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: 1/28/2016 **Time Cast:** 11:05 **Date Received:**

Placement Location: FOOTINGS: CONNECTOR FOUNDATION FOR BLDG B

Placement Method: BUCKET/CRANE

Cylinders Made By: CHARLES CROMWELL

Placement Vol. (yd³): 21

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: MASTER AIR
MASTER GLENIUM

TEST RESULTS

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

Air Content (%) (C-231) **Air WR:** 5.5

Air Temp (°F): 40

Conc. Temp (°F) (C-1064): 66

Load Number: 1

Mixer Number: 155

Ticket Number 285678

Cubic Yards: 10.5

Design (psi): **3500**

Batch 10:06

Arrive 10:30

Depart 11:52

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)**
730-24A	8.45	4.01	12.65	2/4/2016	Lab	**7**	4	48.2	**3810**
730-24B	8.45	4.02	12.70	2/25/2016	Lab	**28**	4	50.4	**3970**
730-24C	8.45	4.03	12.73	2/25/2016	Lab	**28**	4	52.2	**4100**
730-24D	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:

286 Portland Road, Gray, ME 04039-9586 • Tel (207) 657-2866 • Fax (207) 657-2840 • www.swcole.com