

R. W. Gillespie & Associates, Inc.

86 Industrial Park Road, Suite 4, Saco, ME 04072 207-286-8008
200 International Drive, Suite 170, Portsmouth, NH 03801 603-427-0244

LETTER OF TRANSMITTAL

Doughty & Associates, Inc.

362 U.S. Route One

Falmouth, ME 04105

Date:	January 12, 2005	Project No.:	438-05
Attention:	Mr. Phillip Doughty (pdarch@maine.rr.com)		
Re:	Concrete Testing New Jetways & Addition to Baggage Claim Portland Jetport Portland, Maine		

We are sending you attached concrete cylinder test results.

Cylinder No. (s)	Age (Days)
49963	28
49964	28

Remarks:

Copy To:
Roy Williams (rsw@portlandmaine.gov)
Todd Neal, Becker Structural Engineering (Todd@beckerstructural.com)
Cuyler Feagles, Clerk of the Works (pda1001@aol.com)

Signed: Bertha Dawn

If enclosures are not as noted, kindly notify us at once.

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CONCRETE TEST/PLACEMENT REPORT

Project Name: New Jetways & Addition to Baggage Claim
Project No: 438-05
Weather Conditions: Overcast
Method of Placement: Pump
Admixtures: AdVa 140, 2% Polarset
Placement Location: Penthouse Slab on Deck 38 -> 48.5 / X -> 4
Test Cylinder Location: X.2 / 41

Date Cylinders Cast: 14-Dec-04
Concrete Supplier: Auburn
General Contractor: Ledgewood
Design Strength: 4,000
Max Agg. Size: 3/8

Date Report Issued: JAN 13 2005

6x12 Cylinders	4	Cast by	Marco C. Stone	Time	
Load No.	2	Slump (in) ASTM C 143	4.5	Batched @	6:34
Ticket No.	068991	Air (°F)	30	Arrived @	--
Truck No.	97	Concrete (°F) ASTM C 1064	69	Total Time	105
Cubic Yds.	10	Air Content (%) ASTM C 231	4.2		

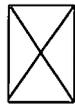
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
 Date received: 15-Dec-04
 Condition of Cylinders: Good

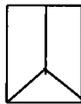
Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
49962	21-Dec-04	5.990	28.18	7	99,720	3540	4
49963	11-Jan-05	6.000	28.27	28	117,340	4150	4
49964	11-Jan-05	6.000	28.27	28	119,380	4220	4
49965	HOLD			HOLD			

*Concrete compressive strength by ASTM C 39

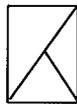
Types of Breaks



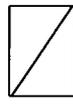
Cone
1



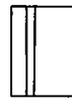
Cone & Split
2



Cone & Shear
3



Shear
4



Columnar
5

Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min.)
1	068990	82	10	--	--	--	--	92
3	068996	83	10	--	--	--	--	--
4	069000	97	10	--	--	--	--	77

Remarks:

Checked by: Matthew S. Good
 for George S. Morrell, Supervisor