

90 DONOVAN ROAD - OXFORD, CONN. 06478-1028

GEOTECHNICAL / ENVIRONMENTAL SUBSURFACE INVESTIGATIONS - Test Borings - Core Drilling

Monitoring Wells - Recovery Wells - Direct Push/Probe Sampling

UNDERPINNING - HELICAL PILES - SOIL NAILS

G158-2608-23

Re: Lightbridge Academy
26 Legion Drive, Valhalla NY

Dear Mr.

Attached please find the Probe Reports, Test Boring Logs, and location plan for work in Valhalla NY as well as our invoice.

If you have any questions, please do not hesitate to contact us.

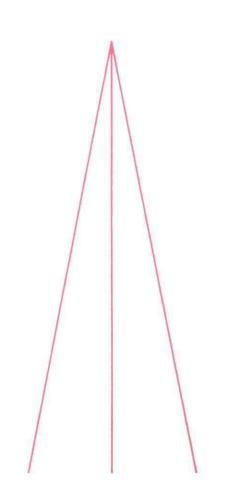
Very truly yours,

James A. DeAngelis

President JAD:mv

SOILTESTING, INC.

то	 DATE 31-Aug-23
ADDRESS	
SITE LOCATION 26 Legion Dr., Valhalla NY	
REPORT SENT TO	
SAMPLES SENT TO Storage (Max 60 days)	



90 Donovan Road Oxford, Connecticut 06478-1028 203-262-9328

Branch Office: White Plains, New York 10607 914-946-4850 JOB NO.

G158-2608-23

SOILTESTING, INC. 90 DONOVAN ROAD	CLIENT:	Gisondi En	gineering	
OXFORD, CT 06478	PROJECT NO.	G158-2608-23		
CT (203) 888-4531	PROJECT NAME	Lightbridge Aca	ademy	
NY (914) 946-4850		Proposed 2	Story Bu	ilding
FOREMAN - DRILLER	LOCATION	26 Legion Drive	Э	
PD/pd		Valhalla NY	′	
		CASING	SAMPLER	Date Start 8/28/23
	TYPE	Auger		Date Fin. 8/28/23
	SIZE O.D.	6"		

				Soil Strata in	Auger Holes	
Probe No.	Water Level (Initial)	Depth Probec (ft)	Moisture	From (ft.) To (ft.)		NOTES:
P-1	None	5'		r rom (it.)	30 (11.)	Behind 6' high wall, probe 5' behind wall
	Observed		moist	0'		Brn F-M sand & silt, some F-C gravel
					4'6"	Same, lit cobbles
					12'	Brn/lt brn F-M & silt, lit cobbles
					12'	End of Probe
P-2	None	7'		0'		Behind 5' high wall, probe 7' behind wall
	Observed		moist		10'	Brn F-M sand & silt, lit F-C gravel Brn/lt brn F-M sand & silt, some F-C gravel, lit cobbles
		-			10'	End of Probe
D 0		401		01		Offset location
P-3	None	10'	moist	0'	3'	Behind 3'6" high wall, probe 10' behind (lower block)wall Brn F sand & silt, some F-M sand
	Observed		v moist		3 8'	Gry F-M sand & silt, some F-C gravel
			VIIIOIO		8'	End of Probe

Г	SOI	LTE	STI	NG,	INC	· .	CLIEN	CLIENT: Gisondi Engineering						SHEET 1 OF 1		
		DO										==		HOLE NO.	B-1	
		FOF T (20					PROJECT NO. G158-2608-23					BORING LOCATIONS				
		r (20 Y (91					Proposed 2-Story Building					Per Plan				
FO	REMAN -						LOCAT	ΓΙΟΝ				ridge Aca				
INIC	JK/mk SPECTOR										26 Legion CASING	SAMPLER		OFFSET		
IINS	PECTOR							TYPE			HSA	SAMPLER	CORE BAR		1/23	
GR	OUND W	ATER	OBSE	ERVA	TIONS	3		SIZE I	.D.		4 1/4"	1 3/8"			1/23	
1	4_FT AF							HAMN	IER W	Γ.		140#	BIT	SURFACE ELEV.		
AT_	FTAF	TER_						HAMN	IER FA	LL		30"		GROUND WATER ELEV.		
				SAM	PLE								FIELD IDENT	IFICATION OF COIL DEMARKS	NO	
DEPTH	CASING BLOWS PER	NO	Туре	PEN	REC	DEPTH	ON (FOR	NS PER SAMP CE ON 6 - 12	LER TUBE)	CORE TIME PER FT	DENSITY OR CONSIST	STRATA CHANGE DEPTH	The American Control of the Control	FIELD IDENTIFICATION OF SOIL REMARKS II COLOR, LOSS OF WASH WATER, SEAMS ROCK, ETC.		
-	FOOT	1	SS	24"	18"	@ BOT	4	5		(MIN)	MOIST	ELEV 4"	Asphalt			
		Ė	- 00		10	20	6	5			moist			ne silt, lit F-C gravel		
				-	_											
5																
		2	SS	24"	10"	7'0"	10	9			compact		Day Count come	all lit E C avairal		
			_				9	11			wet		Brn F sand, some	Siit, iit F-C gravei		
]					
10		3	SS	14"	12"	11'2"	47	39			v dense	10'6"	Brn F-M sand son	ne F-C gravel, some silt		
		3	33	14	12	112	50/2"	33			wet	100	Weathered Bedroo			
												12'5"	EOD 40/5"	Auger Refusal		
15				-									EOB 12'5"			
											1					
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						c locat ocation				t repr	esent					
	OUND SU	RFAC	ETO		F	T. U	SED_			CASIN			ASING TO	FT. HOLE NO.	B-1	
	AUGER R = WEIG				RBED	PISTON WOH =		T = TH T OF H			V = VANE T DS	TEST		C = COARSE		
SS	= SPLIT T	UBE	SAMF	LER		H.S.A. =	HOLL	OW ST	EM AU	IGER				M = MEDIUM		
PRO	OPORTIO	NS US	SED:	TRAC	CE = 0	- 10%	LITTLE	= 10 - 2	20% 5	SOME =	20 - 35% A	4ND = 35 - 5	60%	F = FINE		

	SOI	ITF	STI	NG	INC		CLIEN	IT·			Gison	di Engine	pering	SHEET_1_OF_1	
			NOV				CLIENT: Gisondi Engineering							HOLE NO. B-2	
	OX	FOF	RD, C	T 06	478		PROJECT NO. G158-2608-23								
			3) 26 4) 94				Proposed 2-Story Ruilding						BORING LOCATIONS Per Plan		
FO	REMAN -						LOCA	TION				ridge Aca			
-	JK/mk										26 Legion			OFFICE	
lins	SPECTOR							TYPE			CASING HSA	SAMPLER	CORE BAR	OFFSET DATE START 8/21/23	
GR	OUND W	ATFR	OBSE	-RVA	TIONS	S		SIZE			4 1/4"	1 3/8"			
1	4_FT AF				11011				IER WI	Г.	- /4	140#	BIT	DATE FINISH 8/21/23 SURFACE ELEV.	
AT.	_FT_AF	TER_	_HOU	JRS				HAMN	IER FA	LL		30"		GROUND WATER ELEV.	
				SAM	PLE										
DEPTH	CASING BLOWS PER	NO	Туре	PEN	REC	DEPTH	ON (FOR	WS PER SAMP CE ON 6 - 12	LER TUBE)	CORE TIME PER FT	DENSITY OR CONSIST	STRATA CHANGE DEPTH	1	TIFICATION OF SOIL REMARKS INCL. OSS OF WASH WATER, SEAMS IN ROCK, ETC.	
-	FOOT	1	SS	24"	20"	@ BOT	7	5	1	(MIN)	MOIST	ELEV 4"	Asphalt		
			33	24	20	20	5	4			moist	7	Brn F-C sand, lit F	F-C gravel, lit silt	
		_	_		-			-	-						
5															
		2	SS	24"	18"	7'0"	9	7			compact		D = 111150	70	
							7	9			wet		Brn F sand, lit F-C	gravei, some silt	
10		3	SS	24"	20"	12"	9	7			compact				
		3	33	24	20	12	8	7			wet		Same		
15												14'	EOB 14'	Auger Refusal	
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	cor	nditio	ons a	at sp	ecifi	c locat	ions a	and m	ay no						
GR	COR OUND SU					ocation T. U		imes.		CASIN	G THEN	C/	ASING TO	_FT. HOLE NO. B-2	
A =	AUGER	UP =	UNDI	STUF		PISTON			IINWAL	L	V = VANE 7				
	R = WEIG = SPLIT T					WOH = 1 H.S.A. =					DS.			C = COARSE M = MEDIUM	
											20 - 35% A	ND =35 - 5	0%	F = FINE	

	SOI).	CLIEN	T:	***************************************		Gison	SHEET_1_0				
			NOV									50.0000	00	HOLE NO.	B-3	
			RD, C (3) 26				PROJECT NO. G158-2608-23						BORING LOCATIONS	ffset location)		
			4) 94				Proposed 7-Story Building						Per Plan			
FC	REMAN - JK/mk	DRILI	LER				LOCA	TION			Lightb 26 Legion	ridge Aca				
INS	SPECTOR	7					-				CASING	SAMPLER		OFFSET		
								TYPE			HSA	SS		DATE START	8/21/23	
GF	OUND W	ATER	OBSE	ERVA	TIONS	S	1	SIZE I	.D.		4 1/4"	1 3/8"		DATE FINISH 8/21/23		
	none_FT				JRS				IER W			140#	BIT	SURFACE ELEV.		
AI	FT_AF	TER_						HAMN	IER FA	LL		30"		GROUND WATER ELEV.		
				SAM	PLE	T	-						EIELD IDENT	IEICATION OF SOIL DEN	MADKS INICI	
DEPTH	CASING BLOWS PER	NO	Туре	PEN	REC	DEPTH	ON (FOR	WS PER SAMPI CE ON 6 - 12	LER TUBE)	FT	DENSITY OR CONSIST	STRATA CHANGE DEPTH		TIFICATION OF SOIL REMARKS IN DSS OF WASH WATER, SEAMS IN ROCK, ETC.		
-	FOOT	1	SS	24"	14"	@ BOT	6	6		(MIN)	MOIST	ELEV 2"	Asphalt			
		-	55	24	14	20	4	3			dry			gravel, some silt, trace cobbles	3	
5		_	_		_					-	-					
"		2	SS	24"	10"	7'0"	4	6			compact					
							11	19			dry		Brn F-C sand, lit F-	-C gravel, trace cobbles		
			-							-	-	9'		Auger Refusal		
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	OUND SU AUGER						SED	T = TH		CASIN	G THEN . V = VANE T		ASING TO	_FT. HOLE NO.	B-3	
WC	R = WEIG	нт о	F RO	DS		WOH =	WEIGH	T OF H	AMME	R & RO		201		C = COARSE		
	= SPLIT T										20 - 35% A	ND -35 5	0%	M = MEDIUM F = FINE		
L LZ	JI VINTIU	10 00	ノレレ.	INAC	/L - U	- 10/0	LITTLE	- 10 - 2	-U/0 S	OIVIE -	20-33% P	1110 -33 - 5	U /0	I - I IINL		

	SOII	LTE	STII	NG,	INC	.	CLIENT: Gisondi Engineering						SHEET_1_0	DF_1		
			NOV				0.450.000.00						HOLE NO.	B-4		
			RD, C					ECT NO			G158-2608-23			BORING LOCATIONS		
			3) 26 4) 94				PROJE	ECT NA	ME		Proposed 2-Story Building			Per Plan		
FO	REMAN -	DRILL	_ER				LOCA	TION			Lightbridge Academy 26 Legion Dr., Valhalla NY					
INS	JK/mk PECTOR										CASING	SAMPLER		OFFSET		
								TYPE			HSA	SS		DATE START	8/21/23	
GR	OUND WA	ATER	OBSE	ERVA	TIONS	S	1	SIZE I	.D.		4 1/4"	1 3/8"		DATE FINISH	8/21/23	
	7_FT AF								IER W			140#	BIT	SURFACE ELEV.		
AT_	FTAF	TER_						HAMN	IER FA	LL		30"		GROUND WATER ELEV.		
				SAMI	PLE						DEMOITA	OTD ATA	FIELD IDENT	IFICATION OF SOIL RE	MARKS INICI	
FP	CASING BLOWS PER	NO	Туре	PEN	REC	DEPTH	ON (FOR	WS PER SAMPI CE ON 6 - 12	LER TUBE)	CORE TIME PER FT	DENSITY OR CONSIST	STRATA CHANGE DEPTH		IFICATION OF SOIL REMARKS INC OSS OF WASH WATER, SEAMS IN ROCK, ETC.		
-	FOOT		-			@ BOT				(MIN)	MOIST	ELEV 4"	Asphalt			
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ľ		1	SS	24"	14"	7'0"	8	6			compact					
							6	7			v moist/wet	7'	Brn F-C sand, lit F	-C gravel		
													EOB 7'			
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GR	COI DUND SU	REAC	ons a	at ot	ner l	ocation	is or t	imes.		CASIN	G THEN	CA	ASING TO	FT. HOLE NO). B-4	
A =	AUGER	UP =	UNDI	STUF	RBED	PISTON		T = TH		L	V = VANE 7					
	R = WEIG = SPLIT T					WOH =					DS			C = COARSE M = MEDIUM		
											20 - 35% A	ND =35 - 5	0%	F = FINE		

	SOI					· .	CLIEN	т:			Gison	SHEET_1_OF_1				
				AN F			DDO II	EOT NO			C1	E0 2600	22	HOLE NO. B-5		
				T 06				ECT NA			G158-2608-23 Proposed 2-Story Building			BORING LOCATIONS		
				46-48			1.11001							Per Plan		
FO	REMAN -	DRILL	_ER				LOCA	TION				ridge Aca				
INS	JK/mk SPECTOR										26 Legion CASING			OFFSET		
								TYPE			HSA	SS		DATE START 8/21/23		
ł	OUND W					S	1	SIZE I	.D.		4 1/4"	1 3/8"		DATE FINISH 8/21/23		
1	none_FT FT AF				RS				IER W		-	140# 30"	BIT	SURFACE ELEV. GROUND WATER ELEV.		
AT.		I EK_		SAM	DIE			HAIVIIV	IER FA	1	1			GROUND WATER ELEV.		
		-	`	JAIVII	FLE	Ι					DENSITY	STRATA	FIELD IDENT	IFICATION OF SOIL REMARKS INCL.		
F	CASING BLOWS PER	NO	Туре	PEN	REC	DEPTH	ON (FOR	WS PEI SAMP CE ON 6 - 12	LER TUBE)	CORE TIME PER FT	OR CONSIST	CHANGE DEPTH		DSS OF WASH WATER, SEAMS IN ROCK, ETC.		
_	FOOT					@ BOT	0-0	T	12-10	(MIN)	MOIST	ELEV 4"	A b - l t			
								-			-	4"	Asphalt			
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5								-	-	-	moist	3'6"	Brn silty sand & gr	ravel, cobbles Auger Refusal Poss Bedrock or Boulder		
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140	cor	ditio	ons a	at sp	ecifi	c locat ocatior	ions a	and m	ay no			•				
	US DNUC	RFAC	ETO		F	T. U	SED_			CASIN			ASING TO	FT. HOLE NO. B-5		
	AUGER R = WEIG					PISTON WOH =	WEIGH		IINWAL IAMME		V = VANE 1 DS	IESI		C = COARSE		
SS	= SPLIT T	UBE :	SAMF	LER		H.S.A. =	HOLL	OW ST	EM AU	GER				M = MEDIUM		
PRO	PORTIO	NS US	SED:	TRAC	E = 0	- 10%	LITTLE	= 10 - 2	20% S	OME =	20 - 35% A	ND =35 - 5	0%	F = FINE		

