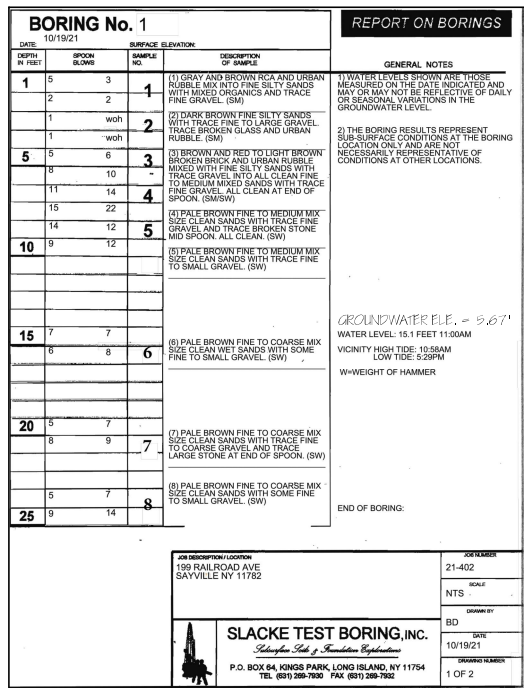
		<h1 style="margin: 0;">SLACKE TEST BORING</h1> <p style="font-style: italic; font-size: 1.2em; margin: 5px 0;"><i>Subsurface Soils & Foundation Explorations</i></p> <p style="font-size: 0.8em; margin: 0;">P.O. BOX 64, KINGS PARK, LONG ISLAND, NEW YORK 11754 • (831) 269-7930 • FAX (831) 269-7932</p>		
Date: October 19, 2021				
Client: Bracco Architects		Phone: _____		
Job No. 21-402		Boring No. 1		
Job Location: 199 Railroad Ave, Sayville NY 11782				
SURFACE ELEV. = 20'31"				
WATER LEVEL IS 15.1 FEET 11:00AM		BELOW GROUND SURFACE, RECORDED HIGH TIDE 10.58AM DRILLING METHOD: GEOPROBE W=WEIGHT OF HAMMER LOW TIDE = 5.29PM		
From	To	CLASSIFICATION OF SOIL	30" Blows Spoon Spcon	Penetration of Spoon in Inches
Ground Surface	2'	Gray and Brown RCA and Urban Rubble Mix into Fine Silty Sands with Mixed Organics and Trace Fine Gravel. (SM)		
	2'	Sample #1 @ 1' to 2'	5-3-2-2	24"
	4'	Dark Brown Fine Silty Sands with Trace Fine to Large Gravel. Trace Broken Glass and Littern Rubble. (SM)		
	4'	Sample #2 @ 2' to 4'	1-W-1W	24"
	6'	Brown and Red to Light Brown Broken Brick and Urban Rubble Mixed with Fine Silty Sands with Trace Gravel Clean at End of Spoon. In Medium Moist Sandch with Trace Fine Gravel. All Clean at End of Spoon. (SMSW)		
	6'	Sample #3 @ 4' to 6'	5-6-6-10	24"
	8'	Pale Brown Fines to Medium Mix Size Clean Sands with Trace Fine Gravel and Trace Broken Stones Mid Spoon. All Clean. (SW)		
	8'	Sample #4 @ 6' to 8'	11-14-15-22	24"
	8'	Pale Brown Fines to Medium Mix Size Clean Sands with Trace Fine to Small Gravel. (SW)		
	8'	Sample #5 @ 8' to 10'	14-12-12-2	24"
	10'	Pale Browns Fines to Coarse Mix Size Clean Wet Sands with Some Fine to Small Gravel. (SW)		
	10'	Sample #6 @ 10' to 15'	7-7-6-8	24"
	17'	Pale Brown Fines to Coarse Mix Size Clean Sands with Trace Fine to Small Gravel and Trace Large Stone at End of Spoon. (SW)		
	17'	Sample #7 @ 20' to 22'	5-7-8-9	
	22'	Pale Brown Fines to Coarse Mix Size Clean Sands with Some Fine to Small Gravel. (SW)		
	22'	Sample # 8 @ 22' to 25'	5-7-6-14	24"
END OF BORING 25"				



DRAINAGE STRUCTURE:		2" RAINFALL			
DRAINAGE STRUCTURE	SIZE	TYPE	LOW POINT/TOP OF RIM	PIPE TYPE	INVERT
<u>SYSTEM #1:</u>					
DRAINAGE STRUCTURE	10'Ø x 5' DEEP	100-B	20.4	N/A	N/A
<u>SYSTEM #2:</u>					
DRAINAGE STRUCTURE	10'Ø x 5' DEEP	100 TYPE 2	22.0	6" SDR35	N/A
<u>SYSTEM #3:</u>					
DRAINAGE STRUCTURE 1	10'Ø x 8' DEEP	100 TYPE 2	20.5	15" RCP OR CLIV	17.3
DRAINAGE STRUCTURE 2	10'Ø x 8' DEEP	100 TYPE 2	20.7	15" RCP OR CLIV	17.7
DRAINAGE STRUCTURE 3	10'Ø x 8' DEEP	100 TYPE 2	21.0	15" RCP OR CLIV	17.5
DRAINAGE STRUCTURE 4	10'Ø x 8' DEEP	100 TYPE 2	20.8	15" RCP OR CLIV	17.8
<u>SYSTEM #4:</u>					
DRAINAGE STRUCTURE	10'Ø x 10' DEEP	100 TYPE 2	21.0	6" SDR35	N/A
<u>SYSTEM #5:</u>					
DRAINAGE STRUCTURE	6'Ø x 5' DEEP	100 TYPE 2	20.6	N/A	N/A
<u>SYSTEM #6:</u>					
DRAINAGE STRUCTURE	6'Ø x 3' DEEP	100 TYPE 2	21.1	N/A	N/A
<u>SYSTEM #7:</u>					
DRAINAGE STRUCTURE	6'Ø x 3' DEEP	100 TYPE 2	21.8	N/A	N/A
<u>SYSTEM #8:</u>					
DRAINAGE STRUCTURE	6'Ø x 2' DEEP	BASEMENT STAIRWAY DRAINAGE BASIN	10.6	6" SDR35	N/A
<u>SYSTEM #9:</u>					
DRAINAGE STRUCTURE	8'Ø x 6' DEEP	100-B	20.5	N/A	N/A

SYSTEM #9:
2" RAINFALL
STREET AREA: 1,008 S.F.
APRON AREA: 217 S.F.
SIDEWALK AREA: 292 S.F.
REQUIRED: 1,517 S.F. x 0.167 = 253.33 C.F.
PROPOSED: (1) 8'ø x 6' DP. RING = 253.44 C.F.

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