

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.

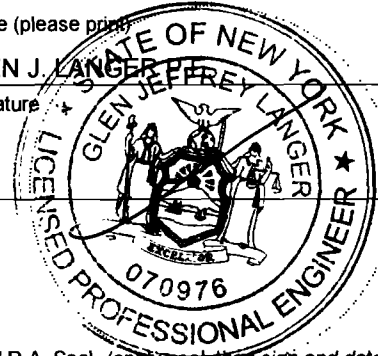
Name (please print)

GLEN J. LANGER

Signature

Date

04-08-16



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)

Anthony Lebbo

Title

Plant Manager

Signature

Date

4/8/16

NRMCA Certification Expiration Date (BC 1905.8.2) 01-28-18

Business Name ONTIME READY MIX

Business Telephone (718) 961-3338

Business Address 34-16 COLLEGE POINT BOULEVARD

Business Fax: (718) 961-8233

City FLUSHING

State N.Y

Zip 11354

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

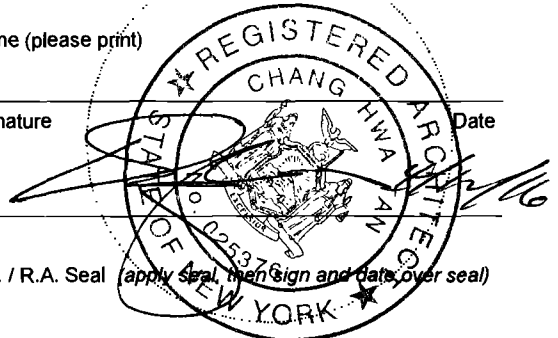
I certify I have reviewed the concrete design mix(es) reported by the licensed testing lab and found them to be in compliance with the approved construction documents (BC 1905.6)

Name (please print)

Signature

Date

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

**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)

CHUNG MIN KWOK

Title

Persistent

Signature

Date

4/12/16

S & S CONCRETE AND SOIL TESTING

20-39 129TH STREET, COLLEGE POINT, NEW YORK 11356

PHONE: (718) 961-1000

FAX: (718) 961-1002

Email: ssc2039@gmail.com

N.Y.C. D.O.B. License #82

CONCRETE MIX DESIGN REPORT

Client: FIRST CLASS .M. CONTRACTING	Report Date: 04/08/2016
Project Address: 206-09 48 AVENUE, QUEENS	Trial Mix Date: 04-15-2015
(work only 04/08/2016onwards)	Expiration Date: 04-15-2017
Specified Strength f'_c-f'_{cr}: 4,000 + 1200 A.E.	Mix No.: OT4106
Mix Type: Pump	Tested By: S&S CONCRETE AND SOIL TESTING
Concrete Plant Supplier: On-Time Ready Mix	Delivered By: S&S CONCRETE AND SOIL TESTING

4,000 psi + 1200 A.E. Concrete Pump @ 28 days

Cement (lbs.)	360
Slag (lbs.)	240
Fly Ash (lbs.)	-
Microsilica (lbs.)	-
Fine Aggregate (lbs.)	1348
Coarse Aggregate (lbs.)	1705
Water (gals.)	32.0
Admixture 1 (oz.)	3.5
Admixture 2 (oz.)	31.5
Admixture 3 (oz.)	-
Slump (in.)	8.00 ± 1
Air Content (%)	6.00 ± 1.5
Unit. Wt. P.C.F.	144.2 ± 3.0 theoretical
Unit. Wt. P.C.F.	144.9 actual
W/C Ratio	0.44

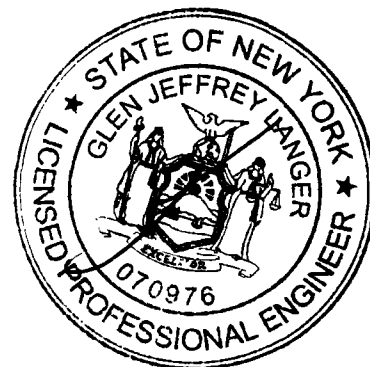
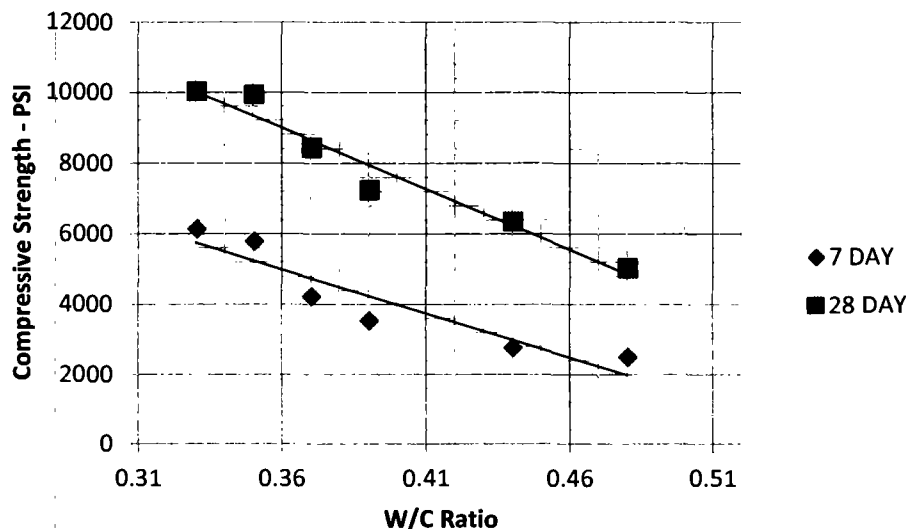
Cement	Lehigh Type I/II	ASTM C150	3.15
Slag	Lehigh	ASTM C989	2.89
Fly Ash	-	ASTM C618	-
Silica Fume	-	ASTM C1240	-
Fine Aggregate	L.I. Natural	ASTM C33	2.63
Coarse Aggregate	Tilcon	ASTM C33	2.81
Water	NYC Potable	ASTM C94	1.00
Admixture 1	Sika Aer	ASTM C260	1.03
Admixture 2	Sika Viscocrete 2100	ASTM C494	1.06
Admixture 3	-	-----	-

Note: Batch tickets must accompany every load of concrete.

Owner must supply test results to On-Time ASAP.

Only supplier can adjust admixture with field test data.

Per NYC DOB bulletin 2010-018dated 06-18-10.



Glen J. Langer, P.E.

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4,000 psi + 1200 A.E. Concrete Pump @ 28 days

Aggregate Gradation Passing Percent Finer

2"		
1 1/2"		
1"		100
3/4"		95.9
1/2"		
3/8"	100	48.0
#4	99.6	9.9
#8	94.3	0.7
#16	75.6	
#30	51.0	
#50	19.8	
#100	1.2	
FM	258.5	

Unit Weight Dry Rodded

101.7

101.1

Specific Gravity

2.63

2.81

Colometric Test

Plate #1

etric Test

Plate #1

TRIAL MIXES – DRY BATCH WEIGHTS (lbs. / cubic yards)

1	27.00	336	224	-	-	1383	1705	32.0	2.7	28.0	-	144.6	7.50	0.48	5.30
	27.01	360	240	-	-	1348	1705	32.0	3.5	31.5	-	143.9	8.00	0.44	5.50
3	27.00	396	264	-	-	1296	1705	32.0	4.4	38.5	-	145.3	8.25	0.40	6.00
4	27.01	420	280	-	-	1262	1705	32.0	4.9	43.1	-	144.8	8.25	0.38	5.90
5	27.01	444	296	-	-	1404	1705	32.0	0.3	48.0	-	151.9	7.75	0.35	1.10
6	27.00	480	320	-	-	1352	1705	32.0	0.2	51.0	-	152.0	7.50	0.33	0.80

COMPRESSIVE STRENGTH RESULTS (ASTM C39) – P.S.I. (4" x 8" Cylinders)

1	0.48	2965	2540	3250	5025	5130	4980	5045	N/A
	0.44	3790	3905	3845	6570	6025	6480	6355	N/A
3	0.39	4200	4370	4285	6960	7430	7345	7245	N/A
4	0.37	5190	4910	5050	8480	8520	8305	8435	N/A
5	0.35	5635	5855	5745	9880	9900	10050	9940	N/A
6	0.33	6785	6960	6870	10120	9960	10030	10035	N/A

Note: Sample Broken By: ACI #: Jorge Lopez / ACI # 01208239

Sika Supplied Air & Viscocrete

Tags Used: GTSM- 17901-17948

Sample Supplied By: On-Time Ready Mix

Cement Picked Up From: On-Time Ready Mix

Glen J. Langer, P.E.