



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) 1251 Street Name EAST 32 STREET
Borough Brooklyn Block 7650 Lot 24 BIN 3209689 CB No. 318
Work on Floor(s) OSP Apt/Condo No(s)

2 Applicant Information *Required for all applications.*

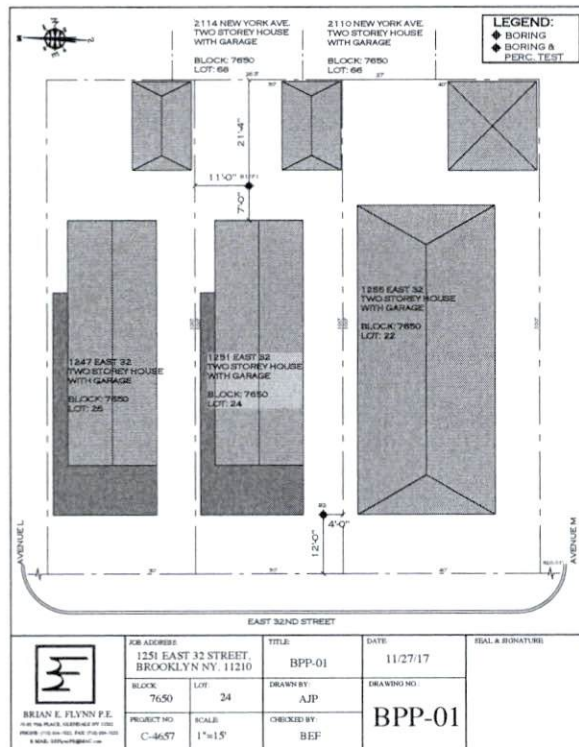
Last Name Flynn First Name Brian Middle Initial E.
Business Name Brian E. Flynn, PE, PC Business Telephone (718) 894-7822
Business Address 78-66 79 Place Business Fax (718) 894-7833
City Glendale State NY Zip 11385 Mobile Telephone (347) 528-6038
E-Mail BEFlynnPE@mac.com License Number 069956
Special Inspection Agency Number 002837 ☒ P.E. ☐ R.A.

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

Number of Test Pits as Required as per NYC Construction Codes: 2

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.



Date	Boring/ Test Pit #	Feet Below Curb	Soil Description	Class Number	Remarks
11/16/17	B1 S-1	-1' - 2'	silty sand, and debris	7	Uncontrolled fill (FILL, 11-65)
11/16/17	B1 S-2	2' - 4'	c-m-f sandy silt, some course fine	5b	Medium dense (MH, 10-65)
11/16/17	B1 S-3	4' - 6'	fine sandy silt, some course fine gravel	5a	Dense (ML, 10-65)
11/16/17	B1 S-4	6' - 8'	c-m-f sand, some course fine gravel,	3a	Dense (SM, 6-65)
11/16/17	B1 S-5	8' - 10'	c-m-f sand, some course fine gravel,	3a	Dense (SP, 6-65)
11/16/17	B1 S-6	10' - 12'	c-m-f sand, little course fine gravel, little	3b	Medium dense (SP, 7-65)
11/16/17	B1 S-7	12' - 14'	c-m-f sand, little course fine gravel, little	3b	Medium dense (SP, 7-65)
11/16/17	B2 S-1	-1' - 2'	silt, trace course fine gravel	6	Loose granular soil (ML, 11-65)
11/16/17	B2 S-2	5' - 7'	c-m-f sand, little course fine gravel, little	3b	Medium dense (SP, 7-65)
11/16/17	B2 S-3	10' - 12'	m-f silty sand, little course fine gravel,	3b	Medium dense (SP, 7-65)
11/16/17	B2 S-4	15' - 17'	m-f sand, trace silt, trace course fine	3b	Medium dense (SP, 7-65)
11/16/17	B2 S-5	20' - 22'	c-m-f sand	3b	Medium dense (SP, 7-65)
11/16/17	B2 S-6	25' - 27'	c-m-f sand		

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.

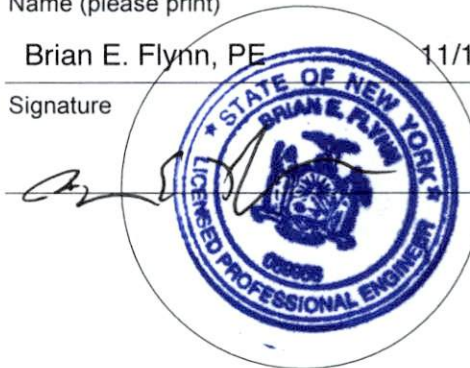
It is unlawful to give to a city employee, or for a city employee to accept, any benefit, monetary or otherwise, either as a gratuity for properly performing the job or in exchange for special consideration. Violation is punishable by imprisonment or fine or both.

Brian E. Flynn, PE

11/16/17

Signature

Date _____



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

Examiner Name		Borough Commissioner Signature	Date
Signature	Date		



Soil Boring & Rock Coring Drilling Log B1

Boring Report #19055

Client: Mr. Joshua Stein

December 1, 2017

Boring: B1

Started on: 11/16/17

Site: 1251 East 32nd Street, Brooklyn

Block: 7650 Lot: 24

Boring Start Elevation from curb: + 0' 6"

Water found at: No water observed

Boring Rig: Tripod Hammer: 140 lbs @ 30 inch drop

Boring Advancement: Continuous

Driller: Dolvan, Helper: Tamie

Boring Inspector: Alexander J. Poklinkowski

Sample Number	Boring Depth	Sample Description	Sample Recovery	Blow Count		Remarks
S-1	0' - 2'	Uncontrolled fill brown silty sand, and debris (FILL) Class 7, 1968 Code Class 11 -65, NPT is 14	12	4	5	construction debris
				9	9	
S-2	2' - 4'	Medium dense brown c-m-f sandy silt, some coarse fine gravel (MH) Class 5b, 1968 Code Class 10-65, NPT is 35	10	11	14	
				21	18	
S-3	4' - 6'	Dense brown fine sandy silt, some coarse fine gravel (ML) Class 5a, 1968 Code Class 10-65, NPT is 31	12	19	10	
				21	18	
S-4	6' - 8'	Dense brown c-m-f sand, some coarse fine gravel, little silt (SM) Class 3a, 1968 Code Class 6-65, NPT is 80	14	31	44	
				36	27	
S-5	8' - 10'	Dense brown c-m-f sand, some coarse fine gravel, little silt (SP) Class 3a, 1968 Code Class 6-65, NPT is 49	12	31	25	
				24	24	
S-6	10' - 12'	Medium dense brown c-m-f sand, little coarse fine gravel, little silt (SP) Class 3b, 1968 Code Class 7-65, NPT is 38	14	27	21	
				17	18	



Brian E. Flynn, PE, PC

Boring: B1 Started on: 11/16/17

Boring Report #19055

Site: 1251 East 32nd Street, Brooklyn, Block: 7650 Lot: 24

S-7	12' - 14'	Medium dense brown c-m-f sand, little coarse fine gravel, little silt (SP) Class 3b, 1968 Code Class 7-65, NPT is 41	18	<table border="1"><tr><td>21</td><td>20</td></tr><tr><td>21</td><td>19</td></tr></table>	21	20	21	19	End of Boring
21	20								
21	19								

Brian E. Flynn, PE





Soil Boring & Rock Coring Drilling Log B2

Client: Mr. Joshua Stein

Boring Report #19056

December 1, 2017

Boring: B2**Started on:** 11/16/17**Site:** 1251 East 32nd Street, Brooklyn**Block:** 7650 **Lot:** 24**Boring Start Elevation from curb:** + 0' 6"**Water found at:** 20' 0"**Boring Rig:** CME-45C **Hammer:** 140 lbs @ 30 inch drop**Boring Advancement:** Auger**Driller:** Dolvan, **Helper:** Tamie**Boring Inspector:** Alexander J. Poklinkowski

Sample Number	Boring Depth	Sample Description	Sample Recovery	Blow Count		Remarks
S-1	0' - 2'	Loose granular soil brown silt, trace course fine gravel (ML) Class 6, 1968 Code Class 11-65, NPT is 8	15	2	2	
				6	7	
S-2	5' - 7'	Medium dense brown c-m-f sand, little course fine gravel, little silt (SP) Class 3b, 1968 Code Class 7-65, NPT is 46	10	14	25	
				21	24	
S-3	10' - 12'	Medium dense brown m-f silty sand, little course fine gravel, little silt (SP) Class 3b, 1968 Code Class 7-65, NPT is 20	16	10	10	
				10	12	
S-4	15' - 17'	Medium dense brown m-f sand, trace silt, trace course fine gravel (SP) Class 3b, 1968 Code Class 7-65, NPT is 15	20	7	6	
				9	9	
S-5	20' - 22'	Medium dense brown c-m-f sand (SP) Class 3b, 1968 Code Class 7-65, NPT is 13	20	5	6	water found at 20' - 0"
				7	9	
S-6	25' - 27'	brown c-m-f sand, NPT is 12	20	6	7	saturated soil
				5	9	end of boring





Brian E. Flynn, PE, PC

78-66 79th Place, Glendale, NY 11385

Phone (718) 894-7822

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Email: BEFlynnPE@mac.com

Percolation Test Record P-1

Client: Mr. Joshua Stein

Percolation Report #19057

December 1, 2017

Percolation Test: P-1 performed in B1

Started on: 11/16/17

Site: 1251 East 32nd Street, Brooklyn

Block: 7650 **Lot:** 24

Percolation Start Elevation from curb: (+) 0'-6"

Water found at: No water

Percolation Test Depth: 14'-0"

Boring Rig Used: Tripod

Boring Advancement: Continuous

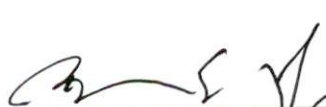
Driller: Dolvan, **Helper:** Tamie

Percolation Test Inspector: Alexander J. Poklinkowski

The results of Percolation Test P-1 are as follows:

Percolation Time (minutes)	Percolation Level Water Draw Down (inches)	Percolation Rate (min/inch)
0.00	0	0.00
1.00	36	0.03
5.00	60	0.08
10.00	84	0.12
15.00	92	0.16
30.00	110	0.27

NOTE: Percolation rates equal to or greater than 120 min/inch are unsuitable for drywell installation as per the 2014 NYC Plumbing Code Chapter 11 Storm Drainage, paragraph 1114.2 Field Investigation.



Brian E. Flynn, PE



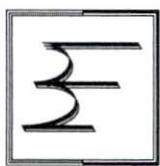
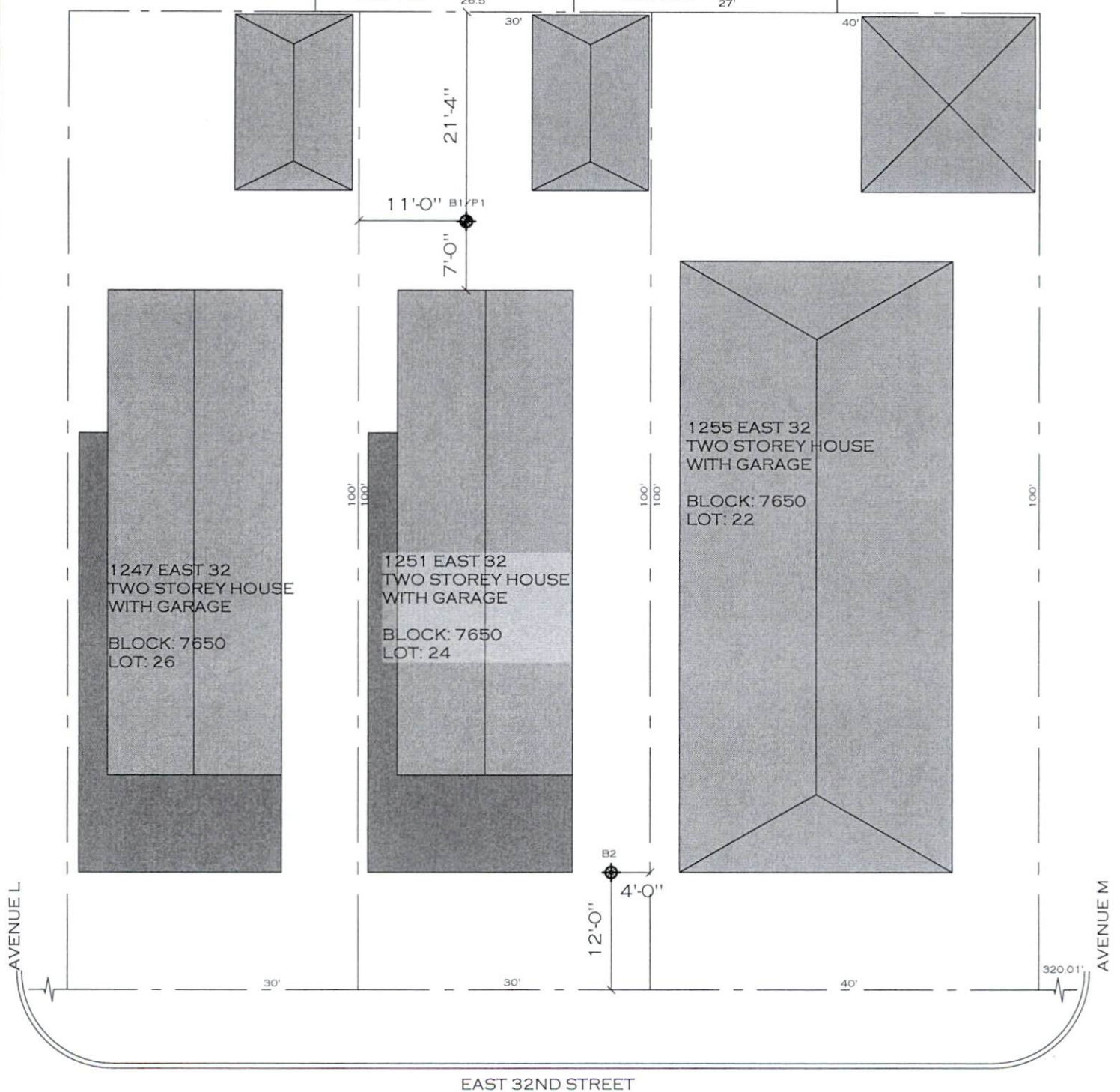
2114 NEW YORK AVE.
TWO STOREY HOUSE
WITH GARAGE

2110 NEW YORK AVE.
TWO STOREY HOUSE
WITH GARAGE

BLOCK: 7650
LOT: 68

BLOCK: 7650
LOT: 66

LEGEND:
⊕ BORING
⊕ BORING &
PERC. TEST



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E-MAIL: BEFlynnPE@MAC.com

JOB ADDRESS:
1251 EAST 32 STREET,
BROOKLYN NY, 11210

TITLE:
BPP-01

DATE:
11/27/17



BLOCK:
7650

LOT:
24

DRAWN BY:
AJP

DRAWING NO.:

PROJECT NO:
C-4657

SCALE:
1"=15'

CHECKED BY:
BEF

BPP-01