

## Report of Concrete Compressive Strength

ASTM C-31 &amp; C-39

**Project Name:** PORTLAND - THE INN AT CEDARS - MATERIALS TESTING

**Project Number:** 07-0503

**Client:** JHA ASSISTED LIVING INC

**Client Contract Number:**
**General Contractor:**
**Concrete Supplier:** AUBURN CONCRETE

### PLACEMENT INFORMATION

**Date Cast:** 8/10/2007      **Time Cast:** 3:20      **Date Received:** 8/11/2007

**Placement Location:** BASEMENT FOOTER

**Placement Method:** PUMP

**Placement Vol. (yd³):** 57

**Cylinders Made By:** CKT

**Aggregate Size (in):** 3/4

### INITIAL CURING CONDITIONS

#### Temperatures

**Minimum (°F)**                      **Maximum (°F)**

### DELIVERY INFORMATION

**Admixtures:** POLYHEED 1020

### TEST RESULTS

**Slump (in) (C-143):** 4 1/4

**Load Number:** 2

**Air Content (%) (C-231):** 4.3

**Mixer Number:** 106

**Air Temp (°F):** 72

**Ticket Number:** 129830

**Conc. Temp (°F) (C-1064):** 70

**Cubic Yards:** 9.5

**Design (psi):** 3000

Cylinder Designation	Cylinder Weight (lbs)	Cylinder Diameter (in)	Cross Sectional Area(In) <sup>2</sup>	Date Of Test	Cure Type	Age (days)	Fracture Type	Load (kips)	Strength (psi)
774-5A		6.00	28.27	8/17/2007	Lab	7	4	87.5	3100
774-5B				9/7/2007	Lab	28			
774-5C				9/7/2007	Lab	28			
774-5D				Hold	Lab				

#### Fracture Types



Cone



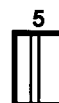
Cone and Split



Cone and Shear



Shear



Columnar

Remarks:

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**Placement Vol. (yd³):** 57

**Cylinders Made By:** CKT

**Aggregate Size (in):** 3/4

### INITIAL CURING CONDITIONS

#### Temperatures

**Minimum (°F)**                      **Maximum (°F)**

### DELIVERY INFORMATION

**Admixtures:** POLYHEED 1020

### TEST RESULTS

**Slump (in) (C-143):** 4.5

**Load Number:** 5

**Air Content (%) (C-231):** 4.9

**Mixer Number:** 95

**Air Temp (°F):** 70

**Ticket Number:** 129834

**Conc. Temp (°F) (C-1064):** 70

**Cubic Yards:** 9.5

**Design (psi):** 3000

Cylinder Designation	Cylinder Weight (lbs)	Cylinder Diameter (in)	Cross Sectional Area (In) <sup>2</sup>	Date Of Test	Cure Type	Age (days)	Fracture Type	Load (kips)	Strength (psi)
774-6A		6.00	28.27	8/17/2007	Lab	7	4	90.5	3200
774-6B				9/7/2007	Lab	28			
774-6C				9/7/2007	Lab	28			
774-6D				Hold	Lab				

#### Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks: