

SURFACE ELEVATION = 20.77
 WATER ENCOUNTERED 15.1' BELOW SURFACE, ELE. 5.67'
 10/19/2021
 BY SLACKE TEST BORING

SLACKE TEST BORING

Subsurface Soils & Foundation Explorations

P.O. BOX 64, KINGS PARK, LONG ISLAND, NEW YORK 11754 • (831) 289-7930 • FAX (831) 289-7932

Date: October 19, 2021

Client: Bracco Architects Phone: _____

Job No. 21-402 Boring No. 1

Job Location: 199 Railroad Ave, Sayville NY 11782
 SURFACE ELE. = 20.77'

WATER LEVEL IS 15.1 FEET BELOW GROUND SURFACE. RECORDED HIGH TIDE 10:58AM LOW TIDE 5:29PM

DRILLING METHOD: GEOPROBE W-WEIGHT OF HAMMER

From	To	CLASSIFICATION OF SOIL	30' Blow Sample Spoon	Penetration of Spoon in Inches
Ground Surface	2'	Gray and Brown silt and Urban Rubble Mix into Fine Silty Sands with Mixed Organics and Trace Fine Gravel. (SM)	5-3-2	24"
2'	4'	Dark Brown Fine Silty Sands with Trace Fine to Large Gravel. Trace Broken Glass and Urban Rubble. (SM)	1-W-1-W	24"
4'	6'	Brown and Red to Light Brown Broken Brick and Urban Rubble Mixed with Fine Silty Sands with Trace Gravel into All Clean Fine to Medium Mixed Sands with Trace Fine Gravel. All Clean at End of Spoon. (SM/SW)	5-8-10	24"
6'	8'	Pale Brown Fine to Medium Mix Size Clean Sands with Trace Fine Gravel and Trace Broken Stone Mid Spoon. All Clean. (SW)	11-14-15-22	24"
8'	10'	Pale Brown Fine to Medium Mix Size Clean Sands with Trace Fine to Small Gravel. (SW)	14-12-9-12	24"
10'	17'	Pale Brown Fine to Coarse Mix Size Clean Wet Sands with Some Fine to Small Gravel. (SW)	7-7-6-8	24"
17'	22'	Pale Brown Fine to Coarse Mix Size Clean Sands with Trace Fine to Coarse Gravel and Trace Large Stone at End of Spoon. (SW)	5-7-8-9	24"
22'	25'	Pale Brown Fine to Coarse Mix Size Clean Sands with Some Fine to Small Gravel. (SW)	5-7-8-14	24"

Sample # 8 @ 22' to 25'
 END OF BORING 25'

BORING No. 1

DATE: 10/19/21

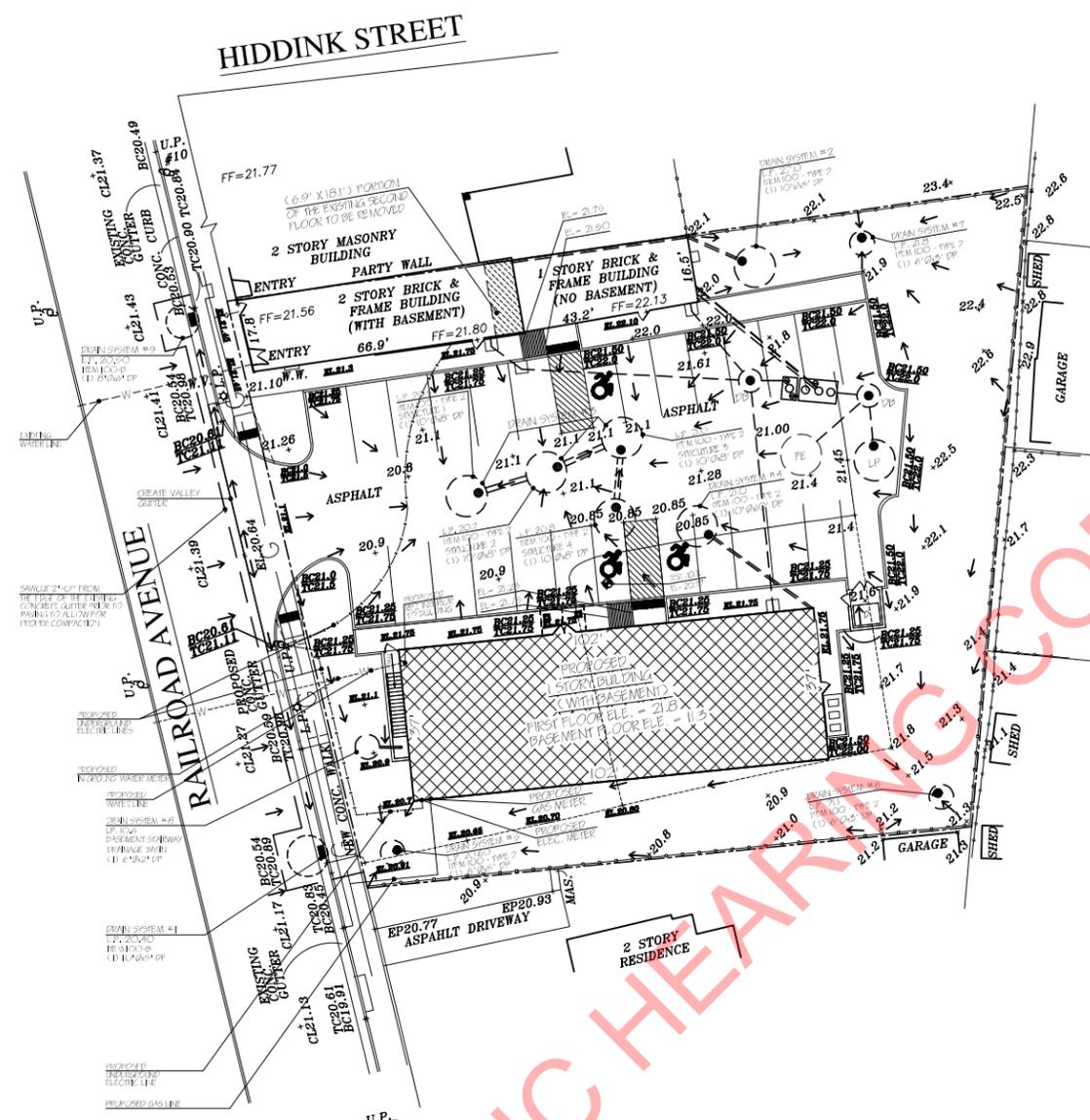
DEPTH IN FEET	SPOON SAMPLE NO.	SURFACE ELEVATION	DESCRIPTION OF SAMPLE	GENERAL NOTES	
1	5	3	1	(1) GRAY AND BROWN SILT AND URBAN RUBBLE MIX INTO FINE SILTY SANDS WITH MIXED ORGANICS AND TRACE FINE GRAVEL. (SM)	1) WATER LEVELS SHOWN ARE THOSE MEASURED ON THE DATE INDICATED AND MAY OR MAY NOT BE REFLECTIVE OF DAILY OR SEASONAL VARIATIONS IN THE GROUNDWATER LEVEL. 2) THE BORING RESULTS REPRESENT SUB-SURFACE CONDITIONS AT THE BORING LOCATION ONLY AND ARE NOT NECESSARILY REPRESENTATIVE OF CONDITIONS AT OTHER LOCATIONS.
2	2	4	2	(2) DARK BROWN FINE SILTY SANDS WITH TRACE FINE TO LARGE GRAVEL. TRACE BROKEN GLASS AND URBAN RUBBLE. (SM)	
5	6	6	3	(3) BROWN AND RED TO LIGHT BROWN BROKEN BRICK AND URBAN RUBBLE MIXED WITH FINE SILTY SANDS WITH TRACE GRAVEL INTO ALL CLEAN FINE TO MEDIUM MIXED SANDS WITH TRACE FINE GRAVEL. ALL CLEAN AT END OF SPOON. (SM/SW)	
8	10	8	4	(4) PALE BROWN FINE TO MEDIUM MIX SIZE CLEAN SANDS WITH TRACE FINE TO SMALL GRAVEL. (SW)	
11	14	12	5	(5) PALE BROWN FINE TO MEDIUM MIX SIZE CLEAN SANDS WITH TRACE FINE TO SMALL GRAVEL. (SW)	
15	12	12	5	(5) PALE BROWN FINE TO MEDIUM MIX SIZE CLEAN SANDS WITH TRACE FINE TO SMALL GRAVEL. (SW)	
15	7	7	6	(6) PALE BROWN FINE TO COARSE MIX SIZE CLEAN WET SANDS WITH SOME FINE TO SMALL GRAVEL. (SW)	GROUNDWATER ELE. = 5.67' WATER LEVEL: 15.1 FEET 11:00AM VICINITY HIGH TIDE: 10:58AM VICINITY LOW TIDE: 5:29PM W-WEIGHT OF HAMMER
20	5	7	7	(7) PALE BROWN FINE TO COARSE MIX SIZE CLEAN SANDS WITH TRACE FINE TO COARSE GRAVEL AND TRACE LARGE STONE AT END OF SPOON. (SW)	
20	8	9	7	(7) PALE BROWN FINE TO COARSE MIX SIZE CLEAN SANDS WITH SOME FINE TO SMALL GRAVEL. (SW)	END OF BORING:
25	9	14	8	(8) PALE BROWN FINE TO COARSE MIX SIZE CLEAN SANDS WITH SOME FINE TO SMALL GRAVEL. (SW)	

JOB INFORMATION: 199 RAILROAD AVE, SAYVILLE NY 11782

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1 OF 2



DRAINAGE STRUCTURE: 2" RAINFALL

DRAINAGE STRUCTURE	SIZE	TYPE	LOW POINT/TOP OF RIM	PIPE TYPE	INVERT
SYSTEM #1:					
DRAINAGE STRUCTURE	10'0" x 5' DEEP	100-B	20.4	N/A	N/A
SYSTEM #2:					
DRAINAGE STRUCTURE	10'0" x 5' DEEP	100 TYPE 2	22.0	6" SDR35	N/A
SYSTEM #3:					
DRAINAGE STRUCTURE 1	10'0" x 8' DEEP	100 TYPE 2	20.5	15" RCP OR CLIV	17.3
DRAINAGE STRUCTURE 2	10'0" x 8' DEEP	100 TYPE 2	20.7	15" RCP OR CLIV	17.7
DRAINAGE STRUCTURE 3	10'0" x 8' DEEP	100 TYPE 2	21.0	15" RCP OR CLIV	17.5
DRAINAGE STRUCTURE 4	10'0" x 8' DEEP	100 TYPE 2	20.8	15" RCP OR CLIV	17.8
SYSTEM #4:					
DRAINAGE STRUCTURE	10'0" x 10' DEEP	100 TYPE 2	21.0	6" SDR35	N/A
SYSTEM #5:					
DRAINAGE STRUCTURE	6'0" x 5' DEEP	100 TYPE 2	20.6	N/A	N/A
SYSTEM #6:					
DRAINAGE STRUCTURE	6'0" x 3' DEEP	100 TYPE 2	21.1	N/A	N/A
SYSTEM #7:					
DRAINAGE STRUCTURE	6'0" x 3' DEEP	100 TYPE 2	21.8	N/A	N/A
SYSTEM #8:					
DRAINAGE STRUCTURE	6'0" x 2' DEEP	BASEMENT STAIRWAY DRAINAGE BASIN	10.6	6" SDR35	N/A
SYSTEM #9:					
DRAINAGE STRUCTURE	8'0" x 6' DEEP	100-B	20.5	N/A	N/A

SYSTEM #1:
 2" RAINFALL
 STREET AREA: 1,425 S.F.
 APRON AREA: 111 S.F.
 LANDSCAPED AREA: 184 S.F. x 0.15 = 27.6 S.F.
 SIDEWALK AREA: 407 S.F.
 REQUIRED: 1,970.6 S.F. x 0.167 = 329.09 C.F.
 PROPOSED: (1) 10'0" x 5' DP. RING = 342.1 C.F.

SYSTEM #2:
 2" RAINFALL
 ROOF AREA: 1,972 S.F.
 REQUIRED: 1,972 S.F. x 0.167 = 329.32 C.F.
 PROPOSED: (1) 10'0" x 5' DP. RING = 342.1 C.F.

SYSTEM #3:
 2" RAINFALL
 WALKWAY AREA: 2,078 S.F.
 PARKING AREA: 8,947 S.F.
 DUMPSTER ENCLOSURE AREA: 86 S.F.
 REQUIRED: 11,111 S.F. x 0.167 = 1,855.53 C.F.
 PROPOSED: (4) 10'0" x 8' DP. RINGS = 2,189.44 C.F.

SYSTEM #4:
 2" RAINFALL
 ROOF AREA: 3,843 S.F.
 REQUIRED: 3,843 S.F. x 0.167 = 641.78 C.F.
 PROPOSED: (1) 10'0" x 10' DP. RING = 684.2 C.F.

SYSTEM #5:
 2" RAINFALL
 LANDSCAPED AREA: 3,617 S.F. x 0.15 = 542.55 S.F.
 REQUIRED: 542.55 S.F. x 0.167 = 90.60 C.F.
 PROPOSED: (1) 6'0" x 5' DP. RING = 111.7 C.F.

SYSTEM #6:
 2" RAINFALL
 LANDSCAPED AREA: 2,796 S.F. x 0.15 = 419.4 S.F.
 REQUIRED: 419.4 S.F. x 0.167 = 70.03 C.F.
 PROPOSED: (1) 6'0" x 3' DP. RING = 134.04 C.F.

SYSTEM #7:
 2" RAINFALL
 LANDSCAPED AREA: 2,382 S.F. x 0.15 = 357.3 S.F.
 REQUIRED: 357.3 S.F. x 0.167 = 59.66 C.F.
 PROPOSED: (1) 6'0" x 3' DP. RING = 67.02 C.F.

SYSTEM #8:
 2" RAINFALL
 STEPS & LANDING AREA: 115 S.F.
 REQUIRED: 115 S.F. x 0.167 = 19.20 C.F.
 PROPOSED: (1) 6'0" x 2' DP. RING = 44.88 C.F.

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) 8'0" x 6' DP. RING = 253.44 C.F.

NOTE:
 ALL STORM DRAINAGE STRUCTURES ON SITE AND ALONG SITE FRONTAGES TO BE INSPECTED DURING WORK, AND CLEANED AT THE COMPLETION OF WORK. ANY ISSUES SHALL BE BROUGHT TO THE ATTENTION OF THE ISLP ENGINEERING FIELD INSPECTORS FOR RESOLUTION INSTRUCTION.

The posted plan is subject to change. Please note that this site plan may be modified during the Town Planning Board and/or Town Board review process. Please contact the assigned planning department staff member if you have questions regarding the date and status of any posted graphics.

Site Plan Application Number: SP2022-058

J & J Spirit Shop
 199 Railroad Avenue
 Sayville, New York 11782
 DISTRICT 0500 SECTION 356 BLOCK 6 LOT 27.1

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 Rev. 03-27-2023
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