# *C*

# CHARACTERISTICS OF SAMPLE HOMES

Each home for which data was collected was assigned an identification number. The following tables summarize the data for each home. The homes are listed in decreasing order of moisture score with the last nine homes having a moisture score of zero, meaning there were no signs of moisture problems in these nine homes.

- Site characterization (Table C-1)
- Problem characterization 1 (Table C-2)
- Problem characterization 2 (Table C-3)
- Visual/Interview findings (Table C-4)
- HVAC equipment (Table C-5)
- Diagnostic test results (Table C-6)
- Pressure mapping (Table C-7)
- Comments and observations (Table C-8)

## Table C-1. Site Characterization

| Home ID Number | Location (State and City or County) | Number of sections | | | House Size (Sq. Ft.) | Thermal Zone (from HUD data plate) | | | Wind Zone (from HUD data plate) | | | Date Built | Microclimate (not crawlspace) | | | | | | | | Long side of home faces | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Single | Double | Triple | | Zone 1 | Zone 2 | Zone 3 | Zone I | Zone II | Zone III | | Dry | Floods During Rain | Damp | Near Marsh or Water | Full Sun | Shaded | Wind Exposed | Wind Protected | North | South | East | West |
| 29 | Poplarville, MS | ● | | | 1216 | | ● | | ● | | | 6/18/1998 | ● | | | | | ● | | | | ● | | |
| 16 | Starr, SC | | | ● | 2100 | | ● | | ● | | | 1995 | | | | | ● | | | | | ● | | |
| 17 | St. Francisville, LA | ● | | | 1216 | | ● | | ● | | | 4/28/1998 | ● | | | | | ● | | | ● | | | |
| 19 | Liberty, TX | | ● | | 2128 | ● | | | | ● | | 6/5/2001 | ● | | | | | ● | | | | | ● | |
| 27 | Breaux Bridge, LA | | ● | | 2432 | | ● | | | ● | | 3/22/2001 | | | ● | | | | ● | | | ● | | |
| 13 | Breaux Brudge, LA | | ● | | 1904 | ● | | | | ● | | 11/15/1995 | | | ● | | ● | | | | ● | | | |
| 14 | Belton, SC | | ● | | 1525 | | ● | | ● | | | Jun-95 | | | | | | ● | | | | ● | | |
| 28 | Sunset, LA | | ● | | 2432 | | ● | | | ● | | 10/22/1997 | ● | | | | | ● | | | | ● | | |
| 32 | Cantonment, FL | | ● | | 1260 | ● | ● | | ● | ● | | 4/27/1999 | ● | | | | ● | | ● | | | | | ● |
| 64 | Creola, AL | | ● | | 1792 | | | | | | | 1996 | | | | | | ● | | | ● | | | |
| 65 | Jacksonville, FL | | ● | | 2070 | ● | | | ● | ● | | Dec-00 | ● | | | | ● | | | | | ● | | |
| 25 | Downsville, LA | | ● | | 2016 | ● | | | | ● | | 8/25/1997 | ● | | | | | ● | | | ● | | | |
| 52 | Tampa, FL | | ● | | 2000 | | | | | | | 1999 | | | | | | | | | | | | |
| 70 | St. George, SC | | ● | | 1960 | ● | | | | ● | | 10/30/1995 | ● | | | | ● | | ● | | ● | | | |
| 26 | Downsville, LA | | ● | | 1848 | ● | | | | ● | | 10/7/1997 | ● | | | | | ● | | | | | ● | |
| 1 | Port Fourchon, LA | ● | | | 1120 | ● | | | | | ● | | | | ● | | | | | | | | | |
| 10 | Broussard, LA | | ● | | 1848 | ● | | | | | ● | 11/20/1995 | ● | | | | ● | | | | | | ● | |
| 11 | Youngsville, LA | | ● | | 1568 | | ● | | | | ● | 11/25/1997 | | ● | | | ● | | | | | | ● | |
| 12 | Youngsville, LA | ● | | | 1216 | | ● | | | ● | | 7/16/1997 | | ● | | | ● | | | ● | | | ● | |
| 30 | Homestead, FL | | ● | | 1310 | | | ● | ● | ● | ● | 8/9/2000 | | | ● | | | ● | | | | | ● | |
| 58 | Dunnellon, FL | | ● | | 1948 | | | | | | | | | | | | | | | | | | | |
| 61 | Mossy Head, FL | | ● | | 1263 | | | | | | | 1999 | | | | | | | | | | | | |
| 62 | Eight Mile, AL | | ● | | 2130 | ● | | | | ● | | 1995 | ● | | | | | | | | | | | ● |
| 67 | Middleburg, FL | | ● | | 1344 | ● | | | ● | | | 5/12/2001 | ● | | | | ● | | | ● | | | ● | |
| 3 | Port Fourchon, LA | ● | | | 1120 | ● | | | | | ● | | | | ● | | | | | | | | | |

## Table C-1. Site Characterization (continued)

| Home ID Number | Location (State and City or County) | Number of sections | | | House Size (Sq. Ft.) | Thermal Zone (from HUD data plate) | | | Wind Zone (from HUD data plate) | | | Date Built | Microclimate (not crawlspace) | | | | | | | | Long side of home faces | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Single | Double | Triple | | Zone 1 | Zone 2 | Zone 3 | Zone I | Zone II | Zone III | | Dry | Floods During Rain | Damp | Near Marsh or Water | Full Sun | Shaded | Wind Exposed | Wind Protected | North | South | East | West |
| 41 | Titusville, FL | ● | | | 888 | | ● | | | ● | | 10/25/1991 | | | | ● | | ● | | ● | | ● | | |
| 69 | St. Augustine, FL | | ● | | 1152 | ● | | | ● | ● | | 3/8/2001 | ● | | | | ● | | ● | | | | | ● |
| 7 | Thibodaux, LA | | ● | | 2560 | | ● | | | | ● | | | | ● | | | | | | | | | |
| 9 | New Iberia, LA | | ● | | 1848 | ● | | | | ● | | 2/2/2001 | ● | | | | ● | | | | | | ● | |
| 31 | St. Augustine, FL | ● | | | 1190 | ● | ● | | ● | ● | | 10/4/2000 | | | | | ● | | ● | | | ● | | |
| 43 | Prairieville, LA | | ● | | 3br/2ba | | | | | | | 1995 | | | | | | ● | | | | | | |
| 56 | Houma, LA | | ● | | 1792 | | | | | | | | | | | | | | | | | | | |
| 57 | Houma, LA | | ● | | 1792 | | | | | | | | | | | | | | | | | | | |
| 63 | Panama City, FL | | ● | | 1344 | | ● | | | ● | | 1/6/1998 | | | | | | ● | | | ● | | | |
| 66 | Interlachen, FL | | ● | | 1738 | ● | | | ● | ● | | 1/22/1994 | ● | | | | | ● | | ● | | | | ● |
| 2 | Port Fourchon, LA | ● | | | 1120 | ● | | | | | ● | | | | ● | | | | | | | | | |
| 4 | Port Fourchon, LA | ● | | | 1120 | ● | | | | | ● | | | | ● | | | | | | | | | |
| 8 | Youngsville, LA | | ● | | 1568 | ● | | | | | ● | 5/20/1997 | | ● | | | ● | | | | ● | | | |
| 23 | Zephyrhills, FL | | ● | | 1474 | ● | | | ● | ● | | 9/22/1999 | ● | | | | | | | | ● | | | |
| 38 | Titusville, FL | ● | | | 888 | | ● | | | ● | | 6/7/1990 | | | | ● | | | | ● | | ● | | |
| 44 | Scott, LA | ● | | | 1368 | | | | | | | | | | | | | ● | | | | | | |
| 46 | Houston, TX | | ● | | 5br/2ba | | | | | | | | | | | | | | | | | | | |
| 47 | | | ● | | 3br/2ba | | | | | | | | | | | | | | | | | | | |
| 48 | beaches of NC | | ● | | 3br/2ba | | | | | | | | | | | | | | | | | | | |
| 49 | Kinder, LA | | ● | | 4br/2ba | | | | | | | | | | | | | | | | | | | |
| 55 | Port Fourchon, LA | ● | | | 1008 | | | | | | | | | | | | ● | | | | | | | |
| 60 | Lithia, FL | | ● | | 2128 | | | | | | | | | | | | | | | | | | | |
| 68 | Hudson, FL | | ● | | 2001 | ● | | | ● | ● | | Oct-99 | | | | | | | | | ● | | | |
| 5 | Port Fourchon, LA | ● | | | 1120 | ● | | | | | ● | | | | ● | | | | | | | | | |
| 33 | Brooksville, FL | | ● | | 1563 | ● | | | ● | ● | | 10/1/1998 | ● | | | | | ● | ● | | | ● | | |
| 37 | Titusville, FL | ● | | | 990 | ● | | | | | ● | 1/14/1998 | | | | ● | | | | ● | | ● | | |

## Table C-1. Site Characterization (continued)

| Home ID Number | Location (State and City or County) | Number of sections | | | House Size (Sq. Ft.) | Thermal Zone (from HUD data plate) | | | Wind Zone (from HUD data plate) | | | Date Built | Microclimate (not crawlspace) | | | | | | | | Long side of home faces | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Single | Double | Triple | | Zone 1 | Zone 2 | Zone 3 | Zone I | Zone II | Zone III | | Dry | Floods During Rain | Damp | Near Marsh or Water | Full Sun | Shaded | Wind Exposed | Wind Protected | North | South | East | West |
| 42 | Titusville, FL | ● | | | 944 | ● | | | | ● | | 7/27/1993 | | | | ● | | ● | | ● | | ● | | |
| 45 | Houston, TX | | ● | | 4br/3ba | | | | | | | | | | | | | | | | | | | |
| 50 | Fort Lauderdale, FL | | | | 1492 | | | | | | | | | | | | ● | | | | | | | |
| 51 | Homestead, FL | | | | 1492 | | | | | | | | | | | | | | | | | | | |
| 53 | Orlando, FL | | | | 900 | | | | | | | 1999 | | | | | ● | | | | | | | |
| 54 | Orlando, FL | | | | 1080 | | | | | | | 1999 | | | | | ● | | | | | | | |
| 59 | Plant City, FL | | ● | | 3br | | | | | | | | | | | | | | | | | | | |
| 6 | Port Fourchon, LA | ● | | | 1120 | ● | | | | | ● | | | | ● | | | | | | | | | |
| 34 | Cantonment, FL | | ● | | 1248 | ● | ● | | ● | ● | | 6/1/1999 | | | | | | ● | ● | | | | ● | |
| 35 | Titusville, FL | ● | | | 792 | | ● | | | ● | | 9/25/1991 | ● | | | | ● | | | | | ● | | |
| 36 | Titusville, FL | ● | | | 648 | ● | | | | ● | | 9/24/1992 | | | | ● | | | | ● | | ● | | |
| 39 | Apopka, FL | | ● | | 2457 | | ● | | | ● | | 6/4/1997 | | | | | | ● | | ● | | ● | | |
| 40 | Titusville, FL | ● | | | 960 | | ● | | | ● | | 9/12/1990 | | | | ● | | ● | | ● | | ● | | |
| 71 | Zephyrhills, FL | | ● | | 1262 | ● | | | | ● | | 6/21/2000 | ● | | | | ● | | ● | | ● | | | |
| 72 | Zephyrhills, FL | | ● | | 1680 | ● | | | | ● | | 10/26/2000 | ● | | | | ● | | ● | | | | | ● |
| 73 | Mims, FL | | ● | | 1299 | ● | | | | | | 8/15/1996 | ● | | | | ● | | ● | | | ● | | |

## Table C-2. Problem characterization

| Home ID Number | Problem surface(s) | | | | Location | | | | | | | Wall problem – wall type | | | | Wall problem – location | | | | | | | Ceiling problem – ceiling type | | | | Ceiling problem – location | | | | | | | Floor problem –floor type | | | Floor problem – location | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Floor | Ceiling | Walls | Other | Furnace Side | Plumbing Side | Center of Home | Ends | Lights | Registers | Other | Vinyl | Papered | Lauan Tape and Textured | Combination | Perimeter End | Perimeter Long | Interior | Marriage | Closet | Sunny | Shady | Cathedral | Flat | Transition | Other | Peak | Exterior Walls | Interior Walls | Lights | Grilles | Closet | Other | Vinyl | Carpet | Other | Utility | Kitchen | Bath | Bedroom | Living | Closet | Other |
| 29 | | ● | ● | | | | | | | | | ● | | | | ● | ● | | | | | | ● | ● | ● | | | ● | | | | ● | | | | | | | | | | | | |
| 16 | | ● | | | | | | | | | [1] | | | | | | | | | | | | ● | | | | ● | | | | | | | | | | | | | | | | | |
| 17 | | | ● | | | | | | | | ● | ● | | | | ● | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | ● | | | | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | ● | | | ● | ● | ● | | | | |
| 27 | | ● | ● | | | | ● | | ● | | | ● | | | | ● | | | ● | | ● | | ● | | | | ● | | | | | ● | | | | | | | | | | | |
| 13 | | ● | ● | | | | ● | ● | | | | ● | | | | ● | ● | | ● | | | | ● | | | | ● | ● | | | | | | | | | | | | | | | |
| 14 | | ● | | | | | ● | | | | | | | | | | | | | | | | ● | | | | ● | | | | | | | | | | | | | | | | | |
| 28 | | | ● | | | | ● | | | | | ● | | | | ● | ● | | ● | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | ● | | ● | | | ● | | ● | | | | ● | | | | ● | ● | | ● | | | | ● | | | | ● | | | | | | ● | ● | | | | ● | | | | | | |
| 64 | ● | ● | ● | ● | ● | ● | ● | ● | | | | ● | | ● | | | ● | ● | ● | | | ● | ● | | | | ● | ● | ● | | | | | ● | ● | | | ● | | | ● | | din |
| 65 | ● | | ● | | ● | ● | ● | | ● | | | ● | | | | | | | | | | | | | | | | | | | | | | ● | ● | | ● | ● | ● | | ● | | |
| 25 | | | ● | ● | | | ● | | | | ● | ● | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52 | ● | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ● | | | | | | | | | | |
| 70 | | | ● | | | | ● | ● | | | | ● | | | | ● | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | | | ● | | ● | ● | ● | | ● | | | ● | | | | | | | ● | | | | ● | | | | | | | | | ● | | | | | | | | | | | | |
| 1 | | | ● | | | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | ● | | | | ● | | | | | ● | ● | | [2] | | | | ● | | | | ● | | | | ● | | | | | | | | | | | | | | | | | |
| 11 | | | ● | | | | ● | | | | | ● | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | ● | | | | | ● | | | ● | ● | | | | ● | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | ● | | ● | | | ● | | | | | | ● | | | | | ● | ● | | | | | | | | | | | | | | | | ● | | | | | ● | | | | | |
| 58 | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ● | | | | | | | | | | |
| 61 | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

[1] k/dr/lr
[2] vinyl and paper

## Table C-2. Problem characterization (continued)

| Home ID Number | Problem surface(s) | | | | Location | | | | | | | Wall problem – wall type | | | | Wall problem – location | | | | | | | Ceiling problem – ceiling type | | | | Ceiling problem – location | | | | | | | Floor problem –floor type | | | Floor problem – location | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Floor | Ceiling | Walls | Other | Furnace Side | Plumbing Side | Center of Home | Ends | Lights | Registers | Other | Vinyl | Papered | Lauan Tape and Textured | Combination | Perimeter End | Perimeter Long | Interior | Marriage | Closet | Sunny | Shady | Cathedral | Flat | Transition | Other | Peak | Exterior Walls | Interior Walls | Lights | Grilles | Closet | Other | Vinyl | Carpet | Other | Utility | Kitchen | Bath | Bedroom | Living | Closet | Other |
| 62 | | | ● | | | | ● | ● | | | | ● | | | | ● | | | ● | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 | ● | | ● | | ● | ● | | | | | | ● | | | | | ● | ● | ● | | | | | | | | | | | | | | | ● | ● | | ● | ● | ● | ● | | ● | |
| 3 | | | ● | | | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41 | | ● | ● | | | ● | | ● | | | | | | ● | | | ● | | | | | | ● | | | | | ● | | | | | | | | | | | | | | | |
| 69 | ● | | ● | | | ● | | | | | | ● | | | | | ● | | | | | | | | | | | | | | | | | ● | | | ● | ● | ● | | | | |
| 7 | | | ● | | | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | ● | | | | | ● | | | | | ● | | | | | | | ● | | | | ● | | | | ● | | | | | | | | | | | | | | | | |
| 31 | ● | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | ● | | C3 | ● | | | | | | |
| 43 | | | ● | | | | | | | | | ● | | | C4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 56 | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57 | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 63 | | | ● | | | ● | ● | | | | | ● | | | | | ● | ● | ● | | | | | | | | | | | | | | | | ● | | | | | ● | ● | | hall |
| 66 | | ● | ● | | | | ● | | | | | | ● | | | | | ● | ● | | | | ● | | | | ● | | | | | | ● | | | | | | | | | | |
| 2 | | | ● | | | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | ● | | | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | ● | | | | | ● | | | | | ● | | | | | | | ● | | | | ● | | | | ● | | | | | | | | | | | | | | | | |
| 23 | ● | | | | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | C3 | | ● | | | | | |
| 38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44 | | | ● | | | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46 | | | ● | | | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 | | | ● | | | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48 | | | ● | | | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 49 | | | | | | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55 | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 | ● | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ● | | C3 | | | | | | | |
| 68 | ● | | ● | | | ● | | | | | | ● | | | | | ● | | | | | | | | | | | | | | | | | ● | | | ● | ● | ● | | | | |
| 5 | | | ● | | | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

## Table C-2. Problem characterization (continued)

| Home ID Number | Problem surface(s) | | | | Location | | | | | | | Wall problem – wall type | | | | Wall problem – location | | | | | | | Ceiling problem – ceiling type | | | | Ceiling problem – location | | | | | | | Floor problem –floor type | | | Floor problem – location | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Floor | Ceiling | Walls | Other | Furnace Side | Plumbing Side | Center of Home | Ends | Lights | Registers | Other | Vinyl | Papered | Lauan Tape and Textured | Combination | Perimeter End | Perimeter Long | Interior | Marriage | Closet | Sunny | Shady | Cathedral | Flat | Transition | Other | Peak | Exterior Walls | Interior Walls | Lights | Grilles | Closet | Other | Vinyl | Carpet | Other | Utility | Kitchen | Bath | Bedroom | Living | Closet | Other |
| 33 | ● | | | | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | ● | | ● | ● | | | | |
| 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | | | | | | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 51 | | | ● | | | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 53 | ● | | | | | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | ● | | | | | | | | | |
| 54 | ● | | | | | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | ● | | | | | | | | | |
| 59 | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ● | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | | ● | | | | | | | | | | | | | | | | | | | | | ● | | ● | | | | | | ● | | | | | | | | | | | | |
| 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

## Table C-3. Problem characterization 2

| Home ID Number | Structural Softening | | | | | Bowing and Buckling | | | | | Staining Present | | | | | Other Problem | | | | | | | | Other Location | | | | | Most Active Problem Period | | | | | "Worst Condition" Problem Description |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Yes | No | 1-10 Sq. Ft. | 10-100 Sq. Ft. | 100+ Sq. Ft. | Yes | No | 1-10 Sq. Ft. | 10-100 Sq. Ft. | 100+ Sq. Ft. | Yes | No | 1-10 Sq. Ft. | 10-100 Sq. Ft. | 100+ Sq. Ft. | Yes | No | Standing Water | Rust | Odors | Interior RH >65% | Condensation | Other | Yes | No | Electricity Plates | Ducts | Other | Summer | Fall | Winter | Spring | Other | |
| 29 | ● | | | | ● | ● | | | | ● | ● | | | ● | | ● | | | | ● | | | | ● | | ● | ● | | ● | ● | | | | |
| 16 | ● | | | | ● | ● | | | | ● | ● | | | | ● | ● | | | ● | | | | C16 | | ● | | | | ● | | | | | Ceiling staining; condensation on beam at cathedral ceiling marriage line; warped ceiling boards; peeling ceiling texture |
| 17 | ● | | | | ● | ● | | | | ● | ● | | | ● | | ● | | | | ● | | | | ● | | ● | | | ● | ● | | | | |
| 19 | ● | | | | ● | ● | | | | ● | ● | | | | ● | | | | | | | | | | ● | | | | ● | ● | | | | Damage in all vinyl floor areas |
| 27 | ● | | | ● | | ● | | | ● | | ● | | ● | | | ● | | | | ● | ● | | | ● | | ● | | | ● | | | | | |
| 13 | ● | | | | ● | ● | | | ● | | ● | | ● | | | ● | | | | | ● | | | ● | | ● | | | ● | | | | | C2, C16 |
| 14 | ● | | | ● | | ● | | | ● | | ● | | | ● | | ● | | | ● | | | | C16 | | ● | | | | ● | | | | | Staining on ceiling; condensation on beam at marriage line at cathedral ceiling peak; warped ceiling boards |
| 28 | ● | | | ● | | ● | | | | ● | | ● | | | | ● | | | | ● | ● | | C2, C21, C22 | ● | | ● | | | ● | | | | | |
| 32 | ● | | | ● | | ● | | | ● | | ● | | ● | | | ● | | | | | ● | | C18, C22, ceiling bowing | ● | | ● | | | ● | | | | | Exterior walls soft; staining on walls |
| 64 | ● | | | ● | | ● | | | ● | | ● | | | | | ● | | | | ● | | | C2, C3, C4, C14, C16, C17, C19, C20, C21, C23 | | | | | | ● | ● | ● | ● | Year round | All thru house; major repair in '99 - replaced walls, roof & floor; 11 other repairs to date |
| 65 | ● | | ● | | | ● | | | | ● | ● | | ● | | | ● | | | | ● | | ● | C2, C7, C19, C22 | | | | | | ● | | ● | | worst in summer | Worst condition at time of investigation, began in February in kitchen; floors buckling; wall board damaged in master bath; condensate in light fixtures & fireplace |
| 25 | ● | | | ● | | ● | | | ● | | ● | | ● | | | ● | | | | ● | ● | ● | cabinets | | ● | | | | ● | ● | | | | Staining in cabinets; odors |
| 52 | ● | | | | | ● | | | | | ● | | | | | ● | | | ● | ● | ● | ● | C18, C19 | | | | | | | | | | | |
| 70 | ● | | | ● | | ● | | | ● | | ● | | ● | | | ● | | | | ● | | ● | C2, C4, C14, C16, C19, C21 | | | | | | ● | | | | | Worst condition at time of visit |

## Table C-3. Problem Characterization (continued)

| Home ID Number | Structural Softening | | | | | Bowing and Buckling | | | | | Staining Present | | | | | Other Problem | | | | | | | | Other Location | | | | | Most Active Problem Period | | | | | "Worst Condition" Problem Description |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Yes | No | 1-10 Sq. Ft. | 10-100 Sq. Ft. | 100+ Sq. Ft. | Yes | No | 1-10 Sq. Ft. | 10-100 Sq. Ft. | 100+ Sq. Ft. | Yes | No | 1-10 Sq. Ft. | 10-100 Sq. Ft. | 100+ Sq. Ft. | Yes | No | Standing Water | Rust | Odors | Interior RH >65% | Condensation | Other | Yes | No | Electricity Plates | Ducts | Other | Summer | Fall | Winter | Spring | Other | |
| 26 | ● | | ● | | | ● | | ● | | | ● | | | ● | | ● | | | | ● | | ● | cabinets | ● | | | | ● | ● | ● | | | | Stains in cabinets |
| 1 | ● | | | | | ● | | | | | ● | | | | | ● | | | | | | | C22, C23, C24 | ● | | ● | | | | | | | | |
| 10 | ● | | | | ● | | ● | | | | ● | | ● | | | | ● | | | | | | | ● | | ● | | | ● | | | | | |
| 11 | ● | | | ● | | ● | | | ● | | ● | | ● | | | ● | | | | | ● | | | | ● | | | | ● | | | | | C2, C16 |
| 12 | ● | | | | ● | | ● | | | | | ● | | | | ● | | | | | ● | | | | ● | | | | ● | | | | | Wall bowing; water in lights |
| 30 | ● | | ● | | | | ● | | | | ● | | | ● | | ● | | | | ● | ● | | C17, C19, C20, C21, C22, C23 | | ● | | | | ● | ● | ● | ● | | Foul ,musty smell when house depressurized |
| 58 | | ● | | | | ● | | | | | ● | | | | | ● | | | ● | ● | | ● | | | | | | | | | | | | |
| 61 | | | | | | ● | | | | | ● | | | | | ● | | | ● | ● | | ● | C20, C21, C22 | | | | | | | | | | | |
| 62 | ● | | | ● | | ● | | ● | | | ● | | ● | | | ● | | ● | | ● | | | C2, C22, C25, C27 | | | | | | ● | ● | ● | ● | Year round | Marriage wall totally replaced |
| 67 | | ● | | | | ● | | | ● | | ● | | ● | | | ● | | | | ● | | | | | | | | | | | | | new house | At time of investigation |
| 3 | ● | | | | | ● | | | | | ● | | | | | ● | | | ● | | | | | | | | | | | | | | | |
| 41 | ● | | ● | | | | ● | | | | ● | | ● | | | ● | | | | | ● | | C3 | ● | | ● | | | | | | | seasonal residents | Homeowners not in house during summer; uncertain when problem was worst |
| 69 | | ● | | | | ● | | | ● | | ● | | ● | | | ● | | | | | | | C19 | | | | | | | | | | | At time of investigation; Floors warped, exterior wall bowing, stains in mstr bath and cabinets |
| 7 | ● | | | | | ● | | | | | ● | | | | | ● | | | | | | | C2 | | | | | | | | | | | |
| 9 | ● | | | ● | | | ● | | | | ● | | ● | | | ● | | | | | ● | | | ● | | ● | | | ● | | | | | C16 |
| 31 | | | | | | ● | | ● | | | | ● | | | | ● | | | | | ● | | | | ● | | | | | | | | Insufficient data | Flooring replaced twice by manufacturer; 4" of previous buckling |
| 43 | ● | | | | | | ● | | | | ● | | | | | ● | | | | ● | | | C2 | | | | | | | | | | | |
| 56 | ● | | | | | | | | | | ● | | ● | | | ● | | | ● | | | ● | | | | | | | | | | | | |
| 57 | ● | | | | | | | | | | ● | | ● | | | ● | | | ● | | | ● | | | | | | | | | | | | |

## Table C-3. Problem Characterization (continued)

| Home ID Number | Structural Softening | | | | | Bowing and Buckling | | | | | Staining Present | | | | | Other Problem | | | | | | | | Other Location | | | | | Most Active Problem Period | | | | | "Worst Condition" Problem Description |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Yes | No | 1-10 Sq. Ft. | 10-100 Sq. Ft. | 100+ Sq. Ft. | Yes | No | 1-10 Sq. Ft. | 10-100 Sq. Ft. | 100+ Sq. Ft. | Yes | No | 1-10 Sq. Ft. | 10-100 Sq. Ft. | 100+ Sq. Ft. | Yes | No | Standing Water | Rust | Odors | Interior RH >65% | Condensation | Other | Yes | No | Electricity Plates | Ducts | Other | Summer | Fall | Winter | Spring | Other | |
| 63 | | ● | | | | | ● | | | | ● | | ● | | | ● | | | | | | | C16, C21, C22 | | ● | | | | ● | ● | ● | ● | Year round | At time of investigation; stain first noticed in summer; began spreading the following winter; visible staining on outside of home; continuing to worsen |
| 66 | | ● | | | | | ● | | | | ● | | ● | | | ● | | | | ● | | | C16 | | ● | | | | | | | | | At time of investigation |
| 2 | | ● | | | | ● | | | | | | ● | | | | ● | | | | | | | C2 | | | | | | | | | | | |
| 4 | | | | | | ● | | | | | | | | | | ● | | | | | | | C2 | | | | | | | | | | | |
| 8 | | ● | | | | | ● | | | | ● | | ● | | | ● | | | | | ● | | | | ● | | | | ● | | | | | C16 |
| 23 | | ● | | | | ● | | | ● | | | ● | | | | | ● | | | | | | | | ● | | | | | | | | | |
| 38 | | ● | | | | | ● | | | | ● | | ● | | | ● | | | | ● | ● | | | ● | | | ● | | | | | | | |
| 44 | ● | | | | | | ● | | | | | ● | | | | ● | | | | | ● | | | | | | | | | | | | | |
| 46 | ● | | | | | | ● | | | | | | | | | ● | | | | | | | C2 | | | | | | | | | | | |
| 47 | ● | | | | | | ● | | | | | | | | | ● | | | | ● | | | C2 | | | | | | | | | | | |
| 48 | ● | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 49 | | | | | | | ● | | | | ● | | | | | ● | | | | | | | C16 | | | | | | | | | | | |
| 55 | ● | | | | | | | | | | | | | | | ● | | | | | | | C2 | | | | | | | | | | | |
| 60 | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 68 | | ● | | | | ● | | | ● | | | ● | | | | ● | | | | | | ● | registers drip | | | | | | | | | | | At time of investigation; problem noticed fall 2000, reported 11/9/00 |
| 5 | | ● | | | | ● | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | ● | | ● | | | | ● | | | | | | C3, C17 | | | | | | | | | | | |
| 37 | | ● | | | | | ● | | | | | ● | | | | ● | | | | ● | | | | | ● | | | | | | | | | |
| 42 | | ● | | | | | ● | | | | | ● | | | | ● | | | | ● | ● | | | | ● | | | | | | | | | |
| 45 | ● | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | | | | | | | | | | | | ● | | | | ● | | | | | | | C7, C17 | | | | | | | | | | | |
| 51 | | | | | | | | | | | ● | | | | | ● | | | | | ● | | C17 | | | | | | | | | | | |
| 53 | | ● | | | | ● | | | | | | ● | | | | ● | | | | | ● | | | | | | | | | | | | | |
| 54 | | ● | | | | ● | | | | | | ● | | | | ● | | | | | ● | | | | | | | | | | | | | |
| 59 | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

## Table C-3. Problem Characterization (continued)

| Home ID Number | Structural Softening | | | | | Bowing and Buckling | | | | | Staining Present | | | | | Other Problem | | | | | | | | Other Location | | | | | Most Active Problem Period | | | | | "Worst Condition" Problem Description |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Yes | No | 1-10 Sq. Ft. | 10-100 Sq. Ft. | 100+ Sq. Ft. | Yes | No | 1-10 Sq. Ft. | 10-100 Sq. Ft. | 100+ Sq. Ft. | Yes | No | 1-10 Sq. Ft. | 10-100 Sq. Ft. | 100+ Sq. Ft. | Yes | No | Standing Water | Rust | Odors | Interior RH >65% | Condensation | Other | Yes | No | Electricity Plates | Ducts | Other | Summer | Fall | Winter | Spring | Other | |
| 6 | | ● | | | | | ● | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | | ● | | | | | ● | | | | | ● | | | | ● | | | | | ● | | | | ● | | | | | | | | | | |
| 35 | | ● | | | | | ● | | | | | ● | | | | ● | | | | | ● | | | | | | | | | | | | | | |
| 36 | | ● | | | | | ● | | | | | ● | | | | ● | | | | | ● | | | | ● | | | | | | | | | | |
| 39 | | ● | | | | | ● | | | | | ● | | | | ● | | | | | ● | | | | ● | | | | | | | | | | |
| 40 | | ● | | | | | ● | | | | | ● | | | | ● | | | | | ● | | | | ● | | | | | | | | | | |
| 71 | | ● | | | | | ● | | | | | ● | | | | ● | | | | | ● | | | | ● | | | | | | | | | | |
| 72 | | ● | | | | | ● | | | | | ● | | | | | ● | | | | | | | | ● | | | | | | | | | | |
| 73 | | ● | | | | | ● | | | | | ● | | | | | ● | | | | | | C12, C14, C25 | | ● | | | | | | | | | | |

## Table C-4. Visual/Interview Findings

| Home ID Number | As Found Interior Temperatures (Degrees F.) | Summer Setpoint | | | | # of People, Pets & Other H20 Sources in Home | Tears in Bottom Board | | | Ground Cover Present | | | Dryer Duct Dumping into Crawl | | Suspect Unsealed Marriage Line | | | Doors that are Typically Closed | | | | | | | Manual Vent Control | | | | | Vent Control Use | | | Unbalanced Supplies | | | | Other (e.g. excessive drier use) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Degrees F. | Reported / Witnessed | Blower Setting On | Blower Setting Auto | | Yes | No | Total Area Estimate (Sq. Ft.) | Yes | No | Estimated Area Covered (%) | Yes | No | Yes | No | Evidence | Master Bedroom | Bath | Other Bedroom | Air Handler Zone | Most Doors | AM | PM | Blower Setting On | Blower Setting Auto | Bath | Kitchen | Other | Never | Some | Always | Mean % | Standard Deviation % | All Supplies Yes | All Supplies No | |
| 29 | | 70 | R | | ● | 2 people, 1 pet | ● | | 200 | | ● | | | ● | | ● | | ● | | | | | | | | ● | | | | | ● | | | | ● | | |
| 16 | 75 | 73 | W | | ● | 3 people | ● | | 10 | ● | | 75 | | ● | ● | | Temp. at ceiling marriage line >85F; ceiling temp. 75F | | | | | | | | | ● | ● | | | | ● | | | | | | C14, C15-in laundry room |
| 17 | 72 | 72 | R | | ● | 4 people | | ● | | | ● | | | ● | | | | ● | | | | | ● | | | ● | | | | | ● | | | | | | borderline drier (2 kids) |
| 19 | 70 | 70-72 | W | | ● | 4 people, 3 dogs | ● | | 200 | | ● | | | ● | | ● | | ● | | | | | ● | ● | | ● | | | | | ● | | | | | | |
| 27 | 70 | 72 | W | | | 4 people | | ● | | | ● | | | ● | ● | | location of damage | | | | | | | | | ● | | | | | ● | | | | | | |
| 13 | 75 | 70-75 | R | | | 3 people | | ● | | | ● | | | ● | ● | | C16 | | | | | | | | | ● | | | | ● | | | | | | | |
| 14 | 70 | 70 | R | | ● | 2 people | ● | | 10 | | ● | | | ● | ● | | No bolts; condensation at ridge of ceiling | | | ● | | | | | | ● | ● | | | ● | | | | | | | |
| 28 | 70 | 65-70 | R | | | 7 people | | ● | | | ● | | ● | | ● | | | ● | | ● | | | | | | ● | ● | ● | kit-always on | | | ● | | | | | drier (5 kids) |
| 32 | 72 | 72 | W | | | 4 people | ● | | 10 | | ● | | | ● | ● | | gasketing not visible - wood to wood tight | ● | | ● | | ● | ● | ● | | | | | Utility area - manual | | ● | | | | | | drier use every day |
| 64 | 73 | 72 | R | | ● | 2 people | ● | | 30-50 | ● | | 95 | | ● | ● | | pressure checks; stains at ceiling near marriage line | | | | | | | | | | ● | ● | hall | | ● | | | | | | |
| 65 | 75 | 72-74 | R/W | | ● | 2 people | | ● | | | ● | | | ● | | ● | | | | | | | | | | ● | ● | ● | | | | | | | | | |
| 25 | 72 | 70-72 | W | | | 2 people | ● | | 10 | | ● | | | ● | ● | | damage @ marriage wall | | | | | | | | | ● | | | | | ● | | | | ● | | |
| 52 | 73 | | | | | | ● | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | ● | | excessive fan/drier use |
| 70 | 67 | 73 | R/W | | ● | 4 people; 1 dog | ● | | 10 | | ● | | | ● | ● | | pressures | | | ● | | | ● | ● | | ● | ● | ● | | ● | | | | | | | |
| 26 | 70 | 70 | W | | ● | 2 people | | ● | | | ● | | | ● | ● | | marriage wall problems | | | | | | | | | ● | | | | ● | | | | | ● | | |

## Table C-4. Visual/Interview Findings (continued)

| Home ID Number | As Found Interior Temperatures (Degrees F.) | Summer Setpoint | | | | # of People, Pets & Other H20 Sources in Home | Tears in Bottom Board | | | Ground Cover Present | | | Dryer Duct Dumping into Crawl | | Suspect Unsealed Marriage Line | | | Doors that are Typically Closed | | | | | | | Manual Vent Control | | | | | Vent Control Use | | | Unbalanced Supplies | | | | Other (e.g. excessive drier use) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Degrees F. | Reported / Witnessed | Blower Setting On | Blower Setting Auto | | Yes | No | Total Area Estimate (Sq. Ft.) | Yes | No | Estimated Area Covered (%) | Yes | No | Yes | No | Evidence | Master Bedroom | Bath | Other Bedroom | Air Handler Zone | Most Doors | AM | PM | Blower Setting On | Blower Setting Auto | Bath | Kitchen | Other | Never | Some | Always | Mean % | Standard Deviation % | All Supplies Yes | All Supplies No | |
| 1 | 70 | 75 | | | | | ● | | 4 | ● | | 20 | ● | | | ● | | | | | | | | | | | | | | | | | | 40 | ● | | |
| 10 | | 75 | R | | ● | 4 people | | ● | | | ● | | | ● | ● | | C16; wall damage | | | | | | | | | ● | | | | ● | | | | | ● | | |
| 11 | 69 | 70 | W | | ● | 4 people; 1 pet | ● | | 10 | ● | | 70 | | ● | ● | | | | | | | | | | | ● | | | | | ● | | | | | ● | |
| 12 | 70 | 73 | R | | ● | 4 people | ● | | 25 | ● | | 80 | | ● | | ● | | ● | | | | | ● | ● | | ● | | | | | ● | | | | | ● | |
| 30 | 77 | N/A | | | | N/A - model home | ● | | 10 | | ● | | | ● | | | | | | | | | | | | | | | Vent in hall | ● | | | | | ● | | |
| 58 | 75 | | | | | | ● | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | excessive fan/drier use |
| 61 | 68 | | | | | | ● | | | ● | | | | | ● | | | | | | | | | | | | | | | | | | | | | | |
| 62 | 80 | 72-75 | R/W | | ● | 2 people, 3 aquariums, dogs | ● | | 20 | | ● | | | ● | ● | | Side wall sealed inside but not at exterior | | | ● | | | | | | | ● | ● | | | ● | | | | | | C5,C14,C26, box fan in master bdrm |
| 67 | 76.5 | 75 | W | | ● | 5 people | ● | | 20 | | ● | | ● | | | | | | | ● | | | | | | | ● | ● | bath fans always used | | ● | ● | | | | | |
| 3 | 68 | 70 | | | | | ● | | 30 | ● | | 30 | ● | | | ● | | ● | | | | | | | | | | | | | | | | 62 | ● | | |
| 41 | 77 | 80 | W | | ● | 2 people,1 dog | | ● | | | | | ● | | | ● | | | | | | | | | | | ● | ● | | ● | | | | | | | |
| 69 | 74 | 72 | R | | ● | 4 people, 1 cat | ● | | 4 | | ● | | ● | | | ● | | ● | | ● | | | | | | | ● | ● | ● | | ● | | | | | | 4-6 drier loads per week |
| 7 | 70 | 65 | | | | | | ● | | ● | | 98 | | ● | | | | | | | | | | | | | | | | | | | | 23 | ● | | |
| 9 | 70 | 69-72 | W | | ● | 2 people | | ● | | | ● | | | ● | | ● | | | | | | | | | | ● | | | | ● | | | | | ● | | |
| 31 | 73 | 75-78 | R | | | 3 people | | ● | | | ● | | | ● | | | N/A | ● | ● | | | ● | ● | ● | | | | | manual blower; hall | ● | | | | | ● | | drier 3+ times/week |
| 43 | 68-70 | | | | | | ● | | | ● | | | | ● | | | | ● | | | | | | | | | | | | | | | | | | | excessive fan/drier use |
| 56 | 71 | | | | | | ● | | | | ● | | | | ● | | | | | | | | | | | | | | | | | | | | | | |
| 57 | | | | | | | ● | | | | ● | | | | ● | | | | | | | | | | | | | | | | | | | | | | |
| 63 | | 75-80 | R/W | | ● | 2 people | | ● | | | ● | | ● | | | | | | | | | | | | | | | | | | ● | | | | | | |

## Table C-4. Visual/Interview Findings (continued)

| Home ID Number | As Found Interior Temperatures (Degrees F.) | Summer Setpoint | | | | # of People, Pets & Other H20 Sources in Home | Tears in Bottom Board | | | Ground Cover Present | | | Dryer Duct Dumping into Crawl | | Suspect Unsealed Marriage Line | | | Doors that are Typically Closed | | | | | | | Manual Vent Control | | | | | Vent Control Use | | | Unbalanced Supplies | | | | Other (e.g. excessive drier use) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Degrees F. | Reported / Witnessed | Blower Setting On | Blower Setting Auto | | Yes | No | Total Area Estimate (Sq. Ft.) | Yes | No | Estimated Area Covered (%) | Yes | No | Yes | No | Evidence | Master Bedroom | Bath | Other Bedroom | Air Handler Zone | Most Doors | AM | PM | Blower Setting On | Blower Setting Auto | Bath | Kitchen | Other | Never | Some | Always | Mean % | Standard Deviation % | All Supplies Yes | All Supplies No | |
| 66 | 80 | 80-82 | R/W | | ● | 4 people | ● | | 10 | | ● | | | ● | ● | | stains at marriage line | | | ● | | | | ● | | ● | ● | ● | | | ● | | | | | | vent control use: rarely |
| 2 | 65 | 70 | | | | | | ● | | ● | | 60 | ● | | | ● | | | | | | | | | | | | | | | | | | 39 | ● | | |
| 4 | | | | | | | | ● | | ● | | 20 | ● | | | ● | | | | | | | | | | | | | | | | | | 43 | ● | | |
| 8 | 74 | 70-75 | W | | ● | 4 people; 1 pet | ● | | 25 | | ● | | | ● | ● | | C16 | ● | | | | | | | | ● | | | | ● | | | | | ● | | |
| 23 | 75 | 76 | W | | | 4 people, 1 dog, 1 cat | ● | | 3 | | ● | | | ● | | ● | | ● | | | | | | | | ● | | | bath-off; kit-off | ● | | | | | | | |
| 38 | 75 | 72 | R | | ● | 2 people | | ● | | | | | ● | | | ● | | | | | | | | | | | ● | ● | | | ● | | | | ● | | |
| 44 | 67-75 | | | | | | | | | | ● | | ● | | | | | ● | | | | | | | | | | | | | | | | | ● | | |
| 46 | | | | | | | | | | | ● | | | | | | | ● | | | | | | | | | | | | | | | | | ● | | excessive fan/drier use |
| 47 | | | | | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | ● | | excessive fan/drier use |
| 48 | | | | | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 49 | | | | | | | | | | | | | | | | | | ● | | | | | | | | | | | | | | | | | ● | | |
| 55 | 69-72 | | | | | | ● | | | | ● | | | | | | | x | | | | | | | | | | | | | | | | | ● | | |
| 60 | 67-77 | | | | | | ● | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | ● | | |
| 68 | | 72 | R | | | 6 people, 1 cat | ● | | 20 | | ● | | | ● | | | | | | ● | | | | ● | | | ● | | | | ● | | | | | | |
| 5 | 70 | 68 | | | | | | | | ● | | 42 | ● | | | ● | | | | | | | | | | | | | | | | | | 42 | ● | | |
| 33 | 76 | 76 | | | | 2 people, 2 pets | ● | | 1 | | | | | ● | | ● | | | | | | | | | | ● | | | bath-off; kit-off | ● | | | | | | | |
| 37 | 75 | 78 | R | | ● | 2 people | | ● | | | | | | ● | | | | | | | | | | | | | | | manual bath vent | ● | | | | | ● | | |
| 42 | 73 | 85 | R | | ● | 1 person | | ● | | | | | | ● | | | | | | | | | | | | | | | manual hall vent | ● | | | | | ● | | drier use 4 times/week |

## Table C-4. Visual/Interview Findings (continued)

| Home ID Number | As Found Interior Temperatures (Degrees F.) | Summer Setpoint | | | | # of People, Pets & Other H20 Sources in Home | Tears in Bottom Board | | | Ground Cover Present | | | Dryer Duct Dumping into Crawl | | Suspect Unsealed Marriage Line | | | Doors that are Typically Closed | | | | | | | Manual Vent Control | | | | | Vent Control Use | | | Unbalanced Supplies | | | | Other (e.g. excessive drier use) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Degrees F. | Reported / Witnessed | Blower Setting On | Blower Setting Auto | | Yes | No | Total Area Estimate (Sq. Ft.) | Yes | No | Estimated Area Covered (%) | Yes | No | Yes | No | Evidence | Master Bedroom | Bath | Other Bedroom | Air Handler Zone | Most Doors | AM | PM | Blower Setting On | Blower Setting Auto | Bath | Kitchen | Other | Never | Some | Always | Mean % | Standard Deviation % | All Supplies Yes | All Supplies No | |
| 45 | | | | | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | ● | | C5 |
| 50 | 75-80 | | | | | | ● | | | | | | | | | | | ● | | | | | | | | | | | | | | | | | | | |
| 51 | 70-78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 53 | 72-80 | | | | | | | | | | ● | | | ● | | | | | | | | | | | | | | | | | | | | | | | C9 |
| 54 | 72-80 | | | | | | | | | | ● | | | ● | | | | | | | | | | | | | | | | | | | | | | | C9 |
| 59 | 77 | | | | | | ● | | | | ● | | | | ● | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 70 | | | | | | | ● | | ● | | 47 | | ● | | ● | | | | | | | | | | | | | | | | | 47 | ● | | | |
| 34 | 75 | 72-75 | R | | | 6 people, 3 fish | | ● | | | | | | ● | | ● | | ● | | ● | | ● | ● | ● | | | | | manual utility vent | | ● | | | | | | daily drier use (5 kids) |
| 35 | 79 | 78 | R | | ● | 1 person | ● | | 1 | | | | ● | | | | | | | | | | | | | | ● | ● | | | | ● | | | ● | | |
| 36 | 76 | 78 | | | | 1 person | | ● | | | | | | | | | | | | | | | | | | | | | manual hall vent | ● | | | | | | | no drier |
| 39 | 76 | 76 | R | | ● | 2 people | | ● | | | ● | | | ● | | ● | | ● | | ● | | | | ● | | | | | manual mstr bdrm vent | ● | | | | | ● | | |
| 40 | 75 | 72 | R | | ● | 1 person | | ● | | | | | | ● | | ● | | | | | | | | | | | | | | ● | | | | | ● | | |
| 71 | 74 | 78 | R | | ● | 2 people | | ● | | ● | | 100 | | ● | | ● | | | | | | | | | | | | | hall | ● | | | | | | | |
| 72 | 78 | 78 | R | | ● | 2 people | | ● | | ● | | 100 | | ● | | ● | | | | | | | | | | | | | hall | ● | | | | | | | |
| 73 | 78 | 78 | R/W | | ● | 2 people (5 until recently) | ● | | 5 | ● | | 90 | | ● | | ● | | | | | | | | | | | | | | | ● | | | | | | drier 2-3 hours/day |

## Table C-5. HVAC Equipment

| Home ID Number | A/C Capacity (Tons) | Indoor Coil Type | | | Filter Condition | | | Coil Condition | | | Pan Condition | | | Line-Set with Durable Seal to Floor | | Conden-sate to Outside? | | Inside Blower Setting (1) | | Inside Blower Setting (2) | | | | | Vent Strategy | | | | | Vent Function | | | | | Ducts | | | | | Supplies | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2-Row | 3-Row | 4-Row | Very Dirty | Dirty | Clean | Very Dirty | Dirty | Clean | Very Dirty | Dirty | Clean | Yes | No | Yes | No | Heat | Cool | Low | Med-Low | Med | Med-High | High | Blend Air I or II | Dampered Intake at A/H | Up/On/Down-Stream of Coil | Hall Fan | Other | Working as Designed | Failed | Intentionally Disabled | Always Off | Always On | Metal | Fiber Board | Flex | Floor | Attic | # Perimeter | # Center | # Branch | # Ceiling |
| 29 | 3.5 | | ● | | | ● | | | ● | | | ● | | Y | | | | ● | ● | ● | | | | ● | | | ● | | | | | ● | | ● | | | | | | | 7 | | |
| 16 | 4 | ● | | | | | ● | | ● | | | ● | | | N | Y | | | ● | | | | | ● | ● | | | | C1 | | | | ● | | ● | | | ● | | | 11 | 3 | |
| 17 | 4 | | ● | | | | ● | | | ● | | ● | | Y | | Y | | ● | ● | | ● | | | ● | | | ● | | | | | | | ● | ● | | | | | | 7 | 1 | |
| 19 | 4 | | | ● | | | ● | | | ● | | | ● | Y | | Y | | ● | ● | | ● | | | ● | | | | ● | | | | ● | | | | ● | ● | | ● | | | 15 | |
| 27 | 5 | | | ● | | | ● | | | ● | | | ● | Y | | Y | | ● | ● | | ● | | | ● | | | ● | | | ● | | | | | | ● | | | | 15 | | | |
| 13 | 4 | | ● | | | | ● | | | ● | | | ● | Y | | Y | | ● | ● | | ● | | | ● | ● | | | | | | ● | | | ● | | | | | | 13 | | |
| 14 | 3.5 | | ● | | ● | | | | ● | | | ● | | | N | Y | | | ● | | | | | ● | ● | | | | C15 | ● | | | | | ● | | | ● | | | 12 | 2 | |
| 28 | 5 | ● | | | | ● | | | ● | | | ● | | Y | | Y | | ● | ● | | ● | | | ● | | | ● | | | | | ● | | | | ● | | | | 14 | | | |
| 32 | 3.5 | | ● | | ● | | | | | ● | | | ● | Y | | Y | | | | | | | | | | | | | manual vent | ● | | | | | | | ● | ● | | 0 | | | 0 |
| 64 | 4 | | ● | | | | ● | | | ● | | ● | | | N | Y | | | | | | | | | | | | ● | kitchen; bath | ● | | | | | ● | | | | | | 8 | 1 | |
| 65 | 5 | | | | | | ● | | | | | | | | | Y | | | | | | | | | | | | | | | | | | | | ● | ● | | | | | | |
| 25 | 4 | | ● | | | | ● | | | ● | | | ● | Y | | Y | | ● | ● | | | ● | | ● | | | ● | | | ● | | | | | ● | | | | | | 12 | | |
| 52 | 4 | | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70 | 4 | | ● | | | ● | | | ● | | | ● | | Y | | Y | | ● | ● | | ● | | | ● | ● | ● | Up | | C1,C10 | | ● | | | | ● | | | | | | 12 | | |
| 26 | 5 | | | ● | | | ● | | | ● | | | ● | Y | | Y | | ● | ● | | ● | | | ● | | | ● | | | ● | | | | | ● | | | | | | 12 | | |
| 1 | 3 | | ● | | | ● | | | | | | | | | | | | | | | | | | | ● | | | | C10,C15 | | | ● | | | | | | | | | | | |
| 10 | 4 | | ● | | ● | | | | | ● | | | ● | Y | | Y | | ● | ● | ● | | | | ● | | ● | | | | | ● | | | | ● | | | | | | 13 | | |
| 11 | 3 | ● | | | | ● | | | ● | | | ● | | | N/A | | N | ● | ● | | ● | | | ● | | | | ● | C28 | | | | ● | | ● | | | | | | 11 | | |
| 12 | 3 | ● | | | | | ● | | | ● | | ● | | | N/A | | N | ● | ● | ● | | | | ● | | | | ● | C28 | | | | ● | | ● | | | | | | 9 | | |
| 30 | 3 | ● | | | | ● | | | ● | | | ● | | | | Y | | | ● | | | | | | | | | ● | | ● | | | | | | | ● | | ● | | | | 9 |
| 58 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | C11 | | | | | | | | | | | | | | |

## Table C-5. HVAC Equipment (continued)

| Home ID Number | A/C Capacity (Tons) | Indoor Coil Type | | | Filter Condition | | | Coil Condition | | | Pan Condition | | | Line-Set with Durable Seal to Floor | | Conden-sate to Outside? | | Inside Blower Setting (1) | | Inside Blower Setting (2) | | | | | Vent Strategy | | | | | | Vent Function | | | | | Ducts | | | | | Supplies | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2-Row | 3-Row | 4-Row | Very Dirty | Dirty | Clean | Very Dirty | Dirty | Clean | Very Dirty | Dirty | Clean | Yes | No | Yes | No | Heat | Cool | Low | Med-Low | Med | Med-High | High | Blend Air I or II | Dampered Intake at A/H | Up/On/Down-Stream of Coil | Hall Fan | Other | Working as Designed | Failed | Intentionally Disabled | Always Off | Always On | Metal | Fiber Board | Flex | Floor | Attic | # Perimeter | # Center | # Branch | # Ceiling |
| 61 | 3 | | | | | | | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 62 | 3.5 | | ● | | | ● | | | ● | | ● | | | | N | Y | | ● | ● | | ● | | | ● | ● | | | | C26 | | ● | | | | ● | | | | | | 12 | 1 | |
| 67 | 3.5 | | | | | | ● | | | ● | | | ● | | | | | | | | | | | | | | ● | kitchen; bath | ● | | | | | | ● | ● | | | | | | | 9 |
| 3 | 3 | | ● | | | ● | | | | | | | | | | | | | | | | | | | ● | | | | C10,C15 | | | ● | | | | | | | | | | | | |
| 41 | | | | | | | ● | | | | | | | | | Y | | | ● | | | | | | | | | | ● | ● | | | | | | | ● | | | | | | 2 | 5 |
| 69 | 3 | | ● | | ● | | | | | ● | | | ● | | | | | | | | | | | | | | ● | kitchen; bath | ● | | | | | | ● | ● | | ● | | | | | 9 |
| 7 | 4 | | ● | | | ● | | | | | | | | | | | | | | | | | | | ● | | | | | | ● | | | | | | | | | | | | | |
| 9 | 4 | | ● | | | | ● | | | ● | | | ● | Y | | Y | | ● | ● | | ● | | | ● | ● | | | | | ● | | | | ● | | | | | | | 11 | | |
| 31 | 3.5 | | ● | | | | ● | | | ● | | | ● | | | Y | | | | | | | | | | | ● | | ● | | | | | | ● | ● | | ● | | | | | 9 |
| 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | C1 | | | | | | | | | | | | | | | |
| 56 | | | | | | ● | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57 | | | | | | ● | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 63 | | | ● | | ● | | | | | ● | | ● | | Y | | Y | | ● | ● | | | | ● | ● | | | | | | | | | | ● | | | ● | | | 9 | | |
| 66 | 4 | | ● | | | | ● | ● | | | | ● | | | | Y | | | | ● | | | | | | | | | | | | | | | | ● | | ● | | | | | |
| 2 | 3 | | ● | | | | ● | | | | | | | | | | | | | | | | | | ● | | | C10,C15 | | | | | | | | | | | | | | | |
| 4 | 3 | | ● | | | ● | | | | | | | | | | | | | | | | | | | ● | | | | ● | | | | | | | | | | | | | | |
| 8 | 4 | | ● | | ● | | | ● | | | ● | | | Y | | Y | | ● | ● | ● | | | ● | | ● | | | | | | ● | | | ● | | | | | | | 11 | | |
| 23 | 4 | | | ● | | ● | | | | ● | | | ● | | | | | | ● | | | | | ● | | | | ● | | | | | | | ● | | ● | | | | | | 13 |
| 38 | 2 | | | | | ● | | | | | | | | | | Y | | | | | | | | | | | | | | ● | | | | | | | ● | ● | ● | | | 2 | 6 |
| 44 | | | | | | | | | | | | | | | | | | | | | | | | | | | | C1 | | | | | | | | | | | | | | | |
| 46 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | C1 | | | | | | | | | | | | | | | |

## Table C-5. HVAC Equipment (continued)

| Home ID Number | A/C Capacity (Tons) | Indoor Coil Type | | | Filter Condition | | | Coil Condition | | | Pan Condition | | | Line-Set with Durable Seal to Floor | | Conden-sate to Outside? | | Inside Blower Setting (1) | | Inside Blower Setting (2) | | | | | Vent Strategy | | | | | Vent Function | | | | | Ducts | | | | | Supplies | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2-Row | 3-Row | 4-Row | Very Dirty | Dirty | Clean | Very Dirty | Dirty | Clean | Very Dirty | Dirty | Clean | Yes | No | Yes | No | Heat | Cool | Low | Med-Low | Med | Med-High | High | Blend Air I or II | Dampered Intake at A/H | Up/On/Down-Stream of Coil | Hall Fan | Other | Working as Designed | Failed | Intentionally Disabled | Always Off | Always On | Metal | Fiber Board | Flex | Floor | Attic | # Perimeter | # Center | # Branch | # Ceiling |
| 48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 49 | 4 | | | | | | | | | ● | | | | | | | | | | | | | | | | | | | C1 | | | | | | | | | | | | | | |
| 55 | | | | | | ● | | | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 68 | 5 | | | | | ● | | | ● | | | | ● | | | Y | | | | | | | | | | | | | ● | | | | | | ● | ● | | | | | | | 12 |
| 5 | 3 | | ● | | | ● | | | | | | | | | | | | | | | | | | ● | | | | C13 | | | | | | | | | | | | | | | |
| 33 | 3.5 | | | ● | | | ● | | | ● | | | ● | | | | | | ● | | | | ● | | | | ● | | | | | ● | | ● | | ● | | ● | | | | | 11 |
| 37 | 2 | | | | | | ● | | | | | | | | | Y | | | ● | | | | | | | | | | C26; bdrm fan | ● | | | | | | ● | ● | ● | | | 3 | 5 |
| 42 | 2.5 | | | | ● | | | | | | | | | | | Y | | | ● | | | | | | | | ● | C26 | ● | | | | | | | ● | ● | ● | | | 4 | 7 |
| 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | C6 | | | | | | | | | | | | | | | |
| 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 59 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 4 | ● | | | | | ● | | | | | | | | | | | | | | | | | | | | | passive | | | ● | | | | | | | | | | | | |
| 34 | 3 | | | | ● | | | | | | | | | | | Y | | | | | | | | | | | | ● | ● | | | | | | | ● | | | 0 | | | 10 |
| 35 | 3 | | | | | | ● | | | | | | | | | Y | | | | | | | | | | | | | ● | | | | | | | ● | ● | | | | 2 | 5 |
| 36 | 2 | ● | | | | ● | | | ● | | ● | | | | | Y | | | ● | | | | | | | | ● | C26 | ● | | | | | | | ● | | | | | 1 | 7 |
| 39 | 5 | | ● | | | | ● | | | ● | | | ● | | | Y | | | ● | | | | | | | | | mstr bdrm | ● | | | ● | | | | ● | | ● | | | | 13 |
| 40 | 3 | ● | | | ● | | | | | ● | | | ● | | | Y | | | | | | | | | | | | | ● | | | | | | | ● | ● | ● | | | | 8 |

## Table C-5. HVAC Equipment (continued)

| Home ID Number | A/C Capacity (Tons) | Indoor Coil Type | | | Filter Condition | | | Coil Condition | | | Pan Condition | | | Line-Set with Durable Seal to Floor | | Conden-sate to Outside? | | Inside Blower Setting (1) | | Inside Blower Setting (2) | | | | | Vent Strategy | | | | | Vent Function | | | | | Ducts | | | | | Supplies | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2-Row | 3-Row | 4-Row | Very Dirty | Dirty | Clean | Very Dirty | Dirty | Clean | Very Dirty | Dirty | Clean | Yes | No | Yes | No | Heat | Cool | Low | Med-Low | Med | Med-High | High | Blend Air I or II | Dampered Intake at A/H | Up/On/Down-Stream of Coil | Hall Fan | Other | Working as Designed | Failed | Intentionally Disabled | Always Off | Always On | Metal | Fiber Board | Flex | Floor | Attic | # Perimeter | # Center | # Branch | # Ceiling |
| 71 | 3 | | | | | | | | | | | | | | | Y | | | ● | | | | | | | | | ● | | ● | | | | | | | ● | | ● | | | | 9 |
| 72 | 3 | | | | | | ● | | | | | | | | | Y | | | ● | | | | | | | | | ● | | ● | | | | | | | ● | | ● | | | | 11 |
| 73 | 2.5 | ● | | | | ● | | | ● | | | | ● | | | | | | | | | | | ● | | | | ● | C15 | ● | | | ● | | | | ● | | ● | | | | 9 |

## Table C-6. Diagnostic Test Results

| Home ID Number | House CFM50 | CFM50/ Sq. Ft. | ACH50 | Duct Leak, total CFM at 25Pa | Total D.L. as % of Floor Area | Duct Leak to out, CFM at 25Pa | D.L. to out as % of Floor Area | House-floor cavity A/H-side, B-side, house @-50Pa | House-attic, house @-50Pa & house-attic, house @-0Pa, blend air systems | House-damaged wall cavity house @-50Pa | House-good wall cavity house @-50Pa | House-marriage wall cavity house @-50Pa | House-problem wall - master bedroom closed - AHU only on |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 29 | 1960 | 1.61 | | 108 | 9 | 104 | 9 | 50 | 50 | | | | |
| 16 | 3725 | 1.77 | 12.7 | 510 | 24 | 510 | 24 | 34-36 | 34.5 | | | 32.5-35.5 | |
| 17 | 702 | 0.58 | | 216 | 18 | 165 | 14 | -44 | -48 | -23 | -14 | | |
| 19 | 2260 | 1.06 | | 123 | 6 | 116 | 5.5 | -0.49 | -49 | | | | |
| 27 | 2102 | 0.86 | | 166 | 7 | 115 | 5 | -49 | -50 | -34 | -4 | -34 | -8 |
| 13 | 2148 | 1.128 | | 390 | 20.5 | 320 | 16.8 | -39 | -50 | -36 | -22 | -33 | -28 |
| 14 | 2900 | 1.9 | 14.3 | 312 | 20 | 312 | 20 | | 26 | | | 26.3 | |
| 28 | 3978 | 1.64 | | 116 | 5 | 104 | 4 | -35 | -49 | -26 | -2 | -2 | |
| 32 | 1223 | 0.97 | 6.47 | 383.5 | 30.44 | 167.5 | 13.29 | 46.8-48.5 | 4.3-4.9 | 15.8-17.3 | 9.8-10.3 | 15.8-17.3 | 18.5 |
| 64 | 1351 | 0.75 | 5.6 | 240 | 13.4 | 129 | 7.2 | 46 | 46-47 | | | 20 | |
| 65 | 1500 | 0.74 | 5.4 | 80 | | 48 | 2.3 | -9 | 48 | 32-42 | | 4-14 | |
| 25 | 2540 | 1.26 | | 524 | 26 | 509 | 25 | 48 | 50 | 39 | 9 | 37 | 12 |
| 52 | 2000 | 1 | 7.5 | 112 | 5.6 | 26 | 1.3 | | | | | | |
| 70 | 2880 | 1.47 | 10.7 | 185 | 9.4 | 155 | 7.9 | | | 30 | | 20-40 | |
| 26 | 2150 | 1.16 | | 398 | 22 | 329 | 18 | -49 | -49 | -10 | -3 | -12 | -2 |
| 1 | 1260 | 1.1 | 6.7 | 177 | 16 | 123 | 11 | -35 | -47 | -35 | -12 | | |
| 10 | 1850 | 1.001 | | 105 | 5.6 | 105 | 5.6 | -34 | -48 | -40 | -26 | | -34 |
| 11 | 2075 | 1.32 | | 205 | 13 | 186 | 12 | -49 | -46 | -17 | -27 | -17 | -1.9 |
| 12 | 1148 | 0.94 | | 101 | 8 | 98 | 8 | -43 | -46 | -29 | -27 | | -1.1 |
| 30 | 1869 | 1.43 | 10.07 | | | 844 | 64.4 | -50 | -38 | -26.2 | -24 | -2 | -4.5 |
| 58 | 1900 | 1 | | 258 | 13.2 | 58 | 3 | | | | | | |
| 61 | 1253 | 1 | | 146 | 11.6 | 55 | 4.4 | | | | | | |
| 62 | 2712 | 1.27 | 9.26 | 118 | 5.5 | 85 | 4 | 48 | -50 | 9 | 2.3 | | |
| 67 | 1450 | 1.1 | 7.8 | 212 | 16 | 134 | 10 | -1.5 | 50 | | | 6 | |
| 3 | 1618 | 1.4 | 8.6 | 161 | 14 | 112 | 10 | -43 | -45 | -28 | -36 | | |
| 41 | 1832 | 2.06 | 14.56 | 221.5 | 24.94 | 129.5 | 14.58 | -33 | -11.2 | -42 | -32.6 | -6 | |
| 69 | 1110 | 1 | 7.2 | 96 | 8.3 | 42 | 3.6 | 42 | 50 | | | 6.5 | |
| 7 | 2515 | 1 | 6.9 | 162 | 6 | 96 | 4 | | | | | | |

## Table C-6. Diagnostic Test Results (continued)

| Home ID Number | House CFM50 | CFM50/ Sq. Ft. | ACH50 | Duct Leak, total CFM at 25Pa | Total D.L. as % of Floor Area | Duct Leak to out, CFM at 25Pa | D.L. to out as % of Floor Area | House-floor cavity A/H-side, B-side, house @-50Pa | House-attic, house @-50Pa & house-attic, house @-0Pa, blend air systems | House-damaged wall cavity house @-50Pa | House-good wall cavity house @-50Pa | House-marriage wall cavity house @-50Pa | House-problem wall - master bedroom closed - AHU only on |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9 | 1880 | 1.017 | | 228 | 12.3 | 220 | 11.9 | -48 | -46 | -30 | -12 | -6 | -32 |
| 31 | 1324 | 1.11 | 66.75 | 221.5 | 18.6 | 80 | 6.7 | -38 | | | 3-14 | | |
| 43 | 2453 | | | 184 | | 134 | | | | | | | |
| 56 | 3967 | 2.2 | | 510 | 28.5 | 505 | 28.2 | | | | | | |
| 57 | 3173 | 1.8 | | 197 | 11 | 100 | 5.6 | | | | | | |
| 63 | 1070 | 0.8 | 6 | 197 | 14.7 | 110 | 8 | 34-39 | 45 | 14 | 0.5 | 0.5 | |
| 66 | 2030 | 1.17 | 8.8 | 58 | 3.3 | 37 | 2.1 | -3 | 48 | | | 6 | |
| 2 | 1347 | 1.2 | 7.2 | 74 | 7 | 56 | 5 | -48 | -48 | -42 | -13 | | |
| 4 | 1188 | 1.1 | 6.32 | 201 | 18 | 103 | 9 | -18 | -45 | -37 | -38 | | |
| 8 | 1780 | 1.135 | | 51 | 3.25 | 35 | 2.2 | -46 | -50 | -26 | -19 | -41 | |
| 23 | 1260 | 0.85 | 5.7 | 188 | 12.8 | 175 | 11.9 | | | | | -2 | |
| 38 | 2039 | 2.3 | 16.21 | 178.5 | 20.1 | 111 | 12.5 | -11.3 | 0 | | -24 | -2 | |
| 44 | 1789 | 1.3 | 9.7 | 329 | 24 | 290 | 21.2 | | | | | | |
| 46 | 1271 | | | 188 | | 130 | | | | | | | |
| 47 | 1507 | | | 204 | | 166 | | | | | | | |
| 48 | 1336 | | | 162 | | 98 | | | | | | | |
| 49 | 2564 | | | 285 | | 110 | | | | | | | |
| 55 | 1187 | 1.2 | | 286 | 28.4 | 229 | 22.7 | | | | | | |
| 60 | 2683 | 1.3 | | 185 | 8.7 | 95 | 4.5 | | | | | | |
| 68 | 1940 | 0.97 | 7.1 | 122 | 6.1 | 75 | 3.7 | | | | | | |
| 5 | 1500 | 1.3 | 7.98 | 188 | 17 | 150 | 13 | -49 | -43 | -33 | -41 | | |
| 33 | 1240 | 0.79 | 5.2 | 198 | 12.6 | 162 | 10.4 | | | | | -4 | |
| 37 | 1204 | 1.22 | 8.1 | 248 | 25 | 145.5 | 14.7 | -52.5 | | | -18.2 | -6.5 | |
| 42 | 1920 | 2.03 | 14.4 | 167.5 | 17.7 | 92.5 | 9.8 | | -19 | | -24.4 | -15.2 | |
| 45 | 3247 | | | 430 | | 328 | | | | | | | |
| 50 | | | 6.6 | | | | 2.3 | | | | | | |
| 51 | | | 8 | | | | | | | | | | |
| 53 | 835 | 0.9 | 7 | 114 | 12.7 | 48 | 5.3 | -36.4 | | | | | |
| 54 | | | | | | | | | | | | | |

## Table C-6. Diagnostic Test Results (continued)

| Home ID Number | House CFM50 | CFM50/ Sq. Ft. | ACH50 | Duct Leak, total CFM at 25Pa | Total D.L. as % of Floor Area | Duct Leak to out, CFM at 25Pa | D.L. to out as % of Floor Area | House-floor cavity A/H-side, B-side, house @-50Pa | House-attic, house @-50Pa & house-attic, house @-0Pa, blend air systems | House-damaged wall cavity house @-50Pa | House-good wall cavity house @-50Pa | House-marriage wall cavity house @-50Pa | House-problem wall - master bedroom closed - AHU only on |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 59 | 2496 | | | 85 | | 37 | | | | | | | |
| 6 | 1301 | 1.2 | 8.2 | 216 | 19 | 176 | 16 | -26 | -46 | -38 | -20 | | |
| 34 | 2112 | 1.69 | 11.28 | 953.05 | 76.53 | 895.25 | 71.73 | 40 | 12 | | 13.2 | 4.4 | |
| 35 | 2168 | 2.74 | 19.32 | | 19 | 104 | 13.13 | 48 | -16.8 | | -20 | -6.3 | |
| 36 | 1210 | 1.87 | 13.2 | 148 | 22.8 | 68 | 10.5 | -52.5 | -40.4 | | -6.5 | | |
| 39 | 1810 | 0.737 | 5.2 | 112.5 | 4.6 | 75.5 | 3.1 | 36-48 | 5 | | 9.5-19.4 | 33.2 | |
| 40 | 1580 | 1.65 | 11.62 | 177 | 18.44 | 102 | 10.63 | | -3.6 | | -31 | -5 | |
| 71 | 841 | 0.67 | 4.4 | 70 | 5.5 | 25 | 2 | | | | -20 | 0.1 | |
| 72 | 1383 | 0.82 | 5.5 | 52.5 | 3.1 | 17.5 | 1 | | -15 | | -15 | -9.4 | |
| 73 | 1515 | 1.2 | 8.2 | 202 | 16 | 142 | 11 | 25-30 | 47 | | 40 | 10 | |

## Table C-7. Pressure Mapping

| # | House to out, AHU Off | House to out, AHU on, doors open | House to out, master bedroom closed, AHU on | House to out, all bedrooms or all interior doors closed, AHU on | House to out, all bedrooms or all interior doors closed, AHU on, exhaust vents on, worst case | Master bedroom-living room, door closed, AHU on | Bedroom 2-living room, door closed, AHU on | Bedroom 3-living room, door closed, AHU on |
|---|---|---|---|---|---|---|---|---|
| 29 | -0.5 | -2 | -7.6 | -11.2 | -11.5 | 26 | 6 | 22.5 |
| 16 | 0.1-0.2 | 0.3-0.5 | 1.0-1.3 | 1.2-1.3 | 1.4-1.7 | 1.6-1.8 | 0.7-0.8 | 1.9-1.1 |
| 17 | 0 | -1.4 | -3.7 | -5.3 | -6.4 | 7.5 | 2.8 | 5.3 |
| 19 | 0 | -0.9 | -2.7 | -2.9 | -3.8 | 5.9 | 4.4 | 3.8 |
| 27 | -0.2 | -1.9 | -2.8 | -4.9 | -5.9 | 8.4 | 1.4 | 3 |
| 13 | 0 | -2.4 | -2.9 | -3.2 | -3.9 | 2.8 | 0.6 | 1.2 |
| 14 | 0.2 | 0.5 | 0.8 | 1.2 | 1.3 | 1.1 | 0.6 | 1.4 |
| 28 | 0 | -0.4 | -1.3 | | -1.8 | 8.2 | | |
| 32 | 0 | 1 | -0.5 | -2.4 | -2.5 | 5.5 | 1.5 | 4.5 |
| 64 | 0 | 0 | -0.8 | -1 | -6 | 4 | 7.5 | 2 |
| 65 | 0 | -0.6 | -1.4 | -2 | -6.2 | 4.2 | 2.8 | 1.2 |
| 25 | 0 | -3.6 | -3.6 | -4.3 | -5.4 | 5.3 | 4.2 | 1.7 |
| 52 | 0 | 0.25 | -0.5 | -1.2 | | 5.5 | 1.4 | 2.4 |
| 70 | -0.4 | -0.9 | -2 | -2.2 | | | | |
| 26 | 0 | -3.9 | -8.4 | -8.6 | -10.3 | 8.2 | 1.4 | 7.3 |
| 1 | | -1.5 | -7 | | -9 | 20 | | |
| 10 | 0 | -0.3 | -2 | -4.2 | -6.1 | 3.1 | 1.3 | 0.8 |
| 11 | 0 | -1.3 | -3.2 | -3.2 | -3.8 | 5.8 | 1.1 | 0.6 |
| 12 | 0 | -3.9 | -4.6 | -3.3 | -4.9 | 5.4 | 2 | 0.6 |
| 30 | 0 | -5.5 | -6.3 | -6 | -8.1 | 3.2 | 1.3 | 1.4 |
| 58 | 0 | 0 | | -2 | | 2.3 | 1.7 | 1.5 |
| 61 | 0 | 0 | -1 | -1.8 | | 4.8 | 2 | 1.3 |
| 62 | -0.3 | -0.7 | -2 | -2 | -4.5 | 1 | 1 | 1.5 |
| 67 | -0.6 | -2 | -2.5 | -2.6 | -10.6 | 2.4 | 1.3 | 1.1 |
| 3 | | -4.9 | -8.8 | | | 15.5 | | |
| 41 | 0.1 | 0.2 | 0.2 | 0.3 | 0 | 0.7 | | |
| 69 | 0 | -0.8 | -2.4 | -2.8 | -11.5 | 3 | 5.8 | 0.5 |
| 7 | | | | | | | | |
| 9 | 0 | -3 | -3 | -4 | -5 | -4 | 1.4 | 1.2 |
| 31 | 0.3 | -1.3 | -1.9 | -2.8 | -4 | 3 | 1.4 | 1.3 |

## Table C-7. Pressure Mapping (continued)

| # | House to out, AHU Off | House to out, AHU on, doors open | House to out, master bedroom closed, AHU on | House to out, all bedrooms or all interior doors closed, AHU on | House to out, all bedrooms or all interior doors closed, AHU on, exhaust vents on, worst case | Master bedroom-living room, door closed, AHU on | Bedroom 2-living room, door closed, AHU on | Bedroom 3-living room, door closed, AHU on |
|---|---|---|---|---|---|---|---|---|
| 43 | 0.1 | -0.3 | -1.4 | | | 5.2 | 5.1 | 3.6 |
| 56 | | -1.8 | | | | 2.9 | 2.4 | 0.8 |
| 57 | | | | | | | | |
| 63 | 0 | -1.7 | -5.5 | -7.7 | -16 | 15.5 | 6.2 | 5.6 |
| 66 | 0 | 0 | 0 | -0.6 | -3 | 2.5 | 1.8 | |
| 2 | | -1 | -10 | | | 9 | | |
| 4 | | -2 | -5 | | | 13.3 | | |
| 8 | -4 | -6.5 | -6.5 | -5 | -7 | 0 | 0.5 | 1.5 |
| 23 | -0.1 | -1.1 | -1.2 | -1.4 | -7.4 | 3.8 | 2.5 | 2.1 |
| 38 | 0.3 | 0.4 | 0.3 | 0.6 | 0 | 0.5 | 0.3 | |
| 44 | -0.2 | -2.6 | -5.7 | -5.8 | | 6.7 | 1 | 3.4 |
| 46 | 0 | -1 | -1.1 | -2 | | 4 | 2.3 | 2.7 |
| 47 | -0.5 | -0.8 | -0.7 | -2.5 | | 2.8 | 3 | 6.6 |
| 48 | 0 | -0.4 | -0.9 | -2 | | 5 | 2.1 | 2.3 |
| 49 | 0 | -1.4 | -1.5 | -1.2 | | 1.3 | 2.1 | 2.1 |
| 55 | 0 | -2.5 | | -4.5 | | 2.2 | 1.5 | 17 |
| 60 | 0 | -0.2 | | -1.2 | | 4.2 | 1.2 | 1.3 |
| 68 | 0 | -0.5 | -1.8 | -3.3 | -9.3 | 6.2 | 3.2 | 2.3 |
| 5 | | -3.5 | -3 | | | 4.5 | | |
| 33 | 0.1 | -0.9 | -1.3 | -3 | -4.7 | 1.3 | 0.8 | 0.7 |
| 37 | 0 | 0 | -0.3 | -0.3 | -1.2 | 0.2 | 0.2 | |
| 42 | 0 | 0.2 | 0.1 | -0.2 | -2 | 0.5 | 0.2 | |
| 45 | 0 | -5.6 | -7 | -8 | | 8 | 3.8 | 4.9 |
| 50 | | 0 | -2.2 | -2.6 | | 5.3 | 6.4 | 4.4 |
| 51 | | 8.6 | 7.9 | 7.7 | | | | |
| 53 | | -0.5 | -2.75 | -2.75 | | 6.5 | | |
| 54 | | -0.2 | -3 | -3 | | 10.4 | | |
| 59 | 0.5 | -0.5 | | -2.2 | | 2.8 | 1.7 | 3.1 |
| 6 | | | | | | 5.4 | | |
| 34 | -2.4 | -5 | 6 | 5 | 9 | 3.9 | 3 | 2.5 |
| 35 | 0.3 | 0.2 | -0.1 | 0.3 | 0 | 0.1 | | |

## Table C-7. Pressure Mapping (continued)

| # | House to out, AHU Off | House to out, AHU on, doors open | House to out, master bedroom closed, AHU on | House to out, all bedrooms or all interior doors closed, AHU on | House to out, all bedrooms or all interior doors closed, AHU on, exhaust vents on, worst case | Master bedroom-living room, door closed, AHU on | Bedroom 2-living room, door closed, AHU on | Bedroom 3-living room, door closed, AHU on |
|---|---|---|---|---|---|---|---|---|
| 36 | 0.2 | 0.2 | 5.8 | 6 | 1.5 | 2-2.4 | 2.3 | |
| 39 | 0 | -0.4 | -0.6 | -1.1 | -2.3 | 4 | 0.2 | 0.2 |
| 40 | 0 | 0.2 | -0.5 | -1 | -1.6 | 1.4 | 3.9 | |
| 71 | 0.2 | 0.7 | 0.1 | 0.1 | -3 | 9.3 | 2.7 | |
| 72 | 0.1 | -0.3 | -1.1 | -0.3 | -2.5 | 7.5 | 1.4 | 1.6 |
| 73 | 0 | -0.5 | -1 | -1 | -1.5 | 5 | 2 | 2 |

## Table C-8. Comments and Observations

| # | Describe any previous repairs | Describe wall layers if possible, and if outer sheathing is "ventilated" | General Comments & Observations | Comments legend |
|---|---|---|---|---|
| 29 | | | Nordyne "Ventilaire" system | |
| 16 | Added gable and ridge vents, crawl space soil cover & vented dryer to outside; dryer duct was previously dumping in to crawl | | Soft spot at marriage line between furnace/laundry room & kitchen (near elec/plumbing entry & connections). Significant leaks at cross-over duct connections at furnace. No soil cover under kitchen section. Significant air movement in holes in bottom board where plumbing electrical join kitchen section to mid section. Condensation visible on lower trim of marriage line beam at peak of ceiling both in kitchen & in living room. Kitchen beam is at peak of cathedral ceiling but is NOT a marriage line. No evidence of water from rain leaks. Problem existed before ridge vents added. | C16: Stains present - marriage wall ceiling |
| 17 | | Wall rebuilt with foamboard and house wrap | metal/metal, 16 x 80 home; homeowner email zcmarionneaux@msn.com; Nordyne "Ventilaire" system | C17: Stains present - under vinyl floor |
| 19 | | | ducts are upflow type | C19: Stains present - bath |
| 27 | | | | C27: Outlets pulled out of wall |
| 13 | C2 | | | C13: Crossover not directly under furnace. |
| 14 | C15 - all bedrooms to living room, kitchen to outside; Floor cavity marriage line was resealed; blend air system was fixed | | | C14: Crossover duct poorly connected. |
| 28 | 45 sheets of wallboard replaced. Manufacturer had spent full day prior to inspection sealing the duct system - duct leakage before repairs unknown | | Nordyne "Ventilaire" system; kitchen/stove vent always on | C28: Condensate under home |
| 32 | Nov. '00: new ridge cap; hall bath wall replaced; closet walls replaced; microwave replaced | | Homeowners report frequent staining. | |
| 64 | Floors and roof replaced; walls replaced | | Main cause of problem was large duct leak and ceiling hole where furnace had been swapped out/replaced - old flue hole not sealed up; C10 - 4"-12" dia. Off peak vents added; C14 - fiberglass insulation 1'-2' short of collar | |
| 65 | C2 - Plumbing leak in guest tub repaired | | Structural softening - master bath wall; A/C coil is a package unit | |
| 25 | | | | C25: Standing water in AHU |
| 52 | | | | |
| 70 | Roof vents, ridge vent repaired; turbine ventilators; replaced nearly all wallboard more than once; sealed marriage wall | | C25; All walls wet in master bath; bowed stud in master bdrm; musk smell in kitchen; water running out of outlets in master bath; standing water in pan; vent failed - alarm sounds; crossover duct inner liner not secure | |
| 26 | | | | C26: Homeowner modifications to ductwork |
| 1 | | | | C1: House had extra vents in walls and/or roofs as an ill conceived moisture control measure. |
| 10 | C2 | | | C10: Mechanical attic ventilation |
| 11 | C2 | | | C11: One room had animal care facility and large exhaust running all the time. |
| 12 | C2 | | | C12: Supply flex fallen off from time to time. |
| 30 | Manufacturer rep. came out, said it was an A/C problem; | | C9; Very very bad things happening, major supply disconnect probable | |
| 58 | | | | |
| 61 | | | | |

## Table C-8. Comments and Observations (continued)

| # | Describe any previous repairs | Describe wall layers if possible, and if outer sheathing is "ventilated" | General Comments & Observations | Comments legend |
|---|---|---|---|---|
| 62 | Replaced all drywall as marriage wall had failed, couldn't match drywall | Vinyl siding; OSB; fiberglass; vinyl drywall. Not ventilated | Homeowner added a crossover duct, poorly installed; bottom board torn and not repaired | |
| 67 | | | Riser from package unit on B-side fallen off, collar pulled out of box, total disconnect on B-side of home. Testing of individual sides and package unit duct work showed reasonably tight duct work, except for damaged area. | |
| 3 | | | | C3: House floors repaired/replaced before. |
| 41 | Water heater encasement floor replaced due to moisture rot | | Home is a single, with an addition | |
| 69 | Leak under water heater repaired; floor insulation not replaced | | Recommendations: add POS system to provide 50-75 CFM air when AHU running; add return air to bdrm, approx. 70 sq. inches; seal bottom board; replace damaged flooring with plywood; vent dryer to outside | |
| 31 | Flooring replaced twice by manufacturer; previously 4" or more of buckling in approx. 100 Sq. Ft. | outer sheathing not ventilated | | |
| 43 | | | | |
| 56 | | | | |
| 57 | | | | |
| 63 | | | | |
| 66 | | | Stains on marriage wall at ceiling level; A/C extremely dirty - stains and filth on bottom half of coil | |
| 7 | | | | C7: Stains on floor on cold spot directly under register. |
| 9 | None | | | C9: Unoccupied home (model center). |
| 2 | | | | C2: House interior/perimeter wall board was repaired/replaced/covered before. |
| 23 | Kitchen floors repaired/replaced before. | | | C23: Stains present - exterior wall hallway |
| 38 | | | Home is a single, with an addition; return register at 50Pa had a strong odor | |
| 4 | | | | C4: House had both vinyl covered and tape and textured wallboard. Problems seen only on vinyl covered exterior walls. |
| 44 | | | | |
| 46 | | | | |
| 47 | | | | |
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| 49 | | | | |
| 55 | | | | |
| 60 | | | | |
| 68 | | | $200-$320 per month utility bills | |
| 8 | Stains removed once before | Sheathing "ventilated" in some places | | C8: Return duct disconnected at the outdoor unit. |
| 33 | Kitchen & bath room floors replaced once; bath tub replaced; some electrical outlets repaired | | Linoleum floors; A/C unit is missing a condensate trap | |

## Table C-8. Comments and Observations (continued)

| # | Describe any previous repairs | Describe wall layers if possible, and if outer sheathing is "ventilated" | General Comments & Observations | Comments legend |
|---|---|---|---|---|
| 37 | Added addition; A/C not upsized | | Home is a single, with an addition; homeowner added a duct for the addition; musty odor on trailer side when depressurized; no intrusive inspections | |
| 42 | Added addition (no insulation in crawl) | | C9 - seasonal residents; home is a single, with an addition; musty odor on addition side of home when depressurized | |
| 45 | | | | |
| 5 | | | | C5: Very high utility bills >$300 up to $500/month. |
| 50 | | | | |
| 51 | | | | |
| 53 | | | | |
| 54 | | | | |
| 59 | | | | |
| 6 | | | | C6: Extra window a/c added as house could not be cooled. |
| 34 | Trim on counters repaired | | Manual vent in utility used when drier is on; family room fan shows a heavy dirt/dust buildup; house had a total supply duct disconnect | |
| 35 | | | C12; Home is a single, with an addition | |
| 36 | | | Home is a single, with an addition; homeowner added a duct for the addition | |
| 39 | | | | |
| 40 | | | Home is a single, with an addition; resident has not lived in home for full year | |
| 71 | | | | |
| 72 | | | | |
| 73 | Skylight flashing leak in hall bath, repaired 12 months previously | | | |