

Report of Concrete Compressive Strength

ASTM C-31 & 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. (yd³): 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) ²	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				8/15/2007	Lab	28			
774-1C				8/15/2007	Lab	28			
774-1D				Hold	Lab				

Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks: