

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:** 11:40

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

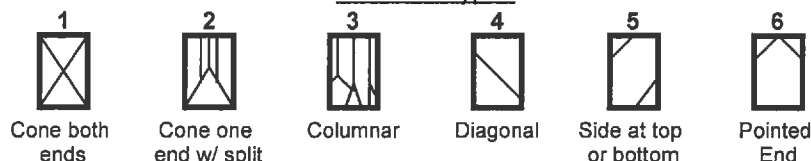
Admixtures: MRWR
 2% SET

TEST RESULTS

Slump (in) (C-143):	Slump WR: 5.5	Load Number: 11	Batch: 9:59
Air Content (%) (C-231)	Air WR: 4.3	Mixer Number: 86	Arrive: 11:10
Air Temp (°F): 32		Ticket Number: 210330	Depart: 11:40
Conc. Temp (°F) (C-1064): 72		Cubic Yards: 10	
		Design (psi): 3500	

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)
841-17A	7.30	4.01	12.60	12/20/2016	Lab	7	5	47.2	3750
841-17B	7.30	4.01	12.62	1/10/2017	Lab	28	4	60.8	4820
841-17C	7.30	4.02	12.67	1/10/2017	Lab	28	5	57.6	4550
841-17D	7.30			Hold	Lab				
841-17E				Hold	Lab				
841-17F				Hold	Lab				

Fracture Types



Remarks: dry unit weight: 841-17E 111.1pcf 841-17F 110.6pcf