



Report of Concrete Compressive Strength

ASTM C-31 & C-39

Project Name: PORTLAND - OCEAN GATEWAY TERMINAL - MATERIALS TESTING **Project Number:** 05-0134

Client: REED & REED, INC.

Client Contract Number:

General Contractor:

Concrete Supplier: AUBURN CONCRETE

PLACEMENT INFORMATION

Date Cast: 10/11/2006 **Time Cast:** 7:30 **Date Received:** 10/12/2006

Placement Location: STAIRS - RECEIVING BUILDING

Placement Method: CHUTE, WHEEL BARROW

Cylinders Made By: CKT

Placement Vol. (yd³): 2

Aggregate Size (in): 3/8

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: POLY 1020

TEST RESULTS

Slump (in) (C-143): 7.5

Air Content (%) (C-231): 1.8

Air Temp (°F): 49

Conc. Temp (°F) (C-1064): 67

Load Number: 1

Mixer Number: 101

Ticket Number: 110895

Cubic Yards: 2

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)
561-34A		6.00	28.27	10/18/2006	Lab	7	4	124.0	4390
561-34B		6.00	28.27	11/8/2006	Lab	28	4	146.5	5180
561-34C		6.00	28.27	11/8/2006	Lab	28	4	148.0	5240
561-34D				Hold	Lab				

Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks: