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: 11/25/2015 **Time Cast:** 12:25 **Date Received:** 12/1/2015

Placement Location: FOOTING FROM A/2.5 TO A.7.5 ELEVATOR PIT AT A/6.5, F/11 - G/11
PADS AT G/4 & F/10, F/9

Placement Method: PUMP

Placement Vol. (yd³): 70

Cylinders Made By: MORGAN SHEA

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: AE
MRWR

TEST RESULTS

Slump (in) (C-143): 5.5

Air Content (%) (C-231) 6.4

Air Temp (°F): 38

Conc. Temp (°F) (C-1064): 60

Load Number: 6

Mixer Number: 158

Ticket Number 284927

Cubic Yards: 10

Design (psi): **3500**

Batch 11:16

Arrive 11:40

Depart 12:27

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)**
730-6A	8.00	4.02	12.66	12/2/2015	Lab	**7**	4	33.8	**2670**
730-6B	8.05	4.02	12.68	12/23/2015	Lab	**28**	5	44.2	**3490**
730-6C	8.05	4.02	12.69	12/23/2015	Lab	**28**	4	44.4	**3500**
730-6D	8.05	4.02	12.67	1/20/2016	Lab	**56**	5	47.2	**3730**

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