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1313 Mocking Bird Lane, Raleigh, NC 27609

**Inspection Date:**  
01/01/2014

**Prepared For:**

**Prepared By:**  
Iron Homes Inspections LLC  
17 Fielding Ct  
Durham, NC 27703

**919-720-1530**

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**Report Number:**  
090920141300

**Inspector:**  
Erik Raudsep  
NC Home Inspector License 3397

## REPORT OVERVIEW

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### THE HOUSE IN PERSPECTIVE

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### CONVENTIONS USED IN THIS REPORT

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**SATISFACTORY** - Indicates the component is functionally consistent with its original purpose but may show signs of normal wear and tear and deterioration.

**MARGINAL** - Indicates the component will probably require repair or replacement anytime within five years.

**POOR** - Indicates the component will need repair or replacement now or in the very near future.

**MAJOR CONCERNS** - A system or component that is considered significantly deficient or is unsafe.

**SAFETY HAZARD** - Denotes a condition that is unsafe and in need of prompt attention.

### THE SCOPE OF THE INSPECTION

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All components designated for inspection in the ASHI® Standards of Practice are inspected, except as may be noted in the “Limitations of Inspection” sections within this report.

It is the goal of the inspection to put a home buyer in a better position to make a buying decision. Not all improvements will be identified during this inspection. Unexpected repairs should still be anticipated. The inspection should not be considered a guarantee or warranty of any kind.

Please refer to the pre-inspection contract for a full explanation of the scope of the inspection.

### BUILDING DATA

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Approximate Age: 8 Years  
Style: Single Family  
Main Entrance Faces: East  
State of Occupancy: Occupied  
Weather Conditions: Cloudy  
Recent Rain: Yes  
Ground cover: Wet Over 65 degrees




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## ITEMS NOT OPERATING

Fireplace was not tested because no propane at location on the day of the test. Fireplace shows signs of never being used rocks still in plastic bag factory shipping clips still on fire screen.

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## MAJOR CONCERNS

*Item(s) that have failed or have potential of failing soon.*

(PG 7) In the north east corner of the building there is not gutter extension at the end of the downspout this is causing erosion in the flower bed and excess moisture against the structure. Recommend that an extension is placed at the end diverting it out of the flower bed and away from the foundation to avoid problems in the future.

(PG 7) There is a gap in the siding on the rear of the home, this is a possible pest and moisture entry point and should be repaired or replaced to eliminate the possibility of this in the future.

(PG 7) Light fixtures on front and back of house are not properly attached to structure and are now sagging down causing a warping in the vinyl siding. These should be attached to structure to avoid future damage to siding and also eliminate a possible electrical short issue with the light fixtures.

(PG 14) Moisture stain to the left of the front door over the closet upon inspection in attic no clear source for the moisture is present should be monitored for future dampness.

(PG 20) There is a sign of a prior refrigerant leak in the system a HVAC tech should make sure that is not a current issue as this can cause the system to stop functioning suddenly when the pressure in the system no longer is capable of moving heat.

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## POTENTIAL SAFETY HAZARDS

(PG 7) Two screens missing on home one on left side of home and one on the front of the home, these should be replaced to avoid pest infiltration into home when the window is open.

(PG 11) Countertop to the right of the sink is not attached to cabinets and is very loose would recommend securing it to the cabinets to avoid any injury while using countertop.

(PG 16) It is recommended that a CO detector is installed in the house there is a vent less fireplace on premises and is a potential source for CO. CO is a odorless and colorless gas that can cause hypoxia and if continued exposure even death. It is for this reason that a CO detector is highly recommended.

(PG 19) Filters should be replaced as often as needed however a good practice is to change them every 90 days. This will not only reduce the overall dust in the home, however also decrease the working load pressure on the central drive fan causing the entire home's HVAC system to operate longer without needed service.

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- This summary page is not the entire report. The complete report may include additional information of interest or concern to you. It is strongly recommended that you promptly read the complete report. For information regarding the negotiability of any item in this report under the real estate purchase contract, contact your North Carolina real estate agent or attorney.
  - A home inspection is general and visual in nature and is not technically exhaustive. It is by definition, intended to provide the client with a better understanding of the property conditions as observed at the time of the inspection. Any items and/or conditions listed on the summary page(s) should be repaired, corrected, or further assessed by an appropriately licensed or otherwise qualified and competent professional prior to closing.
  - This report was prepared by a Home Inspector. Any modification which alters the contents of this report is a violation of North Carolina state law. If a change or revision is necessary, contact Erik Raudsep at (919) 399-9408.
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# Directional Position of Home

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North Side of Home



East Side of Home



South Side of Home



West Side of Home





**SERVICE WALKS**  None  Not visible  *Public sidewalk needs repair*

**Material:**  Concrete  Flagstone  Gravel  Brick

**Condition:**  Satisfactory  Marginal  Poor  *Trip Hazard*  Typical cracks

*Pitched towards home (See remarks)*  *Settling cracks*

**DRIVEWAY/PARKING**  None  Not visible

**Material:**  Concrete  Asphalt  Gravel/Dirt  Brick

**Condition:**  Satisfactory  Marginal  Poor  *Settling Cracks*  Typical cracks

*Pitched towards home (See remarks)*  *Trip hazard*  Fill cracks and seal

**PORCH (covered entrance)**  None  Not visible

**Support Pier:**  Concrete  Wood

**Condition:**  Satisfactory  Marginal  Poor  *Railing/Balusters recommended*

**Floor:**  Satisfactory  Marginal  Poor  *Safety Hazard*

**DECK/BALCONY (flat, floored, roofless area)**  None  Not visible

**Material:**  Wood  Metal  Composite  *Railing/Balusters recommended*

**Finish:**  Treated  Painted/Stained

*Safety Hazard*  *Improper attachment to house*  *Railing loose*

**Condition:**  Satisfactory  Marginal  Poor  *Wood in contact with soil*

**LANDSCAPING AFFECTING FOUNDATION (See remarks)**

**Negative Grade:**  East  West  North  South  Satisfactory

*Recommend additional backfill*  *Recommend window wells/covers*

*Trim back trees/shrubberies*

*Wood in contact with/improper clearance to soil*

**HOSE BIBS**  None  No anti-siphon valve  **Recommend Anti-siphon valve**

**Operable:**  Yes  No  Not tested  Not on



**ROOF VISIBILITY**     All     Partial     None     Limited by:

**INSPECTED FROM**     Roof     Ladder at eaves     Ground (*Inspection Limited*)  
 With Binoculars

**STYLE OF ROOF**

**Type:**     Gable     Hip     Mansard     Shed     Flat  
**Pitch:**     Low     Medium     Steep     Flat

**Roof #1**    Type: *Asphalt*    Layers: *1+ Layers*    Approx. age *5-10+Yrs.*

**VENTILATION SYSTEM**    **Type:**     Soffit     Ridge     Gable     Roof     Turbine     Powered  
**Ventilation Present:**     Yes     No     (See Interior remarks)

**FLASHING**    **Material:**     Not visible     Galv/Alum     Asphalt  
 Copper     Foam     Rubber     Lead  
**Condition:**     Not visible     Satisfactory     Marginal     Poor     *Rusted*     *Missing*  
 *Separated from chimney/roof*     *Recommend Sealing*

**VALLEYS**     N/A    **Material:**     Not Visible     Galv/Alum     Asphalt     Lead  
 Copper  
**Condition:**     Not visible     Satisfactory     Marginal     Poor  
 *Holes*     *Rusted*     *Recommend Sealing*

**CONDITION OF ROOF COVERINGS**    **Roof #1:**     Satisfactory     Marginal     Poor  
**Condition:**     Curling     Cracking     Ponding     Burn Spots     Broken/Loose Tiles/Shingles  
 Nail popping     Granules missing     Alligatoring     Blistering     Missing Tabs/Shingles/Tiles  
 Moss buildup     Exposed felt     Cupping     Incomplete/Improper Nailing  
 *Recommend roofer evaluate*     *Evidence of Leakage*

**PLUMBING VENTS**     Not Visible     Yes     No     Satisfactory     Marginal     Poor

*Conditions reported above reflect visible portion only. See additional Comments*



**GUTTERS/SCUPPERS/EAVESTROUGH**  Needs to be cleaned  Downspouts needed

- Material:**  Copper  Vinyl/Plastic  Galvanized/Aluminum   
**Condition:**  Satisfactory  Marginal  Poor  Rusting  
**Leaking:**  Corners  Joints  Hole in main run  
**Attachment:**  Loose  Missing spikes  Improperly sloped (See remark)  
**Extension needed:**  North  South  East  West  
 Recommend repair/replacement of damaged sections

In the north east corner of the building there is not gutter extension at the end of the downspout this is causing erosion in the flower bed and excess moisture against the structure. Recommend that an extension is placed at the end diverting it out of the flower bed and away from the foundation to avoid problems in the future. (Picture left first row)

**SIDING** (\*See remarks page)

- Material:**  Stone  Slate  Block/Brick  Fiberboard  Fiber-cement  Stucco  
 EIFS\* Not Inspected  Asphalt  Wood  Metal/Vinyl  
 Typical cracks  Peeling paint  Monitor  Wood rot  
 Loose/Missing/Holes  
**Condition:**  Satisfactory  Marginal  Poor  Recommend repair/painting

There is a gap in the siding on the rear of the home, this is a possible pest and moisture entry point and should be repaired or replaced to eliminate the possibility of this in the future. (Picture first row right)

Light fixtures on front and back of house are not properly attached to structure and are now sagging down causing a warping in the vinyl siding. These should be attached to structure to avoid future damage to siding and also eliminate a possible electrical short issue with the light fixtures. (Pictures second row)

**1.)TRIM 2.)SOFFIT 3.)FASCIA 4.)FLASHING**

- Material:**  Wood  Fiberboard  Aluminum/Steel  Vinyl  Stucco  
 Recommend repair/painting  Damaged wood  
**Condition:**  Satisfactory  Marginal  Poor

**CAULKING**

- Condition:**  Satisfactory  Marginal  Poor  
 Recommend around windows/doors/masonry ledges/corners/utility penetrations

**WINDOWS & SCREENS**  Failed/fogged insulated glass

- Material:**  Wood  Metal  Vinyl  Aluminum/Vinyl Clad  
**Screens:**  Torn  Bent  Not installed  Glazing Compound/Caulk needed  
**Condition:**  Satisfactory  Marginal  Poor  Wood rot  Recommend repair/painting

Two screens missing on home one on left side of home and one on the front of the home, these should be replaced to avoid pest infiltration into home when the window is open. (Picture third row)













 **KITCHEN**

**COUNTERTOPS**     Satisfactory     **Marginal**     *Recommend repair/caulking*

Countertop to the right of the sink is not attached to cabinets and is very loose would recommend securing it to the cabinets to avoid any injury while using countertop. (Picture left)

**CABINETS**     Satisfactory     Marginal     *Recommend repair/adjustment*

**PLUMBING COMMENTS**

**Faucet Leaks:**     Yes     No    **Pipes leak/corroded:**     Yes     No  
**Sink/Faucet:**     Satisfactory     Corroded     Chipped     Cracked     *Recommend repair*  
**Functional Drainage:**     Satisfactory     Marginal     Poor

**Functional Flow:**     Satisfactory     Marginal     Poor

**Comments:**

**WALLS & CEILING**

**Condition:**     Satisfactory     Marginal     Poor     Typical cracks     *Moisture stains*

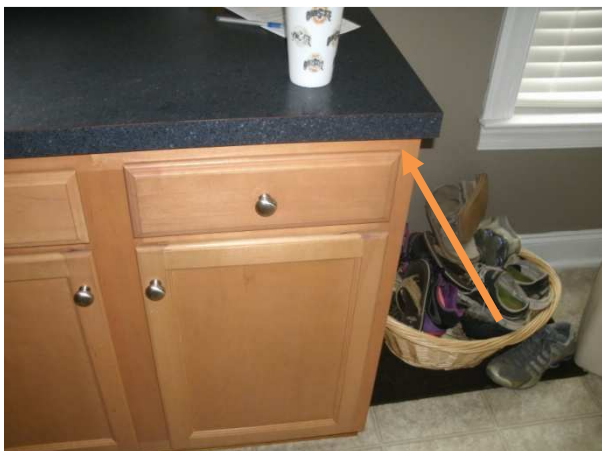
**HEATING / COOLING SOURCE**     Yes     No

**FLOOR**    **Condition:**     Satisfactory     Marginal     Poor     Sloping     Squeaks

**Comments:**

**APPLIANCES**    *(See remarks page)*

Disposal    *Operable:*  Yes     No     Trash compactor    *Operable:*  Yes     No  
 Oven    *Operable:*  Yes     No     Exhaust fan    *Operable:*  Yes     No  
 Range    *Operable:*  Yes     No     Refrigerator    *Operable:*  Yes     No  
 Dishwasher    *Operable:*  Yes     Not Tested     Microwave    *Operable:*  Yes     No  
 \_\_\_\_\_    *Operable:*  Yes     No     \_\_\_\_\_    *Operable:*  Yes     No  
**Dishwasher Airgap:**     Yes     No and/or    **Dishwasher Drain Line Looped:**  Yes     No  
**Receptacles Present:**     Yes     No    *Operable:*     Yes     No  
**GFCI:**     Yes     No    *Operable:*     Yes     No  
 Recommend GFCI Receptacles  
**Open ground/Reverse polarity:**     Yes     No     *Potential safety hazard(s)*





**LAUNDRY**

- Laundry sink:**  N/A      **Faucet leaks:**  Yes  No      **Pipes leak:**  Yes  No  
**Cross connections:**  Yes  No      **Heat source present:**  Yes  No  
**Room vented:**  Yes  No  
**Dryer vented:**  N/A  Wall       Ceiling       Floor       Not vented  
 *Plastic Dryer Vent not recommended*    *Not vented to Exterior*    *Recommend repair*  
 *Safety hazard*  
**Electrical:**      Open ground/reverse polarity within 6' of water:  Yes  No    *Safety hazard*  
**GFCI present:**  Yes  No      **Operable:**  Yes       No  
 Recommend GFCI Receptacles  
**Appliances:**       Washer       Dryer       Water heater       Furnace/Boiler  
**Washer hook-up lines/valves:**       Leaking       Corroded       Not visible  
**Gas Shut-off Valve:**       N/A       Yes       No       Cap Needed       *Safety hazard*       Not visible



## BATHROOM(S)

### HALLWAY BATHROOM

**Sinks:**      **Faucet leaks:**  Yes  No      **Pipes leak:**  Yes  No  
**Tubs:**      **Faucet leaks:**  Yes  No      **Pipes leak:**  Yes  No       N/A  
**Showers:**      **Faucet leaks:**  Yes  No      **Pipes leak:**  Yes  No       N/A  
**Toilet:**      **Bowl Loose:**  Yes  No      **Operable:**  Yes  No  
     Cracked bowl       Toilet leaks  
**Shower/Tub area:**  Ceramic/Plastic  Fiberglass  Masonite   
                                  Condition:  Satisfactory  Marginal  Poor  Rotted floors  
                                  Caulk/Grouting Needed:  Yes  No      Where:  
**Drainage:**  Satisfactory  Marginal  Poor  
**Water flow:**  Satisfactory  Marginal  Poor  
**Moisture stains present:**  Yes  No       Walls  Ceilings  Cabinetsy  
**Window/doors:**  Satisfactory  Marginal  Poor  
**Receptacles Present:**  Yes  No      **Operable:**  Yes  No  
**GFCI:**  Yes  No      **Operable:**  Yes  No  
**Open ground/Reverse polarity:**  Yes  No       *Potential Safety Hazard(s)* (See remarks)  
**Heat source present:**  Yes  No  
**Exhaust fan:**  Yes  No      **Operable:**  Yes  No  Noisy

### MASTER BATH

**Sinks:**      **Faucet leaks:**  Yes  No      **Pipes leak:**  Yes  No  
**Tubs:**      **Faucet leaks:**  Yes  No      **Pipes leak:**  Yes  No       N/A  
**Showers:**      **Faucet leaks:**  Yes  No      **Pipes leak:**  Yes  No       N/A  
**Toilet:**      **Bowl Loose:**  Yes  No      **Operable:**  Yes  No  
     Cracked bowl       Toilet leaks  
**Shower/Tub area:**  Ceramic/Plastic  Fiberglass  Masonite   
                                  Condition:  Satisfactory  Marginal  Poor  Rotted floors  
                                  Caulk/Grouting Needed:  Yes  No      Where:  
**Drainage:**  Satisfactory  Marginal  Poor  
**Water flow:**  Satisfactory  Marginal  Poor  
**Moisture stains present:**  Yes  No       Walls  Ceilings  Cabinetsy  
**Window/doors:**  Satisfactory  Marginal  Poor  
**Receptacles Present:**  Yes  No      **Operable:**  Yes  No  
**GFCI:**  Yes  No      **Operable:**  Yes  No  
**Open ground/Reverse polarity:**  Yes  No       *Potential Safety Hazard(s)* (See remarks)  
**Heat source present:**  Yes  No  
**Exhaust fan:**  Yes  No      **Operable:**  Yes  No  Noisy





**LIVING ROOM**

- Walls & Ceiling:**  Satisfactory  Marginal  Poor  Typical cracks  Damage
- Moisture stains:**  Yes  No **Where:** To the left of the front door
- Floor:**  Satisfactory  Marginal  Poor  Squeaks  Slopes
- Ceiling Fan:**  Satisfactory  Marginal  Poor
- Electrical: Switches:**  Yes  No **Receptacles:**  Yes  No **Operable:**  Yes  No
- Open ground/Reverse polarity:**  Yes  No  Safety Hazard  Cover plates missing
- Heating Source Present:**  Yes  Not visible
- Holes:**  Doors  Walls  Ceilings
- Doors & Windows:**  Satisfactory  Marginal  Poor  Cracked glass  
 Evidence of leaking insulated glass  Broken/Missing hardware

Moisture stain to the left of the front door over the closet upon inspection in attic no clear source for the moisture is present should be monitored for future dampness. (Picture below left)

**DINING ROOM**

- Walls & Ceiling:**  Satisfactory  Marginal  Poor  Typical cracks  Damage
- Moisture stains:**  Yes  No **Where:**
- Floor:**  Satisfactory  Marginal  Poor  Squeaks  Slopes
- Electrical: Switches:**  Yes  No **Receptacles:**  Yes  No **Operable:**  Yes  No
- Open ground/Reverse polarity:**  Yes  No  Safety Hazard  Cover plates missing
- Heating Source Present:**  Yes  Not visible
- Holes:**  Doors  Walls  Ceilings
- Doors & Windows:**  Satisfactory  Marginal  Poor  Cracked glass  
 Evidence of leaking insulated glass  Broken/Missing hardware





**FRONT CENTER BEDROOM**

**Walls & Ceiling:**  Satisfactory  Marginal  Poor  Typical cracks  Damage  
**Moisture stains:**  Yes  No Where:  
**Floor:**  Satisfactory  Marginal  Poor  Squeaks  Slopes  
**Ceiling Fan:**  Satisfactory  Marginal  Poor  Noisy  
**Electrical: Switches:**  Yes  No **Receptacles:**  Yes  No **Operable:**  Yes  No  
**Open ground/Reverse polarity:**  Yes  No  Safety Hazard  Cover plates missing  
**Heating Source Present:**  Yes  Not visible  
**Holes:**  Doors  Walls  Ceilings  
**Egress Restricted:**  Yes  No  
**Doors & Windows:**  Satisfactory  Marginal  Poor  Cracked glass  
 Evidence of leaking insulated glass  Broken/Missing hardware

**FRONT LEFT BEDROOM**

**Walls & Ceiling:**  Satisfactory  Marginal  Poor  Typical cracks  Damage  
**Moisture stains:**  Yes  No Where:  
**Floor:**  Satisfactory  Marginal  Poor  Squeaks  Slopes  
**Electrical: Switches:**  Yes  No **Receptacles:**  Yes  No **Operable:**  Yes  No  
**Open ground/Reverse polarity:**  Yes  No  Safety Hazard  Cover plates missing  
**Heating Source Present:**  Yes  Not visible  
**Holes:**  Doors  Walls  Ceilings  
**Egress Restricted:**  Yes  No  
**Doors & Windows:**  Satisfactory  Marginal  Poor  Cracked glass  
 Evidence of leaking insulated glass  Broken/Missing hardware

**MASTER BEDROOM**

**Walls & Ceiling:**  Satisfactory  Marginal  Poor  Typical cracks  Damage  
**Moisture stains:**  Yes  No Where:  
**Floor:**  Satisfactory  Marginal  Poor  Squeaks  Slopes  
**Ceiling Fan:**  Satisfactory  Marginal  Poor  
**Electrical: Switches:**  Yes  No **Receptacles:**  Yes  No **Operable:**  Yes  No  
**Open ground/Reverse polarity:**  Yes  No  Safety Hazard  Cover plates missing  
**Heating Source Present:**  Yes  Not visible  
**Holes:**  Doors  Walls  Ceilings  
**Egress Restricted:**  Yes  No  
**Doors & Windows:**  Satisfactory  Marginal  Poor  Cracked glass  
 Evidence of leaking insulated glass  Broken/Missing hardware



**INTERIOR WINDOWS / GLASS**

- Condition:**  Satisfactory  Marginal  Poor  Needs repair  
 Representative number of windows operated  Painted shut (See remarks)  
 Glazing compound needed  Cracked glass  Hardware missing  
 Broken counter-balance mechanism  
**Evidence of Leaking Insulated Glass:**  Yes  No  N/A  
**Safety Glazing Needed:**  Yes  No  
**Security Bars Present:**  Yes  No  Not tested  Safety hazard  
 Test release mechanism before moving in

**FIREPLACE** Location(s): Living Room

- Type:**  Gas  Wood  Woodburner stove  Electric  Ventless (See remarks)  
**Material:**  Masonry  Metal (pre-fabricated)  Metal insert  
**Miscellaneous:**  Blower built-in **Operable:**  Yes  No  Not Tested  
**Damper operable:**  Yes  No  
 Open joints or cracks in firebrick/panels should be sealed  Fireplace doors need repair  
**Damper Modified for Gas Operation:**  Yes  No  Damper missing  
**Hearth Extension Adequate:**  Yes  No **Mantel:**  N/A  Secure  Loose  
**Physical Condition:**  Satisfactory  Marginal  Poor  
 Recommend having flue cleaned and re-examined

No propane at location on the day of the test. Fireplace shows signs of never being used rocks still in plastic bag factory shipping clips still on fire screen.

**SMOKE / CARBON MONOXIDE DETECTORS** (See remarks)

- Present:**  Smoke Detector:  Yes  No **Operable:**  Yes  No  Not tested  
 CO Detector:  Yes  No **Operable:**  Yes  No  Not tested

It is recommended that a CO detector is installed in the house there is a vent less fireplace on premises and is a potential source for CO. CO is a odorless and colorless gas that can cause hypoxia and if continued exposure even death. It is for this reason that a CO detector is highly recommended.



**ATTIC/STRUCTURE/FRAMING/INSULATION** N/A (See remarks)**Access:**  Stairs  Pulldown  Scuttlehole/Hatch  *No access***Inspected From:**  Access panel  In the attic**Location:**  Bedroom hall  Bedroom closet  Garage**Access Limited By:****Flooring:**  Complete  Partial  None**Insulation:**  Fiber glass  Batts  Loose  Cellulose  Foam Vermiculite  Rockwool Depth: 9-12 *Recommend Baffles @ Eaves* *Damaged*  *Displaced*  *Missing*  *Compressed***Installed In:**  Rafters  Walls  Between ceiling joists  Underside of Roof Deck Not visible *Recommend additional insulation (See comments)***Vapor Barriers:**  Kraft/foil faced  Plastic  Not visible  *Improperly Installed***Ventilation:**  *Ventilation appears adequate*  *Recommend additional ventilation***Fans Exhausted To:** **Attic:**  Yes  No **Outside:**  Yes  No  Not visible**HVAC Duct:**  N/A  Satisfactory  *Damaged*  *Split*  *Disconnected*  *Leaking*  *Repair/Replace* *Recommend Insulation***Chimney Chase:**  N/A  Satisfactory  *Needs repair*  Not visible**Structural Problems Observed:**  Yes  No  *Recommend repair*  *Recommend Structural Engineer***Roof Structure:**  Rafters  Trusses  Wood  Metal  Collar Ties  Purlins  Knee Wall  Not Visible**Ceiling Joists:**  Wood  Metal  Not visible**Sheathing:**  Plywood  OSB  Planking  *Rotted*  *Stained*  *Delaminated***Evidence of Condensation/Moisture Leaking:**  Yes  No (*See remarks*)**Firewall Between Units:**  N/A  Yes  No  *Needs repair/sealing***Electrical:**  *Open junction box(es)*  *Handyman wiring*  *Visible knob-and-tube*

**PLUMBING**

**WATER SERVICE**

**Main Shut-off Location:** At the well head

**Water Entry Piping:**  Not visible  Copper/Galv.  **Plastic\*** (PVC)  Lead

**Lead Other Than Solder Joints:**  Yes  No  Unknown  Service entry

**Visible Water Distribution Piping:**  Copper  Galvanized  **Plastic\*** (CPVC, Polybutylene, PEX)

**Condition:**  Satisfactory  Marginal  Poor

**Functional Flow:**  Satisfactory  Marginal  Poor  *Water pressure over 80 psi*

**Pipes, Supply/Drain:**  *Corroded*  *Leaking*  *Valves broken/missing*  
 *Dissimilar metal*

**Drain/Waste/Vent Pipe:**  Copper  Cast iron  Galvanized  PVC  ABS

**Condition:**  Satisfactory  Marginal  Poor

**Support/Insulation:**  N/A Type:  *P-traps recommended*

**Traps Proper P-Type:**  Yes  No

**Functional Drainage:**  Satisfactory  Marginal  Poor

**Interior Fuel Storage System:**  N/A  Yes  No Leaking:  Yes  No

**Gas Line:**  N/A  Copper  Brass  Black iron  Stainless steel

**CSST:**  Not visible

**Condition:**  Satisfactory  Marginal  Poor  *Recommend plumber evaluate*

**MAIN FUEL SHUT-OFF LOCATION**

N/A

**WELL PUMP**

N/A  Submersible  In basement  Well house  Well pit  
 Shared well

**Pressure Gauge Operable:**  Yes  No Well pressure: 50 psi  Not visible

**WATER HEATER #1**

N/A

**Brand name:** State **Serial #:** F06A151422

**Type:**  Gas  Electric  Oil

**Capacity:** 50 gal. Approx. age: 8 year(s)

**Combustion Air Venting Present:**  Yes  No  N/A

**Seismic restraints needed:**  Yes  No  N/A

**Relief Valve:**  Yes  No **Extension proper:**  Yes  No  *Missing*  *Recommend repair*

**Vent Pipe:**  N/A  Satisfactory  Pitch proper  *Improper*  *Rusted*  *Recommend repair*

**Condition:**  Satisfactory  Marginal  Poor

There are signs of rust on the cold water intake area of the water heater this does not affect function today however should be monitored for future effect.







**HEATING SYSTEM**

**HEATING SYSTEM - UNIT #1** Location: **In the Attic** (See remarks)

- #1 Brand Name:** **Trane** Approximate age: **8** year(s)  Unknown  
 Model #: **2TEC3F24A1000AA** Serial #: **6191X881V**
- Energy Source:**  Gas  LP  Oil  Electric  Solid Fuel
- Warm Air System:**  Belt drive  Direct drive  Gravity  Central system  Floor/Wall unit
- Heat Exchanger:**  N/A (sealed)  Visual w/mirror  **Flame distortion**  **Rusted**  
 **Carbon/soot buildup**
- Carbon Monoxide:**  N/A  Detected at Plenum/Register  Not tested
- CO Test:** Tester:
- Combustion Air Venting Present:**  N/A  Yes  No
- Controls:** Disconnect:  Yes  No  Normal operating and safety controls observed
- Distribution:**  Metal duct  Insulated flex duct  Cold air returns  Duct board  
 **Asbestos-like wrap**
- Flue Piping:**  N/A  Satisfactory  Rusted  Improper slope  **Safety hazard**
- Filter:**  Standard  Electrostatic  Satisfactory  **Needs cleaning/replacement**  
 Missing
- When Turned On By Thermostat:**  Fired  Did not fire  
 Proper Operation:  Yes  No  Not tested
- Heat Pump:**  N/A  Aux. electric  Aux. gas
- #1 – System Condition:**  Satisfactory  Marginal  Poor  Recommended HVAC Technician
- System Not Operated Due To:**  Exterior temperature

Filters should be replaced as often as needed however a good practice is to change them every 90 days. This will not only reduce the overall dust in the home, however also decrease the working load pressure on the central drive fan causing the entire home’s HVAC system to operate longer without needed service.







**ELECTRIC/COOLING SYSTEM**

**MAIN PANEL** Location: Exterior wall Condition:  Satisfactory  
**Adequate Clearance To Panel:**  Yes  No Amperage: 200 Volts 120/240  
 Breakers  Fuses  
**Appears Grounded:**  Yes  No  Not visible  
**GFCI Breaker:**  Yes  No **Operable:**  Yes  No  
**AFCI Breaker:**  Yes  No **Operable:**  Yes  No  
**MAIN WIRE:**  Copper  Aluminum  Not visible  *Double tapping of the main wire*  
**Condition:**  Satisfactory  Poor  **Federal Pacific Panel Stab Lok® (See remarks)\***

**BRANCH WIRE:**  Copper  **Aluminum\***  Not visible  
**Condition:**  Satisfactory  Poor  *Recommend electrician evaluate/repair\**  
 Romex  BX cable  Conduit  *Knob & tube\*\**  
 *Double tapping*  *Wires undersized/oversized breaker/fuse*  
 Panel not accessible  Not evaluated **Reason:**

**ELECTRICAL FIXTURES** A representative number of installed lighting fixtures, switches, and receptacles located inside the house, garage, and exterior walls were tested and found to be:  
**Condition:**  Satisfactory  Marginal  Poor  Open grounds  Reverse polarity  
 GFCIs not operating  *Solid conductor aluminum branch wiring circuits\**  
 Ungrounded 3-prong receptacles (See remarks)  
 *Recommend electrician evaluate/repair\**

**UNIT**  Central system  Wall Unit Location: On the side exterior wall In the Attic Age: 8 yrs.  
**Energy Source:**  Electric  Gas  
**Unit Type:**  Air cooled  Water cooled  Geothermal  Heat pump  
**Evaporator Coil:**  Satisfactory  Not visible  Needs cleaning  Damaged  
**Refrigerant lines:**  *Leak*  *Damage*  *Insulation missing*  Satisfactory  
**Condensate Line/Drain:**  To exterior  To pump  Floor drain  
**Operation:** Differential 19 °F  
 Difference in temperature (split) should be 14-22° Fahrenheit (See remarks)  
**Condition:**  Satisfactory  Marginal  Poor  *Recommend HVAC technician examine*  
 *Not operated due to exterior temperature*

There is a sign of a prior refrigerant leak in the system a HVAC tech should make sure that is not a current issue as this can cause the system to stop functioning suddenly when the pressure in the system no longer is capable of moving heat. (Photo Below)

