

## 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

<b>Date Cast:</b>	5/1/2008	<b>Time Cast:</b>	2:00	<b>Date Received:</b>	5/2/2008
<b>Placement Location:</b>	PILE CAPS & GRADE BEAMS LINE N,R, V, X, W 21.6 TO 24 & LINE W -21				
<b>Placement Method:</b>	PUMP*				
<b>Cylinders Made By:</b>	VLT	<b>Placement Vol. (yd<sup>3</sup>):</b>	80		
		<b>Aggregate Size (in):</b>	3/4		

### INITIAL CURING CONDITIONS

#### Temperatures

<b>Minimum (°F)</b>	<b>Maximum (°F)</b>
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### DELIVERY INFORMATION

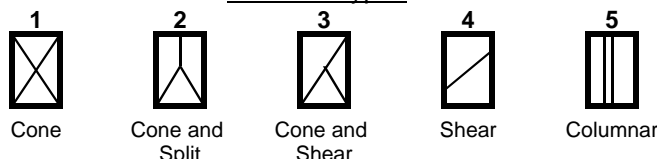
**Admixtures:** POLYHEED 997

### TEST RESULTS

<b>Slump (in) (C-143):</b>	<b>Slump WR:</b>	5.5	<b>Load Number:</b>	3
<b>Air Content (%) (C-231):</b>	<b>Air WR:</b>	6.8	<b>Mixer Number:</b>	187
<b>Air Temp (°F):</b>	57	<b>Ticket Number:</b>	3930236	
<b>Conc. Temp (°F) (C-1064):</b>	58	<b>Cubic Yards:</b>	10	
		<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)
851-3A		6.00	28.27	5/8/2008	Lab	7	4	160.5	5680
851-3B		6.00	28.27	5/29/2008	Lab	28	4	148.5	5250
851-3C		6.00	28.27	5/29/2008	Lab	28	4	152.5	5390
851-3D				Hold	Lab				

#### Fracture Types



Remarks: