

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: 6/6/2008 **Time Cast:** 9:00 **Date Received:** 6/10/2008
Placement Location: ELEVATOR PIT LINE R, 29 TO 30 WALL SELECTION LINE 33 + RETAINING WALL OUTSIDE LINE X, 23 TO 27, 27 TO 31 LINE A 12.5 TO 14/ PILE CAPS & GRADE BEAMS: LINE A - D, 5
Placement Method: PUMP/TAILGATE **Placement Vol. (yd³):** 123
Cylinders Made By: VLT **Aggregate Size (in):** 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: POLYHEED 997

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 5 **Load Number:** 5
Air Content (%) (C-231): **Air WR:** 5.2 **Mixer Number:** 189
Air Temp (°F): 56 **Ticket Number:** 4529407
Conc. Temp (°F) (C-1064): 69 **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)
851-13A		6.00	28.27	6/13/2008	Lab	7	4	122.0	4320
851-13B		6.00	28.27	7/7/2008	Lab	31	4	150.5	5320
851-13C		6.00	28.27	7/7/2008	Lab	31	4	155.5	5500
851-13D				Hold	Lab				

Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks: