



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

✓ Orient and affix BIS
job number label here

Sheet number 1

1 Location Information *Required for all applications.*

House No(s) 1245 Street Name 65th St.

Borough Brooklyn Block 5746 Lot 60 BIN 3142040 CB No. 310

Work on Floor(s) CEL Apt/Condo No(s)

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

Director Last Name Raymond Director First Name Paul Director Middle Initial J.

Business Name Regional Testing Corp. Business Telephone 347-221-0110

Business Address 1150 Close Ave. Business Fax 347-221-0111

City Bronx State NY Zip 10472 Mobile Telephone

E-Mail info@regionaltestingcorp.com

Director's Lic. Number 050655 ☒ P.E. ☐ R.A. Concrete Testing Lab Lic. Number 086

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 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.

Name (please print)

Paul J. Raymond, P.E.

Signature

Date

04-13-21

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

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 document with the Department.

Name (print)

Title

Signature

Date

STOP HERE PRIOR TO PERMIT

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 §20-211.1.2 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)
Francisco C. Daquett, P.E.

Signature

Date

06-30-20

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 as noted in the attached report (BC 1905.6).
Note: design applicant's signed and sealed report must be attached to this document

Name (please print)

PAUL LOMBARDI

Signature

Date

6-30-20

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

6-25-20

NRMCA/CIB Expiration Date (BC 1905.8.2)

Business Name Stillwell Ready Mix

Business Telephone 718-373-3364

Business Address

Business Fax:

City

Brooklyn

State

NY

Zip

11214

REGIONAL TESTING CORP
CONSTRUCTION MATERIALS TESTING LABORATORY

CONCRETE
SPECIAL INSPECTIONS
SOIL BORINGS, GEOTECHNICAL

CONCRETE SAMPLING AND TESTING RESULTS

Client: 1245 65TH STREET LLC	Date Cast: 1/3/2020
Project Name: 1243 & 1245 65th Street	Report #: BK1243-01
Project Location: Brooklyn, NY	NYCDOB Lab No.: 86
Concrete Type: 4000 PSI Normal Weight	Concrete Supplier: Stillwell Ready Mix

7-day breaks should reach 75% of the required strength = 3000 PSI

PAGE 1 OF 1

Weather Conditions: Cloudy, H: 91%, W: 4 mph, Temp: 46°F

Total Placed CY: 16.5

Placement Location: 2 Partial Foundation Walls

MIX DESIGN SPECIFIED LIMITS

Temperature: 55°F to 90°F	Slump: 8" ± 1"	Air: 6% ± 1.5%	Density: 150 ± 3 pcf	Mix Design on site	No
				Strength: 4000	PSI

Field Test Results

Test #	Truck #	Slump (in) ASTM C-143	Air Content ASTM C231	Air Content ASTM C173	Temperature (°F) ASTM C-1064	Density (pcf) ASTM C-138	Testing Time	Remarks	Curing box
1	89	8"	4.60%	-	70°F	145.9 pcf	1:15 PM	SEE REMARKS BELOW	Yes

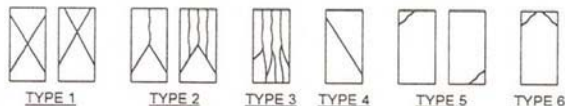
Laboratory Test Results ASTM C-39

Capping method ASTM C617 ASTM C1231 *Compressive Machine Forney serial # 22505 400k lbs. capacity Calibrated :5/9/19*										
Test #	Specimen ID	Arrival Date	Test Date	Age (Days)	Specimen Diameter (inch)	Specimen Area (sq. in.)	Total Load (Lbs.)	Strength (psi)	Break Type	Comply yes/no
1	MB98A	1/6/2020	1/10/2020	7	4.00	12.57	46,700	3,720	2	YES
	MB98B		1/31/2020	28	4.00	12.57	68,290	5,430	2	YES
	MB98C		1/31/2020	28	4.00	12.57	67,890	5,400	2	YES
	MB98D		1/31/2020	28	4.00	12.57	56,050	4,460	2	YES
	MB98E		1/31/2020	28	4.00	12.57	68,070	5,420	2	YES

Remarks: Density is not within the mix design specified limits

RTC hereby certifies that the provided test results are true and legitimate and are only relateable to items inspected / tested.

Reports are not to be reproduced, except in full, without prior written approval of agency.



Field Technician	ACI ID #
Michael Barquet	01398589
Laboratory Technician	ACI ID #
Marcos Machuca	01353339



Attested By:

Paul J. Raymond, P.E.
 Lab Director

REGIONAL TESTING CORP
CONSTRUCTION MATERIALS TESTING LABORATORY

CONCRETE
SPECIAL INSPECTIONS
SOIL BORINGS, GEOTECHNICAL

CONCRETE SAMPLING AND TESTING RESULTS

Client: 1245 65TH STREET LLC	Date Cast: 1/15/2020
Project Name: 1243 & 1245 65th Street	Report #: BK1243-02
Project Location: Brooklyn, NY	NYCDOB Lab No.: 86
Concrete Type: 4000 PSI Normal Weight	Concrete Supplier: Stillwell Ready Mix

7-day breaks should reach 75% of the required strength = 3000 PSI

PAGE 1 OF 1

Weather Conditions: Partly Cloudy, H: 48%, W: 7 mph, Temp: 45°F

Total Placed CY: 8.5

Placement Location: Rightside Foundation Wall

MIX DESIGN SPECIFIED LIMITS

Mix Design on site No

Temperature: 55°F to 90°F	Slump: 8" ± 1"	Air: 6% ± 1.5%	Density: 150 ± 3 pcf	Strength: 4000 PSI
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Field Test Results

Test #	Truck #	Slump (in) ASTM C-143	Air Content ASTM		Temperature (°F) ASTM C-1064	Density (pcf) ASTM C-138	Testing Time	Remarks	Curing box
			C231	C173					
1	88	7"	5.00%	-	72°F	141.6 pcf	1:15 PM	SEE REMARKS BELOW	Yes

Laboratory Test Results ASTM C-39

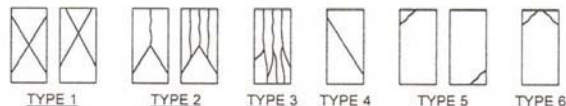
Capping method ASTM C617 ASTMC1231 *Compressive Machine Forney serial # 22505 400k lbs. capacity Calibrated :5/9/19*

Test #	Specimen ID	Arrival Date	Test Date	Age (Days)	Specimen Diameter (inch)	Specimen Area (sq. in.)	Total Load (Lbs.)	Strength (psi)	Break Type	Comply yes/no
1	EK276A	1/16/2020	1/22/2020	7	4.00	12.57	56,850	4,520	2	YES
	EK276B		2/12/2020	28	4.00	12.57	81,840	6,510	2	YES
	EK276C		2/12/2020	28	4.00	12.57	76,370	6,080	2	YES
	EK276D		2/12/2020	28	4.00	12.57	80,560	6,410	2	YES
	EK276E		2/12/2020	28	4.00	12.57	80,820	6,430	5	YES

Remarks: Density it not within the mix design specified limits

RTC hereby certifies that the provided test results are true and legitimate and are only relateable to items inspected / tested.

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Field Technician	ACI ID #
Elkin Ospina	01241181
Laboratory Technician	ACI ID #
Marcos Machuca	01353339

Attested By:

Paul J. Raymond, P.E.
 Lab Director

REGIONAL TESTING CORP
CONSTRUCTION MATERIALS TESTING LABORATORY

CONCRETE
 SPECIAL INSPECTIONS
 SOIL BORINGS, GEOTECHNICAL

CONCRETE SAMPLING AND TESTING RESULTS

Client: 1245 65TH STREET LLC	Date Cast: 1/17/2020
Project Name: 1243 & 1245 65th Street	Report #: BK1243-03
Project Location: Brooklyn, NY	NYCDOB Lab No.: 86
Concrete Type: 4000 PSI Normal Weight	Concrete Supplier: Stillwell Ready Mix

7-day breaks should reach 75% of the required strength = 3000 PSI

PAGE 1 OF 1

Weather Conditions: Sunny, H: 45%, W: 18 mph, Temp: 25°F

Total Placed CY: 13

Placement Location: Front Foundation Walls for 1245

MIX DESIGN SPECIFIED LIMITS

Temperature: 55°F to 90°F	Slump: 8" ± 1"	Air: 6% ± 1.5%	Density: 150 ± 3 pcf	Strength: 4000 PSI	Mix Design on site Yes
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Field Test Results

Test #	Truck #	Slump (in) ASTM C-143	Air Content ASTM C231 C173	Temperature (°F) ASTM C-1064	Density (pcf) ASTM C-138	Testing Time	Remarks	Curing box
1	21	7"	5.80%	-	56°F	150.32 pcf	12:45 PM	Yes

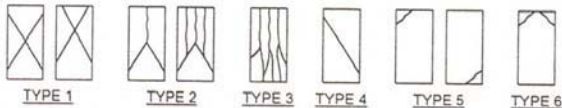
Laboratory Test Results ASTM C-39

Capping method ASTM C617 ASTM C1231 *Compressive Machine Forney serial # 22505 400k lbs. capacity Calibrated :5/9/19*										
Test #	Specimen ID	Arrival Date	Test Date	Age (Days)	Specimen Diameter (inch)	Specimen Area (sq. in.)	Total Load (Lbs.)	Strength (psi)	Break Type	Comply yes/no
1	RR826A	1/20/2020	1/24/2020	7	4.00	12.57	33,990	2,700	2	NO
	RR826B		2/14/2020	28	4.00	12.57	48,530	3,860	6	NO
	RR826C		2/14/2020	28	4.00	12.57	48,050	3,820	-	NO
	RR826D		3/13/2020	56	4.00	12.57	56,600	4,500	6	YES
	RR826E		3/13/2020	56	4.00	12.57	62,140	4,940	2	YES

Remarks:

RTC hereby certifies that the provided test results are true and legitimate and are only relateable to items inspected / tested.

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Field Technician	ACI ID #
Ryan Reeves	01535368
Laboratory Technician	ACI ID #
Marcos Machuca	01353339



Attested By:

Paul J. Raymond, P.E.
 Lab Director