

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:	5/9/2008	Time Cast:	3:20	Date Received:	5/12/2008
Placement Location:	LINE A 2-5 PILE CAPS & GRADE BEAMS LINE X 27-33 PILE CAPS & GRADE BEAMS X-19.9-27 WALL SECTION				
Placement Method:	PUMP*		Placement Vol. (yd³):	80	
Cylinders Made By:	SJC/VLT		Aggregate Size (in):	3/4	

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F)	Maximum (°F)
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DELIVERY INFORMATION

Admixtures: POLYHEED 997

TEST RESULTS

Slump (in) (C-143):	Slump WR:	5 3/4	Load Number:	4
Air Content (%) (C-231):	Air WR:	7.2	Mixer Number:	187
Air Temp (°F):	56	Ticket Number:	3930367	
Conc. Temp (°F) (C-1064):	66	Cubic Yards:	10	
		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)
851-5A		6.00	28.27	5/16/2008	Lab	7	4	102.0	3610
851-5B		6.00	28.27	6/6/2008	Lab	28	4	138.0	4880
851-5C		6.00	28.27	6/6/2008	Lab	28	4	139.5	4930
851-5D				Hold	Lab				

Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks: