



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

✓ Orient and affix BIS
job number label here

Sheet number 1

1 Location Information *Required for all applications.*

House No(s) 336 Street Name East 15th St.

Borough Manhattan Block 92 Lot 45 BIN 1020410 CB No. 106

Work on Floor(s) 002-006, OSP, MEZ, ROF Apt/Condo No(s)

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

Director Last Name Raymond Director First Name Paul Director Middle Initial J.
Business Name Regional Testing Corp. Business Telephone 347-221-0110
Business Address 1150 Close Ave. Business Fax 347-221-0111
City Bronx State NY Zip 10472 Mobile Telephone
E-Mail info@regionaltestingcorp.com
Director's Lic. Number 050655 ☒ P.E. ☐ R.A. Concrete Testing Lab Lic. Number 000086

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)

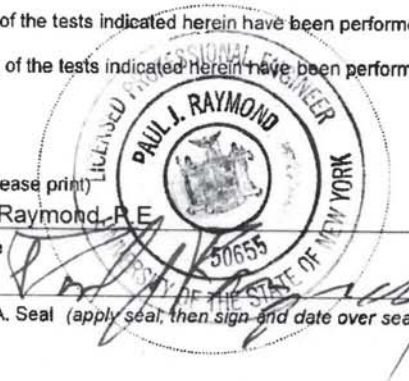
Paul J. Raymond, P.E.

Signature

Date

08-05-22

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)

Kemba C Walcott

Signature

091145

Date

12/12/19

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)

DOMINIC GAN

Title AUTHORIZED REPRESENTATIVE

Signature

Date 12/12/19

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'): 3000 LW

PSI *3500LW

Required Test Age (days): 28, 56*

Test Report Number	Date of Placement	Cylinder I.D.	Sampling:				Placement Location	Total Placement	Breaking Strength
			Slump	Air Content	Temperature	Weight			
			in	%	F	lbs/ft ³		yd ³	PSI
M336-20	9/24/2020	SB521B	8	-	70	126.5	2nd & 3rd	30	3730
"	"	SB521C	"	"	"	"	Floor Slab	"	3630
"	"	SB521D	"	"	"	"	"	"	4260*
"	"	SB521E	"	"	"	"	"	"	4210*
M336-21	10/16/2020	FP558B	7.5	2	80	128.92	4th Floor	18	3540
"	"	FP558C	"	"	"	"	Slab & 3rd	"	3580
"	"	FP558D	"	"	"	"	Floor Stair	"	3790*
"	"	FP558E	"	"	"	"	"	"	3810*
M336-22	11/17/2020	RR882B	8.5	5.25	66	126.44	5th Floor	18	4200
"	"	RR882C	"	"	"	"	Slab	"	4310
"	"	RR882D	"	"	"	"	"	"	4270
"	"	RR882E	"	"	"	"	"	"	4170
M336-23	6/1/2021	FP984B	7.5	3.5	78	122.5	6th Floor	25	*2890
"	"	FP984C	"	"	"	"	Slab	"	*2870
"	"	FP984D	"	"	"	"	"	"	*3080*
"	"	FP984E	"	"	"	"	"	"	*3330*
M336-24	8/16/2021	LM69B	7.5	4	80	123.5	Roof Slab	25	*4270
"	"	LM69C	"	"	"	"	and	"	*4360
"	"	LM69D	"	"	"	"	Bulkhead	"	*4820*
"	"	LM69E	"	"	"	"	"	"	*4850*
M336-25	2/16/2022	CJ303B	8	-	68	121.9	Backyard	10	*5270
"	"	CJ303C	"	"	"	"	& 1st Floor	"	*5340
"	"	CJ303D	"	"	"	"	Mezzanine	"	*5420*
"	"	CJ303E	"	"	"	"	"	"	*5320*

 Licensed Concrete Lab Director Name (please print)
 Paul J. Raymond, P.E.

Signature

Date

08-05-22

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)

Paul J. Raymond, P.E.

Signature

Date

08-05-22

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

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

- ☐ 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 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 documents 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)

Signature

Date

9/28/2022

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 reported 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) Artie Figueroa

Title MANAGER

Signature [Signature]

Date 9-27-22

NRMCA/CIB Expiration Date (BC 1905.8.2) 12-31-22

Business Name Concrete Ready Mix

Business Telephone (516) 837-9233

Business Address 14 Taft Avenue

Business Fax:

City Inwood

State NY

Zip 11096

REGIONAL TESTING CORP
CONSTRUCTION MATERIALS TESTING LABORATORY

CONCRETE
SPECIAL INSPECTIONS
SOIL BORINGS, GEOTECHNICAL

CONCRETE SAMPLING AND TESTING RESULTS

Client: Dominic Gan	Date Cast: 9/24/2020
Project Name: 336 East 15th Street	Report #: M336-20
Project Location: Manhattan, New York	NYCDOB Lab No.: 86
Concrete Type: 3000 PSI Light Weight	Concrete Supplier: Concrete Ready Mix

7-day breaks should reach 75% of the required strength = 2250 PSI

PAGE 1 OF 1

Weather Conditions: Mostly Sunny, H: 70%, W: 3 mph, Temp: 64°F Total Placed CY: 30

Placement Location: 2nd & 3rd Floor Slab on Metal Deck

MIX DESIGN SPECIFIED LIMITS

Temperature: 55°F to 90°F	Slump: -	Air: -	Density: -	Mix Design on site No	Strength: - PSI
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Field Test Results

Test #	Truck #	Slump (in) ASTM C-143	Air Content ASTM C231	Air Content ASTM C173	Temperature (°F) ASTM C-1064	Density (pcf) ASTM C-138	Testing Time	Remarks	Curing box
1	166	8"	-	-	70°F	126.5 pcf	11:00 AM	SEE REMARKS BELOW	Yes

Laboratory Test Results ASTM C-39

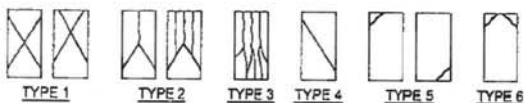
Capping method ASTM C617 ASTM C1231 *Compressive Machine Forney serial # 22505 400k lbs. capacity Calibrated: 6/17/20*

Test #	Specimen ID	Arrival Date	Test Date	Age (Days)	Specimen Diameter (inch)	Specimen Area (sq. in.)	Total Load (Lbs.)	Strength (psi)	Break Type	Comply yes/no
1	SB521A	9/25/2020	10/1/2020	7	4.00	12.57	33,810	2,690	2	YES
	SB521B		10/22/2020	28	4.00	12.57	46,820	3,730	2	YES
	SB521C		10/22/2020	28	4.00	12.57	45,570	3,630	2	YES
	SB521D		11/19/2020	56	4.00	12.57	53,490	4,260	2	YES
	SB521E		11/19/2020	56	4.00	12.57	52,940	4,210	2	YES

Remarks:

RTC hereby certifies that the provided test results are true and legitimate and are only relateable to items inspected / tested.

Reports are not to be reproduced, except in full, without prior written approval of agency.



Field Technician	ACI ID #
Sandra Bermudez	01188907
Laboratory Technician	ACI ID #
Marcos Machuca	01353339

Attested By:

Paul J. Raymond, P.E.
 Lab Director

REGIONAL TESTING CORP
CONSTRUCTION MATERIALS TESTING LABORATORY

CONCRETE
 SPECIAL INSPECTIONS
 SOIL BORINGS, GEOTECHNICAL

CONCRETE SAMPLING AND TESTING RESULTS			
Client: Dominic Gan		Date Cast: 10/16/2020	
Project Name: 336 East 15th Street		Report #: M336-21	
Project Location: Manhattan, New York		NYCDOB Lab No.: 86	
Concrete Type: 3000 PSI Light Weight		Concrete Supplier: Concrete Ready Mix	

7-day breaks should reach 75% of the required strength = 2250 PSI PAGE 1 OF 1

Weather Conditions: Rain, H: 93%, Temp: 54°F Total Placed CY: 18

Placement Location: 3rd Floor Stairs and 4th Floor Slab on Metal Deck

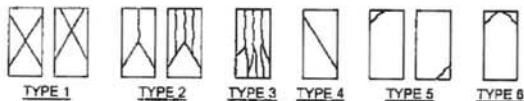
MIX DESIGN SPECIFIED LIMITS					Mix Design on site	No
Temperature: 55°F to 90°F	Slump: -	Air: -	Density: -	Strength: -	PSI	

Field Test Results									
Test #	Truck #	Slump (in) ASTM C-143	Air Content ASTM C231 C173		Temperature (°F) ASTM C-1064	Density (pcf) ASTM C-138	Testing Time	Remarks	Curing box
1	87	7.5"	-	2.00%	80°F	128.92 pcf	2:30 PM	SEE REMARKS BELOW	Yes

Laboratory Test Results ASTM C-39										
Capping method ASTM C617 ASTM C1231 *Compressive Machine Forney serial # 22505 400k lbs. capacity Calibrated :6/17/20*										
Test #	Specimen ID	Arrival Date	Test Date	Age (Days)	Specimen Diameter (inch)	Specimen Area (sq. in.)	Total Load (Lbs.)	Strength (psi)	Break Type	Comply yes/no
1	FP558A	10/17/2020	10/23/2020	7	4.00	12.57	26,170	2,080	2	NO
	FP558B		11/13/2020	28	4.00	12.57	44,510	3,540	2	YES
	FP558C		11/13/2020	28	4.00	12.57	44,930	3,580	2	YES
	FP558D		12/11/2020	56	4.00	12.57	47,600	3,790	2	YES
	FP558E		12/11/2020	56	4.00	12.57	47,900	3,810	2	YES

Remarks:

RTC hereby certifies that the provided test results are true and legitimate and are only relateable to items inspected / tested.
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Field Technician	ACI ID #
Francis Puentes	02034671
Laboratory Technician	ACI ID #
Marcos Machuca	01353339

Attested By:



Paul J. Raymond, P.E.
 Lab Director

REGIONAL TESTING CORP
CONSTRUCTION MATERIALS TESTING LABORATORY

CONCRETE
 SPECIAL INSPECTIONS
 SOIL BORINGS, GEOTECHNICAL

CONCRETE SAMPLING AND TESTING RESULTS			
Client: Dominic Gan		Date Cast: 11/17/2020	
Project Name: 336 East 15th Street		Report #: M336-22	
Project Location: Manhattan, New York		NYCDOB Lab No.: 86	
Concrete Type: 3000 PSI Light Weight		Concrete Supplier: Concrete Ready Mix	

7-day breaks should reach 75% of the required strength = 2250 PSI

PAGE 1 OF 1

Weather Conditions: Cloudy, H: 43%, W: 5 mph, Temp: 46°F

Total Placed CY: 18

Placement Location: 5th Floor Slab on Metal Deck

MIX DESIGN SPECIFIED LIMITS					Mix Design on site	No
Temperature: 55°F to 90°F	Slump: -	Air: -	Density: -	Strength: -	PSI	

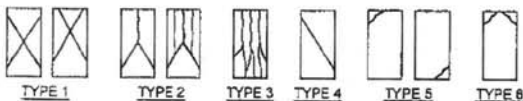
Field Test Results									
Test #	Truck #	Slump (in) ASTM C-143	Air Content ASTM C231 C173		Temperature (°F) ASTM C-1064	Density (pcf) ASTM C-138	Testing Time	Remarks	Curing box
1	87	8.5"	-	5.25%	66°F	126.44 pcf	11:52 AM	SEE REMARKS BELOW	No

Laboratory Test Results ASTM C-39										
Capping method ASTM C617 ASTM C1231 *Compressive Machine Forney serial # 22505 400k lbs. capacity Calibrated: 6/17/20*										
Test #	Specimen ID	Arrival Date	Test Date	Age (Days)	Specimen Diameter (inch)	Specimen Area (sq. in.)	Total Load (Lbs.)	Strength (psi)	Break Type	Comply yes/no
1	RR882A	11/18/2020	11/24/2020	7	4.00	12.57	35,920	2,860	2	YES
	RR882B		12/15/2020	28	4.00	12.57	52,840	4,200	2	YES
	RR882C		12/15/2020	28	4.00	12.57	54,220	4,310	2	YES
	RR882D		12/15/2020	28	4.00	12.57	53,670	4,270	2	YES
	RR882E		12/15/2020	28	4.00	12.57	52,460	4,170	2	YES

Remarks: Please provide us with the TR3 mix design for Concrete Ready Mix 3000 PSI LW

RTC hereby certifies that the provided test results are true and legitimate and are only relateable to items inspected / tested.

Reports are not to be reproduced, except in full, without prior written approval of agency.



Field Technician	ACI ID #
Ryan Reeves	01535368
Laboratory Technician	ACI ID #
Marcos Machuca	01353339

Attested By:



Paul J. Raymond, R.E.
 Lab Director

REGIONAL TESTING CORP
CONSTRUCTION MATERIALS TESTING LABORATORY

CONCRETE
 SPECIAL INSPECTIONS
 SOIL BORINGS, GEOTECHNICAL

CONCRETE SAMPLING AND TESTING RESULTS

Client: Dominic Gan	Date Cast: 6/1/2021
Project Name: 336 East 15th Street	Report #: M336-23
Project Location: Manhattan, New York	NYCDOB Lab No.: 86
Concrete Type: 3500 PSI Light Weight	Concrete Supplier: Concrete Ready Mix

PAGE 1 OF 1

7-day breaks should reach 75% of the required strength = 2625 PSI

Weather Conditions: Mostly Sunny, H: 49%, Temperature: 72°F

Total Placed CY: 25

Placement Location: 6th Floor Slab on Metal Deck

MIX DESIGN SPECIFIED LIMITS

Mix Design on site No

Temperature: 55°F to 90°F	Slump: -	Air: -	Density: -	Strength: - PSI
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Field Test Results

Test #	Truck #	Slump (in) ASTM C-143	Air Content ASTM C231	Air Content ASTM C173	Temperature (°F) ASTM C-1064	Density (pcf) ASTM C-138	Testing Time	Remarks	Curing box
1	77	7.5"	-	3.50%	78°F	122.5 pcf	12:00 PM	SEE REMARKS BELOW	No

Laboratory Test Results ASTM C-39

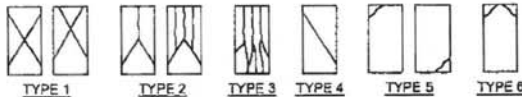
Capping method ASTM C617 ASTM C1231 *Compressive Machine Forney serial # 22505 400k lbs. capacity Calibrated: 6/17/20*

Test #	Specimen ID	Arrival Date	Test Date	Age (Days)	Specimen Diameter (inch)	Specimen Area (sq. in.)	Total Load (Lbs.)	Strength (psi)	Break Type	Comply yes/no
1	FP984A	6/2/2021	6/8/2021	7	4.00	12.57	22,930	1,820	2	NO
	FP984B		6/29/2021	28	4.00	12.57	36,330	2,890	2	NO
	FP984C		6/29/2021	28	4.00	12.57	36,010	2,870	2	NO
	FP984D		7/27/2021	56	4.00	12.57	38,700	3,080	2	NO
	FP984E		7/27/2021	56	4.00	12.57	41,830	3,330	2	NO

Remarks: Please provide us with the TR3 mix design for Concrete Ready Mix 3500 PSI LW

RTC hereby certifies that the provided test results are true and legitimate and are only relateable to items inspected / tested.

Reports are not to be reproduced, except in full, without prior written approval of agency.



Field Technician	ACI ID #
Francis Puentes	02034671
Laboratory Technician	ACI ID #
Juan Cardona	01535378

Attested By:

Paul J. Raymond, P.E.
 Lab Director

REGIONAL TESTING CORP
CONSTRUCTION MATERIALS TESTING LABORATORY

CONCRETE
 SPECIAL INSPECTIONS
 SOIL BORINGS, GEOTECHNICAL

CONCRETE SAMPLING AND TESTING RESULTS

Client: Dominic Gan	Date Cast: 8/16/2021
Project Name: 336 East 15th Street	Report #: M336-24
Project Location: Manhattan, New York	NYCDOB Lab No.: 86
Concrete Type: 3500 PSI Light Weight	Concrete Supplier: Concrete Ready Mix

7-day breaks should reach 75% of the required strength = 2625 PSI

PAGE 1 OF 1

Weather Conditions: H: 61%, W: 13 mph, Temperature: 75°F

Total Placed CY: 25

Placement Location: Roof Slab and Bulkhead

MIX DESIGN SPECIFIED LIMITS

Mix Design on site No

Temperature: 55°F to 90°F	Slump: -	Air: -	Density: -	Strength: - PSI
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Field Test Results

Test #	Truck #	Slump (in) ASTM C-143	Air Content ASTM C231	Air Content ASTM C173	Temperature (°F) ASTM C-1064	Density (pcf) ASTM C-138	Testing Time	Remarks	Curing box
1	107	7.5"	-	4.00%	80°F	123.5 PCF	9:50 AM		No

Laboratory Test Results ASTM C-39

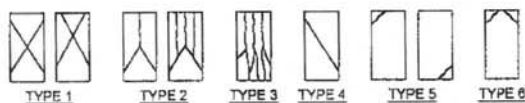
Capping method ASTM C617 ASTM C1231 *Compressive Machine Forney serial # 22505 400k lbs. capacity Calibrated: 6/17/20*

Test #	Specimen ID	Arrival Date	Test Date	Age (Days)	Specimen Diameter (inch)	Specimen Area (sq. in.)	Total Load (Lbs.)	Strength (psi)	Break Type	Comply yes/no
1	LM69A	6/2/2021	8/23/2021	7	4.00	12.57	42,940	3,420	2	YES
	LM69B		9/13/2021	28	4.00	12.57	53,600	4,270	2	YES
	LM69C		9/13/2021	28	4.00	12.57	54,730	4,360	2	YES
	LM69D		10/11/2021	56	4.00	12.57	60,540	4,820	2	YES
	LM69E		10/11/2021	56	4.00	12.57	61,000	4,850	2	YES

Remarks: Please provide us with the TR3 mix design for Concrete Ready Mix 3500 PSI LW

RTC hereby certifies that the provided test results are true and legitimate and are only relateable to items inspected / tested.

Reports are not to be reproduced, except in full, without prior written approval of agency.



Field Technician	ACI ID #
Leonardo Marin	02073493
Laboratory Technician	ACI ID #
Juan Cardona	01535378

Attested By:

Paul J. Raymond, P.E.
 Lab Director

REGIONAL TESTING CORP
CONSTRUCTION MATERIALS TESTING LABORATORY

CONCRETE
 SPECIAL INSPECTIONS
 SOIL BORINGS, GEOTECHNICAL

CONCRETE SAMPLING AND TESTING RESULTS

Client: Dominic Gan	Date Cast: 2/16/2022
Project Name: 336 East 15th Street	Report #: M336-25
Project Location: Manhattan, New York	NYCDOB Lab No.: 86
Concrete Type: 3500 PSI Light Weight	Concrete Supplier: Concrete Ready Mix

7-day breaks should reach 75% of the required strength = 2625 PSI

PAGE 1 OF 1

Weather Conditions: Sunny, H: 57%, W: 6mph, Temperature: 38°F

Total Placed CY: 10

Placement Location: Backyard and 1st Floor Mezzanine

MIX DESIGN SPECIFIED LIMITS

Mix Design on site No

Temperature: 55°F to 90°F	Slump: -	Air: -	Density: -	Strength: - PSI
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Field Test Results

Test #	Truck #	Slump (in) ASTM C-143	Air Content ASTM C231	Air Content ASTM C173	Temperature (°F) ASTM C-1064	Density (pcf) ASTM C-138	Testing Time	Remarks	Curing box
1	77	8"	-	-	68°F	121.9 pcf	9:30 AM		No

Laboratory Test Results ASTM C-39

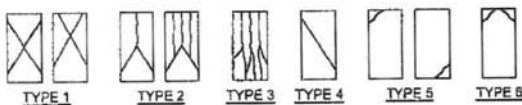
Capping method ASTM C617 ASTM C1231 *Compressive Machine Forney serial # 22505 400k lbs. capacity Calibrated: 6/17/20*

Test #	Specimen ID	Arrival Date	Test Date	Age (Days)	Specimen Diameter (inch)	Specimen Area (sq. in.)	Total Load (Lbs.)	Strength (psi)	Break Type	Comply yes/no
1	CJ303A	6/2/2021	2/23/2022	7	4.00	12.57	47,600	3,790	2	YES
	CJ303B		3/16/2022	28	4.00	12.57	66,250	5,270	2	YES
	CJ303C		3/16/2022	28	4.00	12.57	67,140	5,340	2	YES
	CJ303D		4/13/2022	56	4.00	12.57	68,070	5,420	2	YES
	CJ303E		4/13/2022	56	4.00	12.57	66,900	5,320	2	YES

Remarks: Please provide us with the TR3 mix design for Concrete Ready Mix 3500 PSI LW

RTC hereby certifies that the provided test results are true and legitimate and are only relateable to items inspected / tested.

Reports are not to be reproduced, except in full, without prior written approval of agency.



Field Technician	ACI ID #
Ting (Carl) Jiao	02095604
Laboratory Technician	ACI ID #
Brian Glock	01330873

Attested By:

Paul J. Raymond, P.E.
 Lab Director