ENVIRONMENTAL HEALTH & ENGINEERING

Environmental Health & Engineering, Inc.

117 Fourth Avenue
Needham, MA
02494-2725

TEL 800-825-5343
781-247-4300
FAX 781-247-4305

www.eheinc.com

Home Inspection/Questionnair Form

House ID 82709AL02

Date 8/27/09

Field Technician(s) WBC, CJN, OTA

House Address (b)(6) FAIR HOPE, AL

General Weather Description RAIN, HUMID ≈ 80°F

1. Questionnaire

1) Interviewed home owner YES NO

2) Age of the House (years)

Completed July '06 moved in same month

3) Estimated Floor Area (sqft)

2900

4) Was as there any demo's to the house?

YES NO

If YES, when was it done? Please Explain.

5) Has there been any fire in the building?

YES NO

If YES, when did it happen? Please Explain.

6) Any pesticides/herbicides been applied around the building or in the yard?

YES NO

Contractor applied termite control 3 yrs ago soil treatment around foundation

If YES, when was it applied? Please list the type of chemicals used.

Spray for bugs inside as necessary few months ago

7) Has there been any recent painting/staining done in the home?

YES NO

If YES, when, where and what type of paint/stain was used?

November 08 – stairs/upstairs room – BR-4

8) Has any work been done on the AC system since construction?

YES NO

If YES, please describe?

6X Evap replaced, November 08 last time. Coated evap last time

9) Are all the AC system components original?

YES NO

If NO, please describe?

See above

10) What is the age of your refrigerator?

3 years

11) Has any piping been replaced in the home?

YES NO PVC

If YES, please describe?

2. Building Characteristics

1) Residential Type (Single/Multi-Family Building) If multi-family, how many units?

_____.

2) Number of rooms

4 BR 3.5 BATH 8 Rooms.

3) Above grade Construction

Wood Frame Concrete Stone Brick Other _____

4) Basement

Full Crawlspace Slab Other _____

5) Foundation

Concrete Cinder Block Stone Other SLAB

6) Garage

YES NO

If YES, Attached Detached

If YES, Used for Car Parking? YES NO

If YES, Any gas-powered equipment or cans of gasoline/fuels stored?

YES NO GENERATOR / LAWNMOWER / POWER WASH

7) Type of HVAC System

SPLIT SYSTEM DX.

Ma (b)(3):CPSA Section 6(b) Model _____ Condenser Model 2TWB0060A1000AB

8) Types of Fuel (circle all that apply)

Natural Gas Fuel Oil Kerosene Electric

Propane Solar Wood Coal

9) Water Supply

Public Well Other _____

10) Sewage

Public Septic Leach Field Other _____

11) Attic

Finished Unfinished over house + garage

3. Interior Characteristics

1) Any odors upon entering the building?

YES NO

If YES, describe _____

2) Fireplace

YES GAS NO

3) Floors (circle all that apply)

Hardwood Carpet Ceramic Tile Vinyl Tile

Unfinished Wood Unfinished Concrete Other _____

4) Walls (circle all that apply)

Wall Paper Paint Skim Coat Textured

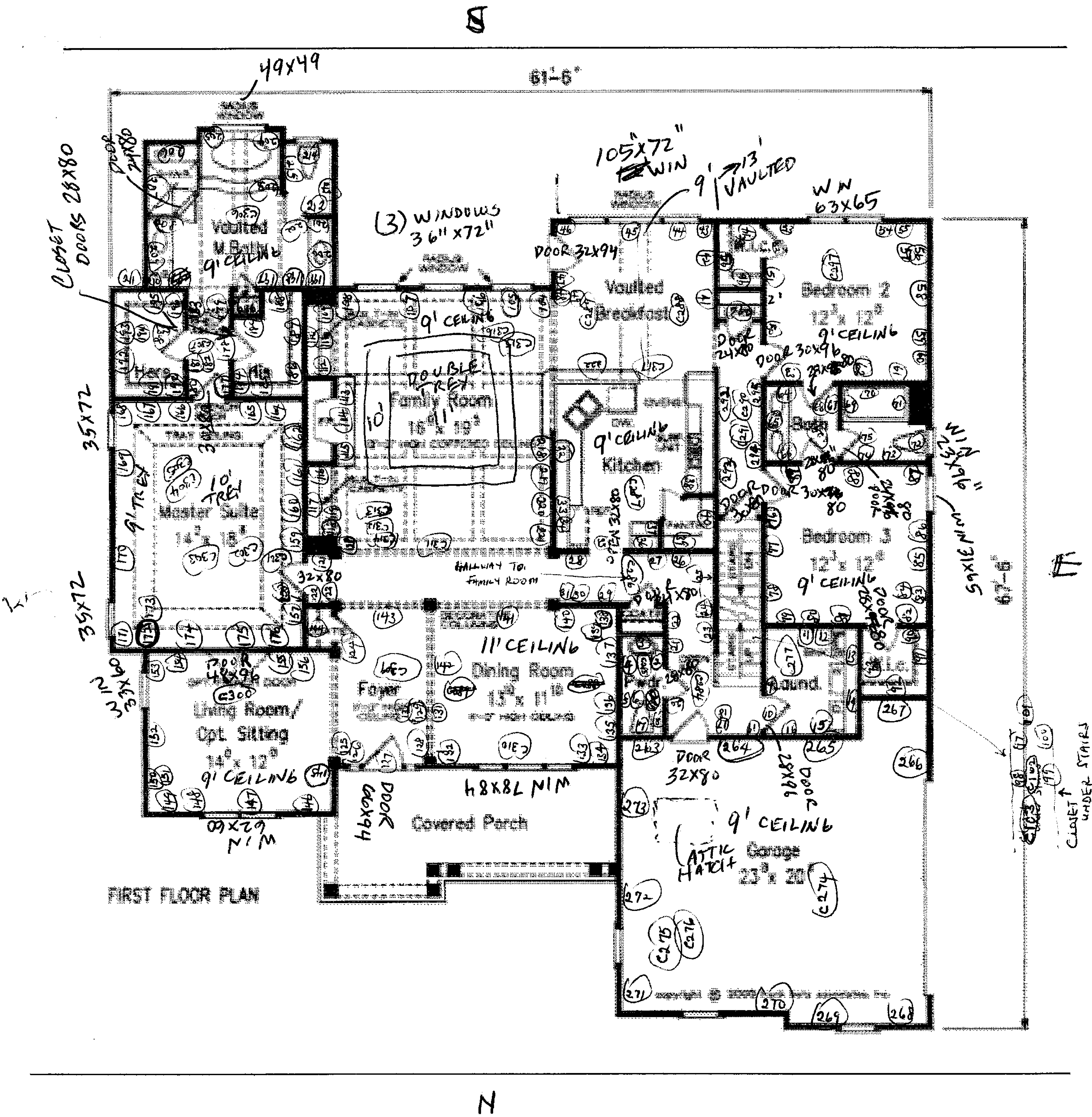
Wood or Wood Paneling Other _____

5) Ceiling (circle all that apply)

Wall Paper Paint Skim Coat Textured

Wood or Wood Paneling Other _____

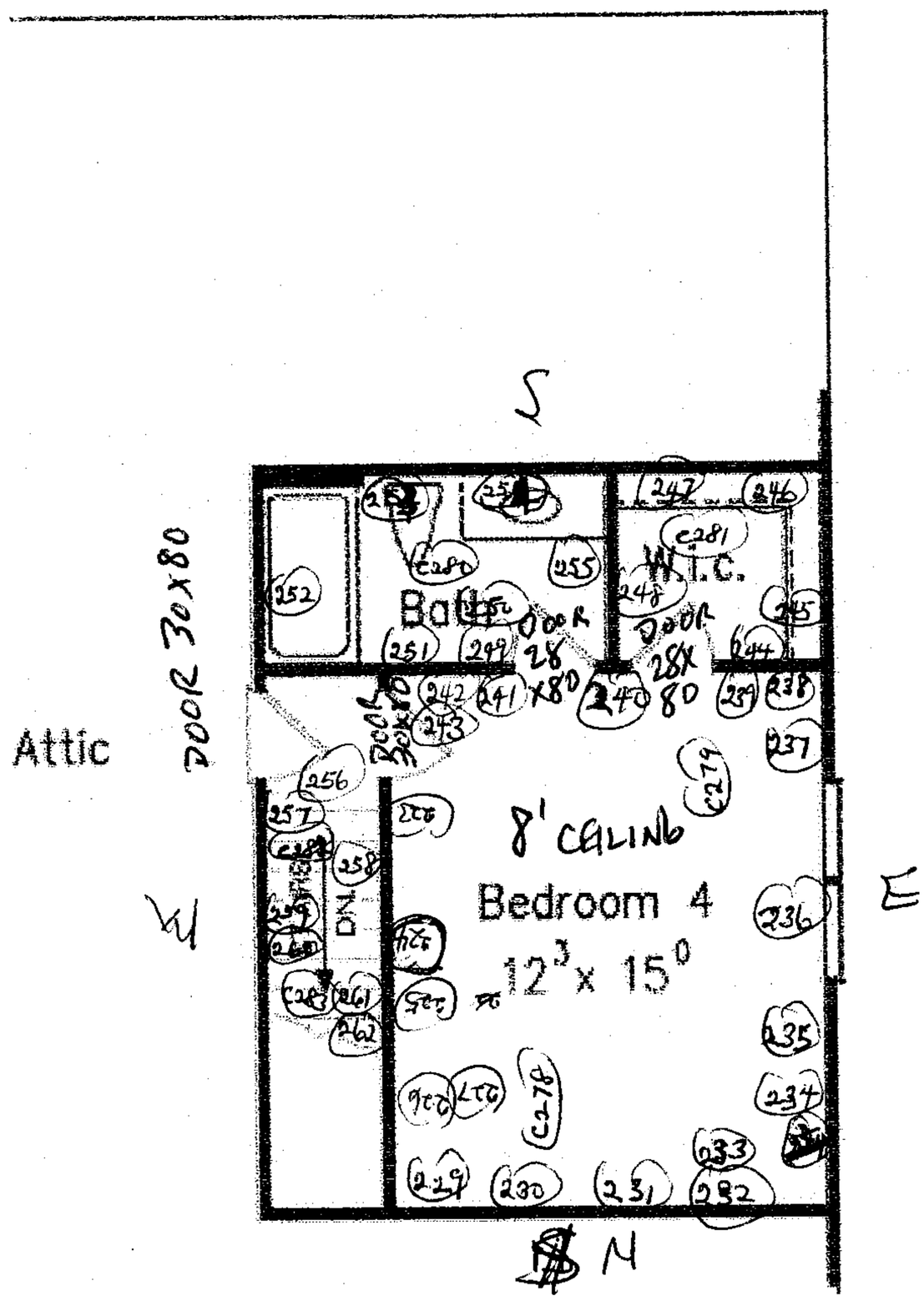
*Mirror Image of the house floor Plan ~~on~~ the east-west axis



FRANK BETZ ASSOCIATES INC.

Designed for Today's Market.

RANKINS - Upper Floor



OPT. SECOND FLOOR PLAN

Floorplans and Elevations are subject to change. Floorplan dimensions are approximate. Consult working drawings for actual dimensions and information. Elevations are artists' conceptions.

VOC SAMPL FIELD DATA

Page ___ ___

Environmental Health & Engineering, Inc.
117 Fourth Avenue, Needham, MA 02494
TEL: (781) 247-4300
FAX: (781) 247-4305

Client: CPSC

Date: 08/27/2008

Home Address: (b)(6)

Project#: 16512

Field Person(s): WEC, CJN, OTA

SAMPLE ID	CANISTER ID	FLOW CONTROL ID	GAUGE ID	FLOOR	LOCATION	SAMPLE TYPE	GAUGE PRESSURE START	START TIME	GUAGE PRESSURE END	END TIME	NOTES
103600	AC00843	FC00548	AVG00922	1	Living Room	S	PEGGED	9:09	9"	11:30	CONTROL HOUSE
103601	AC01303	FC00222	AVG00857	1	Living Room Dup	D	30"		5"		
103602	AC01334	FC00289	AVG01061	—	Outdoor	S	30"		5"		
103603	AC01167	FC00405	1094		Guest BR → BR 4	S	30"		6"		
103604	AC01319	FC00693	~~[illegible]~~ 972	—	Blank	MB					

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ACTIVE SAMPLE FIELD DATA

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Home Address: (b)(6)

Field Person(s): WEC, CJM, OTA

Date: 08/27/2009

Project#: 16512

ROTA ID #:

SAMPLE ID	FLOOR	LOCATION	TARGET ANALYTE	SAMPLE TYPE	PUMP ID	ROTA READ START	START TIME	ROTA READ END	END TIME	SAMPLE DURATION (MINS)	NOTES
103588		Living room	Inorganic	S	G10	.52	8:33	.43	12:02	202	
103589		Living room dup		D	G14	.54	↓	.46	↓	202	
103590		Outdoor		S	G7	.55	↓	.50	↓	204	
103591		Master BR		S	00	.53	↓	.41	↓	207	
103592		Guest BR		S	G11	.52	↓	.41	↓	208	
103593		Media Blank		MB							

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Date: 08/27/2009

Project#: 16512

ROTA ID #:

SAMPLE ID	FLOOR	LOCATION	TARGET ANALYTE	SAMPLE TYPE	PUMP ID	ROTA READ START	START TIME	ROTA READ END	END TIME	SAMPLE DURATION (MINS)	NOTES
103594		Living Room	Organic	S	G15	.52	8:33	.45	12:02	201	
103595		Living Room Dup		D	G13	.52		.45		203	
103596		Outdoor		S	G16	.54		.46		204	
103597		Master BR		S	P02	.55		.48		207	
103598		Guest BR		S	G4	.52		.43		209	
103599		Media Blank		MB							

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ROTA ID #:

SAMPLE ID	FLOOR	LOCATION	TARGET ANALYTE	SAMPLE TYPE	PUMP ID	ROTA READ START	START TIME	ROTA READ END	END TIME	SAMPLE DURATION (MINS)	NOTES
103582		Living room	Aldehyde	S	G05	.52	8:33	.48	12:02	202	
103583		Living room dup		D	G08	.53	↓	.47	↓	202	
103584		Outdoor		S	G06	.52	↓	.47	↓	203	
103585		~~Guest~~ Master BR		S	G17	.53	↓	.44	↓	206	
103586		Guest BR		S	G09	.50	↓	.41	↓	208	
103610 ~~103587~~		Media Blank		MB							Sample ID -> 103610
103587											Discarded.

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Date: 08/27/2009

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ROTA ID #:

SAMPLE ID	FLOOR	LOCATION	TARGET ANALYTE	SAMPLE TYPE	PUMP ID	ROTA READ START	START TIME	ROTA READ END	END TIME	SAMPLE DURATION (MINS)	NOTES
103605	1	LIVING ROOM	REDUCED SULFUR				16:00			30-SEC GRAB	
103606	1	DUP 103605									
103607	—	OUTDOOR									
103608	1	MASTER BR									
103609	1	BR-4 - SECOND FLOOR									

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XRF SCAN FIELD DATA

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Home Address (b)(6)

Field Person(s): WEC, CJM, OTA

Date: 08/27/2009
Project#: 16512

XRF Serial #: 10755
XRF Scan Time 30 sec

LOCATION ID	FLOOR	LOCATION	WALL COOR.	SAMPLE LOCATION	SURFACE TYPE	Wall ID	SAMPLE TYPE	SAMPLE SIZE	TIME	XRF Reading	NOTES
2	1	Powder Room	E	(switch) 48in	Slightly Textured		Scan		851	225	
3	1	"	S	6ft					856	247	
4	1	"	W	4ft					857	411	
5	1	"	W	2ft					858	248	
6	1	Dup of 5	W	2ft					858	224	
7	1	Powder Room	N	4ft					859	415	
8	1	"	E	6ft					900	231	
9	1	Laundry	W	(Switch) 48in					901	225	
10	1	"	W	7ft					901	212	
11	1	"	S	(outlet) 18in					902	220	
12	1	"	S	6ft					903	234	
13	1	"	E	4ft					903	214	
14	1	"	E	2ft					904	251	
15	1	"	N	6ft					905	223	
16	1	"	N	2ft					905	227	
17	1	Hallway to Family Room	N	(switch) 48in					909	264	
18	1	Dup of 17	N	(switch) 48in					909	269	
19	1	Hallway to Family room	N	6ft					910	203	
20	1	"	W	4ft					911	393	

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XRF SCAN FIELD DATA

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Home Address: (b)(6)

Field Person(s): WEC, CJN, OTA

Date: 08/27/2009
Project#: 16512

XRF Serial #: 10755
XRF Scan Time

LOCATION ID	FLOOR	LOCATION	WALL COOR.	SAMPLE LOCATION	SURFACE TYPE	Wall ID	SAMPLE TYPE	SAMPLE SIZE	TIME	XRF Reading	NOTES
21	1	Hallway to family room	W	6ft	slightly textured		Scan		912	267	
22	1	"	W	2ft					912	218	
23	1	"	E	6ft					913	334	
24*	1	"	E	(outlet) 18in					914	228	
25	1	Dup of 24	E	(outlet) 18in					914	240	
26	1	Hallway to Family room	S	6ft					915	241	
27	1	"	S	(switch) 48in					916	234	
28	1	"	S	4ft					917	345	
29	1	"	S	4ft					917	385	
30	1	"	S	6ft					918	232	
31	1	"	S	(outlet) 18in					918	224	
32*	1	kitchen	W	(switch) 48in					919	457	The east wall in kitchen
33	1	"	W	(outlet) 48in					920	243	mostly covered
34	1	"	W	(outlet) 48in					921	217	
35	1	"	N	7ft					922	229	Sample over opening
36	1	"	N	(switch) 48in					922	304	
37	1	"	E	6ft					923	355	
38	1	"	N	6ft					924	394	
39	1	kitchen Pantry	N	6ft					925	220	

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XRF SCAN FIELD DATA

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Field Person(s): KEC, CJM, OTA

Date: 08/27/2009
Project#: 16512

XRF Serial #: 10755
XRF Scan Time

LOCATION ID	FLOOR	LOCATION	WALL COOR.	SAMPLE LOCATION	SURFACE TYPE	Wall ID	SAMPLE TYPE	SAMPLE SIZE	TIME	XRF Reading	NOTES
40	1	Kitchen Pantry	N	4ft	Slightly textured		Scan		926	321	
41	1	Vaulted Breakfast	E	(switch) 48in					927	231	
42	1	"	E	6ft					928	199	
43	1	"	S	4ft					929	320	
44	1	"	S	8ft					931	283	
45	1	"	S	(outlet) 18in					932	218	
46	1	"	S	6ft					933	250	
47	1	"	W	(switch) 48in					934	249	
48*	1	"	W	(outlet) 18in					934	229	
49	1	Dup of 48	W	(outlet) 18in					935	255	
50	1	Bedroom 2	W	(switch) 48in					936	237	
51	1	"	W	2ft					937	232	
52	1	"	W	7ft					938	204	Over the door
53	1	"	S	4ft					938	394	
54	1	"	S	(outlet) 18in					939	258	
55	1	"	S	6ft					940	230	
56	1	"	E	4ft					941	317	
57	1	Dup of 56	E	4ft					941	319	
58	1	Bedroom 2	E	6ft					942	203	

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Date: 08/27/2009
Project#: 16512

XRF Serial #: 10755
XRF Scan Time

LOCATION ID	FLOOR	LOCATION	WALL COOR.	SAMPLE LOCATION	SURFACE TYPE	Wall ID	SAMPLE TYPE	SAMPLE SIZE	TIME	XRF Reading	NOTES
59	1	Bedroom 2	E	(outlet) 18in	Slightly textured		Scan		943	196	
60	1	"	E	6ft					943	242	
61	1	"	N	6ft					944	258	
62*	1	"	N	(outlet) 18in					946	227	
63	1	"	N	4ft					946	394	
64	1	Bath btw BR 2&3	S	(switch) 48in					947	232	
65	1	"	W	7ft					948	231	
66*	1	"	N	(outlet) 48in					949	247	
67	1	"	E	(switch) 48in					950	204	
68	1	Dup of 68	E	(switch) 48in					950	201	
69	1	Bath btw BR 2&3	W	4ft					951	382	
70	1	"	S	6ft					952	240	
71	1	"	E	6ft					953	215	
72	1	"	E	4ft					954	218	
73	1	"	N	6ft					954	249	
74	1	"	N	2ft					955	248	
75	1	Dup of 74	N	2ft					955	225	
76*	1	Bedroom 3	W	(switch) 48in					956	229	
77	1	"	W	6ft					957	220	

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XRF Scan Time

LOCATION ID	FLOOR	LOCATION	WALL COOR.	SAMPLE LOCATION	SURFACE TYPE	Wall ID	SAMPLE TYPE	SAMPLE SIZE	TIME	XRF Reading	NOTES
78	1	Bedroom 3	W	4ft	Slightly textured		Scan		958	386	
79	1	"	N	4ft					10:00	379	
80	1	"	N	(outlet) 18in					10:00	227	
81	1	"	N	6ft					10:01	217	
82	1	"	N	4ft					10:01	241	
83	1	"	E	(outlet) 18in					10:02	208	
84	1	Dup of 83	E	(outlet) 18in					10:03	222	
85	1	Bedroom 3	E	6ft					10:03	282	
86	1	"	E	(outlet) 18in					10:04	286	
87	1	"	S	4ft					10:05	209	
88	1	"	S	6ft					10:06	223	
89	1	"	S	2ft					10:06	228	
90	1	Bedroom 3 Closet	S	(switch) 48in					10:07	218	
91	1	"	E	2ft					10:08	218	
92	1	"	N	6ft					10:09	233	
93	1	"	N	4ft					10:09	412	
94	1	Bedroom 2 Closet	S	4ft					10:10	425	
95	1	Bedroom 2 Closet	W	2ft					10:11	242	
96	1	"	N	6ft					10:11	217	

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XRF Scan Time

LOCATION ID	FLOOR	LOCATION	WALL COOR.	SAMPLE LOCATION	SURFACE TYPE	Wall ID	SAMPLE TYPE	SAMPLE SIZE	TIME	XRF Reading	NOTES
97	1	Closet under stairs	W	6ft	slightly textured		Scan		10:13	248	
98	1	"	W	4ft					10:14	386	
99	1	"	~~E~~	2ft					10:15	244	
100	1	"	E	(switch) 48in					10:16	293	
101	1	"	S	7ft					10:16	1085	Over the door
102	1	"	C	Ceiling					10:17	1000	
103	1	"	C	"					10:18	1242	
104	1	Family Room	S	(switch) 48in					10:20	223	
105	1	"	S	(outlet) 18in					10:23	230	
106	1	"	S	6ft					10:25	227	
107	1	"	S	8ft					10:26	1188	
108	1	"	S	4ft					10:27	237	
109	1	"	S	6ft					10:28	362	
110	1	"	W	4ft					10:29	212	
111	1	Dup of 110	W	4ft					10:29	210	
112	1	Family room	N	(switch) 48in					10:30	457	
113	1	"	W	2ft					10:31	482	
114	1	"	W	6ft					10:32	215	
115	1	"	W	4ft					10:33	411	

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LOCATION ID	FLOOR	LOCATION	WALL COOR.	SAMPLE LOCATION	SURFACE TYPE	Wall ID	SAMPLE TYPE	SAMPLE SIZE	TIME	XRF Reading	NOTES
116	1	Family room	S	6ft	Slightly textured		Scan		1034	448	
117	1	"	W	4ft					1034	270	
118	1	"	N	(outlet) 18in					1035	423	
119	1	Dup of 118	N	(outlet) 18in					1036	439	
120	1	Family room	W	2ft					1036	457	
121	1	"	S	(switch) 48in					1037	218	
122	1	"	N	6ft					1038	262	
123	1	"	N	2ft					1038	206	
124	1	Foyer	W	4ft					1039	1253	
125	1	"	W	6ft					1040	1033	
126	1	"	W	(outlet) 18in					1041	1156	
127	1	"	N	9ft					1042	995	
128	1	"	E	(switch) 48in					1043	1058	
129	1	"	E	(outlet) 18in					1044	1176	
130	1	Dup of 129	E	(outlet) 18in					1044	1207	
131	1	Dining room	W	2ft					1047	220	
132	1	"	N	4ft					1048	1130	
133	1	"	N	6ft					1048	1398	
134	1	"	N	(outlet) 18in					1049	1234	

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XRF Scan Time

LOCATION ID	FLOOR	LOCATION	WALL COOR.	SAMPLE LOCATION	SURFACE TYPE	Wall ID	SAMPLE TYPE	SAMPLE SIZE	TIME	XRF Reading	NOTES
135	1	Dining room	E	6ft	Slightly textured		Scan		10:50	1291	
136	1	"	E	2ft					10:51	1261	
137	1	"	E	4ft					10:51	1324	
138	1	"	S	(Switch) 48in					10:52	1404	
139	1	Dup of 138	S	(Switch) 48in					10:52	1285	
140	1	Dining room	S	(Outlet) 18in					10:53	250	
141	1	Dining room	S	10ft					10:56	1179	Over opening
142	1	"	W	10ft					10:57	859	Over opening
143	1	Foyer	S	10ft					10:58	1142	"
144	1	Foyer Closet	W	4ft					10:59	1058	
145	1	Living Room	E	(Switch) 48in					11:00	198	
146	1	"	N	6ft					11:01	240	
147	1	"	N	8ft					11:03	228	
148	1	"	N	6ft					11:04	237	
149	1	"	N	4ft					11:05	360	
150	1	"	W	(Outlet) 18in					11:05	217	
151	1	Dup of 150	W	(Outlet) 18in					11:06	215	
152	1	Living Room	W	6ft					11:07	204	
153	1	"	W	4ft					11:07	404	

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XRF Serial #: 10755
XRF Scan Time

LOCATION ID	FLOOR	LOCATION	WALL COOR.	SAMPLE LOCATION	SURFACE TYPE	Wall ID	SAMPLE TYPE	SAMPLE SIZE	TIME	XRF Reading	NOTES
154	1	Living Room	S	4ft	Slightly textured		Scan		11:08	382	
155	1	"	S	6ft					11:09	249	
156	1	"	S	2ft					11:09	259	
157	1	Master Suite	E	6ft					11:11	223	
158	1	"	E	2ft					11:11	228	
159	1	"	E	(Switch) 48in					11:12	227	
160	1	"	E	2ft					11:13	222	
161	1	"	E	6ft					11:14	225	
162*	1	"	E	(Outlet) 18in					11:14	214	
163	1	Dup of 162	E	(Outlet) 18in					11:15	207	
164	1	Master Suite	S	6ft					11:16	211	
165	1	"	S	4ft					11:16	401	
166	1	"	S	(Outlet) 18in					11:17	217	
167	1	"	S	6ft					11:18	217	
168	1	"	W	4ft					11:18	383	
169	1	"	W	6ft					11:18	221	
170	1	"	W	(Outlet) 18in					11:20	232	
171	1	"	W	4ft					11:21	323	
172*	1	"	N	Outlet 18in					11:22	209	

SAMPLE TYPES: S = Sample, D = Duplicate, FB = Field Blank, MB = Media Blank

XRF SCAN FIELD DATA

Page ___ of ___

Environmental Health & Engineering, Inc.
117 Fourth Avenue, Needham, MA 02494
TEL: (781) 247-4300
FAX: (781) 247-4305

Client: _____

Home Address: _____

Field Person(s): _____

Date: _____
Project#: _____

XRF Serial #: _____
XRF Scan Time _____

LOCATION ID	FLOOR	LOCATION	WALL COOR.	SAMPLE LOCATION	SURFACE TYPE	Wall ID	SAMPLE TYPE	SAMPLE SIZE	TIME	XRF Reading	NOTES
173	1	Dup of 172	N	(outlet) 18in	slightly textured		Scan		11:22	202	
174	1	Master Suite	N	6ft					11:23	207	
175	1	"	N	4ft					11:23	376	
176	1	"	N	6ft					11:24	242	
177*	1	Hallway btw Master Closets	E	(switch) 48in					11:25	243	
178	1	"	E	7ft					11:26	221	Above Door
179	1	"	E	2ft					11:27	253	
180	1	"	W	6ft					11:28	247	
181	1	"	W	2ft					11:28	218	
182	1	Dup of 181	W	2ft					11:29	240	
183	1	Hallway btw Master Closets	W	4ft					11:29	249	
184	1	His (Closet)	W	(switch) 48in					11:30	241	
185	1	"	N	4ft					11:31	305	
186	1	"	E	6ft					11:32	255	
187	1	"	E	2ft					11:32	230	
188	1	"	S	4ft					11:33	371	
189	1	"	S	6ft					11:34	271	
190	1	Hers (Closet)	E	(switch) 48in					11:35	213	
191	1	"	N	6ft					11:35	233	

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XRF SCAN FIELD DATA

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117 Fourth Avenue, Needham, MA 02494
TEL: (781) 247-4300
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Client: _____

Home Address: _____

Field Person(s): _____

Date: _____
Project#: _____

XRF Serial #: _____
XRF Scan Time _____

LOCATION ID	FLOOR	LOCATION	WALL COOR.	SAMPLE LOCATION	SURFACE TYPE	Wall ID	SAMPLE TYPE	SAMPLE SIZE	TIME	XRF Reading	NOTES
192	1	Hers (Closet)	W	4ft	Slightly textured		Scan		11:36	237	
193	1	"	W	2ft					11:37	231	
194	1	Dup of 193	W	2ft					11:37	227	
195	1	Hers (closet)	S	4ft					11:38	342	
196	1	"	E	2ft					11:39	232	
197	1	Master Bath	N	(outlet) 18in					11:40	246	
198	1	"	N	6ft					11:41	226	
199	1	"	N	(outlet) 48in					11:42	233	
200	1	"	E	7ft					11:42	251	
201	1	"	S	4ft					11:43	420	
202	1	"	SE	7ft					11:44	224	Over door
203	1	"	E	6ft					11:45	201	
204	1	"	S	4ft					11:46	408	
205	1	"	S	6ft					11:46	443	
206	1	"	S	7ft					11:47	224	Over tiles
207	1	"	W	7ft					11:48	219	"
208	1	"	S	4ft					11:48	368	
209	1	"	W	7ft					11:49	227	Over Mirror
210	1	"	N	(outlet) 48in					11:50	235	

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XRF SCAN FIELD DATA

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117 Fourth Avenue, Needham, MA 02494
TEL: (781) 247-4300
FAX: (781) 247-4305

Client: _____

Home Address: _____

Field Person(s): _____

Date: _____
Project#: _____

XRF Serial #: _____
XRF Scan Time _____

LOCATION ID	FLOOR	LOCATION	WALL COOR.	SAMPLE LOCATION	SURFACE TYPE	Wall ID	SAMPLE TYPE	SAMPLE SIZE	TIME	XRF Reading	NOTES
211	1	Dup of 210	N	(outlet) 48in	slightly textured		Scan		11:50	282	
212	1	Master Bath	N	(switch) 48in					11:51	213	
213	1	"	E	2ft					11:52	242	
214	1	"	S	6ft					11:52	408	
215	1	"	W	4ft					11:53	341	
216	1	Master Bath Closet	N	4ft					11:54	295	
218	1	Family room	E	7ft					1:02	1240	
219	1	"	E	(outlet) 18in					1:03	1265	
220	1	"	E	4ft					1:04	196	
221	1	"	E	2ft					1:04	337	
222	1	kitchen	N	2ft					1:05	943	On kitchen Island
223	2	Bedroom 4	W	(switch) 48in					1:07	223	
224	2	"	W	(outlet) 18in					1:09	275	
225	2	"	W	6ft					1:10	251	
226	2	"	W	4ft					1:11	261	
227	2	Dup of 226	W	4ft					1:11	262	
229	2	Bedroom 4	N	6ft					2:53	239	
230	2	"	N	4ft					2:53	317	
231	2	"	N	6ft					2:54	228	

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XRF SCAN FIELD DATA

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Client: _____

Home Address: _____

Field Person(s): _____

Date: _____
Project#: _____

XRF Serial #: _____
XRF Scan Time _____

LOCATION ID	FLOOR	LOCATION	WALL COOR.	SAMPLE LOCATION	SURFACE TYPE	Wall ID	SAMPLE TYPE	SAMPLE SIZE	TIME	XRF Reading	NOTES
232	2	Bedroom 4	N	(outlet) 18in	Slightly textured		Scan		255	204	
233	2	Dup of 233	N	(outlet) 18in					255	220	
234	2	Bedroom 4	E	6ft					256	241	
235	2	"	E	4ft					257	301	
236	2	"	E	2ft					258	222	
237	2	"	E	4ft					258	197	
238	2	"	S	6ft					259	208	
239	2	"	S	(outlet) 18in					300	220	
240	2	"	S	4ft					300	211	
241	2	"	S	6ft					301	224	
242	2	"	S	2ft					302	217	
243	2	Dup of 242	S	2ft					302	219	
244	2	Bedroom 4 Closet	N	(switch) 48in					303	416	
245	2	"	E	6ft					304	193	
246	2	"	S	6ft					304	200	
247	2	"	S	2ft					307	230	
248	2	"	W	4ft					308	285	
249	2	Bedroom 4 Bath	N	(switch) 48in					309	282	
250	2	Dup of 249	N	(switch) 48in					309	308	

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117 Fourth Avenue, Needham, MA 02494
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Client: _____

Home Address: _____

Field Person(s): _____

Date: _____
Project#: _____

XRF Serial #: _____
XRF Scan Time _____

LOCATION ID	FLOOR	LOCATION	WALL COOR.	SAMPLE LOCATION	SURFACE TYPE	Wall ID	SAMPLE TYPE	SAMPLE SIZE	TIME	XRF Reading	NOTES
251	2	Bedroom 4 Bath	N	2ft	slightly textured		Scan		3:10	226	
252	2	"	W	7ft					3:11	234	
253	2	"	S	2ft					3:12	248	
254	2	"	S	6ft					3:13	212	
255	2	"	E	4ft					3:14	251	
256	2	Stairs Landing	S	4ft					3:15	1064	
257	2	"	W	(switch) 48in					3:16	1023	
258	1½	Stairs	E	4ft					3:16	779	
259	1½	Stairs	W	4ft					3:17	929	
260	1½	Dup of 259	W	4ft					3:18	943	
261	1½	Stairs	E	4ft					3:18	867	
262	1½	Dup of 261	E	4ft					3:19	908	
263	1	Garage	S	6ft					3:20	229	
264	1	"	S	(switch) 48in					3:21	248	
265	1	"	S	6ft					3:21	229	
266	1	"	E	4ft					3:22	204	
267	1	"	S	4ft					3:23	425	
268	1	"	N	4ft					3:23	1533	
269	1	"	N	6ft					3:24	562	

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XRF SCAN FIELD DATA

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117 Fourth Avenue, Needham, MA 02494
TEL: (781) 247-4300
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Client: _____

Home Address: _____

Field Person(s): _____

Date: _____
Project#: _____

XRF Serial #: _____
XRF Scan Time _____

LOCATION ID	FLOOR	LOCATION	WALL COOR.	SAMPLE LOCATION	SURFACE TYPE	Wall ID	SAMPLE TYPE	SAMPLE SIZE	TIME	XRF Reading	NOTES
270	1	Garage	N	4ft	Slightly textured		Scan		325	1342	Garage North and west wall
271	1	"	W	2ft					326	400	largely covered up
272	1	"	W	6ft					327	413	
273	1	"	W	4ft					327	966	
274	1	"	C	Ceiling					329	1220	
275	1	"	C	"					330	1045	
276	1	Dup of 275	C	"					331	1007	
277	1	Laundry	C	"					333	1115	
278	2	Bedroom 4 (NW)	C	"					335	256	
279	2	Bedroom 4 (SE)	C	"					336	262	
280	2	Bedroom 4 Bath	C	"					337	247	
281	2	Bedroom 4 Closet	C	"					338	276	
282	2	Stairs	C	"					340	223	
283	1½	"	C	"					340	218	
284	1	Halloway leading to family room	C	"					342	707	
285	1	Powder room	C	"					343	1007	
286	1	Halloway leading to family room	C	"					344	450	
287	1	kitchen	C	"					345	823	
288	1	Vaulted Breakfast ~~Dining room~~ (east)	C	"					347	1201	

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XRF SCAN FIELD DATA

Page ___ of ___

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117 Fourth Avenue, Needham, MA 02494
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Client: _____

Home Address: _____

Field Person(s): _____

Date: _____
Project#: _____

XRF Serial #: _____
XRF Scan Time _____

LOCATION ID	FLOOR	LOCATION	WALL COOR.	SAMPLE LOCATION	SURFACE TYPE	Wall ID	SAMPLE TYPE	SAMPLE SIZE	TIME	XRF Reading	NOTES
289	1	Vaulted Breakfast ~~Dining Room~~ (west)	C	Ceiling	Slightly textured				348	1285	
290	1	Hallway btw BR 2&3 ~~Dup of 289~~	C	"					349	1281	
291	1	Dup of 290	C	"					350	1274	
292	1	Hallway btw BR 2&3	W	(switch) 48in					351	248	
293	1	"	W	6ft					351	249	
294	1	"	E	(switch) 48in					352	237	
295	1	"	E	2ft					353	208	
296	1	Closet in hallway btw BR 2&3	S	6ft					354	251	
297	1	Bedroom 2	C	Ceiling					354	734	
298	1	Bedroom 3	C	"					356	365	
299	1	Bath btw BR 2&3	C	"					357	937	
300	1	Living room	C	"					359	961	
301	1	Master Suite	C	"					401	652	
302	1	"	C	faceboard in ceiling					402	647	
303	1	"	C	tray ceiling					403	1286	
304	1	"	C	"					404	1332	
305	1	Dup of 304	C	"					404	1313	
306	1	Master Bath	C	Ceiling					406	521	
307	1	Hallway btw master closets	C	"					407	992	

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XRF SCAN FIELD DATA

Page __ f ____

Environmental Health & Engineering, Inc.
117 Fourth Avenue, Needham, MA 02494
TEL: (781) 247-4300
FAX: (781) 247-4305

Client: _____

Home Address: _____

Field Person(s): _____

Date: _____
Project#: _____

XRF Serial #: _____
XRF Scan Time _____

LOCATION ID	FLOOR	LOCATION	WALL COOR.	SAMPLE LOCATION	SURFACE TYPE	Wall ID	SAMPLE TYPE	SAMPLE SIZE	TIME	XRF Reading	NOTES
308	1	Hers (Closet)	C	Ceiling	slightly textured		Scan		408	1277	
309	1	Foyer	C	"					411	661	
310	1	Dining room	C	"					413	1302	
311	1	Family room	C	"					415	211	
312	1	Family room (NW)	C	faceboard on tray ceiling					417	596	
313	1	Family room (NW)	C	2nd step in tray ceiling					417	600	
314	1	Family room (NW)	C	1st step in tray ceiling					418	1240	
315	1	Family room (SE)	C	3rd step in tray ceiling					420	207	
316	1	Family room (SE)	C	faceboard in tray ceiling					421	494	
317	1	Vaulted Breakfast	C	faceboard in ceiling					424	257	

SAMPLE TYPES: S = Sample, D = Duplicate, FB = Field Blank, MB = Media Blank

VISUAL CORROSION INSPECTION FIELD DATA

Page ____ of ____

Environmental Health & Engineering, Inc.
117 Fourth Avenue, Needham, MA 02494
TEL: (781) 247-4300
FAX: (781) 247-4305

Client: CPSC

Date: 08/27/2009

Home Address: (b)(6)

Project#: 16512

Field Person(s): WEC, CJN, OTA

LOCATION ID	FLOOR	LOCATION	WALL COOR.	SAMPLE LOCATION	CORROSION RATING	NOTES
	2	ATTIC AHU		COIL	1-2	GOLD COATING
						SMALL AREAS OF CHAF FING
					MODEL TW 6060A 150 B1	
	1	WATER HEATER LINES			1-3	PIPE COVERED W SLEEVE.
	1	GARAGE ELECT PANEL			1-2	HAS NO CORROSION
	1	1/2 BATH FAUCET LINES - CU			2	
	1	KITCHEN FRIDGE			1-3+	
	1	GARAGE DOOR DEADBOLT FINISH			3	
	1	KEYS/JEWELRY/SPOON			2-3	
	1	MASTER BATH SINK LINES			1-2	NORMAL
	1	MASTER BATH SHOWER BEZEL			2-3	PITTED CHROME
	2	BR-4 BATH SINK LINE			1	LOOKS NEW

CORROSION RATING: 0 = No Grounding Wire, 1 = No Corrosion, 2 = Some Corrosion, 3 = Heavy Corrosion

BULK SAMPLE FIELD DATA

Page ____ of ____

Environmental Health & Engineering, Inc.
117 Fourth Avenue, Needham, MA 02494
TEL: (781) 247-4300
FAX: (781) 247-4305

Client: CPSC

Date: 08/27/2009

Home Address: (b)(6)

Project#: 16512

Field Person(s): WEC, CJN, OTA

SAMPLE ID	FLOOR	LOCATION	WALL COOR.	LOCATION ID (SAME AS XRF LOG)	ELECT. BOX CORROSION RATING ~~NOTES~~
103638	1	Powder Room	E	2	1
103639	1	Laundry	S	11	2
103640	1	Dup of 103639	S	14	2
103641	1	Hallway to Family room	E	24	2
103642	1	Kitchen	W	32	1
103643	1	Vaulted Breakfast	W	48	2
103644	1	Bedroom 2	N	62	1
103645	1	Bath btwn BR 2 & 3	N	~~65~~ 66	1
103646	1	Bedroom 3	W	76	1
103647	1	Family room	S	105	1
103648	1	"	N	118	1
103649	1	Foyer	E	129	3
103650	1	Living room	E	145	0, 2 ON EXPOSED
103651	1	Master Suite	E	162	1-2 NORMAL
103652	1	Hallway btwn Master closets	E	177	2
103653	1	Master Bath	N	197	2
103654	2	Bedroom 4	W	224	3
103655	1	Garage	S	264	0, 1 EXPOSED
103656	1	Dup of 103655	S	264	0, 1 "
103657	1	Dining room	S	138	0, 2 ON EXPOSED
103611	1	BULK 8X8-CLOSET UNDER STAIRS		# 102	

SAMPLE TYPES: S = Sample, D = Duplicate, FB = Field Blank, MB = Media Blank

~~VISUAL CORROSION INSPECTION~~ FIELD DATA

Page ____ of ____

Environmental Health & Engineering, Inc.
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FAX: (781) 247-4305

QTRAK / HOBO

Client: CPSC

Date: 08/27/2009

Home Address: (b)(6)

Project#: 16512

Field Person(s): WEC, CJN, JTA

LOCATION ID	FLOOR	LOCATION	WALL COOR.	SAMPLE LOCATION	CORROSION RATING	NOTES
		QT - LIVING ROOM		QT-12		
		QT - MAST. BR		QT-11		
		QT - UPSTAIRS BR-4		Ashtead R11370		
	✓	HOBO - CR		S/N 2415781		
	✓	HOBO - BR-4 (UPSTAIRS)		S/N 2415784		

CORROSION RATING: 0 = No Grounding Wire, 1 = No Corrosion, 2 = Some Corrosion, 3 = Heavy Corrosion

PASSIVE SAMPLE FIELD DATA

Environmental Health & Engineering, Inc.
117 Fourth Avenue, Needham, MA 02494
TEL: (781) 247-4300
FAX: (781) 247-4305

1030

Client: CPSC

Home Address: (b)(6)

Field Person(s): TMM

Date:

Project#: 16512

SAMPLE ID	FLOOR	LOCATION	TARGET ANALYTE	SAMPLE TYPE	START DATE	START TIME	END DATE	END TIME	NOTES
101868	1	LIVING ROOM	H_2S	S	9/16/09	11:10	9/30/09	9:46 AM	
101869	1	DUPLICATE		D					
101870	1	OUTDOORS		S					
101871	2	GUEST		S					
101872	1	MASTER		S					
101873				FB					

SAMPLE TYPES: S = Sample, D = Duplicate, FB = Field Blank, MB = Media Blank

PASSIVE SAMPLE FIELD DATA

Page ___ of ___

Environmental Health & Engineering, Inc.
117 Fourth Avenue, Needham, MA 02494
TEL: (781) 247-4300
FAX: (781) 247-4305

1033

Client: CPSC

Home Address: (b)(6)

Field Person(s): TMM

Date: ___

Project#: 16512

SAMPLE ID	FLOOR	LOCATION	TARGET ANALYTE	SAMPLE TYPE	START DATE	START TIME	END DATE	END TIME	NOTES
101874	1	LIVING ROOM	ALDEHYDE	S	9/16/09	1110	9/30/09	9:40 AM	
101875	↓	DUPLICATE	↓	D	↓	↓	↓	↓	
101876	↓	OUTDOORS	↓	S	↓	↓	↓	↓	
101877	2	GUEST	↓	S	↓	↓	↓	↓	
101878	1	MASTER	↓	S	↓	↓	↓	↓	
101879	—	—	—	FB	—	—	—	—	

SAMPLE TYPES: S = Sample, D = Duplicate, FB = Field Blank, MB = Media Blank

PASSIVE SAMPLE FIELD DATA

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TEL: (781) 247-4300
FAX: (781) 247-4305

1035

Client: CPSC

Home Address: (b)(6)

Field Person(s): TMH

Date:

Project#: 16512

SAMPLE ID	FLOOR	LOCATION	TARGET ANALYTE	SAMPLE TYPE	START DATE	START TIME	END DATE	END TIME	NOTES
101880	1	LIVING ROOM	NO_2 SO_2 HF	S	9/16/09	11:10	9/30/09	9:40 AM	
101881	↓	DUPLICATE	↓	D	↓	↓	↓	↓	
101882	↓	OUTDOORS	↓	S	↓	↓	↓	↓	
101883	2	GUEST	↓	S	↓	↓	↓	↓	
101884	1	MASTER	↓	S	↓	↓	↓	↓	
101885	—	—	—	FB	—	—	—	—	

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082709AL03

PASSIVE SAMPLE FIELD DATA

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FAX: (781) 247-4305

1036

Client: CPSC

Home Address: (b)(6)

Field Person(s): TMH

Date: 9/16/09

Project#: 16512

SAMPLE ID	FLOOR	LOCATION	TARGET ANALYTE	SAMPLE TYPE	START DATE	START TIME	END DATE	END TIME	NOTES
101886		LIVING ROOM	OZONE	S	9/16/09	11:10	9/30/09	9:40 AM	
101887		DUPLICATE		D					
101888		OUTDOORS		S					
101889		GUEST		S					
101890		MASTER		S					
101891				FB					

SAMPLE TYPES: S = Sample, D = Duplicate, FB = Field Blank, MB = Media Blank

082709AL02

PASSIVE SAMPLE FIELD DATA

Environmental Health & Engineering, Inc.
117 Fourth Avenue, Needham, MA 02494
TEL: (781) 247-4300
FAX: (781) 247-4305

1028

Client: CPSC

Home Address: (b)(6)

Field Person(s): TMM

Date: 9/16/09

Project#: 16512

SAMPLE ID	FLOOR	LOCATION	TARGET ANALYTE	SAMPLE TYPE	START DATE	START TIME	END DATE	END TIME	NOTES
✓ 101892		LIVING ROOM	COUPON	S	9/16/09	11:10	9/30/09	9:40 AM	63344
✓ 101893		~~OUTDOOR~~ GUEST	↓	↓	↓	↓	↓	↓	63347
✓ 101894		~~GUEST~~ MASTER	↓	↓	↓	↓	↓	↓	63340
✓ 101895		~~MASTER~~ SUPPLY	↓	↓	↓	↓	↓	↓	63426
✓ 101896		~~SUPPLY~~ OUTDOORS	↓	↓	↓	↓	↓	↓	63413
		HOBOS ON @ 11:10 AM	ON 9/16/09		off	on 9/30/09	@ 9:40 AM		
	✓	2415781 - LIVING							
	✓	2415784 - GUEST							

SAMPLE TYPES: S = Sample, D = Duplicate, FB = Field Blank, MB = Media Blank

PHOTO FIELD DATA

Environmental Health & Engineering, Inc.
117 Fourth Avenue, Needham, MA 02494
TEL: (781) 247-4300
FAX: (781) 247-4305

Client: CPSC

Date: 08/27/2009

Home Address: (b)(6)

Project#: 16512

Field Person(s): WEC, CJM, OTA

Camera ID: ECAMP22

PHOTO NO.	FLOOR	LOCATION	NOTES
1-8		EXTERIOR	(b)(3):CPSA Section 6(b)
3-6		CONDENSER UNIT	1000AB
9-12	1	GARAGE	
13	1	STAIRS, AT GARAGE ENTRY	
14	1	LAUNDRY	
15	1	1/2 BATH	
16	1	HALLWAY	
17-25	1	DR/LR/KITCHEN/FOYER AREA	
26-30	1	MASTER SUITE	
31-32	1	SITTING ROOM	
33	1	HALLWAY TO BR 2/3	
34-35	1	BR 2/ SHARED BATH	
36-38	1	BR 3/ SHARED BATH	
39-41	2	BR-4 / BATH	
42-45	2	ATTIC ~~AREA~~	
46-48	2	ATTIC - BACK SIDE OF GYP	"CHINA (b)(3):CPSA Section 6(b) "
49-55	2	AHU - ATTIC	GOLD PAINTED COIL
56-58	1	WATER HEATER - LAUNDRY	
59-61	1	ELECT PANEL - GARAGE	
62	1	1/2 BATH FAUCET LINES	
63-64	1	FRIDGE - KITCHEN	
65	1	GARAGE DOOR DEADBOLT	
66	1	ASST JEWELRY /KEYS/ SILVER SPOON	
67	1	MASTER BATH SINK LINES	
68	1	MASTER BATH SHOWER BEZEL	
69	2	BR-4 BATH SINK LINE	
70	1	FOYER OUTLET #129	
71	1	EATING AREA #	