# **INSPECTION REPORT**



For the Property at:

# 159 BOWEN DRIVE

PETERBOROUGH, ON K9H 0C1

Prepared for: TEAM VANRAHAN

Inspection Date: Tuesday, April 11, 2023

Prepared by: David Sharman



County Home Inspection 398 McDonnel Street, Suite 4 Peterborough, ON K9H 2X4 705 957 3642

www.countyhomeinspection.ca david@countyhomeinspection.ca



April 11, 2023

Dear Team VanRahan,

RE: Report No. 4253 159 Bowen Drive Peterborough, ON K9H 0C1

Thank you for choosing County Home Inspection to perform your home inspection.

The inspection itself and the attached report comply with the requirements of the Standards of Practice of our national Association. This document defines the scope of a home inspection.

Clients can sometimes assume that a home inspection includes many things that are beyond the scope. We encourage you to read the Standards of Practice so that you clearly understand what things are included in the home inspection and report.

The report has been prepared for the exclusive use of you, our client. No use by third parties is intended. We will not be responsible to any parties for the contents of the report, other than the party named herein.

The report is effectively a snapshot of the house, recording the conditions on a given date and time. We cannot predict future behaviour, and as such, we cannot be responsible for things that occur after the inspection.

The report itself is copyrighted, and may not be used in whole or in part without our express written permission.

Please be sure to download a copy of this report to your computer, as the emailed link to the report will expire within 7 days.

Again, thank you for choosing County Home Inspection.

Sincerely,

David Sharman on behalf of County Home Inspection

Report No. 4253 SUMMARY

159 Bowen Drive, Peterborough, ON April 11, 2023

www.countyhomeinspection.ca ROOFING **EXTERIOR** STRUCTURE HEATING COOLING INSULATION PLUMBING SUMMARY INTERIOR

REFERENCE

This Summary outlines potentially significant issues from a cost or safety standpoint. This section is provided as a courtesy and cannot be considered a substitute for reading the entire report. Please read the complete document.

**Priority Maintenance Items** 

# Roofing

#### **RECOMMENDATIONS \ Overview**

Condition: • No roofing recommendations are offered as a result of this inspection.

## Exterior

#### WALLS \ Vent (fan, clothes dryer, etc.)

Condition: • Cover damaged

Implication(s): Increased operating costs

Location: Right elevation

Task: Replace Time: Discretionary

Cost: Minor

#### PORCHES, DECKS, STAIRS, PATIOS AND BALCONIES \ Floors

Condition: • Sag

Implication(s): Weakened structure | Chance of movement

Location: Rear decking

Task: Repair

Time: Discretionary

Cost: Minor

#### Structure

## **FOUNDATIONS \ General notes**

Condition: • Typical minor cracks Implication(s): Material deterioration

Location: Left elevation

Task: Monitor Time: Ongoing

#### **FOUNDATIONS \ Performance opinion**

Condition: • Not determined

SUMMARY Report No. 4253

159 Bowen Drive, Peterborough, ON April 11, 2023

SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR

REFERENCE

#### **Electrical**

#### **RECOMMENDATIONS \ Overview**

**Condition:** • No electrical recommendations are offered as a result of this inspection.

# Heating

#### **GAS FURNACE \ Mechanical air filter**

Condition: • Installed backwards

Implication(s): Increased heating costs | Reduced comfort

Location: Cold air return

Task: Replace

**Time**: Regular maintenance **Cost**: Regular maintenance item

#### **HEAT RECOVERY VENTILATOR \ Heat exchanger cores**

**Condition:** • Clean core - regular maintenance **Implication(s)**: Reduced opperability & comfort

Location: Unit interior

Task: Clean

**Time**: Regular maintenance **Cost**: Regular maintenance item

#### **HEAT RECOVERY VENTILATOR \ Filters**

**Condition:** • Clean filters - regular maintenance **Implication(s)**: Reduced opperability & comfort

Location: Unit interior

Task: Clean

**Time**: Regular maintenance **Cost**: Regular maintenance item

# Cooling & Heat Pump

#### **AIR CONDITIONING \ Life expectancy**

Condition: • Near end of life expectancy

Implication(s): Equipment failure | Reduced comfort

Location: Exterior condenser

Task: Monitor
Time: Ongoing

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Report No. 4253 SUMMARY

159 Bowen Drive, Peterborough, ON April 11, 2023

www.countyhomeinspection.ca STRUCTURE HEATING COOLING INSULATION PLUMBING SUMMARY ROOFING **EXTERIOR** INTERIOR

## REFERENCE

#### Insulation and Ventilation

#### **ATTIC/ROOF \ Insulation**

**Condition:** • Amount less than current standards

Although being below current standards is not a deficiency, the home may benefit from an increased level of insulation.

Implication(s): Increased heating and cooling costs

Location: Attic Task: Upgrade Time: Discretionary

Cost: Minor

# **Plumbing**

#### WATER HEATER \ Life expectancy

Condition: • Near end of life expectancy

Implication(s): No hot water

Location: Utility room

Task: Monitor Time: Ongoing

## Interior

#### **RECOMMENDATIONS \ Overview**

Condition: • No interior recommendations are offered as a result of this inspection.

This concludes the Summary section.

The remainder of the report describes each of the home's systems and also details any recommendations we have for improvements. Limitations that restricted our inspection are included as well.

The suggested time frames for completing recommendations are based on the limited information available during a pre-purchase home inspection. These may have to be adjusted based on the findings of specialists.

Home Improvement - ballpark costs

Report No. 4253 ROOFING

159 Bowen Drive, Peterborough, ON April 11, 2023 www.countyhomeinspection.ca

ROOFING

STRUCTURE ELECTRICAL

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REFERENCE

# Description

The home is considered to face: • North

Sloped roofing material:

· Asphalt shingles





1. Asphalt shingles

Sloped roof flashing material: • Aluminum

Approximate age: • New

Probability of leakage: • Low

Typical life expectancy: • 25-30 years

Roof Shape: • Hip

## Limitations

Inspection limited/prevented by: • Lack of access (too high/steep)

Inspection performed: • From roof edge

Age determined by: • Visual inspection from roof surface

# Recommendations

#### **RECOMMENDATIONS \ Overview**

1. Condition: • No roofing recommendations are offered as a result of this inspection.

Report No. 4253 EXTERIOR

159 Bowen Drive, Peterborough, ON April 11, 2023

**EXTERIOR** 

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ROOFING

STRUCTURE ELECTRICAL

COOLING

INSULATION

PLUMBING

REFERENCE

# Description

Gutter & downspout material: • Aluminum Gutter & downspout type: • Eave mounted

Downspout discharge: • Above grade

Lot slope: • Away from building

Soffit (underside of eaves) and fascia (front edge of eaves): • Aluminum

Wall surfaces and trim: • Vinyl siding Wall surfaces - masonry: • Stone

**Driveway:** • Asphalt • No performance issues were noted.

Walkway: • Concrete • Patio stones/slabs • No performance issues were noted.

Deck: • Raised • Ground level • Wood • Railings

**Porch:** • Concrete • No performance issues were noted.

**Exterior steps:** • Concrete • Wood • No performance issues were noted.

Fence: • Wood • Chain link

Garage: • Detached

### Limitations

Inspection limited/prevented by: • Storage in garage

No or limited access to: • Area below steps, deck, porches

Exterior inspected from: • Ground level

#### Recommendations

#### WALLS \ Vent (fan, clothes dryer, etc.)

2. Condition: • Cover damaged

Implication(s): Increased operating costs

**Location**: Right elevation

Task: Replace Time: Discretionary

Cost: Minor

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SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR

REFERENCE



3. Cover damaged

#### PORCHES, DECKS, STAIRS, PATIOS AND BALCONIES \ Floors

3. Condition: • Sag

Implication(s): Weakened structure | Chance of movement

Location: Rear decking

Task: Repair

Time: Discretionary

Cost: Minor



4. Sag

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STRUCTURE Report No. 4253

159 Bowen Drive, Peterborough, ON April 11, 2023

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SUMMARY

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RIOR STRUCTURE

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NTERIOR

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# Description

Configuration: • Basement

Foundation material: • Poured concrete

Floor construction: • Wood I-joists • Subfloor - OSB (Oriented Strand Board)

Exterior wall construction: • Wood frame / Masonry veneer

Roof and ceiling framing: • Trusses • Oriented Strand Board (OSB) sheathing

## Limitations

Inspection limited/prevented by: • Ceiling, wall and floor coverings • Storage • Insulation

Attic/roof space: • Inspected from access hatch

Percent of foundation not visible: • 85 %

## Recommendations

#### **FOUNDATIONS \ General notes**

**4. Condition:** • Typical minor cracks **Implication(s)**: Material deterioration

Location: Left elevation

Task: Monitor Time: Ongoing



5. Typical minor cracks

## **FOUNDATIONS \ Performance opinion**

5. Condition: • Not determined

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SUMMARY

ROOFING

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# Description

Service entrance cable and location: • Underground - cable material not visible

Service size: • 100 Amps (240 Volts)

Main disconnect/service box rating: • 125 Amps Main disconnect/service box type and location:

• Breakers - utility room



6. Main electrical disconnect

System grounding material and type: • Copper - water pipe

Distribution panel type and location:

• Breakers - utility room

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ROOFING

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7. Breakers - utility room

Distribution panel rating: • 125 Amps

Electrical panel manufacturers: • Siemens

Number of circuits installed: • 20

Distribution wire (conductor) material and type: • Copper - non-metallic sheathed

Type and number of outlets (receptacles): • Grounded - typical

Circuit interrupters: Ground Fault (GFCI) & Arc Fault (AFCI): • GFCI - exterior • GFCI - bathroom • GFCI - kitchen •

AFCI - panel

Smoke alarms (detectors): • Present

Carbon monoxide (CO) alarms (detectors): • Present

## Limitations

Inspection limited/prevented by: • Storage • AFCIs (Arc Fault Circuit Interrupters) are not tested in a home that is occupied or where testing may cause damage. These should be tested monthly by the homeowner.

System ground: • Quality of ground not determined

Circuit labels: • The accuracy of the circuit index (labels) was not verified.

Not included as part of a building inspection: • Testing of smoke and/or carbon monoxide alarms

**ELECTRICAL** Report No. 4253

159 Bowen Drive, Peterborough, ON April 11, 2023 www.countyhomeinspection.ca

SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR

REFERENCE

## Recommendations

## **RECOMMENDATIONS \ Overview**

**6. Condition:** • No electrical recommendations are offered as a result of this inspection.

Report No. 4253 **HEATING** 

159 Bowen Drive, Peterborough, ON April 11, 2023 www.countyhomeinspection.ca

SUMMARY

ROOFING

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# Description

#### Heating system type:

Furnace



8. Furnace

Fuel/energy source: • Gas

#### Furnace manufacturer:

Carrier

Model number: 58MCB040-08 Serial number: 3209A00235

Heat distribution: • Ducts and registers **Approximate capacity:** • 40,000 BTU/hr

**Efficiency:** • High-efficiency

Exhaust venting method: • Direct vent - sealed combustion

Combustion air source: • Outside - sealed combustion

Approximate age: • 14 years

Typical life expectancy: • Furnace (high efficiency) 15 to 20 years

Main fuel shut off at:

• Utility room

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SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING

REFERENCE

9. Main fuel shut off



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10. Electrical disconnect

Failure probability: • Medium

Air filter: • Disposable • 16" x 25" • 1" thick

## Exhaust pipe (vent connector):

- PVC plastic
- Sidewall vented



11. Sidewall vented

#### Mechanical ventilation system for building:

• Heat recovery ventilator (HRV)

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www.countyhomeinspection.ca SUMMARY ROOFING STRUCTURE ELECTRICAL HEATING INSULATION PLUMBING

REFERENCE

VanEE 90H

Model number: 1601606 Serial number: CR34091125147



12. Heat recovery ventilator (HRV)

· Bathroom exhaust fan

Condensate system: • Discharges through floor slab

#### Limitations

Inspection prevented/limited by: • Storage

Safety devices: • Not tested as part of a building inspection

Heat exchanger: • Not visible

Not included as part of a building inspection: • Interiors of vent systems, flues, and chimneys • Heat/energy recovery

systems

## Recommendations

#### **GAS FURNACE \ Mechanical air filter**

7. Condition: • Installed backwards

Implication(s): Increased heating costs | Reduced comfort

Location: Cold air return

Task: Replace

Time: Regular maintenance Cost: Regular maintenance item 159 Bowen Drive, Peterborough, ON April 11, 2023 www.countyhomeinspection.ca

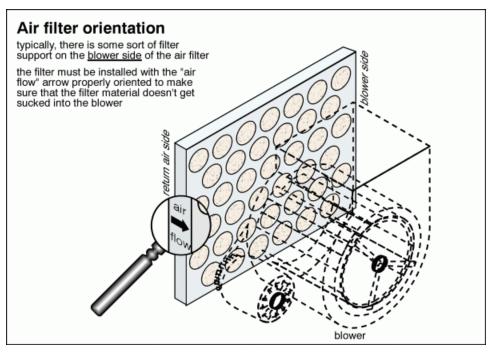
SUMMARY

ROOFING

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13. Installed backwards

## **HEAT RECOVERY VENTILATOR \ Heat exchanger cores**

8. Condition: • Clean core - regular maintenance Implication(s): Reduced opperability & comfort

Location: Unit interior

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SUMMARY

ROOFING

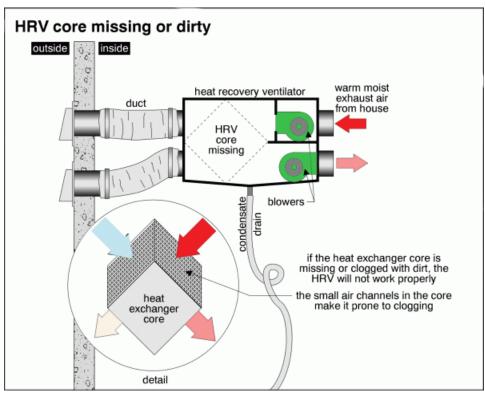
STRUCTURE ELECTRICAL

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Task: Clean

Time: Regular maintenance Cost: Regular maintenance item





14. Clean core - regular maintenance

#### **HEAT RECOVERY VENTILATOR \ Filters**

9. Condition: • Clean filters - regular maintenance Implication(s): Reduced opperability & comfort

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SUMMARY

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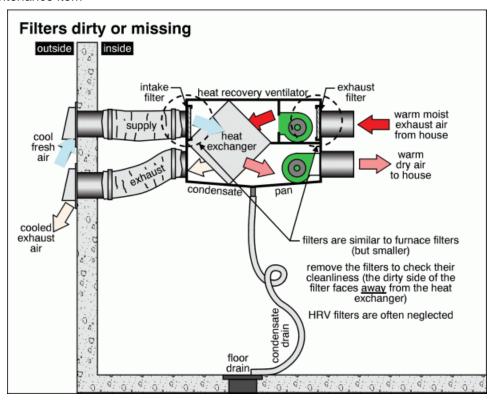
INTERIOR

REFERENCE

Location: Unit interior

Task: Clean

**Time**: Regular maintenance **Cost**: Regular maintenance item





15. Clean filters - regular maintenance

SUMMARY

ROOFING

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STRUCTURE ELECTRICAL

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# Description

#### Air conditioning type:

· Air cooled



16. Air cooled

#### Manufacturer:

Keeprite

Model number: N4A324AKB200 Serial number: E102722208

Cooling capacity: • 24,000 BTU/hr • 2 Tons

Compressor type: • Electric

Compressor approximate age: • 13 years Typical life expectancy: • 12 to 15 years

Failure probability: • Medium

Evaporative cooler damper location: • Right side of building

Refrigerant type: • R-410A

Condensate system: • Discharges through floor slab

## Limitations

Inspection limited/prevented by: • Low outdoor temperature

Not part of a home inspection: • Home inspectors cannot typically access or inspect the indoor coil • Home inspectors do not verify that the size of the indoor coil matches the outdoor coil

# **COOLING & HEAT PUMP**

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www.countyhomeinspection.ca 159 Bowen Drive, Peterborough, ON April 11, 2023

SUMMARY EXTERIOR STRUCTURE ELECTRICAL ROOFING

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# Recommendations

#### **AIR CONDITIONING \ Life expectancy**

**10. Condition:** • Near end of life expectancy

Implication(s): Equipment failure | Reduced comfort

**Location**: Exterior condenser

Task: Monitor Time: Ongoing

SUMMARY

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# Description

#### Attic/roof insulation material:

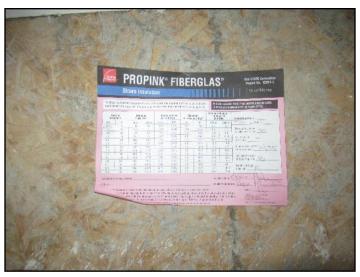
· Glass fiber



17. Glass fiber

#### Attic/roof insulation amount/value:

• R-40



**18.** *R-40* 

• 15 inches

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**19.** 15 inches

Attic/roof air/vapor barrier: • Plastic

Attic/roof ventilation: • Roof and soffit vents Wall insulation material: • Not determined

Wall insulation amount/value: • Not determined

Wall air/vapor barrier: • Not determined

Foundation wall insulation material: • Glass fiber Foundation wall insulation amount/value: • R-12

Foundation wall air/vapor barrier: • Plastic

### Limitations

Inspection limited/prevented by lack of access to: • Basement walls were spot checked only

Attic inspection performed: • From access hatch

Roof space inspection performed: • From access hatch Roof ventilation system performance: • Not evaluated

Air/vapor barrier system: • Continuity not verified

159 Bowen Drive, Peterborough, ON April 11, 2023 SUMMARY ROOFING

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## Recommendations

#### **ATTIC/ROOF \ Insulation**

11. Condition: • Amount less than current standards

Although being below current standards is not a deficiency, the home may benefit from an increased level of insulation.

Implication(s): Increased heating and cooling costs

Location: Attic Task: Upgrade Time: Discretionary

Cost: Minor

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SUMMARY

ROOFING

STRUCTURE ELECTRICAL

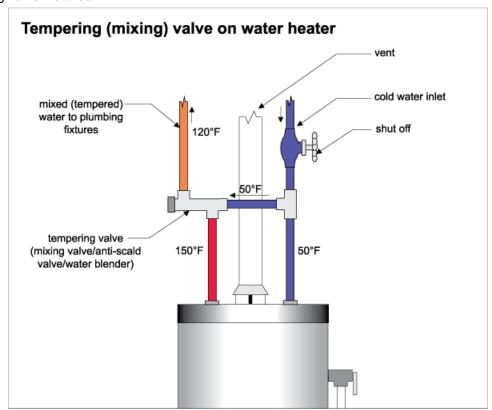
PLUMBING

# Description

#### General:

REFERENCE

• Tempering/mixing valve installed



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SUMMARY

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20. Tempering/mixing valve installed

Water supply source (based on observed evidence): • Public

Service piping into building: • Plastic

**Supply piping in building:** • Copper • PEX (cross-linked Polyethylene)

Main water shut off valve at the:

• Utility room

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SUMMARY

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21. Main water shut off

Water flow and pressure: • Typical for neighborhood

Water heater type: • Rental

Water heater location: • Utility room Water heater fuel/energy source:

• Gas

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SUMMARY

ROOFING

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REFERENCE



**22.** Gas

Water heater exhaust venting method: • Direct vent • Induced draft

#### Water heater manufacturer:

• GSW

Model number: 6G50NVH-ES-02 Serial number: S0949 F705487

Water heater tank capacity: • 189 liters

Water heater approximate age: • 14 years

Water heater typical life expectancy: • 12 -15 years

Water heater failure probability: • High

Waste disposal system: • Public

Waste and vent piping in building: • ABS plastic

## Pumps:

· Sump pump

PLUMBING Report No. 4253

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SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR

REFERENCE



23. Sump pump

Floor drain location: • Near heating system

Gas piping material: • Steel

#### Main gas shut off valve location:

• Utility room



24. Main fuelm shut off

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PLUMBING Report No. 4253

STRUCTURE ELECTRICAL

159 Bowen Drive, Peterborough, ON April 11, 2023

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PLUMBING

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ROOFING

Backwater valve: • None noted

Exterior hose bibb (outdoor faucet): • Present

## Limitations

Inspection limited/prevented by: • Storage

Fixtures not tested/not in service: • Exterior hose bibb • Hot tub

Items excluded from a building inspection: • Isolating/relief valves & main shut-off valve • Concealed plumbing •

Performance of floor drains

Not included as part of a building inspection: • Washing machine connections

## Recommendations

## WATER HEATER \ Life expectancy

12. Condition: • Near end of life expectancy

Implication(s): No hot water

Location: Utility room

**Task**: Monitor **Time**: Ongoing

INTERIOR Report No. 4253

159 Bowen Drive, Peterborough, ON April 11, 2023

SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR

REFERENCE

# **Description**

Major floor finishes: • Carpet • Hardwood • Laminate • Ceramic

**Major wall finishes:** • Plaster/drywall **Major ceiling finishes:** • Plaster/drywall

Windows: • Fixed • Single/double hung • Sliders • Casement • Vinyl

Glazing: • Double

Exterior doors - type/material: • Hinged • Sliding glass

Doors: • Inspected

Oven type: • Conventional

Oven fuel: • Electricity

Range fuel: • Electricity

Appliances: • Refrigerator • Range hood • Dishwasher

Laundry facilities: • Washer • Hot/cold water supply • Dryer • Vented to outside • 120-Volt outlet • 240-Volt outlet •

Waste standpipe

Kitchen ventilation: • Range hood - recirculating type

**Bathroom ventilation:** • Window • Heat Recovery Ventilator **Laundry room ventilation:** • Clothes dryer vented to exterior

Counters and cabinets: • Inspected

Stairs and railings: • Inspected

#### Limitations

Inspection limited/prevented by: • Storage/furnishings

Not tested/not in service: • Range • Oven • Dishwasher

Not included as part of a building inspection: • Perimeter drainage tile around foundation, if any

Cosmetics: • No comment offered on cosmetic finishes

**Appliances:** • Appliances are not inspected as part of a building inspection

Percent of foundation not visible: • 85 %

#### Recommendations

#### **RECOMMENDATIONS \ Overview**

**13. Condition:** • No interior recommendations are offered as a result of this inspection.

#### **END OF REPORT**

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## REFERENCE LIBRARY

Report No. 4253

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SUMMARY

ROOFING

STRUCTURE ELECTRICAL

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#### REFERENCE

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