



Client: Domani Inspections
Site Address: 30 West 46th St. New York, NY
Inspector(s): Brandon Goleman / Anthony Osuji

Inspection Date: 10/16/15
Report Number: -10162015-CORE
Required PSI: 4000psi

Compressive Strength of Drilled Concrete Cores

Core ID	Recovered Dimensions			Maximum Aggregate Size	Core Description / Location				Sawcut Length
	LENGTH	x	DIAMETER						
1	5.00	x	3.75	NA	Northeast corner of 60' x 20' Sidewalk				4.50
		x							
		x							
		x							
		x							
		x							
		x							
		x							
Core ID	Capped Dimensions			Cross Sectional Area	L / D Ratio	L / D Correction	Compressive Force (lbs)	Compressive Strength (psi)	Break Type
	LENGTH	x	DIAMETER						
1	4.69	x	3.75	11.04	1.25	0.930	52,560	4,426	3

Laboratory Technician: Ronald Denton
ACI #: 0130532

- Type 1: Reasonably well formed cones on both ends, <1" of cracking through caps
Type 2: Well formed cone on one end, vertical cracks running through caps
Type 3: Columnar vertical cracking through both ends, no well formed cones
Type 4: Diagonal fracture with no cracking through ends
Type 5: Side fractures top and bottom
Type 6: Similar to type 5 but end of cylinder is pointed



Reviewed By: James M. Patterson P.E

10/26/2015
Date: