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:** 11:45 **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:** 6.5

Air Content (%) (C-231) **Air WR:** 2.9

Air Temp (°F): 62

Conc. Temp (°F) (C-1064): 71

Load Number: 18

Mixer Number: 119

Ticket Number 293169

Cubic Yards: 10

Design (psi): **3000**

Batch 10:03

Arrive 10:28

Depart 11:46

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)**
730-37A	8.40	4.00	12.53	3/16/2016	Lab	**7**	5	38.0	**3030**
730-37B	8.40	4.00	12.57	4/6/2016	Lab	**28**	4	47.8	**3800**
730-37C	8.40	4.00	12.54	4/6/2016	Lab	**28**	5	46.8	**3730**
730-37D	8.40			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:

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