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: 1/8/2016 **Time Cast:** 1:25 **Date Received:** 1/11/2016

Placement Location: INTERIOR SPREAD FOOTING: C/2.5 + C/3
INTERIOR SPREAD FOOTING: B/3

Placement Method: CONVEYOR

Placement Vol. (yd³): 31.5

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:** 5.0

Air Temp (°F): 36

Conc. Temp (°F) (C-1064): 68

Load Number: 1

Mixer Number: 119

Ticket Number 285320

Cubic Yards: 10.5

Design (psi): **3500**

Batch 12:25

Arrive 12:58

Depart 1:20

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)**
730-20A	8.35	4.01	12.61	1/15/2016	Lab	**7**	5	59.4	**4710**
730-20B	8.50	4.02	12.70	2/5/2016	Lab	**28**	4	75.4	**5940**
730-20C	8.40	4.01	12.63	2/5/2016	Lab	**28**	4	76.0	**6020**
730-20D	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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