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: 12/16/2015 **Time Cast:** 2:55 **Date Received:** 12/17/2015

Placement Location: FOOTING C-4, C-5, D-4.5, G-7
WALL ALONG D + H LINE FROM 3.5 TO 7

Placement Method: PUMP

Placement Vol. (yd³): 40

Cylinders Made By: JUSTIN ROUILLARD

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: GLENIUM
AIR

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 5

Air Content (%) (C-231) **Air WR:** 6.2

Air Temp (°F): 43

Conc. Temp (°F) (C-1064): 69

Load Number: 2

Mixer Number: 119

Ticket Number 282568

Cubic Yards: 10

Design (psi): **3500**

Batch 1:58

Arrive 2:35

Depart 3:05

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)**
730-12A	8.35	4.01	12.60	12/23/2015	Lab	**7**	4	53.8	**4270**
730-12B	8.35	4.00	12.56	1/13/2016	Lab	**28**	4	63.0	**5020**
730-12C	8.30	4.00	12.58	1/13/2016	Lab	**28**	4	66.4	**5280**
730-12D	8.40			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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