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: 3/19/2016 **Time Cast:** 7:45 **Date Received:**

Placement Location: SLAB ON DECK 3RD FLOOR

Placement Method: PUMP

Cylinders Made By: CHARLES CROMWELL

Placement Vol. (yd³): 90

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: MASTER SET
MASTER GLENIUM

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 6.5

Air Content (%) (C-231) **Air WR:** 2.0

Air Temp (°F): 28

Conc. Temp (°F) (C-1064): 66

Load Number: 3

Mixer Number: 155

Ticket Number 293458

Cubic Yards: 10

Design (psi): **3000**

Batch 6:33

Arrive 7:00

Depart 7:45

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)**
730-40A	8.50	4.02	12.69	3/26/2016	Lab	**7**	5	35.0	**2760**
730-40B	8.45	4.01	12.64	4/16/2016	Lab	**28**	3	44.4	**3510**
730-40C	8.45	4.01	12.63	4/16/2016	Lab	**28**	5	45.6	**3610**
730-40D	8.50			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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