

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 # 27	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 type="checkbox"/> New Construction Use <input type="checkbox"/> Residential/Number of Bedrooms: _____ Code derived design flow rate: _____ GPD <input type="checkbox"/> Replacement : <input type="checkbox"/> Public or Commercial - Describe: _____ Parent Material: _____					
General Comments & Recommendations:					

B26-1	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	<u>1038.3</u> ft.	<u>9</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 - 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

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

*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 - Rev 1	Telephone Number (262) 650 - 2000

County: Waukesha
 Parcel ID: MV 0262998005

SB29 Boring # Boring Ground Surface Elev.: _____ Depth to Limiting Factor: _____
 Pit 1032.2 ft. 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 - 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

B28-5 Boring # Boring Ground Surface Elev.: _____ Depth to Limiting Factor: _____
 Pit 1040.4 ft. 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	2fsbk	mfr	cs	1vf	0.6	0.8
2	8 - 16	7.5YR 4/4	-	sil	2msbk	mfr	cw	1vf	0.6	0.8
3	16 - 28	7.5YR 4/4	f1f 10YR 5/8	sil	1fsbk	mfr	-	-	0.4	0.6
Reopening of B28-2, observed by Lance Brow and Mitch Buehler, Waukesha Co. Environmental Health										

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

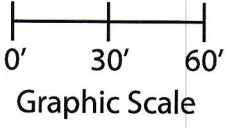
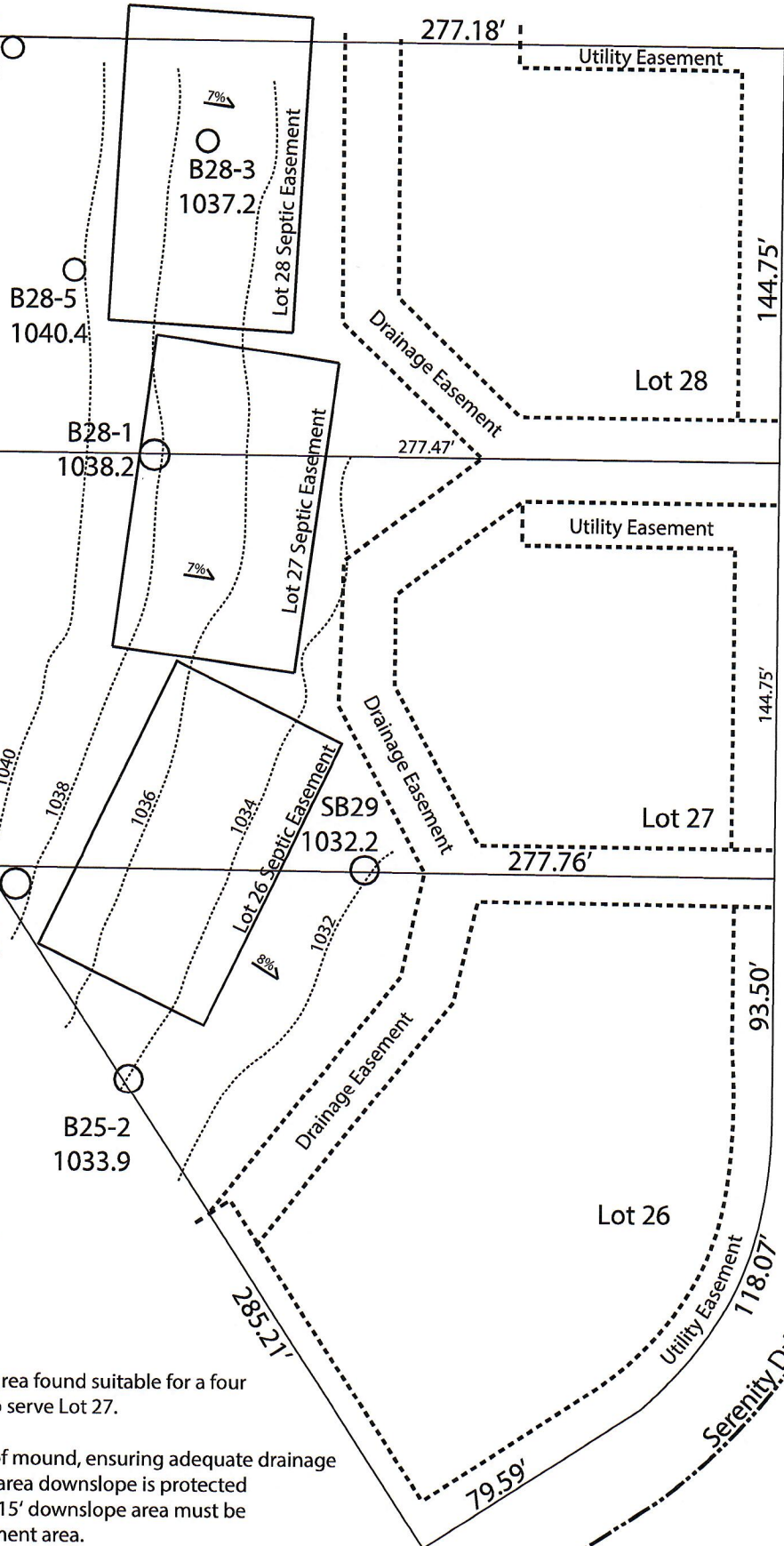
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2

*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

B28-4
1044.5

144.75'



Notes:
 "Lot 27 Septic Easement" is a 110'x65' area found suitable for a four bedroom mound system designated to serve Lot 27.

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 27 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 NW¼, S30, T8N, R19E			
Property Owner's Mailing Address 501 Maple Avenue				Lot # 28	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: _____ GPD			
<input type="checkbox"/> Replacement		<input type="checkbox"/> Public or Commercial - Describe: _____					
Parent Material: _____							
General Comments & Recommendations:							

B28-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1038.2</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 - 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

B28-5	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1040.4</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 - 8	7.5YR 3/2	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
2	8 - 16	7.5YR 4/4	-	sil	2msbk	mfr	cw	1vf	0.6	0.8
3	16 - 28	7.5YR 4/4	f1f 10YR 5/8	sil	1fsbk	mfr	-	-	0.4	0.6
		Reopening of B28-2, observed by Lance Brow and Mitch Buehler, Waukesha Co. Environmental Health								

*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 Revised - 11/4/2021 - <i>Rev 1</i>	Telephone Number (262) 650 - 2000

County: **Waukesha**
 Parcel ID: **MV 0262998005**

B28-3 Boring # Boring Pit Ground Surface Elev.: 1037.2 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 - 16	7.5YR 3/2	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
2	16 - 24	7.5YR 4/4	-	sicl	2msbk	mfr	cw	1vf	0.4	0.6
3	24 - 36	7.5YR 4/4	c1f 10YR 5/8, 6/2	sicl	1fsbk	mfr	-	-	0.2	0.3

B28-4 Boring # Boring Pit Ground Surface Elev.: 1044.5 ft. Depth to Limiting Factor: 16 in.

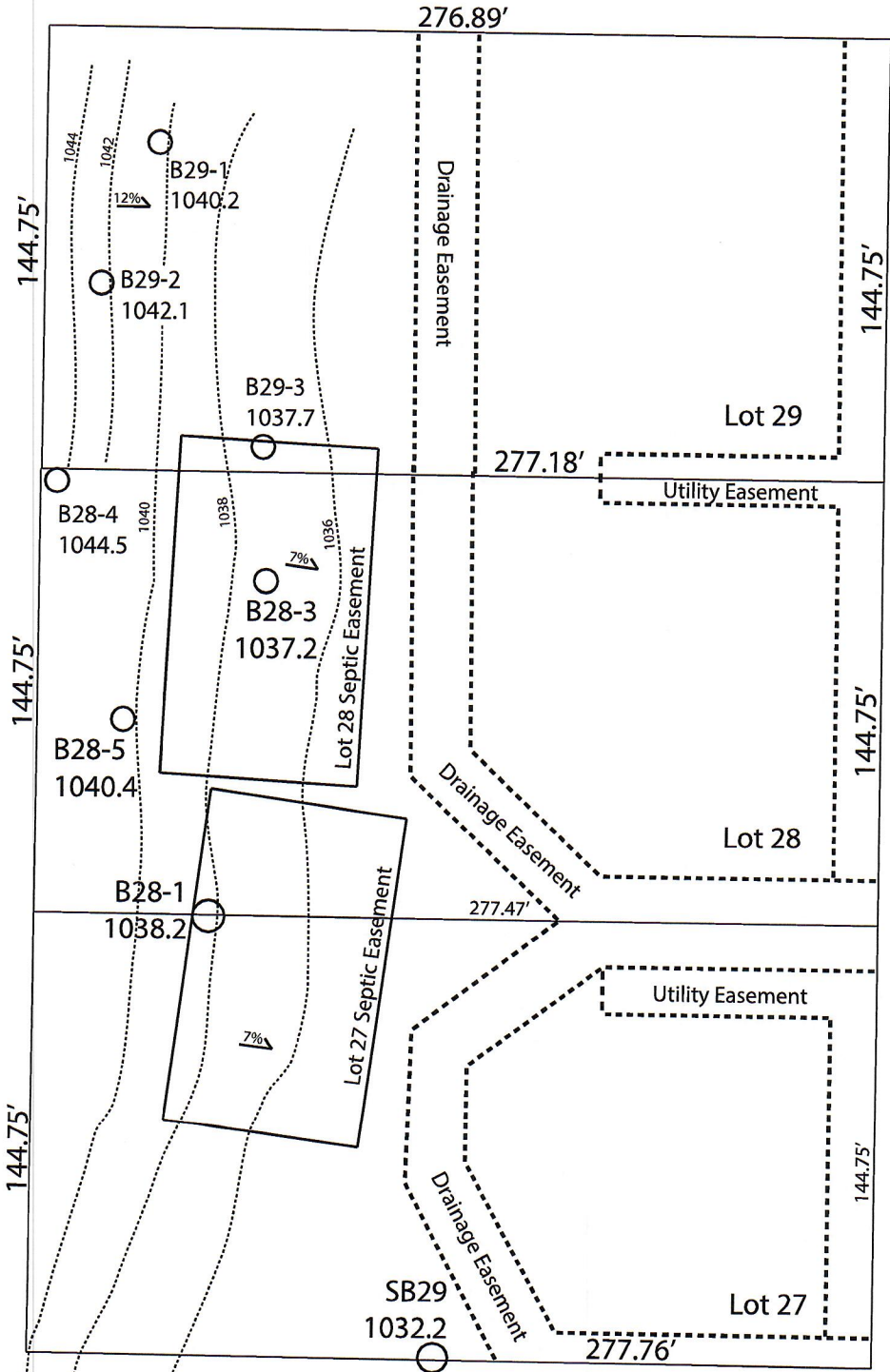
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 9	7.5YR 3/2	-	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	9 - 16	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	16 - 30	7.5YR 4/4	c1f 10YR 5/8, 6/2	sicl	2msbk	mfr	-	-	0.2	0.3

B29-3 Boring # Boring Pit Ground Surface Elev.: 1037.7 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	-	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	8 - 22	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	22 - 38	7.5YR 4/4	f1f 10YR 5/8, 6/2	sicl	1msbk	mfr	-	-	0.4	0.6

*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

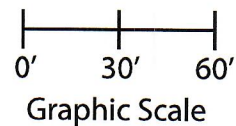


Notes:
 "Lot 28 Septic Easement" is a 110'x65' area found suitable for a four bedroom mound system designated to serve Lot 28.

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 28 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: 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 # 29	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: _____ GPD			
<input type="checkbox"/> Replacement		<input type="checkbox"/> Public or Commercial - Describe: _____		Parent Material: _____			
General Comments & Recommendations:							

B29-1	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	<u>1040.2</u> ft.	<u>17</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 - 8	7.5YR 3/2	-	sil	2vfsbk	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 4/8	c1f 10YR 5/8, 6/2	sicl	2msbk	mfr	-	-	0.4	0.6

B29-2	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	<u>1042.1</u> ft.	<u>14</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 - 5	7.5YR 3/2	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
2	5 - 14	7.5YR 6/2	-	sil	1fsbk	mfr	cw	1vf	0.4	0.6
3	14 - 30	7.5YR 5/4	c1d 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 Revised - 11/4/2021	Telephone Number (262) 650 - 2000

County: Waukesha
 Parcel ID: MV 0262998005

B29-3

Boring #

Boring
 Pit

Ground Surface Elev.:
1037.7 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	-	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	8 - 22	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	22 - 38	7.5YR 4/4	f1f 10YR 5/8, 6/2	sicl	1msbk	mfr	-	-	0.4	0.6

B28-4

Boring #

Boring
 Pit

Ground Surface Elev.:
1044.5 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 3/2	-	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 4/4	c1f 10YR 5/8, 6/2	sicl	2msbk	mfr	-	-	0.2	0.3

Boring #

Boring
 Pit

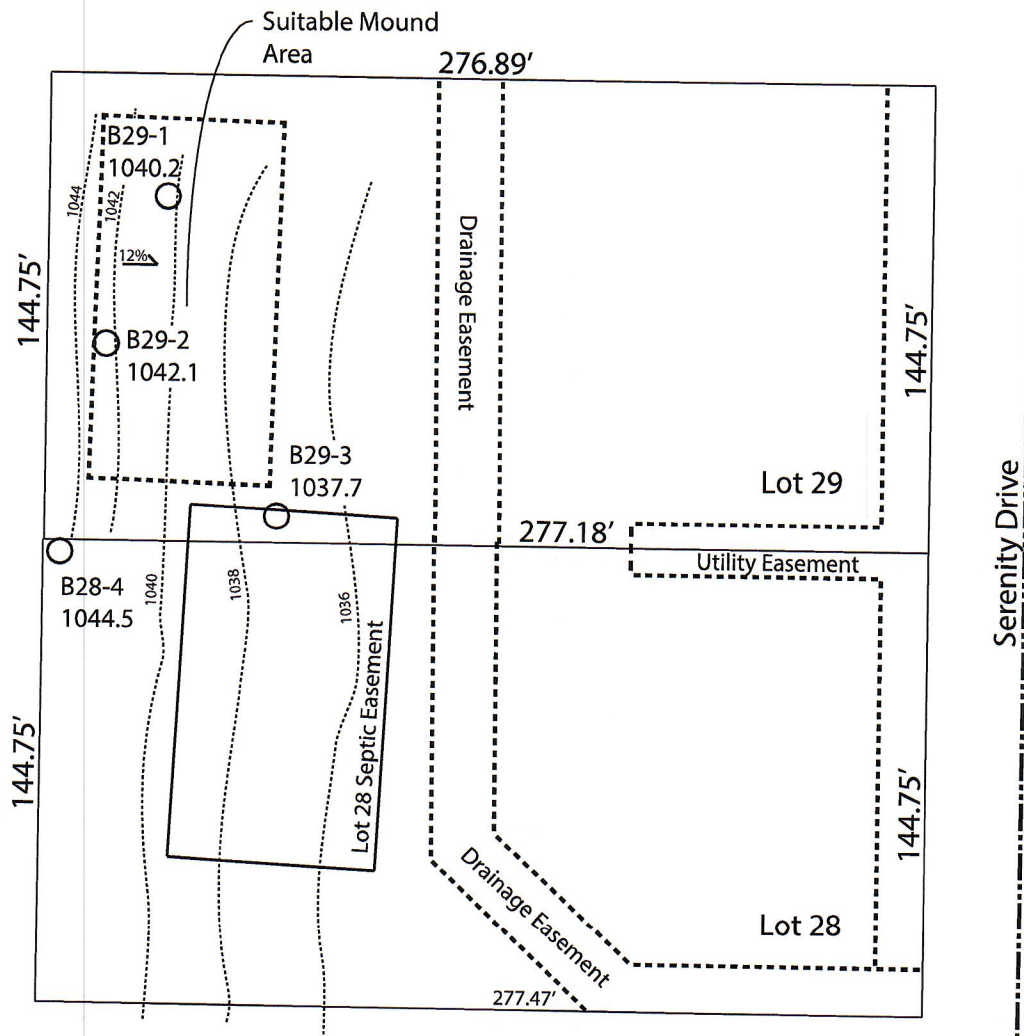
Ground Surface Elev.:
 _____ ft.

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

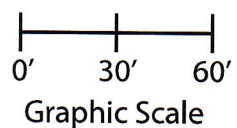
*Effluent #2 = BOD, > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L



Notes:
 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 outside of Lot 28 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 29 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.

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 # 30	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:							

B56-1	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	<u>1058.0</u> ft.	<u>17</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 - 17	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	17 - 27	7.5YR 7/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

B56-2	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	<u>1058.0</u> ft.	<u>15</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 - 8	7.5YR 3/2	-	sil	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 - 30	7.5YR 7/4	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 Revision 1 - 9/30/2021	Telephone Number (262) 650 - 2000

County: Waukesha
 Parcel ID: MV 0262998005

B56-3 Boring #

Boring
 Pit

Ground Surface Elev.:
1054.6 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 4/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	16 - 30	7.5YR 7/4	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

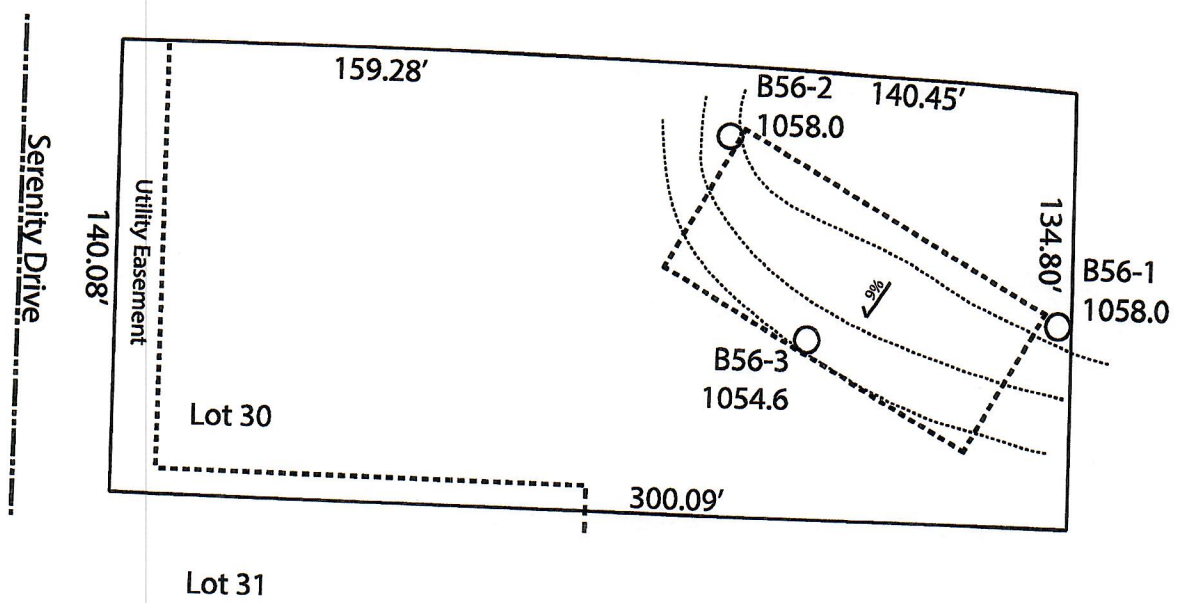
Ground Surface Elev.:
 _____ ft.

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 30 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 # 31	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: _____		Code derived design flow rate: _____ GPD			
<input type="checkbox"/> Replacement		<input type="checkbox"/> Public or Commercial - Describe: _____					
Parent Material: _____							
General Comments & Recommendations:							

B57-1	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	<u>1039.7</u> ft.	<u>32</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	-	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	9 - 16	7.5YR 2/2	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
3	16 - 32	7.5YR 4/4	-	sicl	2msbk	mfr	cw	1vf	0.4	0.6
4	32 - 43	7.5YR 3/4	f1f 10YR 5/8	grscl	1fsbk	mfr	cw	-	0.2	0.3
5	43 - 54	7.5YR 5/6	c1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

B57-2	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	<u>1043.9</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 - 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	-	grcl	1fsbk	mfr	cw	1vf	0.2	0.3
4	22 - 36	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 of Evaluation Conducted Revised - 11/5/2021	Telephone Number (262) 650 - 2000

County: Waukesha
Parcel ID: MV 0262998005

SB9	Boring #	<input type="checkbox"/>	Boring	Ground Surface Elev.:	<u>1038.9</u> ft.	Depth to Limiting Factor:	<u>32</u> 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 - 15	7.5YR 3/2	-	l	2fsbk	mfr	cs	1vf	0.6	0.8
2	15 - 32	7.5YR 4/4	-	grcl	2msbk	mfr	cw	-	0.4	0.6
3	32 - 100	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
Soil boring dated 12/10/2018; Boring observed by Lance Brow, Waukesha County										

B58-1	Boring #	<input type="checkbox"/>	Boring	Ground Surface Elev.:	<u>1031.8</u> ft.	Depth to Limiting Factor:	<u>20</u> in.			
		<input checked="" type="checkbox"/>	Pit							

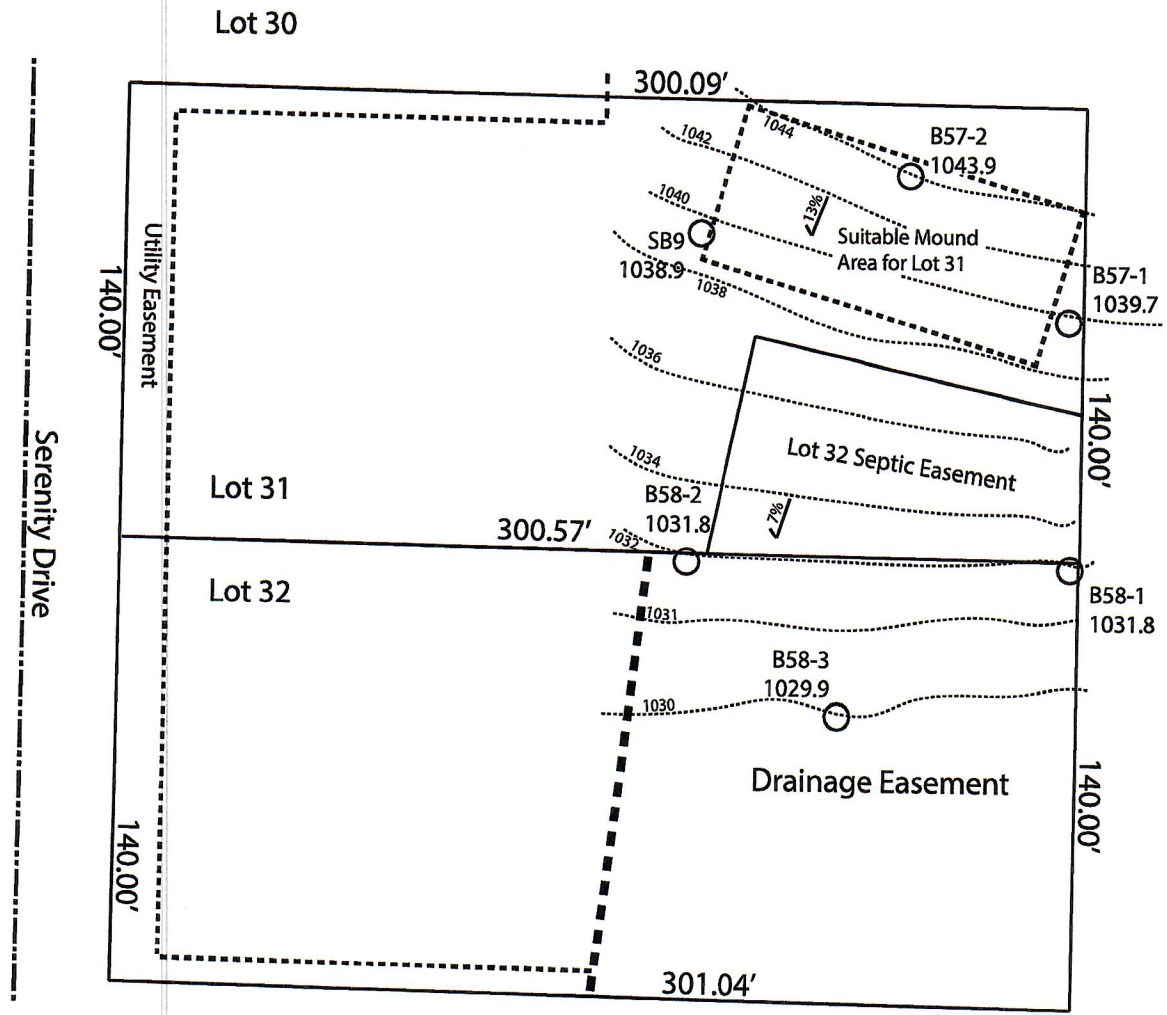
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 8	7.5YR 3/2	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
2	8 - 20	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	20 - 40	7.5YR 5/4	f1d 10YR 5/8, 6/2	grsicl	1fsbk	mfr	-	-	0.4	0.6

B58-2	Boring #	<input type="checkbox"/>	Boring	Ground Surface Elev.:	<u>1031.8</u> ft.	Depth to Limiting Factor:	<u>30</u> 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 - 11	7.5YR 3/2	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
2	11 - 30	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	30 - 42	7.5YR 5/4	f1d 10YR 5/8, 6/2	grsicl	1fsbk	mfr	-	-	0.4	0.6

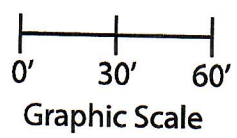
*Effluent #1 = BOD, > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

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



Notes:
 "Lot 32 Septic Easement" is a 100'x45' area found suitable for a four bedroom mound system designated to serve Lot 32.
 Attention shall be paid that all nearby designated septic areas as well as necessary 15' downslope are protected during installation of adjacent mound systems.
 Plumber shall be responsible for the restoration of Lot 32 drainage easement following construction of Lot 32 mound component.

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 31 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.

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 # 32	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: _____		Code derived design flow rate: _____ GPD			
<input type="checkbox"/> Replacement		<input type="checkbox"/> Public or Commercial - Describe: _____					
Parent Material: _____							
General Comments & Recommendations:							

B58-1	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	1031.8 ft.	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 - 8	7.5YR 3/2	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
2	8 - 20	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	20 - 40	7.5YR 5/4	f1d 10YR 5/8, 6/2	grsicl	1fsbk	mfr	-	-	0.4	0.6

B58-2	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	1031.8 ft.	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 - 11	7.5YR 3/2	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
2	11 - 30	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	30 - 42	7.5YR 5/4	f1d 10YR 5/8, 6/2	grsicl	1fsbk	mfr	-	-	0.4	0.6

*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 <i>Morgan Butler IV</i>	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted Revision 1 - 9/30/2021	Telephone Number (262) 650 - 2000

County: Waukesha
Parcel ID: MV 0262998005

B58-3 Boring # Boring
 Pit

Ground Surface Elev.: 1029.9 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 - 16	7.5YR 2/2	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
2	16 - 24	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	24 - 48	7.5YR 5/6	c1f 10YR 5/8, 6/2	sicl	1fsbk	mfr	-	-	0.4	0.6

SB9 Boring # Boring
 Pit

Ground Surface Elev.: 1038.9 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 - 15	7.5YR 3/2	-	l	2fsbk	mfr	cs	1vf	0.6	0.8	
2	15 - 32	7.5YR 4/4	-	grcl	2msbk	mfr	cw	-	0.4	0.6	
3	32 - 100	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7	
		Soil boring dated 12/10/2018; Boring observed by Lance Brow, Waukesha County									

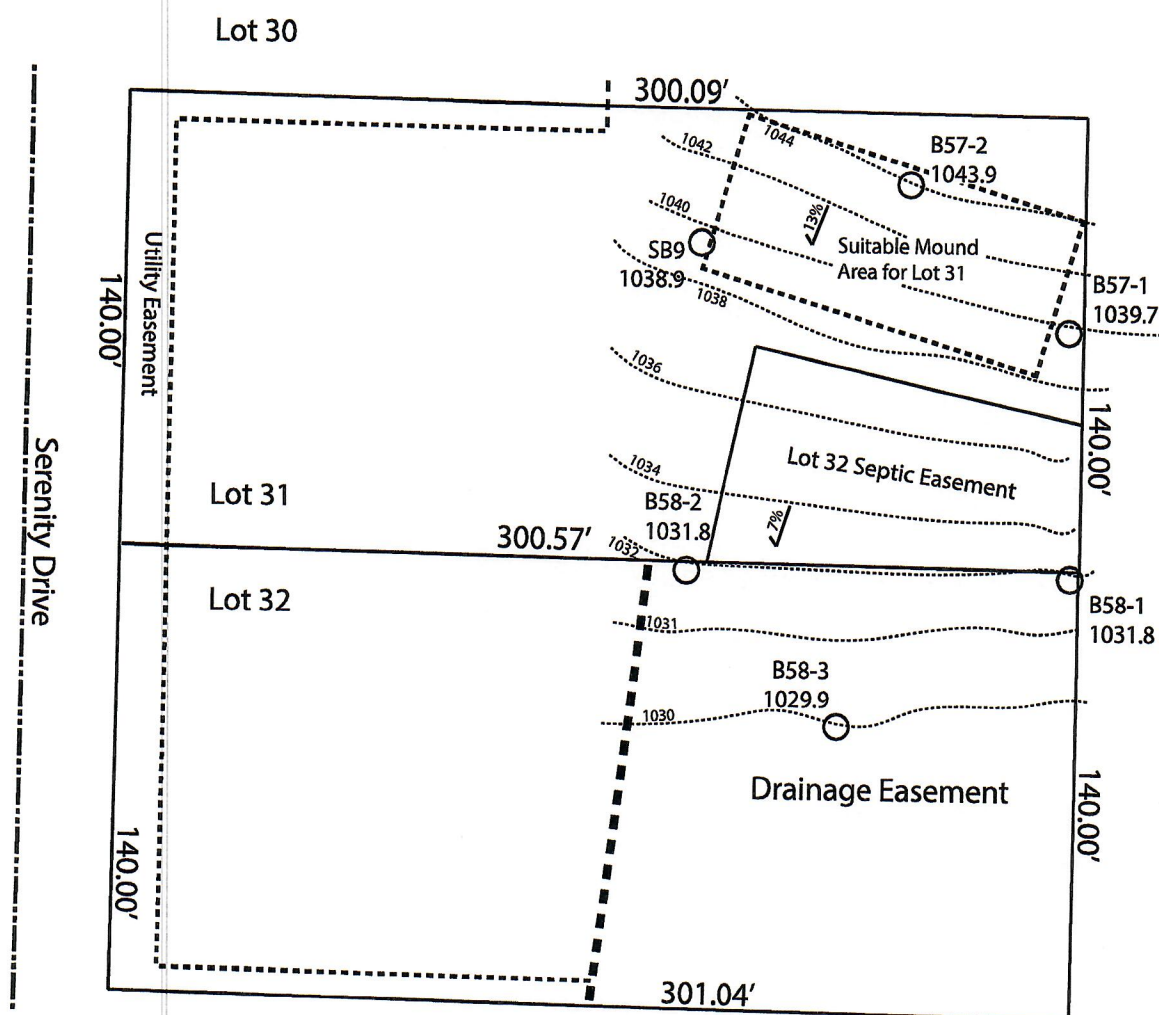
B57-1 Boring # Boring
 Pit

Ground Surface Elev.: 1039.7 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 - 9	7.5YR 3/2	-	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	9 - 16	7.5YR 2/2	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
3	16 - 32	7.5YR 4/4	-	sicl	2msbk	mfr	cw	1vf	0.4	0.6
4	32 - 43	7.5YR 3/4	f1f 10YR 5/8	grscl	1fsbk	mfr	cw	-	0.2	0.3
5	43 - 54	7.5YR 5/6	c1f 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

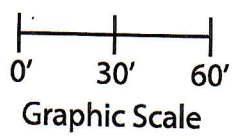


Notes:
 "Lot 32 Septic Easement" is a 100'x45' area found suitable for a four bedroom mound system designated to serve Lot 32.

Attention shall be paid that all nearby designated septic areas as well as necessary 15' downslope are protected during installation of adjacent mound systems.

Plumber shall be responsible for the restoration of Lot 32 drainage easement following construction of Lot 32 mound component.

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 32 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 NW¼, S30, T8N, R19E		
Property Owner's Mailing Address 501 Maple Avenue				Lot # 33	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 <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:						

B59-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1030.9</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 - 8	7.5YR 3/2	-	sil	2fsbk	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	f1f 10YR 5/8	grscl	1fsbk	mfr	cw	-	0.2	0.3
4	30 - 40	7.5YR 5/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

B59-2	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1030.9</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 - 12	7.5YR 3/2	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
2	12 - 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	grscl	1fsbk	mfr	cw	-	0.2	0.3
4	32 - 42	7.5YR 5/4	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 Revision 1 - 9/30/2021	Telephone Number (262) 650 - 2000

County: Waukesha
 Parcel ID: MV 0262998005

B59-3

Boring #

Boring
 Pit

Ground Surface Elev.:
1033.6 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	-	sil	2fsbk	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 - 30	7.5YR 3/4	f1f 10YR 5/8	grscl	1fsbk	mfr	cw	-	0.2	0.3
4	30 - 40	7.5YR 5/4	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

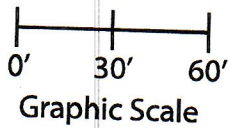
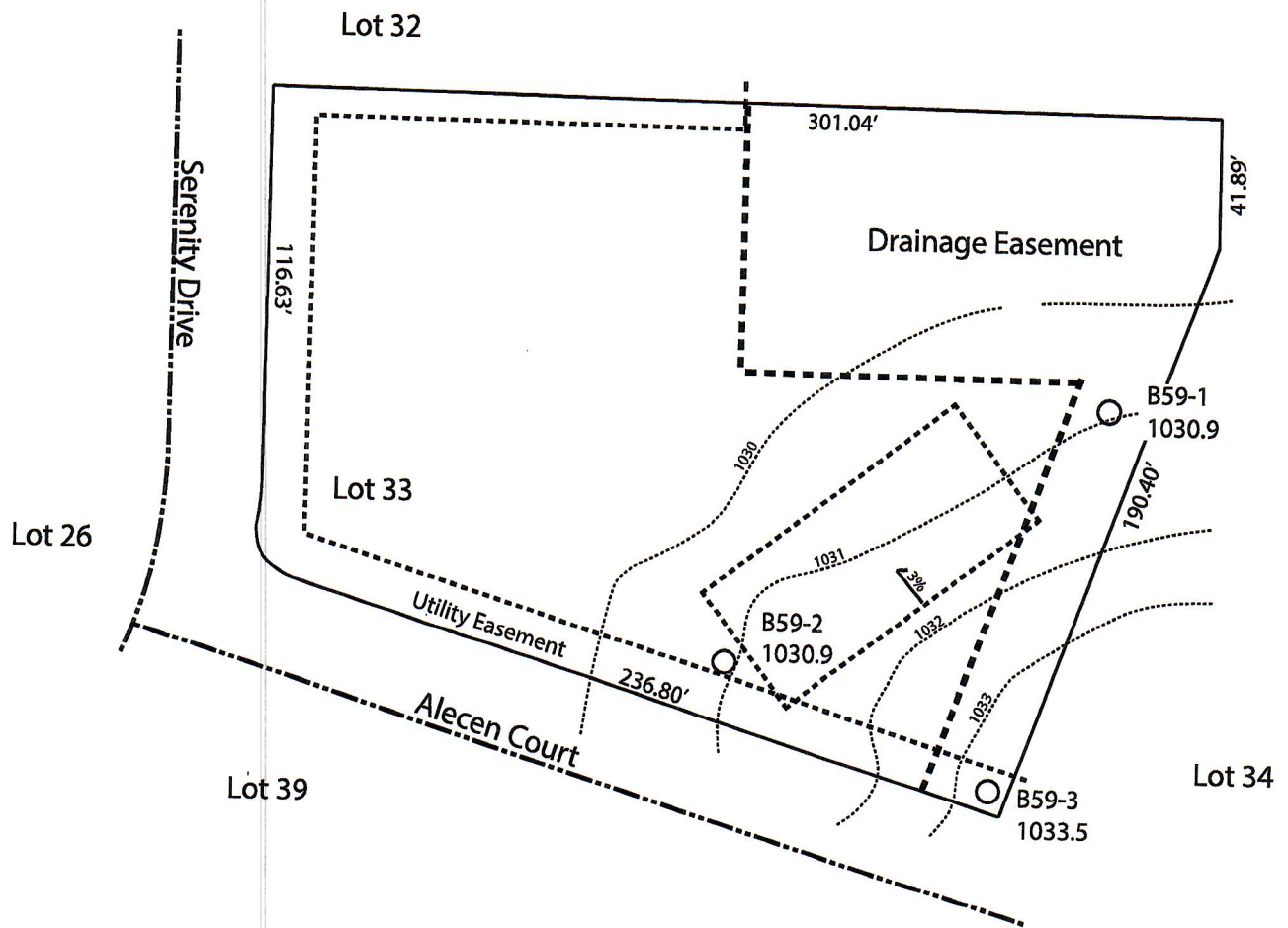
Ground Surface Elev.:
 _____ ft.

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 33 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.

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 SEH Inc				Property Location SE 1/4, NE 1/4, S25, T8N, R18E & NW 1/4, S30, T8N, R19E			
Property Owner's Mailing Address 501 Maple Avenue				Lot # 34 & 35	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 type="checkbox"/> New Construction Use:		<input type="checkbox"/> Residential/Number of Bedrooms: _____		Code derived design flow rate: _____ GPD			
<input type="checkbox"/> Replacement		<input type="checkbox"/> Public or Commercial - Describe: _____					
Parent Material: _____				Revision/Excerpt from test dated 12/10/2018. Original borings observed by Lance Brow & Marc Schultz, Waukesha Co. Environmental Health			

SB15	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	<u>1039.3</u> ft.	<u>30</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 - 8	7.5YR 3/2	-	l	2fsbk	mfr	cw	1vf	0.6	0.8
2	8 - 30	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	-	0.4	0.6
3	30 - 98	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

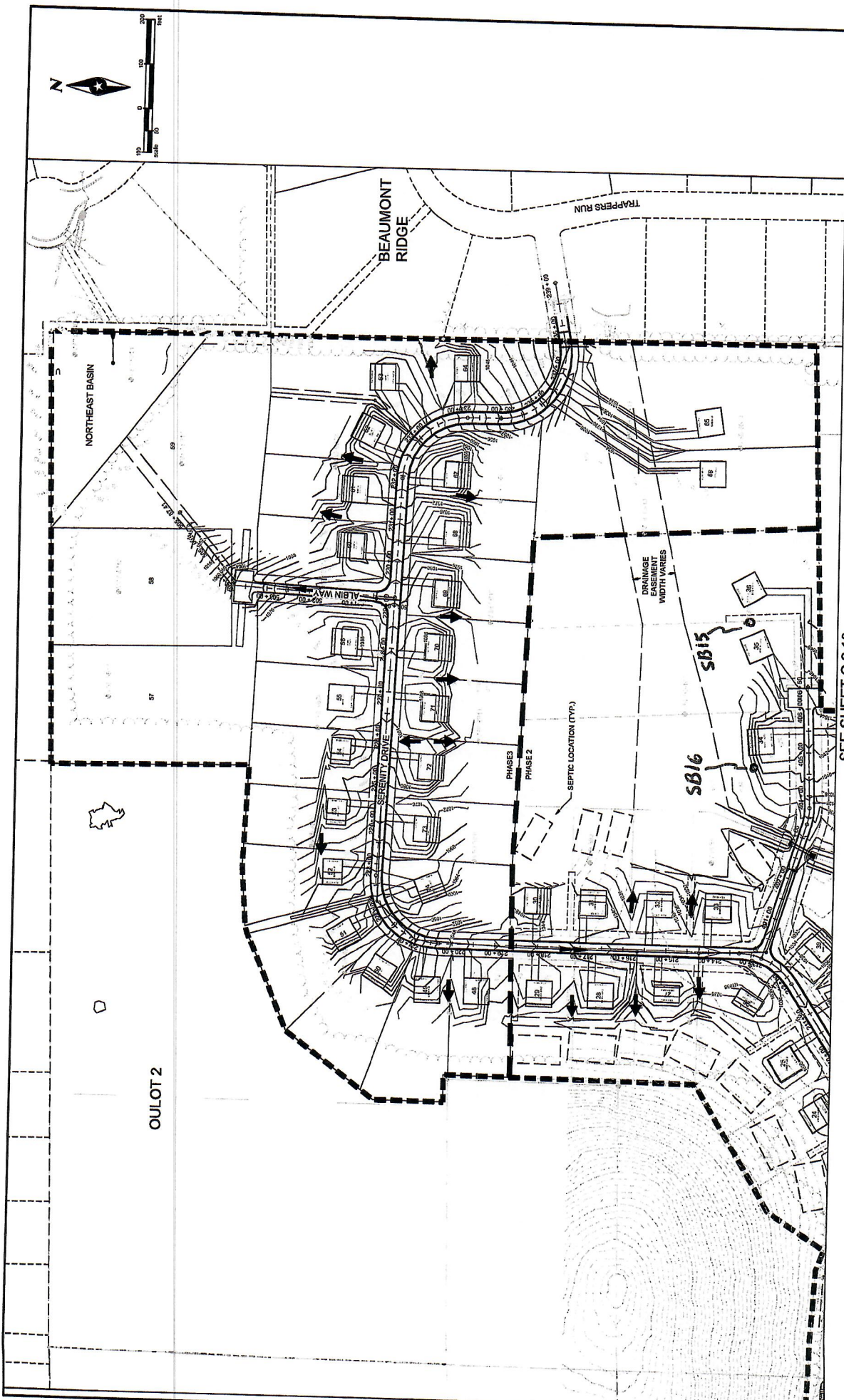
SB16	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	<u>1033.5</u> ft.	<u>36</u> in.

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	-	l	2vfsbk	mfr	cw	1vf	0.6	0.8
2	10 - 19	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	19 - 36	7.5YR 3/4	-	grcl	1fsbk	mfr	gw	-	0.2	0.3
4	36 - 96	7.5YR 6/3	f1f 10YR 5/8, 6/2	grsl	1fsbk	mfr	-	-	0.4	0.7
			Water seeping @ 40"							

*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 Revision 1 - 11/4/2021	Telephone Number (262) 650 - 2000



SEH		STONE RIDGE SUBDIVISION (PHASE 2 & 3) VILLAGE OF MERTON, WISCONSIN		MASTER GRADING PLAN - PHASE 3		C-2.20 of 33	
Revision	Date	Revision	Date				
1	10/05/21	1	10/12/21				
2		2					
3		3					
4		4					
5		5					
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100		100					

SEE SHEET C 2.19

SEH Project: HALCAR160979
 Drawn By: JCS
 Checked By: MFG
 BTP

Revision Issue Description
 REVISIONS BASED ON VILLAGE OF MERTON REVIEW
 REVISIONS BASED ON VILLAGE OF MERTON REVIEW

Date: 10/05/21
 Date: 10/12/21

Revision: 1
 Revision: 2

Date: 10/05/21
 Date: 10/12/21

Revision Issue Description
 REVISIONS BASED ON VILLAGE OF MERTON REVIEW
 REVISIONS BASED ON VILLAGE OF MERTON REVIEW

Date: 10/05/21
 Date: 10/12/21

Revision: 1
 Revision: 2

Date: 10/05/21
 Date: 10/12/21

Revision Issue Description
 REVISIONS BASED ON VILLAGE OF MERTON REVIEW
 REVISIONS BASED ON VILLAGE OF MERTON REVIEW

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 # 36	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: _____		Code derived design flow rate: _____ GPD			
<input type="checkbox"/> Replacement		<input type="checkbox"/> Public or Commercial - Describe: _____					
Parent Material: _____							
General Comments & Recommendations: Preliminary boring							

B36-1	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.: _____	Depth to Limiting Factor: _____
		<input checked="" type="checkbox"/> Pit	1051.8 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 - 12	7.5YR 3/2	-	l	2fsbk	mfr	cw	1vf	0.6	0.8
2	12 - 24	7.5YR 4/4	-	grscl	2fsbk	mfr	cw	-	0.4	0.6
3	24 - 96	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

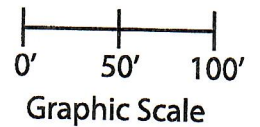
	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.: _____	Depth to Limiting Factor: _____
		<input type="checkbox"/> Pit	_____ ft.	_____ in.

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

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 10/7/2021	Telephone Number (262) 650 - 2000



Lot 36 of Stone Ridge Phase II
Village of Merton, Waukesha County
Drawn by: Morgan Butler IV, CST
Date: 10/7/2021 Scale: 1" = 100'

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: NW 1/4, S30, T8N, R19E
Property Owner's Mailing Address: 501 Maple Avenue Lot #: 37 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:

B63-1 Boring # Boring Pit Ground Surface Elev.: 1031.3 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 - 6	7.5YR 3/2	-	sil	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	cw	1vf	0.2	0.3
4	22 - 33	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

B63-2 Boring # Boring Pit Ground Surface Elev.: 1031.3 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 - 7	7.5YR 3/2	-	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	7 - 18	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	18 - 25	7.5YR 3/4	-	grcl	1fsbk	mfr	cw	1vf	0.2	0.3
4	25 - 33	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: Morgan Butler IV CST Number: 1357852
Address: N679 Tamarack Rd. Palmyra, WI 53156 Date Evaluation Conducted: _____ Telephone Number: (262) 650 - 2000
Revision 1 - 9/30/2021

County: Waukesha
 Parcel ID: MV 0262998005

B64-3

Boring #

Boring
 Pit

Ground Surface Elev.:
1025.6 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	-	sil	2vfbk	mfr	cs	1vf	0.6	0.8
2	9 - 22	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	22 - 32	7.5YR 3/4	-	grcl	1fsbk	mfr	cw	1vf	0.2	0.3
4	32 - 40	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

SB48

Boring #

Boring
 Pit

Ground Surface Elev.:
1035.5 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	2fsbk	mfr	cw	1vf	0.6	0.8
2	9 - 16	7.58YR 4/4	-	cl	2msbk	mfr	gw	-	0.4	0.6
3	16 - 32	7.5YR 3/4	-	grcl	1fsbk	mfr	gw	-	0.2	0.3
4	32 - 72	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	gw	-	0.4	0.7
5	72 - 108	7.5YR 6/3	f1f 10YR 5/8, 6/2	grsl	1fsbk	mfr	-	-	0.4	0.7

Boring #

Boring
 Pit

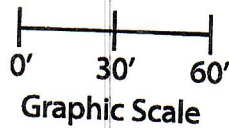
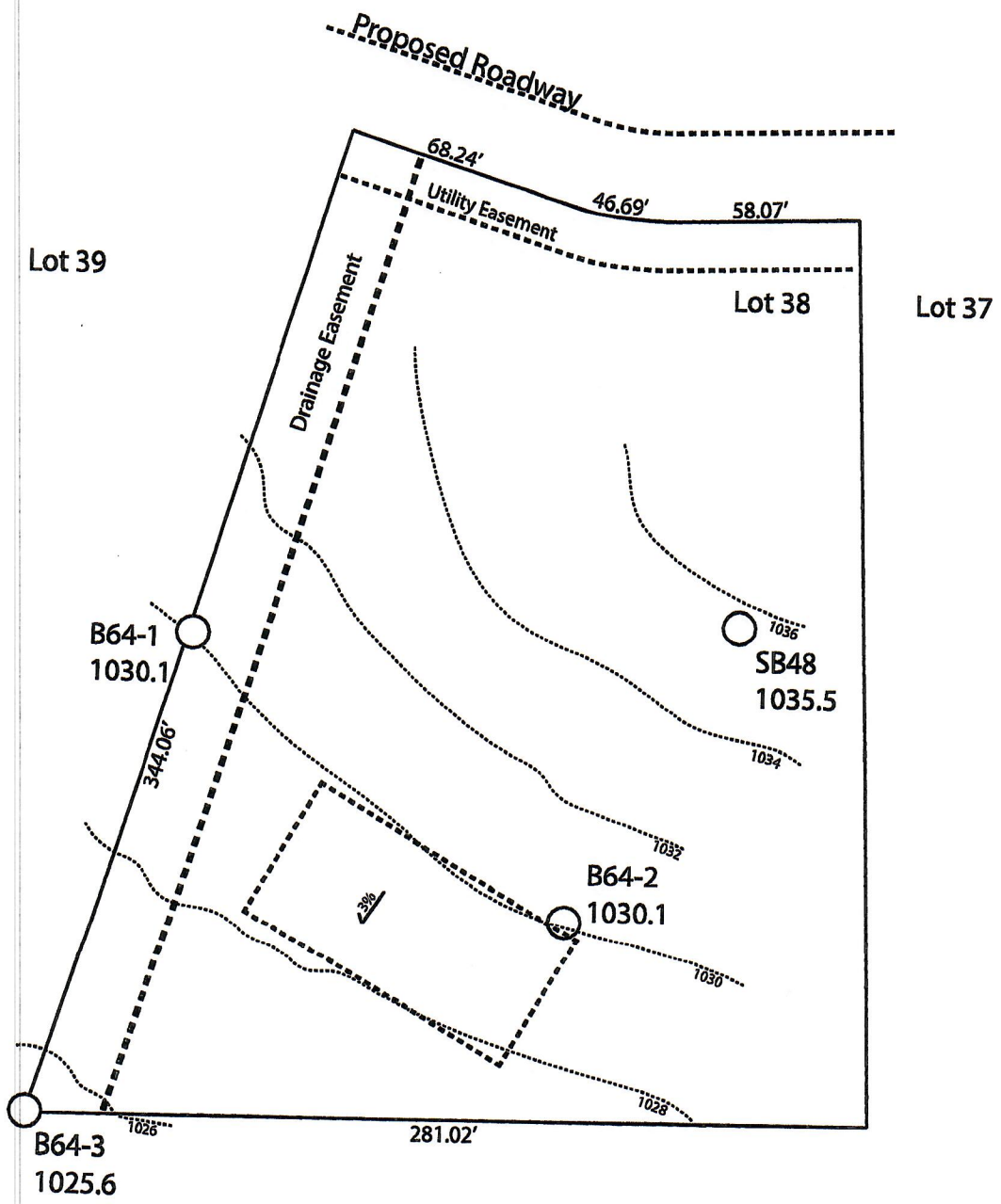
Ground Surface Elev.:
 _____ ft.

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 38 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 1/4 Sec. Corner on Ainsworth Rd., approximately
 60' W of Lot 16 western lot line

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 # 39	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:							

B64-1 Boring # Boring Pit
Ground Surface Elev.: 1030.1 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 - 9	7.5YR 3/2	-	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	9 - 16	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	16 - 30	7.5YR 3/4	-	grcl	1fsbk	mfr	cw	1vf	0.2	0.3
4	30 - 35	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

B64-3 Boring # Boring Pit
Ground Surface Elev.: 1025.6 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	-	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	9 - 22	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	22 - 32	7.5YR 3/4	-	grcl	1fsbk	mfr	cw	1vf	0.2	0.3
4	32 - 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 Revision 1 - 9/30/2021	Telephone Number (262) 650 - 2000

County: **Waukesha**
 Parcel ID: **MV 0262998005**

SB7

Boring #

Boring
 Pit

Ground Surface Elev.:
1027.4 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 - 12	7.5YR 3/2	-	l	2fsbk	mfr	cw	1vf	0.6	0.8
2	12 - 20	7.5YR 3/4	-	cl	2fsbk	mfr	gw	1vf	0.4	0.6
3	20 - 57	7.5YR 4/4	f1f 10YR 5/8, 6/2	cl	1fsbk	mfr	cw	-	0.2	0.3
4	57 - 64	7.5YR 3/4	f1f 10YR 5/8	grscl	1fsbk	mfr	gw	-	0.2	0.3
5	64 - 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 33

Lot 26

Serenity Drive

Alecen Court

228.20'

Utility Easement

Lot 39

73.08'

30.77'

Lot 40

Lot 38

334.82'

1029

1030

1028

2%

SB7
1027.4

B64-1
1030.1

Drainage Easement

B64-3
1025.6

1026

1025



Graphic Scale



Lot 39 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 1/4 Sec. Corner on Ainsworth Rd., approximately
60' W of Lot 16 western lot line.

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 # 40	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 type="checkbox"/> Replacement		<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:							

B66-1 Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1026.6</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 - 11	7.5YR 3/2	-	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	11 - 24	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	24 - 30	7.5YR 3/4	-	grcl	1fsbk	mfr	cw	-	0.2	0.3
4	30 - 36	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

B66-2 Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1026.1</u> ft.	Depth to Limiting Factor: <u>27</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 - 12	7.5YR 3/2	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
2	12 - 27	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	27 - 48	7.5YR 3/4	c1f 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 Revision 1 - 9/30/2021	Telephone Number (262) 650 - 2000

County: Waukesha
 Parcel ID: MV 0262998005

B66-3 Boring # Boring Pit
 Ground Surface Elev.: 1026.1 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 - 9	7.5YR 3/2	-	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	9 - 20	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	20 - 32	7.5YR 4/4	-	sicl	1msbk	mfr	cw	-	0.2	0.3
4	32 - 48	7.5YR 4/4	c1f 10YR 5/8	sicl	1msbk	mfr	-	-	0.2	0.3

SB7 Boring # Boring Pit
 Ground Surface Elev.: 1027.4 ft.
 Depth to Limiting Factor: 20 in.

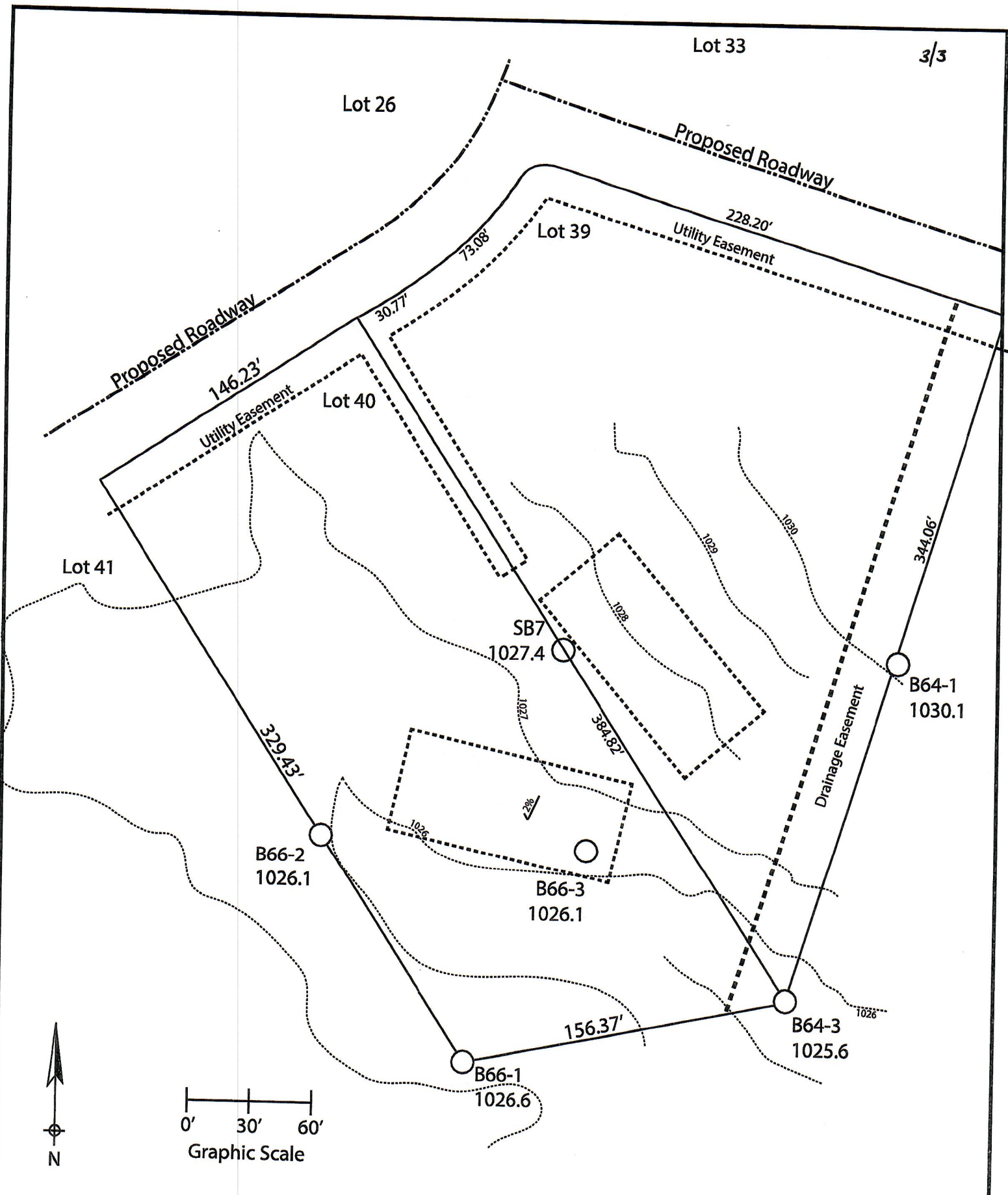
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 12	7.5YR 3/2	-	l	2fsbk	mfr	cw	1vf	0.6	0.8
2	12 - 20	7.5YR 3/4	-	cl	2fsbk	mfr	gw	1vf	0.4	0.6
3	20 - 57	7.5YR 4/4	f1f 10YR 5/8, 6/2	cl	1fsbk	mfr	cw	-	0.2	0.3
4	57 - 64	7.5YR 3/4	f1f 10YR 5/8	grscl	1fsbk	mfr	gw	-	0.2	0.3
5	64 - 100	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

B64-3 Boring # Boring Pit
 Ground Surface Elev.: 1025.6 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	-	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	9 - 22	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	22 - 32	7.5YR 3/4	-	grcl	1fsbk	mfr	cw	1vf	0.2	0.3
4	32 - 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



Lot 40 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 # 41	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:							

B67-1	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	<u>1026.9</u> ft.	<u>36</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 - 12	7.5YR 3/2	-	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	12 - 27	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	27 - 36	7.5YR 3/4	-	grcl	1fsbk	mfr	cw	-	0.2	0.3
4	36 - 45	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

B67-2	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	<u>1026.9</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 - 36	7.5YR 3/4	f1f 10YR 5/8	grls	1fsbk	mfr	cw	-	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 Revision 1 - 9/30/2021	Telephone Number (262) 650 - 2000

County: Waukesha
Parcel ID: MV 0262998005

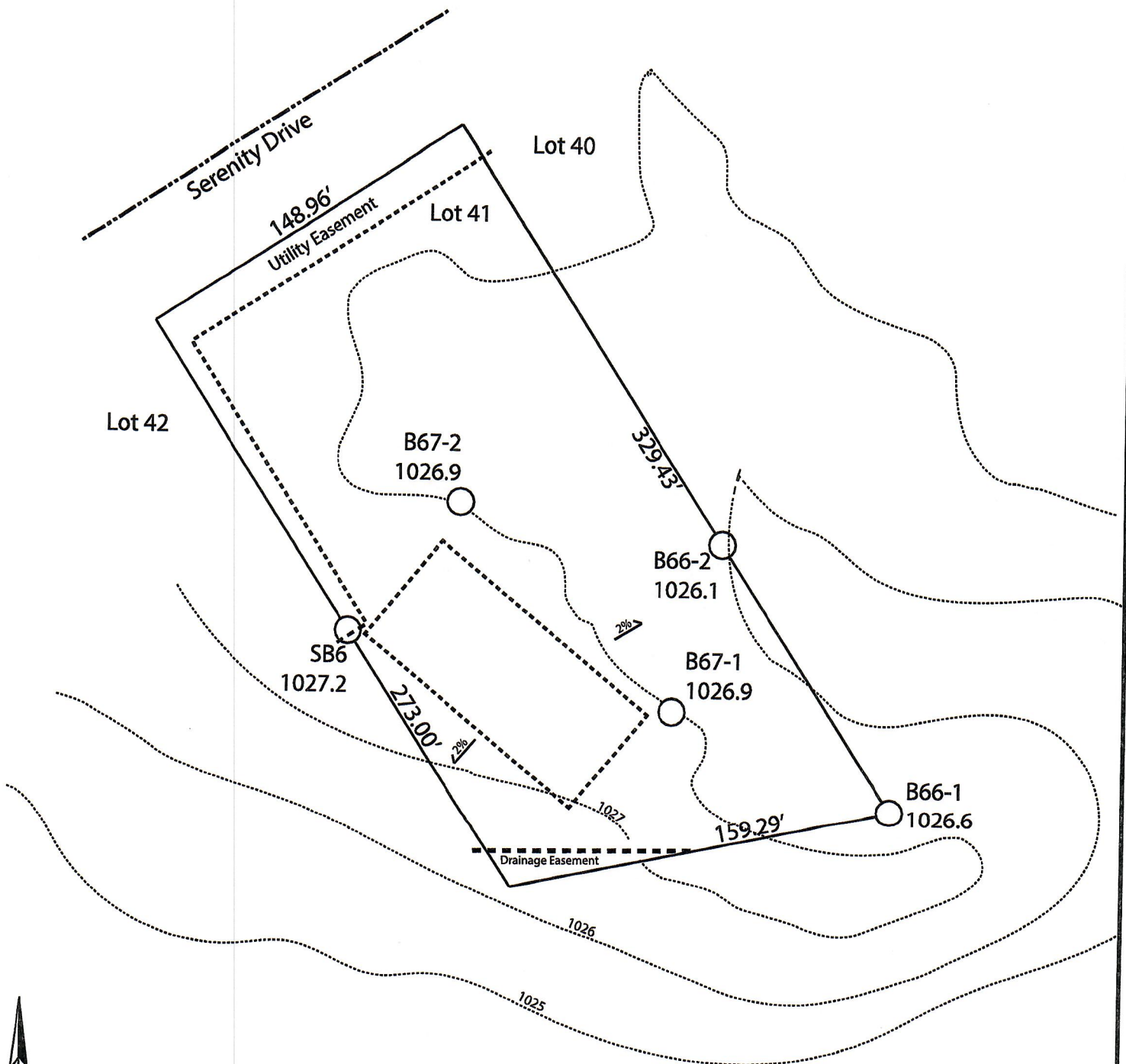
B66-2	Boring #	<input type="checkbox"/>	Boring	Ground Surface Elev.:	1026.1 ft.	Depth to Limiting Factor:	27 in.			
		<input checked="" type="checkbox"/>	Pit							
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 12	7.5YR 3/2	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
2	12 - 27	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	27 - 48	7.5YR 3/4	c1f 10YR 5/8, 6/2	sicl	1fsbk	mfr	-	-	0.2	0.3

SB6	Boring #	<input type="checkbox"/>	Boring	Ground Surface Elev.:	1027.2 ft.	Depth to Limiting Factor:	36 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	2fsbk	mfr	cw	1vf	0.6	0.8
2	10 - 27	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	27 - 36	7.5YR 3/4	-	grcl	1fsbk	mfr	gw	-	0.2	0.3
4	36 - 96	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

B66-1	Boring #	<input type="checkbox"/>	Boring	Ground Surface Elev.:	1026.6 ft.	Depth to Limiting Factor:	30 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 - 11	7.5YR 3/2	-	sii	2vfsbk	mfr	cs	1vf	0.6	0.8
2	11 - 24	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	24 - 30	7.5YR 3/4	-	grcl	1fsbk	mfr	cw	-	0.2	0.3
4	30 - 36	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 41 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 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: <u>Waukesha</u>	
Parcel ID: <u>MV 0262998005</u>	
Reviewed by:	Date:

Property Owner <u>SEH Inc</u>				Property Location <u>S½, NW¼, S30, T8N, R19E</u>			
Property Owner's Mailing Address <u>501 Maple Avenue</u>				Lot # <u>42</u>	Block#	Subd. Name or CSM# <u>Stone Ridge (Phase II)</u>	
City <u>Delafield</u>	State <u>WI</u>	Zip Code <u>53018</u>	Phone Number <u>414.949.8962</u>	Municipality: <u>Town of Lisbon</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>606</u> GPD			
<input type="checkbox"/> Replacement		<input type="checkbox"/> Public or Commercial - Describe: _____		Parent Material: _____			
General Comments & Recommendations: <u>Borings observed by Marc Schultz, Waukesha County LURM</u>							

<u>68-1</u> Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
	<input checked="" type="checkbox"/> Pit	<u>1026.3</u> ft.	<u>30</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 - 15	7.5YR 2/2	-	sil	2fsbk	mfr	cw	1vf	0.6	0.8
2	15 - 30	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	30 - 42	7.5YR 3/4	f1f 10YR 5/8	grcl	1fsbk	mfr	cw	-	0.2	0.3
4	42 - 60	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

<u>68-2</u> Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
	<input checked="" type="checkbox"/> Pit	<u>1026.3</u> ft.	<u>29</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 2/2	-	sil	2fsbk	mfr	cw	1vf	0.6	0.8
2	10 - 20	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	20 - 29	7.5YR 3/4	-	grcl	1fsbk	mfr	cw	-	0.2	0.3
4	29 - 48	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

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>Revision 1 - 11/4/2021</u>	Telephone Number <u>(262) 650 - 2000</u>

County: Waukesha
 Parcel ID: MV 0262998005

68-3	Boring #	<input type="checkbox"/>	Boring	Ground Surface Elev.:	1025.9 ft.	Depth to Limiting Factor:	30 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 - 16	7.5YR 2/2	-	sil	2fsbk	mfr	cw	1vf	0.6	0.8
2	16 - 30	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	-	0.4	0.6
3	30 - 60	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

SB-5	Boring #	<input type="checkbox"/>	Boring	Ground Surface Elev.:	1024.8 ft.	Depth to Limiting Factor:	38 in.			
		<input checked="" type="checkbox"/>	Pit							

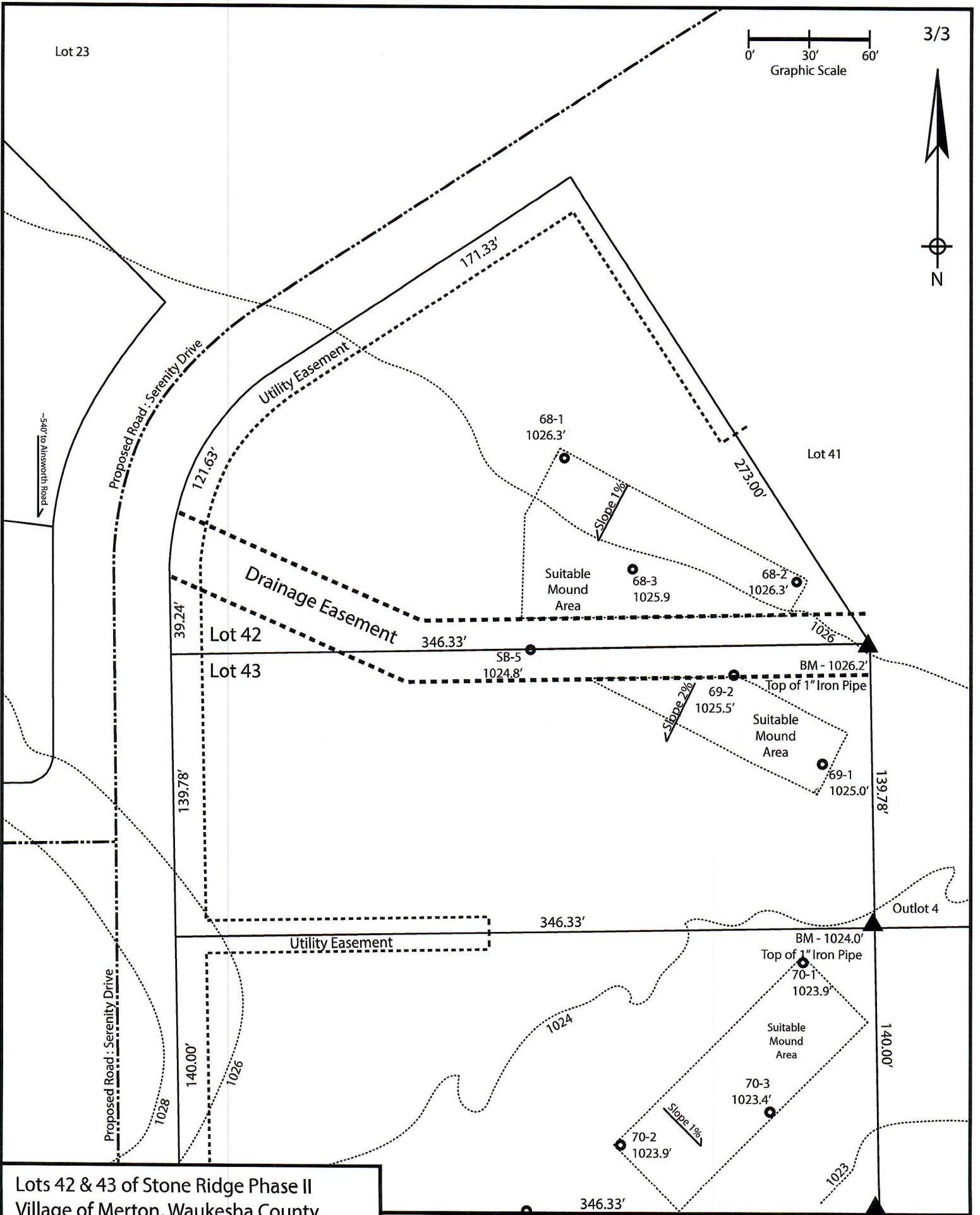
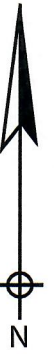
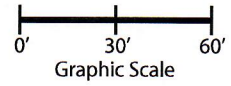
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 12	7.5YR 3/2	-	l	2fsbk	mfr	cw	1vf	0.6	0.8
2	12 - 30	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	30 - 38	7.5YR 3/4	-	grcl	1msbk	mfr	gw	-	0.2	0.3
4	38 - 69	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	gw	-	0.4	0.7
5	69 - 109	7.5YR 6/3	-	grs	0sg	mfr	-	-	0.7	1.6

	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



Lots 42 & 43 of Stone Ridge Phase II
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler
 Date: Rev. 11/4/2021 Scale: 1" = 60'

Notes: Mound component & area 15' downslope must be outside of drainage easement

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: LSBT0262999	
Reviewed by:	Date:

Property Owner SEH Inc				Property Location S½, NW¼, S30, T8N, R19E			
Property Owner's Mailing Address 501 Maple Avenue				Lot # 68 43	Block#	Subd. Name or CSM# Proposed Subd. - Stone Ridge	
City Delafield	State WI	Zip Code 53018	Phone Number 414.949.8962	Municipality: Town of Lisbon		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>150/BR</u> 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							

69-1	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.: <u>1025.0</u> ft.	Depth to Limiting Factor: <u>21</u> 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 - 11	7.5YR 2/2	-	sil	2fsbk	mfr	cw	1vf	0.6	0.8
2	11 - 21	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	21 - 48	7.5YR 5/4	c2d 10YR 5/8, 6/2	sil	1fsbk	mfr	gw	-	0.4	0.6
4	48 - 56	7.5YR 6/6	f1f 10YR 5/8	sil	1fsbk	mfr	gw	-	0.4	0.6
5	56 - 60	7.5YR 6/4	-	grs	0sg	ml	-	-	0.7	1.6

69-2	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.: <u>1025.5</u> ft.	Depth to Limiting Factor: <u>24</u> 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 - 12	7.5YR 2/2	-	sil	2fsbk	mfr	cw	1vf	0.6	0.8
2	12 - 24	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	24 - 33	7.5YR 5/4	c1f 10YR 5/8, 6/2	sil	1fsbk	mfr	gw	-	0.4	0.6
4	33 - 50	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	gw	-	0.4	0.7
5	50 - 108	7.5YR 6/6	f1f 10YR 6/8 bands	grls	0sg	mfr	-	-	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 <i>Morgan Butler</i>	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted 4/10/2019	Telephone Number (262) 650 - 2000

County: Waukesha
 Parcel ID: MV0385995002 & LSBT0262999

SB5	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.: <u>1024.8 ft.</u>	Depth to Limiting Factor: <u>38 in.</u>
		<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 - 12	7.5YR 3/2	-	l	2fsbk	mfr	cw	1vf	0.6	0.8
2	12 - 30	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	30 - 38	7.5YR 3/4	-	grcl	1msbk	mfr	gw	-	0.2	0.3
4	38 - 69	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	gw	-	0.4	0.7
5	69 - 109	7.5YR 6/3	-	grs	0sg	mfr	-	-	0.7	1.6

SB6	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.: <u>1027.2 ft.</u>	Depth to Limiting Factor: <u>36 in.</u>
		<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	2fsbk	mfr	cw	1vf	0.6	0.8
2	10 - 27	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	27 - 36	7.5YR 3/4	-	grcl	1fsbk	mfr	gw	-	0.2	0.3
4	36 - 96	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

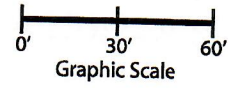
SB7	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.: <u>1027.4 ft.</u>	Depth to Limiting Factor: <u>20 in.</u>
		<input checked="" type="checkbox"/> Pit		

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 - 12	7.5YR 3/2	-	l	2fsbk	mfr	cw	1vf	0.6	0.8
2	12 - 20	7.5YR 3/4	-	cl	2fsbk	mfr	gw	1vf	0.4	0.6
3	20 - 57	7.5YR 4/4	f1f 10YR 5/8, 6/2	cl	1fsbk	mfr	cw	-	0.2	0.3
4	57 - 64	7.5YR 3/4	f1f 10YR 5/8	grscl	1fsbk	mfr	gw	-	0.2	0.3
5	64 - 100	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

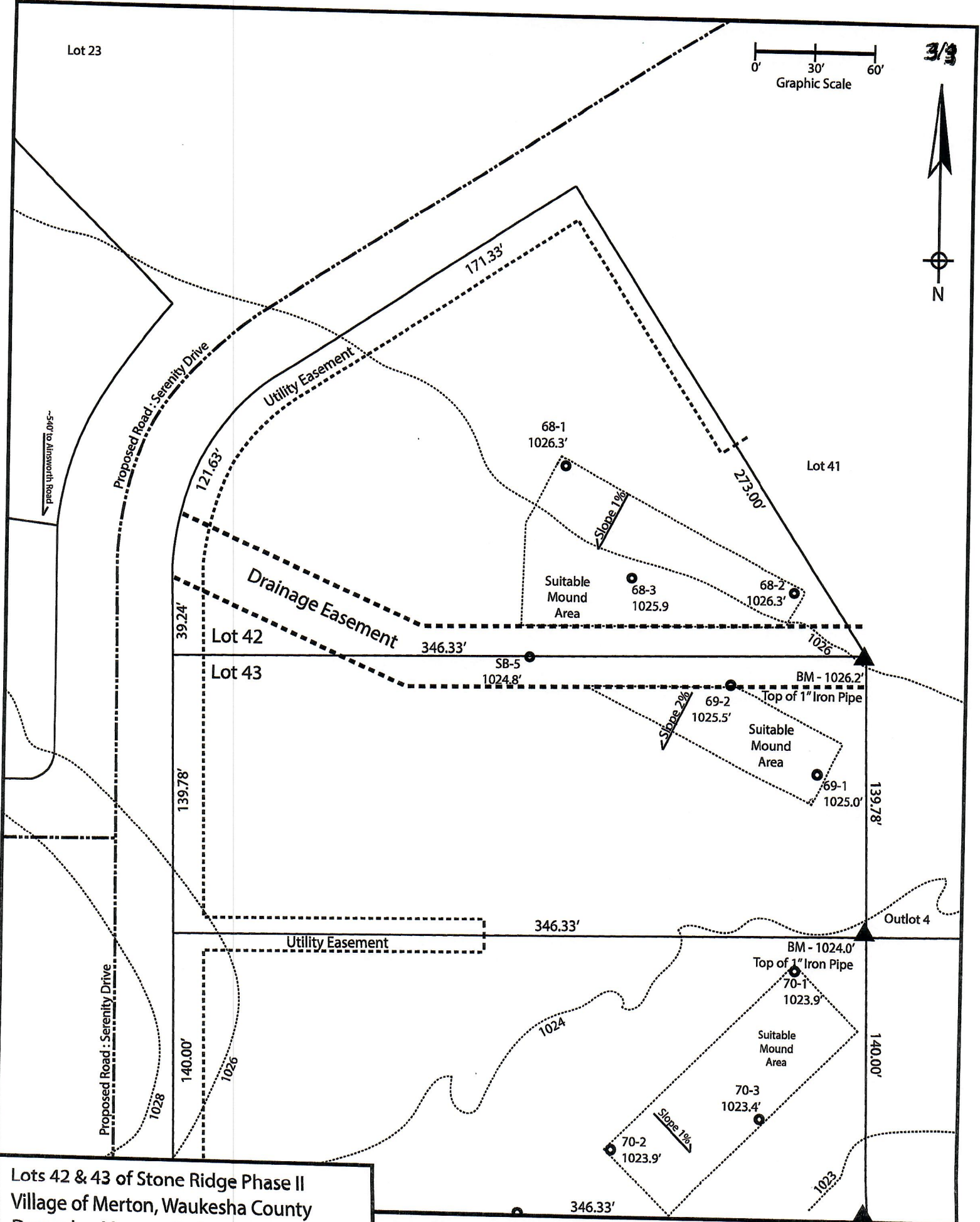
*Effluent #1 = BOD, > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

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

Lot 23



3/3



Lots 42 & 43 of Stone Ridge Phase II
Village of Merton, Waukesha County
Drawn by: Morgan Butler
Date: Rev. 10/6/2021 Scale: 1" = 60'

Notes:
1) SB-# borings performed by Morgan Butler, test dated 12/10/18

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: LSBT0262999
Reviewed by: _____ Date: _____

Property Owner SEH Inc				Property Location S½, NW¼, S30, T8N, R19E			
Property Owner's Mailing Address 501 Maple Avenue				Lot # 44	Block#	Subd. Name or CSM# Proposed Subd. - Stone Ridge	
City Delafield	State WI	Zip Code 53018	Phone Number 414.949.8962	Municipality: Town of Lisbon		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 observed by Marc Schultz, Waukesha County LURM							

70-1	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	<u>1023.9</u> ft.	<u>24</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 - 12	7.5YR 2/2	-	sil	2fsbk	mfr	cw	1vf	0.6	0.8
2	12 - 24	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	24 - 36	7.5YR 4/4	f1f 10YR 5/8, 6/2	sicl	1fsbk	mfr	cw	-	0.2	0.3
4	36 - 56	7.5YR 5/4	c1d 10YR 5/8, 6/2	grvsl	1fsbk	mfr	-	-	0.2	0.6

70-2	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	<u>1023.9</u> ft.	<u>24</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 2/2	-	sil	2fsbk	mfr	cw	1vf	0.6	0.8
2	11 - 24	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	24 - 38	7.5YR 6/6	f1f 10YR 5/8	sicl	1fsbk	mfr	cw	-	0.2	0.3
4	38 - 48	7.5YR 6/3	-	grsicl	1fsbk	mfr	cw	-	0.2	0.3
5	48 - 65	7.5YR 6/3	m2d 10YR 5/8, 6/2	sil	1fsbk	mfr	-	-	0.4	0.6

*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 <i>Morgan Butler IV</i>	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted Revision 1 - 11/5/2021	Telephone Number (262) 650 - 2000

County: Waukesha
 Parcel ID: LSBT0262999

70-3

Boring #

Boring
 Pit

Ground Surface Elev.:
1023.4 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 - 10	7.5YR 2/2	-	sil	2fsbk	mfr	cw	1vf	0.6	0.8
2	10 - 24	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	24 - 48	7.5YR 5/4	c1f 10YR 5/8, 6/2	sicl	1fsbk	mfr	cw	-	0.2	0.3
4	48 - 55	7.5YR 3/4	f1f 10YR 5/8	grsicl	1fsbk	mfr	-	-	0.2	0.3

SB-4

Boring #

Boring
 Pit

Ground Surface Elev.:
1023.3 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 - 12	7.5YR 3/2	-	l	2fsbk	mfr	cw	1vf	0.6	0.8
2	12 - 36	7.5YR 4/4	-	cl	2fsbk	mfr	gw	1vf	0.4	0.6
3	36 - 50	7.5YR 5/4	-	sicl	1fsbk	mfr	cw	-	0.2	0.3
4	50 - 65	7.5YR 5/4	m2d 10YR 5/8, 6/2	sicl	1fsbk	mfr	cw	-	0.2	0.3
5	65 - 100	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

Boring #

Boring
 Pit

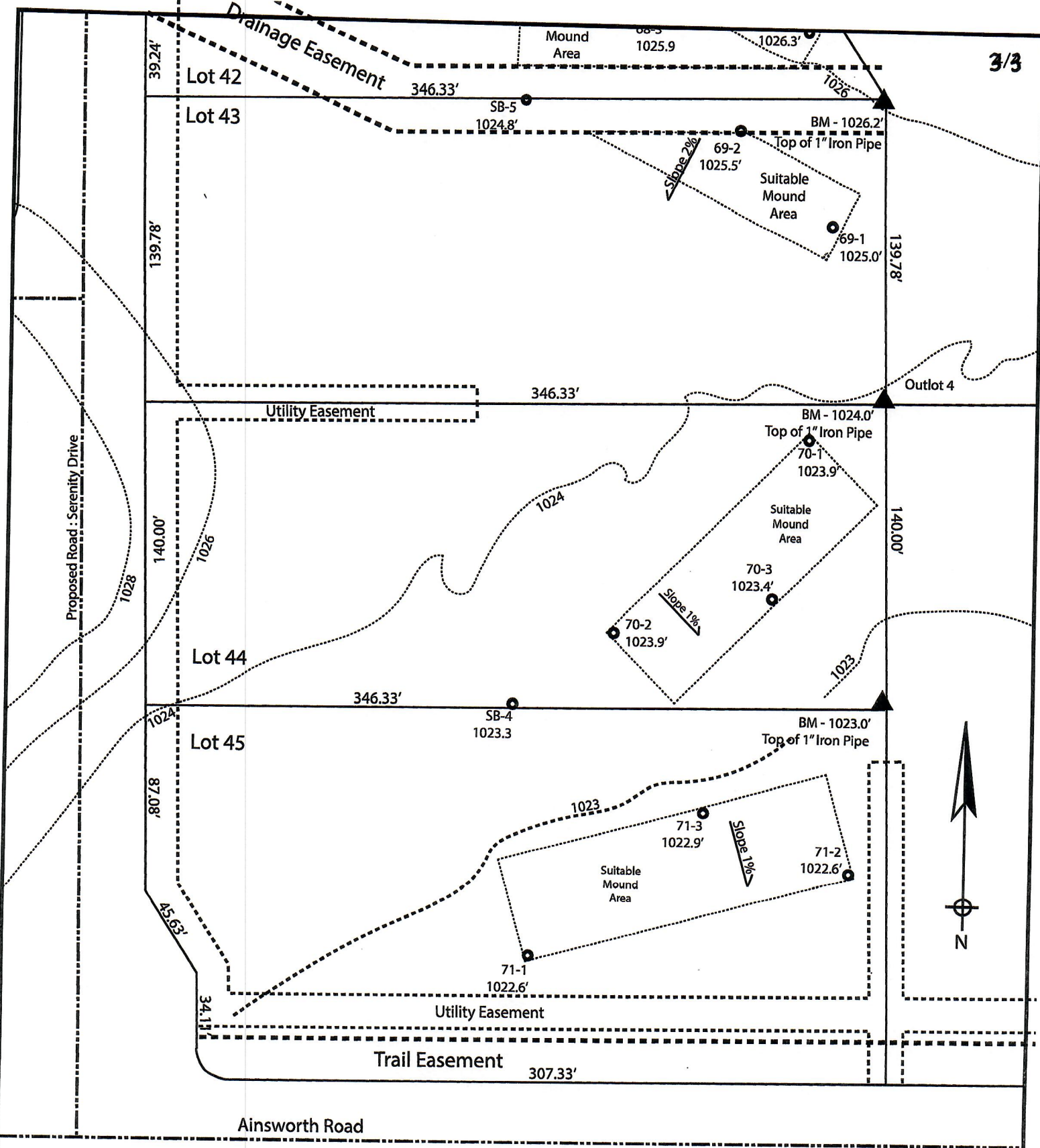
Ground Surface Elev.:
 _____ ft.

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



Lots 44 & 45 of Stone Ridge Phase II
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler
 Date: Rev. 10/6/2021 Scale: 1" = 60'

Notes:
 1) SB-# borings performed by Morgan Butler test dated 12/10/18

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>LSBT0262999</u>	
Reviewed by:	Date:

Property Owner <u>SEH Inc</u>				Property Location <u>S½, NW¼, S30, T8N, R19E</u>		
Property Owner's Mailing Address <u>501 Maple Avenue</u>				Lot # <u>45</u>	Block#	Subd. Name or CSM# <u>Proposed Subd. - Stone Ridge</u>
City <u>Delafield</u>	State <u>WI</u>	Zip Code <u>53018</u>	Phone Number <u>414.949.8962</u>	Municipality: <u>Town of Lisbon</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>Borings observed by Marc Schultz, Waukesha County LURM on</u>						

<u>71-1</u> Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
	<input checked="" type="checkbox"/> Pit	<u>1022.6</u> ft.	<u>24</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 - 12	7.5YR 2/2	-	sil	2fsbk	mfr	cw	1vf	0.6	0.8
2	12 - 24	7.5YR 4/4	-	sicl	2fsbk	mfr	gw	1vf	0.4	0.6
3	24 - 42	7.5YR 6/6	c1f 10YR 5/8, 6/2	sicl	1fsbk	mfr	gw	-	0.2	0.3
4	42 - 60	7.5YR 6/4	f1f 10YR 5/8	sicl	1fsbk	mfr	-	-	0.2	0.3

<u>71-2</u> Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
	<input checked="" type="checkbox"/> Pit	<u>1022.6</u> ft.	<u>24</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 - 12	7.5YR 2/2	-	sil	2fsbk	mfr	cw	1vf	0.6	0.8
2	12 - 24	7.5YR 4/4	-	sicl	2fsbk	mfr	gw	1vf	0.4	0.6
3	24 - 60	7.5YR 6/6	c1f 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) <u>Morgan Butler IV</u>	Signature <i>Morgan Butler IV</i>	CST Number <u>1357852</u>
Address <u>N679 Tamarack Rd. Palmyra, WI 53156</u>	Date Evaluation Conducted <u>Revision 1 - 11/4/21</u>	Telephone Number <u>(262) 650 - 2000</u>

County: Waukesha
 Parcel ID: LSBT0262999

71-3 Boring # Boring Ground Surface Elev.: _____ Depth to Limiting Factor: _____
 Pit 1022.9 ft. 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 - 10	7.5YR 2/2	-	sil	2fsbk	mfr	cw	1vf	0.6	0.8
2	10 - 20	7.5YR 4/4	-	sicl	2fsbk	mfr	gw	1vf	0.4	0.6
3	20 - 48	7.5YR 6/6	c1f 10YR 5/8, 6/2	sicl	1fsbk	mfr	gw	-	0.2	0.3
4	48 - 67	7.5YR 6/4	f1f 10YR 5/8	sicl	1fsbk	mfr	-	-	0.2	0.3

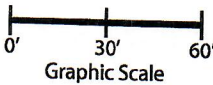
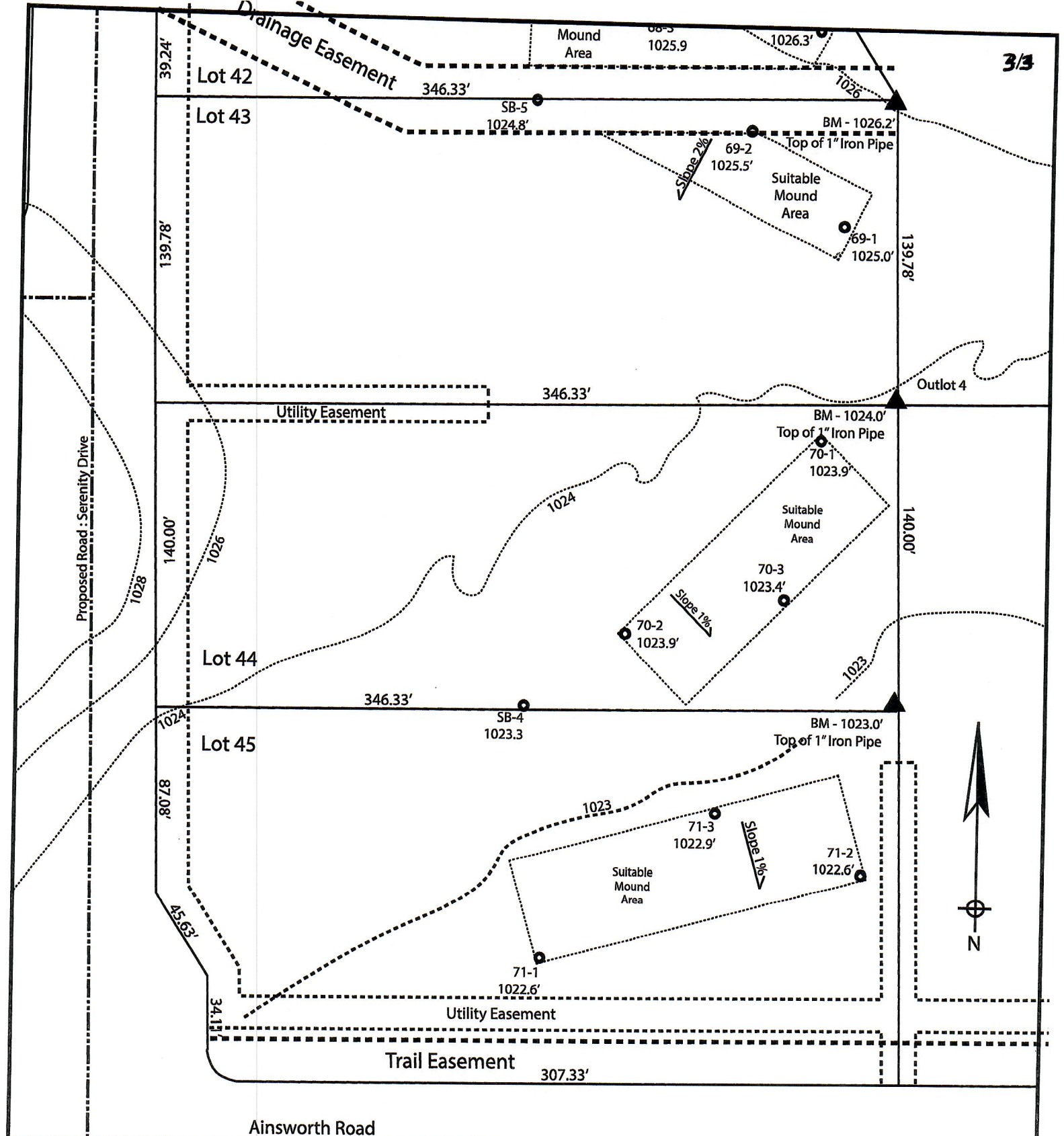
SB-4 Boring # Boring Ground Surface Elev.: _____ Depth to Limiting Factor: _____
 Pit 1023.3 ft. 50 in.

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 - 12	7.5YR 3/2	-	l	2fsbk	mfr	cw	1vf	0.6	0.8
2	12 - 36	7.5YR 4/4	-	cl	2fsbk	mfr	gw	1vf	0.4	0.6
3	36 - 50	7.5YR 5/4	-	sicl	1fsbk	mfr	cw	-	0.2	0.3
4	50 - 65	7.5YR 5/4	m2d 10YR 5/8, 6/2	sicl	1fsbk	mfr	cw	-	0.2	0.3
5	65 - 100	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

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



Lots 44 & 45 of Stone Ridge Phase II
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler
 Date: Rev. 10/6/2021 Scale: 1" = 60'

Notes:
 1) SB-# borings performed by Morgan Butler, test dated 12/10/18

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 SEH Inc				Property Location S½, NW¼, S30, T8N, R19E			
Property Owner's Mailing Address 501 Maple Avenue				Lot # 46	Block#	Subd. Name or CSM# Stone Ridge (Phase II)	
City Delafield	State WI	Zip Code 53018	Phone Number 414.949.8962	Municipality: Town of Lisbon		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 observed by Marc Schultz, Waukesha County LURM			

72-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1023.9</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 - 12	7.5YR 2/2	-	sil	2fsbk	mfr	cw	1vf	0.6	0.8
2	12 - 24	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	-	0.4	0.6
3	24 - 56	7.5YR 4/4	f1f 10YR 5/8	sicl	1fsbk	mfr	-	-	0.2	0.3

72-2	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1023.9</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 - 14	7.5YR 2/2	-	sil	2fsbk	mfr	cw	1vf	0.6	0.8
2	14 - 25	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	25 - 34	7.5YR 4/4	f1f 10YR 5/8	sicl	1fsbk	mfr	gw	-	0.2	0.3
4	34 - 58	7.5YR 6/4	c1d 10YR 5/8, 6/2	grsicl	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 Revision 1 - 11/4/2021	Telephone Number (262) 650 - 2000

County: Waukesha
 Parcel ID: MV 0262998005

72-3 Boring # Boring Ground Surface Elev.: Depth to Limiting Factor:
 Pit 1023.4 ft. 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 - 12	7.5YR 2/2	-	sil	2fsbk	mfr	cw	1vf	0.6	0.8
2	12 - 20	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	20 - 36	7.5YR 6/6	c1f 10YR 5/8, 6/2	sicl	1fsbk	mfr	gw	-	0.2	0.3
4	36 - 45	7.5YR 6/2	c1f 10YR 5/8, 6/2	grsil	1fsbk	mfr	cw	-	0.2	0.3
5	45 - 60	7.5YR 6/6	c1d 10YR 5/8, 6/2	grsl	1fsbk	mfr	-	-	0.4	0.7

SB-3 Boring # Boring Ground Surface Elev.: Depth to Limiting Factor:
 Pit 1023.1 ft. 55 in.

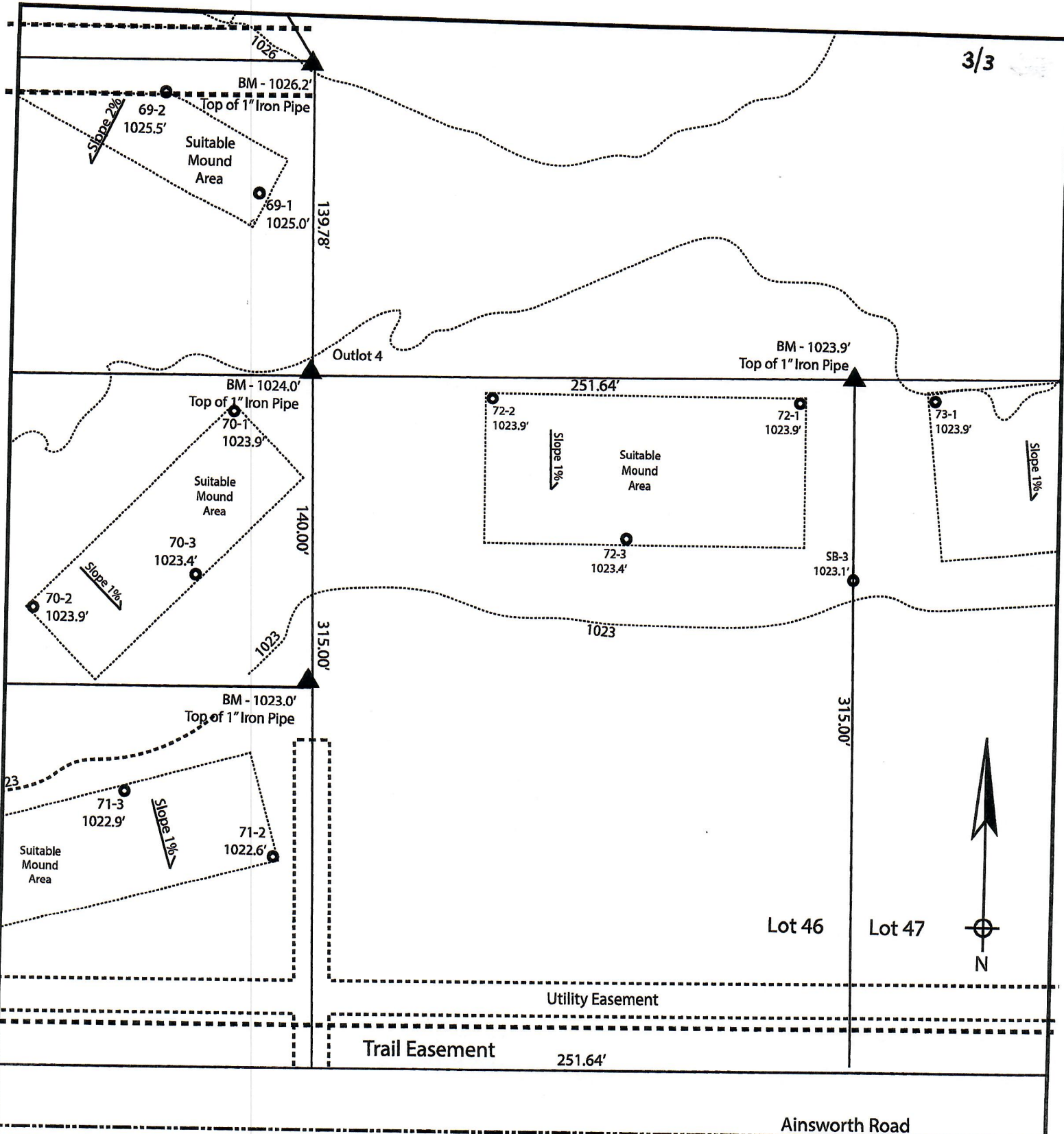
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 13	7.5YR 3/2	-	l	2fsbk	mfr	cw	1vf	0.6	0.8
2	13 - 27	7.5YR 3/4	-	cl	2fsbk	mfr	gw	1vf	0.4	0.6
3	27 - 55	7.5YR 4/4	-	cl	2msbk	mfr	cw	-	0.4	0.6
4	55 - 72	7.5YR 5/4	f1f 10YR 5/8, 6/2	sicl	1fsbk	mfr	cw	-	0.2	0.3
5	72 - 105	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

Boring # Boring Ground Surface Elev.: Depth to Limiting Factor:
 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 46 of Stone Ridge Phase II
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler
 Date: Rev. 10/6/2021 Scale: 1" = 60'



Notes:
 1) SB-# borings performed by Morgan Butler, test dated 12/10/18

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: LSBT0262999	
Reviewed by:	Date:

Property Owner SEH Inc				Property Location S½, NW¼, S30, T8N, R19E			
Property Owner's Mailing Address 501 Maple Avenue				Lot # 47	Block#	Subd. Name or CSM# Stone Ridge (Phase II)	
City Delafield	State WI	Zip Code 53018	Phone Number 414.949.8962	Municipality: Town of Lisbon		Nearest Road: Ainsworth Road	
<input checked="" type="checkbox"/> New Construction		Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: _____		Code derived design flow rate: _____ 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							

73-1	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	<u>1023.9</u> ft.	<u>32</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 - 28	7.5YR 2/1	-	sil	2vfsbk	mfr	cw	1vf	0.6	0.8
2	28 - 32	7.5YR 4/4	-	sicl	2fsbk	mfr	gw	1vf	0.4	0.6
3	32 - 56	7.5YR 4/4	f1f 10YR 5/8	sicl	1fsbk	mfr	-	-	0.2	0.3

73-2	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	<u>1023.8</u> ft.	<u>28</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 - 16	7.5YR 2/1	-	sil	2fsbk	mfr	cw	1vf	0.6	0.8
2	16 - 28	7.5YR 4/4	-	sicl	2fsbk	mfr	gw	1vf	0.4	0.6
3	28 - 52	7.5YR 4/4	f1f 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 	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted Revision 1 - 11/5/2021	Telephone Number (262) 650 - 2000

County:	Waukesha
Parcel ID:	LSBT0262999

73-3	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 - 26	7.5YR 2/1	-	sil	2vfsbk	mfr	cw	1vf	0.6	0.8
2	26 - 33	7.5YR 4/4	-	sicl	2fsbk	mfr	gw	1vf	0.4	0.6
3	33 - 52	7.5YR 4/4	f1f 10YR 5/8	sicl	1fsbk	mfr	-	-	0.2	0.3

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

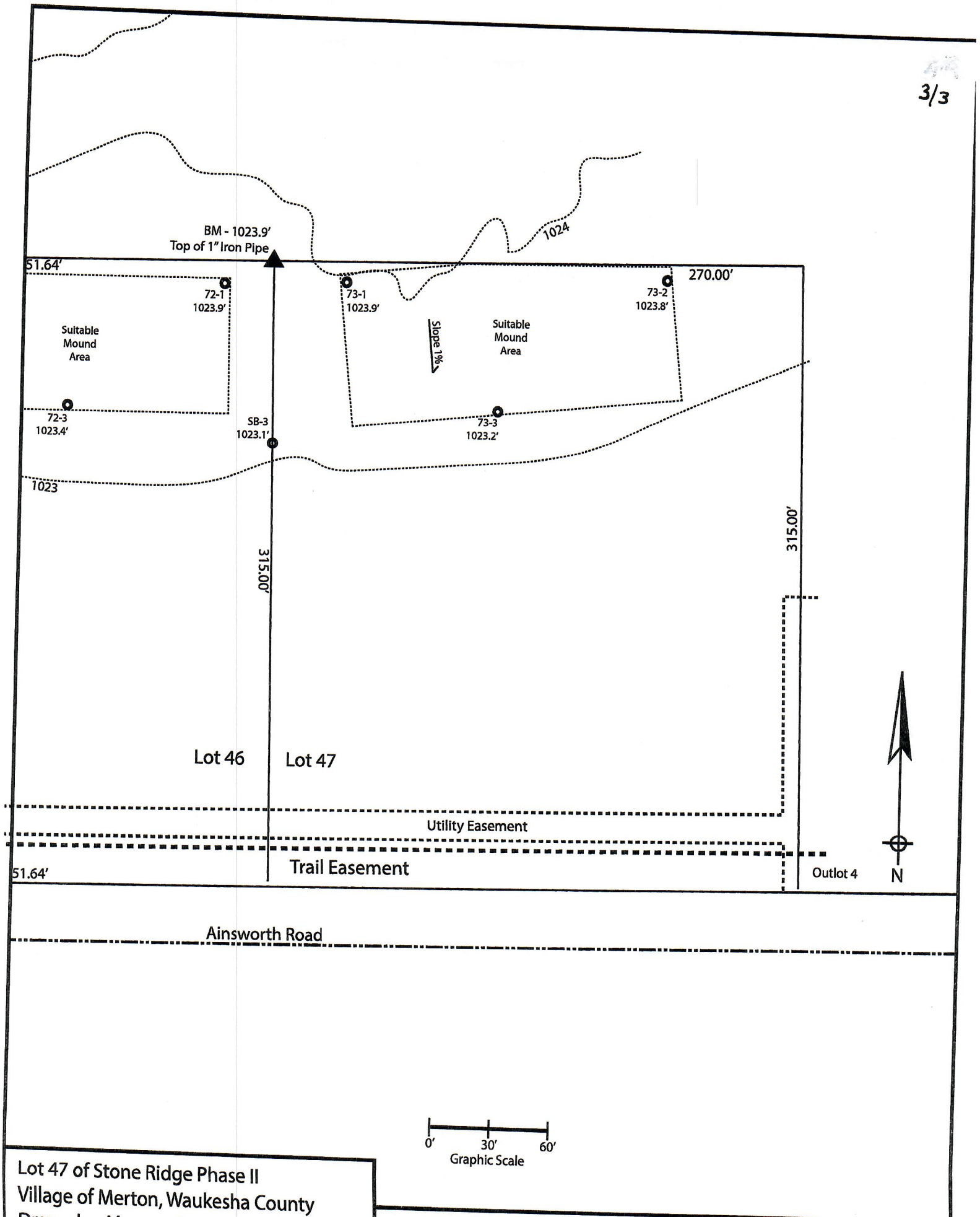
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 13	7.5YR 3/2	-	l	2fsbk	mfr	cw	1vf	0.6	0.8
2	13 - 27	7.5YR 3/4	-	cl	2fsbk	mfr	gw	1vf	0.4	0.6
3	27 - 55	7.5YR 4/4	-	cl	2msbk	mfr	cw	-	0.4	0.6
4	55 - 72	7.5YR 5/4	f1f 10YR 5/8, 6/2	sicl	1fsbk	mfr	cw	-	0.2	0.3
5	72 - 105	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

	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

*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 47 of Stone Ridge Phase II
 Village of Merton, Waukesha County
 Drawn by: Morgan Butler
 Date: Rev. 10/6/2021 Scale: 1" = 60'

Notes:
 1) SB-# borings performed by Morgan Butler, test dated 12/10/18

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 # 31	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: _____		Code derived design flow rate: _____ GPD			
<input type="checkbox"/> Replacement		<input type="checkbox"/> Public or Commercial - Describe: _____					
Parent Material: _____							
General Comments & Recommendations:							

B57-1	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	<u>1039.7</u> ft.	<u>32</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	-	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	9 - 16	7.5YR 2/2	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
3	16 - 32	7.5YR 4/4	-	sicl	2msbk	mfr	cw	1vf	0.4	0.6
4	32 - 43	7.5YR 3/4	f1f 10YR 5/8	grscl	1fsbk	mfr	cw	-	0.2	0.3
5	43 - 54	7.5YR 5/6	c1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

B57-2	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	<u>1043.9</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 - 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	-	grcl	1fsbk	mfr	cw	1vf	0.2	0.3
4	22 - 36	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 of Evaluation Conducted Revised - 11/5/2021	Telephone Number (262) 650 - 2000

County: Waukesha
Parcel ID: MV 0262998005

SB9	Boring #	<input type="checkbox"/>	Boring	Ground Surface Elev.: <u>1038.9</u> ft.	Depth to Limiting Factor: <u>32</u> 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 - 15	7.5YR 3/2	-	l	2fsbk	mfr	cs	1vf	0.6	0.8
2	15 - 32	7.5YR 4/4	-	grcl	2msbk	mfr	cw	-	0.4	0.6
3	32 - 100	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
Soil boring dated 12/10/2018; Boring observed by Lance Brow, Waukesha County										

B58-1	Boring #	<input type="checkbox"/>	Boring	Ground Surface Elev.: <u>1031.8</u> ft.	Depth to Limiting Factor: <u>20</u> in.
		<input checked="" type="checkbox"/>	Pit		

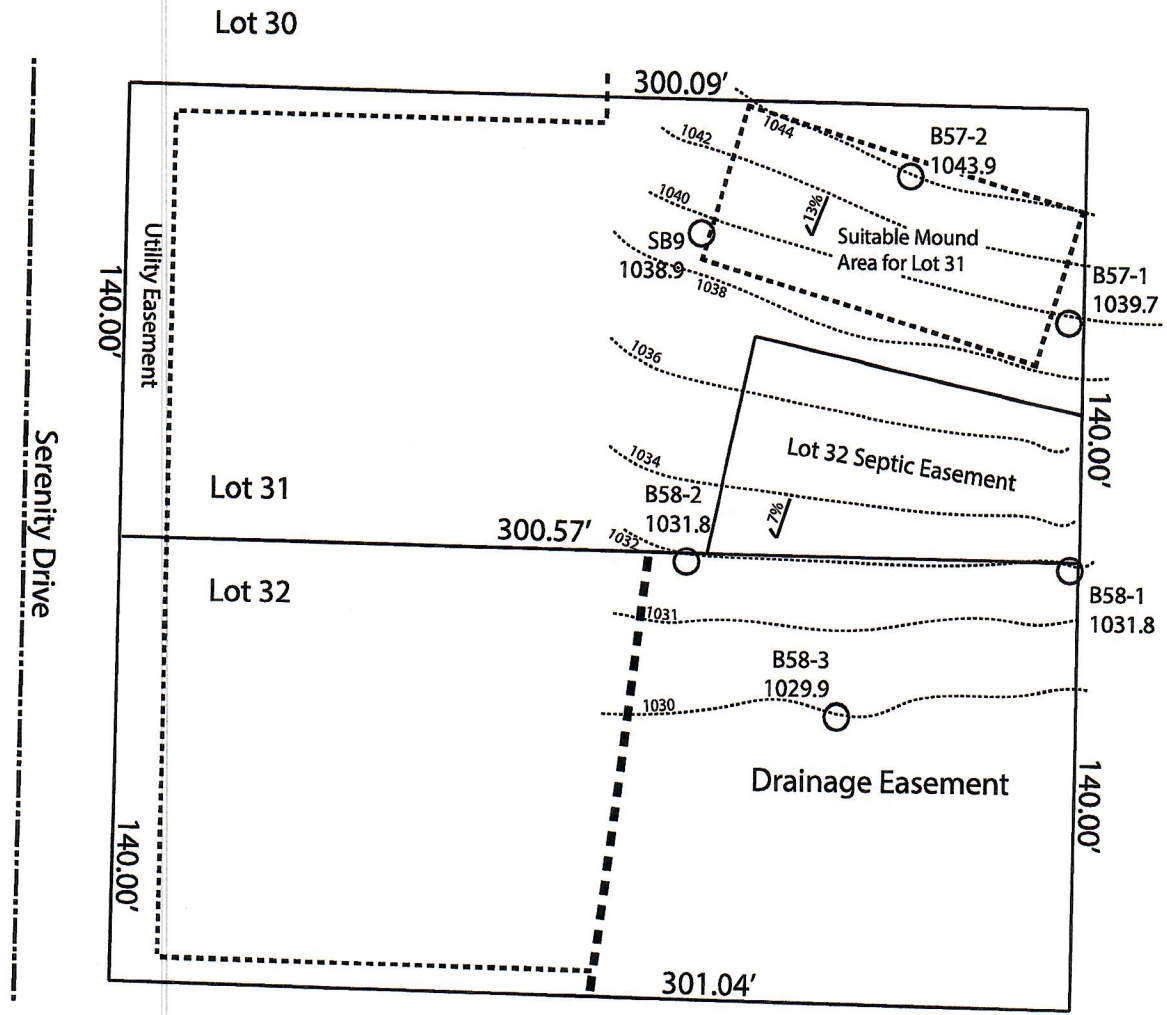
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 8	7.5YR 3/2	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
2	8 - 20	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	20 - 40	7.5YR 5/4	f1d 10YR 5/8, 6/2	grsicl	1fsbk	mfr	-	-	0.4	0.6

B58-2	Boring #	<input type="checkbox"/>	Boring	Ground Surface Elev.: <u>1031.8</u> ft.	Depth to Limiting Factor: <u>30</u> 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 - 11	7.5YR 3/2	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
2	11 - 30	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	30 - 42	7.5YR 5/4	f1d 10YR 5/8, 6/2	grsicl	1fsbk	mfr	-	-	0.4	0.6

*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

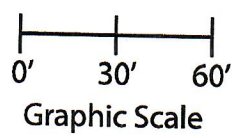


Notes:
 "Lot 32 Septic Easement" is a 100'x45' area found suitable for a four bedroom mound system designated to serve Lot 32.

Attention shall be paid that all nearby designated septic areas as well as necessary 15' downslope are protected during installation of adjacent mound systems.

Plumber shall be responsible for the restoration of Lot 32 drainage easement following construction of Lot 32 mound component.

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 31 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 NW¼, S30, T8N, R19E		
Property Owner's Mailing Address 501 Maple Avenue				Lot # 32	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: _____		Code derived design flow rate: _____ GPD		
<input type="checkbox"/> Replacement		<input type="checkbox"/> Public or Commercial - Describe: _____				
Parent Material: _____						
General Comments & Recommendations:						

B58-1	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	<u>1031.8</u> ft.	<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 - 8	7.5YR 3/2	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
2	8 - 20	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	20 - 40	7.5YR 5/4	f1d 10YR 5/8, 6/2	grsicl	1fsbk	mfr	-	-	0.4	0.6

B58-2	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	<u>1031.8</u> ft.	<u>30</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	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
2	11 - 30	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	30 - 42	7.5YR 5/4	f1d 10YR 5/8, 6/2	grsicl	1fsbk	mfr	-	-	0.4	0.6

*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 <i>Morgan Butler IV</i>	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted Revision 1 - 9/30/2021	Telephone Number (262) 650 - 2000

County: Waukesha
Parcel ID: MV 0262998005

B58-3	Boring #	<input type="checkbox"/>	Boring	Ground Surface Elev.:	<u>1029.9</u> ft.	Depth to Limiting Factor:	<u>24</u> 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 - 16	7.5YR 2/2	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
2	16 - 24	7.5YR 4/4	-	sicl	2fsbk	mfr	cw	1vf	0.4	0.6
3	24 - 48	7.5YR 5/6	c1f 10YR 5/8, 6/2	sicl	1fsbk	mfr	-	-	0.4	0.6

SB9	Boring #	<input type="checkbox"/>	Boring	Ground Surface Elev.:	<u>1038.9</u> ft.	Depth to Limiting Factor:	<u>32</u> 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 - 15	7.5YR 3/2	-	l	2fsbk	mfr	cs	1vf	0.6	0.8
2	15 - 32	7.5YR 4/4	-	grcl	2msbk	mfr	cw	-	0.4	0.6
3	32 - 100	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

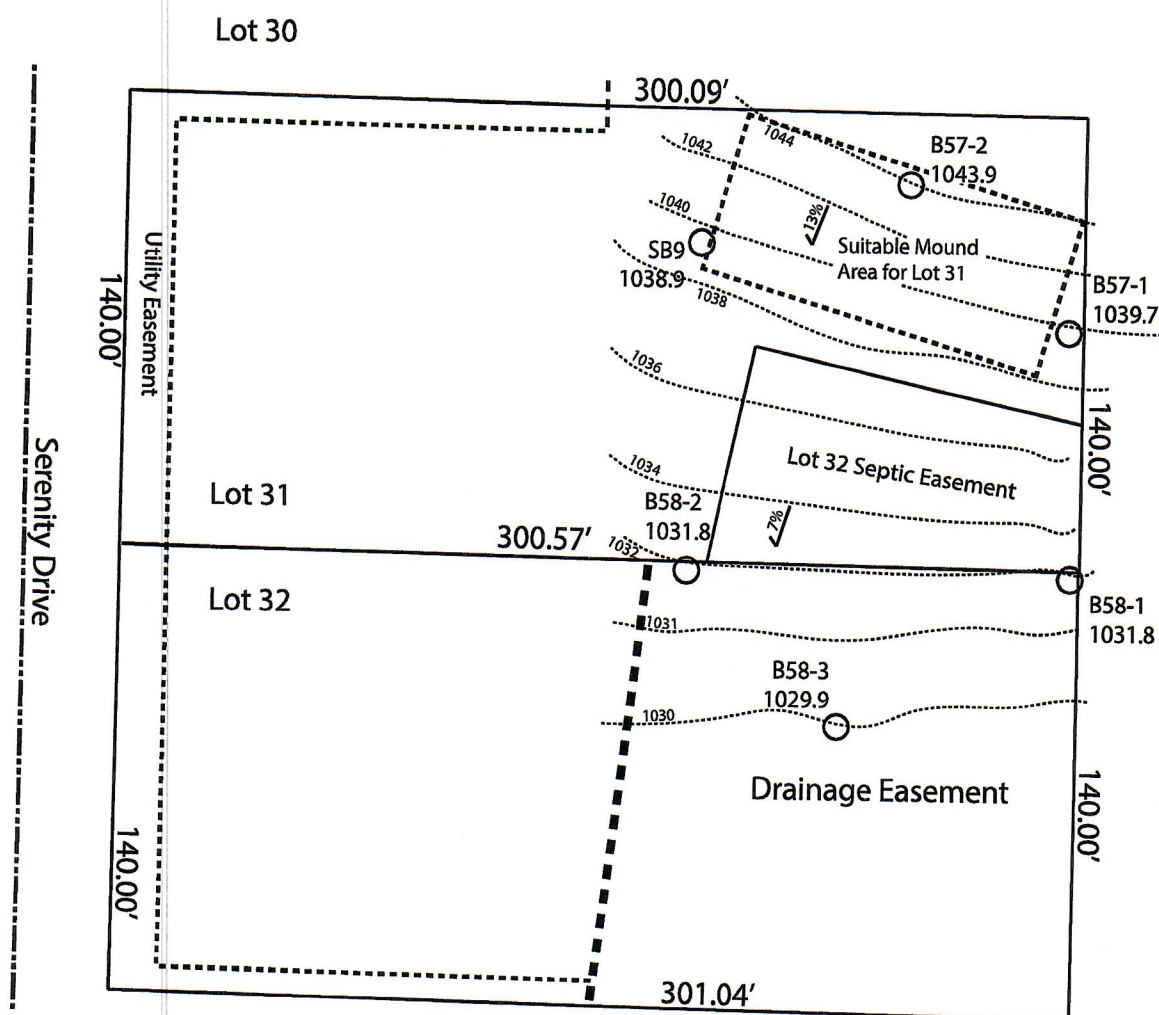
Soil boring dated 12/10/2018; Boring observed by Lance Brow, Waukesha County

B57-1	Boring #	<input type="checkbox"/>	Boring	Ground Surface Elev.:	<u>1039.7</u> ft.	Depth to Limiting Factor:	<u>32</u> 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	-	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	9 - 16	7.5YR 2/2	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
3	16 - 32	7.5YR 4/4	-	sicl	2msbk	mfr	cw	1vf	0.4	0.6
4	32 - 43	7.5YR 3/4	f1f 10YR 5/8	grscl	1fsbk	mfr	cw	-	0.2	0.3
5	43 - 54	7.5YR 5/6	c1f 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

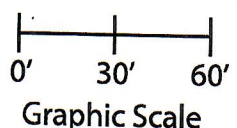


Notes:
 "Lot 32 Septic Easement" is a 100'x45' area found suitable for a four bedroom mound system designated to serve Lot 32.

Attention shall be paid that all nearby designated septic areas as well as necessary 15' downslope are protected during installation of adjacent mound systems.

Plumber shall be responsible for the restoration of Lot 32 drainage easement following construction of Lot 32 mound component.

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 32 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 NW¼, S30, T8N, R19E		
Property Owner's Mailing Address 501 Maple Avenue				Lot # 33	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 <input type="checkbox"/> Replacement		Use: <input checked="" type="checkbox"/> Residential/Number of Bedrooms: <u>4</u>	Code derived design flow rate: <u>600</u> GPD			
Parent Material: _____		Public or Commercial - Describe: _____				

General Comments & Recommendations:

B59-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1030.9</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 - 8	7.5YR 3/2	-	sil	2fsbk	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	f1f 10YR 5/8	grscl	1fsbk	mfr	cw	-	0.2	0.3
4	30 - 40	7.5YR 5/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

B59-2	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1030.9</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 - 12	7.5YR 3/2	-	sil	2fsbk	mfr	cs	1vf	0.6	0.8
2	12 - 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	grscl	1fsbk	mfr	cw	-	0.2	0.3
4	32 - 42	7.5YR 5/4	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 Revision 1 - 9/30/2021	Telephone Number (262) 650 - 2000

County: Waukesha
 Parcel ID: MV 0262998005

B59-3

Boring #

Boring
 Pit

Ground Surface Elev.:
1033.6 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	-	sil	2fsbk	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 - 30	7.5YR 3/4	f1f 10YR 5/8	grscl	1fsbk	mfr	cw	-	0.2	0.3
4	30 - 40	7.5YR 5/4	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

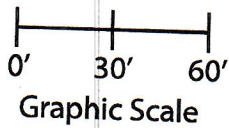
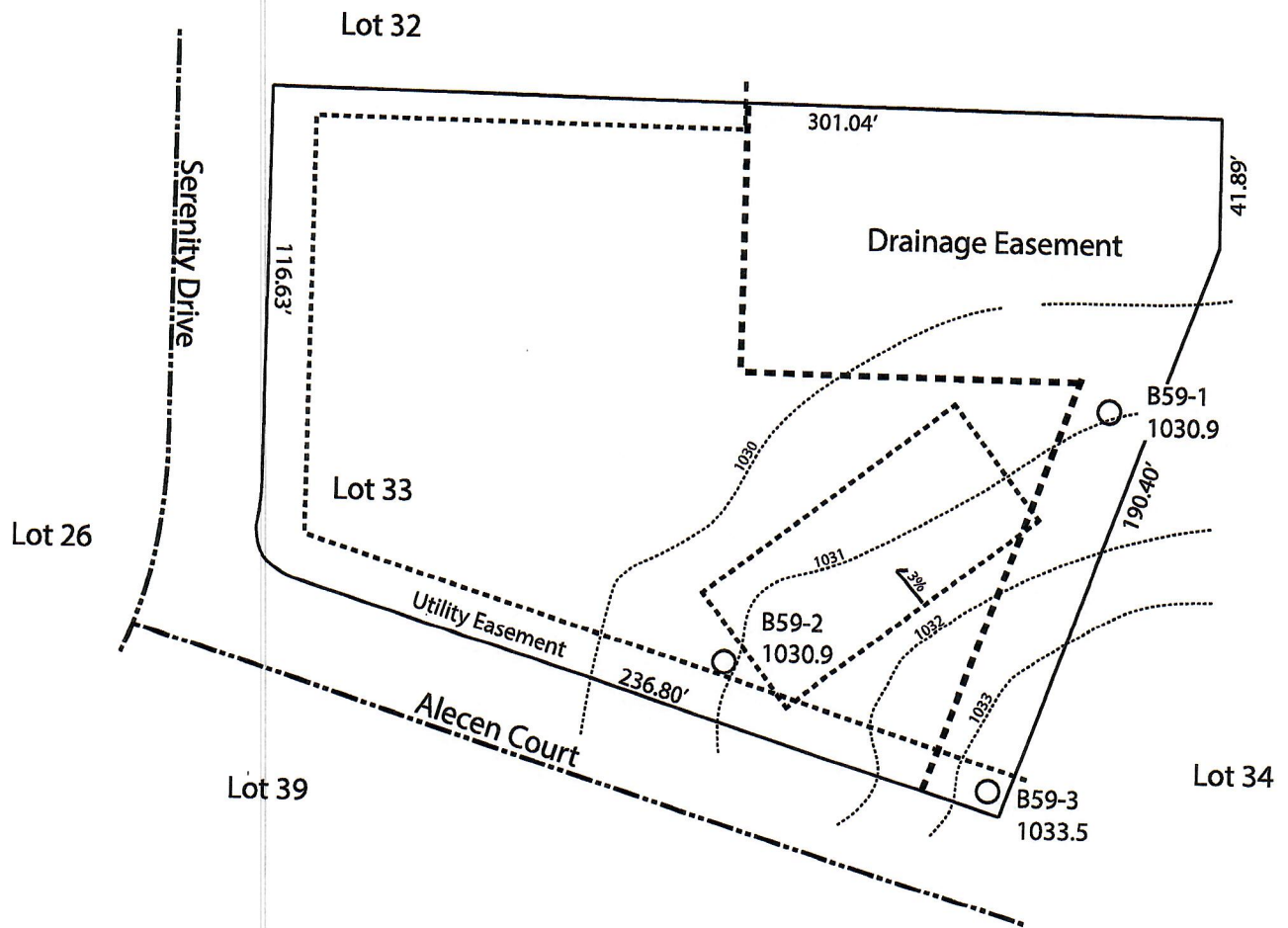
Ground Surface Elev.:
 _____ ft.

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 33 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 # 34	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 type="checkbox"/> New Construction Use: <input 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. Borings observed by Mitch Buhler, Waukesha Co.					
General Comments & Recommendations: Environmental Health							

34-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1033.0</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 - 11	7.5YR 3/2	-	l	2fsbk	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 - 35	7.5YR 4/4	f1f 10YR 5/8	grcl	1fsbk	mfr	gw	-	0.2	0.3
4	35 - 50	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 24"							

34-2	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1032.0</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 - 16	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	16 - 24	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	24 - 40	7.5YR 3/4	f1f 10YR 5/8	grscl	1fsbk	mfr	-	-	0.2	0.3
			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 	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted 11/18/2021	Telephone Number (262) 650 - 2000

County: Waukesha
Parcel ID: MV 0262998005

34-3

Boring #

Boring
 Pit

Boring
Pit

Ground Surface Elev.:
1031.1 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 - 19	7.5YR 3/2	-	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	19 - 30	7.5YR 3/4	c1d 10YR 6/2	sicl	2fsbk	mfr	gw	-	0.4	0.6
3	30 - 45	7.5YR 4/4	c2d 10YR 6/2	sicl	1fsbk	mfr	-	-	0.2	0.3
4										

34-4

Boring #

Boring
 Pit

Boring
Pit

Ground Surface Elev.:
1031.5 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 - 14	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	14 - 19	7.5YR 4/4	-	cl	2fsbk	mfr	gw	1vf	0.4	0.6
3	19 - 40	7.5YR 4/4	c1d 10YR 5/8, 6/2	cl	1fsbk	mfr	-	-	0.2	0.3

35-3

Boring #

Boring
 Pit

Boring
Pit

Ground Surface Elev.:
1033.7 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 - 18	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	18 - 27	7.5YR 3/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	27 - 36	7.5YR 3/4	f1f 10YR 5/8	grcl	1fsbk	mfr	cw	-	0.2	0.3
4	36 - 50	7.5YR 5/4	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 34 & 35 of Stone Ridge Phase II
Village of Merton, Waukesha County
Drawn by: Morgan Butler IV, CST
Date: 11/18/21 Scale: 1" = 60'



456.69'

Drainage Easement

Drainage Easement

639.28'

B34-3
1031.1

Unsuitable Boring

B34-4
1031.5

B35-3
1033.7

1030

Suitable
Mound Area

Suitable
Mound Area

B34-2
1032.0

B34-1
1033.0

B35-2
1037.4

190.40'

Graded Area /
Disturbed Soils

Lot 34
Building Pad

Graded Area /
Disturbed Soils

Lot 35
Building Pad

225.45'

60.02'

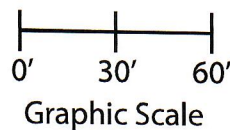
19.98'

149.5'

Utility Easement

Alecen Court

60.0'



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 # 35	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 type="checkbox"/> New Construction Use: <input 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						

35-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1037.4</u> ft.	Depth to Limiting Factor: <u>17</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	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	10 - 17	7.5YR 3/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	17 - 24	7.5YR 3/4	f1f 10YR 5/8	grcl	1fsbk	mfr	cw	-	0.2	0.3
4	24 - 48	7.5YR 5/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

35-2	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1037.4</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 - 12	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	12 - 20	7.5YR 3/4	-	grcl	2fsbk	mfr	cw	1vf	0.4	0.6
3	20 - 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</i>	CST Number 1357852
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted 11/14/2021	Telephone Number (262) 650 - 2000

County: Waukesha
 Parcel ID: MV 0262998005

35-3 Boring # Boring Ground Surface Elev.: Depth to Limiting Factor:
 Pit 1033.7 ft. 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 - 18	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	18 - 27	7.5YR 3/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	27 - 36	7.5YR 3/4	f1f 10YR 5/8	grcl	1fsbk	mfr	cw	-	0.2	0.3
4	36 - 50	7.5YR 5/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

34-1 Boring # Boring Ground Surface Elev.: Depth to Limiting Factor:
 Pit 1033.0 ft. 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 - 11	7.5YR 3/2	-	l	2fsbk	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 - 35	7.5YR 4/4	f1f 10YR 5/8	grcl	1fsbk	mfr	gw	-	0.2	0.3
4	35 - 50	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7
			Roots to 24"							

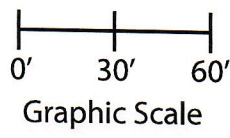
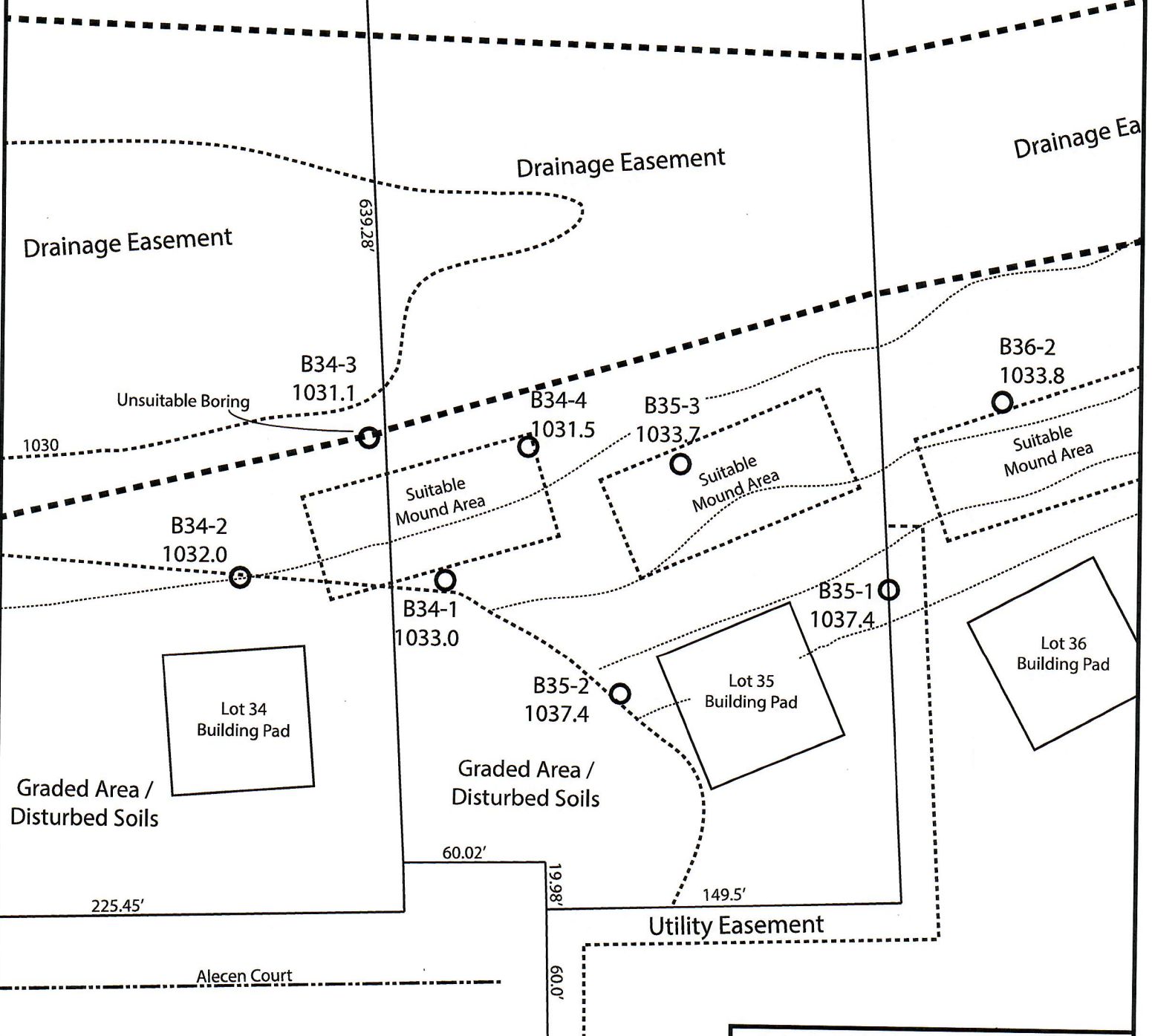
34-4 Boring # Boring Ground Surface Elev.: Depth to Limiting Factor:
 Pit 1031.5 ft. 19 in.

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 - 14	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	14 - 19	7.5YR 4/4	-	cl	2fsbk	mfr	gw	1vf	0.4	0.6
3	19 - 40	7.5YR 4/4	c1d 10YR 5/8, 6/2	cl	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

Lot 35 of Stone Ridge Phase II
Village of Merton, Waukesha County
Drawn by: Morgan Butler IV, CST
Date: 11/14/21 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'

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 # 36	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 mound system							

35-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1037.4</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 - 10	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	10 - 17	7.5YR 3/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	17 - 24	7.5YR 3/4	f1f 10YR 5/8	grcl	1fsbk	mfr	cw	-	0.2	0.3
4	24 - 48	7.5YR 5/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

36-1	Boring #	<input type="checkbox"/> Boring <input checked="" type="checkbox"/> Pit	Ground Surface Elev.: <u>1037.4</u> ft.	Depth to Limiting Factor: <u>21</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 - 14	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	14 - 21	7.5YR 3/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	21 - 27	7.5YR 3/4	f1f 10YR 5/8	grcl	1fsbk	mfr	cw	-	0.2	0.3
4	27 - 45	7.5YR 5/4	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 11/14/2021	Telephone Number (262) 650 - 2000

County:	Waukesha
Parcel ID:	MV 0262998005

36-2	Boring #	<input type="checkbox"/>	Boring	Ground Surface Elev.:	1033.8 ft.	Depth to Limiting Factor:	26 in.
		x	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 - 12	7.5YR 3/2	-	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	12 - 26	7.5YR 3/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	26 - 32	7.5YR 3/4	f1f 10YR 5/8	grcl	1fsbk	mfr	cw	-	0.2	0.3
4	32 - 42	7.5YR 5/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

	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

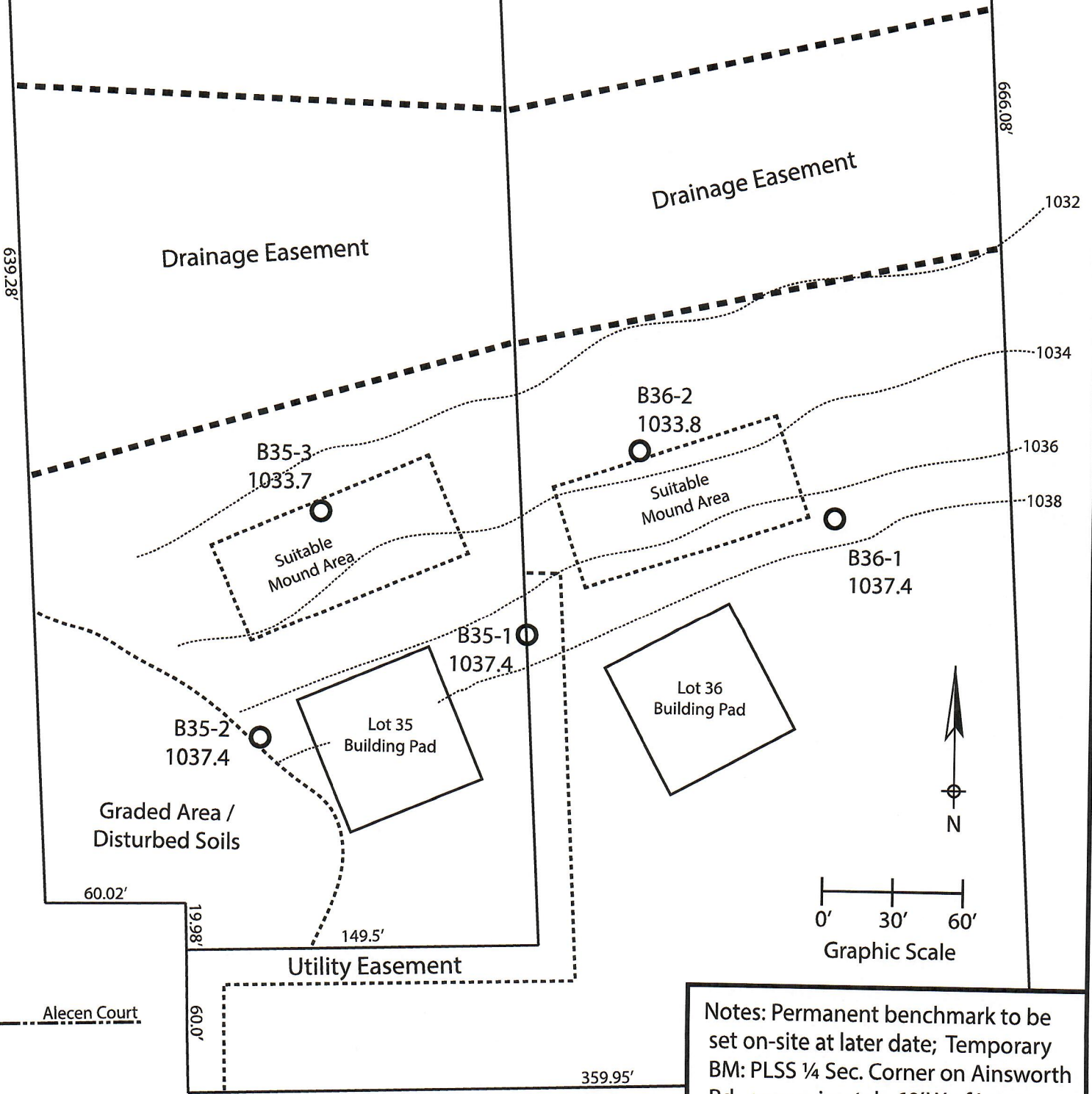
	Boring #	<input type="checkbox"/>	Boring	Ground Surface Elev.:	ft.	Depth to Limiting Factor:	in.
		<input type="checkbox"/>	Pit				

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

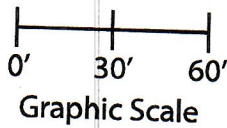
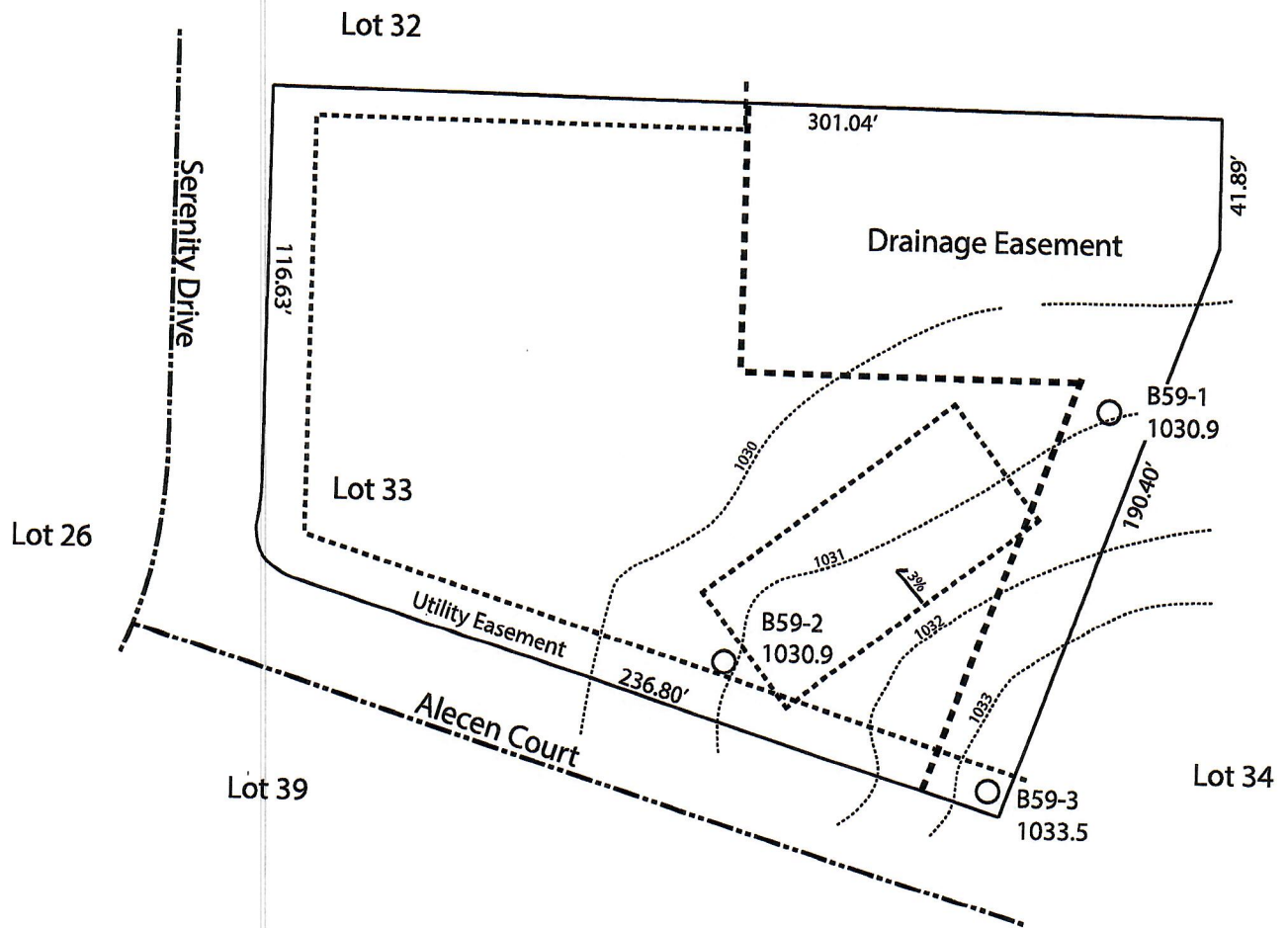
*Effluent #1 = BOD, > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

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

Lot 35 & 36 of Stone Ridge Phase II
Village of Merton, Waukesha County
Drawn by: Morgan Butler IV, CST
Date: 11/14/21 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'



Lot 33 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.

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 SEH Inc				Property Location SE 1/4, NE 1/4, S25, T8N, R18E & NW 1/4, S30, T8N, R19E			
Property Owner's Mailing Address 501 Maple Avenue				Lot # 34 & 35	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 type="checkbox"/> New Construction Use:		<input type="checkbox"/> Residential/Number of Bedrooms: _____		Code derived design flow rate: _____ GPD			
<input type="checkbox"/> Replacement		<input type="checkbox"/> Public or Commercial - Describe: _____					
Parent Material: _____				Revision/Excerpt from test dated 12/10/2018. Original borings observed by Lance Brow & Marc Schultz, Waukesha Co. Environmental Health			

SB15	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	<u>1039.3</u> ft.	<u>30</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 - 8	7.5YR 3/2	-	l	2fsbk	mfr	cw	1vf	0.6	0.8
2	8 - 30	7.5YR 4/4	-	grcl	2fsbk	mfr	cw	-	0.4	0.6
3	30 - 98	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

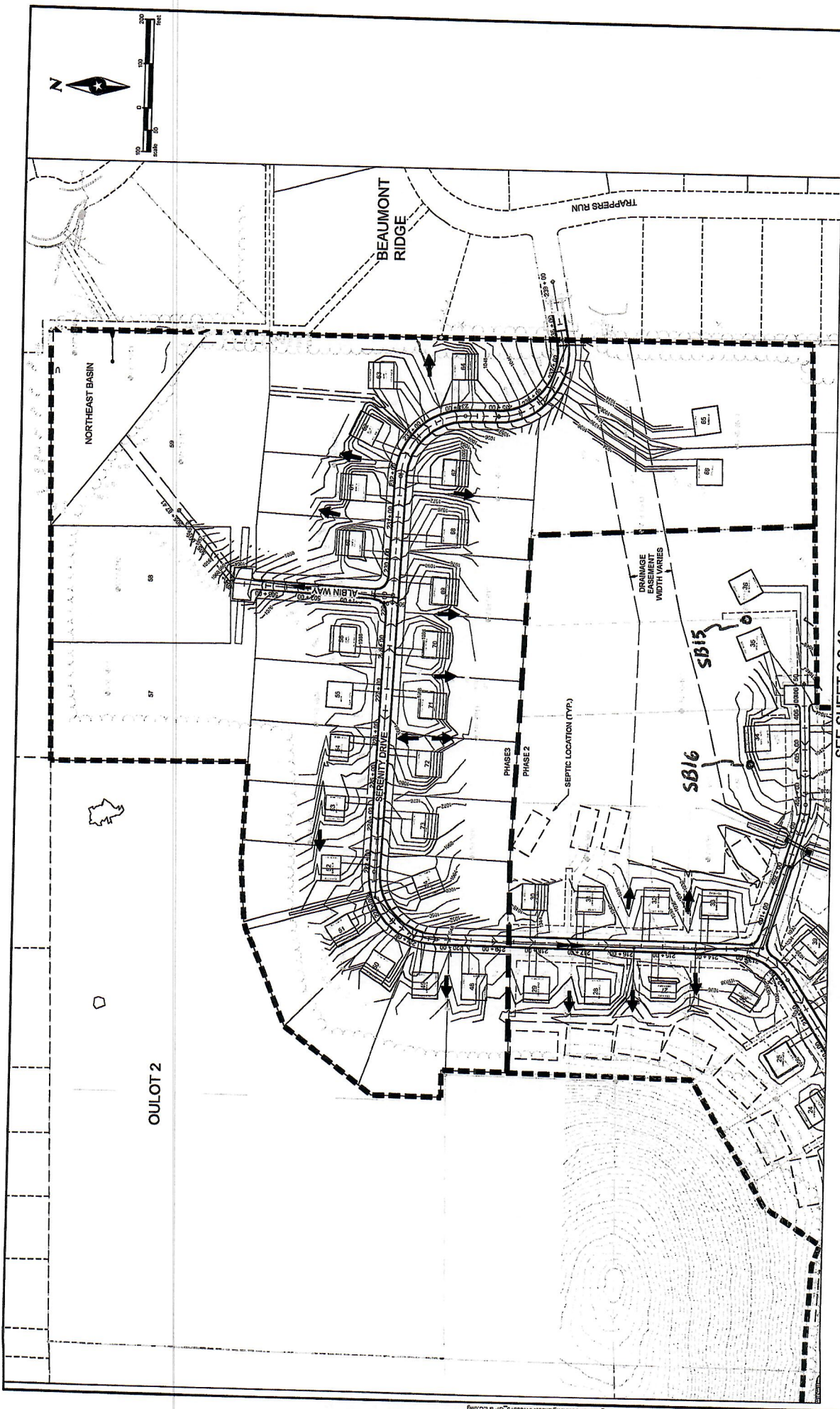
SB16	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	<u>1033.5</u> ft.	<u>36</u> in.

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	-	l	2vfsbk	mfr	cw	1vf	0.6	0.8
2	10 - 19	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	19 - 36	7.5YR 3/4	-	grcl	1fsbk	mfr	gw	-	0.2	0.3
4	36 - 96	7.5YR 6/3	f1f 10YR 5/8, 6/2	grsl	1fsbk	mfr	-	-	0.4	0.7
			Water seeping @ 40"							

*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 Revision 1 - 11/4/2021	Telephone Number (262) 650 - 2000



SEH		STONE RIDGE SUBDIVISION (PHASE 2 & 3) VILLAGE OF MERTON, WISCONSIN		MASTER GRADING PLAN - PHASE 3		C 2.20 of 33	
Revision	Number	Date	Description		Author	Date	
1	A	10/05/21	REVISIONS BASED ON VILLAGE OF MERTON REVIEW		HJCS	10/12/21	
2	A	10/12/21	REVISIONS BASED ON VILLAGE OF MERTON REVIEW		MFG		
					BTP		

SEE SHEET C 2.19

SEE SHEET C 2.19

Scale: 10/14/2021 2:19 PM X:\Projects\10142021_28 PM X\Final\CA\10509796-mfg-BTP\DWG\10142021-28 PM X\Final\CA\10509796-mfg-BTP.dwg

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 # 36	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: _____		Code derived design flow rate: _____ GPD			
<input type="checkbox"/> Replacement		<input type="checkbox"/> Public or Commercial - Describe: _____					
Parent Material: _____							
General Comments & Recommendations: Preliminary boring							

B36-1	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input checked="" type="checkbox"/> Pit	1051.8 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 - 12	7.5YR 3/2	-	l	2fsbk	mfr	cw	1vf	0.6	0.8
2	12 - 24	7.5YR 4/4	-	grscl	2fsbk	mfr	cw	-	0.4	0.6
3	24 - 96	7.5YR 6/3	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

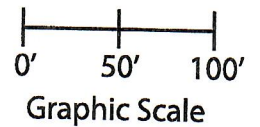
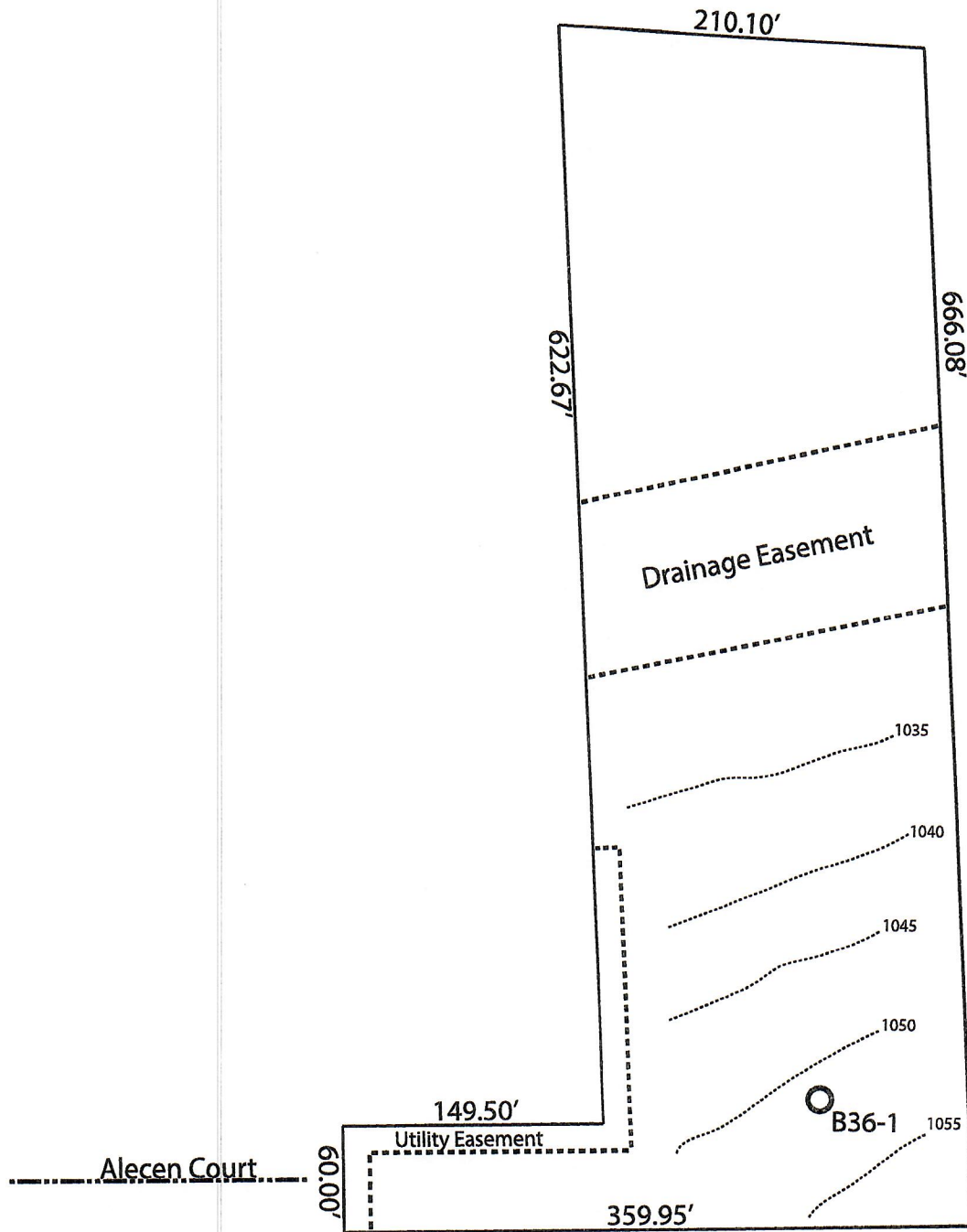
	Boring #	<input type="checkbox"/> Boring	Ground Surface Elev.:	Depth to Limiting Factor:
		<input type="checkbox"/> Pit	_____ ft.	_____ in.

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

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 10/7/2021	Telephone Number (262) 650 - 2000



Lot 36 of Stone Ridge Phase II
Village of Merton, Waukesha County
Drawn by: Morgan Butler IV, CST
Date: 10/7/2021 Scale: 1" = 100'

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 #: 37 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:

B63-1 Boring # Boring Pit Ground Surface Elev.: 1031.3 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 - 6	7.5YR 3/2	-	sil	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	cw	1vf	0.2	0.3
4	22 - 33	7.5YR 6/4	f1f 10YR 5/8	grsl	1fsbk	mfr	-	-	0.4	0.7

B63-2 Boring # Boring Pit Ground Surface Elev.: 1031.3 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 - 7	7.5YR 3/2	-	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	7 - 18	7.5YR 4/4	-	cl	2fsbk	mfr	cw	1vf	0.4	0.6
3	18 - 25	7.5YR 3/4	-	grcl	1fsbk	mfr	cw	1vf	0.2	0.3
4	25 - 33	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: Morgan Butler IV CST Number: 1357852
Address: N679 Tamarack Rd. Palmyra, WI 53156 Date Evaluation Conducted: _____ Telephone Number: (262) 650 - 2000
Revision 1 - 9/30/2021

County: **Waukesha**
 Parcel ID: **MV 0262998005**

B63-3

Boring #

Boring
 Pit

Ground Surface Elev.:
1033.2 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	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 - 26	7.5YR 3/4	-	grcl	1fsbk	mfr	cw	1vf	0.2	0.3
4	26 - 40	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

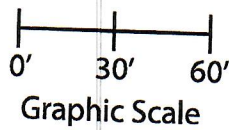
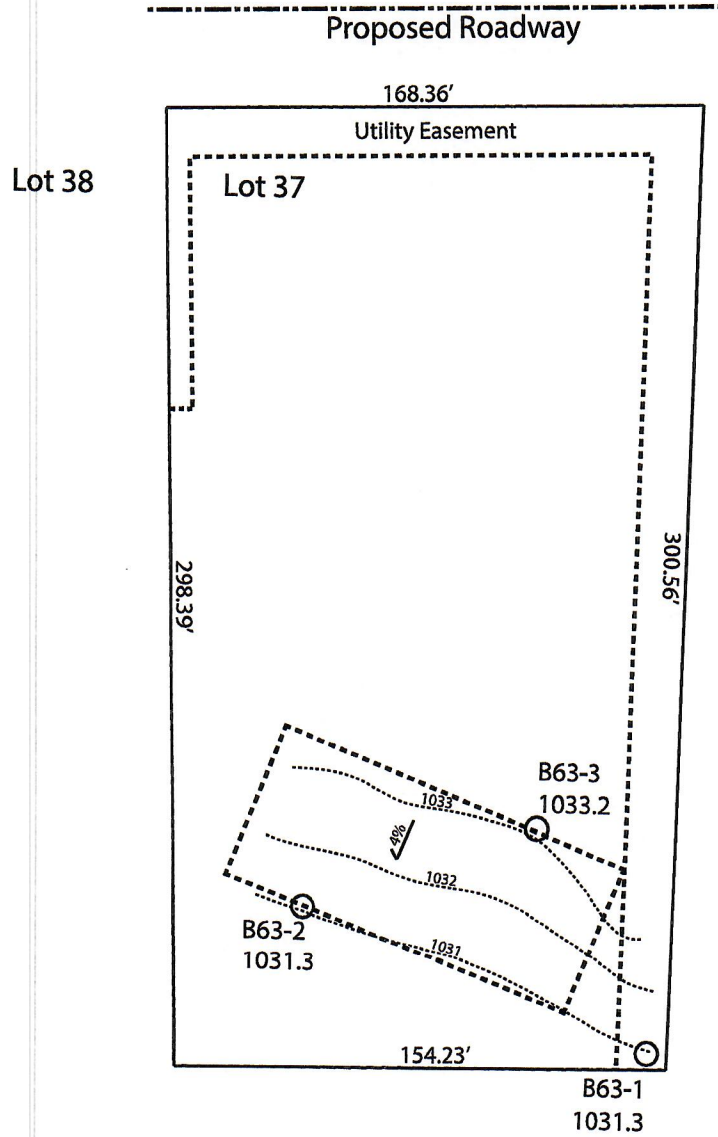
Ground Surface Elev.:
 _____ ft.

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 37 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'