TP-3

BL Project #2101726

October 13, 2021

100 Constitution Plaza, 10th Floo Hartford, CT 06103 (860) 249-2200 (860) 249-2400 Fax

> ONNECTICUT **PMENT**

S80 LAKE ROAD LLAND COUNTY, CONN ED S OP

Designed Z.T.Z. Drawn J.A.B. Reviewed 1" = 30' Scale 2101726 Project No. 11/18/2021 Date

CAD File: TP210172601

TEST PIT NOTES

TP-1 BL Project #2101726 October 13, 2021 580 Lake Road, Andover, CT TEST PIT FIELD LOG EXCAVATION EQUIPMENT PERSONNEL PRESENT Sarah LeClerc - BL Companies Fround Surface Elevation 292.10 NAVD 88

55-70 Model Reach Foggy/Partly Cloudy

SOIL DESCRIPTION Boulder Data 0"-17" Topsoil 17"-30" Orange/Brown Fine Sandy Loam 30"-59" Brown Sand and Medium/Course Gravel and Cobbles and cobbles 59"-129" Brown Medium Sand, Stratified trace cobbles Bottom of Test Pit at 129" REMARKS: . Mottling was not observed. . Ground water was obseved at 104" . Bedrock was not observed.

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PROPORTIONS USED C

TERMS

M - Moderate

OCCASIONAL

FREQUENT

NUMEROUS

(QUANTITATIVE TERMS)

TRACE (TR) 0-10% LITTLE (LI) 10-20%

SOME (SO) 20-35% AND 35-50%

TEST PIT FIELD LOG PERSONNEL PRESENT EXCAVATION EQUIPMENT Sarah LeClerc - BL Companies Ground Surface Elevation 292.50 NAVD 88 e 55-70 Bucket Capacity ____ Foggy/Partly Cloudy SOIL DESCRIPTION Boulder Data 0"-16" Topsoil 16"-33" Orange/Brown Fine Sandy Loam 33"-66" Brown Sand and Medium/Course Gravel and Cobbles and cobbles 66"-156" Brown Medium Sand, Stratified trace cobbles Bottom of Test Pit at 156" EMARKS: . Mottling was not observed. 2. Ground water was obseved at 109" . Bedrock was not observed. TEST PIT PLAN PROPORTIONS USED QU EXCAVATION EFFORT (QUANTITATIVE TERMS) TERMS Classification 3" - 12" 12" - 24 Designation Cobble (C) TRACE (TR) 0-10% OCCASIONAL M - Moderate LITTLE (LI) 10-20% - Difficult SOME (SO) 20-35% Small (S) FREQUENT \longrightarrow 24" - 36" 35-50% Medium (M) NUMEROUS ____ Observed Depth to 36" and Larger Large (L)

580 Lake Road, Andover, CT

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TEST PIT FIELD LOG PERSONNEL PRESENT EXCAVATION EQUIPMENT Sarah LeClerc - BL Companies Ground Surface Elevation NAVD 88 55-70 Bucket Capacity Model
Reach Foggy/Partly Cloudy SOIL DESCRIPTION Excav. Effort Depth Boulder Data 0"-12" Topsoil 12"-26" Orange/Brown Fine Sandy Loam 26"-74" Brown Sand and Cobbles and Small Boulders d cobbles/boulders 74"-153" Brown Medium Sand, Stratified trace cobbles Bottom of Test Pit at 153" REMARKS: 1. Mottling was not observed. 2. Ground water was obseved at 121" 3. Bedrock was not observed. TEST PIT PLAN LEGEND
PROPORTIONS USED QUALITATIVE EXCAVATION EFFORT (QUANTITATIVE TERMS) TERMS Classification 3" - 12" 12" - 24 24" - 36" TRACE (TR) 0-10% LITTLE (LI) 10-20% Designation OCCASIONAL M - Moderate Cobble (C) D - Difficult SOME (SO) 20-35% AND 35-50% Small (S) FREQUENT \rightarrow Medium (M) NUMEROUS Observed Depth to 36" and Larger

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TEST PIT PLAN

 $\longrightarrow \hspace{-1mm} \blacktriangleright$

Classification 3" - 12" 12" - 24

24" - 36"

36" and Larger

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Designation Cobble (C)

Small (S)

Medium (M)

Large (L)

TP-4 BL Project #2101726 October 13, 2021

EXCAVATION EFFORT

Observed Depth to

			T	EST PIT	FIELD	LOG			
PERSONNEL PRESENT EXCAVATION EQUIPMENT									
rah LeClerc - BL Companies		es	Contractor	Suhoski			Ground Surfa		296.20
			Operator CAT			Datum	NAVD 88 55-70		
			Make Bucket Capacity	Model Reach	CAT	Temperature Weather	Foggy/Partly Cloudy		
			Bucket Cupacity				- Treatmen	1 0553/1 41413	Cloudy
								Cobble and	
Depth	SOIL DESCRIPTION					Excav.	Boulder	Remar	
	-						Effort	Data	No.
0"-13"	Topsoil						Е		
13"-28"	Orange/Bro	wn Fine Sa	andy Loam				Е		
28"-80"	Brown Sand and Medium/Course Gravel and Cobbles				Е	d cobbles/boulde	l ers		
80"-101"	Orange/Bro	wn Fine Sa	andy Loam				Е	trace cobbles	2
101"-153"	Brown Med	lium Sand,	Stratified				Е	trace cobbles	2
				of Test Pit at 1					
			2000011						
MARKS:									
Mottling wa	as not observe	d.							
	ter was obseve								
	was taken at								
TEST PIT PI		AN LEGEND COBBLES AND BOULDERS PROPORTIONS USED QUALITATIVE						CAVATION EFFOR	т
	_ `	- January A		I	TIVE TERMS)	TERMS			-
	000	ze Range	Letter	TED A CIE (TED)	0.1007	OCC V GLCS T. T.	E - Easy		
		ssification 3" - 12"	Designation Cobble (C)	TRACE (TR) LITTLE (LI)	0-10% 10-20%	OCCASIONAL FEW	M - Moderate D - Difficult		
	0000	12" - 24	Small (S)	SOME (SO)	20-35%	FREQUENT	_ Zilloun		
→		4" - 36"	Medium (M)	AND	35-50%	NUMEROUS		Observed Depth to	
North	36"	and Larger	Large (L)					Groundwater	
	ı			1		1	1		

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PERSONNEL PRESENT

Operator

Sarah LeClerc - BL Companies

0"-20" Topsoil

20"-41" Orange/Brown Fine Sandy Loam

76"-130" Red/Brown Fine Sandy Loam

41"-76" Brown Sand and Medium/Course Gravel and Cobbles

COBBLES AND BOULDERS

Designation

Cobble (C)

Small (S)

Classification

24" - 36"

36" and Larger

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Depth

EMARKS:

1. Mottling was not observed.

3. Bedrock was not observed.

 \longrightarrow

4. Soil sample was taken at 60".

2. Ground water was obseved at 120"

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TEST PIT FIELD LOG

EXCAVATION EQUIPMENT

Make Model CAT
Bucket Capacity Reach

SOIL DESCRIPTION

Bottom of Test Pit at 130"

TP-5 BL Project #2101726 October 13, 2021

Foggy/Partly Cloudy

Boulder Remark

Cobble and

Data

and cobbles

E trace cobbles

EXCAVATION EFFORT

M - Moderate

Excav.

Effort

TP-2

BL Project #2101726

October 13, 2021

580 Lake Road, Andover, CT

TP-6 BL Project #2101726 October 13, 2021

PERSON	NEL PRESENT	-	EXCAVATION EQUIPME				
Sarah LeClerc -	BL Companies	Contractor Operator Make Bucket Capacity	Suhoski Model Reach	CAT	Ground Surface Datum Temperature Weather	te Elevation NAVD 55-70 Foggy/Partly	0
Depth		SOIL I	DESCRIPTION		Excav. Effort	Cobble and Boulder Data	Remark No.
0"-20"	Topsoil				Е		
20"-31"	Orange/Brown Fine	e Sandy Loam	E				
31"-83"	Brown Sand and M	ledium/Course Gravel	l and Cobbles		Е	and cobbles	
83"-110"	83"-110" Red/Brown Fine Sandy Loam					trace cobbles	2
		Bottom o	f Test Pit at 110"				
REMARKS:							

TEST PIT PLAN

ELECTRIC CONTRACTOR CO								
COBBLES AND BOULDERS		PROPORTIONS USED		QUALITATIVE	EXCAVATION EFFORT			
		(QUANTITA	TIVE TERMS)	TERMS				
Size Range	Letter				E - Easy			
Classification	Designation	TRACE (TR)	0-10%	OCCASIONAL	M - Moderate			
3" - 12"	Cobble (C)	LITTLE (LI)	10-20%	FEW	D - Difficult			
12" - 24	Small (S)	SOME (SO)	20-35%	FREQUENT				
24" - 36"	Medium (M)	AND	35-50%	NUMEROUS	_▼	Observed Depth to		
36" and Larger	Large (L)					Groundwater		

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C-TST-2101726-Perc Tests-2021-10-13.xls PERCOLATION TEST DATA

26 0.88 Slowest rate = 8.33 min/in

Hole Presoaked Prior to Test (11:36 AM - 12:06 PM) 30 min.

0'- 9" 9'- 19" 19'- 60" 60'- 92"

8 MIN./IN. 2 MIN./IN.

TEST PIT LOGS AND PERCOLATION TEST DATA

Percolation Test Data 580 Lake Road - Andover, CT

Depth = 5'6" below grade

Sarah LeClerc

Percolation test performed on October 13, 2021 By:

FROM SITE PLAN FOR PROTECH SERVICES DATED 10/01/2001

TEST PIT LOGS

PROPORTIONS USED QUALITATIVE

TERMS

NUMEROUS

(QUANTITATIVE TERMS)

35-50%

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LITTLE (LI) 10-20%

SOME (SO) 20-35%

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Hole Depth=

Sheet No.