



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: 6/12/2008 **Time Cast:** 3:00 **Date Received:** 6/13/2008
Placement Location: ELEVATOR PITS 29 + 30 LINE WALLS A LINE 9 TO 13 + REMAINDER OF RADIUS WALL

Placement Method:

Placement Vol. (yd³):

Cylinders Made By: DMR

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: POLYHEED 997

TEST RESULTS

Slump (in) (C-143): 6
Air Content (%) (C-231): 5.9
Air Temp (°F): 75
Conc. Temp (°F) (C-1064): 76

Load Number: 3
Mixer Number: 192
Ticket Number: 4529534
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)
851-15A		6.00	28.27	6/19/2008	Lab	7	4	108.5	3840
851-15B		6.00	28.27	7/10/2008	Lab	28	4	145.5	5150
851-15C		6.00	28.27	7/10/2008	Lab	28	4	145.5	5150
851-15D				Hold	Lab				

Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks: