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LETTER OF TRANSMITTAL

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

Date:	09 Nov 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:

April 14 and 15, 2011

Test (s) Performed

In-Place Density Testing - Nuclear Method ASTM D2922

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:

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Signed:

SUMMARY OF IN-PLACE DENSITIES - ASTM D6938
 TERMINAL ENHANCEMENT AT THE PORTLAND INTERNATIONAL JETPORT
 PORTLAND, MAINE
 RWG&A PROJECT NO. 557-14

Lab No.	Soil Description	ASTM D1557 Max Density	ASTM D1557 Opt. Moisture
11175	Type D Gravel	129.8	8.4

Client: City of Portland
 Test Date: 4/14/2011
 Technician: MJK
 Gauge Model/Serial Number: L 500


Report Issue Date:

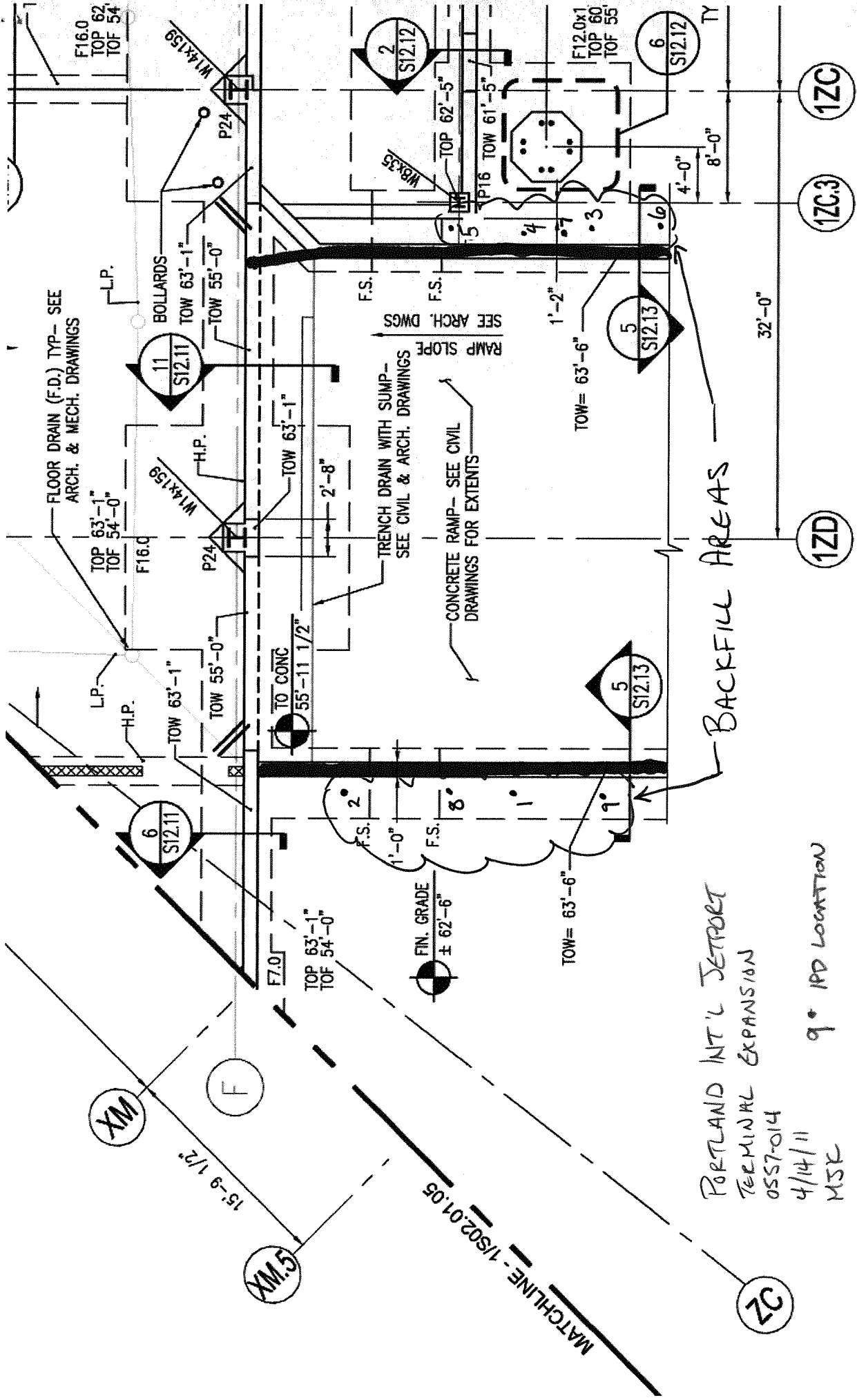
Test No.	Location	Elevation	ASTM D6938 Dry Density (pcf)	ASTM D6938 Water Content (%)	Percent of Max. (%)	Lab. No.
1	Fnd wall backfill - Jet Blue Loading Ramp	TOP - 2.5'	123.7	6	95	11175
2	Fnd wall backfill - Jet Blue Loading Ramp	TOW - 6'	123.3	5	95	11175
3	Fnd wall backfill - Jet Blue Loading Ramp	TOW - 2'	122.6	6	95	11175
4	Fnd wall backfill - Jet Blue Loading Ramp	TOW - 2'	123.8	6	95	11175
5	Fnd wall backfill - Jet Blue Loading Ramp	TOW - 6'	125.8	6	97	11175
6	Fnd wall backfill - Jet Blue Loading Ramp	FG	124.4	6	96	11175
7	Fnd wall backfill - Jet Blue Loading Ramp	FG	127.8	6	99	11175
8	Fnd wall backfill - Jet Blue Loading Ramp	TOW - 4'	123.1	7	95	11175
9	Fnd wall backfill - Jet Blue Loading Ramp	FG	125.5	6	97	11175

Remarks:

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
 0557-014
 4/14/11
 MSE

9° IRD LOCATION

FOUNDATION PLAN - LEVEL 1&2 - ZONE 4

32

17D

17C3

17C

MATCHLINE - 1/502.01.05

15-9 1/2

XM

F

XM.5

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Test No.	Location	Elevation	ASTM D6938 Dry Density (pcf)	ASTM D6938 Water Content (%)	Percent of Max. (%)	Lab. No.
1	Fnd wall backfill - Jet Blue Loading Ramp	FG	126.5	5	98	11175
2	Fnd wall backfill - Jet Blue Loading Ramp	TOW - 7'	124.0	5	96	11175
3	Fnd wall backfill - Jet Blue Loading Ramp	TOW - 6'	122.7	6	95	11175
4	Ramp fill - Jet Blue Loading Ramp	FG	124.4	4	96	11175
5	Ramp fill - Jet Blue Loading Ramp	FG	126.0	4	97	11175
6	Ramp fill - Jet Blue Loading Ramp	FG	NOT TESTED	LIFT TOO THIN		11175
7	Fnd wall backfill - Jet Blue Loading Ramp	TOW - 5'	128.3	5	99	11175
8	Fnd wall backfill - Jet Blue Loading Ramp	TOW - 4'	126.9	5	98	11175
9	Fnd wall backfill - Jet Blue Loading Ramp	FG	125.1	5	96	11175

Remarks:

- FG = Finish Grade
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- FGB = Finish Grade of Base
- FGSB = Finish Grade of Subbase
- FGSG = Finish Grade of Subgrade

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- BOW = Bottom of Wall
- BOF = Bottom of Footing
- SG = Subgrade

Checked by: 