

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:	August 18, 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)
66685	7
66689	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
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 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:	11-Aug-10
Project No:	557-14	Concrete Supplier:	Auburn
Weather Conditions:	Sunny	General Contractor:	Turner
Method of Placement:	Pump	Design Strength:	4,000
Admixtures:	MicroAir, Glenium 7500, Pozzoloth 100XR	Max Agg. Size:	3/4
Placement Location:	Foundation walls, footings and piers - See attached sketch		
Test Cylinder Location:	Foundation wall - 20' southwest of XJ/Z4		

Date Report Issued: **AUG 19 2010**

4x8 Cylinders	4	Cast by	Rodney R. Collard	Time
Load No.	1	Slump (in) ASTM C 143	5.5	Batched @ 12:54
Ticket No.	178238	Air (°F)	84	Arrived @ --
Truck No.	83	Concrete (°F) ASTM C 1064	77	Total Time 50
Cubic Yds.	10	Air Content (%) ASTM C 231	6.6	

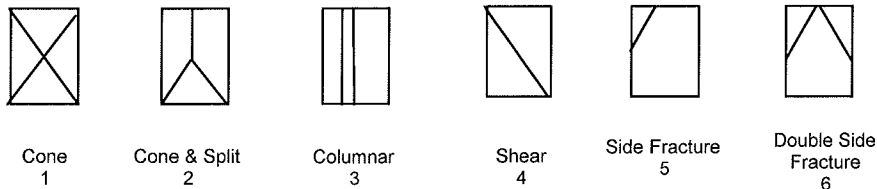
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
Date received 12-Aug-10
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
66685	18-Aug-10	4.016	12.67	7	50,040	3950	2
66686	08-Sep-10			28			
66687	08-Sep-10			28			
66688	HOLD			HOLD			

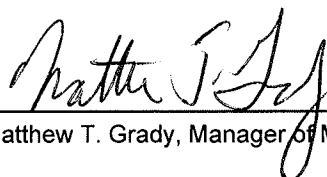
*Concrete compressive strength by ASTM C 39

Types of Breaks



Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min.)
2	178239	118	10	--	--	--	--	45
3	178240	99	10	--	--	--	--	30
4	178241	96	10	--	--	--	--	35
5	178242	108	10	--	--	--	--	40

Remarks: 8 Total Loads

Checked by: 
Matthew T. Grady, Manager of MTS

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Weather Conditions:	Sunny	General Contractor:	Turner
Method of Placement:	Pump	Design Strength:	4,000
Admixtures:	MicroAir, Glenium 7500, Pozzoloth 100XR	Max Agg. Size:	3/4
Placement Location:	Foundation walls, footings and piers - See attached sketch		
Test Cylinder Location:	Footing ZK/25 - north corner		

Date Report Issued: **AUG 19 2010**

4x8 Cylinders	4	Cast by	Rodney R. Collard	Time	
Load No.	6	Slump (in) ASTM C 143	7.5	Batched @	2:12
Ticket No.	178243	Air (°F)	84	Arrived @	--
Truck No.	83	Concrete (°F) ASTM C 1064	76	Total Time	45
Cubic Yds.	10	Air Content (%) ASTM C 231	6		

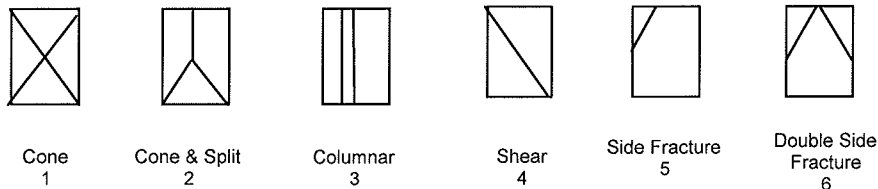
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
Date received 12-Aug-10
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
66689	18-Aug-10	4.016	12.67	7	49,060	3870	2
66690	08-Sep-10			28			
66691	08-Sep-10			28			
66692	HOLD			HOLD			

*Concrete compressive strength by ASTM C 39

Types of Breaks

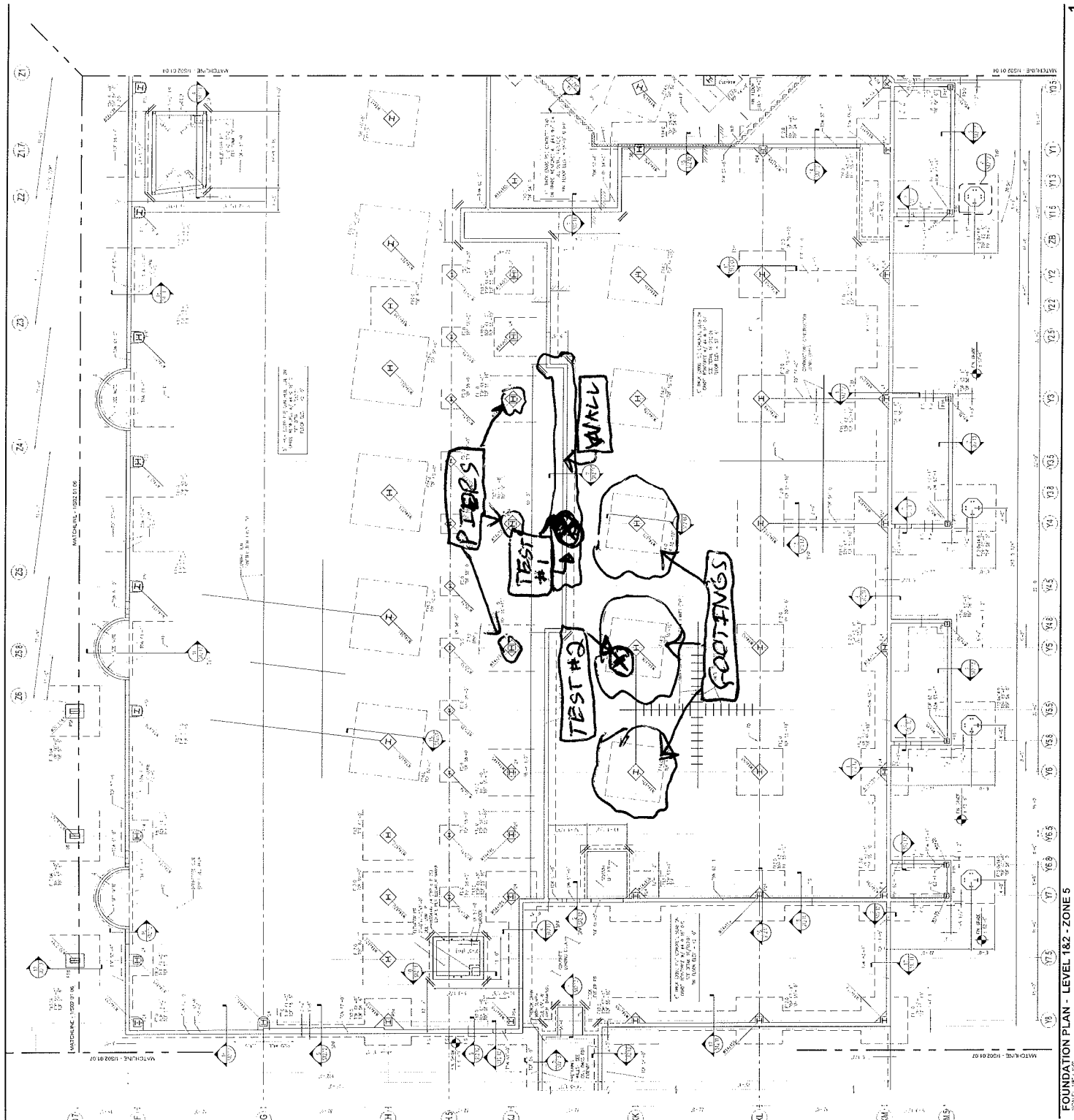


Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min.)
7	178244	101	10	6.00	--	76	84.0	60
8	178245	118	2	--	--	--	--	30

Remarks: 8 Total Loads

Checked by: 
Matthew T. Grady, Manager of MTS

PORTLAND JETPORT 557-14 8/11/10 RODNEY COLLARD



**PORTLAND INTERNATIONAL
JETPORT**
1901 Westbrook Street
Portland, Maine 04102

GENSLER
1000 WESTBROOK STREET
PORTLAND, ME 04102
TEL: 207.761.1000
WWW.GENSLER.COM

DESI ASSOCIATES, INC.
1000 WESTBROOK STREET
PORTLAND, ME 04102
TEL: 207.761.1000
WWW.DESI.COM

SHEET NOTES

1. REFER TO SHEET 182-01-02 FOR GENERAL NOTES.
2. ALL FOUNDATION ELEMENTS SHALL BE CONCRETE UNLESS OTHERWISE NOTED.
3. ALL FOUNDATION ELEMENTS SHALL BE CAST IN PLACE.
4. ALL FOUNDATION ELEMENTS SHALL BE CAST WITH 4" MIN. CLEARANCE FROM ADJACENT WALLS AND OTHER OBSTRUCTIONS.
5. ALL FOUNDATION ELEMENTS SHALL BE CAST WITH 1/2" MIN. CLEARANCE FROM REINFORCING BARS.
6. ALL FOUNDATION ELEMENTS SHALL BE CAST WITH 1/2" MIN. CLEARANCE FROM FORMWORK.
7. ALL FOUNDATION ELEMENTS SHALL BE CAST WITH 1/2" MIN. CLEARANCE FROM OTHER FOUNDATION ELEMENTS.
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KEY PLAN

182-01-01 182-01-02 182-01-03 182-01-04 182-01-05 182-01-06 182-01-07 182-01-08 182-01-09 182-01-10 182-01-11 182-01-12 182-01-13 182-01-14 182-01-15 182-01-16 182-01-17 182-01-18 182-01-19 182-01-20

S02.01.05

PORTLAND JETPORT 557-14 8/11/10 ROONEY COLLARD

SHEET NOTES

1. REFER TO SHEET 557-13 FOR ALL NOTES.
2. ALL FOUNDATION WORK SHALL BE IN ACCORDANCE WITH THE PORTLAND, MAINE, BUILDING CODE.
3. ALL FOUNDATION WORK SHALL BE IN ACCORDANCE WITH THE PORTLAND, MAINE, ZONING ORDINANCE.
4. ALL FOUNDATION WORK SHALL BE IN ACCORDANCE WITH THE PORTLAND, MAINE, HEALTH AND SAFETY CODE.
5. ALL FOUNDATION WORK SHALL BE IN ACCORDANCE WITH THE PORTLAND, MAINE, ENVIRONMENTAL PROTECTION ACT.
6. ALL FOUNDATION WORK SHALL BE IN ACCORDANCE WITH THE PORTLAND, MAINE, HISTORIC PRESERVATION ACT.
7. ALL FOUNDATION WORK SHALL BE IN ACCORDANCE WITH THE PORTLAND, MAINE, ANTI-DISCRIMINATION ACT.
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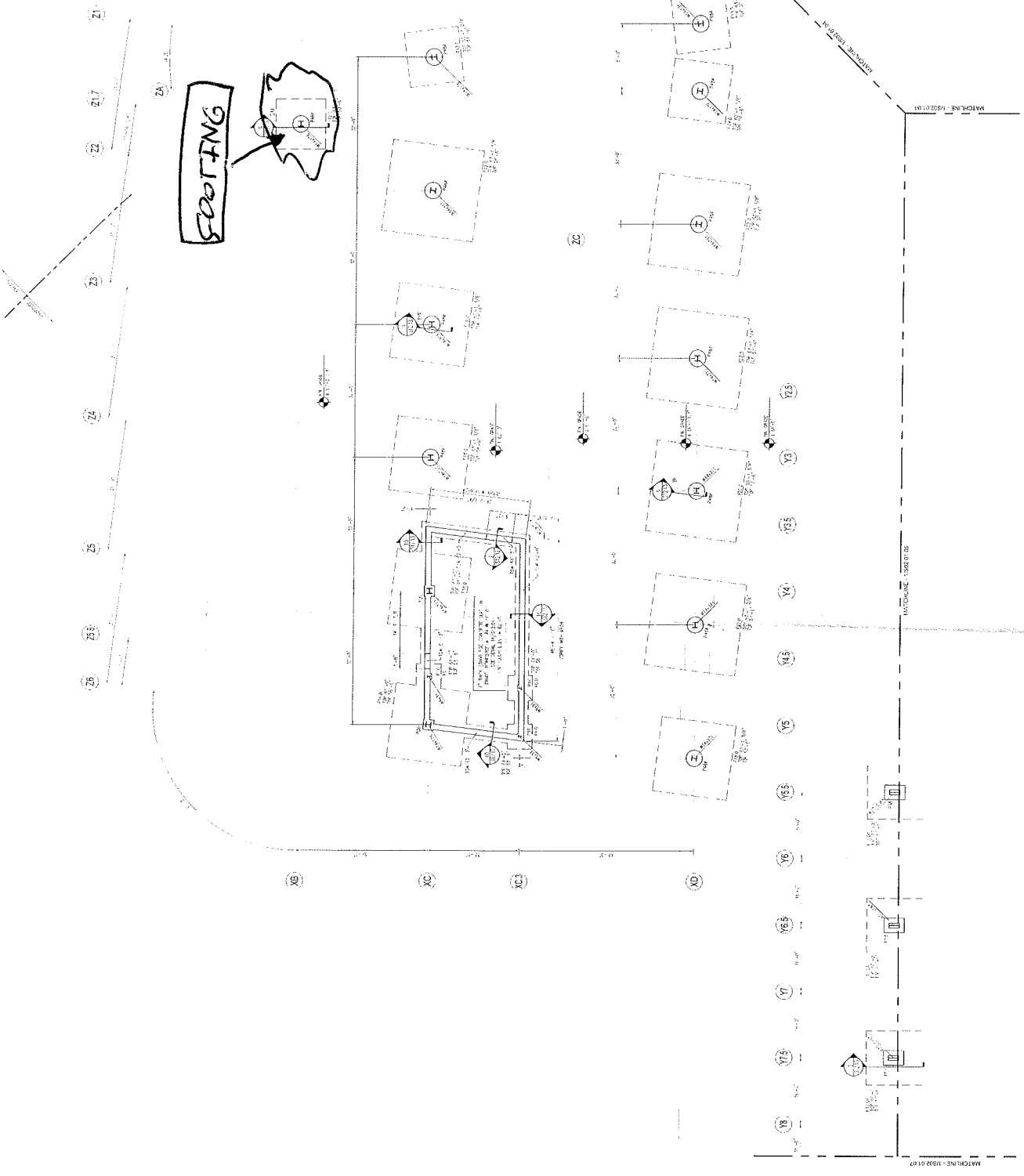
Portland International
Jetport
1001 Westbrook Street
Portland, Maine 04102

Gensler

WEST ASSOCIATES, INC.
GENERAL CONTRACTORS

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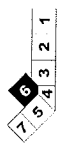
SHOOTING



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KEY PLAN



S02.01.06

FOUNDATION PLAN - LEVEL 1&2 - ZONE 6
SCALE: 1/8" = 1'-0"