



FINAL-4000-Stillwell

DEPT OF BLDGS 340192605 Job Number

ES896425008 Scan Code

DOB# 321192605
BIB# 008404

TR2: Technical Report Concrete Sampling and Testing

Must be typewritten.

✓ Orient and affix BIS
job number label here

321192605

Sheet number 1

1 Location Information *Required for all applications.*

House No(s) 1130 Street Name BANNER AVENUE

Borough Brooklyn Block 8810 Lot 68 BIN 3247973 CB No. 315

Work on Floor(s) GND, 001, 002, ROOF Apt/Condo No(s)

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

Director Last Name GEBHARD Director First Name KAI Director Middle Initial

Business Name MUNICIPAL TESTING LABORATORIES INC. Business Telephone (631) 761-5555

Business Address 375 RABRO DRIVE Business Fax

City HAUPPAUGE State NY Zip 11788 Mobile Telephone

E-Mail

Director's Lic. Number 033459 ☐ P.E. ☒ R.A. Concrete Testing Lab Lic. Number 19

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 resting 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)

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 Stillwell

Required Test Age (days): 28

Licensed Concrete Lab Director Name (please print)

Kai Gebhard

Signature

Date _____

06/29/18



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)

Kai Gebhard

Signature

Date

6/29/18

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)

JAMES BOULER

7/6/18

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/CIB Expiration Date (BC 1905.8.2)

Business Name

Telephone

Business Address

Business Fax

City

State

Zip

MUNICIPAL TESTING LABORATORY, INC.

375 RABRO DRIVE, HAUPPAUGE, NEW YORK 11788, 631-761-5555, 631-761-5560 FAX, EMAIL MTL@MTLLAB.NET

REPORT OF CONCRETE OR GROUT PLACEMENT TESTS

Client:	IBTS	Report Date:	10/27/2017
Address:	9201 4th Avenue, 5th Floor, Brooklyn, NY 11209	Report Number:	P8417 Lab#: 700
Contractor:	ZAC Group	Date Cast:	9/29/17
Project	1130 Banner Rd., Brooklyn	Work Order #:	APP-008404
Concrete Plant:	Stillwell	Yards Placed:	22

FIELD INFORMATION

Pour Location for Set # 1:	Footings
Pour Location for Set # 2:	
Lab Technician: Lukose, A. ACI #01147853	Field Technician: Akingboye, A. ACI #01387132

ASTM C 39	COMPRESSIVE STRENGTH TESTS								AREA:	12.63	Avg Cyl Dia:	4.01
Cylinder ID #	Date Cast	Date Tested	Slump C143	Air C173, C231	Unit Wt. C138	Temp F. C1064	Truck No.	Tested Age	Load KN	Strength PSI	Specified Strength	Type Frac

Cylinder Set # 1

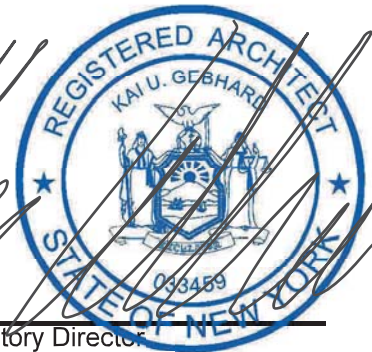
;'C04542	9/29/17	10/10/17	8.00	5.1	147.3	77	18	11	281.5	5,010	4,000	2
;'C04543	9/29/17	10/27/17	8.00	5.1	147.3	77	18	28	341.8	6,080	4,000	2
;'C04544	9/29/17	10/27/17	8.00	5.1	147.3	77	18	28	357.2	6,360	4,000	2
;'C04545	9/29/17	10/27/17	8.00	5.1	147.3	77	18	28	334.4	5,950	4,000	2

Cylinder Set # 2

Remarks:

Reviewed By:

Laboratory Director



MUNICIPAL TESTING LABORATORY, INC.

375 RABRO DRIVE, HAUPPAUGE, NEW YORK 11788, 631-761-5555, 631-761-5560 FAX, EMAIL MTL@MTLLAB.NET

REPORT OF CONCRETE OR GROUT PLACEMENT TESTS

Client: IBTS	Report Date: 11/10/2017
Address: 9201 4th Avenue, 5th Floor, Brooklyn, NY 11209	Report Number: P8822-R Lab#: 876
Contractor: ZHL Group	Date Cast: 10/13/17
Project 1130 Banner Rd., Brooklyn	Work Order #: APP-008404
Concrete Plant: Stillwell	Yards Placed: 22

FIELD INFORMATION

Pour Location for Set # 1:	Foundation walls - South & West face 0-8' High
Pour Location for Set # 2:	Foundaton walls & columns for stairs
Lab Technician: Lukose, A. ACI #01147853	Field Technician: Neri, P. ACI #01073907

ASTM C 39	COMPRESSIVE STRENGTH TESTS								AREA:	12.56	Avg Cyl Dia:	4.00
Cylinder ID #	Date Cast	Date Tested	Slump C143	Air C173, C231	Unit Wt. C138	Temp F. C1064	Truck No.	Tested Age	Load KN	Strength PSI	Specified Strength	Type Frac
DESIGN MIX SPEC			7 +/-1	6.0 +/- 1.5	142							
B2525	10/13/17	10/20/17	9.50	11	140.3	74	88	7	183.3	3,280	4,000	2
B2526	10/13/17	10/20/17	9.50	11	140.3	74	88	7	199.9	3,580	4,000	2
B2527	10/13/17	11/10/17	9.50	11	140.3	74	88	28	289.7	5,190	4,000	2
B2528	10/13/17	11/10/17	9.50	11	140.3	74	88	28	277.3	4,960	4,000	3
B2529	10/13/17	11/10/17	9.50	11	140.3	74	88	28	276.6	4,950	4,000	3

Cylinder Set # 2

B2530	10/13/17	10/20/17	8.50	8	142.9	75	15	7	191.3	3,420	4,000	2
B2531	10/13/17	10/20/17	8.50	8	142.9	75	15	7	204.4	3,660	4,000	2
B2532	10/13/17	11/10/17	8.50	8	142.9	75	15	28	342.6	6,130	4,000	4
B2533	10/13/17	11/10/17	8.50	8	142.9	75	15	28	339.1	6,070	4,000	3
B2534	10/13/17	11/10/17	8.50	8	142.9	75	15	28	329	5,890	4,000	3

Remarks:

Cylinder set #1: The field test has indicated that the slump & air are out of specified design tolerances. The EOR should review report.

Reviewed By:

Laboratory Director



Lab tests are conducted in accordance with ASTM C-39 or AASHTO T-22, By technicians certified by ACI. Municipal Testing is inspected by the Cement and Concrete Reference Laboratory of The National Institute of

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BOULTER PFLUGER
ARCHITECTS, P.C.

James Boulter, R.A., A.I.A. -- Nicholas Pfluger, R.A., A.I.A.
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Brooklyn Office: 254 36th Street, Suite
C257, Brooklyn, N.Y. 11232
Ph: (347) 796-8808

Certification Letter

Date: November 3, 2017

Build it Back Applicant Number: APP-008404

Address: 1130 Banner Ave, Brooklyn, NY 11235

Subject: Certification Letter RFI-1772

At the above-mentioned property, an NCR have been issued for the following reasons.

#1- Truck #88's Concrete Air Content was recorded at 11% which is 3.5% over the tolerance of 7.5% specified in the TR3 and the Slump of 9.5" is 1.5" greater than the 8" maximum specified in the TR3.

#2 - Truck #15's Concrete Air Content was recorded at 8% which is 0.5% over the tolerance of 7.5% specified in the TR3 and the Slump of 8.5" is 0.5" greater than the 8" maximum specified in the TR3.

BPA has reviewed the concrete break reports for the concrete and based on our review we have determined that the high air content and increased slump of both trucks, to the best of my knowledge, did not affect the overall strength of the concrete and is acceptable for use.

If there are any questions, please contact this office.

Regards,

James M. Boulter, R.A., A.I.A.

Nicholas J. Pfluger, R.A., A.I.A.



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REPORT OF CONCRETE OR GROUT PLACEMENT TESTS

Client:	CDM Smith	Report Date:	1/3/2018
Address:	14 Wall St. Manhattan	Report Number:	P9966 Lab#: 2136
Contractor:	Liro	Date Cast:	12/6/17
Project	1130 Banner Rd., Brooklyn	Work Order #:	APP-008404
Concrete Plant:	Stillwell	Yards Placed:	5

FIELD INFORMATION

Pour Location for Set # 1:	Stairs & landing
Pour Location for Set # 2:	
Lab Technician: Lukose, A. ACI #01147853	Field Technician: Olajide, A. ACI #01354452

ASTM C 39	COMPRESSIVE STRENGTH TESTS								AREA:	12.63	Avg Cyl Dia:	4.01
Cylinder ID #	Date Cast	Date Tested	Slump C143	Air C173, C231	Unit Wt. C138	Temp F. C1064	Truck No.	Tested Age	Load KN	Strength PSI	Specified Strength	Type Frac

Cylinder Set # 1

D3136	12/6/17	12/13/17	6.00	7	143.6	63	11	7	310	5,520	4,000	4
D3137	12/6/17	12/13/17	6.00	7	143.6	63	11	7	308.2	5,490	4,000	3
D3138	12/6/17	1/3/18	6.00	7	143.6	63	11	28	496.7	8,840	4,000	3
D3139	12/6/17	1/3/18	6.00	7	143.6	63	11	28	474.5	8,450	4,000	3
D3140	12/6/17	1/3/18	6.00	7	143.6	63	11	28	505.6	9,000	4,000	2

Cylinder Set # 2

Remarks:

Reviewed By:

Laboratory Director



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