

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: 5/15/2008 **Time Cast:** 3:20 **Date Received:** 5/16/2008

Placement Location: PILE CAPS + GRADE BEAMS: I TO 1, LINE I, B.7 TO K LINE 3.3 ALL

Placement Method: PUMP*

Placement Vol. (yd³): 94.5

Cylinders Made By: VLT

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: POLYHEED 997

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 4.5

Load Number: 5

Air Content (%) (C-231): **Air WR:** 6

Mixer Number: 170

Air Temp (°F): 50

Ticket Number: 555063

Conc. Temp (°F) (C-1064): 66

Cubic Yards: 52.5

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)
851-6A		6.00	28.27	5/22/2008	Lab	7	4	117.5	4160
851-6B				6/12/2008	Lab	28			
851-6C				6/12/2008	Lab	28			
851-6D				Hold	Lab				

Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks: