

R. W. Gillespie & Associates, Inc.

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200 Int'l 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:	10 June 2011	Project No.:	0557-014
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:

May 23-27, 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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 Jim Stanislaski: jim_stanislaski@gensler.com
 Cliff Takara: clifford_takara@gensler.com
 Lacey Fogg: Lacey.Fogg@amec.com
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 Geoff Mitchell: gemitchell@tcco.com

Signed:

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

Client: City of Portland
 Test Date: 5/25/2011
 Technician: MAO
 Gauge Model/Serial Number: L 500

Lab No.	Soil Description	ASTM D1557 Max Density	ASTM D1557 Opt. Moisture
11784	Type D Gravel	133.6	6.4

Report Issue Date:

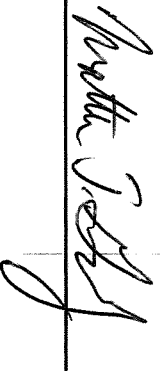
Test No.	Location	Elevation	ASTM D6938 Dry Density (pcf)	ASTM D6938 Water Content (%)	Percent of Max. (%)	Lab. No.
1	Sidewalk - West side of entry road	FGSB	126.2	7	95	11784
2	Sidewalk - West side of entry road	FGSB	127.8	4	96	11784
3	Sidewalk - West side of entry road	FGSB	130.2	6	98	11784

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:



SHEET NOTES

Legend - Coordinate Schedule

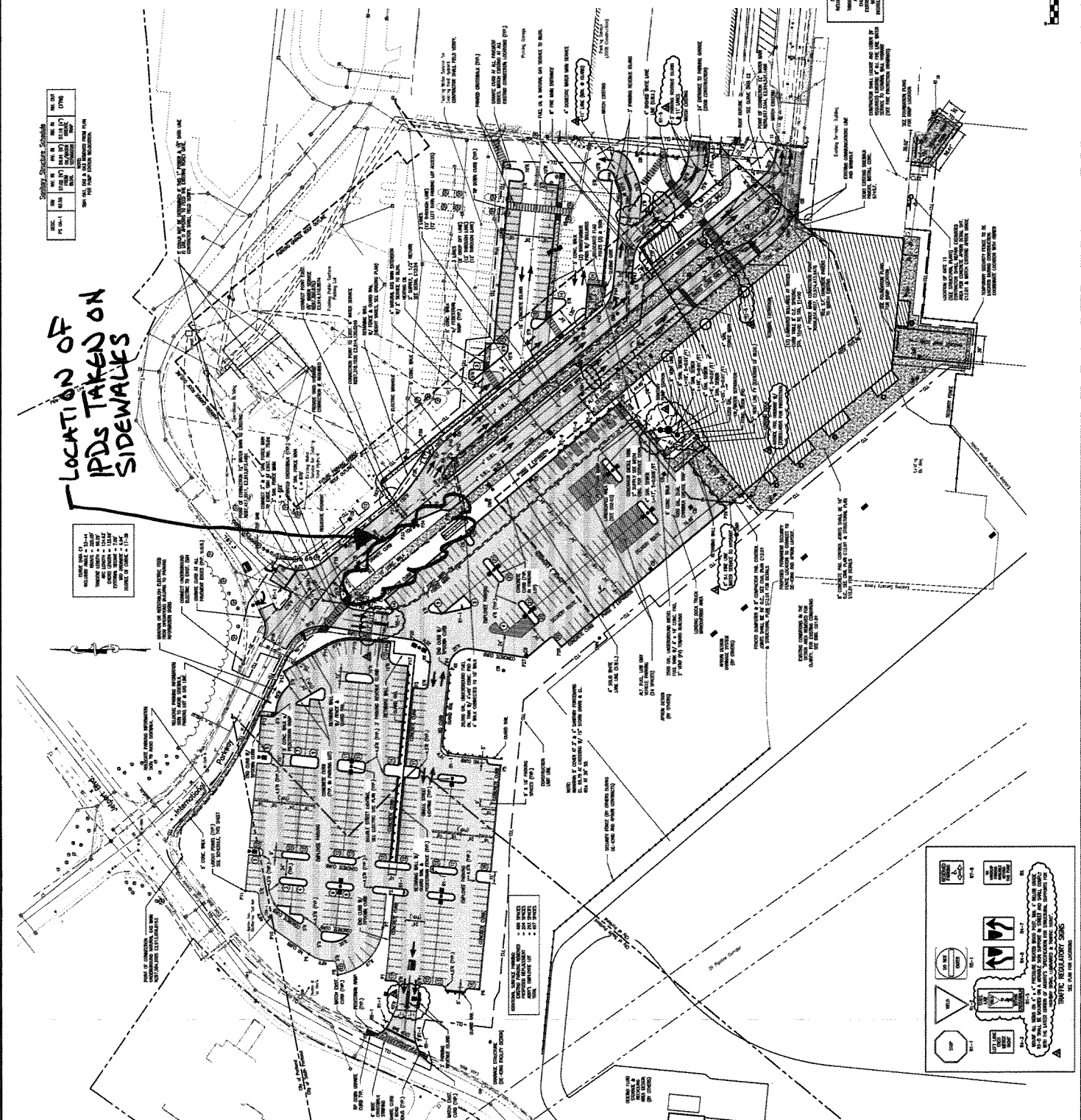
NO.	DESCRIPTION
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Stationing - Displacement Schedule

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LOCATION OF IPDS TAKEN ON SIDEWALKS

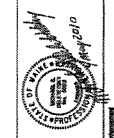
S/25/2011
PORTLAND INT'L AIRPORT
TERMINAL EXPANSION
 OSST-014
 MSK



Gensler
OBST ASSOCIATES, INC.
 1000 South Main Street
 Portland, ME 04102
 Telephone: 207.733.2200
 Fax: 207.733.2201

GENERAL NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE SPECIFICATIONS FOR STRUCTURAL STEEL AND CONCRETE.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPLICABLE AGENCIES.
3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND STRUCTURES AT ALL TIMES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES.
5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND STRUCTURES AT ALL TIMES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPLICABLE AGENCIES.
7. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND STRUCTURES AT ALL TIMES.



C02.01

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

Client: City of Portland
 Test Date: 5/26/2011
 Technician: MJK
 Gauge Model/Serial Number: L 500

Lab No.	Soil Description	ASTM D1557 Max Density	ASTM D1557 Opt. Moisture
11784	Type D Gravel	133.6	6.4

Report Issue Date:

Test No.	Location	Elevation	ASTM D6938 Dry Density (pcf)	ASTM D6938 Water Content (%)	Percent of Max. (%)	Lab. No.
1	Loading Dock SW FND wall, outside - Y8+30'	TOF	127.9	3	96	11784
2	Loading Dock SW FND wall, outside - Y8+20'	TOF +1'	126.8	3	95	11784
3	Loading Dock SW FND wall, outside - Y8+10'	TOF +2.5'	126.9	4	95	11784
4	Loading Dock SW FND wall, outside - Y8+20'	SG -1'	127.6	3	96	11784

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 International
Jetport
1001 Westbrook Street
Portland, Maine 04112

Gensler
WEST ASSOCIATES, INC.
ENGINEERS ARCHITECTS INTERIORS

SHEET NOTES

1. REFER TO SHEET FOR THE WORK ON WEST SIDE.
2. REFER TO SHEET FOR THE WORK ON EAST SIDE.
3. REFER TO SHEET FOR THE WORK ON SOUTH SIDE.
4. REFER TO SHEET FOR THE WORK ON NORTH SIDE.
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PORTLAND INT'L JETPORT
TERMINAL EXPANSION
OSS7-014
5/26/2011
MSK

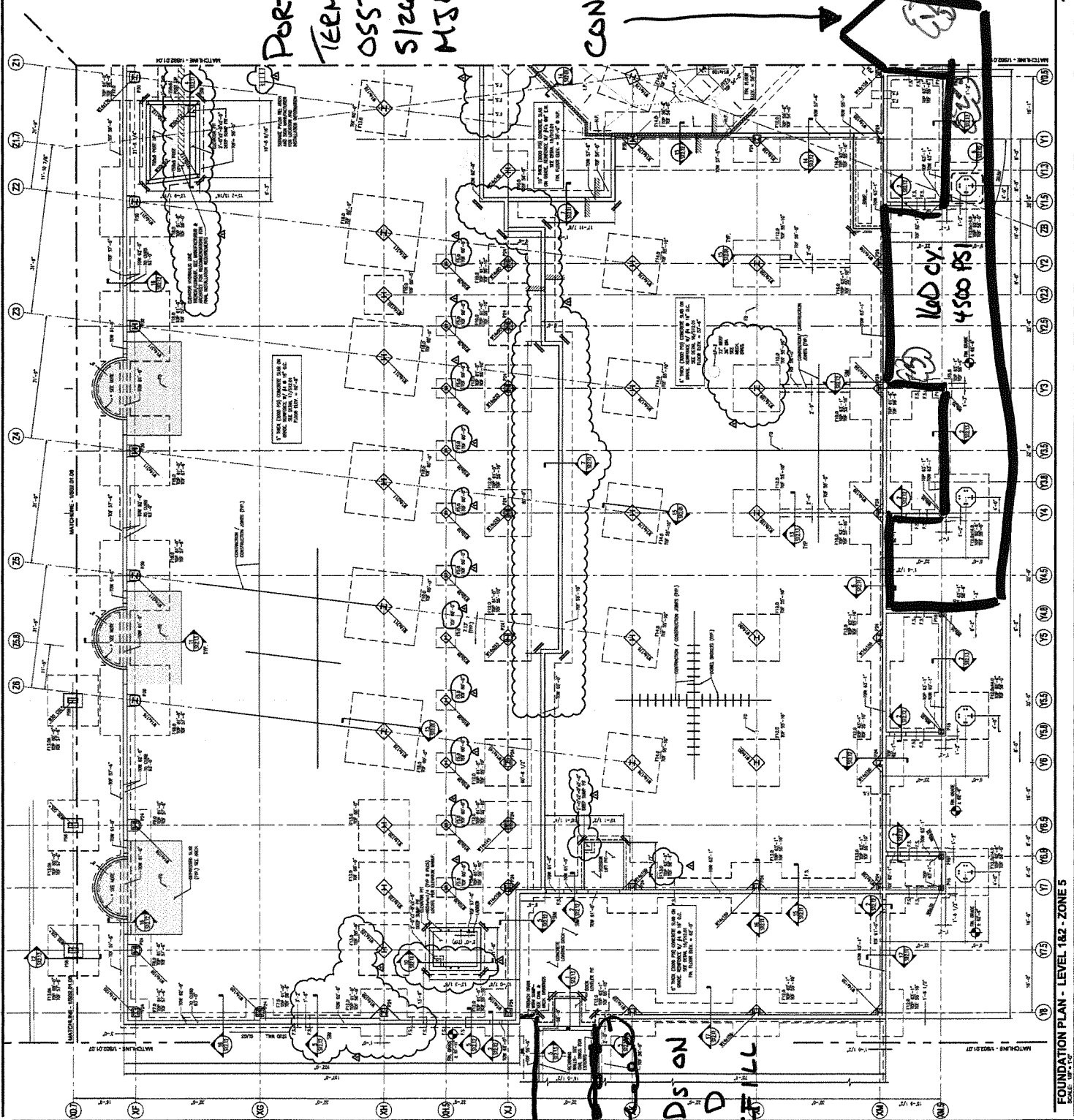
CONC. PLACEMENT

GENERAL NOTES

1. REFER TO SHEET FOR THE WORK ON WEST SIDE.
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20. REFER TO SHEET FOR THE WORK ON NORTH SIDE.

KEY PLAN

1 2 3 4



FOUNDATION PLAN - LEVEL 1B2 - ZONE 5
SCALE: 1/4" = 1'-0"

S02.01.05

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

Client: City of Portland
 Test Date: May 27, 2011
 Technician: Matt O'Connor
 Gauge Model/Serial Number: L500

Lab No.	Soil Description	ASTM D1557 Max Density	ASTM D1557 Opt. Moisture
11175	Type D Gravel	129.6	8

Report Issue Date:

Test No.	Location	Elevation	ASTM D6938 Dry Density (pcf)	ASTM D6938 Water Content (%)	Percent of Max. (%)	Lab. No.
1	Upper employee parking lot northwest corner	FGSG	128.7	4	99	11175
2	South of southwest loading dock wall	TOW -2.5'	131.4	4	100+	11175
3	Upper employee parking lot northeast corner	FGSG	127.6	3	99	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
 BOF = Bottom of Footing

Checked by:



