



TR4: Technical Report
Soil Investigation
Must be typewritten.

✓ Orient and affix BIS
job number label here ✗

1 Location Information Required for all applications.

House No(s) 108-40 Street Name Horace Harding Expressway (Bldg D Lot 80)
Borough Queens Block 2159 Lot 80 BIN 4618620 CB No. 406
Work on Floor(s) OSP Apt/Condo No(s)

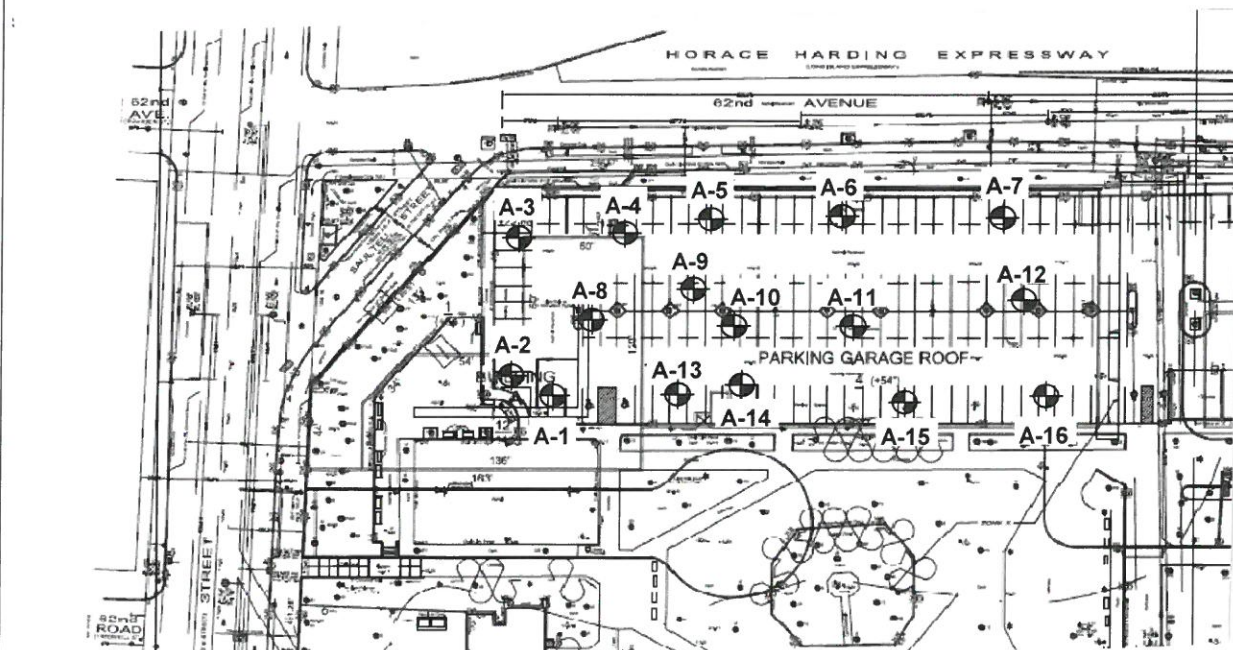
2 Applicant Information Required for all applications.

Last Name Dykstra First Name Robert Middle Initial
Business Name GTA Engineering Services of New York, P.C. Business Telephone 201-641-1850
Business Address 14 World Fair Drive, Suite B Business Fax
City Somerset State NJ Zip 08873 Mobile Telephone
E-Mail rdykstra@gtaeng.com License Number 091200
☒ P.E. ☐ R.A.

3 Required Borings / Test Pits Required for all applications.

Number of Test Pits as Required as per NYC Construction Codes: 16

4 Plot Diagram Required for all applications.



5 Test Report *Required for all applications.*

Date	Boring/ Test Pit #	Feet Below Curb	Soil Description	Class Number	Remarks
9-12-17	A-1	0 - 10	FILL	7	
		10 - 15	PEAT	6	
		15 - 33	Organic Clayey SILT	6	
		33 - 52	Clayey SILT	5b	
9-12-17	A-2	0 - 15	FILL	7	
		15 - 31.5	Organic Clayey SILT	6	
		31.5 - 52	Clayey SILT w/ sand	6, 5b	
9-15-17	A-3	0 - 11	FILL	7	
		11 - 40	Organic Clayey SILT	6	
		40 - 50	Silty SAND	3b	
		50 - 52	Clayey SILT	5a	

6 Statements and Signatures *Required for all applications.*

I hereby state that the above information is correct and complete to the best of my knowledge and that the above tests were performed in accordance with all Administrative Code Provisions and Departmental Rules, Regulations and Directives.

Falsification of any statement is a misdemeanor and is punishable by a fine or imprisonment, or both.

It is unlawful to give to a city employee, or for a city employee to accept, any benefit, monetary or otherwise, either as a gratuity for properly performing the job or in exchange for special consideration. Violation is punishable by imprisonment or fine or both.

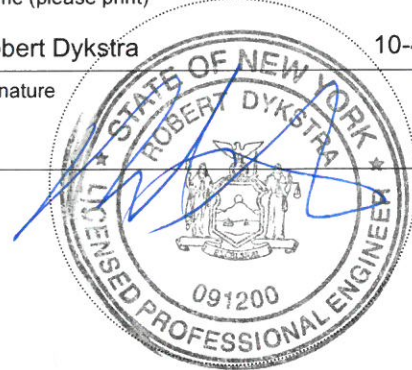
Name (please print)

Robert Dykstra

10-4-2018

Signature

Date



P.E. / R.A. Seal (apply seal, then sign and date over seal)

Approvals - Internal Use Only

Examined and Recommended for Approval		Approved	
Examiner Name		Borough Commissioner Signature	Date
Signature	Date		

5 Test Report *Required for all applications.*

Date	Boring/ Test Pit #	Feet Below Curb	Soil Description	Class Number	Remarks
9-14-17	A-4W	0 - 10	FILL	7	
		10 - 46	Organic Clayey SILT w/ gravel	6	Monitoring well @ 30 ft.
		46 - 52	CLAY	4b	
9-15-17	A-5	0 - 10	FILL	7	
		10 - 20	Sandy SILT w/ gravel and debris	6, 5a	
		20 - 45	Organic Clayey SILT	6	
		45 - 52	Cobbles and Boulders	2a	
9-6-17	A-6	0 - 5	FILL	7	
		5 - 20	SILTY SAND	6	Possible FILL
		20 - 25	PEAT	6	
		25 - 35	Organic Clayey SILT	6	
		35 - 50	Silty SAND w/ gravel	3b, 3a	
		50 - 102	Sandy SILT	5b	

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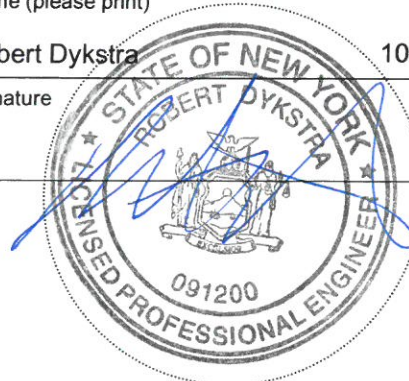
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Date	Boring/ Test Pit #	Feet Below Curb	Soil Description	Class Number	Remarks
9-7-17	A-7	0 - 23	FILL	7, 6, 3b	
		23 - 38	Organic Clayey SILT	6	
		38 - 42	Silty SAND	6	
		42 - 52	Clayey SILT w/ gravel	5b	
9-13-17	A-8	0 - 13	FILL	7	
		13 - 48	Organic Clayey SILT	6	
		48 - 85	Clayey SILT	5b	
		85 - 102	Silty SAND w/ gravel	3b, 3a	
9-11-17	A-9	0 - 5	FILL	7	
		5 - 45	Organic Clayey SILT	6	
		45 - 52	Silty SAND w/gravel	3b, 3a	

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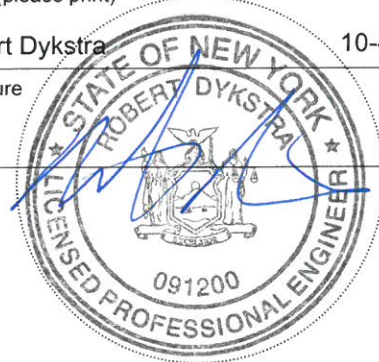
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Date	Boring/ Test Pit #	Feet Below Curb	Soil Description	Class Number	Remarks
9-22-17	A-10	0 - 20	FILL	7	
		20 - 45	Organic Clayey Silt	6	
		45 - 52	Silty SAND	3a	
9-22-17	A-11W	0 - 20	FILL	7	
		20 - 35	Organic Clayey Silt	6	
		35 - 45	Silty SAND	3b, 3a	
		45 - 52	Clayey SILT	5b	Monitoring well @ 50 ft.
9-8-17	A-12	0 - 20	FILL	7	
		20 - 28	Organic Clayey SILT	6	
		28 - 35	Clayey SILT	6	
		35 - 52	Silty SAND	3b	

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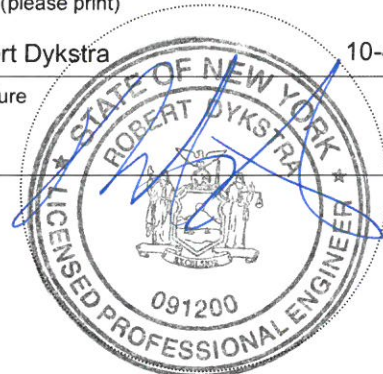
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Date	Boring/ Test Pit #	Feet Below Curb	Soil Description	Class Number	Remarks
9-25-18	A-13	0 - 20	FILL	7	
		20 - 33	Organic Clayey SILT	6	
		33 - 52	Clayey SILT	5b, 5a	
9-25-17	A-14	0 - 15	FILL	7	
		15 - 40	Organic Clayey SILT	6	
		40 - 52	SILT w/ sand and gravel	5a	
9-21-17	A-15	0 - 20	FILL	7	
		20 - 38	Organic Clayey SILT	6	
		38 - 52	Silty SAND w/ gravel	3a, 3b	
9-25-17	A-16	0 - 10	FILL	7	
		10 - 38	Organic Clayey SILT	6	
		38 - 51	Clayey SILT	6, 5b	
		51 - 62	Silty SAND	3b	

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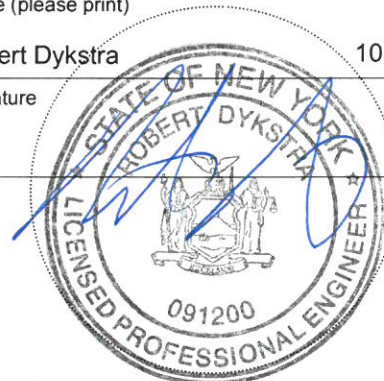
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