

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: 5/1/2007 **Time Cast:** 12:15 **Date Received:** 5/2/2007

Placement Location: 3RD FLOOR DECK - WEST HALF

Placement Method: PUMP

Placement Vol. (yd³): 270

Cylinders Made By: VLT

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

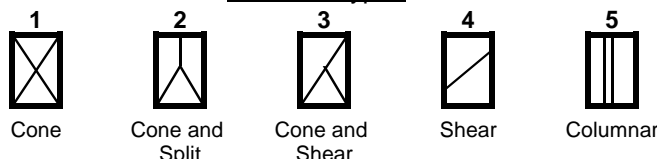
Admixtures: POLYHEED 997,
 POZZUTEC 20 1%

TEST RESULTS

Slump (in) (C-143):	Slump WR: 6	Load Number: 22
Air Content (%) (C-231):	Air WR: 2.4	Mixer Number: 189
Air Temp (°F): 55		Ticket Number: 4526230
Conc. Temp (°F) (C-1064): 59		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)
702-69A		6.00	28.27	5/7/2007	Lab	6	4	115.0	4070
702-69B		6.00	28.27	5/8/2007	Lab	7	4	118.5	4190
702-69C		6.00	28.27	5/16/2007	Lab	15	4	141.5	5010
702-69D		6.00	28.27	5/29/2007	Lab	28	4	153.5	5430
702-69E		6.00	28.27	5/29/2007	Lab	28	4	156.5	5540
702-69F				Hold	Lab				

Fracture Types



Remarks: