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: 4/14/2016 **Time Cast:** 7:15 **Date Received:**

Placement Location: 6TH FLOOR SLAB ON DECK BETWEEN LINES H & E FROM 11 TO 6.5

Placement Method: PUMP

Cylinders Made By: JUSTIN ROUILLARD

Placement Vol. (yd³): 87

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: MRWR

TEST RESULTS

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

Air Content (%) (C-231) **Air WR:** 3.0

Air Temp (°F): 41

Conc. Temp (°F) (C-1064): 52

Load Number: 6

Mixer Number: 163

Ticket Number 201846

Cubic Yards: 10

Design (psi): **3000**

Batch 8:07

Arrive 6:45

Depart 7:45

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)**
730-54A	8.50	4.02	12.67	4/21/2016	Lab	**7**	5	49.2	**3880**
730-54B	8.45			5/12/2016	Lab	**28**			
730-54C	8.45			5/12/2016	Lab	**28**			
730-54D	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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