

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: 5/20/2008 **Time Cast:** 9:45 **Date Received:** 5/21/2008
Placement Location: RETAINING WALL FOOTING OUTSIDE LINE X, 19.9 TO 32 WALL SECTION LINE X, 27-32
Placement Method: CONVEYER/DIRECT POUR* **Placement Vol. (yd³):** 200
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:** 6 **Load Number:** 12
Air Content (%) (C-231): **Air WR:** 6.2 **Mixer Number:** 171
Air Temp (°F): 68 **Ticket Number:** 4529102
Conc. Temp (°F) (C-1064): 63 **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)
851-9A		6.00	28.27	5/27/2008	Lab	7	4	105.5	3730
851-9B				6/17/2008	Lab	28			
851-9C				6/17/2008	Lab	28			
851-9D				Hold	Lab				

Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks: * FROM SHUTE LINE X 27-32 LOAD#13, & LOAD 18-20