

4 Concrete Testing Lab Director's Statement and Signature Required for all applications.

I hereby state that the above information is correct and complete to the best of my knowledge and that the above tests were performed in accordance with all Administrative Code Provisions and Departmental Rules, Regulations and Directives.

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 imprisonment or fine or both.

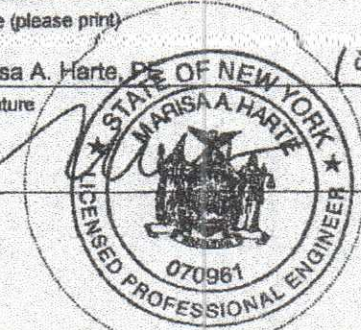
Name (please print)

Marisa A. Harte

Signature

Date

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

**5 Concrete Producer's Statement and Signature Required for all applications. Must be filled out by Owner of Production Facility.**

I certify that the material type and source in section 3 above are available at my facility and that I will use such materials to produce the concrete mix(es) specified in section 3. I further certify that I will produce and deliver such mix(es) to the project site in accordance with the applicable code provisions of the NYC construction codes and that such mix(es) are appropriate for the placement conditions for the project identified in section 1 above (BC 1905.8.2).

Name (print)

Richard Maseolo

Title

V.P.

Signature

Date

11/1/17

NRMCA Certification Expiration Date (BC 1095.8.2)

Business Name

M+B Concrete Inc.

Business Telephone

718 498 0943

Business Address

255 Liberty Ave

Business Fax:

718 498 1054

City

BKLYN

State

NY

Zip

11207

6 Design Applicant's Statement and Signature Required for all applications. Must be filled out by P.E./R.A. responsible for plans.

I certify I have reviewed the concrete design mix(es) reported by the licensed testing lab and found them to be in compliance with the approved construction documents (BC 1905.8).

Name (please print)

Signature

Date

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

18 DEC 17
John J. Napolitano Jr.

MARIA SCOTTO

2 Nov 17

**7 Building Owner's Statement and Signature Required for all applications.**

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 falsified or allowed to be falsified any certificate, form, signed statement, application, report or certification of the correction of violation required under the provisions of this code or of a rule of any agency, I may be barred from filing further applications or documents with the Department.

Name (print)

MARK SCOTTO

Title

PRESIDENT

Signature

(See above)

Date

2 Nov 2017



Materials Testing Lab, Inc.
145 Sherwood Avenue, Farmingdale, NY 11735
(631) 815-1900 Fax (631) 815-1901
www.materials-testing.com

CLIENT:

M & B Inc.
255 Liberty Avenue
Brooklyn, NY 11207
398 Court Street, Brooklyn
5000 PSI + 25% CONVENTIONAL
MIX DESIGN
ACI
MATERIALS TESTING LAB, INC.

Report #: 2017MB5000

Date: 03/07/17

Work Order #:

PROJECT

SAMPLE:

TEST:

METHOD

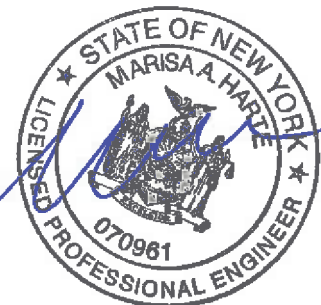
SAMPLED BY:

DELIVERED BY:

M.T.L.

RECOMMENDED MIX DESIGN
5000 PSI + 25% CONVENTIONAL

CEMENT	658	LBS.
FINE AGGREGATE	1213	LBS.
COARSE AGGREGATE	1800	LBS.
WATER	34.8	GALS.
ADMIXTURE (1)	4.4	OZS.
ADMIXTURE (2)	25.0	OZS.
W/C RATIO	0.43	
SLUMP	4" +/- 1"	
AIR ENTRAINED	6 +/- 1%	%
UNIT WEIGHT	147.8	lbs/cu. Ft



10/24/17



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MATERIALS

CEMENT:

Type II Portland Cement (ASTM C150)

SOURCE:

Lehigh

FINE AGGREGATE:

Natural Sand (ASTM C-33)

SOURCE:

Roanoke

COARSE AGGREGATE:

Size #67

SOURCE:

Eastern Materials

ADMIXTURE: (1)

Air Entraining
SIKA AER

SOURCE:

SIKA

ADMIXTURE: (2)

High Range Water Reducer
SIKA 686

SOURCE:

SIKA

1. AGGREGATES COMPLY WITH: ASTM C33, STONE #67
2. MATERIALS REPRESENTATIVE OF M&B Concrete
3. AGGREGATE WEIGHT BASED ON S.S.D. MATERIAL, TO BE ADJUSTED FOR ADDITIONAL MOISTURE.
4. CITY OF NEW YORK, DEPARTMENT OF BUILDINGS, LICENSE #30.



6/24/17



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PROJECT 398 Court Street, Brooklyn
SAMPLE: 5000 PSI + 25% CONVENTIONAL
TEST: MIX DESIGN
METHOD ACI
SAMPLED BY: MATERIALS TESTING LAB, INC.

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DELIVERED BY: M.T.L.

AGGREGATE TESTS:

FINE AGGREGATE

<u>SIEVE SIZES</u>	<u>% PASSING</u>	<u>SPEC</u>
3/8 "	100.0	100
#4	96.8	95-100
#8	89.1	80-100
#16	70.4	50-85
#30	45.6	25-60
#50	19	5-30
#100	4.3	0-10

COARSE AGGREGATE

<u>SIEVE SIZES</u>	<u>% PASSING</u>	<u>SPEC #67</u>
1"	100.0	100
3/4"	99.5	90-100
3/8"	36.4	25-55
#4	2.6	0-10
#8	0.7	0-5

COLORMETRIC TEST

CLEAR

SPECIFIC GRAVITY

2.80 COARSE AGGREGATE

SPECIFIC GRAVITY

2.62 FINE AGGREGATE.

F.M.

2.75





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TEST:

METHOD

SAMPLED BY:

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M.T.L.

RESULTS

<u>POINT</u>	<u>CEMENT</u>	<u>SACKS</u>	<u>FINE AGG.</u>	<u>COARSE AGG.</u>	<u>WATER (GALS.)</u>	<u>ADMIXTURE</u>		<u>% AIR</u>	<u>SLUMP</u>	<u>W/C</u>
						<u>1</u>	<u>2</u>			
1	517	5.5	1449	1800	29.4	3.3	19.0	7.00	3.00	0.47
2	564	6.0	1370	1800	31.2	3.5	20.0	6.50	3.25	0.46
3	611	6.5	1265	1800	32.8	3.7	22.0	6.20	5.00	0.45
4	658	7.0	1213	1800	34.8	4.4	25.0	6.50	5.00	0.44

COMPRESSION TESTS

7 DAY RESULTS

28 DAY RESULTS

<u>AVG.</u>					<u>AVG.</u>				
1	3790	3580	3820	3730	1	4900	5050	4860	4940
2	4640	4650	4530	4600	2	6100	5960	5860	5970
3	4930	5050	4740	4910	3	6190	6210	6220	6210
4	5690	5780	5270	5580	4	6820	6760	6910	6830



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