



TR3P: Technical Report  
Approved Producer  
Concrete Design Mix

Must be typewritten.

DEPT BLDGS Job No. 121184841



Scan Code ESHS8863087

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<br><input type="checkbox"/> Field Experience | <input type="checkbox"/> Trial Mix<br><input type="checkbox"/> Field Experience | <input type="checkbox"/> Trial Mix<br><input type="checkbox"/> Field Experience |
| Date Trial Mixture Performed  |                     |                 |               | 06-24-14   |   |   |
| Specified Strength (f <sub>c</sub> )                                      |                     |                 |               | 7000 PSI   | PSI   | PSI   |
| Required Strength (f <sub>cr</sub> )                                      |                     |                 |               | 8400 PSI   | PSI   | PSI   |
| Specified Test Age (Days)   |                     |                 |               | 28   |   |   |
|   | Material Type       | Material Source | ASTM Standard |  |   |   |
| Cementitious #1 (lbs)   | Type I/II           | Lafarge         | ASTM C-150    | 750 lbs.   | lbs.  | lbs.  |
| Cementitious #2 (lbs)   |                     |                 |               | lbs.   | lbs.  | lbs.  |
| Cementitious #3 (lbs)   |                     |                 |               | lbs.   | lbs.  | lbs.  |
| Fine Aggregate (lbs)  | Long Island Natural | Roanoke S&G     | ASTM C-33     | 1245 lbs.  | lbs.  | lbs.  |
| Coarse Aggregate #1 (lbs)   | #67 Stone           | Tilcon          | ASTM C-33     | 1800 lbs.  | lbs.  | lbs.  |
| Coarse Aggregate #2 (lbs)   |                     |                 |               | lbs.   | lbs.  | lbs.  |
| Coarse Aggregate #3 (lbs)   |                     |                 |               | lbs.   | lbs.  | lbs.  |
| Amount of Water (gals)  | Water               | NYC DEP         | Potable       | 33.7 gals  | gals  | gals  |
| Admixture #1 (oz)   | Master Sure 1390    | BASF            | ASTM C-260    | 3 oz   | oz  | oz  |
| Admixture #2 (oz)   | Master Glenium      | BASF            | ASTM C-494    | 62 oz  | oz  | oz  |
| Admixture #3 (oz)   |                     |                 |               | oz   | oz  | oz  |
| Other   |                     |                 |               |  |   |   |
| Water-Cement Ratio  |                     |                 |               | 38   |   |   |
| Slump/Spread (inches ± tolerance)   |                     |                 |               | 9 ± 1  | ±   | ±   |
| Air Content (% ± tolerance)   |                     |                 |               | 3.5 % ± MAX  | % ±   | % ±   |
| 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 ShevchenkoTitle Quality Control ManagerSignature *Gleb Shevchenko*

Date

08-27-15**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 FerraraTitle QC/QASignature *Alex Ferrara*Date 08-27-15CIB Certification Expiration Date (BC 1905.8.2) 06-02-16Business Name Ferrara Bros.Business Telephone 718-939-3030Business Address 120-05 31st AvenueBusiness Fax: 718-539-1998City FlushingState NYZip 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 (BC 1905.8.2).

Name (please print) JEFFREY H. SMILOWSignature *Jeffrey H. Smilow*

Date

09/01/2015

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 SCOTTTitle AGENT for OWNERSignature *Hagen Scott*

Date

9/2/15**INTERNAL USE ONLY.**

Examiner Name (print)

Title

Signature

Date