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: December 22, 2004	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	

Doughty & Associates, Inc.

362 U.S. Route One

Falmouth, ME 04105

We are sending you attached concrete cylinder test results.

Cylinder No. (s)	Age (Days)
49962	7

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.

R. W. GILLESPIE & ASSOCIATES, INC.

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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: DEC 22 2004

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		

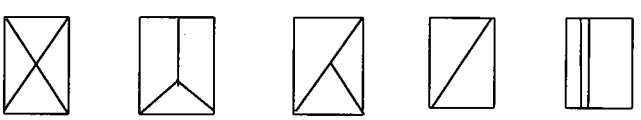
*Concrete sampled by ASTM C 172

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 (in²)	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			28			
49964	11-Jan-05			28			
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: _____
For George S. Morrell, Supervisor

069000

Auburn Concrete - Auburn Plant

Material Type	Material	Target Wgt	Actual Wgt	Moisture %
AGGREGATE	3/8" Stone	16160	16000	1.00
AGGREGATE	Sand	15100	15120	4.00
CEMENT	Type II	6580	6550	
ADMIX	Polar Set	1320	1319.76	
ADMIX	Darex II	15.89	15.89	
WATER	COLD WATER	238	238	
ADMIX	ADVA 140	389.88	389.88	

068996

Auburn Concrete - Auburn Plant

Material Type	Material	Target Wgt	Actual Wgt	Moisture %
AGGREGATE	3/8" Stone	16160	16020	1.00
AGGREGATE	Sand	15100	15140	4.00
CEMENT	Type II	6580	6600	
ADMIX	Polar Set	1320	1319.76	
ADMIX	Darex II	15.89	15.89	
WATER	COLD WATER	238	238	
ADMIX	ADVA 140	389.88	389.88	

068991

Auburn Concrete - Auburn Plant

Material Type	Material	Target Wgt	Actual Wgt	Moisture %
AGGREGATE	3/8" Stone	16160	16140	1.00
AGGREGATE	Sand	15100	15160	4.00
CEMENT	Cement	0	5045	
CEMENT	Type II	6580	1505	
ADMIX	Polar Set	1320.10	1319.76	
ADMIX	Darex II	15.89	15.89	
WATER	COLD WATER	238	238	
ADMIX	ADVA 140	389.88	389.88	

068990

Auburn Concrete - Auburn Plant

Material Type	Material	Target Wgt	Actual Wgt	Moisture %
AGGREGATE	3/8" Stone	16160	15980	1.00
AGGREGATE	Sand	15100	15220	4.00
CEMENT	Type II	6580	6580	
ADMIX	Polar Set	1320	1319.76	
ADMIX	Darex II	15.89	15.89	
WATER	COLD WATER	238	239	
ADMIX	ADVA 140	389.88	389.88	