

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:	31 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)
68296	29
68297	29

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

Project Name:	Terminal Enhancement at the Portland Jetport	Date Cylinders Cast:	2-May-11
Project No:	0557-014	Concrete Supplier:	Auburn Concrete
Weather Conditions:	Sunny	General Contractor:	Turner
Method of Placement:	Pump	Design Strength:	3500 PSI
Admixtures:	Mid Range Water Reducer, Color	Max. Aggregate Size:	3/8 In.
Placement Location:	Stairs & Landing @ Int. W / Exist Building (See Sketch)		
Test Cylinder Location:	Stairs : Lightweight		

Date Report Issued: MAY 31 2011

4x8 Cylinders	4	Cast By	Michael J Kramlich	Time	
Load No.	1	Slump (in)	ASTM C 143		Batched @ 10:57 AM
Ticket No.	161960	Air (°F)			Arrived @ 11:25 AM
Truck No.	85	Concrete (°F)	65		Total Time 80 ±
Cubic Yds.	10	Air Content (%)	ASTM C 231	4.0	

*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field Cure Days: 1
 Date Received: 3-May-11
 Condition of Cylinders: Good

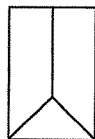
Lab No.	Test Date	Ave Dia (in)	Ave Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break Type
68295	9-May-11	4.001	12.57	7	47955	3810	5
68296	31-May-11	4.010	12.63	29	62450	4940	3
68297	31-May-11	4.010	12.63	29	57495	4550	5
68298	HOLD			H			

*Concrete compressive strength by ASTM C 39

Types of Breaks



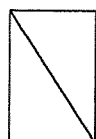
Cone
1



Cone & Split
2



Columnar
3



Shear
4



Side Fracture
5



Double Side Fracture
6

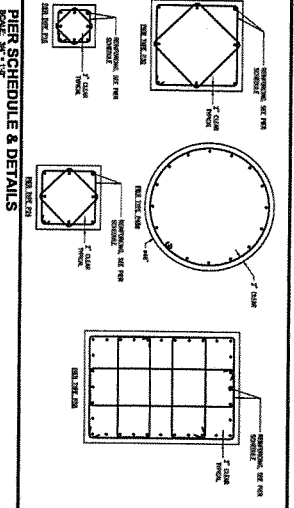
Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min)
2	--	--	3	--	--	--	--	--

Remarks:

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

TERMINAL EXPANSION
PORTLAND INT'L SEAPORT
SS7-14
5/2/2011
MJK

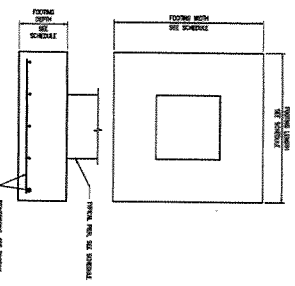
2



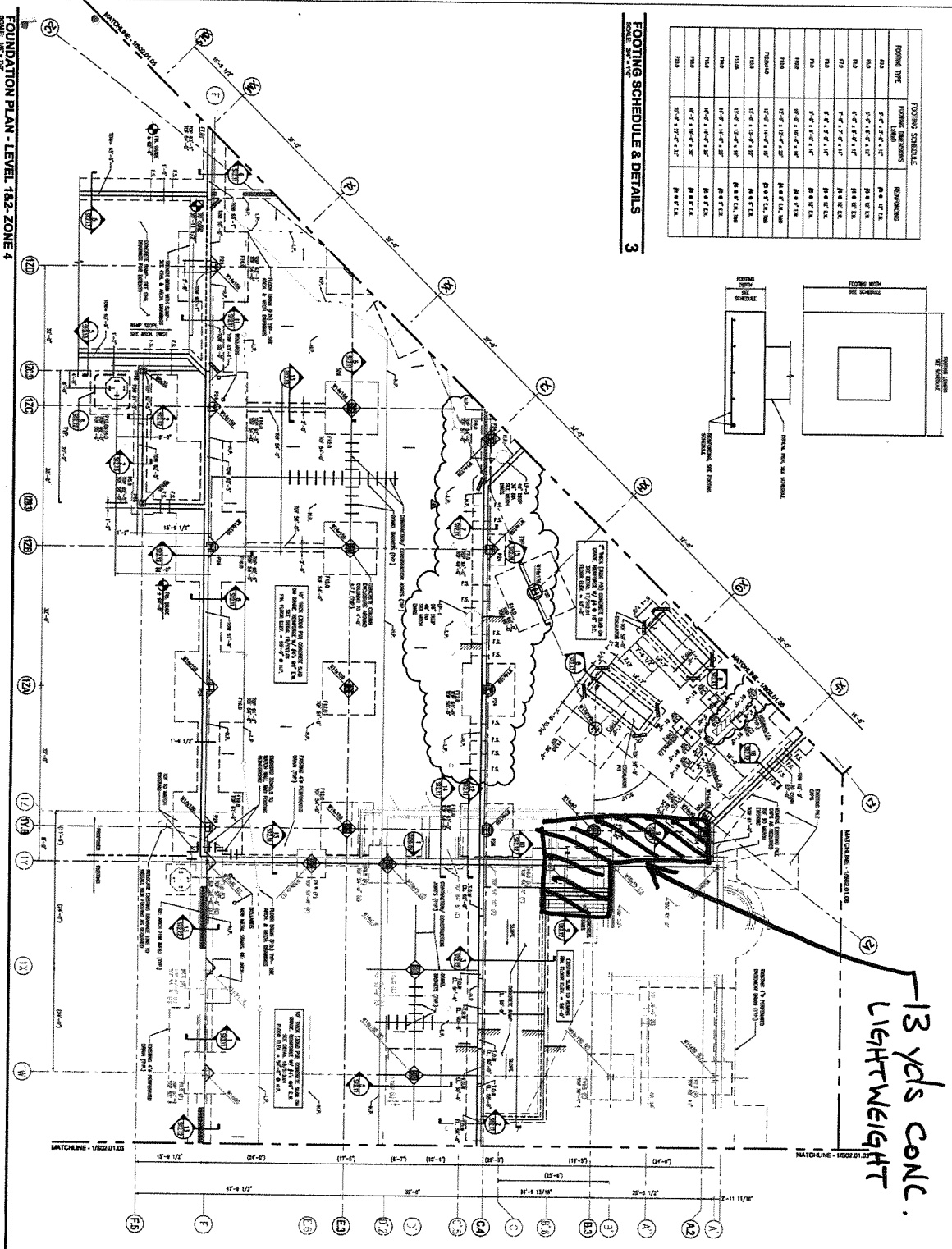
PIER SCHEDULE		
PIER TYPE	PIER DIMENSIONS	VERTICAL ELEVATIONS
P1	11' x 11'	27.50 @ P.1
P2	11' x 11'	27.50 @ P.1
P3	11' x 11'	27.50 @ P.1
P4	11' x 11'	27.50 @ P.1
P5	11' x 11'	27.50 @ P.1
P6	11' x 11'	27.50 @ P.1
P7	11' x 11'	27.50 @ P.1
P8	11' x 11'	27.50 @ P.1
P9	11' x 11'	27.50 @ P.1
P10	11' x 11'	27.50 @ P.1
P11	11' x 11'	27.50 @ P.1
P12	11' x 11'	27.50 @ P.1
P13	11' x 11'	27.50 @ P.1
P14	11' x 11'	27.50 @ P.1
P15	11' x 11'	27.50 @ P.1
P16	11' x 11'	27.50 @ P.1
P17	11' x 11'	27.50 @ P.1
P18	11' x 11'	27.50 @ P.1
P19	11' x 11'	27.50 @ P.1
P20	11' x 11'	27.50 @ P.1
P21	11' x 11'	27.50 @ P.1
P22	11' x 11'	27.50 @ P.1
P23	11' x 11'	27.50 @ P.1
P24	11' x 11'	27.50 @ P.1
P25	11' x 11'	27.50 @ P.1
P26	11' x 11'	27.50 @ P.1
P27	11' x 11'	27.50 @ P.1
P28	11' x 11'	27.50 @ P.1
P29	11' x 11'	27.50 @ P.1
P30	11' x 11'	27.50 @ P.1

FOOTING SCHEDULE	
FOOTING TYPE	FOOTING DIMENSIONS
F1	3'-0" x 3'-0" x 3'-0"
F2	3'-0" x 3'-0" x 3'-0"
F3	3'-0" x 3'-0" x 3'-0"
F4	3'-0" x 3'-0" x 3'-0"
F5	3'-0" x 3'-0" x 3'-0"
F6	3'-0" x 3'-0" x 3'-0"
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F11	3'-0" x 3'-0" x 3'-0"
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F30	3'-0" x 3'-0" x 3'-0"

FOOTING SCHEDULE & DETAILS
SCALE: 3/4" = 1'-0"



13 yds CONC.
 LIGHTWEIGHT



SHEET NOTES

1. REFER TO SHEET SS7-13 FOR PIER & FOOTING DETAILS.
2. ALL DIMENSIONS UNLESS OTHERWISE NOTED ARE IN FEET AND INCHES.
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KEY PLAN

GENERAL NOTES

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

S02.01.04

GENSLER

WEST ASSOCIATES, INC.

Portland International Jetport
 1001 Westbrook Street
 Portland, Maine 04102