



Report of Concrete Compressive Strength

ASTM C-31 & C-39

Project Name: PORTLAND - CUSTOM HOUSE SQUARE - MATERIALS TESTING

Project Number: 05-0079.2

Client: OLYMPIA EQUITY INVESTORS IV b LLC

Client Contract Number:

General Contractor:

Concrete Supplier: AUBURN CONCRETE

PLACEMENT INFORMATION

Date Cast: 11/20/2006 **Time Cast:** 3:42 **Date Received:** 11/21/2006
Placement Location: FOUNDATION WALL 12'S OF F/2.5 TO 10'W OF C/1 FOOTING: REFERENCE LINE BELOW FOOTING INFILL B/1 TO 3.8 & GRADE BEAMS 3.8 TO 5
Placement Method:
Cylinders Made By: DAC **Placement Vol. (yd³):** 40
Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: HOT H2O & POLYHEED 1020 MRWR

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 6.0 **Load Number:** 2
Air Content (%) (C-231): **Air WR:** 7.0 **Mixer Number:** 99
Air Temp (°F): 40 **Ticket Number:** 110147
Conc. Temp (°F) (C-1064): 67 **Cubic Yards:** 10
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)
701-3A		6.00	28.27	11/27/2006	Lab	7	4	64.0	2260
701-3B		6.00	28.27	12/18/2006	Lab	28	4	89.5	3170
701-3C		6.00	28.27	12/18/2006	Lab	28	4	86.0	3040
701-3D		6.00	28.27	1/15/2007	Lab	56	4	93.5	3310

Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks: