

## 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:** 10/30/2008      **Time Cast:** 11:45      **Date Received:** 11/3/2008  
**Placement Location:** SLAB ON GRADE: LINE 5 TO 7, B TO D  
**Placement Method:** PUMP      **Placement Vol. (yd<sup>3</sup>):** 40  
**Cylinders Made By:** VLT      **Aggregate Size (in):** 3/4

### INITIAL CURING CONDITIONS

**Temperatures**

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

### DELIVERY INFORMATION

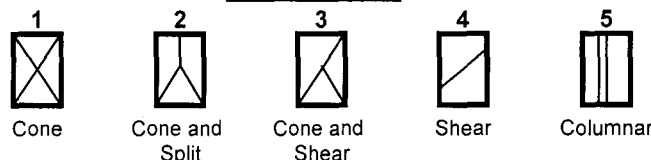
**Admixtures:** POZZUTEC 20 2%  
 POLYHEED 997

### TEST RESULTS

<b>Slump (in) (C-143):</b>	<b>Slump WR:</b> 5 1/4	<b>Load Number:</b> 2
<b>Air Content (%) (C-231):</b>	<b>Air WR:</b> 2.4	<b>Mixer Number:</b> 183
<b>Air Temp (°F):</b> 41		<b>Ticket Number:</b> 3930691
<b>Conc. Temp (°F) (C-1064):</b> 62		<b>Cubic Yards:</b> 10
		<b>Design (psi):</b> 3500

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)
851-34A		6.00	28.27	11/6/2008	Lab	7	4	139.0	4920
851-34B		6.00	28.27	11/27/2008	Lab	28	4	175.0	6190
851-34C		6.00	28.27	11/27/2008	Lab	28	4	178.0	6300
851-34D				Hold	Lab				

Fracture Types



Remarks: