080309FC02

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 _____

Date 8/3/09

Field Technician(s) MED MHK WEC

House Address (b)(6)

General Weather Description HOT HUMID HAZY

**1. Questionnaire**

1) Interviewed home owner (YES) NO

2) Age of the House (years)

built 2006 Jan 2007 cert of occ.

3) Estimated Floor Area (sqft)

3160~3200

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

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

roundup, & some bug killer in garage consume

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

YES NO 6-9 mos 1 room ceiling painted

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

_____

8) Has any work been done on the AC system since construction? insp & Δ filters

YES NO

If YES, please describe?

_____

9) Are all the AC system components original?

YES NO

If NO, please describe?

_____

10) What is the age of your refrigerator? all units same age ~ @ move-in March 2008

_____ years

11) Has any piping been replaced in the home?

YES NO

If YES, please describe?

_____

4 br
4 full + 2 ½ baths

**2. Building Characteristics**

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

2story 4br

2) Number of rooms

4br + LR Din & kitch,

3) Above grade Construction

Wood Frame  Concrete  Stone  Brick  Other _____

4) Basement

Full  Crawlspace  Slab  Other _____

5) Foundation

Concrete  Cinder Block  Stone  Other_____

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

7) Type of HVAC System

~~Ac~~ DX Cooling / GAS FURNACE

Mak (b)(3):CPSA Section 6(b) HVAC Model CNPHP4821ATA ABAA Condenser Model 113ANA042-A

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  Crawlspace

**3. Interior Characteristics**

1) Any odors upon entering the building?

YES NO

If YES, describe _____

natural gas water htr, pool htr. cooktop

2) Fireplace

YES → + outdoor bbq (nat 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 Lunch down [illegible]

Wood or Wood Paneling Other _____

5) Ceiling (circle all that apply)

Wall Paper Paint Skim Coat Textured

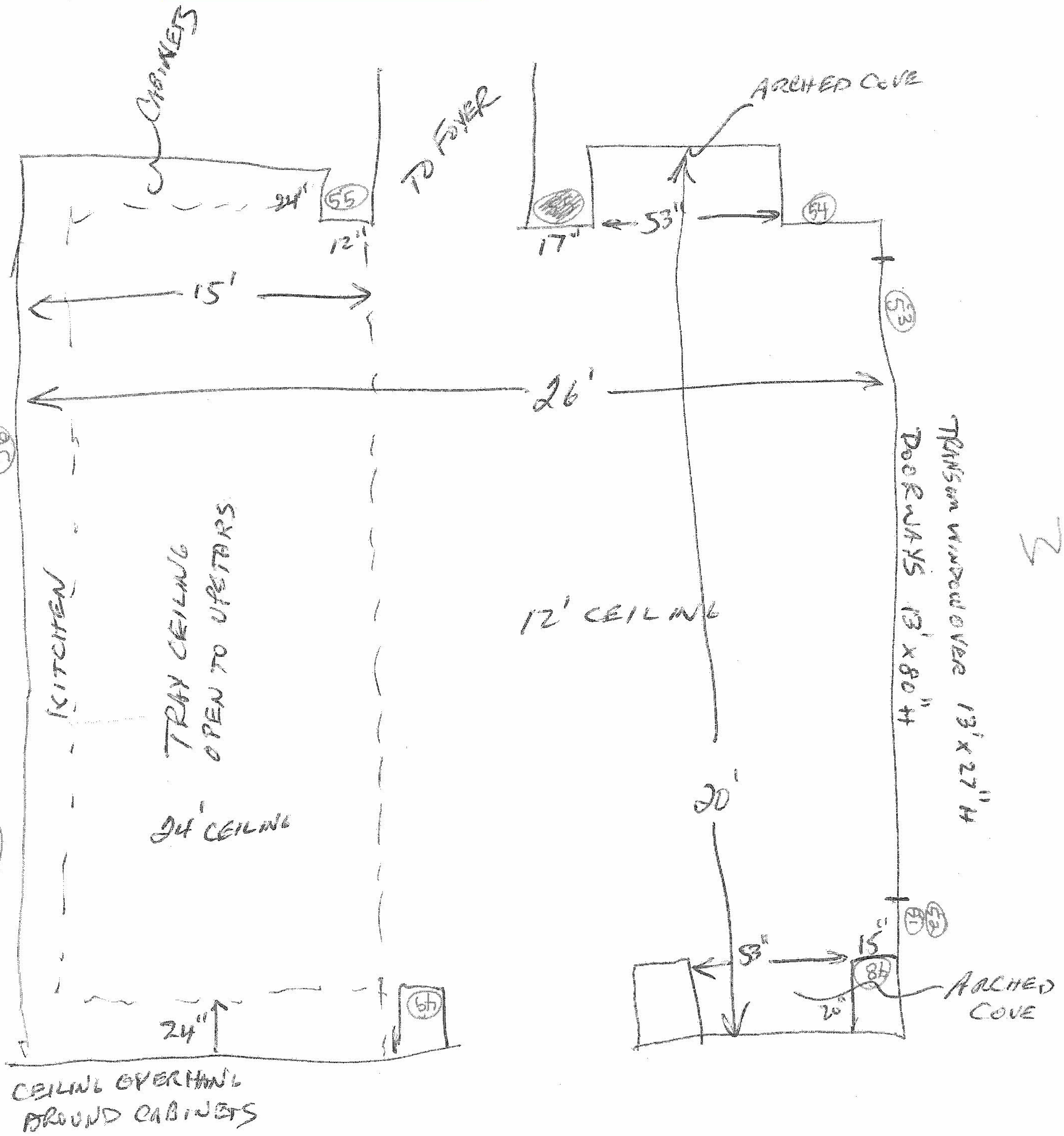
Wood or Wood Paneling Other _____

House Address (b)(6)

Page 1/5

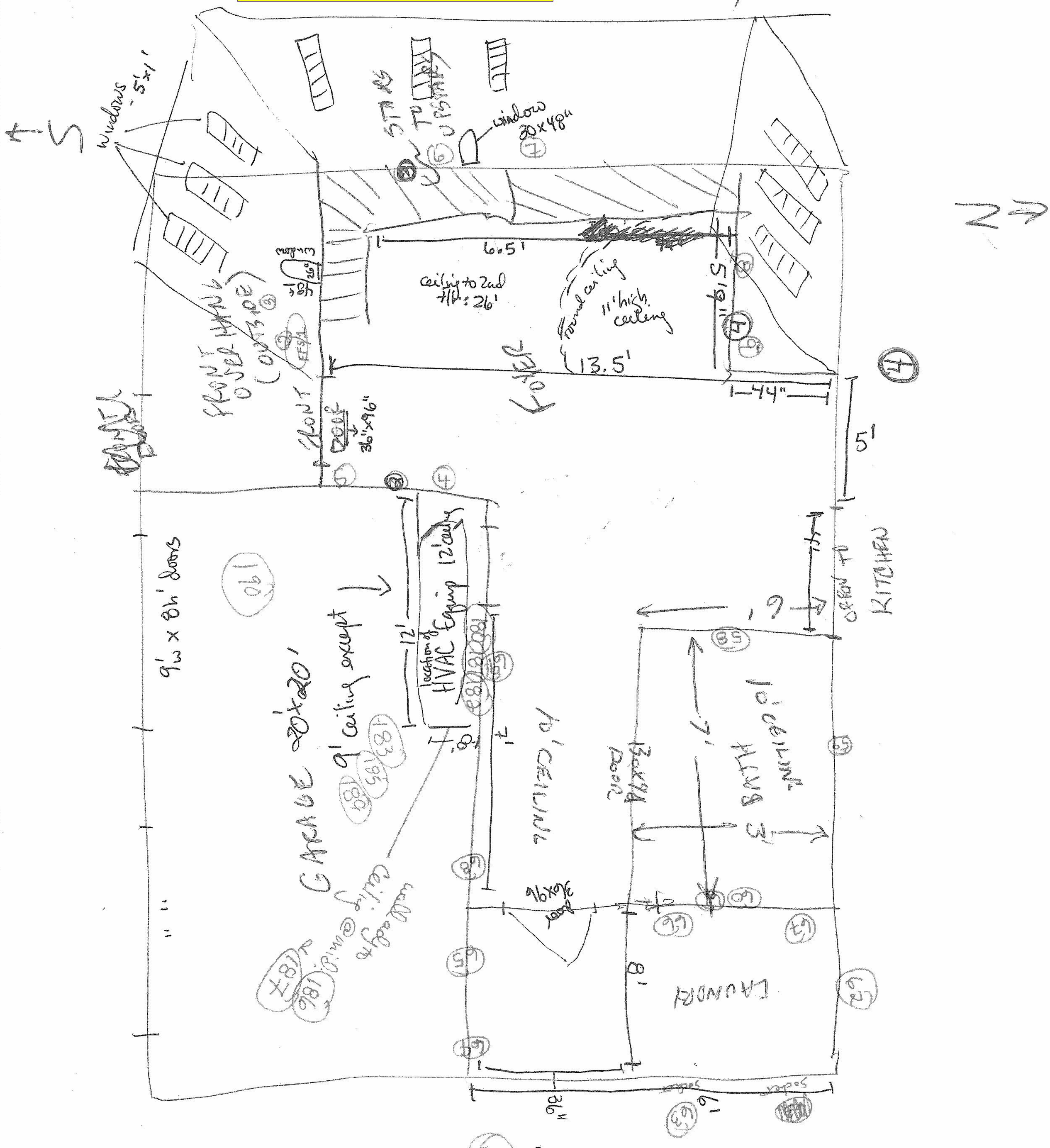
House Address (b)(6)

Page 2/5



House Address (b)(6)

Page 3/5



All ~~Ths~~ Feet

House Address (b)(6)

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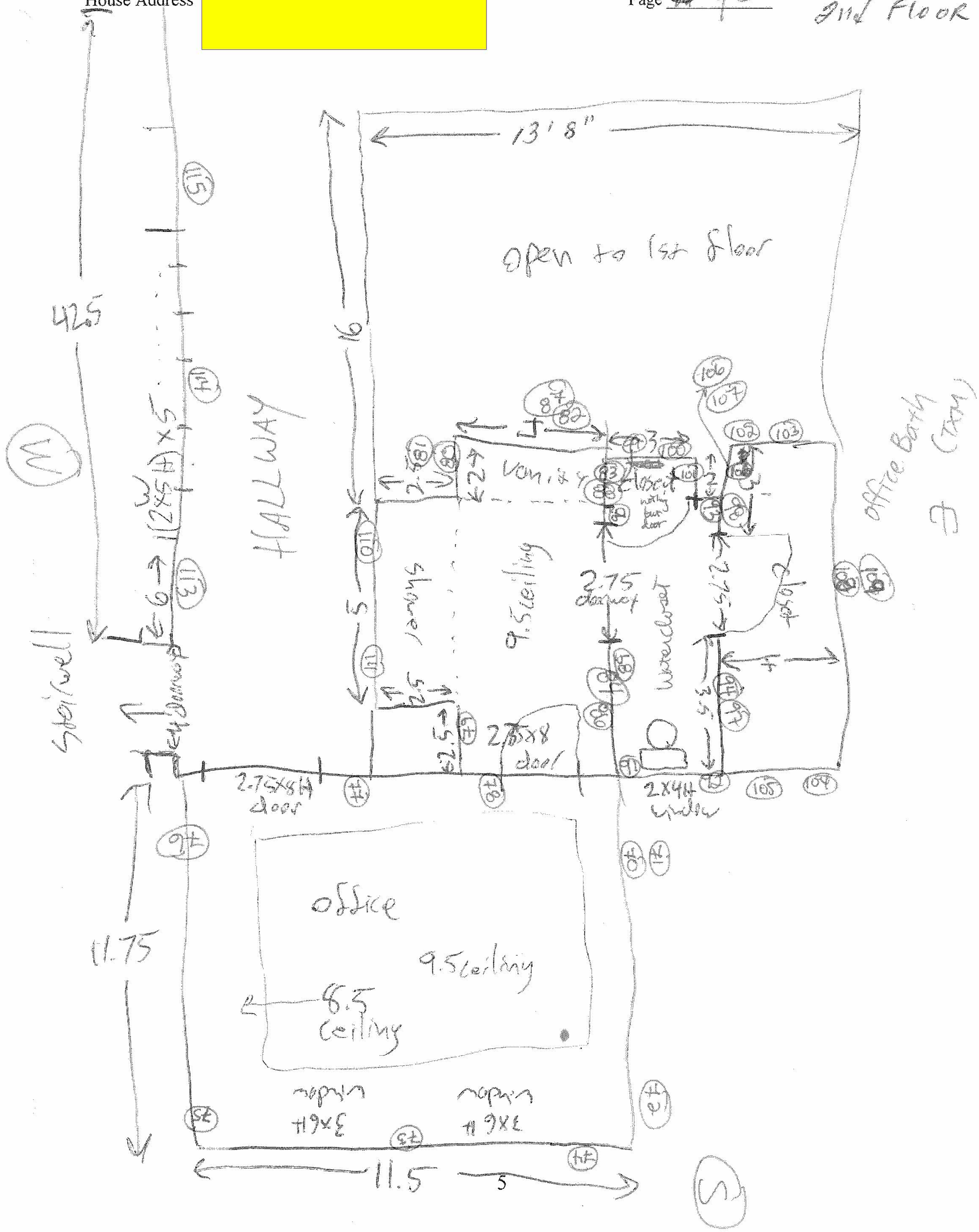
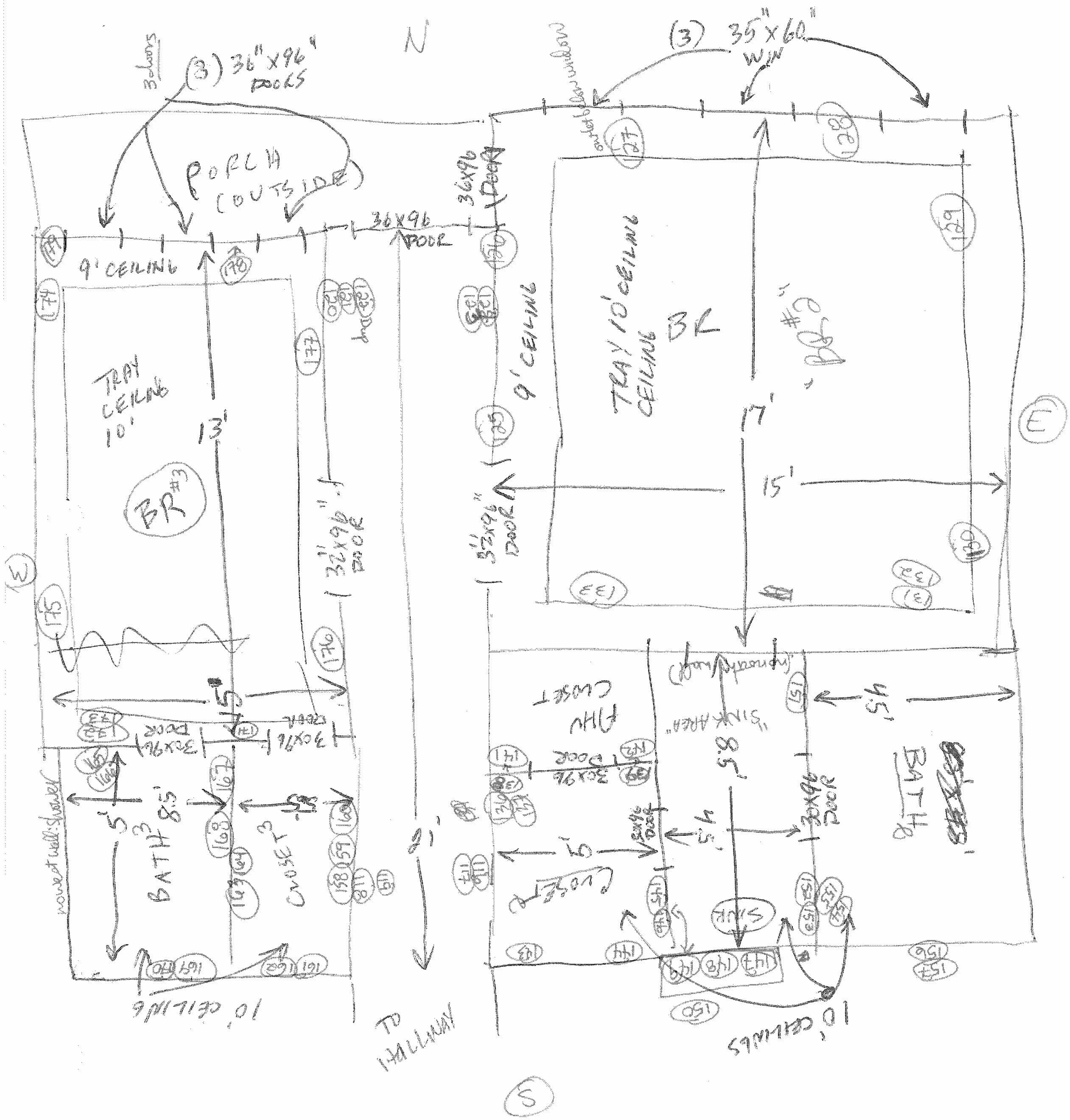
2nd Floor



2nd FLOOR

House Address (b)(6)

Page 5/5



# VOC SAMP FIELD DATA



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

Client: CPSC

Date: 8/3/09

Home Address: (b)(6)

Project#: 16512

Field Person(s): MHK WEC MED

SUMMA

| SAMPLE ID | CANISTER ID | FLOW CONTROL ID | GAUGE ID | FLOOR | LOCATION | SAMPLE TYPE | GAUGE PRESSURE START | START TIME | GUAGE PRESSURE END | END TIME | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ✓ 99952 | AC00635 | FC00251 | | 1 | Living Room | S | | 10:38AM | | 12:39 | |
| ✓ 99953 | AC00953 | FC00786 | | 1 | DUPLICATE | D | | ↓ | | ↓ | |
| ✓ 99954 | AC00641 | FC00676 | | 1 | OUTDOORS | S | | ↓ | | ↓ | |
| ✓ 99955 | AC00885 | FC00111 | | 1 | MASTER BR | S | | ↓ | | ↓ | |
| ✓ 99956 | *AC01028 | FC00641 | | 2 | ~~GUEST BR~~ office | S | | ↓ | | ↓ | *AC01028 upstairs office |
| 99957 | AC01164 | | | — | BLANK | FB | | | | | |
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SAMPLE TYPES: S = Sample, D = Duplicate, FB = Field Blank, MB = Media Blank

# ACTIVE SAM E FIELD DATA

Page __ f ____

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

Client: CPSC

Home Address: (b)(6)

Field Person(s): MED MHK WEC

Date: 8/3/09
Project#: 16512
ROTA ID #: 08

CC Sound

| SAMPLE ID | FLOOR | LOCATION | TARGET ANALYTE | SAMPLE TYPE | PUMP ID | ROTA READ START | START TIME | ROTA READ END | END TIME | SAMPLE DURATION (MINS) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 99937 | 1 | Living Room | INORGANICS | S | 10142 | .502 | 10:36AM | .488 | | 208 | 103L L |
| 99938 | 1 | Duplicate | | D | 13445 | .504 | | .485 | | 208 | 102.9 L |
| 99939 | 1 | outdoors (Pool/scrn rm) | | S | 02994 | .496 | | ~~.483~~ .486 | | ~~198~~ 202 | 99.2 L |
| 99940 | 2 | Guest Bed | | S | 13858 | .507 | | .508 | | 216 | upstairs "office" 109.5L |
| 99941 | 1 | Master Bed | | S | 10483 | .509 | | .506 | | 213 | 108.1L |
| 100030 | | ~~[illegible]~~ | | MB ~~FB~~ | MED | — | | — | | — | 0 L |
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Client: CPSC

Home Address: (b)(6)

Field Person(s): MED MHR WEC

Date: 8/3/09

Project#: 16512

ROTA ID #: 08

C of CFX

| SAMPLE ID | FLOOR | LOCATION | TARGET ANALYTE | SAMPLE TYPE | PUMP ID | ROTA READ START | START TIME | ROTA READ END | END TIME | SAMPLE DURATION (MINS) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 99942 | 1 | LIVINGROOM | ORGANICS | S | 12989 | .502 | 10:36 am | .499 | | 208 | 104.2 |
| 99943 | 1 | DUP | | D | 13009 | .494 | | .487 | | 208 | 102.0 |
| 99944 | 1 | OUTDOORS | | S | 644889 | .507 | | .320 ~~.483~~ | | 199 | used serial number bc ID# unreadable 82.3 |
| 99945 | 2 | ~~GUEST Bed~~ office TXM | | S | 02818 | .508 | | .505 | | 216 | upstairs "office" 109.4 |
| 99946 | 1 | MASTER Bed | | S | 07766 | .500 | | .520 | | 213 | 108.6 |
| 100079 | — | BLANK | | ~~FB~~ MB MED | | — | | — | | — | OL |
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TEL: (781) 247-4300
FAX: (781) 247-4305

Client: CPSC

Home Addres (b)(6)

Field Person(s): MED MHK WEC

Date: 8/3/09

Project#: 16512

ROTA ID #: 08

C of C Fx

| SAMPLE ID | FLOOR | LOCATION | TARGET ANALYTE | SAMPLE TYPE | PUMP ID | ROTA READ START | START TIME | ROTA READ END | END TIME | SAMPLE DURATION (MINS) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 99947 | 1 | LIVING RM | ALDEHYDE | S | 06759 | .506 | 10:36 | .504 | | 208 | 105 L |
| 99948 | 1 | DIP | | D | 06737 | .498 | | .496 | | 208 | 103.4 |
| 99949 | 1 | OUTDOORS | | S | 07778 | .503 | | .501 | | 138 | 69.3 |
| 99950 | 2 | ~~GUEST RM~~ office | | S | 13501 | .514 | | .518 | | 216 | upstairs "office" 111.5 |
| 99951 | 1 | MASTER | | S | 10486 | .501 | | .504 | | 213 | 107 L |
| 100028 | — | — | Aldehyde | MB | — | | | | | — | 0 |
| 100029 | — | — | Organic | MB | — | | | | | — | 0 |
| 100030 | — | — | Inorganic | MB | — | | | | | — | 0 |
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Environmental Health & Engineering, Inc.
117 Fourth Avenue, Needham, MA 02494
TEL: (781) 247-4300
FAX: (781) 247-4305

Client: CPSC

Home Address: (b)(6)

Field Person(s): WEC/MHK/MD

Date: 8/3/09
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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 99958 | 1 | LIVING ROOM | SULFUR | AIR | PINE 13425 | | 1715 | | | 5 | |
| 99959 | 1 | DUPLICATE 99958 | | | | | 1720 | | | | |
| 99960 | | OUTDOORS | | | | | 1730 | | | | |
| 99961 | 1 | MASTER BR | | | | | 1733 | | | | |
| 99962 | 2 | ~~UPSTAIRS BR~~ office | | | | | 1735 | | | | |
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SAMPLE TYPES: S = Sample, D = Duplicate, FB = Field Blank, MB = Media Blank

HOUSEID: 080309FL02

# XRF SCAN FIELD DATA



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

(b)(6)

Client:

Home Addr

Field Person(s): WEE/MHK/MD

Date: 8/3/09
Project#: 16512

XRF Serial #: 10452
XRF Scan Time 30 sec

| SAMPLE ID | FLOOR | LOCATION | WALL COOR. | SAMPLE LOCATION | SURFACE TYPE | Wall ID | ~~SAMPLE TYPE~~ | ~~SAMPLE SIZE~~ | TIME | XRF Reading | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| * 2 | 1 | FOYER/ENTRY switch | S | 4 ft | Textured | FF/S/1 | SCAN | | 11:18 | 228 | lightswitch |
| 3 | | " " | S | 5 ft | | 1 | | | 11:19 | 250 | 1st landing |
| 4 | | " " socket | E | 18" | | FF/E/2 | | | 11:20 | 317 | |
| 5 | | " " | E | 6FT | | 2 | | | 11:21 | 275 | |
| 6 | | " " | W | 18" | | 3 | | | 11:22 | 284 | landing |
| 7 | | " " | W | 6' | | 3 | | | 11:23 | 261 | stairs 3rd from landing |
| 8 | | " " socket | N | 18" | | 4 | | | 11:23 | 294 | |
| 9 | | " " | N | 6' | | 4 | | | 11:24 | 189 | |

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

# XRF SCAN FIELD DATA



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

Client: CPSC

Home Address (b)(6)

Field Person(s): MCD MHK WEC

Date: 8/3/09
Project#: 16512

XRF Serial #: 10452
XRF Scan Time

| SAMPLE ID | FLOOR | LOCATION (SOCKET?) | WALL COOR. (N/S/E/W) | SAMPLE LOCATION | SURFACE TYPE | Wall ID | SAMPLE TYPE | ~~SAMPLE SIZE~~ | TIME | XRF Reading | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 1 | LIVING RM | S | 6 ft ↑ | TEXTURED | MCD LR 3 | SCAN | | 11:28 | 297 | diagram 1 |
| * 10 | | blank switchplate | S | 18" | | MCD LR 3 | | | 11:27 | 267 | |
| * 12 | | socket | W | 18" | | LR 4 | | | 11:29 | 216 | |
| 13 | | | W | 6' | | LR 4 | | | 11:30 | 279 | |
| * 14 | | SOCKET | N | 18" | | LR 1 | | | 11:30 | 169 | |
| 15 | | | N | 6' | | LR1 | | | 11:31 | 182 | |
| * 16 | | SOCKET | E | 18" | | LR2 | | | 11:33 | 258 | |
| 17 | | | E | 6' | | LR2 | | | 11:34 | 198 | |
| * 18 | 1 | Master BR socket | W | 18" | | MBR 4 | | | 11:36 | 301 | |
| 19 | | | W | 6' | | MBR4 | | | 11:37 | 241 | |
| * 20 | | socket | N | 18" | | MBR 1 | | | 11:38 | 287 | |
| 21 | | | N | 6' | | MBR1 | | | 11:39 | 271 | |
| * 22 | | socket | E | 18" | | MBR 2 | | | 11:40 | 299 | |
| 23 | | | E | 6' | | MBR 2 | | | 11:41 | 281 | |
| 24 | | vacuum plate | S | 18" | | MBR3 | | | 11:42 | 304 | |
| 25 | | | S | 6' | | MBR3 | | | 11:43 | 245 | |
| * 26 | | M Bath switchplate | N | 4' | | MB 1 | | | 11:44 | 236 | |
| 27 | | | N | 8' | | MB 1 | | | 11:45 | 173 | above & to right of switchplate |
| 28 | | | E | 4' | | MB2 | | | 11:46 | 280 | ~~[illegible]~~ no switchplate east wall |

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

# XRF SCAI IELD DATA



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

Client: CPSC

Home Address: (b)(6)

Field Person(s): WEC | MHK | MED

Date: 8/3/09

Project#: 16512

XRF Serial #: 10452

XRF Scan Time

| SAMPLE ID | FLOOR | LOCATION | WALL COOR. | SAMPLE LOCATION | SURFACE TYPE | Wall ID | SAMPLE TYPE | SAMPLE SIZE | TIME | XRF Reading | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 29 | 1 | Master Bath | E | 7' | Textured | MB2 | | | 11:47 | 207 | |
| — | — | Master Bath | S | — | | | | | | — | South wall = all tile |
| 30 | 1 | " " socket | W | 4', north side of dress alcove | | MB4 | | | 11:51 | 334 | inside dress alcove/table |
| 31 | 1 | " " | W | 7' | | MB4 | | | 11:52 | 180 | south facing side of alcove |
| D/ * 38 | 1 | Master Closet (walk in) / switch plate | E | 4' | | MC 2 | | | 11:00 | 423 | walls in closet |
| * 32 | 1 | " " outlet | S | 2' | | MC 3 | | | 11:55 | 287 | |
| 33 | | " " | S | 7' | | MC3 | | | 11:56 | 157 | |
| 34 | | " " | W | 2' | | MC4 | | | 11:57 | 264 | |
| 35 | | " " | W | 7' | | MC4 | | | 11:58 | 269 | |
| 36 | | " " | N | 2' | | MC 1 | | | 11:59 | 302 | |
| 37 | | " " | N | 7' | | 1 | | | 11:59 | 217 | |
| 39 | | " " | E | 7' | | MC2 | | | 12:01 | 160 | |
| * 40 | | middle alcove / outlet | E | 2' | | MA 2 | | | 12:03 | ND | |
| 41 | | " " | E | 7' | | MA 2 | | | 12:05 | ND | |
| 42 | | " " outlet | S | 2' | | MA 3 | | | 12:06 | ND | |
| 43 | | " " | S | 7' | | MA 3 | | | 12:06 | ND | |
| 47 | | " " | E | 2' | | | | | 12:15 | 26 | Dup of 40 |
| 46 | | Master Bath socket | W | 4' | | | | | 12:14 | 15 | Dup of 30 |
| 45 | | Master BR socket | N | 18" | | | | | 12:13 | 27 | Dup of 20 |

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# XRF SCAN FIELD DATA



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Client: CPSC

Home Address: (b)(6)

Field Person(s): MED MHK WEC

Date: 8/3

Project#: 16512

XRF Serial #: 10452

XRF Scan Time

| SAMPLE ID | FLOOR | LOCATION | WALL COOR. | SAMPLE LOCATION | SURFACE TYPE | Wall ID | SAMPLE TYPE | SAMPLE SIZE | TIME | XRF Reading | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 44 | 1 | ~~Kitchen outlet~~ | | | Textured | | Scan | | 12:13 | 24 | Dup of 10 |
| 48 | 1 | Kitchen / outlet | N | 2' | | | | | 12:20 | ND | |
| 49 | | ↓ | N | 7' | | | | | 12:20 | ND | |
| 50 | | Standardization | | reading | | | | | | | ~~no switch plate on wall~~ |
| 51 | 1 | Kitchen | W | 2' | | | | | 12:23 | 295 | no switch plate on W Wall |
| 52 | | ↓ | W | 2' | | | | | 12:24 | 300 | Duplicate of 51 |
| 53 | | | W | 7' | | | | | 12:25 | 236 | |
| 54 | | outlet | S | 2FT | | | | | 12:26 | 307 | |
| 55 | | ↓ | S | 7FT | | | | | 12:27 | 172 | |
| 56 | | | E | 11' | | | | | 12:29 | 278 | tile @ person height; to 7' where paint |
| 57 | | ↓ | E | 14' | | | | | 12:30 | 202 | " " " surface |
| 58 | | Garage Bathroom | W | 7' | | | | | 12:34 | 156 | no outlets; bathroom tile to 4½ ft high |
| 59 | | ↓ | N | 7' | | | | | 12:35 | 378 | |
| 60 | | | E | 7' | | | | | 12:36 | 249 | |
| 61 | | ↓ | E | 7' | | | | | 12:36 | 227 | Duplicate of 60 |
| 62 | | Laundry | N | 4' | | | | | 12:40 | 226 | |
| 63 | | ↓ socket | E | 4' | | | | | 12:42 | 190 | |
| 64 | | laundry | S | 2' | | | | | 12:42 | 222 | |
| 65 | | ↓ | S | 7' | | | | | 12:43 | 278 | |

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Client: CPSC

Home Address: (b)(6)

Field Person(s): MED MHK WEC

Date: 8/3/09

Project#: 16512

XRF Serial #: 10452

XRF Scan Time

| SAMPLE ID | FLOOR | LOCATION | WALL COOR. | SAMPLE LOCATION | SURFACE TYPE | Wall ID | SAMPLE TYPE | SAMPLE SIZE | TIME | XRF Reading | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 66 | 1 | laundry | W | 2' | Textured | LD | SCAN | | 12:44 | 177 | |
| 67 | 1 | ↓ | W | 7' | ↓ | | | | 12:45 | 177 | |
| * 68 | 1 | Adj HALLWAY/outlet | S | 2' | | HW | | | 12:46 | 185 | |
| 69 | 1 | " " | S | 7' | | ↓ | | | 12:46 | 265 | |
| * 70 | 2 | office outlet | E | 2' | | Ofc | | | 12:57 | 251 | |
| 71 | 2 | Office outlet | E | 2' | | | | | 12:58 | 283 | Dup of 70 |
| 72 | 2 | " | E | 7' | | | | | 12:58 | 247 | |
| * 73 | 1 | " outlet | S | 18" | | | | | 12:59 | 262 | |
| 74 | | " | S | 7' | | | | | 1:00 | 250 | |
| * 75 | | " outlet | W | 18" | | | | | 1:01 | 274 | |
| 76 | | " | W | 7' | | | | | 1:02 | 268 | |
| * 77 | | " switchplate | N | 4' | | | | | 1:03 | 212 | |
| 78 | | " | N | 7' | | | | | 1:04 | 274 | |
| * 79 | | office Bathroom switchplate | W | 4' adjacent to shower | | OBR | | | 1:06 | 266 | There is NO SOUTH WALL INSIDE Bath |
| 80 | | " " | W | 7' | | | | | 1:07 | 240 | |
| 81 | | " " | W | 7' | | | | | 1:08 | 159 | Dup |
| 82 | | " " | N | 7' above vanity | | | | | 1:09 | ND | |
| * 83 | | " " outlet | E | 4' | | | | | 1:10 | ND | |
| 84 | | " " | E | 7' | | | | | 1:11 | ND | |

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# XRF SCAI IELD DATA



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

Client: CPSC

Home Address: (b)(6)

Field Person(s): MED, MHK, WEC

Date: 8/3/09

Project#: 16512

XRF Serial #: 10452

XRF Scan Time

85/Standardization reading; 95/Standardization reading, 96...

| SAMPLE ID | FLOOR | LOCATION | WALL COOR. | SAMPLE LOCATION | SURFACE TYPE | Wall ID | SAMPLE TYPE | ~~SAMPLE SIZE~~ | TIME | XRF Reading | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 86 | 2 | office bathroom | E | 7' | Textured | OBR | SCAN | | 1:14 | 277 | Dup of 84 |
| 87 | | | N | 7' above vanity | | OBR | | | 1:15 | 292 | Dup of 82 |
| 88 | | | E | 4' | | | | | 1:16 | 280 | Dup of 83 |
| 89 | | office bathroom outlet water closet/switch plt | W | 4' | | | | | 1:18 | 246 | |
| 90 | | " " " | W | 7' | | | | | 1:19 | 222 | |
| 91 | | " " behind toilet | S | 2' | | | | | 1:20 | 300 | |
| 92 | | " " " " | S | 7' | | | | | 1:21 | 139 | |
| 93 | | " " | E | 2' | | | | | 1:22 | ND | |
| 94 | | " " | E | 7' | | | | | 1:23 | ND | |
| 97 | | " " | E | 7' | | | | | 1:25 | 292 | Dup of 94 |
| 98 | | " " | E | 2' | | | | | 1:26 | 267 | Dup of 93 |
| 99 | | inside sm. closet | W | 4' | | | | | 1:27 | 272 | |
| 100 | | " " " | N | 4' | | | | | 1:28 | 284 | |
| 101 | | " " " | E | 4' | | | | | 1:28 | 301 | |
| 102 | | inside lg closet | N | ~~4'~~ 2' | | | | | 1:31 | 293 | |
| 103 | | " " " | N | 7' | | | | | 1:32 | 265 | |
| 104 | | " " " | S | 2' | | | | | 1:33 | 336 | |
| 105 | | " " " | S | 7' | | | | | 1:34 | 202 | |
| 106 | | " " switch plt | W | 4' | | | | | 1:34 | 348 | |

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

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XRF Scan Time

| SAMPLE ID | FLOOR | LOCATION | WALL COOR. | SAMPLE LOCATION | SURFACE TYPE | Wall ID | SAMPLE TYPE | SAMPLE SIZE | TIME | XRF Reading | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 107 | 2 | inside lg closet | W | 7' | Textured | | SCAN | | 1:35 | 278 | |
| 108 | | " " " | E | 2' | | | | | 1:36 | 237 | |
| 109 | | " " " | E | 7' | | | | | 1:37 | 217 | |
| 110 | | HALL by office | E | 2' | | | | | 1:39 | 314 | |
| 111 | | " " " | E | 7' | | | | | 1:40 | 316 | |
| 112 | | " " " | E | 7' | | | | | 1:40 | 305 | Dup of 111 |
| 113 | | HALLWAY switchplate (cont'd) | W | 4' | | | | | 1:42 | 376 | |
| 114 | | " " outlet | W | 2' | | | | | 1:42 | 231 | |
| 115 | | " " | W | 7' | | | | | 1:43 | 296 | |
| 116 | | " " beyond kitchen | E | 2' outlet | | | | | 1:44 | 173 | |
| 117 | | " " | E | 7' | | | | | 1:45 | 243 | |
| 118 | | " " | W | 2' | | | | | 1:46 | 301 | |
| 119 | | " " | W | 7' | | | | | 1:46 | 284 | |
| 120 | | hall beyond BR patio outlet ~~switch~~ | W | 2' | | | | | 1:47 | 295 | |
| 121 | | " " " | W | 7' | | | | | 1:48 | 278 | |
| 122 | | " " " | W | 7' | | | | | 1:49 | 258 | Dup of 121 |
| 123 | | " " | E | 2' | | | | | 1:49 | 285 | |
| 124 | | " " | E | 7' | | | | | 1:50 | 276 | |
| 125 | | BR#2 switchplate | W | 4' | | | | | 2:16 | 170 | |

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Field Person(s): MED MHK WEC

Date: 8/3

Project#: 16512

XRF Serial #: 10452

XRF Scan Time

134,135: 2@Standardizations / 140 = std 2

| SAMPLE ID | FLOOR | LOCATION | WALL COOR. | SAMPLE LOCATION | SURFACE TYPE | Wall ID | SAMPLE TYPE | ~~SAMPLE SIZE~~ | TIME | XRF Reading | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 126 | 2 | BR2 | W | 7' | textured | BR2- | SCAN | | 2:17 | 285 | |
| 127 | | outlet | N | 18" | | | | | 2:18 | 262 | |
| 128 | | | N | 7' | | | | | 2:19 | 183 | |
| 129 | | outlet | E | 18" | | | | | 2:20 | ~~280~~ | MED 280 |
| 130 | | | E | 7' | | | | | 2:20 | 298 | |
| 131 | | outlet | S | 18" | | | | | 2:22 | 197 | |
| 132 | | outlet | S | 18" | | | | | 2:22 | 212 | Dup of 131 |
| 133 | | | S | 7' | | | | | 2:22 | 278 | |
| 136 | | BR2's closet | W | 2' | | | | | 3:55 | 203 | |
| 137 | | " " | W | 7' | | | | | 3:55 | 244 | |
| 138 | | " " switch | N | 4' | | | | | | ND | |
| 139 | | " " | N | 7' | | | | | | ND | |
| 141 | | " " switch | N | 4' | | | | | 4pm | 308 | Dup of 138 |
| 142 | | " " | N | 7' | | | | | 4pm | 244 | Dup of 139 |
| 143 | | " " | S | 3' | | | | | 4:01pm | 267 | |
| 144 | | " " | S | 7' | | | | | 4:02 | 281 | |
| 145 | | " " | E | 18" | | | | | 4:04 | 272 | |
| 146 | | " " | E | 7' | | | | | 4:05 | 310 | |
| 147 | | SINK AREA (above sink) | MED W | 4' (above sink) | | | | | 4:06 | 644 | |

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Client: CPSC

Home Address: (b)(6)

Field Person(s): MED WEC MHK

Date: 8/3/09
Project#: 16512

XRF Serial #: 10452
XRF Scan Time

| SAMPLE ID | FLOOR | LOCATION | WALL COOR. | SAMPLE LOCATION | SURFACE TYPE | Wall ID | SAMPLE TYPE | SAMPLE SIZE | TIME | XRF Reading | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 148 | 2 | SINK AREA | W | 7' | Texture | | SCAN | | 407 | 265 | |
| 149 | | " " | W | 6' | | | | | 408 | 296 | |
| 150 | | " " | S | 7' | | | | | 409 | 268 | |
| 151 | | " " (nr door) @ SWITCH | E | 4' | | | | | 410 | 202 | |
| 152 | | " " by sink | E | 4' | | | | | 411 | 440 | |
| 153 | | " " by sink | E | 7' | | | | | 412 | 525 | |
| * 154 | | Bathroom 2 TOM switch | W | 4' | | | | | 413 | 155 | |
| 155 | | " | W | 7' | | | | | 413 | 296 | |
| 156 | | " | S | 2' | | | | | 414 | 205 | |
| 157 | | " | S | 7' | | | | | 415 | 282 | |
| 158 | | Bedroom #3's closet | E | 2' | | | | | 418 | 181 | |
| 159 | | " " | E | 7' | | | | | 420 | 292 | |
| 160 | | " " | E | 7' | | | | | 420 | 296 | Dup of 159 |
| 161 | | " " | S | 2' | | | | | 421 | 245 | |
| 162 | | " " | S | 7' | | | | | 422 | 284 | |
| 163 | | " " | W | 2' | | | | | 423 | 184 | |
| 164 | | " " | W | 7' | | | | | 424 | 296 | |
| * 165 | | BR 3's bathroom switch | N | 4' | | | | | 425 | 279 | |
| 166 | | " " | N | 7' | | | | | 426 | 158 | |

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Client: CPSC

Home Address: (b)(6)

Field Person(s): MEO / MHK / WFC

Date: 8/3/09

Project#: 16512

XRF Serial #: 10452

XRF Scan Time

| SAMPLE ID | FLOOR | LOCATION | WALL COOR. | SAMPLE LOCATION | SURFACE TYPE | Wall ID | SAMPLE TYPE | ~~SAMPLE SIZE~~ | TIME | XRF Reading | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| * 167 | 2 | BR3's bathrm outlet | E | 4' | Texture | | SCAN | | 427 | 270 | |
| 168 | | " " | E | 7' | | | | | 428 | 245 | |
| 169 | | " " | S | 2' | | | | | 429 | 281 | |
| 170 | | " " | S | 7' | | | | | 429 | 218 | |
| * 171 | | BR3 outlet | S | 18" | | | | | 429 | 248 | |
| 172 | | BR3 | S | 7' | | | | | 430 | 299 | |
| 173 | | BR3 | S | 7' | | | | | 431 | 276 | Dup of 172 |
| * 174 | | BR3 outlet | W | 18" | | | | | 432 | 194 | |
| 175 | | BR3 | W | 7' | | | | | 433 | 279 | |
| * 176 | | BR3 outlet | E | 18" | | | | | 433 | 331 | |
| 177 | | BR3 | E | 7' | | | | | 434 | 287 | |
| * 178 | | " outlet | N | 18" | | | | | 435 | 247 | |
| 179 | | " | N | 7' | | | | | 435 | 196 | |
| * 180 | 1 | Garage switch | N | 4' | by HVAC adjoining house | | | | 443 | 155 | |
| * 181 | 1 | " outlet | N | 6' | " " " | | | | 444 | 153 | |
| 182 | 1 | " | | | | | | | 444 | 154 | Dup |
| | | | | | | | | | | | |
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# XRF SCAN FIELD DATA



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

Client: CPSC

Home Address: (b)(6)

Field Person(s): MED MHK

Date: 8/3/09
Project#: 16512

XRF Serial #: 11452
XRF Scan Time

184 std3 188 std2

| SAMPLE ID | FLOOR | LOCATION | WALL COOR. | SAMPLE LOCATION | SURFACE TYPE | Wall ID | SAMPLE TYPE | SAMPLE SIZE | TIME | XRF Reading | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 183 | 1 | Garage | | ceiling nr. HVAC chase | | | | | | ND | |
| 185 | 1 | " | | " " " | | | | | 450 | 242 | Dup of 183 |
| 186 | 1 | garage wall/ceiling (V) | | inset wall of HVAC sect ceiling | | | | | 451 | 275 | |
| 187 | 1 | " ceiling (V) | | | | | | | 451 | ND | |
| 189 | 1 | ceiling-wall (V) | | | | | | | 455 | 308 | |
| 190 | 1 | " ceiling | | | | | | | 457 | 142 | |
| 191 | 1 | Hall ceiling btwn kitchen & garage | | ceiling | | | | | 501 pm | 741 | |
| 192 | 1 | " " " " | | " | | | | | 501 | 830 | Dup |
| 193 | 1 | " " " laundry & garage | | ceiling | | | | | 503 | 637 | |
| 194 | 1 | laundry room | | ceiling | | | | | 504 | 510 | |
| 195 | 2 | office/bath's W area | | ceiling | | | | | 512 | 528 | |
| 196 | 2 | " " bath area | | ceiling | | | | | 513 | 487 | |
| 197 | 2 | office | | lower part of ceiling | | | | | 515 | 196 | |
| 198 | 2 | office | | inset/upper ceiling | | | | | 515 | 585 | |
| 199 | 2 | hall @ stairs outside office | | | | | | | 516 | 492 | |
| 200 | 2 | hall by balcony/kitchen | | (lower part) of coffered ceiling | | | | | 518 | 703 | |
| 201 | 2 | hall by " " | | higher pocket of coffered ceiling | | | | | 519 | 855 | |
| 202 | 2 | " " " " | | " " | | | | | 519 | 687 | Dup |
| 203 | 2 | BR3 | | low ceiling | | | | | 521 | 273 | |

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# XRF SCAN FIELD DATA



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*office bathroom attic-space ⇒ American Gypsum

Client: CPSC

Home Address: (b)(6)

Field Person(s): MED MHK

Date: 8/3/09

Project#: 16572

XRF Serial #: 10452

XRF Scan Time

| SAMPLE ID | FLOOR | LOCATION | WALL COOR. | SAMPLE LOCATION | SURFACE TYPE | Wall ID | SAMPLE TYPE | SAMPLE SIZE | TIME | XRF Reading | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 204 | 2 | BR3 coffered ceiling | | upper ceiling | | | | | 521 | 641 | |
| 205 | 2 | BR3 bathrm | | ceiling | | | | | 524 | 824 | |
| 206 | ↓ | BR2 (theatre rm) | | lower of coffered ceiling | | | | | 527 | 636 | |
| 207 | ↓ | BR2 | | upper of coffered ceiling | | | | | 528 | 432 | |
| 208 | ↓ | BR2's bathroom | | ceiling | | | | | 530 | 239 | |
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# VISUAL CORROSION INSPECTION FIELD DATA



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

Client: (b)(6) PSC

Home A

Field Person(s): WEE/MK/MD

Date: 8/3/09

Project#: 16512

| SAMPLE ID | FLOOR | LOCATION | WALL COOR. | SAMPLE LOCATION | CORROSION RATING | NOTES |
|---|---|---|---|---|---|---|
| | 1 | GARAGE AHU | | COIL | 0-1 | COATED ON MOST CU SURFACES W/ ZINK PAINT - MINOR |
| | | | | | | RUSTING OF STEEL SIDES |
| | | | | | | |
| | 1 | GARAGE | | WATER HEATER | 0-1 | |
| | | OUTSIDE | | CONDENSER LINES | 1 | |
| | | | | | | |
| | 2 | UPSTAIRS BR | S | AHU | 0-1 | Similar to garage unit |
| | 2 | UPSTAIRS BATH | S | OUTLET BY SINK RUM | 0 | |
| | 2 | UPSTAIRS BATH | | OUTLET BY SHOWER RUM | 2 | [OWNER SAYS DRY TRAP IN SHOWER] |
| | | | | | | |
| | 1 | LAUNDRY SINK | E | SINK - FAUCET | 0 | |
| | 1 | FOYER SINK | E | | 0 | |
| | 1 | KITCHEN SINK FAUCET | | | 0 | |
| | 1 | SINK IS BUILT-IN - CAN'T CHECK | | | | |
| | 1 | MASTER BATH TOILET | S | | 0-1 | LOOKS NORMAL |
| | 1 | MASTER BATH SINK | E | | 0 | |
| | 2 | S. BATH SINK | S | | 0 | |
| | 2 | NW BATH SINK | S | | 0 | |
| | 2 | NE BATH SINK | S | | 0 | |
| | | NE BATH TOILET | S | | 0 | |
| | 1 | FOYER OUTLET | E | | 0-1 | NORMAL |
| | 1 | LIVING ROOM OUTLET | W | | 0-1 | NORMAL |
| | 1 | LR | N | | 1 | NORMAL |
| | 1 | LR | E | | 1 | NORMAL |
| | 1 | MBR | E | | 0-1 | NORMAL |
| | 1 | GARAGE SWITCH | N | | 0-1 | |
| | | | | | | |
| | | | | | | |

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

# ~~VISUAL CORROSION~~ INSPECTION FIELD DATA



BULK

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

Client: CPSC

Date: 8/3/09

Home Address: (b)(6)

Project#: 16512

Field Person(s): MED MHK WEC

| SAMPLE ID | FLOOR | LOCATION | WALL COOR. | SAMPLE LOCATION MAP | CORROSION RATING | NOTES |
|---|---|---|---|---|---|---|
| 99963 | 1 | Foyer/ENTRY | S | 2 | | |
| 99964 | 1 | LR closet | S | 10 | | |
| 99965 | 1 | LR | W | 12 | | |
| 99966 | 1 | LR | N | 14 | | |
| 99975 | 1 | LR | E | 16 | | |
| 99967 | 1 | Master BR | W | 18 | | |
| 99968 | | " " | N | 20 | | |
| 99969 | | " " | E | 22 | | |
| 99970 | | M Bath | N | 26 | | |
| 99971 | | M Bath closet | S | 32 | | |
| 99972 | | " " switch | E | 38 | | |
| 99973 | | Dup | E | Dup | | |
| 99974 | | middle alcove | E | 40 | | |
| 99976 | | Kitchen | N | 48 | | |
| 99977 | | Kitchen | S | 54 | | |
| 99978 | | Laundry hall | E | 68 | | |
| 99979 | | Laundry | E | 63 | | |
| 99980 | | Garage switch | N | 180 | | |
| 99981 | | " " outlet | N | 181 | | |
| 99983 | 2 | office bathrm outlet | E | 88 | | |
| 99984 | | " " swlpt | W | 79 MED | | |
| 99985 | | OFFICE | E | 70 | MED | |
| 99982 | | Office | E | 70 | | |
| 99986 | | Office | S | 73 | | |
| 99987 | | Office | W | 75 | | |
| 99989 | | Office swpt | N | 77 | | |
| 99988 | | Hallway outlet | W | 114 MED | | |
| 99990 | | " " | W | 120 | | |
| 99991 | | BR2 swpt | W | 125 | | |

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

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BULK

Client: CPSC

Date: 8/3/09

Home Address: (b)(6)

Project#: 16512

Field Person(s): MED MHK WCC

| SAMPLE ID | FLOOR | LOCATION | WALL COOR. | SAMPLE LOCATION MAP | CORROSION RATING | NOTES |
|---|---|---|---|---|---|---|
| 100017 | 2 | BR3 bath switch | N | 165 | | |
| 100018 | ↓ | BR3 bath outlet | E | 167 | | |
| 100019 | ↓ | BR3 | S | 171 | | |
| 100020 | ↓ | BR3 | W | 174 | | |
| 100021 | ↓ | ↓ | E | 176 | | |
| 100022 | ↓ | ↓ | N | 178 | | |
| 100031 | ↓ | ~~103~~ 2/15" from floor | N | 103 | | |
| | | ~~Guest BR~~ office (TKM) Closet | | | | |
| 99992 | 2 | BR2 outlet | N | 127 | | |
| 99993 | ↓ | " " | E | 129 | | |
| 99994 | ↓ | " " | S | 131 | | |
| 99995 | ↓ | " bathrm switch | W | 154 | | |
| 99996 | ↓ | " " " | W | Dup | | |
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CORROSION RATING: 0 = No Grounding Wire, 1 = No Corrosion, 2 = Some Corrosion, 3 = Heavy Corrosion

Front of Building South East
(Call at South)

8/3/09

(b)(6)

Bradenton

= office (TXM)

= office (TXM)

Upstairs BR — QT-25 – upstairs BR (front side)
HOBO upstairs BR S/N 2385024

LR — QT-29
HOBO S/N 2385025
QT-29

Garage AHU: (b)(3):CPSA Section 6(b) DX cooling w/
nat. gas heating
Startup date 2/13/07
CAC/BDP indoor section Model CNPHP4821ATAABAA

(2) Condenser units on left side
(b)(3):CPSA Section 6(b) Model # 113ANA842000BAAA
113ANA042-A

ID: 08031~FL02

HOBOS OFF @ 16[29] 8/18/09

# PASSIVE SAMPLE FIELD DATA

Page __ of ____

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Date: 8/3/09

Home Address: (b)(6)

Project#: 16512

Field Person(s): MED MHK WEC

| SAMPLE ID | FLOOR | LOCATION | TARGET ANALYTE | SAMPLE TYPE | START DATE | START TIME | END DATE | END TIME | NOTES |
|---|---|---|---|---|---|---|---|---|---|
| 100023 | 1 | LR | Carbon | S | 8/3/09 | 18:45 | 8/18/09 | 16[30] | |
| 100024 | 1 | HVAC Diffuser | ↓ | S | ↓ | ↓ 5[15] | ↓ | ↓ | ~~Bath~~ Laundry Room |
| 100025 | 1 | Master BR | ↓ | S | ↓ | ↓ | ↓ | ↓ | |
| 100026 | 1 | Outdoor | ↓ | S | ↓ | ↓ | ↓ | ↓ | |
| 100027 | 2 | Guest BR | ↓ | S | ↓ | ↓ | ↓ | ↓ | |
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SAMPLE TYPES: S = Sample, D = Duplicate, FB = Field Blank, MB = Media Blank

ID: 080309FL02

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Client: CPSC

Date: 8/3/09

Home Address: (b)(6)

Project#: 16512

Field Person(s): MED MHK WEC

| SAMPLE ID | FLOOR | LOCATION | TARGET ANALYTE | SAMPLE TYPE | START DATE | START TIME | END DATE | END TIME | NOTES |
|---|---|---|---|---|---|---|---|---|---|
| 100012 | 1 | living room | $H_2S$ | S | 8/3/09 | 6:10pm | 8/18/09 | 16:55 | ~~15~~ 14 DAYS 22 HOURS 45 MIN |
| 100013 | 1 | living room Dup | ↓ | D | ↓ | ↓ | ↓ | ↓ | |
| 100014 | 1 | Master BR | ↓ | S | ↓ | ↓ | ↓ | ↓ | |
| 100016 | 1 | outdoor | ↓ | S | ↓ | ↓ | ↓ | ↓ | |
| 100015 | 2 | guest BR | ↓ | S | ↓ | ↓ | ↓ | ↓ | |
| 100007 | 1 | LR | $O_3$ | S | 8/3/09 | 18:19 | ↓ | 16:50 | |
| 100008 | 1 | LR dup | ↓ | D | ↓ | ↓ | ↓ | ↓ | |
| 100009 | 1 | Master BR | ↓ | S | ↓ | ↓ | ↓ | ↓ | |
| 100010 | 1 | Outdoor | ↓ | S | ↓ | ↓ | ↓ | ↓ | |
| 100011 | 2 | guest BR | ↓ | S | ↓ | ↓ | ↓ | ↓ | |
| 100002 | 1 | LR | $NO_2$ $SO_2$ HF | S | ↓ | 18:27 | ↓ | 16:45 | |
| 100003 | 1 | LR Dup | ↓ | D | ↓ | ↓ | ↓ | ↓ | 22 19 |
| 100004 | 1 | Master BR | ↓ | S | ↓ | ↓ | ↓ | ↓ | |
| 100005 | 1 | Outdoor | ↓ | S | ↓ | ↓ | ↓ | ↓ | |
| 100006 | 2 | guest BR | ↓ | S | ↓ | ↓ | ↓ | ↓ | |
| 99997 | 1 | LR | Aldehydes | S | ↓ | 18:37 | 8/18/09 | 16:40 | |
| 99998 | 1 | LR Dup | ↓ | D | ↓ | ↓ | ↓ | ↓ | |
| 99999 | 1 | Master BR | ↓ | S | ↓ | ↓ | ↓ | ↓ | |
| 100000 | 1 | ~~Guest BR~~ Outdoor | ↓ | S | ↓ | ↓ | ↓ | ↓ | |

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

ID: 080309 FL02

# PASSIVE SAMPLE FIELD DATA



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

Client: CPSC

Date: 8/3

Home Address (b)(6)

Project#: 16512

Field Person(s): MED MHK WEC

| SAMPLE ID | FLOOR | LOCATION | TARGET ANALYTE | SAMPLE TYPE | START DATE | START TIME | END DATE | END TIME | NOTES |
|---|---|---|---|---|---|---|---|---|---|
| ~~99958~~ | ~~1~~ | ~~Living Room~~ | | | | | | | |
| 100001 | 2 | Guest BR | Aldehydes | S | 8/3/09 | 18:37 | 8/18/09 | 16:40 | |
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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: CPSCC

Date: 8/3/09

Home Address: (b)(6)

Project#: 16512

Field Person(s): WEC/MHK/MD

Camera ID: ECAM02

| PHOTO NO. | FLOOR | LOCATION | NOTES |
|---|---|---|---|
| 100-0001 | 1 | GARAGE AHU/ | |
| -100-0011 | | COIL / TAGS | |
| 12-14 | 1 | GARAGE- WATER HEATER | |
| 15-17 | 1 | GARAGE - GENERAL | |
| 18 | 1 | GARAGE ATTIC | KNAUF DRYWALL-BACKSIDE |
| 19-23 | | GENERAL-OUTSIDE | |
| 24-30 | | CONDENSER UNITS | |
| 31-35 | 2 | 2nd FLOOR AHU | |
| 36 | 2 | 2nd FLOOR BATH - S. SIDE | OUTLET BY SINK ROOM |
| 37-38 | 2 | 2nd FLOOR BATH - S. SIDE | OUTLET BY SHOWER ROOM |
| 39-41 | 1 | FOYER GENERAL | |
| 42 | 1 | HALL/LAUNDRY | |
| 43-46 | 1 | KITCHEN/EATING AREA | |
| 47-50 | 1 | LIVING ROOM | |
| 51-58 | 1 | MASTER SUITE | |
| 59 | 2 | STAIRS | |
| 60-61 | 2 | HALLWAY | |
| 62-67 | 2 | NW BR SUITE | |
| 68-74 | 2 | NE BR SUITE | |
| 74 | 2 | 2nd FLOOR AHU | CARRIER |
| 75 | 1 | LAUNDRY SINK-FAUCET | |
| 76/77 | 1 | FOYER BATH (1/2 BA) SINK | |
| 78 | 1 | MASTER BATH TOILET SUPPLYVALVE | |
| 79 | 1 | FOYER OUTLET | |
| 80 | 1 | LR OUTLET | |
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