

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: 5/6/2008	Time Cast: 10:30	Date Received: 5/8/2008
Placement Location: PILE CAPS & GRADE BEAMS LINE X,V,R,N - LINE 24-27 & N23		
Placement Method: PUMP	Placement Vol. (yd³): 90	
Cylinders Made By: VLT	Aggregate Size (in): 3/4	

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F)	Maximum (°F)
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DELIVERY INFORMATION

Admixtures: POLYHEED 997

TEST RESULTS

Slump (in) (C-143):	Slump WR: 5	Load Number: 4
Air Content (%) (C-231):	Air WR: 7.0	Mixer Number: 183
Air Temp (°F): 60		Ticket Number: 3930290
Conc. Temp (°F) (C-1064): 66		Cubic Yards: 10
		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)
851-4A		6.00	28.27	5/13/2008	Lab	7	4	113.5	4020
851-4B		6.00	28.27	6/3/2008	Lab	28	4	141.0	4990
851-4C		6.00	28.27	6/3/2008	Lab	28	4	139.0	4920
851-4D				Hold	Lab				

Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks: