

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:	August 3, 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:

July 12 through July 17, 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:

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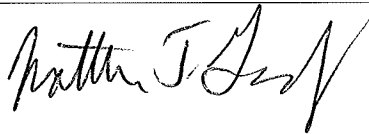
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Copy To: Roy Williams: rsw@portlandmaine.gov  
Jim Stanislaski: jim\_stanislaski@gensler.com  
Cliff Takara: clifford\_takara@gensler.com  
Lacey Fogg: Lacey.Fogg@amec.com  
Mike Fusco: mfusco@tcco.com  
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Elizabeth O'Toole: eotoole@tcco.com  
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rdixon@tcco.com  
Geoff Mitchell: gemitchell@tcco.com

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: 7/12/2010  
 Technician: MJK  
 Gauge Model/Serial Number: L 500  
 Report Issue Date: **AUG 02 2010**

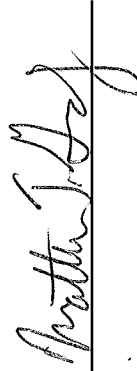
Lab No.	Soil Description	ASTM D1557 Max Density	ASTM D1557 Opt. Moisture
11194	Poorly graded sand	111.0	11.4
11151	1 1/2" Crushed Gravel	133.0	7.3
11175	3" Type D Gravel	129.8	8.4

Test No.	Location	Elevation	ASTM D6938 Dry Density (pcf)	ASTM D6938 Water Content (%)	Percent of Max. (%)	Lab. No.
1	15' North of road way STA 7+50	SG	107.8	3	97	11194
2	Area C - 10' South of C.4/1ZB	TOW -9'	108.6	3	98	11194
3	Area C - 10' South of C.4/1Z	TOW -9'	106.5	7	96	11194
4	Drain line 20' South of CB OA-2 (STA 4+75)	SG	105.6	2	95	11194
5	Retaining wall STA 4+00	62	126.6	3	95	11151
6	Retaining wall STA 4+25	63	127.2	3	96	11151
7	Test Area - Road STA 6+50 centerline of right lane	FG -3"	122.8	4	95	11175
8	Test Area - Road STA 6+75 centerline of right lane	FG -3"	126.8	6	98	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  
 TOF = Top of Footing

Checked by: 

IPD

SHEET NOTES

Level	Coordinate	Schedule
1	1000	1000
2	1000	1000
3	1000	1000
4	1000	1000
5	1000	1000
6	1000	1000
7	1000	1000
8	1000	1000
9	1000	1000
10	1000	1000
11	1000	1000
12	1000	1000
13	1000	1000
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41	1000	1000
42	1000	1000
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48	1000	1000
49	1000	1000
50	1000	1000

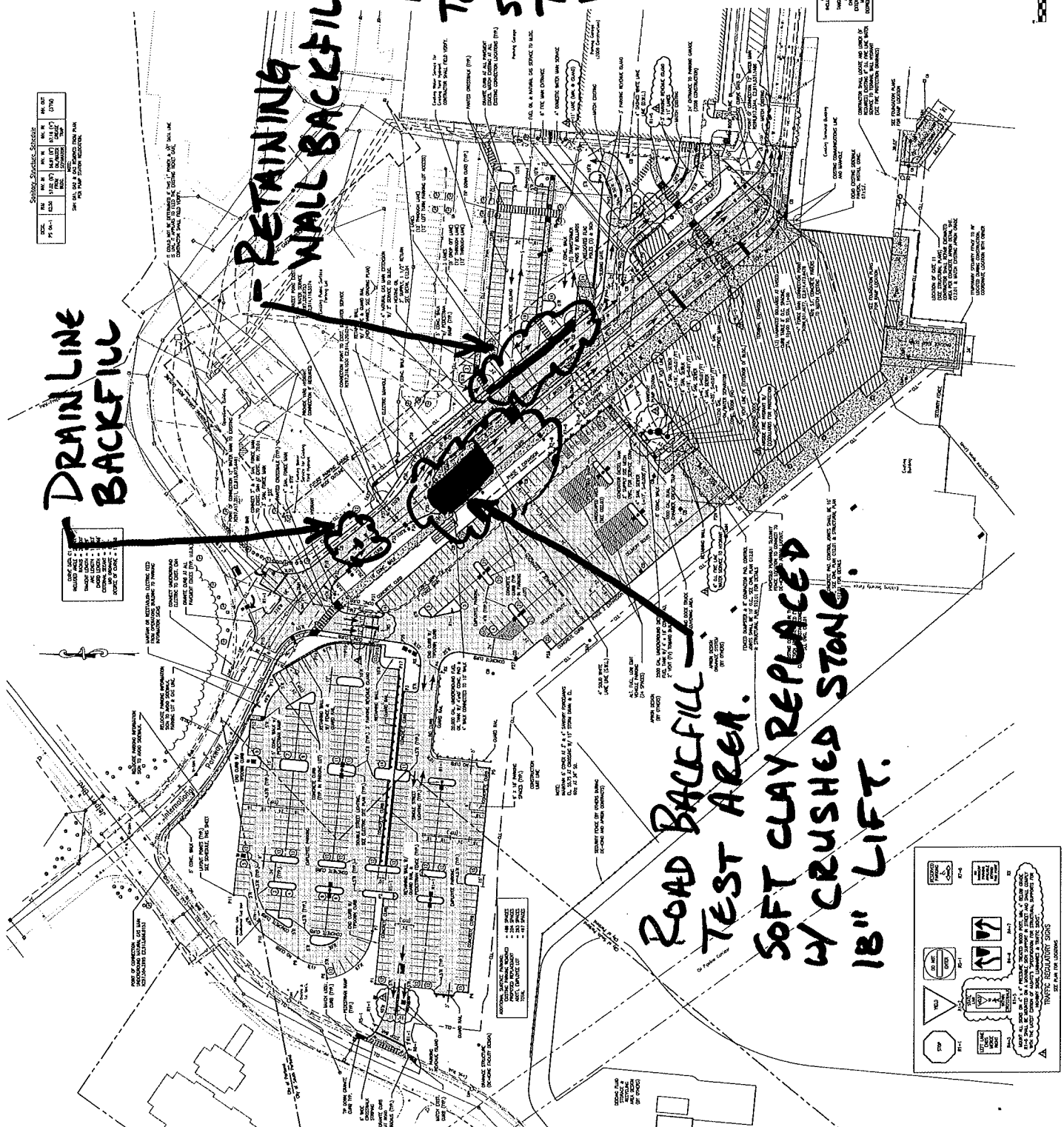
Level	Coordinate	Schedule
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2	1000	1000
3	1000	1000
4	1000	1000
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41	1000	1000
42	1000	1000
43	1000	1000
44	1000	1000
45	1000	1000
46	1000	1000
47	1000	1000
48	1000	1000
49	1000	1000
50	1000	1000

DRAIN LINE BACKFILL

RETAINING WALL BACKFILL

PORTLAND INT'L JETWAY  
TERMINAL EXPANSION

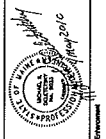
557-14  
7-12-10  
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ROAD BACKFILL TEST AREA.  
SOFT CLAY REPLACED W/ CRUSHED STONE 18" LIFT.

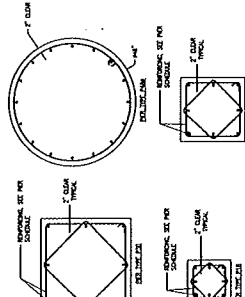
GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SEVENTH EDITION, 2003, WITH THE LATEST SUPPLEMENTS AND ADDENDUMS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND STRUCTURES AT ALL TIMES.
4. ALL MATERIALS SHALL BE TESTED AND APPROVED BY THE ENGINEER BEFORE USE.
5. THE CONTRACTOR SHALL MAINTAIN ADEQUATE DRAINAGE SYSTEMS THROUGHOUT THE PROJECT.
6. ALL CONSTRUCTION SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.



PROJECT: PORTLAND INTERNATIONAL JETWAY TERMINAL EXPANSION  
 SHEET: C02.01  
 DATE: 7-12-10  
 DRAWN BY: [Name]  
 CHECKED BY: [Name]

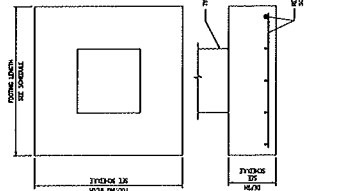
IPD



PIER SCHEDULE & DETAILS  
SCALE: 3/8" = 1'-0"

FOOTING TYPE	FOOTING DIMENSIONS (L x W)	SPACING
F1	3'-0" x 3'-0"	8' x 12' CL
F2	3'-0" x 3'-0"	8' x 12' CL
F3	3'-0" x 3'-0"	8' x 12' CL
F4	3'-0" x 3'-0"	8' x 12' CL
F5	3'-0" x 3'-0"	8' x 12' CL
F6	3'-0" x 3'-0"	8' x 12' CL
F7	3'-0" x 3'-0"	8' x 12' CL
F8	3'-0" x 3'-0"	8' x 12' CL
F9	3'-0" x 3'-0"	8' x 12' CL
F10	3'-0" x 3'-0"	8' x 12' CL
F11	3'-0" x 3'-0"	8' x 12' CL
F12	3'-0" x 3'-0"	8' x 12' CL
F13	3'-0" x 3'-0"	8' x 12' CL
F14	3'-0" x 3'-0"	8' x 12' CL
F15	3'-0" x 3'-0"	8' x 12' CL
F16	3'-0" x 3'-0"	8' x 12' CL
F17	3'-0" x 3'-0"	8' x 12' CL
F18	3'-0" x 3'-0"	8' x 12' CL
F19	3'-0" x 3'-0"	8' x 12' CL
F20	3'-0" x 3'-0"	8' x 12' CL

FOOTING SCHEDULE & DETAILS  
SCALE: 3/8" = 1'-0"



2

PIER TYPE	PIER DIMENSIONS (L x W)	VERTICAL REINFORCING	YES
P1	3'-0" x 3'-0"	10 #4 @ 12" O.C.	YES
P2	3'-0" x 3'-0"	10 #4 @ 12" O.C.	YES
P3	3'-0" x 3'-0"	10 #4 @ 12" O.C.	YES
P4	3'-0" x 3'-0"	10 #4 @ 12" O.C.	YES
P5	3'-0" x 3'-0"	10 #4 @ 12" O.C.	YES
P6	3'-0" x 3'-0"	10 #4 @ 12" O.C.	YES
P7	3'-0" x 3'-0"	10 #4 @ 12" O.C.	YES
P8	3'-0" x 3'-0"	10 #4 @ 12" O.C.	YES
P9	3'-0" x 3'-0"	10 #4 @ 12" O.C.	YES
P10	3'-0" x 3'-0"	10 #4 @ 12" O.C.	YES
P11	3'-0" x 3'-0"	10 #4 @ 12" O.C.	YES
P12	3'-0" x 3'-0"	10 #4 @ 12" O.C.	YES
P13	3'-0" x 3'-0"	10 #4 @ 12" O.C.	YES
P14	3'-0" x 3'-0"	10 #4 @ 12" O.C.	YES
P15	3'-0" x 3'-0"	10 #4 @ 12" O.C.	YES
P16	3'-0" x 3'-0"	10 #4 @ 12" O.C.	YES
P17	3'-0" x 3'-0"	10 #4 @ 12" O.C.	YES
P18	3'-0" x 3'-0"	10 #4 @ 12" O.C.	YES
P19	3'-0" x 3'-0"	10 #4 @ 12" O.C.	YES
P20	3'-0" x 3'-0"	10 #4 @ 12" O.C.	YES

1

**SHEET NOTES**

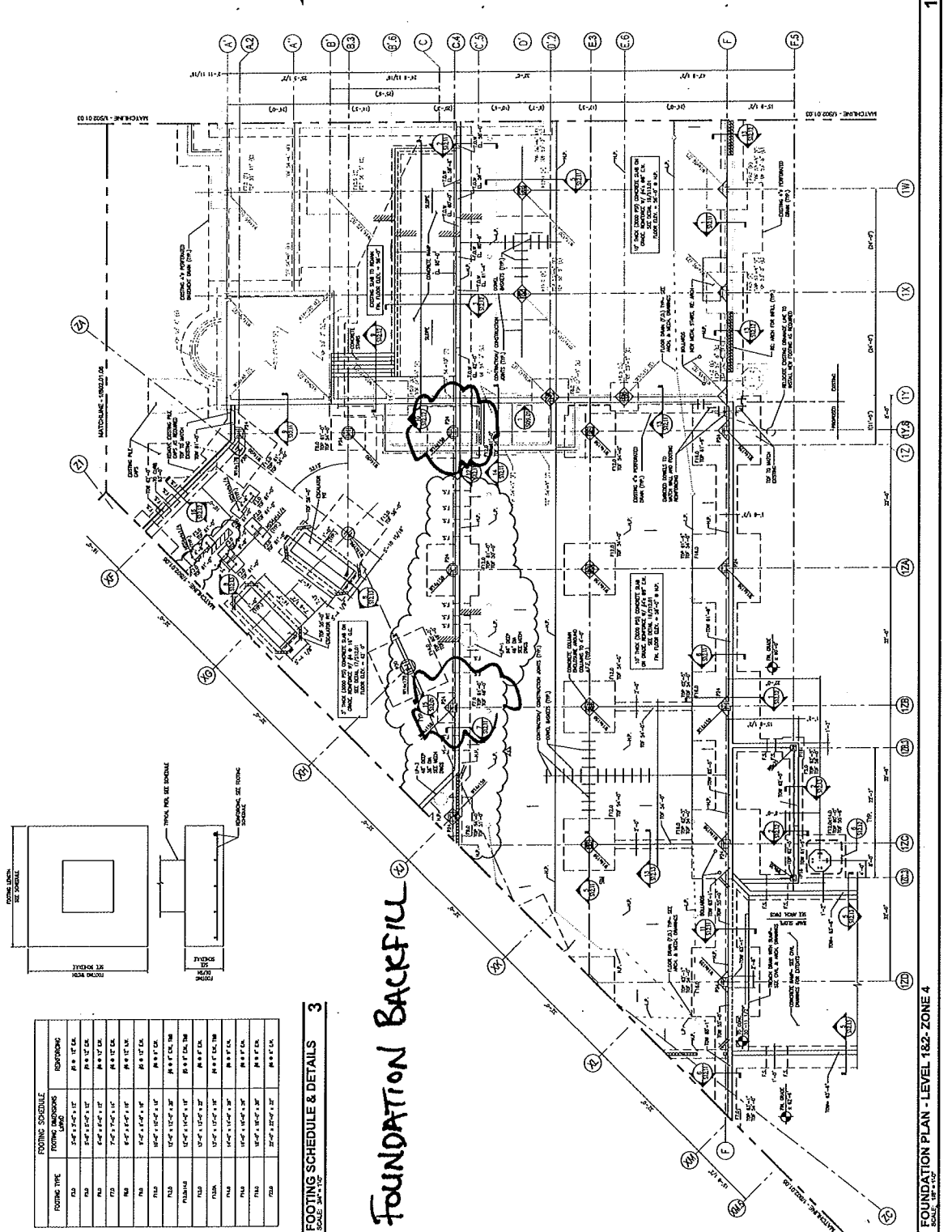
1. VERIFY ALL DIMENSIONS AND LOCATIONS OF PIER SCHEDULES WITH FIELD SURVEY DATA AND EXISTING RECORD DRAWINGS. VERIFY ALL DIMENSIONS AND LOCATIONS OF PIER SCHEDULES WITH FIELD SURVEY DATA AND EXISTING RECORD DRAWINGS.
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Portland International Jetport  
1001 Westbrook Street  
Portland, Maine 04102

**Genstler**

1001 Westbrook Street  
Portland, Maine 04102

**DESI ASSOCIATES, INC.**  
1001 Westbrook Street  
Portland, Maine 04102



FOUNDATION PLAN - LEVEL 1&2 - ZONE 4  
SCALE: 1/8" = 1'-0"



KEY PLAN

**GENERAL NOTES**

1. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
2. VERIFY ALL DIMENSIONS AND LOCATIONS OF PIER SCHEDULES WITH FIELD SURVEY DATA AND EXISTING RECORD DRAWINGS.
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19. VERIFY ALL DIMENSIONS AND LOCATIONS OF PIER SCHEDULES WITH FIELD SURVEY DATA AND EXISTING RECORD DRAWINGS.
20. VERIFY ALL DIMENSIONS AND LOCATIONS OF PIER SCHEDULES WITH FIELD SURVEY DATA AND EXISTING RECORD DRAWINGS.

7/12/10

S02.01.04

FOUNDATION PLAN - LEVEL 1&2 - ZONE 4

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
11194	Poorly graded sand	111.0	11.4
11175	3" Type D Gravel	129.8	8.4

Client: City of Portland  
 Test Date: 7/13/2010  
 Technician: MJK  
 Gauge Model/Serial Number: L 500  
 Report Issue Date: **AUG 02 2010**

Test No.	Location	Elevation	ASTM D6938 Dry Density (pcf)	ASTM D6938 Water Content (%)	Percent of Max. (%)	Lab. No.
1	Drain line 5' NE of CB OA-3	SG	105.6	3	95	11194
2	North side of F/1ZA	TOF	123.3	2	95	11175
3	West side of E.3/1ZA	TOF	124.4	4	96	11175
4	East side of E.3/1ZB	TOF	122.9	3	95	11175
5	North side of F/1ZB	TOF	125.2	4	97	11175
6	North side of E.3/1ZC	TOF	123.1	3	95	11175
7	South side of XJ/1ZC	TOF	124.1	3	96	11175
8	15' East of XK/ZC	TOF	123.6	3	95	11175
9	E.3/ZC	TOF	124.9	5	96	11175
10	North side of F/1ZC.3	TOF	122.7	3	95	11175
11	F/ZC	TOF	124.5	4	96	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
- TOF = Top of Footing

Checked by: 



**SHEET NOTES**

1. GENERAL NOTES SHALL APPLY TO ALL SHEETS UNLESS OTHERWISE INDICATED.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES.
3. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE ENGINEER.
4. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND SERVICES AT ALL TIMES.
5. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES AND UTILITIES TO REMAIN.
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7/13/10

**GENERAL NOTES**

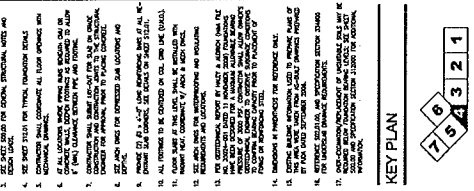
1. ALL DIMENSIONS SHALL BE UNLESS OTHERWISE INDICATED.
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KEY PLAN

FOUNDATION PLAN - LEVEL 1&2 - ZONE 4

SCALE: 1/8" = 1'-0"

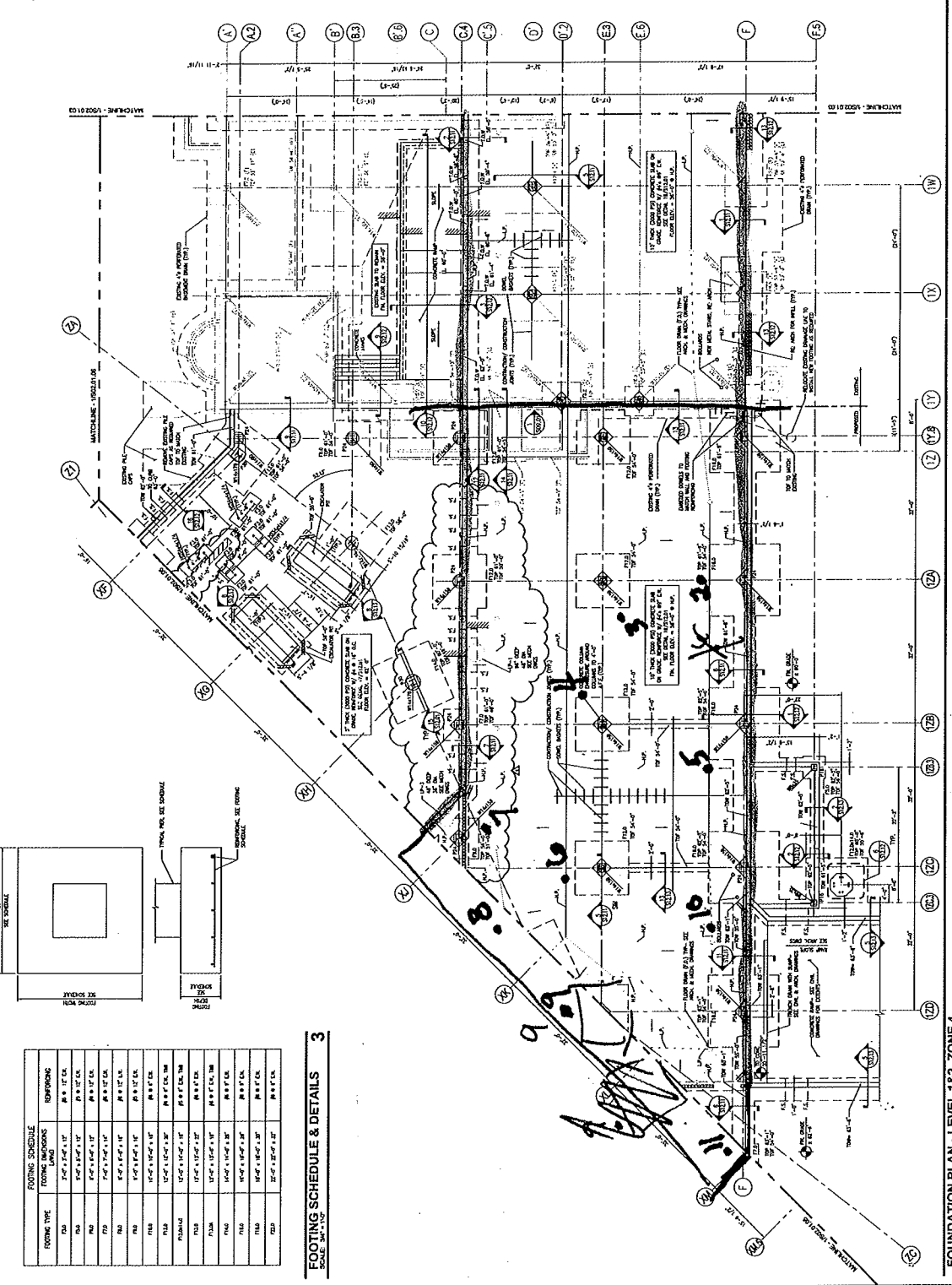
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**PIER SCHEDULE & DETAILS**  
 SCALE: 3/8" = 1'-0"

PIER TYPE	PIER DIMENSIONS	VERTICAL REINFORCING	TIES
P1	18" X 18"	#3 @ 16" O.C. MAX	#3 TIE @ 18" O.C.
P2	18" X 18"	#3 @ 16" O.C. MAX	#3 TIE @ 18" O.C.
P3	18" X 18"	#3 @ 16" O.C. MAX	#3 TIE @ 18" O.C.
P4	18" X 18"	#3 @ 16" O.C. MAX	#3 TIE @ 18" O.C.
P5	18" X 18"	#3 @ 16" O.C. MAX	#3 TIE @ 18" O.C.
P6	18" X 18"	#3 @ 16" O.C. MAX	#3 TIE @ 18" O.C.
P7	18" X 18"	#3 @ 16" O.C. MAX	#3 TIE @ 18" O.C.
P8	18" X 18"	#3 @ 16" O.C. MAX	#3 TIE @ 18" O.C.
P9	18" X 18"	#3 @ 16" O.C. MAX	#3 TIE @ 18" O.C.
P10	18" X 18"	#3 @ 16" O.C. MAX	#3 TIE @ 18" O.C.

Notes:  
 1. ALL PIER DIMENSIONS SHALL BE UNLESS OTHERWISE INDICATED.  
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**FOOTING SCHEDULE & DETAILS**  
 SCALE: 3/8" = 1'-0"

FOOTING TYPE	FOOTING DIMENSIONS (W X D)	REINFORCING
F1	12" X 18"	#4 @ 12" O.C.
F2	12" X 18"	#4 @ 12" O.C.
F3	12" X 18"	#4 @ 12" O.C.
F4	12" X 18"	#4 @ 12" O.C.
F5	12" X 18"	#4 @ 12" O.C.
F6	12" X 18"	#4 @ 12" O.C.
F7	12" X 18"	#4 @ 12" O.C.
F8	12" X 18"	#4 @ 12" O.C.
F9	12" X 18"	#4 @ 12" O.C.
F10	12" X 18"	#4 @ 12" O.C.
F11	12" X 18"	#4 @ 12" O.C.
F12	12" X 18"	#4 @ 12" O.C.
F13	12" X 18"	#4 @ 12" O.C.
F14	12" X 18"	#4 @ 12" O.C.
F15	12" X 18"	#4 @ 12" O.C.
F16	12" X 18"	#4 @ 12" O.C.
F17	12" X 18"	#4 @ 12" O.C.

Notes:  
 1. ALL FOOTING DIMENSIONS SHALL BE UNLESS OTHERWISE INDICATED.  
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 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
11194	Poorly graded sand	111.0	11.4
11175	3" Type D gravel	129.8	8.4

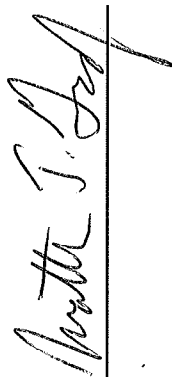
Client: City of Portland  
 Test Date: 7/14/2010  
 Technician: MJK  
 Gauge Model/Serial Number: L 500  
 Report Issue Date: **AUG 02 2010**

Test No.	Location	Elevation	ASTM D6938 Dry Density (pcf)	ASTM D6938 Water Content (%)	Percent of Max. (%)	Lab. No.
1	CL of outbound road - STA 11+00	FG -3"	128.1	5	99	11175
2	CL of inbound road - STA 11+00	FG -3"	122.8	6	95	11175
3	Left side of inbound road - STA 10+00	FG -3"	122.7	5	95	11175
4	Right side of outbound road - STA 10+00	FG -3"	122.7	4	95	11175
5	Area C - XG/Z1	TOW -5'	127.5	4	98	11175
6	Area C - Between escalator pits	TOW -5'	123.0	4	95	11175
7	Area C - 5' South of XG/ZA	TOW -5'	125.7	5	97	11175
8	Area C - XG/Z1	Tow -4'	123.8	4	95	11175
9	North side DMH OA-1	SG -1'	102.8	8	93	11194
10	Area C - Between escalator pits	Tow -4'	123.5	5	95	11175

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  
 TOF = Top of Footing

Checked by: 



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

PORTLAND, MAINE  
 RWG&A PROJECT NO. 557-14

Lab No.	Soil Description	ASTM D1557 Max Density	ASTM D1557 Opt. Moisture
11194	Poorly graded sand	111.0	11.4
11175	3" Type D gravel	129.8	8.4


Client: City of Portland  
 Test Date: 7/14/2010  
 Technician: MJK  
 Gauge Model/Serial Number: L 500  
 Report Issue Date: **AUG 02 2010**

Test No.	Location	Elevation	ASTM D6938 Dry Density (pcf)	ASTM D6938 Water Content (%)	Percent of Max. (%)	Lab. No.
11	North side of DMH OA-1	SG	105.3	5	95	11194
12	Left side of inbound road - STA 9+00	FG	124.6	4	96	11175
13	CL of outbound road - STA 9+00	FG	123.6	4	95	11175
14	CL of inbound road - STA 8+00	FG	126.2	5	97	11175
15	Left side of outbound road - STA 8+00	FG	123.5	4	95	11175
16	Area C - 5' South of XGZA	TOW -4'	125.3	4	97	11175
17	Area C - 5' South of XGZA	TOW -3'	125.8	4	97	11175
18	F.5/West of IZC	55.5	126.2	6	97	11175
19	F.5/West of IZC	54.5	122.7	4	95	11175
20	Area C - Between escalator pits	TOW -3'	125.5	4	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  
 TOF = Top of Footing

Checked by: 

IPD

**PORTLAND INT'L SETFORT  
TERMINAL EXPANSION**  
557-14  
7-14-2010  
MJK

**SHEET NOTES**

1. SEE GENERAL NOTES FOR SCALE OF THE SHOP

Portland International  
Jetport  
1001 Westbank Street  
Portland, Maine 04102

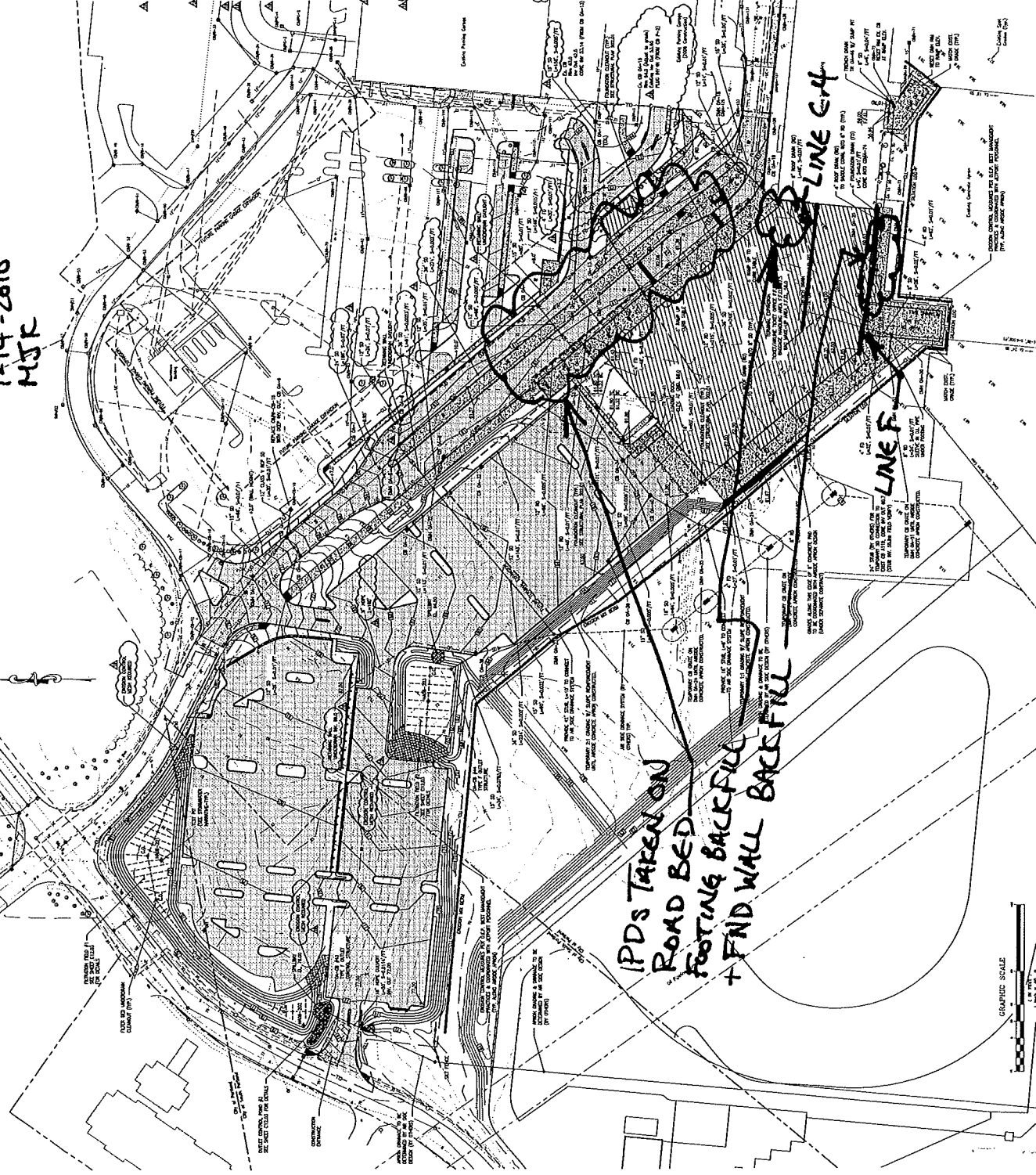
**Gensler**  
**OEST ASSOCIATES, INC.**  
ENGINEERS • ARCHITECTS • INTERIOR DESIGNERS • PLANNERS

Revised Schedule

NO.	DATE	BY	REVISION
1	12/21/09	MM	ISSUED FOR PERMITS
2	01/22/10	MM	REVISIONS TO PERMITS
3	02/02/10	MM	REVISIONS TO PERMITS
4	02/22/10	MM	REVISIONS TO PERMITS
5	03/11/10	MM	REVISIONS TO PERMITS
6	03/18/10	MM	REVISIONS TO PERMITS
7	04/08/10	MM	REVISIONS TO PERMITS
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10	05/27/10	MM	REVISIONS TO PERMITS
11	06/10/10	MM	REVISIONS TO PERMITS
12	06/24/10	MM	REVISIONS TO PERMITS
13	07/08/10	MM	REVISIONS TO PERMITS
14	07/22/10	MM	REVISIONS TO PERMITS
15	08/05/10	MM	REVISIONS TO PERMITS
16	08/19/10	MM	REVISIONS TO PERMITS
17	09/02/10	MM	REVISIONS TO PERMITS
18	09/16/10	MM	REVISIONS TO PERMITS
19	09/30/10	MM	REVISIONS TO PERMITS
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47	10/27/11	MM	REVISIONS TO PERMITS
48	11/10/11	MM	REVISIONS TO PERMITS
49	11/24/11	MM	REVISIONS TO PERMITS
50	12/08/11	MM	REVISIONS TO PERMITS

GENERAL NOTES

1. ALL COSTS ARE ESTIMATED AND SUBJECT TO CHANGE.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
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30. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.



C02.02

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: 7/15/2010  
 Technician: MJK  
 Gauge Model/Serial Number: L 500  
 Report Issue Date: **AUG 02 2010**


Lab No.	Soil Description	ASTM D1557 Max Density	ASTM D1557 Opt. Moisture
11175	3" Type D gravel	129.8	8.4

Test No.	Location	Elevation	ASTM D6938 Dry Density (pcf)	ASTM D6938 Water Content (%)	Percent of Max. (%)	Lab. No.
1	Area C - XG/Z1	60	124.5	4	96	11175
2	Outbound road - CL STA 7+00	FG	125.4	4	97	11175
3	Inbound road - CL STA 7+00	FG	129.6	7	100	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  
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 TOF = Top of Footing

Checked by: 

1PD

PORTLAND INT'L AIRPORT  
TERMINAL EXPANSION  
SF7-14  
MJC  
7-15-2010

Portland International  
Jetport  
1001 Westbrook Street  
Portland, Maine 04102

Gensler  
nest ASSOCIATES, INC.  
1000 BROADWAY, SUITE 2000  
NEW YORK, NY 10018  
PHONE: 212.213.1800

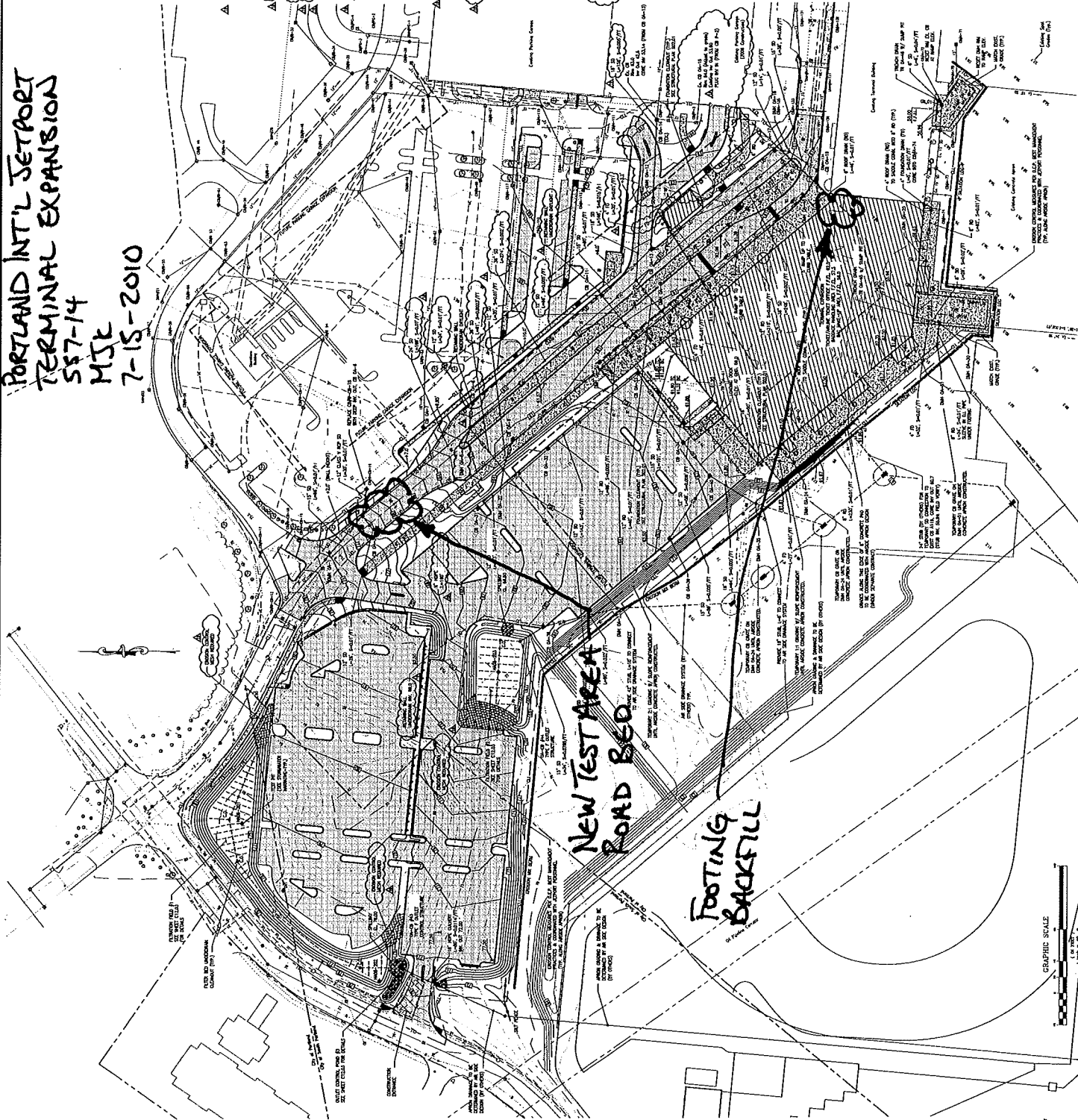
SHEET NOTES  
1. SEE GENERAL NOTES FOR DETAILS OF THE WORK  
2. SEE GENERAL NOTES FOR DETAILS OF THE WORK

Revised Schedule

NO.	DATE	BY	REVISION
1	07/15/10	MJC	ISSUED FOR PERMIT
2	07/22/10	MJC	ISSUED FOR PERMIT
3	07/29/10	MJC	ISSUED FOR PERMIT
4	08/05/10	MJC	ISSUED FOR PERMIT
5	08/12/10	MJC	ISSUED FOR PERMIT
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80	01/19/12	MJC	ISSUED FOR PERMIT
81	01/26/12	MJC	ISSUED FOR PERMIT
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93	04/20/12	MJC	ISSUED FOR PERMIT
94	04/27/12	MJC	ISSUED FOR PERMIT
95	05/04/12	MJC	ISSUED FOR PERMIT
96	05/11/12	MJC	ISSUED FOR PERMIT
97	05/18/12	MJC	ISSUED FOR PERMIT
98	05/25/12	MJC	ISSUED FOR PERMIT
99	06/01/12	MJC	ISSUED FOR PERMIT
100	06/08/12	MJC	ISSUED FOR PERMIT

GENERAL NOTES

- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING:
  - A. 2009 INTERNATIONAL BUILDING CODE
  - B. 2009 INTERNATIONAL MECHANICAL CODE
  - C. 2009 INTERNATIONAL PLUMBING AND MECHANICAL CODE
  - D. 2009 INTERNATIONAL FIRE AND SAFETY CODE
  - E. 2009 INTERNATIONAL ENERGY CONSERVATION CODE
  - F. 2009 INTERNATIONAL ELECTRICAL CODE
  - G. 2009 INTERNATIONAL ROOFING AND FLOORING CODE
  - H. 2009 INTERNATIONAL SCHEDULING CODE
  - I. 2009 INTERNATIONAL SIGNING CODE
  - J. 2009 INTERNATIONAL SYMBOLS CODE
  - K. 2009 INTERNATIONAL UNIFORM CODES AND CONVENTIONS
  - L. 2009 INTERNATIONAL UNIT CONVERSION TABLES
  - M. 2009 INTERNATIONAL DIMENSIONAL STANDARDS
  - N. 2009 INTERNATIONAL GRAPHIC STANDARDS
  - O. 2009 INTERNATIONAL GRAPHIC SYMBOLS
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  - AG. 2009 INTERNATIONAL GRAPHIC STANDARDS FOR SYMBOLS CODE DRAWINGS
  - AH. 2009 INTERNATIONAL GRAPHIC STANDARDS FOR UNIFORM CODES AND CONVENTIONS DRAWINGS
  - AI. 2009 INTERNATIONAL GRAPHIC STANDARDS FOR UNIT CONVERSION TABLES DRAWINGS
  - AJ. 2009 INTERNATIONAL GRAPHIC STANDARDS FOR DIMENSIONAL STANDARDS DRAWINGS
  - AK. 2009 INTERNATIONAL GRAPHIC STANDARDS FOR ELECTRICAL CODE DRAWINGS
  - AL. 2009 INTERNATIONAL GRAPHIC STANDARDS FOR ROOFING AND FLOORING CODE DRAWINGS
  - AM. 2009 INTERNATIONAL GRAPHIC STANDARDS FOR SCHEDULING CODE DRAWINGS
  - AN. 2009 INTERNATIONAL GRAPHIC STANDARDS FOR SIGNING CODE DRAWINGS
  - AO. 2009 INTERNATIONAL GRAPHIC STANDARDS FOR SYMBOLS CODE DRAWINGS
  - AP. 2009 INTERNATIONAL GRAPHIC STANDARDS FOR UNIFORM CODES AND CONVENTIONS DRAWINGS
  - AQ. 2009 INTERNATIONAL GRAPHIC STANDARDS FOR UNIT CONVERSION TABLES DRAWINGS
  - AR. 2009 INTERNATIONAL GRAPHIC STANDARDS FOR DIMENSIONAL STANDARDS DRAWINGS
  - AS. 2009 INTERNATIONAL GRAPHIC STANDARDS FOR ELECTRICAL CODE DRAWINGS
  - AT. 2009 INTERNATIONAL GRAPHIC STANDARDS FOR ROOFING AND FLOORING CODE DRAWINGS
  - AU. 2009 INTERNATIONAL GRAPHIC STANDARDS FOR SCHEDULING CODE DRAWINGS
  - AV. 2009 INTERNATIONAL GRAPHIC STANDARDS FOR SIGNING CODE DRAWINGS
  - AW. 2009 INTERNATIONAL GRAPHIC STANDARDS FOR SYMBOLS CODE DRAWINGS
  - AX. 2009 INTERNATIONAL GRAPHIC STANDARDS FOR UNIFORM CODES AND CONVENTIONS DRAWINGS
  - AY. 2009 INTERNATIONAL GRAPHIC STANDARDS FOR UNIT CONVERSION TABLES DRAWINGS
  - AZ. 2009 INTERNATIONAL GRAPHIC STANDARDS FOR DIMENSIONAL STANDARDS DRAWINGS
  - BA. 2009 INTERNATIONAL GRAPHIC STANDARDS FOR ELECTRICAL CODE DRAWINGS
  - BB. 2009 INTERNATIONAL GRAPHIC STANDARDS FOR ROOFING AND FLOORING CODE DRAWINGS
  - BC. 2009 INTERNATIONAL GRAPHIC STANDARDS FOR SCHEDULING CODE DRAWINGS
  - BD. 2009 INTERNATIONAL GRAPHIC STANDARDS FOR SIGNING CODE DRAWINGS
  - BE. 2009 INTERNATIONAL GRAPHIC STANDARDS FOR SYMBOLS CODE DRAWINGS
  - BF. 2009 INTERNATIONAL GRAPHIC STANDARDS FOR UNIFORM CODES AND CONVENTIONS DRAWINGS
  - BF. 2009 INTERNATIONAL GRAPHIC STANDARDS FOR UNIFORM CODES AND CONVENTIONS DRAWINGS



PROJECT: PORTLAND INTERNATIONAL AIRPORT TERMINAL EXPANSION  
 SHEET: 7-15-2010  
 DATE: 7-15-2010  
 SCALE: AS SHOWN  
 DRAWN BY: MJC  
 CHECKED BY: [Signature]  
 PROJECT ENGINEER: [Signature]  
 STATE OF MAINE  
 PROFESSIONAL ENGINEER  
 NO. 10100  
 EXPIRES: 12/31/2010

C02.02

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	3" Type D Gravel	129.8	8.4

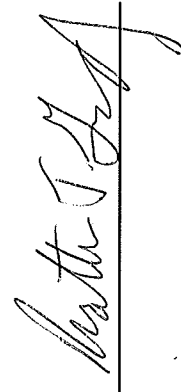
Client: City of Portland  
 Test Date: 7/16/2010  
 Technician: MJK  
 Gauge Model/Serial Number: L 500  
 Report Issue Date: **AUG 02 2010**

Test No.	Location	Elevation	ASTM D6938 Dry Density (pcf)	ASTM D6938 Water Content (%)	Percent of Max. (%)	Lab. No.
1	South of Line F/1ZA	TOW -7'	122.8	3	95	11175
2	10' East of Line XJ/ZB	TOW -5'	124.3	3	96	11175
3	10' East of Line XJ/Y1	TOW -4'	123.4	3	95	11175
4	South of Line F/1ZA	TOW -6'	125.5	5	97	11175
5	15' East of Line XG/ZA	Exist. FF -7'	125.9	4	97	11175
6	10' East of Line XJ/Z1.7	TOW -3'	125.0	3	96	11175
7	15' East of Line XG/ZA	EXIST. FF -6'	128.5	4	99	11175
8	10' East of Line XJ/Z1.7	SG	127.2	3	98	11175
9	South of Line F/1ZB	TOW -5'	123.9	4	96	11175
10	15' East of Line XG/Z1	Exist. FF -5'	122.8	4	95	11175
11	Road - Outbound lane STA 6+00	FG	122.8	3	95	11175
12	Road - Inbound lane STA 6+50	FG	127.6	3	98	11175
13	South of Line F/1ZA	TOW -4'	124.6	4	96	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  
 TOF = Top of Footing

Checked by: 

IPD

PORTLAND INT'L AIRPORT  
TERMINAL EXPANSION  
557-14  
7-16-10  
HJK

**SHEET NOTES**  
1. SEE PRELIMINARY DRAWING FOR SCALE OF THE MAPS  
2. SEE DRAWING 557-10

Portland International  
Jetport  
1001 Westbrook Street  
Portland, Maine 04102

**Gensler**

**meist ASSOCIATES, INC.**  
ARCHITECTS

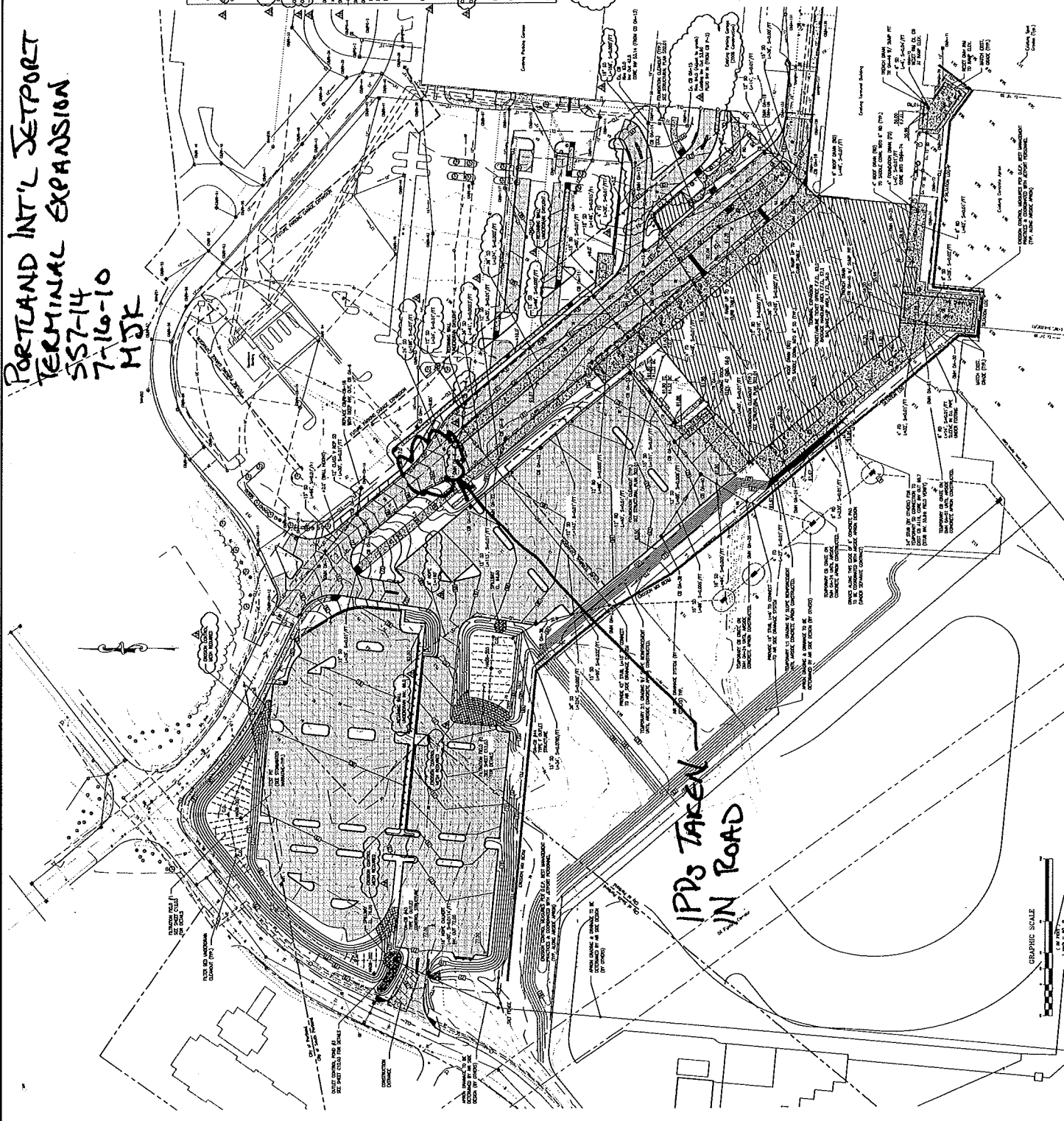
200 E. GORHAM, 9TH  
PORTLAND, ME 04102  
PHONE: 603.771.2200  
FAX: 603.771.2202

Revised Schedule

NO.	DATE	BY	REVISION
1	07/17/10	HJK	ISSUED FOR PERMIT
2	07/17/10	HJK	ISSUED FOR PERMIT
3	07/17/10	HJK	ISSUED FOR PERMIT
4	07/17/10	HJK	ISSUED FOR PERMIT
5	07/17/10	HJK	ISSUED FOR PERMIT
6	07/17/10	HJK	ISSUED FOR PERMIT
7	07/17/10	HJK	ISSUED FOR PERMIT
8	07/17/10	HJK	ISSUED FOR PERMIT
9	07/17/10	HJK	ISSUED FOR PERMIT
10	07/17/10	HJK	ISSUED FOR PERMIT
11	07/17/10	HJK	ISSUED FOR PERMIT
12	07/17/10	HJK	ISSUED FOR PERMIT
13	07/17/10	HJK	ISSUED FOR PERMIT
14	07/17/10	HJK	ISSUED FOR PERMIT
15	07/17/10	HJK	ISSUED FOR PERMIT
16	07/17/10	HJK	ISSUED FOR PERMIT
17	07/17/10	HJK	ISSUED FOR PERMIT
18	07/17/10	HJK	ISSUED FOR PERMIT
19	07/17/10	HJK	ISSUED FOR PERMIT
20	07/17/10	HJK	ISSUED FOR PERMIT
21	07/17/10	HJK	ISSUED FOR PERMIT
22	07/17/10	HJK	ISSUED FOR PERMIT
23	07/17/10	HJK	ISSUED FOR PERMIT
24	07/17/10	HJK	ISSUED FOR PERMIT
25	07/17/10	HJK	ISSUED FOR PERMIT
26	07/17/10	HJK	ISSUED FOR PERMIT
27	07/17/10	HJK	ISSUED FOR PERMIT
28	07/17/10	HJK	ISSUED FOR PERMIT
29	07/17/10	HJK	ISSUED FOR PERMIT
30	07/17/10	HJK	ISSUED FOR PERMIT
31	07/17/10	HJK	ISSUED FOR PERMIT
32	07/17/10	HJK	ISSUED FOR PERMIT
33	07/17/10	HJK	ISSUED FOR PERMIT
34	07/17/10	HJK	ISSUED FOR PERMIT
35	07/17/10	HJK	ISSUED FOR PERMIT
36	07/17/10	HJK	ISSUED FOR PERMIT
37	07/17/10	HJK	ISSUED FOR PERMIT
38	07/17/10	HJK	ISSUED FOR PERMIT
39	07/17/10	HJK	ISSUED FOR PERMIT
40	07/17/10	HJK	ISSUED FOR PERMIT
41	07/17/10	HJK	ISSUED FOR PERMIT
42	07/17/10	HJK	ISSUED FOR PERMIT
43	07/17/10	HJK	ISSUED FOR PERMIT
44	07/17/10	HJK	ISSUED FOR PERMIT
45	07/17/10	HJK	ISSUED FOR PERMIT
46	07/17/10	HJK	ISSUED FOR PERMIT
47	07/17/10	HJK	ISSUED FOR PERMIT
48	07/17/10	HJK	ISSUED FOR PERMIT
49	07/17/10	HJK	ISSUED FOR PERMIT
50	07/17/10	HJK	ISSUED FOR PERMIT

**GENERAL NOTES**

- ALL WORK SHOWN ON THIS PLAN IS TO BE CONSIDERED AS PART OF THE PROJECT.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE MECHANICAL CODE (MEC).
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MECHANICAL CODE (MEC) AND THE PLUMBING CODE (PLC).
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MECHANICAL CODE (MEC) AND THE ELECTRICAL CODE (EC).
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MECHANICAL CODE (MEC) AND THE FIRE CODE (FC).
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MECHANICAL CODE (MEC) AND THE SAFETY CODE (SC).
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MECHANICAL CODE (MEC) AND THE ENVIRONMENTAL CODE (EC).
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MECHANICAL CODE (MEC) AND THE ACCESSIBILITY CODE (AC).
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MECHANICAL CODE (MEC) AND THE HISTORIC PRESERVATION CODE (HPC).
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MECHANICAL CODE (MEC) AND THE LANDMARKS AND HISTORIC PRESERVATION CODE (LHP).
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MECHANICAL CODE (MEC) AND THE ARCHITECTURAL RECORDING CODE (ARC).
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MECHANICAL CODE (MEC) AND THE ARCHITECTURAL RECORDING CODE (ARC).
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MECHANICAL CODE (MEC) AND THE ARCHITECTURAL RECORDING CODE (ARC).
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MECHANICAL CODE (MEC) AND THE ARCHITECTURAL RECORDING CODE (ARC).
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MECHANICAL CODE (MEC) AND THE ARCHITECTURAL RECORDING CODE (ARC).



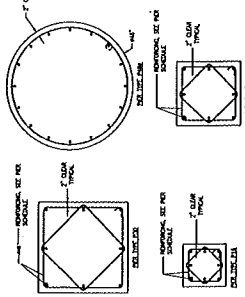
IPDS TAKEN  
IN ROAD

GRAPHIC SCALE  
1" = 10'

C02.02

1/2

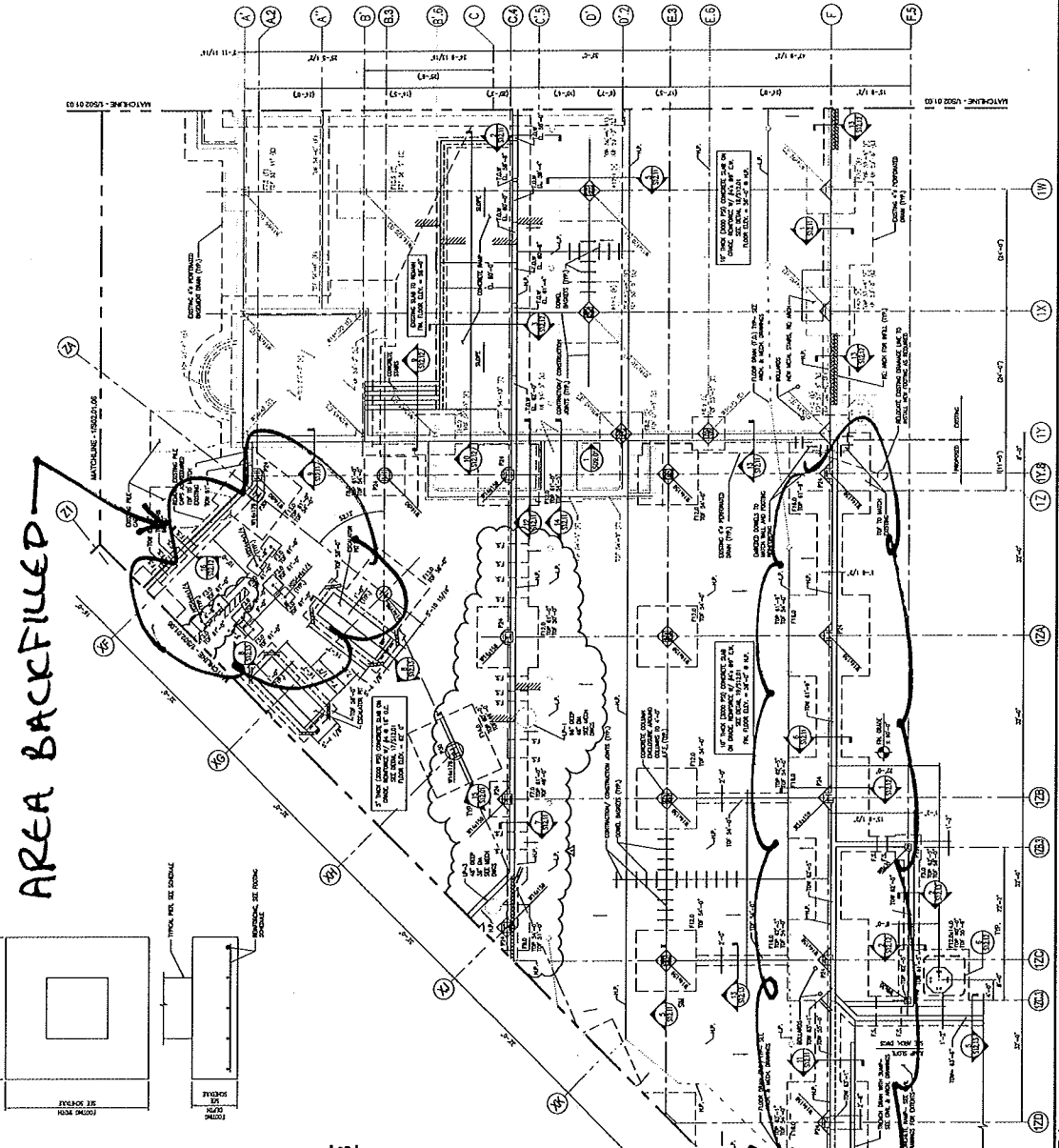
IPD



PIER SCHEDULE & DETAILS

FOOTING TYPE	FOOTING SCHEDULE	REINFORCING
F10	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F11	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F12	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F13	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F14	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F15	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F16	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F17	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F18	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F19	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F20	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F21	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F22	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F23	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F24	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F25	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F26	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F27	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F28	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F29	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F30	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F31	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F32	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F33	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F34	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F35	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F36	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F37	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F38	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F39	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F40	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F41	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F42	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F43	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F44	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F45	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F46	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F47	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F48	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F49	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F50	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F51	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F52	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F53	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F54	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F55	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F56	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F57	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F58	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F59	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F60	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F61	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F62	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F63	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
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F72	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F73	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F74	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
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F76	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F77	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F78	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
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F80	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F81	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F82	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F83	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F84	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F85	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F86	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F87	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F88	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F89	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F90	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F91	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F92	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F93	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F94	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F95	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F96	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F97	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F98	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F99	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA
F100	3'-0" x 3'-0" x 1'-0"	#4 @ 12" EA

FOOTING SCHEDULE & DETAILS



**SHEET NOTES**

1. VERIFY DIMENSIONS WITH FIELD AND WITH EXISTING RECORD DRAWINGS.
2. DIMENSIONS SHOWN TO FACE UNLESS NOTED OTHERWISE.
3. DIMENSIONS TO FACE OF WALL UNLESS NOTED OTHERWISE.
4. DIMENSIONS TO FACE OF FOOTING UNLESS NOTED OTHERWISE.
5. DIMENSIONS TO FACE OF PIER UNLESS NOTED OTHERWISE.
6. DIMENSIONS TO FACE OF COLUMN UNLESS NOTED OTHERWISE.
7. DIMENSIONS TO FACE OF BEAM UNLESS NOTED OTHERWISE.
8. DIMENSIONS TO FACE OF SLAB UNLESS NOTED OTHERWISE.
9. DIMENSIONS TO FACE OF DECK UNLESS NOTED OTHERWISE.
10. DIMENSIONS TO FACE OF CURB UNLESS NOTED OTHERWISE.
11. DIMENSIONS TO FACE OF RAMP UNLESS NOTED OTHERWISE.
12. DIMENSIONS TO FACE OF STAIR UNLESS NOTED OTHERWISE.
13. DIMENSIONS TO FACE OF ELEVATOR UNLESS NOTED OTHERWISE.
14. DIMENSIONS TO FACE OF MECHANICAL UNLESS NOTED OTHERWISE.
15. DIMENSIONS TO FACE OF ELECTRICAL UNLESS NOTED OTHERWISE.
16. DIMENSIONS TO FACE OF PLUMBING UNLESS NOTED OTHERWISE.
17. DIMENSIONS TO FACE OF HVAC UNLESS NOTED OTHERWISE.
18. DIMENSIONS TO FACE OF FIRE UNLESS NOTED OTHERWISE.
19. DIMENSIONS TO FACE OF OTHER UNLESS NOTED OTHERWISE.

7/16

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

**Gensler**

2005 Gensler, Inc.  
Portland, ME 04102  
Phone: 207.633.2200  
Fax: 207.633.2200

**meist ASSOCIATES, INC.**  
1001 Westbrook Street  
Portland, ME 04102  
Phone: 207.633.2200  
Fax: 207.633.2200

**GENERAL NOTES**

1. ALL DIMENSIONS SHALL BE UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS SHALL BE TO FACE UNLESS NOTED OTHERWISE.
3. ALL DIMENSIONS SHALL BE TO CENTERLINE UNLESS NOTED OTHERWISE.
4. ALL DIMENSIONS SHALL BE TO FACE OF WALL UNLESS NOTED OTHERWISE.
5. ALL DIMENSIONS SHALL BE TO FACE OF FOOTING UNLESS NOTED OTHERWISE.
6. ALL DIMENSIONS SHALL BE TO FACE OF PIER UNLESS NOTED OTHERWISE.
7. ALL DIMENSIONS SHALL BE TO FACE OF COLUMN UNLESS NOTED OTHERWISE.
8. ALL DIMENSIONS SHALL BE TO FACE OF BEAM UNLESS NOTED OTHERWISE.
9. ALL DIMENSIONS SHALL BE TO FACE OF SLAB UNLESS NOTED OTHERWISE.
10. ALL DIMENSIONS SHALL BE TO FACE OF DECK UNLESS NOTED OTHERWISE.
11. ALL DIMENSIONS SHALL BE TO FACE OF CURB UNLESS NOTED OTHERWISE.
12. ALL DIMENSIONS SHALL BE TO FACE OF RAMP UNLESS NOTED OTHERWISE.
13. ALL DIMENSIONS SHALL BE TO FACE OF STAIR UNLESS NOTED OTHERWISE.
14. ALL DIMENSIONS SHALL BE TO FACE OF ELEVATOR UNLESS NOTED OTHERWISE.
15. ALL DIMENSIONS SHALL BE TO FACE OF MECHANICAL UNLESS NOTED OTHERWISE.
16. ALL DIMENSIONS SHALL BE TO FACE OF ELECTRICAL UNLESS NOTED OTHERWISE.
17. ALL DIMENSIONS SHALL BE TO FACE OF PLUMBING UNLESS NOTED OTHERWISE.
18. ALL DIMENSIONS SHALL BE TO FACE OF HVAC UNLESS NOTED OTHERWISE.
19. ALL DIMENSIONS SHALL BE TO FACE OF FIRE UNLESS NOTED OTHERWISE.
20. ALL DIMENSIONS SHALL BE TO FACE OF OTHER UNLESS NOTED OTHERWISE.

**KEY PLAN**

7 8 9 3 2 1

**FOUNDATION PLAN - LEVEL 1&2 - ZONE 4**  
SCALE: 1/4" = 1'-0"

**S02.01.04**

2/2

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: 7/17/2010  
 Technician: MJK  
 Gauge Model/Serial Number: L 500  
 Report Issue Date: **AUG 02 2010**

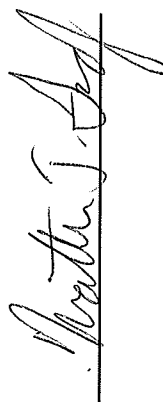
Lab No.	Soil Description	ASTM D1557 Max Density	ASTM D1557 Opt. Moisture
11175	3" Type D Gravel	129.8	8.4

Test No.	Location	Elevation	ASTM D6938 Dry Density (pcf)	ASTM D6938 Water Content (%)	Percent of Max. (%)	Lab. No.
1	Retaining wall STA 4+00	FG +4.5'	123.1	3	95	11194
2	Road STA 6+50 - Inbound	FG	124.3	5	96	11194
3	Road STA 6+00 - Outbound	FG	126.5	4	98	11194
4	Retaining wall STA 4+00	FG +6'	123.6	4	95	11194
5	Road STA 5+50 - Inbound	FG	123.2	5	95	11151
6	Road STA 5+00 - Outbound	FG	123.2	4	95	11151
7	Retaining wall STA 3+10	FG +3'	124.6	4	96	11175
8	Retaining wall STA 3+10	FG +4.5'	125.5	3	97	11175

Remarks:

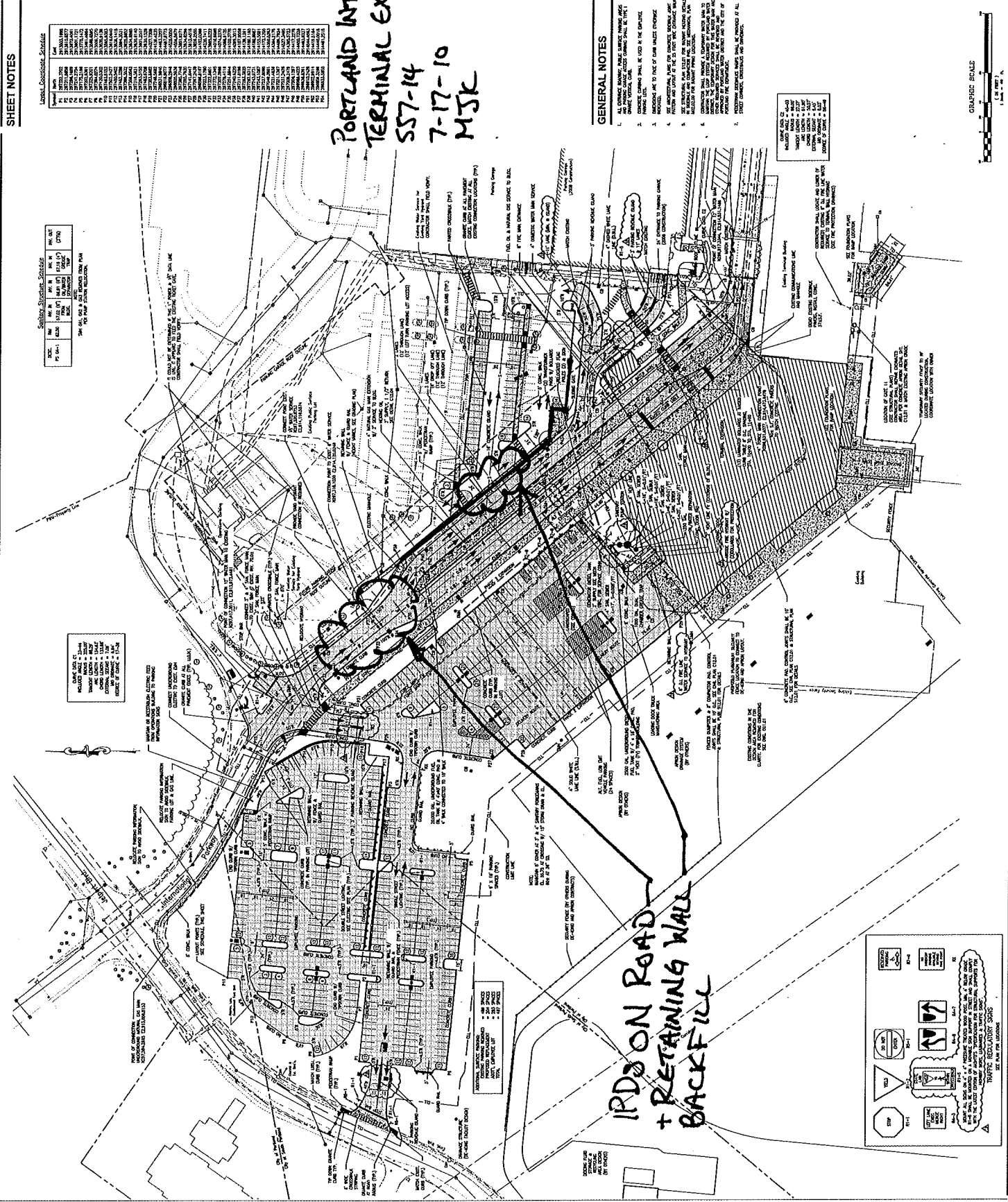
FG = Finish Grade  
 FF = Finish Floor  
 FGB = Finish Grade of Base  
 FGSB = Finish Grade of Subbase  
 FGSG = Finish Grade of Subgrade

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

Checked by: 



IPD



**SHEET NOTES**

**Level Elevation Schedule:**

Level	Point	Elevation
1	251.10	251.10
2	251.10	251.10
3	251.10	251.10
4	251.10	251.10
5	251.10	251.10
6	251.10	251.10
7	251.10	251.10
8	251.10	251.10
9	251.10	251.10
10	251.10	251.10
11	251.10	251.10
12	251.10	251.10
13	251.10	251.10
14	251.10	251.10
15	251.10	251.10
16	251.10	251.10
17	251.10	251.10
18	251.10	251.10
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**Section Schedule:**

Section	Point	Elevation
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**Portland International Jetport**  
 1001 Westbrook Street  
 Portland, Maine 04102

**Gensler**

**meaf ASSOCIATES, INC.**  
 1000 S. W. 10th Avenue  
 Portland, ME 04102  
 Phone: 603.733.1300  
 Fax: 603.733.1301

**PORTLAND INT'L JETPORT  
 TERMINAL EXPANSION**  
 557-14  
 7-17-10  
 MSK

**GENERAL NOTES**

- ALL EXISTING AND PROPOSED WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE AIAA, ASHRAE, AND MECHANICAL CODES.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE AIAA, ASHRAE, AND MECHANICAL CODES.
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**GRAPHIC SCALE**  
 1" = 100' - 0"

**C02.01**