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: 4/6/2016 **Time Cast:** 9:08 **Date Received:** 4/7/2016

Placement Location: SLAB ON DECK 3RD FLOOR WEST SIDE

Placement Method: PUMP

Cylinders Made By: CHARLES CROMWELL

Placement Vol. (yd³): 100

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) 53 **Maximum (°F)** 76

DELIVERY INFORMATION

Admixtures: MASTER SET
MASTER GLENIUM

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 6.5

Air Content (%) (C-231) **Air WR:** 2.5

Air Temp (°F): 20

Conc. Temp (°F) (C-1064): 67

Load Number: 6

Mixer Number: 157

Ticket Number 291913

Cubic Yards: 10

Design (psi): **3000**

Batch 8:11

Arrive 8:49

Depart 9:14

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)**
730-49A	8.45	4.02	12.71	4/13/2016	Lab	**7**	4	48.2	**3790**
730-49B	8.45			5/4/2016	Lab	**28**			
730-49C	8.45			5/4/2016	Lab	**28**			
730-49D	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:

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