

15-46 129TH STREET, COLLEGE POINT, NY 11356

TEL: 718 939 7774

COMPRESSIVE STRENGTH OF HARDENED CONCRETE

(ASTM C-42)

N.Y.C. DOB LICENSE #0000064

FAX: 718 9396444

Project Location:

1552 Myrtle Avenue

CONCRETE CONTRACTOR:

NA/

GENERAL LOCATION:

Sidewalk

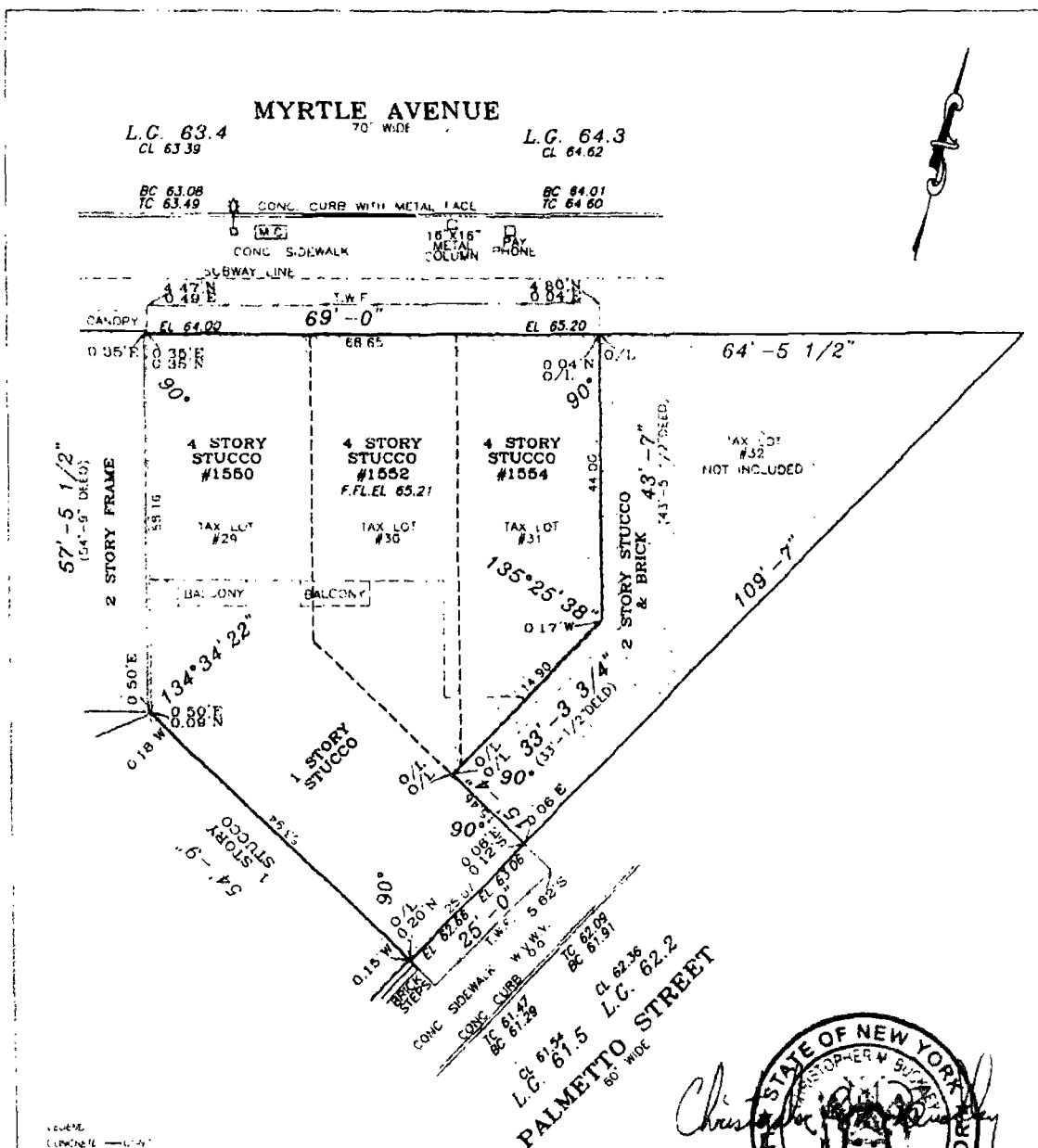
CORE #	#1 Sidewalk	#2 Sidewalk	#3 Sidewalk
TYPE OF AGGREGATE	Crushed Stone	Crushed Stone	Crushed Stone
AGE OF CONC	UNKNOWN	UNKNOWN	UNKNOWN
DRY CORE WEIGHT	3.88	5.97	4.9
UNIT WEIGHT	149	146	154
DEPTH OF CORE (inch)	5.0	7.0	5.8
END SAVED	4.11	6.45	5.02
HIGHT CAPED(H)	4.13	5.39	6.56
(D)DIAMETER(IN)	3.73	3.73	3.73
AREA-(SQ.INCH)	10.93	10.93	10.93
H/D RATIO	1.10	1.73	1.35
CORRECTION FACTOR(CF)	0.895	0.980	0.942
TOTAL LOAD(lb)	18360	26700	29540
CORRECTED STRENGTH	1680	2444	2703
RESULT (PSI)	1680	2445	2705
Planeness	Yes	Yes	Yes
Perpendicularity	Yes	Yes	Yes
Soundness	Yes	Yes	Yes

Note: We input the height 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.

MEN	STANDARD DEVIATION	Field Technician	ACI License #	Field Technician	ACI License #
	3227	Ricky	#01142196	Dave	#949266
Lab Technician		Paul	#01142199	Walheed	#01264046
Miguel Herrera	#01179255	Gladis	#01142190	Kamrul	#01266068
Debabrata Banerjee	#949766	Juan	#00146949	Bever	#01308246
Wahed Hamied	#01264046	Wasar	#01142192		
Kamrul Chowdhury	#01266068	Miguel	#01179255		
Vasquez Ramirez	#01142192	Shawn	#01223180		

IMPACT CONCRETE & CONTROL INSPECTION, INC
(DEBABRATA BANERJEE - P.E.)
LICENSE #081431

NEW YORK
JAN 10 1964
U.S. DEPT. OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D.C. 20535



FINAL SURVEY
 FOR BUILDING DEPARTMENT USE ONLY
 TOTAL LOT AREA IS 5018.1sq.ft.
 ELEVATIONS DATUM: NAVD88

THE OFFSETS OR DIMENSIONS SHOWN FROM THE STRUCTURES TO THE PROPERTY LINES
 ARE FOR A SPECIFIC PURPOSE AND USE AND THEREFORE ARE NOT INTENDED TO GUIDE
 THE ERECTION OF FENCES, RETAINING WALLS, POOLS, PLANTING AREAS,
 ADDITIONS TO STRUCTURES AND ANY OTHER CONSTRUCTION

THE EXISTENCE OF RIGHT OF WAYS AND/OR EASEMENTS
 OF RECORD, IF ANY, NOT SHOWN ARE NOT CERTIFIED.

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 SURVEY IS PREPARED, AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL
 AGENCY AND LENDING INSTITUTION LISTED HEREON, AND TO THE ASSIGNEES OF THE
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 INSTITUTIONS OR SUBSEQUENT OWNERS

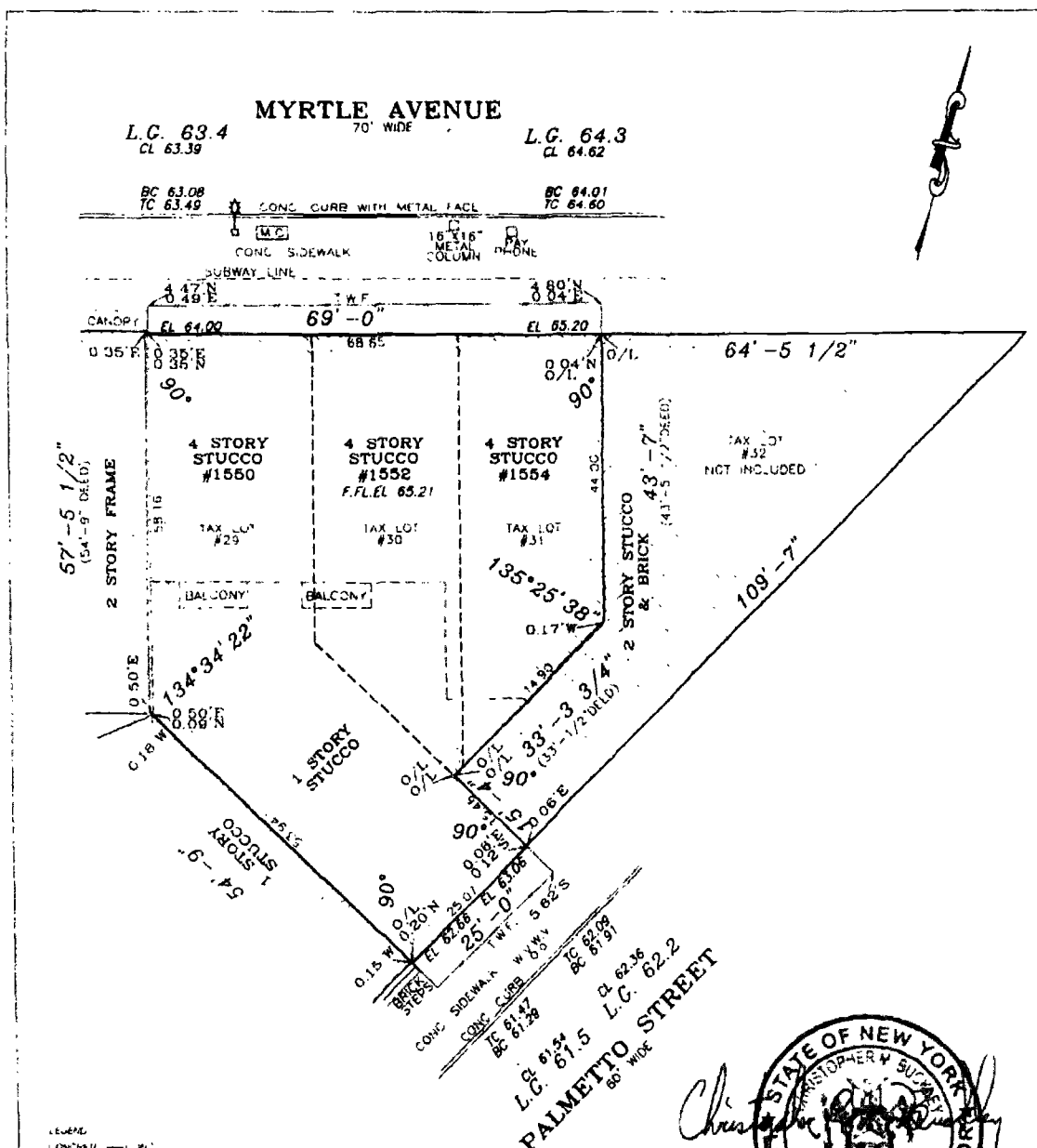
PRECISION SURVEYS
 TITLE • ARCHITECTURAL • BOUNDARY • CONSTRUCTION
 40 FRANKLIN AVE. FRANKLIN SQUARE, N.Y. 11010
 Ph. • (718) 472-1571 • (516) 488-1608
CHRISTOPHER M. BUCKLEY
 PROFESSIONAL LAND SURVEYOR

SURVEY OF: Described Property
 LOCATED AT:
 1550, 1552, 1554 Myrtle Avenue, Brooklyn
 County of Kings
 City and State of New York
 TAX DESIG: Block 3345, Lots 29, 30, 31

CERTIFIED TO:
 Brooklyn North Capital

DATE: May 15, 2017
 SCALE: 1"=20'

Job No. 39966
 Drawn By: MM



LEGEND
 CONCRETE ——— C
 ASPHALT ——— A
 TERRAZZO ——— T
 METAL COVER ——— M
 WATER MAIN ——— W

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N.Y.C. DOB LICENSE #000064

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COMPRESSIVE STRENGTH OF HARDENED CONCRETE

(ASTM C-42)

DATE CORED: 1/9/2018
DATE CUT: 1/13/2018
DATE CAPPED: 1/13/2018
DATE BROKEN: 1/15/2018
PICTURE: YES

Project Location: 1552 Myrtle Avenue

CONCRETE CONTRACTOR: NA/

GENERAL LOCATION: Sidewalk

CORE #	#1 Sidewalk	#2 Sidewalk	#3 Sidewalk						H/D	CF
TYPE OF AGGREGATE	Crushed Stone	Crushed Stone	Crushed Stone						1	0.87
AGE OF CONC	UNKNOWN	UNKNOWN	UNKNOWN						1	0.895
DRY CORE WEIGHT	3.88	5.97	4.9						1.35	0.905
UNIT WEIGHT	149	146	154						1.7	0.97
DEPTH OF CORE (Inch)	5.0	7.0	5.8						1.25	0.93
END SAWED	4.11	6.45	5.02						1.2	0.935
HIGHT CAPPED(H)	4.13	5.39	6.56						1.35	0.942
(D)DIAMETERE(IN)	3.73	3.73	3.73						1.14	0.93
AREA- (SQ INCH)	10.93	10.93	10.93						1.34	0.955
H/D RATIO	1.10	1.73	1.35						1.52	0.96
CORRECTION FACTOR(CF)	0.895	0.980	0.942						1.52	0.96
TOTAL LOAD(lb)	18360	26700	29540						1.6	0.97
CORRECTED STRENGTH	1680	2444	2703						1.65	0.975
RESULT (PSI)	1680	2445	2705						1.7	0.976
Planeness	Yes	Yes	Yes						1.75	0.98
Perpendicularity	Yes	Yes	Yes							
Soundness	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.

MEAN	2277				
STANDARD DEVIATION	532.8	Field Technician	ACI License #	Field Technician	ACI License #
		Ricky	#01142196	Dave	#949266
Lab Technician	ACI License #	Paul	#01142199	Waheed	#01264046
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