



TR2: Technical Report
Concrete Sampling and Testing
Must be typewritten.

121204892

✓ Orient and affix BIS
job number label here

Sheet number 1

Application # 121204892

1 Location Information *Required for all applications.*

House No(s) 310 Street Name East 86th Street

Borough Manhattan Block 1548 Lot 146 BIN 1050023 CB No. 108

Work on Floor(s) CEL, 1-20, ROF Apt/Condo No(s)

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

Director Last Name Setteducate Director First Name Sebastian Director Middle Initial

Business Name Special Testing & Consulting, LLC Business Telephone (631) 755-1112

Business Address 144 Toledo Street Business Fax (631) 755-1117

City Farmingdale State New York Zip 11735 Mobile Telephone

E-Mail ssette@special-testing.com

Director's Lic. Number 65563 ☒ P.E. ☐ R.A. Concrete Testing Lab Lic. Number 68

3 Licensed Concrete Testing Laboratory's Identification of Responsibilities *Required prior to Permit.*

Check all that apply below:

I certify that I am the director of the licensed concrete testing laboratory accepting responsibility for conducting the testing in accordance with BC 1905.6 and BC 1704.1. I further certify that I have read the applicable sections of the New York City Construction Codes in connection with the testing of concrete and licensed concrete testing laboratories as well as 1 RCNY §5-02 and 1 RCNY §101-07(c)(6), which specifies the qualifications and duties required of a licensed concrete testing laboratory and that this licensed testing laboratory meets those qualifications for the work which I take responsibility. I agree that both I and the licensed concrete testing laboratory will comply with all provisions of the New York City Construction Codes as well as 1 RCNY §5-02 and 1 RCNY §101-07(c)(6). I am aware of the additional sanctions imposed on false filings by §28-211.1.2 of the Administrative Code.

Change of Applicant: I am a newly designated individual responsible for the testing specified herein and I hereby state that:

- ☐ None of the tests indicated herein have been performed to date by the previously designated individual.
- ☐ Some of the tests indicated herein have been performed by the previously designated individual, as indicated in the attached report.

Name (please print)

Sebastian Setteducate, P.E.

Signature

Date

07/26/23

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



4 Design Applicant's Statement and Signature *P.E./R.A. Required prior to Permit.*

- ☐ I certify that the licensed concrete testing laboratory specified in section 2 above and engaged by the owner to perform tests on the work at the location specified in section 1 above is acceptable. (BC 1704.1)

Name (please print)

Signature

Date

P.E. / R.A. Seal (*apply seal, then sign and date over seal*)**5 Building Owner's Statement and Signature** *Required prior to Permit.*

I certify that I have employed the licensed concrete testing laboratory specified in section 2 above in accordance with BC 1704.1. 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 document with the Department.

Name (print)

Title

Signature

Date

STOP HERE PRIOR TO PERMIT

Specified Concrete Str. (f'_c): 4000 PSI 640 Cement Required Test Age (days): 28

Licensed Concrete Lab Director Name (please print)
Sebastian Setteducate, P.E.

Date _____

07/26/23

12/14

7 Licensed Concrete Testing Laboratory's Certification of Completion *Required prior to Sign-off.*

- ☒ I certify that I have completed the testing specified herein and that the results reported in section 6 of this form are true and accurate in accordance with §28-406.3.2.

I am aware of the additional sanctions imposed on false filings by §28-211.1.2 of the Administrative Code.

- ☐ **Withdrawal of Applicant:** I am withdrawing responsibility for conducting the tests indicated herein and herewith submit the results or status of the work performed to date.

Name (please print)

Sebastian Setteducate, P.E.

Signature

Date

07/26/23

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

8 Design Applicant's Statement and Signature *Required prior to Sign-off. P.E./R.A. responsible for plans, choose one and sign/seal.*

- ☒ I certify that I have reviewed the test results reported by the licensed concrete testing lab in section 6 above and found them to be in compliance with the approved construction documents.

- ☐ I certify I have reviewed the test results reported by the licensed concrete testing lab in section 6 above and found them to be in compliance with the approved construction document except as noted in the attached report (BC 1905.6).

Note: design applicant's signed and sealed report must be attached to this document

Name (please print)

Silvian Marcus

Signature

Date

11/08/23

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

9 Concrete Producer's Statement and Signature *Required prior to Sign-off. Must be filled out by Owner of Production Facility.*

I certify that the test results reports in section 6 above were reported to me, and I further certify that the concrete delivered is in accordance with the design mix(es) specified on the TR3 submitted for the work specified in section 1 above.

Name (print)

Michelle Fernandes

Title

QC/QA

Signature

Date 11/19/23

NRMCA/CIB Expiration Date (BC 1905.8.2)

6-2-24

Business Name

US - Concrete NYC Division - SRM

Business Telephone

718-433-4343

Business Address

120-05 31st Avenue

Business Fax:

City

Flushing

State

NY

Zip

11354



TR2: Technical Report
Concrete Sampling and Testing
Must be typewritten.

121204892

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Sheet number 1

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E-Mail ssette@special-testing.com

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Change of Applicant: I am a newly designated individual responsible for the testing specified herein and I hereby state that:

- ☐ None of the tests indicated herein have been performed to date by the previously designated individual.
- ☐ Some of the tests indicated herein have been performed by the previously designated individual, as indicated in the attached report.

Name (please print)

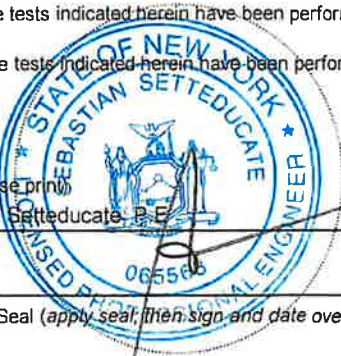
Sebastian Setteducate, P.E.

Signature

Date

07/26/23

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



4 Design Applicant's Statement and Signature *P.E./R.A. Required prior to Permit.*

- ☐ I certify that the licensed concrete testing laboratory specified in section 2 above and engaged by the owner to perform tests on the work at the location specified in section 1 above is acceptable. (BC 1704.1)

Name (please print)

Signature

Date

P.E. / R.A. Seal (*apply seal, then sign and date over seal*)**5 Building Owner's Statement and Signature** *Required prior to Permit.*

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Name (print)

Title

Signature

Date

STOP HERE PRIOR TO PERMIT

6 Test Report Required prior to Sign-off. Use supplemental pages as needed. Attach Original Lab Test Reports

Specified Concrete Str. (f' c): 6000

PSI 495 Cement

Required Test Age (days): 28

			Sampling:						
Test Report Number	Date of Placement	Cylinder I.D.	Slump	Air Content	Temperature	Weight	Placement Location	Total Placement	Breaking Strength
			in	%	°F	lbs/ft ³		yd ³	PSI
02/16/22	02/16/22	509465	8.50	2.8	78	149.1	Slab	290	6970
		509466							7190
		509471	8.50	3.1	77	149.7			7500
		509472							7860
		509477	8.25	2.9	80	149.6			7520
		509478							7720
		509483	8.25	3.1	75	148.0			6410
		509484							6430
		504989	9.00	2.1	75	152.1			8300
		504990							8440
		504995	8.75	2.3	78	151.0			8840
		504996							9340
		509502	-	-	76	-			7080
		509505	-	-	77	-			7980
		509508	-	-	75	-			8250
		509511	-	-	77	-			7800
		509514	-	-	76	-			6990
		509523	-	-	81	-			8650
		509526	-	-	75	-			7750
		506529	-	-	75	-			8090
		506532	-	-	78	-			8350
03/23/22	03/23/22	515583	9.00	2.1	77	153.6	Slab	170	8620
		515584							8870
		515590	8.75	2.7	78	150.1			7640
		515591							7540

Licensed Concrete Lab Director Name (please print)

Sebastian Setteducate, P.E.

Signature

Date

07/26/23

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

6 Test Report Required prior to Sign-off. Use supplemental pages as needed. Attach Original Lab Test Reports

Specified Concrete Str. (f' c): 6000

PSI 495 Cement

Required Test Age (days): 28

			Sampling:						
Test Report Number	Date of Placement	Cylinder I.D.	Slump	Air Content	Temperature	Weight	Placement Location	Total Placement	Breaking Strength
			in	%	°F	lbs/ft ³		yd ³	PSI
03/23/22	03/23/22	515595	9.00	2.5	80	151.4	Slab	170	8760
		515596							8430
		515546	9.00	2.9	79	149.9			8410
		515547							8030
03/24/22	03/24/22	515615	8.50	3.4	75	148.3	Slab	140	6820
		515616							6850
		515621	8.50	3.2	78	149.3			7390
		515622							6810
		515626	8.75	3.0	79	150.0			7440
		515627							7420
03/29/22	03/29/22	515665	9.00	1.9	75	151.8	Slab	130	8020
		515666							8250
		515671	9.00	2.5	78	151.0			8550
		515672							8920
		515677	8.75	3.0	77	149.5			8610
		515678							8600
04/01/22	04/01/22	515865	8.75	3.2	77	152.6	Slab/stair	147	7020
		515866							7120
		515871	9.50	3.4	78	150.6			9100
		515872							8860
		515877	8.50	2.1	75	149.1			8010
		515878							8400
04/06/22	04/06/22	515915	8.75	2.0	75	150.0	Sl/bms/strs	140	8290
		515916							7730
NOT	USED								

Licensed Concrete Lab Director Name (please print)

Sebastian Setteducate, P.E.

Signature

Date

07/26/23

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

6 Test Report Required prior to Sign-off. Use supplemental pages as needed. Attach Original Lab Test Reports

Specified Concrete Str. (f' c): 6000

PSI 495 Cement

Required Test Age (days): 28

			Sampling:						
Test Report Number	Date of Placement	Cylinder I.D.	Slump	Air Content	Temperature	Weight	Placement Location	Total Placement	Breaking Strength
			in	%	°F	lbs/ft ³		yd ³	PSI
04/06/22	04/06/22	515921	9.00	1.9	73	151.0	SI/bms/strs	140	6340
		515922							6910
		515927	8.50	2.1	71	151.8			6800
		515928							6720
04/13/22	04/13/22	551165	8.50	2.8	74	151.7	SI/bms/strs	141	7260
		551166							7120
		551171	9.00	3.0	75	150.0			7850
		551172							8230
		551177	8.50	2.7	77	151.8			8000
		551178							7850
04/18/22	04/18/22	551269	8.50	1.2	70	153.1	Slab/stairs	143	9540
		551270							9320
		551275	-	-	78	-			7110
		551276							7020
		551281	-	-	75	-			7290
		551282							7300
		551287	10.00	3.4	72	149.5			7020
		551288							7000
		551293	8.50	2.3	70	152.0			8210
		551294							7960
04/21/22	04/21/22	509883	8.00	2.8	66	150.7	Slab/stairs	140	6600
		509884							7050
		509889	8.50	3.2	65	149.8			7750
		509890							7790
NOT	USED								

Licensed Concrete Lab Director Name (please print)

Sebastian Setteducate, P.E.

Signature

Date

07/26/23

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

6 Test Report Required prior to Sign-off. Use supplemental pages as needed. Attach Original Lab Test Reports

Specified Concrete Str. (f' c): 6000

PSI 495 Cement

Required Test Age (days): 28

			Sampling:						
Test Report Number	Date of Placement	Cylinder I.D.	Slump	Air Content	Temperature	Weight	Placement Location	Total Placement	Breaking Strength
			in	%	°F	lbs/ft ³		yd ³	PSI
04/21/22	04/21/22	509895	9.00	3.1	68	150.0	Slab/stairs	140	6590
		509896							7010
04/27/22	04/27/22	551315	9.00	2.9	65	-	Slab/stairs	147	8800
		551316							8620
		551321	8.75	2.7	66	-			8010
		551322							7600
		551327	8.50	2.7	68	-			8000
		511328							7990
05/02/22	05/02/22	553312	8.00	3.5	64	148.8	Slab/stairs	157	7940
		553313							8020
		553318	8.75	2.7	62	149.4			6490
		553319							6340
		553324	8.50	2.9	63	149.0			6840
		553325							6470
		553330	9.00	2.6	65	148.6			7030
		553331							6340
05/02/22	05/02/22	11115	8.00	1.8	65	152.6	Slab/stairs	140	8140
		11116							8200
		11121	8.00	2.0	65	152.4			8010
		11122							7940
		11127	7.75	2.2	63	152.0			8350
		11128							8600
05/12/22	05/12/22	508315	8.50	6.2	70	158.4	Sl/bms/strs	151	7710
		508316							7680
NOT	USED								

Licensed Concrete Lab Director Name (please print)

Sebastian Setteducate, P.E.

Signature

Date

07/26/23

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

6 Test Report Required prior to Sign-off. Use supplemental pages as needed. Attach Original Lab Test Reports

Specified Concrete Str. (f' c): 6000

PSI 495 Cement

Required Test Age (days): 28

			Sampling:						
Test Report Number	Date of Placement	Cylinder I.D.	Slump	Air Content	Temperature	Weight	Placement Location	Total Placement	Breaking Strength
			in	%	°F	lbs/ft ³		yd ³	PSI
05/12/22	05/12/22	508321	7.50	6.0	70	159.0	SI/bms/strs	159	8950
		508322							8940
		508327	8.50	6.2	70	158.8		159	8230
		508328							8230
05/20/22	05/20/22	551415	8.25	3.0	70	149.8	SI/bms/strs	148	8660
		551416							8790
		551421	8.75	3.0	74	150.0			8480
		551422							8150
		551427	8.50	2.8	72	149.8			8380
		551428							7990
05/16/22	05/16/22	551365	8.50	2.4	72	152.0	SI/bms/strs	148	7040
		551366							6590
		551371	8.75	3.0	74	151.8			7380
		551372							7010
		551377	9.00	2.0	73	152.0			6580
		551378							6920
NOT	USED								
NOT	USED								
NOT	USED								
NOT	USED								
NOT	USED								
NOT	USED								
NOT	USED								
NOT	USED								
NOT	USED								

Licensed Concrete Lab Director Name (please print)

Sebastian Setteducate, P.E.

Signature

Date

07/26/23

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

7 Licensed Concrete Testing Laboratory's Certification of Completion *Required prior to Sign-off.*

- ☒ I certify that I have completed the testing specified herein and that the results reported in section 6 of this form are true and accurate in accordance with §28-406.3.2.

I am aware of the additional sanctions imposed on false filings by §28-211.1.2 of the Administrative Code.

- ☐ **Withdrawal of Applicant:** I am withdrawing responsibility for conducting the tests indicated herein and herewith submit the results or status of the work performed to date.

Name (please print)

Sebastian Setteducate, P.E.

Signature

Date

07/26/23

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- ☒ I certify that I have reviewed the test results reported by the licensed concrete testing lab in section 6 above and found them to be in compliance with the approved construction documents.

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Note: design applicant's signed and sealed report must be attached to this document

Name (please print)

Silvian Marcus

Signature

Date

11/08/23

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

9 Concrete Producer's Statement and Signature *Required prior to Sign-off. Must be filled out by Owner of Production Facility.*

I certify that the test results reports in section 6 above were reported to me, and I further certify that the concrete delivered is in accordance with the design mix(es) specified on the TR3 submitted for the work specified in section 1 above.

Name (print)

Michelle Fernandes

Title

QC/PA

Signature

Date

11/17/23

RMCA/CIB Expiration Date (BC 1905.8.2)

6-2-24

Business Name

US - Concrete NYC Division

Business Telephone

718-433-4343

Business Address

120 05 31st Avenue

Business Fax:

City

Flushing

State

NY

Zip

11354



Date: 02/16/2022 **File No.:** 190319.TRI **Page:** 2 of 3
Client: IGI E86, LLC
Project Name/Address: 306-314 East 86th Street, New York NY (New Building)

Air Content Method per ☐ C173 or ☒ C231			FIELD TEST RESULTS				
Cylinder No.	Time of Test	Truck No.	Slump (in.)	Air (%)	Conc. Temp	Unit Wt.	Remarks
509475-509480	12:20 P.M.	3383*	8.25	2.9	75°F	149.6	
509481-509486	1:40 P.M.	3113*	8.25	3.1	80°F	148.0	
504987-504992	3:20 P.M.	3131	9.0	2.1	75°F	152.1	
504993-504998	5:10 P.M.	3054	8.75	2.3	78°F	151.0	

[illegible]

NYCDOB CONCRETE TESTING LABORATORY LICENSE NO. 68
Rev. 08/20/20

Compression Test per ASTM C39
Field Tests per ASTM C143, C138, C1064

Lab Prep. for Cyl. Ends
G = Grinded as per ASTM C39
U = Unbonded caps as per ASTM C1231
B = Bonded caps as per ASTM C617

CONCRETE REPORT

Date: 02/16/2022 **File No.:** 190319.TRI **Page:** 3 of 3
Client: IGI E86, LLC
Project Name/Address: 306-314 East 86th Street, New York NY (New Building)

FIELD TEST - RESULTS

FIELD TEST RESULTS							
Air Content Method per ☐ C173 or ☒ C231							
Cylinder No.	Time of Test	Truck No.	Slump (in.)	Air (%)	Conc. Temp	Unit Wt.	Remarks
509501-509503	9:45 A.M.	3171	-	-	76°F	-	**Extra cylinders
509504-509506	9:55 A.M.	3362	-	-	77°F	-	**Extra cylinders
509507-509509	10:09 A.M.	3135	-	-	75°F	-	**Extra cylinders
509510-509512	10:29 A.M.	3143	-	-	77°F	-	**Extra cylinders
509513-509515	11:40 A.M.	3255	-	-	76°F	-	**Extra cylinders
509522-509524	2:38 P.M.	3158	-	-	81°F	-	**Extra cylinders
509525-509527	3:25 P.M.	3163	-	-	75°F	-	**Extra cylinders
509528-509530	3:29 P.M.	3131	-	-	75°F	-	**Extra cylinders
509531-509533	4:10 P.M.	3402	-	-	78°F	-	**Extra cylinders

COMPRESSION TEST

Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.	Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.
509501	02/23/22	7	70200	5590	4.00	12.56	5/U	509522	02/23/22	7	89040	7090	4.00	12.56	5/U
509502	03/16/22	28	89380	7080	4.00	12.56	4/U	509523	03/16/22	28	109180	8650	4.00	12.56	4/U
509503	Discard							509524	Discard						
509504	02/23/22	7	79060	6290	4.00	12.56	4/U	509525	02/23/22	7	49930	3970	4.00	12.56	5/U
509505	03/16/22	28	100730	7980	4.00	12.56	4/U	509526	03/16/22	28	97860	7750	4.00	12.56	4/U
509506	Discard							509527	Discard						
509507	02/23/22	7	83940	6680	4.00	12.56	5/U	509528	02/23/22	7	71490	5690	4.00	12.56	5/U
509508	03/16/22	28	104200	8250	4.00	12.56	4/U	509529	03/16/22	28	102150	8090	4.00	12.56	4/U
509509	Discard							509530	Discard						
509510	02/23/22	7	82840	6590	4.00	12.56	2/U	509531	02/23/22	7	70680	5630	4.00	12.56	4/U
509511	03/16/22	28	98450	7800	4.00	12.56	4/U	509532	03/16/22	28	105430	8350	4.00	12.56	4/U
509512	Discard							509533	Discard						
509513	02/23/22	7	66620	5300	4.00	12.56	5/U								
509514	03/16/22	28	88240	6990	4.00	12.56	4/U								
509515	Discard														

Placement Location(s): 310 East 86th Street

- Entire 1st floor slab.

Remarks:

*Truck #'s 3383 & 3113 exceeded the allowed overtime limit.
**Extra cylinders were requested by John Resci (super) from Hunter Roberts.



Note that the above results relate only to the items tested. This report shall not be reproduced, except in full, without the prior, written approval of Special Testing & Consulting, LLC.



Date: 03/23/2022 **File No.:** 190319.TRI **Page:** 1 of 2
Client: IGI E86, LLC
Project Name/Address: 306-314 East 86th Street, New York NY (New Building)
Contractor: Glenco Contracting
Concrete Supplier: US Concrete **Weather:** Clear, 42°F

CONCRETE MIX DESIGN							
Conc. Class:	Pump	PSI:	6,000 @ 28 days	No. Cu Yds.:	170	No. Loads:	17
	Dry Wts. Per CY.	Brand/Source	INSPECTOR(S) TIME				
Cement (lbs.)	495	Lehgh Type I/II	Field Inspector	ACI Number	Time In	Time Out	Hrs.
Slag (lbs.)	165	Lafarge New Gr 120	G. Poserio	00019922	7:00 A.M.	6:30 P.M.	11.5
Fine Aggregate (lbs.)	1520	Coram sand					
Coarse Agg. #1 (lbs.)	1675	Tilcon ¾" stone					
Water (gals.)	32.0	NYC Potable	Lab Technician		ACI Number		
Admix 1 (oz's)	37.0	Sika Viscocrete 2100	L. Padmore		01235295		
Admix 2 (oz's)	48.0	Sika Viscoflow 2020	R. Prieston		01341648		

☒ TR3 checked
 ☒ Batch tickets checked
 ☒ Curing box onsite

☒ TR3 checked☒ Batch tickets checked☒ Curing box onsiteAir Content Method per ☐ C173 or ☒ C231

Cylinder No.	Time of Test	Truck No.	Slump (In.)	Air (%)	Conc. Temp	Unit Wt.	Remarks
515581-515586	12:37 P.M.	3169	9.0	2.1	77°F	153.6	
515587-515592	2:08 P.M.	3189	8.75	2.7	78°F	150.1	

[illegible]

Note that the above results relate only to the items tested. This report shall not be reproduced, except in full, without the prior, written approval of Special Testing & Consulting, LLC.

Compression Test per ASTM C39
Field Tests per ASTM C143, C138, C1064

Lab Prep. for Cyl. Ends
G = Grinded as per ASTM C39
U = Unbonded caps as per ASTM C1231
B = Bonded caps as per ASTM C617

CONCRETE REPORT

Placement Location(s): 310 East 86th Street

- Slab at south portion of slab transfer beam and terrace level and staircase from cellar-1st floor.

Remarks:



Note that the above results relate only to the items tested. This report shall not be reproduced, except in full, without the prior, written approval of Special Testing & Consulting, LLC.

CONCRETE REPORT

Date: 03/29/2022 **File No.:** 190319.TRI **Page:** 1 of 1
Client: IGI E86, LLC
Project Name/Address: 306-314 East 86th Street, New York NY (New Building)
Contractor: Glenco Contracting
Concrete Supplier: US Concrete **Weather:** 32° F

MIX DESIGN - FIELD TEST - RESULTS

CONCRETE MIX DESIGN							
Conc. Class:	Pump	PSI:	6,000 @ 28 days	No. Cu Yds.:	130	No. Loads:	13
	Dry Wts. Per CY.	Brand/Source		INSPECTOR(S) TIME			
Cement (lbs.)	495	Lehigh Type I/II		Field Inspector	ACI Number	Time In	Time Out
Slag (lbs.)	165	Lafarge New Gr 120		G. Poserio	00019922	7:00 A.M.	4:00 P.M.
Fine Aggregate (lbs.)	1520	Coram sand					
Coarse Agg. #1 (lbs.)	1675	Tilcon ¾" stone					
Water (gals.)	32.0	NYC Potable		Lab Technician		ACI Number	
Admix 1 (oz's)	37.0	Sika Viscocrete 2100		L. Padmore		01235295	
Admix 2 (oz's)	48.0	Sika Viscosflow 2020		R. Prieston		01341648	

☒ TR3 checked
 ☒ Batch tickets checked
 ☒ Curling box onsite

FIELD TEST RESULTS							
Air Content Method per ☐ C173 or ☒ C231							
Cylinder No.	Time of Test	Truck No.	Slump (in.)	Air (%)	Conc. Temp	Unit Wt.	Remarks
515663-515668	12:43 P.M.	3337	9.0	1.9	75°F	151.8	
515669-515674	1:53 P.M.	3329	9.0	2.5	78°F	151.0	
515675-515680	2:19 P.M.	3316	8.75	3.0	77°F	149.5	

COMPRESSION TEST

Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.	Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.
515663	04/05/22	7	74940	5960	4.00	12.56	5/U	515675	04/05/22	7	75280	5990	4.00	12.56	5/U
515664	04/05/22	7	75300	5990	4.00	12.56	5/U	515676	04/05/22	7	75820	6030	4.00	12.56	5/U
515665	04/26/22	28	100790	8020	4.01	12.62	4/U	515677	04/26/22	28	108150	8610	4.01	12.62	4/U
515666	04/26/22	28	103680	8250	4.01	12.62	4/U	515678	04/26/22	28	108070	8600	4.01	12.62	4/U
515667	Discard							515679	Discard						
515668	Discard							515680	Discard						
515669	04/05/22	7	83850	6670	4.00	12.56	5/U								
515670	04/05/22	7	81690	6500	4.00	12.56	2/U								
515671	04/26/22	28	107490	8550	4.01	12.62	4/U								
515672	04/26/22	28	112060	8920	4.01	12.62	4/U								
515673	Discard														
515674	Discard														

Placement Location(s): 310 East 86th Street

- 3rd floor slab on south side.

Remarks:



Note that the above results relate only to the items tested. This report shall not be reproduced, except in full, without the prior, written approval of Special Testing & Consulting, LLC.

CONCRETE REPORT

Date: 04/01/2022 **File No.:** 190319.TRI **Page:** 1 of 1
Client: IGI E86, LLC
Project Name/Address: 306-314 East 86th Street, New York NY (New Building)
Contractor: Glenco Contracting
Concrete Supplier: US Concrete **Weather:** Cloudy, 54°F

MIX DESIGN - FIELD TEST - RESULTS

CONCRETE MIX DESIGN							
Conc. Class:	Pump	PSI:	6,000 @ 28 days	No. Cu Yds.:	147	No. Loads:	15
	Dry Wts. Per CY.	Brand/Source	INSPECTOR(S) TIME				
Cement (lbs.)	495	Lehigh Type I/II	Field Inspector	ACI Number	Time In	Time Out	Hrs.
Slag (lbs.)	165	Lafarge New Gr 120	G. Poserio	00019922	7:00 A.M.	6:00 P.M.	11.0
Fine Aggregate (lbs.)	1520	Coram sand					
Coarse Agg. #1 (lbs.)	1675	Tilcon ¾" stone					
Water (gals.)	32.0	NYC Potable	Lab Technician		ACI Number		
Admix 1 (oz's)	37.0	Sika Viscocrete 2100	L. Padmore		01235295		
Admix 2 (oz's)	48.0	Sika Viscosflow 2020	R. Preston		01341648		

☒ TR3 checked

☒ Batch tickets checked

☒ Curing box onsite

Air Content Method per ☐ C173 or ☒ C231

FIELD TEST RESULTS

Cylinder No.	Time of Test	Truck No.	Slump (in.)	Air (%)	Conc. Temp	Unit Wt.	Remarks
515863-515868	1:45 P.M.	3341	8.75	3.2	77°F	152.6*	*Lab unit wt.
515869-515874	2:40 P.M.	3335	9.5**	3.4	78°F	150.6*	*Lab unit wt., **High slump
515875-515880	4:20 P.M.	3335	8.5	2.1	75°F	149.1*	*Lab unit wt.

COMPRESSION TEST

Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.	Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.
515863	04/08/22	7	60090	4780	4.00	12.56	4/U	515875	04/08/22	7	70230	5590	4.00	12.56	5/U
515864	04/08/22	7	60900	4850	4.00	12.56	6/U	515876	04/08/22	7	72960	5810	4.00	12.56	5/U
515865	04/29/22	28	88610	7020	4.01	12.62	4/U	515877	04/29/22	28	101150	8010	4.01	12.62	4/U
515866	04/29/22	28	89940	7120	4.01	12.62	4/U	515878	04/29/22	28	106110	8400	4.01	12.62	4/U
515867	Discard							515879	Discard						
515868	Discard							515880	Discard						
515869	04/08/22	7	83040	6610	4.00	12.56	5/U								
515870	04/08/22	7	80580	6410	4.00	12.56	5/U								
515871	04/29/22	28	114900	9100	4.01	12.62	4/U								
515872	04/29/22	28	111910	8860	4.01	12.62	4/U								
515873	Discard														
515874	Discard														


Placement Location(s): 310 East 86th Street

- Entire 4th floor slab and staircase from 1st to 2nd floor.

Remarks:

- Hesham Kataria (concrete placement inspector) from WSP was informed of field test results.

*Revised placement location on 5/03/2022.

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CONCRETE REPORT

Date: 04/06/2022 **File No.:** 190319.TRI **Page:** 1 of 1
Client: IGI E86, LLC
Project Name/Address: 306-314 East 86th Street, New York NY (New Building)
Contractor: Glenco Contracting
Concrete Supplier: US Concrete **Weather:** Rain, 47° F

MIX DESIGN - FIELD TEST - RESULTS

CONCRETE MIX DESIGN							
Conc. Class:	Pump	PSI:	6,000 @ 28 days	No. Cu Yds.:	140	No. Loads:	14
	Dry Wts. Per CY.	Brand/Source		INSPECTOR(S) TIME			
Cement (lbs.)	495	Lehigh Type I/II		Field Inspector	ACI Number	Time In	Time Out
Slag (lbs.)	165	Lafarge New Gr 120		G. Poserlo	00019922	7:00 A.M.	5:30 P.M.
Fine Aggregate (lbs.)	1520	Coram sand					
Coarse Agg. #1 (lbs.)	1675	Tilcon ¾" stone					
Water (gals.)	32.0	NYC Potable		Lab Technician		ACI Number	
Admix 1 (oz's)	37.0	Sika Viscocrete 2100		L. Padmore		01235295	
Admix 2 (oz's)	48.0	Sika Viscosflow 2020		R. Prieston		01341648	

☒ TR3 checked

☒ Batch tickets checked

☒ Curling box onsite

Air Content Method per ☐ C173 or ☒ C231

FIELD TEST RESULTS

Cylinder No.	Time of Test	Truck No.	Slump (in.)	Air (%)	Conc. Temp	Unit Wt.	Remarks
515913-515918	12:55 P.M.	3240	8.75	2.0	75°F	150.0	
515919-515924	2:25 P.M.	3154	9.0	1.9	73°F	151.0	
515925-515930	3:45 P.M.	3144	8.5	2.1	71°F	150.8	

COMPRESSION TEST

Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.	Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.
515913	04/13/22	7	79000	6290	4.00	12.56	5/U	515925	04/13/22	7	66540	5300	4.00	12.56	5/U
515914	04/13/22	7	76470	6090	4.00	12.56	5/U	515926	04/13/22	7	66820	5320	4.00	12.56	5/U
515915	05/04/22	28	104700	8290	4.01	12.62	4/U	515927	05/04/22	28	85830	6800	4.01	12.62	4/U
515916	05/04/22	28	97620	7730	4.01	12.62	4/U	515928	05/04/22	28	84860	6720	4.01	12.62	4/U
515917	Discard							515929	Discard						
515918	Discard							515930	Discard						
515919	04/13/22	7	66160	5270	4.00	12.56	3/U								
515920	04/13/22	7	64610	5140	4.00	12.56	5/U								
515921	05/04/22	28	80050	6340	4.01	12.62	4/U								
515922	05/04/22	28	87240	6910	4.01	12.62	4/U								
515923	Discard														
515924	Discard														

Placement Location(s): 310 East 86th Street

- Entire 5th floor slab.
- All Link beams for 5th floor.
- Two staircases from 2nd to 3rd floor.

Remarks:



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CONCRETE REPORT

Date: 04/13/2022 **File No.:** 190319.TRI **Page:** 1 of 1
Client: IGI E86, LLC
Project Name/Address: 306-314 East 86th Street, New York NY (New Building)
Contractor: Glenco Contracting
Concrete Supplier: US Concrete **Weather:** Sunny, 60° F

MIX DESIGN - FIELD TEST - RESULTS

CONCRETE MIX DESIGN							
Conc. Class:	Pump	PSI:	6,000 @ 28 days	No. Cu Yds.:	141	No. Loads:	13
	Dry Wts. Per CY.	Brand/Source		INSPECTOR(S) TIME			
Cement (lbs.)	495	Lehigh Type I/II		Field Inspector	ACI Number	Time In	Time Out
Slag (lbs.)	165	Lafarge New Gr 120		G. Poserio	00019922	7:00 A.M.	3:30 P.M.
Fine Aggregate (lbs.)	1520	Coram sand					
Coarse Agg. #1 (lbs.)	1675	Tilcon ¾" stone					
Water (gals.)	32.0	NYC Potable		Lab Technician		ACI Number	
Admix 1 (oz's)	37.0	Sika Vlscocrete 2100		L. Padmore		01235295	
Admix 2 (oz's)	48.0	Sika Vlscoflow 2020		R. Prieston		01341648	

☒ TR3 checked

☒ Batch tickets checked

☒ Curing box onsite

Air Content Method per ☐ C173 or ☒ C231							
FIELD TEST RESULTS							
Cylinder No.	Time of Test	Truck No.	Slump (in.)	Air (%)	Conc. Temp	Unit Wt.	Remarks
551163-551168	11:01 A.M.	3352	8.5	2.8	74°F	151.7	
551169-551174	12:19 P.M.	3316	9.0	3.0	75°F	150.0	
551175-551180	1:55 P.M.	3317	8.5	2.7	77°F	151.8	

COMPRESSION TEST

Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.	Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.
551163	04/20/22	7	78120	6220	4.00	12.56	5/U	551175	04/20/22	7	88290	7030	4.00	12.56	5/U
551164	04/20/22	7	84120	6690	4.00	12.56	4/U	551176	04/20/22	7	89330	7110	4.00	12.56	5/U
551165	05/11/22	28	91710	7260	4.01	12.62	4/U	551177	05/11/22	28	101060	8000	4.01	12.62	4/U
551166	05/11/22	28	89910	7120	4.01	12.62	4/U	551178	05/11/22	28	99110	7850	4.01	12.62	4/U
551167	Discard							551179	Discard						
551168	Discard							551180	Discard						
551169	04/20/22	7	89150	7090	4.00	12.56	3/U								
551170	04/20/22	7	84680	6740	4.00	12.56	5/U								
551171	05/11/22	28	99100	7850	4.01	12.62	4/U								
551172	05/11/22	28	103920	8230	4.01	12.62	4/U								
551173	Discard														
551174	Discard														

Placement Location(s): 310 East 86th Street

- Entire 6th floor slab.
- All beams.
- Staircase A & B from 3rd to 4th floor.

Remarks:



Note that the above results relate only to the items tested. This report shall not be reproduced, except in full, without the prior, written approval of Special Testing & Consulting, LLC.

CONCRETE REPORT

Date: 04/18/2022 **File No.:** 190319.TRI **Page:** 1 of 2
Client: IGI E86, LLC
Project Name/Address: 306-314 East 86th Street, New York NY (New Building)
Contractor: Glenco Contracting
Concrete Supplier: US Concrete **Weather:** Clear, 45°F

MIX DESIGN - FIELD TEST - RESULTS

CONCRETE MIX DESIGN							
Conc. Class:	Pump	PSI:	6,000 @ 28 days	No. Cu Yds.:	143	No. Loads:	13
	Dry Wts. Per CY.	Brand/Source	INSPECTOR(S) TIME				
Cement (lbs.)	495	Lehigh Type I/II	Field Inspector	ACI Number	Time In	Time Out	Hrs.
Slag (lbs.)	165	Lafarge New Gr 120	G. Poserio	00019922	7:00 A.M.	5:00 P.M.	10.0
Fine Aggregate (lbs.)	1520	Coram sand					
Coarse Agg. #1 (lbs.)	1675	Tilcon ¾" stone					
Water (gals.)	32.0	NYC Potable	Lab Technician		ACI Number		
Admix 1 (oz's)	37.0	Sika Vlsocrete 2100	L. Padmore		01235295		
Admix 2 (oz's)	48.0	Sika Vlscoflow 2020	MD Hossain		01327313		

☒ TR3 checked ☒ Batch tickets checked ☒ Curling box onsite

Air Content Method per ☐ C173 or ☒ C231							
FIELD TEST RESULTS							
Cylinder No.	Time of Test	Truck No.	Slump (in.)	Air (%)	Conc. Temp	Unit Wt.	Remarks
551267-551272	12:55 P.M.	3353	8.5	1.2	70°F	153.1	
551273-551278	1:17 P.M.	3436	-	-	78°F	-	*Extra cylinders
551279-551284	1:50 P.M.	3316	-	-	75°F	-	*Extra cylinders
551285-551290	2:05 P.M.	3313	10.0	3.4	72°F	149.5	*Extra cylinders

COMPRESSION TEST

Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.	Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.
551267	04/25/22	7	96450	7680	4.00	12.56	5/U	551279	04/25/22	7	68270	5430	4.00	12.56	4/U
551268	04/25/22	7	105180	8370	4.00	12.56	5/U	551280	04/25/22	7	70360	5600	4.00	12.56	5/U
551269	05/16/22	28	119910	9540	4.00	12.56	4/U	551281	05/16/22	28	91630	7290	4.00	12.56	4/U
551270	05/16/22	28	117060	9320	4.00	12.56	4/U	551282	05/16/22	28	91780	7300	4.00	12.56	4/U
551271	Discard							551283	Discard						
551272	Discard							551284	Discard						
551273	04/25/22	7	67120	5340	4.00	12.56	2/U	551285	04/25/22	7	61160	4870	4.00	12.56	5/U
551274	04/25/22	7	61680	4910	4.00	12.56	5/U	551286	04/25/22	7	59150	4710	4.00	12.56	4/U
551275	05/16/22	28	89360	7110	4.00	12.56	4/U	551287	05/16/22	28	88190	7020	4.00	12.56	5/U
551276	05/16/22	28	88200	7020	4.00	12.56	4/U	551288	05/16/22	28	87980	7000	4.00	12.56	2/U
551277	Discard							551289	Discard						
551278	Discard							551290	Discard						

Placement Location(s): 310 East 86th Street

- Entire 7th floor slab.
- Staircase from 4th floor supporting the

Remarks: Truck #'s 3436, 3316 & 3319 exceeded the allowed overtime limit. Jose Barsallo from WSP and Tyler Adwar (super) from Hunter Robert was notified. *Extra cylinders were taken.

Note that the above results relate only to the items tested. This report shall not be reproduced, except in full, without the prior, written approval of Special Testing & Consulting, LLC.

CONCRETE REPORT

CONCRETE REPORT

Date: 04/21/2022 **File No.:** 190319.TRI **Page:** 1 of 1
Client: IGI E86, LLC
Project Name/Address: 306-314 East 86th Street, New York NY (New Building)
Contractor: Glenco Contracting
Concrete Supplier: US Concrete **Weather:** Sunny, 45°F

MIX DESIGN - FIELD TEST - RESULTS

CONCRETE MIX DESIGN							
Conc. Class:	Pump	PSI:	6,000 @ 28 days	No. Cu Yds.:	140	No. Loads:	14
	Dry Wts. Per CY.	Brand/Source		INSPECTOR(S) TIME			
Cement (lbs.)	495	Lehigh Type I/II		Field Inspector	ACI Number	Time In	Time Out
Slag (lbs.)	165	Lafarge New Gr 120		G. Poserio	00019922	7:00 A.M.	4:30 P.M.
Fine Aggregate (lbs.)	1520	Coram sand					
Coarse Agg. #1 (lbs.)	1675	Tilcon ¾" stone					
Water (gals.)	32.0	NYC Potable		Lab Technician		ACI Number	
Admix 1 (oz's)	37.0	Silka Viscocrete 2100		L. Padmore		01235295	
Admix 2 (oz's)	48.0	Silka Viscoflow 2020		MD Hossain		01327313	

☒ TR3 checked ☒ Batch tickets checked ☒ Curling box onsite

Air Content Method per ☐ C173 or ☒ C231		FIELD TEST RESULTS					
Cylinder No.	Time of Test	Truck No.	Slump (in.)	Air (%)	Conc. Temp	Unit Wt.	Remarks
509881-509886	12:31 P.M.	3360	8.0	2.8	66°F	150.7	
509887-509892	2:09 P.M.	3389	8.5	3.2	65°F	149.8	
509893-509898	3:45 P.M.	3256	9.0	3.1	68°F	150.0	

COMPRESSION TEST

Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.	Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.
509881	04/28/22	7	57690	4590	4.00	12.56	5/U	509893	04/28/22	7	51210	4080	4.00	12.56	3/U
509882	04/28/22	7	61860	4920	4.00	12.56	5/U	509894	04/28/22	7	54910	4370	4.00	12.56	5/U
509883	05/19/22	28	82930	6600	4.00	12.56	4/U	509895	05/19/22	28	82800	6590	4.00	12.56	4/U
509884	05/19/22	28	88610	7050	4.00	12.56	4/U	509896	05/19/22	28	88110	7010	4.00	12.56	5/U
509885	Discard							509897	Discard						
509886	Discard							509898	Discard						
509887	04/28/22	7	70660	5620	4.00	12.56	5/U								
509888	04/28/22	7	71880	5720	4.00	12.56	4/U								
509889	05/19/22	28	97330	7750	4.00	12.56	4/U								
509890	05/19/22	28	97900	7790	4.00	12.56	5/U								
509891	Discard														
509892	Discard														



Placement Location(s): 310 East 86th Street

- Entire 8th floor slab.
- Staircase A&B from 5th to 6th floor.

Remarks:

- Cyl. No.'s 509893-509898 were kept outside of the already full curing box.

Note that the above results relate only to the items tested. This report shall not be reproduced, except in full, without the prior, written approval of Special Testing & Consulting, LLC.

CONCRETE REPORT

Date: 04/27/2022 **File No.:** 190319.TRI **Page:** 1 of 1
Client: IGI E86, LLC
Project Name/Address: 306-314 East 86th Street, New York NY (New Building)
Contractor: Glenco Contracting
Concrete Supplier: US Concrete **Weather:** Sunny, 60°F

MIX DESIGN - FIELD TEST - RESULTS

CONCRETE MIX DESIGN							
Conc. Class:	Pump	PSI:	6,000 @ 28 days	No. Cu Yds.:	147	No. Loads:	13
	Dry Wts. Per CY.	Brand/Source		INSPECTOR(S) TIME			
Cement (lbs.)	495	Lehigh Type I/II		Field Inspector	ACI Number	Time In	Time Out
Slag (lbs.)	165	Lafarge New Gr 120		G. Poserlo	00019922	7:00 A.M.	6:00 P.M.
Fine Aggregate (lbs.)	1520	Coram sand					
Coarse Agg. #1 (lbs.)	1675	Tilcon ¾" stone					
Water (gals.)	32.0	NYC Potable		Lab Technician		ACI Number	
Admix 1 (oz's)	37.0	Sika Viscocrete 2100		L. Padmore		01235295	
Admix 2 (oz's)	48.0	Sika Viscoflow 2020		MD Hossain		01327313	

☒ TR3 checked ☒ Batch tickets checked ☒ Curling box onsite

Air Content Method per ☐ C173 or ☒ C231

FIELD TEST RESULTS

Cylinder No.	Time of Test	Truck No.	Slump (in.)	Air (%)	Conc. Temp	Unit Wt.	Remarks
551313-551318	12:50 P.M.	3317	9.0	2.9	65°F	-	*Lab unit wt.
551319-551324	2:14 P.M.	3352	8.75	2.7	66°F	-	
551325-551330	3:20 P.M.	3340	8.5	2.7	68°F	-	

COMPRESSION TEST

Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.	Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.
551313	05/04/22	7	87510	6960	4.00	12.56	5/U	551325	05/04/22	7	79970	6360	4.00	12.56	5/U
551314	05/04/22	7	80360	6400	4.00	12.56	2/U	551326	05/04/22	7	77090	6140	4.00	12.56	5/U
551315	05/25/22	28	110640	8800	4.00	12.56	4/U	551327	05/25/22	28	100540	8000	4.00	12.56	2/U
551316	05/25/22	28	108310	8620	4.00	12.56	4/U	551328	05/25/22	28	100430	7990	4.00	12.56	4/U
551317	Discard							551329	Discard						
551318	Discard							551330	Discard						
551319	05/04/22	7	70330	5600	4.00	12.56	5/U								
551320	05/04/22	7	68930	5490	4.00	12.56	5/U								
551321	05/25/22	28	100680	8010	4.00	12.56	4/U								
551322	05/25/22	28	95550	7600	4.00	12.56	5/U								
551323	Discard														
551324	Discard														



Placement Location(s): 310 East 86th Street

- Entire 9th floor slab, staircase from 6th to 7th floor and beams at 9th floor.

Remarks:

- Contractor ordered 154 yards, only 147 were used. No extra set.

Note that the above results relate only to the items tested. This report shall not be reproduced, except in full, without the prior, written approval of Special Testing & Consulting, LLC.

CONCRETE REPORT

Date: 05/02/2022 **File No.:** 190319.TRI **Page:** 1 of 1
Client: IGI E86, LLC
Project Name/Address: 306-314 East 86th Street, New York NY (New Building)
Contractor: Glenco Contracting
Concrete Supplier: US Concrete **Weather:** Cloudy, 53° F

MIX DESIGN - FIELD TEST - RESULTS

CONCRETE MIX DESIGN							
Conc. Class:	Pump	PSI:	6,000 @ 28 days	No. Cu Yds.:	157	No. Loads:	16
	Dry Wts. Per CY.	Brand/Source		INSPECTOR(S) TIME			
Cement (lbs.)	495	Lehigh Type I/II		Field Inspector	ACI Number	Time In	Time Out
Slag (lbs.)	165	Lafarge New Gr 120		C. Plata	01399213	7:00 A.M.	7:30 P.M.
Fine Aggregate (lbs.)	1520	Coram sand					
Coarse Agg. #1 (lbs.)	1675	Tilcon ¾" stone					
Water (gals.)	32.0	NYC Potable		Lab Technician		ACI Number	
Admix 1 (oz's)	37.0	Sika Viscocrete 2100		L. Padmore		01235295	
Admix 2 (oz's)	48.0	Sika Viscoflow 2020		MD Hossain		01327313	

☒ TR3 checked
 ☒ Batch tickets checked
 ☒ Curing box onsite

FIELD TEST RESULTS							
Cylinder No.	Time of Test	Truck No.	Slump (in.)	Air (%)	Conc. Temp	Unit Wt.	Remarks
553310-553315	1:45 P.M.	3389	8.0	3.5	64°F	148.8	
553316-553321	3:05 P.M.	3198	8.75	2.7	62°F	149.4	
553322-553327	4:41 P.M.	3368	8.5	2.9	63°F	149.0	
553328-553333	6:10 P.M.	3245	9.0	2.6	65°F	148.6	

COMPRESSION TEST

Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.	Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.
553310	05/09/22	7	83960	6680	4.00	12.56	5/U	553322	05/09/22	7	65190	5190	4.00	12.56	4/U
553311	05/09/22	7	83600	6650	4.00	12.56	5/U	553323	05/09/22	7	66550	5300	4.00	12.56	5/U
553312	05/31/22	29	99770	7940	4.00	12.56	4/U	553324	05/31/22	29	85940	6840	4.00	12.56	4/U
553313	05/31/22	29	100770	8020	4.00	12.56	2/U	553325	05/31/22	29	81330	6470	4.00	12.56	4/U
553314	Discard							553326	Discard						
553315	Discard							553327	Discard						
553316	05/09/22	7	63340	5040	4.00	12.56	5/U	553328	05/09/22	7	70170	5580	4.00	12.56	5/G
553317	05/09/22	7	63270	5040	4.00	12.56	5/U	553329	05/09/22	7	68850	5480	4.00	12.56	5/G
553318	05/31/22	29	81530	6490	4.00	12.56	5/U	553330	05/31/22	29	88390	7030	4.00	12.56	5/G
553319	05/31/22	29	79660	6340	4.00	12.56	4/U	553331	05/31/22	29	79660	6340	4.00	12.56	4/G
553320	Discard							553332	Discard						
553321	Discard							553333	Discard						

Placement Location(s):

- 10th floor slab.
- Stair between 8th & 9th floor.

Remarks:

- Curing box on site is not working.

Note that the above results relate only to the items tested. This report shall not be reproduced, except in full, without the prior, written approval of Special Testing & Consulting, LLC.



CONCRETE REPORT

Date: 05/09/2022 **File No.:** 190319.TRI **Page:** 1 of 1
Client: IGI E86, LLC
Project Name/Address: 306-314 East 86th Street, New York NY (New Building)
Contractor: Glenco Contracting
Concrete Supplier: US Concrete **Weather:** 64°F

MIX DESIGN - FIELD TEST - RESULTS

CONCRETE MIX DESIGN							
Conc. Class:	Pump	PSI:	6,000 @ 28 days	No. Cu Yds.:	140	No. Loads:	14
	Dry Wts. Per CY.	Brand/Source		INSPECTOR(S) TIME			
Cement (lbs.)	495	Lehigh Type I/II		Field Inspector	ACI Number	Time In	Time Out
Slag (lbs.)	165	Lafarge New Gr 120		M. Leader	01308248	7:00 A.M.	3:30 P.M.
Fine Aggregate (lbs.)	1520	Coram sand					
Coarse Agg. #1 (lbs.)	1675	Tilcon ¾" stone					
Water (gals.)	32.0	NYC Potable		Lab Technician		ACI Number	
Admix 1 (oz's)	37.0	Sika Viscocrete 2100		L. Padmore		01235295	
Admix 2 (oz's)	48.0	Sika Viscoflow 2020					

☒ TR3 checked
 ☒ Batch tickets checked
 ☒ Curing box onsite

FIELD TEST RESULTS							
Cylinder No.	Time of Test	Truck No.	Slump (in.)	Air (%)	Conc. Temp	Unit Wt.	Remarks
11113-11118	12:00 P.M.	3373	8.0	1.8	65°F	152.6	
11119-11124	1:30 P.M.	3810	8.0	2.0	65°F	152.4	
11125-11130	3:00 P.M.	3245	7.75	2.2	63°F	152.0	

COMPRESSION TEST

Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.	Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.
11113	05/16/22	7	89150	7090	4.00	12.56	4/U	11125	05/16/22	7	87460	6960	4.00	12.56	5/U
11114	05/16/22	7	84520	6730	4.00	12.56	4/U	11126	05/16/22	7	89630	7090	4.00	12.56	2/U
11115	06/06/22	28	102320	8140	4.00	12.56	2/U	11127	06/06/22	28	104860	8350	4.00	12.56	2/U
11116	06/06/22	28	103050	8200	4.00	12.56	3/U	11128	06/06/22	28	108050	8600	4.00	12.56	3/U
11117	Discard							11129	Discard						
11118	Discard							11130	Discard						
11119	05/16/22	7	88260	7020	4.00	12.56	5/U								
11120	05/16/22	7	88680	7060	4.00	12.56	5/U								
11121	06/06/22	28	100620	8010	4.00	12.56	2/U								
11122	06/06/22	28	99760	7940	4.00	12.56	5/U								
11123	Discard														
11124	Discard														

Placement Location(s):

- Entire 11th floor slab including all beams for 12th floor and stairs from 8th to 9th floor.

Remarks:



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CONCRETE REPORT

Date: 05/12/2022 **File No.:** 190319.TRI **Page:** 1 of 1
Client: IGI E86, LLC
Project Name/Address: 306-314 East 86th Street, New York NY (New Building)
Contractor: Glenco Contracting
Concrete Supplier: US Concrete **Weather:** 70° F

MIX DESIGN - FIELD TEST - RESULTS

CONCRETE MIX DESIGN							
Conc. Class:	Pump	PSI:	6,000 @ 28 days	No. Cu Yds.:	151	No. Loads:	14
	Dry Wts. Per CY.	Brand/Source		INSPECTOR(S) TIME			
Cement (lbs.)	495	Lehigh Type I/II		Field Inspector	ACI Number	Time In	Time Out
Slag (lbs.)	165	Lafarge New Gr 120		R. Daral	01107261	7:00 A.M.	6:00 P.M.
Fine Aggregate (lbs.)	1520	Coram sand					
Coarse Agg. #1 (lbs.)	1675	Tilcon ¾" stone					
Water (gals.)	32.0	NYC Potable		Lab Technician		ACI Number	
Admix 1 (oz's)	37.0	Silka Viscocrete 2100		L. Padmore		01235295	
Admix 2 (oz's)	48.0	Silka Viscoflow 2020					

☒ TR3 checked
 ☒ Batch tickets checked
 ☒ Curing box onsite

FIELD TEST RESULTS							
Air Content Method per ☐ C173 or ☒ C231							
Cylinder No.	Time of Test	Truck No.	Slump (in.)	Air (%)	Conc. Temp	Unit Wt.	Remarks
508313-508318	11:50 P.M.	3382	8.5	6.2	70°F	158.4	
508319-508324	1:08 P.M.	3385	7.5	6.0	70°F	159.0	
508325-508330	3:20 P.M.	3378	8.5	6.2	70°F	158.8	

COMPRESSION TEST

Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.	Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.
508313	05/19/22	7	79490	6330	4.00	12.56	5/U	508325	05/19/22	7	85540	6810	4.00	12.56	5/U
508314	05/19/22	7	72860	5800	4.00	12.56	5/U	508326	05/19/22	7	79980	6360	4.00	12.56	5/U
508315	06/09/22	28	96910	7710	4.00	12.56	3/U	508327	06/09/22	28	103430	8230	4.00	12.56	5/U
508316	06/09/22	28	96510	7680	4.00	12.56	5/U	508328	06/09/22	28	103380	8230	4.00	12.56	5/U
508317	Discard							508329	Discard						
508318	Discard							508330	Discard						
508319	05/19/22	7	78720	6260	4.00	12.56	4/U								
508320	05/19/22	7	87000	6920	4.00	12.56	5/U								
508321	06/09/22	28	112470	8950	4.00	12.56	3/U								
508322	06/09/22	28	112380	8940	4.00	12.56	5/U								
508323	Discard														
508324	Discard														

Placement Location(s):

- 12th floor slab including all beams, stairs from 9th to 10th floor and curb 8x15 at north of 4th floor.

Remarks:



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CONCRETE REPORT

Date: 05/20/2022 **File No.:** 190319.TRI **Page:** 1 of 1
Client: IGI E86, LLC
Project Name/Address: 306-314 East 86th Street, New York NY (New Building)
Contractor: Glenco Contracting
Concrete Supplier: US Concrete **Weather:** Cloudy, 63°F

MIX DESIGN - FIELD TEST - RESULTS

CONCRETE MIX DESIGN							
Conc. Class:	Pump	PSI:	6,000 @ 28 days	No. Cu Yds.:	148	No. Loads:	14
	Dry Wts. Per CY.	Brand/Source		INSPECTOR(S) TIME			
Cement (lbs.)	495	Lehigh Type I/II		Field Inspector	ACI Number	Time In	Time Out
Slag (lbs.)	165	Lafarge New Gr 120		G. Poserio	00019922	9:00 A.M.	3:00 P.M.
Fine Aggregate (lbs.)	1520	Coram sand					
Coarse Agg. #1 (lbs.)	1675	Tilcon ¾" stone					
Water (gals.)	32.0	NYC Potable		Lab Technician		ACI Number	
Admix 1 (oz's)	37.0	Sika Viscocrete 2100		MD Hossain		01327313	
Admix 2 (oz's)	48.0	Sika Viscoflow 2020		L. Padmore		01235295	

☒ TR3 checked
 ☒ Batch tickets checked
 ☒ Curing box onsite

FIELD TEST RESULTS							
Air Content Method per ☐ C173 or ☒ C231							
Cylinder No.	Time of Test	Truck No.	Slump (in.)	Air (%)	Conc. Temp	Unit Wt.	Remarks
551413-551418	10:59 A.M.	3333	8.25	3.0	70°F	149.8	
551419-551424	12:03 P.M.	3339	8.75	3.0	74°F	150.0	
551425-551430	1:20 P.M.	3316	8.5	2.8	72°F	149.8	

COMPRESSION TEST

Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.	Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.
551413	05/27/22	7	81550	6490	4.00	12.56	5/U	551425	05/27/22	7	76760	6110	4.00	12.56	4/U
551414	05/27/22	7	74940	5960	4.00	12.56	5/U	551426	05/27/22	7	77110	6140	4.00	12.56	5/U
551415	06/17/22	28	108840	8660	4.00	12.56	5/U	551427	06/17/22	28	105350	8380	4.00	12.56	5/U
551416	06/17/22	28	110500	8790	4.00	12.56	3/U	551428	06/17/22	28	100450	7990	4.00	12.56	5/U
551417	Discard							551429	Discard						
551418	Discard							551430	Discard						
551419	05/27/22	7	81860	6510	4.00	12.56	2/U								
551420	05/27/22	7	75680	6020	4.00	12.56	4/U								
551421	06/17/22	28	106540	8480	4.00	12.56	2/U								
551422	06/17/22	28	102440	8150	4.00	12.56	5/U								
551423	Discard														
551424	Discard														



Placement Location(s):

- Entire 14th floor slab, all beams on 13th floor and staircase from 11th to 12th floor.

Remarks:

Note that the above results relate only to the items tested. This report shall not be reproduced, except in full, without the prior, written approval of Special Testing & Consulting, LLC.

CONCRETE REPORT

Date: 05/16/2022 **File No.:** 190319.TRI **Page:** 1 of 1
Client: IGI E86, LLC
Project Name/Address: 306-314 East 86th Street, New York NY (New Building)
Contractor: Glenco Contracting
Concrete Supplier: US Concrete **Weather:** Cloudy, 59° F

MIX DESIGN - FIELD TEST - RESULTS

CONCRETE MIX DESIGN							
Conc. Class:	Pump	PSI:	6,000 @ 28 days	No. Cu Yds.:	148	No. Loads:	14
	Dry Wts. Per CY.	Brand/Source		INSPECTOR(S) TIME			
Cement (lbs.)	495	Lehigh Type I/II		Field Inspector	ACI Number	Time In	Time Out
Slag (lbs.)	165	Lafarge New Gr 120		G. Poserio	00019922	7:00 A.M.	6:30 P.M.
Fine Aggregate (lbs.)	1520	Coram sand					
Coarse Agg. #1 (lbs.)	1675	Tilcon ¾" stone					
Water (gals.)	32.0	NYC Potable		Lab Technician		ACI Number	
Admix 1 (oz's)	37.0	Sika Viscocrete 2100		L. Padmore		01235295	
Admix 2 (oz's)	48.0	Sika Viscoflow 2020		MD Hossain		01327313	

☒ TR3 checked

☒ Batch tickets checked

☒ Curling box onsite

Air Content Method per ☐ C173 or ☒ C231

FIELD TEST RESULTS

Cylinder No.	Time of Test	Truck No.	Slump (in.)	Air (%)	Conc. Temp	Unit Wt.	Remarks
551363-551368	1:18 P.M.	3386	8.5	2.4	72°F	152.0	
551369-551374	2:18 P.M.	3378	8.75	3.0	74°F	151.8	
551375-551380	4:19 P.M.	3382	9.0	2.0	73°F	152.0	

COMPRESSION TEST

Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.	Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.
551363	05/23/22	7	76540	6090	4.00	12.56	5/U	551375	05/23/22	7	66310	5280	4.00	12.56	5/U
551364	05/23/22	7	75650	6020	4.00	12.56	5/U	551376	05/23/22	7	65260	5190	4.00	12.56	4/U
551365	06/13/22	28	88450	7040	4.00	12.56	4/U	551377	06/13/22	28	82660	6580	4.00	12.56	4/U
551366	06/13/22	28	82800	6590	4.00	12.56	2/U	551378	06/13/22	28	86930	6920	4.00	12.56	4/U
551367	Discard							551379	Discard						
551368	Discard							551380	Discard						
551369	05/23/22	7	76240	6070	4.00	12.56	5/U								
551370	05/23/22	7	75550	6010	4.00	12.56	5/U								
551371	06/13/22	28	92750	7380	4.00	12.56	4/U								
551372	06/13/22	28	88060	7010	4.00	12.56	2/U								
551373	Discard														
551374	Discard														

Placement Location(s):

- Entire 13th floor slab, all beams on 13th floor and staircase from 10th to 11th floor.

Remarks:



Note that the above results relate only to the items tested. This report shall not be reproduced, except in full, without the prior, written approval of Special Testing & Consulting, LLC.



TR2: Technical Report
Concrete Sampling and Testing
Must be typewritten.

121204892

✓ Orient and affix BIS
job number label here

Sheet number 1

Application # 121204892

1 Location Information *Required for all applications.*

House No(s) 310 Street Name East 86th Street

Borough Manhattan Block 1548 Lot 146 BIN 1050023 CB No. 108

Work on Floor(s) CEL, 1-20, ROF Apt/Condo No(s)

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

Director Last Name Setteducate Director First Name Sebastian Director Middle Initial

Business Name Special Testing & Consulting, LLC Business Telephone (631) 755-1112

Business Address 144 Toledo Street Business Fax (631) 755-1117

City Farmingdale State New York Zip 11735 Mobile Telephone

E-Mail ssette@special-testing.com

Director's Lic. Number 65563 ☒ P.E. ☐ R.A. Concrete Testing Lab Lic. Number 68

3 Licensed Concrete Testing Laboratory's Identification of Responsibilities *Required prior to Permit.*

Check all that apply below:

I certify that I am the director of the licensed concrete testing laboratory accepting responsibility for conducting the testing in accordance with BC 1905.6 and BC 1704.1. I further certify that I have read the applicable sections of the New York City Construction Codes in connection with the resting of concrete and licensed concrete testing laboratories as well as 1 RCNY §5-02 and 1 RCNY §101-07(c)(6), which specifies the qualifications and duties required of a licensed concrete testing laboratory and that this licensed testing laboratory meets those qualifications for the work which I take responsibility. I agree that both I and the licensed concrete testing laboratory will comply with all provisions of the New York City Construction Codes as well as 1 RCNY §5-02 and 1 RCNY §101-07(c)(6). I am aware of the additional sanctions imposed on false filings by §28-211.1.2 of the Administrative Code.

Change of Applicant: I am a newly designated individual responsible for the testing specified herein and I hereby state that:

- ☐ None of the tests indicated herein have been performed to date by the previously designated individual.
- ☐ Some of the tests indicated herein have been performed by the previously designated individual, as indicated in the attached report.

Name (please print)

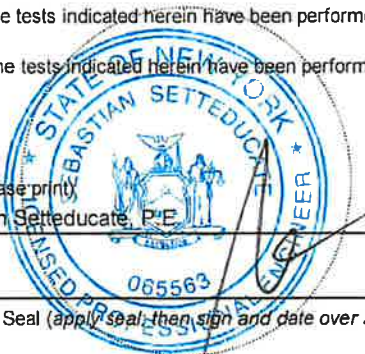
Sebastian Setteducate, P.E.

Signature

Date

07/26/23

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



4 Design Applicant's Statement and Signature *P.E./R.A. Required prior to Permit.*

- ☐ I certify that the licensed concrete testing laboratory specified in section 2 above and engaged by the owner to perform tests on the work at the location specified in section 1 above is acceptable. (BC 1704.1)

Name (please print)

Signature

Date

P.E. / R.A. Seal (*apply seal, then sign and date over seal*)**5 Building Owner's Statement and Signature** *Required prior to Permit.*

I certify that I have employed the licensed concrete testing laboratory specified in section 2 above in accordance with BC 1704.1. 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)

Title

Signature

Date

STOP HERE PRIOR TO PERMIT

6 Test Report Required prior to Sign-off. Use supplemental pages as needed. Attach Original Lab Test Reports

Specified Concrete Str. (f' c): 7000

PSI 540 Cement

Required Test Age (days): 28

			Sampling:						
Test Report Number	Date of Placement	Cylinder I.D.	Slump	Air Content	Temperature	Weight	Placement Location	Total Placement	Breaking Strength
			in	%	°F	lbs/ft ³		yd ³	PSI
02/14/22	02/14/22	506716	8.50	3.2	68	150.8	C/m/ sh wl	50	11830
		506717							11280
		506718							11000
		506723	8.50	3.0	70	150.1			11590
		506724							11220
		506726	-	-	-	-			11680
		506727							11580
02/16/22	02/16/22	509453	7.75	3.3	78	149.2	C/m/beam	30	9050
		509454							9290
		509517	6.50	2.2	80	148.1			7680
		509459	-	-	80	-			7310
		509460							7710
03/23/22	03/23/22	515571	7.00	2.7	81	147.9	Columns	60	6740
		515572							6560
		515577	8.75	1.9	79	151.2			8230
		515578							7740
03/24/22	03/24/22	515603	7.50	3.4	80	149.2	Columns	60	8630
		515604							9190
		515609	8.00	3.3	82	149.6			7470
		515610							7740
03/29/22	03/29/22	515653	7.00	2.9	81	149.2	C/m/wl/bms	100	10230
		515654							10640
		515659	7.25	3.1	79	150.2			9480
		515660							9440
NOT	USED								

Licensed Concrete Lab Director Name (please print)

Sebastian Setteducate, P.E.

Signature

Date

07/26/23

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

6 Test Report Required prior to Sign-off. Use supplemental pages as needed. Attach Original Lab Test Reports

Specified Concrete Str. (f' c): 7000

PSI 540 Cement

Required Test Age (days): 28

			Sampling:						
Test Report Number	Date of Placement	Cylinder I.D.	Slump	Air Content	Temperature	Weight	Placement Location	Total Placement	Breaking Strength
			in	%	*F	lbs/ft ³		yd ³	PSI
04/01/22	04/01/22	515853	9.00	2.9	76	151.2	C/m/sh wall	100	10260
		515854							10140
		515859	9.50	2.1	77	152.3			9550
		515860							9890
04/06/22	04/06/22	515903	7.50	2.1	73	150.0	C/m/sh wall	100	8860
		515904							8780
		515909	9.00	2.0	78	150.6			7930
		515910							8540
04/13/22	04/13/22	551153	7.75	3.0	74	150.4	C/m/sh wall	90	9890
		551154							10290
		551159	9.00	2.8	72	151.4			7510
		551160							7320
04/18/22	04/18/22	551257	9.00	2.7	67	151.2	C/m/sh wall	90	9330
		551258							9410
		551263	8.50	3.2	65	150.2			9300
		551264							9430
04/21/22	04/21/22	509853	7.50	3.1	65	150.0	C/m/sh wall	90	7590
		509854							8220
		509859	-	-	-	-			8180
		809860							7280
		509865	-	-	-	-			8520
		509866							8540
		509871	9.00	2.7	67	150.9			9030
		509872							8980
NOT	USED								

Licensed Concrete Lab Director Name (please print)

Sebastian Setteducate, P.E.

Signature

Date

07/26/23

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

6 Test Report Required prior to Sign-off. Use supplemental pages as needed. Attach Original Lab Test Reports

Specified Concrete Str. (f' c): 7000

PSI 540 Cement

Required Test Age (days): 28

			Sampling:						
Test Report Number	Date of Placement	Cylinder I.D.	Slump	Air Content	Temperature	Weight	Placement Location	Total Placement	Breaking Strength
			in	%	°F	lbs/ft ³		yd ³	PSI
04/21/22	04/21/22	509877	-	-	-	-	C/m/sh wall	90	7190
		509878							7320
04/27/22	04/27/22	551303	8.50	3.2	67	151.5	C/m/sh wall	88	9330
		551304							9070
		551309	9.00	3.0	65	142.9			9380
		551310							9320
05/02/22	05/02/22	553300	8.25	3.6	61	149.6	C/m/sh wall	80	8490
		553301							8390
		553306	8.50	3.5	64	149.2			7840
		553307							8210
05/09/22	05/09/22	11103	8.50	2.0	65	152.4	C/m/sh wall	90	8540
		11104							7930
		11109	9.00	1.5	64	153.0			8100
		11110							8000
05/12/22	05/12/22	508303	7.50	2.4	70	156.2	C/m/sh wl	88	9570
		508304							9130
		508309	8.00	2.4	70	154.4			8780
		508310							8940
05/16/22	05/16/22	551353	8.50	3.0	68	150.0	C/m/sh wl	88	7870
		551354							7320
		551359	9.00	2.7	70	151.6			7860
		551360							7790
05/20/22	05/20/22	551403	8.75	3.1	72	149.2	C/m/sh wl	88	8240
		551404							8160
NOT	USED								

Licensed Concrete Lab Director Name (please print)

Sebastian Setteducate, P.E.

Signature

Date

07/26/23

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

Specified Concrete Str. (f_c): 7000 PSI 540 Cement Required Test Age (days): 28

Licensed Concrete Lab Director Name (please print)

Sebastian Setteducate, P.E.

Signature

Date _____

07/26/23

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

7 Licensed Concrete Testing Laboratory's Certification of Completion Required prior to Sign-off.

- ☒ I certify that I have completed the testing specified herein and that the results reported in section 6 of this form are true and accurate in accordance with §28-406.3.2.

I am aware of the additional sanctions imposed on false filings by §28-211.1.2 of the Administrative Code.

- ☐ **Withdrawal of Applicant:** I am withdrawing responsibility for conducting the tests indicated herein and herewith submit the results or status of the work performed to date.

Name (please print)

Sebastian Setteducate, P.E.

Signature

Date

07/26/23

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

8 Design Applicant's Statement and Signature Required prior to Sign-off. P.E./R.A. responsible for plans, choose one and sign/seal.

- ☒ I certify that I have reviewed the test results reported by the licensed concrete testing lab in section 6 above and found them to be in compliance with the approved construction documents.

- ☐ I certify I have reviewed the test results reported by the licensed concrete testing lab in section 6 above and found them to be in compliance with the approved construction document except as noted in the attached report (BC 1905.6).

Note: design applicant's signed and sealed report must be attached to this document

Name (please print)

Silvian Marcus

Signature

Date

11/08/23

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

9 Concrete Producer's Statement and Signature Required prior to Sign-off. Must be filled out by Owner of Production Facility.

I certify that the test results reports in section 6 above were reported to me, and I further certify that the concrete delivered is in accordance with the design mix(es) specified on the TR3 submitted for the work specified in section 1 above.

Name (print)

Michelle Fernandes

Title

QC/QA

Signature

Date 11/17/23

IRMCA/CIB Expiration Date (BC 1905.8.2)

6-2-24

Business Name

US - Concrete NYC Division - SRM

Business Telephone

Business Address

120-05 31st Avenue

Business Fax:

City

Flushing

State

NY

Zip

11354

CONCRETE REPORT

Date: 02/14/2022 **File No.:** 190319.TRI **Page:** 1 of 1
Client: IGI E86, LLC
Project Name/Address: 306-314 East 86th Street, New York NY (New Building)
Contractor: Glenco Contracting
Concrete Supplier: US Concrete **Weather:** Clear, 19° F

MIX DESIGN - FIELD TEST - RESULTS

CONCRETE MIX DESIGN							
Conc. Class:	Pump	PSI:	7,000 @ 28 days	No. Cu Yds.:	50	No. Loads:	5
	Dry Wts. Per CY.	Brand/Source		INSPECTOR(S) TIME			
Cement (lbs.)	540	Essex Type I/II		Field Inspector	ACI Number	Time In	Time Out Hrs.
Slag (lbs.)	180	Newcem Grade 120		G. Poserio	00019922	7:00 A.M.	3:30 P.M. 8.5
Fine Aggregate (lbs.)	1449	Coram sand					
Coarse Agg. #1 (lbs.)	825	Tilcon #67					
Coarse Agg. #2 (lbs.)	825	Tilcon #8					
Water (gals.)	32.5	NYC Potable					
Admix 1 (oz's)	29.0	Sika Viscocrete 2100					
Admix 2 (oz's)	25.2	Sika Viscoflow 2020		Lab Technician		ACI Number	
Admix 3 (oz's)	7.2	Sikatard 440		L. Padmore		01235295	
Other	7.2	Sika 4R		R. Preston		01341648	

☒ TR3 checked ☒ Batch tickets checked ☒ Curing box onsite

Air Content Method per ☐ C173 or ☒ C231							
FIELD TEST RESULTS							
Cylinder No.	Time of Test	Truck No.	Slump (in.)	Air (%)	Conc. Temp	Unit Wt.	Remarks
506714-506721	12:37 P.M.	3396	8.5	3.2	68°F	150.8	
506722-506724	2:20 P.M.	3056*	8.5	3.0	70°F	150.1	**Extra cylinders
506725-506727	2:40 P.M.	3395*	-	-	°F	-	**Extra cylinders

COMPRESSION TEST

Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract./ Lab Prep.	Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract./ Lab Prep.
506714	02/21/22	7	99030	7880	4.00	12.56	5/G	506722	02/21/22	7	99530	7920	4.00	12.56	2/G
506715	02/21/22	7	95710	7620	4.00	12.56	5/G	506723	03/14/22	28	146360	11590	4.00	12.56	4/G
506716	03/14/22	28	149400	11830	4.00	12.56	4/G	506724	03/14/22	28	141690	11220	4.00	12.56	4/G
506717	03/14/22	28	142410	11280	4.00	12.56	4/G								
506718	03/14/22	28	138890	11000	4.00	12.56	4/G	506725	02/21/22	7	98370	7830	4.00	12.56	4/G
506719	Discard							506726	03/14/22	28	147500	11680	4.00	12.56	4/G
506720	Discard							506727	03/14/22	28	146180	11380	4.00	12.56	4/G
506721	Discard														

Placement Location(s): 310 East 86 th Street								Remarks:							
Columns 9-11, 18-20 & 4A and core shear walls SW-1 thru SW-4 and detention tank wall south.								*Truck #'s 3396 & 3056 went over 90 minutes **Extra cylinders were requested by John (super) from Hunter Robert.							



Note that the above results relate only to the items tested. This report shall not be reproduced, except in full, without the prior, written approval of Special Testing & Consulting, LLC.

CONCRETE REPORT

Date: 02/16/2022 **File No.:** 190319.TRI **Page:** 1 of 1
Client: IGI E86, LLC
Project Name/Address: 306-314 East 86th Street, New York NY (New Building)
Contractor: Glenco Contracting
Concrete Supplier: US Concrete **Weather:** Clear, 28° F

MIX DESIGN - FIELD TEST - RESULTS

CONCRETE MIX DESIGN							
Conc. Class:	Pump	PSI:	7,000 @ 28 days	No. Cu Yds.:	30	No. Loads:	3
	Dry Wts. Per CY.	Brand/Source		INSPECTOR(S) TIME			
Cement (lbs.)	540	Essex Type I/II		Field Inspector	ACI Number	Time In	Time Out
Slag (lbs.)	180	Newcem Grade 120		G. Poserlo	00019922	7:00 A.M.	7:30 P.M.
Fine Aggregate (lbs.)	1449	Coram sand		C. Sewkumar	00099746	7:00 A.M.	7:30 P.M.
Coarse Agg. #1 (lbs.)	825	Tilcon #67					
Coarse Agg. #2 (lbs.)	825	Tilcon #8					
Water (gals.)	32.5	NYC Potable					
Admix 1 (oz's)	29.0	Sika Viscocrete 2100					
Admix 2 (oz's)	25.2	Sika Viscosflow 2020		Lab Technician		ACI Number	
Admix 3 (oz's)	7.2	Sikatar 440		L. Padmore		01235295	
Other	7.2	Sika 4R		R. Preston		01341648	

☒ TR3 checked

☒ Batch tickets checked

☒ Curing box onsite

Air Content Method per ☐ C173 or ☒ C231

FIELD TEST RESULTS

Cylinder No.	Time of Test	Truck No.	Slump (in.)	Air (%)	Conc. Temp	Unit Wt.	Remarks
509451-509456	7:39 A.M.	3398	7.75	3.3	78°F	149.2	
509457-509462	8:35 A.M.	3354*	6.5	2.2	80°F	148.1	
509516-509518	12:45 P.M.	3171*	-	-	80°F	-	**Extra cylinders

COMPRESSION TEST

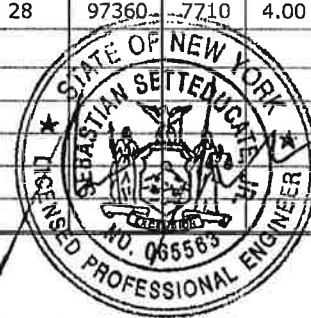
Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.	Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.
509451	02/23/22	7	96840	7710	4.00	12.56	5/G	509457	02/23/22	7	75970	6050	4.00	12.56	5/G
509452	02/23/22	7	100020	7960	4.00	12.56	5/G	509458	02/23/22	7	69830	5560	4.00	12.56	5/G
509453	03/16/22	28	114290	9050	4.00	12.56	4/G	509459	03/16/22	28	92270	7310	4.00	12.56	4/G
509454	03/16/22	28	117360	9290	4.00	12.56	4/G	509460	03/16/22	28	97360	7710	4.00	12.56	4/G
509455	Discard							509461	Discard						
509456	Discard							509462	Discard						
509516	02/23/22	7	70090	5580	4.00	12.56	5/G								
509517	03/16/22	28	97010	7680	4.00	12.56	4/G								
509518	Discard														

Placement Location(s): 310 East 86th Street

- Columns 12, 14, 16, 25A, 26A, 28A supporting the 1st floor and beams at ground level.

Remarks:

*Truck #'s 3354 & 3171 went over 90 minutes.
**Extra cylinders were requested by John Pesci (super) from Hunter Roberts.



Note that the above results relate only to the items tested. This report shall not be reproduced, except in full, without the prior, written approval of Special Testing & Consulting, LLC.

CONCRETE REPORT

Date: 03/23/2022 **File No.:** 190319.TRI **Page:** 1 of 1
Client: IGI E86, LLC
Project Name/Address: 306-314 East 86th Street, New York NY (New Building)
Contractor: Glenco Contracting
Concrete Supplier: US Concrete **Weather:** Clear, 42 °F

MIX DESIGN - FIELD TEST - RESULTS

CONCRETE MIX DESIGN							
Conc. Class:	Pump	PSI:	7,000 @ 28 days	No. Cu Yds.:	60	No. Loads:	6
	Dry Wts. Per CY.	Brand/Source		INSPECTOR(S) TIME			
Cement (lbs.)	540	Essex Type I/II		Field Inspector	ACI Number	Time In	Time Out
Slag (lbs.)	180	Newcem Grade 120		G. Poserio	00019922	7:00 A.M.	6:30 P.M.
Fine Aggregate (lbs.)	1449	Coram sand					
Coarse Agg. #1 (lbs.)	825	Tilcon #67					
Coarse Agg. #2 (lbs.)	825	Tilcon #8					
Water (gals.)	32.5	NYC Potable					
Admix 1 (oz's)	29.0	Sika Viscocrete 2100					
Admix 2 (oz's)	25.2	Sika Viscosflow 2020		Lab Technician		ACI Number	
Admix 3 (oz's)	7.2	Sikatard 440		L. Padmore		01235295	
Other	7.2	Sika 4R		R. Prieston		01341648	

☒ TR3 checked

☒ Batch tickets checked

☒ Curing box onsite

Air Content Method per ☐ C173 or ☒ C231

FIELD TEST RESULTS

Cylinder No.	Time of Test	Truck No.	Slump (in.)	Air (%)	Conc. Temp	Unit Wt.	Remarks
515569-515574	10:07 A.M.	3136	7.0	2.7	81°F	147.9	
515575-515580	11:45 A.M.	3340	8.75	1.9	79°F	151.2	

COMPRESSION TEST

Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.	Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.
515569	03/30/22	7	67440	5370	4.00	12.56	5/G	515575	03/30/22	7	75630	6020	4.00	12.56	5/G
515570	03/30/22	7	65510	5210	4.00	12.56	5/G	515576	03/30/22	7	75910	6040	4.00	12.56	2/G
515571	04/20/22	28	85100	6740	4.01	12.62	4/G	515577	04/20/22	28	103890	8230	4.01	12.62	4/G
515572	04/20/22	28	82800	6560	4.01	12.62	4/G	515578	04/20/22	28	97770	7740	4.01	12.62	4/G
515573	05/18/22	56	90680	7220	4.01	12.62	4/G	515579	Discard						
515574	05/18/22	56	90180	7180	4.01	12.62	4/G	515580	Discard						

Placement Location(s): 310 East 86th Street

- Columns 1, 22, 14, 16, 23, 24, 25, 26, 26A, 27, 28, 29 & 30 and SW-5 & SW-6 supporting the 2nd floor.

Remarks:



Note that the above results relate only to the items tested. This report shall not be reproduced, except in full, without the prior, written approval of Special Testing & Consulting, LLC.

A circular professional seal for Sebastian Sette, a Licensed Professional Engineer in the State of New York. The seal features the text "STATE OF NEW YORK" at the top, "SEBASTIAN SETTE, E.D." in the center, and "LICENSED PROFESSIONAL ENGINEER" at the bottom. The license number "NO. 065583" is also present. The seal is stamped over a document that includes a title block with the name "SEBASTIAN SETTE" and a date "12/1/2011".

CONCRETE REPORT

Date: 03/29/2022 **File No.:** 190319.TRI **Page:** 1 of 1
Client: IGI E86, LLC
Project Name/Address: 306-314 East 86th Street, New York NY (New Building)
Contractor: Glenco Contracting
Concrete Supplier: US Concrete **Weather:** 32°F

MIX DESIGN - FIELD TEST - RESULTS

CONCRETE MIX DESIGN							
Conc. Class:	Pump	PSI:	7,000 @ 28 days	No. Cu Yds.:	100	No. Loads:	10
	Dry Wts. Per CY.	Brand/Source		INSPECTOR(S) TIME			
Cement (lbs.)	540	Essex Type I/II		Field Inspector	ACI Number	Time In	Time Out
Slag (lbs.)	180	Newcem Grade 120		G. Poserio	00019922	7:00 A.M.	4:00 P.M.
Fine Aggregate (lbs.)	1449	Coram sand					
Coarse Agg. #1 (lbs.)	825	Tilcon #67					
Coarse Agg. #2 (lbs.)	825	Tilcon #8					
Water (gals.)	32.5	NYC Potable					
Admix 1 (oz's)	29.0	Sika Viscocrete 2100					
Admix 2 (oz's)	25.2	Sika Viscosflow 2020		Lab Technician		ACI Number	
Admix 3 (oz's)	7.2	Sikatard 440		L. Padmore		01235295	
Other	7.2	Sika 4R		R. Preston		01341648	

☒ TR3 checked

☒ Batch tickets checked

☒ Curling box onsite

Air Content Method per ☐ C173 or ☒ C231

FIELD TEST RESULTS

Cylinder No.	Time of Test	Truck No.	Slump (in.)	Air (%)	Conc. Temp	Unit Wt.	Remarks
515651-515656	9:30 A.M.	3328	7.0	2.9	81°F	149.2	
515657-515662	11:11 A.M.	3311	7.25	3.1	79°F	150.2	

COMPRESSION TEST

Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.	Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.
515651	04/05/22	7	102040	8120	4.00	12.56	2/G	515657	04/05/22	7	90250	7180	4.00	12.56	5/G
515652	04/05/22	7	103170	8210	4.00	12.56	5/G	515658	04/05/22	7	93670	7450	4.00	12.56	5/G
515653	04/26/22	28	128520	10230	4.01	12.62	4/G	515659	04/26/22	28	119080	9480	4.01	12.62	4/G
515654	04/26/22	28	133680	10640	4.01	12.62	4/G	515660	04/26/22	28	118680	9440	4.01	12.62	4/G
515655	Discard							515661	Discard						
515656	Discard							515662	Discard						

Placement Location(s): 310 East 86th Street

- Columns and walls supporting the 3rd floor.
- Beams on 3rd floor at south side.

Remarks:



Note that the above results relate only to the items tested. This report shall not be reproduced, except in full, without the prior, written approval of Special Testing & Consulting, LLC.

CONCRETE REPORT

Date: 04/01/2022 **File No.:** 190319.TRI **Page:** 1 of 1
Client: IGI E86, LLC
Project Name/Address: 306-314 East 86th Street, New York NY (New Building)
Contractor: Glenco Contracting
Concrete Supplier: US Concrete **Weather:** Cloudy, 54° F

MIX DESIGN - FIELD TEST - RESULTS

CONCRETE MIX DESIGN							
Conc. Class:	Pump	PSI:	7,000 @ 28 days	No. Cu Yds.:	100	No. Loads:	10
	Dry Wts. Per CY.	Brand/Source		INSPECTOR(S) TIME			
Cement (lbs.)	540	Essex Type I/II		Field Inspector	ACI Number	Time In	Time Out
Slag (lbs.)	180	Newcem Grade 120		G. Poserlo	00019922	7:00 A.M.	6:00 P.M.
Fine Aggregate (lbs.)	1449	Coram sand					
Coarse Agg. #1 (lbs.)	825	Tilcon #67					
Coarse Agg. #2 (lbs.)	825	Tilcon #8					
Water (gals.)	32.5	NYC Potable					
Admix 1 (oz's)	29.0	Sika Viscocrete 2100					
Admix 2 (oz's)	25.2	Sika Viscoflow 2020		Lab Technician		ACI Number	
Admix 3 (oz's)	7.2	Silkard 440		L. Padmore		01235295	
Other	7.2	Sika 4R		R. Prieston		01341648	

☒ TR3 checked

☒ Batch tickets checked

☒ Curing box onsite

Air Content Method per ☐ C173 or ☒ C231

FIELD TEST RESULTS

Cylinder No.	Time of Test	Truck No.	Slump (in.)	Air (%)	Conc. Temp	Unit Wt.	Remarks
515851-515856	9:35 A.M.	3352	9.0	2.9	76°F	151.2*	*Lab unit wt.
515857-515862	11:09 A.M.	3313	9.5**	2.1	77°F	152.3*	*Lab unit wt., **High slump

COMPRESSION TEST

Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.	Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.
515851	04/08/22	7	104050	8280	4.00	12.56	5/G	515857	04/08/22	7	88270	7030	4.00	12.56	5/G
515852	04/08/22	7	101560	8080	4.00	12.56	5/G	515858	04/08/22	7	87180	6940	4.00	12.56	5/G
515853	04/29/22	28	129580	10260	4.01	12.62	4/G	515859	04/29/22	28	120670	9550	4.01	12.62	4/G
515854	04/29/22	28	128070	10140	4.01	12.62	4/G	515860	04/29/22	28	124950	9890	4.01	12.62	4/G
515855	Discard							515861	Discard						
515856	Discard							515862	Discard						

Placement Location(s): 310 East 86th Street

- All columns and shear walls supporting the 4th floor.

Remarks:

- Hesham Kataria (concrete placement inspector) from WSP was informed of field test results.

*Revised placement location on 5/03/2022.



Note that the above results relate only to the items tested. This report shall not be reproduced, except in full, without the prior, written approval of Special Testing & Consulting, LLC.



Date: 04/06/2022 **File No.:** 190319.TRI **Page:** 1 of 1
Client: IGI E86, LLC
Project Name/Address: 306-314 East 86th Street, New York NY (New Building)
Contractor: Glenco Contracting
Concrete Supplier: US Concrete **Weather:** Rain, 47° F

CONCRETE MIX DESIGN							
Conc. Class:	Pump	PSI:	7,000 @ 28 days	No. Cu Yds.:	100	No. Loads:	10
	Dry Wts. Per CY.	Brand/Source	INSPECTOR(S) TIME				
Cement (lbs.)	540	Essex Type I/II	Field Inspector	ACI Number	Time In	Time Out	Hrs.
Slag (lbs.)	180	Newcem Grade 120	G. Poserlo	00019922	7:00 A.M.	5:30 P.M.	10.5
Fine Aggregate (lbs.)	1449	Coram sand					
Coarse Agg. #1 (lbs.)	825	Tilcon #67					
Coarse Agg. #2 (lbs.)	825	Tilcon #8					
Water (gals.)	32.5	NYC Potable					
Admix 1 (oz's)	29.0	Sika Viscocrete 2100					
Admix 2 (oz's)	25.2	Sika Viscoflow 2020	Lab Technician		ACI Number		
Admix 3 (oz's)	7.2	Sikatard 440	L. Padmore		01235295		
Other	7.2	Sika 4R	R. Prieston		01341648		

☒ Curing box onsite

Cylinder No.	Time of Test	Truck No.	Slump (in.)	Air (%)	Conc. Temp	Unit Wt.	Remarks
515901-515906	9:13 A.M.	3248	7.5	2.1	73°F	150.0	
515907-515912	11:18 A.M.	3152	9.0	2.0	78°F	150.6	

[illegible]

- All columns and shear walls supporting the 5th floor.

STATE OF NEW YORK
SEBASTIAN SETTEEDUCATOR JR.
LICENSED PROFESSIONAL ENGINEER
NO. 065563

Lab Prep. for Cyl. Ends
G = Grinded as per ASTM C39
U = Unbonded caps as per ASTM C1231
B = Bonded caps as per ASTM C617

CONCRETE REPORT

Date: 04/13/2022 **File No.:** 190319.TRI **Page:** 1 of 1
Client: IGI E86, LLC
Project Name/Address: 306-314 East 86th Street, New York NY (New Building)
Contractor: Glenco Contracting
Concrete Supplier: US Concrete **Weather:** Sunny, 60 °F

MIX DESIGN - FIELD TEST - RESULTS

CONCRETE MIX DESIGN							
Conc. Class:	Pump	PSI:	7,000 @ 28 days	No. Cu Yds.:	90	No. Loads:	9
	Dry Wts. Per CY.	Brand/Source		INSPECTOR(S) TIME			
Cement (lbs.)	540	Essex Type I/II		Field Inspector	ACI Number	Time In	Time Out
Slag (lbs.)	180	Newcem Grade 120		G. Poserlo	00019922	7:00 A.M.	3:30 P.M.
Fine Aggregate (lbs.)	1449	Coram sand					
Coarse Agg. #1 (lbs.)	825	Tilcon #67					
Coarse Agg. #2 (lbs.)	825	Tilcon #8					
Water (gals.)	32.5	NYC Potable					
Admix 1 (oz's)	29.0	Sika Viscocrete 2100					
Admix 2 (oz's)	25.2	Sika Viscoflow 2020		Lab Technician		ACI Number	
Admix 3 (oz's)	7.2	Sikatar 440		L. Padmore		01235295	
Other	7.2	Sika 4R		R. Prieston		01341648	

☒ TR3 checked

☒ Batch tickets checked

☒ Curing box onsite

Air Content Method per ☐ C173 or ☒ C231

FIELD TEST RESULTS

Cylinder No.	Time of Test	Truck No.	Slump (in.)	Air (%)	Conc. Temp	Unit Wt.	Remarks
551151-551156	8:05 A.M.	3317	7.75	3.0	74°F	150.4	
551157-551162	9:55 A.M.	3311	9.0	2.8	72°F	151.4	

COMPRESSION TEST

Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.	Cyl. No.	Date Tested	Test Age	Max. Load (lbs.)	PSI	Dia.	Area	Fract/Lab Prep.
551151	04/20/22	7	127080	10110	4.00	12.56	4/G	551157	04/20/22	7	85550	6730	4.00	12.56	5/G
551152	04/20/22	7	108830	8660	4.00	12.56	5/G	551158	04/20/22	7	83900	6680	4.00	12.56	5/G
551153	05/11/22	28	124920	9890	4.01	12.62	4/G	551159	05/11/22	28	94850	7510	4.01	12.62	4/G
551154	05/11/22	28	129990	10290	4.01	12.62	4/G	551160	05/11/22	28	92430	7320	4.01	12.62	4/G
551155	Discard							551161	Discard						
551156	Discard							551162	Discard						



Placement Location(s): 310 East 86th Street

Remarks:

- All columns and shear walls supporting the 6th floor.

Note that the above results relate only to the items tested. This report shall not be reproduced, except in full, without the prior, written approval of Special Testing & Consulting, LLC.

NYCDOB CONCRETE TESTING LABORATORY LICENSE NO. 68
Rev. 08/20/20

Compression Test per ASTM C39
Field Tests per ASTM C143, C138, C1064

Lab Prep. for Cyl. Ends
G = Grinded as per ASTM C39
U = Unbonded caps as per ASTM C1231
B = Bonded caps as per ASTM C617

A circular professional engineer seal for the State of New York. The outer ring contains the text "STATE OF NEW YORK" at the top and "LICENSED PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside the ring, the name "SEBASTIAN SETTE" is written in an arc, followed by "P.E." and "N.Y." in an arc. The center of the seal features a shield with a sun rising over mountains, flanked by two figures. Below the shield is a banner with the word "EUREKA". The license number "NO. 065563" is printed at the bottom of the seal.



Date: 04/21/2022 **File No.:** 190319.TRI **Page:** 2 of 2
Client: IGI E86, LLC
Project Name/Address: 306-314 East 86th Street, New York NY (New Building)

Air Content Method per ☐ C173 or ☒ C231		FIELD TEST RESULTS					
Cylinder No.	Time of Test	Truck No.	Slump (in.)	Air (%)	Conc. Temp	Unit Wt.	Remarks
509863-509868	10:52 A.M.	3245	-	-	°F	-	*Extra cylinders
509869-509874	10:59 A.M.	3389	9.0	2.7	67°F	150.9	
509875-509880	12:12 P.M.	3244	-	-	°F	-	*Extra cylinders

[illegible]

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Lab Prep. for Cyl. Ends
G = Grinded as per ASTM C39
U = Unbonded caps as per ASTM C1231
B = Bonded caps as per ASTM C617

A circular professional seal for Sebastian Sette, a Licensed Professional Engineer in the State of New York. The seal features the text "STATE OF NEW YORK" at the top, "SEBASTIAN SETTE, EDUCATED IN", and "LICENSED PROFESSIONAL ENGINEER" around the perimeter. In the center is the State of New York coat of arms, with the license number "NO. 065563" printed below it.

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