

R. W. Gillespie & Associates, Inc.

86 Industrial Park Road, Suite 4, Saco, ME 04072 207-286-8008
200 Int'l Drive, Suite 170, Portsmouth, NH 03801 603-427-0244

LETTER OF TRANSMITTAL

Date:	August 27, 2010	Project No.:	557-14
Attention:	Mr. Cuyler Feagles (cmf@portlandmaine.gov)		
Re:	In-Place Density Testing Terminal Enhancement, Portland Int. Jetport Portland, Maine		

City of Portland, Portland Int. Jetport

1001 Westbrook Street

Portland, Maine 04102

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

Date(s) Performed:

August 2, 3, 5, & 6, 2010

Test (s) Performed

In-Place Density Testing - Nuclear Method ASTM D6938



Meets Specification



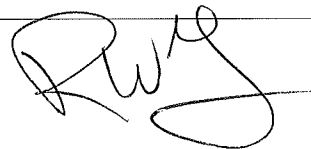
Selected Tests Do Not Meet Specification - Noted with an *

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
 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
 Elizabeth O'Toole: eotoole@tcco.com
 TMM@portlandmaine.gove
 ldobson@portlandmaine.gov
 bcybulski@tcco.com
 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: 8/2/2010
 Technician: MJK
 Gauge Model/Serial Number: L 500

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

Report Issue Date: **AUG 27 2010**

Test No.	Location	Elevation	ASTM D6938 Dry Density (pcf)	ASTM D6938 Water Content (%)	Percent of Max. (%)	Lab. No.
1	Retaining wall STA 0+20	72.50	125.5	3	97	11175
2	N side FTG @ XH/Z6	59.00	127.3	3	98	11175
3	E side FTG @ XH.5/Y5	59.00	128.2	2	99	11175
4	E side FTG @ XH/Z6	60.00	124.7	3	96	11175
5	W side FTG @ XH.5/Y5	60.00	125.8	3	97	11175
6	E corner FTG @ XH/Y6.5	58.00	123.7	5	95	11175
7	E side FTG @ XH/Y7.5	58.00	122.9	3	95	11175
8	E corner FTG @ XH/Y7.5	59.00	124.4	3	96	11175
9	W side FTG @ XH/Y7	59.00	128.0	3	99	11175
10	E corner FTG @ XH/Y7.5	60.00	125.8	3	97	11175
11	E side FTG @ XH/Y6.5	60.00	124.2	3	96	11175
12	W side FTG @ XH.5/Y6	59.50	123.7	3	95	11175
13	N corner FTG @ XH.5/Y7	59.00	129.4	3	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
- SG = Subgrade

Checked by: 

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: 8/2/2010
 Technician: MJK
 Gauge Model/Serial Number: L 500

Report Issue Date: **AUG 27 2010**


Lab No.	Soil Description	ASTM D1557 Max Density	ASTM D1557 Opt. Moisture
11175	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.
14	N side elevator pit	58.00	124.0	3	96	11175
15	W corner FTG @ XH.5/Y5.5	56.00	125.1	4	96	11175
16	N corner FTG @ XH.5/Y7	60.00	126.2	4	97	11175
17	W corner FTG @ XH.5/Y5.5	57.50	123.9	2	96	11175
18	Inside foundation wall at XG/Y8	60.00	128.2	3	99	11175
19	W side elevator pit	57.50	127.5	3	98	11175
20	W corner FTG @ XH.5/Y5.5	59.00	123.3	3	95	11175
21	N side elevator pit	59.00	128.9	2	99	11175
22	W corner FTG @ XH.5/Y5.5	60.00	126.6	3	98	11175
23	W side FTG @ XH.5/Y6	60.00	124.0	4	96	11175
24	W side elevator pit	58.00	125.7	3	97	11175
25	W side elevator pit	59.00	122.9	6	95	11175
26	W side elevator pit	60.00	127.5	4	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

Checked by: 

IPD

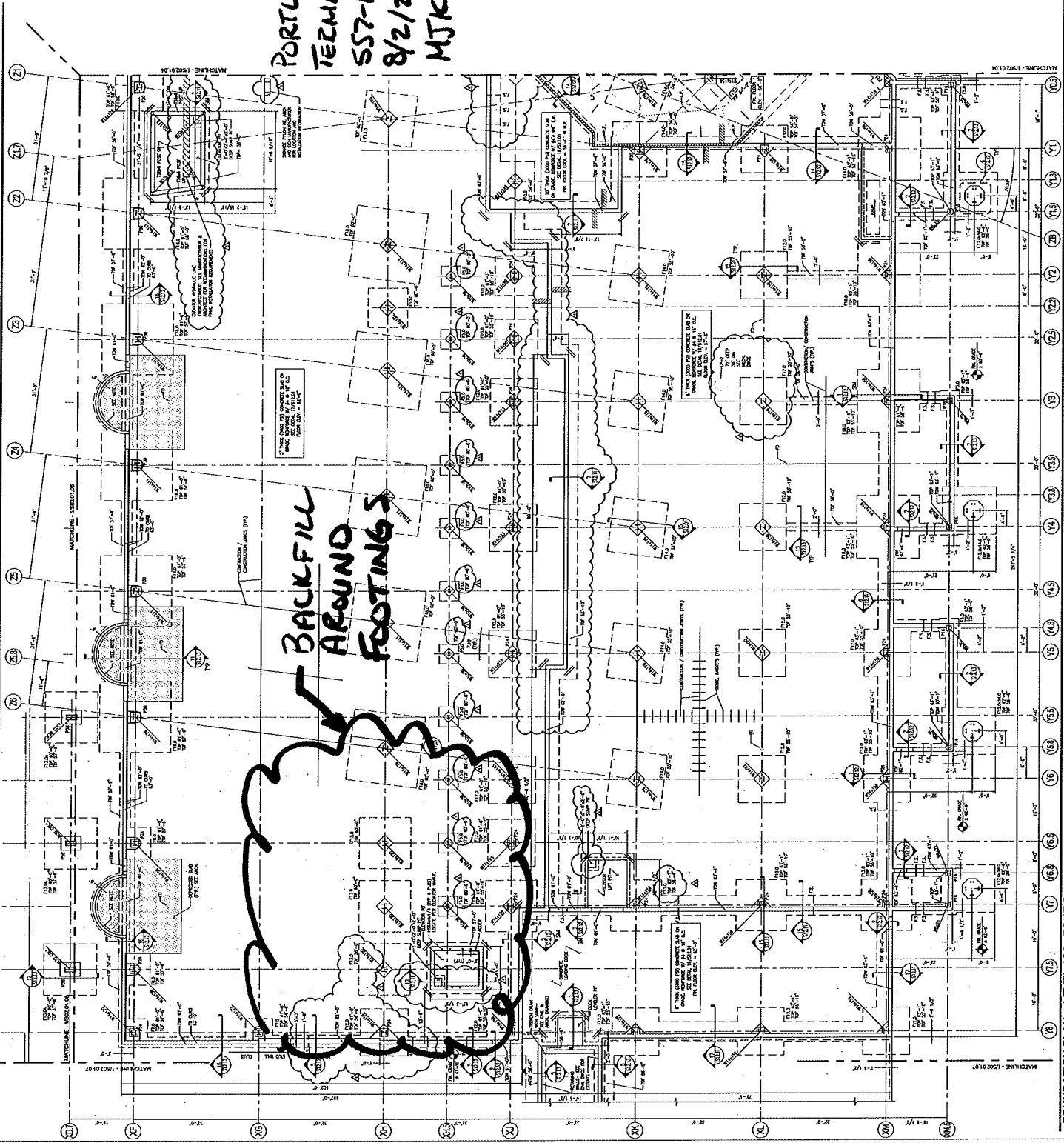
Portland International
Jetport
1001 Westbrook Street
Portland, Maine 04102

Gensler

nest ASSOCIATES, INC.
ARCHITECTS / CONTRACTORS / INTERIOR ARCHITECTS

PORTLAND INT'L JETPORT
TERMINAL EXPANSION
SS7-H
8/2/2010
MJK

SHEET NOTES
1. ALL DIMENSIONS UNLESS OTHERWISE NOTED ARE IN FEET AND INCHES.
2. DIMENSIONS SHOWN ON THIS SHEET ARE THE CENTERLINE DIMENSIONS UNLESS OTHERWISE NOTED.
3. DIMENSIONS SHOWN ON THIS SHEET ARE THE CENTERLINE DIMENSIONS UNLESS OTHERWISE NOTED.
4. DIMENSIONS SHOWN ON THIS SHEET ARE THE CENTERLINE DIMENSIONS UNLESS OTHERWISE NOTED.
5. DIMENSIONS SHOWN ON THIS SHEET ARE THE CENTERLINE DIMENSIONS UNLESS OTHERWISE NOTED.
6. DIMENSIONS SHOWN ON THIS SHEET ARE THE CENTERLINE DIMENSIONS UNLESS OTHERWISE NOTED.
7. DIMENSIONS SHOWN ON THIS SHEET ARE THE CENTERLINE DIMENSIONS UNLESS OTHERWISE NOTED.
8. DIMENSIONS SHOWN ON THIS SHEET ARE THE CENTERLINE DIMENSIONS UNLESS OTHERWISE NOTED.
9. DIMENSIONS SHOWN ON THIS SHEET ARE THE CENTERLINE DIMENSIONS UNLESS OTHERWISE NOTED.
10. DIMENSIONS SHOWN ON THIS SHEET ARE THE CENTERLINE DIMENSIONS UNLESS OTHERWISE NOTED.



GENERAL NOTES
1. ALL DIMENSIONS UNLESS OTHERWISE NOTED ARE IN FEET AND INCHES.
2. DIMENSIONS SHOWN ON THIS SHEET ARE THE CENTERLINE DIMENSIONS UNLESS OTHERWISE NOTED.
3. DIMENSIONS SHOWN ON THIS SHEET ARE THE CENTERLINE DIMENSIONS UNLESS OTHERWISE NOTED.
4. DIMENSIONS SHOWN ON THIS SHEET ARE THE CENTERLINE DIMENSIONS UNLESS OTHERWISE NOTED.
5. DIMENSIONS SHOWN ON THIS SHEET ARE THE CENTERLINE DIMENSIONS UNLESS OTHERWISE NOTED.
6. DIMENSIONS SHOWN ON THIS SHEET ARE THE CENTERLINE DIMENSIONS UNLESS OTHERWISE NOTED.
7. DIMENSIONS SHOWN ON THIS SHEET ARE THE CENTERLINE DIMENSIONS UNLESS OTHERWISE NOTED.
8. DIMENSIONS SHOWN ON THIS SHEET ARE THE CENTERLINE DIMENSIONS UNLESS OTHERWISE NOTED.
9. DIMENSIONS SHOWN ON THIS SHEET ARE THE CENTERLINE DIMENSIONS UNLESS OTHERWISE NOTED.
10. DIMENSIONS SHOWN ON THIS SHEET ARE THE CENTERLINE DIMENSIONS UNLESS OTHERWISE NOTED.

KEY PLAN
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

FOUNDATION PLAN - LEVEL 1&2 - ZONE 5
1/8" = 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

Page 1 of 1

Client: City of Portland
 Test Date: 8/3/2010
 Technician: MJK
 Gauge Model/Serial Number: L 500

Lab No.	Soil Description	ASTM D1557 Max Density	ASTM D1557 Opt. Moisture
11175	Type D Gravel	129.8	8.4
11194	Poorly Graded Sand	111.0	11.4

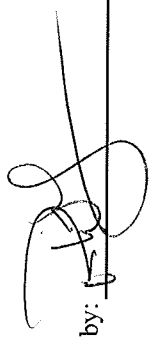
Report Issue Date: **AUG 27 2010**

Test No.	Location	Elevation	ASTM D6938 Dry Density (pcf)	ASTM D6938 Water Content (%)	Percent of Max. (%)	Lab. No.
1	E side FTG @ XH.5/Y6.5	60.50	130.6	3	100+	11175
2	E corner elevator pit	60.50	127.7	3	98	11175
3	N corner FTG @ XH/Y7.5	60.50	123.1	3	95	11175
4	E corner FTG @ XH/Y6.5	60.50	127.8	2	99	11175
5	SE end of electric room, NE of geothermal pipes	TOW -3'	107.0	6	96	11194
6	NW end of electric room	TOW -3'	107.5	6	97	11194

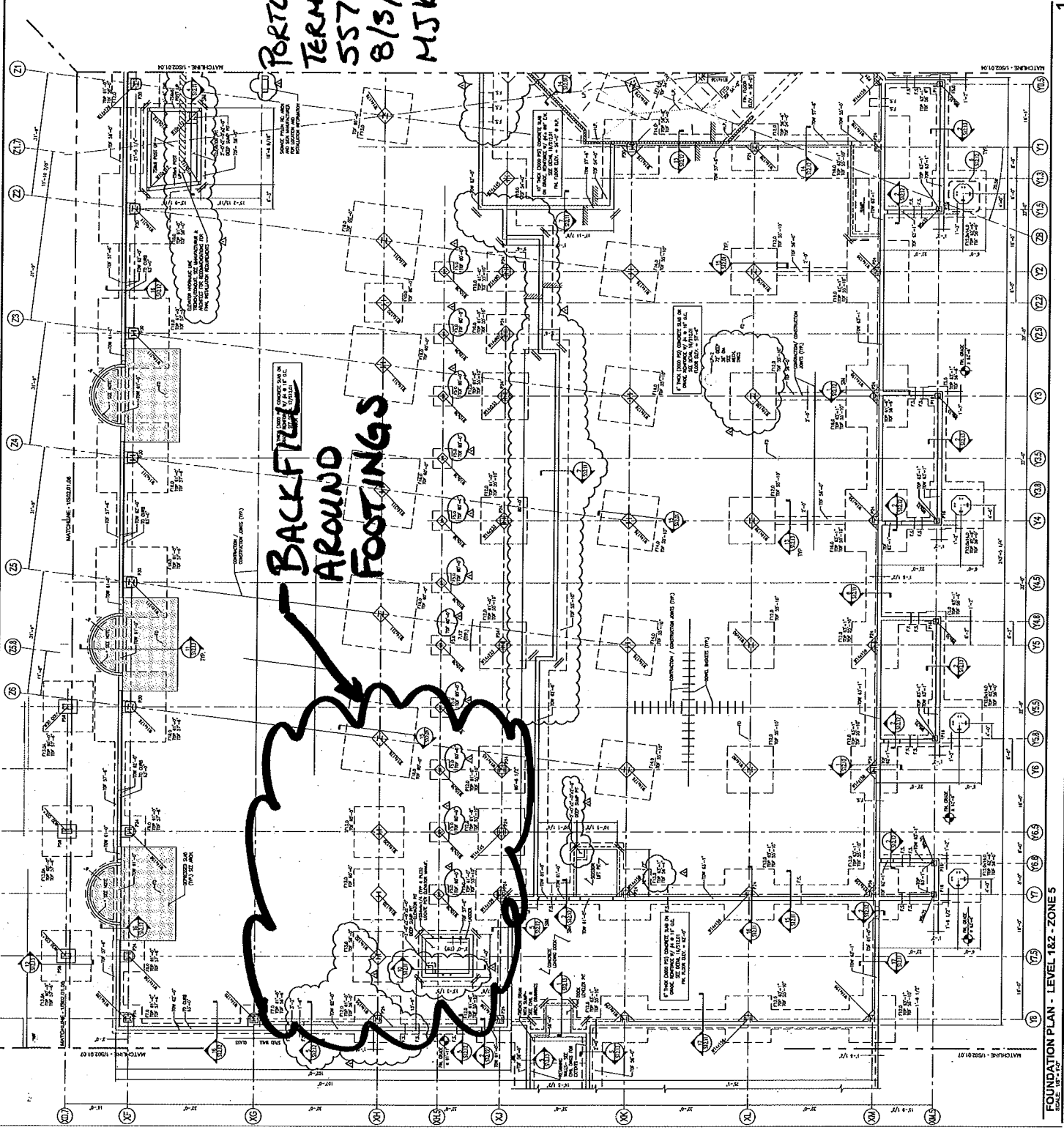
Remarks: * material mixed with 3/4" stone for underdrain pipe

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: 

IPD



**BACKFILL
AROUND
FOOTINGS**

**PORTLAND INT'L SEAPORT
TERMINAL EXPANSION
557-14
8/3/2010
MSK**

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

Gensler

nest ASSOCIATES, INC.
ARCHITECTS, INTERIORS, ENVIRONMENTAL ARCHITECTURE
1000 Congress Street
Portland, ME 04102
Phone: 207.733.2200
Fax: 207.733.2227

SHEET NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE AIAA, AIA, AND AIAA CODES OF PRACTICE.

2. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE AIAA, AIA, AND AIAA CODES OF PRACTICE.

3. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE AIAA, AIA, AND AIAA CODES OF PRACTICE.

4. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE AIAA, AIA, AND AIAA CODES OF PRACTICE.

5. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE AIAA, AIA, AND AIAA CODES OF PRACTICE.

6. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE AIAA, AIA, AND AIAA CODES OF PRACTICE.

7. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE AIAA, AIA, AND AIAA CODES OF PRACTICE.

8. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE AIAA, AIA, AND AIAA CODES OF PRACTICE.

9. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE AIAA, AIA, AND AIAA CODES OF PRACTICE.

10. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE AIAA, AIA, AND AIAA CODES OF PRACTICE.

GENERAL NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE AIAA, AIA, AND AIAA CODES OF PRACTICE.

2. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE AIAA, AIA, AND AIAA CODES OF PRACTICE.

3. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE AIAA, AIA, AND AIAA CODES OF PRACTICE.

4. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE AIAA, AIA, AND AIAA CODES OF PRACTICE.

5. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE AIAA, AIA, AND AIAA CODES OF PRACTICE.

6. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE AIAA, AIA, AND AIAA CODES OF PRACTICE.

7. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE AIAA, AIA, AND AIAA CODES OF PRACTICE.

8. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE AIAA, AIA, AND AIAA CODES OF PRACTICE.

9. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE AIAA, AIA, AND AIAA CODES OF PRACTICE.

10. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE AIAA, AIA, AND AIAA CODES OF PRACTICE.

KEY PLAN

1 2 3 4

S02.01.05

FOUNDATION PLAN - LEVEL 1B2 - ZONE 5

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

DATE: 8/3/2010

PROJECT: PORTLAND INTERNATIONAL SEAPORT TERMINAL EXPANSION

DESIGNER: GENSLER

DATE: 8/3/2010

PROJECT: PORTLAND INTERNATIONAL SEAPORT TERMINAL EXPANSION

DESIGNER: GENSLER

1/2

557-14
8/3

SHEET NOTES

Portland International
Jetport
1001 Westbrook Street
Portland, Maine 04102

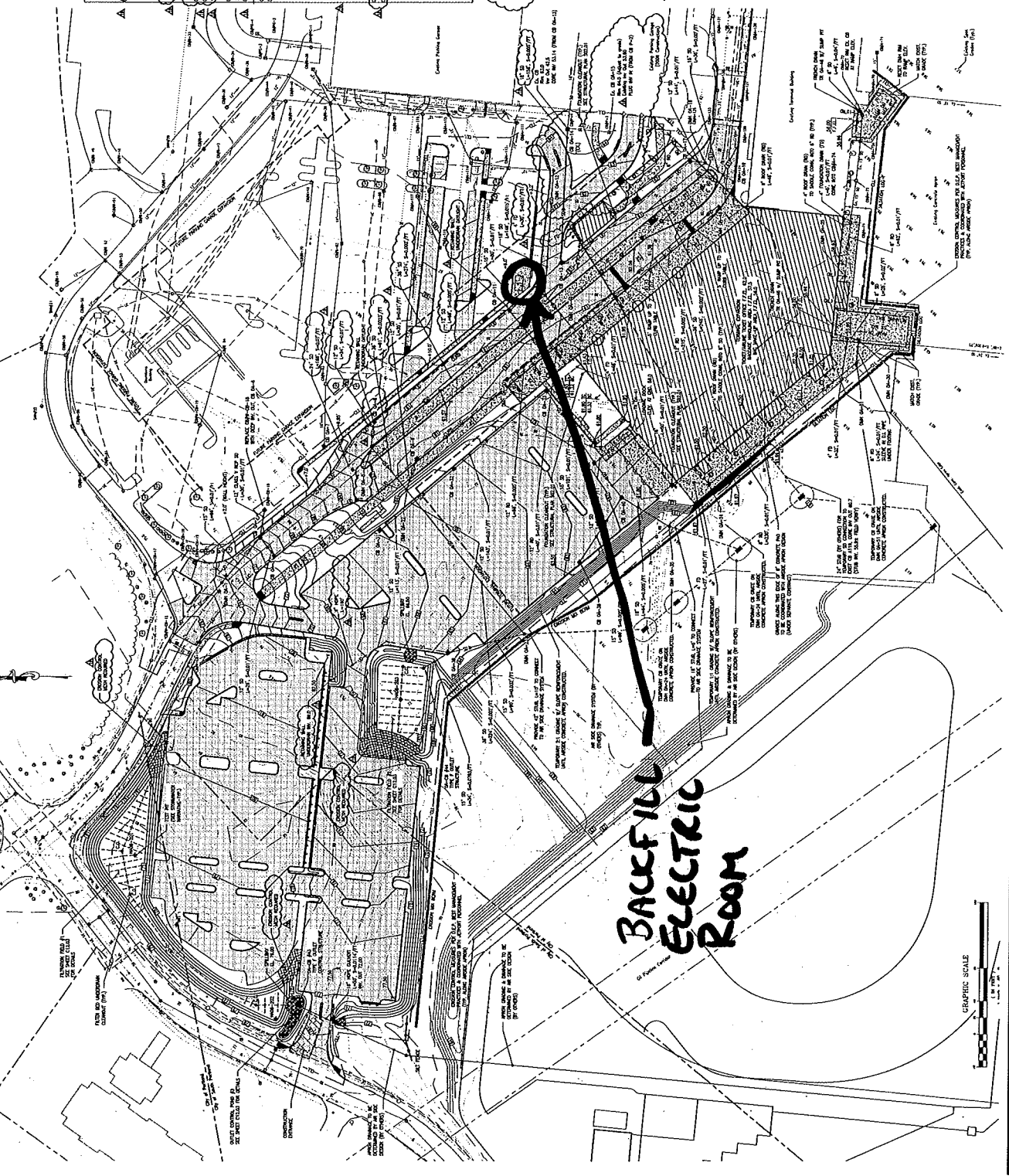
Gensler
west ASSOCIATES, INC.
ENGINEERS • ARCHITECTS • INTERIOR DESIGNERS • CONSTRUCTION MANAGERS

Revisions Schedule

NO.	DATE	DESCRIPTION
1	07/27/00	ISSUE FOR PERMIT
2	07/27/00	ISSUE FOR PERMIT
3	07/27/00	ISSUE FOR PERMIT
4	07/27/00	ISSUE FOR PERMIT
5	07/27/00	ISSUE FOR PERMIT
6	07/27/00	ISSUE FOR PERMIT
7	07/27/00	ISSUE FOR PERMIT
8	07/27/00	ISSUE FOR PERMIT
9	07/27/00	ISSUE FOR PERMIT
10	07/27/00	ISSUE FOR PERMIT
11	07/27/00	ISSUE FOR PERMIT
12	07/27/00	ISSUE FOR PERMIT
13	07/27/00	ISSUE FOR PERMIT
14	07/27/00	ISSUE FOR PERMIT
15	07/27/00	ISSUE FOR PERMIT
16	07/27/00	ISSUE FOR PERMIT
17	07/27/00	ISSUE FOR PERMIT
18	07/27/00	ISSUE FOR PERMIT
19	07/27/00	ISSUE FOR PERMIT
20	07/27/00	ISSUE FOR PERMIT
21	07/27/00	ISSUE FOR PERMIT
22	07/27/00	ISSUE FOR PERMIT
23	07/27/00	ISSUE FOR PERMIT
24	07/27/00	ISSUE FOR PERMIT
25	07/27/00	ISSUE FOR PERMIT
26	07/27/00	ISSUE FOR PERMIT
27	07/27/00	ISSUE FOR PERMIT
28	07/27/00	ISSUE FOR PERMIT
29	07/27/00	ISSUE FOR PERMIT
30	07/27/00	ISSUE FOR PERMIT
31	07/27/00	ISSUE FOR PERMIT
32	07/27/00	ISSUE FOR PERMIT
33	07/27/00	ISSUE FOR PERMIT
34	07/27/00	ISSUE FOR PERMIT
35	07/27/00	ISSUE FOR PERMIT
36	07/27/00	ISSUE FOR PERMIT
37	07/27/00	ISSUE FOR PERMIT
38	07/27/00	ISSUE FOR PERMIT
39	07/27/00	ISSUE FOR PERMIT
40	07/27/00	ISSUE FOR PERMIT
41	07/27/00	ISSUE FOR PERMIT
42	07/27/00	ISSUE FOR PERMIT
43	07/27/00	ISSUE FOR PERMIT
44	07/27/00	ISSUE FOR PERMIT
45	07/27/00	ISSUE FOR PERMIT
46	07/27/00	ISSUE FOR PERMIT
47	07/27/00	ISSUE FOR PERMIT
48	07/27/00	ISSUE FOR PERMIT
49	07/27/00	ISSUE FOR PERMIT
50	07/27/00	ISSUE FOR PERMIT
51	07/27/00	ISSUE FOR PERMIT
52	07/27/00	ISSUE FOR PERMIT
53	07/27/00	ISSUE FOR PERMIT
54	07/27/00	ISSUE FOR PERMIT
55	07/27/00	ISSUE FOR PERMIT
56	07/27/00	ISSUE FOR PERMIT
57	07/27/00	ISSUE FOR PERMIT
58	07/27/00	ISSUE FOR PERMIT
59	07/27/00	ISSUE FOR PERMIT
60	07/27/00	ISSUE FOR PERMIT
61	07/27/00	ISSUE FOR PERMIT
62	07/27/00	ISSUE FOR PERMIT
63	07/27/00	ISSUE FOR PERMIT
64	07/27/00	ISSUE FOR PERMIT
65	07/27/00	ISSUE FOR PERMIT
66	07/27/00	ISSUE FOR PERMIT
67	07/27/00	ISSUE FOR PERMIT
68	07/27/00	ISSUE FOR PERMIT
69	07/27/00	ISSUE FOR PERMIT
70	07/27/00	ISSUE FOR PERMIT
71	07/27/00	ISSUE FOR PERMIT
72	07/27/00	ISSUE FOR PERMIT
73	07/27/00	ISSUE FOR PERMIT
74	07/27/00	ISSUE FOR PERMIT
75	07/27/00	ISSUE FOR PERMIT
76	07/27/00	ISSUE FOR PERMIT
77	07/27/00	ISSUE FOR PERMIT
78	07/27/00	ISSUE FOR PERMIT
79	07/27/00	ISSUE FOR PERMIT
80	07/27/00	ISSUE FOR PERMIT
81	07/27/00	ISSUE FOR PERMIT
82	07/27/00	ISSUE FOR PERMIT
83	07/27/00	ISSUE FOR PERMIT
84	07/27/00	ISSUE FOR PERMIT
85	07/27/00	ISSUE FOR PERMIT
86	07/27/00	ISSUE FOR PERMIT
87	07/27/00	ISSUE FOR PERMIT
88	07/27/00	ISSUE FOR PERMIT
89	07/27/00	ISSUE FOR PERMIT
90	07/27/00	ISSUE FOR PERMIT
91	07/27/00	ISSUE FOR PERMIT
92	07/27/00	ISSUE FOR PERMIT
93	07/27/00	ISSUE FOR PERMIT
94	07/27/00	ISSUE FOR PERMIT
95	07/27/00	ISSUE FOR PERMIT
96	07/27/00	ISSUE FOR PERMIT
97	07/27/00	ISSUE FOR PERMIT
98	07/27/00	ISSUE FOR PERMIT
99	07/27/00	ISSUE FOR PERMIT
100	07/27/00	ISSUE FOR PERMIT

GENERAL NOTES

- ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF PORTLAND, MAINE, AND THE STATE OF MAINE, AND THE FEDERAL AVIATION ADMINISTRATION (FAA) REGULATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF PORTLAND, MAINE, AND THE FEDERAL AVIATION ADMINISTRATION (FAA).
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES.
- ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AND AIRPORT OPERATIONS.
- ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE CITY OF PORTLAND, MAINE, AND THE FEDERAL AVIATION ADMINISTRATION (FAA).
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF ALL PERSONNEL AND THE PUBLIC.
- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE CITY OF PORTLAND, MAINE, AND THE STATE OF MAINE, AND THE FEDERAL AVIATION ADMINISTRATION (FAA) REGULATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF PORTLAND, MAINE, AND THE FEDERAL AVIATION ADMINISTRATION (FAA).
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES.
- ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AND AIRPORT OPERATIONS.
- ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE CITY OF PORTLAND, MAINE, AND THE FEDERAL AVIATION ADMINISTRATION (FAA).
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF ALL PERSONNEL AND THE PUBLIC.
- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE CITY OF PORTLAND, MAINE, AND THE STATE OF MAINE, AND THE FEDERAL AVIATION ADMINISTRATION (FAA) REGULATIONS.



**BACKFILL
ELECTRIC
ROOM**



PROJECT: PORTLAND INTERNATIONAL JETPORT
SHEET: 557-14
DATE: 07/27/00
DRAWN BY: [Name]
CHECKED BY: [Name]
SCALE: AS SHOWN

2/2

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: 8/5/2010
 Technician: MJK
 Gauge Model/Serial Number: L 500

Report Issue Date: **AUG 27 2010**

Test No.	Location	Elevation	ASTM D6938 Dry Density (pcf)	ASTM D6938 Water Content (%)	Percent of Max. (%)	Lab. No.
1	Y8/XK Outside	TOW -6'	133.0	6	100+	11175
2	Y8/XH Outside	TOW -4'	129.6	3	100	11175
3	Y8/XH.5 Outside	TOW -3'	129.5	5	100	11175
4	Y8/XL Outside	TOW -5'	124.8	3	96	11175
5	Y8/Elevator Pit	TOW -6.5'	126.2	3	97	11175
6	Y8/XL Inside	TOW -6.5'	124.4	3	96	11175
7	E side FTG @ XL/Y3	TOF	123.1	4	95	11175
8	NE side FTG @ XL/Y3	TOF	125.8	3	97	11175
9	Y8/Elevator Pit	TOW -5'	126.6	3	98	11175
10	Y8/XL Inside	TOW -5'	128.2	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
 BOW = Bottom of Wall
 BOF = Bottom of Footing
 SG = Subgrade

Checked by: 

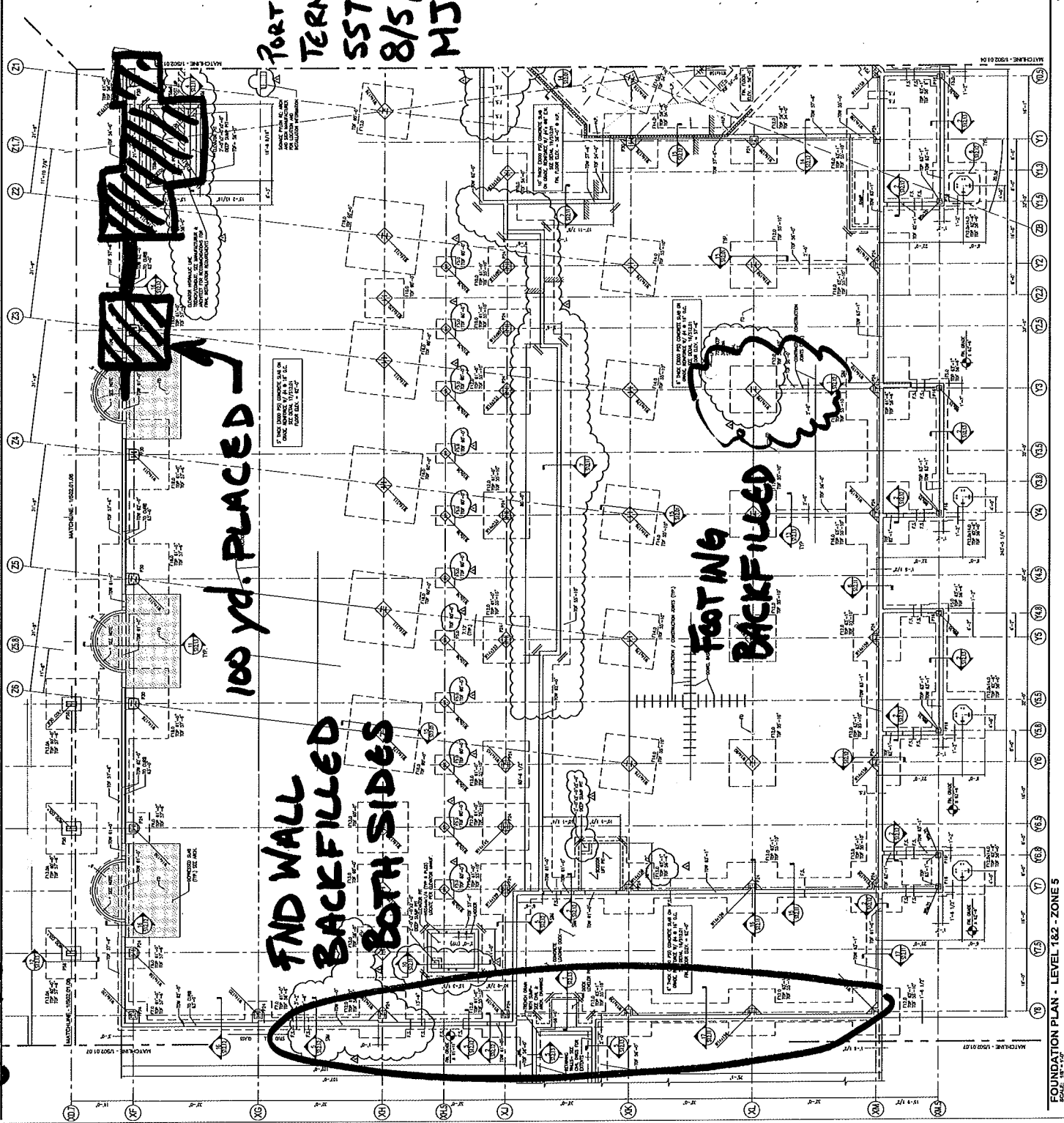
CONC + IRD

**END WALL
BACKFILLED
BOTH SIDES**

100 yd. PLACED

**FOOTING
BACKFILLED**

**PORTLAND INT'L SEAPORT
TERMINAL EXPANSION
SS7-14
8/15/2010
MSK**



SHEET NOTES
1. VERIFY EXISTING CITY OF PORTLAND MAPS AND RECORDS FOR ALL UTILITIES AND STRUCTURES TO BE MAINTAINED OR REMOVED.
2. VERIFY EXISTING CITY OF PORTLAND MAPS AND RECORDS FOR ALL UTILITIES AND STRUCTURES TO BE MAINTAINED OR REMOVED.
3. VERIFY EXISTING CITY OF PORTLAND MAPS AND RECORDS FOR ALL UTILITIES AND STRUCTURES TO BE MAINTAINED OR REMOVED.
4. VERIFY EXISTING CITY OF PORTLAND MAPS AND RECORDS FOR ALL UTILITIES AND STRUCTURES TO BE MAINTAINED OR REMOVED.
5. VERIFY EXISTING CITY OF PORTLAND MAPS AND RECORDS FOR ALL UTILITIES AND STRUCTURES TO BE MAINTAINED OR REMOVED.
6. VERIFY EXISTING CITY OF PORTLAND MAPS AND RECORDS FOR ALL UTILITIES AND STRUCTURES TO BE MAINTAINED OR REMOVED.
7. VERIFY EXISTING CITY OF PORTLAND MAPS AND RECORDS FOR ALL UTILITIES AND STRUCTURES TO BE MAINTAINED OR REMOVED.
8. VERIFY EXISTING CITY OF PORTLAND MAPS AND RECORDS FOR ALL UTILITIES AND STRUCTURES TO BE MAINTAINED OR REMOVED.
9. VERIFY EXISTING CITY OF PORTLAND MAPS AND RECORDS FOR ALL UTILITIES AND STRUCTURES TO BE MAINTAINED OR REMOVED.
10. VERIFY EXISTING CITY OF PORTLAND MAPS AND RECORDS FOR ALL UTILITIES AND STRUCTURES TO BE MAINTAINED OR REMOVED.

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

Gensler

IBEST ASSOCIATES, INC.
ENGINEERS-ARCHITECTS-INTERIOR DESIGNERS-CONSTRUCTION MANAGERS

PROJECT NO. 00000000
SHEET NO. 00000000
DATE: 08/15/2010

GENERAL NOTES
1. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
2. VERIFY EXISTING CITY OF PORTLAND MAPS AND RECORDS FOR ALL UTILITIES AND STRUCTURES TO BE MAINTAINED OR REMOVED.
3. VERIFY EXISTING CITY OF PORTLAND MAPS AND RECORDS FOR ALL UTILITIES AND STRUCTURES TO BE MAINTAINED OR REMOVED.
4. VERIFY EXISTING CITY OF PORTLAND MAPS AND RECORDS FOR ALL UTILITIES AND STRUCTURES TO BE MAINTAINED OR REMOVED.
5. VERIFY EXISTING CITY OF PORTLAND MAPS AND RECORDS FOR ALL UTILITIES AND STRUCTURES TO BE MAINTAINED OR REMOVED.
6. VERIFY EXISTING CITY OF PORTLAND MAPS AND RECORDS FOR ALL UTILITIES AND STRUCTURES TO BE MAINTAINED OR REMOVED.
7. VERIFY EXISTING CITY OF PORTLAND MAPS AND RECORDS FOR ALL UTILITIES AND STRUCTURES TO BE MAINTAINED OR REMOVED.
8. VERIFY EXISTING CITY OF PORTLAND MAPS AND RECORDS FOR ALL UTILITIES AND STRUCTURES TO BE MAINTAINED OR REMOVED.
9. VERIFY EXISTING CITY OF PORTLAND MAPS AND RECORDS FOR ALL UTILITIES AND STRUCTURES TO BE MAINTAINED OR REMOVED.
10. VERIFY EXISTING CITY OF PORTLAND MAPS AND RECORDS FOR ALL UTILITIES AND STRUCTURES TO BE MAINTAINED OR REMOVED.

KEY PLAN

FOUNDATION PLAN - LEVEL 1&2 - ZONE 5

1/8" = 1'-0"

502.01.05

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: 8/6/2010
 Technician: MJK
 Gauge Model/Serial Number: L 500

Lab No.	Soil Description	ASTM D1557 Max Density	ASTM D1557 Opt. Moisture
11175	Type D Gravel	129.8	8.4
11177	On Site Type D Gravel	134.8	6.4

Report Issue Date:

Test No.	Location	Elevation	ASTM D6938 Dry Density (pcf)	ASTM D6938 Water Content (%)	Percent of Max. (%)	Lab. No.
1	W corner FTG @ Y2/XL	TOF	123.4	3	95	11175
2	E side FTG @ Y2/XL	TOF	126.4	5	97	11175
3	N side FTG @ Y2/XL	TOF	127.5	4	98	11175
4	N side FTG @ Y2/XK	TOF	127.1	4	98	11175
5	Y4.5/XM.5	TOW -5'	124.1	4	96	11175
6	Y4.5/XM.5	TOW -4'	124.7	5	96	11175
7	Y4.5/XM.5	TOW -3'	123.8	4	95	11175
8	Y5/Outside of XM.5	TOW -5'	123.3	3	95	11175
9	Outside Y8/XH	TOW -6'	128.4	4	95	11177
10	Outside Y8/XF	TOW -4'	128.0	4	95	11177
11	Y4.5/XM.5	TOW -2'	127.8	3	95	11177
12	Y5/Outside of XM.5	TOW -4'	127.6	5	95	11177

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:



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: 8/6/2010
 Technician: MJK
 Gauge Model/Serial Number: L 500

Lab No.	Soil Description	ASTM D1557 Max Density	ASTM D1557 Opt. Moisture
11175	Type D Gravel	129.8	8.4
11177	On Site Type D Gravel	134.8	6.4


Report Issue Date:

Test No.	Location	Elevation	ASTM D6938 Dry Density (pcf)	ASTM D6938 Water Content (%)	Percent of Max. (%)	Lab. No.
13	Outside Y8/ XG	TOW -4'	133.2	5	99	11177
14	Y5.5/Outside of XM.5	TOW -3'	133.0	4	99	11177
15	Outside Y8/ XF	TOW -3'	133.3	5	99	11177
16	Y5.5/Outside of XM.5	TOW -2'	133.6	6	99	11177
17	E corner FTG @ Y4/XL	TOF	128.4	5	95	11177
18	W corner FTG @ Y4/XL	TOF	132.2	6	98	11177

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 04102

Gensler

MEET ASSOCIATES, INC.
ARCHITECTS

**PORTLAND INT'L JETPORT
TERMINAL EXPANSION**
SS7-14
8/6/2010
MSK

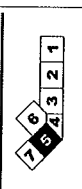
SHEET NOTES

- 1. VERIFY EXISTING UTILITIES BY SHOWN OR SHOWN BY OTHERS.
- 2. EXISTING UTILITIES TO BE REMOVED OR RELOCATED SHALL BE SHOWN BY OTHERS.
- 3. EXISTING UTILITIES TO BE MAINTAINED SHALL BE SHOWN BY OTHERS.
- 4. EXISTING UTILITIES TO BE MAINTAINED SHALL BE SHOWN BY OTHERS.
- 5. EXISTING UTILITIES TO BE MAINTAINED SHALL BE SHOWN BY OTHERS.
- 6. EXISTING UTILITIES TO BE MAINTAINED SHALL BE SHOWN BY OTHERS.
- 7. EXISTING UTILITIES TO BE MAINTAINED SHALL BE SHOWN BY OTHERS.
- 8. EXISTING UTILITIES TO BE MAINTAINED SHALL BE SHOWN BY OTHERS.
- 9. EXISTING UTILITIES TO BE MAINTAINED SHALL BE SHOWN BY OTHERS.
- 10. EXISTING UTILITIES TO BE MAINTAINED SHALL BE SHOWN BY OTHERS.
- 11. EXISTING UTILITIES TO BE MAINTAINED SHALL BE SHOWN BY OTHERS.
- 12. EXISTING UTILITIES TO BE MAINTAINED SHALL BE SHOWN BY OTHERS.
- 13. EXISTING UTILITIES TO BE MAINTAINED SHALL BE SHOWN BY OTHERS.
- 14. EXISTING UTILITIES TO BE MAINTAINED SHALL BE SHOWN BY OTHERS.
- 15. EXISTING UTILITIES TO BE MAINTAINED SHALL BE SHOWN BY OTHERS.
- 16. EXISTING UTILITIES TO BE MAINTAINED SHALL BE SHOWN BY OTHERS.
- 17. EXISTING UTILITIES TO BE MAINTAINED SHALL BE SHOWN BY OTHERS.
- 18. EXISTING UTILITIES TO BE MAINTAINED SHALL BE SHOWN BY OTHERS.
- 19. EXISTING UTILITIES TO BE MAINTAINED SHALL BE SHOWN BY OTHERS.
- 20. EXISTING UTILITIES TO BE MAINTAINED SHALL BE SHOWN BY OTHERS.

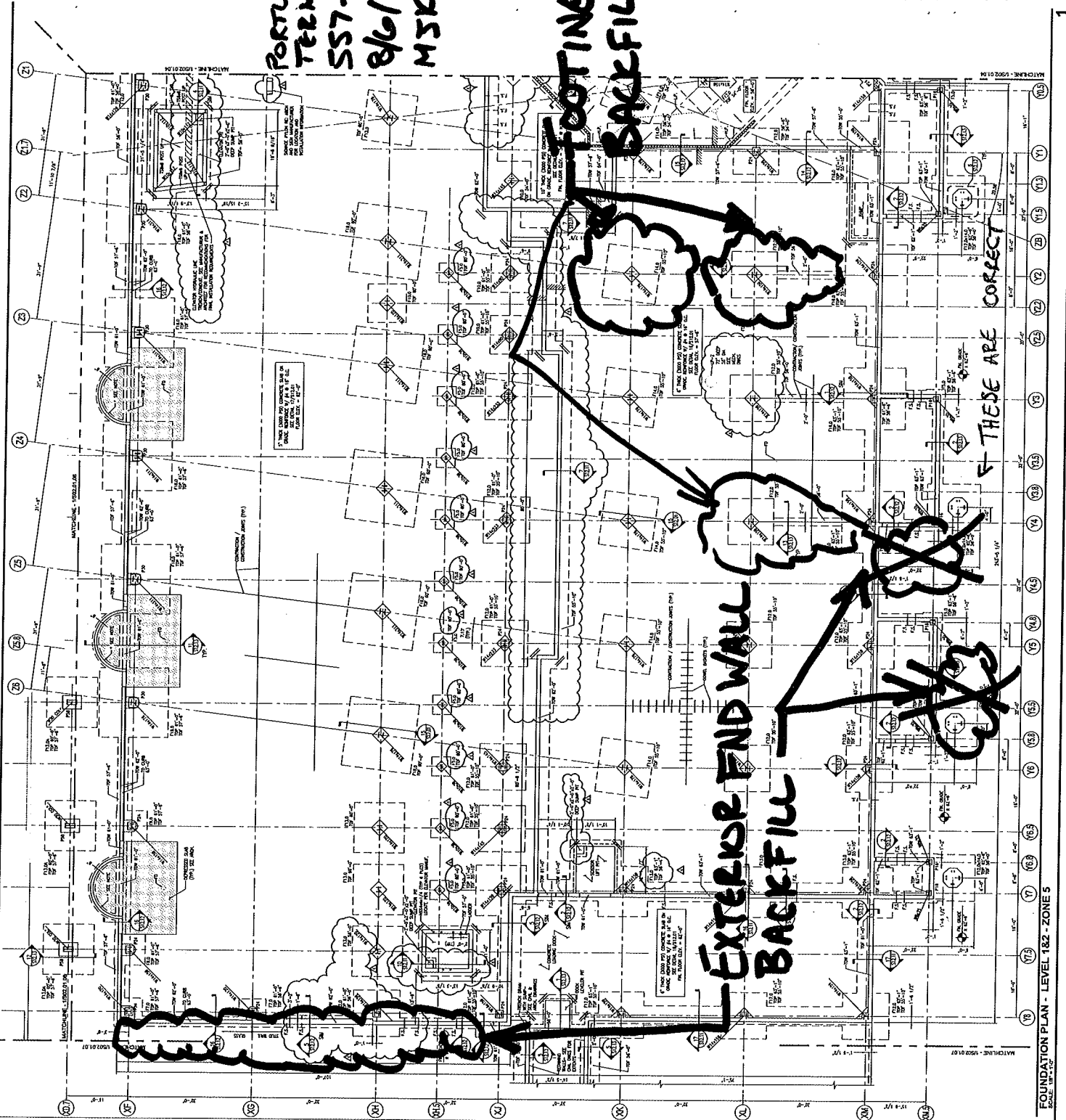
GENERAL NOTES

- 1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE INTERNATIONAL RESIDENTIAL CODE (IRC).
- 2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE INTERNATIONAL RESIDENTIAL CODE (IRC).
- 3. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE INTERNATIONAL RESIDENTIAL CODE (IRC).
- 4. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE INTERNATIONAL RESIDENTIAL CODE (IRC).
- 5. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE INTERNATIONAL RESIDENTIAL CODE (IRC).
- 6. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE INTERNATIONAL RESIDENTIAL CODE (IRC).
- 7. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE INTERNATIONAL RESIDENTIAL CODE (IRC).
- 8. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE INTERNATIONAL RESIDENTIAL CODE (IRC).
- 9. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE INTERNATIONAL RESIDENTIAL CODE (IRC).
- 10. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE INTERNATIONAL RESIDENTIAL CODE (IRC).
- 11. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE INTERNATIONAL RESIDENTIAL CODE (IRC).
- 12. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE INTERNATIONAL RESIDENTIAL CODE (IRC).
- 13. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE INTERNATIONAL RESIDENTIAL CODE (IRC).
- 14. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE INTERNATIONAL RESIDENTIAL CODE (IRC).
- 15. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE INTERNATIONAL RESIDENTIAL CODE (IRC).
- 16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE INTERNATIONAL RESIDENTIAL CODE (IRC).
- 17. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE INTERNATIONAL RESIDENTIAL CODE (IRC).
- 18. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE INTERNATIONAL RESIDENTIAL CODE (IRC).
- 19. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE INTERNATIONAL RESIDENTIAL CODE (IRC).
- 20. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE INTERNATIONAL RESIDENTIAL CODE (IRC).

KEY PLAN



S02.01.05



FOUNDATION PLAN - LEVEL 1&2 - ZONE 5