



**TR3P: Technical Report**  
**Approved Producer**  
**Concrete Design Mix**  
*Must be typewritten.*



The TR3P is required prior to permit

**1 Location Information** *Required for all applications.*

House No(s) 550 Street Name West 34th Street  
 Borough Manhattan Block 705 Lot 1 BIN 1089412 CB No. 104

**2 Applicant Information - Approved Producer** *Required for all applications (QM = Producer Quality Manager).*

QM Last Name Shevchenko QM First Name Gleb QM Middle Initial  
 Business Name Aggregate and Concrete Testing, LLC (Subsidiary Ferrara Bros) Business Telephone (347) 532-2992  
 Business Address 120-05 31st Avenue Business Fax (718) 539-1998  
 City Flushing State NY Zip 11354 Mobile Telephone (914) 484-7330  
 E-Mail gshevchenko@actlabny.com  
 Approved Producer's Identification Number: 85

**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)				<input checked="" type="checkbox"/> Trial Mix <input type="checkbox"/> Field Experience	<input type="checkbox"/> Trial Mix <input type="checkbox"/> Field Experience	<input type="checkbox"/> Trial Mix <input type="checkbox"/> Field Experience
Date Trial Mixture Performed				06-05-13		
Specified Strength ( $f'_c$ )				12000 PSI	PSI	PSI
Required Strength ( $f'_{cr}$ )				13900 PSI	PSI	PSI
Specified Test Age (Days)				56		
	Material Type	Material Source	ASTM Standard			
Cementitious #1 (lbs)	Type I/II	Lafarge	ASTM C-150	335 lbs.	lbs.	lbs.
Cementitious #2 (lbs)	Fly Ash	STI Pro Ash	ASTM C-618	145 lbs.	lbs.	lbs.
Cementitious #3 (lbs)	Slag	Holcim	ASTM C-989	445 lbs.	lbs.	lbs.
Fine Aggregate (lbs)	Long Island Natural	Roanoke S&G	ASTM C-33	1225 lbs.	lbs.	lbs.
Coarse Aggregate #1 (lbs)	#67 Stone	Tilcon	ASTM C-33	900 lbs.	lbs.	lbs.
Coarse Aggregate #2 (lbs)	#8 Stone	Tilcon	ASTM C-33	750 lbs.	lbs.	lbs.
Coarse Aggregate #3 (lbs)				lbs.	lbs.	lbs.
Amount of Water (gals)	Water	NYC DEP	Potable	29.4 gals.	gals.	gals.
Admixture #1 (oz)	Sikament 686	SIKA	ASTM C-494	25 oz	oz	oz
Admixture #2 (oz)	Visco Crete 2100	SIKA	ASTM C-494	74 oz	oz	oz
Admixture #3 (oz)	Delvo	BASF	ASTM C-494	29 oz	oz	oz
Other	Micro Silica	SIKA	ASTM 1240	25		
Water-Cement Ratio				.26		
Slump/Spread (inches $\pm$ tolerance)				23 $\pm$ 3	$\pm$	$\pm$
Air Content (% $\pm$ tolerance)				3.5 % $\pm$ MAX	% $\pm$	% $\pm$
Unit Weight (lbs./ft <sup>3</sup> )				151 lbs./ft <sup>3</sup>	lbs./ft <sup>3</sup>	lbs./ft <sup>3</sup>

**4 Quality Manager'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 (print) **Gleb Shevchenko**Title **Quality Control Manager**

Signature



Date

**06-02-15****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) **Alex Ferrara**Title **QC/QA**

Signature

Date **06-02-15**CIB Certification Expiration Date (BC 1905.8.2) **06-02-16**Business Name **Ferrara Bros. Building Materials Corp.**Business Telephone **718-939-3030**Business Address **120-05 31st Avenue**Business Fax: **718-539-1998**City **Flushing**State **NY**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 Approved Concrete Producer and found them to be in compliance with the approved construction documents (NYC 1905.8).

Name (please print)

Signature



Date

**06/03/2015**

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)

**HAGEN SCUTTI**

Title

**AGENT FOR OWNER**

Signature



Date

**6/3/15****INTERNAL USE ONLY.**

Examiner Name (print)

Title

Signature

Date