

Report of Concrete Compressive Strength

ASTM C-31 & C-39

Project Name: PORTLAND ME - RESIDENCE INN BY MARRIOTT - MATERIALS TESTING

Project Number: 06-0726.2

Client: CHAPIN REALTY, LLC

Client Contract Number:
General Contractor:
Concrete Supplier: DRAGON PRODUCTS

PLACEMENT INFORMATION

Date Cast: 4/22/2008	Time Cast: 3:35	Date Received: 4/24/2008
Placement Location: I-11.5, I-111 J-11, J-11.1, J-IV K-11, K-111, K-IV PILE CAPS		
Placement Method: TAILGATE	Placement Vol. (yd³): 25	
Cylinders Made By: DMR	Aggregate Size (in): 3/4	

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F)	Maximum (°F)
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TEST RESULTS

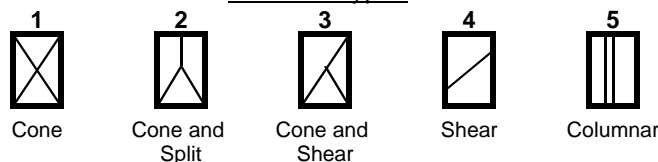
Slump (in) (C-143):	5.5
Air Content (%) (C-231):	7.5
Air Temp (°F):	65
Conc. Temp (°F) (C-1064):	72

DELIVERY INFORMATION

Admixtures:	POLYHEED 997
Load Number:	2
Mixer Number:	177
Ticket Number:	3930093
Cubic Yards:	8.5
Design (psi):	4000

Cylinder Designation	Cylinder Weight (lbs)	Cylinder Diameter (in)	Cross Sectional Area(In) ²	Date Of Test	Cure Type	Age (days)	Fracture Type	Load (kips)	Strength (psi)
851-1A		6.00	28.27	4/29/2008	Lab	7	4	87.0	3080
851-1B		6.00	28.27	5/20/2008	Lab	28	4	119.0	4210
851-1C		6.00	28.27	5/20/2008	Lab	28	4	120.0	4250
851-1D				Hold	Lab				

Fracture Types



Remarks: