



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

DEPT BLDGS Job No. 321588402
Scan Code ESHS9152134

Sheet number 1

1 Location Information *Required for all applications.*

House No(s) 288 Street Name WATER STREET
Borough BROOKLYN Block 43 Lot 12 BIN 3250342 CB No. 302
Work on Floor(s) CEL,ROF,01 thru 05 Apt/Condo No(s)

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

Director Last Name Andrade Director First Name Mauricio Director Middle Initial W
Business Name SMT Laboratories INC Business Telephone 516-586-8047
Business Address 67 Bond Street Business Fax
City Westbury State NY Zip 11590 Mobile Telephone
E-Mail mandrade@smtlaboratory.com
Director's Lic. Number 092865 ☒ P.E. ☐ R.A. Concrete Testing Lab Lic. Number 117

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.

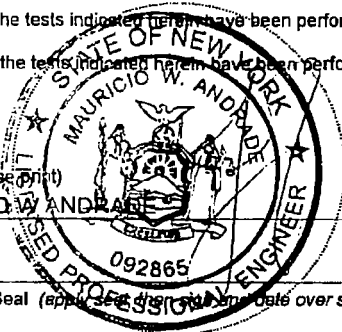
Name (please print)

MAURICIO W. ANDRADE

Signature

Date

P.E. / R.A. Seal (applicable only when date over seal)



12-10-2020

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)

GEORGE CAMBOURAKIS

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) HAREL EDERY

Title MEMBER

Signature

Date

STOP HERE PRIOR TO PERMIT

Sheet number of Sheets

Specified Concrete Str. (f_c): 5000

Required Test Age (days): 28

Licensed Concrete Sub Director Name (Please print)
Mauricio Andrade
Signature

Signature

Date
10-27-21



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 §28-408.3.2.

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

- ☐ Withdrawal of Applicant from withdrawing responsibility for conducting the tests indicated herein and herewith submit the results or status of the work performed (seal).

Name (please print)
Mauricio Andrade

Signature

Date

10-27-21

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 1805.6).

Note: design applicant's signature and date must be attached to this document

Name (please print)

Signature

Date

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) Antonio Romo

Title Operations Manager

Signature *[Signature]* Date 12/23/21

NRMCA/CIB Expiration Date (BC 1805.8.2)

Business Name Gotham Ready Mix

Business Telephone

Business Address 200 Morgan Ave

Business Fax

City Brooklyn State NY

Zip 11237



CONCRETE TESTS CYLINDERS

Applicable Standards: ASTM C172 (Sampling), ASTM C1064, ASTM C143, ASTM C231, ASTM C173, ASTM C31, ASTM C39, ASTM C1231 and ASTM C 617
SMT is part of the PSI Group, a Certified Minority Business Enterprise

Client:	EDG Development Inc.			Report Date:	6/9/2021		Project #:	2020-129		
Address:	288 Water Street, Brooklyn			Report Number:	2020129-CRL1-051221					
Contractor:	N/A			Cast Date:	5/12/2021					
Project:	288 Water Street, Brooklyn			NYCDOB Lab#:	117					
Plant:	Gotham			Tot Yards Placed:	145					
Weather:	Sunny	Mix Design on site:	Yes	Cast Start Time:	8:00:00 AM		Cast End Time:	2:00:00 PM		
Concrete Type (NW) or (LW)?	NW			Mix Required Strength (PSI):	5000					
MIX CONTROL FIELD TEST RESULTS				Field Technician:	Jack Skellington				ACI #:	1635301
Test #	Truck#	Slump C143 (in)	Air % C231/M73	Temperature (°F)	Density (lbs/in³) C138	Remarks:				
1	728	7.5	2.5	65	149.0					
2	726	8.0	3	66	151.0					
3	26	7.5	3	66	150.0					
4										
Pour Location Test #1: 2nd Fl. Slab, Columns & Shear Walls (1st-2nd Fl.), Stair B (1st-2nd Fl.)										
Curing box available in the field: No										
ASTM C 39	COMPRESSIVE STRENGTH RESULTS				Laboratory Technician:	Huascar J. Paredes		ACI #:	1384987	
Cylinder ID #	Date Cast	Age (Days)	Date Tested	Cylinder Diameter (Inch)	Cylinder Area (sq.in.)	Load (Lbs)	Strength (PSI)	Type of Break	Compliance (YES / NO)	Non Applicable (N/A)
Pour Location for Set # 1: 2nd Fl. Slab, Columns & Shear Walls (1st-2nd Fl.), Stair B (1st-2nd Fl.)										
SMT-051201	5/12/21	7	5/19/2021	3.99	12.50	77941	6,240	2		N/A
SMT-051202	5/12/21	7	5/19/2021	3.99	12.50	77935	6,230	3		N/A
SMT-051203	5/12/21	28	6/9/2021	4.00	12.57	92700	7,370	2	YES	
SMT-051204	5/12/21	28	6/9/2021	4.00	12.57	92688	7,370	5	YES	
SMT-051205	5/12/21	28	6/9/2021	4.00	12.57	100185	7,970	2	YES	
Pour Location for set #2: 2nd Fl. Slab, Columns & Shear Walls (1st-2nd Fl.), Stair B (1st-2nd Fl.)										
SMT-051206	5/12/21	7	5/19/2021	3.99	12.50	82021	6,580	2		N/A
SMT-051207	5/12/21	7	5/19/2021	3.99	12.50	80700	6,480	2		N/A
SMT-051208	5/12/21	28	6/9/2021	4.00	12.57	97599	7,760	3	YES	
SMT-051209	5/12/21	28	6/9/2021	4.00	12.57	10513	840	3	YES	
SMT-051210	5/12/21	28	6/9/2021	4.00	12.57	99265	7,900	2	YES	
Pour Location for set #3: 2nd Fl. Slab, Columns & Shear Walls (1st-2nd Fl.), Stair B (1st-2nd Fl.)										
SMT-051211	5/12/21	7	5/19/2021	3.99	12.50	74440	5,960	3		N/A
SMT-051212	5/12/21	7	5/19/2021	3.99	12.50	75600	6,050	2		N/A
SMT-051213	5/12/21	28	6/9/2021	4.00	12.57	98719	7,850	3	YES	
SMT-051214	5/12/21	28	6/9/2021	4.00	12.57	95035	7,560	2	YES	
SMT-051215	5/12/21	28	6/9/2021	4.00	12.57	92399	7,350	2	YES	
Pour Location for set #4:										
NOTE: SMT technicians are ACI Certified. SMT Laboratories is certified by CCRL and AASHTO.										
Remarks:										

Reviewed By:



Tests are conducted in accordance with ASTM C-39 or AASHTO T-22, by technicians certified by ACI. SMT is inspected by the Cement and Concrete Reference Laboratory of The National Institute of Standards and Technology (NIST). This report reflects the aforementioned location(s) only.



CONCRETE TESTS CYLINDERS

Applicable Standards: ASTM C172 (Sampling), ASTM C1064, ASTM C143, ASTM C231, ASTM C173, ASTM C31, ASTM C39, ASTM C1231 and ASTM C 617
SMT is part of the PSI Group, a Certified Minority Business Enterprise

Client:	EDG Development Inc.			Report Date:	6/16/2021	Project #:	2020-129
Address:	288 Water Street, Brooklyn			Report Number:	2020129-CRL-051921		
Contractor:	N/A			Cast Date:	5/19/2021		
Project:	288 Water Street, Brooklyn			NYCDOB Lab#:	117		
Plant:	Gotham			Tot Yards Placed:	132		
Weather:	Sunny	Mix Design on site:	Yes	Cast Start Time:	10:30:00 AM	Cast End Time:	2:00:00 PM
Concrete Type (NW) or (LW)?:	NW			Mix Required Strength (PSI):	5000		

MIX CONTROL FIELD TEST RESULTS				Field Technician:		Ehab Tadros		ACI #:		1641891	
Test #	Truck#	Slump C143 (in)	Air % C231/173	Temperature (°F)	Density (lbs/in³) C138	Remarks:					
1	163	9.0	2.8	79	152.0						
2	737	8.5	2.5	81	150.4						
3	161	7.5	2.3	83	151.2						
4											

Pour Location Test #1: 3rd Fl. Slab, Columns & Shear Walls supporting 3rd Fl., Staircase (1st-2nd Fl. & 2nd-3rd Fl.)

Curing box available in the field: No

ASTM C 39 COMPRESSIVE STRENGTH RESULTS				Laboratory Technician:		Huascar J. Paredes		ACI #:		1364967
Cylinder ID #	Date Cast	Age (Days)	Date Tested	Cylinder Diameter (Inch)	Cylinder Area (sq.in.)	Load (Lbs)	Strength (PSI)	Type of Break	Compliance (YES / NO)	Non Applicable (N/A)

Pour Location for Set #1: 3rd Fl. Slab, Columns & Shear Walls supporting 3rd Fl.

SMT-051901	5/19/21	7	5/26/2021	3.99	12.50	62983	5,040	3		N/A
SMT-051902	5/19/21	7	5/26/2021	3.99	12.50	64125	5,130	3		N/A
SMT-051903	5/19/21	28	6/16/2021	4.00	12.57	79014	6,290	2	YES	
SMT-051904	5/19/21	28	6/16/2021	4.00	12.57	83348	6,630	2	YES	
SMT-051905	5/19/21	28	6/16/2021	4.00	12.57	74261	5,910	2	YES	

Pour Location for set #2: 3rd Fl. Slab, Columns & Shear Walls supporting 3rd Fl.

SMT-051906	5/19/21	7	5/26/2021	3.99	12.50	64638	5,170	3		N/A
SMT-051907	5/19/21	7	5/26/2021	3.99	12.50	62083	4,970	2		N/A
SMT-051908	5/19/21	28	6/16/2021	4.00	12.57	77039	6,130	2	YES	
SMT-051909	5/19/21	28	6/16/2021	4.00	12.57	78837	6,270	2	YES	
SMT-051910	5/19/21	28	6/16/2021	4.00	12.57	76111	6,050	2	YES	

Pour Location for set #3: 3rd Fl. Slab, Columns & Shear Walls supporting 3rd Fl., Staircase (1st-2nd Fl. & 2nd-3rd Fl.)

SMT-051911	5/19/21	7	5/26/2021	3.99	12.50	58684	4,690	2		N/A
SMT-051912	5/19/21	7	5/26/2021	3.99	12.50	57536	4,600	2		N/A
SMT-051913	5/19/21	28	6/16/2021	4.00	12.57	79629	6,330	2	YES	
SMT-051914	5/19/21	28	6/16/2021	4.00	12.57	74919	5,960	2	YES	
SMT-051915	5/19/21	28	6/16/2021	4.00	12.57	76662	6,100	2	YES	

Pour Location for set #4:

NOTE: SMT technicians are ACI Certified. SMT Laboratories is certified by CCRL and AASHTO.

Remarks:



Reviewed By:



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CONCRETE TESTS CYLINDERS

Applicable Standards: ASTM C172 (Sampling), ASTM C1064, ASTM C143, ASTM C231, ASTM C173, ASTM C31, ASTM C39, ASTM C1231 and ASTM C 617
SMT is part of the PSI Group, a Certified Minority Business Enterprise

Client:	EDG Development Inc.	Report Date:	7/14/2021	Project #:	2020-129
Address:	288 Water Street, Brooklyn	Report Number:	2020129-CRL-061621		
Contractor:	N/A	Cast Date:	6/16/2021		
Project:	288 Water Street, Brooklyn	NYCDOB Lab#:	117		
Plant:	Gotham	Tot Yards Placed:	134		
Weather:	Sunny	Mix Design on site:	Yes	Cast Start Time:	8:00:00 AM
				Cast End Time:	12:00:00 PM
Concrete Type (NW) or (LW)?:	NW	Mix Required Strength (PSI):	5000		
MIX CONTROL FIELD TEST RESULTS		Field Technician:	Cristina Enriquez	ACI #:	2069127
Test #	Truck#	Slump C143 (in)	Air % C231/173	Temperature (°F)	Density (lbs/in³) C138
1	728	8.0	3.4	75	151.5
2	319	8.5	3.0	81	151.0
3	728	9.0	3.2	83	152.8
4					
Remarks:					

Pour Location Test #1: 5th floor slab, Columns and shear walls 4th floor to 5th floor and staircase 3rd floor to 5th floor.

Curing box available in the field: No

ASTM C 39				Laboratory Technician:	Huascar J. Paredes			ACI #:	1364967	
Cylinder ID #	Date Cast	Age (Days)	Date Tested	Cylinder Diameter (inch)	Cylinder Area (sq.in.)	Load (Lbs)	Strength (PSI)	Type of Break	Compliance (YES / NO)	Non Applicable (N/A)
Pour Location for Set # 1: 5th floor slab, Columns and shear walls 4th floor to 5th floor and staircase 3rd floor to 5th floor.										
SMT-061601	6/16/21	7	6/23/2021	3.99	12.50	62268	4,980	3		N/A
SMT-061602	6/16/21	7	6/23/2021	3.99	12.50	57589	4,610	3		N/A
SMT-061603	6/16/21	28	7/14/2021	4.00	12.57	76291	6,070	2	YES	
SMT-061604	6/16/21	28	7/14/2021	4.00	12.57	81858	6,510	2	YES	
SMT-061605	6/16/21	28	7/14/2021	4.00	12.57	77493	6,160	2	YES	
Pour Location for set #2: 5th floor slab, Columns and shear walls 4th floor to 5th floor and staircase 3rd floor to 5th floor.										
SMT-061606	6/16/21	7	6/23/2021	3.99	12.50	73901	5,910	3		N/A
SMT-061607	6/16/21	7	6/23/2021	3.99	12.50	73089	5,850	3		N/A
SMT-061608	6/16/21	28	7/14/2021	4.00	12.57	91417	7,270	2	YES	
SMT-061609	6/16/21	28	7/14/2021	4.00	12.57	85933	6,840	3	YES	
SMT-061610	6/16/21	28	7/14/2021	4.00	12.57	90261	7,180	3	YES	
Pour Location for set #3: 5th floor slab, Columns and shear walls 4th floor to 5th floor and staircase 3rd floor to 5th floor.										
SMT-061611	6/16/21	7	6/23/2021	3.99	12.50	69281	5,540	2		N/A
SMT-061612	6/16/21	7	6/23/2021	3.99	12.50	65641	5,250	3		N/A
SMT-061613	6/16/21	28	7/14/2021	4.00	12.57	82972	6,600	3	YES	
SMT-061614	6/16/21	28	7/14/2021	4.00	12.57	80489	6,400	3	YES	
SMT-061615	6/16/21	28	7/14/2021	4.00	12.57	86061	6,850	2	YES	

Pour Location for set #4:

NOTE: SMT technicians are ACI Certified. SMT Laboratories is certified by CCRL and AASHTO.

Remarks:

Reviewed By:



Lab tests are conducted in accordance with ASTM C-39 or AASHTO T-22, by technicians certified by ACI. SMT is inspected by the Cement and Concrete Reference Laboratory of The National Institute of Standards and Technology. This report reflects the aforementioned location(s) only.



CONCRETE TESTS CYLINDERS

Applicable Standards: ASTM C172 (Sampling), ASTM C1064, ASTM C143, ASTM C231, ASTM C173, ASTM C31, ASTM C39, ASTM C1231 and ASTM C 617
SMT is part of the PSI Group, a Certified Minority Business Enterprise

Client:	EDG Development Inc.		Report Date:	7/21/2021	Project #:	2020-129	
Address:	288 Water Street, Brooklyn		Report Number:	2020129-CRL-062321			
Contractor:	N/A		Cast Date:	6/23/2021			
Project:	288 Water Street, Brooklyn		NYCDOB Lab#:	117			
Plant:	Gotham		Tot Yards Placed:	100			
Weather:	Sunny	Mix Design on site:	Yes	Cast Start Time:	8:00:00 AM	Cast End Time:	3:00:00 PM
Concrete Type (NW) or (LW)?:	NW		Mix Required Strength (PSI):	5000			
MIX CONTROL FIELD TEST RESULTS			Field Technician:	Jack Skellington		ACI #:	1636301
Test #	Truck#	Slump C143 (in)	Air % C231/173	Temperature (°F)	Density (lbs/in³) C138	Remarks:	
1	165	7.5	3.2	75	150.5		
2	740	8.0	2.7	78	160.0		
3							
4							

Pour Location Test #1: Roof floor slab, Columns and shear walls 5th floor to roof floor, Staircase 4th floor to roof floor

Curing box available in the field: No

ASTM C 39	COMPRESSIVE STRENGTH RESULTS				Laboratory Technician:	Huscar J. Paredes			ACI #:	1384957
Cylinder ID #	Date Cast	Age (Days)	Date Tested	Cylinder Diameter (inch)	Cylinder Area (sq.in.)	Load (Lbs)	Strength (PSI)	Type of Break	Compliance (YES / NO)	Non Applicable (N/A)
Pour Location for Set #1: Roof floor slab, Columns and shear walls 5th floor to roof floor, Staircase 4th floor to roof floor										
SMT-062301	6/23/21	7	6/30/2021	3.99	12.50	67753	5,420	3		N/A
SMT-062302	6/23/21	7	6/30/2021	3.99	12.50	69780	5,580	2		N/A
SMT-062303	6/23/21	28	7/21/2021	4.00	12.57	81771	6,510	2	YES	
SMT-062304	6/23/21	28	7/21/2021	4.00	12.57	84418	6,720	3	YES	
SMT-062305	6/23/21	28	7/21/2021	4.00	12.57	82202	6,540	2	YES	

Pour Location for set #2: Roof floor slab, Columns and shear walls 5th floor to roof floor, Staircase 4th floor to roof floor

SMT-062306	6/23/21	7	6/30/2021	3.99	12.50	72008	5,760	2		N/A
SMT-062307	6/23/21	7	6/30/2021	3.99	12.50	70047	5,600	2		N/A
SMT-062308	6/23/21	28	7/21/2021	4.00	12.57	82292	6,550	2	YES	
SMT-062309	6/23/21	28	7/21/2021	4.00	12.57	79345	6,310	2	YES	
SMT-062310	6/23/21	28	7/21/2021	4.00	12.57	79727	6,340	2	YES	

Pour Location for set #3:

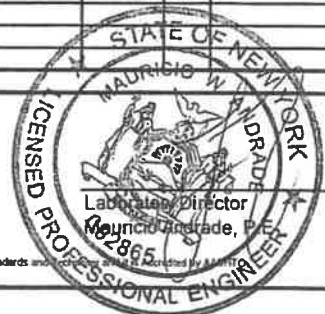
Pour Location for set #4:

NOTE: SMT technicians are ACI Certified, SMT Laboratories is certified by CCRL and AASHTO.

Remarks:



Reviewed By:



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CONCRETE TESTS CYLINDERS

Applicable Standards: ASTM C172 (Sampling), ASTM C1064, ASTM C143, ASTM C231,
ASTM C173, ASTM C31, ASTM C39, ASTM C1231 and ASTM C 617
SMT is part of the PSI Group, a Certified Minority Business Enterprise

Client:	EDG Development Inc.	Report Date:	7/23/2021	Project #:	2020-129
Address:	288 Water Street, Brooklyn	Report Number:	2020129-CRL-062521		
Contractor:	N/A	Cast Date:	6/25/2021		
Project:	288 Water Street, Brooklyn	NYCDOB Lab#:	117		
Plant:	Gotham	Tot Yards Placed:	30		
Weather:	Sunny	Mix Design on site:	Yes	Cast Start Time:	12:00:00 PM
				Cast End Time:	3:00:00 PM
Concrete Type (NW) or (LW)?:	NW	Mix Required Strength (PSI):	5000		

MIX CONTROL FIELD TEST RESULTS			Field Technician:		Ehab Tadros		ACI #:	1641691
Test #	Truck#	Slump C143 (in)	Air % C231/173	Temperature (*F)	Density (lbs/in ³) C138	Remarks:		
1	731	9.0	2.8	84	146.4			
2								
3								
4								

Pour Location Test #1: Bulkhead slab and shear walls

Curing box available in the field: No

ASTM C 39	COMPRESSIVE STRENGTH RESULTS			Laboratory Technician:	Huscar J. Paredes			ACI #:	1364967	
Cylinder ID #	Date Cast	Age (Days)	Date Tested	Cylinder Diameter (Inch)	Cylinder Area (sq.in.)	Load (Lbs)	Strength (PSI)	Type of Break	Compliance (YES / NO)	Non Applicable (N/A)
Pour Location for Set # 1: Bulkhead slab and shear walls										
SMT-062501	6/25/21	7	7/2/2021	3.99	12.50	63914	5,110	2		N/A
SMT-062502	6/25/21	7	7/2/2021	3.99	12.50	59338	4,750	2		N/A
SMT-062503	6/25/21	28	7/23/2021	4.00	12.57	78781	6,270	2	YES	
SMT-062504	6/25/21	28	7/23/2021	4.00	12.57	76109	6,050	3	YES	
SMT-062505	6/25/21	28	7/23/2021	4.00	12.57	80524	6,410	2	YES	

Pour Location for set #2:

Pour Location for set #3:

Pour Location for set #4:

NOTE: SMT technicians are ACI Certified. SMT Laboratories is certified by CCRL and AASHTO.

Remarks:

Reviewed By:



All tests are conducted in accordance with ASTM C-39 or AASHTO T-22. By technicians certified by ACI. SMT is inspected by the Cement and Concrete Reference Laboratory of The National Institute of Standards and Technology (NIST) and is certified by AASHTO. This report reflects the aforementioned location(s) only.



CONCRETE TESTS CYLINDERS

Applicable Standards: ASTM C172 (Sampling), ASTM C1064, ASTM C143, ASTM C231, ASTM C173, ASTM C31, ASTM C39, ASTM C1231 and ASTM C 617
SMT is part of the PSI Group, a Certified Minority Business Enterprise

Client:	EDG Development Inc.			Report Date:	7/26/2021	Project #:	2020-129
Address:	288 Water Street, Brooklyn			Report Number:	2020129-CRL-062821		
Contractor:	N/A			Cast Date:	6/28/2021		
Project:	288 Water Street, Brooklyn			NYCDOB Lab#:	117		
Plant:	Gotham			Tot Yards Placed:	10		
Weather:	Sunny	Mix Design on site:	Yes	Cast Start Time:	1:00:00 PM	Cast End Time:	2:00:00 PM
Concrete Type (NW) or (LW)?:	NW			Mix Required Strength (PSI):	5000		
MIX CONTROL FIELD TEST RESULTS				Field Technician:	Juan Sosa	ACI #:	1636395
Test #	Truck#	Slump C143 (in)	Air % C231/M73	Temperature (°F)	Density (lbs/in³) C138	Remarks:	
1	712	7.6	2.9	80	152.0		
2							
3							
4							

Pour Location Test #1: Bulkhead

Curing box available in the field: No

ASTM C 39	COMPRESSIVE STRENGTH RESULTS				Laboratory Technician:	Huascar J. Paredes			ACI #:	1364967	
Cylinder ID #	Date Cast	Age (Days)	Date Tested	Cylinder Diameter (inch)	Cylinder Area (sq.in.)	Load (Lbs)	Strength (PSI)	Type of Break	Compliance (YES / NO)	Non Applicable (N/A)	
Pour Location for Set #1: Bulkhead											
SMT-062801	6/28/21	7	7/5/2021	4.00	12.57	59215	4,710	2		N/A	
SMT-062802	6/28/21	7	7/5/2021	4.00	12.57	62317	4,960	3		N/A	
SMT-062803	6/28/21	28	7/26/2021	3.99	12.50	74388	5,950	2	YES		
SMT-062804	6/28/21	28	7/26/2021	3.99	12.50	73711	5,900	2	YES		
SMT-062805	6/28/21	28	7/26/2021	3.99	12.50	71593	5,730	2	YES		

Pour Location for set #2:

Pour Location for set #3:

Pour Location for set #4:

NOTE: SMT technicians are ACI Certified. SMT Laboratories is certified by CCRL and AASHTO.

Remarks:

Reviewed By:



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