



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: 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) ²	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		6.00	28.27	9/7/2007	Lab	28	4	117.5	4160
774-5C		6.00	28.27	9/7/2007	Lab	28	4	129.5	4580
774-5D				Hold	Lab				

Fracture Types



Cone



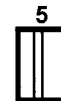
Cone and Split



Cone and Shear



Shear



Columnar

Remarks:



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Cylinders Made By: CKT

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INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: POLYHEED 1020

TEST RESULTS

Slump (in) (C-143): 4.5
Air Content (%) (C-231): 4.9
Air Temp (°F): 70
Conc. Temp (°F) (C-1064): 70

Load Number: 5
Mixer Number: 95
Ticket Number: 129834
Cubic Yards: 9.5
Design (psi): 3000

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)
774-6A		6.00	28.27	8/17/2007	Lab	7	4	90.5	3200
774-6B		6.00	28.27	9/7/2007	Lab	28	4	132.5	4690
774-6C		6.00	28.27	9/7/2007	Lab	28	4	118.0	4170
774-6D				Hold	Lab				

Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks: