



TR2: Technical Report
Concrete Sampling and Testing

Must be typewritten.

DOB# 440333505
BIB# 002220

✓ Orient and affix BIS
job number label here

FINAL- 4000 Quality Ready Mix

Sheet number 1

1 Location Information Required for all applications.

House No(s) 14-17 Street Name Cross Bay Boulevard

Borough Queens Block 15319 Lot 41 BIN 4297103 CB No. 414

Work on Floor(s) 001, 002 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 Laboratory, Inc Business Telephone 631-761-5555

Business Address 375 Rabro Drive Business Fax 631-761-5560

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 Quality

Required Test Age (days): 28

Licensed Concrete/Leak Director Name (please print)

Kai Gebhard

Signature

Date _____

08-07-18



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

08-07-18

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)

NANDINEE PHOCHAN

Signature

Date

3/20/19

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)	Mario J. Messina	Title	President
Signature		Date	3-6-19
Business Name	Quality Ready Mix	NRMCA/CIB Expiration Date (BC 1905.8.2)	JAN 2020
Business Address	1824 Gifford Ave	Business Telephone	516-775-9662
City	New Hyde Park	Business Fax	516-352-6115
State	NY	Zip	11040

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:	5/22/2017
Address:	9201 4th Avenue, 5th Floor, Brooklyn, NY 11209	Report Number:	P5707 Lab#: 7190
Contractor:	CAC-BHL	Date Cast:	4/24/17
Project	14-17 Crossbay Blvd., Broad Channel	Work Order #:	APP-002220
Concrete Plant:	Quality	Yards Placed:	33

FIELD INFORMATION

Pour Location for Set # 1:	Grade beam
Pour Location for Set # 2:	
Lab Technician: Lukose, A. ACI #01147853	Field Technician: Ekweremuba, O. ACI #1296777

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			8 +/-1	6.0 +/- 1.5	146.5							

Cylinder Set # 1

D00201	4/24/17	5/1/17	6.00	4	139.8	65	60	7	244.4	4,370	4,000	3
D00202	4/24/17	5/22/17	6.00	4	139.8	65	60	28	301.4	5,390	4,000	4
D00203	4/24/17	5/22/17	6.00	4	139.8	65	60	28	307.1	5,500	4,000	2
D00204	4/24/17	5/22/17	6.00	4	139.8	65	60	28	315.8	5,650	4,000	2

Cylinder Set # 2

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



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REPORT OF CONCRETE OR GROUT PLACEMENT TESTS

Client:	IBTS	Report Date:	6/1/2017
Address:	9201 4th Avenue, 5th Floor, Brooklyn, NY 11209	Report Number:	P5860 Lab#: 7415
Contractor:	Tishman	Date Cast:	5/4/17
Project	14-17 Crossbay Blvd., Broad Channel	Work Order #:	APP-002220
Concrete Plant:	Quality Ready Mix	Yards Placed:	33

FIELD INFORMATION

Pour Location for Set # 1:	Foundation around the house
Pour Location for Set # 2:	
Lab Technician: Lukose, A. ACI #01147853	Field Technician: Hovestadt, G. ACI #01341647

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

C09326	5/4/17	5/11/17	8.50	7.4	143.1	66	65	7	209.7	3,730	4,000	4
C09327	5/4/17	5/11/17	8.50	7.4	143.1	66	65	7	205	3,650	4,000	3
C09328	5/4/17	6/1/17	8.50	7.4	143.1	66	65	28	250.9	4,470	4,000	3
C09329	5/4/17	6/1/17	8.50	7.4	143.1	66	65	28	246.2	4,380	4,000	4
C09330	5/4/17	6/1/17	8.50	7.4	143.1	66	65	28	251	4,470	4,000	4

Cylinder Set # 2

Remarks:

Reviewed By:

Laboratory Director



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REPORT OF CONCRETE OR GROUT PLACEMENT TESTS

Client:	IBTS	Report Date:	7/20/2017
Address:	9201 4th Avenue, 5th Floor, Brooklyn, NY 11209	Report Number:	P6644 Lab#: 8254
Contractor:	CAC-BHL	Date Cast:	6/22/17
Project	14-17 Crossbay Blvd., Broad Channel	Work Order #:	APP-002220
Concrete Plant:	Quality Ready Mix	Yards Placed:	6

FIELD INFORMATION

Pour Location for Set # 1:	Stairs & columns / 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:	12.56	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

Cylinder Set # 1

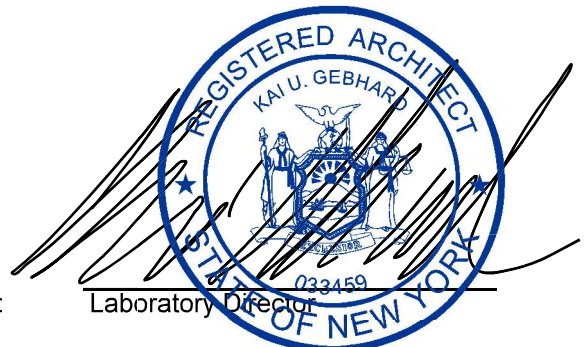
C01251	6/22/17	6/29/17	8.50	6	146.0	80	65	7	207.9	3,720	4,000	1
C01252	6/22/17	6/29/17	8.50	6	146.0	80	65	7	219.7	3,930	4,000	4
C01253	6/22/17	7/20/17	8.50	6	146.0	80	65	28	252.6	4,520	4,000	2
C01254	6/22/17	7/20/17	8.50	6	146.0	80	65	28	265.4	4,750	4,000	2
C01255	6/22/17	7/20/17	8.50	6	146.0	80	65	28	267.5	4,790	4,000	3

Cylinder Set # 2

Remarks:

Reviewed By:

Laboratory Director



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REPORT OF CONCRETE OR GROUT PLACEMENT TESTS

Client:	IBTS	Report Date:	11/24/2017
Address:	9201 4th Avenue, 5th Floor, Brooklyn, NY 11209	Report Number:	P8422 Lab#: 672
Contractor:	CAC-BHL	Date Cast:	9/28/17
Project	14-17 Crossbay Blvd., Broad Channel	Work Order #:	APP-002220
Concrete Plant:	Quality	Yards Placed:	6

FIELD INFORMATION

Pour Location for Set # 1:	Stairs
Pour Location for Set # 2:	
Lab Technician: Lukose, A. ACI #01147853	Field Technician: Ekweremuba, O. ACI #1296777

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

Cylinder Set # 1

A02109	9/28/17	10/9/17	7.00	5	142.3	78	66	11	168.9	3,020	4,000	2
A02110	9/28/17	10/26/17	7.00	5	142.3	78	66	28	181.1	3,240	4,000	4
A02111	9/28/17	10/26/17	7.00	5	142.3	78	66	28	182.3	3,260	4,000	3
A02112	9/28/17	11/24/17	7.00	5	142.3	78	66	57	193.2	3,460	4,000	3

Cylinder Set # 2

Remarks:

Cylinder Set 1: Did Not Meet the Design Strength. Structure shall not be loaded without Engineers approval

Reviewed By:

Laboratory Director



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REPORT OF CONCRETE OR GROUT PLACEMENT TESTS

Client:	IBTS	Report Date:	11/24/2017
Address:	9201 4th Avenue, 5th Floor, Brooklyn, NY 11209	Report Number:	P8422 Lab#: 672
Contractor:	CAC-BHL	Date Cast:	9/28/17
Project	14-17 Crossbay Blvd., Broad Channel	Work Order #:	APP-002220
Concrete Plant:	Quality	Yards Placed:	6

FIELD INFORMATION

Pour Location for Set # 1:	Stairs
Pour Location for Set # 2:	
Lab Technician: Lukose, A. ACI #01147853	Field Technician: Ekweremuba, O. ACI #1296777

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

Cylinder Set # 1

A02109	9/28/17	10/9/17	7.00	5	142.3	78	66	11	168.9	3,020	4,000	2
A02110	9/28/17	10/26/17	7.00	5	142.3	78	66	28	181.1	3,240	4,000	4
A02111	9/28/17	10/26/17	7.00	5	142.3	78	66	28	182.3	3,260	4,000	3
A02112	9/28/17	11/24/17	7.00	5	142.3	78	66	57	193.2	3,460	4,000	3

Cylinder Set # 2

Remarks:

Break test results are acceptable, NCR can be cleared.



E. Walker / K. Eid

01/08/2018

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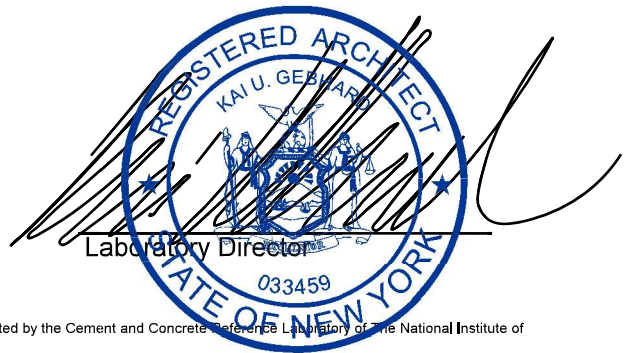
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Structure shall not be loaded without

I

I By:

Laboratory Director



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REPORT OF CONCRETE OR GROUT PLACEMENT TESTS

Client:	IBTS	Report Date:	12/18/2017
Address:	9201 4th Avenue, 5th Floor, Brooklyn, NY 11209	Report Number:	P9650 Lab#: 2009
Contractor:	Tishman	Date Cast:	10/23/17
Project	14-17 Crossbay Blvd., Broad Channel	Work Order #:	APP-002220
Concrete Plant:	Quality	Yards Placed:	3

FIELD INFORMATION

Pour Location for Set # 1: Mouse trap footing

Pour Location for Set # 2:

Lab Technician: Lukose, A. ACI #01147853

Field Technician: Olajide, A. ACI #01354452

ASTM C 39	COMPRESSIVE STRENGTH TESTS								AREA:	12.69	Avg Cyl Dia:	4.02
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

B2981	10/23/17	12/4/17	9.00	6.5	147.8	80	60	42	182.2	3,230	4,000	1
B2982	10/23/17	12/4/17	9.00	6.5	147.8	80	60	42	183.5	3,250	4,000	4
B2983	10/23/17	12/4/17	9.00	6.5	147.8	80	60	42	194.3	3,440	4,000	2
B2984	10/23/17	12/4/17	9.00	6.5	147.8	80	60	42	192.6	3,410	4,000	2
B2985	10/23/17	12/18/17	9.00	6.5	147.8	80	60	56	232.1	4,110	4,000	3

Cylinder Set # 2

Remarks:

Cylinder Set 1: Did Not Meet the Design Strength @ 28 Days. Structure shall not be loaded without Engineers approval

Reviewed By:

Laboratory Director



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REPORT OF CONCRETE OR GROUT PLACEMENT TESTS

Client:	IBTS	Report Date:	11/24/2017
Address:	9201 4th Avenue, 5th Floor, Brooklyn, NY 11209	Report Number:	P8938 Lab#: 1330
Contractor:	CAC-BHL	Date Cast:	10/27/17
Project	14-17 Crossbay Blvd., Broad Channel	Work Order #:	APP-002220
Concrete Plant:	Quality	Yards Placed:	9

FIELD INFORMATION

Pour Location for Set # 1:	Water Pipe footing
Pour Location for Set # 2:	
Lab Technician: Lukose, A. ACI #01147853	Field Technician: Yussuph, S. ACI #01354457

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

Cylinder Set # 1

C3996	10/27/17	11/3/17	7.50	5.5	142.0	68	60	7	202.5	3,630	4,000	2
C3997	10/27/17	11/3/17	7.50	5.5	142.0	68	60	7	190.3	3,410	4,000	3
C3998	10/27/17	11/24/17	7.50	5.5	142.0	68	60	28	259	4,640	4,000	4
C3999	10/27/17	11/24/17	7.50	5.5	142.0	68	60	28	245.3	4,390	4,000	3
C4000	10/27/17	11/24/17	7.50	5.5	142.0	68	60	28	244	4,370	4,000	2

Cylinder Set # 2

Remarks:

Reviewed By:

Laboratory Director



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REPORT OF CONCRETE OR GROUT PLACEMENT TESTS

Client:	IBTS	Report Date:	11/30/2017
Address:	9201 4th Avenue, 5th Floor, Brooklyn, NY 11209	Report Number:	P9367 Lab#: 1447
Contractor:	Tishman	Date Cast:	11/2/17
Project	14-17 Crossbay Blvd., Broad Channel	Work Order #:	APP-002220
Concrete Plant:	Quality	Yards Placed:	2

FIELD INFORMATION

Pour Location for Set # 1:	Sections of SOG at the bottom of Front & Rear stairs / Entrance to 1st Floor at rear
Pour Location for Set # 2:	
Lab Technician: Lukose, A. ACI #01147853	Field Technician: Pereira, S. ACI #00959998

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

B2827	11/2/17	11/9/17	7.00	4.5	146.6	69	60	7	224.3	3,990	4,000	3
B2828	11/2/17	11/9/17	7.00	4.5	146.6	69	60	7	219.7	3,910	4,000	2
B2829	11/2/17	11/30/17	7.00	4.5	146.6	69	60	28	278.4	4,950	4,000	4
B2830	11/2/17	11/30/17	7.00	4.5	146.6	69	60	28	275	4,890	4,000	2
B2831	11/2/17	11/30/17	7.00	4.5	146.6	69	60	28	272.6	4,850	4,000	2

Cylinder Set # 2

Remarks:

Reviewed By:



Laboratory Director

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