

## 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:** 7/23/2007      **Time Cast:** 2:35      **Date Received:** 7/24/2007

**Placement Location:** BUILDING FOOTING WEST

**Placement Method:** CHUTE

**Placement Vol. (yd<sup>3</sup>):** 13

**Cylinders Made By:** JLD

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

### INITIAL CURING CONDITIONS

#### Temperatures

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

### DELIVERY INFORMATION

**Admixtures:** POLYHEED 1020

### TEST RESULTS

**Slump (in) (C-143):** 6

**Load Number:** 1

**Air Content (%) (C-231):** 6.2

**Mixer Number:** 84

**Air Temp (°F):** 68

**Ticket Number:** 132251

**Conc. Temp (°F) (C-1064):** 75

**Cubic Yards:** 6.5

**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) |
|----------------------|-----------------------|------------------------|---------------------------------------|--------------|-----------|------------|---------------|-------------|----------------|
| 774-2A               |                       | 6.00                   | 28.27                                 | 7/30/2007    | Lab       | 7          | 4             | 105.5       | <b>3730</b>    |
| 774-2B               |                       |                        |                                       | 8/20/2007    | Lab       | 28         |               |             |                |
| 774-2C               |                       |                        |                                       | 8/20/2007    | Lab       | 28         |               |             |                |
| 774-2D               |                       |                        |                                       | Hold         | Lab       |            |               |             |                |

#### Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks: