

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:	10 May 2011	Project No.:	0557-014
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)
68187	28
68188	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:	11-Apr-11
Project No:	0557-014	Concrete Supplier:	Auburn Concrete
Weather Conditions:	Overcast	General Contractor:	Turner
Method of Placement:	Pump	Design Strength:	5000 PSI
Admixtures:	Glenium 7500, Pozzotec 20+	Max. Aggregate Size:	3/4 In.

Placement Location: Fnd. Walls, Jet Blue Gate @ F/1ZD
Test Cylinder Location: West Fnd Wall From Exist. Wall To 20' Out

Date Report Issued: **MAY 10 2011**

4x8 Cylinders	4	Cast By	Michael J Kramlich	Time
Load No.	2	Slump (in)	ASTM C 143	6.5
Ticket No.	161643	Air (°F)		52
Truck No.	99	Concrete (°F)		65
Cubic Yds.	10	Air Content (%)	ASTM C 231	3.8

Batched @ 1:58 AM
 Arrived @ 2:17 AM
 Total Time 45 ±

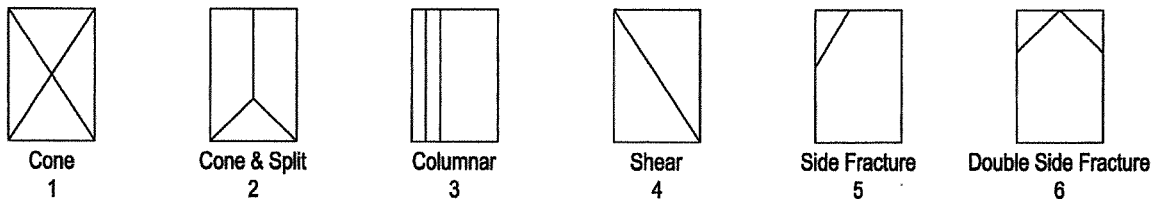
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field Cure Days: 1
 Date Received: 12-Apr-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
68186	18-Apr-11	4.021	12.70	7	44540	3510	5
68187	9-May-11	4.001	12.57	28	96685	7690	2
68188	9-May-11	4.001	12.57	28	96560	7680	5
68189	HOLD			H			


*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	161642	116	10	--	--	--	--	55
3	161644	98	10	--	--	--	--	40

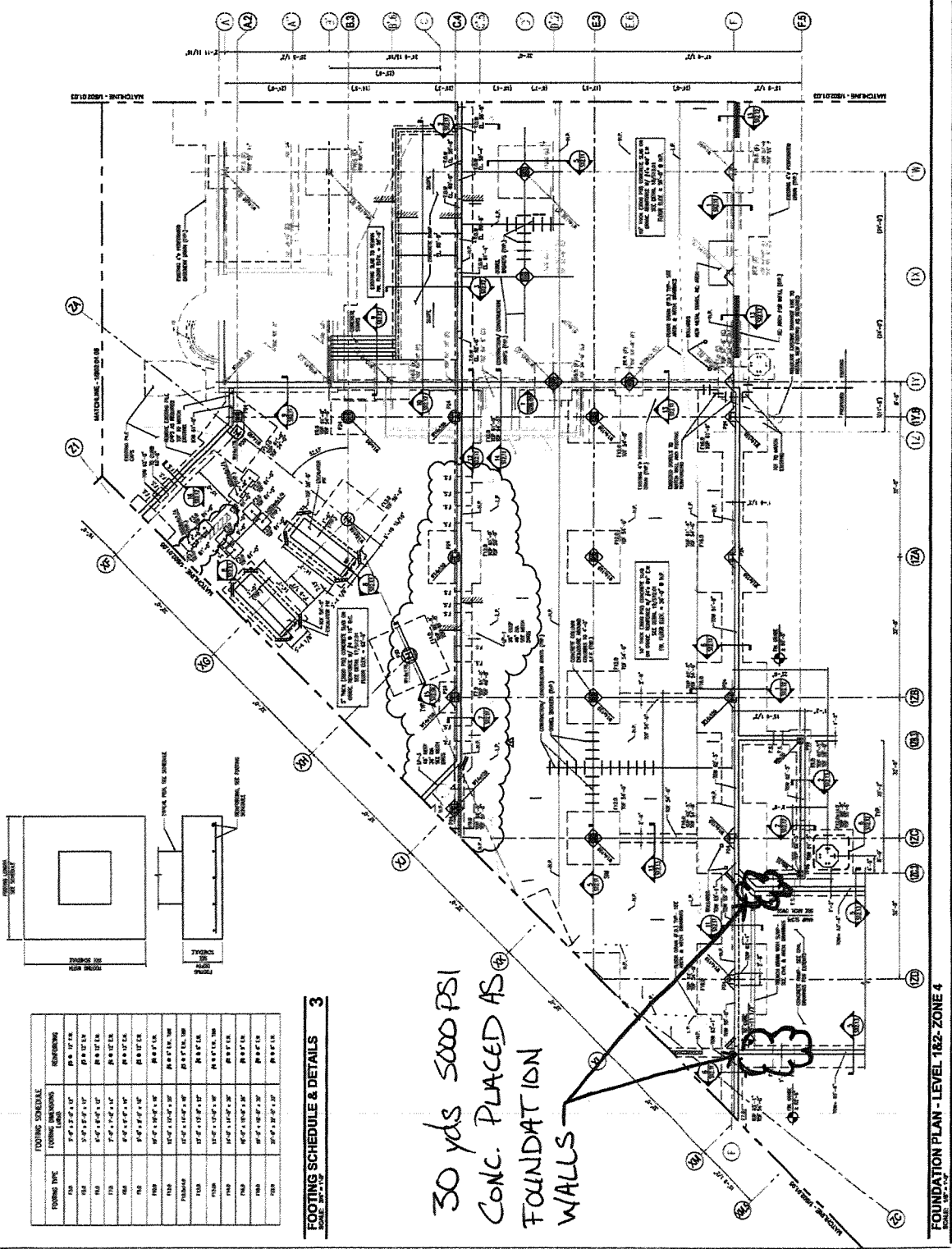
Remarks: 3,000 psi design strength was required; 5,000 psi was used.

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

PORTLAND INT'L JETPORT
 TERMINAL EXPANSION
 PROJECT No.: 0557-014
 DATE: 4/11/2011
 MSK

SHEET NOTES

1. REFER TO SHEET S02.01.03 FOR SHEET INDEX.
2. REFER TO SHEET S02.01.05 FOR SHEET INDEX.
3. REFER TO SHEET S02.01.06 FOR SHEET INDEX.
4. REFER TO SHEET S02.01.07 FOR SHEET INDEX.
5. REFER TO SHEET S02.01.08 FOR SHEET INDEX.
6. REFER TO SHEET S02.01.09 FOR SHEET INDEX.
7. REFER TO SHEET S02.01.10 FOR SHEET INDEX.
8. REFER TO SHEET S02.01.11 FOR SHEET INDEX.
9. REFER TO SHEET S02.01.12 FOR SHEET INDEX.
10. REFER TO SHEET S02.01.13 FOR SHEET INDEX.
11. REFER TO SHEET S02.01.14 FOR SHEET INDEX.
12. REFER TO SHEET S02.01.15 FOR SHEET INDEX.
13. REFER TO SHEET S02.01.16 FOR SHEET INDEX.
14. REFER TO SHEET S02.01.17 FOR SHEET INDEX.
15. REFER TO SHEET S02.01.18 FOR SHEET INDEX.
16. REFER TO SHEET S02.01.19 FOR SHEET INDEX.
17. REFER TO SHEET S02.01.20 FOR SHEET INDEX.

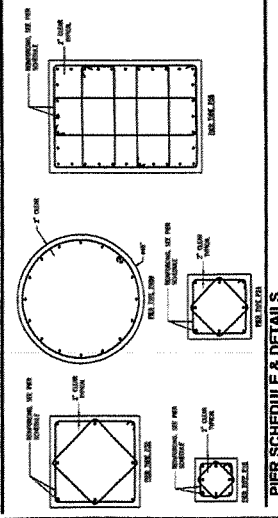


PIER SCHEDULE

PIER TYPE	PIER DIMENSIONS	VERTICAL REINFORCING	YES
P10	24" x 24"	#3 @ 12" O.C.	
P11	24" x 24"	#3 @ 12" O.C.	
P12	24" x 24"	#3 @ 12" O.C.	
P13	24" x 24"	#3 @ 12" O.C.	
P14	24" x 24"	#3 @ 12" O.C.	
P15	24" x 24"	#3 @ 12" O.C.	
P16	24" x 24"	#3 @ 12" O.C.	
P17	24" x 24"	#3 @ 12" O.C.	
P18	24" x 24"	#3 @ 12" O.C.	
P19	24" x 24"	#3 @ 12" O.C.	
P20	24" x 24"	#3 @ 12" O.C.	

FOOTING SCHEDULE & DETAILS

FOOTING TYPE	FOOTING DIMENSIONS	REINFORCING
F10	24" x 24" x 12"	#3 @ 12" O.C.
F11	24" x 24" x 12"	#3 @ 12" O.C.
F12	24" x 24" x 12"	#3 @ 12" O.C.
F13	24" x 24" x 12"	#3 @ 12" O.C.
F14	24" x 24" x 12"	#3 @ 12" O.C.
F15	24" x 24" x 12"	#3 @ 12" O.C.
F16	24" x 24" x 12"	#3 @ 12" O.C.
F17	24" x 24" x 12"	#3 @ 12" O.C.
F18	24" x 24" x 12"	#3 @ 12" O.C.
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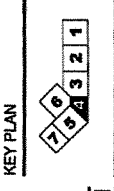


FOOTING SCHEDULE & DETAILS

30 yds 5000 PSI
 CONC. PLACED AS
 FOUNDATION
 WALLS

GENERAL NOTES

1. ALL CONCRETE SHALL BE 5000 PSI STRENGTH.
2. ALL REINFORCING SHALL BE #3.
3. ALL REINFORCING SHALL BE PLACED AS SHOWN.
4. ALL REINFORCING SHALL BE TIED TOGETHER.
5. ALL REINFORCING SHALL BE PLACED WITH 1" CLEARANCE.
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FOUNDATION PLAN - LEVEL 1&2 - ZONE 4