



Report of Field Density

ASTM D2922

Project: PORTLAND - THE INN AT CEDARS - MATERIALS TESTING

Project Number: 07-0503

Client: THE OSHER INN AT CEDARS

Field Density Test Results

Test #	Test Date	Tech	Test Location	Elev Feet	Test Depth	Lab ID	Dry Density	Moisture Content Percent	Compaction Percent	Required Compaction
6	9/4/2007	DAC	10' N & 5' W OF BNW CORNER	7.25 BTOW	12	7106G	117.0	2.3	95.4	95
7	9/4/2007	DAC	12' S & 5' W OF BNW CORNER	3.5 BTOW	12	7106G	116.5	1.4	95.0	95
8	9/4/2007	DAC	10' N & 11' E OF BNW CORNER	6.5 BTOW	10	7106G	117.0	3.9	95.4	95
9	9/4/2007	DAC	7' W OF BNW CORNER	6.5 BTOW	10	7106G	116.9	4.3	95.4	95
10	9/4/2007	DAC	3' S & 3' W OF BNW CORNER	5.75 BTOW	10	7106G	120.3	7.6	98.1	95
11	9/4/2007	DAC	4' N & 6' E OF BNW CORNER	5.75 BTOW	10	7106G	117.3	6.8	95.7	95
12	9/4/2007	DAC	8' N & 6' E OF BSE CORNER	12 BTOW	6	7106G	120.0	2.8	97.9	95
13	9/4/2007	DAC	10' S & 9' E OF BNE CORNER	12 BTOW	6	7106G	118.0	2.8	96.2	95
14	9/4/2007	DAC	2' N & 8' E OF BSE CORNER	11.5 BTOW	6	7106G	119.5	3.5	97.5	95
15	9/4/2007	DAC	10' W OF BNW CORNER	5 BTOW	8	7106G	117.3	6.1	95.7	95
16	9/4/2007	DAC	8' N & 10' E OF BNW CORNER	5 BTOW	8	7106G	117.1	6.8	95.5	95
17	9/4/2007	DAC	10' S & 6' E OF BNE CORNER	11.5 BTOW	8	7106G	116.8	6.2	95.3	95
18	9/4/2007	DAC	3' N & 3' E OF BSE CORNER	11 BTOW	8	7106G	116.5	5.0	95.0	95
19	9/4/2007	DAC	12' S & 4' E OF BNE CORNER	11 BTOW	8	7106G	120.8	3.9	98.5	95
20	9/4/2007	DAC	3' S & 7' W OF BNW CORNER	4.25 BTOW	8	7106G	117.0	6.9	95.4	95
21	9/4/2007	DAC	12' N & 13' E OF BNW CORNER	4.25 BTOW	8	7106G	119.4	4.5	97.4	95
22	9/4/2007	DAC	5' S & 8' E OF BSE CORNER	9 BTOW	10	7106G	117.8	3.0	96.1	95
23	9/4/2007	DAC	15' S & 3' E OF BNE CORNER	9 BTOW	10	7106G	116.7	4.3	95.2	95
24	9/4/2007	DAC	2' N & 12' E OF BSE CORNER	8.25 BTOW	10	7106G	116.8	5.3	95.3	95
25	9/4/2007	DAC	5' S & 4' W OF BNW CORNER	3.5 BTOW	8	7106G	117.3	8.1	95.7	95
26	9/4/2007	DAC	13' N & 10' E OF BNW CORNER	3.5 BTOW	8	7106G	116.6	5.7	95.1	95
27	9/4/2007	DAC	7' S & 10' E OF BNE CORNER	8.25 BTOW	8	7106G	121.0	8.6	98.7	95
28	9/4/2007	DAC	4' N & 8' E OF BSE CORNER	7.5 BTOW	8	7106G	117.8	7.5	96.1	95
29	9/4/2007	DAC	5' S & 10' W OF BNW CORNER	3 BTOW	8	7106G	120.0	5.5	97.9	95



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30	9/4/2007	DAC	4' N & 8' E OF BNW CORNER	3 BTOW	8	7106G	118.2	3.9	96.4	95
31	9/4/2007	DAC	24' S & 5' E OF BNE CORNER	7.5 BTOW	8	7106G	116.9	8.5	95.4	95
32	9/4/2007	DAC	7' E OF BNE CORNER	7.5 BTOW	8	7106G	117.5	3.2	95.8	95
33	9/4/2007	DAC	3' N & 9' E OF BNW CORNER	2.5 BTOW	8	7106G	116.5	4.6	95.0	95
34	9/4/2007	DAC	2' S & 10' W OF BNW CORNER	2.5 BTOW	8	7106G	117.3	4.2	95.7	95

Laboratory Compaction Test Reference

Lab ID	Date Received	Material Source	Material Type	Method	Max Dry Density PCF	Optimum Moisture Content (%)	Comments
7106G	7/13/2007	inplace/Portland S&G Drainage-StoneDust	Structural Fill	ASTM D-1557 Modified A	122.6	9.3	

Elevation Notes:

Comments:

BSE- BASEMENT SE BNE- BASEMENT NE BSW- BASEMENT SW
 BNW- BASEMENT NW BTOW-BELOW TOP OF WALL


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Field Density Test Results

Test #	Test Date	Tech	Test Location	Elev Feet	Test Depth	Lab ID	Dry Density	Moisture Content Percent	Compaction Percent	Required Compaction
35	9/5/2007	DAC	8'S & 8'E OF (BNE) CORNER	7.5' BTOW	8	7106G	117.2	5.3	95.6	95
36	9/5/2007	DAC	10'N & 8'E OF (BSE) CORNER	7.5' BTOW	8	7106G	116.4	5.5	94.9	95
37	9/5/2007	DAC	6'S & 7'W OF BSE CORNER	10.5' BTOW	8	7106G	120.8	7.2	98.5	95
38	9/5/2007	DAC	6'S & 7'W OF BSE CORNER	10' BTOW	8	7106G	117.1	6.7	95.5	95
39	9/5/2007	DAC	10'S & 13'W OF BSE CORNER	9.75' BTOW	10	7106G	117.6	3.3	95.9	95
40	9/5/2007	DAC	12'S & 20'E OF BSE CORNER	9.75' BTOW	10	7106G	117.3	4.7	95.7	95
41	9/5/2007	DAC	15'S & 13'E OF BNE CORNER	7' BTOW	8	7106G	116.4	4.9	94.9	95
42	9/5/2007	DAC	10'N & 6'E OF BSE CORNER	7' BTOW	8	7106G	116.8	5.3	95.3	95
43	9/5/2007	DAC	3'S & 5'W OF BSE CORNER	9' BTOW	8	7106G	116.9	6.8	95.4	95
44	9/5/2007	DAC	12'S & 4'E OF BNE CORNER	6.5' BTOW	8	7106G	117.3	2.9	95.7	95
45	9/5/2007	DAC	16'N & 8'E OF BSE CORNER	6.5' BTOW	8	7106G	117.3	3.5	95.7	95
46	9/5/2007	DAC	7'S & 2'W OF BSE CORNER	8.5'	8	7106G	120.8	6.9	98.5	95
47	9/5/2007	DAC	3'S & 30'W OF BSE CORNER	9.5'	8	7106G	117.7	4.7	96.0	95
48	9/5/2007	DAC	4'S & 6'E OF BNE CORNER	6'BTOW	8	7106G	117.6	4.9	95.9	95
49	9/5/2007	DAC	12'N & 8'E OF BSE CORNER	6' BTOW	8	7106G	116.6	4.0	95.1	95
50	9/5/2007	DAC	5'S & 6'W OF BSE CORNER	8' BTOW	8	7106G	118.0	4.6	96.2	95
51	9/5/2007	DAC	8'S & 28'W OF BSE CORNER	9' BTOW	8	7106G	117.2	3.8	95.6	95
52	9/5/2007	DAC	5'N & 6'E OF BNE CORNER	5.25' BTOW	8	7106G	117.5	2.6	95.8	92
53	9/5/2007	DAC	11'N & 3'E OF BSE CORNER	5.25' BTOW	8	7106G	117.2	5.2	95.6	95
54	9/5/2007	DAC	5'S & 25'W F BSE	8' BTOW	8	7106G	118.1	4.1	96.3	95
55	9/5/2007	DAC	5'S & 6'E OF BNE CORNER	4.5' BTOW	8	7106G	118.1	3.3	96.3	95
56	9/5/2007	DAC	13'N & 14'E OF BSE CORNER	4.5' BTOW	8	7106G	117.7	4.9	96.0	95
57	9/5/2007	DAC	7'S & 7'W OF BSE	7' BTOW	12	7106G	116.8	6.7	95.3	95



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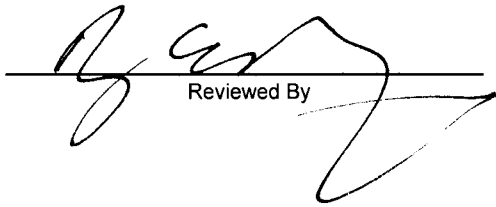
Laboratory Compaction Test Reference

Lab ID	Date Received	Material Source	Material Type	Method	Max Dry Density PCF	Optimum Moisture Content (%)	Comments
7106G	7/13/2007	inplace/Portland S&G Drainage-StoneDust	Structural Fill	ASTM D-1557 Modified A	122.6	9.3	

Elevation Notes:

BTOW=BELOW TOP OF WALL BNE=BASEMENT NE,
BSE=BASEMENT SE, BNW=BASEMENT NW,
BSW=BASEMENT SW

Comments:



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Test #	Test Date	Tech	Test Location	Elev Feet	Test Depth	Lab ID	Dry Density	Moisture Content Percent	Compaction Percent	Required Compaction
58	9/6/2007	DAC	7' S & 18' E OF BSW CORNER	4	12	7106G	116.5	2.8	95.0	95
				BTOW						
59	9/6/2007	DAC	15' S & 15' W OF BSE CORNER	3'	12	7106G	118.8	3.0	96.9	95
				BTOW						
60	9/6/2007	DAC	24' S & 3' W OF BSE CORNER	2'	12	7106G	116.5	2.5	95.0	95
				BTOW						
61	9/6/2007	DAC	18' S & 16' E OF BNE CORNER	1.5'	12	7106G	117.0	4.6	95.4	95
				BTOW						
62	9/6/2007	DAC	9' S & 4' E OF BSE CORNER	1.5'	12	7106G	116.5	5.8	95.0	95
				BTOW						

Laboratory Compaction Test Reference

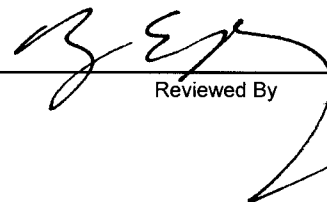
Lab ID	Date Received	Material Source	Material Type	Method	Max Dry Density PCF	Optimum Moisture Content (%)	Comments
7106G	7/13/2007	inplace/Portland S&G Drainage-StoneDust	Structural Fill	ASTM D-1557 Modified A	122.6	9.3	

Elevation Notes:

Comments:

BTOW- BELOW TOP OF WALL

BSW- BASEMENT SW


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