

R. W. Gillespie & Associates, Inc.

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LETTER OF TRANSMITTAL

City of Portland, Portland Int. Jetport
1001 Westbrook Street
Portland, Maine 04102

Date:	08 October 2010	Project No.:	557-14
Attention:	Mr. Cuyler Feagles (cmf@portlandmaine.gov)		
Re:	In-Place Density Testing Terminal Enhancement, Portland Int. Jetport Portland, Maine		

We are sending you attached In-Place Density Test Results.

Date(s) Performed:

September 27, 2010

Test (s) Performed

In-Place Density Testing - Nuclear Method ASTM D6938

- Meets Specification
- Selected Tests Do Not Meet Specification - Noted with an *

Note: Materials descriptions and maximum laboratory dry density values were transmitted under separate cover and are referenced in the attached summaries by the material number.

Remarks:

Copy To: Roy Williams: rsw@portlandmaine.gov
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Signed: 

SUMMARY OF IN-PLACE DENSITIES - ASTM D6938
 TERMINAL ENHANCEMENT AT THE PORTLAND INTERNATIONAL AIRPORT
 PORTLAND, MAINE

RWG&A PROJECT NO. 557-14

Client: City of Portland
 Test Date: 9/27/2010
 Technician: MJK
 Gauge Model/Serial Number: L 500

Lab No.	Soil Description	ASTM D1557 Max Density	ASTM D1557 Opt. Moisture
11194	Poorly graded sand	111.0	11.4


Report Issue Date: **OCT 19 2010**

Test No.	Location	Elevation	ASTM D6938 Dry Density (pcf)	ASTM D6938 Water Content (%)	Percent of Max. (%)	Lab. No.
1	Geothermal Trench	FG -3'	105.2	2	95	11194
2	Geothermal Trench	FG -3'	104.0	2	94	11194
3	Geothermal Trench	FG -2'	105.1	3	95	11194
4	Geothermal Trench	FG -2'	106.9	2	96	11194

Remarks: Tests reflecting Percent of Maximum Density less than 95% were taken on lifts 3 feet or greater below finished grade, and not under building structures.

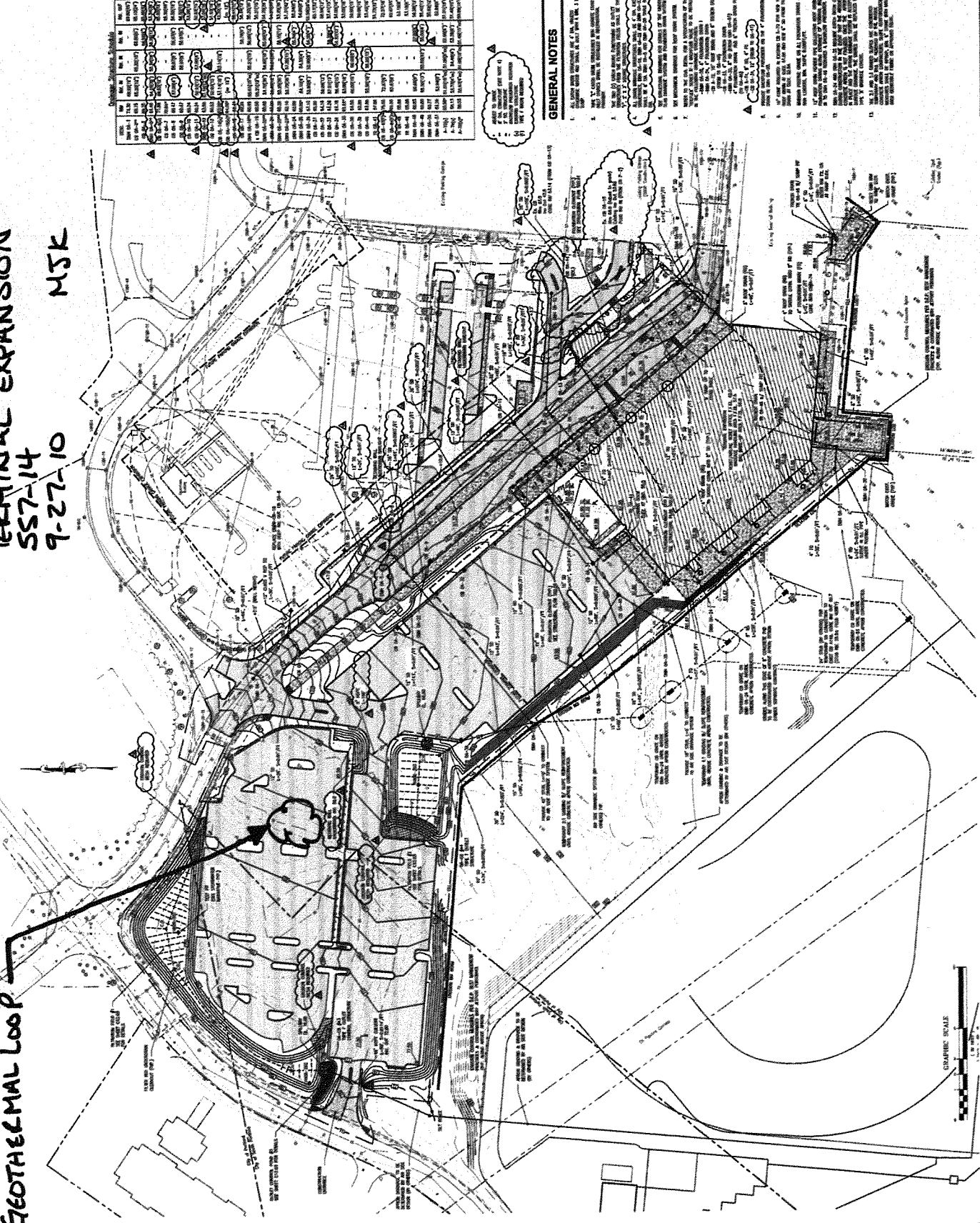
FG = Finish Grade
 FF = Finish Floor
 FGB = Finish Grade of Base
 FGSB = Finish Grade of Subbase
 FGSG = Finish Grade of Subgrade

TOW = Top of Foundation Wall
 BOW = Bottom of Wall
 BOF = Bottom of Footing
 SG = Subgrade

Checked by: 

**PORTLAND INT'L AIRPORT
TERMINAL EXPANSION
SS7-14
9-27-10
MSK**

SHEET NOTES
SEE PREVIOUS SHEETS FOR DETAILS OF THE WORK
SEE PREVIOUS SHEETS FOR THE WORK



NO.	DESCRIPTION	DATE	BY	CHECKED
1	ISSUED FOR PERMITTING	09/27/10	MSK	MSK
2	ISSUED FOR CONSTRUCTION	10/01/10	MSK	MSK
3	ISSUED FOR CONSTRUCTION	10/01/10	MSK	MSK
4	ISSUED FOR CONSTRUCTION	10/01/10	MSK	MSK
5	ISSUED FOR CONSTRUCTION	10/01/10	MSK	MSK
6	ISSUED FOR CONSTRUCTION	10/01/10	MSK	MSK
7	ISSUED FOR CONSTRUCTION	10/01/10	MSK	MSK
8	ISSUED FOR CONSTRUCTION	10/01/10	MSK	MSK
9	ISSUED FOR CONSTRUCTION	10/01/10	MSK	MSK
10	ISSUED FOR CONSTRUCTION	10/01/10	MSK	MSK

GENERAL NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE INTERNATIONAL MECHANICAL AND ELECTRICAL CODE (IMC).
2. ALL MATERIALS SHALL BE OF THE HIGHEST QUALITY AND SHALL BE SUBJECT TO INSPECTION AND TESTING BY THE ARCHITECT'S REPRESENTATIVE.
3. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
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10. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.

**Portland International
Jetport**
1001 Westbrook Street
Portland, Maine 04102

Gensler
msk ASSOCIATES, INC.
ARCHITECTS - INTERIORS - PLANNING - CONSTRUCTION MANAGEMENT

BY STATE OF MAINE
REGISTERED PROFESSIONAL ENGINEER
No. 10000
Name: **MSK ASSOCIATES, INC.**
Address: **1001 WESTBROOK STREET, PORTLAND, MAINE 04102**
Date: **10/01/10**
Scale: **1" = 10'**
C02.02