

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)

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)	<u>MICHAEL FALCO</u>	Title	<u>PRESIDENT</u>
Signature	<u>[Signature]</u>	Date	
Business Name Xtreme Ready Mix	NRMCA Certification Expiration Date (BC 1095.8.2)		
Business Address 178-01 Liberty Avenue	Business Telephone <u>718-739-3380</u>		
City Jamaica	State NY	Business Fax:	<u>718-739-3387</u>
		Zip	<u>11433</u>

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)

Title

Signature

Date

ALL ISLAND TESTING ASSOCIATES, INC.

NYC DOB Lab #84

75B Pine Aire Drive, Bay Shore, NY 11706

Phone (631) 273-5717, Fax (631) 273-2457

XTREME10315

January 3, 2015

CLIENT: **Xtreme Ready Mix**
105-14 148th Street
Jamaica, NY 11435

PROJECT: **67-19 Roosevelt Ave**

REQUIRED f'_{cr} : 4000 PSI + 1200 PSI
TYPE: Ltwt Pump, A/E, MRWR

CONCRETE SUPPLIER: Xtreme Ready Mix

The following materials were submitted by the concrete supplier as typical of those proposed to be for this project.

CEMENT: LehighType I/II, ASTM C-150
SAND: East Coast Mines , ASTM C-33
LIGHTWEIGHT: Solite, ASTM C-330
ADMIXTURE: MBAE-90 (C-260) & Glenium 7620 (C-494) – BASF

GRADATION TEST

<u>SIEVE</u> <u>SIZE</u>	<u>SAND</u> <u>PERCENT</u> <u>PASSING</u>	<u>SIEVE</u> <u>SIZE</u>	<u>SOLITE</u> <u>PERCENT</u> <u>PASSING</u>
3/8	100.0		
4	97.0	1"	100.0
8	90.0	3/4	91.0
16	65.0	1/2	39.4
30	43.0	3/8	26.8
50	20.0	#4	1.5
100	6.0	#8	1.0

F.M. 2.75
S.G. 2.63
U.W.D.R. 83.48
Colormetric Test..... Plate No. 1

S.G. - 1.48 (*Dry ~ Needs
Correction*)

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DRIED WEIGHTS PER CUBIC YARD

	<u>PUMP</u>			
MIX NO.	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
TRIAL MIX DATE:	9/11/14	9/11/14	9/11/14	9/11/14
CEMENT (lbs)	564	519	660	720
SAND (lbs)	1661	1604	1549	1499
SOLITE SSD (lbs)*	800	800	800	800
SOLITE (DRY) (lbs)	735	735	735	735
MBAE-90 (oz)	3.5	3.7	3.8	3.9
% AIR	5.4	5.5	5.7	5.5
GLENIUM 7620 (oz)	33.8	36.6	39.6	43.2
GALS OF WATER	34.2	34.8	35.0	35.4
SLUMP (")	6.5	6.75	6.25	7.0
W/C RATIO	.50	.47	.44	.41
UNIT WT WET (#/ft ³)	122.8	122.6	122.3	123.1
UNIT WT DRY (#/ft ³)	115.3	114.8	115.3	115.1
YIELD	26.94	26.94	26.97	26.97

COMPRESSIVE STRENGTHS

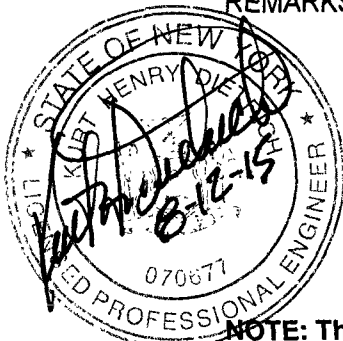
(6" x 12" Cylinders)

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
7 DAY	3038	3463	3822	4670
P.S.I.	3109	3551	3929	4701
	<u>3286</u>	<u>3657</u>	<u>4070</u>	<u>4555</u>
AVERAGE	3144	3557	3940	4642
28 DAY	4433	4952	5412	6398
P.S.I.	4221	4864	5218	6447
	<u>4504</u>	<u>4705</u>	<u>5305</u>	<u>6520</u>
AVERAGE	4386	4840	5311	6455

Based on the above, we suggest Mix No. 3 for 4000 P.S.I. at a maximum slump of 6 ± 1 ".

REMARKS: 1) * - Moisture of Solite, as batched, 8.7% (ACI 213).

2) Chemical Admixtures might be adjusted as needed depending on Site and weather conditions following manufacturer's recommendations and upon approval of the Engineer of Record.



Respectfully Submitted,
ALL ISLAND TESTING

Daniel Quick
Daniel Quick

NOTE: These Trial Batches are Specific Only to the Listed Project & Concrete Supplier and are NOT VALID without a signature in ink. Any alterations would be considered fraudulent and could result in legal consequences.