

REPORT OF CONCRETE FIELD & LABORATORY TESTING

CLIENT:	Old Port Hospitality 11 Corporate Drive Belmont, NH 03220	PROJECT:	Hotel, Restaurant & Portside Residences 207 Fore Street Portland, ME
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DATE: October 18, 2010 **REPORT #:** 10-FTS-042-027 **Page 1 of 2**

General Location: Slab on grade, first floor A-F line
Date Cast: 10/11/10
Field Rep: Matthew Turner
Contractor: Opechee
Supplier: Dragon Concrete
Admixtures: Glenium & Pozzotec 20 @ 1%
Air Temp: 55°F
Weather: Sunny
Nominal size of Aggr: 3/4"

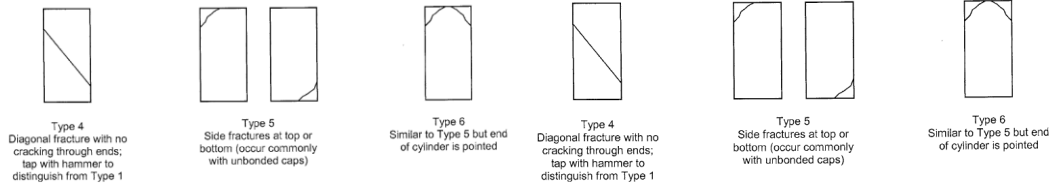
FIELD TEST RESULTS

Ticket #/ #CYL*	ASTM C143 SLUMP TEST	ASTM C231 AIR CONTENT	ASTM C1064 TEMPERATURE °F	ELAPSED TIME Batch : Final Discharge
3936291	-	2.2	-	7:25-8:43/78 Min
3936292/5 Cyls	5.25	2.0	66°F	7:30-8:50/80 Min
3936295	5.0	2.1	67°F	8:10-9:08/58 Min
3936297	5.5	2.3	66°F	8:30-9:20/50 Min
3936298	5.5	-	-	8:35-9:37/62 Min

*Specimens molded in accordance with ASTM C31

LABORATORY COMPRESSIVE STRENGTH TESTING ASTM C39

Date of Test	Age	Specimen Area (in ²)	PSI	Break Type
10/18/10	7	12.56 in ²	4690	3
11/08/10	28	12.56 in ²		
11/08/10	28	12.56 in ²		
11/08/10	28	12.56 in ²		
	Hold	12.56 in ²		



Specific Sample Location: A @ 2
Yards placed: 120 Cubic Yards
Design Strength: 4000 psi
Remarks:

NH MA ME **JOHN TURNER CONSULTING** **CONSULTJTC.COM**

19 DOVER STREET
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6 CLINTON AVENUE
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15 HOLLY STREET, UNIT 109
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General Location: Slab on grade, first floor A-F line
Date Cast: 10/11/10
Field Rep: Matthew Turner
Contractor: Opechee
Supplier: Dragon Concrete
Admixtures: Glenium & Pozzotec 20 @ 1%
Air Temp: 60°F
Weather: Sunny
Nominal size of Aggr: 3/4"


FIELD TEST RESULTS

Ticket #/ #CYL*	ASTM C143 SLUMP TEST	ASTM C231 AIR CONTENT	ASTM C1064 TEMPERATURE °F	ELAPSED TIME Batch : Final Discharge
3936295/5 Cyls	6.5	2.0	65°F	8:45-10:00/75 Min
3936300	6.0	-	-	8:55-10:05/70 Min
3936301	6.5	-	-	9:10-10:36/86 Min
3936303	6.5	-	-	10:00-11:33/93 Min
3936304	6.5	-	-	10:10-11:00/50 Min
3936305	6.5	-	-	10:15-

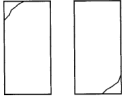
*Specimens molded in accordance with ASTM C31

LABORATORY COMPRESSIVE STRENGTH TESTING ASTM C39


Date of Test	Age	Specimen Area (in ²)	PSI	Break Type
10/18/10	7	12.56 in ²	4270	3
11/08/10	28	12.56 in ²		
11/08/10	28	12.56 in ²		
11/08/10	28	12.56 in ²		
	Hold	12.56 in ²		




Type 4
Diagonal fracture with no cracking through ends; tap with hammer to distinguish from Type 1




Type 5
Side fractures at top or bottom (occur commonly with unbonded caps)




Type 6
Similar to Type 5 but end of cylinder is pointed



Type 4
Diagonal fracture with no cracking through ends; tap with hammer to distinguish from Type 1



Type 5
Side fractures at top or bottom (occur commonly with unbonded caps)



Type 6
Similar to Type 5 but end of cylinder is pointed

Specific Sample Location: F @ 1
Yards placed: 120 Cubic Yards
Design Strength: 4000 psi
Remarks:

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