

Report of Concrete Compressive Strength

ASTM C-31 & C-39

Project Name: PORTLAND - FORE RIVER SHORT STAY HOSPITAL
 PROJECT - MATERIALS TESTING / SPECIAL

Project Number: 06-1069.1

Client: MERCY HOSPITAL

Client Contract Number:
General Contractor:
Concrete Supplier: DRAGON PRODUCTS

PLACEMENT INFORMATION

Date Cast: 7/9/2007 **Time Cast:** 7:45 **Date Received:** 7/10/2007

Placement Location: STAIRWELL TOWER INSIDE LINE A - 4 TO 4.5

Placement Method: PUMP

Placement Vol. (yd³): 12

Cylinders Made By: VLT

Aggregate Size (in): 3/8

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: N/A

TEST RESULTS

Slump (in) (C-143):	Slump WR: 6 3/4	Load Number: 1
Air Content (%) (C-231):	Air WR: 3.0	Mixer Number: 181
Air Temp (°F): 60		Ticket Number: 4527339
Conc. Temp (°F) (C-1064): 76		Cubic Yards: 6
		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)
702-96A		6.00	28.27	7/16/2007	Lab	7	4	73.5	2600
702-96B				8/6/2007	Lab	28			
702-96C				8/6/2007	Lab	28			
702-96D				Hold	Lab				

Fracture Types



Cone



Cone and Split



Cone and Shear



Shear



Columnar

Remarks: