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: 8/17/2016 **Time Cast:** 10:14 **Date Received:**

Placement Location: INTERIOR SLAB C.1 TO C ENTIRE SLAB

Placement Method: PUMP

Cylinders Made By: AIDAN BOYCE

Placement Vol. (yd³): 80

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: MASTER GLENIUM
BARRIER ONE
POLYMESH FIBER

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 4 1/4

Air Content (%) (C-231) **Air WR:** 2.2

Air Temp (°F): 74

Conc. Temp (°F) (C-1064): 82

Load Number: 7

Mixer Number: 98

Ticket Number 206165

Cubic Yards: 10

Design (psi): **3000**

Batch 9:13

Arrive 9:52

Depart 10:15

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)**
730-71A	8.50	4.01	12.60	8/24/2016	Lab	**7**	5	41.4	**3290**
730-71B	8.45	4.01	12.65	9/14/2016	Lab	**28**	5	50.0	**3950**
730-71C	8.50	4.01	12.64	9/14/2016	Lab	**28**	4	49.6	**3920**
730-71D	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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