

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:	October 4, 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		

We are sending you attached concrete cylinder test results.

Cylinder No. (s)	Age (Days)
48340	28
48341	28
48649	10
48653	10

Remarks:

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

Todd Neal, Becker Structural Engineering (Todd@beckerstructural.com)

Signed: Bertha Dawn

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

R. W. GILLESPIE & ASSOCIATES, INC.

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GROUT TEST/ PLACEMENT REPORT

Project Name: New Jetways & Addition to Baggage Claim
Project No: 438-05
Weather Conditions: Sunny
Placement Location: The Roof of the addition to the Baggage Claim
Test Location: Middle of the Roof

Date Prisms Cast: 24-Sep-04
Grout Supplier: Auburn
General Contractor: Ledgewood
Design Strength: 3,000

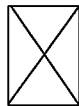
Date Report Issued: OCT 05 2004

3x3x6 Grout Prisms	4	Cast by	Peter E. Callahan	Time		
Load No.	--	Slump (in)	--		Batched @	--
Ticket No.	--	Air (°F)	--		Arrived @	--
Truck No.	--	Concrete (°F)	--		Total Time	--
Cubic Yds.	--	Air Content (%)	--			

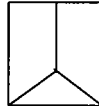
Specimen Storage: Field cure for 3 days

Lab No.	Test Date	Avg Width (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
48649	04-Oct-04	3	7.07	10	11,140	1580	4
48650	22-Oct-04			28			
48651	22-Oct-04			28			
48652	HOLD			HOLD			

Types of Breaks



Cone
1



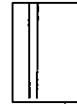
Cone & Split
2



Cone & Shear
3



Shear
4



Columnar
5

Remarks:

Checked by: RW
 George S. Morrell, Supervisor

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CONCRETE TEST/PLACEMENT REPORT

Project Name: New Jetways & Addition to Baggage Claim
Project No: 438-05
Weather Conditions: Sunny
Method of Placement: Rear Discharge
Admixtures: --
Placement Location: 48, 47, 46, 45, 44, Line S
Test Cylinder Location: 46, Line S

Date Cylinders Cast: 24-Sep-04
Concrete Supplier: Auburn
General Contractor: Ledgewood
Design Strength: 3,000
Max Agg. Size: 3/4

Date Report Issued: OCT 05 2004

6x12 Cylinders	4	Cast by	Peter E. Callahan	Time	
Load No.	1	Slump (in) ASTM C 143	2.0	Batched @	2:53
Ticket No.	071623	Air (°F)	75	Arrived @	3:20
Truck No.	96	Concrete (°F) ASTM C 1064	76	Total Time	30
Cubic Yds.	2.5	Air Content (%) ASTM C 231	5.4		

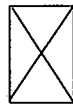
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 3
 Date received: 27-Sep-04
 Condition of Cylinders: Good

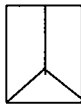
Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
48653	01-Oct-04	6.006	28.33	7	91,080	3210	4
48654	22-Oct-04			28			
48655	22-Oct-04			28			
48656	HOLD			HOLD			

*Concrete compressive strength by ASTM C 39

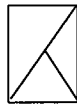
Types of Breaks



Cone
1



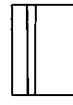
Cone & Split
2



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.)

Remarks:

Checked by: 
 George S. Morrell, Supervisor

Material Type	Material	Target Wgt	Actual Wgt	Moisture %
AGGREGATE	67 Stone	4420	4420	1.00
AGGREGATE	Sand	3560	3640	5.00
CEMENT	Cement	1305	1305	
ADMIX	Daraccel	0	0	
ADMIX	Darex II	4	4	
HAND'S ADD	ADVA	39	39	
WATER	COLD WATER	51	53	
ADMIX	ADVA 140	50	50	
HAND'S ADD	DCI-S	0	0	