



TR2: Technical Report
Concrete Sampling and Testing

Must be typewritten.

✓ Onent and affix BIS
job number label here

421696579.

Sheet number 1

1 Location Information Required for all applications.

House No(s) 14-43 Street Name 31ST AVENUE

Borough QUEENS Block 534 Lot 7 BIN 4619752 CB No. 401

Work on Floor(s) CEL, 01-05, ROF, OSP Apt/Condo No(s)

2 Licensed Concrete Testing Lab Information Required for all applications

Director Last Name KARANTINIDIS Director First Name MICHAEL Director Middle Initial

Business Name INTERNATIONAL GEOTECHNICAL/STRUCTURAL LAB Business Telephone 718-7261527

Business Address 34-01 BROADWAY Business Fax 718-956-0274

City ASTORIA State NY Zip 11106 Mobile Telephone

E-Mail internationalgeo@gmail.com

Director's Lic. Number 063652

☒ P.E. ☐ R.A.

Concrete Testing Lab Lic. Number 000054

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)

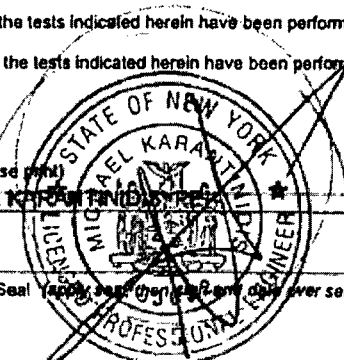
MICHAEL KARANTINIDIS

Signature

Date

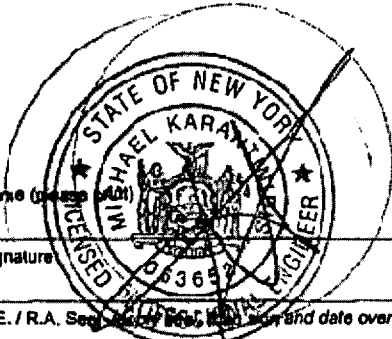
2-17-21

P.E./R.A. Seal (attach seal 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 (print) _____

 Signature _____ Date 02-17-21

 P.E. / R.A. See Section 1704.1 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) Antonio DiSaverio Title President

 Signature Antonio DiSaverio Date 2-17-21

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): 5000

PSI PUMP

Required Test Age (days): 28

Test Report Number	Date of Placement	Cylinder I.D.	Sampling:					Total Placement	Breaking Strength
			Skump	Air Content	Temperature	Weight	Placement Location		
			in	%	F	lbs/ft ³		yd ³	PSI
6317	11/26/19	636	7.00	6.0	68	144.24	footings	20	6880
6317	11/26/19	637	7.00	6.0	68	144.24	footings	20	7205
6317	11/26/19	638	7.00	6.0	68	144.24	footings	20	7580
6317	11/26/19	639	7.00	6.0	68	144.24	footings	20	7530
6317	11/27/19	675	8.00	5.5	69	132.12	F.Wall	20	5210
6317	11/27/19	676	8.00	5.5	69	132.12	F.Wall	20	5530
6317	11/27/19	677	8.00	5.5	69	132.12	F.Wall	20	4630
6317	11/27/19	678	8.00	5.5	69	132.12	F.Wall	20	4470
6317	02/12/20	1588	7.00	6.0	67	144.00	F.Wall	10	5560
6317	02/12/20	1589	7.00	6.0	67	144.00	F.Wall	10	6100
6317	05/26/20	3112	6.00	3.5	70	144.40	footing	20	6015
6317	05/26/20	3113	6.00	3.5	70	144.40	footing	20	5875
6317	05/26/20	3114	6.00	3.5	70	144.40	footing	20	5700
6317	05/26/20	3115	6.00	3.5	70	144.40	footing	20	5720
6317	06/01/20	3149	8.00	6.0	69	144.60	F.Wall	30	6080
6317	06/01/20	3150	8.00	6.0	69	144.60	F.Wall	30	5740
6317	06/01/20	3151	8.00	6.0	69	144.60	F.Wall	30	5930
6317	06/01/20	3152	8.00	6.0	69	144.60	F.Wall	30	6020
6317	06/01/20	3153	8.00	6.0	69	144.60	F.Wall	30	6080
6317	06/01/20	3154	8.00	6.0	69	144.60	F.Wall	30	6270
6317	06/08/20	3163	7.00	3.0	68	144.00	footing	20	5150
6317	06/08/20	3164	7.00	3.0	68	144.00	footing	20	5600
6317	06/08/20	3165	7.00	3.0	68	144.00	footing	20	5230
6317	06/08/20	3166	7.00	3.0	68	144.00	footing	20	5420
6317	06/12/20	3181	7.00	3.5	68	145.20	F.Wall	50	6030

Licensed Concrete Test Director Name (please print)

MICHAEL KARANTINIDIS

Signature

Date

2-17-21

P.E./R.A. Seal (attach 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): 5000

PSI PUMP

Required Test Age (days): 28

Test Report Number	Date of Placement	Cylinder I.D.	Sampling:				Placement Location	Total Placement yd ³	Breaking Strength PSI
			Slump	Air Content	Temperature	Weight			
			in	%	F	lbs/ft ³			
6317	06/12/20	3182	7.00	3.5	68	145.20	F.Wall	50	5700
6317	06/12/20	3183	7.00	3.5	68	145.20	F.Wall	50	6120
6317	06/12/20	3184	7.00	3.5	68	145.20	F.Wall	50	6170
6317	06/12/20	3185	7.00	3.5	68	145.20	F.Wall	50	5650
6317	06/12/20	3186	7.00	3.5	68	145.20	F.Wall	50	5940
6317	06/12/20	3187	7.00	3.5	68	145.20	F.Wall	50	5890
6317	06/12/20	3188	7.00	3.5	68	145.20	F.Wall	50	6500
6317	06/12/20	3189	7.00	3.5	68	145.20	F.Wall	50	3200
6317	06/12/20	3190	7.00	3.5	68	145.20	F.Wall	50	5960
6317	07/07/20	3394	7.00	4.0	72	145.60	footing	10	6900
6317	07/07/20	3395	7.00	4.0	72	145.60	footing	10	6540
6317	08/05/20	3622	7.00	5.5	69	148.00	el.pit found	10	6620
6317	08/05/20	3623	7.00	5.5	69	148.00	el.pit found	10	6490
6317	08/14/20	3661	9.00	4.0	72	143.84	fd foot&gb	70	6150
6317	08/14/20	3662	9.00	4.0	72	143.84	fd foot&gb	70	6100
6317	08/14/20	3663	9.00	4.0	72	143.84	fd foot&gb	70	6010
6317	08/14/20	3664	9.00	4.0	72	143.84	fd foot&gb	70	6230
6317	08/14/20	3665	9.00	4.0	72	143.84	fd foot&gb	70	6560
6317	08/14/20	3666	9.00	4.0	72	143.84	fd foot&gb	70	6380
6317	08/14/20	3667	9.00	4.0	72	143.84	fd foot&gb	70	5670
6317	08/14/20	3668	9.00	4.0	72	143.84	fd foot&gb	70	5840
6317	08/14/20	3669	9.00	4.0	72	143.84	fd foot&gb	70	6090
6317	08/14/20	3670	9.00	4.0	72	143.84	fd foot&gb	70	6540
6317	08/14/20	3671	8.00	4.0	72	143.84	fd foot&gb	70	5390
6317	08/14/20	3672	8.00	4.0	72	143.84	fd foot&gb	70	5365

Licensed Concrete Lab Director (Name to be printed)

MICHAEL KARANTINIDIS

Signature

Date

2-17-21

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'): 5000

PSI PUMP

Required Test Age (days): 28

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
6317	08/14/20	3673	8.00	4.0	72	143.84	fd foot&gb	70	5455
6317	08/14/20	3674	8.00	4.0	72	143.84	fd foot&gb	70	6010
6317	08/20/20	3697	6.00	4.6	83	146.64	found walls	40	6860
6317	08/20/20	3698	6.00	4.6	83	146.64	found walls	40	7250
6317	08/20/20	3699	6.00	4.6	83	146.64	found walls	40	6790
6317	08/20/20	3700	6.00	4.6	83	146.64	found walls	40	5030
6317	08/20/20	3701	6.00	4.6	83	146.64	found walls	40	4630
6317	08/20/20	3702	6.00	4.6	83	146.64	found walls	40	4860
6317	08/20/20	3703	6.00	4.6	83	146.64	found walls	40	5580
6317	08/20/20	3704	6.00	4.6	83	146.64	found walls	40	6065
6317	08/31/20	3762	8.00	6.0	70	148.00	foundation	30	5350
6317	08/31/20	3763	8.00	6.0	70	148.00	foundation	30	5425
6317	08/31/20	3764	8.00	6.0	70	148.00	foundation	30	6210
6317	08/31/20	3765	8.00	6.0	70	148.00	foundation	30	6220
6317	08/31/20	3766	8.00	6.0	70	148.00	foundation	30	5990
6317	08/31/20	3767	8.00	6.0	70	148.00	foundation	30	5680
6317	09/15/20	3802	7.00	5.0	72	149.60	cellar slab	70	6777
6317	09/15/20	3803	7.00	5.0	72	149.60	cellar slab	70	6945
6317	09/15/20	3804	7.00	5.0	72	149.60	cellar slab	70	6520
6317	09/15/20	3805	7.00	5.0	72	149.60	cellar slab	70	6630
6317	09/15/20	3806	7.00	5.0	72	149.60	cellar slab	70	7210
6317	09/15/20	3807	7.00	5.0	72	149.60	cellar slab	70	7090
6317	09/15/20	3808	7.00	5.0	72	149.60	cellar slab	70	4240
6317	09/15/20	3809	7.00	5.0	72	149.60	cellar slab	70	4860
6317	09/15/20	3810	7.00	5.0	72	149.60	cellar slab	70	3740

Licensed Concrete Lab Director Name (Please print)

MICHAEL KARAKINIDIS

Signature

Date

2-17-21

PE / R.A. Seal (apply seal over signature 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'): 5000

PSI PUMP

Required Test Age (days): 28

Test Report Number	Date of Placement	Cylinder I.D.	Sampling:			Weight	Placement Location	Total Placement	Breaking Strength
			Slump	Air Content	Temperature				
			in	%	F	lbs/ft ³		yd ³	PSI
6317	09/15/20	3811	7.00	5.0	72	149.60	cellar slab	70	4090
6317	09/15/20	3812	7.00	5.0	72	149.60	cellar slab	70	4150
6317	09/15/20	3813	7.00	5.0	72	149.60	cellar slab	70	4135
6317	09/15/20	3814	7.00	5.0	72	149.60	cellar slab	70	4510
6317	09/15/20	3815	7.00	5.0	72	149.60	cellar slab	70	4090
6317	10/02/20	3969	8.00	5.0	66	145.20	1st fl slab	120	5775
6317	10/02/20	3970	8.00	5.0	66	145.20	1st fl slab	120	6220
6317	10/02/20	3971	8.00	5.0	66	145.20	1st fl slab	120	5910
6317	10/02/20	3972	8.00	5.0	66	145.20	1st fl slab	120	5780
6317	10/02/20	3973	8.00	5.0	66	145.20	1st fl slab	120	5920
6317	10/02/20	3974	8.00	5.0	66	145.20	1st fl slab	120	5840
6317	10/02/20	3975	8.00	5.0	66	145.20	1st fl slab	120	6130
6317	10/02/20	3976	8.00	5.0	66	145.20	1st fl slab	120	6340
6317	10/02/20	3977	8.00	5.0	66	145.20	1st fl slab	120	6485
6317	10/02/20	3978	8.00	5.0	66	145.20	1st fl slab	120	6300
6317	10/02/20	3979	7.00	5.0	66	147.20	1st fl slab	120	5740
6317	10/02/20	3980	7.00	5.0	66	147.20	1st fl slab	120	5830
6317	10/02/20	3981	7.00	5.0	66	147.20	1st fl slab	120	5900
6317	10/02/20	3982	7.00	5.0	66	147.20	1st fl slab	120	5760
6317	10/02/20	3983	7.00	5.0	66	147.20	1st fl slab	120	6390
6317	10/02/20	3984	7.00	5.0	66	147.20	1st fl slab	120	6540
6317	10/02/20	3985	7.00	5.0	68	147.20	1st fl slab	120	6200
6317	10/02/20	3986	7.00	5.0	68	147.20	1st fl slab	120	4760
6317	10/02/20	3987	7.00	5.0	68	147.20	1st fl slab	120	6605
6317	10/02/20	3988	7.00	5.0	68	147.20	1st fl slab	120	6470

Licensed Concrete Lab Director (State of New Jersey)

MICHAEL KARANTINIOU, P.E.

Signature

Date

2-17-21

P.E. / R.A. Seal (apply seal over signature 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'): 5000

PSI PUMP

Required Test Age (days): 28

Test Report Number	Date of Placement	Cylinder I.D.	Sampling:					Total Placement	Breaking Strength
			Stump	Air Content	Temperature	Weight	Placement Location		
			in	%	F	lbs/ft ³		yd ³	PSI
6317	10/02/20	3989	7.00	5.0	68	147.20	1st fl slab	120	6140
6317	10/02/20	3990	7.00	5.0	68	147.20	1st fl slab	120	6820
6317	10/02/20	3991	7.00	5.0	68	147.20	1st fl slab	120	6470
6317	10/02/20	3992	7.00	5.0	68	147.20	1st fl slab	120	5500
6317	11/03/20	4101	7.00	4.0	67	144.32	2nd fl slab	180	9090
6317	11/03/20	4102	7.00	4.0	67	144.32	2nd fl slab	180	8620
6317	11/03/20	4102-2	7.00	4.0	67	144.32	2nd fl slab	180	7770
6317	11/03/20	4103	7.00	4.0	67	144.32	2nd fl slab	180	6580
6317	11/03/20	4104	7.00	4.0	67	144.32	2nd fl slab	180	6790
6317	11/03/20	4105	7.00	4.0	67	144.32	2nd fl slab	180	8160
6317	11/03/20	4106	7.00	4.0	67	144.32	2nd fl slab	180	7690
6317	11/03/20	4107	7.00	4.0	67	144.32	2nd fl slab	180	6710
6317	11/03/20	4108	7.00	4.0	67	144.32	2nd fl slab	180	9120
6317	11/03/20	4109	7.00	4.0	67	144.32	2nd fl slab	180	6660
6317	11/03/20	4110	8.00	4.0	67	144.32	2nd fl slab	180	7480
6317	11/03/20	4111	8.00	4.0	67	144.32	2nd fl slab	180	8640
6317	11/03/20	4112	8.00	4.0	65	144.32	2nd fl slab	180	8020
6317	11/03/20	4113	8.00	4.0	65	144.32	2nd fl slab	180	9220
6317	11/03/20	4114	8.00	3.5	65	144.32	2nd fl slab	180	7700
6317	11/03/20	4115	8.00	3.5	65	144.32	2nd fl slab	180	7030
6317	11/03/20	4116	8.00	3.5	65	144.32	2nd fl slab	180	6895
6317	11/03/20	4117	8.00	3.5	65	144.32	2nd fl slab	180	7520
6317	11/03/20	4118	8.00	3.5	65	144.32	2nd fl slab	180	9270
6317	11/03/20	4119	8.00	3.5	65	144.32	2nd fl slab	180	8905
6317	11/03/20	4120	8.00	3.5	65	144.32	2nd fl slab	180	8180

 Licensed Concrete Lab Director Name (please print)
 MICHAEL KARANTINDIS, RE

Signature

Date

2-17-21

P.E. / R.A. Seal (apply seal over signature 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'): 5000

PSI PUMP

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/ft³		yd³	PSI
6317	11/03/20	4121	8.00	3.5	65	144.32	2nd fl slab	180	6990
6317	11/03/20	4122	8.00	3.5	65	144.32	2nd fl slab	180	6965
6317	11/03/20	4123	8.00	3.5	65	144.32	2nd fl slab	180	8650
6317	11/03/20	4124	8.00	3.5	65	144.32	2nd fl slab	180	7010
6317	11/03/20	4125	8.00	3.5	65	144.32	2nd fl slab	180	7600
6317	11/03/20	4126	8.00	3.5	65	144.32	2nd fl slab	180	6610
6317	11/03/20	4127	8.00	3.5	65	144.32	2nd fl slab	180	6480
6317	11/03/20	4128	8.00	3.5	65	144.32	2nd fl slab	180	8770
6317	11/03/20	4129	8.00	3.5	65	144.32	2nd fl slab	180	9180
6317	11/03/20	4130	8.00	3.5	65	144.32	2nd fl slab	180	8460
6317	11/03/20	4131	8.00	3.5	65	144.32	2nd fl slab	180	6910
6317	11/03/20	4132	8.00	3.5	65	144.32	2nd fl slab	180	8410
6317	11/03/20	4133	8.00	3.5	65	144.32	2nd fl slab	180	7240
6317	11/03/20	4134	8.00	3.5	65	144.32	2nd fl slab	180	7610
6317	11/03/20	4135	8.00	3.5	65	144.32	2nd fl slab	180	8220
6317	11/13/20	4240	7.00	3.5	65	144.48	3rd fl slab	110	5585
6317	11/13/20	4241	7.00	3.5	65	144.48	3rd fl slab	110	6100
6317	11/13/20	4242	7.00	3.5	65	144.48	3rd fl slab	110	6060
6317	11/13/20	4243	7.00	3.5	65	144.48	3rd fl slab	110	7870
6317	11/13/20	4244	7.00	3.5	65	144.48	3rd fl slab	110	7300
6317	11/13/20	4245	7.00	3.5	65	144.48	3rd fl slab	110	6000
6317	11/13/20	4246	7.00	3.5	65	144.48	3rd fl slab	110	5540
6317	11/13/20	4247	7.00	3.5	65	144.48	3rd fl slab	110	7380
6317	11/13/20	4248	7.00	3.5	65	144.48	3rd fl slab	110	5940
6317	11/13/20	4249	7.00	3.5	65	144.48	3rd fl slab	110	5420

 Licensed Concrete Lab Director Name (Please Print)
 MICHAEL KARANTINIDIS, P.E.

Signature

Date

2-17-21

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): 5000

PSI PUMP

Required Test Age (days): 28

Test Report Number	Date of Placement	Cylinder I.D.	Sampling:		Temperature	Weight	Placement Location	Total Placement	Breaking Strength
			Slump	Air Content					
			In	%	F	lbs/ft ³		yd ³	PSI
6317	11/13/20	4250	6.00	3.5	65	144.48	3rd fl slab	110	5915
6317	11/13/20	4251	6.00	3.5	65	144.48	3rd fl slab	110	6270
6317	11/13/20	4252	6.00	4.0	63	144.48	3rd fl slab	110	6085
6317	11/13/20	4253	6.00	4.0	63	144.48	3rd fl slab	110	5900
6317	11/13/20	4254	6.00	4.0	63	144.48	3rd fl slab	110	8040
6317	11/13/20	4255	6.00	4.0	63	144.48	3rd fl slab	110	7340
6317	11/13/20	4256	6.00	4.0	63	144.48	3rd fl slab	110	7930
6317	11/13/20	4257	6.00	4.0	63	144.48	3rd fl slab	110	7660
6317	11/13/20	4258	6.00	4.0	63	144.48	3rd fl slab	110	6800
6317	11/13/20	4259	6.00	4.0	63	144.48	3rd fl slab	110	7050
6317	11/13/20	4260	7.00	4.0	65	144.48	3rd fl slab	110	6990
6317	11/13/20	4261	7.00	4.0	65	144.48	3rd fl slab	110	7445
6317	11/27/20	4338	6.00	4.5	71	144.30	4th fl slab	120	4990
6317	11/27/20	4339	6.00	4.5	71	144.30	4th fl slab	120	5130
6317	11/27/20	4340	6.00	4.5	71	144.30	4th fl slab	120	5300
6317	11/27/20	4341	6.00	4.5	71	144.30	4th fl slab	120	4830
6317	11/27/20	4342	6.00	4.5	71	144.30	4th fl slab	120	5700
6317	11/27/20	4343	6.00	4.5	71	144.30	4th fl slab	120	5650
6317	11/27/20	4344	6.00	4.5	71	144.30	4th fl slab	120	5850
6317	11/27/20	4345	6.00	4.5	71	144.30	4th fl slab	120	5710
6317	11/27/20	4346	6.00	4.5	71	144.30	4th fl slab	120	6040
6317	11/27/20	4347	6.00	4.5	71	144.30	4th fl slab	120	5950
6317	11/27/20	4348	6.00	4.0	70	144.30	4th fl slab	120	5180
6317	11/27/20	4349	6.00	4.0	70	144.30	4th fl slab	120	5390
6317	11/27/20	4350	7.00	4.0	70	144.30	4th fl slab	120	5800

Licensed Concrete Lab Director (Name (Please Print))

MICHAEL KARANIKUDIS, P.E., I.R.A.

Signature

Date

2-17-21

P.E./I.R.A. Seal (apply seal after 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'): 5000

PSI PUMP

Required Test Age (days): 28

Test Report Number	Date of Placement	Cylinder I.D.	Sampling:						
			Slump	Air Content	Temperature	Weight	Placement Location	Total Placement	Breaking Strength
			in	%	F	lbs/ft ³		yd ³	PSI
6317	11/27/20	4351	7.00	4.0	70	144.30	4th fl slab	120	5630
6317	11/27/20	4352	7.00	4.0	70	144.30	4th fl slab	120	5980
6317	11/27/20	4353	7.00	4.0	70	144.30	4th fl slab	120	5710
6317	11/27/20	4354	7.00	4.0	70	144.30	4th fl slab	120	5370
6317	11/27/20	4355	7.00	4.0	70	144.30	4th fl slab	120	5360
6317	11/27/20	4356	7.00	4.0	70	144.30	4th fl slab	120	5540
6317	11/27/20	4357	7.00	4.0	70	144.30	4th fl slab	120	5435
6317	11/27/20	4358	6.00	4.0	70	144.30	4th fl slab	120	5720
6317	11/27/20	4359	6.00	4.0	70	144.30	4th fl slab	120	5650
6317	11/27/20	4360	6.00	4.5	70	144.30	4th fl slab	120	5950
6317	11/27/20	4361	6.00	4.5	70	144.30	4th fl slab	120	5710
6317	12/08/20	4443	8.00	5.0	64	148.00	5th fl slab	120	9340
6317	12/08/20	4444	8.00	5.0	64	148.00	5th fl slab	120	9050
6317	12/08/20	4445	8.00	5.0	64	148.00	5th fl slab	120	8960
6317	12/08/20	4446	8.00	5.0	64	148.00	5th fl slab	120	9130
6317	12/08/20	4447	8.00	5.0	64	148.00	5th fl slab	120	10010
6317	12/08/20	4448	8.00	5.0	64	148.00	5th fl slab	120	9930
6317	12/08/20	4449	8.00	5.0	64	148.00	5th fl slab	120	9365
6317	12/08/20	4450	8.00	5.0	64	148.00	5th fl slab	120	9520
6317	12/08/20	4451	8.00	5.0	64	148.00	5th fl slab	120	9850
6317	12/08/20	4452	8.00	5.0	64	148.00	5th fl slab	120	10230
6317	12/08/20	4453	8.00	5.0	64	148.00	5th fl slab	120	10330
6317	12/08/20	4454	8.00	5.0	64	148.00	5th fl slab	120	9910
6317	12/08/20	4455	8.00	5.0	66	148.00	5th fl slab	120	9940
6317	12/08/20	4456	8.00	5.0	66	148.00	5th fl slab	120	9190

Licensed Concrete Lab Director (Name to be printed)

MICHAEL KARANTINIDIS, PE

Signature

Date

2-17-21

P.E./ R.A. Seal (apply seal over signature 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'): 5000

PSI PUMP

Required Test Age (days): 28

Test Report Number	Date of Placement	Cylinder I.D.	Sampling:						
			Slump	Air Content	Temperature	Weight	Placement Location	Total Placement	Breaking Strength
			In	%	F	lbs/ft ³		yd ³	PSI
6317	12/08/20	4457	8.00	5.0	66	148.00	5th fl slab	120	9350
6317	12/08/20	4458	8.00	5.0	66	148.00	5th fl slab	120	9120
6317	12/08/20	4459	8.00	5.0	66	148.00	5th fl slab	120	9430
6317	12/08/20	4460	8.00	5.0	66	148.00	5th fl slab	120	9830
6317	12/08/20	4461	8.00	5.0	66	148.00	5th fl slab	120	10070
6317	12/08/20	4462	8.00	5.0	66	148.00	5th fl slab	120	9930
6317	12/08/20	4463	7.00	5.0	66	148.00	5th fl slab	120	9380
6317	12/08/20	4464	7.00	5.0	66	148.00	5th fl slab	120	9190
6317	12/08/20	4465	7.00	5.0	66	148.00	5th fl slab	120	9920
6317	12/08/20	4466	7.00	5.0	66	148.00	5th fl slab	120	9650
6317	12/22/20	4534	8.00	4.0	72	144.80	roof slab	100	7000
6317	12/22/20	4535	8.00	4.0	72	144.80	roof slab	100	6830
6317	12/22/20	4536	8.00	4.0	72	144.80	roof slab	100	7330
6317	12/22/20	4537	8.00	4.0	72	144.80	roof slab	100	7260
6317	12/22/20	4538	8.00	4.0	72	144.80	roof slab	100	7560
6317	12/22/20	4539	8.00	4.0	72	144.80	roof slab	100	7340
6317	12/22/20	4540	8.00	4.0	72	144.80	roof slab	100	6770
6317	12/22/20	4541	8.00	4.0	72	144.80	roof slab	100	6960
6317	12/22/20	4542	8.00	4.0	72	144.80	roof slab	100	7240
6317	12/22/20	4543	8.00	4.0	72	144.80	roof slab	100	7190
6317	12/22/20	4544	9.00	4.0	72	144.80	roof slab	100	7725
6317	12/22/20	4545	9.00	4.0	72	144.80	roof slab	100	7540
6317	12/22/20	4546	9.00	4.5	72	144.80	roof slab	100	7510
6317	12/22/20	4547	9.00	4.5	72	144.80	roof slab	100	7630
6317	12/22/20	4548	9.00	4.5	72	144.80	roof slab	100	6920

Licensed Concrete Lab Director (Please print)

MICHAEL KARANTINOS

Signature

Date

2-17-21

P.E. / R.A. Seal (Seal must be over seal)

Sheet number 12 of 13 Sheets

Specified Concrete Str. (f_c): 5000

PSI PUMP

Required Test Age (days): 28

Licensed Concrete Lab Director Name (please print)

MICHAEL KARANTZINIS, PE

Signature

Date _____

2-27-21

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 §28-406.3.2.

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)
MICHAEL KARANTINIDIS, P.E.

Signature

Date

2-17-21

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 1905.6).
Note: design applicant's signed and sealed report must be attached to this document.

Name (please print)

Michael Karantidis, P.E.

Signature

Date

2-17-21

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) Garry Dhillon

Title Manager

Signature

Date

NRMCA/CIB Expiration Date (BC 1905.8.2) 6/26/22

Business Name JK Concrete Ready Mix

Business Telephone 718 739 3380

Business Address 178-01 Liberty Ave

Business Fax 718 739 3387

City Queens

State NY

Zip 11433

Administrative Office: 34-01 Broadway, Astoria, N.Y. 11106
Tel: (718) 726-1527 Fax: (718) 956-0374

[illegible]

CONCRETE TESTING LABORATORY LICENSE # 54

REMARKS:					
FIELD TECHNICIAN: Michael Karantziotis PE		Licenses ID: 63452			
FIELD TECHNICIAN: ARISTOTLE KARANTZIOTIS		Licenses ID: 1381473			

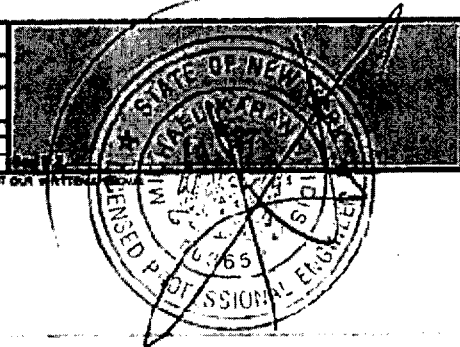


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[illegible]

CONCRETE TESTING LABORATORY LICENSE # 14

PLANT TECHNICIAN:		Licence ID:
Michael Katsanides, PE		63853
FIELD TECHNICIAN:		Licence ID:
ARISTOTILE KARANTANIOS		1581773



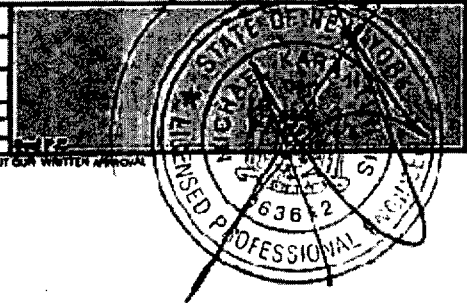
Administrative Office 34 01 Broadway, Astoria, N Y 11106
Tel (718) 726-1527 Fax (718) 956-0274

Report Date: 10/20/11	Summary: CONCRETE READY MIX	YES
Project Address: 14-43 31ST AVENUE, QUEBEC	Moisture and Density Reading: 14.00% 14.00% 14.00%	YES
Phone: 514-331-7171	Moisture: 14.00%	T1-T2: 89°
Moisture: 14.00%	Moisture: 14.00%	NO
Moisture: 14.00%	Moisture: 14.00%	T1-T2: 5.5%
Concrete Type: CONCRETE READY MIX	Sum: 14.00%	T1-T2: 8.00% 12 lbs/c
Concrete Strength: 3400 PSI PUMP	Moisture: 14.00%	YES
Concrete Test Date: 10/20/11	Moisture: 14.00%	NO
Moisture: 14.00%	Moisture: 14.00%	NO
Moisture: 14.00%	Moisture: 14.00%	YES

[illegible]

CONCRETE TESTING LABORATORY LICENSE # 84

REMARKS			
PORT TECHNICIAN:	Michael Karandits, PE	Licence ID:	63852
FIELD TECHNICIAN:	ANDY DYLE KONTAKINOS	Licence ID:	68143



Tel: (718) 726-1527 Fax: (718) 956-0274

Project Name	1/6/2021	Sampling of Fresh Concrete ASTM C1171	YES
Project Address	14-43 31ST AVENUE, QUEENS	Mixing and Casting Report Form 10-1 (Rev. 11-21-15)	YES
Job No.	ITL-8317-CR	Contractor's Representative Name	TI-T2: 89
Client Name		NY Concrete ASTM C1171 Volumetric Method	NO
Location of Sample		For placement of the fresh concrete	TI-T2: 5.3%
Concrete Grade	CONCRETE READY MIX	Sample ID: 1113 / Unit Weight: 142.1 lb/cu ft	TI-T2: 0.80 / 113.12 lb/cu ft
Batching Method	LAB P&M PUMP	Batching Method: 28.11 / 11.13	YES
Batching Method	TR5410P10	Batching Method: 28.11 / 11.13	NO
Date of Concrete Pour	1/12/21	Batching Method: 28.11 / 11.13	NO
Batching Method	TR5410P10	Batching Method: 28.11 / 11.13	YES

[illegible]

THE CITY OF NEW YORK DEPARTMENT OF BUILDINGS

COMPLETE TESTING LABORATORY LICENSE N° 64

PLARY TECHNICIAN: Michael Karpman, PE WEA TECHNICIAN: ARISTOWLE KARANTZIDAS	License ID: 63682 License ID: 1501273	
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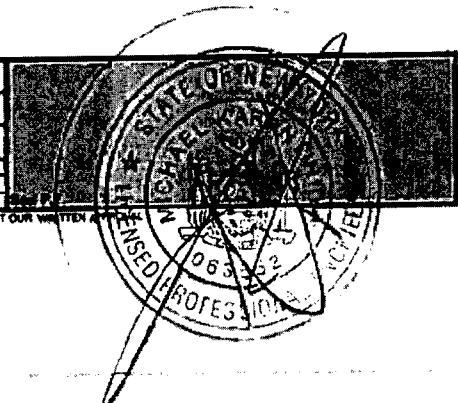


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Tel: (718) 726-1527 Fax: (718) 955-0274

[illegible]

CONCRETE TESTING LABORATORY LICENSE Nº 54

COMPOSITE TEST REPORT SUBMITTANCE FORM (R-2)		
REMARKS:		
PLANT TECHNICIAN: Michael Karantinos, PE FIELD TECHNICIAN: ARISTOTLE KARANTINOS	License ID: 6363 License ID: 1361473	



WOMEN MUST NOT MAKE UP

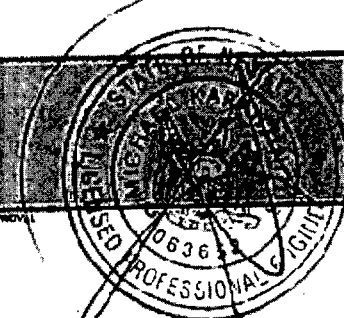
Formwork Type: 1A/2021	Sampling of Fresh Concrete ASTM C172	YES
Project Address: 14-43 31ST AVENUE, QUEENS	Making and Curing Specimen in the Plant ASTM C192	YES
Formwork Size: 11'-0" x 17'-0"	Concrete Temperature ASTM C1064	T1: 62°
Formwork Location: 11'-0" x 17'-0"	Concrete Temperature at Placement	NO
Formwork Material: 11'-0" x 17'-0"	Concrete Temperature at Curing	T1: 62°
Formwork Condition: 11'-0" x 17'-0"	Concrete Temperature at Testing	T1: 7.00°/144.00 In/c
Concrete Type: CONCRETE READY MIX	Concrete Strength at Placement	YES
Concrete Strength: 4,000 PSI PUMP	Concrete Strength at Curing	NO
Concrete Strength Test Date: 04/05/20	Concrete Strength at Testing	NO
Date of Concrete Pour: 01/20/21	Weather: N/A	YES
Concrete Pour Location: 11'-0" x 17'-0"	Concrete Pour Location: 11'-0" x 17'-0"	YES

[illegible]

CONCRETE TESTING LABORATORY LICENSE # 54

PLANT TECHNICIAN: Michael Karantinos, PE	LABORER NO: 83652	
FIELD TECHNICIAN: JAMES TOLE COONTRINOS	CLIENT NO: 1381175	

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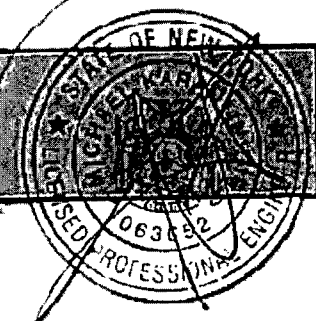
Administrative Office: 34-01 Broadway, Astoria, N.Y. 11106
Tel: (718) 726-1537 Fax: (718) 956-0274

[illegible]

CONCRETE TESTING LABORATORY LICENSE N° 54

PLANT TECHNICIAN: FIELD TECHNICIAN:	Michael Kouranidis, PE ARK DYLE TARRANTS INC.	License ID: License ID:	6363 08147

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THE CITY OF NEW YORK DEPARTMENT OF BUILDINGS

CONCRETE TESTING LABORATORY LICENSE N° 54

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Tel: (718) 726-1527 Fax: (718) 956-0274

[illegible]

CONCRETE TESTING LABORATORY LICENSE # 24

A circular professional engineer seal for the State of New York. The seal features the text "STATE OF NEW YORK" at the top and "PROFESSIONAL ENGINEER" at the bottom. In the center is a shield with a sun rising over mountains and a river. The number "068532" is printed across the middle of the seal. A large, dark 'X' is drawn over the entire seal.

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Administrative Office 34-01 Broadway, Astoria, N Y 11106
Tel: (718) 726-1537 Fax: (718) 956-0274

Report Date:	1/26/21	Sampling of Fresh Concrete ASTM C177	YES
Project Name:	14-43 31ST AVENUE, QUEENS	Making and Curing Specimens for Test of Concrete	YES
Job No./Project No.:	TL-8317-CR	Concrete Temperature	T1-T2: 63°
Contract No.:		Concrete Surface Temperature	NO
Contract Name:		Concrete Temperature at Depth	T1-T2: 3.5%
Concrete Producer:	CONCRETE READY MIX	Concrete Temperature at Depth	T1-T2: 7.8°/7144.00 B/c
Concrete Supplier:	LABORERS' UNION	Concrete Temperature at Depth	YES
Test Date:	7/27/21	Concrete Temperature at Depth	NO
Test of Concrete:	6025 (Weather: NA)	Concrete Temperature at Depth	NO
Test of Concrete:	6025 (Weather: NA)	Concrete Temperature at Depth	YES

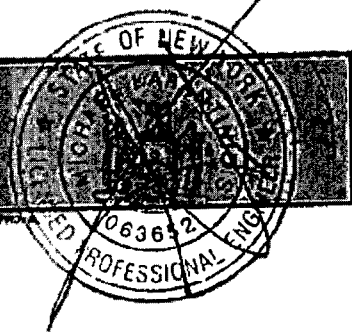
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THE CITY OF NEW YORK DEPARTMENT OF BUILDINGS

CONCRETE TESTING LABORATORY LICENSE # 34

NAME	Michael Karamitidis, PE	License No.	03652
WILD TECHNIQUE	ARISTOTLE KARAMITIDIS	License No.	031273

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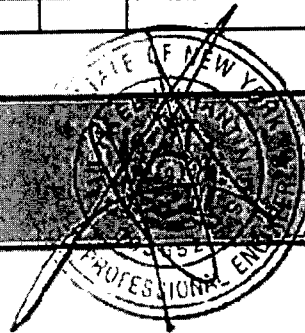


Tel: (718) 726-1527 Fax: (718) 956-0274

[illegible][illegible]**CONCRETE TESTING LABORATORY LICENSE # 14**

REMARKS		
PLANT TECHNICIAN:	Michael Karanovich, PE	Licence ID: 63452
FIELD TECHNICIAN:	APRISTOTLE CARANTINOS	Licence ID: 1361273

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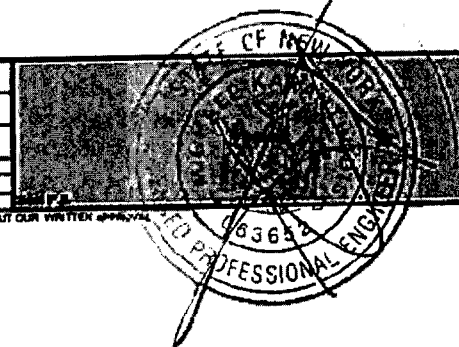
Administrative Office 34-01 Broadway, Astoria, N Y 11106
Tel: (718) 726-1527 Fax: (718) 956-0274

Project Name:	17/2021	Company: J. J. Ryan Concrete ASTM C112	YES
Project Address:	14-43 31ST AVENUE, QUEENS	Material: 100% Portland Cement 1 in. MAX. ST. FILL	YES
Project Location:	NY-4317-CR	Concrete: 100% Portland Cement ASTM C112	T1-T8: 85%
Project Description:		Air Content: ASTM C261 Vol. 1	NO
Project Status:		Log: External ASTM C261, Portland Cement	T1-T8: 1.3%
Concrete Product:	CONCRETE READY MIX	Concrete: 100% Portland Cement ASTM C112	T1-T8: 7.98"/145.29 lbs/cu
Concrete Supplier:	100% FILL PUMP	Concrete: 100% Portland Cement ASTM C112	YES
Concrete Volume:	7100000	Concrete: 100% Portland Cement ASTM C112	NO
Concrete Type:	415281	Concrete: 100% Portland Cement ASTM C112	NO
Concrete Color:	Weather: NA	Concrete: 100% Portland Cement ASTM C112	YES
Concrete Finish:	MICHAEL J. LAMARTINO PE License No: 65000000000	Concrete: 100% Portland Cement ASTM C112	YES

[illegible]

CONCRETE TESTING LABORATORY LICENSE # 34

REMARKS			
PLANT TECHNICIAN: Michael Karastamidis, PE FIELD TECHNICIAN: JAMES TYLEE KARASTAMIDIS	License ID: 63852 License ID: 1361473		

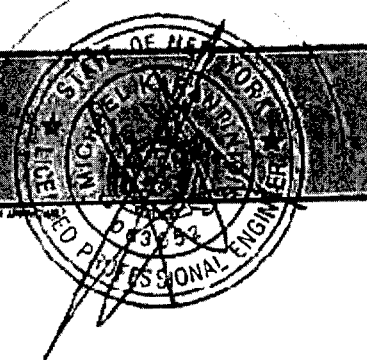


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Tel (718) 726-1527 Fax (718) 956-0274

[illegible]

CONCRETE TESTING LABORATORY LICENSE # 54

PLANT TECHNICIAN: Michael Kozminski, PE License No: 03852
 FIELD TECHNICIAN: JAMES T. KAMENYANSKY License No: 158723

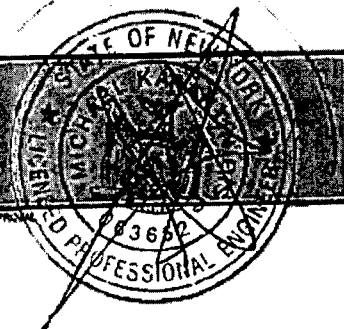


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[illegible]

CONCRETE TESTING LABORATORY LICENSE N° 34

	
PLANT TECHNICIAN: Michael Karantinos, PE PE DUTY PERSON: ARIS (OTILE) KARANTINOS	Licence ID: 63652 Licence ID: 1341473

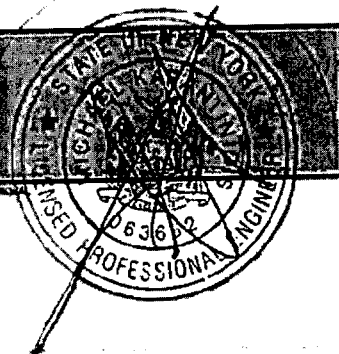


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[illegible]

CONCRETE TESTING LABORATORY LICENSE # 54

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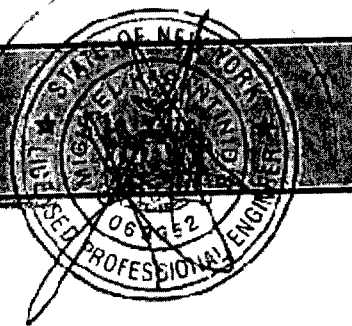
Concrete Pump Date:	7/1/2021	Reinforcing Steel Company/ASTM A601	YES
Concrete Pump Address:	14-25 31ST AVENUE, QUEENS	Modular and Extra Reinforcement (ASTM A601)	YES
Concrete Pump Name:	RTL-4317-CR	Reinforcing Steel Company/ASTM A601	T1: 6"
Concrete Pump Location:		Reinforcing Steel Company/ASTM A601	NO
Concrete Pump Location:		Reinforcing Steel Company/ASTM A601	T1: 6.5%
Concrete Pump Location:		Reinforcing Steel Company/ASTM A601	T1: 7.00"/48.00 lbf/c
Concrete Pump Location:	CONCRETE READY MIX	Reinforcing Steel Company/ASTM A601	YES
Concrete Pump Location:	1000 PSI PUMP	Reinforcing Steel Company/ASTM A601	NO
Concrete Pump Location:	1000 PSI PUMP	Reinforcing Steel Company/ASTM A601	NO
Concrete Pump Location:	1000 PSI PUMP	Reinforcing Steel Company/ASTM A601	YES
Concrete Pump Location:	1000 PSI PUMP	Reinforcing Steel Company/ASTM A601	YES

[illegible]

CONCRETE TESTING LABORATORY LICENSE # 24

REMARKS			
PLANT TECHNICIAN:	MARCEL KIRKMAN, PE	License No:	0165
FIELD TECHNICIAN:	ANASTOYCE KARANIBAS	License No:	081473

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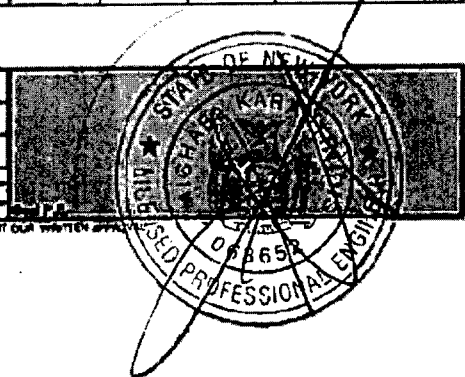


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CONCRETE TESTING LABORATORY LICENSE N° 64

REMARKS			
PLANT TECHNICIAN:	Michael Karantzas, PE	License ID:	63052
FIELD TECHNICIAN:	ARISTOTLE KARANTZOS	License ID:	1581473
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Report Date:	10/2/01	Sampling of Fresh Concrete ASTM C172	YES
Job Address:	14-31 31ST AVENUE, CHIEF	Moisture Content Test per ASTM C172	YES
Job No./Project No.:	ITL-4317-CR	Concrete Temperature ASTM C1064	T1-T5: 72°, T6-T7: 72°
Job Description:		ASTM C172 (M 50) 3" Diameter	NO
Concrete Contractor:		ASTM C172 (M 50) 3" Diameter	T1-T5: 4.0%, T6-T7: 4.0%
Concrete Type:	CONCRETE READY MIX	ASTM C172 (M 50) 3" Diameter	T1-T5: 9.88"/143.84 lbs/c, T6-T7: 9.88"/143.84 lbs/c
Concrete Strength:	5000 PSI PUMP	ASTM C172 (M 50) 3" Diameter	YES
Concrete Test Date:	10/2/01	ASTM C172 (M 50) 3" Diameter	NO
Date of Concrete Pour:	10/2/01	ASTM C172 (M 50) 3" Diameter	NO
Weather:	Weather: 70°	ASTM C172 (M 50) 3" Diameter	YES
Job Description:	MOISTURE CONTENT TEST	ASTM C172 (M 50) 3" Diameter	YES

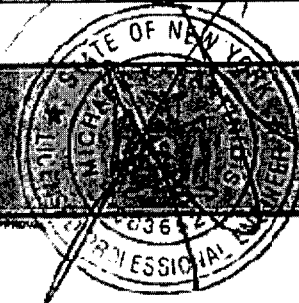
LAB SAMPLE NUMBER	SPECIMEN LENGTH (0.00")	AVERAGE DIAMETER (0.00")	LENGTH/ DIAMETER RATIO (0.00)	CROSS SECTIONAL AREA (0.00 sq.in)	STRENGTH CORRECTION FACTOR (0.00)	PEAK FORCE (lbs)	STRENGTH (psi)	STRENGTH CORRECTED (psi)	SPECIMEN AGE (DAYS)	TYPE OF FRACTURE ASTM C39	COMMENTS / DEFECTS / LOCATION OF PLACEMENT
3681	4.00	4.00		12.56		77,250	6,150	6,150	28	DIAGONAL	PART OF FOUNDATION FOOTINGS & GRADE BEAMS
3682	4.00	4.00		12.56		76,610	6,100	6,100	28	COLUMNAR	PART OF FOUNDATION FOOTINGS & GRADE BEAMS
3683	4.00	4.00		12.56		75,480	6,010	6,010	28	DIAGONAL	PART OF FOUNDATION FOOTINGS & GRADE BEAMS
3684	4.00	4.00		12.56		78,300	6,234	6,234	28	COLUMNAR	PART OF FOUNDATION FOOTINGS & GRADE BEAMS
3685	4.00	4.00		12.56		82,340	6,554	6,554	28	DIAGONAL	PART OF FOUNDATION FOOTINGS & GRADE BEAMS
3686	4.00	4.00		12.56		80,090	6,377	6,389	28	DIAGONAL	PART OF FOUNDATION FOOTINGS & GRADE BEAMS
3687	4.00	4.00		12.56		71,210	5,670	5,670	28	DIAGONAL	PART OF FOUNDATION FOOTINGS & GRADE BEAMS
3688	4.00	4.00		12.56		73,340	5,839	5,840	28	COLUMNAR	PART OF FOUNDATION FOOTINGS & GRADE BEAMS
3689	4.00	4.00		12.56		76,480	6,081	6,080	28	COLUMNAR	PART OF FOUNDATION FOOTINGS & GRADE BEAMS
3670	4.00	4.00		12.56		82,190	6,544	6,540	28	COLUMNAR	PART OF FOUNDATION FOOTINGS & GRADE BEAMS
3671	4.00	4.00		12.56		67,650	5,387	5,380	28	COLUMNAR	PART OF FOUNDATION FOOTINGS & GRADE BEAMS
3672	4.00	4.00		12.56		67,380	5,385	5,385	28	DIAGONAL	PART OF FOUNDATION FOOTINGS & GRADE BEAMS
3673	4.00	4.00		12.56		64,510	5,155	5,155	28	DIAGONAL	PART OF FOUNDATION FOOTINGS & GRADE BEAMS
3674	4.00	4.00		12.56		75,450	6,007	6,010	28	COLUMNAR	PART OF FOUNDATION FOOTINGS & GRADE BEAMS

THE CITY OF NEW YORK DEPARTMENT OF BUILDINGS

CONCRETE TESTING LABORATORY LICENSE # 14

REMARKS:		
PLANT TECHNICIAN: Michael Karantinos, PE	License ID: 45452	
FIELD TECHNICIAN: AMSTOYLE KARANTINOS	License ID: 1381473	

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CONCRETE TESTING LABORATORY LICENSE N° 64

A circular professional seal for the State of New York, No. 63892, is crossed out with a large, bold 'X'. The seal contains the text 'DESIGNER', 'STATE OF NEW YORK', '63892', and 'PROFESSIONAL ENGINEER'.

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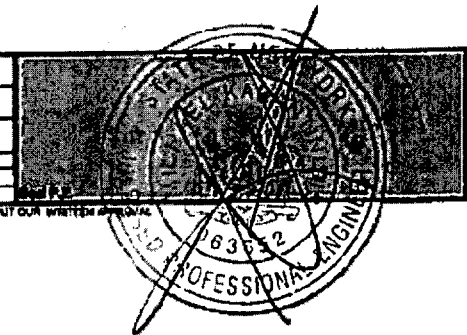
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CONCRETE TESTING LABORATORY LICENSE N° 54

REMARKS:			
PLANNING TECHNICIAN:	Michael Karasinski, PE	Licenses ID:	65052
FIELD TECHNICIAN:	JUSTINLE KARANTINIS	Licenses ID:	1361473

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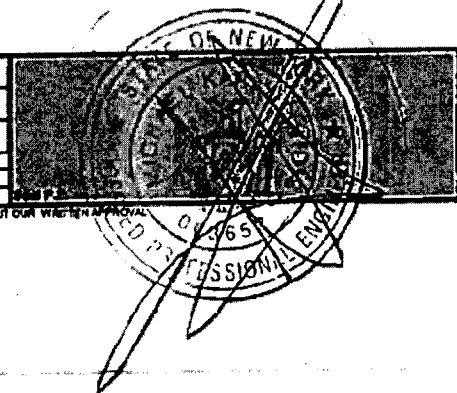


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CONCRETE TESTING LABORATORY LICENSE # 54

REMARKS:	
PLANT TECHNICIAN: Michael Karantiniadis, PE	Licence ID: 63652
FIELD TECHNICIAN: ARISTOTLE KARANTINIDIS	Licence ID: 1381473
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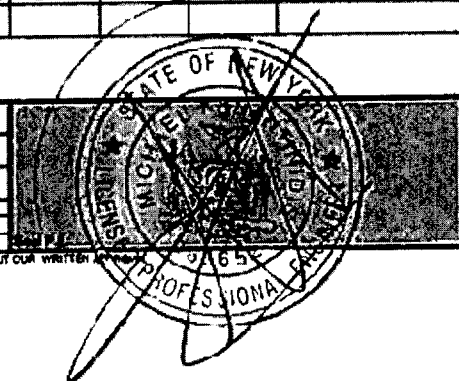
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CONCRETE TESTING LABORATORY LICENSE # 14

PLANT TECHNICIAN: Michael Karanitsis, PE FIELD TECHNICIAN: ADRIAN L. KARAMITSIS	Licence ID: 63253 Licence EC: 136173	
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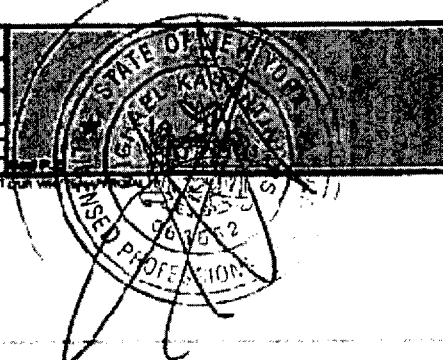
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Administrative Office 34-01 Broadway, Astoria, N.Y. 11106
Tel (718) 726-1527 Fax (718) 956-0274

Project No./Report No.	1747621	Sampling of Fresh Concrete ASTM C173	YES
Client Name/Address	14-41 31ST AVENUE, GUTTEN	Mixing and Curing Conditions as per ASTM C173	YES
Concrete Contractor	ITL-6317-CR	Concrete Temperature (T1-T7) C(10)	T1-T5: 72°, T6-T7: 72°
Concrete Pump	CONCRETE READY MIX	Air Content (ASTM C173) Vol. %	NO
Concrete Finish	SPIN FIN PUMP	Mo. Content (ASTM C173) Percent	T1-T5: 6.0%, T6-T7: 6.0%
Test Date	10/13/2009	Slump ASTM C143 (inches) / ASTM C138	T1-T5: 7.00"/149.60 lbs/c, T6-T7: 7.00"/149.60 lbs/c
Date of Concrete Pour	08/05/09	Unconfined Compression (ASTM C39)	YES
Weather	Weather 24A	Sealed Concrete (ASTM C31)	NO
Lab Director	DR. MICHAEL KARANTZOS, P.E. (License No: 14545)	Testing of Reinforced Concrete (ASTM C43)	NO
		Compressive Strength of Specimens (ASTM C39)	YES

SAMPLE NUMBER	SPECIMEN LENGTH (in)	AVERAGE DIAMETER (in)	LENGTH/DIAMETER RATIO (in)	CROSS SECTIONAL AREA (sq. in)	STRENGTH CORRECTION FACTOR (in)	PEAK FORCE (lb)	STRENGTH CORRECTED (lb)	STRENGTH CORRECTED (ksi)	SPECIMEN AGE (DAYS)	TYPE OF FRACTURE ASTM C39	COMMENTS / DEFECTS / LOCATION OF PLACEMENT
3802	4.00	4.00	12.56			88,120	8,777	6,785	28	COLUMNAR	CELLAR SLAB
3803	4.00	4.00	12.56			87,230	8,945	6,945	28	COLUMNAR	CELLAR SLAB
3804	4.00	4.00	12.56			81,880	8,518	6,520	28	COLUMNAR	CELLAR SLAB
3805	4.00	4.00	12.56			82,260	8,629	6,530	28	COLUMNAR	CELLAR SLAB
3806	4.00	4.00	12.56			90,580	7,212	7,210	28	COLUMNAR	CELLAR SLAB
3807	4.00	4.00	12.56			89,050	7,990	7,090	28	COLUMNAR	CELLAR SLAB
3808	4.00	4.00	12.56			83,230	4,238	4,240	28	DIAGONAL	CELLAR SLAB
3809	4.00	4.00	12.56			61,030	4,859	4,860	28	COLUMNAR	CELLAR SLAB
3810	4.00	4.00	12.56			47,030	3,744	3,740	28	COLUMNAR	CELLAR SLAB
3811	4.00	4.00	12.56			51,340	4,088	4,090	28	DIAGONAL	CELLAR SLAB
3812	4.00	4.00	12.56			52,100	4,148	4,150	28	COLUMNAR	CELLAR SLAB
3813	4.00	4.00	12.56			51,940	4,135	4,135	28	DIAGONAL	CELLAR SLAB
3814	4.00	4.00	12.56			58,700	4,814	4,510	28	COLUMNAR	CELLAR SLAB
3815	4.00	4.00	12.56			51,360	4,088	4,090	28	COLUMNAR	CELLAR SLAB

THE CITY OF NEW YORK DEPARTMENT OF BUILDINGS

CONCRETE TESTING LABORATORY LICENSE # 14

REMARKS		
PLANT TECHNICIAN: Michael Karantzos, P.E.	License ID: 13852	
FIELD TECHNICIAN: ANISTYLE KAPANTZOS	License ID: 1381473	

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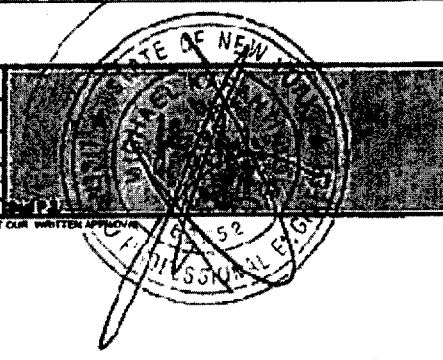
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Administrative Office 34-01 Broadway, Astoria, N.Y. 11106
Tel: (718) 726-1527 Fax: (718) 956-0274

Report Date: 11/17/2011	Sampling of Fresh Concrete ASTM C173	YES
Project Name: 12-43 31ST AVENUE, QUEENS	Testing and curing specimens in the field	YES
Location: 12-43 31ST AVENUE, QUEENS	Concrete Type: Normal Weight Concrete	T1-T5: 60" 26-T6: 60" T9-T12: 60"
Contractor: JKL CONCRETE READY MIX	ASTM C173 (11/17/2011)	NO
Concrete Strength: 4000 PSI PUMP	ASTM C173 (11/17/2011)	T1-T5: 5.8% T6-T9: 5.8% T11-T12: 5.8%
Test Date: 11/17/2011	ASTM C173 (11/17/2011)	T1-T5: 6.80" 14.20 lbs/c T6-T9: 7.80" 14.20 lbs/c
Date of Concrete Pour: 11/17/2011	Weather: N/A	YES
Lab: International Geotechnical/Structural Laboratories Inc.	Testing of Concrete: Compression	NO
	Testing of Concrete: Tensile	NO
	Testing of Concrete: Flexure	YES

LAB SAMPLE NUMBER	SPECIMEN LENGTH (IN)	AVERAGE DIAMETER (IN)	LENGTH/ DIAMETER RATIO (0.00)	CROSS SECTIONAL AREA (0.00 sq in)	SYNERGY CORRECTION FACTOR (0.00)	PEAR FORCE (lbs)	STRENGTH (psi)	CORRECTED (psi)	SPECIMEN AGE (DAYS)	TYPE OF FRACTURE	COMMENTS/ DEFECTS/ LOCATION OF PLACEMENT
3069	4.00	4.00	12.54			72,630	5,775	5,775	28	DIAGONAL	1st FLOOR SLAB
3070	4.00	4.00	12.54			78,130	6,221	6,220	28	COLUMNAR	1st FLOOR SLAB
3071	4.00	4.00	12.54			74,250	5,912	5,910	28	DIAGONAL	1st FLOOR SLAB
3072	4.00	4.00	12.54			72,560	5,777	5,780	28	DIAGONAL	1st FLOOR SLAB
3073	4.00	4.00	12.54			74,400	5,924	5,920	28	DIAGONAL	1st FLOOR SLAB
3074	4.00	4.00	12.54			73,310	5,837	5,840	28	DIAGONAL	1st FLOOR SLAB
3075	4.00	4.00	12.54			77,010	6,131	6,130	28	COLUMNAR	1st FLOOR SLAB
3076	4.00	4.00	12.54			79,640	6,341	6,340	28	DIAGONAL	1st FLOOR SLAB
3077	4.00	4.00	12.54			81,450	6,465	6,465	28	COLUMNAR	1st FLOOR SLAB
3078	4.00	4.00	12.54			79,110	6,299	6,300	28	COLUMNAR	1st FLOOR SLAB
3079	4.00	4.00	12.54			72,000	5,740	5,740	28	DIAGONAL	1st FLOOR SLAB
3080	4.00	4.00	12.54			73,220	5,830	5,830	28	COLUMNAR	1st FLOOR SLAB
3081	4.00	4.00	12.54			74,130	5,902	5,900	28	COLUMNAR	1st FLOOR SLAB
3082	4.00	4.00	12.54			72,330	5,758	5,760	28	COLUMNAR	1st FLOOR SLAB
3083	4.00	4.00	12.54			80,230	6,382	6,380	28	DIAGONAL	1st FLOOR SLAB
3084	4.00	4.00	12.54			82,130	6,538	6,540	28	COLUMNAR	1st FLOOR SLAB

THE CITY OF NEW YORK DEPARTMENT OF BUILDINGS

CONCRETE TESTING LABORATORY LICENSE # 54

REMARKS:		
PLANT TECHNICIAN: Michael Karantinos, PE	License ID: 65082	
FIELD TECHNICIAN: ANISTOLE KARANTINOS	License ID: 381173	

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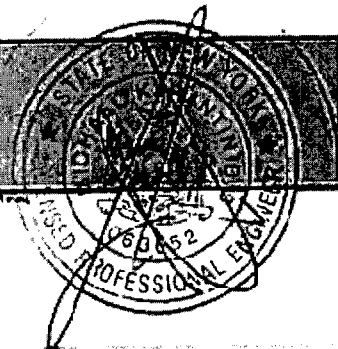
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CONCRETE TESTING LABORATORY LICENSE # 54

SALARY VERIFICATION: <u>Michael Karaminda, PE</u> SPECIAL VERIFICATION: <u>AMITYVILLE KARAMINDAS</u>	LICENSE ID: <u>65652</u> LICENSE ID: <u>1561473</u>	

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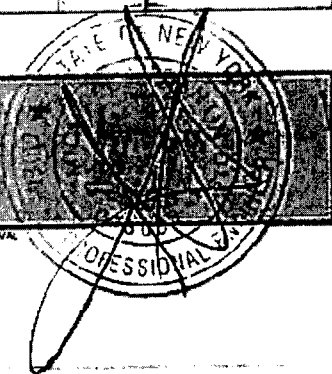
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CONCRETE TESTING LABORATORY LICENSE # 54

REMARKS					
PLANT TECHNICIAN:	Michael Karantzas, PE	Licence No:	65853		
FIELD TECHNICIAN:	Alexey L. Karantzas	Licence No:	138729		

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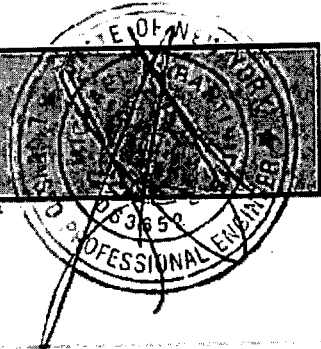
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1. **NAME:** _____
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 6. **MOON:** _____
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 150. **REMARKS:** _____
 151. **SKETCH:** _____
 152. **DESCRIPTION:** _____
 153. **CONCLUSION:** _____
 154. **SIGNATURE:** _____
 155. **INITIALS:** _____
 156. **DATE:** _____
 157. **TIME:** _____
 158. **LOCATION:** _____
 159. **WEATHER:** _____
 160. **MOON:** _____
 161. **STARS:** _____
 162. **PLANETS:** _____
 163. **OTHER:** _____
 164. **REMARKS:** _____
 165. **SKETCH:** _____
 166. **DESCRIPTION:** _____
 167. **CONCLUSION:** _____
 168. **SIGNATURE:** _____
 169. **INITIALS:** _____
 170. **DATE:** _____
 171. **TIME:** _____
 172. **LOCATION:** _____
 173. **WEATHER:** _____
 174. **MOON:** _____
 175. **STARS:** _____
 176. **PLANETS:** _____
 177. **OTHER:** _____
 178. **REMARKS:** _____
 179. **SKETCH:** _____
 180. **DESCRIPTION:** _____
 181. **CONCLUSION:** _____
 182. **SIGNATURE:** _____
 183. **INITIALS:** _____
 184. **DATE:** _____
 185. **TIME:** _____
 186. **LOCATION:** _____
 187. **WEATHER:** _____
 188. **MOON:** _____
 189. **STARS:** _____
 190. **PLANETS:** _____
 191. **OTHER:** _____
 192. **REMARKS:** _____
 193. **SKETCH:** _____
 194. **DESCRIPTION:** _____
 195. **CONCLUSION:** _____
 196. **SIGNATURE:** _____
 197. **INITIALS:** _____
 198. **DATE:** _____
 199. **TIME:** _____
 200. **LOCATION:** _____
 201. **WEATHER:** _____
 202. **MOON:** _____
 203. **STARS:** _____
 204. **PLANETS:** _____
 205. **OTHER:** _____
 206. **REMARKS:** _____
 207. **SKETCH:** _____
 208. **DESCRIPTION:** _____
 209. **CONCLUSION:** _____
 210. **SIGNATURE:** _____
 211. **INITIALS:** _____
 212. **DATE:** _____
 213. **TIME:** _____
 214. **LOCATION:** _____
 215. **WEATHER:** _____
 216. **MOON:** _____
 217. **STARS:** _____
 218. **PLANETS:** _____
 219. **OTHER:** _____
 220. **REMARKS:** _____
 221. **SKETCH:** _____
 222. **DESCRIPTION:** _____
 223. **CONCLUSION:** _____
 224. **SIGNATURE:**

THE CITY OF NEW YORK DEPARTMENT OF BUILDINGS

CONCRETE TESTING LABORATORY LICENSE # 84

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Administrative Office 34-01 Broadway, Astoria, N.Y. 11106
Tel: (718) 726-1527 Fax: (718) 956-0274

Project No.	0140821	Sample of Fresh Concrete	ASTM C117	YES
Address	1445 31ST AVENUE, QUEENS	Compressive Strength	ASTM C39	YES
Job No.	TEL-6317-CR	Concrete	ASTM C117	YES
Contract Description		Concrete	ASTM C117	YES
Concrete Description		Concrete	ASTM C117	YES
Concrete Strength	JK CONCRETE READY MIX	Concrete	ASTM C117	YES
Concrete Pump	5.500 PSI PUMP	Concrete	ASTM C117	YES
Date of Concrete Pour	11/02/00	Concrete	ASTM C117	YES
Weather	HA	Concrete	ASTM C117	YES

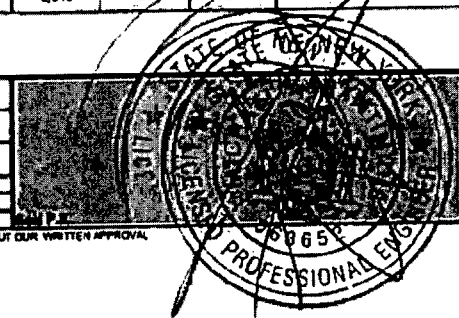
LAB SAMPLE NUMBER	SPALL LENGTH (INCH)	AVERAGE DIAMETER (INCH)	LENGTH/ DIAMETER RATIO (0.00)	CROSS SECTIONAL AREA (SQ IN)	STRENGTH CORRECTION FACTOR (0.00)	POUR FORCE (PSI)	STRENGTH (PSI)	STRENGTH CORRECTED (PSI)	SPECIMEN AGE (DAYS)	TYPE OF FRACTURE ASTM C39	COMMENTS / DEFECTS / LOCATION OF PLACEMENT
4116		4.00		12.56		84,800	6,805	6,805	28	DIAGONAL	2nd FLOOR SLAB
4117		4.00		12.56		84,489	7,524	7,520	28	COLUMNAR	2nd FLOOR SLAB
4118		4.00		12.56		118,430	8,278	8,270	28	DIAGONAL	2nd FLOOR SLAB
4119		4.00		12.56		111,850	8,905	8,905	28	DIAGONAL	2nd FLOOR SLAB
4120		4.00		12.56		108,710	8,178	8,180	28	DIAGONAL	2nd FLOOR SLAB
4121		4.00		12.56		87,780	6,989	6,990	28	COLUMNAR	2nd FLOOR SLAB
4122		4.00		12.56		87,480	6,965	6,965	28	COLUMNAR	2nd FLOOR SLAB
4123		4.00		12.56		108,680	8,853	8,850	28	COLUMNAR	2nd FLOOR SLAB
4124		4.00		12.56		84,030	7,809	7,810	28	DIAGONAL	2nd FLOOR SLAB
4125		4.00		12.56		95,470	7,801	7,800	28	COLUMNAR	2nd FLOOR SLAB
4126		4.00		12.56		83,960	6,813	6,810	28	COLUMNAR	2nd FLOOR SLAB
4127		4.00		12.56		81,440	6,484	6,480	28	DIAGONAL	2nd FLOOR SLAB
4128		4.00		12.56		118,180	8,772	8,770	28	COLUMNAR	2nd FLOOR SLAB
4129		4.00		12.56		115,250	9,176	9,180	28	COLUMNAR	2nd FLOOR SLAB
4130		4.00		12.56		108,300	8,463	8,460	28	DIAGONAL	2nd FLOOR SLAB
4131		4.00		12.56		86,770	6,908	6,910	28	COLUMNAR	2nd FLOOR SLAB

THE CITY OF NEW YORK DEPARTMENT OF BUILDINGS

CONCRETE TESTING LABORATORY LICENSE # 14

REMARKS:		
PLANT TECHNICIAN	Moshe Karandis, PE	License No: 83852
FIELD TECHNICIAN	ANASTOLIA KACANTHOS	License No: 131473

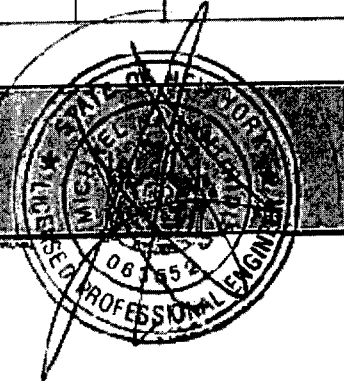
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CONCRETE TESTING LABORATORY LICENSE # 54

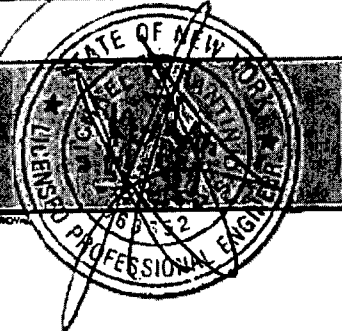
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[illegible]

CONCRETE TESTING LABORATORY LICENSE N° 54

REMARKS: 		PLANT TECHNICIAN: Michael Karantindis, PE Licence ID: 65652		
		FIELD TECHNICIAN: ANISTOYLE KARANTINDIS Licence ID: 1581473		



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1. The first step in the process of identifying a problem is to recognize that a problem exists. This involves gathering information about the situation and identifying the specific issue that needs to be addressed.

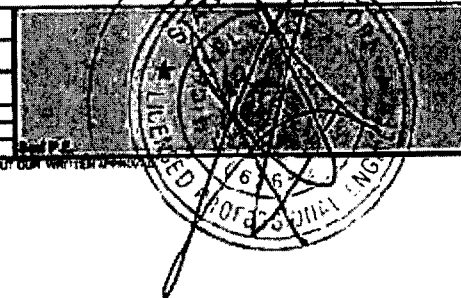
CONCRETE TESTING LABORATORY LICENSE # 54

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CONCRETE TESTING LABORATORY LICENSE # 64

REMARKS					
ICANT TECHNICIAN:	Musawir Khariminda, PE	License ID:	63485		
WENTY-THREE:	AUSTON LE COEURINDE	License ID:	1361773		



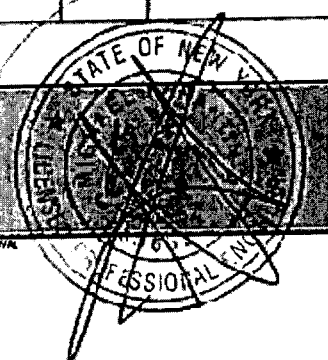
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CONCRETE TESTING LABORATORY LICENSE # 64

CLASSIFICATION	EXEMPT CATEGORY: DE	EXEMPT CODE: 6362
DATE	EXEMPT CATEGORY: DE	EXEMPT CODE: 158103

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Administrative Office 34-01 Broadway, Astoria, N.Y. 11106
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Report Date: 11/17/01	Sampling of Fresh Concrete ASTM C39	YES
Project: 14-41 51ST AVENUE, QUEENS	Batching and Curing Conditions: 18" x 18" x 36" (C)	YES
Job No: ATL-4317-CR	ASTM C39	T1-T5: 11" x 16" x 78" T6-T12: 78"
Concrete: JK CONCRETE READY MIX	ASTM C39	NO
Test Results: 12/18/01	ASTM C39	T1-T5: 4.8%, T6-T7: 4.8%, T8-T11: 4.8%, T12: 4.5%
Date of Concrete Pour: 11/02/01	ASTM C39	T1-T5: 6.80"/144.30 lbs, T6: 6.80"/144.30 lbs, T7: 7.80"/144.30 lbs, T8-T11: 6.80"/144.30 lbs, T12: 6.80"/144.30 lbs
City Director: MICHAEL HAN	ASTM C39	YES
	ASTM C39	NO
	ASTM C39	NO
	ASTM C39	YES

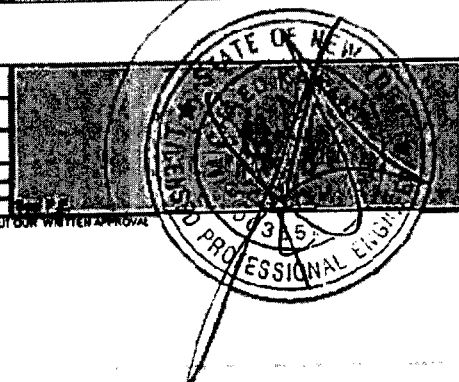
LAB SAMPLE NUMBER	SPECIMEN LENGTH (IN)	AVERAGE DIAMETER (IN)	LENGTH/ DIAMETER RATIO (C.O.)	CROSS SECTIONAL AREA (SQ IN)	STRENGTH CORRECTION FACTOR (C.O.)	PEAK FORCE (LB)	COMPRESSIVE STRENGTH (PSI)	COMPRESSIVE STRENGTH CORRECTED (PSI)	SPECIMEN AGE (DAYS)	TYPE OF FRACTURE ASTM C39	COMMENTS / DEFECTS / LOCATION OF PLACEMENT
4338	3.99	12.50		12.50		62,300	4,380	4,990	28	COLUMNAR	4th FLOOR SLAB
4339	3.99	12.50		12.50		64,176	5,134	5,130	28	DIAGONAL	4th FLOOR SLAB
4340	3.99	12.50		12.50		64,220	5,288	5,300	28	COLUMNAR	4th FLOOR SLAB
4341	3.99	12.50		12.50		60,368	4,420	4,830	28	COLUMNAR	4th FLOOR SLAB
4342	3.99	12.50		12.50		71,210	5,687	5,780	28	COLUMNAR	4th FLOOR SLAB
4343	3.99	12.50		12.50		70,676	5,654	5,850	28	COLUMNAR	4th FLOOR SLAB
4344	3.99	12.50		12.50		73,140	5,651	5,850	28	DIAGONAL	4th FLOOR SLAB
4345	3.99	12.50		12.50		71,376	5,710	5,710	28	DIAGONAL	4th FLOOR SLAB
4346	3.99	12.50		12.50		75,510	5,941	6,040	28	COLUMNAR	4th FLOOR SLAB
4347	3.99	12.50		12.50		74,350	5,948	5,930	28	DIAGONAL	4th FLOOR SLAB
4348	3.99	12.50		12.50		64,700	5,178	5,180	28	COLUMNAR	4th FLOOR SLAB
4349	3.99	12.50		12.50		67,376	5,390	5,390	28	COLUMNAR	4th FLOOR SLAB
4350	3.99	12.50		12.50		72,510	5,807	5,800	28	DIAGONAL	4th FLOOR SLAB
4351	3.99	12.50		12.50		70,330	5,626	5,830	28	COLUMNAR	4th FLOOR SLAB
4352	3.99	12.50		12.50		74,780	5,878	5,880	28	COLUMNAR	4th FLOOR SLAB
4353	3.99	12.50		12.50		71,320	5,706	5,710	28	DIAGONAL	4th FLOOR SLAB

THE CITY OF NEW YORK DEPARTMENT OF BUILDINGS

CONCRETE TESTING LABORATORY LICENSE # 54

REMARKS:		
LABORATORY TECHNICIAN: MICHAEL HAN	License ID: 83813	
FIELD TECHNICIAN: ARISTOTLE KOUNTAKIS	License ID: 1981473	

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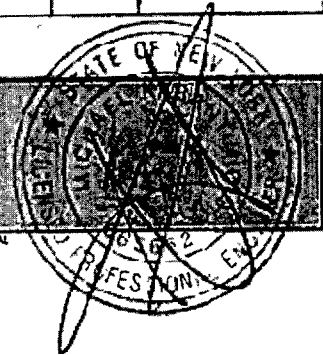


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CONCRETE TESTING LABORATORY LICENSE # 34

LABORER TECHNICIAN: Michael Karamanidis, PE FIELD TECHNICIAN: ARISTOTELIS KARAYIANNIDIS		Licensed By: 63852 Licensed In: 1361673	
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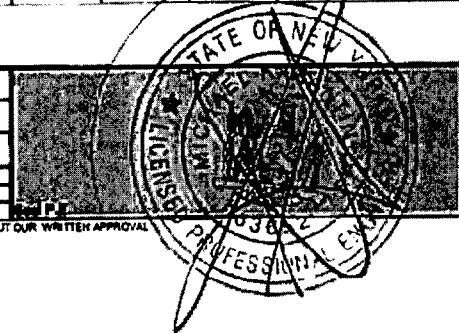


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CONCRETE TESTING LABORATORY LICENSE N° 64

PARTIAL: 		COMPLETE TESTING DOCUMENTARY NUMBER: N-14	
PARTY TECHNICIAN: Michael Karantinos, P.E.		License No: 83662	
FIELD TECHNICIAN: ANASTOLOS KARANTINOS		License No: 081473	
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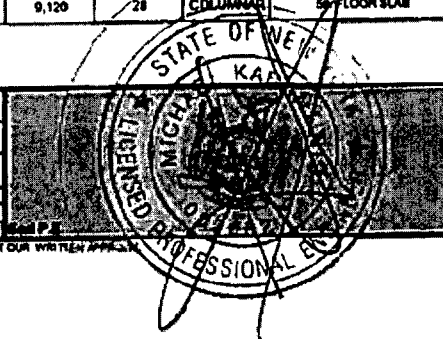
www.internationalgeotech.com
Administrative Office: 34-01 Broadway, Astoria, N.Y. 11106
Tel: (718) 726-1527 Fax: (718) 956-0274

Project Name: 1712031	Sampling of Fresh Concrete (1712031)	YES
Project Address: 14-43 31ST AVENUE, QUEENS	Making and Curing Location: 1712031	YES
Job No./Project No.: TL-6317-CR	Concrete Test Agency: GCI	T1-T5: 64'; T6: 64'; T7-T11: 66'; T12: 68'
Concrete Type: JK CONCRETE READY MIX	AP Concrete (1712031) (1712031)	NO
Concrete Pump: 1800 PSI PUMP	AP Concrete (1712031) (1712031)	T1-T5: 5.4%; T6-T10: 5.8%; T11-T12: 5.9%
Concrete Age: 28 DAYS	AP Concrete (1712031) (1712031)	T1-T5: 8.87% T6-T10: 8.8% T11-T12: 8.8%
Date of Concrete Pour: 12/1/01	AP Concrete (1712031) (1712031)	YES
Weather: NA	AP Concrete (1712031) (1712031)	NO
Remarks: IMPROVEMENTS IN THE FOUNDATION	AP Concrete (1712031) (1712031)	NO
	AP Concrete (1712031) (1712031)	YES

LAB SAMPLE NUMBER	SPECIMEN LENGTH (0.00')	AVERAGE DIAMETER (0.00')	LENGTH/ DIAMETER RATIO (0.00)	CROSS SECTIONAL AREA (0.00 sq ft)	STRENGTH CORRECTION FACTOR (0.00)	PEAK FORCE (lb)	COMPRESSIVE STRENGTH (ksi)	COMPRESSIVE STRENGTH CORRECTED (ksi)	SPECIMEN AGE (DAYS)	TYPE OF FRACTURE ASTM C39	COMMENTS / DEFECTS / LOCATION OF PLACEMENT
4443		4.00		12.56		117,308	9.338	9.348	28	DIAGONAL	5TH FLOOR SLAB
4444		4.00		12.56		113,718	9.053	9.050	28	DIAGONAL	5TH FLOOR SLAB
4445		4.00		12.56		112,560	9.862	9.860	28	COLUMNAR	5TH FLOOR SLAB
4446		4.00		12.56		114,700	9.132	9.130	28	DIAGONAL	5TH FLOOR SLAB
4447		4.00		12.56		126,880	10.008	10.010	28	COLUMNAR	5TH FLOOR SLAB
4448		4.00		12.56		124,700	9.928	9.930	28	COLUMNAR	5TH FLOOR SLAB
4449		4.00		12.56		117,825	9.386	9.388	28	DIAGONAL	5TH FLOOR SLAB
4450		4.00		12.56		119,570	9.520	9.520	28	COLUMNAR	5TH FLOOR SLAB
4451		4.00		12.56		123,880	9.848	9.850	28	COLUMNAR	5TH FLOOR SLAB
4452		4.00		12.56		128,510	10.232	10.230	28	DIAGONAL	5TH FLOOR SLAB
4453		4.00		12.56		129,770	10.332	10.330	28	COLUMNAR	5TH FLOOR SLAB
4454		4.00		12.56		124,510	9.913	9.910	28	DIAGONAL	5TH FLOOR SLAB
4455		4.00		12.56		124,780	9.936	9.940	28	COLUMNAR	5TH FLOOR SLAB
4456		4.00		12.56		115,470	9.193	9.190	28	COLUMNAR	5TH FLOOR SLAB
4457		4.00		12.56		117,380	9.348	9.350	28	DIAGONAL	5TH FLOOR SLAB
4458		4.00		12.56		114,580	9.121	9.120	28	COLUMNAR	5TH FLOOR SLAB

THE CITY OF NEW YORK DEPARTMENT OF BUILDINGS

CONCRETE TESTING LABORATORY LICENSE # 64

REMARKS		
PLAN TECHNICIAN: Michael Karam, P.E.	License No: 136147	
FIELD TECHNICIAN: ANASTASIO KONANTINOS	License No: 136147	

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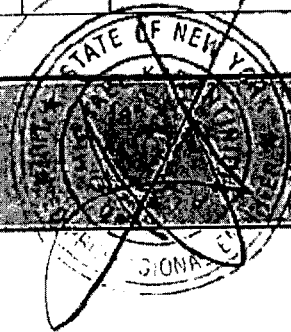
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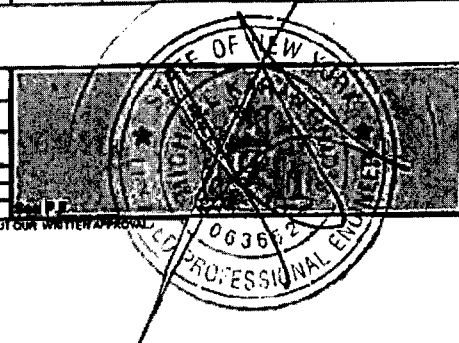


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CONCRETE TESTING LABORATORY LICENSE # 64

		COURTESY TESTING LABORATORY CHICAGO, ILL.		
REMARKS:				
FOOT TECHNIQUE:	Michael E. Smith, PG	License No:	8-2853	
FIELD TECHNIQUE:	AMSTUTLE BARRINGTONS	EXP. DATE:	1/8/12/5	



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Project Name: 14-43 31ST AVENUE, QUEENS	Sampling & Testing Location: WITHIN CONCRETE	YES
ASTM: C1197-07	Concrete Type: READY MIX	YES
Concrete Strength: 4000 PSI	Concrete Age: 28 DAYS	T1-T5: 72" T6-T10: 72"
Date of Concrete Pour: 11/17/2011	Weather: MA	NO
Lab Director: [Signature]	Test Results: 4.8% T1-T5, 4.8% T6-T10	T1-T5: 4.8% T6-T10: 4.8%
		T1-T5: 9.90"/144.80 lbs T6-T10: 9.90"/144.80 lbs
		YES
		NO
		NO
		YES

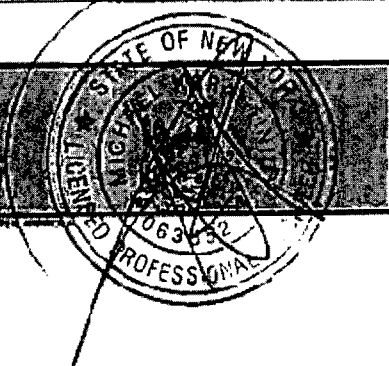
LAB SAMPLE NUMBER	SPECIMEN LENGTH (IN)	AVERAGE DIAMETER (IN)	LENGTH/ DIAMETER RATIO (L/D)	CROSS SECTIONAL AREA (0.00 sq.in)	STRENGTH CORRECTION FACTOR (0.80)	PEAR FORCE (lb)	COMPRESSIVE STRENGTH (psi)	CORRECTED (psi)	SPECIMEN AGE (DAYS)	TYPE OF FRACTURE ASTM C31	COMMENTS/ DEFECTS/ LOCATION OF PLACEMENT
4534		4.01		12.82		88,260	8,587	7,888	28	COLUMNAR	ROOF SLAB
4535		4.01		12.82		88,230	8,833	8,830	28	DIAGONAL	ROOF SLAB
4536		4.01		12.82		92,520	7,331	7,330	28	COLUMNAR	ROOF SLAB
4537		4.01		12.82		91,630	7,261	7,260	28	DIAGONAL	ROOF SLAB
4538		4.01		12.82		96,440	7,583	7,580	28	COLUMNAR	ROOF SLAB
4539		4.01		12.82		92,680	7,344	7,340	28	COLUMNAR	ROOF SLAB
4540		4.01		12.82		85,460	8,772	8,770	28	DIAGONAL	ROOF SLAB
4541		4.01		12.82		87,890	8,964	8,960	28	DIAGONAL	ROOF SLAB
4542		4.01		12.82		91,350	7,239	7,240	28	COLUMNAR	ROOF SLAB
4543		4.01		12.82		90,760	7,182	7,180	28	DIAGONAL	ROOF SLAB
4544		4.01		12.82		97,490	7,725	7,725	28	COLUMNAR	ROOF SLAB
4545		4.01		12.82		95,180	7,542	7,540	28	DIAGONAL	ROOF SLAB
4546		4.01		12.82		94,770	7,816	7,810	28	COLUMNAR	ROOF SLAB
4547		4.01		12.82		96,250	7,627	7,630	28	COLUMNAR	ROOF SLAB
4548		4.01		12.82		87,300	8,916	8,920	28	COLUMNAR	ROOF SLAB
4549		4.01		12.82		88,250	8,834	8,830	28	DIAGONAL	ROOF SLAB

THE CITY OF NEW YORK DEPARTMENT OF BUILDINGS

CONCRETE TESTING LABORATORY LICENSE # 54

REMARKS:		
PLANT TECHNICIAN: [Signature]	LICENSURE NO: 63032	
FIELD TECHNICIAN: ANASTOLE KOURTINOS	LICENSURE NO: 131475	

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CONCRETE TESTING LABORATORY LICENSE # 14

PLANT TECHNICIAN: Michael E. Mendon PE License ID: 8360		
FIELD TECHNICIAN: DAVID L. KOSMAN RIDG License ID: 16123		

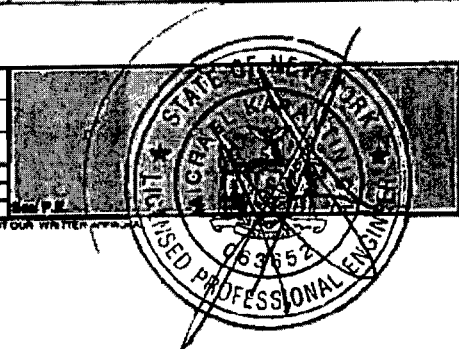


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PLANT TECHNICIAN: Michael Karamanidis, PE License No: 65612
 FIELD TECHNICIAN: ANASTASIO KARAMANIDIS License No: 136143



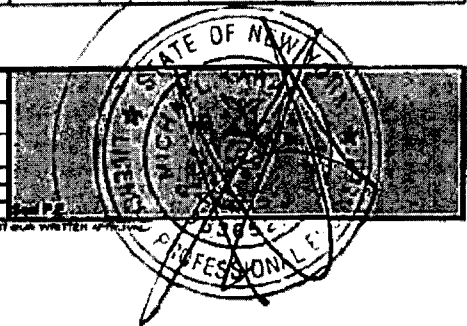
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REMARKS					
PLANT TECHNICIAN: MICHAEL KATZBERG PE					
FIELD TECHNICIAN: ARISTOTLE KARAKITIDIS					
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