

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 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		

We are sending you attached concrete cylinder test results.

Cylinder No. (s)	Age (Days)
48650	28
48651	28
48654	28
48655	28

Remarks:

Cylinder(s) #48650, 48651 did not pass the design strength on the 28 day breaks. The hold cylinder will be broken at 56 days on 11/19/04.

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.

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GROUT TEST/ PLACEMENT REPORT

Project Name:	New Jetways & Addition to Baggage Claim	Date Prisms Cast:	24-Sep-04
Project No:	438-05	Grout Supplier:	Auburn
Weather Conditions:	Sunny	General Contractor:	Ledgewood
Placement Location:	The Roof of the addition to the Baggage Claim	Design Strength:	3,000
Test Location:	Middle of the Roof		
		Date Report Issued:	OCT 26 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 (%)	--	

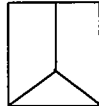
Specimen Storage: Field cure for 3 days

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	3	7.07	28	14,100	1990	4
48651	22-Oct-04	3	7.07	28	14,880	2100	4
48652	19-Nov-04			56			

Types of Breaks



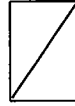
Cone
1



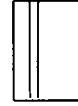
Cone & Split
2



Cone & Shear
3



Shear
4



Columnar
5

Remarks:

Checked by: Matthew J. Gandy
 GE 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 26 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		

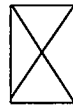
*Concrete sampled by ASTM C 172

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

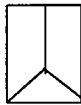
Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
48653	01-Oct-04	6.006	28.33	7	91,080	3210	4
48654	22-Oct-04	5.993	28.21	28	120,200	4260	4
48655	22-Oct-04	5.993	28.21	28	118,300	4190	4
48656	HOLD			HOLD			

*Concrete compressive strength by ASTM C 39

Types of Breaks



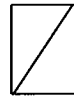
Cone
1



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: *Matthew J. Goff*
 George S. Morrell, Supervisor