

## 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:** 9/20/2016      **Time Cast:** 2:50      **Date Received:**
**Placement Location:** FOOTING: 1.1A/A.8 (-5) TO E/4 (-4)

**Placement Method:** PUMP

**Placement Vol. (yd<sup>3</sup>):** 56

**Cylinders Made By:** NATHANIEL MCARTHUR

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

### INITIAL CURING CONDITIONS

#### Temperatures

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

### DELIVERY INFORMATION

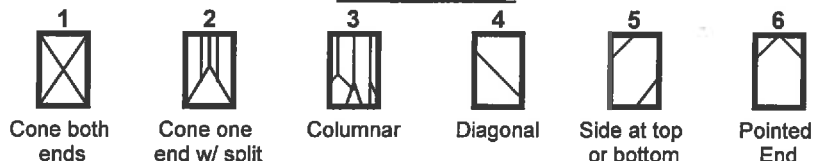
**Admixtures:** AE  
 MASTER GLENIUM

### TEST RESULTS

<b>Slump (in) (C-143):</b>	<b>Slump WR:</b> 4.5	<b>Load Number:</b> 6	<b>Batch</b>
<b>Air Content (%) (C-231)</b>	<b>Air WR:</b> 4.9	<b>Mixer Number:</b> 163	1:36
<b>Air Temp (°F):</b> 74		<b>Ticket Number</b> 401230	<b>Arrive</b>
<b>Conc. Temp (°F) (C-1064):</b> 80		<b>Cubic Yards:</b> 8.5	2:14
		<b>Design (psi):</b> 3000	<b>Depart</b>

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)
841-4A	8.30	4.01	12.61	9/27/2016	Lab	7	4	44.2	3510
841-4B	8.30	4.01	12.64	10/18/2016	Lab	28	4	50.0	3960
841-4C	8.30	4.01	12.64	10/18/2016	Lab	28	4	51.6	4080
841-4D	8.30			Hold	Lab				

#### Fracture Types



Remarks: