

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

City of Portland, Portland Int. Jetport

1001 Westbrook Street

Portland, Maine 04102

Date:	July 26, 2010	Project No.:	557-14
Attention:	Mr. Cuyler Feagles (cmf@portlandmaine.gov)		
Re:	Concrete Testing Terminal Enhancement, Portland Int. Jetport Portland, Maine		

We are sending you attached concrete cylinder test results.

Cylinder No. (s)	Age (Days)
66023	28
66024	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

Signed: Bertha Dawn

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CONCRETE TEST/PLACEMENT REPORT

Project Name:	Terminal Enhancement, Portland Int. Jetport	Date Cylinders Cast:	28-Jun-10
Project No:	557-14	Concrete Supplier:	Auburn
Weather Conditions:	Overcast	General Contractor:	Turner
Method of Placement:	--	Design Strength:	4,000
Admixtures:	Glenium 7500, Pozzoloth 100XR, Microair	Max Agg. Size:	3/4
Placement Location:	Walls & Footings: See attached sketch		
Test Cylinder Location:	Foundation Wall: Line XM.5/Y0.5		

Date Report Issued: JUL 26 2010

4x8 Cylinders	4	Cast by	Rodney R. Collard			
Load No.	1	Slump (in) ASTM C 143	5.5	Time	Batched @	1:16
Ticket No.	167024	Air (°F)	80		Arrived @	1:40
Truck No.	101	Concrete (°F) ASTM C 1064	75		Total Time	44
Cubic Yds.	10	Air Content (%) ASTM C 231	6.8			

*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
 Date received 29-Jun-10
 Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
66022	06-Jul-10	4.014	12.65	8	48,660	3850	2
66023	26-Jul-10	4.014	12.65	28	63,540	5020	5
66024	26-Jul-10	4.014	12.65	28	66,200	5230	2
66025	HOLD			HOLD			

*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	167025	94	10	--	--	--	--	60
3	167026	84	10	--	--	--	--	90
4	167027	98	10	--	--	--	--	28

Remarks: Curing Temperatures: Max = 81°, Min = 71°

Checked by: Matthew T. Grady
 Matthew T. Grady, Manager of MTS

557-14 RRC 6/28/10

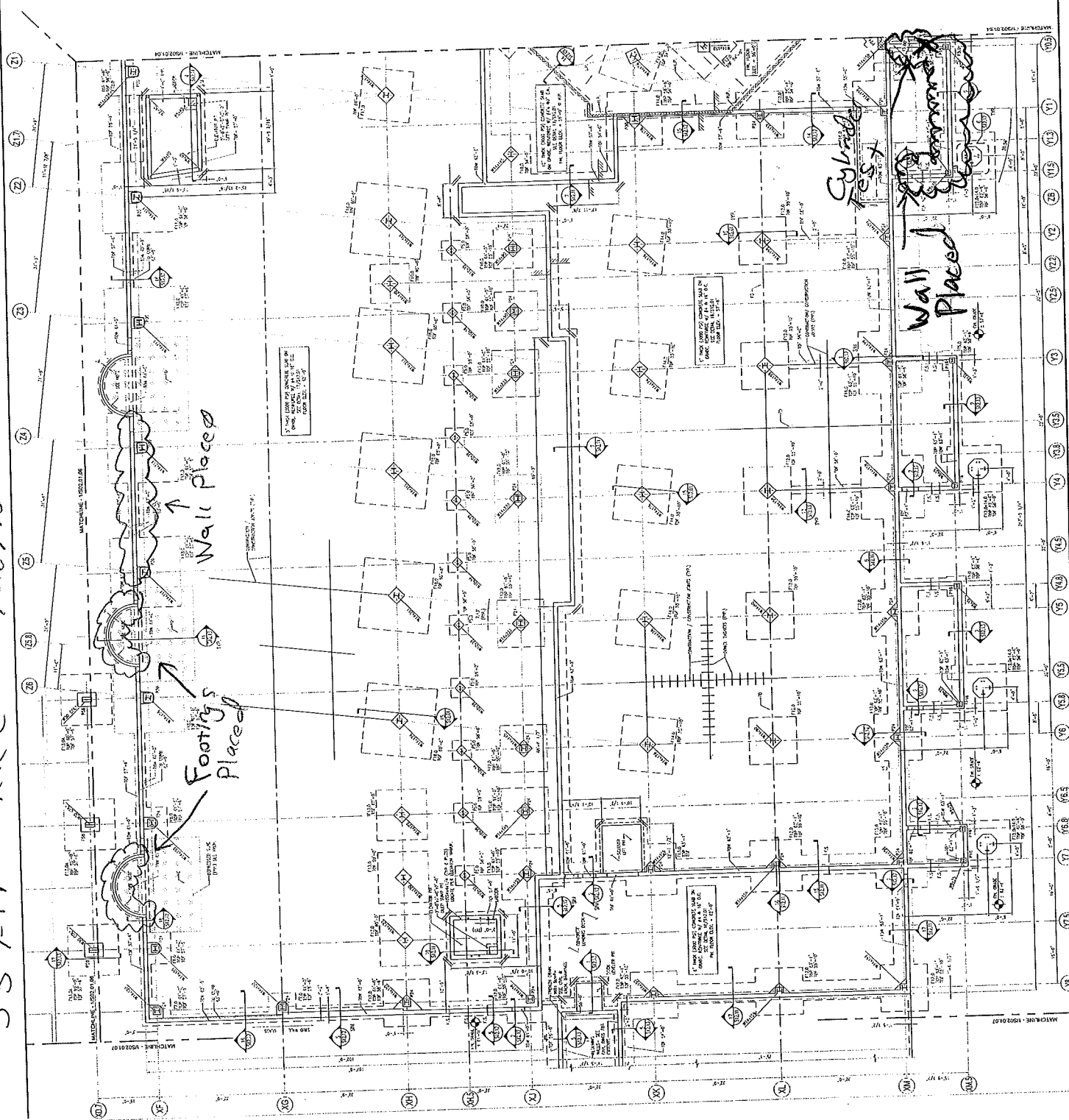
Portland International
Jetport
1000 Westwood Street
Portland, Maine 04102

Genler

best ASSOCIATES, INC.
ENGINEERS • ARCHITECTS • INTERIOR DESIGNERS

SHEET NOTES
1. VERIFY FIELD DATA BY VISUAL MEANS.
2. VERIFY ALL DIMENSIONS AND LOCATIONS OF ALL STRUCTURES AND UTILITIES.
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2008 GENLER INC.
1000 WESTWOOD STREET
PORTLAND, ME 04102
PHONE: 207.733.1000
FAX: 207.733.1000



GENERAL NOTES
1. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.
2. VERIFY ALL DIMENSIONS AND LOCATIONS OF ALL UTILITIES.
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KEY PLAN
7 6 5 4 3 2 1

S02.01.05
DATE: 06/28/10

FOUNDATION PLAN - LEVEL 1&2 - ZONE 5
SCALE: 1/4" = 1'-0"

557-14 RRC 6/8/10

Portland International Jetport
1001 Westbrook Street
Portland, Maine 04102

Genster

mest ASSOCIATES, INC.
engineers - architects - surveyors - construction managers

2000 Genesee Ave.
Suite 200
Portland, ME 04106
Tel: 603-763-3333
Fax: 603-763-3330

PROJECT NO. 111
DATE: 12/10/90
DRAWN BY: JCB
CHECKED BY: JCB
DATE: 12/10/90

SHEET NOTES

1. ALL DIMENSIONS UNLESS OTHERWISE NOTED ARE IN FEET AND INCHES.

2. DIMENSIONS IN PARENTHESIS ARE TO FACE UNLESS OTHERWISE NOTED.

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KEY PLAN

7 6 4 3 2 1

Scale: 1/8" = 1'-0"

S02.01.04

PIER SCHEDULE & DETAILS

PIER TYPE	PIER DIMENSIONS	REINFORCING
FD1	3'-0" x 3'-0"	AS PER DETAIL
FD2	3'-0" x 3'-0"	AS PER DETAIL
FD3	3'-0" x 3'-0"	AS PER DETAIL
FD4	3'-0" x 3'-0"	AS PER DETAIL
FD5	3'-0" x 3'-0"	AS PER DETAIL
FD6	3'-0" x 3'-0"	AS PER DETAIL
FD7	3'-0" x 3'-0"	AS PER DETAIL
FD8	3'-0" x 3'-0"	AS PER DETAIL
FD9	3'-0" x 3'-0"	AS PER DETAIL
FD10	3'-0" x 3'-0"	AS PER DETAIL
FD11	3'-0" x 3'-0"	AS PER DETAIL
FD12	3'-0" x 3'-0"	AS PER DETAIL
FD13	3'-0" x 3'-0"	AS PER DETAIL
FD14	3'-0" x 3'-0"	AS PER DETAIL
FD15	3'-0" x 3'-0"	AS PER DETAIL
FD16	3'-0" x 3'-0"	AS PER DETAIL
FD17	3'-0" x 3'-0"	AS PER DETAIL
FD18	3'-0" x 3'-0"	AS PER DETAIL
FD19	3'-0" x 3'-0"	AS PER DETAIL
FD20	3'-0" x 3'-0"	AS PER DETAIL

FOOTING SCHEDULE & DETAILS

FOOTING TYPE	FOOTING DIMENSIONS	REINFORCING
F1	3'-0" x 3'-0"	AS PER DETAIL
F2	3'-0" x 3'-0"	AS PER DETAIL
F3	3'-0" x 3'-0"	AS PER DETAIL
F4	3'-0" x 3'-0"	AS PER DETAIL
F5	3'-0" x 3'-0"	AS PER DETAIL
F6	3'-0" x 3'-0"	AS PER DETAIL
F7	3'-0" x 3'-0"	AS PER DETAIL
F8	3'-0" x 3'-0"	AS PER DETAIL
F9	3'-0" x 3'-0"	AS PER DETAIL
F10	3'-0" x 3'-0"	AS PER DETAIL
F11	3'-0" x 3'-0"	AS PER DETAIL
F12	3'-0" x 3'-0"	AS PER DETAIL
F13	3'-0" x 3'-0"	AS PER DETAIL
F14	3'-0" x 3'-0"	AS PER DETAIL
F15	3'-0" x 3'-0"	AS PER DETAIL
F16	3'-0" x 3'-0"	AS PER DETAIL
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