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: 12/4/2015 **Time Cast:** 4:10 **Date Received:** 12/7/2015

Placement Location: WALLS: LINE 11, G-H

Placement Method: PUMP

Placement Vol. (yd³): 50

Cylinders Made By: AIDAN BOYCE

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) 42 **Maximum (°F)** 55

DELIVERY INFORMATION

Admixtures: MASTER AIR, MASGLENIUM, MASTER SET

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 6

Air Content (%) (C-231) **Air WR:** 6.5

Air Temp (°F): 42

Conc. Temp (°F) (C-1064): 66

Load Number: 3

Mixer Number: 144

Ticket Number 284536

Cubic Yards: 10

Design (psi): **3500**

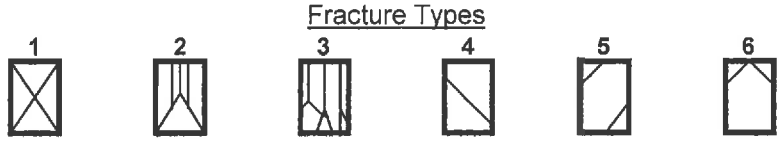
Batch 3:25

Arrive 3:50

Depart 4:20

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)**
730-9A	8.30	4.01	12.62	12/11/2015	Lab	**7**	5	55.8	**4420**
730-9B	8.30	4.01	12.61	1/1/2016	Lab	**28**	4	70.2	**5570**
730-9C	8.30	4.01	12.65	1/1/2016	Lab	**28**	4	70.0	**5540**
730-9D	8.30			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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