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

	Date:	Project No	D.:
	Septen	mber 14, 2004	438-05
	Attention:		
	M	Ir. Phillip Doughty (pdar	ch@maine.rr.com)
	Re:		
Doughty & Associates, Inc.	C	Concrete Testing	
	N	lew Jetways & Addition t	o Baggage Claim
362 U.S. Route One	Pe	ortland Jetport	
	Po	ortland, Maine	
Falmouth, ME 04105			

	We are sending you at	tached concrete cylinder test results.	
Cylinder No. (s)		Age (Days)	
	47807 47808	28 28	

Remarks:

Copy To: Roy Williams (rsw@ci.portland.me.us)

Signed:

Bertha Dawn

R. W. GILLESPIE & ASSOCIATES. INC.

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

Project Name:

Project No:

New Jetways & Addition to Baggage Claim

438-05

Weather Conditions: Overcast

Method of Placement: Admixtures:

Pump Superplasticizer

Placement Location:

Wall Z/41 - 47

Test Cylinder Location: Z/41 - 47 1st Lift

Date Cylinders Cast:

16-Aug-04

Concrete Supplier:
General Contractor:

Auburn Ledgewood

Design Strength:

3,000

Max Agg. Size:

57 Stone

Date Report Issued: SEP 1 4 2004

6x12 Cylinders	4	Cast by Micha	ael J. Kramlich	Time			
Load No.	1	Slump (in) ASTM C 143	8.0		Batched @		
Ticket No.	070584	Air (°F)	63		Arrived @		
Truck No.	98	Concrete (°F) ASTM C 1064	65		Total Time	40	
Cubic Yds.	5.75	Air Content (%) ASTM C 231	4.0				

^{*}Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1

Date received: 17-Aug-04 Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
47806	23-Aug-04	6.009	28.36	7	109,320	3850	4
47807	13-Sep-04	6.005	28.32	28	136,100	4810	4
47808	13-Sep-04	6.005	28.32	28	131,840	4660	4
47809	HOLD			HOLD			

^{*}Concrete compressive strength by ASTM C 39

Types of Breaks











Cone

Cone & Split

Cone & Shea

Shear 4

Columnar

Load	Ticket	Truck	Cubic Yds	Slump	Air Temp	Conc Temp	(%) Air	Time
Number	Number		(inches)	(°F)	(°F)	Content	(min.)	
2	70585	83	5.75					40
3	70586	97	2.00					30

Remarks:

Reinforcing steel was checked for size, grade, and spacing, and was found to be in general conformance

with project plan.

Checked by:

George S. Morrell, Supervisor