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: 12/9/2015 **Time Cast:** 12:28 **Date Received:** 12/10/2015

Placement Location: FOOTINGS: LINES D & H FROM 3.5 TO 4.5 & COLUMN FOOTING AT B/5

Placement Method: TAILGATE

Cylinders Made By: CHARLES CROMWELL

Placement Vol. (yd³): 35

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: MICRO AIR
MAS GLENIUM

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 6.0

Air Content (%) (C-231) **Air WR:** 5.8

Air Temp (°F): 40

Conc. Temp (°F) (C-1064): 62

Load Number: 2

Mixer Number: 155

Ticket Number 282957

Cubic Yards: 10

Design (psi): **3500**

Batch 11:30

Arrive 11:54

Depart 12:28

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)**
730-10A	8.35	4.02	12.67	12/16/2015	Lab	**7**	5	46.8	**3690**
730-10B	8.30	4.01	12.64	1/6/2016	Lab	**28**	4	56.6	**4480**
730-10C	8.30	4.02	12.66	1/6/2016	Lab	**28**	4	55.0	**4350**
730-10D	8.35			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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