Inspection Report

Welcome Home!

FOR THE PROPERTY AT:

186 East's Corners Boulevard Vaughan, ON L4H 3N5

PREPARED FOR:

DEANNA AND KEVIN HYATT

INSPECTION DATE:

Sunday, April 14, 2024

PREPARED BY:

Dave Edmunds







The Home Check 6-2400 Dundas Street West, Suite 503 Mississauga, ON L5K 2R8

905-916-6888 HST#140534322RT0001

Report No. 8152 www.thehomecheck.ca

186 East's Corners Boulevard, Vaughan, ON April 14, 2024

ROOFING EXTERIOR STRUCTUR

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INTERIOR

OVERVIEW

IMPORTANT NOTE

The goal of a home inspection is to identify significant issues that would affect a person's decision to buy a re-sale home. While looking for big issues we typically identify some minor defects along the way. We include these in the report as a courtesy, but please understand a home inspection is not a Technical Audit and does not include a comprehensive list of issues.

FOR THE BUYER This inspection report is very helpful, but a more thorough home inspection includes both an onsite review of the property with the home inspector and the inspection report. To book your Onsite Review, call us at 905-916-6888. Without an Onsite Review, our obligation and liability are limited to the seller.

When you move into the home you may find some issues not identified in the report. That is to be expected for a number of reasons, such as furniture and storage that has been removed, changes to the property conditions, etc. Therefore, we suggest you allow roughly .5 % of the value of the home annually for maintenance and repair.

CONCLUSION

Most houses are designed to last a very long time, but many of the components are consumable. Roofs, heating systems, air conditioning systems and water heaters, for example, wear out and are replaced from time to time. A home with older systems does not mean a poor quality house.

Many elements like kitchens, bathrooms, flooring, siding, and windows are most often changed for lifestyle and decorating reasons. These discretionary home improvements are typically planned projects.

Unplanned repairs or replacements are never welcome, but are part of the 'joy of home ownership'. We encourage you to set up maintenance programs to protect your investment, reduce costs, improve comfort and efficiency, and extend life expectancy.

A WORD ABOUT WATER

Uncontrolled water is the enemy of homes. It not only damages the replaceable components, it also attacks the permanent elements of a home including wood and steel structural members, siding, trim, windows, doors, walls, floors, and ceilings. Water also promotes mould growth.

Water sources include rain, snow, surface water, ground water; leaks from plumbing and heating systems and condensation. Again, preventative maintenance is the key to protecting your investment and avoiding water damage. This includes keeping gutters and downspouts clear and leak free and discharging water well away from the building. Lot grading should slope slightly down away from the home to direct surface water away from the home. Annual maintenance programs on roofs, gutters, heating and cooling systems help minimize water damage.

ASBESTOS, MOULD and other ENVIRONMENTAL ISSUES

Environmental issues are outside the scope of a home inspection. Inspectors do not identify or evaluate issues such as asbestos, mould and indoor air quality. Many building materials contain asbestos, and moisture problems may result in visible or concealed mould. An Environmental Consultant can assist with these types of issues. If you need help, call us at 905-916-6888.

Home Improvement - ballpark costs

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REFERENCE

Description

Sloped roofing material: • Asphalt shingles (1.1)

Porch roofing material: • Modified Bitumen membrane (1.10)

Chimneys: • None

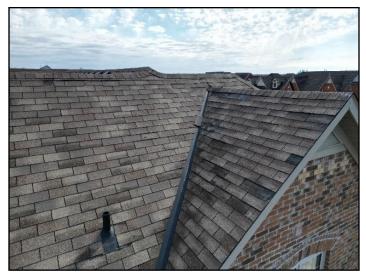
Limitations

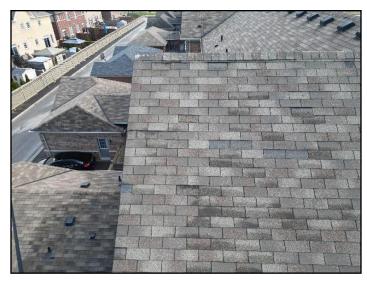
Roof inspection method: • Walking on the roof • Drone

Recommendations

RECOMMENDATIONS \ General

Condition: • View of roof from above:







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REFERENCE

SLOPED ROOF(S) \ 1.0

Condition: • Aging Task: Replace

Time: When necessary

Condition: • Missing

Task: Repair

Time: As soon as practical



Condition: • Patched

Task: Ask homeowner for insight





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OVERVIEW ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING I

INSULATION PLUMBING

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REFERENCE



Condition: • A maintenance tune-up on the roof is recommended shortly after taking possession. This will ensure the full life of the roof covering is realized.

VULNERABLE AREAS \ 1.13, 1.14 & 1.15

Condition: • Flashings are vulnerable areas

Task: Monitor/maintain as necessary

ROOF LEAKS (4.0), ANNUAL MAINTENANCE AND ICE DAMS (1.14) \ Good advice for all homeowners

Condition: • Roofs may leak at any time. Leaks often appear at roof penetrations, flashings, changes in direction or changes in material. A roof leak should be addressed promptly to avoid damage to the structure, interior finishes and furnishings. A roof leak does not necessarily mean the roof has to be replaced. We recommend an annual inspection and tune-up to minimize the risk of leakage and to maximize the life of roofs.

Most roofs are susceptible to ice dams under the right weather conditions. This is where ice forms at the lower edge of a sloped roof, causing melting water from above to back up under the shingles. We cannot predict which roofs will suffer the most damage under adverse weather. Read Section 1.14 for more detail and solutions.

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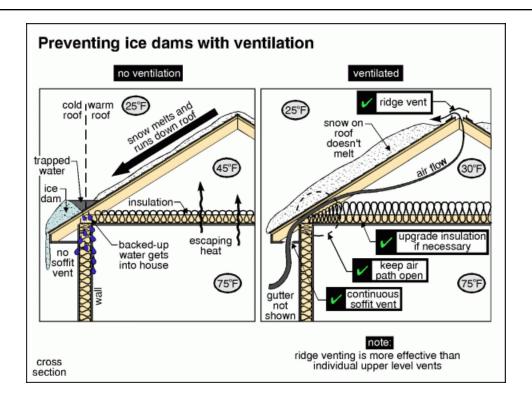
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OVERVIEW ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR

REFERENCE

Description

Gutters and Downspouts (1.0): • Aluminum (1.1)

Gutter and Downspout Discharge (1.2): • Discharge above grade (1.2)

Wall Surfaces (4.0): • Brick (4.1)

Limitations

Exterior inspection method: • The exterior was inspected from ground level.

Limitations: • Deck/porch/steps - restricted/no access under • Garage - storage restricted the inspection • Fences, outbuildings (other than garages) and landscape features are not included as part of a home inspection.

Recommendations

DOWNSPOUTS \ 1.0

Condition: • Discharges onto roof - extend to lower gutter to protect lower roof

Task: Repair

Time: Less than 1 year



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REFERENCE

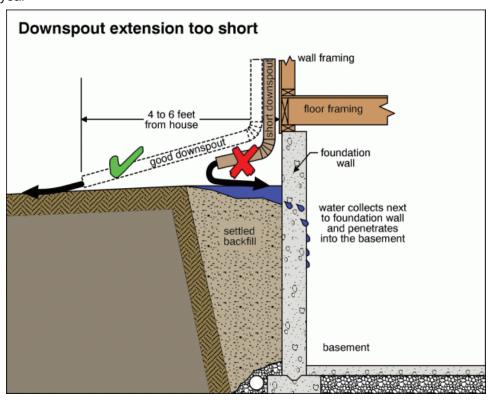


Condition: • Downspout ends too close to home. It should direct water at least 6 feet from building.

Location: Throughout Exterior

Task: Correct

Time: Less than 1 year



LOT GRADING \ (2.0 & 6.0)

Condition: • Low areas

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REFERENCE

To reduce the likelihood of water penetration to the basement, always maintain a positive slope away from the foundation



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OVERVIEW ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR

REFERENCE

Description

Foundations (3.0): • Poured concrete

Configuration (4.0): • Basement

Floor Construction (5.0): • Joists - engineered wood

Exterior Wall Construction (6.0): • Wood frame, masonry veneer

Roof and Ceiling Framing (7.0): • <u>Trusses (7.4)</u>

Limitations

Structure inspection method: • Attic inspected from access hatch

Limitations: • Finishes, insulation, furnishings and storage conceal structural components, preventing/restricting inspection. • It is not possible to determine the presence or extent of ongoing movement based on a one-time visit.

Recommendations

FOUNDATIONS AND MASONRY WALLS \ 3.0 & 6.1

Condition: • Most foundation walls and masonry walls have small cracks due to shrinkage or settlement that occurred shortly after construction was completed. These will not be individually noted, unless leakage or building movement is noted.

ROOF SHEATHING \ 7.5

Condition: • Water stains

Location: Attic

Task: Monitor over time



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Description

General: • The electrical system size and distribution should prove adequate for typical lifestyles. • Overall, the electrical system is safe and in good condition

Service Entrance Cable (2.1/2/3): • <u>Underground - The wire material was not determined</u>

Service Size (2.4/5): • 100 amps (240 Volts) System Grounding (2.7): • Not determined Distribution Panel Rating (3.0): • 125 amps

Distribution Panel Type & Location:

• Breakers - basement



Distribution Wire (4.0): • Copper - non-metallic sheathed

Outlet Type & Number (5.2): • Grounded - typical number

Ground Fault Circuit Interrupters (5.3): • Bathrooms • Exterior

Arc Fault Circuit Interrupters (5.3): • Panel

Limitations

Limitations: • Main disconnect cover not removed • Concealed electrical components are not inspected. • The home inspection includes only a sampling check of wiring, lights, receptacles, etc. • The continuity and quality of the system ground are not verified as part of a home inspection.

HEATING

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REFERENCE

Description

General: • The high-efficiency furnace should have several years of life remaining.

Main Heating System - Fuel/Energy Source: • Natural gas

Main Fuel Shut-off at: • Meter Main Heating System - Type:

• Furnace (3.0)



Efficiency (8.0): • High efficiency

Approximate Input Capacity (9.0): • 60,000 BTU/hr.

Approximate Age: • 9 years

Typical Life Expectancy: • Furnace (high efficiency) - 15 to 20 years

Limitations

Limitations: • Heat loss calculations are not performed as part of a home inspection. • Safety devices are not tested as part of a home inspection. • The heat exchanger is substantially concealed and could not be inspected. • The performance of radiant ceiling heating cannot be evaluated during a home inspection. • Performing airflow analysis at each supply register is not part of a home inspection

Recommendations

SUPPLY/RETURN DUCTWORK, GRILLES AND REGISTERS \ 15.1 & 15.2

Condition: • Uneven air flow noted at some of the registers. Consult with a heating contractor if this becomes a comfort issue.

REGULAR MAINTENANCE \ Good advice for all homeowners

Condition: • An annual maintenance agreement with a reputable heating contractor is recommended.

COOLING Report No. 8152

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OVERVIEW ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR

REFERENCE

Description

Air Conditioning (1.0): • Central air conditioning - air cooled (1.1)

Cooling Capacity (3.0): • 30,000 BTU/hr.

Approximate Compressor Age (5.0):

• 8 years



Typical Life Expectancy: • 10 to 15 years

Limitations

Limitations: • Heat gain and heat loss calculations are not performed as part of a home inspection. • Low outdoor temperatures prevented testing in the cooling mode. • Performing airflow analysis at each supply register is not part of a home inspection

Recommendations

RECOMMENDATIONS \ General

Condition: • No COOLING Recommendations are offered as a result of this inspection.

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OVERVIEW ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR

REFERENCE

Description

Attic insulation value (1.0/2.0) & material (A): • R50 • Fiberglass (3.0)

Basement wall insulation value (1.0/2.0) & material (I/J): • R-20 • Fiberglass (3.0)

Air/vapour barrier (13.0): • Not determined

Roof ventilation (15.0): • Roof vents • Soffit vents

Limitations

Insulation inspection method: • See Structure Limitations • Attic inspected from access hatch

Limitations: • The continuity of air/vapour barriers and the performance of roof and attic ventilation are not verified as part of a home inspection. • Concealed wall insulation is not inspected.

Recommendations

RECOMMENDATIONS \ General

Condition: • View of attic:



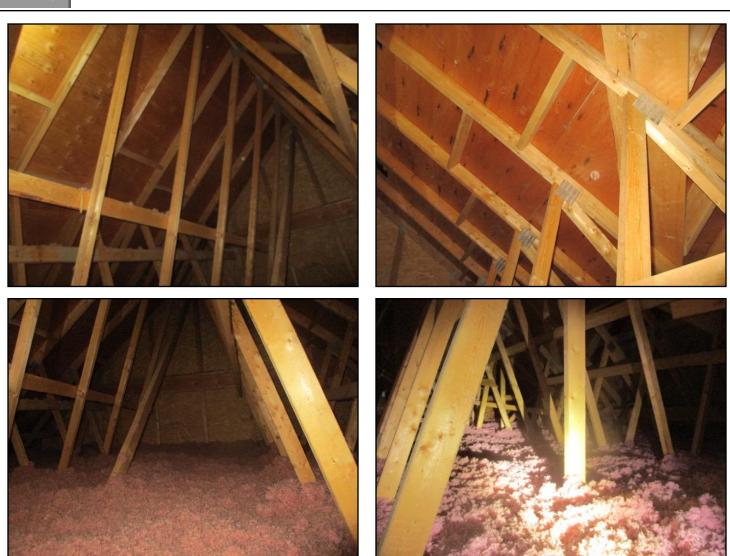


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PLUMBING ROOFING STRUCTURE INSULATION

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WALLS - BASEMENT \ I & J

Condition: • The backside of the door in the cold room should be finished so that there is no air communication between the cold room and the house/framing.

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Description

Water Piping to the Building: • Plastic

Supply Piping in the Building: • Copper • PEX (cross-linked polyethylene)

Main Shut-off Valve Location: • Basement Water Flow (Pressure) (1.4.1): • Functional

Water Heater Type and Energy Source (1.6): • Gas • Induced draft

Water Heater Age (Estimated) (1.6): • 8 years

Typical Life Expectancy: • 10 to 15 years

Water Heater Tank Capacity (1.6): • 227 liters/60 US gallons

Waste Piping Material: • Plastic

Floor Drain Location: • Furnace area

Limitations

Limitations: • Concealed plumbing is not inspected. This includes supply and waste piping under floors and under the yard. • Isolating valves, relief valves and main shut-off valves are not tested as part of a home inspection. • Tub and basin overflows are not tested as part of a home inspection. Leakage at the overflows is a common problem. • Water treatment equipment is not included as part of a home inspection. • Swimming pools, spas, fountains, ponds and other water features are not included as part of a home inspection. • Storage under sinks prevented a complete view of the supply and waste lines • Appliances are not checked as part of a home inspection

Recommendations

RECOMMENDATIONS \ General

Condition: • Be mindful of the fact that all houses will go through an adjustment period with the new homeowners as it relates to plumbing use. As the home is brought up to full activity status, watch for leakage/performance issues that were not picked up at the time of inspection.

WATER HEATER \ 1.6

Condition: • Rust

Task: Repair or replace Time: As soon as practical

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SUPPLY PIPING IN HOUSE \ 1.4

Condition: • Like all homes constructed today, this house features plastic water supply piping in some/all areas (pex). The manufacturer of the piping was not determined (unable to read or find where looked). While there was no evidence of problem at the time of inspection, Vanguard, IPEX and other manufacturers have had issues with this type of pipe and its connections. Significant class action settlements have been granted. As a homeowner, one must be fully prepared for the discovery of some piping that someone has had a problem with in the past. IF concerned, consultation with a general/plumbing contractor is recommended to determine if any improvements should be made. Monitor this system along with all of the other mechanical systems within a home.

WASTE PIPING \ 2.3

Condition: • We recommend the installation of a wastewater backflow preventer to help reduce the likelihood of a sewage back up event in the basement. Many municipalities offer subsidies. Many insurers offer discounts if they are in place.

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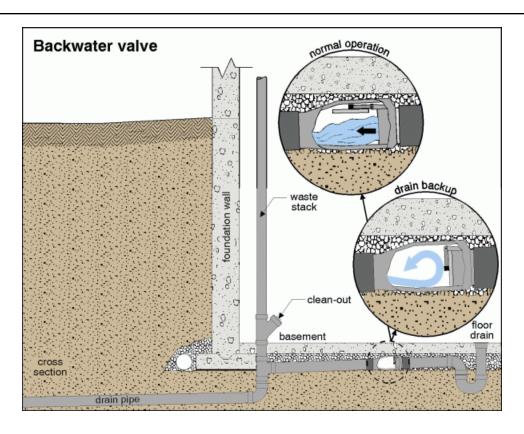
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BATHTUB \ 3.5 & 3.6

Condition: • Caulking and grout should be checked every six months and improved as necessary to prevent leakage and damage behind wall surfaces.

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REFERENCE

Description

Major Floor Finishes (1.0): • Carpet (1.4/1.5) • Ceramic/Quarry Tile (1.7) • Hardwood (1.2)

Major Wall Finishes (2.0): • Drywall (2.1)

Major Ceiling Finishes (3.0): • Drywall (3.1) • Stucco/Textured/Stipple (3.5)

Windows (6.0): • Casement (6.1.2) • Fixed (6.1.5) • Sliders (6.1.3)

Glazing (6.2): • <u>Double (6.2.2)</u>

Exterior Doors (7.0): • Conventional - hinged • Garage

Fireplaces and Stoves (8.0): • None

Party Walls (9.0): • Wood frame

Limitations

Limitations: • Basement finishes restricted the inspection • Storage/furnishings in some areas limited inspection • No comment is made on cosmetic finishes during a home inspection. • Security systems, intercoms, central vacuum systems, chimney flues and elevators are not included as part of a home inspection. Carbon monoxide detectors and smoke detectors are not tested as part of a home inspection. • Limited access to cabinets and closets • Basement leakage frequency or severity cannot be predicted during a home inspection. • Appliances are not checked as part of a home inspection

% of interior foundation wall not visible: • 95

Recommendations

RECOMMENDATIONS \ General

Condition: • Typical minor flaws were noted on floors, walls and ceilings. These cosmetic issues reflect normal wear and tear.

WINDOWS \ 6.0

Condition: • Installing a dedicated egress window in the basement is recommended.

BASEMENT LEAKAGE POTENTIAL \ 10.0

Condition: • Read Section 10.0 in the Interior section of the Reference tab at the end of the report or click to read

Condition: • We cannot predict the frequency or severity of basement leakage.

WHAT TO DO IF YOUR BASEMENT OR CRAWLSPACE LEAKS \ 10.0

Condition: • Almost every basement (and crawlspace) leaks under the right conditions. Based on a one-time visit, it's impossible to know how often or severe leaks may be. While we look for evidence of past leakage during our inspection, this is often not a good indicator of current conditions. Exterior conditions such as poorly performing gutters and downspouts, and ground sloping down toward the house often cause basement leakage problems. Please read Section 10.0 in the text before taking any action.

To summarize, wet basement issues can be addressed in 4 steps:

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REFERENCE

- 1. First, ensure gutters and downspouts carry roof run-off away from the home. (relatively low cost)
- 2. If problems persist, slope the ground (including walks, patios and driveways) to direct water away from the home. (Low cost if done by homeowner. Higher cost if done by contractor or if driveways, patios and expensive landscaping are disturbed.)
- 3. If the problem is not resolved and the foundation is poured concrete, seal any leaking cracks and form-tie holes from the inside. (A typical cost is \$500 to \$1,000 per crack or hole.)
- 4. As a last resort, dampproof the exterior of the foundation, provide a drainage membrane and add/repair perimeter drainage tile. (High cost)

SMOKE DETECTORS AND CARBON MONOXIDE DETECTORS \ Good advice for homeowners

Condition: • New smoke and carbon monoxide detectors should be purchased and installed in accordance with the current fire code.

END OF REPORT

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The links below connect you to a series of documents that will help you understand your home and how it works. These are in addition to links attached to specific items in the report.

Click on any link to read about that system.

- 01. ROOFING, FLASHINGS AND CHIMNEYS
- 02. EXTERIOR
- 03. STRUCTURE
- 04. ELECTRICAL
- 05. HEATING
- 06. COOLING/HEAT PUMPS
- 07. INSULATION
- 08. PLUMBING
- 09. INTERIOR
- 10. APPLIANCES
- 11. LIFE CYCLES AND COSTS
- 12. SUPPLEMENTARY

Asbestos

Radon

Urea Formaldehyde Foam Insulation (UFFI)

Lead

Carbon Monoxide

Mold

Household Pests

Termites and Carpenter Ants

- 13. HOME SET-UP AND MAINTENANCE
- 14. MORE ABOUT HOME INSPECTIONS