S.W.COLE ENGINEERING, INC.

Report of Concrete Compressive Strength

ASTM C-31 & C-39

Project Name: Portland Me - The Park Danforth - Construction Materials Testing Services

Project Number: 14-0065.2

Client: The Park-Danforth

Client Contract Number:

General Contractor:

Concrete Supplier: AUBURN CONCRETE

PLACEMENT INFORMATION

Date Cast: 3/9/2016 **Time Cast:** 10:00 **Date Received:**

Placement Location: 2ND FLOOR SLAB ON DECK E AND W WINGS

Placement Method: PUMP TRUCK

Cylinders Made By: BRANDON CHAPUT

Placement Vol. (yd³): 200

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: MASTER SET 1%
MASTER GLENIUM

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 6 1/4

Air Content (%) (C-231) **Air WR:** 2.8

Air Temp (°F): 50

Conc. Temp (°F) (C-1064): 70

Load Number: 12

Mixer Number: 118

Ticket Number 293159

Cubic Yards: 10

Design (psi): **3000**

Batch 8:44

Arrive 9:13

Depart 10:02

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)**
730-36A	8.45	4.01	12.60	3/16/2016	Lab	**7**	4	41.4	**3290**
730-36B	8.45			4/6/2016	Lab	**28**			
730-36C	8.45			4/6/2016	Lab	**28**			
730-36D	8.45			Hold	Lab				

Fracture Types

1 Cone both ends; 2 Cone one end w/ split; 3 Columnar; 4 Diagonal; 5 Side at top or bottom; 6 Pointed End

Remarks:

286 Portland Road, Gray, ME 04039-9586 • Tel (207) 657-2866 • Fax (207) 657-2840 • www.swcole.com