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:** 9:00 **Date Received:**

Placement Location: SLAB ON DECK 4TH FLOOR E WING

Placement Method: PUMP

Cylinders Made By: VAN TERRELL, JR.

Placement Vol. (yd³): 90

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:** 5 3/4

Air Content (%) (C-231) **Air WR:** 2.7

Air Temp (°F): 45

Conc. Temp (°F) (C-1064): 72

Load Number: 6

Mixer Number: 116

Ticket Number 293731

Cubic Yards: 10

Design (psi): **3000**

Batch 7:29

Arrive 8:07

Depart 9:08

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)**
730-46A	8.55	4.00	12.59	4/7/2016	Lab	**7**	4	45.0	**3580**
730-46B	8.60	4.02	12.69	4/28/2016	Lab	**28**	4	54.0	**4260**
730-46C	8.55	4.00	12.57	4/28/2016	Lab	**28**	4	56.0	**4460**
730-46D	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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