

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:	22 June 2011	Project No.:	0557-014
Attention:	Mr. Cuyler Feagles (cmf@portlandmaine.gov)		
Re:	Concrete Testing Terminal Enhancement, Portland Int. Jetport Portland, Maine		

City of Portland, Portland Int. Jetport

1001 Westbrook Street

Portland, Maine 04102

We are sending you attached concrete cylinder test results.

Cylinder No. (s)	Age (Days)
68422	28
68423	28

Remarks:

Copy To:  
Roy Williams: rsw@portlandmaine.gov  
Jim Stanislaski: jim\_stanislaski@gensler.com  
Cliff Takara: clifford\_takara@gensler.com  
Lacey Fogg: Lacey.Fogg@amec.com  
Mike Fusco: mfusco@tcco.com  
Shaun Winner: swinner@tcco.com  
Phil Coleman: pcoleman@tcco.com  
Elizabeth O'Toole: eotoole@tcco.com  
TMM@portlandmaine.gov  
ldobson@portlandmaine.gov  
rdixon@tcco.com  
gemitchell@tcco.com  
Remi Delcourt (remi@auburnconcrete.com)  
Jeff Evans, Amec (jeff.evans@amec.com)

Signed: Bertha Dawn

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

# R.W. GILLESPIE & ASSOCIATES

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

<b>Project Name:</b>	Terminal Enhancement at the Portland Jetport	<b>Date Cylinders Cast:</b>	24-May-11
<b>Project No:</b>	0557-014	<b>Concrete Supplier:</b>	Auburn Concrete
<b>Weather Conditions:</b>	Partly Cloudy	<b>General Contractor:</b>	Turner
<b>Method of Placement:</b>	Rear Discharge	<b>Design Strength:</b>	4000 PSI
<b>Admixtures:</b>	Glenium 7500	<b>Max. Aggregate Size:</b>	3/4 In.
<b>Placement Location:</b>	Loading Dock NE Footing		
<b>Test Cylinder Location:</b>	Y8 to Y8.5 +15'		

**Date Report Issued:** JUN 22 2011

4x8 Cylinders	4	Cast By	Matt A O'Connor	Time	
Load No.	1	Slump (in)	ASTM C 143		Batched @ 2:00 PM
Ticket No.	127251	Air (°F)			Arrived @ 2:15 PM
Truck No.	230	Concrete (°F)	75.5		Total Time 40 ±
Cubic Yds.	8.5	Air Content (%)	ASTM C 231	6.4	

\*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field Cure Days: 1

Date Received: 25-May-11

Condition of Cylinders: Good

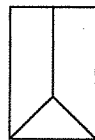
Lab No.	Test Date	Ave Dia (in)	Ave Area (in <sup>2</sup> )	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break Type
68421	31-May-11	4.010	12.63	7	59075	4680	3
68422	21-Jun-11	4.014	12.65	28	70905	5600	5
68423	21-Jun-11	4.014	12.65	28	73420	5800	2
68424	HOLD			H			

\*Concrete compressive strength by ASTM C 39

### Types of Breaks



Cone  
1



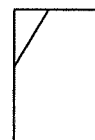
Cone & Split  
2



Columnar  
3



Shear  
4



Side Fracture  
5



Double Side Fracture  
6

Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min)
2	127252	116	8.5	--	--	--	--	50

Remarks: Curing Temperatures: High = 88.7°, Low = 69°

Checked by:   
 MTC Mathew T. Grady, Manager of MTS

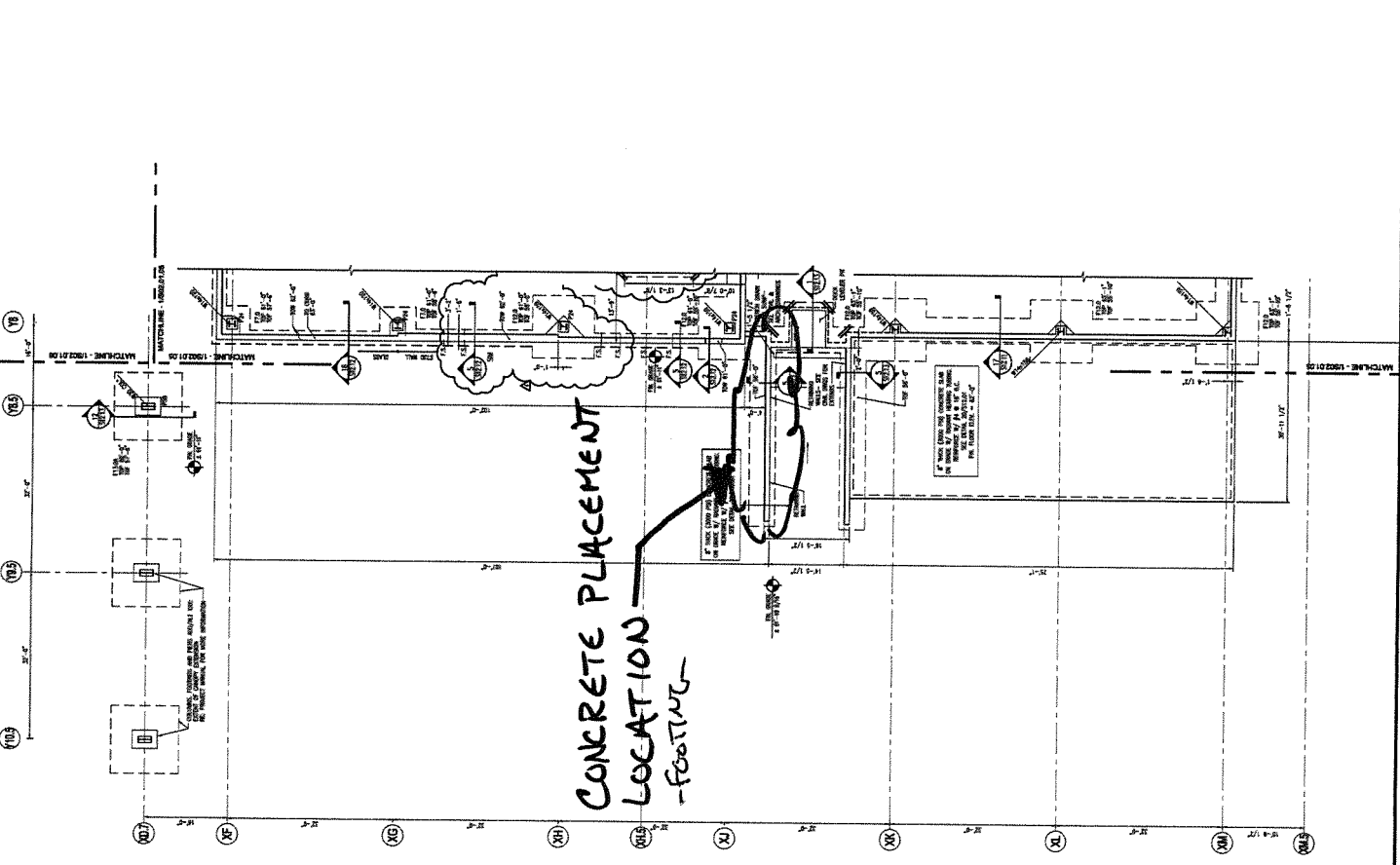
Portland International  
Jetport  
101 Westwood Street  
Portland, Maine 04102

**Gensler**  
**mst** ASSOCIATES, INC.  
engineers • architects • interior architects • landscape architects

101 Westwood Street  
Portland, Maine 04102  
Telephone 233.7100  
Facsimile 233.7100

**SHEET NOTES**

01. REVISIONS SHOWN BY DATE OF SHEET 211.0.
02. DIMENSIONS SHOWN ON THIS SHEET ARE THE CENTER-TO-CENTER DIMENSIONS UNLESS OTHERWISE NOTED.
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PROJECT: 557-14  
PORTLAND JETPORT  
DATE: 5/24/61  
TECH: MJK/MAO

**GENERAL NOTES**

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AUTHORITIES.
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**KEY PLAN**

1 2 3 4 5 6

FOUNDATION PLAN - LEVEL 1&2 - ZONE 7

1/8" = 1'-0"

S02.01.07