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: 3/31/2016 **Time Cast:** 7:45 **Date Received:**

Placement Location: SLAB ON DECK 4TH FLOOR E WING

Placement Method: PUMP

Placement Vol. (yd³): 90

Cylinders Made By: VAN TERRELL, JR.

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: MRWR
MASTER SET 1%

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 6

Air Content (%) (C-231) **Air WR:** 2.6

Air Temp (°F): 42

Conc. Temp (°F) (C-1064): 74

Load Number: 2

Mixer Number: 119

Ticket Number 293727

Cubic Yards: 10

Design (psi): **3000**

Batch 6:27

Arrive 7:00

Depart 7:50

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)**
730-45A	8.55	4.01	12.62	4/7/2016	Lab	**7**	4	47.2	**3740**
730-45B	8.55	4.02	12.71	4/28/2016	Lab	**28**	4	58.0	**4560**
730-45C	8.55	4.01	12.62	4/28/2016	Lab	**28**	4	55.4	**4390**
730-45D	8.55			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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