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: 4/4/2016 **Time Cast:** 8:09 **Date Received:**

Placement Location: SLAB - CS1 SLABS INTERIOR ON GRADE

Placement Method: BUGGY

Cylinders Made By: CHARLES CROMWELL

Placement Vol. (yd³): 27

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: MASTER SET
MASTER GLENIUM
1% POZZ

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 5.5

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

Air Temp (°F): 23

Conc. Temp (°F) (C-1064): 64

Load Number: 1

Mixer Number: 150

Ticket Number 291869

Cubic Yards: 10

Design (psi): **3000**

Batch 7:01

Arrive 7:34

Depart 8:30

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)**
730-47A	8.65	4.01	12.65	4/11/2016	Lab	**7**	4	47.6	**3770**
730-47B	8.60			5/2/2016	Lab	**28**			
730-47C	8.60			5/2/2016	Lab	**28**			
730-47D	8.60			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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