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: 12/14/2015 **Time Cast:** 10:30 **Date Received:** 12/15/2015

Placement Location: WALL: E/8 TO A/4
FOOTING: OUTSIDE LINE E, 10 TO 11

Placement Method: CONVEYOR

Placement Vol. (yd³): 40

Cylinders Made By: VAN TERRELL, JR.

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: MASTER AIR
MASGLENIUM

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 6

Air Content (%) (C-231) **Air WR:** 7.1

Air Temp (°F): 43

Conc. Temp (°F) (C-1064): 72

Load Number: 1

Mixer Number: 118

Ticket Number 283047

Cubic Yards: 10.5

Design (psi): **3500**

Batch 9:28

Arrive 10:03

Depart 10:31

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)**
730-11A	8.25	4.01	12.62	12/21/2015	Lab	**7**	4	53.2	**4220**
730-11B	8.25	4.01	12.66	1/11/2016	Lab	**28**	3	59.4	**4690**
730-11C	8.25	4.01	12.61	1/11/2016	Lab	**28**	4	64.2	**5090**
730-11D	8.25			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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