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:** 8:33 **Date Received:**

Placement Location: SLAB ON DECK 3RD FLOOR

Placement Method: PUMP

Placement Vol. (yd³): 90

Cylinders Made By: CHARLES CROMWELL

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:** 2.5

Air Temp (°F): 25

Conc. Temp (°F) (C-1064): 65

Load Number: 6

Mixer Number: 144

Ticket Number 293461

Cubic Yards: 10

Design (psi): **3000**

Batch 7:30

Arrive 7:45

Depart 8:51

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)**
730-41A	8.35	4.00	12.56	3/26/2016	Lab	**7**	4	37.2	**2960**
730-41B	8.40	4.00	12.53	4/16/2016	Lab	**28**	4	49.2	**3930**
730-41C	8.40	4.02	12.68	4/16/2016	Lab	**28**	4	51.6	**4070**
730-41D	8.40			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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