



TR2: Technical Report
Concrete Sampling and Testing

Must be typewritten

DEPT BLDGS Job No. 320464163



Scan Code ESHS2258509

Sheet number 1

1 Location Information Required for all applications

House No(s) 912

Street Name Erskine Street

Borough Brooklyn

Block 4586

Lot 977

BIN 3399249

CB No. 305

Work on Floor(s)

Apt/Condo No(s)

2 Licensed Concrete Testing Lab Information Required for all applications

Director Last Name Nantista

Director First Name Vincent

Director Middle Initial

Business Name Soil Mechanics Drilling Corp

Business Telephone 516-221-2333

Business Address 3770 Merrick Road

Business Fax

City Seaford

State NY

Zip 11783

Mobile Telephone

E-Mail

Director's Lic. Number 43097

☒ P.E. ☐ R.A.

Concrete Testing Lab Lic. Number 28

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)

Vincent Nantista

Signature

Date

6/20/14

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

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

Specified Concrete Str (fc)

PSI

4000

Specified Test Age (days)

28

Field Testing Results

Test Report Number	Date of Placement	Cylinder I D	Slump	Air Content	Temperature	Weight	Placement Location	Total Placement	Breaking Strength
1	07/22/14	354083	3.50 in	6.50%	85 °F	148.50 lbs/ft ³	Foundation	40 yd ³	4650
		354084							4690
		354085							4740
2	07/23/14	354087	3.50	6.60	87	148.35	Foundation	40	4470
		354088							4620
		354089							4740
3	07/25/14	348634	5.00	5.00	73	140	Grade beam	40	4750
		348635							4700
		348636							4590
4	07/28/14	348638	5.00	5.00	73	140	Grade beam	44	4810
		348639							4710
		348640							4910
5	07/29/14	356539	4.00	5.50	82	147	Pile caps	29	5020
		356540					and grade		5190
		356541					beams		4970
6	07/30/14	356543	4.00	5.70	79	149	Pile caps	37	4910
		356544					and grade		4890
		356545					beams		4960
7	08/01/14	362181	5.75	7.10	79	143.17	Walls	29	5030
		362182							5190
		362183							4910
8	08/04/14	362185	5.75	6.00	78	144.76	Walls	29	4820
		362186							5020
		362187							5060
9	08/05/14	356551	4.75	6.00	84	150	Foundation	32	5030
		356552					walls		4940
		356553							4830
10	08/06/14	348650	5.00	5.00	73	148.5	Foundation	30	4970
		348651					walls		4950
		348652							5050

Licensed Concrete Lab Director Name (please print)

Vincent Nantista

2/11/16

Signature

Date

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 (fc)

PSI

4000 Specified Test Age (days)

28

Test Report Number	Date of Placement	ID	Field Testing Results						
			Slump	Air Content	Temperature	Weight	Placement Location	Total Placement	Breaking Strength
11	08/07/14	356559	4.0in	6.20%	86 °F	148 lbs/ft ³	Foundation	30 yd ³	4740
		356560					wall		4630
		356561							4790
12	08/08/14	356563	4.50	6.60	77	146	Foundation	15	4440
		356564					wall		4630
		356565							4630
13	09/10/14	358274	5.00	4.70	78	146.6	Grade beam	38	4970
		358275							4710
		358276							4820
14	09/12/14	353014	5.25	6.80	72	143.17	Walls	80	4720
		353015							4710
		353016							4840
		353018	5.00	6.90	74	144.76			4800
		353019							4730
		353020							4630
15	09/09/14	360906	6.00	5.20	77	145	Footings	22	5370
		360907							5520
		360908							5440
16	09/17/14	360928	5.25	5.00	75	145	Footings	66	4660
		360929							4750
		360930							4700
		360932	5.00	4.40	81				4910
		360933							4750
		360934							4820
17	09/22/14	349471	4.00	7.50	77	140.45	Foundation	44	5370
		349472					wall		5490
		349473							5180
18	09/26/14	353042	5.75	6.30	75	143.62	Walls	31.5	4640
		353043							4760
		353044							4830

Licensed Concrete Lab Director Name (please print)

Vincent Nantista

2/11/16

Signature

Date

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

Specified Concrete Str (fc)

PSI

4000 Specified Test Age (days)

28

Test Report Number	Date or Placement	ID	Field Testing Results						
			Slump	Air Content	Temperature	Weight	Placement Location	Total Placement	Breaking Strength
19	09/24/14	360968	3 25 in	5 20%	75 °F	144 lbs/ft ³	Foundation	31 yd ³	5280
		360969					walls		5270
		360970							5300
20	09/29/14	358294	5.00	5.60	76	147.4	Foundation	31	5360
		358295					walls		5570
		358296							5210
21	09/30/14	355756	4 00	4 80	75	143 9	Foundation	25	5790
		355757					walls		5840
		355758							5730
22	10/20/14	326820	4 00	5.00	56	145	Footings	87	5130
		326821							5260
		326822							5080
		326824	4.25	4 80	60	144			5410
		326825							5200
		326826							5120
23	10/23/14	360229	5.50	6.20	70	144 23	Foundation	55	5560
		360230					walls		5490
		360231							5680
		360233	5.75	6 10	71	143 68			5180
		360234							5470
		362035							5550
24	10/28/14	326840	4 75	4 60	68	147	Pile caps		5130
		326841					and grade		5210
		326842					beams		5260
		326844	5 00	5 20	65	149			5190
		326845							5280
		326846							5110
25	10/30/14	326848	4.25	4 80	72	148	Pile caps	47	4940
		326849					and grade		5150
		326850					beams		5230

Licensed Concrete Lab Director Name (please print)

Vincent Nantista

2/11/16

Signature

Date

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

Specified Concrete Str (fc) PSI 4000 Specified Test Age (days) 28

			Field Testing Results:						
Test Report Number	Date of Placement	ID	Slump	Air Content	Temperature	Weight	Placement Location	Total Placement	Breaking Strength
26	10/31/14	360265	5.75 in	5.90%	65 °F	143.91 lbs/ft ³	Foundation	37 yd ³	4850
		360266							5150
		360267							5030
27	11/05/14	360277	5.00	6.60	74		Walls	60	5050
		360278							5310
		360279							5190
		360281	5.25	6.80	76				5120
		360282							5320
		360283							5210
28	11/07/14	366102	5.50	6.30	75	144.88	Foundation	30	5050
		366103					walls		5180
		366104							5290
29	11/10/14	367032	4.50	2.00	74		Foundation	25	5340
		367033					walls		5450
		367034							5390
30	11/11/14	367036	5.50	4.00	78		Foundation	30	4700
		367037					walls		4980
		367038							4870
31	11/12/14	367046	5.00	3.50	80		Foundation	31	5600
		367047					walls		5380
		367048							5470
32	11/13/14	360285	5.75	6.00	74	143.14	Walls	31	5140
		360286							5270
		360287							5320
33	11/14/14	360289	5.50	6.00	73		Walls	25	5350
		360290							5430
		360291							5230
34	12/08/14	342140	4.50	5.00	68	148.5	Grade	40	6370
		342141					beams		5900
		342142							5750

Licensed Concrete Lab Director Name (please print)

Vincent Nantista

2/11/16

Signature

Date

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 (fc) PSI 4000 Specified Test Age (days) 28

Test Report Number	Date of Placement	ID	Field Testing Results						
			Slump	Air Content	Temperature	Weight	Placement Location	Total Placement	Breaking Strength
35	12/10/14	342198	5.25 in	4.90%	75 °F	155 lbs/ft ³	Footings	39 yd ³	4910
		342199							5140
		342200							4900
36	12/11/14	360293	5.50	6.40	68	144.81	Foundation	35	5310
		360294					wall		5470
		360295							5420
37	12/15/14	364486	4.50	5.90	70	141.72	Footings	45	5680
		364487							5500
		364488							5600
38	12/18/14	364722	4.75	6.10	69	143.66	Foundation	52	5360
		364723							5120
39	12/22/14	368850	5.75	6.40	73	144.54	Wall	66	5700
		368851							5110
		368852							5320
		368854	5.50	6.30	74	144.23			5530
		368855							5700
		368856							5480
40	01/06/15	368893	5.75	6.20	64	144.36	Walls	40	4960
		368894							5150
		368895							5220
41	01/12/15	368706	5.00	2.00	64	149.5	Foundation	42	5600
		368707					wall		5490
		368708							5570
42	01/14/15	368714	6.00	2.50	61	148.7	Foundation	39	5450
		368715					wall		5540
		368716							5630
43	01/16/15	368722	5.50	3.00	63	150.5	Foundation	53	4670
		368723					wall		4880
		368724							4760

Licensed Concrete Lab Director Name (please print)

Vincent Nantista

2/11/16

Signature

Date

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 (fc)	PSI	4000	Specified Test Age (days)	28
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[illegible]

Licensed Concrete Lab Director Name (please print) _____

Date _____

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)
Vincent Nantista

Signature

Date

02-11-16

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

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)	Title	
Signature	Date	NRMCA/CIB Expiration Date (BC 1905.8.2)
Business Name	Business Telephone	
Business Address	Business Fax	
City	State	Zip