



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

DEPT BLDGS Job No. 420792182
Scan Code ESHS4475136

Sheet number 1

1 Location Information *Required for all applications.*

House No(s) 198-12 Street Name Hillside Avenue
Borough Queens Block 10493 Lot 49 BIN 4223448 CB No. 412
Work on Floor(s) Basement & Foundation Apt/Condo No(s)

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

Director Last Name Barquet Director First Name Francisco Director Middle Initial G.
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 062022 ☒ 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)

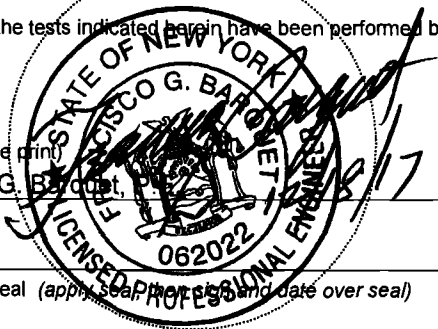
Francisco G. Barquet

Signature

Date

12-18-17

P.E. / R.A. Seal (apply seal over signature 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)



Am/ou 12/26/17

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

Shah Sanjay

owner

12/26/17

STOP HERE PRIOR TO PERMIT

Specified Concrete Str. (f_c): 4000 NW PSI Required Test Age (days): 28[illegible]

Francisco G. Bargaet, P. 13

Date _____

12-18-17



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

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)

Francisco G. Barquet

Signature

Date

12-18-17

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).

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

Name (please print)

Signature

Date

12/18/17

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)

John Vas, Iantank, S

Title Owner

Signature

Date

12/26/17

NRMCA/CIB Expiration Date (BC 1905.8.2)

11/12/19

Business Name

Corona Ready Mix

Business Telephone

1718-271-5945

Business Address

50-25 97 Plaz

Business Fax:

City

Corona

State

NY

Zip

11368

CONCRETE SAMPLING AND TESTING RESULTS			
Client: Ace Inspection & Testing Services, Inc		Date Cast: 2/19/2014	
Project Location: 19-12 Hillside Avenue		Report #: Q198-01	
Project Borough: Queens		NYCDOB Lab No.: 086	
Concrete Type Poured: 4000 PSI Normal Weight		Concrete Supplier: Corona Ready Mix	

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Weather Conditions: Rainy, H:78%, W:9mph, T:37°F

Total Placed CY: 26

Placement Location: Basement Slab

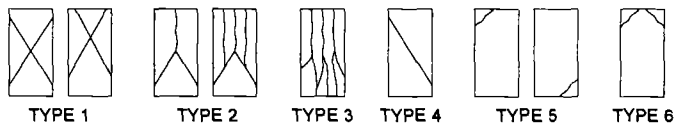
MIX DESIGN SPECIFIED LIMITS				
Temperature: 55°F to 90°F	Slump: 7" ± 1"	Air: 5% ± 1.5%	Density 150 ± 3pcf	Strength: 4000 PSI

Field Test Results							Mix Design on Site:	No
Test #	Truck #	Slump (in) ASTM C-143	Air Content (%) ASTM C231/173	Temperature (°F) ASTM C-1064	Density (pcf) ASTM C-138	Testing Time	Remarks	Curing box
1	11	8"	4.50%	55°F	147.5 pcf	11:40 AM	SEE REMARKS BELOW	No

Laboratory Test Results ASTM C-39									
Capping method: ASTM C 617 ☐ ASTM C-1231 ☒ Compressive Machine Forney serial # 002039 400k lbs. capacity Calibrated :6/29/14*									
Test #	Specimen ID	Test Date	Age (Days)	Specimen Diameter (inch)	Specimen Area (sq. in.)	Total Load (Lbs.)	Strength (psi)	Break Type	Comply yes/no
1	JA05A	3/4/2014	13	3.99	12.50	55,910	4,470	3	YES
	JA05B	3/4/2014	13	3.99	12.50	58,350	4,670	3	YES
	JA05C	3/19/2014	28	3.99	12.50	74,040	5,920	3	YES
	JA05D	3/19/2014	28	3.99	12.50	68,240	5,460	2	YES
	JA05E	3/19/2014	28	3.99	12.50	73,760	5,900	2	YES

7-day breaks should reach 75% of the mix design specified strength = 3000 PSI

Remarks: Density is not within the mix design specified limits



Field Technician	ACI ID #
Joel Ayala	01261082
Laboratory Technician	ACI ID #
Jhon Salazar	01050142



RTC hereby certifies that the provided test results are true and legitimate.

Attested By: Francisco G. Barquet, P.E.
Lab Director

CONCRETE SAMPLING AND TESTING RESULTS			
Client: Ace Inspection & Testing Services, Inc		Date Cast: 2/21/2014	
Project Location: 19-12 Hillside Avenue		Report #: Q198-02	
Project Borough: Queens		NYCDOB Lab No.: 086	
Concrete Type Poured: 4000 PSI Normal Weight		Concrete Supplier: Corona Ready Mix	

PAGE 1 OF 1

Weather Conditions: Partly Cloudy, H:91%, W:10mph, T:37°F Total Placed CY: 80

Placement Location: All Foundation Walls

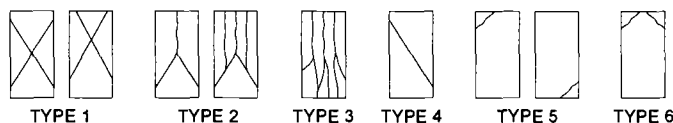
MIX DESIGN SPECIFIED LIMITS				
Temperature: 55°F to 90°F	Slump: 7" ± 1"	Air: 5% ± 1.5%	Density 150 ± 3pcf	Strength: 4000 PSI

Field Test Results							Mix Design on Site:	No
Test #	Truck #	Slump (in) ASTM C-143	Air Content (%) ASTM C231/173	Temperature (°F) ASTM C-1064	Density (pcf) ASTM C-138	Testing Time	Remarks	Curing box
1	8	7"	4.80%	57°F	147.63 pcf	12:00 PM	SEE REMARKS BELOW	No
2	11	7.5"	5.00%	58°F	147.8 pcf	3:10 PM	SEE REMARKS BELOW	No

Laboratory Test Results ASTM C-39									
Capping method: ASTM C 617		ASTM C-1231		X	Compressive Machine Forney serial # 002039 400k lbs. capacity Calibrated :6/29/14*				
Test #	Specimen ID	Test Date	Age (Days)	Specimen Diameter (inch)	Specimen Area (sq. in.)	Total Load (Lbs.)	Strength (psi)	Break Type	Comply yes/no
1	JT283A	2/28/2014	7	3.99	12.50	57,720	4,620	2	YES
	JT283B	2/28/2014	7	3.99	12.50	60,120	4,810	2	YES
	JT283C	3/21/2014	28	4.01	12.63	74,900	5,930	2	YES
	JT283D	3/21/2014	28	4.01	12.63	76,760	6,080	2	YES
	JT283E	3/21/2014	28	4.01	12.63	65,020	5,150	2	YES
2	JT284A	2/28/2014	7	3.99	12.50	59,470	4,760	3	YES
	JT284B	2/28/2014	7	3.99	12.50	59,510	4,760	3	YES
	JT284C	3/21/2014	28	4.01	12.63	70,920	5,620	2	YES
	JT284D	3/21/2014	28	4.01	12.63	73,210	5,800	2	YES
	JT284E	3/21/2014	28	4.01	12.63	73,250	5,800	5	YES

7-day breaks should reach 75% of the mix design specified strength = 3000 PSI

Remarks: Density is not within the mix design specified limits for both tests



Field Technician	ACI ID #
Javier Toala	00063068
Laboratory Technician	ACI ID #
Jhon Salazar	01050142



RTC hereby certifies that the provided test results are true and legitimate.

Attested By: Francisco G. Barquet, P.E.
Lab Director