



**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) 23-09 Street Name Astoria Blvd
Borough Queens Block 872 Lot 12 BIN _____ CB No. _____
Work on Floor(s) _____ Apt/Condo No(s) _____

2 Applicant Information *Required for all applications.*

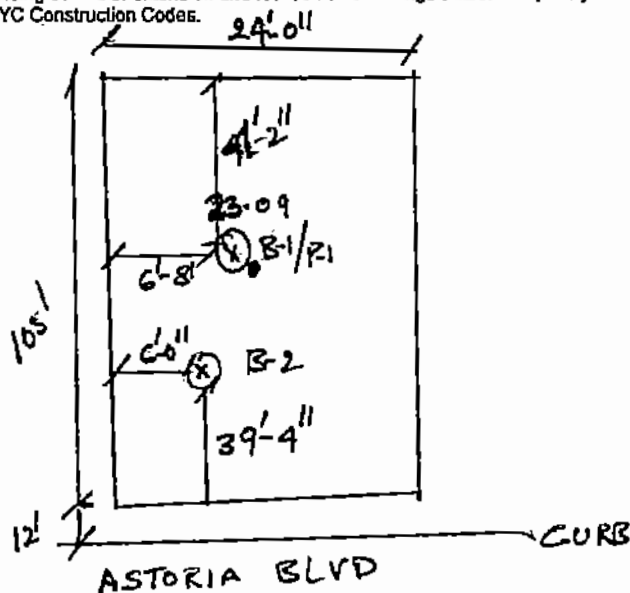
Last Name Banerjee First Name Debabrata Middle Initial _____
Business Name Impact Concrete & Control Inspection Inc Business Telephone 7189397774
Business Address 15-46 129th Street Business Fax 7189396444
City College Point State NY Zip 11356 Mobile Telephone 9175777540
E-Mail dbaner@gmail.com License Number 081431
☒ P.E. ☐ R.A.

3 Required Borings / Test Pits *Required for all applications.*

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

4 Plot Diagram *Required for all applications.*

Draw in ink to indicate scale. Show building outline or extension and location of all borings and/or test pits by dimensions. Borings and/or test pits shall be distributed according to the NYC Construction Codes.



5 Test Report Required for all applications.

Date	Boring/ Test Pit #	Feet Below Curb	Soil Description	Class Number	Remarks
3-25-14	B-1	S-1(0-2)	Gray Loose silty sand mixed with CI		
			Clay (SC) /Moist	7	1-2-3-5
		S-2 (2-4)	Inorganic stiff Gray Moist stiff clay	4b	3-3-3-6
			Moist (SC-CL)		
		S-3 (4-6)	Gray Dense coarse sand Gravel (SP)	3a	20-28-38-34
		S-4 (6-8)	Gray Dense coarse sand Gravel (SP)	3a	18-18-16-19
		S-5 (8-10)	Grasy Dense coarse sand mixed		
			with some gravel (SP)	3a	30-200—Refusal / Boulders
3-25-14	B-2	S-1(0-2)	Inorganic stiff Gray Moist stiff clay	4c	1-3-3-3
		S-2 (2-4)	Inorganic stiff Gray Moist stiff clay	4b	
			Moist (SC-CL)		3-5-9-30
		S-3 (4-6)	Gray Dense coarse sand Gravel (SP)	3a	247-24-29-30
		S-4 (6-8)	No recovery		26-26-25-24
		S-5(8-10)	Gray dense stiff clay (SC-CL)	4a	34-78-200-Refusal

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.

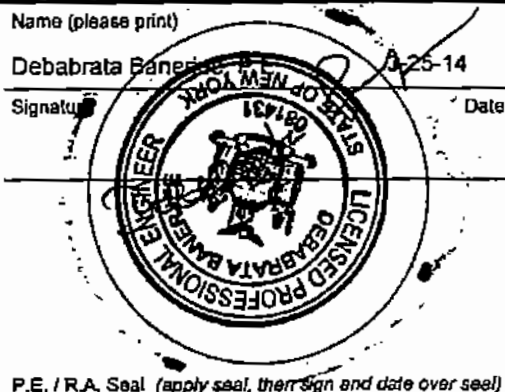
It is unlawful to give to a city employee, or for a city employee to accept, any benefit, monetary or otherwise, either as a gratuity for properly performing the job or in exchange for special consideration. Violation is punishable by imprisonment or fine or both.

Name (please print)

Debabrata Banerjee

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		

Percolation Test Results:

Depth of Hole: 12.0 Feet

Elevation: Sidewalk

P-1	Percolation Test
Time Elapsed	Water Depth
Initial	0.00"
1Min	1.0"
3 Min	10.0"
5 Min	21.0"
10 Min	36"
15 Min	41.0"
30 Min	48.0"
45 Min	51.0"
1 hr	54.0"
Depth of Percolation 12 Feet	

Group	Typical Names
GW	Well Graded Gravel, Sand Mixture No fine
GP	Poorly Graded Gravel or Sand Mixture little or No Fine
GM	Silty Gravel
GC	Clay Gravel, Gravel-Sand Clay Mixture
SW	Well Graded Sand No fine
SP	Poorly Graded Sand
SM	Silty Sands, Sand and Silt Mixture
SC	Clayey Sand
ML	In Organic Silts
CL	In Organic Clay
OL	Organic Silts
MH	Inorganic Silts
CH	In Organic Clay
OH	Organic Clay
PT	Peat and organic Soil

Impact Concrete & Control Inspection Inc

15-46 129th Street, College Point,
NY 11356 Tel: 718 939 7774

Fax: 718 939 6444 Email:
Dbaner@gmail.com

Drawing #PERC-001

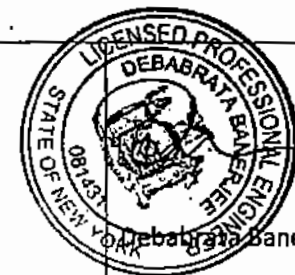
Drilling Date: 3-25-14

Client : Perry

Project: 23-09 Astoria Blvd

Block:

Lot :



Debabrata Banerjee, P.E.