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: 3/4/2016 **Time Cast:** 8:20 **Date Received:**

Placement Location: BASEMENT INTERIOR SLAB SOUTH QUADRANT

Placement Method: BUGGY

Cylinders Made By: THOMAS MITCHELL

Placement Vol. (yd³): 40

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: POLY GLENIUM

TEST RESULTS

Slump (in) (C-143): 5.5

Air Content (%) (C-231) 5.8

Air Temp (°F): 28

Conc. Temp (°F) (C-1064): 74

Load Number: 2

Mixer Number: 119

Ticket Number 260053

Cubic Yards: 10

Design (psi): **5000**

Batch 7:14

Arrive 8:05

Depart 8:25

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)**
730-33A	8.25	4.01	12.65	3/11/2016	Lab	**7**	4	42.8	**3390**
730-33B	8.25	4.02	12.70	4/1/2016	Lab	**28**	4	55.8	**4390**
730-33C	8.25	4.02	12.69	4/1/2016	Lab	**28**	5	53.4	**4210**
730-33D	8.25			4/29/2016	Lab	**56**			

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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