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

City of Portland, Portand Int. Jetport

1001 Westbrook Street

Portland, Maine 04102

We are sending you attached concrete cylinder test results.

Cylinder No. (s)	Age (Days)
68430	28
68431	28
68434	28
68435	28
68438	28
68439	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

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200 International Drive, Suite 170, Portsmouth, NH 03801 (603) 427-0244

CONCRETE TEST/PLACEMENT REPORT

Project Name:	Terminal Enhancement at the Portland Jetport	**Date Cylinders Cast:**	26-May-11
Project No:	0557-014	**Concrete Supplier:**	Auburn Concrete
Weather Conditions:	Overcast	**General Contractor:**	Turner
Method of Placement:	Pump	**Design Strength:**	4500 PSI
Admixtures:	Glenium 7500	**Max. Aggregate Size:**	3/4 In.

Placement Location: Apron XM - XM.5+15' / Y4.8 - ZC

Test Cylinder Location: ZC/XM.5 - XM

JUN 23 2011

Date Report Issued:

4x8 Cylinders	4	Cast By	Michael J Kramlich	Time	
Load No.	3	Slump (in) ASTM C 143	5.25	Batched @	7:24 AM
Ticket No.	127286	Air (°F)	55	Arrived @	7:45 AM
Truck No.	78	Concrete (°F)	72	Total Time	45 ±
Cubic Yds.	10	Air Content (%) ASTM C 231	5.2		

*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field Cure Days: 1

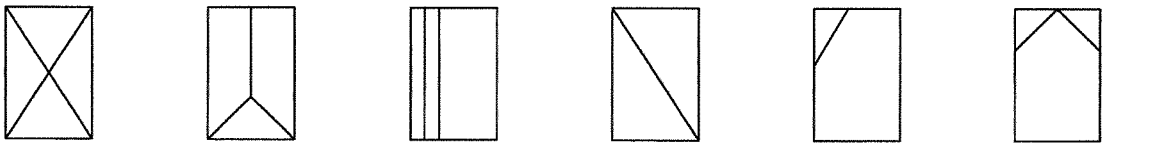
Date Received: 27-May-11

Condition of Cylinders: Good

Lab No.	Test Date	Ave Dia (in)	Ave Area (in^2)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break Type
68429	2-Jun-11	4.033	12.77	7	73615	5760	5
68430	23-Jun-11	4.017	12.67	28	87545	6910	2
68431	23-Jun-11	4.017	12.67	28	90550	7150	2
68432	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)
1	127284	86	10	--	--	--	--	45±
*2	127285	101	10	8.00	55	--	--	--
4	127289	94	10	--	--	--	--	40±
5	127293	76	10	--	--	--	--	45±
6	127295	86	10	--	--	--	--	40±

Remarks: Total loads = 17

*Load 2 was rejected after first yard due to high slump per S. Winner of TCCO.

Checked by: Don C Mennelly

For Mathew T. Grady, Manager of MTS

R.W. GILLESPIE & ASSOCIATES

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CONCRETE TEST/PLACEMENT REPORT

Project Name:	Terminal Enhancement at the Portland Jetport	**Date Cylinders Cast:**	26-May-11
Project No:	0557-014	**Concrete Supplier:**	Auburn Concrete
Weather Conditions:	Partly Cloudy	**General Contractor:**	Turner
Method of Placement:	Pump	**Design Strength:**	4500 PSI
Admixtures:	Glenium 7500	**Max. Aggregate Size:**	3/4 In.

Placement Location: Apron XM - XM.5+15' / Y4.8 - ZC

Test Cylinder Location: Y 0.5 - Y1/XM.5 - XM + 5+15'

Date Report Issued: JUN 23 2011

4x8 Cylinders	4	Cast By	Michael J Kramlich	Time	
Load No.	7	Slump (in) ASTM C 143	5.25	Batched @	8:35 AM
Ticket No.	127296	Air (°F)	58	Arrived @	8:57 AM
Truck No.	78	Concrete (°F)	74	Total Time	35 ±
Cubic Yds.	10	Air Content (%) ASTM C 231	6.3		

*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field Cure Days: 1

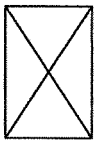
Date Received: 27-May-11

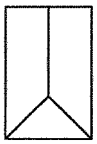
Condition of Cylinders: Good

Lab No.	Test Date	Ave Dia (in)	Ave Area (in^2)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break Type
68433	2-Jun-11	4.033	12.77	7	73480	5750	5
68434	23-Jun-11	4.017	12.67	28	88255	6960	5
68435	23-Jun-11	4.017	12.67	28	86170	6800	2
68436	HOLD			H			

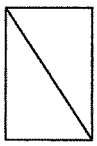
*Concrete compressive strength by ASTM C 39

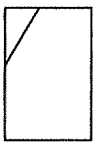
Types of Breaks

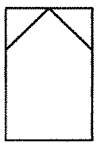

Cone
1


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)
8	127297	99	10	--	--	--	--	35±
9	184945	94	10	--	--	--	--	45±
10	184946	76	10	--	--	--	--	52±
11	184947	83	10	--	--	--	--	45±
12	184948	99	10	--	--	--	--	45±

Remarks: Total loads = 17

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

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CONCRETE TEST/PLACEMENT REPORT

Project Name:	Terminal Enhancement at the Portland Jetport	**Date Cylinders Cast:**	26-May-11
Project No:	0557-014	**Concrete Supplier:**	Auburn Concrete
Weather Conditions:	Sunny	**General Contractor:**	Turner
Method of Placement:	Pump	**Design Strength:**	4500 PSI
Admixtures:	Glenium 7500	**Max. Aggregate Size:**	3/4 In.

Placement Location: Apron XM - XM.5+15' / Y4.8 - ZC

Test Cylinder Location: Y2.5-Y3/XM-XM.5

JUN 23 2011

Date Report Issued:

4x8 Cylinders	4	Cast By		Michael J Kramlich	Time	
Load No.	13	Slump (in)	ASTM C 143	4.75	Batched @	10:03 AM
Ticket No.	184949	Air (°F)		61	Arrived @	10:26 AM
Truck No.	94	Concrete (°F)		75	Total Time	45 ±
Cubic Yds.	10	Air Content (%)	ASTM C 231	6.6		

*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field Cure Days: 1

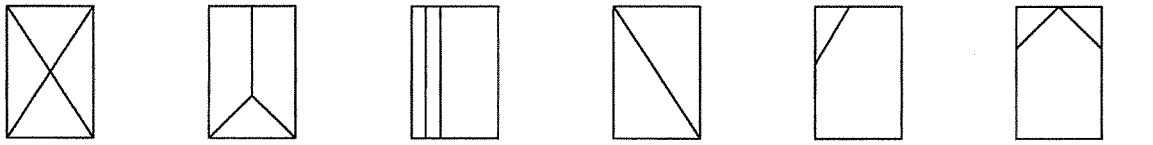
Date Received: 27-May-11

Condition of Cylinders: Good

Lab No.	Test Date	Ave Dia (in)	Ave Area (in^2)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break Type
68437	2-Jun-11	4.033	12.77	7	72195	5650	3
68438	23-Jun-11	4.017	12.67	28	89635	7070	2
68439	23-Jun-11	4.017	12.67	28	89130	7030	5
68440	HOLD			H			

*Concrete compressive strength by ASTM C 39

Types of Breaks



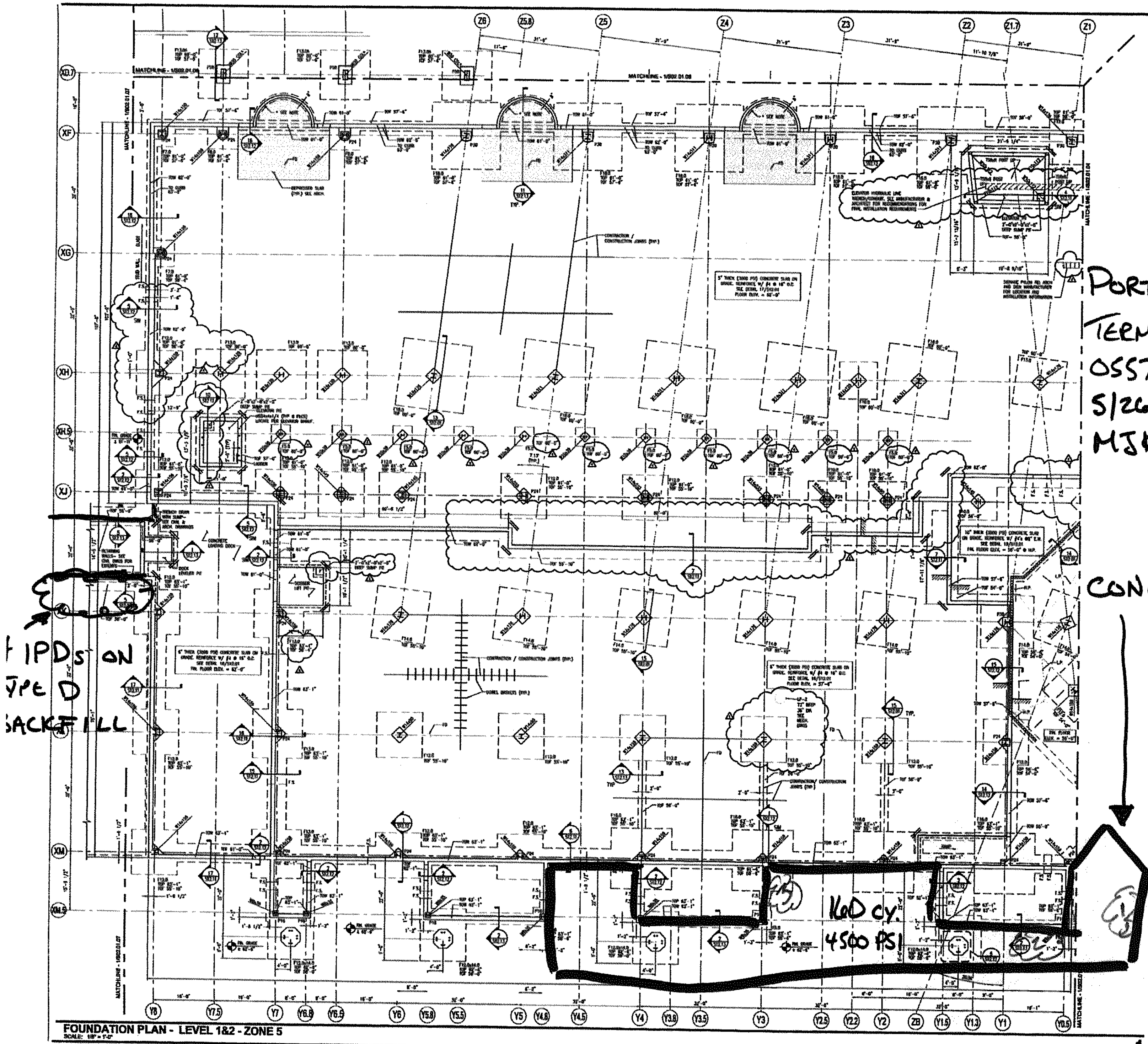
Cone 1 | Cone & Split 2 | Columnar 3 | Shear 4 | Side Fracture 5 | Double Side Fracture 6

Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min)
14	184952	76	10	--	--	--	--	45±
15	184956	83	10	--	--	--	--	30±
16	184957	99	10	--	--	--	--	35±
17	184958	85	10	--	--	--	--	40±

Remarks: Total loads = 17

Checked by: _____

FOR Mathew T. Grady, Manager of MTS



SHEET NOTES

GENERAL NOTES

Portland International Jetport
1001 Westbrook Street
Portland, Maine 04102

Gensler

oest ASSOCIATES, INC.
engineers • architects • surveyors • construction managers

01	07/11/08	SCHEMATIC DESIGN
02	09/22/08	DESIGN DEVELOPMENT
03	12/03/08	75% CONSTRUCTION DOCUMENTS
04	01/23/09	95% CONSTRUCTION DOCUMENTS
05	10/26/09	ISSUED FOR PERMIT
06	11/12/09	ADDENDUM #2
07	01/12/10	BULLETIN #1

FOUNDATION PLAN - LEVEL 1&2 - ZONE 5

1/8" = 1'-0"

S02.01.05