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: 3/14/2016 **Time Cast:** 8:30 **Date Received:**

Placement Location: SLAB ON GRADE: CS 1, LINE 6 TO 11

Placement Method: TAILGATE TO BUGGY

Placement Vol. (yd³): 90

Cylinders Made By: VAN TERRELL, JR.

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 4.5

Air Content (%) (C-231) **Air WR:** 3.0

Air Temp (°F): 33

Conc. Temp (°F) (C-1064): 70

DELIVERY INFORMATION

Admixtures: MASTER SET 2%
MASTER AIR
MASTER GLENIUM
POLYMESH REINFORCING FIBER

Load Number: 2

Mixer Number: 137

Ticket Number 293263

Cubic Yards: 10

Design (psi): **3000**

Batch 7:20

Arrive 8:07

Depart 8:35

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)**
730-38A		4.02	12.69	3/21/2016	Lab	**7**	4	42.8	**3370**
730-38B		4.01	12.64	4/11/2016	Lab	**28**	4	55.8	**4420**
730-38C		4.03	12.73	4/11/2016	Lab	**28**	5	55.8	**4380**
730-38D				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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