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: 2/15/2016 **Time Cast:** 2:00 **Date Received:** 2/18/2016

Placement Location: WALLS FOR CONNECTOR TO BLDG B

Placement Method: TELEBELT

Placement Vol. (yd³): 41.5

Cylinders Made By: CHARLES CROMWELL

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) 42 **Maximum (°F)** 81

DELIVERY INFORMATION

Admixtures: MASTER AIR
MASTER SET
MASTER GLENIUM

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 5.5

Air Content (%) (C-231) **Air WR:** 6.5

Air Temp (°F): 40

Conc. Temp (°F) (C-1064): 61

Load Number: 1

Mixer Number: 144

Ticket Number 259743

Cubic Yards: 10

Design (psi): **3500**

Batch 1:10

Arrive 1:35

Depart 2:05

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)**
730-26A	8.25	4.01	12.64	2/22/2016	Lab	**7**	4	47.8	**3780**
730-26B	8.30			3/14/2016	Lab	**28**			
730-26C	8.30			3/14/2016	Lab	**28**			
730-26D	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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