

Report of Concrete Compressive Strength

ASTM C-31 & 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: 12/13/2016 **Time Cast:** 10:00

Date Received:
Placement Location: 1ST FLOOR SLAB ON DECK

Placement Method: PUMP

Placement Vol. (yd³): 135

Cylinders Made By: NATHANIEL MCARTHUR

Aggregate Size (in): 3/8

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) 40 **Maximum (°F)** 77

DELIVERY INFORMATION

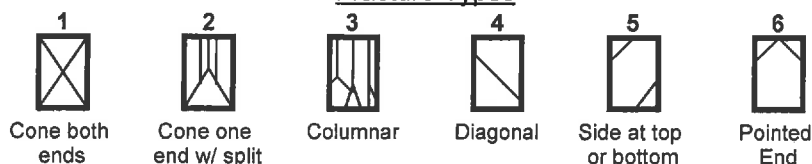
Admixtures: MRWR
 2% SET

TEST RESULTS

Slump (in) (C-143):	Slump WR: 5.5	Load Number: 6	Batch
Air Content (%) (C-231)	Air WR: 3.3	Mixer Number: 99	8:34
Air Temp (°F): 33		Ticket Number 210320	Arrive
Conc. Temp (°F) (C-1064): 70		Cubic Yards: 10	9:20
		Design (psi): 3500	Depart
			9:50

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)
841-16A	7.30	4.00	12.59	12/20/2016	Lab	7	5	38.8	3080
841-16B	7.30	4.01	12.65	1/10/2017	Lab	28	5	48.2	3810
841-16C	7.30	4.02	12.66	1/10/2017	Lab	28	5	54.8	4330
841-16D	7.30			Hold	Lab				
841-16E				Hold	Lab				
841-16F				Hold	Lab				

Fracture Types



Remarks: dry unit weight: 841-16D 111.0pcf