

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:** 8:15 **Date Received:** 5/21/2008

Placement Location: RETAINING WALL FOOTING OUTSIDE LINE X, 19.9 TO 32
 WALL SECT LINE X 27-32

Placement Method: CONVEYER*

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: 4 |
| Air Content (%) (C-231): | Air WR: 6.0 | Mixer Number: 171 |
| Air Temp (°F): 60 | | Ticket Number: 4529090 |
| Conc. Temp (°F) (C-1064): 61 | | 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) |
|----------------------|-----------------------|------------------------|---------------------------------------|--------------|-----------|------------|---------------|-------------|----------------|
| 851-8A | | 6.00 | 28.27 | 5/27/2008 | Lab | 7 | 4 | 102.0 | 3610 |
| 851-8B | | | | 6/17/2008 | Lab | 28 | | | |
| 851-8C | | | | 6/17/2008 | Lab | 28 | | | |
| 851-8D | | | | Hold | Lab | | | | |

Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks: * NEWMAN