

IMPACT CONCRETE & CONTROL INSPECTION INC
18-30 129TH STREET, COLLEGE POINT, NY 11356
TEL: 718 939 7774

N.Y.C. DOB LICENSE #000064

FAX: 718 9396444

COMPRESSIVE STRENGTH OF HARDENED CONCRETE

(ASTM C-42)

DATE CORED: 9/3/2021
DATE CUT: 9/7/2021
DATE CAPPED: 9/8/2021
DATE BROKEN: 9/8/2021
PICTURE: YES

Project Location: 589 New York Avenue

CONCRETE CONTRACTOR: NA/

GENERAL LOCATION:

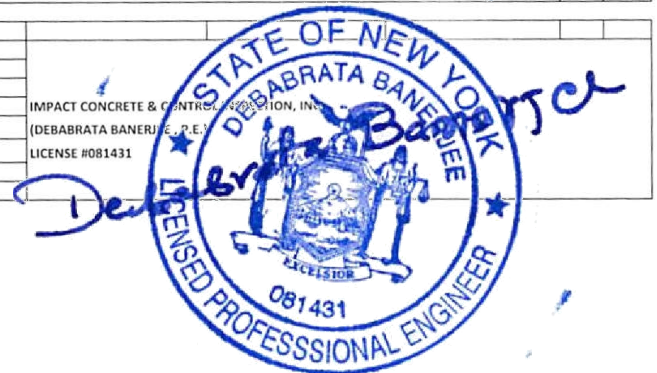
Sidewalk & Driveway

Caliper Used To Measure	ID #	Model #	Serial #	Date Calibrated	Calibration Expiration Date
WAHEED-021-01		54-100-312-0	ICCI101118-1	9/8/2021	9/8/2022

CORE #	#1 Sidewalk	#2 Sidewalk	#3 Sidewalk	#4 Sidewalk	#5 Sidewalk	#6 Driveway				H/D	CF
TYPE OF AGGREGATE	Crushed Stone	Crushed Stone	Crushed Stone	Crushed Stone	Crushed Stone	Crushed Stone				1	0.87
AGE OF CONC	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN				1.1	0.895
DRY CORE WEIGHT	3.07	4.42	3.69	4.37	4.69	5.55				1.15	0.905
UNIT WEIGHT	139	138	141	140	139	133				1.2	0.92
DEPTH OF CORE (Inch)	4.0	5.5	4.8	5.3	6.5	6.5				1.25	0.93
END SAWED	3.45	5.01	4.1	4.89	5.27	6.51				1.3	0.935
HIGHT CAPPED(H)	3.88	5.3	4.35	5.15	5.57	6.56				1.35	0.942
(D)DIAMETERE(IN)	3.75	3.75	3.75	3.75	3.75	3.75				1.4	0.95
AREA- (SQ INCH)	11.04	11.04	11.04	11.04	11.04	11.04				1.45	0.955
H/D RATIO	0.92	1.34	1.09	1.30	1.41	1.74				1.5	0.96
CORRECTION FACTOR(CF)	0.870	0.942	0.895	0.935	0.950	0.980				1.55	0.965
TOTAL LOAD(lb)	54800	59170	64510	72700	66590	66640				1.6	0.97
RESULT (PSI)	4962	5357	5841	6582	6029	6034				1.65	0.975
Corrected Strength	4317	5046	5228	6154	5728	5913				1.7	0.976
Corrected Strength Nearest digit	4315	5045	5230	6155	5730	5915				1.75	0.98
Planeness	Yes	Yes	Yes	Yes	Yes	Yes					
Perpendicularity	Yes	Yes	Yes	Yes	Yes	Yes					
Soundness	Yes	Yes	Yes	Yes	Yes	Yes					

Note: We input the height capped and diameter in the machine to get corrected strength. As per ACI Manual core report represents 85 percent of actual strength of concrete in the field.

REMARKS:											
MEAN	5398										
STANDARD DEVIATION	674.7										
Lab Technician	ACI License #	Field Technician	ACI License #	Field Technician	ACI License #						
		Bakhtiar Saboori	#01534992	Sunny Mastofa	#01364970						
		Milad Saboori	#01386837	Martin Ramirez	#01372221						
		Waqus Gul	#01392431	Gustavo Hernandez	#01364962						
Debabrata Banerjee	#949266	Javier Bello	#01308246	Wascar Ramirez	#01142192						
Waheed Hameed	#01264046			Waheed Hameed	#01264046						
Wascar Ramirez	#01142192	Navid Pournazari	#01388710	Ehsan Haque	#01367718						
Ehsan Haque	#01367718	Ricky Gonzalez	#01142196								



A circular blue ink seal for the State of New York. The outer ring contains the text "STATE OF NEW YORK" at the top and "LICENSED PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside the ring, the name "DEBABRATA BANERJEE" is written in an arc. Below the name is a shield featuring a sun rising over mountains and water, with a banner below it that reads "EXCELSIOR". The license number "081431" is printed at the bottom of the seal. There are some handwritten marks and a date stamp "B-10" visible over the seal.