

Home Inspection Report



9776 Heavenly Lane, Mequon, WI 53092

Inspection Date:

Saturday, March 10, 2018

Prepared For:

Mr and Mrs Buyer

Prepared By:

Scope Inspections, LLC 7245 South 76th Street #253 Franklin, WI 53132 (262) 989-0899 ehansen@scope-inspections.com

Report Number:

200204

Inspector:

Erik F. Hansen

License/Certification #:

2889-106

Report Overview

Scope of Inspection

All components designated for inspection in the WI Standards of Practice are inspected. It is the goal of the inspection to put the buyer in a better position to make a buying decision. Not all improvements that are important to the buyer will be identified during the inspection. While we can reduce the risk of purchasing a home, we cannot eliminate it nor assume it. Even the most comprehensive inspection cannot be expected to reveal every condition you may consider significant to ownership. Further evaluation by a qualified contractor may find additional repairs - please refer to the Inspection Agreement and the WI Standards of a Practice for a full explanation of the scope of inspection and limitations. The inspection report will comment on several additional areas for improvement to prevent a future repair and expense - completing routine maintenance may prevent these common issues.

Main Entrance Faces
South
State of Occupancy
Vacant
Weather Conditions
Cloudy, 32°
Rain In The Last Three Days
No, recent snow melt
Ground Cover
Partial snow cover
Approximate Age
52 years old

Report Summary

Scope Inspections Summary Page Information

This page reflects a brief summary of the significant deficiencies or critical concerns which are important to highlight as they relate to function or safety. This is only a summary and is provided as a courtesy - it should not be considered the whole report. The complete list of issues, concerns, deficiencies and important details pertaining to this property is found throughout the body of this inspection report. Your entire report must be carefully read to fully assess all the findings and benefit from the recommendations, maintenance advice, tips and other important resource information.

Items Not Operating

None apparent

Major Concerns

None apparent

Potential Safety Hazards

- •GFCI outlet protection has improved and is now recommended for all exterior, garage, laundry rooms, bathrooms and above all countertops in kitchens, recommend a qualified person or contractor install GFCI protected outlets in all potentially wet or damp areas.
- •There were no visible carbon monoxide detectors or operable smoke detectors in house, recommend installing on all levels of the home and within earshot of all sleeping rooms.
- •Main electrical panel was older with dissimilar circuit breakers, several double tapped breakers and was in need of an upgrade, recommend a licensed electrician evaluate and replace/upgrade as needed.

Repairs/Issues

- North windows in Family Room had exterior wood rot, interior staining on floor and jambs and on sub floor when viewed from basement, recommend a qualified window contractor evaluate and replace as needed.
- Porch post was loose to base and water damaged, recommend a qualified contractor replace.
 Bathroom (2) toilet has a chronic leak with staining/rot on subfloor, kitchen sink faucet was leaking, Master Bathroom sink drainage pipe and shutoff valve were leaking and dishwasher was leaking and drain had an S trap, recommend a qualified plumber repair as needed.
- Pest/vermin nesting and droppings were observed in attic and basement areas, recommend consulting with a pest control specialist for treatment options.

Deferred (Budgeting) Cost Items

- · Air conditioning unit was not operated due to exterior temperature but based on age, 19 years old, recommend budgeting to replace.
- Furnace operated as intended at time of inspection but based on age, 19 years old, recommend budgeting to replace.
- •Water heater operated as intended at time of inspection but based on age, 7 years old, recommend budgeting to replace.

Improvement Items

- ·Some areas around the house have a flat/negative grade, recommend improving grade as needed for proper water runoff.
- •Mature trees are close to home, recommend routinely cleaning gutters and roof as needed. •Consider upgrading exterior hose bibs (faucets) to newer style with modern safety features.
- Annual maintenance is recommended on HVAC equipment to ensure safe and efficient operation.
- •Recommend replacing 20x25x4 furnace filter.

Items To Monitor

Recommend monitoring all older water staining and previous repairs.

Receipt/Invoice

Scope Inspections, LLC 7245 South 76th Street #253 Franklin, WI 53132 (262) 989-0899

Date: Sat. Mar. 10, 2018 1:00 Inspected By: Erik F. Hansen

Client: Mr and Mrs Buyer

Total

Property Address 9776 Heavenly Lane Mequon , WI 53092

Inspection Number: 200204
Payment Method: Credit Card

Inspection	Fee	
Home Inspection	\$375.00	
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\$375.00

Grounds

Service Walks Material Condition Photos	Not Visible ☐ Public Sidewalk ☒ Private Sidewalk ☐ Concrete ☐ Flagstone ☐ Gravel ☒ Asphalt Other: ☐ Satisfactory ☒ Marginal ☐ Poor ☐ Trip hazard ☒ Typical cracks ☒ Pitched towards home ☐ Settling cracks ☐ Public sidewalk needs repair ☒ Broken/loose ☒ Not Visible - Snow Covered
	Depression in asphalt creates a negative slope for water runoff, recommend improving as needed
Driveway/Park	ina
Material Condition	☐ Concrete ☒ Asphalt ☐ Gravel/Dirt ☐ Brick Other: ☐ Stone ☐ Satisfactory ☒ Marginal ☐ Poor ☒ Settling Cracks ☒ Typical cracks ☐ Pitched towards home ☐ Trip hazard ☒ Fill cracks and seal ☐ Not Visible - Snow Covered
Photos	
	Minor cracks were observed in driveway which may indicate soil settlement - typical for age of home, recommend routinely sealing all cracks and exposed areas as needed to prevent seasonal freeze/thaw deterioration, future movement and prolong the driveway's useful life.
Porch	
	Not Visible/Snow Covered

Grounds

	Grounds
Porch cont.	
Condition Support Pier	Satisfactory X Marginal Poor X Typical Cracks/Settlement Concrete X Wood Other:
Floor Comments	Satisfactory X Marginal Poor Safety Hazard
Photos	East supporting post has wood rot and was loose to base, recommend a qualified contractor replace as needed. Porch floor had some settlement with a crack.
Stoops/Steps	
Material Condition	X Concrete Wood Other: X Satisfactory Marginal Poor Safety Hazard Uneven risers Rotted/Damaged Cracked Settled Seal Cracks Railing/Balusters recommended
Comments	Repair or Replacement is Recommended
Deck/Balcony	X Not Visible/Snow Covered
Material Condition	
Finish	☐ Treated ☐ Painted/Stained Other: ☐ Safety Hazard ☐ Improper attachment to house ☐ Railing loose ☐ Not Applicable
Comments	



Majority of deck was snow covered and not visible



Older drainage piping below deck does not appear to be in use



Steps to deck were tilted creating potential trip hazards, recommend replacing as needed.

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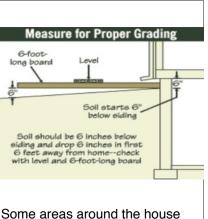
Negative Grade

☐ Wood in contact with/improper clearance to soil ☒ Not Visible/Snow Covered

Comments

Maintenance: Due to the high cost of foundation repairs, proper slope of surfaces directly adjacent to foundation wall must be maintained. 1" per foot for the first 5 or 6' is recommended. Neglect of proper drainage can contribute to water infiltration, foundation movement and failure.

Photos



were flat and/or negative increasing the risk of water intrusion, recommend adding additional soil to create a positive slope for proper water runoff.

ose	

Condition

Satisfactory Marginal Poor No anti-siphon valve, recommend anti-siphon

Not frost proof, recommend frost proof |X| Recommend installing hose bibs with modern features

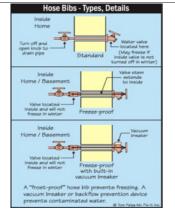
X Not on/Winterized

Operable Comments Yes No Not Tested Not On Pressure Above 100psi

A newer hose bib with modern safety features included an anti-siphon device and/or being frost proof. An anti-siphon device is a one-directional valve preventing water or possible chemical treatments (lawn, weeds or other) from entering the home's water supply. A frost proof hose bib helps in preventing the exterior faucets (spigots) from freezing during winter months; however, even when these are installed, we recommend turning off the interior water supply every winter season to these fixtures and draining.



 -Hose bibs were not on (winterized) and not evaluated.
 -Consider upgrading hose bibs to a newer style with modern safety features



Hose bib informational image. See Comments section above for additional information.

Chimney(s)	
Location(s)	Middle of Roof
Viewed From	☐ Roof X Ladder at eaves ☐ Ground (Inspection Limited) ☐ With Binoculars
Rain Cap/Spar	rk Arrestor ☐ Yes ☒ No ☐ Recommended
Chase	X Brick ☐ Stone ☐ Metal ☐ Blocks ☐ Framed
Evidence of	☐ Holes in metal ☒ Cracked chimney cap ☐ Loose mortar joints ☒ Flaking ☐ Loose brick ☐ Rust
	☐ No apparent defects ☐ Cracked Brick
Flue	
Evidence of	☐ Scaling ☐ Cracks ☐ Creosote ☒ Not evaluated ☐ Have flue(s) cleaned and re-evaluated
	Recommend Cricket/Saddle/Flashing X Recommend an annual evaluation
Condition	Satisfactory X Marginal Poor X Recommend Repair
Comments	While inspectors make every attempt to evaluate the condition of the flue, it is not readily visible due to
	several factors including flue covers, soot and creosote buildup or other visual limitations. Natural
	combustion deposits acidic material that weaken masonry and metal chimneys, causing deterioration.
	Chimneys are also an inviting location for critters to nest - potentially creating a blockage. An annual level
	(2) evaluation is recommended by the National Fire Protection Agency when there is a change in ownership
	to ensure your chimney is safely functioning as intended.
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Photos



Chimney flues are recommended to be covered with a rain cap to prevent water from entering the chimney, potentially causing damage to brickwork and entering the home's attic and causing subsequent damage to interior walls/ceilings. When used in conjunction with a fireplace, flue covers can stop down drafts preventing the home from filling with smoke and prevent cold blasts of air, in-turn helping to improve the home's energy efficiency. When a mesh or screen is integrated with the flue cover, it becomes a deterrent for animals (birds, squirrels, raccoons, etc.) from nesting within the warmth of the chimney.



Missing/loose mortar in the brick joints and cracked chimney cap recommend tuckpointing/sealing maintenance



Flue cover/rain cap informational image

Gutters/Scu	ppers/E	avestro	uah

☐ None

Gutters/Scupp	ers/Eavestrough cont.
Condition	Satisfactory Marginal Poor Rusting Downspouts needed Recommend repair/replace
	X Needs to be cleaned X Recommend Routine Cleaning
Material	Copper Vinyl/Plastic X Galvanized/Aluminum Other: Below Grade
Leaking	
Attachment	Loose Missing spikes Improperly sloped X Satisfactory
Extension nee	ded ⊠ North ☐ South ☐ East ☐ West ☐ N/A
Comments	
Photos	



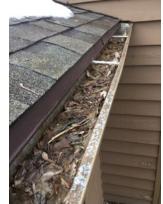
Recommend installing downspout extensions to allow proper water drainage as far away from house as practical to prevent roof water from collecting against the house and seeping into the lower level. Water staining was observed in the basement area below this saturated exterior downspout area.



Gutters are leaking at the seams with visible water damage - recommend repair



Downspout directs roof water onto asphalt path creating seasonal icing conditions and premature wear, recommend improving



Portions of the guttering system require cleaning now and at least every spring and multiple times during the fall in the future.

Material

Stone Slate Block/Brick Fiberboard Fiber-cement Stucco EIFS* Not Inspected Shapphalt Wood Metal/Vinyl Other: Typical cracks Peeling paint Monitor Wood rot Loose/Missing/Holes

Condition

Comments

Stone Slate Block/Brick Fiberboard Fiber-cement Stucco EIFS* Not Inspected Monitor Wood rot Recommend cracks Peeling paint Monitor Wood rot Satisfactory Marginal Poor Recommend repair/painting

Maintenance: All types of siding materials are exposed to several exterior conditions and should be evaluated annually for normal painting/staining maintenance and repairs/replacement to prevent interior issues from surfacing

Photos



and subsequent damage.

The exterior wood of the house has peeling paint and isolated areas of wood rot. This may be an indication of delayed or poor maintenance; there may be additional areas that need repair. The amount and depth of any moisture penetration is not observable until damaged areas are removed.



Vines/foliage may damage the siding and is an inviting environment for moisture and insects, consider removing.



Split wood siding, recommend replacement



Bowed and loose wood siding, replacement is recommended



Photos

Damaged wood trim and fascia at gutter end, recommend sealing internal gutter and replacing all damaged wood.



One or more areas of the home's trim had some water damage and/or deterioration increasing the potential for water intrusion and moisture related damage to adjacent components and interior finishes, recommend repairing/replacing all damaged areas as needed and routine painting maintenance. Consideration should be given to upgrade the exterior trim components with those fabricated of PVC or a composite material, or the like, due to those materials' superior moisture resistance and reduced maintenance requirements.

Soffit	
Material	
	Damaged wood Other:
Condition	X Satisfactory ☐ Marginal ☐ Poor ☐ Recommend Repair
Comments	
Fascia	
Material	X Wood Fiberboard Aluminum/Steel Vinyl Stucco X Recommend repair/painting
Waterial	X Damaged wood Other:
Condition	Satisfactory X Marginal Poor X Recommend Repair
Comments	Gomestically Grandstand Grandstand Company
Flashing	
	None
Material	Wood ☐ Fiberboard ☒ Aluminum/Steel ☐ Vinyl ☐ Stucco ☐ Recommend repair/painting
	Damaged wood Other:
Condition	
Comments	

Caulking

Condition

Satisfactory X Marginal Poor

Comments

Recommend routine caulking maintenance around trim/windows/doors/masonry ledges/corners/penetration's **Maintenance**: Caulk/sealant is a temporary building material and will require relatively frequent repairs or replacement, especially in wet environments. The highest quality sealant affordable is recommended for improved service life.

Photos



Recommend caulking around all utility penetrations and siding joints

Windows/Screens

Condition

☐ Satisfactory X Marginal ☐ Poor X Wood rot X Recommend repair/painting

Recommend repair/replace damaged screens Failed/fogged insulated glass

Material Screens Comments •Determining the condition of insulated glass and s

•Determining the condition of insulated glass and seals are not always possible due to temperature, weather and lighting conditions.

·Screens are prone to normal wear and tear, any comments about their condition is informational.

Photos



Wood rot on north side of house



Wood rot on north side of house

Storms Windows

Not installed

Condition Material Putty Comments X Satisfactory ☐ Broken/cracked ☐ Wood rot ☐ Recommend repair/painting

Wood ☐ Clad comb. ☐ Wood/Metal comb. X Metal

☐ Satisfactory ☐ Needed X N/A

Exterior	
Exterior Foundation	
Foundation Wall	
Improvement of this condition is advised, anticipate possible leaks until this condition is properly	
sealed/repaired. Photos	
Dimpled membrane along East foundation wall is indicative of recent foundation wall repairs.	
Electrical Service Entrance and Outlets	
Location	
Romex electrical wire to exterior light fixture is not rated for exterior use and is susceptible to damage, conduit is recommended to protect the wiring. Some exterior outlets were not GFCI protected Electrical meter was not secun house but in stable condition	re to
Main Entrance Weatherstripping: ☐ Satisfactory ☐ Marginal ☐ Poor ☐ Missing ☐ Replace Door condition: ☐ Satisfactory ☐ Marginal ☐ Poor	

Exterior Do	ors cont.
Rear Sliding	g Door □ N/A Weatherstripping: □ Satisfactory X Marginal □ Poor □ Missing □ Replace
	Door condition: Satisfactory Marginal Poor
Rear Door	□ N/A Weatherstripping: □ Satisfactory X Marginal □ Poor □ Missing □ Replace Door condition:
	☐ Satisfactory X Marginal ☐ Poor
Comments	Exterior doors are susceptible to weathering and natural wear and tear. Doors are evaluated for proper
	function and weatherstripping - typical damage to doors, seals and appearance are not commented on. If
	the home is older, we recommend verifying any glass panes within the home have tempered safety glass.

Photos



Door safety has improved, tempered safety glass is now recommended in all doors with glass openings larger than a 3" sphere.



Peeling paint on base of rear sliding door, sliding door should be budgeted for replacement



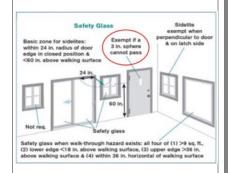
Keyed locks from the interior can pose a risk of entrapment in an emergency. No special tools or knowledge should be needed to exit the home in an emergency. A thumb latch deadbolt is the recommended replacement.



Plexiglass was installed on sidelights adjacent main entrance door



Rear sliding door locking mechanism was missing, a secondary wood piece was in use for locking purposes.



Tempered safety glass informational image

Exterior Air Conditioning Unit

Exterior Air Conditioning Unit cont. Unit #1 Location: North side of house Brand:Carrier Model #:38TZA030320 Serial #: 4901E08001 Approximate Age: 19 years old X Not Operated Due To Exterior Temperature Physical Condition ☐ Satisfactory ☒ Marginal based on age ☐ Poor ☒ Cabinet/housing rusted Recommend Removing Cover - Potential Nesting Situation **Energy source** X Electric Gas Other: ☐ Improperly sized fuses/breakers X Yes No Recommend re-level unit Level Condenser Fins ☐ Damaged ☒ Need cleaning ☐ Damaged base/pad ☐ Damaged Refrigerant Line ☐ Satisfactory ☐ Yes ☐ No ☒ Replace Insulation Improper Clearance (air flow) Yes X No Life Expectancy: Central air conditioning systems have a typical life expectancy of 12-20 years; however, Comments failures have been documented from 10-40 years. If your A/C unit is near 15 years old, expect to replace it at any time.

Photos



Air conditioning unit was not operated due to exterior temperature. Manufacturers do not recommend operating units when exterior temperature is below 60 degrees.

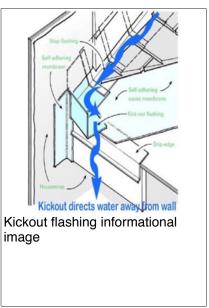


Additional air conditioning unit does not appear to be in use and is older, recommend removing and properly sealing to help reduce energy loss.

ROOT		
Roof Overview Visibility	□ None ☒ All □ Partial Limited By: snow cover □ Snow Covered	
Inspected From Photos	m X Roof X Ladder at eaves ☐ Ground ☐ With Binoculars	
	South roof overview North roof overview	
Roof Informat Type	ion X Gable Hip Mansard Shed Flat Other:	
Pitch Roof #1	Low Medium Steep Flat Type:Architectural/Dimensional/ Asphalt Shingles with an average service life between 20-30 years. Layers:1 layer Age:2-7 years old Location:House and garage •Age of roofs are approximate, we recommend verifying age with seller and/or a qualified roofing contractor to ensure ongoing maintenance is completed. Roof installations commonly have contractor or manufacture warranties and/or extended warranties, recommend consulting with seller for additional information if desired.	
Ventilation Sy Type	stem Soffit Ridge X Gable X Roof Turbine Powered Other:	
Flashing Material Condition	Not Visible	



Roofing methods have improved, a kickout flashing is now recommended to prevent isolated areas of water damage to the sidewall above the guttering system.



Valleys	
Material	□ Not Visible □ Galv/Alum ☒ Asphalt □ Lead □ Copper Other:
Condition	X Not Visible ☐ Satisfactory ☐ Marginal ☐ Poor ☐ Holes ☐ Rusted ☐ Recommend Sealing
0	☐ Recommend Routine Cleaning
Comments	Roof valleys are prone to retaining debris, leaves and branches - this can be problematic. We recommend routinely cleaning these areas to prevent premature shingle wear, potential damage to roof decking and
	subsequent damage/leakage.
	Subsequent damageneakage.
Condition of	Roof Coverings
Roof #1	X Satisfactory Marginal Poor 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
	Not Visible - Snow Covered ☐ Nearing The End Of Its Useful Life ☐ Previous Repairs
Comments	X Sealants On Roof Will Require Maintenance Maintenance: The typical roof lasts from 20 to 30 years, depending on the material, before it needs to be
Comments	replaced. However, it's common for roofs to require regular and routine maintenance due to normal wear of
	sealants and damage, particularly after harsh weather. Roofs should be evaluated every two years by a
	qualified professional.
	<u> </u>
Plumbing Ver	
Condition	X Satisfactory ☐ Marginal ☐ Poor ☐ Recommend Extending Above Potential Snow Height



North plumbing vent had leaves/debris obstructing a path, recommend cleaning as needed

Garage		
Type Type	X Attached ☐ Detached ☐ 1-Car X 2-Car ☐ 3-Car ☐ 4-Car ☐ Carport	
Automatic Op Operation Comments	Dener ☐ Inoperable ☐ Inoperable ☐ Overhead door operation is tested with the installed wall control button, recommended consulting with seller for additional remote openers if desired.	
Safety Revers Operation Comments	Se X Operable Not Operable Need(s) adjusting Safety hazard Photo eyes tested Above 6" From Floor Not Tested Overhead garage door infrared sensors were evaluated, if installed; however, the auto-reverse mechanism is not tested to prevent possible damage to the overhead door system. We recommend monthly testing with a block placed below the overhead door. If the door does not reverse within two seconds after striking the block, the door requires too much force to reverse and is need of a maintenance evaluation.	
Floor Material Condition Source of Ign	X Concrete Gravel Asphalt Dirt Other: Not Visible X Satisfactory Typical cracks Large settling cracks Recommend evaluation/repair ition within 18" of the floor N/A Yes No	
Sill Plates	☐ Recommend Repair X Not Visible ☐ Satisfactory	
Overhead Doo Material Condition Recommend I Comments	X Wood Fiberglass Masonite Metal Recommend repair X Satisfactory Marginal Poor Hardware loose Safety Cable Recommended Weatherstripping missing/damaged Loose/missing Pull Cord Above 6' From Floor Priming/Painting Inside & Edges Yes X No Preventative maintenance: Overhead garage door springs have a life expectancy of approx. 5000 cycles or 3-5 years. We recommend using a garage door lubricant to spray on springs and rollers annually to help prolong their useful life.	
Photos	Overhead garage door spring(s) were in satisfactory condition at time of inspection. Staining on bottom of wood overhead garage door is common, recommend monitoring and repairing if water damage surfaces.	
Garage Service Condition Comments	ce Doors ☐ Recommend Repair ☐ Satisfactory ☐ Satisfactory ☐ Not Fire Rated	



Garage service door to house did not latch properly and requires the keyed lock to latch door, recommend adjusting strike plate and replacing interior keyed lock with a thumb-lock deadbolt.



Daylight was observed around exterior service door, recommend improving weatherstripping and/or threshold as needed to prevent a path for insects/pests and to also help reduce energy loss.

Electrical Receptacles
X Yes No Not Visible Operable: X Yes No
Reverse polarity Yes X No
Open ground Yes X No Safety Hazard
GFCI Present ☐ Yes ☒ No Operable: ☐ Yes ☐ No ☐ Amateur/Unprofessional Wiring Evident
X Recommend GFCI Receptacles
Comments
Fire Separation Walls & Ceiling
Fire Separation N/A - Detached garage Present Missing, holes, gaps, damaged
X Recommend sealing all gaps/holes in fire separation wall
Condition X Satisfactory X Recommend repair X Holes walls/ceiling Safety hazard(s) Not Visible
Water staining on walls and/or ceiling observed ☐ Yes ☒ No
Typical Cracks Yes X No
Windows and General Interior Damaged window, difficult to operate Window and/or walls need repair Satisfactory
Comments
Photos



General garage photo



Recommend sealing all holes in the ceiling to complete the fire separation wall.

Interior

Fireplace
Location(s) Family room
Type ☐ Gas ☐ Wood ☐ Solid fuel burning stove ☐ Electric ☐ Ventless
Material X Masonry Metal (pre-fabricated) Metal insert Cast Iron
Miscellaneous ☐ Blower built-in Operable: ☐ Yes ☐ No Damper operable: ☒ Yes ☐ No
☐ Open joints or cracks in firebrick/panels should be sealed ☐ Fireplace doors need repair
☐ Satisfactory
Damper modified for gas operation ☒ N/A ☐ Yes ☐ No ☐ Damper missing
Hearth extension adequate ☐ Yes ☒ No
Mantel
Physical condition Satisfactory Marginal Poor Recommend having flue cleaned and re-examined
Recommend annual maintenance on natural fireplace Not Evaluated
Comments
Photos



Natural fireplace in Family Room



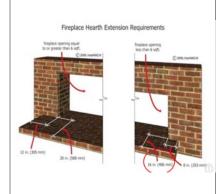
When viewed up from firebox, flue had some creosote buildup, a routine sweep is recommended



Recommend a qualified chimney specialist seal all gaps in firebrick and clean ash/soot as needed.



Natural fireplace safety has improved, a minimum depth hearth extension of 16" is now recommended due to the possibility of a log roll out. Placing a fire retardant rug is a common repair.



Hearth extension informational image

Stairs/Hallways/Balconies/Closets and Interior Systems

Comments



Non-functioning light fixtures were observed during the inspection in one or more areas of the home. It is recommended that all light fixtures be made operational for the final walk-through so that defective lightbulbs can be distinguished from other electrical defects.

Smc	ke/	Carbon	Monoxide	detectors

Smoke Detector

X Present Not Present Operable: Yes No Not tested Recommend additional X Safety Hazard X Recommend Changing Smoke Detector Batteries Every 6 Months

Comments

Recommend additional carbon monoxide (CO) detectors. The Consumer Product Safety Commission recommends that every residence with fuel burning (gas) appliances be equipped with a UL listed CO alarm. At a minimum, install a CO detector within hearing range of each sleeping room and on each level in your home, including the basement. A detector is not tested if it is too high to reach or there is a chance it is on an alarm system.

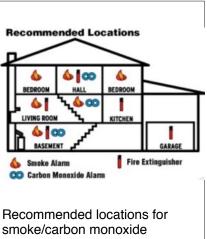
Maintenance: Smoke and carbon monoxide detectors are relatively inexpensive considering the importance of their function. Smoke and carbon monoxide detectors expire every ten years and it is recommended that they be replaced upon taking ownership and tested monthly to ensure proper function.

CO Detector

Present X Not Present Operable: Yes No Not tested X Recommend additional

X Safety Hazard

Photos



detectors and fire extinguishers



Older smoke detectors does not have modern safety features and there were no visible carbon monoxide detectors

Attic/Structure/Framing/Insulation

Access

Stairs Pulldown X Scuttlehole/Hatch No Access Other:

Access limited by:

Interior

Attic/Structure/Framing/Insulation cont.
Access cont. Storage materials, lack of flooring and height
Inspected from X Access panel In the attic Other
Location X Hallway Bedroom Closet Garage Other
Flooring Complete Partial X None
Insulation
Depth: 8-10" Damaged Displaced Missing Compressed
X Recommend additional insulation
Installed in ☐ Rafters/Trusses ☐ Walls ☒ Between ceiling joists ☐ Underside of roof deck ☐ Not Visible
Vapor barriers ☐ Kraft/foil faced ☐ Plastic sheeting ☒ Not Visible ☐ Improperly installed
Ventilation ☐ Ventilation appears adequate ☐ Recommend additional ventilation ☐ Recommend baffles at eaves
Fans exhausted to Attic: X Yes No X Recommend repair Outside: Yes X No Not Visible
HVAC Duct X N/A Satisfactory Damaged Split Disconnected Leaking Repair/Replace
Recommend Insulation
Chimney chase N/A Satisfactory Needs repair Not Visible
Structural problems observed Yes XNo Recommend repair Recommend structural engineer
Roof structure ☐ Rafters X Trusses X Wood ☐ Metal ☐ Collar ties ☐ Purlins ☐ Knee wall ☐ Not Visible Other
Ceiling joists 🗵 Wood 🗌 Metal 🔲 Not Visible
Sheathing X Plywood OSB Planking Rotted Stained Delaminated
Evidence of condensation Yes X No
Evidence of moisture Yes X No
Evidence of leaking Yes X No
Firewall between units X N/A Yes No Needs repair/sealing
Electrical No apparent defects Open junction box(es) Recessed lights not IC rated
☐ Knob and tube covered with insulation X Safety Hazard
Comments Evaluation: Attics are navigated as best as I can; lack of flooring, curb and insulation height, framing and
other factors can prevent physical and visual accessibility of some areas and items.
Photos



General attic photo



Older staining adjacent chimney with no signs of an active leak



Bathroom (2) exhaust fan was improperly vented to attic. We recommend an insulated vent connected to an exterior vent hood or backdraft prevention device. This will help eliminate the conveyance of moisture laden air to the interior/attic spaces and reduce moisture build up and in-turn the potential for mold-like growth and decay. This is in keeping with sound ventilation and indoor air quality practices.



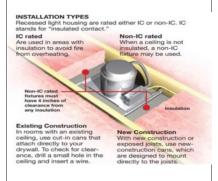
General attic photo
- The attic insulation in most homes does not meet the Department of Energy's recommended level of R-49 for our area. For maximum energy savings and comfort, this should be remedied with the proper amount of required insulation.



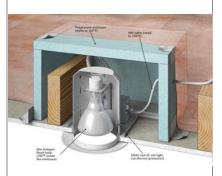
Pest/vermin nesting and droppings were observed in attic.



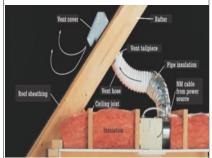
Installed recessed can lights were not rated to be in contact with insulation (IC rated), recommend improving clearances around all recessed light fixtures.



A non-IC rated recessed light fixture is required to have a 4" clearance from combustibles.



There are options to both air seal and insulate around the older style can lights, image is informational



Recommended bathroom exhaust fan venting informational image

Kitchen

Countertops

Condition **Comments Photos**



X Satisfactory Marginal Recommend repair/caulking Loose To Cabinet



General kitchen cabinets and countertop photo

Cabinets

Condition Comments

X Satisfactory ☐ Damaged ☐ Recommend repair/adjustment

Plumbing

Faucet Leaks X Yes No

Pipes leak/corroded ☐ Yes ☒ No

Sink/Faucet X Satisfactory Corroded Chipped Cracked Recommend repair

Functional drainage X Satisfactory Marginal Poor Double Trapped

Functional flow Satisfactory Marginal Poor

Comments Photos



Kitchen sink faucet was leaking and drainage into cabinet base



Older two prong outlet in sink base cabinet with a leak, we recommend a GFCI outlet in this potentially wet/damp area



Water temperature was within the recommended range.

Walls & Ceiling

Condition

Satisfactory Marginal Poor Typical cracks Moisture stains

☐ Window Difficult Or Stiff To Open

Comments



Staining inside adjacent pantry was dry at time of inspection



Crack and discoloration on ceiling above kitchen window was dry at time of inspection

Comments Floor Condition Comments X Yes No	Heating/Cool	
Floor Condition Comments Satisfactory		X Yes
Condition X Satisfactory Marginal Poor Sloping Squeaks Broken tiles Recommend Repair Normal wear and tear to the home's flooring is considered cosmetic in nature in areas of high foot traffic and	Comments	
	Condition	Normal wear and tear to the home's flooring is considered cosmetic in nature in areas of high foot traffic and
Disposal	Disposal Oven Range Dishwasher Trash Compa Exhaust fan Refrigerator Microwave Other Applian Dishwasher a Dishwasher a Receptacles GFCI Open ground	N/A Not tested Operable: Yes No No Not tested Operable: Yes No No Not tested Operable: Yes No No Not tested Operable: Yes No Not tested Operable: Yes No Not tested Operable: Yes No Not Not tested Operable: Yes No Not Not tested Operable: Yes No Not Not Not tested Operable: Yes No No Not Not tested Operable: Yes No No Not Not Not tested Operable: Yes No No Not Not Not tested Operable: Yes No No Not Not Not Not tested Operable: Yes No No Not Not Not Not Not Not Not Not N



Romex electrical supply wire to garbage disposal was not intended for use outside of a finished wall. Armor shielding should - wiring is susceptible to damage.



Older hot water dispenser was not in use and not evaluated. These older units are commonly abandoned due to leakage issues.



GFCI protection has improved and is now recommended for all outlets above countertop surfaces.



In-wall stove was not in use and not evaluated. We recommend removing due to age and lack of modern safety features



Refrigerator was not on at time of inspection and not evaluated



Dishwasher was leaking at corner when operated



Braided stainless steel hose for dishwasher was in use, manufacturers do not recommend these connectors be installed through floors or walls.



Wiring for dishwasher was not installed/protected properly and appears to be an amateur installation.

Living Room

Living Room	
Location	First Floor
Walls & Ceiling	g 🔀 Satisfactory 🗌 Marginal 🦳 Poor 🔲 Typical cracks 🔲 Damage
Moisture stain	s Yes X No
	Where:
Floor	X Satisfactory Marginal Poor Squeaks Slopes Tripping hazard
Ceiling fan	X None ☐ Satisfactory ☐ Marginal ☐ Poor ☐ Recommend repair/replace
Electrical	Switches: X Yes No X Operable Receptacles: X Yes No X Operable
	Open ground/Reverse polarity: ☐ Yes ☒ No ☐ Safety hazard ☐ Cover plates missing
Heating sourc	e present XYes No Holes: Doors Walls Ceilings
Doors	None ☐ Satisfactory ☐ Marginal ☐ Poor ☐ Cracked glass ☐ Broken/Missing hardware
Windows	None ☐ Satisfactory ☒ Marginal ☐ Poor ☒ Cracked glass ☐ Evidence of leaking insulated glass
	☐ Broken/Missing hardware ☐ Difficult Or Stiff To Open
Comments	· · · · · · · · · · · · · · · · · · ·
Photos	





Family Room

Family Room
Location First Floor
Walls & Ceiling ☐ Satisfactory ☐ Marginal ☐ Poor ☐ Typical cracks ☐ Damage
Moisture stains X Yes No
Where:Ceiling adjacent fireplace
Floor Satisfactory Marginal Poor Squeaks Slopes XUV damage
Ceiling fan X None Satisfactory Marginal Poor Recommend repair/replace
Electrical Switches: X Yes No X Operable Receptacles: X Yes No X Operable
Open ground/Reverse polarity: ☐ Yes ☒ No ☐ Safety hazard ☐ Cover plates missing
Heating source present XYes No Holes: Doors Walls Ceilings
Doors None X Satisfactory Marginal Poor Cracked glass Broken/Missing hardware
Windows None Satisfactory Marginal Poor Cracked glass Evidence of leaking insulated glass
☐ Broken/Missing hardware ☐ Difficult Or Stiff To Open
Comments
Photos



Family Room



Ultraviolet sunlight damage was observed on hardwood floors.



Floor register was outside the similar temperature rise range as other registers in house, a damper on this supply ductwork was partially closed/damaged.



Staining on floor adjacent larger North window was dry at time of inspection. Exterior rot was observed around windows and we can not rule out possible continued interior damage until window damage is repaired.



Water staining on window frame.



Wall switch was not verified for function



Older water damage on ceiling adjacent fireplace was moisture meter tested and showed no signs of an active leak.

Master Bedroom

Master Bedroo	o <mark>m</mark>
Location	First floor
Туре	MASTER BEDROOM
Walls & Ceiling	y X Satisfactory ☐ Marginal ☐ Poor ☐ Typical cracks ☐ Damage
Moisture stains	s □ Yes ☒ No
	Where:
Floor	X Satisfactory ☐ Marginal ☐ Poor ☐ Squeaks ☐ Slopes ☐ Tripping hazard
Ceiling fan	
	Switches: XYes No XOperable Receptacles: Yes No XOperable
	Open ground/Reverse polarity: Yes X No Safety hazard Cover plates missing
	e present XYes No Holes: Doors Walls Ceilings
Bedroom Egre	ss restricted ☐ N/A ☐ Yes ☒ No ☐ Window Sill Above 44"
Doors	None X Satisfactory ☐ Marginal ☐ Poor ☐ Cracked glass ☐ Broken/Missing hardware
Windows	None X Satisfactory ☐ Marginal ☐ Poor ☐ Cracked glass ☐ Evidence of leaking insulated glass
	☐ Broken/missing hardware and/or screens ☐ Difficult Or Stiff To Open
Comments	
Photos	



Master Bathroom

Master Bathroom			
Location	Master bath		
Sinks	Faucet leaks: ☐ Yes ☒ No Pipes leak: ☐ Yes ☒ No		
Showers	N/A Faucet leaks: ☐ Yes ☒ No Pipes leak: ☐ Yes ☐ No ☒ Not Visible		
Toilet	Bowl loose: ☐ Yes ☒ No Operable: ☒ Yes ☐ No ☐ Cracked bowl ☐ Toilet leaks		
Shower/Tub area			
	Poor Rotted floors Recommend Caulking/Grouting in Wet Area(s)		
Drainage	X Satisfactory ☐ Marginal ☐ Poor		
Water flow	X Satisfactory		
Moisture stains present Yes X No Walls Ceilings Cabinetry			
Doors	X Satisfactory Marginal Poor		
Window	None X Satisfactory		
Receptacles present X Yes No Operable: X Yes No			
GFCI	X Yes ☐ No Operable: X Yes ☐ No ☐ Recommend GFCI		
	GFCI Reset Located In Other Bathroom		
Open ground/Reverse polarity Yes X No Potential Safety Hazard			
Heat source present X Yes No			
Exhaust fan	☐ Yes ☒ No Operable: ☐ Yes ☐ No ☐ Noisy		
Comments			
Photos			



Master Bathroom



Stopper assembly was not functional with a leak at connection



Shutoff valve was leaking, recommend adjusting/repairing as needed.



Door did not latch properly, recommend adjusting/repairing as needed

Bedroom (2)

Bedroom		
Location	First floor	
Туре	BEDROOM	
Walls & Ceilin	g X Satisfactory ☐ Marginal ☐ Poor ☐ Typical cracks ☐ Damage	
Moisture stair	s ☐ Yes ☒ No	
	Where:	
Floor	X Satisfactory ☐ Marginal ☐ Poor ☐ Squeaks ☐ Slopes ☐ Tripping hazard	
Ceiling fan		
Electrical	Switches: X Yes No X Operable Receptacles: X Yes No X Operable	
	Open ground/Reverse polarity: ☐ Yes ☒ No ☐ Safety hazard ☐ Cover plates missing	
Heating source	e present 🛛 Yes 🗌 No Holes: 🔲 Doors 🔲 Walls 🔲 Ceilings	
Bedroom Egress restricted ☐ N/A ☐ Yes ☒ No ☐ Window Sill Above 44"		
Doors	☐ None X Satisfactory ☐ Marginal ☐ Poor ☐ Cracked glass ☐ Broken/Missing hardware	
Windows	☐ None X Satisfactory ☐ Marginal ☐ Poor ☐ Cracked glass ☐ Evidence of leaking insulated glass	
	☐ Broken/Missing hardware ☐ Difficult Or Stiff To Open	
Comments		
Photos		



Bedroom (3)

Bedroom		
Location	First floor	
Туре	BEDROOM	
Walls & Ceiling	y X Satisfactory ☐ Marginal ☐ Poor ☐ Typical cracks ☐ Damage	
Moisture stains	s ☐ Yes ☒ No	
	Where:	
Floor	X Satisfactory ☐ Marginal ☐ Poor ☐ Squeaks ☐ Slopes ☐ Tripping hazard	
	Switches: XYes No XOperable Receptacles: XYes No XOperable	
	Open ground/Reverse polarity: ☐ Yes ☒ No ☐ Safety hazard ☐ Cover plates missing	
Heating source	e present 🛛 Yes 🗌 No Holes: 🔲 Doors 🔲 Walls 🔲 Ceilings	
Bedroom Egress restricted ☐ N/A ☐ Yes ☒ No ☐ Window Sill Above 44"		
Doors	None X Satisfactory ☐ Marginal ☐ Poor ☐ Cracked glass ☐ Broken/Missing hardware	
Windows	None X Satisfactory ☐ Marginal ☐ Poor ☐ Cracked glass ☐ Evidence of leaking insulated glass	
	☐ Broken/Missing hardware ☐ Difficult Or Stiff To Open	
Comments		
Photos		



Bathroom (2)

Bathroom 2		
Location	First floor bath	
Sinks	Faucet leaks: Yes X No Pipes leak: Yes X No	
Tubs	□ N/A Faucet leaks: □ Yes ☒ No Pipes leak: □ Yes □ No ☒ Not Visible	
Showers	N/A Faucet leaks: ☐ Yes ☒ No Pipes leak: ☐ Yes ☐ No ☒ Not Visible	
Toilet	Bowl loose: Yes X No Operable: X Yes No Cracked bowl X Toilet leaks	
	rea ☒ Ceramic/Plastic ☐ Fiberglass ☐ Masonite Other: Condition: ☐ Satisfactory ☒ Marginal	
Silowei/ Lub a	Poor X Rotted floors X Recommend Caulking/Grouting in Wet Area(s)	
Drainaga		
Drainage	X Satisfactory	
Water flow	X Satisfactory	
Moisture stains present Yes No Walls Ceilings Cabinetry		
Doors	X Satisfactory Marginal Poor	
Window		
Receptacles present X Yes No Operable: X Yes No		
GFCI	Yes X No Operable: Yes No X Recommend GFCI	
	GFCI Reset Located In Other Bathroom	
Open ground/	Reverse polarity Yes X No Potential Safety Hazard	
Heat source present ∑ Yes ☐ No		
Exhaust fan		
Comments	Preventative Maintenance: Recommend operating exhaust fan during a shower and for at least 20 minutes	
	after a shower to ensure proper humidity levels are maintained.	
Photos	and a shorter to should propor humany lovolo are maintained.	
FIIOLOS		



Bathroom (2)
- Bathroom outlet was not GFCI protected



Corrosion on drainage pipe is most commonly due to harsh chemicals stored in cabinet.



Water damage was evident adjacent bathtub area, recommend repairing as needed.



Door did not lock properly



Light fixtures above shower areas in both bathrooms were not rated to be installed in a wet location.



Floor around toilet was moisture meter tested and showed signs of an active leak



Toilet was recycling water and in need of a flapper adjustment or replacement.

Laundry Room

Laundry
Laundry sink
Faucet leaks Yes X No N/A
Pipes leak ☐ Yes ☒ No ☐ Not Visible
Cross connections ☐ Yes ☒ No ☐ Potential Safety Hazard
Heat source present ☐ Yes ☐ No
Room vented Yes No
Dryer vented ☐ N/A ☒ Wall ☐ Ceiling ☐ Floor ☐ Not vented ☐ Flexible foil or Plastic dryer vent not recommended
☐ Not vented to exterior ☐ Recommend repair ☐ Safety hazard ☒ Not Visible
Electrical Open ground/reverse polarity: ☐ Yes ☒ No ☐ Safety hazard
GFCI present ☐ Yes ☒ No Operable: ☐ Yes ☐ No ☒ Recommend GFCI Receptacles
Appliances X Washer X Dryer Water heater Furnace/Boiler None
Washer hook-up lines/valves X Satisfactory Leaking Corroded Not Visible Recommend Replacing
Gas shut-off valve ☐ N/A ☒ Yes ☐ No ☐ Cap Needed ☐ Safety hazard ☐ Not Visible
Comments Maintenance: Operating household appliances is outside the scope of a standard home inspection;
however we recommend routinely cleaning dryer lint trap and dryer exhaust vent to prevent blockage and
the related hazards.
Photos



Laundry Room



-Galvanized piping was installed for gas piping and is no longer recommended, black iron is now an industry standard material. Piping was also loose to wall, recommend proper attachment. -Recommend replacing older flexible gas connector with a stainless steel connector.



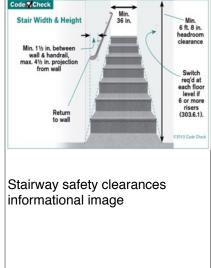
Dryer vent was not connected, recommend proper attachment.



Recommend sealing all open holes to exterior. Pest droppings were observed in the basement area.

	Basement
Stairs	
Condition	☐ Satisfactory X Marginal ☐ Poor X Typical wear and tear ☐ Need repair X Risers Uneven
Handrail	
Headway over	stairs X Satisfactory Low clearance Safety hazard
Comments	
Photos	
	Code CCheck Stair Width & Height Min. 1½ in. between wall & handrail, max. 4½ in. projection from wall Switch req'd at each floor level if 6 or more risers

Basement stairway did not have safety guardrails, had open risers and there was no visible light switch on basement level, recommend a qualified person or contractor repair as needed.



contractor repair as needed.	
Foundation	
Condition X Satisfactory ☐ Marginal ☐ Have evaluated ☐ Seal cracks and monitor ☐ Not Evaluate	d
Material ☐ ICF ☐ Brick ☐ Concrete block ☐ Stone Masonry ☒ Poured concrete ☐ Not visible	
Horizontal cracks ☐ None apparent ☐ North ☐ South ☐ East ☐ West	
Step cracks X None apparent North South East West	
Vertical cracks ☒ None apparent ☐ North ☐ South ☐ East ☐ West	
Covered walls ☐ Drywall, paneling, paint or storage material ☐ North ☐ South ☐ East ☐ West ☒ N/A -	Vacant
Movement apparent X None apparent or N/A North South East West	
Indication of moisture ☐ Yes ☐ No ☐ Fresh ☐ Old stains ☐ Efflorescence	
Comments Informational Conditions: Moisture intrusion is always a concern with which you should be awar	
involves a host of interrelated factors and can be unpredictable, intermittent or constant. When	
intrusion is not self evident, it can be inferred by musty odors, peeling paint or plaster, effloresce	,
crystal formations), rust on metal components and wood rot. However, humidity and condensati	
produce similar conditions. Basements are below grade and no homeowner can rule out the po	
moisture intrusion and/or plumbing related leaks. Moisture intrusion can not always be detected	
inspection as it can be hidden by walls or under floors. •Limited visual access of the foundation walls and/or ceilings due to interior coverings, paint, sto	rogo or
personal belongings. A complete visual assessment of the foundation could not be done. We mean that were visually inaccessible at the time of inacest	
representation as to the condition of areas that were visually inaccessible at the time of inspecti	on.



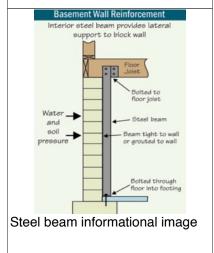
Several foundation cracks have been recently sealed with an epoxy injection.

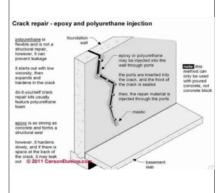


Some walls in basement have been reinforced/stabilized with steel beams. This is a common repair for excess moisture expansion in adjacent soil due to frost cycles. Recommend consulting with seller for additional information and/or possible warranty.



Older water staining below basement windows was evident. These metal windows will have diminishing performance, risk of ongoing deterioration and eventual air and water leakage. Windows should be budgeted for replacement.





Epoxy injection informational image

Floor

Material Condition Comments X Concrete ☐ Dirt/Gravel ☐ Not Visible Other: ☐ Finish Material - Not Visible

X Satisfactory Marginal Poor Typical cracks Not Visible

Unfinished or exposed portions of the floor appeared to be in overall adequate condition.



Older watermarks were evident in the North basement area indicating water has entered this area in the past. The basement was dry at the time of the inspection, be sure all exterior grades pitch away from house and extend downspouts as far away as practical.

Drainage	
Sump pump	
	Recommend Installing Check Valve
Floor drains	X Yes Not Visible X Drains not tested or evaluated. Palmer Valve Stuck
Comments	Preventative Maintenance: The average life expectancy of a sump pump is 2-10 years and may need
	replacing at any time - prior to pump failure. The installation of a battery backup power source is strongly
	recommended in order to reduce the risk of water damage or flooding during a power disruption or outage.
Photos	



Sump pump discharge pipe reduces in diameter, is below grade and exterior termination point was not visible, recommend occasionally monitoring for proper water runoff.

	water runoff.
Girders/Beams	
	X Satisfactory ☐ Marginal ☐ Poor ☐ Stained/Rusted ☐ Not Visible X Steel ☐ Wood ☐ Concrete ☐ LVL ☐ Masonry ☐ Not Visible
Columns Condition	X Satisfactory Marginal Poor Stained/Rusted Not Visible

Basement

Columns cont Material Comments	
Joists	
Condition	Satisfactory X Marginal Poor Recommend Insulating At Rim Joist Cavity X Improper Notching X Missing fasteners
Material	Wood ☐ Steel ☐ Truss ☐ Not Visible ☐ 2x8
Comments Photos	



Joist was improperly cut without reinforcement or bracing with no signs of failure, "sistering" is a common repair.



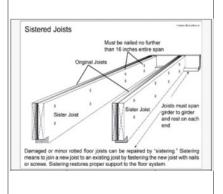
Joists do not have their rated load capacity until all holes in joist hanger are nailed.



Numerous joist hangers were missing most or all of the required nails, recommend installing. Picture is joist adjacent fireplace.



All joists along basement stairway were missing required nails.



Sistered joist informational image

	bfl		
 	100	Pa1	

Comments

☐ Not Visible
Condition ☐ Satisfactory

Satisfactory Marginal Poor Indication of moisture stains/rotting

*If the basement ceiling was partially finished, a complete visual inspection of the first floor components was limited.



Chronic water staining was observed below both bathrooms. Toilet was leaking at time of inspection however, we can not guarantee an additional leak is hidden below an adjacent fixture.



Water staining below North Family Room Windows. Wood rot was observed on exterior of this location.



A draft with previous screen was evident below kitchen area. The deck limited a visual inspection of this exterior area. Pest dropping were in this basement area and leaves/foliage, recommend sealing.

Plumbing

Water service	
	location In the basement
Water entry p	
riator orany p	PEX Plastic Polyethylene Lead, recommend further evaluation
Lead other tha	an solder joints Yes X No Unknown Service entry
	distribution piping X Copper Galvanized PVC Plastic CPVC Plastic Polybutylene Plastic
	PEX Plastic Other:
Condition	X Satisfactory ☐ Marginal ☐ Poor
Flow	X Satisfactory ☐ Marginal ☐ Poor ☐ Water pressure over 80 psi ☐ Recommend plumber evaluate
	Recommend pressure regulator
Pipes Supply/	'Drain ☐ Corroded ☐ Leaking ☐ Valves broken/missing ☐ Dissimilar metal Cross connection: ☐ Yes
	/ent pipe ☐ Copper ☒ Cast iron ☐ Galvanized ☒ PVC ☐ ABS ☐ Brass
Condition	Satisfactory Marginal Poor Leaking - Health Hazard
Support/Insul	ation Type:Metal and/or Plastic strapping • insulation on water supply piping limited a complete visual inspection
	P-Type X Yes No P-traps recommended
Drainage	X Satisfactory
	torage system XN/A Yes No Leaking: Yes No
Fuel line	□ N/A □ Copper □ Brass ☒ Black iron □ Stainless steel □ CSST □ Not Visible ☐ Copper □ Brass ☒ Black iron □ Stainless steel □ CSST □ Not Visible
Condition	☐ Galvanized, recommend upgrading ☐ Recommend CSST be properly bonded ☐ N/A ☐ Satisfactory ☐ Marginal ☐ Poor ☐ Recommend plumber evaluate
Condition	Satisfactory Marginal Foor Trecommend plumber evaluate Recommend Bonding CSST Gas Connectors
Comments	Informational Conditions: Underground plumbing systems, including waste and drain pipes are not within
Oomments	the scope of a standard home inspection. Blockages and/or failure can occur in the life of any system. We
	attempt to evaluate drain pipes by flushing every drain that has an active fixture while observing its draw and
	watching for blockages and/or slow drains. However, this is not always a conclusive test, we recommend
	consulting with seller for any drainage problems and/or a qualified specialist perform a video scan to confirm
	its actual condition.
	•When the home has been vacant for an extended amount of time there is an increased risk for deterioration of some
	plumbing components. While every effort is made to identify these conditions during the inspection, they may not be
	evident and may possibly fail after just a few days.
	•The interior gas piping was not bonded at visible portions. Any metal pipe has the potential to carry electrical current,
	bonding by a qualified electrician is recommended to reduce related safety hazards.
	,



Main water shutoff valve



Drainage pipe below bathrooms has signs of chronic and active leaks



A black coating was observed on a majority of the copper water supply piping. This is common for homes with well water or homes with previous well water supplied and high levels of iron within the water. The black coating indicates elevated levels of sulfur. The homes water supply is currently connected to the city's water supply.



Drain for dishwasher is below kitchen in laundry room. Dishwasher drains are commonly connected to the kitchen sinks drainage pipe. This configuration potentially allows sewer gases into the dishwasher. A minimum 3" length horizontal pipe is recommended to prevent water siphoning through trap.

Main fuel (gas) shut-off location

Location

Gas meter is located on the rear exterior wall. Consider placing a crescent wrench near the gas meter to turn the gas off quickly in an emergency.

Water heater

Plumbing

Water heater	cont.
General	Brand Name:Reliance
	Serial #: 1330A001460
	Capacity:40 gallons
	Approx. age: 7 years old
Туре	ÏGas ☐ Electric ☐ Oil ☐ LP ☐ Tankless
Combustion a	air venting present X Yes No No N/A
	Combustible Materials Located Too Close To Gas Fired Appliance
Relief valve	
Vent pipe	N/A X Satisfactory ☐ Pitch proper ☐ Improper ☐ Rusted ☐ Recommend repair
Condition	☐ Satisfactory X Marginal based on age ☐ Poor ☐ Recommend Repair
	☐ Not Visible/Blanket Installed ☐ Maintenance is Recommended Every 6 Months
Comments	Life Expectancy: The average design life expectancy of a water heater is about 10 years, though some
	have only lasted 5, others have lasted over 40 years. When your water heater is more than 7 years old,
	expect to replace it at any time. It is good maintenance practice to drain 5-10 gallons from the faucet at the
	base of the water heater every six months to remove sediment, which may help prolong the tanks useful life.



Consider upgrading the difficult to operate, older brass gas shutoff valve for water heater with an industry standard ball valve.

Heating and Interior Cooling Systems

Heating system
Brand name:Carrier
Approx. age:19 years old
☐ Unknown Model #: 58MVP080F114 Serial #: 3801A13948 ☐ Satisfactory ☒ Marginal based on age
Poor X Recommended HVAC technician examine
Energy source X Gas LP Oil Electric Solid fuel
Warm air system ☐ Belt drive ☒ Direct drive ☐ Gravity ☒ Central system ☐ Floor/wall furnace
Heat exchanger □ N/A ☒ Sealed ☒ Not Visible □ Visual w/mirror □ Flame distortion □ Rusted
Carbon/soot buildup
Carbon monoxide N/A Detected at plenum Detected at register Not tested
Tester - Tif 8800:Gas piping around gas fired appliances were checked with a Tif 8800 and no leaks
were apparent.
X No Leaks Apparent
Combustion air venting present N/A X Yes No
Combustible Materials Located Too Close To Gas Fired Appliance
Controls Disconnect: X Yes No X Normal operating and safety controls observed Gas shut off valve: X Yes
□ No
Distribution
Safety Hazard No Cold Air Returns On Second Floor
Flue piping N/A Satisfactory Rusted X Improper slope Safety hazard X Recommend repair/replace
Filter ☐ Standard ☐ Electrostatic ☐ Satisfactory ☐ Needs cleaning/replacement ☐ Missing
☐ Electronic (not tested)
When turned on by thermostat ☐ Fired ☐ Did not fire Proper operation: ☐ Yes ☐ No ☐ Not tested
Comments Life Expectancy: Gas fired warm air furnaces have an average service life expectancy between 15-20
years - though failures have been documented from 10 to 50 years. If your furnace is near 15 years old,
expect to replace it at any time. It is good practice to have annual maintenance on HVAC equipment to
avoid unexpected repairs. Several components within the furnace have a much shorter service life than the
furnace as a whole.



Consider upgrading thermostat to a newer programable style to help reduce energy loss.



Furnace with cover removed. Furnace operated as intended at time of inspection.



Evaluating the function or efficiency of humidifiers is outside the scope of a standard home inspection. These units require annual maintenance and older units are prone to leaking, recommend servicing as desired to prevent possible damage to the furnace's heat exchanger and/or ductwork.



Water gurgling was heard at exhaust pipe indicating condensation is trapped within pipe and a leak was observed at exterior elbow, a routine maintenance evaluation is recommended.



When tested at a register, temperature rise was within the recommended range and two gas detectors displayed a zero reading.



Recommend replacing 20x25x4 furnace filter



Furnace exhaust pipe has evidence of a leak. Condensation appears to be trapped indicating an improper slope, recommend further evaluation

Interior Evaporator Coil for Air Conditioning Unit
General X Central system Wall unit
Location:Above furnace inside plenum (ductwork)
Age:19 years old
Evaporator coil Satisfactory X Not Visible Needs cleaning Damaged
Refrigerant lines ☐ Leak/Oil present ☐ Damage ☐ Insulation missing ☐ Satisfactory
Condensate line/drain ☐ To pump ☒ Floor drain ☒ Recommend Clean/Maintain Hoses
Operation Differential: ☐ Satisfactory Between 15-20° ☒ Not Evaluated
Condition ☐ Satisfactory ☒ Marginal based on age ☐ Poor ☒ Not operated due to exterior temperature

Electrical System(s)

Main panel
Location Basement
Physical Condition Satisfactory X Recommend Repair
Adequate Clearance to Panel ☐ Yes ☐ No ☐ Not Evaluated ☐ Recommend Improving
Amperage/Voltage ☐ Unknown ☐ 60a ☒ 100a ☐ 150a ☐ 200a ☐ 400a ☒ 120v/240v
Breakers/Fuses X Breakers Fuses
Appears grounded X Yes No Not Visible
GFCI breaker ☐ Yes ☒ No Operable: ☐ Yes ☐ No ☐ Not Tested
AFCI breaker ☐ Yes ☒ No Operable: ☐ Yes ☐ No ☐ Not Tested
Main wire ☐ Copper ☒ Aluminum ☐ Not Visible Condition: ☒ Satisfactory ☐ Marginal ☐ Poor
Branch wire condition ☐ Satisfactory ☐ Poor ☒ Recommend electrician evaluate/repair ☒ Romex ☐ BX cable
☒ Conduit ☐ Knob/Tube ☒ Double tapping ☐ Wires undersized/oversized breaker/fuse
☒ Dissimilar Circuit Breakers ☒ Recommend Separating Ground And Neutral Wires
Branch wire ☐ Copper ☐ Aluminum ☐ Solid Branch Aluminum Wiring ☐ Not Visible ☐ Safety Hazard
Comments Informational conditions: If electrical repairs have been noted in the report, a licensed electrician may find
additional repairs/safety concerns not within the scope of the inspection.

Photos



Electrical panel was not properly labeled, recommend a qualified person or contractor label every circuit as needed so power can be turned off in a possible emergency.

- Typical design life of circuit breakers is between 30-35 years. The installed electrical panel/system is older than 35 years old and we recommend consulting with a licensed electrician for evaluation to determine the need for a system upgrade.



Electrical panel manufacturers recommend their brand specific (ITE) circuit breakers be installed within the panel to ensure the breakers are seated properly, reducing the risk for arcing and related hazards. Some installed circuit breakers were a dissimilar (Bryant and Challenger) than the electrical panel was designed for, further evaluation by a licensed electrician is recommended.



Electrical panel with cover removed

- There are no spare circuit breakers available in the electrical panel. Good electrical practices recommend a larger panel or subpanel of sufficient capacity be considered to provide future expansion and unforeseen electrical demands.



Electrical safety has improved, multiple neutral (white) wires are no longer recommended to be installed under the same screw and ground (bare) wires are no longer recommended to be installed under the same screw as neutral wires



Several (4) circuit breakers were double tapped. A double tapped breaker is when two or more wires are installed in a single circuit or under a single lug that was designed for one wire - not making proper contact and potentially overloading the circuit.



Double tapped circuit breaker