



TR2: Technical Report
Concrete Sampling and Testing
Must be typewritten.



Sheet number 1

1 Location Information *Required for all applications.*

House No(s) 113	Street Name Stockholm Street			
Borough Brooklyn	Block 3245	Lot 44	BIN 3073806	CB No. 304
Work on Floor(s)			Apt/Condo No(s)	

2 Licensed Concrete Testing Lab Information *Required for all applications.*

Director Last Name Motwani	Director First Name Nari	Director Middle Initial
Business Name AA Soil & Concrete Testing		Business Telephone 718-323-2997
Business Address 103-17 Rockaway Blvd.		Business Fax 347-561-9256
City Ozone Park	State NY	Zip 11417
Mobile Telephone		
E-Mail aasoilconcrete@gmail.com		
Director's Lic. Number 056831	☒ P.E. ☐ R.A.	Concrete Testing Lab Lic. Number 79

3 Licensed Concrete Testing Laboratory's Identification of Responsibilities *Required prior to Permit.*

Check all that apply below:

I certify that I am the director of the licensed concrete testing laboratory accepting responsibility for conducting the testing in accordance with BC 1905.6 and BC 1704.1. I further certify that I have read the applicable sections of the New York City Construction Codes in connection with the testing of concrete and licensed concrete testing laboratories as well as 1 RCNY §5-02 and 1 RCNY §101-07(c)(6), which specifies the qualifications and duties required of a licensed concrete testing laboratory and that this licensed testing laboratory meets those qualifications for the work for which I take responsibility. I agree that both I and the licensed concrete testing laboratory will comply with all provisions of the New York City Construction Codes as well as 1 RCNY §5-02 and 1 RCNY §101-07(c)(6). I am aware of the additional sanctions imposed on false filings by §28-211.1.2 of the Administrative Code.

Change of Applicant: I am a newly designated individual responsible for the testing specified herein and I hereby state that:

- ☐ None of the tests indicated herein have been performed to date by the previously designated individual.
- ☐ Some of the tests indicated herein have been performed by the previously designated individual, as indicated in the attached report.

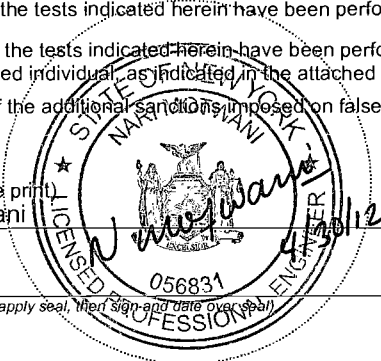
I am aware of the additional sanctions imposed on false filings by §28-211.1.2 of the Administrative Code.

Name (please print)
Nari Motwani

Signature

Date

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



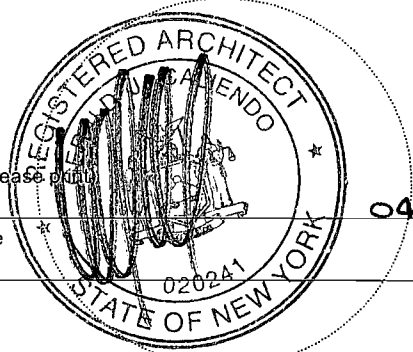
4 Design Applicant's Statement and Signature *P.E./R.A. Required prior to Permit.*

- ☒ I certify that the licensed concrete testing laboratory specified in section 2 above and engaged by the owner to perform tests on the work at the location specified in section 1 above is acceptable. (BC 1704.1)

Name (please print)

Signature

Date



04-30-12

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

5 Building Owner's Statement and Signature *Required prior to Permit.*

I certify that I have employed the licensed concrete testing laboratory specified in section 2 above in accordance with BC 1704.1. 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 a fine or imprisonment, or both. I understand that if I am found after hearing to have knowingly or negligently made a false statement or to have knowingly or negligently falsified or allowed to be falsified any certificate, form, signed statement, application, report or certification of the correction of a violation required under the provisions of this code or of a rule of any agency, I may be barred from filing further applications or documents with the Department.

Name (print)

Title

Signature

Date

JOSEPH COTTE

member

Joe Cotte

APR 30/12

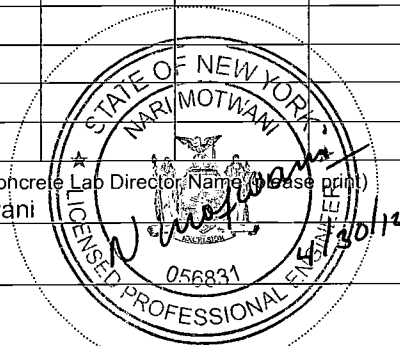
STOP HERE PRIOR TO PERMIT

Sheet number of sheets

Specified Concrete Str. (f'_c): PSI Specified Test Age (days): 28+[illegible]

Nari Motwani

Date _____



10/09

7 Licensed Concrete Testing Laboratory's Certification of Completion *Required prior to Sign-off.*

- ☒ I certify that I have completed the testing specified herein and that the results reported in section 6 of this form are true and accurate in accordance with §28-406.3.2.

I am aware of the additional sanctions imposed on false filings by §28-211.1.2 of the Administrative Code.

- ☐ **Withdrawal of Applicant:** I am withdrawing responsibility for conducting the tests indicated herein and herewith submit the results or status of the work performed to date.

Name (please print)
Nari Motwani

Signature

Date



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

8 Design Applicant's Statements and Signatures *Required prior to Sign-off. P.E./R.A. responsible for plans, choose one and sign/seal.*

- ☒ I certify I have reviewed the test results reported by the licensed concrete testing lab in section 6 above and found them to be in compliance with the approved construction documents.

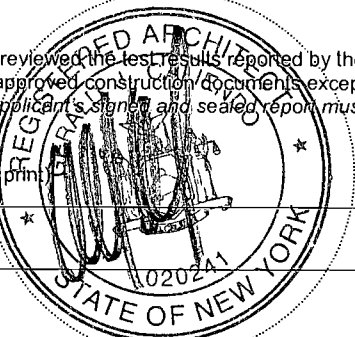
- ☐ I certify I have reviewed the test results reported by the licensed concrete testing lab in section 6 above and found them to be in compliance with the approved construction documents except as noted in the attached report (BC 1905.6.3.3)

Note: design applicant's signed and sealed report must be attached to this document

Name (please print)

Signature

Date

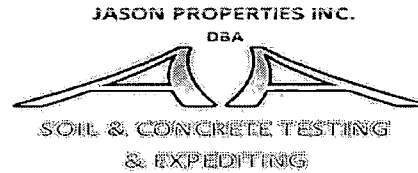


P.E. / R.A. Seal (apply seal, then sign and date over seal)

9 Concrete Producer's Statement and Signature *Required prior to Sign-off. Must be filled out by Owner of Production Facility.*

I certify that the test results reported in section 6 above were reported to me, and I further certify that the concrete delivered is in accordance with the design mix(es) specified on the TR3 submitted for the work specified in section 1 above.

Name (print)	Title	
Signature	Date	NRMCA Expiration Date (BC 1905.8.2)
Business Name	Business Telephone	
Business Address	Business Fax:	
City	State	Zip



103-17 Rockaway Boulevard, Ozone Park, NY 11417

Tel: 718-323-2997

Fax: 347-561-9256

Compressive Strength of Hardened Concrete

(ASTM C-42)

Report No. CR-081 (pg. 1 of 2)

Date: 4/27/2012

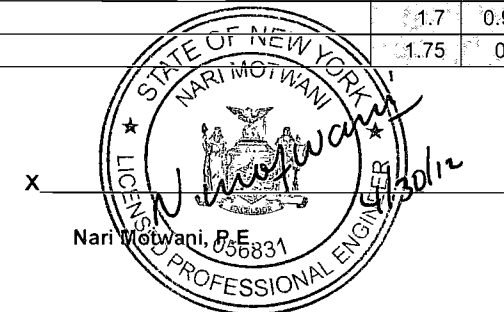
Project Location: 113 Stockholm Street, Brooklyn, NY 11221

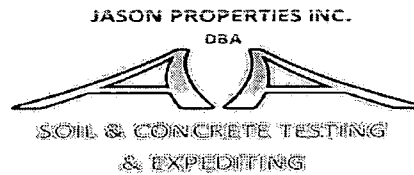
Concrete Contractor: N/A

Placement Location: Foundation Wall and Footing

	South Foundation Wall	South Foundation Wall	South Foundation Footing	South Foundation Footing	North Foundation Wall	H/D	CF
Specimen I.D. #	CD0421	CD0422	CD0423	CD0424	CD0425		
Type of Aggregate	Crushed Stone	Crushed Stone	Crushed Stone	Crushed Stone	Crushed Stone	1	0.87
Age of Concrete	28+	28+	28+	28+	28+	1.05	0.88
Depth of Core	10.50	10.25	7.50	8.25	9.25	1.1	0.895
End Sawed	8.00	8.00	6.50	7.50	8.00	1.15	0.905
Height Capped	N/A	N/A	N/A	N/A	N/A	1.2	0.92
Diameter (in.)	3.71	3.71	3.71	3.71	3.71	1.25	0.93
Area (sq. inch)	10.80	10.80	10.80	10.80	10.80	1.3	0.935
H/D Ratio	2.16	2.16	1.75	2.02	2.16	1.35	0.942
Correction Factor	N/A	N/A	0.98	N/A	N/A	1.4	0.95
Total Load (lb.)	52770	38460	37010	43730	5470	1.45	0.955
Strength (psi)	4886	3561	3427	4049	5065	1.5	0.96
Corrected Strength	N/A	N/A	3358	N/A	N/A	1.55	0.965
Result (psi)	4890	3560	3360	4050	5060	1.6	0.97
ACI STRENGTH	5624	4094	3864	4658	5819	1.65	0.975
REMARKS:						1.7	0.976
As per ACI Manual, core reports represent 85 percent of actual strength of concrete in the field.						1.75	0.98

Mean	5011
Standard Deviation	910.0





103-17 Rockaway Boulevard, Ozone Park, NY 11417

Tel: 718-323-2997

Fax: 347-561-9256

Compressive Strength of Hardened Concrete

(ASTM C-42)

Report No. CR-081 (pg. 2 of 2)

Date: 4/27/2012

Project Location: 113 Stockholm Street, Brooklyn, NY 11221

Concrete Contractor: N/A

Placement Location: Foundation Wall and Footing

	North Foundation Wall	North Foundation Footing	East Foundation Footing			H/D	CF
Specimen I.D. #	CD0426	CD0427	CD0428				
Type of Aggregate	Crushed Stone	Crushed Stone	Crushed Stone			1	0.87
Age of Concrete	28+	28+	28+			1.05	0.88
Depth of Core	9.25	7.25	7.5			1.1	0.895
End Sawed	8.00	5.50	6.50			1.15	0.905
Height Capped	N/A	N/A	N/A			1.2	0.92
Diameter (in.)	3.71	3.71	3.71			1.25	0.93
Area (sq. inch)	10.80	10.80	10.80			1.3	0.935
H/D Ratio	2.16	1.48	1.75			1.35	0.942
Correction Factor	N/A	0.955	0.98			1.4	0.95
Total Load (lb.)	58880	54470	40420			1.45	0.955
Strength (psi)	5452	5044	3743			1.5	0.96
Corrected Strength	N/A	4817	3668			1.55	0.965
Result (psi)	5450	4820	3670			1.6	0.97
ACI STRENGTH	6268	5543	4221			1.65	0.975
REMARKS: As per ACI Manual, core reports represent 85 percent of actual strength of concrete in the field.						1.7	0.976
						1.75	0.98

Mean	
Standard Deviation	910.0

