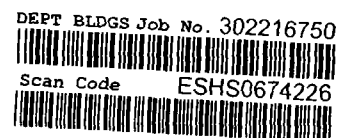




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Client: BIG APPLE TESTING INC.
Jay Rubin
9 Brooklyn Avenue
New Hyde Park, NY 11040

Project ID: 201700106
Weather:
Temperature:

Report Date: 04/12/2017
Report #: 1-3582-000010
Inspector: Jeff Roden
Time Start: 08:00 am
Time Finish:

Project: 991 Willoughby Avenue

REPORT: Compressive Strength of Concrete Cores

MTG NO: 147386-2
Test Method: ASTM C42

Page 1 of 3

Procedure: ASTM C42
Sample Date: 4/12/2017
Sampled By: MTL
Delivered By: MTL

Date Delivered: 4/16/2017
Date Tested: 4/24/2017
Strength Req. (psi): -
Age Tested (Days): 12

Core #	Dia.	Original Height	Height Capped	L/D Ratio	Area sq.in	Max. Load lbs.	P.S.I.	Corr. Factor	Comp. Strength psi.
TP1	3.70	8.00	7.00	1.89	10.75	50550	4700	1.000	4700
TP2	3.70	6.25	5.50	1.49	10.75	63080	5870	0.956	5612
TP3	3.71	8.00	6.25	1.68	10.81	55980	5180	0.974	5045
TP4	3.70	4.00	unable to test - concrete, brick and soil cement						
TP5	3.70	10.00	6.30	1.70	10.75	52830	4910	0.974	4782
TP6	3.71	9.30	5.60	1.51	10.81	48110	4450	0.956	4254

*Deviates more than 1/2" from field measurement.

Remarks: Cores Inside Test Pits (#1-#4). Stairwell Cores (#5 & #6)

Orig: BIG APPLE TESTING INC. Attn: Jay Rubin
(1-ec copy)
1-ec BIG APPLE TESTING INC. Attn: Sara G.
1-ec BIG APPLE TESTING INC. Attn: Shantel Williams

Respectfully Submitted
MT Group

Marisa A. Harte P.E.



06/23/2017



145 Sherwood Avenue, Farmingdale, NY 11735 (631) 815-1900

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Jay Rubin
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New Hyde Park, NY 11040

Project ID: 201700106
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Delivered By: MTL

Date Delivered: 4/16/2017
Date Tested: 4/24/2017
Strength Req. (psi): -
Age Tested (Days): 12

Core #	Dia.	Original Height	Height Capped	L/D Ratio	Area sq.in	Max. Load lbs.	P.S.I.	Corr. Factor	Comp. Strength psi
1	3.71	5.30	4.70	1.27	10.81	55680	5150	0.918	4728
2	3.69	4.10	3.75	1.02	10.69	52770	4930	0.870	4289
3	3.70	5.80	5.30	1.43	10.75	62120	5780	0.952	5503
4	2.72	3.90	3.60	1.32	5.81	37330	6420	0.935	6003
5	2.71	3.20	2.80	1.03	5.77	29240	5070	0.870	4411
6	2.71	4.30	3.80	1.40	5.77	10170	1760	0.948	1668
7	2.70	3.90	3.40	1.26	5.73	11080	1940	0.918	1781
8	2.70	3.50	3.20	1.19	5.73	47200	8240	0.913	7523

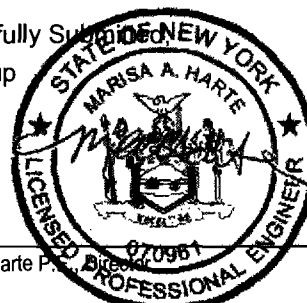
*Deviates more than 1/2" from field measurement.

Remarks: Parking Garage/Slab Cores (#1-#3) Stairwell Cores (#4-#8)

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MTG NO: 147386-2
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Procedure: ASTM C42
Sample Date: 4/12/2017
Sampled By: MTL
Delivered By: MTL

Date Delivered: 4/16/2017
Date Tested: 4/24/2017
Strength Req. (psi): -
Age Tested (Days): 12

Core #	Dia.	Original Height	Height Capped	L/D Ratio	Area sq.in	Max. Load lbs.	P.S.I.	Corr. Factor	Comp. Strength psi.
1	3.69	6.50	6.00	1.63	10.69	82460	7710	0.968	7463
2	3.69	4.70	4.30	1.17	10.69	90870	8500	0.903	7676
3	3.71	5.00	4.75	1.28	10.81	10050	930	0.932	867
4	3.70	5.70	5.00	1.35	10.75	62800	5840	0.940	5490
5	3.70	7.80	7.00	1.89	10.75	49950	4650	1.000	4650

*Deviates more than 1/2" from field measurement.

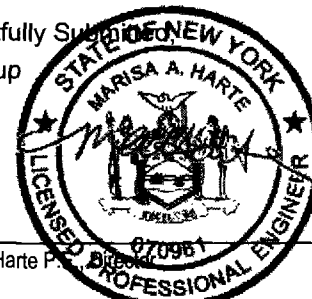
Remarks: Foundation Wall Cores (#1-#5)

Test Methods: ASTM C42

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06/23/2017

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