



LAKESHORE
HOME
INSPECTION

LAKESHORE HOME INSPECTION

616.843.4663

mitchb@lakeshoreinternet.com

<http://www.lakeshorehomeinspection.biz>



RESIDENTIAL REPORT

1234 Main Street
Fruitport, MI 49415

Buyer Name
10/22/2023 9:00AM



Inspector
Mitch Boucher
PE, PMP, Leedap
616.843.4663
mitchb@lakeshoreinternet.com



Agent
Agent Name
555-555-5555
agent@spectora.com

TABLE OF CONTENTS

1: Inspection Details	4
2: Exterior	5
3: Roof	8
4: Basement, Foundation, Crawlspace & Structure	10
5: Heating	11
6: Cooling	14
7: Plumbing	16
8: Electrical	19
9: Fireplace	22
10: Attic, Insulation & Ventilation	23
11: Doors, Windows & Interior	24
12: Built-in Appliances	28
13: Garage	29
Standards of Practice	31

SUMMARY

5

MAINTENANCE REQUIRED

2

RECOMMENDATION

- 🔧 3.4.1 Roof - Skylights, Chimneys & Other Roof Penetrations: Nails need to be caulked
- 🔧 5.1.1 Heating - Equipment: Filter compartment cover missing
- 🔧 5.2.1 Heating - Normal Operating Controls: Not calibrated/not correct
- ⊖ 11.1.1 Doors, Windows & Interior - Doors: Door Sticks
- 🔧 11.2.1 Doors, Windows & Interior - Windows: Latch is broke
- ⊖ 11.4.1 Doors, Windows & Interior - Walls: Patching
- 🔧 13.3.1 Garage - Walls & Firewalls: Needs paint finish to protect from moisture

1: INSPECTION DETAILS

Information

Present
Home Owner

Occupied
Vacant

Style
Contemporary

Temperature
65 Farenheit

Type of Building
Single Family

Weather Conditions
Clear

2: EXTERIOR

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

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

Information

General: Inspection Method
Visual, Attic Access

Siding, Flashing & Trim: Siding Material
Vinyl, Metal

Exterior Doors: Exterior Entry Door
Steel, Hollow Core

Decks, Balconies, Porches & Steps: Material
Concrete

Vegetation, Grading, Drainage & Retaining Walls: Exterior slopes well away from the house. No issues.

Photos





Decks, Balconies, Porches & Steps: Appurtenance
Front Porch, Covered Porch, Patio



Eaves, Soffits & Fascia: Photos



Walkways, Patios & Driveways: Driveway Material
Concrete



3: ROOF

Information

Inspection Method

Ladder, Drone

Roof Drainage Systems: Gutter

Material

Steel

Roof Type/Style

Gable

Flashings: Material

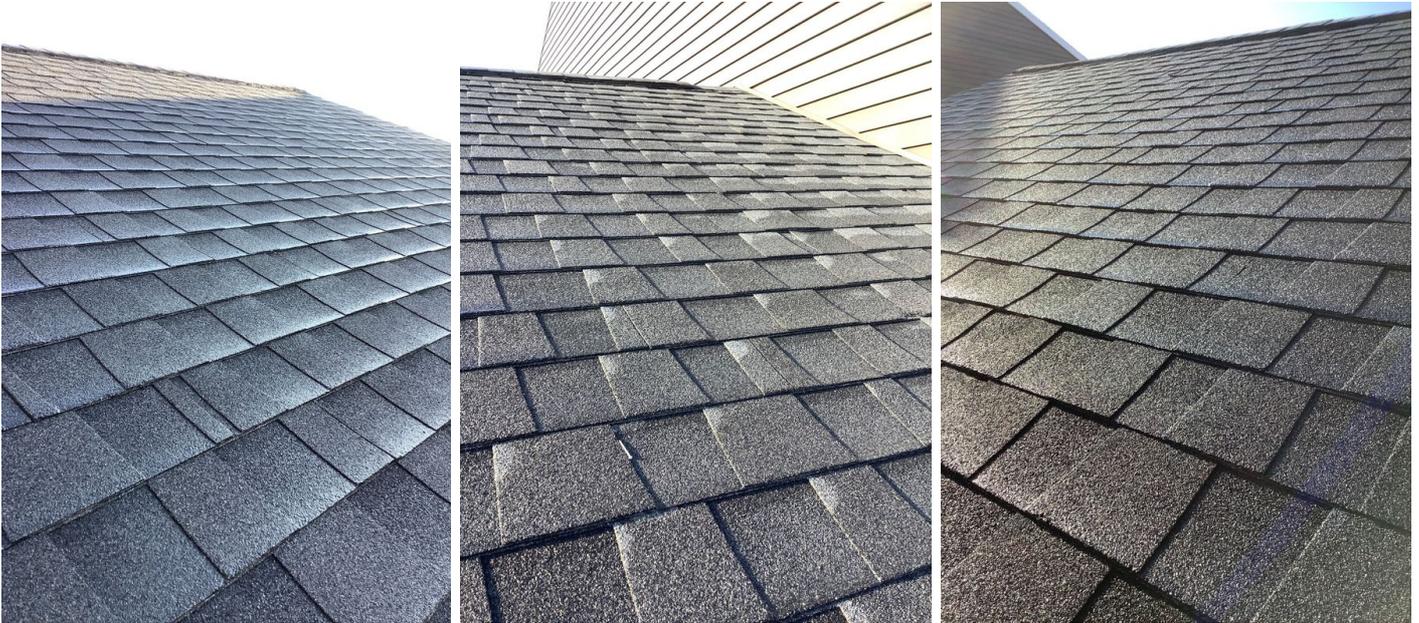
Aluminum

Coverings: Material

Asphalt

Photos





Coverings: Clear, nails and debris from roof



Deficiencies

3.4.1 Skylights, Chimneys & Other Roof Penetrations

 Maintenance Required

NAILS NEED TO BE CAULKED

Caulk at a minimum, or rework

Recommendation

Contact a qualified professional.



4: BASEMENT, FOUNDATION, CRAWLSPACE & STRUCTURE

Information

Inspection Method
Visual

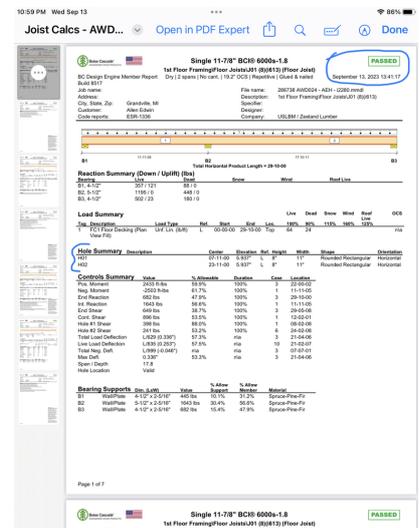
Foundation: Material
Concrete

Floor Structure:
Basement/Crawlspace Floor
Wood

Floor Structure: Material
Engineered Floor Trusses

Floor Structure: Sub-floor
OSB

Floor Structure: Floor Joist
Engineering Approvals



Roof Structure & Attic: Material
Plywood

Roof Structure & Attic: Type
Gable

Photos



5: HEATING

Information

Equipment: Energy Source
Gas

Equipment: Heat Type
Forced Air

Normal Operating Controls:
Thermostat photos



AFUE Rating

96.5

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.

But filter compartment needs a cover.

Equipment: Brand

Carrier

5.1.1 Equipment

FILTER COMPARTMENT COVER MISSING

 Maintenance Required



Recommendation
Contact a qualified professional.

5.2.1 Normal Operating Controls

NOT CALIBRATED/NOT CORRECT

 Maintenance Required

Recommendation
Contact a qualified professional.



Reads 56, actual is 70

6: COOLING

Information

Cooling Equipment: Energy Source/Type

Electric

Cooling Equipment: Location

Exterior back

Cooling Equipment: Brand

Carrier



Cooling Equipment: SEER Rating

14 SEER

Modern standards call for at least 13 SEER rating for new install.

Read more on energy efficient air conditioning at Energy.gov.

Distribution System: Configuration

Central



7: PLUMBING

Information

Filters

None

Water Source

Public

Main Water Shut-off Device:

Location

Basement



Main shut off

Drain, Waste, & Vent Systems:

Drain Size

1 1/2"

Drain, Waste, & Vent Systems:

Material

PVC

Water Supply, Distribution Systems & Fixtures: Distribution Material

Pex

Water Supply, Distribution Systems & Fixtures: Water Supply Material

Pex

Water Supply, Distribution Systems & Fixtures: Fixtures and Faucets Temperature and Pressure

Satisfactory, Outdoor Faucets

Water Supply, Distribution Systems & Fixtures: Water Supply, Distribution Systems & Fixtures

Satisfactory

Hot Water Systems, Controls, Flues & Vents: Capacity

40 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

Sump Pump: Location

Basement



Gas main shut off



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



Hot Water Systems, Controls, Flues & Vents: Manufacturer

Lochinvar

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.](#)



Shut off

8: ELECTRICAL

Information

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



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

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

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

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

**Branch Wiring Circuits, Breakers
& Fuses: Wiring Method**
Romex

Main & Subpanels, Service & Grounding, Main Overcurrent Device: Main Panel Location
Garage



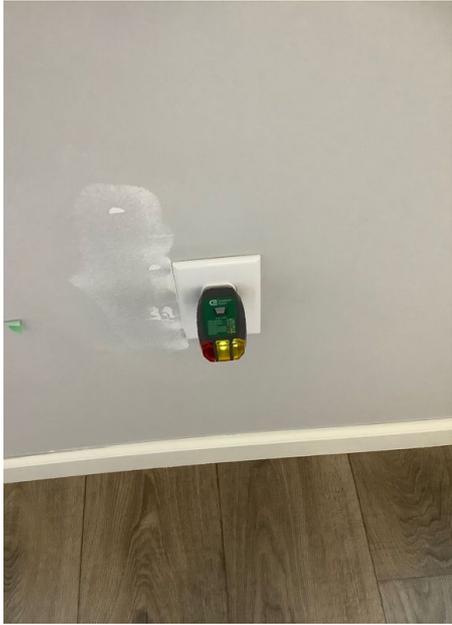
Main shut off



Good

Lighting Fixtures, Switches & Receptacles: Photos

GFCI was tested and function



Reset in entry bathroom



Reset in entry bathroom

GFCI & AFCI: Outlets were tested, photos



9: FIREPLACE

10: ATTIC, INSULATION & VENTILATION

Information

Dryer Power Source

220 Electric

Gas for dryer not installed yet

Ventilation: Ventilation Type

Ridge Vents, Soffit Vents

Dryer Vent

Metal (Flex)

Attic Insulation: Insulation Type

Fiberglass, Loose-fill

Exhaust Systems: Exhaust Fans

Fan with Light

Flooring Insulation

None

Attic Insulation: R-value

24

Photos



R22-26



Barrier for ventilation



Good fill all around



Barrier for ventilation

11: DOORS, WINDOWS & INTERIOR

Information

Windows: Window Manufacturer
Unknown

Windows: Window Type
Single-hung

Floors: Floor Coverings
Carpet, Linoleum, Vinyl

Walls: Wall Material
Drywall

Ceilings: Ceiling Material
Gypsum Board

Kitchen, Counters & Cabinets:
Countertop Material
Quartz

Photos



Photos





Photos



Upstairs hall



Upstairs master



Downstairs entry

Kitchen, Counters & Cabinets: Cabinetry

Wood



Deficiencies

11.1.1 Doors

DOOR STICKS

Door sticks and is tough to open. Recommend sanding down offending sides.

[Here is a helpful DIY article](#) on how to fix a sticking door.

 Recommendation



Garage entry door

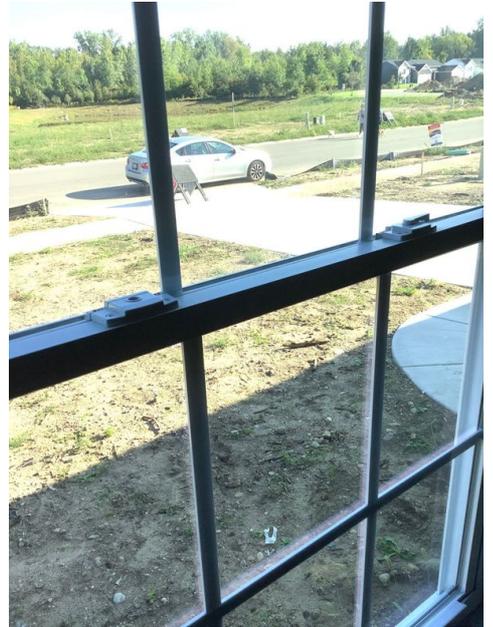
11.2.1 Windows

LATCH IS BROKE

Recommendation

Contact a qualified professional.

 Maintenance Required



Latch is broke

11.4.1 Walls

PATCHING

standard drywall patching observed at time of inspection.

 Recommendation



12: BUILT-IN APPLIANCES

Information

Dishwasher: Brand
GE

Refrigerator: Brand
GE

Range/Oven/Cooktop: Exhaust Hood Type
Vented

Range/Oven/Cooktop: Range/Oven Brand
GE

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

Photos



All operational at time of inspection

13: GARAGE

Information

Garage Door: Material
Non-insulated, Metal

Garage Door: Type
Sectional

Garage Door Opener: Photo



Photo



Deficiencies

13.3.1 Walls & Firewalls

NEEDS PAINT FINISH TO PROTECT FROM MOISTURE

Needs to be painted, or Drywall tape will release

Recommendation

Contact a qualified professional.



STANDARDS OF PRACTICE

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.

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.

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.

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.