



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

DEPT BLDGS Job No. 520119531



Sheet number 1

1 Location Information *Required for all applications.*

House No(s) 48

Street Name Burgundy Loop

Borough Staten Island

Block 2873

Lot 103

BIN 5859602

CB No.

Work on Floor(s) Cellar

Apt/Condo No(s)

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

Director Last Name Ozaeta

Director First Name George

Director Middle Initial S.

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 083012

☒ 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.

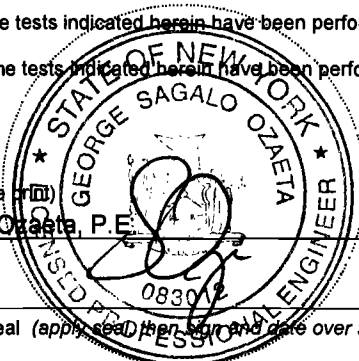
Name (please print)

George S. Ozaeta, P.E.

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

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

Specified Concrete Str. (f_c): **4000** PSI Required Test Age (days): **28**

Licensed Concrete Lab Director Name (please print) W. S. S.

George S. Ozaeta, P.E.

Signature

Date _____

07-12-16



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)

George S. Ozaeta, P.E.

Signature

Date

07-12-16

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)

ESTER J. CALVANICO, P.E.

Signature

Date

8/16/16

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)

Alex Ferrer

Title

QC/QA

Signature

Alex Ferrer

Date

8-3-16

NRMCA/CIB Expiration Date (BC 1905.8.2)

6-2-18

Business Name

Ferrer Bros.

Business Telephone

718-939-3030

Business Address

120-05 31st Ave

Business Fax:

718-539-1998

City

Flushing

State

NY

Zip

11354

REGIONAL TESTING CORP.

CONSTRUCTION MATERIALS TESTING LABORATORY

CONCRETE
SOIL, ASPHALT
SPECIAL INSPECTIONS

CONCRETE SAMPLING AND TESTING RESULTS			
Client: Reliance Engineering		Date Cast: 2/5/2016	
Project Name: 106 Burgundy Loop		Report #: SI106-05	
Project Location: Staten Island		NYCDOB Lab No.: 086	
Concrete Type Poured: 4000 PSI Normal Weight		Concrete Supplier: Eastern Concrete Materials	

7-day breaks should reach 75% of the mix design specified strength = 3000 PSI PAGE 1 OF 2

Weather Conditions: Snow, Humidity: 33% Total Placed CY: 150

Wind: 16 mph, Temperature: 28°F

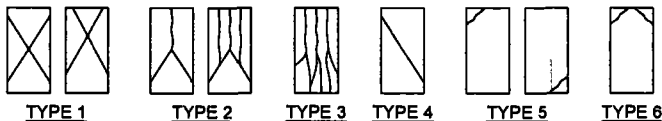
Placement Location: Building 9 (42, 44, 46, 48 & 50 Burgundy Loop) - Grade Beams

MIX DESIGN SPECIFIED LIMITS				
Temperature: 55°F to 90°F	Slump: -	Air: -	Density: -	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	4511	6.5"	4.00%	62°F	146.28pcf	9:50am		No
2	4523	7"	5.00%	64°F	145.28pcf	11:35am		No

Laboratory Test Results ASTM C-39									
Capping method: ASTM C 617		ASTM C-1231	X	*Compressive Machine Forney serial # 02039 500k lbs. capacity Calibrated :7/6/15*					
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	JG942A	2/12/2016	7	3.99	12.50	57,910	4,630	2	YES
	JG942B	3/4/2016	28	3.99	12.50	82,440	6,590	2	YES
	JG942C	3/4/2016	28	4.00	12.57	81,300	6,470	3	YES
	JG942D	3/4/2016	28	3.99	12.50	86,310	6,900	2	YES
	JG942E	3/4/2016	28	3.98	12.44	83,680	6,730	2	YES
2	JG943A	2/12/2016	7	4.01	12.63	59,740	4,730	2	YES
	JG943B	3/4/2016	28	3.99	12.50	79,570	6,360	2	YES
	JG943C	3/4/2016	28	3.99	12.50	75,340	6,030	2	YES
	JG943D	3/4/2016	28	3.98	12.44	74,800	6,010	2	YES
	JG943E	3/4/2016	28	4.02	12.69	76,910	6,060	5	YES

Remarks:



Field Technician	ACI ID #
Jennifer Gomez	01293540
Laboratory Technician	ACI ID #
Federico Salas	01152471



RTC hereby certify that the provided test results are true and legitimately

Attested By:

George S. Ozaeta, P.E.
Lab Director

REGIONAL TESTING CORP.
CONSTRUCTION MATERIALS TESTING LABORATORY

CONCRETE
SOIL, ASPHALT
SPECIAL INSPECTIONS

CONCRETE SAMPLING AND TESTING RESULTS

Client: Reliance Engineering	Date Cast: 2/5/2016
Project Name: 106 Burgundy Loop	Report #: SI106-05
Project Location: Staten Island	NYCDOB Lab No.: 086
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MIX DESIGN SPECIFIED LIMITS

Temperature: 55°F to 90°F	Slump: -	Air: -	Density: -	Strength: 4000 PSI
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Field Test Results

Mix Design on Site: No

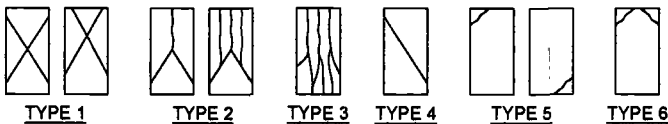
Test #	Truck #	Slump (in) ASTM C-143	Air Content (%) ASTM C231/173	Temperature (°F) ASTM C-1064	Density (pcf) ASTM C-138	Testing Time	Remarks	Curing box
3	4523	7"	5.00%	65°F	145.50pcf	12:40pm		No

Laboratory Test Results ASTM C-39

Capping method: ASTM C 617 ☐ ASTM C-1231 ☒ *Compressive Machine Forney serial # 02039 500k lbs. capacity Calibrated :7/6/15*

Test #	Specimen ID	Test Date	Age (Days)	Specimen Diameter (inch)	Specimen Area (sq. in.)	Total Load (Lbs.)	Strength (psi)	Break Type	Comply yes/no
3	JG944A	2/12/2016	7	3.97	12.38	61,060	4,930	2	YES
	JG944B	3/4/2016	28	4.00	12.57	79,630	6,340	2	YES
	JG944C	3/4/2016	28	3.99	12.50	77,220	6,180	2	YES
	JG944D	3/4/2016	28	3.98	12.44	74,680	6,000	2	YES
	JG944E	3/4/2016	28	4.00	12.57	76,320	6,070	2	YES

Remarks:



Field Technician	ACI ID #
Jennifer Gomez	01293540
Laboratory Technician	ACI ID #
Federico Salas	01152471



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Lab Director