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: 12/23/2015 **Time Cast:** 12:15 **Date Received:**

Placement Location: WALL ALONG H LINE FROM 2.5 TO 5 + ALONG 17 LINE FROM G TO F FOOTING B-5 + B-4

Placement Method: CONVEYOR TRUCK

Placement Vol. (yd³): 44

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):

Air Content (%) (C-231) **Air WR:** 7.0

Air Temp (°F): 40

Conc. Temp (°F) (C-1064): 65

Load Number: 3

Mixer Number: 119

Ticket Number 282544

Cubic Yards: 9

Design (psi): **3500**

Batch 11:28

Arrive 11:50

Depart 12:30

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)**
730-16A	8.25	4.01	12.62	12/30/2015	Lab	**7**	4	48.0	**3800**
730-16B	8.20	4.02	12.66	1/20/2016	Lab	**28**	4	58.2	**4600**
730-16C	8.25	4.01	12.61	1/20/2016	Lab	**28**	4	58.4	**4630**
730-16D	8.20			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