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: 6/14/2016 **Time Cast:** 12:20 **Date Received:**

Placement Location: FRONT PATIO 7.5E - 6E

Placement Method: PUMP

Cylinders Made By: AIDAN BOYCE

Placement Vol. (yd³): 21

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) 58 **Maximum (°F)** 73

DELIVERY INFORMATION

Admixtures: MASTER GLENIUM
MASTER AIR

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 6 3/4

Air Content (%) (C-231) **Air WR:** 4.3

Air Temp (°F): 66

Conc. Temp (°F) (C-1064): 72

Load Number: 1

Mixer Number: 155

Ticket Number 204040

Cubic Yards: 10.5

Design (psi): **5000**

Batch 11:14

Arrive 11:50

Depart 12:15

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)**
730-66A	8.30	4.02	12.66	6/21/2016	Lab	**7**	5	56.8	**4490**
730-66B	8.35			7/12/2016	Lab	**28**			
730-66C	8.30			7/12/2016	Lab	**28**			
730-66D	8.30			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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