

## 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:** 6/13/2008      **Time Cast:** 10:55      **Date Received:** 6/16/2008  
**Placement Location:** FOOTING OR DELIVERY RAMP WALL LINE 32 RETAINING WALL PARALLEL TO X LINE TOPPING 26-29, 29-32 BOTTOM RETAINING WALL, 19-21 BOTTOM RETAINING WALL  
**Placement Method:** TAILGATE      **Placement Vol. (yd<sup>3</sup>):** 51.5  
**Cylinders Made By:** SJC      **Aggregate Size (in):** 3/4

### INITIAL CURING CONDITIONS

#### Temperatures

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

### DELIVERY INFORMATION

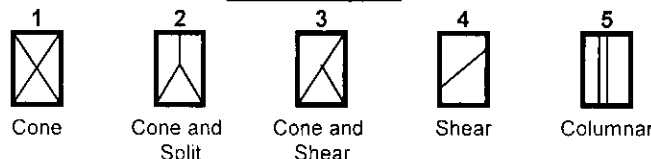
**Admixtures:** POLYHEED 997

### TEST RESULTS

<b>Slump (in) (C-143):</b>	<b>Slump WR:</b> 3.25	<b>Load Number:</b> 4
<b>Air Content (%) (C-231):</b>	<b>Air WR:</b> 4.9	<b>Mixer Number:</b> 192
<b>Air Temp (°F):</b> 73		<b>Ticket Number:</b> 4529546
<b>Conc. Temp (°F) (C-1064):</b> 74		<b>Cubic Yards:</b> 10.5
		<b>Design (psi):</b> 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)
851-16A		6.00	28.27	6/20/2008	Lab	7	4	109.5	3870
851-16B		6.00	28.27	7/11/2008	Lab	28	4	152.5	5390
851-16C		6.00	28.27	7/11/2008	Lab	28	4	141.0	4990
851-16D				Hold	Lab				

#### Fracture Types



Remarks: