

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:	June 22, 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)
65572	28
65573	28
65580	28
65581	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
 Idobson@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
Project No: 557-14
Weather Conditions: Sun
Method of Placement: Rear Discharge
Admixtures: Mid Range Water Reducer
Placement Location: Footings: XD/22,23
Test Cylinder Location: XD/22 Bottom half of South Corner

Date Cylinders Cast: 25-May-10
Concrete Supplier: Auburn
General Contractor: Turner
Design Strength: 4,000
Max Agg. Size: 3/4

Date Report Issued: JUN 22 2010

4x8 Cylinders	8	Cast by	Michael J. Kramlich	Time	
Load No.	3	Slump (in) ASTM C 143	7.0	Batched @	12:40
Ticket No.	170341	Air (°F)	87	Arrived @	1:00
Truck No.	94	Concrete (°F) ASTM C 1064	84	Total Time	--
Cubic Yds.	10	Air Content (%) ASTM C 231	5.3		

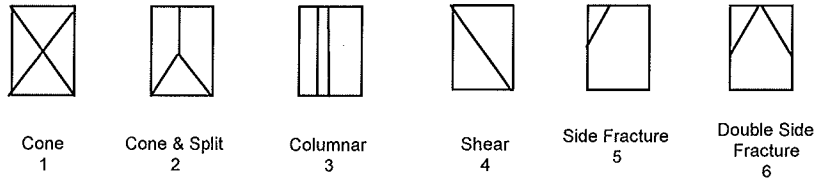
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
 Date received 26-May-10
 Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
65568	01-Jun-10	4.019	12.69	7	48,360	3810	3
65569	01-Jun-10	4.019	12.69	7	45,760	3610	5
*65570	HOLD			HOLD			
*65571	HOLD			HOLD			
65572	22-Jun-10	4.019	12.69	28	58,000	4570	2
65573	22-Jun-10	4.019	12.69	28	62,160	4900	5
*65574	25-May-10			HOLD			
*65575	HOLD			HOLD			

*Concrete compressive strength by ASTM C 39

Types of Breaks

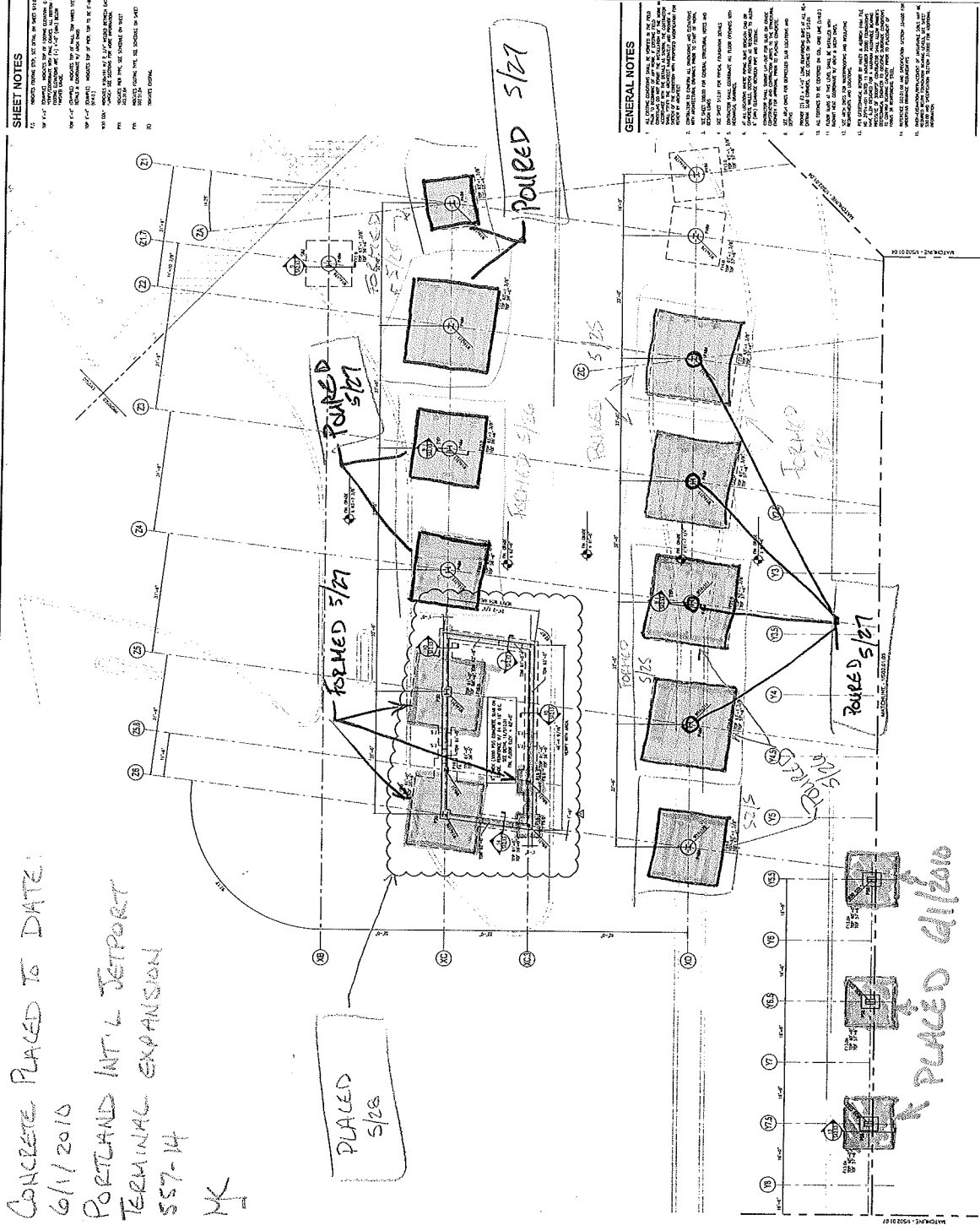


Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min.)
1	170338	98	10	--	--	--	--	35±
2	170339	97	10	--	--	--	--	50±
4	170343	101	10	--	--	--	--	35±
5	170344	117	10	--	--	--	--	27±
6	170345	98	10	--	--	--	--	28±
7	170346	97	10	--	--	--	--	45±

Remarks: Total Loads = 10
 *Field Cured
 Curing Temperatures: Max = 93°, Min = 76°

Checked by: 
 Matthew T. Grady, Manager of MTS

CONCRETE PLACED TO DATE:
 6/1/2010
 PORTLAND INT'L JETPORT
 TERMINAL EXPANSION
 557-14
 MK



Portland International
 Jetport
 1801 Melrose Street
 Portland, Maine 04102

Gensler
 BBS&J ASSOCIATES, INC.
 PROJECT ARCHITECTS

SHEET NOTES
 1. REVISIONS TO THIS SHEET SHALL BE MADE BY THE ARCHITECT OR ENGINEER OF RECORD.
 2. ALL DIMENSIONS SHALL BE TO UNLESS OTHERWISE NOTED.
 3. ALL DIMENSIONS SHALL BE TO THE FACE UNLESS OTHERWISE NOTED.
 4. ALL DIMENSIONS SHALL BE TO THE CENTERLINE UNLESS OTHERWISE NOTED.
 5. ALL DIMENSIONS SHALL BE TO THE CENTERLINE UNLESS OTHERWISE NOTED.
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GENERAL NOTES
 1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE BUILDING CODES AND SPECIFICATIONS.
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PROJECT NO. 05-00000000
 SHEET NO. 182-06
 DATE: 05/27/09
 DRAWN BY: J. BROWN
 CHECKED BY: M. JONES
 APPROVED BY: S. SMITH

SCALE: 1/8" = 1'-0"
 FOUNDATION PLAN - LEVEL 182 - ZONE 6

KEY PLAN

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27

FOUNDATION PLAN - LEVEL 182 - ZONE 6
 SCALE: 1/8" = 1'-0"

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Project Name: Terminal Enhancement, Portland Int. Jetport
Project No: 557-14
Weather Conditions: Sun
Method of Placement: Rear Discharge
Admixtures: Mid Range Water Reducer
Placement Location: Footings: XD/22,23
Test Cylinder Location: XD/23 Top half of North Corner

Date Cylinders Cast: 25-May-10
Concrete Supplier: Auburn
General Contractor: Turner
Design Strength: 4,000
Max Agg. Size: 3/4

Date Report Issued:

JUN 22 2010

4x8 Cylinders	8	Cast by	Michael J. Kramlich	Time	
Load No.	8	Slump (in) ASTM C 143	5.0	Batched @	2:00
Ticket No.	170347	Air (°F)	85	Arrived @	2:20
Truck No.	101	Concrete (°F) ASTM C 1064	85	Total Time	45±
Cubic Yds.	10	Air Content (%) ASTM C 231	5.4		

*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
 Date received 26-May-10
 Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
65576	01-Jun-10	4.019	12.69	7	49,780	3920	3
65577	01-Jun-10	4.019	12.69	7	52,440	4130	3
*65578	HOLD			HOLD			
*65579	HOLD			HOLD			
65580	22-Jun-10	4.019	12.69	28	63,220	4980	2
65581	22-Jun-10	4.019	12.69	28	64,420	5080	2
*65582	25-May-10			HOLD			
*65583	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.)
9	170348	94	10	--	--	--	--	65±
10	170349	117	10	--	--	--	--	35±

Remarks: Total Loads = 10
 *Field Cured
 Curing Temperatures: Max = 93°, Min = 76°

Checked by:
 Matthew T. Grady, Manager of MTS

SHEET NOTES

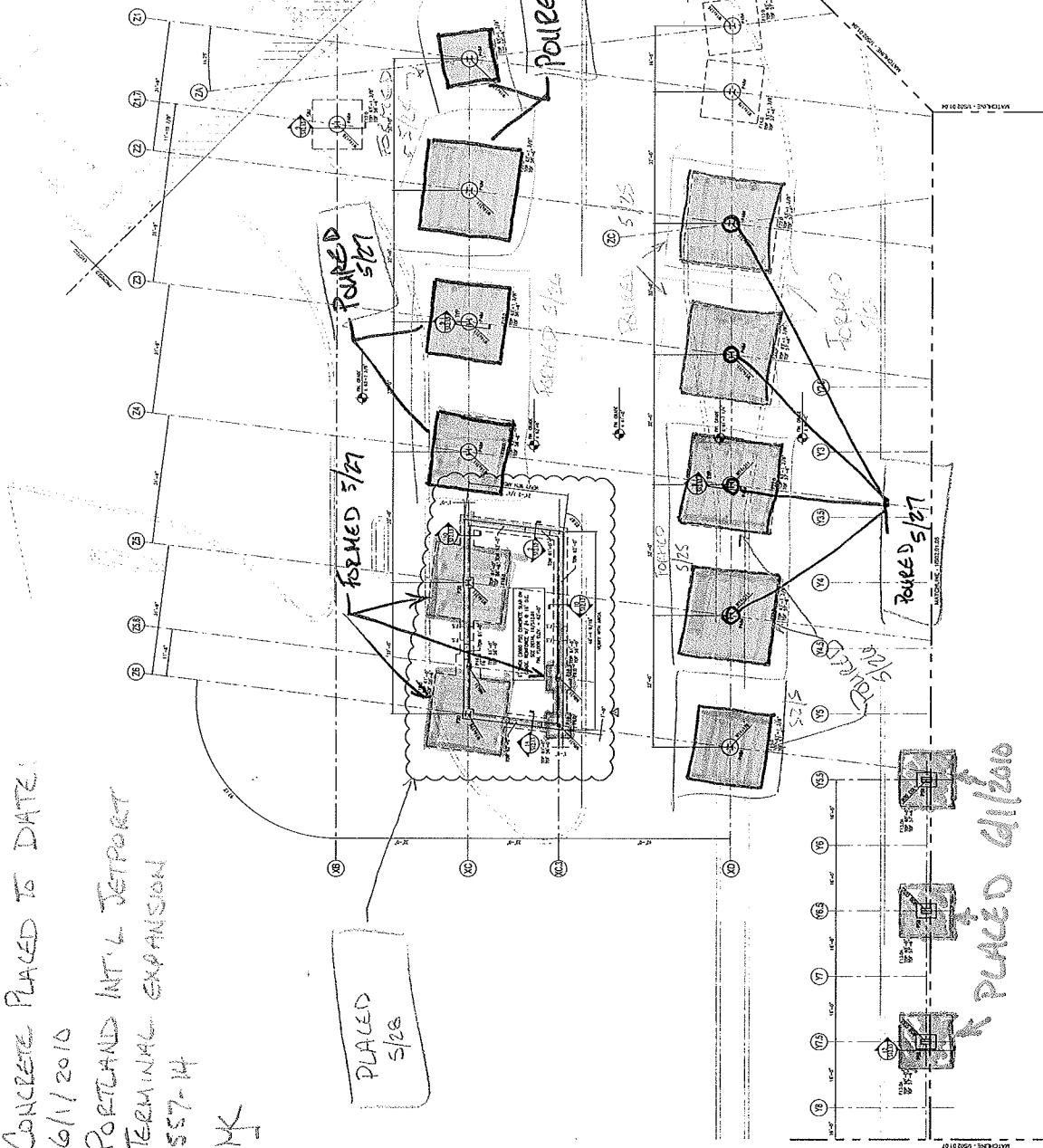
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5. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING CODES AND STANDARDS UNLESS OTHERWISE SPECIFIED:



CONCRETE PLACED TO DATE:
6/11/2010
PORTLAND INT'L JETPORT
TERMINAL EXPANSION
557-14
MK

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KEY PLAN

7 5 4 3 2 1

S02.01.06

FOUNDATION PLAN - LEVEL 182 - ZONE 6