



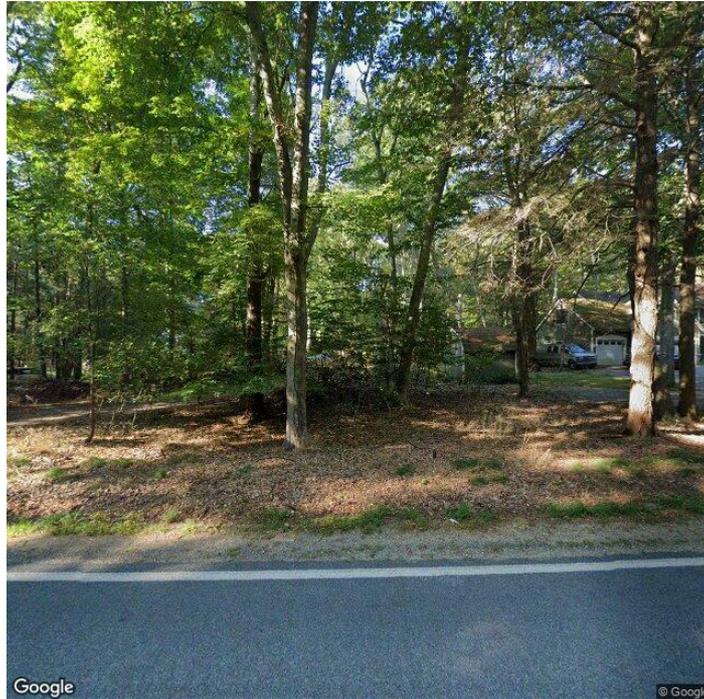
LAKESHORE  
HOME  
INSPECTION

LAKESHORE HOME INSPECTION

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<http://www.lakeshorehomeinspection.biz>



## RESIDENTIAL REPORT

1234 Main Street  
Fruitport, MI 49415

Buyer Name  
12/29/2023 9:00AM



Inspector  
**Mitch Boucher**  
PE, PMP, Leedap  
616.843.4663  
[mitchb@lakeshoreinternet.com](mailto:mitchb@lakeshoreinternet.com)



Agent  
**Agent Name**  
555-555-5555  
[agent@spectora.com](mailto:agent@spectora.com)

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## SUMMARY

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MAINTENANCE REQUIRED



RECOMMENDATION



SAFETY HAZARD

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- ⊖ 2.1.1 Exterior - General: There are Signs of rodent or chipmunk activity
- ⚠ 2.2.1 Exterior - Siding, Flashing & Trim: Paint Needed
- 🔧 2.2.2 Exterior - Siding, Flashing & Trim: Caulking deteriorated and requires maintenance
- ⊖ 2.3.1 Exterior - Exterior Doors: Door Does Not Close or Latch
- ⊖ 2.3.2 Exterior - Exterior Doors: Paint/Refinish Needed
- 🔧 2.4.1 Exterior - Decks, Balconies, Porches & Steps: Deck - Rotted Boards
- 🔧 2.6.1 Exterior - Vegetation, Grading, Drainage & Retaining Walls: Negative Grading
- ⊖ 2.6.2 Exterior - Vegetation, Grading, Drainage & Retaining Walls: Tree Overhang
- ⊖ 2.7.1 Exterior - Walkways, Patios & Driveways: Driveway Cracking - Minor
- ⊖ 3.2.1 Roof - Roof Drainage Systems: Gutters clogged with leaves, debris
- 🔧 3.4.1 Roof - Skylights, Chimneys & Other Roof Penetrations: Chimney flashing needs caulking-maintenance
- 🔧 3.4.2 Roof - Skylights, Chimneys & Other Roof Penetrations: Metal Chimney Rust
- ⊖ 4.3.1 Basement, Foundation, Crawlspace & Structure - Floor Structure: Mold
- ⊖ 5.1.1 Attic, Insulation & Ventilation - Attic Insulation: Signs of pest / rodent activity
- ⊖ 8.3.1 Plumbing - Water Supply, Distribution Systems & Fixtures: Distribution Pipe Leaking
- ⚠ 9.2.1 Electrical - Main & Subpanels, Service & Grounding, Main Overcurrent Device: Breaker Incorrectly Wired
- ⚠ 9.3.1 Electrical - Branch Wiring Circuits, Breakers & Fuses: Improper Wiring
- ⊖ 9.5.1 Electrical - GFCI & AFCI: No GFCI Protection Installed

# 1: INSPECTION DETAILS

## Information

### Present

None

### Occupied

Vacant

### Style

Multi-level

### Temperature

35 Farenheit

### Type of Building

Single Family

### Mold Test Results

Tested (results in 3-5 days)

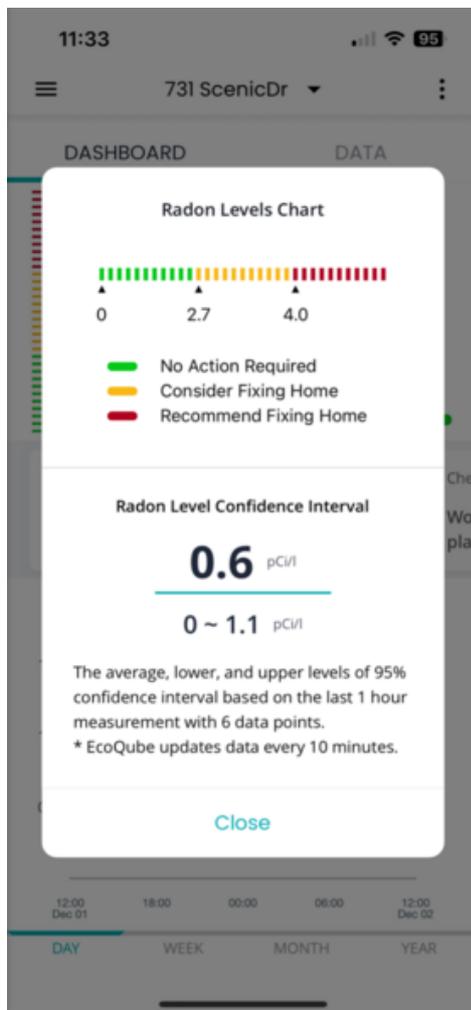
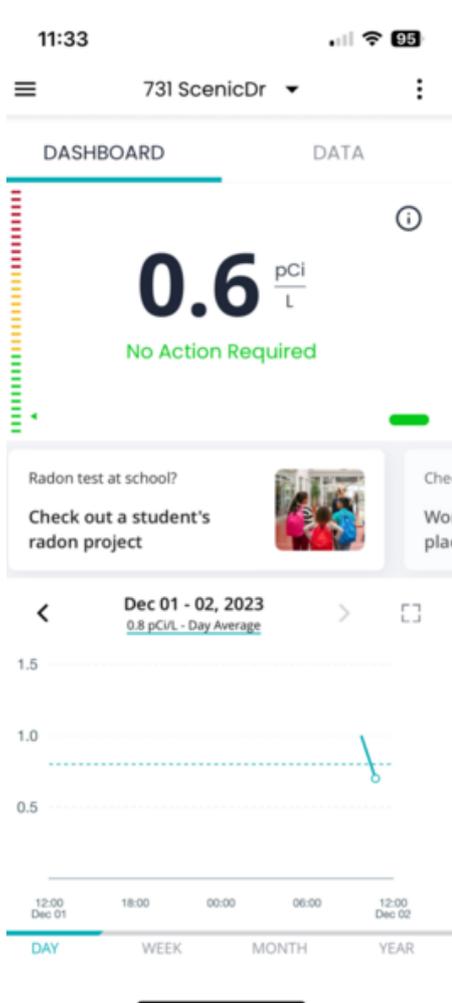
### Weather Conditions

Snow, Cloudy

### Radon Test

Tested (95% confidence in 2 hrs)

Results of testing will be attached here.



### Lead Test Results

Sample1, Sample2, Sample3, Sample4, All Results Negative

A lead paint test was swabbed in each of the locations and the test results are noted if positive.

Upstairs bedroom

Master bedroom  
Family room ceiling  
Basement wall



None Positive

### **Mold**

Observed signs of mold in one or more areas in the wall structure. The primary cause of mold is moisture, and moisture intrusion.

## 2: EXTERIOR

		IN	NI	NP	D
2.1	General	X			X
2.2	Siding, Flashing & Trim	X			X
2.3	Exterior Doors	X			X
2.4	Decks, Balconies, Porches & Steps	X			X
2.5	Eaves, Soffits & Fascia	X			
2.6	Vegetation, Grading, Drainage & Retaining Walls	X			X
2.7	Walkways, Patios & Driveways	X			X

IN = Inspected    NI = Not Inspected    NP = Not Present    D = Deficiencies

### Information

**General: Inspection Method**  
Visual, Basement

**Decks, Balconies, Porches & Steps: Appurtenance**  
Deck with Steps, Accessible ramp

**Decks, Balconies, Porches & Steps: Material**  
Wood, Concrete



**Walkways, Patios & Driveways:**  
**Driveway Material**  
Concrete, Asphalt

### Photos



**Siding, Flashing & Trim: Siding Material**  
Vinyl, Brick Veneer



Good



Good

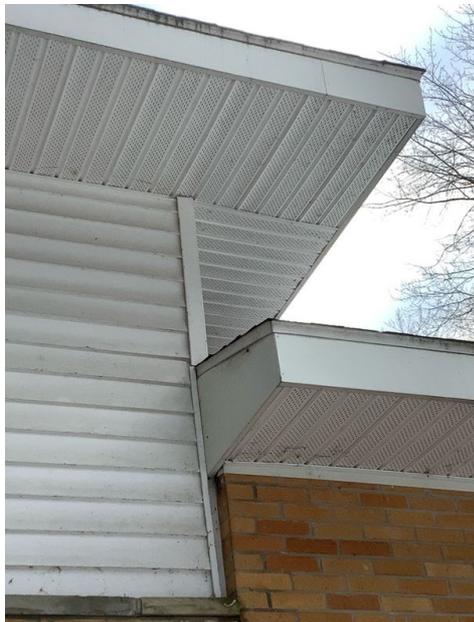


Good

**Exterior Doors: Exterior Entry Door**  
Steel, Wood



**Eaves, Soffits & Fascia: Eaves and Soffit Material**  
Aluminum



## Deficiencies

### 2.1.1 General

 Recommendation

#### **THERE ARE SIGNS OF RODENT OR CHIPMUNK ACTIVITY**

Exterior signs of rodent or chipmunk activity, characterized by chewed wood, and other tunnels. These pests can compromise the cleanliness of the space, and lead to these critters accessing the house..

There were not any signs of activity, droppings food inside the house. I did not see signs of larger critters or critter activity inside the house.

#### Recommendation

Contact a qualified professional.



2.2.1 Siding, Flashing & Trim

 Safety Hazard

**PAINT NEEDED**

Areas on steel window lintels were in need of maintenance. These steel lintels will need to be kept well painted over a long period of time, 10, 20, 40 years they would rust out. Recommend a qualified painter or siding specialist correct.

Window by the Garage has had the Lintel fail, and the brick is cracking -- this needs to be address before additional brick damage is sustained. Recommend reviewing with a brick-masonry qualified professional.



Lintel failed

2.2.2 Siding, Flashing & Trim

 Maintenance Required

**CAULKING DETERIORATED AND REQUIRES MAINTENANCE**

Requires maintenance to remain water proof

Recommendation

Contact a qualified professional.



Cable not caulked

## 2.3.1 Exterior Doors

**DOOR DOES NOT CLOSE OR LATCH**

Door does not close or latch properly. Recommend qualified handyman adjust strike plate and/or lock.

[Here is a DIY troubleshooting article](#) on fixing door issues.



## 2.3.2 Exterior Doors

**PAINT/REFINISH NEEDED**

Door finish is worn. Recommend refinish and/or paint to maximize service life.

[Here is a DIY article](#) on refinishing a wood door.



2.4.1 Decks, Balconies, Porches & Steps

 Maintenance Required

**DECK - ROTTED BOARDS**

One or more deck boards are showing signs of rot. Recommend a qualified deck contractor replace.



2.6.1 Vegetation, Grading, Drainage & Retaining Walls

 Maintenance Required

**NEGATIVE GRADING**

Grading is sloping generally, away from the home, but in places where there are basement windows, the slopes towards the home in some areas. This could lead to water intrusion and foundation issues. Recommend qualified landscaper or foundation contractor regrade so water flows away from home.

[Here is a helpful article](#) discussing negative grading.

Recommendation

Recommend monitoring.



contrast this one is OK

2.6.2 Vegetation, Grading, Drainage & Retaining Walls

 Recommendation

**TREE OVERHANG**

Trees observed overhanging the roof. This can cause damage to the roof and prevent proper drainage. Recommend a qualified tree service trim to allow for proper drainage.



2.7.1 Walkways, Patios & Driveways

**DRIVEWAY CRACKING - MINOR**

Minor cosmetic cracks observed, which may indicate movement in the soil. Recommend monitor and/or have driveway contractor patch/seal.

Recommendation

Contact a qualified Monitor Condition



minor cracking, monitor for changes

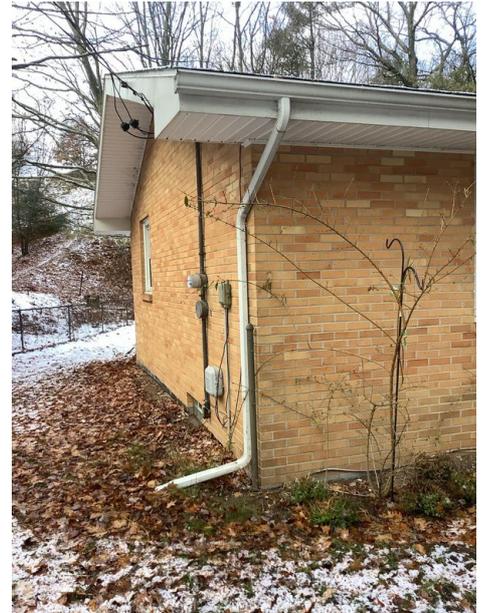
# 3: ROOF

## Information

**Inspection Method**  
Ladder, Roof

**Roof Type/Style**  
Gable

**Roof Drainage Systems: Gutter Material**  
Aluminum



## Photos





Good



Good,



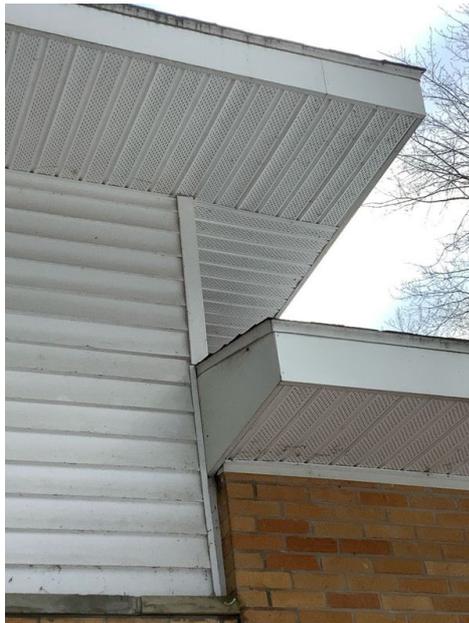
**Coverings: Material**  
Asphalt



Shingles appear in good condition,  
good remaining life

**Flashings: Material**

Aluminum



**Deficiencies**

3.2.1 Roof Drainage Systems

 Recommendation

**GUTTERS CLOGGED WITH LEAVES, DEBRIS**

Gutters need to be kept clean of leaves and other debris to properly drain water off the roof. Only the front roofline has a gutter.

Recommendation

Contact a qualified professional.



## 3.4.1 Skylights, Chimneys &amp; Other Roof Penetrations

**CHIMNEY FLASHING NEEDS CAULKING-MAINTENANCE**

Re-caulk flashing and trim to retain water resistance. There were no signs of leakage in the basement chimney flue.

Chimney cap and cover needs replacement. Recommend referral to a qualified brick mason, chimney contractor.

Recommendation

Contact a qualified professional.



## 3.4.2 Skylights, Chimneys &amp; Other Roof Penetrations

**METAL CHIMNEY RUST**

The metal chimney shows evidence of rust and/or rusting. Recommend replacing the chimney cap, flue cover at some point.



# 4: BASEMENT, FOUNDATION, CRAWLSPACE & STRUCTURE

## Information

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**Inspection Method**

Visual

**Foundation: Material**

Masonry Block

**Basements & Crawlspace: Radon Gas Testing Results**

Tested



**Floor Structure:**

**Basement/Crawlspace Floor**

Concrete

**Floor Structure: Material**

Wood Beams

**Floor Structure: Sub-floor**

Plywood

**Roof Structure & Attic: Material**

Wood

**Roof Structure & Attic: Type**

Gable

**Photos**



## Deficiencies

4.3.1 Floor Structure



**MOLD**

Observed signs of mold in one or more areas in the flooring structure. Recommend identifying source or moisture intrusion. Samples were sent to a lab for testing.

Walls and floor were tested for moisture content with a moisture meter and did not show signs of current water intrusion at the time of inspection.

The Display on the meter registers green, yellow or red. most readings were green, with only the basement floor indicating yellow. No significant water intrusion.





# 5: ATTIC, INSULATION & VENTILATION

## Information

**Dryer Power Source**

220 Electric

**Dryer Vent**

Metal (Flex)

**Flooring Insulation**

None

**Attic Insulation: R-value**

30

**Ventilation: Ventilation Type**

Passive, Soffit Vents

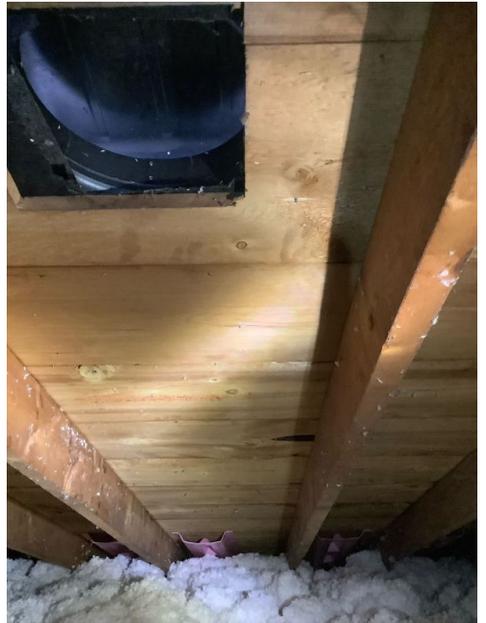
**Exhaust Systems: Exhaust Fans**

Fan with Light



**Photos**





**Attic Insulation: Insulation Type**  
Fiberglass, Loose-fill



## Deficiencies

### 5.1.1 Attic Insulation

#### **SIGNS OF PEST / RODENT ACTIVITY**

Signs of pest or rodent activity, food, trails, droppings,

Recommendation

Contact a qualified professional.

 Recommendation



# 6: HEATING

## Information

**Equipment: Brand**  
Heil

**Equipment: Energy Source**  
Gas

**Equipment: Heat Type**  
Gas-Fired Heat



2017 install

**Normal Operating Controls:**  
Thermostat photos



### AFUE Rating

97.5

AFUE (Annual fuel utilization efficiency) is a metric used to measure furnace efficiency in converting fuel to energy. A higher AFUE rating means greater energy efficiency. 90% or higher meets the Department of Energy's Energy Star program standard.

**Distribution Systems: Ductwork**  
Non-insulated





No CO or gas present

# 7: COOLING

# 8: PLUMBING

## Information

**Filters**

None

**Water Source**

Well



**Main Water Shut-off Device:**

**Location**

Basement



Main shut off

**Drain, Waste, & Vent Systems:**

**Drain Size**

2"

**Drain, Waste, & Vent Systems:**

**Material**

Lead, PVC

**Water Supply, Distribution**

**Systems & Fixtures: Distribution**

**Material**

Galvanized, Pex

**Water Supply, Distribution**

**Systems & Fixtures: Water Supply**

**Material**

Galvanized, Pex

**Water Supply, Distribution**

**Systems & Fixtures: Fixtures and**

**Faucets Temperature and**

**Pressure**

low pressure

**Water Supply, Distribution**

**Systems & Fixtures: Water**

**Supply, Distribution Systems &**

**Fixtures**

Satisfactory

**Hot Water Systems, Controls,**

**Flues & Vents: Capacity**

50 gallons

**Hot Water Systems, Controls,**

**Flues & Vents: Location**

Basement

**Hot Water Systems, Controls,**

**Flues & Vents: Power**

**Source/Type**

Gas

**Fuel Storage & Distribution**

**Systems: Main Gas Shut-off**

**Location**

Gas Meter



Main shut off

**Water Supply, Distribution Systems & Fixtures: Fixtures and faucets, water temp and pressure**

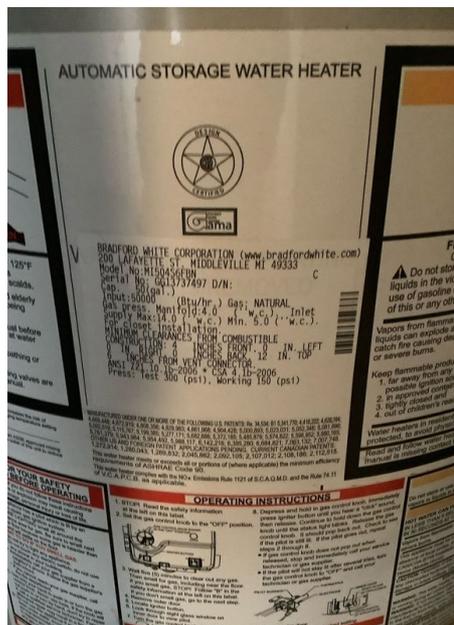


### Hot Water Systems, Controls, Flues & Vents: Manufacturer

Bradford & White

I recommend flushing & servicing your water heater tank annually for optimal performance. Water temperature should be set to at least 120 degrees F to kill microbes and no higher than 130 degrees F to prevent scalding.

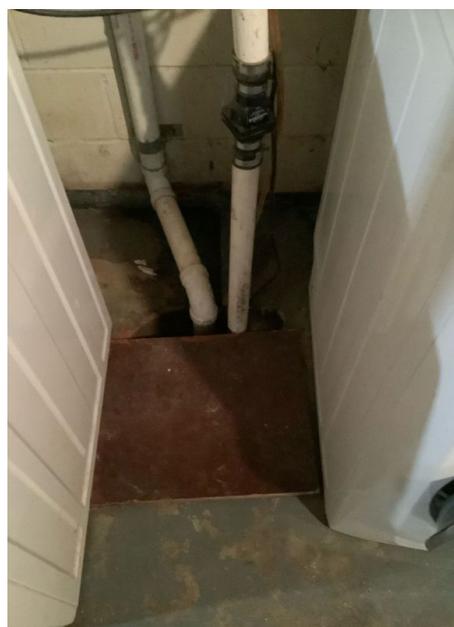
[Here is a nice maintenance guide from Lowe's to help.](#)



July 2010 install

### Sump Pump: Location

Basement



Operated at the time of inspection

### Deficiencies

8.3.1 Water Supply, Distribution Systems & Fixtures

 Recommendation

**DISTRIBUTION PIPE LEAKING**

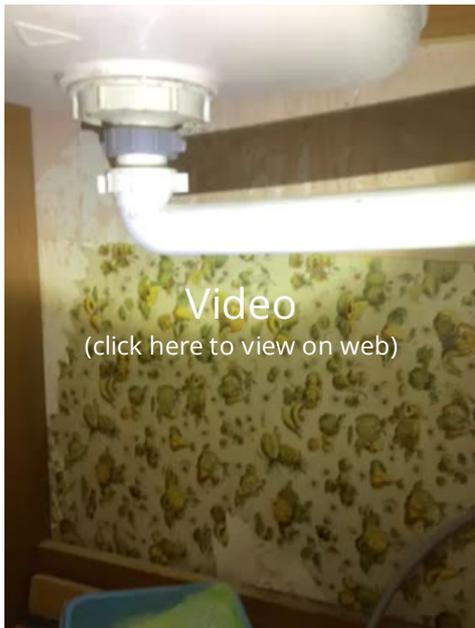
Distribution pipe was leaking. Recommend a qualified plumber evaluate and repair.

Leak under the kitchen sink

Leaking pipe in the basement caused damage in the past, was replaced. No leak today.

Main galvanized pipe was replaced at some point in the past

Galvanized pipe is known to corrode on interior and reduce flow.



Past Leak -- NO Current Leaking



Past Replacement - NO Current Issues

# 9: ELECTRICAL

## Information

**Service Entrance Conductors:  
Electrical Service Conductors**  
Overhead, Copper, 220 Volts

**Main & Subpanels, Service &  
Grounding, Main Overcurrent  
Device: Panel Type**  
Circuit Breaker

**Branch Wiring Circuits, Breakers  
& Fuses: Wiring Method**  
Romex, Cloth wrapped paper

**Main & Subpanels, Service &  
Grounding, Main Overcurrent  
Device: Panel Capacity**  
100 AMP

**Main & Subpanels, Service &  
Grounding, Main Overcurrent  
Device: Sub Panel Location**  
None

**Main & Subpanels, Service &  
Grounding, Main Overcurrent  
Device: Panel Manufacturer**  
Cutler Hammer

**Branch Wiring Circuits, Breakers  
& Fuses: Branch Wire 15 and 20  
AMP**  
Copper

### Overview Photos



Transformer for low-voltage lighting

**Main & Subpanels, Service & Grounding, Main Overcurrent Device: Main Panel Location**  
Basement



Good

**GFCI & AFCI: Outlets were tested, photos**



Open Ground



Open ground



GFCI tested

**Deficiencies**

9.2.1 Main & Subpanels, Service & Grounding, Main  
Overcurrent Device



### **BREAKER INCORRECTLY WIRED**

Circuit breaker was incorrectly wired / installed. This indicates that work was probably not performed by a licensed electrician and poses a safety hazard. Recommend that a licensed electrician check the entire panel and repair and replace as need.

Two. Wires on the same breaker.



9.3.1 Branch Wiring Circuits, Breakers & Fuses



### **IMPROPER WIRING**

All wiring should be insulated wire and all junction outlets and devices need to be in an approved electrical junction box.



Not in a junction box

## 9.5.1 GFCI &amp; AFCI

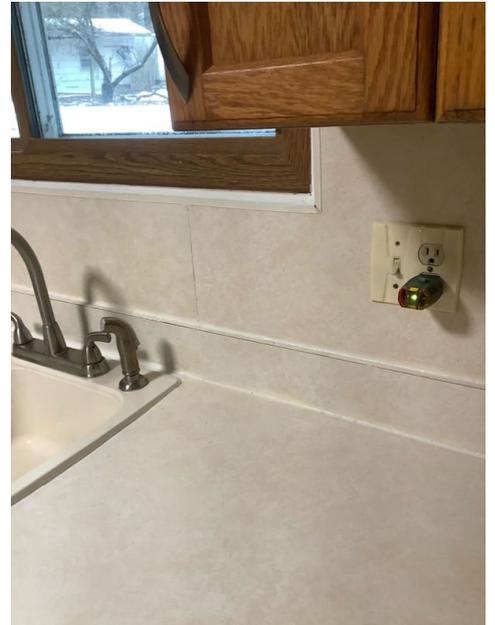
**NO GFCI PROTECTION INSTALLED**

Recommendation

No GFCI protection present in all locations. Recommend licensed electrician upgrade by installing ground fault receptacles in all locations.

[Here is a link](#) to read about how GFCI receptacles keep you safe.

recommend GFCI in kitchens and bathrooms where water may be present



# 10: FIREPLACE

## Information

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**Type**  
Gas



# 11: DOORS, WINDOWS & INTERIOR

## Information

**Windows: Window Type**

Double-hung

**Floors: Floor Coverings**

Engineered Wood, Laminate,  
Carpet

**Walls: Wall Material**

Drywall, Gypsum Board

**Ceilings: Ceiling Material**

Gypsum Board, Plaster

**Kitchen, Counters & Cabinets:  
Cabinetry**

Wood

**Kitchen, Counters & Cabinets:  
Countertop Material**

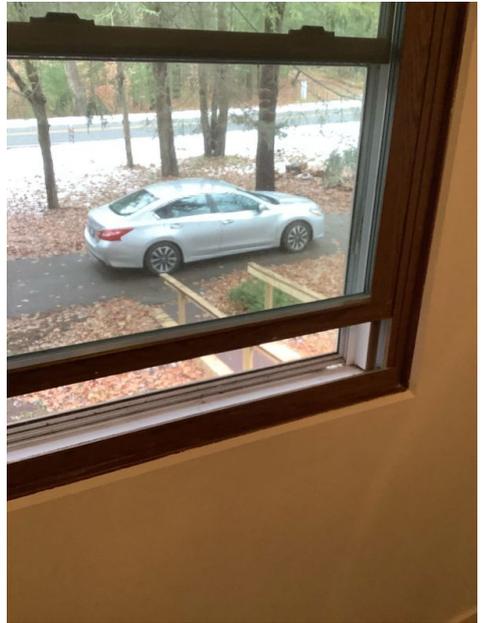
Laminate



**Windows: Window Manufacturer**

Unknown





**Photos**



**Photos**



**Photos**



# 12: BUILT-IN APPLIANCES

## Information

### Photos



**Dishwasher: Brand**  
LG



**Range/Oven/Cooktop: Exhaust Hood Type**  
Vented

**Range/Oven/Cooktop:**  
**Range/Oven Brand**  
LG

**Range/Oven/Cooktop:**  
**Range/Oven Energy Source**  
Electric



**Refrigerator: Brand**  
LG



# 13: GARAGE

## Information

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### Photo



**Garage Door: Material**  
Non-insulated, Aluminum

**Garage Door: Type**  
Sectional



### Garage Door Opener: Photo



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# STANDARDS OF PRACTICE

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## Exterior

4.1 The inspector shall: A. inspect: 1. wall coverings, flashing, and trim. 2. exterior doors. 3. attached and adjacent decks, balconies, stoops, steps, porches, and their associated railings. 4. eaves, soffits, and fascias where accessible from the ground level. 5. vegetation, grading, surface drainage, and retaining walls that are likely to adversely affect the building. 6. adjacent and entryway walkways, patios, and driveways. B. describe wall coverings. 4.2 The inspector is NOT required to inspect: A. screening, shutters, awnings, and similar seasonal accessories. B. fences, boundary walls, and similar structures. C. geological and soil conditions. D. recreational facilities. E. outbuildings other than garages and carports. F. seawalls, break-walls, and docks. G. erosion control and earth stabilization measures.

## Roof

I. The inspector shall inspect from ground level or the eaves: A. the roof-covering materials; B. the gutters; C. the downspouts; D. the vents, flashing, skylights, chimney, and other roof penetrations; and E. the general structure of the roof from the readily accessible panels, doors or stairs. II. The inspector shall describe: A. the type of roof-covering materials. III. The inspector shall report as in need of correction: A. observed indications of active roof leaks. IV. The inspector is not required to: A. walk on any roof surface. B. predict the service life expectancy. C. inspect underground downspout diverter drainage pipes. D. remove snow, ice, debris or other conditions that prohibit the observation of the roof surfaces. E. move insulation. F. inspect antennae, satellite dishes, lightning arresters, de-icing equipment, or similar attachments. G. walk on any roof areas that appear, in the inspector's opinion, to be unsafe. H. walk on any roof areas if doing so might, in the inspector's opinion, cause damage. I. perform a water test. J. warrant or certify the roof. K. confirm proper fastening or installation of any roof-covering material.

## Basement, Foundation, Crawlspace & Structure

I. The inspector shall inspect: A. the foundation; B. the basement; C. the crawlspace; and D. structural components. II. The inspector shall describe: A. the type of foundation; and B. the location of the access to the under-floor space. III. The inspector shall report as in need of correction: A. observed indications of wood in contact with or near soil; B. observed indications of active water penetration; C. observed indications of possible foundation movement, such as sheetrock cracks, brick cracks, out-of-square door frames, and unlevel floors; and D. any observed cutting, notching and boring of framing members that may, in the inspector's opinion, present a structural or safety concern. IV. The inspector is not required to: A. enter any crawlspace that is not readily accessible, or where entry could cause damage or pose a hazard to him/herself. B. move stored items or debris. C. operate sump pumps with inaccessible floats. D. identify the size, spacing, span or location or determine the adequacy of foundation bolting, bracing, joists, joist spans or support systems. E. provide any engineering or architectural service. F. report on the adequacy of any structural system or component.

## Attic, Insulation & Ventilation

I. The inspector shall inspect: A. insulation in unfinished spaces, including attics, crawlspaces and foundation areas; B. ventilation of unfinished spaces, including attics, crawlspaces and foundation areas; and C. mechanical exhaust systems in the kitchen, bathrooms and laundry area. II. The inspector shall describe: A. the type of insulation observed; and B. the approximate average depth of insulation observed at the unfinished attic floor area or roof structure. III. The inspector shall report as in need of correction: A. the general absence of insulation or ventilation in unfinished spaces. IV. The inspector is not required to: A. enter the attic or any unfinished spaces that are not readily accessible, or where entry could cause damage or, in the inspector's opinion, pose a safety hazard. B. move, touch or disturb insulation. C. move, touch or disturb vapor retarders. D. break or otherwise damage the surface finish or weather seal on or around access panels or covers. E. identify the composition or R-value of insulation material. F. activate thermostatically operated fans. G. determine the types of materials used in insulation or wrapping of pipes, ducts, jackets, boilers or wiring. H. determine the adequacy of ventilation.

## Heating

I. The inspector shall inspect: A. the heating system, using normal operating controls. II. The inspector shall describe: A. the location of the thermostat for the heating system; B. the energy source; and C. the heating method. III. The inspector shall report as in need of correction: A. any heating system that did not operate; and B. if the heating system was deemed inaccessible. IV. The inspector is not required to: A. inspect or evaluate the interior of flues or chimneys, fire chambers, heat exchangers, combustion air systems, fresh-air intakes, humidifiers, dehumidifiers, electronic air filters, geothermal systems, or solar heating systems. B. inspect fuel tanks or underground or concealed fuel supply systems. C. determine the uniformity, temperature, flow, balance, distribution, size, capacity, BTU, or supply adequacy of the heating system. D. light or ignite pilot flames. E. activate heating, heat pump systems, or other heating systems when ambient temperatures or other circumstances are not conducive to safe operation or may damage the equipment. F. override electronic thermostats. G. evaluate fuel quality. H. verify thermostat calibration, heat anticipation, or automatic setbacks, timers, programs or clocks.

## Cooling

I. The inspector shall inspect: A. the cooling system, using normal operating controls. II. The inspector shall describe: A. the location of the thermostat for the cooling system; and B. the cooling method. III. The inspector shall report as in need of correction: A. any cooling system that did not operate; and B. if the cooling system was deemed inaccessible. IV. The inspector is not required to: A. determine the uniformity, temperature, flow, balance, distribution, size, capacity, BTU, or supply adequacy of the cooling system. B. inspect portable window units, through-wall units, or electronic air filters. C. operate equipment or systems if the exterior temperature is below 65 Fahrenheit, or when other circumstances are not conducive to safe operation or may damage the equipment. D. inspect or determine thermostat calibration, cooling anticipation, or automatic setbacks or clocks. E. examine electrical current, coolant fluids or gases, or coolant leakage.

### **Plumbing**

I. The inspector shall inspect: A. the main water supply shut-off valve; B. the main fuel supply shut-off valve; C. the water heating equipment, including the energy source, venting connections, temperature/pressure-relief (TPR) valves, Watts 210 valves, and seismic bracing; D. interior water supply, including all fixtures and faucets, by running the water; E. all toilets for proper operation by flushing; F. all sinks, tubs and showers for functional drainage; G. the drain, waste and vent system; and H. drainage sump pumps with accessible floats. II. The inspector shall describe: A. whether the water supply is public or private based upon observed evidence; B. the location of the main water supply shut-off valve; C. the location of the main fuel supply shut-off valve; D. the location of any observed fuel-storage system; and E. the capacity of the water heating equipment, if labeled. III. The inspector shall report as in need of correction: A. deficiencies in the water supply by viewing the functional flow in two fixtures operated simultaneously; B. deficiencies in the installation of hot and cold water faucets; C. mechanical drain stops that were missing or did not operate if installed in sinks, lavatories and tubs; and D. toilets that were damaged, had loose connections to the floor, were leaking, or had tank components that did not operate. IV. The inspector is not required to: A. light or ignite pilot flames. B. measure the capacity, temperature, age, life expectancy or adequacy of the water heater. C. inspect the interior of flues or chimneys, combustion air systems, water softener or filtering systems, well pumps or tanks, safety or shut-off valves, floor drains, lawn sprinkler systems, or fire sprinkler systems. D. determine the exact flow rate, volume, pressure, temperature or adequacy of the water supply. E. determine the water quality, potability or reliability of the water supply or source. F. open sealed plumbing access panels. G. inspect clothes washing machines or their connections. H. operate any valve. I. test shower pans, tub and shower surrounds or enclosures for leakage or functional overflow protection. J. evaluate the compliance with conservation, energy or building standards, or the proper design or sizing of any water, waste or venting components, fixtures or piping. K. determine the effectiveness of anti-siphon, backflow prevention or drain-stop devices. L. determine whether there are sufficient cleanouts for effective cleaning of drains. M. evaluate fuel storage tanks or supply systems. N. inspect wastewater treatment systems. O. inspect water treatment systems or water filters. P. inspect water storage tanks, pressure pumps, or bladder tanks. Q. evaluate wait time to obtain hot water at fixtures, or perform testing of any kind to water heater elements. R. evaluate or determine the adequacy of combustion air. S. test, operate, open or close: safety controls, manual stop valves, temperature/pressure-relief valves, control valves, or check valves. T. examine ancillary or auxiliary systems or components, such as, but not limited to, those related to solar water heating and hot water circulation. U. determine the existence or condition of polybutylene plumbing. V. inspect or test for gas or fuel leaks, or indications thereof.

### **Electrical**

I. The inspector shall inspect: A. the service drop; B. the overhead service conductors and attachment point; C. the service head, gooseneck and drip loops; D. the service mast, service conduit and raceway; E. the electric meter and base; F. service-entrance conductors; G. the main service disconnect; H. panelboards and over-current protection devices (circuit breakers and fuses); I. service grounding and bonding; J. a representative number of switches, lighting fixtures and receptacles, including receptacles observed and deemed to be arc-fault circuit interrupter (AFCI)-protected using the AFCI test button, where possible; K. all ground-fault circuit interrupter receptacles and circuit breakers observed and deemed to be GFCIs using a GFCI tester, where possible; and L. smoke and carbon-monoxide detectors. II. The inspector shall describe: A. the main service disconnect's amperage rating, if labeled; and B. the type of wiring observed. III. The inspector shall report as in need of correction: A. deficiencies in the integrity of the serviceentrance conductors insulation, drip loop, and vertical clearances from grade and roofs; B. any unused circuit-breaker panel opening that was not filled; C. the presence of solid conductor aluminum branch-circuit wiring, if readily visible; D. any tested receptacle in which power was not present, polarity was incorrect, the cover was not in place, the GFCI devices were not properly installed or did not operate properly, evidence of arcing or excessive heat, and where the receptacle was not grounded or was not secured to the wall; and E. the absence of smoke detectors. IV. The inspector is not required to: A. insert any tool, probe or device into the main panelboard, sub-panels, distribution panelboards, or electrical fixtures. B. operate electrical systems that are shut down. C. remove panelboard cabinet covers or dead fronts. D. operate or re-set over-current protection devices or overload devices. E. operate or test smoke or carbon-monoxide detectors or alarms F. inspect, operate or test any security, fire or alarms systems or components, or other warning or signaling systems. G. measure or determine the amperage or voltage of the main service equipment, if not visibly labeled. H. inspect ancillary wiring or remote-control devices. I. activate any electrical systems or branch circuits that are not energized. J. inspect low-voltage systems, electrical de-icing tapes, swimming pool wiring, or any timecontrolled devices. K. verify the service ground. L. inspect private or emergency electrical supply sources, including, but not limited to: generators, windmills, photovoltaic solar collectors, or battery or electrical storage facility. M. inspect spark or lightning arrestors. N. inspect or test de-icing equipment. O. conduct voltage-drop calculations. P. determine the accuracy of labeling. Q. inspect exterior lighting.

### **Fireplace**

I. The inspector shall inspect: readily accessible and visible portions of the fireplaces and chimneys; lintels above the fireplace openings; damper doors by opening and closing them, if readily accessible and manually operable; and cleanout doors and frames.

II. The inspector shall describe: the type of fireplace.

III. The inspector shall report as in need of correction: evidence of joint separation, damage or deterioration of the hearth, hearth extension or chambers; manually operated dampers that did not open and close; the lack of a smoke detector in the same room as the fireplace; the lack of a carbon-monoxide detector in the same room as the fireplace; and cleanouts not made of metal, pre-cast cement, or other non-combustible material.

IV. The inspector is not required to: inspect the flue or vent system. inspect the interior of chimneys or flues, fire doors or screens, seals or gaskets, or mantels. Determine the need for a chimney sweep, perate gas fireplace inserts, light pilot flames, determine the appropriateness of any installation, inspect automatic fuel-fed devices, inspect combustion and/or make-up air devices, inspect heat-distribution assists, whether gravity-controlled or fan-assisted, ignite or extinguish fires, determine the adequacy of drafts or draft characteristics, move fireplace inserts, stoves or firebox contents, perform a smoke test, dismantle or remove any component, perform a National Fire Protection Association (NFPA)-style inspection perform a Phase I fireplace and chimney inspection.

### **Doors, Windows & Interior**

I. The inspector shall inspect: A. a representative number of doors and windows by opening and closing them; B. floors, walls and ceilings; C. stairs, steps, landings, stairways and ramps; D. railings, guards and handrails; and E. garage vehicle doors and the operation of garage vehicle door openers, using normal operating controls. II. The inspector shall describe: A. a garage vehicle door as manually-operated or installed with a garage door opener. III. The inspector shall report as in need of correction: A. improper spacing between intermediate balusters, spindles and rails for steps, stairways, guards and railings; B. photo-electric safety sensors that did not operate properly; and C. any window that was obviously fogged or displayed other evidence of broken seals. IV. The inspector is not required to: A. inspect paint, wallpaper, window treatments or finish treatments. B. inspect floor coverings or carpeting. C. inspect central vacuum systems. D. inspect for safety glazing. E. inspect security systems or components. F. evaluate the fastening of islands, countertops, cabinets, sink tops or fixtures. G. move furniture, stored items, or any coverings, such as carpets or rugs, in order to inspect the concealed floor structure. H. move suspended-ceiling tiles. I. inspect or move any household appliances. J. inspect or operate equipment housed in the garage, except as otherwise noted. K. verify or certify the proper operation of any pressure-activated auto-reverse or related safety feature of a garage door. L. operate or evaluate any security bar release and opening mechanisms, whether interior or exterior, including their compliance with local, state or federal standards. M. operate any system, appliance or component that requires the use of special keys, codes, combinations or devices. N. operate or evaluate self-cleaning oven cycles, tilt guards/latches, or signal lights. O. inspect microwave ovens or test leakage from microwave ovens. P. operate or examine any sauna, steamgenerating equipment, kiln, toaster, ice maker, coffee maker, can opener, bread warmer, blender, instant hot-water dispenser, or other small, ancillary appliances or devices. Q. inspect elevators. R. inspect remote controls. S. inspect appliances. T. inspect items not permanently installed. U. discover firewall compromises. V. inspect pools, spas or fountains. W. determine the adequacy of whirlpool or spa jets, water force, or bubble effects. X. determine the structural integrity or leakage of pools or spas.