

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:	September 28, 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)
48218	28
48219	28

Remarks:

Cylinder(s) # 48218, 48219 did not pass the design strength on the 28 day breaks. The hold cylinder will be broken at 56 days on 10/25/04.

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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## CONCRETE TEST/PLACEMENT REPORT

<b>Project Name:</b>	New Jetways & Addition to Baggage Claim	<b>Date Cylinders Cast:</b>	30-Aug-04
<b>Project No:</b>	438-05	<b>Concrete Supplier:</b>	Auburn
<b>Weather Conditions:</b>	Sunny	<b>General Contractor:</b>	Ledgewood
<b>Method of Placement:</b>	Rear discharge	<b>Design Strength:</b>	4,000
<b>Admixtures:</b>	Super plasticizer	<b>Max Agg. Size:</b>	3/4
<b>Placement Location:</b>	Footing 16/E		
<b>Test Cylinder Location:</b>	Footing 16/E		

**Date Report Issued:** SEP 28 2004

6x12 Cylinders	4	Cast by	Michael J. Kramlich	Time
Load No.	2	Slump (in) ASTM C 143	4	Batched @
Ticket No.	070970	Air (°F)	78	Arrived @
Truck No.	97	Concrete (°F) ASTM C 1064	75	Total Time
Cubic Yds.	9.5	Air Content (%) ASTM C 231	4	60

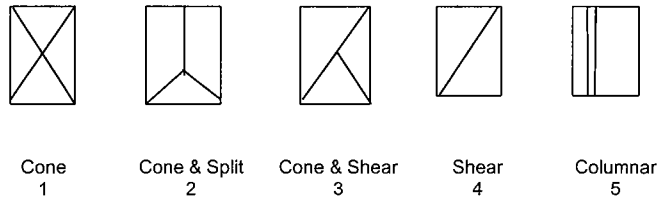
\*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 2  
Date received: 01-Sep-04  
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in <sup>2</sup> )	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
48217	07-Sep-04	6.000	28.27	8	90,380	3200	4
48218	27-Sep-04	6.005	28.32	28	103,660	3660	4
48219	27-Sep-04	6.005	28.32	28	102,380	3620	4
48220	25-Oct-04			56			

\*Concrete compressive strength by ASTM C 39

### Types of Breaks



Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min.)
1	70969	101	9.75	--	--	--	--	--

Remarks:

Checked by:   RW    
George S. Morrell, Supervisor