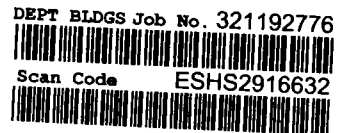




TR2: Technical Report
Concrete Sampling and Testing
Must be typewritten.



Sheet number 1

1 Location Information *Required for all applications.*

House No(s) 45 Street Name Troutman Street
Borough Brooklyn Block 3171 Lot 61 BIN 3424892 CB No. 304
Work on Floor(s) _____ Apt/Condo No(s) _____

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

Director Last Name BANERJEE Director First Name DEBABRATA Director Middle Initial _____
Business Name IMPACT CONCRETE AND CONTROL INSPECTIONS Business Telephone 718-939-7774
Business Address 15-46 129TH STREET Business Fax 718-939-6444
City COLLEGE POINT State NEW YORK Zip 11356 Mobile Telephone 917-577-7540
E-Mail DBANER@GMAIL.COM
Director's Lic. Number 081431 ☒ P.E. ☐ R.A. Concrete Testing Lab Lic. Number 000064

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.

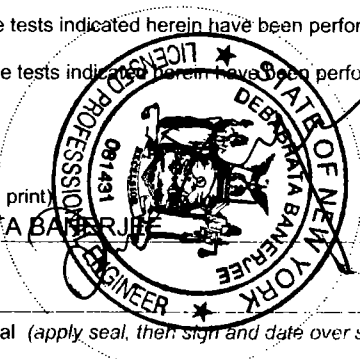
Name (please print)

DEBABRATA BANERJEE

Signature

Date

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

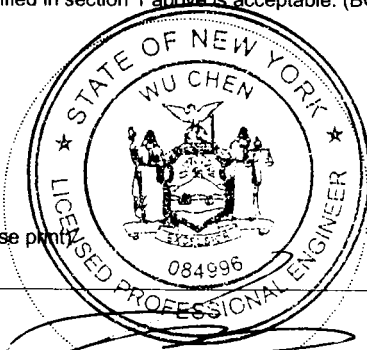


4 Design Applicant's Statement and Signature *P.E./R.A. Required prior to Permit.*

☒ 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



6/18/19

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)

Robert Micham

Title

Owner

Signature

Date

6/17/18

STOP HERE PRIOR TO PERMIT

Specified Concrete Str. (f'_c): 5000

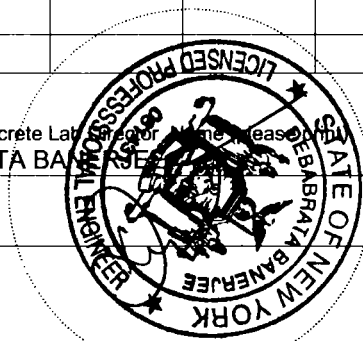
PSI

Required Test Age (days):

Licensed Concrete Laboratory
DEBABRATA BANERJEE

Signature

Date
05-14-19



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)

DEBABRATA BANERJEE

Signature

Date

05-14-19

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

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)

MICHAEL ABA

Title

GM

Signature

Date 5/21/19

NRMCA/CIB Expiration Date (BC 1905.8.2)

Business Name United Transit Mix

Business Telephone 718-416-3400

Business Address 318 Boerum Street

Business Fax: 718-426-4329

City Brooklyn

State NY

Zip 11206

IMPACT

CONCRETE AND CONTROL INSPECTION, INC.
15-46 129TH STREET, COLLEGE POINT, N.Y. 11356
PHONE: (718) 939-7774 FAX: (718) 939-6444

NYCDOB Concrete Laboratory License # 64		Special Inspection Agency License #0000864	
NAME OF CLIENT	45 TROUTMAN STREET LLC	REPORT N°	CFR-001
PROJECT LOCATION	45 TROUTMAN STREET	PAGE	1 OF 1
GENERAL CONTRACTOR	BROOKLYN B COMPANY	DATE	8/14/2017
CONCRETE CONTRACTOR		AIR TEMP	81°F
CONCRETE PRODUCER	UNITED TRANSIT MIX	WEATHER	SUNNY

BATCH TICKET N°					TIME IN	2:00PM				
					TIME OUT					
					REP SIGNATURE:	ORIGINAL REPORT				
MATERIALS	TOTAL BATCH WEIGHTS	ACTUAL BATCH WEIGHTS (CY)	TR3 BATCH WEIGHTS (CY)	SOURCE & TYPE MISC & MOISTURE IN AGG	Remarks:					
CEMENT #1 (lb)	2040	680			NO TR3 & NO CURING BOX					
CEMENT #2 (lb)					ON SITE					
CEMENT #3 (lb)										
FINE AGG (lb)	3750	1250.00		4PERCENT						
COARSE AGG (lb)	5200	1733.30								
COARSE AGG (lb)										
WATER (GALS.)	75	25.00								
ADMIXTURE (oz)	14	4.70		AER-92		Yes	No	Compressive Strength		
ADMIXTURE (oz)	132	44.00		WR	Batch Ticket	X		5000		
ADMIXTURE (oz)					Curing Box		X	Cubic Yards		
ADMIXTURE (oz)					TR3		X	3		
CONCRETE LOCATION:					2 UNDERPINNINGS					
ALL TEST ARE PERFORMED IN ACCORDANCE WITH THE FOLLOWING ASTM PROCEDURES: C-39, C-138, C-143, C-173/231					CONCRETE TEST CYLINDERS		FRACTURE PATTERN PER C-39		TEST SPECIMEN TYPE & LENGTH	
LAB SAMPLE NUMBER	SLUMP INCHES	AIR %	TEMP. CONC. °F	UNIT WEIGHT P.C.F	AGE DAYS	COMPRESSIVE STRENGTH P.S.I	MAX LOAD	TYPE	REMARKS	
124529	5.50	6.0	88	135.8	7	3921	49270	2		
124530					28	5052	63490	2		
124531					28	5347	67190	2		
124532					28	5150	64710	2		

SAMPLED FROM TRUCK #:		36
ACTUAL (GL) PER C/Y =		31
REQUIRED (GL) PER C/Y =		N/A
TO ADD (GL) PER C/Y =		N/A
TOTAL POURED C/Y=		3

Lab Technicians			
Miguel A Herrera LIC. No. 01179255	Wascar M Ramirez LIC. No. 01142192	Waheed Hameed LIC. No. 01264046	Karim T Chowdhury LIC. No. 01266068

Field Technician
EDUARDO FARFAN



Additional Remarks

IMPACT

CONCRETE AND CONTROL INSPECTION, INC.

15-46 129TH STREET, COLLEGE POINT, N.Y. 11356

PHONE: (718) 939-7774 FAX: (718) 939-6444

NYCDOB Concrete Laboratory License # 64		Special Inspection Agency License #0000864	
NAME OF CLIENT	TIM	REPORT N°	CFR-002
PROJECT LOCATION	45 TROUTMAN STREET	PAGE	1 OF 1
GENERAL CONTRACTOR	BROOKLYN B COMPANY GROUP	DATE	8/17/2017
CONCRETE CONTRACTOR	JOSEFINA CONST	AIR TEMP	81°F
CONCRETE PRODUCER	UNITED TRANSIT MIX	WEATHER	SUNNY

					TIME IN	12:30PM		
					TIME OUT	2:30PM		
					REP SIGNATURE:	ORIGINAL REPORT		
MATERIALS	TOTAL BATCH WEIGHTS	ACTUAL BATCH WEIGHTS (CY)	TR3 BATCH WEIGHTS (CY)	SOURCE & TYPE MISC & MOISTURE IN AGG	Remarks:			
CEMENT #1 (lb)	1820	606						
CEMENT #2 (lb)								
CEMENT #3 (lb)								
FINE AGG (lb)	4200	1400.00		SAND 4%				
COARSE AGG (lb)	9300	1700.00		STONE				
COARSE AGG (lb)								
WATER (GALS.)	61	20.30						
ADMIXTURE (oz)	72	24.00		WR 00		Yes	No	Compressive Strength
ADMIXTURE (oz)	3	1.00		AEA-92	Batch Ticket	✓		4000
ADMIXTURE (oz)					Curing Box		X	Cubic Yards
ADMIXTURE (oz)					TR3		X	3

CONCRETE LOCATION:

UNDERPINNING ON THE SOUTH

ALL TESTS ARE PERFORMED IN ACCORDANCE WITH THE FOLLOWING ASTM PROCEDURES: C-43, C-138, C-143, C-173/231				CONCRETE TEST CYLINDERS			FRACTURE PATTERN PER C-39		TEST RESULTS	
LAB SAMPLE NUMBER	SLUMP INCHES	AIR %	TEMP. CONC. °F	UNIT WEIGHT P.C.F.	AGE DAYS	COMPRESSIVE STRENGTH P.S.I.	MAX LOAD	TYPE	REMARKS	
123585	8.10	8.4	81	139.8	7	4274	53710	2		
123586					28	5321	66860	2		
123587					28	5324	66900	2		
123588					28	5566	69940	2		

SAMPLED FROM TRUCK #:		82
ACTUAL (GL) PER C/Y =		27.02
REQUIRED (GL) PER C/Y =		N/A
TO ADD (GL) PER C/Y =		N/A
TOTAL POURED C/Y =		3

Lab Technicians			
Miguel A Herrera LIC. No. 01179255	Wascar M Ramirez LIC. No. 01142192	Waheed Hameed LIC. No. 01264046	Kamal Chowdhury LIC. No. 01265068

Field Technician

NAVID POUR NAZARI DEZFOUL

Additional Remarks



IMPACT

CONCRETE AND CONTROL INSPECTION, INC.

15-46 129TH STREET, COLLEGE POINT, N.Y. 11356

PHONE: (718) 939-7774 FAX: (718) 939-6444

NYCDOB Concrete Laboratory License # 64		Special Inspection Agency License #0000864	
NAME OF CLIENT		REPORT N°	CFR-004
PROJECT LOCATION	45 TROUTMAN STREET BROOKLYN	PAGE	1 OF 1
GENERAL CONTRACTOR	BROOKLYN B COMPANY	DATE	8/23/2017
CONCRETE CONTRACTOR		AIR TEMP	85°F
CONCRETE PRODUCER	UNITED TRANSIT MIX	WEATHER	SUNNY

BATCH TICKET N°					TIME IN	1:30PM		
					TIME OUT			
					REP SIGNATURE:	ORIGINAL REPORT		
MATERIALS	TOTAL BATCH WEIGHTS	ACTUAL BATCH WEIGHTS (CY)	TR3 BATCH WEIGHTS (CY)	SOURCE & TYPE MISC & MOISTURE IN AGG	Remarks:			
CEMENT #1 (lb)	2100	700						
CEMENT #2 (lb)								
CEMENT #3 (lb)								
FINE AGG (lb)	4250	1416.00						
COARSE AGG (lb)	5100	1700.00						
COARSE AGG (lb)								
WATER (GALS.)	48	16.00						
ADMIXTURE (oz)	384	128.00				Yes	No	Compressive Strength
ADMIXTURE (oz)	104	34.00			Batch Ticket	✓		5000
ADMIXTURE (oz)					Curing Box	✓		Cubic Yards
ADMIXTURE (oz)					TR3		✓	3
CONCRETE LOCATION:					UNDERPINNING			

ALL TEST ARE PERFORMED IN ACCORDANCE WITH THE FOLLOWING ASTM PROCEDURES: C-39, C-158, C-143, C-173/231				CONCRETE TEST CYLINDERS			FRACTURE PATTERN PER C-39		TEST SPECIMEN IDENTIFICATION	
CYLINDER NUMBER	SLUMP INCHES	AIR %	TEMP. CONC. °F	UNIT WEIGHT P.C.F	AGE DAYS	COMPRESSIVE STRENGTH P.S.I	MAX LOAD	TYPE	DIAMETER	LENGTH
124377	8.50	4.5	85	144.4	7	3941	49520	2		
124378					28	4610	57930	2		
124379					28	4618	58030	2		
124380					28	4553	57210	2		

SAMPLED FROM TRUCK #:		7
ACTUAL (GL) PER C/Y =		22
REQUIRED (GL) PER C/Y =		N/A
TO ADD (GL) PER C/Y =		N/A
TOTAL POURED C/Y=		3

Lab Technicians		
Miguel A Herrera LIC. No. 01179255	Wascar M Ramirez LIC. No. 01142192	Waheed Hameed LIC. No. 01264046

Field Technician

WAQAS GUL



Additional Remarks

IMPACT

CONCRETE AND CONTROL INSPECTION, INC.

15-46 129TH STREET, COLLEGE POINT, N.Y. 11356

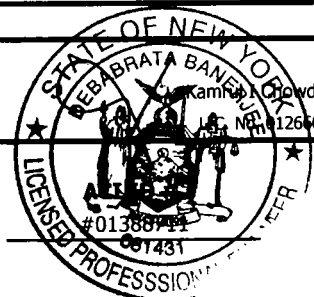
PHONE: (718) 939-7774 FAX: (718) 939-6444

NYCDOB Concrete Laboratory License # 64		Special Inspection Agency License #0000864	
NAME OF CLIENT	45 TROUTMAN STREE LLC	REPORT N°	CFR-005
PROJECT LOCATION	45 TROUTMAN STREET	PAGE	1 OF 1
GENERAL CONTRACTOR	BROOKLYN B COMPANY	DATE	8/24/2017
CONCRETE CONTRACTOR		AIR TEMP	81°F
CONCRETE PRODUCER	UNITED TRANSIT MIX	WEATHER	SUNNY

BATCH TICKET N°					TIME IN	1:00PM		
					TIME OUT			
					REP SIGNATURE:	ORIGINAL REPORT		
MATERIALS	TOTAL BATCH WEIGHTS	ACTUAL BATCH WEIGHTS (CY)	TR3 BATCH WEIGHTS (CY)	SOURCE & TYPE MISC & MOISTURE IN AGG	Remarks:			
CEMENT #1 (lb)	2120	706.7			LOW AIR & NO CURING BOX			
CEMENT #2 (lb)								
CEMENT #3 (lb)								
FINE AGG (lb)	4150	1383.30		4PERCENT				
COARSE AGG (lb)	5100	1700.00						
COARSE AGG (lb)								
WATER (GALS.)	64	21.30						
ADMIXTURE (oz)	60	20.00		WO EUCON		Yes	No	Compressive Strength
ADMIXTURE (oz)	104	34.70		WR	Batch Ticket	X		5000
ADMIXTURE (oz)	12	4.00		AEA-92	Curing Box		X	Cubic Yards
ADMIXTURE (oz)					TR3		X	3
CONCRETE LOCATION:					(2) UNDERPINNINGS			
ALL TESTS ARE PERFORMED IN ACCORDANCE WITH THE FOLLOWING ASTM PROCEDURES: C-39, C-43R, C-143, C-173/Z31					CONCRETE TEST CYLINDERS			
					FRACTURE PROOFING PER C-39			
LAB SAMPLE NUMBER	SUMP INCHES	AIR %	TEMP. CONC. °F	UNIT WEIGHT P.C.F.	AGE DAYS	COMPRESSIVE STRENGTH P.S.I.	MAX LOAD	TYPE
124581	8.50	1.6	85	147.7	7	5314	66780	2
124582					28	6884	86510	2
124583					28	6500	81680	2
124584					28	6677	83900	2

SAMPLED FROM TRUCK #:		34
ACTUAL (GL) PER C/Y =		27.9
REQUIRED (GL) PER C/Y =		N/A
TO ADD (GL) PER C/Y =		N/A
TOTAL POURED C/Y=		3

Lab Technicians		
Miguel A Herrera LIC. No. 01179255	Wascar M Ramirez LIC. No. 01142192	Waheed Hameed LIC. No. 01264046



Field Technician
EDUARDO FARFAN

Additional Remarks