

## 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:** 7/18/2007      **Time Cast:** 1:00      **Date Received:** 7/19/2007

**Placement Location:** BACK WALL BETWEEN TWO EXISTING BUILDINGS

**Placement Method:** PUMP

**Placement Vol. (yd<sup>3</sup>):** 17.5

**Cylinders Made By:** CKT

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

### INITIAL CURING CONDITIONS

#### Temperatures

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

### DELIVERY INFORMATION

**Admixtures:** POLYHEED 997

### TEST RESULTS

**Slump (in) (C-143):** 3.75

**Load Number:** 1

**Air Content (%) (C-231):** 4.1

**Mixer Number:** 116

**Air Temp (°F):** 69

**Ticket Number:** 1320891

**Conc. Temp (°F) (C-1064):** 76

**Cubic Yards:** 8.75

**Design (psi):** 4000

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)
774-1A		6.00	28.27	7/25/2007	Lab	7	4	106.0	3750
774-1B		6.00	28.27	8/15/2007	Lab	28	4	140.0	4950
774-1C		6.00	28.27	8/15/2007	Lab	28	4	146.5	5180
774-1D				Hold	Lab				

#### Fracture Types



Cone



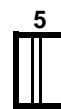
Cone and Split



Cone and Shear



Shear



Columnar

Remarks: