							

Boring #

<input type="checkbox"/>	Boring
<input checked="" type="checkbox"/>	Pit

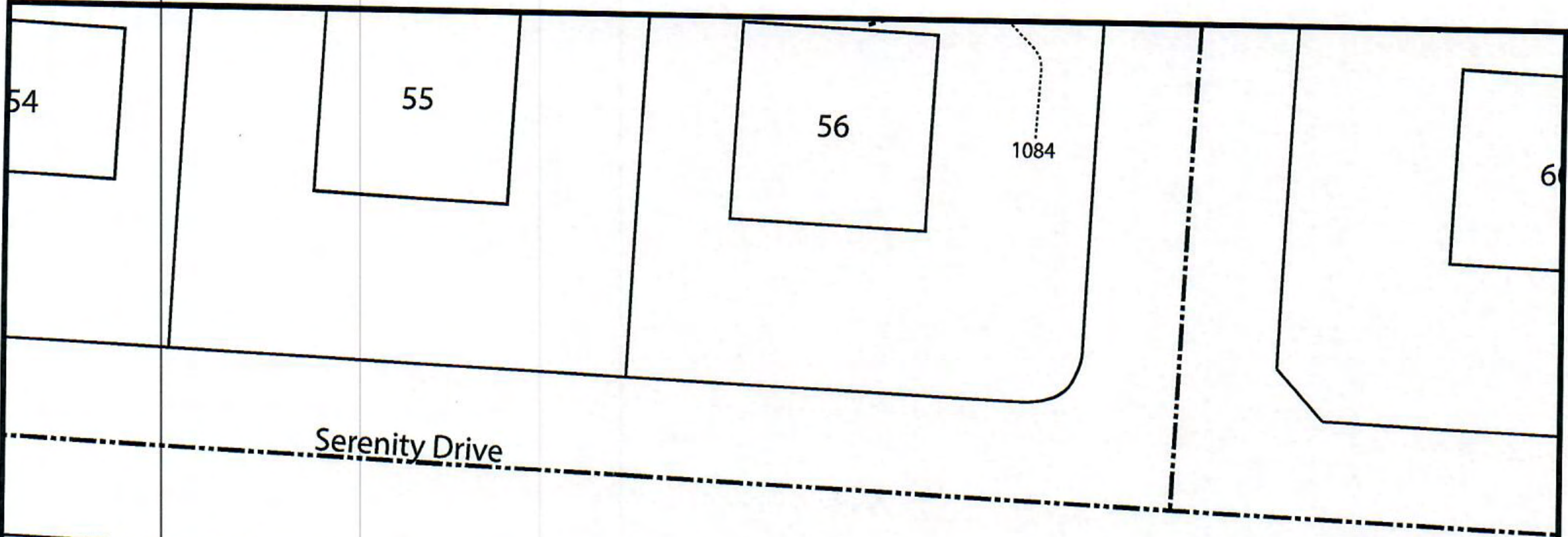
Ground Surface Elev.:
_____ ft.

Depth to Limiting Factor:
_____ in.

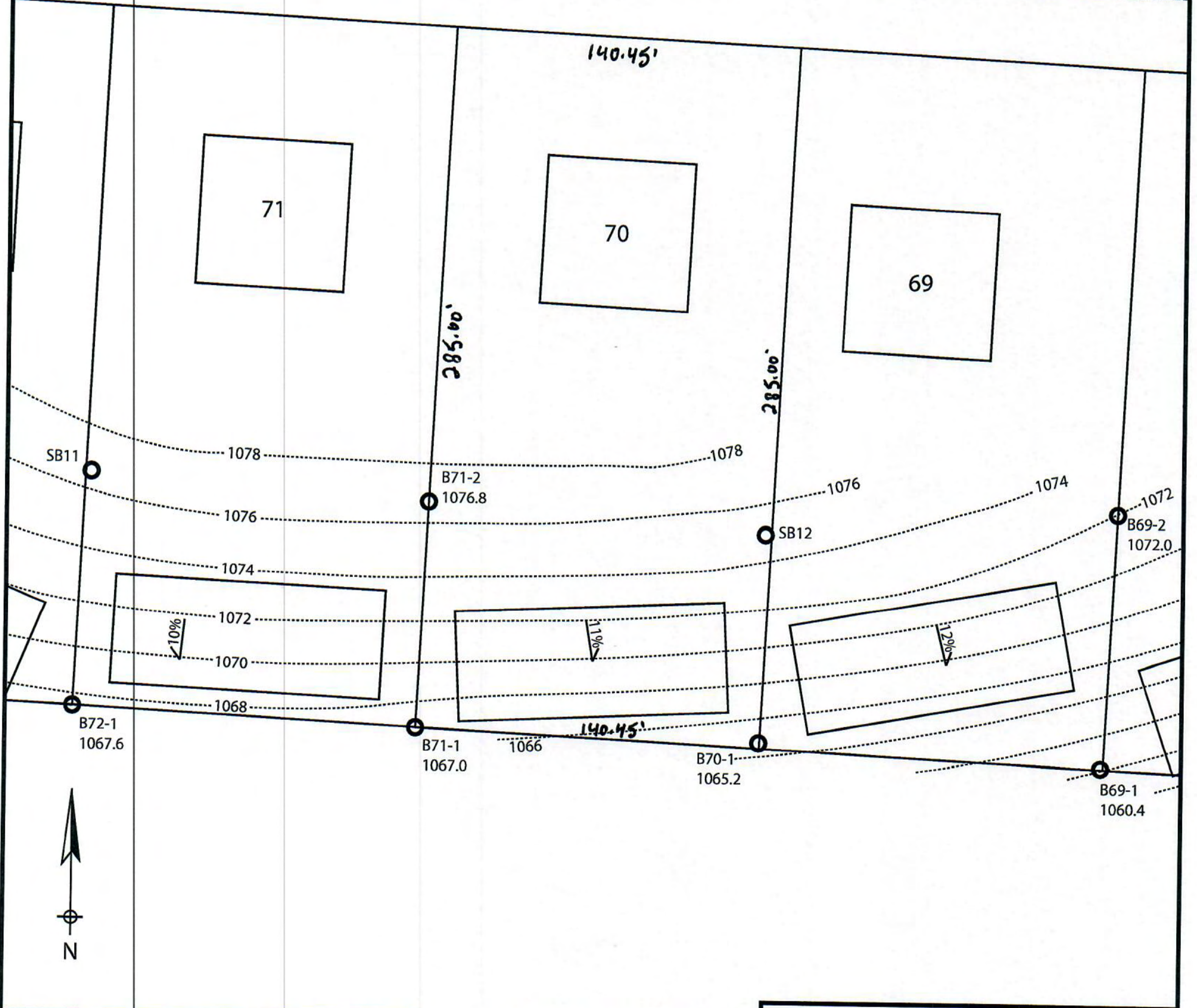
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

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

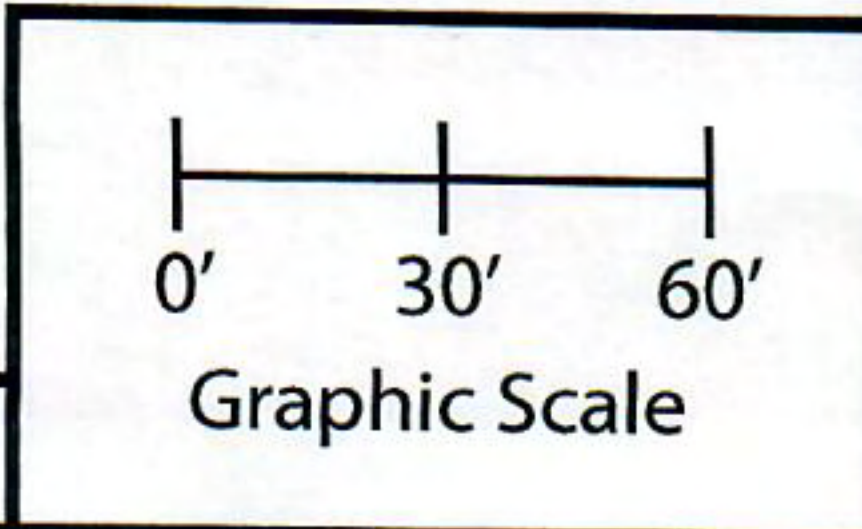
*Effluent #2 = BOD, > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L



Serenity Drive



Lot 70 of Stone Ridge Phase III
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler IV, CST
 Date: 12/14/2021 Scale: 1" = 60'



Notes: Permanent benchmark to be set on-site at later date; Temporary BM: PLSS ¼ Sec. Corner on Ainsworth Rd., approximately 60' W of Lot 16 westerly lot line. Elevation - 1058.64'

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.

County: Waukesha
Parcel ID: MV 0262998005
Reviewed by: _____ Date: _____

Please print all information

Personal information you provide may be used for secondary purposes (Privacy Law, s. 15.04(1)(m)).

Property Owner Halquist, C/O: SEH Inc.				Property Location NW¼, S30, T8N, R19E			
Property Owner's Mailing Address 501 Maple Avenue				Lot # 71	Block#	Subd. Name or CSM# Stone Ridge III	
City Delafield	State WI	Zip Code 53018	Phone Number 414.949.8962	Municipality: Village of Merton		Nearest Road: Ainsworth Road	
<input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Replacement		Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: <u>4</u> <input type="checkbox"/> Public or Commercial - Describe: _____		Code derived design flow rate: <u>600</u> GPD			
Parent Material: _____							
General Comments & Recommendations: Area suitable for mound system. Drawn box shows 110'x45' potential site.							

72-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1067.6</u> ft.	Depth to Limiting Factor: <u>16</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 7	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	7 - 16	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	16 - 36	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 19"							

71-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1067.0</u> ft.	Depth to Limiting Factor: <u>16</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 8	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	8 - 16	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	16 - 45	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 25"							

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

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

CST Name (Please Print) Morgan Butler IV	Signature <i>Morgan Butler IV</i>	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted 12/14/2021	Telephone Number (262) 650 - 2000

County: Waukesha
 Parcel ID: MV 0262998005

71-2

Boring #

Boring
 Pit

Ground Surface Elev.:
1076.8 ft.

Depth to Limiting Factor:
21 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 8	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	8 - 21	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	21 - 36	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 24"							

SB11

Boring #

Boring
 Pit

Ground Surface Elev.:
1077.0 ft.

Depth to Limiting Factor:
16 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 10	7.5YR 3/2	-	l	2fsbk	mfr	cw	1vf	0.6	0.8
2	10 - 16	7.5YR 4/4	-	grcl	2msbk	mfr	cw	-	0.4	0.6
3	16 - 32	7.5YR 6/6	f1f 10YR 5/8	grsl	1fsbk	mfr	gw	-	0.4	0.7
4	32 - 96	7.5YR 6/3	f1f 10YR 5/8, 6/2	grsl	1fsbk	mfr	-	-	0.4	0.7
			Saturated @ 52"							

Boring #

Boring
 Pit

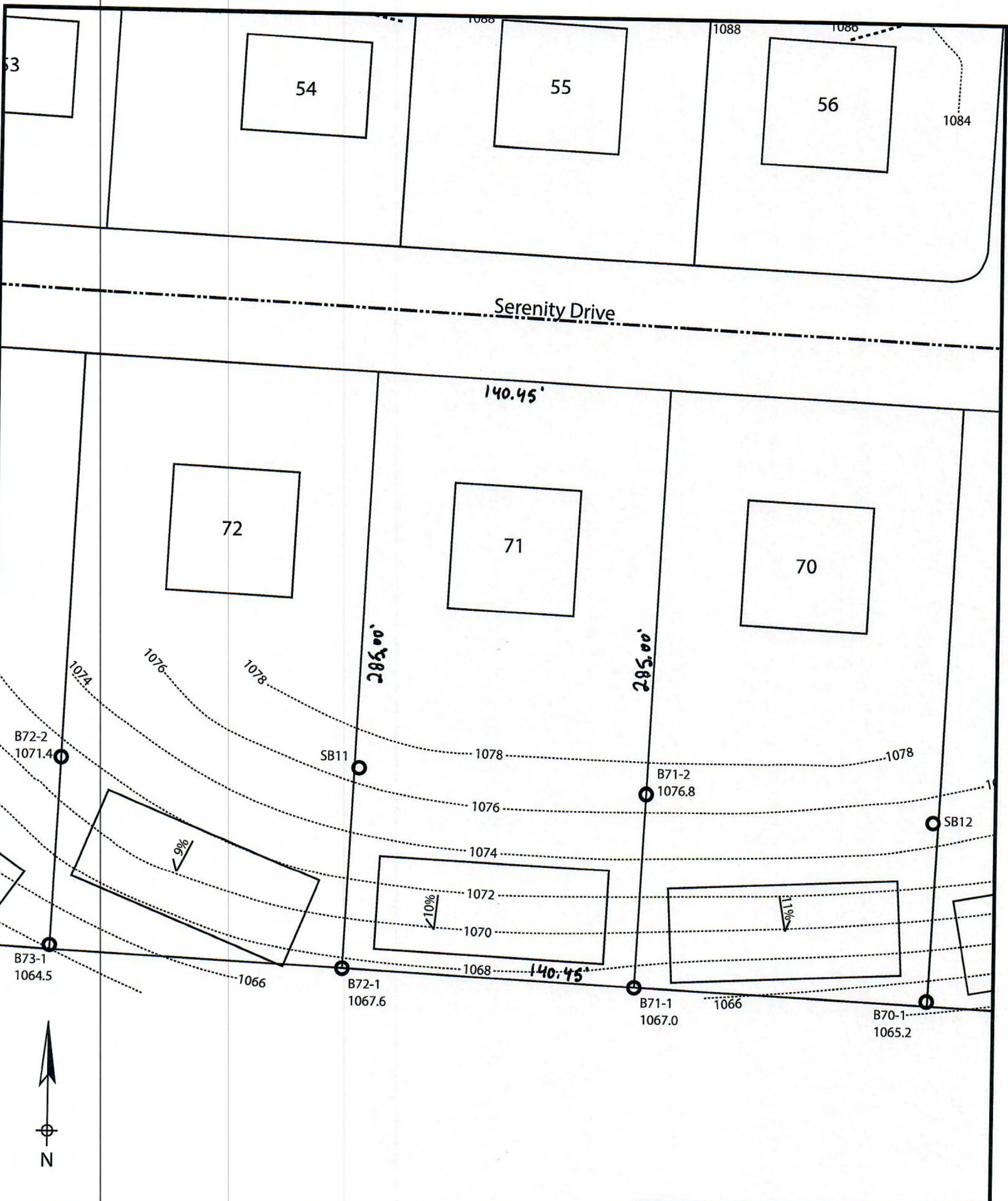
Ground Surface Elev.:
 _____ ft.

Depth to Limiting Factor:
 _____ in.

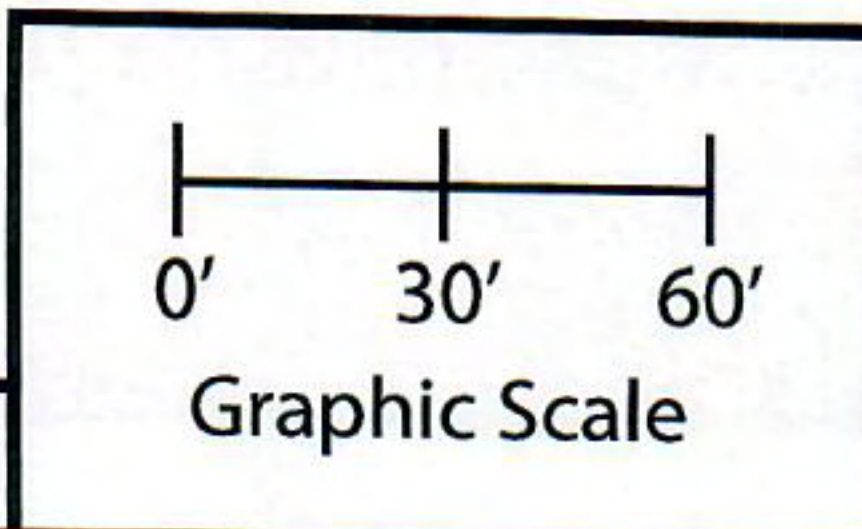
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

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

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



Lot 71 of Stone Ridge Phase III
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler IV, CST
 Date: 12/14/2021 Scale: 1" = 60'



Notes: Permanent benchmark to be set on-site at later date; Temporary BM: PLSS ¼ Sec. Corner on Ainsworth Rd., approximately 60' W of Lot 16 westerly lot line. Elevation - 1058.64'

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: <u>Waukesha</u>	
Parcel ID: <u>MV 0262998005</u>	
Reviewed by:	Date:

Property Owner <u>Halquist; C/O: SEH Inc.</u>				Property Location <u>NW¼, S30, T8N, R19E</u>			
Property Owner's Mailing Address <u>501 Maple Avenue</u>				Lot # <u>72</u>	Block#	Subd. Name or CSM# <u>Stone Ridge III</u>	
City <u>Delafield</u>	State <u>WI</u>	Zip Code <u>53018</u>	Phone Number <u>414.949.8962</u>	Municipality: <u>Village of Merton</u>		Nearest Road: <u>Ainsworth Road</u>	
<input checked="" type="checkbox"/> New Construction		Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: <u>4</u>		Code derived design flow rate: <u>600</u> GPD			
<input type="checkbox"/> Replacement		<input type="checkbox"/> Public or Commercial - Describe: _____					
Parent Material: _____							
General Comments & Recommendations: <u>Area suitable for mound system. Drawn box shows 110'x45' potential site.</u>							

<u>72-1</u> Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1067.6</u> ft.	Depth to Limiting Factor: <u>16</u> in.
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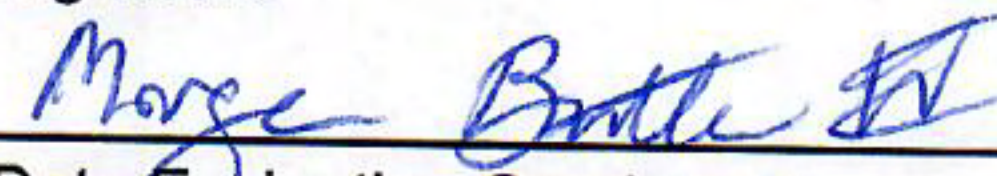
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 7	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	7 - 16	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	16 - 36	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 19"							

<u>72-2</u> Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1071.4</u> ft.	Depth to Limiting Factor: <u>18</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 6	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	6 - 18	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	18 - 40	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 25"							

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

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

CST Name (Please Print) <u>Morgan Butler IV</u>	Signature 	CST Number <u>1357852</u>
Address <u>N679 Tamarack Rd. Palmyra, WI 53156</u>	Date Evaluation Conducted <u>12/14/2021</u>	Telephone Number <u>(262) 650 - 2000</u>

County: Waukesha
Parcel ID: MV 0262998005

73-1 Boring #

Boring
 Pit

Ground Surface Elev.:
1064.5 ft.

Depth to Limiting Factor:
19 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 11	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	11 - 19	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	19 - 40	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 25"							

SB11 Boring #

Boring
 Pit

Ground Surface Elev.:
1077.0 ft.

Depth to Limiting Factor:
16 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 10	7.5YR 3/2	-	l	2fsbk	mfr	cw	1vf	0.6	0.8
2	10 - 16	7.5YR 4/4	-	grcl	2msbk	mfr	cw	-	0.4	0.6
3	16 - 32	7.5YR 6/6	f1f 10YR 5/8	grsl	1fsbk	mfr	gw	-	0.4	0.7
4	32 - 96	7.5YR 6/3	f1f 10YR 5/8, 6/2	grsl	1fsbk	mfr	-	-	0.4	0.7
			Saturated @ 52"							

Boring #

Boring
 Pit

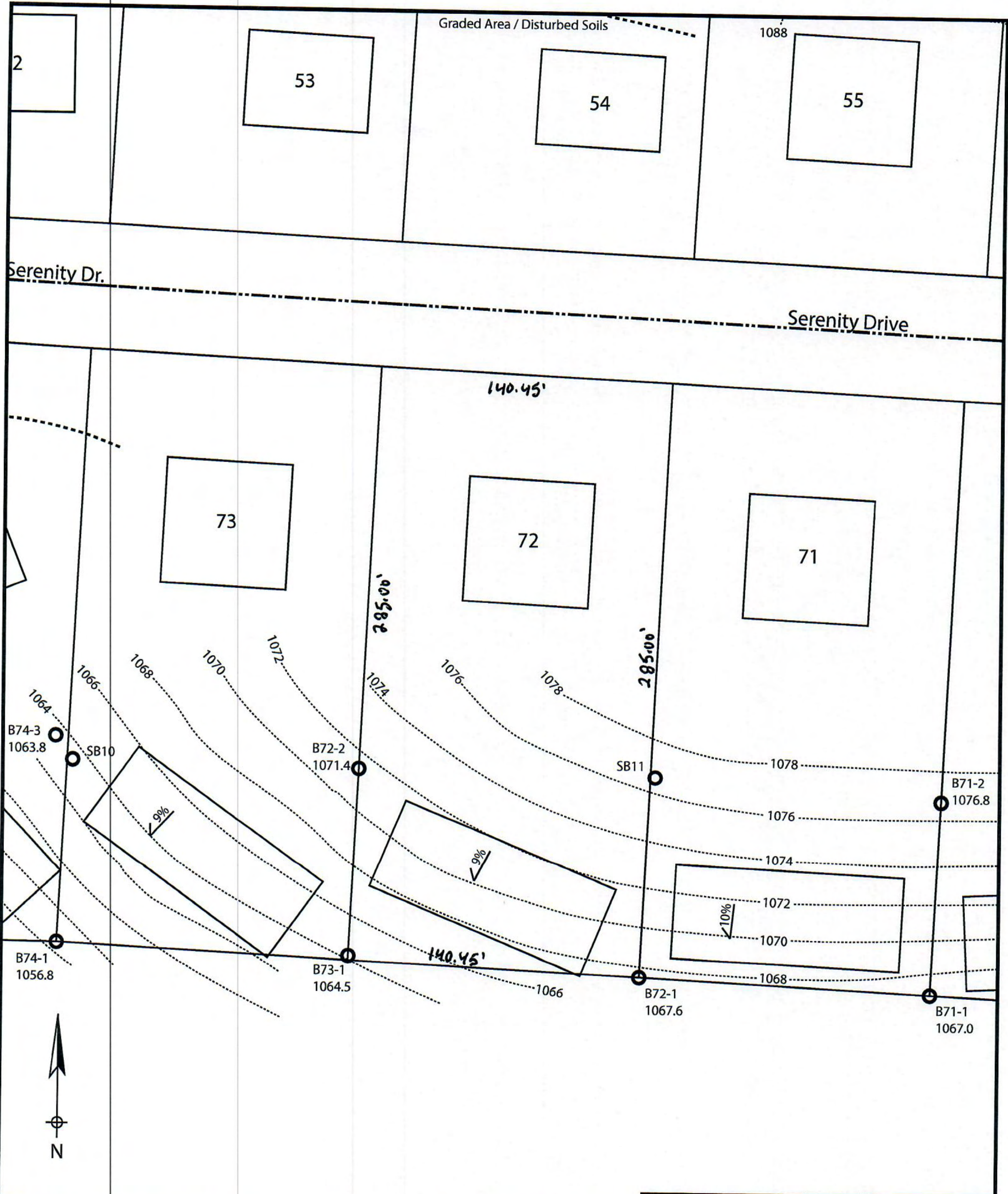
Ground Surface Elev.:
_____ ft.

Depth to Limiting Factor:
_____ in.

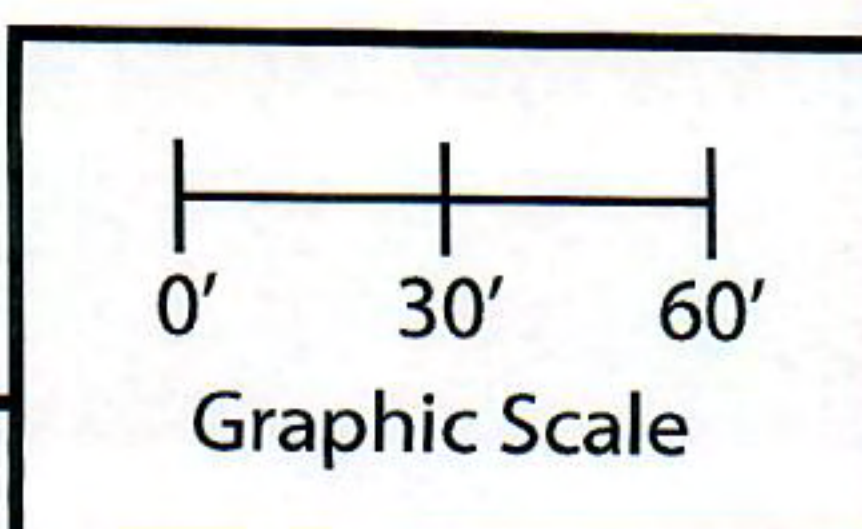
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

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

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



Lot 72 of Stone Ridge Phase III
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler IV, CST
 Date: 12/14/2021 Scale: 1" = 60'



Notes: Permanent benchmark to be set on-site at later date; Temporary BM: PLSS ¼ Sec. Corner on Ainsworth Rd., approximately 60' W of Lot 16 westerly lot line. Elevation - 1058.64'

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:	Waukesha
Parcel ID:	MV 0262998005
Reviewed by:	Date:

Property Owner Halquist; C/O: SEH Inc.				Property Location NW¼, S30, T8N, R19E			
Property Owner's Mailing Address 501 Maple Avenue				Lot # 73	Block#	Subd. Name or CSM# Stone Ridge III	
City Delafield	State WI	Zip Code 53018	Phone Number 414.949.8962	Municipality: Village of Merton		Nearest Road: Ainsworth Road	
<input checked="" type="checkbox"/> New Construction		Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: <u>4</u>		Code derived design flow rate: <u>600</u> GPD			
<input type="checkbox"/> Replacement		<input type="checkbox"/> Public or Commercial - Describe: _____		Parent Material: _____			
General Comments & Recommendations: Area suitable for mound system. Drawn box shows 110'x45' potential site.							

<u>73-1</u> Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1064.5</u> ft.	Depth to Limiting Factor: <u>19</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 11	7.5YR 3/2	-	I	2vfsbk	mfr	cs	1vf	0.6	0.8
2	11 - 19	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	19 - 40	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 25"							

<u>72-2</u> Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1071.4</u> ft.	Depth to Limiting Factor: <u>18</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 6	7.5YR 3/2	-	I	2vfsbk	mfr	cs	1vf	0.6	0.8
2	6 - 18	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	18 - 40	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 25"							

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

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

CST Name (Please Print) Morgan Butler IV	Signature <i>Morgan Butler IV</i>	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted 12/14/2021	Telephone Number (262) 650 - 2000

County:	Waukesha
Parcel ID:	MV 0262998005

74-1

Boring #

Boring
 Pit

Ground Surface Elev.:
1056.8 ft.

Depth to Limiting Factor:
18 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 8	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	8 - 18	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	18 - 45	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 30"							

74-3

Boring #

Boring
 Pit

Ground Surface Elev.:
1063.8 ft.

Depth to Limiting Factor:
17 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 7	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	7 - 17	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	17 - 36	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 20"							

SB10

Boring #

Boring
 Pit

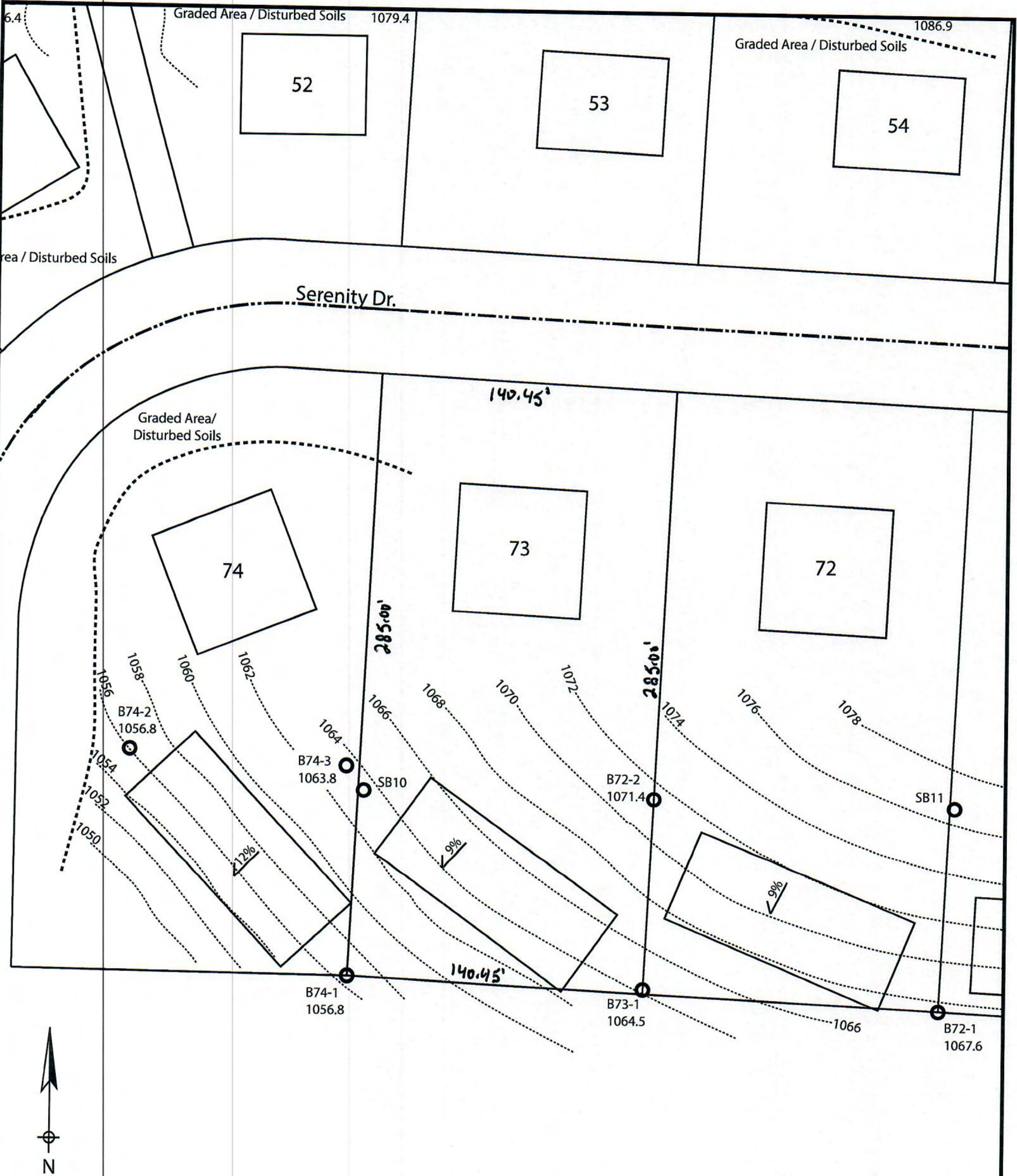
Ground Surface Elev.:
1063.8 ft.

Depth to Limiting Factor:
20 in.

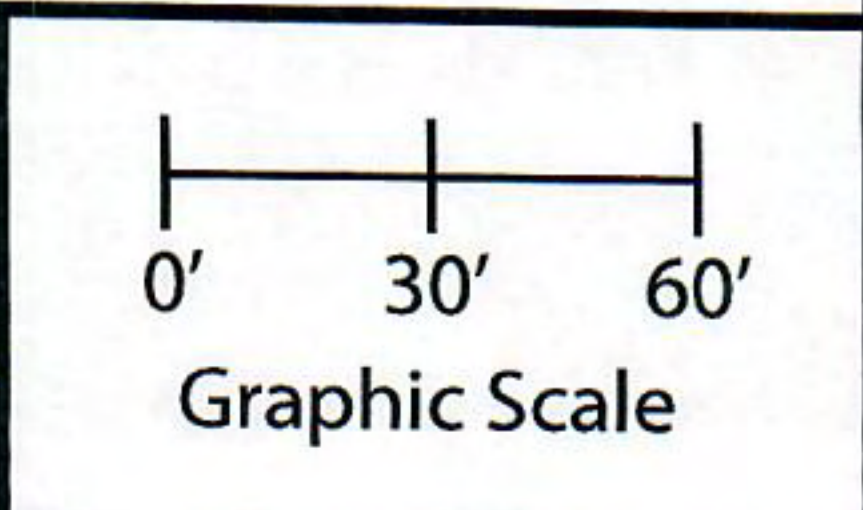
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 6	7.5YR 3/2	-	l	2fsbk	mfr	cw	1vf	0.6	0.8
2	6 - 20	7.5YR 4/4	-	grcl	2msbk	mfr	cw	-	0.4	0.6
3	20 - 96	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Saturated @ 50"							

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

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



Lot 73 of Stone Ridge Phase III
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler IV, CST
 Date: 12/14/2021 Scale: 1" = 60'



Notes: Permanent benchmark to be set on-site at later date; Temporary BM: PLSS ¼ Sec. Corner on Ainsworth Rd., approximately 60' W of Lot 16 westerly lot line. Elevation - 1058.64'

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: <u>Waukesha</u>	
Parcel ID: <u>MV 0262998005</u>	
Reviewed by:	Date:

Property Owner <u>Halquist; C/O: SEH Inc.</u>				Property Location <u>NW¼, S30, T8N, R19E</u>			
Property Owner's Mailing Address <u>501 Maple Avenue</u>				Lot # <u>74</u>	Block#	Subd. Name or CSM# <u>Stone Ridge III</u>	
City <u>Delafield</u>	State <u>WI</u>	Zip Code <u>53018</u>	Phone Number <u>414.949.8962</u>	Municipality: <u>Village of Merton</u>		Nearest Road: <u>Ainsworth Road</u>	
<input checked="" type="checkbox"/> New Construction		Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: <u>4</u>		Code derived design flow rate: <u>600</u> GPD			
<input type="checkbox"/> Replacement		<input type="checkbox"/> Public or Commercial - Describe: _____		Parent Material: _____			
General Comments & Recommendations: <u>Area suitable for mound system. Drawn box shows 110'x45' potential site.</u>							

<u>74-1</u> Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1056.8</u> ft.	Depth to Limiting Factor: <u>18</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 8	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	8 - 18	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	18 - 45	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 30"							

<u>74-2</u> Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1056.8</u> ft.	Depth to Limiting Factor: <u>25</u> in.
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Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 10	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	10 - 15	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	15 - 25	7.5YR 4/4	-	grcl	1fsbk	mfr	cw	1vf	0.2	0.3
4	25 - 45	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 30"							

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

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

CST Name (Please Print) <u>Morgan Butler IV</u>	Signature <u>Morgan Butler</u>	CST Number <u>1357852</u>
Address <u>N679 Tamarack Rd. Palmyra, WI 53156</u>	Date Evaluation Conducted <u>12/14/2021</u>	Telephone Number <u>(262) 650 - 2000</u>

County: Waukesha
Parcel ID: MV 0262998005

74-3

Boring #

Boring
 Pit

Ground Surface Elev.:
1063.8 ft.

Depth to Limiting Factor:
17 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 7	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	7 - 17	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	17 - 36	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 20"							

SB10

Boring #

Boring
 Pit

Ground Surface Elev.:
1063.8 ft.

Depth to Limiting Factor:
20 in.

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 6	7.5YR 3/2	-	l	2fsbk	mfr	cw	1vf	0.6	0.8
2	6 - 20	7.5YR 4/4	-	grcl	2msbk	mfr	cw	-	0.4	0.6
3	20 - 96	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Saturated @ 50"							

Boring #

Boring
 Pit

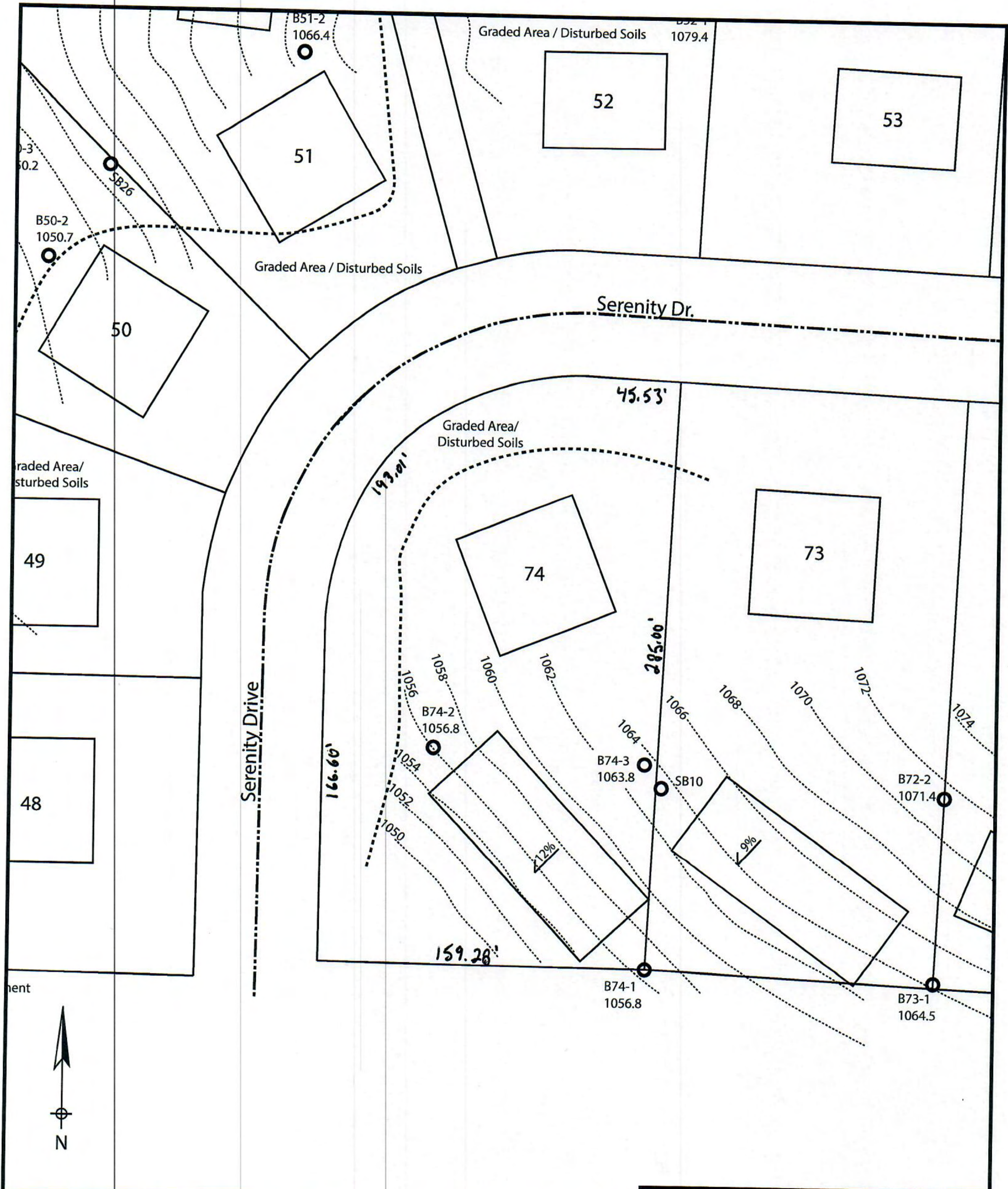
Ground Surface Elev.:
_____ ft.

Depth to Limiting Factor:
_____ in.

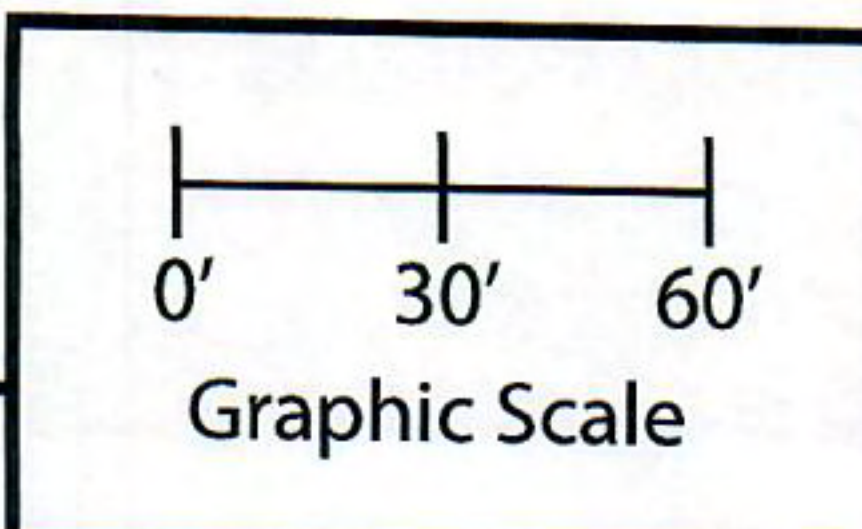
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

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

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



Lot 74 of Stone Ridge Phase III
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler IV, CST
 Date: 12/14/2021 Scale: 1" = 60'



Notes: Permanent benchmark to be set on-site at later date; Temporary BM: PLSS ¼ Sec. Corner on Ainsworth Rd., approximately 60' W of Lot 16 westerly lot line. Elevation - 1058.64'