



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
1	7/19/2007	JLD	SUBGRADE BLDG. FILL	67'	10	7106G	115.5	4.8	94.2	95
2	7/19/2007	JLD	SUBGRADE BLDG. FILL	67'	10	7106G	117.4	5.0	95.7	95
3	7/19/2007	JLD	SUBGRADE BLDG. FILL	67'	10	7106G	119.8	4.5	97.7	95
4	7/19/2007	JLD	SUBGRADE BLDG. FILL	67'	10	7106G	118.7	4.4	96.8	95
5	7/19/2007	JLD	SUBGRADE BLDG. FILL	67'	10	7106G	120.8	4.8	98.5	95
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

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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
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
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'BTO W	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

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54	9/5/2007	DAC	5'S & 25'W F BSE	8'	8	7106G	118.1	4.1	96.3	95
				BTOW						
55	9/5/2007	DAC	5'S & 6'E OF BNE CORNER	4.5'	8	7106G	118.1	3.3	96.3	95
				BTOW						
56	9/5/2007	DAC	13'N & 14'E OF BSE CORNER	4.5'	8	7106G	117.7	4.9	96.0	95
				BTOW						
57	9/5/2007	DAC	7'S & 7'W OF BSE	7'	12	7106G	116.8	6.7	95.3	95
				BTOW						
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						
63	10/18/2007	DMR	UNIT 109	FG	10	7106G	121.8	5.1	99.3	95
64	10/18/2007	DMR	UNIT 108	FG	10	7106G	118.4	4.0	96.6	95
65	10/18/2007	DMR	LAUNDRY ROOM	FG	10	7106G	118.0	3.3	96.2	95
66	10/18/2007	DMR	UNIT 107	FG	10	7106G	118.5	2.1	96.7	95
67	10/18/2007	DMR	UNIT 113	FG	10	7106G	117.4	1.9	95.8	95
68	10/18/2007	DMR	UNIT 112	FG	10	7106G	117.6	2.3	95.9	95
69	10/18/2007	DMR	UNIT 110	FG	10	7106G	118.2	2.7	96.4	95
70	10/18/2007	DMR	DINING ROOM	FG	10	7106G	123.7	3.0	100.9	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:

FG=FINISH GRAVEL

Comments:


 Reviewed By