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.:
July 28, 2010	557-14
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)
66358	7
66362	7

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

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

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

CONCRETE TEST/PLACEMENT REPORT

Project Name: Terminal Enhancement, Portland Int. Jetport
Project No: 557-14
Weather Conditions: Sunny
Method of Placement: Pump
Admixtures: Micro Air, Glenium 7500, Pozzolith 100XR
Placement Location: Piers, Foundation Walls, & Footings - See Attached Sketch
Test Cylinder Location: Pier: XJ/Y8

Date Cylinders Cast: 21-Jul-10
Concrete Supplier: Auburn
General Contractor: Turner
Design Strength: 4,000
Max Agg. Size: 3/4
Date Report Issued: JUL 3 0 2010

4x8 Cylinders	4	Cast by	Rodney R. Collard	Time	
Load No.	1	Slump (in) ASTM C 143	4.0	Batched @	12:07
Ticket No.	167554	Air (°F)	85	Arrived @	12:30
Truck No.	99	Concrete (°F) ASTM C 1064	76	Total Time	53
Cubic Yds.	10	Air Content (%) ASTM C 231	5.1		

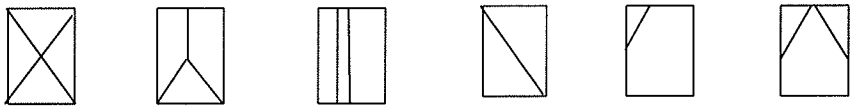
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
Date received 22-Jul-10
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
66358	28-Jul-10	4.019	12.69	7	49,260	3880	2
66359	18-Aug-10			28			
66360	18-Aug-10			28			
66361	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	167556	118	10	--	--	--	--	45
3	167557	78	10	--	--	--	--	37
4	167559	102	10	--	--	79	--	30
5	167561	99	10	--	--	--	--	25

Remarks: Total loads = 8

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

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CONCRETE TEST/PLACEMENT REPORT

Project Name: Terminal Enhancement, Portland Int. Jetport
Project No: 557-14
Weather Conditions: Sunny
Method of Placement: Pump
Admixtures: Micro Air, Glenium 7500, Pozzolith 100XR
Placement Location: Spread Footings: XH/Y7, XH/Y7.5, XH/Y6.5, XH.5/Y7.5
Test Cylinder Location: Footing: XH/Y7

Date Cylinders Cast: 21-Jul-10
Concrete Supplier: Auburn
General Contractor: Turner
Design Strength: 4,000
Max Agg. Size: 3/4

Date Report Issued: JUL 3 0 2010

4x8 Cylinders	4	Cast by	Rodney R. Collard	Time	
Load No.	6	Slump (in) ASTM C 143	5.75	Batched @	2:12
Ticket No.	167563	Air (°F)	86	Arrived @	--
Truck No.	78	Concrete (°F) ASTM C 1064	78	Total Time	35
Cubic Yds.	10	Air Content (%) ASTM C 231	5.1		

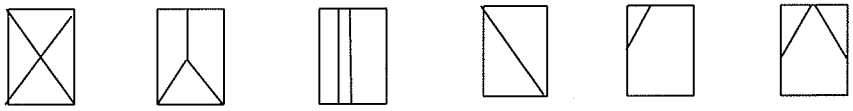
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
Date received 22-Jul-10
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
66362	28-Jul-10	4.019	12.69	7	41,000	3230	3
66363	18-Aug-10			28			
66364	18-Aug-10			28			
66365	HOLD			HOLD			

*Concrete compressive strength by ASTM C 39

Types of Breaks



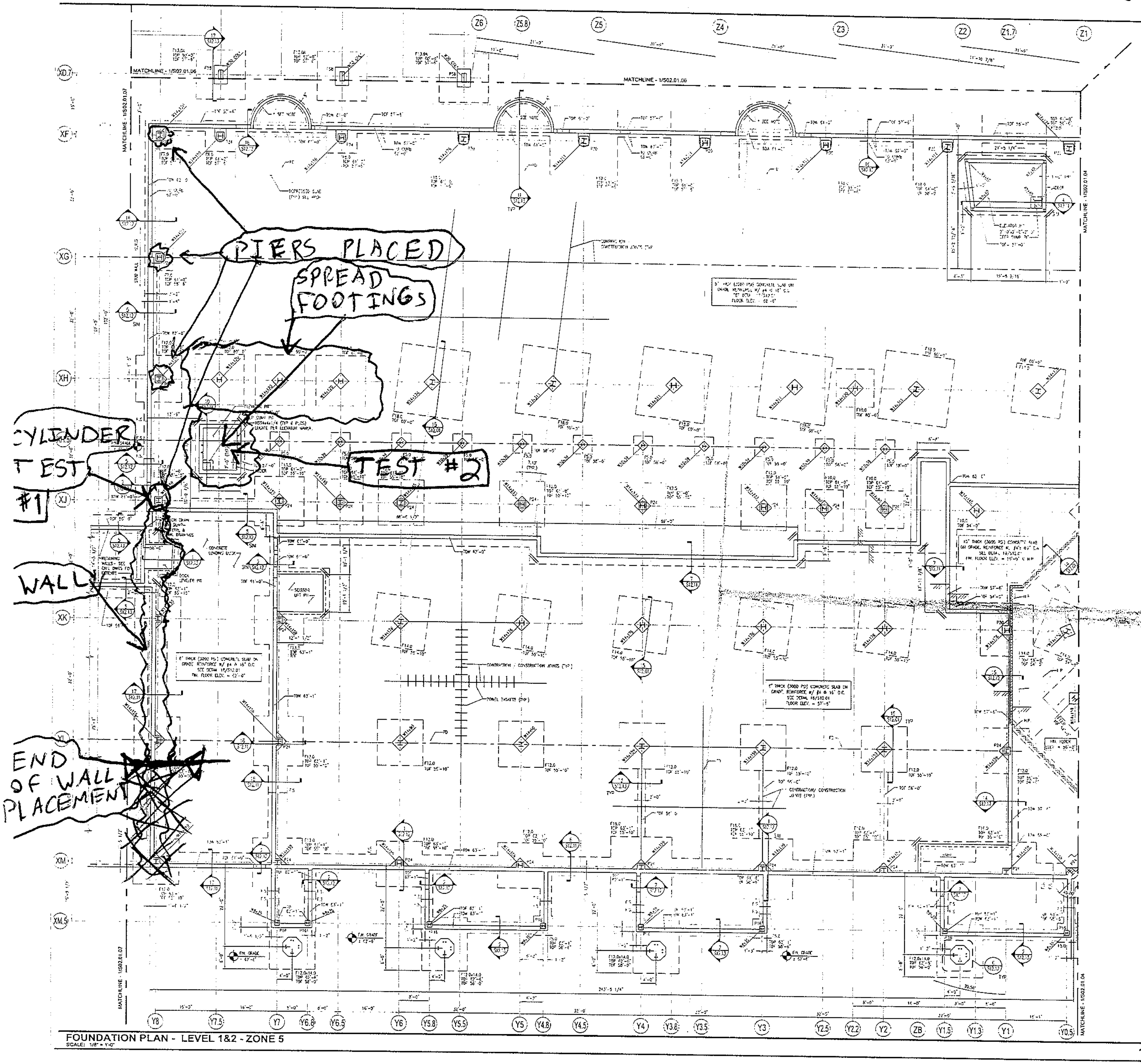
Cone 1 | Cone & Split 2 | Columnar 3 | Shear 4 | Side Fracture 5 | Double Side Fracture 6

Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min.)
7	167564	102	6	--	--	--	--	40
8	167565	77	6	--	--	--	--	30

Remarks: Total loads = 8

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

PORTLAND JETPORT 557-14 7/21/10 RODNEY COLLARD



FOUNDATION PLAN - LEVEL 1&2 - ZONE 5

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

1

SHEET NOTES

GENERAL NOTES

Portland International Jetport

1001 Westbrook Street
Portland, Maine 04102

Gensler

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

KEY PLAN

7 6 5 4 3 2 1

PWM Terminal Enhancement

FOUNDATION PLAN - LEVEL 1&2 - ZONE 5

S02.01.05