

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 # 16	Block#	Subd. Name or CSM# Stone Ridge (Phase II)	
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: 4		Code derived design flow rate: 600 GPD			
<input type="checkbox"/> Replacement		<input type="checkbox"/> Public or Commercial - Describe:					
Parent Material: _____							
General Comments & Recommendations:							

B16-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1049.2</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 - 10	7.5YR 3/2	-	grl	2vfsbk	mfr	cs	1vf	0.6	0.8
2	10 - 18	7.5YR 3/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	18 - 36	7.5YR 7/6	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

B16-2	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1049.2</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	-	grl	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 7/6	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 6/26/2021	Telephone Number (262) 650 - 2000

County: Waukesha
 Parcel ID: MV 0262998005

B16-3

Boring #

Boring
 Pit

Ground Surface Elev.:
1045.1 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 - 7	7.5YR 3/2	-	grl	2vfsbk	mfr	cs	1vf	0.6	0.8
2	7 - 20	7.5YR 3/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	20 - 38	7.5YR 7/6	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

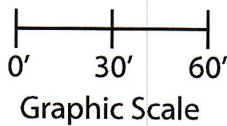
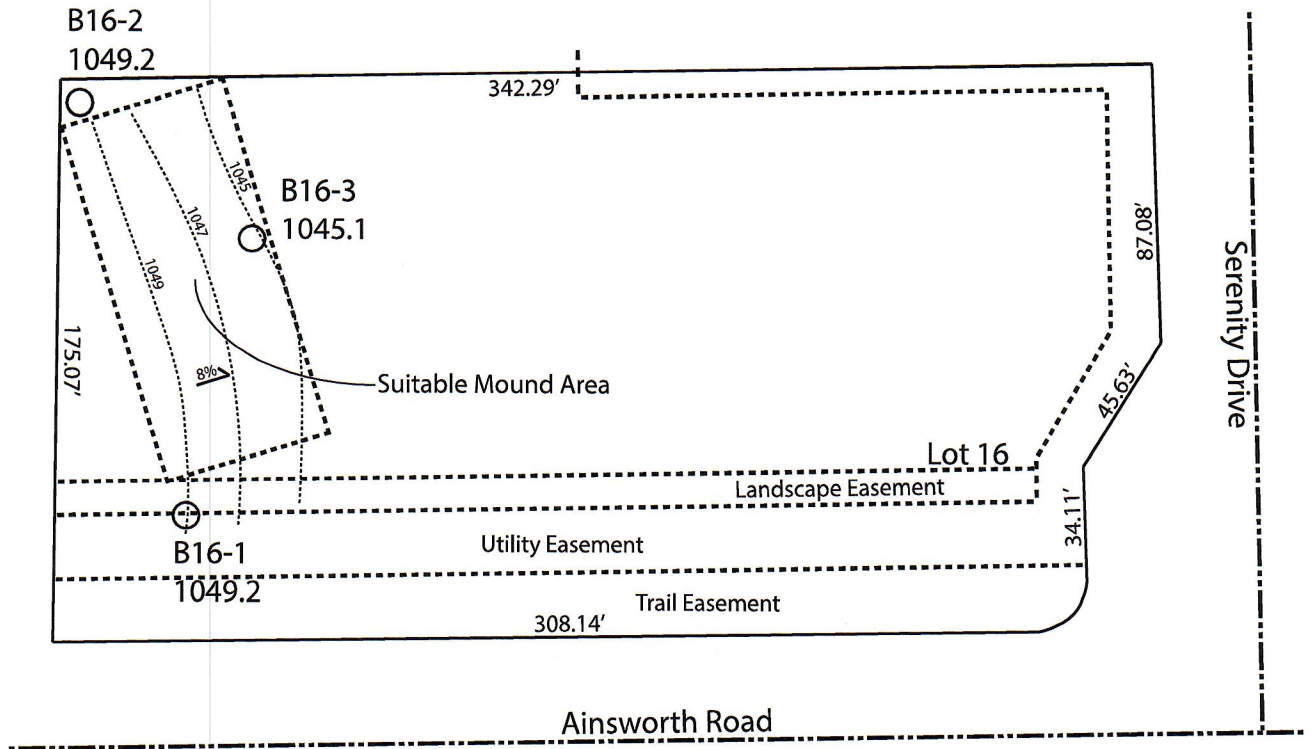
Ground Surface Elev.:
 _____ ft.

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 16 of Stone Ridge Phase II
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler IV, CST
 Date: Rev. 11/4/21 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.

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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 # 17	Block#	Subd. Name or CSM# Stone Ridge (Phase II)	
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:							

B17-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1046.3</u> ft.	Depth to Limiting Factor: <u>20</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	-	grl	2vfsbk	mfr	cs	1vf	0.6	0.8
2	9 - 20	7.5YR 6/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	20 - 36	7.5YR 7/6	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

B17-2	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1046.3</u> ft.	Depth to Limiting Factor: <u>20</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 - 10	7.5YR 3/2	-	grl	2vfsbk	mfr	cs	1vf	0.6	0.8
2	10 - 20	7.5YR 6/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	20 - 39	7.5YR 7/6	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 	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted 6/26/2021	Telephone Number (262) 650 - 2000

County: Waukesha
 Parcel ID: MV 0262998005

B17-3 Boring # Boring Pit
 Ground Surface Elev.: 1043.6 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 - 14	7.5YR 3/2	-	grsil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	14 - 22	7.5YR 3/4	-	grsicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	22 - 36	7.5YR 7/6	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

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

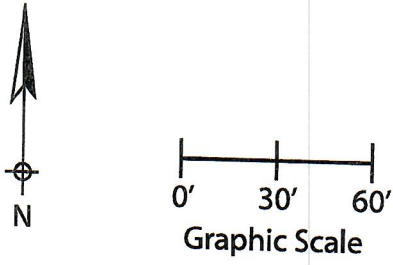
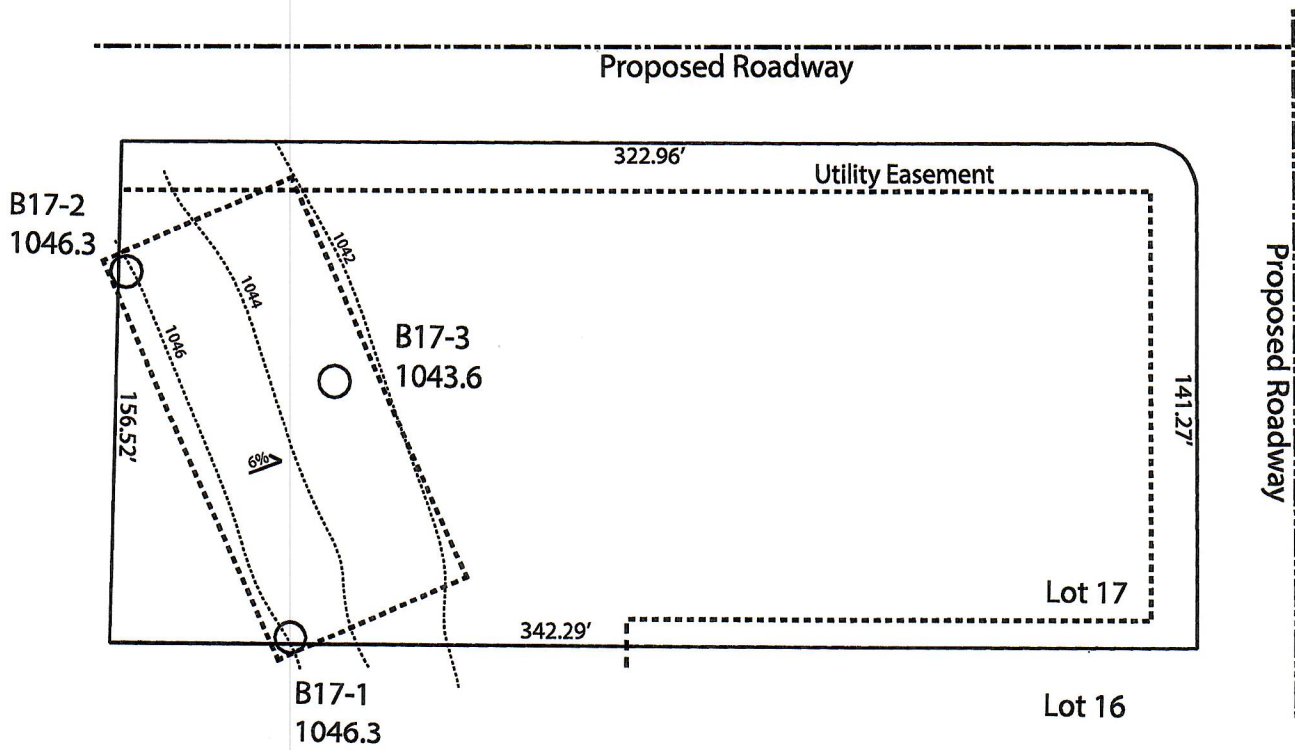
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

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 17 of Stone Ridge Phase II
Village of Merton, Waukesha County
Drawn by: Morgan Butler IV, CST
Date: Rev. 10/6/21 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

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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.

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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 # 18	Block#	Subd. Name or CSM# Stone Ridge (Phase 2)
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: 4		Code derived design flow rate: 600 GPD		
<input type="checkbox"/> Replacement		<input type="checkbox"/> Public or Commercial - Describe:				
Parent Material: _____						
General Comments & Recommendations: Area suitable for mound system						

B19-4	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.: 1028.4 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 - 9	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	9 - 26	7.5YR 3/4	-	grsl	2fsbk	mfr	cw	1vf	0.6	1.0
3	26 - 56	7.5YR 6/4	c1f 10YR 5/8, 6/2	grsl	1fsbk	mfr	-	-	0.4	0.7

B19-5	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.: 1028.4 ft.	Depth to Limiting Factor: 24 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	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	-	grscl	1fsbk	mfr	cw	-	0.2	0.3
4	24 - 36	7.5YR 6/4	c1f 10YR 5/8, 6/2	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 	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted 9/30/2021	Telephone Number (262) 650 - 2000

County: Waukesha
 Parcel ID: MV 0262998005

B19-6

Boring #

Boring
 Pit

Boring

Ground Surface Elev.:

1026.4 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 3/4	-	grscl	2fsbk	mfr	cw	1vf	0.4	0.6
3	25 - 45	7.5YR 6/4	c1f 10YR 5/8, 6/2	grsl	1fsbk	mfr	-	-	0.4	0.7

B18-1

Boring #

Boring
 Pit

Boring

Ground Surface Elev.:

1034.9 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 - 12	7.5YR 3/2	-	grsil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	12 - 24	7.5YR 3/4	-	grsicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	24 - 36	7.5YR 7/6	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

B18-2

Boring #

Boring
 Pit

Boring

Ground Surface Elev.:

1034.9 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 - 7	7.5YR 3/2	-	grsil	2vfsbk	mfr	cs	1vf	0.8	0.8
2	7 - 14	7.5YR 3/4	-	grsicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	14 - 32	7.5YR 7/6	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

County: Waukesha
 Parcel ID: MV 0262998005

B18-3 Boring # Boring Pit
 Ground Surface Elev.: 1032.5 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 - 10	7.5YR 3/2	-	grsil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	10 - 17	7.5YR 3/4	-	grscl	2fsbk	mfr	cw	1vf	0.4	0.6
3	17 - 32	7.5YR 7/6	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

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

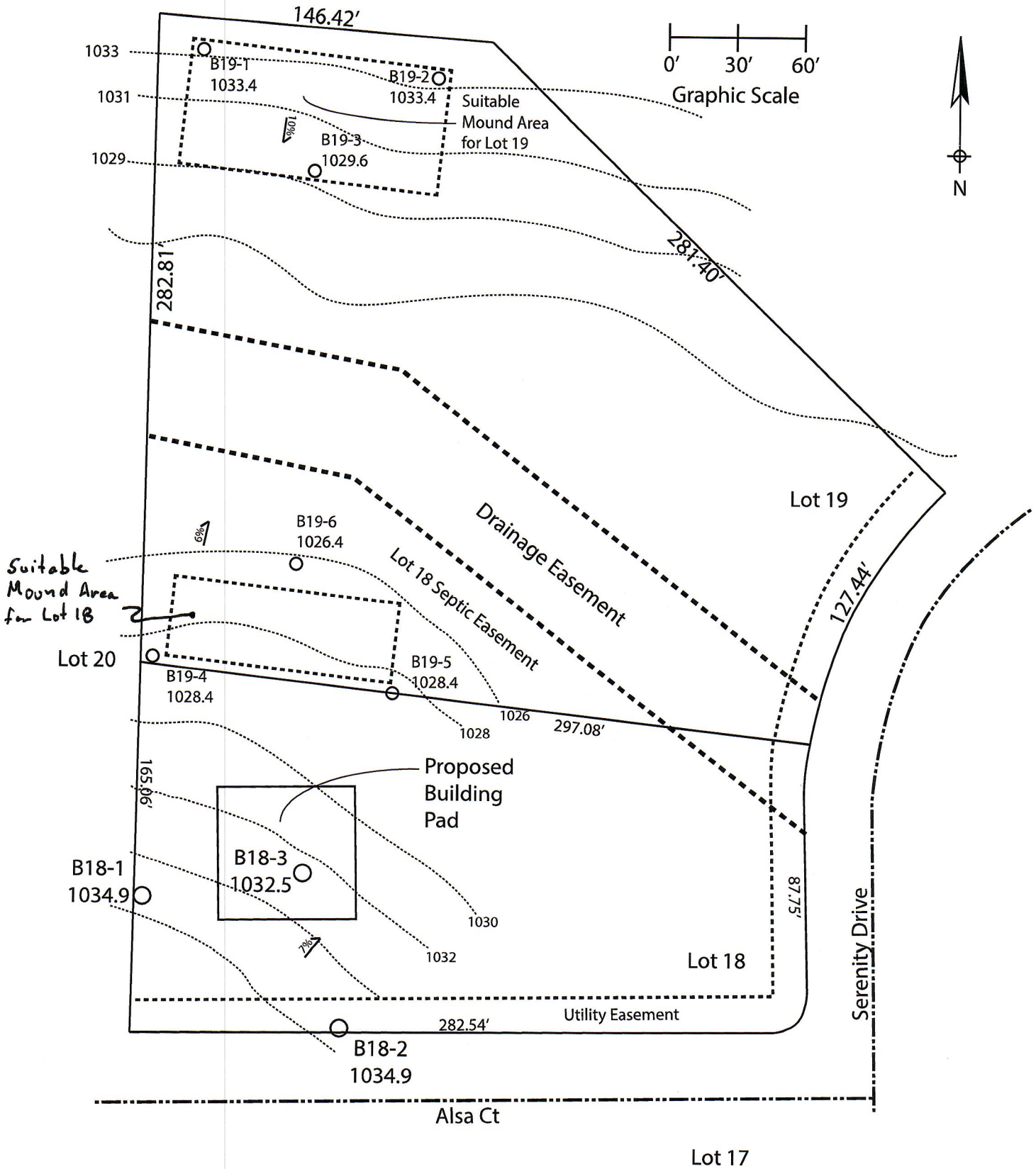
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

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



Notes:

Area south of Lot 19 Drainage Easement constitutes Lot 18 Septic Easement

Lot 18 Mound component and 15' downslope area must be entirely within Lot 18 Septic Easement area

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'

Lot 18 & 19 of Stone Ridge Phase II
Village of Merton, Waukesha County
Drawn by: Morgan Butler IV, CST
Date: Rev. 11/4/21 Scale: 1" = 60'

SOIL EVALUATION REPORT

In accordance with SPS 385, Wis. Adm. Code

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County: Waukesha
Parcel ID: LSBT0262999
Reviewed by: _____ Date: _____

Property Owner Halquist; C/O: SEH Inc.		Property Location S½, NW¼, S30, T8N, R19E	
Property Owner's Mailing Address 501 Maple Avenue		Lot # 19	Block#
City Delafield	State WI	Zip Code 53018	Phone Number 414.949.8962
Municipality: Town of Lisbon		Subd. Name or CSM# Stone Ridge (Phase 2)	
Nearest Road: Ainsworth Road			
<input checked="" type="checkbox"/> New Construction	Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: 4	Code derived design flow rate: 600 GPD	
<input type="checkbox"/> Replacement	<input type="checkbox"/> Public or Commercial - Describe: _____		
Parent Material: _____			
General Comments & Recommendations: Borings observed by Marc Schultz, Waukesha County LURM on			

19-1 Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: 1033.4 ft.	Depth to Limiting Factor: 60 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 - 20	7.5YR 3/2	-	sil	2fsbk	mfr	cw	1vf	0.6	0.8
2	20 - 36	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	36 - 48	7.5YR 5/4	-	sicl	1fsbk	mfr	gw	1vf	0.2	0.3
4	48 - 60	7.5YR 5/4	-	grsicl	1fsbk	mfr	gw	-	0.2	0.3
5	60 - 84	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 55"							

19-2 Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: 1033.4 ft.	Depth to Limiting Factor: 56 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 - 12	7.5YR 3/2	-	sil	2fsbk	mfr	cw	2m	0.6	0.8
2	12 - 40	7.5YR 4/4	-	sicl	2fsbk	mfr	gw	2f	0.4	0.6
3	40 - 56	7.5YR 6/2	-	sicl	1fsbk	mfr	cw	1vf	0.2	0.3
4	56 - 75	7.5YR 6/4	f1f 10YR 5/8 bands	grsl	1fsbk	mfr	gw	-	0.4	0.7
5	75 - 90	7.5YR 6/6	f1f 10YR 5/8 bands	grs	0sg	ml	-	-	0.7	1.6

*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 	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted 9/30/2021	Telephone Number (262) 650 - 2000

County: Waukesha
 Parcel ID: LSBT0262999

19-3 Boring # Boring Pit
 Ground Surface Elev.: 1029.6 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 - 18	7.5YR 3/2	-	sil	2fsbk	mfr	cw	1vf	0.6	0.8
2	18 - 30	7.5YR 4/4	-	sicl	2fsbk	mfr	gw	1vf	0.4	0.6
3	30 - 48	7.5YR 4/4	f1f 10YR 5/8	sicl	1fsbk	mfr	gw	-	0.2	0.3
4	48 - 75	7.5YR 6/4	f1f 10YR 5/8	grsicl	1fsbk	mfr	-	-	0.2	0.3

B19-4 Boring # Boring Pit
 Ground Surface Elev.: 1028.4 ft. Depth to Limiting Factor: 26 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 - 26	7.5YR 3/4	-	grsl	2fsbk	mfr	cw	1vf	0.6	1.0
3	26 - 56	7.5YR 6/4	c1f 10YR 5/8, 6/2	grsl	1fsbk	mfr	-	-	0.4	0.7

B19-5 Boring # Boring Pit
 Ground Surface Elev.: 1028.4 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	-	grscl	1fsbk	mfr	cw	-	0.2	0.3
4	24 - 36	7.5YR 6/4	c1f 10YR 5/8, 6/2	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

County:	Waukesha
Parcel ID:	LSBT0262999

B19-6

Boring #

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

Ground Surface Elev.:
1026.4 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 3/4	-	grscl	2fsbk	mfr	cw	1vf	0.4	0.6
3	25 - 45	7.5YR 6/4	c1f 10YR 5/8, 6/2	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

Boring #

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

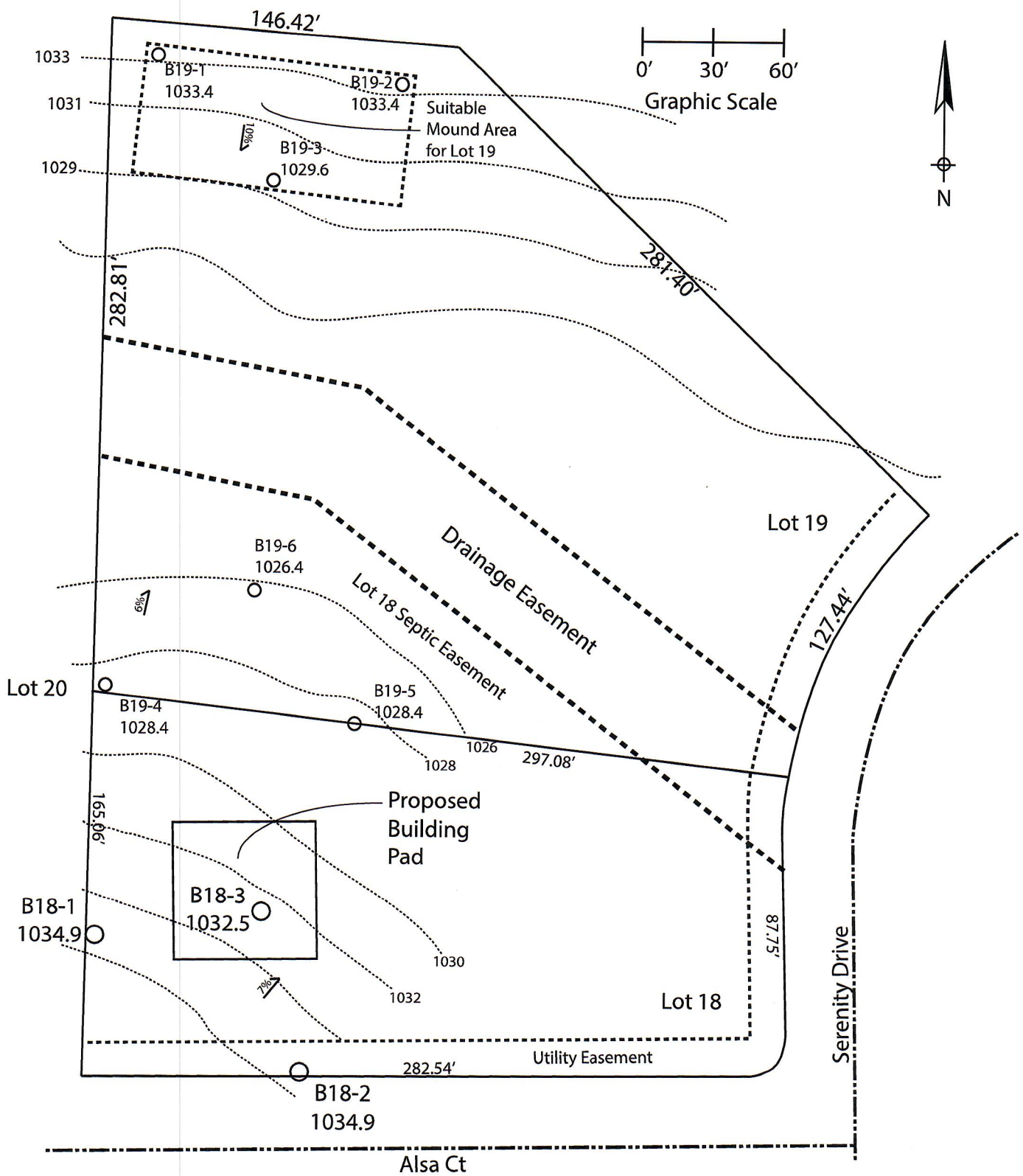
Ground Surface Elev.:
 _____ ft.

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



Notes:

Area south of Lot 19 Drainage Easement constitutes Lot 18 Septic Easement

Lot 18 Mound component and 15' downslope area must be entirely within Lot 18 Septic Easement area

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'

Lot 18 & 19 of Stone Ridge Phase II
Village of Merton, Waukesha County
Drawn by: Morgan Butler IV, CST
Date: Rev. 11/4/21 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: NW 1/4, S30, T8N, R19E
Property Owner's Mailing Address: 501 Maple Avenue Lot #: 20 Block #: _____ Subd. Name or CSM#: Stone Ridge II
City: Delafield State: WI Zip Code: 53018 Phone Number: 414.949.8962 Municipality: Village of Merton Nearest Road: Ainsworth Road
 New Construction Use: Residential/Number of Bedrooms: 4 Code derived design flow rate: 600 GPD
 Replacement Public or Commercial - Describe: _____
Parent Material: _____ Borings observed by Mitch Buehler, Waukesha Co. Dept. of Environmental Health; Area suitable for A+4 mound system

20-1 Boring # Boring Pit Ground Surface Elev.: 1028.4 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 - 8	7.5YR 3/2	-	sil	2vfsbk	mfr	cs	2vf	0.6	0.8
2	8 - 12	7.5YR 3/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	12 - 21	7.5YR 5/4	f1f 10YR 5/8	grscl	1fsbk	mfr	cw	-	0.2	0.3
4	21 - 40	7.5YR 6/4	f1f 10YR 5/8, 6/2	grsl	1fsbk	mfr	-	-	0.4	0.7

20-2 Boring # Boring Pit Ground Surface Elev.: 1025.9 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 - 9	7.5YR 3/2	-	sil	2vfsbk	mfr	cs	2vf	0.6	0.8
2	9 - 20	7.5YR 3/2	f1f 10YR 5/8, 6/2	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
3	20 - 26	7.5YR 2/1	-	sicl	1fsbk	mfr	cw	1vf	0.2	0.3
4	26 - 36	7.5YR 5/4	f1f 10YR 5/8, 6/2	grsicl	1fsbk	mfr	cw	-	0.2	0.3
5	36 - 55	7.5YR 5/4	m1d 10YR 5/8, 6/2	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 Morgan Butler IV CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156 Date Evaluation Conducted 10/6/2021 - Rev. 1 Telephone Number (262) 650 - 2000

County:	Waukesha
Parcel ID:	MV 0262998005

20-3

Boring #

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

Ground Surface Elev.:
1030.7 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 - 8	7.5YR 3/2	-	sil	2vfsbk	mfr	cs	2vf	0.6	0.8
2	8 - 13	7.5YR 3/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	13 - 22	7.5YR 5/4	f1f 10YR 5/8	grscl	1fsbk	mfr	cw	-	0.2	0.3
4	22 - 45	7.5YR 6/4	f1f 10YR 5/8, 6/2	grsl	1fsbk	mfr	-	-	0.4	0.7

19-4

Boring #

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

Ground Surface Elev.:
1028.4 ft.

Depth to Limiting Factor:
26 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 - 26	7.5YR 3/4	-	grsl	2fsbk	mfr	cw	1vf	0.6	1.0
3	26 - 56	7.5YR 6/4	c1f 10YR 5/8, 6/2	grsl	1fsbk	mfr	-	-	0.4	0.7

Boring #

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

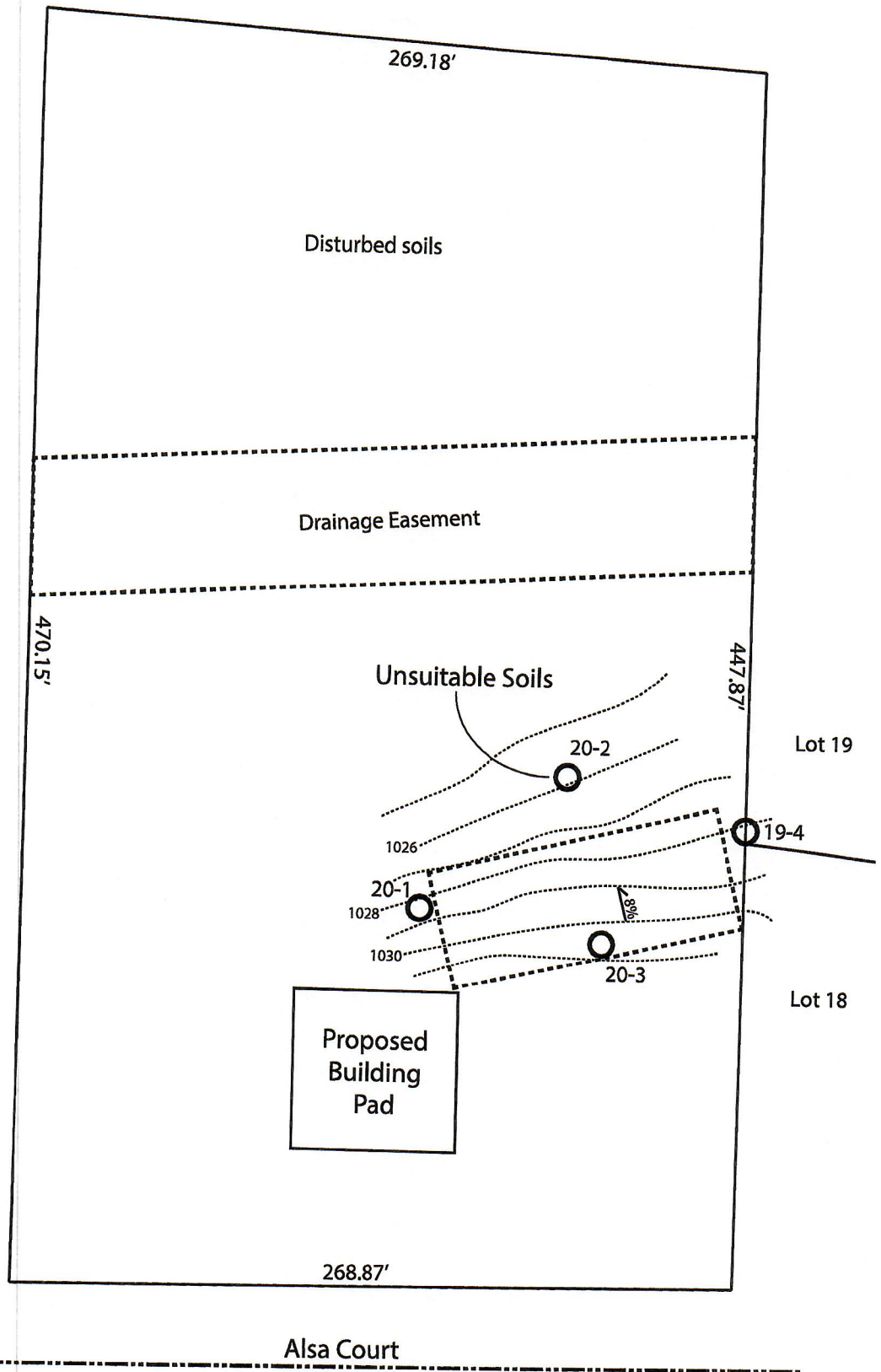
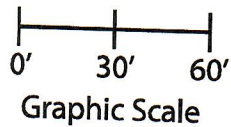
Ground Surface Elev.:
 _____ ft.

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



Lot 20 of Stone Ridge Phase II
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler IV, CST
 Date: Rev. 11/4/21 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 # 21	Block#	Subd. Name or CSM# Stone Ridge II	
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: Borings 1-3 observed by Mitch Buehler, Waukesha Co. Dept. of Environmental Health; Area suitable for A+4 mound system							

21-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1027.9</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 - 8	7.5YR 3/2	-	sil	2vfsbk	mfr	cs	2vf	0.6	0.8
2	8 - 17	7.5YR 3/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	17 - 24	7.5YR 5/4	f1f 10YR 5/8	grscl	1fsbk	mfr	cw	-	0.2	0.3
4	24 - 45	7.5YR 6/4	f1f 10YR 5/8, 6/2	grsl	1fsbk	mfr	-	-	0.4	0.7

21-2	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1022.7</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 - 10	7.5YR 3/2	-	sil	2vfsbk	mfr	cs	2vf	0.6	0.8
2	10 - 16	7.5YR 3/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	16 - 21	7.5YR 5/4	f1f 10YR 5/8	grscl	1fsbk	mfr	cw	-	0.2	0.3
4	21 - 36	7.5YR 6/4	f1f 10YR 5/8, 6/2	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</i>	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted Rev. 1 - 11/11/21	Telephone Number (262) 650 - 2000

County: Waukesha
Parcel ID: MV 0262998005

21-3 Boring # Boring Pit Ground Surface Elev.: 1022.7 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 - 8	7.5YR 3/2	-	sil	2vfsbk	mfr	cs	2vf	0.6	0.8
2	8 - 12	7.5YR 3/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	12 - 21	7.5YR 5/4	f1f 10YR 5/8	grscl	1fsbk	mfr	cw	-	0.2	0.3
4	21 - 40	7.5YR 6/4	f1f 10YR 5/8, 6/2	grsl	1fsbk	mfr	-	-	0.4	0.7

21-4 Boring # Boring Pit Ground Surface Elev.: 1020.3 ft. Depth to Limiting Factor: 17 in.

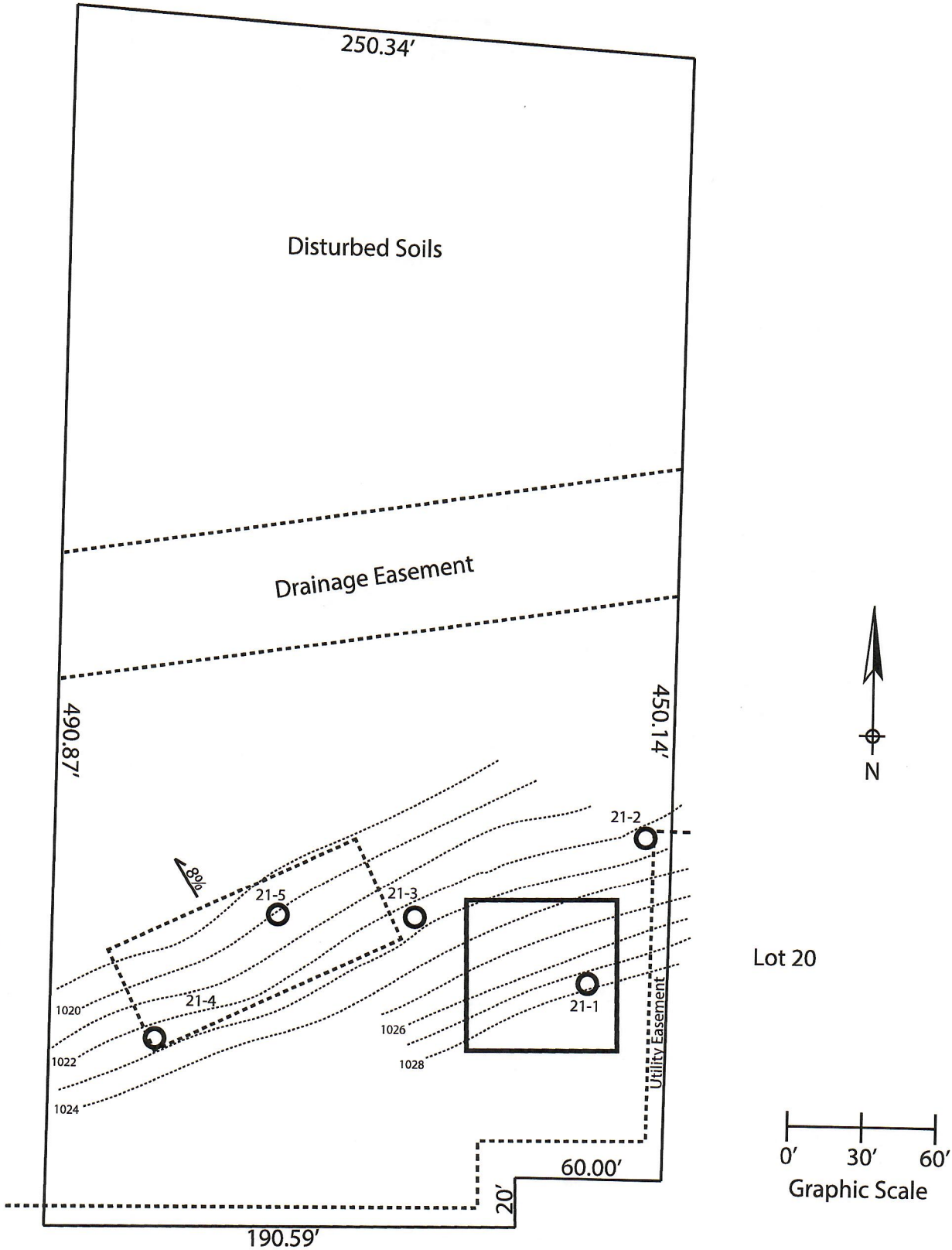
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 11	7.5YR 3/2	-	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	11 - 17	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	17 - 33	7.5YR 4/4	f1f 10YR 5/8	sicl	1fsbk	mfr	gw	1vf	0.2	0.3
4	33 - 42	7.5YR 5/4	f1f 10YR 5/8	grsicl	1fsbk	mfr	cw	-	0.2	0.3
5	42 - 52	7.5YR 5/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 20"							

21-5 Boring # Boring Pit Ground Surface Elev.: 1022.7 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 - 33	7.5YR 3/4	f1f 10YR 5/8	grcl	1fsbk	mfr	cw	-	0.2	0.3
4	33 - 46	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



Lot 21 of Stone Ridge Phase II
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler IV, CST
 Date: Rev. 11/11/21 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 # 22	Block#	Subd. Name or CSM# Stone Ridge II	
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 A+4 mound system							

22-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1017.5</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	2vf	0.6	0.8
2	10 - 18	7.5YR 3/3	c1f 10YR 5/8, 6/2	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	18 - 28	7.5YR 3/4	f1f 10YR 5/8, 6/2	grcl	1fsbk	mfr	cw	-	0.2	0.3
4	28 - 48	7.5YR 6/4	c1f 10YR 5/8, 6/2	grsl	1fsbk	mfr	-	-	0.4	0.7

22-2	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1035.3</u> ft.	Depth to Limiting Factor: <u>13</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	2vf	0.6	0.8
2	9 - 13	7.5YR 3/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	13 - 33	7.5YR 5/4	f1f 10YR 5/8	grscl	1fsbk	mfr	cw	-	0.2	0.3
4	33 - 45	7.5YR 6/4	f1f 10YR 5/8, 6/2	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</i>	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted Rev. 1 - 11/11/21	Telephone Number (262) 650 - 2000

County: Waukesha
 Parcel ID: MV 0262998005

22-3 Boring # Boring
 Pit Ground Surface Elev.: 1029.9 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 - 9	7.5YR 3/2	-	sil	2vfsbk	mfr	cs	2vf	0.6	0.8
2	9 - 17	7.5YR 3/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	17 - 30	7.5YR 5/4	f1f 10YR 5/8	grscl	1fsbk	mfr	cw	-	0.2	0.3
4	30 - 45	7.5YR 6/4	f1f 10YR 5/8, 6/2	grsl	1fsbk	mfr	-	-	0.4	0.7

22-4 Boring # Boring
 Pit Ground Surface Elev.: 1026.7 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	2vf	0.6	0.8
2	7 - 12	7.5YR 3/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	12 - 28	7.5YR 5/4	f1f 10YR 5/8	grscl	1fsbk	mfr	cw	-	0.2	0.3
4	28 - 44	7.5YR 6/4	f1f 10YR 5/8, 6/2	grsl	1fsbk	mfr	-	-	0.4	0.7

22-5 Boring # Boring
 Pit Ground Surface Elev.: 1023.9 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 - 10	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	10 - 19	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	19 - 32	7.5YR 3/4	f1f 10YR 5/8	grcl	1fsbk	mfr	cw	-	0.2	0.3
4	32 - 54	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

Lot 4

78.40'

248.79'

Lot 22 of Stone Ridge Phase II
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler IV, CST
 Date: Rev. 11/11/21 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'

Drainage Easement

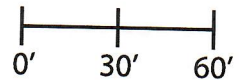
490.87'

246.90'

Lot 21



22-1



Graphic Scale

190.59'

22-5

22-4

1025

1027

1029

1031

1033

1.5%

444.35'

22-3

1035

22-2

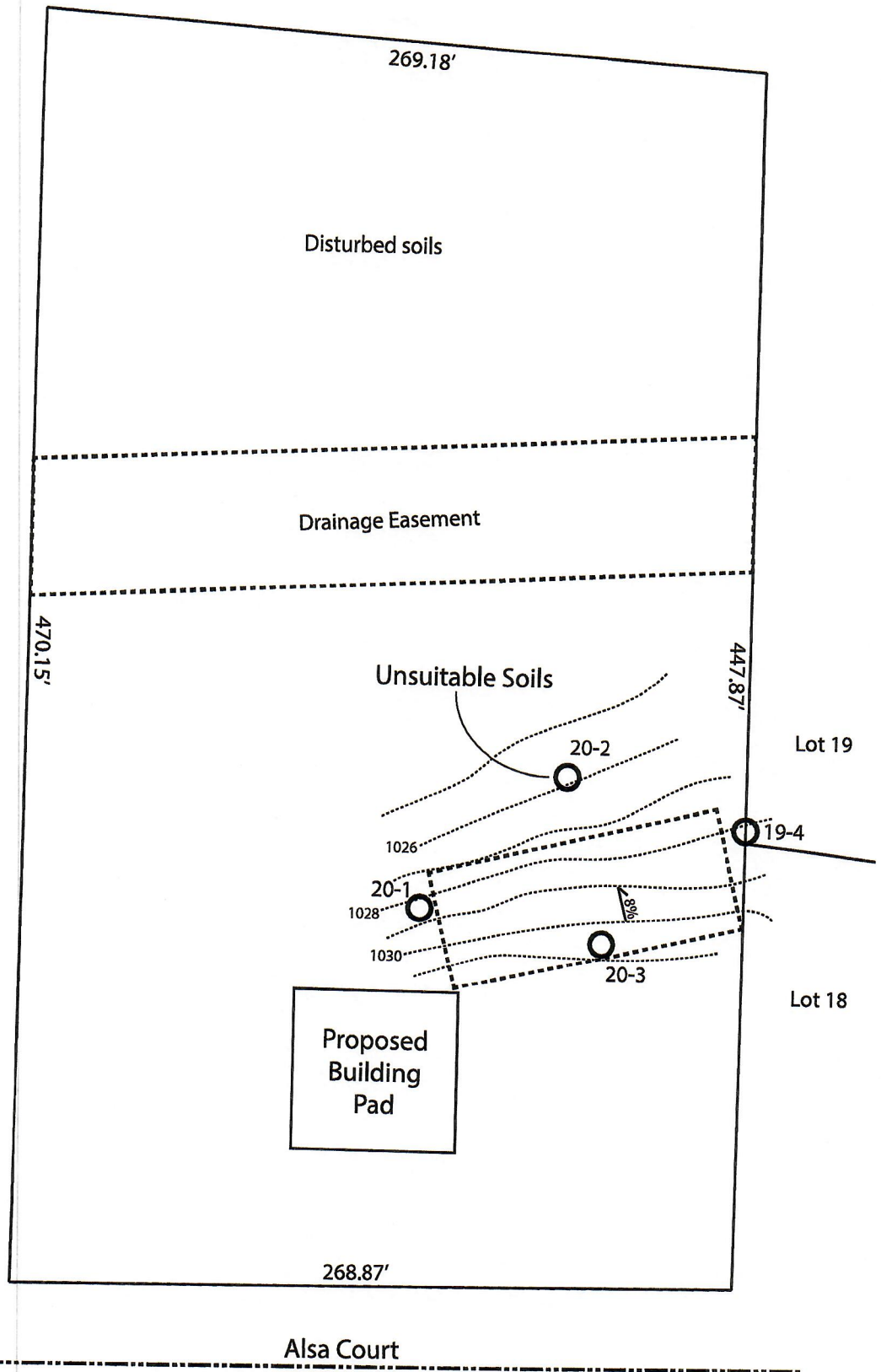
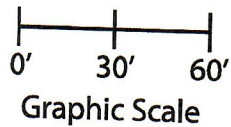
Alsa Ct

60.00'

Lot 11

Lot 12

Lot 13



Lot 21

Lot 19

Lot 18

Alsa Court

Lot 20 of Stone Ridge Phase II
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler IV, CST
 Date: Rev. 11/4/21 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 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: NW 1/4, S30, T8N, R19E
Property Owner's Mailing Address: 501 Maple Avenue Lot #: 23 Block #: _____ Subd. Name or CSM#: Stone Ridge (Phase II)
City: Delafield State: WI Zip Code: 53018 Phone Number: 414.949.8962 Municipality: Village of Merton Nearest Road: Ainsworth Road
 New Construction Use Residential/Number of Bedrooms: 4 Code derived design flow rate: 600 GPD
 Replacement : Public or Commercial - Describe: _____
Parent Material: _____

General Comments & Recommendations:

B23-1 Boring # Boring Pit Ground Surface Elev.: 1035.3 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 - 17	7.5YR 3/2	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
2	17 - 31	7.5YR 4/4	f1d 10YR 5/8, 6/2	sicl	2msbk	mfr	cw	1vf	0.4	0.6
3	31 - 41	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

B23-2 Boring # Boring Pit Ground Surface Elev.: 1033.5 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 - 10	7.5YR 3/2	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
2	10 - 18	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	18 - 29	7.5YR 4/4	c1f 10YR 5/8, 6/2	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
4	29 - 38	7.5YR 3/4	-	grcl	1fsbk	mfr	cw	1vf	0.4	0.6
5	38 - 43	7.5YR 5/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.2	0.3
									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: Morgan Butler IV CST Number: 1357852
Address: N679 Tamarack Rd. Palmyra, WI 53156 Date Evaluation Conducted: 6/26/2021 Telephone Number: (262) 650 - 2000

County: Waukesha
Parcel ID: MV 0262998005

B23-3

Boring #

Boring
 Pit

Ground Surface Elev.:
1035.3 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 - 8	7.5YR 3/2	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
2	8 - 17	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	17 - 32	7.5YR 5/4	f1f 10YR 5/8, 6/2	sil	1fsbk	mfr	cw	-	0.4	0.6
4	32 - 42	7.5YR 5/6	f1f 10YR 5/8	fsl	1fsbk	mfr	-	-	0.2	0.6

B23-4

Boring #

Boring
 Pit

Ground Surface Elev.:
1048.5 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 - 9	7.5YR 3/3	-	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 - 30	7.5YR 3/4	f1f 10YR 5/8	grcl	1fsbk	mfr	cw	1vf	0.2	0.3
4	30 - 38	7.5YR 6/4	f1f 10YR 5/8, 6/2	grsl	1fsbk	mfr	-	-	0.4	0.7

B23-5

Boring #

Boring
 Pit

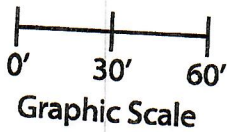
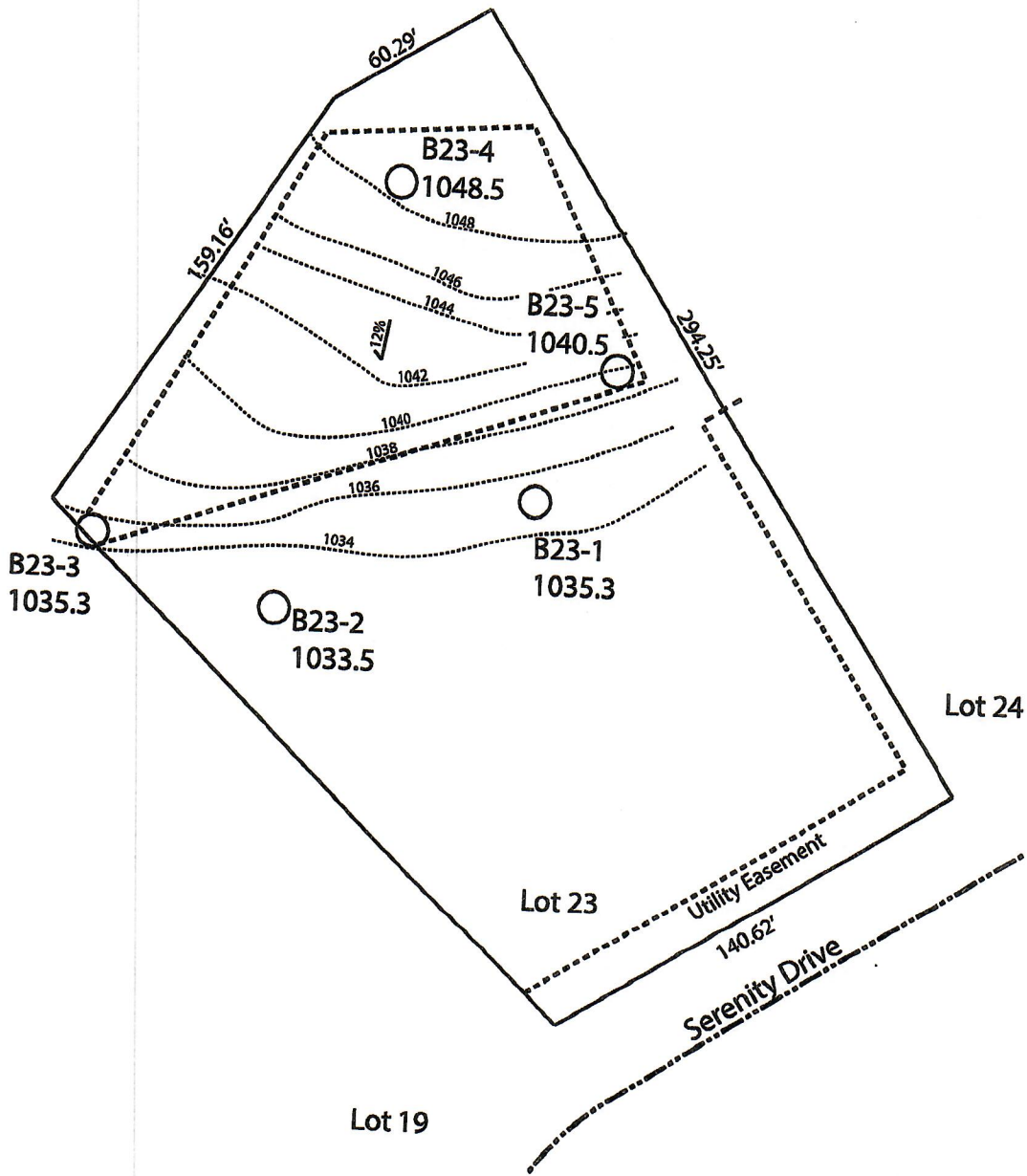
Ground Surface Elev.:
1040.5 ft.

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	-	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	8 - 16	7.5YR 3/4	-	sil	2fsbk	mfr	cw	1vf	0.4	0.6
3	16 - 24	7.5YR 4/4	f1f 10YR 5/8	sicl	1fsbk	mfr	cw	-	0.2	0.3
4	24 - 34	7.5YR 5/6	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



Lot 23 of Stone Ridge Phase II
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler IV, CST
 Date: Rev. 10/6/21 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 1050.11

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 #: 24 Block#: _____ Subd. Name or CSM#: Stone Ridge (Phase II)
City: Delafield State: WI Zip Code: 53018 Phone Number: 414.949.8962 Municipality: Village of Merton Nearest Road: Ainsworth Road
 New Construction Use Residential/Number of Bedrooms: 4 Code derived design flow rate: 600 GPD
 Replacement : Public or Commercial - Describe: _____
Parent Material: _____

General Comments & Recommendations:

B24-1 Boring # Boring Pit Ground Surface Elev.: 1034.2 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 - 11	7.5YR 3/2	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
2	11 - 33	7.5YR 3/4	c1d 10YR 5/8, 6/2	sicl	2msbk	mfr	cw	1vf	0.4	0.6
3	33 - 44	7.5YR 4/4	-	grsicl	1msbk	mfr	cw	-	0.2	0.3
4	44 - 60	7.5YR 5/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

B24-2 Boring # Boring Pit Ground Surface Elev.: 1031.2 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	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
2	7 - 17	7.5YR 3/4	c1f 10YR 5/8, 6/2	sicl	1fsbk	mfi	gw	-	0.2	0.3
3	17 - 38	7.5YR 5/4	m1d 10YR 5/8, 6/2	sicl	1fsbk	mfi	-	-	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: Morgan Butler CST Number: 1357852
Address: N679 Tamarack Rd. Palmyra, WI 53156 Date Evaluation Conducted: 6/26/2021 Telephone Number: (262) 650 - 2000

County: Waukesha
 Parcel ID: MV 0262998005

B24-3

Boring #

Boring
 Pit

Ground Surface Elev.:
1040.9 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 - 6	7.5YR 3/2	-	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	6 - 12	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	12 - 21	7.5YR 3/4	-	grcl	1fsbk	mfr	cw	-	0.2	0.3
4	21 - 45	7.5YR 6/4	f1f 10YR 5/8, 6/2	grsl	1fsbk	mfr	-	-	0.4	0.7

B24-4

Boring #

Boring
 Pit

Ground Surface Elev.:
1042.3 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 - 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 - 30	7.5YR 3/4	f1f 10YR 5/8	grcl	1fsbk	mfr	cw	-	0.2	0.3
4	30 - 38	7.5YR 6/4	f1f 10YR 5/8, 6/2	grsl	1fsbk	mfr	-	-	0.4	0.7

B24-5

Boring #

Boring
 Pit

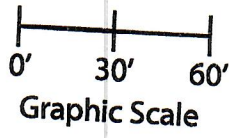
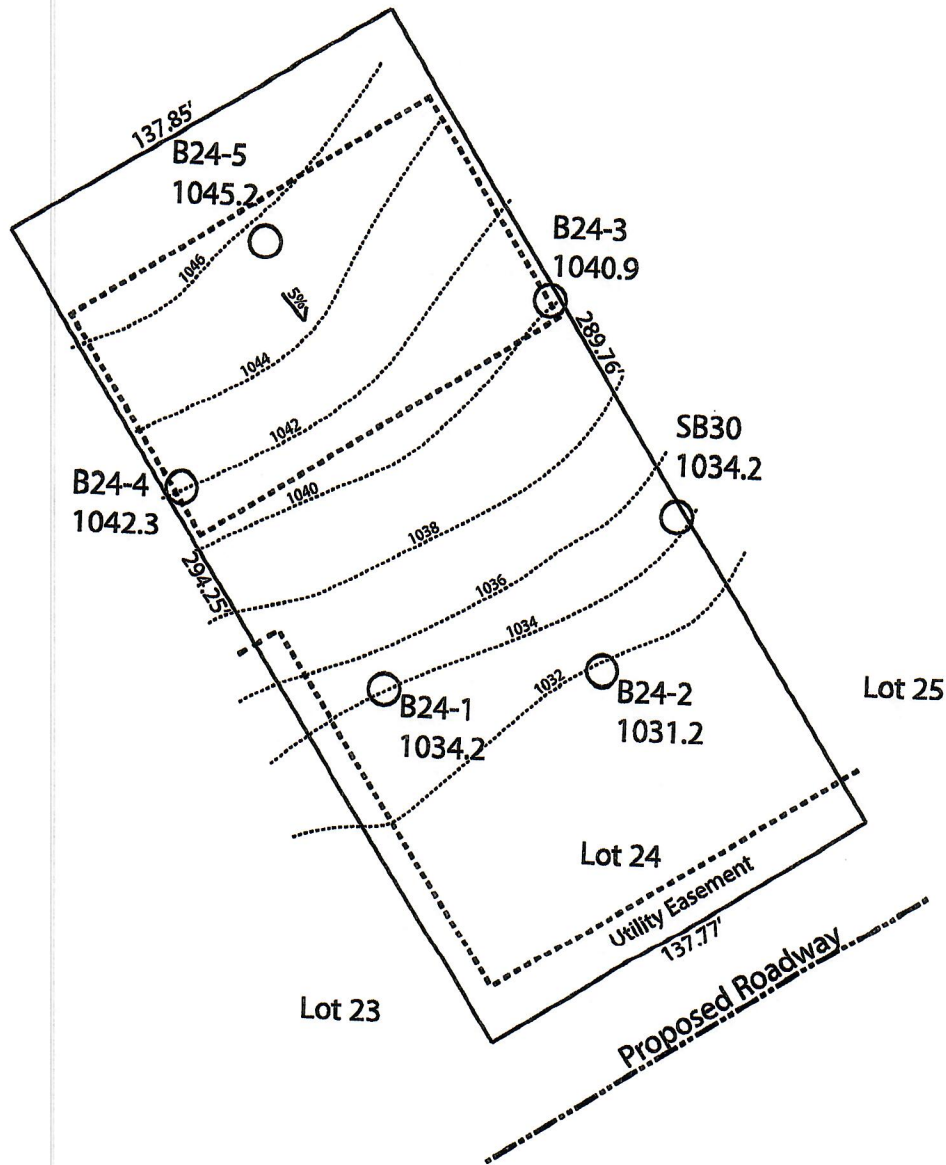
Ground Surface Elev.:
1045.2 ft.

Depth to Limiting Factor:
26 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 - 18	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	18 - 26	7.5YR 3/4	-	grcl	1fsbk	mfr	cw	-	0.2	0.3
4	26 - 40	7.5YR 6/4	f1f 10YR 5/8, 6/2	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 24 of Stone Ridge Phase II
Village of Merton, Waukesha County
Drawn by: Morgan Butler IV, CST
Date: Rev. 10/6/21 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 1059.64'

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: NW 1/4, S30, T8N, R19E
 Property Owner's Mailing Address: 501 Maple Avenue Lot #: 25 Block #: _____ Subd. Name or CSM#: Stone Ridge (Phase II)
 City: Delafield State: WI Zip Code: 53018 Phone Number: 414.949.8962 Municipality: Village of Merton Nearest Road: Ainsworth Road
 New Construction Use Residential/Number of Bedrooms: 4 Code derived design flow rate: 600 GPD
 Replacement : Public or Commercial - Describe: _____
 Parent Material: _____

General Comments & Recommendations: _____

B25-1 Boring # Boring Pit Ground Surface Elev.: 1033.9 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 - 8	7.5YR 3/2	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
2	8 - 12	7.5YR 4/4	-	cl	2msbk	mfr	cw	1vf	0.4	0.6
3	12 - 27	7.5YR 5/4	c1f 10YR 5/8, 6/2	sicl	2msbk	mfr	cw	-	0.4	0.6
4	27 - 37	7.5YR 5/4	c1d 10YR 5/8, 6/2	sicl	1msbk	mfr	-	-	0.2	0.3

B25-2 Boring # Boring Pit Ground Surface Elev.: 1033.9 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 - 9	7.5YR 3/2	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
2	9 - 13	7.5YR 4/4	-	sicl	2msbk	mfr	cw	1vf	0.4	0.6
3	13 - 18	7.5YR 4/4	f1f 10YR 5/8	sicl	1msbk	mfr	cw	-	0.2	0.3
4	18 - 36	7.5YR 4/4	c2d 10YR 5/8, 6/2	sicl	1msbk	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 Morgan Butler IV CST Number 1357852
 Address N679 Tamarack Rd. Palmyra, WI 53156 Date Evaluation Conducted 6/26/2021 Telephone Number (262) 650 - 2000

County: Waukesha
 Parcel ID: MV 0262998005

B25-3

Boring #

Boring
 Pit

Ground Surface Elev.:
1036.2 ft.

Depth to Limiting Factor:
26 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	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
2	8 - 19	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	19 - 26	7.5YR 4/4	-	grcl	1fsbk	mfr	cw	-	0.2	0.3
4	26 - 36	7.5YR 4/4	f1f 10YR 5/8, 6/2	grsl	1fsbk	mfr	-	-	0.4	0.7

B25-4

Boring #

Boring
 Pit

Ground Surface Elev.:
1032.2 ft.

Depth to Limiting Factor:
15 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	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
2	10 - 15	7.5YR 4/4	-	sicl	2msbk	mfr	cw	1vf	0.4	0.6
3	15 - 32	7.5YR 4/4	c1f 10YR 5/8, 6/2	sicl	1fsbk	mfr	-	-	0.2	0.3

Boring #

Boring
 Pit

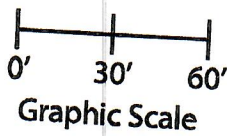
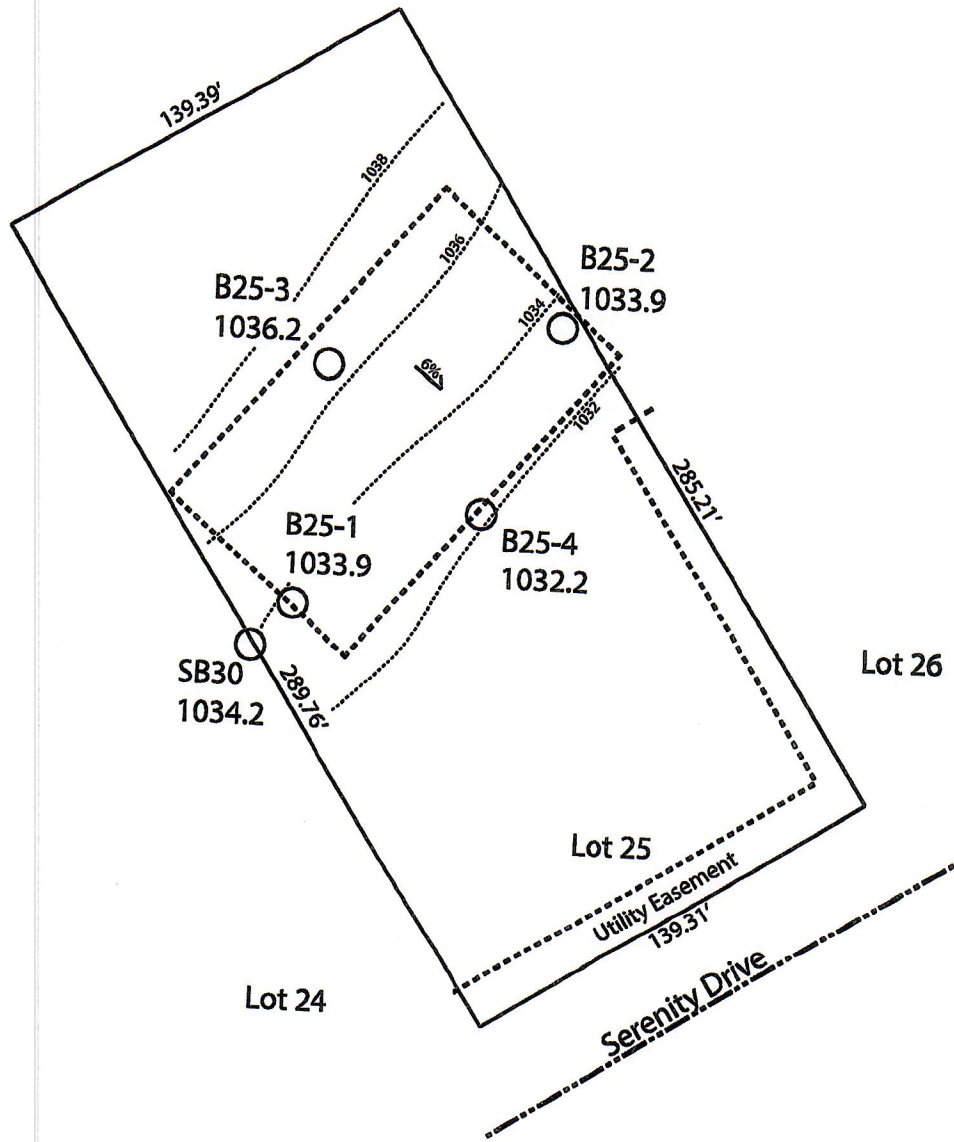
Ground Surface Elev.:
 _____ ft.

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 25 of Stone Ridge Phase II
Village of Merton, Waukesha County
Drawn by: Morgan Butler IV, CST
Date: Rev. 10/6/21 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 # 26	Block#	Subd. Name or CSM# Stone Ridge (Phase II)	
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:					

B26-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1038.3</u> ft.	Depth to Limiting Factor: <u>9</u> in.
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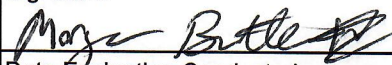
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 5	7.5YR 3/2	-	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	5 - 9	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	9 - 16	7.5YR 4/4	f1f 10YR 5/8, 6/2	sicl	2fsbk	mfr	cw	-	0.4	0.6
4	16 - 33	7.5YR 4/4	c2d 10YR 5/8, 6/2	sicl	1fsbk	mfr	-	-	0.2	0.3

B25-2	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1033.9</u> ft.	Depth to Limiting Factor: <u>13</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	2msbk	mfr	cs	1vf	0.6	0.8
2	9 - 13	7.5YR 4/4	-	sicl	2msbk	mfr	cw	1vf	0.4	0.6
3	13 - 18	7.5YR 4/4	f1f 10YR 5/8	sicl	1msbk	mfr	cw	-	0.2	0.3
4	18 - 36	7.5YR 4/4	c2d 10YR 5/8, 6/2	sicl	1msbk	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 	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted Revised - 11/4/2021 - Rev 1	Telephone Number (262) 650 - 2000

County: Waukesha
 Parcel ID: MV 0262998005

SB29	Boring #	<input type="checkbox"/>	Boring	Ground Surface Elev.:	1032.2 ft.	Depth to Limiting Factor:	14 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	-	sil	2fsbk	mfr	cw	1vf	0.6	0.8
2	10 - 14	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	14 - 36	7.5YR 4/4	f1f 10YR 5/8, 6/2	cl	2fsbk	mfr	gw	-	0.4	0.6
4	36 - 55	7.5YR 5/4	c1f 10YR 5/8	sicl	1fsbk	mfr	gw	-	0.2	0.3
5	55 - 69	7.5YR 6/4	-	sil	1fsbk	mfr	gw	-	0.2	0.3
6	69 - 96	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

B28-1	Boring #	<input type="checkbox"/>	Boring	Ground Surface Elev.:	1038.2 ft.	Depth to Limiting Factor:	14 in.			
		<input checked="" type="checkbox"/>	Pit							

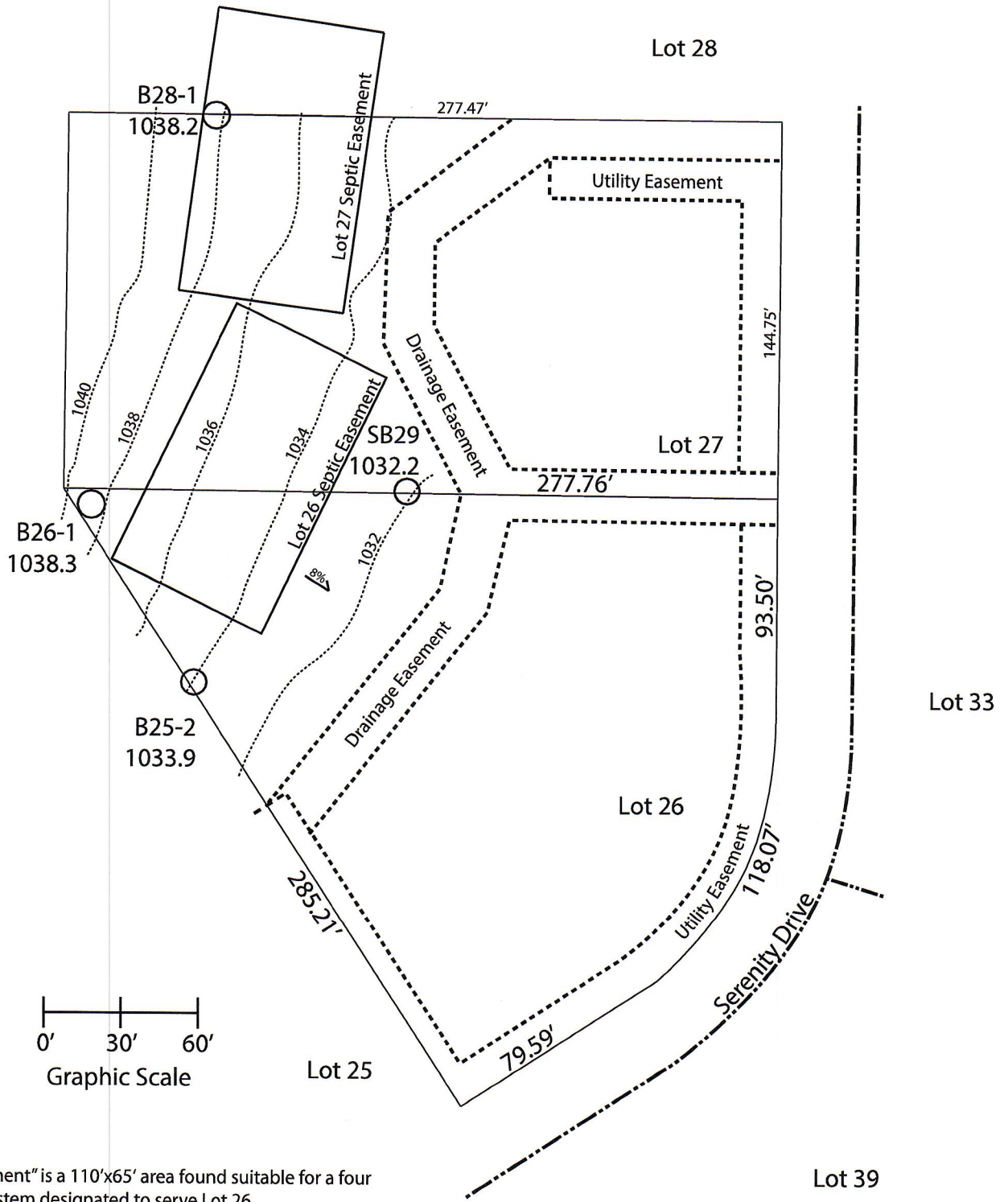
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 10	7.5YR 3/2	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
2	10 - 14	7.5YR 4/4	-	sicl	2msbk	mfr	cw	1vf	0.4	0.6
3	14 - 30	7.5YR 4/4	c1f 10YR 5/8, 6/2	sicl	1fsbk	mfr	-	-	0.2	0.3

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

*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:
 "Lot 26 Septic Easement" is a 110'x65' area found suitable for a four bedroom mound system designated to serve Lot 26.

Divert surface water along uphill side of mound, ensuring adequate drainage between mound systems. Ensure a 15' area downslope is protected from grading. Mound component and 15' downslope area must be located entirely within the septic easement area.

Plumber shall be responsible for the restoration of the drainage easement after installation of force main.

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'

Lot 26 of Stone Ridge Phase II
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler IV, CST
 Date: Rev. 11/4/21 Scale: 1" = 60'