



TR3: Technical Report
Concrete Design Mix
Must be typewritten.



The TR3 is required prior to permit

1 Location Information *Required for all applications.*

House No(s) 50 Street Name Astor Place
Borough Manhattan Block 544 Lot 76 BIN 1008788 CB No. 103

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

Director Last Name Setteducate Director First Name Sebastian Director Middle Initial
Business Name Special Testing & Consulting Business Telephone (631) 242-5606
Business Address 144 Toledo Street Business Fax (631) 242-5629
City Farmingdale State NY Zip 11735 Mobile Telephone
E-Mail
Director's Lic. Number 065563 ☒ P.E. ☐ R.A. Concrete Testing Lab Lic. Number 68

3 Strength Requirements and Design *Required for all applications. Attach Trial Mixture Reports and/or Field Experience Results.*

				Mix #1	Mix #2	Mix #3
Method of Determining Proportions (Trial Mixture and/or Field Experience)				☒ Trial Mix ☐ Field Experience	☐ Trial Mix ☐ Field Experience	☐ Trial Mix ☐ Field Experience
Date Trial Mixture Performed				07/22/09		
Specified Strength (f'_c)				4000 PSI	PSI	PSI
Required Strength (f'_{cr})				5200 PSI	PSI	PSI
Specified Test Age (Days)				28		
	Material Type	Material Source	ASTM Standard			
Cementitious #1 (lbs)	Type I/II	LaFarge	C150	559 lbs.	lbs.	lbs.
Cementitious #2 (lbs)	Fly Ash	Pro Ash	C618	104 lbs.	lbs.	lbs.
Cementitious #3 (lbs)				lbs.	lbs.	lbs.
Fine Aggregate (lbs)	FINE	Long Island Natural	C33	1310 lbs.	lbs.	lbs.
Coarse Aggregate #1 (lbs)	3/4" Coarse	Tilcon	C33	1690 lbs.	lbs.	lbs.
Coarse Aggregate #2 (lbs)				lbs.	lbs.	lbs.
Coarse Aggregate #3 (lbs)				lbs.	lbs.	lbs.
Amount of Water (gals)		Potable		33.7 gals.	gals.	gals.
Admixture #1 (oz)	MBAE 90	BASF	C260	6.0 oz	oz	oz
Admixture #2 (oz)	Glenium7500TypeA,F	BASF	C494	29.8 oz	oz	oz
Admixture #3 (oz)				oz	oz	oz
Other						
Water-Cement Ratio				0.42		
Slump (inches $\pm$ tolerance)				7 $\pm$ 1	$\pm$	$\pm$
Air Content (% $\pm$ tolerance)				5.5 % $\pm$ 1.5	% $\pm$	% $\pm$
Unit Weight (lbs./ft ³)				146 lbs./ft ³	lbs./ft ³	lbs./ft ³

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

I hereby state that the information reported in section 3 above is correct and complete and that the tests reported in section 3 above were performed under my supervision in accordance with all applicable New York City Construction Code provisions, and Departmental rules.

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.

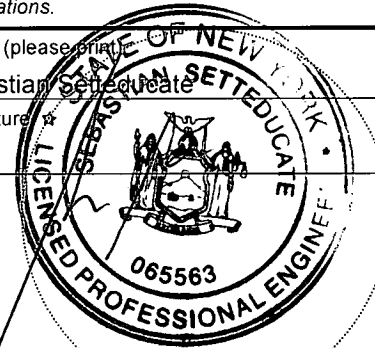
Name (please print)

Sebastian Setteducate

Signature

Date

03-19-10



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 specified 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) Daniel Mastronardi

Title VP

Signature

Daniel Mastronardi

Date 3-22-10

NRMCA Certification Expiration Date (BC 1905.8.2) 2-4-2012

Business Name United Transit Mix

Business Telephone (718) 416-3400

Business Address 318 Boerum Street

Business Fax: (718) 416-4329

City Brooklyn

State NY

Zip 11206

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

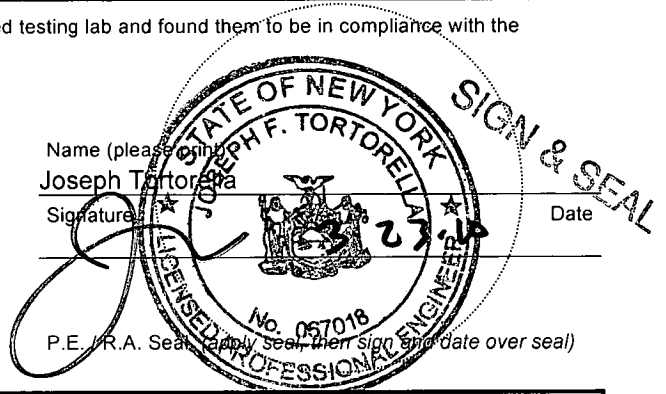
☒ I certify I have reviewed the concrete design mix(es) reported by the licensed testing lab and found them to be in compliance with the approved construction documents (BC 1905.6.3.3).

Name (please print)

Joseph F. Tortorella

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 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 documents with the Department.

Name (print) Clark Weiman

Title Planning Director

Signature

Clark Weiman

Date

3-24-10

Owner's Signature