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: 3/24/2016 **Time Cast:** 3:20 **Date Received:** 3/25/2016

Placement Location: PATIO RETAINING WALL

Placement Method: CONVEYOR

Placement Vol. (yd³): 21

Cylinders Made By: AIDAN BOYCE

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: MASTER SET
MASTER AIR
MASTER GLENIUM

TEST RESULTS

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

Air Content (%) (C-231) 6.0 **Air WR:** 5.0

Air Temp (°F): 32

Conc. Temp (°F) (C-1064): 66

Load Number: 1

Mixer Number: 150

Ticket Number 293557

Cubic Yards: 10.5

Design (psi): **3500**

Batch 2:26

Arrive 3:00

Depart 3:20

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)**
730-42A	8.25	3.99	12.53	3/31/2016	Lab	**7**	4	53.2	**4250**
730-42B	8.25	4.00	12.59	4/21/2016	Lab	**28**	5	60.6	**4810**
730-42C	8.20	4.00	12.56	4/21/2016	Lab	**28**	5	62.2	**4950**
730-42D	8.45			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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