



**THOMAS REAL ESTATE
Inspections, Inc.
Inspection Report**

(530) 268 - 3452

Inspection #

1170

HOME INSPECTION REPORT

Client: **Mike & Debbie Homeowner**

Inspection Address: **12345 Main St. Anytown, Ca.**

***Sample
Report***



This report is intended as a "Check List" of pertinent questions regarding the conditions of the items included in the report. All evaluations have been factored by the age of the property and other relevant conditions, such as weather, on the date of the inspection. Our Service is NOT a warranty on the integrity of the systems of the property. Home warranty insurance policies are available from other sources. No maintenance services, removal of cowlings, or destructive discovery have been performed. Our Liability is limited by the Inspection Contract titled: "What Your Inspection Includes" approved on or before the date of the inspection.

PREPARED BY: Michael A. Thomas

Date of Inspection: 1/4/2006





THOMAS REAL ESTATE INSPECTIONS, Inc.

12073 Wanderer Rd.

Auburn, Ca. 95602

Phone: (530) 268-3452

Fax: (530) 268-3452

E-mail: mike@thomasinspections.com

Web: www.thomasinspections.com

Home Inspection Report

Inspection Number: **1170**

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Date of Inspection: **4-Jan-06**

Report Data EXPIRES: **4-Feb-06**

THIS REPORT IS FOR THE EXCLUSIVE USE OF AND HAS BEEN PREPARED FOR:

Name: **Mike & Debbie Homeowner**

Client: **Buyer**

Address:

City:

State:

Zip:

To prepare the following report, we have made a visual inspection of the visible and accessible areas of the building(s) on the PROPERTY LOCATED AT:

Address: **12345 Main St. Anytown, Ca.**

Type Unit: **Single Family**

This report is for the exclusive use in determining the physical condition of the property inspected. Although a thorough inspection of the property was made, we wish to CAUTION you that conditions may change and equipment may become defective. The report should not be construed as a guarantee or warranty of the premises or equipment, or future uses thereof. Our *CONTRACT FOR SERVICES* or *INSPECTION CONTRACT* titled "**What Your Inspection Includes**" provides additional details:

PLEASE READ IT CAREFULLY.

The inspection, by definition, deals with an existing structure which may have older types of plumbing or wiring. It is very probable these systems would **not** meet present standards, although the system did meet requirements at the time it was installed.

Although they are sometimes mentioned as a courtesy, "cosmetic" issues are not generally addressed in this report. These issues are subjective in nature and generally do not affect the durability or serviceability of the components of a home. Any photos that are included in the report are done so as a courtesy only, and are used at the Inspector's discretion to help illustrate a condition. We do not photograph all conditions, and we do not necessarily use photographs as an indication of severity or importance.

IN THIS MANNER, ALL EVALUATIONS HEREIN ARE FACTORED BY THE AGE OF THE IMPROVEMENTS WHICH ARE APPROXIMATELY

Approximate age of Home: **N/A** YEARS OLD.
17 YEARS OLD.

DEFINITIONS: "Good"= Appears Durable and Serviceable; "Fair"= Appears Durable or Serviceable;

"Poor"= Does Not Appear Durable or Serviceable; "LH"= Left Hand; "RH"= Right Hand; "DNT"= Did Not Test or Evaluate; "(x3)"= Number of times the Condition was noted. "UTD" =Unable to determine

ALL ORIENTATIONS ARE FROM THE STREET FACING THE STRUCTURE

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Legend for Inspection Report



Not Applicable



Inspected, item condition GOOD or FAIR, or item presence noted.



Recommend a licensed contractor evaluate further for any needed repairs or replacements. (see 2 below)



Inspected, reportable condition exists and/or condition of POOR, may require repair. May also represent a potential hazard.



Inspected, condition POOR and IMMINENT HAZARD exists that may require immediate attention. Condition may exist where system or component should not be operated until repaired.

- 1 **PLEASE NOTE . . .** This report is prepared for the sole and exclusive use of the Client named on page 1 and 2. The acceptance and use of this report by any person other than the Client named on page 1 and 2 shall be deemed to be a retention of this firm for the purpose of providing an evaluation of this property at a fee equal to the original fee for the service provided on the date of this inspection.
- 2 All recommendations for further evaluation, repair or replacement of any component noted in this report should be completed by a licensed contractor, technician or engineer qualified to make such evaluations or repairs. All inspections and bids for repair should be completed by the close of Escrow.
- 3 The inspector is not required to perform any of the following as part of a real estate inspection: Obtain or review information from any third-parties including, but not limited to: government agencies (such as permits), component or system manufactures including product defects, recalls or similar notices.
- 4 Stains and/or discolorations or drywall separations may be an indication of conditions conducive to biological/organic growth. Water intrusion is a frequent indicator of unseen biological/organic growth. Since different people have differing sensitivities to these types of growths , we recommend that the client contact an experienced Environmental Inspector to conduct a survey to establish the presence of and identify and quantify the growth prior to the close of escrow.
- 5 Hazardous materials are beyond the scope of this inspection report and the inspector is not an environmental expert. If asbestos, electro-magnetic fields, fiberglass, formaldehyde, hazardous wastes, lead, radon, soil contamination, biological/organic growth, or the quality of drinking water, air or waste disposal are a concern, please contact an appropriate expert. Although the inspector may note material deterioration or insect infestation the "Wood Destroying Pest and Organism Report" should be referred to for those occurrences that affect the structure. Dual pane windows that do not show obvious evidence of moisture between panes at the time of inspection are beyond the scope of the inspection.

Energy Analysis

This energy analysis is not a certified energy rating.

- Yes Attic Insulation = R-19 minimum at ceiling Estimated "R": 26-30
- Slab Floor Insulation = R-11 or better
- Yes Exterior Wall Outlets & Switch Plate Cover = Gaskets
- Yes Exterior Caulking
- No Broken Windows (or other holes in building envelope)
- Yes Water Heater Blanket = R-6 minimum
- No Hot/Cold Water Supply Lines = R-4 minimum 5' above water heater
- Yes Duct & Plenum Insulation = R-5 minimum
- No Shower Heads = 3 gallons per minute maximum
- No Low Flush Toilets < or = 1.6 GPF
- Yes Dual Pane Windows
- No Solar Screens
- No Solar Heating or Solar Hot Water Heating
- Yes Mini-Blinds or Window Coverings

For information on energy programs contact:
 California Energy Commission www.energy.ca.gov SMUD Peak Corps Program www.smud.org
 Pacific Gas & Electric www.pge.com 1-888-742-7683
 1-800-933-9555

Earthquake Analysis

- Yes Friction catches on cabinets
- No Water heater strapping
- UTD Anchor bolts at foundation
- N/A Chimney anchored to roof framing
- Yes Flexible lines used for gas and water (water heater, a/c, and appliances)
- N/A Cripple walls appear diagonally braced

Energy and Earthquake Rating

Energy Rating: **Good**
 Earthquake Rating: **Good**

Home:	Occupied	Inspection Duration:	Start Time:	9:00	Stop Time:	12:30
Utilities:	Electric: On	Water: On	Gas: On			

Address Visible From Street: **Yes**

Smoke Detectors

Smoke Detector(s): **Yes** Hazard Smoke Detector Not Installed
 Functioned with test: **Yes** Hazard Smoke Detector(s) Did Not Function
 Location(s): **Hallway** **Number installed: 3**

Remarks:

Smoke detectors tied into an alarm system are not checked. If not installed, for safety smoke detectors should be installed in all bedrooms. If not installed, and gas appliances are present, for safety Recommend Carbon Monoxide Detector be installed. All smoke detectors should be tested each month and batteries replaced.

Smoke detectors over ten years old should be replaced

General Comments

People on site at time of inspection: **Buyer/Buyer's Agent**

Client's Agent : **R Smith** Opened Home: **Seller**
 Company: **Quality Real Estate**
 Address:
 Phone #:

Weather

Weather Condition: **Cloudy, Sunny**

Ambient Air Temp. (F): **50-60**

Snow/Accumulation: ("):

Topography

Soil Condition: **Wet**

Lot **Above Roadway**

Type Lot: **Moderate Hillside**

Lot Drainage Appears: **Good-Fair**

Water appears to drain away from foundation: **No**

Drainage systems used on lot: **Yes**

Negative Grade: **Front**

Water May Pond At: **Front of home**

Water may migrate from adjoining lots

Recommend improvement of drainage to direct water away from foundation

Retaining Walls: **No**

General Condition:

Type Construction:

Weep holes noted:

Remarks:

Front yard slopes towards front of house - unable to verify drainage system along front of house - recommended consider installation of french type drainage.

Underground and/or concealed pipes and drainage systems are beyond the scope of this inspection. Note: If soil stability or expansive soil is a concern, please contact a soils engineer.

Landscaping

General Condition Is: **Good**

Trees/Shrubs: **Good**

Exposed tree roots may pose tripping hazard:

Front

Rear

Front Landscaping: **Good**

Rear Landscaping: **Good**

RH Landscaping: **Good**

LH Landscaping: **Good**

Ponds/Fountain(s): **Rear**

Functioning: Front:

Rear: **Yes**

Sprinklers: Front **Automatic**

Rear **Automatic**

Yard and Garden Sprinkler Systems are not Tested for Operation

Remarks:

Recommend review of coverage & operation of irrigation with owner.

Fencing

Not Inspected

General Condition Is:

Rails and Face Boards:

Type Material:

Posts:

Type:

Gate(s) Function :

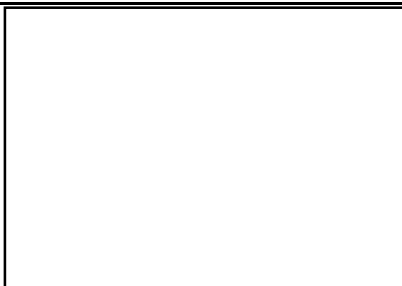
Number:

Type:

Loose Post(s) at:

Remarks:

Fountain, pool, & pond noted - child barriers with self closing, self latching gates are recommended. Audible alarms are recommended on all exterior doors with direct pool access.



Negative grade noted towards front of house.



Child barriers are recommended around pools & water.

Driveway

General Condition Is: **Good**Type Material: **Asphalt**

Settling cracks noted. All concrete, asphalt, and masonry crack, (it's just a matter of degree), the cracks observed appear to be normal. The life expectancy of driveway paving is about 15-50 years.

NOTE: Uplifting of slab or expansion material/uneven surfaces may present a tripping HAZARD.

NOTED significant cracks, (see remarks below).

Remarks:

Walkways/Paths

General Condition Is: **Good**Type Material: **Stone, brick**

Settling cracks noted. All concrete, asphalt, and masonry crack, (it's just a matter of degree), the cracks observed appear to be normal. The life expectancy of walkway & path paving is about 20 years.

NOTE: Uplifting of slab or expansion material/uneven surfaces may present a tripping HAZARD.

NOTED significant cracks, (see remarks below)

Remarks:

Settling cracks noted to brick & stone walkways. Watch for uneven surfaces along stone walkways.

Patios

Location: **Rear of home**General Condition Is: **Good**Type Construction: **Stone, brick, concrete**

Settling cracks noted. All concrete, asphalt, and masonry crack, (it's just a matter of degree), the cracks observed appear to be normal. The life expectancy of patio paving is about 40 to 50 years.

NOTE: Uplifting of slab or expansion material/uneven surfaces may present a tripping HAZARD.

NOTED significant cracks, (see remarks below)

Built-in barbeque-Not inspected or tested

Patio Roof Covers: and/or flat roofs are not included in the data listed above.

Remarks:

Settling cracks noted to stone & pool patio surfaces. Watch for uneven surface edges. Ponding noted on stone patio along rear of house.



Watch for uneven walk surfaces.



Rear concrete & brick patio.



Ponding water noted on stone patio behind house.

Exterior-Structure

General Condition Is: **Good**

Number of Stories: **Two**

Paint/Stain: **Good**

Brick/Block/Stone: **Good**

Exterior Covering(s): **Good**

Type of Siding: **Wood Siding**

Stucco cracks were noted on the exterior, most stucco cracks are common, although some may allow for water intrusion. All stucco cracks should be sealed. The inspector is unable to detect concealed conditions behind exterior finishes.

Moldings/Trim: **Good**

Eaves and Overhangs: **Good**

Windows: **Good-Fair**

Type Window(s): **Dual Pane**

Earth to Wood Clearance: **Good-Fair**

Caulking and weather-stripping: **Good**

Possible Material deterioration (MD) Noted:

Refer to "Wood Destroying Pest and Organism Report"

Enclosed plant area or planter next to foundation may allow water intrusion into structure or foundation.

Vegetation limits access to exterior surfaces

All exterior seams and cracks should be sealed

Holes noted on exterior surface should be sealed (pipe, conduit, cable entry points).

Upper Vent Screens: **Some Damaged**

Lower Vent Screens: **N/A**

Remarks:

Minimal wear noted to exterior wood siding & trim material. Light wear noted to front window trim. No clearance noted along bottom edges of rear siding. Minor grout cracks noted to stone veneer. Pet access opening noted at garage wall. Recommend trimming vegetation away from siding. Hole noted in attic vent screen over front entry. Deterioration noted to dining room window & door seals. Caulking is recommended along top edges of all window, door, & siding trim.

Entry Porch

Settling Cracks Noted

General Condition Is: **Good**

Type Construction: **Brick**

Doorbell: **Functioning**

Steps: Riser/Tread Ratios: **N/A**

No Safety Handrail Installed-Potential Hazard

NOTE: Uplifting of slab or expansion material/uneven surfaces may present a tripping HAZARD.

Deck: **N/A**

Type Surface:

Piers fully bearing:

Spacing of Railing Balusters exceeds 4" which may present a HAZARD to infants/children.

Loose railings/posts noted at: See Remarks

Potential HAZARD

Earth to Wood contact noted at decks, a common condition which may moderately accelerate deterioration.

Remarks:



Recommend trimming vegetation away from siding.



Caulking is recommended above window & siding trim.



No clearances noted along rear siding material.

Main Electrical Service

Service entrance: **Underground**

Utility District: **PG&E**

Location of Meter/Main Disconnect: **Left side exterior**

Inadequate clearance around electrical service panel

Main breaker/disconnect size amps: **200**

Disconnect service cable: **Copper**

Wiring Type: **3-Wire**

Wiring Conductors: **Copper/Aluminum Combo**

Wiring Methods: Nonmetallic cable BX/MC Cable Knob and Tube Conduit

House Ground: **UFER**

Bonding & Grounding: **Good**

Main Circuit Panel: **Left side exterior**

Type Electrical Panel: **Circuit Breakers**

Circuit breakers Labeled: **Partial**

15 & 20 Amp Circuits: **Copper**

Breaker ties installed: **Yes**

Number of circuits in panel:	4	15 amp	9	20 amp	25 amp	30 amp	120 Volt
	4	60 amp	2	70 amp	2	100 amp	50 amp
240 Volt Wiring located at:	<input type="checkbox"/> Garage	<input checked="" type="checkbox"/> Laundry	<input type="checkbox"/> Kitchen	<input type="checkbox"/> Exterior	<input type="checkbox"/> Other:		

Overfused Circuits-Recommend further review for repair by a qualified electrical contractor

Main service circuit breaker size may be inadequate for number of circuits in use.

Remarks:

3 ft clearance is recommended in front of & around main panel.

Exterior Lighting and Electrical

Front porch light: **Functioning**

Back porch Light: **Functioning**

Side garage door light: **Functioning**

Garden Lights: Front: **Not Installed**

Rear: **DNT-controlled by sensor/timer**

Flood Lighting: Front: **Not Installed**

Rear: **DNT-controlled by sensor/timer**

Exterior Outlet(s) front: **Functioning**

Location: **Several located along front of home**

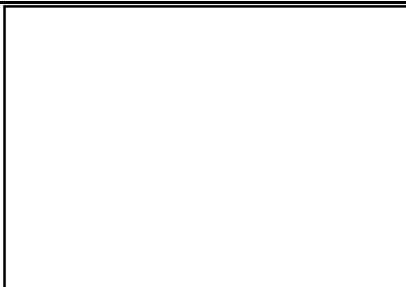
Exterior Outlet(s) rear: **GFCI not functioning-Potential Hazard**

Location: **Several located along rear of home**

Remarks:

Unable to check all electrical outlets (in-use or not accessible)

Left rear GFCI outlet did not trip. Right rear GFCI outlet resets in wet bar. Front wall GFCI outlets reset in master & lower front right bathrooms.



Main electrical disconnect.

General Electrical

Visible wiring Hazards: **Yes**

Electrical outlets are randomly tested throughout the home.

- Open Ground Circuit(s)
- GFCI(S) Not Functioning
- Exposed Wire(s)
- Reverse Polarity Outlet(s)
- No Power to Outlet(s)
- Overfused Circuits
- Wiring splices without junction box(s)
- Switch/Outlet covers not installed

GFCI /Arc Fault (Circuit Breakers/Outlets): **Yes**

- Locations:
- Exterior outlets
 - Kitchen
 - Circuit breaker
 - Laundry
 - Garage outlets
 - Bathrooms
 - Basement
 - Home has 2-wire system typical of era, which do not provide for a ground receptacle.
 - Home has 3 wire receptacles installed with 2 wire system-No ground installed.

Boxes marked "Yellow" should have outlets protected by GFCI /Arc Fault for Safety

Note: GFCI protected outlets may not have been required at time of construction but are recommended as a safety upgrade.

Review of all low voltage wiring, including telephone, TV antenna, alarm, computer, intercom, and stereo wiring is not within the scope of our inspection. Consult the appropriate service technician for full evaluation of their operating conditions.

Remarks:

Exposed & uncovered wiring noted on exterior wall below main panel. Exterior left rear GFCI outlet did not trip when tested. Exposed wiring noted in garage attic next to access opening.

Additional Panel

Location: **Master closet** Type: **Sub Panel** Circuit breakers Labeled: **Yes**

Electrical Panel: **Circuit Breakers** Bonding & Grounding: **Good**

15 & 20 Amp Circuits: **Copper**

Breaker ties installed: **Yes**

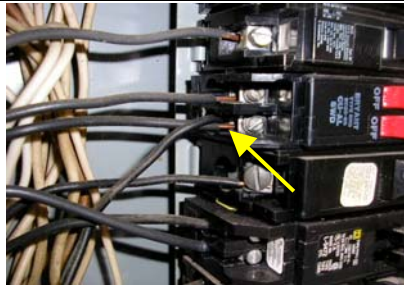
Number of circuits in panel:	12	15 amp	16	20 amp	25 amp	2	30 amp	120 Volt
		20 amp	2	60 amp	40 amp	2	50 amp	240 Volt

Remarks:

Sub panel located in master walk-in closet - if panel to remain, recommend not storing flammables in area around panel. 2 wires noted "Double Tapped" into a single wire 15 amp breaker.



Sub panel located in master closet.



"Double Tap" noted at 15 amp breaker.



Exposed wiring in junction box below main panel.

Empty rectangular box for notes or identification.

General Condition Is: **Good**

Approximate remaining life with proper maintenance..... **8** to **10** years

No leaks apparent at this time..... Evidence of leaks noted = (see Remarks below)

Estimate Life is based on maintenance and/or repairs of the conditions noted. Opinions stated herein concerning the roof are in regard to the general condition of the roof surface as evidenced by a visual inspection and does not constitute an opinion or warranty as to whether the roof leaks or may be subject to future leakage.

Number of layers of roofing is at least: **1** Roof pitch may be inadequate for the roofing materials used.

Roof Type: **Hip**

Type Roofing Material: **Tab Composition**

Pitch: **6/12**

Roofing materials noted with the following conditions:

- Rotted Lifting Loose Deteriorated Missing Damaged
- Torn/Split Cracked/Chipped Rusted through
- In some cases the tar paper below is showing through roofing material.
- In some places water ponds on the roof surface.
- Roof deflection noted appears: Cosmetic Structural
- Vegetation overhangs the roof which may cause early deterioration of the roofing surface, recommend trimming.

Evidence of routine roof maintenance: **No** Plumbing vents noted: **Yes** Skylights: **No**

Heat reflective: **Partial** Antenna/Dish: **N/A** Roof metal/ Flashings: **Good**

Attic vents noted: **Yes** Eave Gable Roof Turbine Vents

Attic Ventilation: **Adequate**

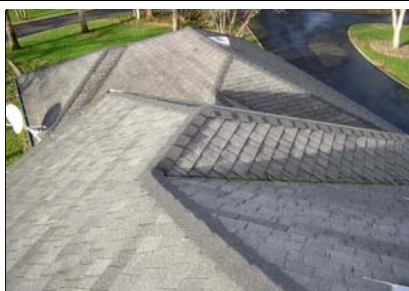
Note: If turbine vents are used they should be covered in winter to prevent excess moisture entry to attic space.

ROOF-INSPECTED FROM: **Walking on roof surface**

Patio Roof Covers: and/or flat roofs are not included in the data listed above.

Remarks:

Routine wear noted to shingle surfaces. Moss build-up noted on rear/ north side roof faces. Exposed nail heads noted along right ridge cap shingles - recommend caulking nail heads.



Left side roofing



Recommend caulking exposed nail heads along ridge cap.



Recommend extensions on all downspouts.



Moss build-up noted on rear/ north side roofing.

Gutter Condition: Good-Fair	Use of Gutters: Good	Debris noted in gutters: No
Scupper Condition: N/A	Use of Scuppers:	Debris noted at scuppers:
Downspout Condition: Good	Use of Downspouts: Good	Rust noted in gutters: Yes
Evidence of leaks on: Gutter(s)		Splash Blocks Used: Yes

Use of splash blocks and/or drainage systems are recommended to divert water away from home.

Scuppers are used on low pitch roofs for draining water from roof (gutters are not used).

Remarks:

Dripping noted at front gutter corners over front entry. Recommend extensions on downspouts to help divert water away from house foundation.

Chimney(s)

Chimney #1 Location: **Left side**

Exterior condition: **Fair-Poor** Type construction: **Wood, stone**

Chimney flue: **Metal-Lined**

Cap or spark arrestor: **Yes**



Chimney should be inspected for cleanliness

Remarks:

Cracking & gaps noted to stone veneer. Cracking & separation noted to brick trim - missing bricks noted. Ponding noted on flashing cap.

Chimney #2 Location: **Center**

Exterior condition: **Good-Fair** Type construction: **Wood, stone**

Chimney flue: **Metal-Lined**

Cap or spark arrestor: **Yes**



Chimney should be inspected for cleanliness

Remarks:

Cracking noted to stone veneer.

Chimney #3 Location: **Right side**

Exterior condition: **Fair** Type construction: **Wood, stone**

Chimney flue: **Metal-Lined**

Cap or spark arrestor: **Yes**



Chimney should be inspected for cleanliness

Remarks:

Cracking noted to stone veneer. Cracking noted to brick trim. Ponding noted on flashing cap.



Dripping noted at front gutter corners.



Left chimney - cracked veneer noted, missing bricks noted. Ponding water noted on cap.



Right chimney - cracked veneer noted, missing brick noted. Ponding water noted on cap.

Garage/Carport

Settling cracks noted biological/organic growth noted
General Condition Is: Good **Type: Garage-Attached** **Size: 2-car**
 Fire wall between garage and house: **Yes** Holes and/or penetrations through fire wall should be sealed.
Solid core door to house: N/A **Self closing device:**
 Electrical wiring protected on walls to 7 ft.: **Yes** Garage outlets at least 18" off floor: **Yes**
Outlets protected by GFCI : Yes Potential Hazard (outlets are not GFCI protected)
Windows: Good **Type: Single Hung**
Sink: N/A **Type:**
Faucet Operating Condition: N/A **Lighting Functions: Yes**
Side/back garage door: Good Limited access to garage Garage attic not intended for storage
 Evidence of moisture entry (see remarks)
Remarks: Unable to check all electrical outlets (in-use or not accessible)

Right side of garage converted to office. Exposed wiring noted in garage attic next to access opening.

Garage Door(s)

Remote control devices are not tested.

Note: Openers with electric eye or door edge sensors are now available which can be retrofitted for safety.

Garage Door **Left Hand** **Size: 2-car**

General Condition Is: Good **Construction: Metal** **Type: Roll-up**
Operation: Automatic Auto Reverse functions: **No-Potential Hazard**
 Recommend adjustment of auto reverse function.
 Safety Spring Retainers: **Yes**

Remarks:

6 " max height recommended for electric door sensors. Garage door opener did not auto reverse when door was blocked - electric eye sensor noted & working.

Garage Door **Right Hand** **Size: 1-car**

General Condition Is: Fair-Poor **Construction: Metal** **Type: Roll-up**
Operation: Automatic Auto Reverse functions: **Yes**
 Recommend adjustment of auto reverse function.
 Safety Spring Retainers: **Yes**

Remarks:

Right hand garage door opener hardware hits office framing during operation - door stops at half way point.



Right side garage converted. Garage door hangs up on office framing.



Exposed wiring noted in garage attic.



6 " max recommended for door sensors.

Room



Settling cracks noted



biological/organic growth noted

Wall Finish: **Good** Type: **Paint**

Flooring: **Good-Fair** Type: **Carpet, tile**

Window(s): **Good** Type: **Fixed**

Door(s): **Good** Type: **Single**

Ceiling Fan: **Functioning**

Screens: **N/A**

Screens: **Good**

Ceiling/Wall Light: **Functioning**



Unable to check all electrical outlets (in-use or not accessible)

Heating /Cooling Device: **HVAC Duct**

Remarks:

Cracking & chipping noted to floor tile.

Fireplace/Stove

Type Fireplace: **Built-in**

Fire box: **Good** Damper: **UTD**

Gas Log: **N/A** Damper not permanently secured open-Potential Hazard

Gas Lighter: **N/A** Gas Shut-off valve:

Chimney Clean: **Unknown** Evidence of smoke: **No**



Chimney should be inspected for cleanliness

Hearth Extension: Inadequate, (Less than Typical Min. of 16") Potential Hazard

Remarks:

Fireplace in use - access limited. Blower not tested.

Wet Bar

Located In: **Living Room**

Cabinets: **Good** Friction Catches on Cabinets: **Yes**

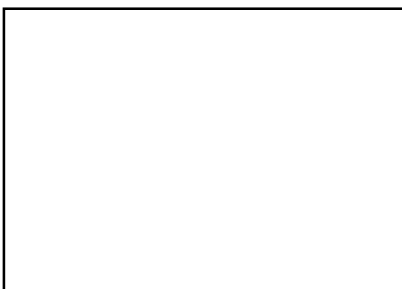
Countertop: **Good** Type: **Ceramic**

Sink: **Good** Type: **Enameled Steel**

Faucet Operation: **Good** GFCI outlet near sink: **Yes**

Plumbing Leaks: **None Apparent**

Remarks: Unable to check all electrical outlets (in-use or not accessible)



Living room



Wet bar

Entry Foyer

See Notes at Living Room Settling cracks noted

Wall Finish: **Good** Type: **Paint**
 Flooring: **Fair** Type: **Tile**
 Window(s): **Good** Type: **Fixed** Screens: **N/A**
 Door(s): **Good** Type: **Front Door-Single** Screens: **N/A**
 Closets/Cabinets: **N/A**
 Ceiling Light: **Functioning** Ceiling Fan: **N/A**

Remarks: Unable to check all electrical outlets (in-use or not accessible)

Cracking notes is entry hull floor tile.

Hallways

Settling cracks noted Biological/organic growth noted

Wall Finish: **Good** Type: **Paint**
 Flooring: **Fair** Type: **Tile**
 Window(s): **N/A** Type: Screens:
 Door(s): **Good** Type: **Single**
 Closets/Cabinets: **Good**
 Ceiling/Wall Light: **Functioning** Ceiling Fan: **N/A**

Remarks: Unable to check all electrical outlets (in-use or not accessible)

Cracking & chipping noted to floor tile. Key-less locks are recommended for exterior doors.

Stairways/Landings (Interior)

Settling cracks noted Biological/organic growth noted

Riser/Tread Ratios: **Good** Head Clearance: **Good**
 Railing: **Sturdy/Spacing: Good** Stair Covering: **Carpet & Wood**

Spacing of Railing Balusters exceeds 4" which may present a HAZARD to infants/children.
 Loose railings/posts noted Potential HAZARD

Window(s): **N/A** Type: Screens:

Remarks: Unable to check all electrical outlets (in-use or not accessible)

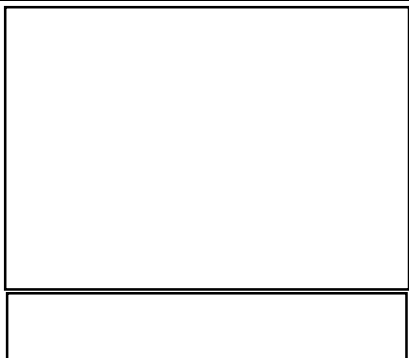
Settling crack noted in center wall of stairway.

Other Items

Recommend a qualified alarm company test security and fire systems.

Central Vacuum: **Did Not Test** Water Softener: **Did Not Test**
 Intercom: **N/A** Security System: **Did Not Test**
 Lighting: **Appears Adequate** Storage Space: **Appears Adequate**

Remarks:



Front entry - cracking noted to floor tile.



Den off front entry

Kitchen

With Eating Area
 Settling cracks noted
 biological/organic growth noted
 Wall Finish: **Good** Type: **Paint & Paper**
 Flooring: **Good-Fair** Type: **Tile**
 Window Condition: **Good** Type: **Single Hung/Slider** Screens: **Good**
 Door(s): **Good** Type: **Single** Screens: **Good**
 Ceiling/Wall Light: **Functioning** Ceiling Fan: **Functioning**
 Cabinets: **Good** Cabinet Hardware: **Good** Friction Catches on Cabinets: **Yes**
 Countertop: **Good** Type: **Corian**
 Sink: **Good** Type: **Corian** Size: **Single and Double**
 Faucet Operation: **Good** GFCI outlet near sink: **Yes**
 Garbage Disposal Function: **Functioning** Unable to check all electrical outlets (in-use or not accessible)
 Dishwasher: **Functioning** Anti-siphon device for dishwasher: **Yes**

Dishwasher is checked for ability to fill and drain only.

Trash Compactor: **Functioning**

Exhaust Fan: **Functioning** Type: **Downdraft**

Gas stove installed with recirculating or no exhaust fan, although kitchen stove exhaust fan may not be required, we recommend upgrading, ducting the exhaust to the exterior.

Built-in Microwave: **Functioning** Leakage exceeds 5mw/cm2

Stove (range): **Good** Type: **Gas**

Oven: **Good** Type: **Electric** Self Cleaning: **Yes-Did Not test**

Refrigerator space: **Built-In** " Wide " High " Deep

Refrigerator space = (typical minimums 36"x72"x24")

Plumbing leaks: **None Apparent**

Remarks: Heating /Cooling Device: **HVAC Duct**

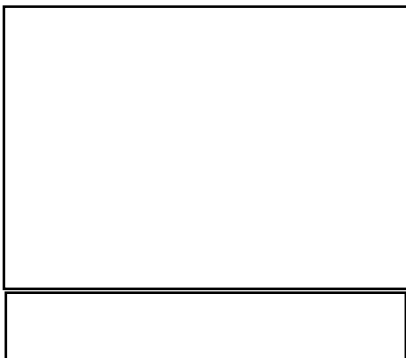
Cracking noted to floor tile. Trash compactor hangs-up during operation - must be manually turned off. Wear noted to interior surfaces of cabinet doors.

Dining Area

With Eating Area
 Settling cracks noted
 biological/organic growth noted
 Wall Finish: **Good** Type: **Paint and Paneling**
 Flooring: **Fair** Type: **Tile**
 Window(s): **Good** Type: **Fixed** Screens: **N/A**
 Door(s): **Fair** Type: **Single** Screens: **Good**
 Ceiling/Wall Light: **Functioning** Ceiling Fan: **N/A**
 Unable to check all electrical outlets (in-use or not accessible)

Remarks: Heating /Cooling Device: **HVAC Duct**

Key-less locks are recommended for exterior doors. Failing seals noted in front windows & door.



Laundry Location: **Separate Rm**

Settling cracks noted biological/organic growth noted

Wall Finish: **Good** Type: **Paint**

Flooring: **Good-Fair** Type: **Tile**

Window(s): **Good** Type: **Slider**

Door(s): **Good-Fair** Type: **Pocket**

Screens: **Not Installed**

Screens: **N/A**

Ceiling/Wall Light: **Functioning** Exhaust Fan: **N/A**

Heating /Cooling Device: **HVAC Duct** Ironing Outlet: **Functioning**

Cabinets: **Good** Cabinet Hardware: **Good**

Countertop: **Good** Type: **Ceramic**

Sink: **Good** Type: **Enameled Steel** Size: **Single**

Faucet Operation: **Good** GFCI outlet near sink: **Yes**

Dryer Source: **Gas and Electric** Vented to outside: **Yes**

Washing Machine water valves and drains (standpipe are not tested for flow or operation)

Plumbing leaks: **None Observed** Dryer gas line not capped-Potential Hazard

Remarks: Unable to check all electrical outlets (in-use or not accessible)

Wear noted to pocket door finish. Ceiling finish not completed. Cracking noted to floor tile. Low flow noted out of sink dish sprayer.

Pantry Location: **N/A**

Settling cracks noted biological/organic growth noted

Wall Finish: Type:

Flooring: Type:

Window(s): Type:

Door(s): Type:

Screens:

Screens:

Ceiling Light: Exhaust Fan:

Heating Device: Ironing Outlet:

Cabinets: Cabinet Hardware:

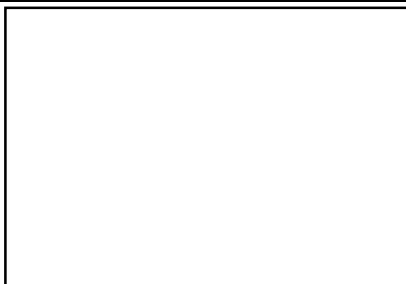
Countertop: Type:

Sink: Type: Size:

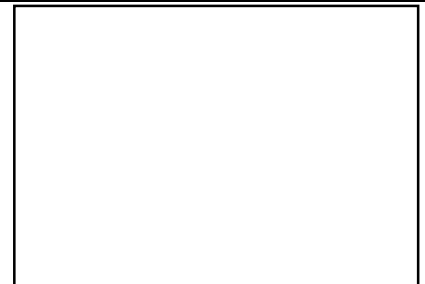
Faucet Operation: GFCI outlet near sink:

Plumbing leaks:

Remarks: Unable to check all electrical outlets (in-use or not accessible)



Laundry area



Settling cracks noted

Biological/organic growth noted

Wall Finish: **Good** Type: **Paint**

Ceiling/Wall Light: **Functioning**

Flooring: **Good** Type: **Carpet**

Ceiling Fan: **Functioning**

Window(s): **Good** Type: **Fixed**

Screens: **N/A**

Door(s): **Good-Fair** Type: **Single**

Screens: **Good**

Closet Storage: **Appears Adequate** Type: **Walk-in**

Light in closet: **Functioning** Unable to check all electrical outlets (in-use or not accessible)

Remarks: Heating /Cooling Device: **HVAC Duct**

Key-less locks are recommended on all exterior exit doors.

Sitting/Dressing Area **N/A**

Settling cracks noted

Biological/organic growth noted

Wall Finish: Type:

Ceiling/Wall Light:

Flooring: Type:

Ceiling Fan:

Window(s): Type:

Screens:

Door(s): Type:

Closet Storage: Type:

Light in closet: Unable to check all electrical outlets (in-use or not accessible)

Sinks and cabinets located in this area see Master Bathroom for evaluation

Remarks: Heating /Cooling Device:

Fireplace/Stove

Type Fireplace: **Built-in**

Fire box: **Good** Damper: **UTD**

Gas Log: **N/A** Damper not permanently secured open - **Potential Hazard**

Gas Lighter: **N/A** Gas Shut-off valve:

Chimney Clean: **Unknown** Evidence of smoke: **No**

R Chimney should be inspected for cleanliness

Hearth Extension: **Good-Adequate** Inadequate, (Less than Typical Min. of 16") **Potential Hazard**

Remarks:

Access to firebox limited - fireplace in use.



Master bedroom



Note: Although 48" was the former maximum window sill height, current standards are 42" maximum sill height to allow children & elderly emergency egress in the event of fire. We suggest a dresser or chair be placed in front of window if higher than 42".

Settling cracks noted

Biological/organic growth noted

Wall Finish: **Good**

Type: **Paint**

Ceiling/Wall Light: **Functioning**

Flooring: **Good**

Type: **Tile**

Exhaust Fan: **Functioning**

Window(s): **Good**

Type: **Fixed**

Screens: **N/A**

Door(s): **Good**

Type: **Pocket**

Heating /Cooling Device: **HVAC Duct**

Bath Fixtures: **Separate Shower & Tub**

Shower/Tub Door/Curtain: **Hinged Door**

Condition: **Good**

Tub Condition: **Good**

Material Type: **Fiberglass**

Jetted Tub: **No**

Tub Enclosure: **Good**

Material Type: **Ceramic**

Faucet Operation: **Good**

Shower Condition: **Good-Fair**

Shower Pan: **Ceramic**

Low flow showerhead: **No**

Shower Enclosure: **Good**

Material Type: **Ceramic**

Faucet Operation: **Good**

The waterproof integrity of ceramic tubs and showers is beyond the scope of this report.

Vanity Cabinet(s): **Good**

Countertop Condition: **Good**

Type: **Ceramic**

Sink Condition: **Good**

Type: **Enameled Steel**

Size: **Single**

Faucet Operation: **Good**

GFCI Outlet(s) at sink: **Yes**

Toilet Condition: **Good**

Water saver type tank: **No**

Plumbing leaks: **None Apparent**

Remarks: Unable to check all electrical outlets (in-use or not accessible)

Cracks noted is shower pan tile. Sink faucet & handle surfaces worn. Cracking noted to shower tile grout.

Located in separate room: **Toilet**

NOTE: See above for evaluation of toilet/bathtub/shower

Settling cracks noted

Biological/organic growth noted

Wall Finish: **Good**

Type: **Paint**

Ceiling/Wall Light: **Functioning**

Flooring: **Good**

Type: **Tile**

Exhaust Fan: **Functioning**

Window(s): **Good**

Type: **Single Hung**

Screens: **Good**

Door(s): **Good**

Type: **Single**

Heating /Cooling Device: **HVAC Duct**

Remarks: Unable to check all electrical outlets (in-use or not accessible)



Master bathroom

Define: **Bedroom** # **2** Location: **Upper right**

<input type="checkbox"/> Settling cracks noted	<input type="checkbox"/> biological/organic growth noted
Wall Finish: Good Type: Paper	Ceiling/Wall Light: Functioning
Flooring: Good Type: Carpet	Ceiling Fan: Functioning
Window(s): Good Type: Single Hung/Fixed	Screens: Good
Door(s): Good Type: Single	
Closet Storage: Appears Adequate Type: Walk-in	
Light in closet: Functioning	<input type="checkbox"/> Unable to check all electrical outlets (in-use or not accessible)

Remarks: Heating /Cooling Device: **HVAC Duct**

Define: **Bedroom** # **3** Location: **Upper left**

<input checked="" type="checkbox"/> Settling cracks noted	<input type="checkbox"/> biological/organic growth noted
Wall Finish: Good Type: Paint	Ceiling/Wall Light: Functioning
Flooring: Good Type: Carpet	Ceiling Fan: Functioning
Window(s): Good Type: Single Hung/Fixed	Screens: Good
Door(s): Good Type: Single	
Closet Storage: Appears Adequate Type: Walk-in	
Light in closet: Functioning	<input type="checkbox"/> Unable to check all electrical outlets (in-use or not accessible)

Remarks: Heating /Cooling Device: **HVAC Duct**

Define: **Bedroom** # **4** Location: **Lower front left**

<input type="checkbox"/> Settling cracks noted	<input type="checkbox"/> biological/organic growth noted
Wall Finish: Good Type: Paper	Ceiling/Wall Light: Functioning
Flooring: Good Type: Carpet	Ceiling Fan: Functioning
Window(s): Good Type: Single Hung/Fixed	Screens: Good
Door(s): Good Type: Single	
Closet Storage: Appears Adequate Type: Reach-in	
Light in closet: Not Installed	<input type="checkbox"/> Unable to check all electrical outlets (in-use or not accessible)

Remarks: Heating /Cooling Device: **HVAC Duct**



Bedroom # 2



Bedroom # 3



Bedroom # 4

Note: Although 48" was the former maximum window sill height, current standards are 42" maximum sill height to allow children & elderly emergency egress in the event of fire. We suggest a dresser or chair be placed in front of window if higher than 42".

Settling cracks noted

Biological/organic growth noted

Wall Finish: **Good**

Type: **Paint**

Ceiling/Wall Light: **Functioning**

Flooring: **Good**

Type: **Tile**

Exhaust Fan: **Functioning**

Window(s): **Good**

Type: **Single Hung**

Screens: **Good**

Door(s): **Good**

Type: **Single**

Heating /Cooling Device: **HVAC Duct**

Bath Fixtures: **Shower Only**

Shower/Tub Door/Curtain: **Sliding Glass Doors** Condition: **Good**

Tub Condition: **N/A**

Material Type:

Jetted Tub:

Tub Enclosure: **N/A**

Material Type:

Faucet Operation: **N/A**

Shower Condition: **Good**

Shower Pan: **Tile**

Low flow showerhead: **No**

Shower Enclosure: **Good**

Material Type: **Tile**

Faucet Operation: **Good**

The waterproof integrity of ceramic tubs and showers is beyond the scope of this report.

Vanity Cabinet(s): **Good**

Countertop Condition: **Good**

Type: **Tile**

Sink Condition: **Fair**

Type: **Enameled Steel**

Size: **Single**

Faucet Operation: **Good**

GFCI Outlet(s) at sink: **Yes**

Toilet Condition: **Fair-Poor**

Water saver type tank: **No**

Plumbing leaks: **None Apparent**

Remarks: Unable to check all electrical outlets (in-use or not accessible)

Toilet loose - not secured to floor. Sink overflow drain slow to drain - may overflow sink. Sink slow to drain.

Located in separate room: **N/A**

NOTE: See above for evaluation of toilet/bathtub/shower

Settling cracks noted

Biological/organic growth noted

Wall Finish:

Type:

Ceiling/Wall Light:

Flooring:

Type:

Exhaust Fan:

Window(s):

Type:

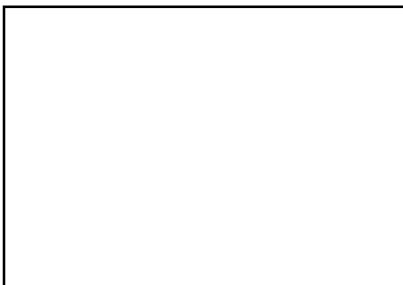
Screens:

Door(s):

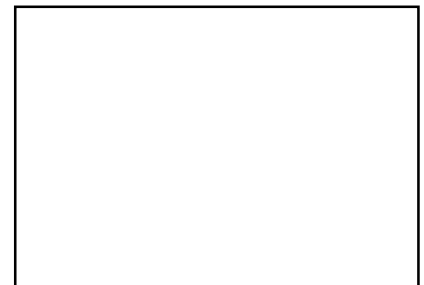
Type:

Heating /Cooling Device:

Remarks: Unable to check all electrical outlets (in-use or not accessible)



Bathroom # 2 - toilet not secured to floor.



Settling cracks noted

Biological/organic growth noted

Wall Finish: **Good** Type: **Paper**
Flooring: **Good-Fair** Type: **Tile**
Window(s): **Good** Type: **Fixed**
Door(s): **Good** Type: **Single**

Ceiling/Wall Light: **Functioning**
Exhaust Fan: **Functioning**
Screens:

Heating /Cooling Device: **HVAC Duct**

Bath Fixtures: **Shower Only**

Shower/Tub Door/Curtain: **Sliding Glass Doors** Condition: **Good**

Tub Condition: **N/A** Material Type:

Jetted Tub:

Tub Enclosure: **N/A** Material Type:

Faucet Operation: **N/A**

Shower Condition: **Good**

Shower Pan: **Ceramic**

Low flow showerhead: **No**

Shower Enclosure: **Good**

Material Type: **Ceramic**

Faucet Operation: **Good**

The waterproof integrity of ceramic tubs and showers is beyond the scope of this report.

Vanity Cabinet(s): **Good**

Countertop Condition: **Good**

Type: **Ceramic**

Sink Condition: **Good**

Type: **Enameled Steel**

Size: **Single**

Faucet Operation: **Good**

GFCI Outlet(s) at sink:

Toilet Condition: **Fair**

Water saver type tank: **No**

Plumbing leaks: **None Apparent**

Remarks:

Unable to check all electrical outlets (in-use or not accessible)

Toilet loose, not secured to floor. Cracking noted to shower tile grout.

Located in separate room: **N/A**

NOTE: See above for evaluation of toilet/bathtub/shower

Settling cracks noted

Biological/organic growth noted

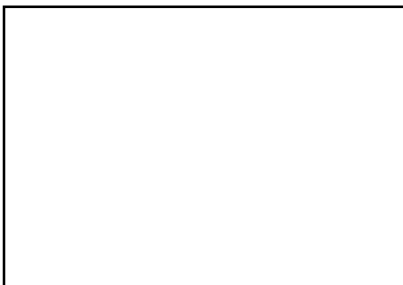
Wall Finish: Type:
Flooring: Type:
Window(s): Type:
Door(s): Type:

Ceiling/Wall Light:
Exhaust Fan:
Screens:

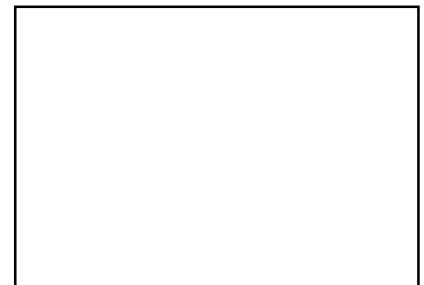
Heating /Cooling Device:

Remarks:

Unable to check all electrical outlets (in-use or not accessible)



Bathroom # 3 - toilet loose.



Heating & Air Conditioning Inspection

Visual Condition Is: **Good**

Operational Condition: **Good**

Recommend further evaluation of:

R Due to age of heating system, heat exchanger should be checked for cracks.

Recommend cleaning of :

Note: According to industry experts, the average life of the furnace heat exchanger in the U.S. is 15 years. As with all mechanical equipment, our inspection is a visual evaluation of the operation. If heating or a/c equipment is a concern, please have a licensed HVAC technician perform a maintenance inspection. Capacity or adequacy of system to heat or cool the home is beyond the scope of the inspection.

Type Unit: **Central Heating/Cooling**

Add'l Units: **Central Heating/Cooling**

Systems Not Tested: **Cooling System not tested due to low outside air temperature**

Equipment Location: **Side yard/Attic**

Cooling: Return Air Temperature: Degrees (F)

Supply air temperature: Degrees (F)

Heating: Return Air Temperature: **71-73** Degrees (F)

Supply air temperature: **104-115** Degrees (F)

Heating Unit: Make: **Amana**

Model #:

Air Conditioning Unit: Make: **Lennox**

Model #: **HS29-060-3P**

Number of return filters locations: **3** Location: **Hallway Ceiling**

Filter Condition: **Clean**

Location: **Living Rm**

Filter Condition: **Clean**

Programmable Thermostat: **No** Control: **Single Zone**

Thermostat functions on Fan Only Setting: **Functioning**

Condensate drain: **Yes-Primary**

Drain pan in attic: **Yes**

Condensate drains into crawl area

Condensate pump installed not tested

Heating Energy: Solar Assisted

Solar Systems are beyond the scope of this inspection and are not included

HVAC Ducting: Air flow to all rooms: **Yes**

Insulation torn: **Yes**

Ducts disconnected: **No**

Ducts collapsed: **No**

Heat Pump

Emergency heat:

Functions:

Furnaces

Combustion Venting: **Good**

Exhaust Venting: **Good**

Flue condition: **Good**

Inadequate clearance maintained around flue

Flue construction: **Metal Double wall**

Flame Condition: **Good**

Gas Shut-off Valve: **Yes**

Brass or copper pipe used for gas connection: Recommend replacement-Potential Hazard

Roof top or ground units

Gas pipe flashing not sealed

Gas pipe has no protective coating

Electrical flashing not sealed

Condensate drains onto roof surface

Attic Units **C** No Solid floor from access min. 24" wide

C No 30" deep platform in front of firebox

Lighting in Attic: **Yes-Functioning**

Remarks:

Tears noted to duct vapor covering - loose duct insulation noted. Recommend trimming vegetation away from AC condenser units.



AC condensers & disconnects. Vegetation contacting units.



Gas shut-off valve - lower attic unit over master bathroom.



Gas shut-off valve - upper attic unit.

Water Heater General

General Condition Is: **Fair** Approximate Age: **12+** Years Gallons: **100**
 Location: **Garage** Water Heater Type: **LP Gas**
 Make: **AO Smith** Model #: **FSG100911**

Solar or water heater assisted systems are not inspected.

According to industry experts, the average water heater life in the U.S. is 8 to 12 years.

- Safety Relief Valve (SRV): **Yes** Raised Platform (Garage): **Yes**
- SRV drained to the outside: **Yes**
- Supply Pipes Insulated: **No** Insulating Blanket (external): **Yes**
- Earthquake Strapping: **Not Installed-Potential Hazard**
- Bollards in place to protect from vehicle damage: **N/A**

Fuel Burning Water Heaters

- Combustion Venting: **Good** Exhaust Venting: **Good**
- Flue condition: **Good** Inadequate clearance maintained around flue
- Flue construction: **Metal Double wall**
- Flame Condition: **Fair** Fuel Shut-off Valve: **Yes**
- Brass or copper pipe used for gas connection: Recommend replacement-**Potential Hazard**

Electric Water Heaters Feed wire in conduit: Water heater timer:

Remarks:

No EQ strapping noted - 3 straps are recommended for 75 + gal water heaters. Residue noted on side of unit above fire box. Water heater may be reaching end of its expected life.

Plumbing

Note: Supply and Waste Lines which are not visible are not part of these conclusions.

General Condition Is: **Good** **All exposed pipes should be insulated to protect from freeze damage**

Gas: **Propane** Shut-off valve location: **At Tank**

Water Supply: **Well** Potable Water Pipe Material: **Copper**

Potable Water pipe leaks: **None Observed** Water main shut-off location: **Well equipment**

Exterior hose bibs#: **7** Exterior hose bibs have anti-siphon device: **Yes**

Decrease in water volume when more than one fixture is in use.

Waste treatment: **Septic** Waste Water Pipe Material: **ABS**

Waste pipe leaks: **None Observed** Clean-out plugs accessible: **Yes**

Dissimilar metals used without dielectric couplings and bonding may reduce service life

ABS sewer piping in this home was manufactured by a company that experienced failure of their product. An effort was made to visibly determine any current failure and no visible indications existed at the time of the inspection. Pipes concealed in walls and floors or other non-areas are beyond the scope of this inspection. Brand/ Date:

Remarks:

Well & septic inspections are by others.



Water heater gas shut-off valve. No EQ strapping noted.



Main gas shut-off at tank.



Water equipment located in garage.

Attic Area

Location Of Access: Master bathroom, bedroom 2 closet

Access limited to: of area due to inadequate clearance caused by:

Visual Condition of structure: Good Biological/Organic Growth Noted

Roof Framing: Conventional Stick

Roof Sheathing: Solid-Plywood

Rafters visibly sagging: None Observed

Ceiling joists sagging: None Observed

Chimney anchored to roof framing: N/A

Vaulted Ceiling: Yes

Attic Floor: No

Attic Insulation: Fiberglass- Batting

Insulation Thickness: 9-10 "+/-

Powered Attic Fan: No

Whole House Fan: Yes

Recessed Lights or Knob/Tube Wiring are covered with insulation-This may present a Fire HAZARD

Water Stains noted on the framing members which appear to be from Past Current Leak

Electrical: line splices in wiring without wire nuts; without J-box and/or cover

Remarks:

Deterioration noted to HVAC ducting vapor covering - loose duct insulation noted.

Crawl Space N/A

Soil Condition:

Access limited to: of area due to inadequate clearance caused by:

Location Of Access:

Crawl Space ventilation:

Piers fully Bearing:

Type sub floor:

Sub floor visual condition:

Girder/Joists Sagging:

Cripple walls appear diagonally braced:

Under floor Insulation:

Sump pump installed (not inspected for operation)

Water Stains noted on the framing members which appear to be from Past Current Leak

Electrical: line splices in wiring without wire nuts without J-box and/or cover

Water ponds to: "+/- deep during wet weather in crawl space Biological/Organic Growth Noted

If Soil Stability or expansive soil is a concern, contact a soils engineer.

Basement N/A

Stairways/Landings (Interior):

Head Clearance:

Riser/Tread Ratios:

Railing: Sturdy/Spacing:

Spacing of Railing Balustrades exceeds 4" which may present a HAZARD to infants/children.

Loose railings/posts Potential HAZARD

Foundation Recommend a licensed foundation contractor evaluate further for any needed repairs or replacements.

Type Foundation: Slab

Evidence of moisture entry to home (see remarks)

Foundation Material: Poured Concrete

Foundation Cracks: None visible

Anchor Bolts Noted: UTD

Remarks:



Lower attic



Upper attic



Deterioration noted to duct vapor covering

GLOSSARY OF COMMON TERMS

TERM	DEFINITION
ABS	acrylonitrile-butadiene-styrene-plastic pipe and fittings used for plumbing waste drains and vents.
ampere (amp)	a unit of electrical current, circuit breakers, wiring and appliances are normally rated by amperage.
anchor bolt	bolts used to fasten the building framing to concrete or masonry foundation.
anti-siphon	a device to prevent the back-flow of waste water into a system.
baluster	a small spindle or vertical member that supports a rail or banister. Balusters form the main support for the handrails along a stairway or around a balcony. Also called a banister.
balustrade	a row of balusters supporting a handrail along a stairway.
bollards	normally a metal post placed in front of equipment to protect against vehicle impact.
breaker tie	a clip or bar that connects two circuit breakers.
BX/MC cable	a trade name for a type of residential electrical wiring in which the wire bundle, consisting of individually insulated conductors, is covered by a flexible spiral-wound metal armor. Also called metal clad (MC) cable.
cap	the top part of a column, pilaster, etc.
caulking	using a sealant to fill small gaps in surfaces or between joints.
ceiling joist	a horizontal structural member spanning the top plates and to which the ceiling covering is attached.
circuit breaker	an automatic electrical switch that interrupts an electrical circuit when the current exceeds safe limits.
combustion venting	fresh air taken from the outside to aid in the complete combustion of a gas appliance.
condensate	water that is ejected from the heating and air system.
crawl space	the space within the foundation perimeter under a building's flooring that allows access to plumbing pipes and other systems.
cripple wall	a short framed wall extending between a concrete or masonry foundation and the floor.
damper	adjustable air-flow control device in a duct or flue vent pipe.
dielectric	a material that is an electrical insulator; a non-conductor.
double lugging	two wires to one circuit breaker.
drywall	wall coverings that are applied dry, or without mortar. The term is most often used in reference to gypsum wallboard (sheetrock).
escutcheon	a circular trim piece which fits around a pipe and covers the hole where the pipe passes through the wall or floor.
fire box	the combustion area of a fireplace, furnace, or boiler.

GLOSSARY OF COMMON TERMS

TERM	DEFINITION
fire wall	a wall rated to withstand the effects of a fire for a period of time, and prevent the further spread of the fire beyond the wall for that length of time.
flashing	waterproof sheets, often of corrosion-resistant metal or plastic, installed with exterior finishing material to prevent water leakage in places where it is likely to occur, such as at the intersection of a wall and roof or in the valley of a roof.
flue	the chimney passageway for smoke and combustion produced in a fuel burning appliance.
friction catch	a mechanism which holds a cabinet door closed using friction, such as a latch.
gable roof	a roof design in which all rafters are cut to the same length and joined in the center to form a peak, with the two sides of the roof sloping down from that peak.
gambrel roof	a roof style in which the rafters are at two different slopes from the ridge to the eaves.
GFCI	ground fault circuit interrupter-a circuit breaker designed to protect people from electrical shock.
girder	a structural beam used to support concentrated loads at points along its length.
hearth extension	a fireproof section of flooring extending out from a fireplace opening.
heat exchanger	a device for transferring heat from one fluid to another in cooling systems.
hip roof	a style of roof which slopes on the ends as well as the sides, so that the eave line formed is constant on all walls.
hose bib	a faucet with a threaded outlet to which a hose can be connected.
HVAC	heating, ventilation and air conditioning.
joist	a horizontal structural member that supports the load of a floor or ceiling.
junction box	a metallic or non-metallic box, designed with knockouts in the sides and back, used to support and protect electrical wire connections or conductor splices.
knob and tube	an obsolete form of house wiring in which the conductors are strung between porcelain knobs and porcelain tubes are used to line holes in structural members through which the wires pass.
negative grade	a condition in which the surrounding soil slopes toward the foundation.
mortar	a mixture of portland cement, lime and sand used to fill voids in masonry units, bond them together, and add support.
open circuit	an electrical circuit that has a break, or is "open," so that the current cannot flow through.
open hot	the wire coming from the circuit breaker has a break, or is "open," so that the current cannot flow through.
open neutral	normally the white wire has a break, or is "open," so that the current cannot flow through.
reverse polarity	the hot (black wire) and neutral (white wire) connections are reversed at the receptacle.
riser	vertical boards between stairway treads.

GLOSSARY OF COMMON TERMS

TERM	DEFINITION
<i>roof sheathing</i>	the structural covering of the rafters or trusses, usually plywood or hardboard panels or closely-spaced boards.
<i>safety relief valve (SRV) or (T&P)</i>	a pressure and/or temperature-relieving device, used to limit the pressure and/or temperature in a vessel or system to within a safe value.
<i>scupper</i>	a drain installed through a roof or deck surface to allow for drainage of water.
<i>sediment trap</i>	a short piece of pipe normally installed vertically in a horizontal section of pipe to trap particles.
<i>spalling</i>	flaking and deterioration of a masonry surface.
<i>spark arrestor</i>	a screen or expanded metal covering on the outlet of an exhaust or a chimney which allows smoke to pass through but prevents sparks from exiting and creating a fire hazard.
<i>strike plate</i>	a metal plate, recessed flush with a door jam, into which a lock bolt latches.
<i>thermal seal</i>	the seal between the panes of glass on dual pane windows.
<i>tread</i>	the horizontal boards on stairs which make up the steps.
<i>UFER</i>	a metal rod imbedded in the foundation used to complete the home electrical grounding system.
<i>weather strip</i>	a seal used around doors and windows which prevents drafts, dust, noise and moisture from entering the building.
<i>weep hole</i>	a hole in masonry walls which permit the passage of water and prevent it from building up behind the wall and possibly undermining the foundation.
<i>wiring splice</i>	joining two wires together.



THOMAS REAL ESTATE INSPECTIONS, Inc. INSPECTION SERVICES Inc.

12073 Wanderer Rd.

Phone: (530) 268-3452 Fax: (530) 268-3452

E-mail: mike@thomasinspections.com Web: www.thomasinspections.com

Homes are built to last for a lifetime, but there are certain systems or components that wear out periodically, and will need to be replaced on a fairly regular time cycle. The following life cycles are derived from a number of sources as well as the

Life Expectancy of Home Components (based on 2002 data)

Landscaping	Years	Roofing	Years	Interior(con't)	Years
Decks		Asphalt composition rolled	12-20	Counter Tops	
Wood	15	Asphalt composition shingle	15-30	Acrylic	15+
Driveways		Built-up roofing	12-30	Ceramic	100+
Asphalt	15	Concrete or Clay Tile	30-100+	Corian	20+
Concrete	50	Gutters & Downspouts (copper)	50+	Granite	20+
Fencing		Gutters & Downspouts (galv)	15-20	Laminated/Formica	10-15
Wood	12	Gutters & Downspouts (vinyl)	8-10	Wood	20
Chain Link	30	Shake & Wood Shingles	15-30	Bath	
Patio		Sheet Metal	25-50+	Cast Iron Bathtub	50
Brick/Stone	20	Slate	50-100	Fiberglass Bathtub/Shower	10-15
Concrete	24	Spray Foam	Unknown	Toilet	50
Sprinkler Systems	12	Wood Composition Tile	Unknown	Sinks	
Swimming Pool		Electrical	Years	Acrylic	10+
Vinyl Above ground	10	Aluminum branch circuit wiring	Need Inspect.	Cast Iron or Porcelain	25-30
Built-in Plaster	18	Fused Service Panel	Outdated	Concrete	50+
Walkways		GFCI circuit breaker or outlet	5-10	Corian	20+
Brick/Stone	15	Knob & Tube wiring	Outdated	Enamel Steel	5-10
Concrete	24	Service Panel	40	Faucet	15-20
Loose Aggregate	4	Plumbing	Years	Fiberglass	15-20
Exterior Structure	Years	Cast Iron sewer pipe	50-100	Appliances	
Doors		Concrete sewer pipe	50-100	Compactor	10
Door with roof over it	80-100	Copper potable water pipe	50+	Dishwasher	5-12
Main Garage Door	20-50	Copper sewer pipe	50+	Disposal	5-12
Siding		Galvanized potable water pipe	30-50	Freezer	16
Aluminum or Vinyl Siding	20-50	Plastic potable water pipe	Unknown	Microwave oven	11
Brick chimney & fireplace	100+	Plastic sewer pipe	Unknown	Refrigerator	15-20
Brick or stone walls	100+	Interior	Years	Septic tank & System	15-25
Caulking for sealer	8-10	Doors		Stove/Oven	15-20
Composite pressed wood siding	Unknown	Hollow core door	5-30	Sump Pump	10-12
Exterior Paint	7-10	Solid core door	30+	Washer/ Dryer	8-12
Metal Coping	20-40	Steel door	50+	Well	10-12
Mortar(walls)	25+	Floors		Water Heaters	
Steel siding	50-100	Carpeting	8-12	Gas/Oil	8-12
Stucco 2-coat	Unknown	Marble	100+	Electric	10-15
Stucco 3-coat	50-200	Slate flagstone	100+	Heat Extractor	8-12
Stucco EIFS	Unknown	Solid oak or pine	100+	Air Conditioning	Years
Wood Siding	10-100+	Terrazzo	100+	Attic Fan	18-20
Windows		Vinyl	20-30	Boilers	30-50
Window Glazing	20	Wood Laminate	20+	Burner & Heat Exchanger	21-24
Aluminum Casement	20-50	Interior Walls & Finish		Central Air Conditioning	8-15
Dual Pane thermo-seals	10-20	Ceramic Tile	100+	Damper	18-20
Wood Casement	20-50	Drywall & Plaster	30-70	Electric Heat Air Handler	8-12
Shutters		Wall & Trim Paint	5-10	Electric Radiant Heater	10-12
Wood Exterior	4-5	Wallpaper	7	Fiberglass Ducting	14-16
Vinyl Exterior	7-8	Wood Paneling	20+	Flexible Plastic Ducting	14-16
Aluminum Exterior	3-5	Stairs		Furnace Gas/Oil	8-18
Foundation	Years	Railings	30-40	Furnace High Efficiency	Unknown
Poured footing/foundation	200	Stairs	50-100	Galvanized Ducting	28-30
Concrete Block	100	Cabinets		Heat Pump	8-12
Cement	50	Medicine cabinet	20+	Humidifier	6-8
Post-tension Slab on Grade	50+	Kitchen cabinet	15-20	Whole House Fan	14-16
				Window Air Conditioner	8-10