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: 12/31/2015 **Time Cast:** 10:30 **Date Received:** 1/4/2016

Placement Location: FOOTINGS: B2 + 3 + 4

Placement Method: CONVEYOR

Cylinders Made By: AIDAN BOYCE

Placement Vol. (yd³): 33

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: MASTER AIR GLENIUM

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 4 3/4

Air Content (%) (C-231) **Air WR:** 6.4

Air Temp (°F): 32

Conc. Temp (°F) (C-1064): 52

Load Number: 2

Mixer Number: 150

Ticket Number 285192

Cubic Yards: 11

Design (psi): **3500**

Batch 9:50

Arrive 10:15

Depart 10:46

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)**
730-17A	8.30	4.02	12.69	1/7/2016	Lab	**7**	4	47.4	**3740**
730-17B	8.30	4.02	12.68	1/28/2016	Lab	**28**	4	61.0	**4810**
730-17C	8.30	4.01	12.63	1/28/2016	Lab	**28**	6	57.4	**4540**
730-17D	8.30			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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