

## Report of Concrete Compressive Strength

ASTM C-31 &amp; C-39

**Project Name:** Portland ME - Luminato Condominiums - Construction  
 Materials Testing Services

**Project Number:** 16-0910

**Client:** Luminato Condominium, LLC

**Client Contract Number:**
**General Contractor:**
**Concrete Supplier:** AUBURN CONCRETE

### PLACEMENT INFORMATION

**Date Cast:** 10/5/2016      **Time Cast:** 3:15      **Date Received:**
**Placement Location:** FOOTING: D/4 TO D15.8M B12 & B3

**Placement Method:** PUMP

**Placement Vol. (yd<sup>3</sup>):** 66

**Cylinders Made By:** NATHANIEL MCARTHUR

**Aggregate Size (in):** 3/4

### INITIAL CURING CONDITIONS

#### Temperatures

**Minimum (°F)**                      **Maximum (°F)**

### DELIVERY INFORMATION

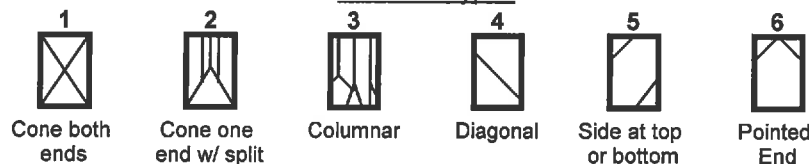
**Admixtures:** AIR  
 MRWR

### TEST RESULTS

<b>Slump (in) (C-143):</b>	<b>Slump WR:</b> 4.25	<b>Load Number:</b> 5	<b>Batch</b>
<b>Air Content (%) (C-231)</b>	<b>Air WR:</b> 6.5	<b>Mixer Number:</b> 98	2:17
<b>Air Temp (°F):</b> 60		<b>Ticket Number</b> 207937	<b>Arrive</b>
<b>Conc. Temp (°F) (C-1064):</b> 70		<b>Cubic Yards:</b> 10.5	3:06
		<b>Design (psi):</b> 3000	<b>Depart</b>
			3:40

Cylinder Designation	Cylinder Weight (lbs)	Cylinder Diameter (in)	Cross Sectional Area(In) <sup>2</sup>	Date Of Test	Cure Type	Age (days)	Fracture Type	Load (kips)	Strength (psi)
841-7A	8.35	4.01	12.63	10/12/2016	Lab	7	3	45.4	3600
841-7B	8.35	4.01	12.65	11/2/2016	Lab	28	5	57.4	4540
841-7C	8.30	4.01	12.63	11/2/2016	Lab	28	5	57.0	4520
841-7D	8.35			Hold	Lab				

#### Fracture Types



Remarks: