

## Report of Concrete Compressive Strength

ASTM C-31 &amp; 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:** 4/25/2008      **Time Cast:** 1:00      **Date Received:** 4/29/2008  
**Placement Location:** PILE CAP T-20 GRADE BEAM 20 T TO W BETWEEN 20 +21 T TO V H - 11, G.3 - 7, 2 - B.7 GRADE BEAM B TO B.7  
**Placement Method:** PUMPED      **Placement Vol. (yd<sup>3</sup>):** 60  
**Cylinders Made By:** DMR      **Aggregate Size (in):** 3/4

### INITIAL CURING CONDITIONS

#### Temperatures

**Minimum (°F)**      **Maximum (°F)**

### DELIVERY INFORMATION

**Admixtures:** POLYHEED 997

### TEST RESULTS

**Slump (in) (C-143):** 5.5  
**Air Content (%) (C-231):** 6.8  
**Air Temp (°F):** 65  
**Conc. Temp (°F) (C-1064):** 63

**Load Number:** 3  
**Mixer Number:** 192  
**Ticket Number:** 3930162  
**Cubic Yards:** 10  
**Design (psi):** 4000

Cylinder Designation	Cylinder Weight (lbs)	Cylinder Diameter (in)	Cross Sectional Area(In) <sup>2</sup>	Date Of Test	Cure Type	Age (days)	Fracture Type	Load (kips)	Strength (psi)
851-2A		6.00	28.27	5/2/2008	Lab	7	4	105.0	3710
851-2B		6.00	28.27	5/23/2008	Lab	28	4	140.0	4950
851-2C		6.00	28.27	5/23/2008	Lab	28	4	142.5	5040
851-2D				Hold	Lab				

#### Fracture Types



Cone



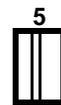
Cone and Split



Cone and Shear



Shear



Columnar

Remarks: