PARKER HARDING PLAZA SOILS REPORT & GEOTECHNICAL INVESTIGATION FINDINGS

04/13/2023



	. $ ot\!\!\!/$	\/ \ <i>L</i>	$\tau A \Lambda$	Į ı	og of B	Soring		L	B-0	1				Shee	t	1	of	1
Project		Reconnecting	the Riverfront: Parker	Harding F	Plaza	Project N	0.		140	25120)1							
Location		Parker Hardin	g Plaza, Wesport, CT			Elevation	and D	atum		rox. e	I. 8.0 (NA\	√D 88	8)					
Drilling C	ompany	Associated Bo	orings Company, Inc.			Date Star	ted		2/22	2/2023	3	Date	e Finishe	ed	2/22	/202	3	
Drilling E	quipment	CME 45B trucl	k-mounted ria			Completion	on Dep	th	5.5	ft		Roc	k Depth		N/E			
Size and	Type of E					Number of	of Sam	ples		turbed	3	Und	listurbed	0	Core			0
Casing D	iameter (Casing D	epth (ft)	Water Le	vel (ft.))	Firs	t 7	N/E	Con	npletion	N/A	24 F	IR.	N/	Ά
Casing H	lammer	N/A	Weight (lbs) N/A	Drop	(in) N/A	Drilling Fo	oremai	1	lam	nie Llo	ret							
Sampler Sampler	Hammer	2in OD Split Spo	Weight (lbs)	Drop	(in)	Field Eng	jineer											
		Donut	140		30					ple Da	<i>N</i> endland ata			Do	marl	·		
Material Symbol	Elev. (ft)		Sample Description	n		Depth Scale	Number	/be	n) cov.	Penetr- resist BL/6in	N-Value			lling Fluid		ing D		
Σσ	+8.0	4" conholt				0 =	Nu	F	ě :	Per Re	(Blows/ft)		Fluid Lo	oss, Drilli	ng Re	sistar	ce, et	c.)
	+1.1	4" asphalt																
		Gray fine to coarse (moist) [FILL]	e SAND, some fine to coa	arse gravel,	some silt		S-1	SS SS	6	46 61	6	11•						
		Light brown Silty fi gravel (moist) [FIL	ine to coarse SAND, som L1	ie coarse to	fine	2 -	S-2	SS	5	²⁵ 50/2"	50/2			ft. Hard a rig chatte				
		0 ()1	•			3 -												
		Light brown Silty fi	ine to coarse SAND, som	ne fine to co	arse	4 -				2 1 200/5				ft. Hard a			ght rig	
		gravel (moist) [FIL				5 -	S-3	SS	3	"	100/5	;"• cn	iatter. Lig	ght browr	Cuttii	ngs		
	+2.5		End of Boring at 5.5ft	•		6 -								.5ft. Hard				
												ch 5.	natter. Br 5ft. Borir	own cutti	ngs. <i>A</i> ated a	Auger at 5.5f	refusa t. Borir	ıl at ng
						7								to grade i h asphalt		utting	s. Bori	ng
						8 -												
						9												
						10												
						12 -												
						13												
						14												
						15												
						16												
						17												
						18 -												
						19												
						11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 19 - 19 - 19 - 19 - 19 - 19												

Printed on 03/02/2023 16:23:17

	. /	l/V	JAN	Log of B	oring		LI	B-0	2			Shee	t 1	of 2
Project		Reconnectir	ng the Riverfront: Parker Ha	rding Plaza	Project No).		140	25120	1				
ocation					Elevation	and Da	tum	Anr	arov ol	I 0 0 /N	۸۱/۲) 00)		
Orilling C	Company	Faikei Hait	ding Plaza, Wesport, CT		Date Start	ed		App	JIOX. EI	l. 8.0 (N	_	Date Finished		
Orilling E	quipment	•			Completio	n Dont	h	2/2	2/2023	i		Rock Depth	2/22/202	23
					Completio	п Бері	.11	22.0				соск Берш	N/E	
Size and	Type of E	Bit 2-1/4in hollo	ow-stem auger		Number of	f Samp	les	Dis	turbed	8	l	Jndisturbed 0	Core	0
Casing D	Diameter (in)	Ca	asing Depth (ft)	Water Lev	el (ft.)		Fire	st Z	8.0	(Completion ▼ 5.5	24 HR.	N/A
Casing H	lammer	N/A	Weight (lbs) N/A	Drop (in) N/A	Drilling Fo	reman								
Sampler		2in OD Split S	<u> </u>		Field Engi	neer		Jan	nie Llo	ret				
Sampler	Hammer	Donut	Weight (lbs) 140	Drop (in) 30	T lold Eligi			Mat	tthew V	Vendlan	d			
ial o					Depth		5	Sam	ple Da	ata		Re	marks	
Material Symbol	Elev. (ft)		Sample Description		Scale	Number	ype	scov. in)	Penetr- resist BL/6in	N-Valu (Blows/		(Drilling Fluid	I, Casing D	Depth,
≥ 00	+8.0				0 =	N N	⊥	Re)	S = H	10 20 30	,	Fluid Loss, Drilli	ng Resista	nce, etc.)
	+7.8	3" asphalt			─1E =									
			e to coarse SAND, some fine to asphalt (moist)[FILL]	coarse gravel,	2 -	S-1	SS		50/2"	50	/2"			
XX		,	e to coarse SAND, some fine to	coarse gravel	2		" =		21			Auger to 2ft. Mediu		
		trace silt (moist)		oodise graver,					27			Light rig chatter. Lig	ht brown o	cuttings
XX					3	S-2	SS	4	50		77			
XX		Grayish brown t	to brown fine to coarse SAND, s	some fine gravel,	4		-		30 17			Auger to 4ft. Mediu		g. Light rig
		trace silt (moist)) [FILL]		5	S-3	SS	5	30		56	chatter. Light browr	cuttings	
					¥	0-3	S	3	26		/			
		No Recovery			6		-		29 16					
XX					7	S-4	SS	0	18	28 •				
									10					
XX			e to coarse SAND, some silt, tra	ce fine to coarse	8 =		1		7 16		(Auger to 8ft. Hard a Medium augering fi	ugering to om 7ft to 8	7ft. 8ft. Light rig
$\times\!\!\times\!\!\!\times$		gravel (wet) [FII	LLJ		E 9 =	S-5	SS	4	22 16	38		chatter. Brown cutti		0 0
	-2.0								11					
	2.0	Light brown coa	arse to fine SAND, some fine gra	avel, trace silt	10		Ē		5			Auger to 10ft. Medi chatter. Light brown	. •	ng. Light rig
		()			11	S-6	SS	4	3	9				
					12		E		4					
					13									
					14									
			fine to coarse SAND, trace fine	gravel, trace silt	15				18			Auger to 15ft. Medi brown cuttings	um augerir	ng. Light
		(wet)			16	S-7	SS	2	16	20		3		
					11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 19 - 19 - 19 - 19 - 19 - 19				4 4					
					17									
					18									
					19 =									
		Gray fine to coa	arse SAND, trace silt, trace fine	gravel (wet)	20		=		45			Auger to 20ft. Medi	um augerir	ng. Brown

Printed on 03/02/2023 16:23:01

LANGAN Log of Boring LB-02

Sheet 2 of 2

											
Project		Reconnecting the Riverfront: Parker Harding Plaza	Project No	•		14	025	5120	1		
Location			Elevation a	and Da	tum						
I								e Da	ata		
Material Symbol	Elev.	Sample Description	Depth Scale	e			T			/_ l	Remarks
Mat Syn	(ft) -12.4	Gample Description	Ocale	Number	Type	Recov (in)	Penet	resist BL/6in	(Blov	alue ws/ft)	(Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	12.7		20.4					28	10 20	30 40	cuttings
			21 - 22 -		SS	10	7	20		35	
	-14.0	Grayish brown coarse to fine SAND, some silt, some coarse to fine gravel (wet)	22	S-8B				7			Boring terminated at 22ft. Boring backfilled to grade with cuttings and
		End of Boring at 22ft.	É .								backfilled to grade with cuttings and sand. Boring sealed with asphalt
			23								
			23 -								
			25								
			26								
			27								
			28								
			29								
			30								
			E 3								
			31								
			21								
			33								
			34								
			E .								
			35								
			35 - 36 - 36 - 36								
			37 -								
			38								
			39								
			40								
			E 41								
			42								
			E 3								
			43								
			44								
			37 37 38 38 39 39 39 39 39 39 39 39 39 39 39 39 39								
Longer	Jong D-	tabase, Project : 140251201, Reconnecting the Riverfront: Parker Har		Drad		1 6 1	02/0	12/20	22.46	22.04	
Langan C	nouu Da	tabase, i reject. 140201201, Neconinecting the Nivernont. Falker Hal	uniy riaza	. i iou	uu c l	act	JUIU	2120	_0 10.	20.UI	

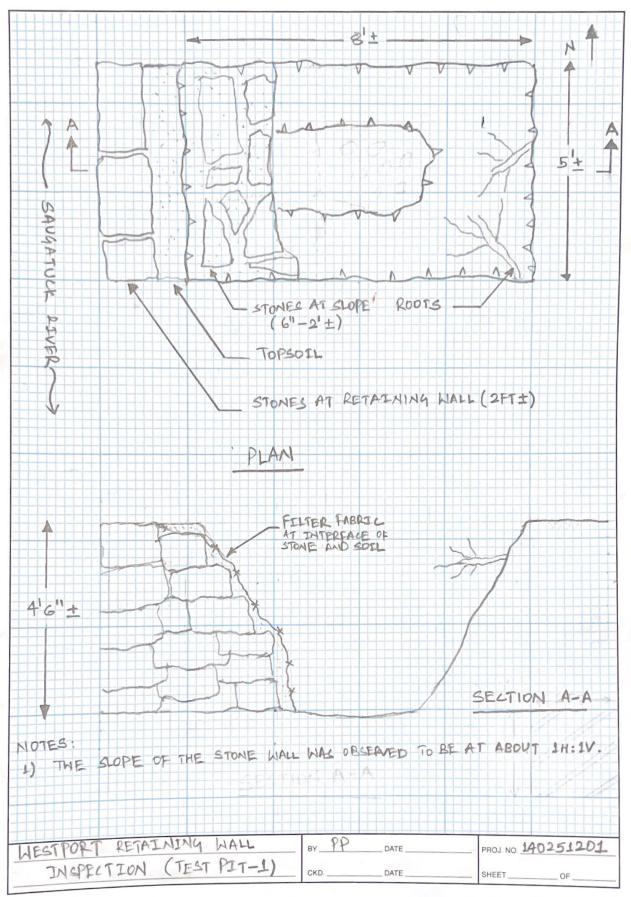
roject		Reconnecting	the Riverfront: Parker	Harding Plaza	Project No).		1//	25120	11				
ocation				narding Plaza	Elevation	and Da	atum							
rillina C	ompany	Parker Hardin	g Plaza, Wesport, CT		Date Start	ed		App	orox. e	I. 8.0 (NAV	D 88) Date Finished		
								2/2	2/2023	3			2/22/202	23
rilling E	quipmen	I			Completio	п Dер	th	22.	0 ft			Rock Depth	N/E	
ize and	Type of I	Bit 2-1/4in hollow-	-stem auger		Number o	f Sam	oles	Dis	turbed	8		Undisturbed 0	Core	0
asing D	iameter (in)		Casing Depth (ft)	Water Lev	el (ft.)		Fir	st Z	6.5		Completion 6.0	24 HR.	N/A
asing H	lammer	N/A	Weight (lbs) N/A	Drop (in) N/A	Drilling Fo	reman	l			4			•	
Sampler		2in OD Split Spo		D (1)	Field Engi	neer		Jai	nie Llo	ret				
ampler	Hammer	Donut	Weight (lbs) 140	Drop (in) 30						Nendla	and	1		
erial bol	Elev.		0 1 5 : "		Depth				ple D			Re	marks	
Material Symbol	(ft)		Sample Descriptio	n	Scale	Number	Туре	Recov.	Penetr- resist BL/6in	N-Va (Blow		(Drilling Fluid Fluid Loss, Drilli		
	+8.0	8" asphalt			0 =	Z			н н	10 20	30 40	·		
	+7.3				─ 1 1									
		Light brown fine to trace asphalt (moi	o coarse SAND, some silt, st) [FILL]	, trace fine gravel,		S-1	SS	6	65 44		44			
		Brown to light brov	wn fine to coarse SAND, s	some silt, trace fine	2 -		I		20			Auger to 2ft. Hard a chatter. Light brown		ight rig
		graver (moist) [FIL	.c.j		3 =	S-2	SS	5	21 40		6	1		
									11					
					F 4 -									
		No Recovery			5		H		17			Auger to 5ft. Mediu		
					6	S-3	SS	0	12	/2	0	Lighting chatter. Lig	JIII DIOWII (cuttings
					7 - 8 - 8 - 8 - 8				8					
		No Recovery			7 -				10					
					8 -	S-4	SS	0	1	√ 5				
							SS		1					
		Brown coarse to fi woody vegetation	ne SAND, some fine grav (wet) [FILL]	vel, some silt, trace	9 -				1			Auger to 9ft. No vis	ible cutting	gs
		, 3	· /L]		10	S-5	SS		WOH '	1				
XX	-3.0				11 =				3			Auger to 11ft. Light	ria chatte	r Liaht
$///\lambda$		Dark gray sandy C	CLAY, trace fine gravel, so	me organics (wet)			SS		33 24			brown cuttings	ng onatio	Ligiti
///					12 —	S-6	SS	6	20		44			
7//					13		H		21					
7//	-6.0													
					14									
		Gray Silty fine to o	coarse SAND, some fine t	o coarse gravel, trac	e 15		┢		10			Auger to 15ft. Light	rig chatte	r. Light
		organics (wet)			16	S-7A	SS	7	11	24		brown cuttings		
		Gray Silty fine to n	nedium SAND, trace fine	gravel (wet)		S-7B			13		\setminus			
					17		H		10					
					18									
					e									
					19									
•••••		Gravish brown fine	e to coarse SAND, trace f	ine to coarse gravel	20	1	1					Auger to 20ft. Light		

Printed on 03/02/2023 16:22:26

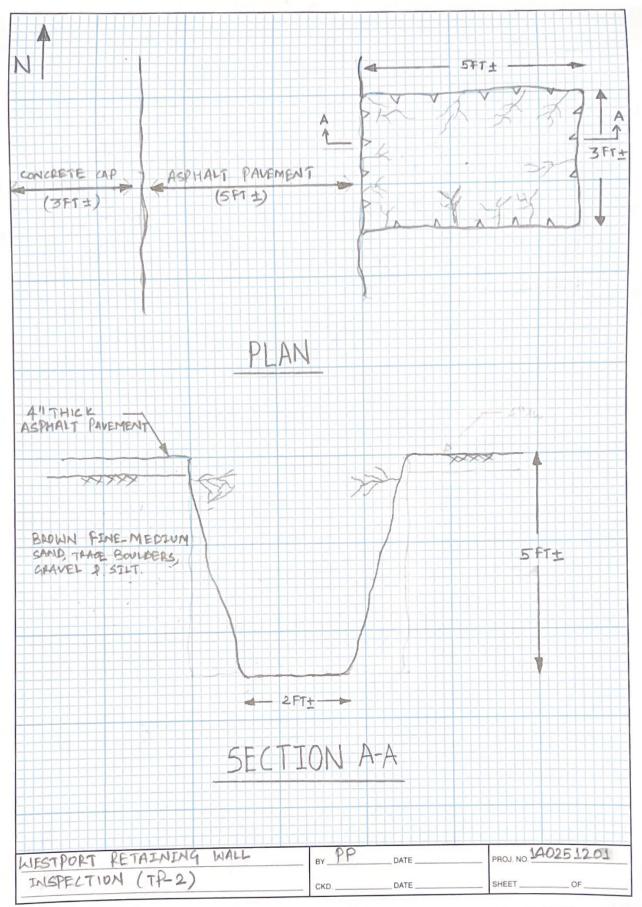
LANGAN Log of Boring LB-03

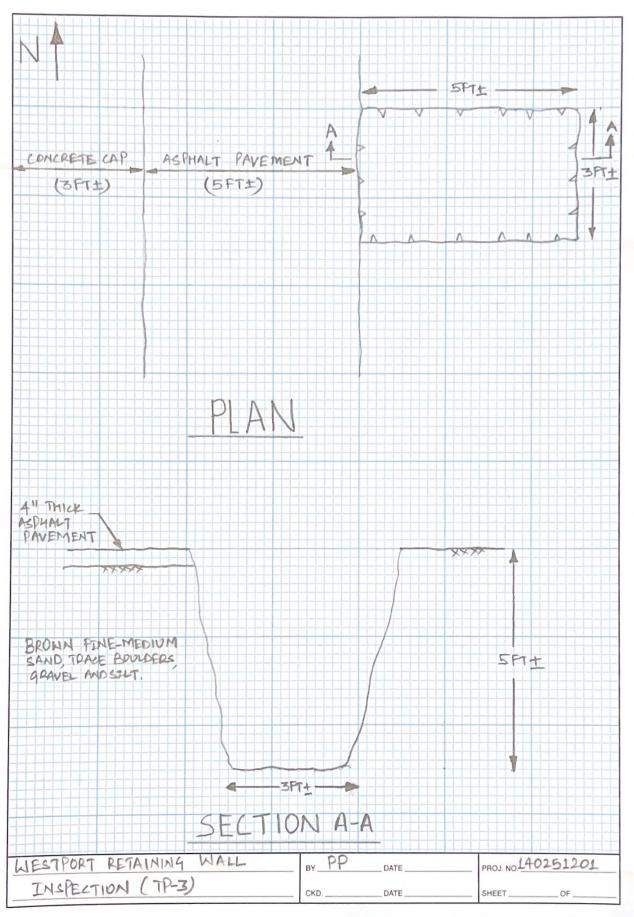
Sheet 2 of 2

Project Reconnecting the Riverfront: Parker Harding Plaza Project No. 140251201
Sample Data Remarks
Sample Data Remarks Sample Data Remarks Sample Data Remarks Sample Data Remarks Corilling Fluid, Casing Dep Remarks Sample Data Remarks
-12.4
∴∴ = 20.4 = S-8A ■ brown cuttings
Light brown Silty fine to coarse SAND, trace fine gravel (wet) End of Boring at 22ft. End of Boring
End of Boring at 22ft. Boring terminated at 22ft. Boring backfilled to grade with cuttings a sand. Boring sealed with asphalt End of Boring at 22ft. Boring terminated at 22ft. Boring backfilled to grade with cuttings a sand. Boring sealed with asphalt End of Boring at 22ft. End of Boring at 22ft. End of Boring at 22ft.
31 — 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1



LANGAN





LANGAN



Photo 1: Test Pit TP-1, looking northeast from the seawall.



Photo 2: Test Pit TP-1, looking southwest toward the back of the seawall.

Test Pit Representative Photographs Westport Downtown Improvement Projects Westport, Connecticut Langan Project No.: 140251201



Photo 3: Test Pit TP-1, looking southwest toward the back of the seawall.



Photo 4: Test Pit TP-1, looking northwest



Photo 5: Test Pit TP-1, looking east.



Photo 6: Test Pit TP-2, looking northwest from the walkway.

Langan Project No.: 140251201

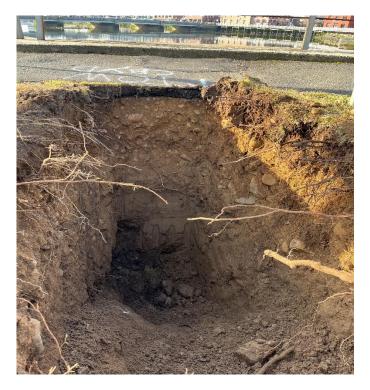


Photo 7: Test Pit TP-2, looking southwest toward the seawall.



Photo 8: Test Pit TP-2, looking northeast.



Photo 9: Test Pit TP-2, looking southeast.



Photo 10: Test Pit TP-3, looking southwest from the walkway.

Langan Project No.: 140251201



Photo 11: Overview of Test Pit 3, looking northwest.



Photo 12: Test Pit TP-3, concrete seawall cap and asphalt walkway, looking northwest



Photo 13: Test Pit TP-3, looking southwest.

