

296 Douglas Dr Toronto, ON M4W 2C2



PREPARED FOR: MICHELLE PHILLIPS

INSPECTION DATE: Thursday, June 2, 2022

PREPARED BY: Walter Collodel, P.Eng.



Carson, Dunlop & Associates Ltd. 120 Carlton Street, Suite 407 Toronto, ON M5A 4K2

416-964-9415

www.carsondunlop.com inspection@carsondunlop.com

Excellence in home inspection



June 6, 2022

Dear Michelle Phillips,

RE: Report No. 81792, v.2 296 Douglas Dr Toronto, ON M4W 2C2

Thank you for choosing us to perform your home inspection. We hope the experience met your expectations.

The enclosed report includes an Overview tab which summarizes key findings, and the report body. The Good Advice tab provides helpful tips for looking after your home; the Reference tab includes a 500-page Reference Library; and the Appendix tab includes valuable added benefits. You can navigate by clicking the tabs at the top of each page.

To the prospective buyer: We strongly recommend a Buyer's Review of the home to help you understand the inspection report and protect your investment. The Review includes a phone conversation with the inspector giving you the opportunity to ask questions and discuss the information in the report, and ensures that you can take advantage of the special offers listed in the appendix, most of which are free. You also receive free technical support for as long as you own your home. The Buyer's Review fee is \$149.

Thanks again for choosing Carson Dunlop.

Sincerely,

Walter Collodel, P.Eng. on behalf of Carson, Dunlop & Associates Ltd.

> Carson, Dunlop & Associates Ltd. 120 Carlton Street, Suite 407 Toronto, ON M5A 4K2 416-964-9415 www.carsondunlop.com inspection@carsondunlop.com

OVER	Report No.	81792, v.2							
296 Douglas Dr, Toronto, ON June 2, 2022 www.carsondunk								ndunlop.com	
OVERVIEW	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
OUR ADVICE	APPENDIX	REFERENCE							

Note: For the purpose of this report the building is considered to be facing South.

This Overview lists some of the significant report items if any were identified. Please read the entire report before making any decisions about the home; do not rely solely on the Overview.

FOR THE BUYER

There are two elements to a home inspection - the inspection itself and the report. This report is helpful, but the inspection is equally important. You need both elements to make an informed decision. Call us at 416-964-9415 to book a Buyers Review with the inspector over the phone, or engage your own inspector. Our fee is \$149. Without a Buyers 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 few reasons, such as furniture and storage that has been removed, changes to the property conditions, etc. Therefore, we suggest you allow roughly 1% of the value of the home annually for maintenance and repair.

Cooling & Heat Pump

AIR CONDITIONING \ Life expectancy

Condition: • Air conditioner near the end of typical life expectancy
The central AC unit is 17 years old. Continue to operate and service unit until replacement is required.
Task: Replace
Time: Unpredictable
Cost: \$3,000 - \$6,000

Plumbing

WATER HEATER \ Life expectancy Condition: • Near end of life expectancy Seller reports that the water heaters are rented- ask for details. Task: Replace Time: Unpredictable

Cost: \$1,000 - \$3,000 per unit (if purchased)

Here are a few thoughts to help you stay warm, safe and dry in your home.

All homes require regular maintenance and periodic updates. Maintenance programs help keep homes safe, comfortable and efficient. Roofs, furnaces and air conditioners for example, wear out and have to be replaced. Good maintenance extends the life of these house systems. Refer to Our Advice tab for more details regarding maintenance of your home.

Water is the biggest enemy of homes, whether from leaks through the roof, walls or foundation, or from plumbing inside the home. Preventative maintenance and quick response to water problems are important to minimize damage, costs

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and help prevent mould.

Environmental consultants can help with issues like mould, indoor air quality and asbestos. If you need help in these areas, we can connect you with professionals.

All recommendations in the report should be addressed by qualified specialists. Our ballpark costs and time frames are provided as a courtesy and should be confirmed with quotes from specialists. Minor costs in the report are typically under \$1,000.

END OF OVERVIEW

ROOFING

Report No. 81792, v.2



Description

General: • The roof covering is newer and in good condition.

Sloped roofing material:

<u>Asphalt shingles</u>



Asphalt shingles



Asphalt shingles

Flat roofing material:

<u>Modified bitumen membrane</u>



Asphalt shingles



Asphalt shingles

ROOFING 296 Douglas Dr, Toronto, ON June 2, 2022 www.carsondunlop.com overview ROOFING Exterior STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR OUR ADVICE APPENDIX REFERENCE REFERENCE Report No. 81792, v.2





Modified bitumen membrane

Observations and Recommendations

SLOPED ROOFING \ General notes

Condition: • Complex roof layout creates numerous vulnerable areas

There area a lot of dormers and roof projections around the house that all have flashings around them to prevent water entry. Pay close attention to the flashings when roof maintenance is done.

Task: Monitor

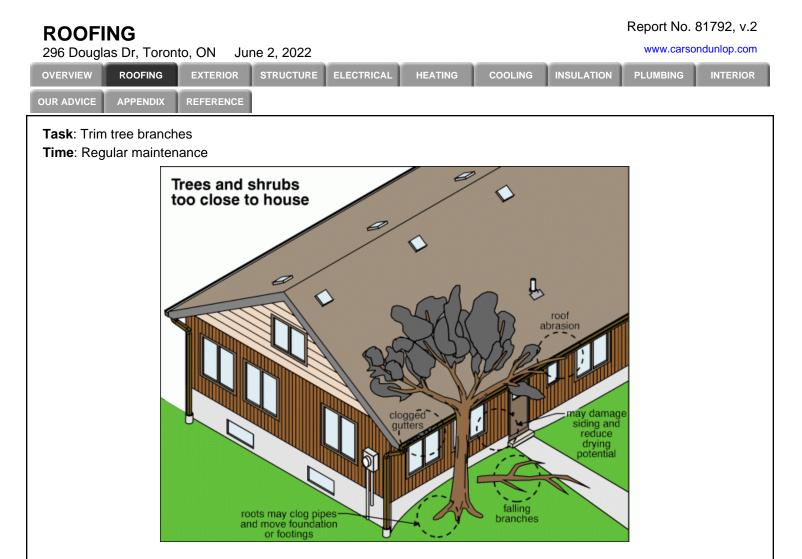
Time: Ongoing



Complex roof layout

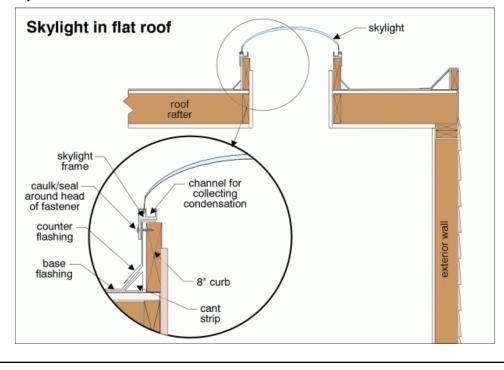
SLOPED ROOFING \ Asphalt shingles

Condition: • Tree branches touching roof **Location**: Garage



FLAT ROOF FLASHINGS \ Skylight

Condition: • Skylight(s) - vulnerable area for leaks. **Task**: Inspect Annually



ROOFING

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OVERVIEW	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
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Inspection Methods and Limitations

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

Inspection performed: • By walking on roof • From roof edge • With camera on extension pole

Age determined by:

Visual inspection from roof surface

The plumbing stack flashing was manufactured in 2016. The roof is presumed to be six years old.



Plumbing stack flashing (circled)



Flashing manufactured in 2016

Report No. 81792, v.2 296 Douglas Dr, Toronto, ON June 2, 2022 overview Roofing Exterior Structure Electrical Heating Cooling Insulation PLUMBING INTERIOR our advice Appendix REFERENCE Electrical Heating Cooling Insulation PLUMBING

Description

General: • The exterior has been well maintained and is in good condition. • Several components have been updated.

Observations and Recommendations

ROOF DRAINAGE \ Gutters

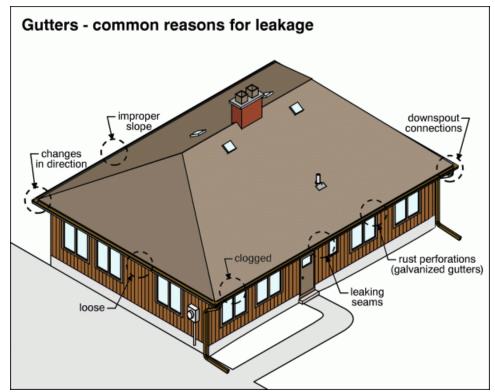
Condition: • <u>Clogged</u>

Moss build up ay flat roof drain should be removed regularly to ensure the roof can drain properly.

Location: Rear Roof

Task: Clean

Time: Regular maintenance



Report No. 81792, v.2 Report No. 81792, v.2 www.carsondunlop.com OVERVIEW ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR OUR ADVICE APPENDIX REFERENCE Image: Color of the structure o



Mossy build-up at edge of flat roof

Condition: • Damage Location: Second Floor Deck Task: Repair / Replace Time: As necessary



Moss at flat roof edge



Damaged (bent/sagging) gutter

ROOF DRAINAGE \ Downspouts

Condition: • Downspouts that discharge below grade may leak or be clogged, resulting in water in the basement or crawlspace.

Location: Various

Task: Re-direct downspouts to discharge above grade at least 6 feet from home.

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Discharge below grade (rear)

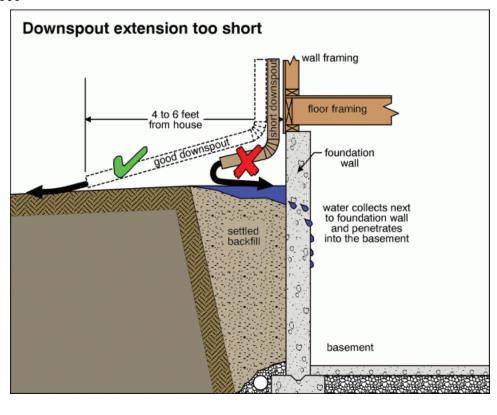


Discharge below grade (front)

Condition: • Discharge too close to building

Always transfer water as far away from the house as practical. However attention to erosion, tripping hazard, or creating a slippery ice surface should also be considered.

Location: Various Task: Improve Time: Less than 1 year Cost: Less than \$500



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OVERVIEW ROOFING	EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION	ON PLUMBING INTERIOR
OUR ADVICE APPENDI	X REFERENCE	
	Fisharge too close to building	

WALLS \ Soffits (underside of eaves) and fascia (front edge of eaves)

Condition: • Exposed wood

Unprotected wood was noted in some areas above the second floor balcony. General clean up is needed to ensure water/wind stays out.

Location: Various

Task: Improve

Time: Less than 1 year Cost: Minor

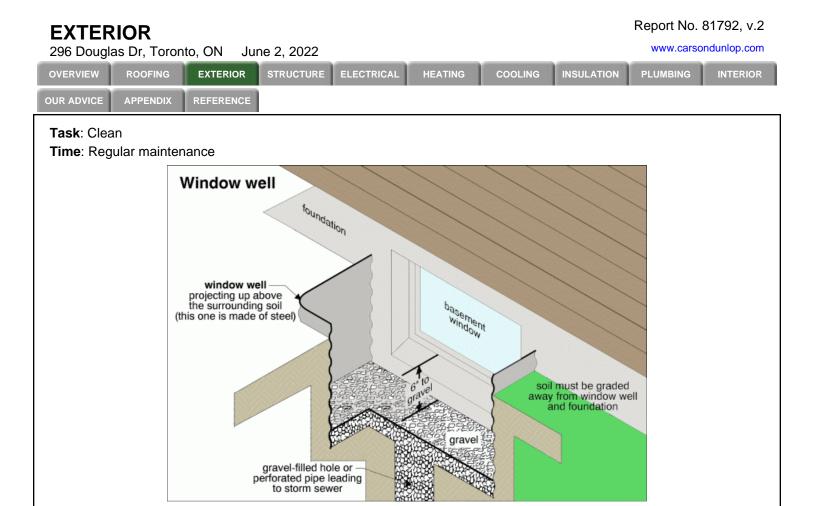


Exposed wood, gaps at second floor walkout

EXTERIOR \ Window wells Condition: • Clogged Location: West Exterior



Exposed wood at fascia



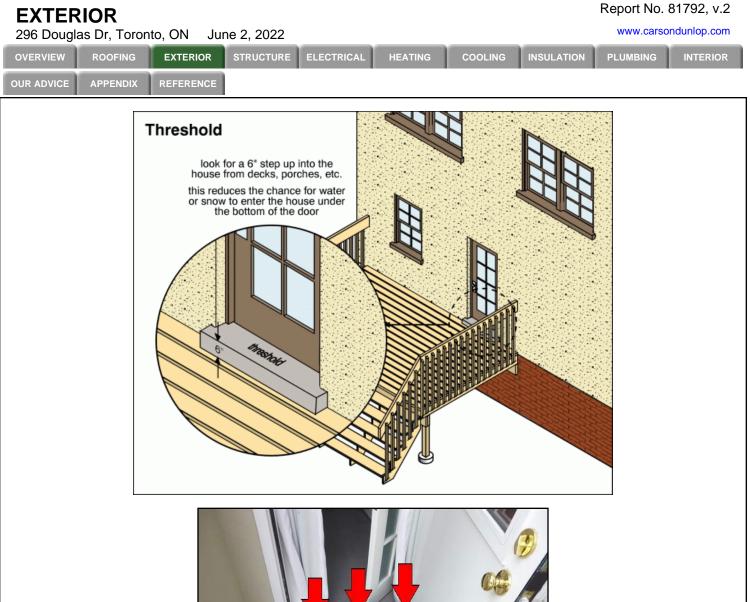
DOORS \ General notes

Condition: • Threshold - ineffective

There is only a minimal raised threshold at the rooftop deck walkout door, which makes this area vulnerable to water entry. Ensure that snow is fully cleared from in front of this door.

Location: Second Floor Walkout to Rooftop

Task: Monitor / Improve

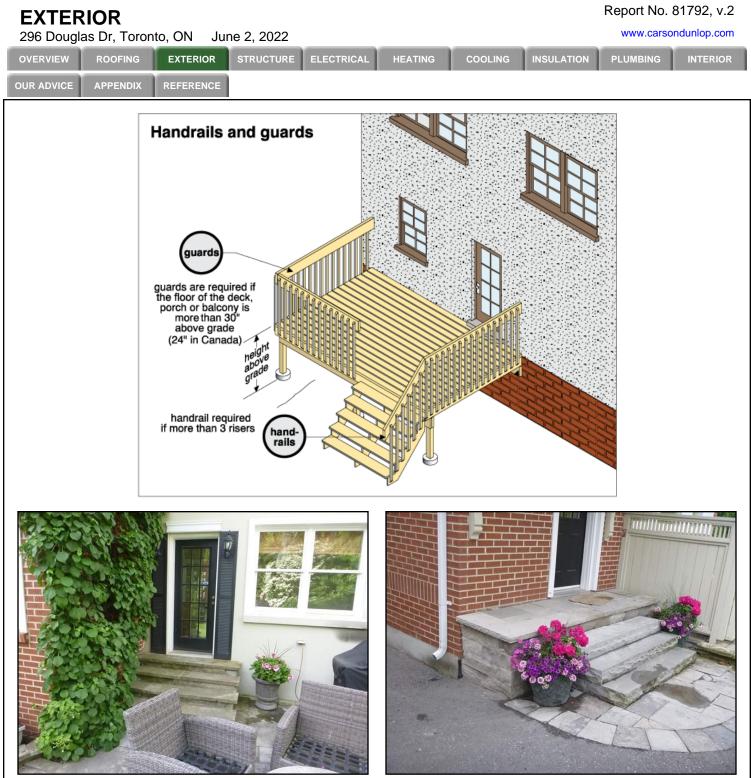




Threshold - minimal

PORCHES, DECKS, STAIRS, PATIOS AND BALCONIES \ Handrails and guards

Condition: • Missing railings Location: Rear Steps Task: Improve Time: As necessary



Missing railings

LANDSCAPING \ General notes

Condition: • Irrigation system noted

Care should be taken with buried irrigation piping. Ensure that sprinklers are set up so that they do not over-spray areas close to the exterior walls and that drainage in the watered areas is adequate. **Task**: Service annually

Missing railings

EXTERIOR Report No. 81792, v.2 296 Douglas Dr, Toronto, ON June 2, 2022 www.carsondunlop.com overview Roofing Exterior Structure Electrical Heating Cooling Insulation Plumbing Interior

LANDSCAPING \ Lot grading

APPENDIX

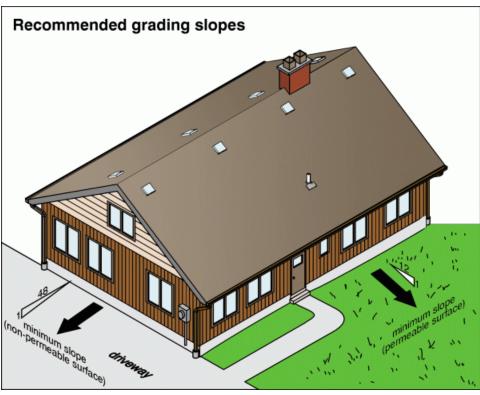
Condition: • Improper slope or drainage

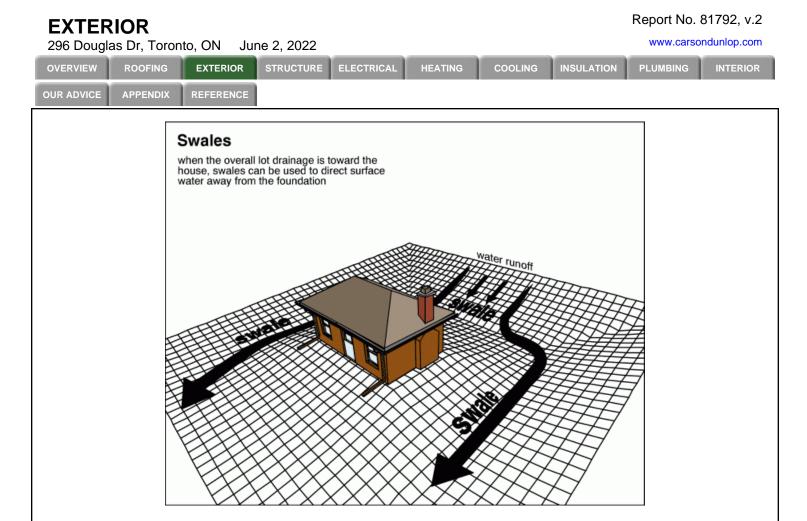
REFERENCE

Lot slopes from back to front. Some effort has been made to direct water around the house but this should be monitored particularly during heavy rains or during the thaw. Ensure that water always drains away from the building. **Task**: Monitor / Improve

Time: As necessary

OUR ADVICE





Condition: • Low Areas

There are low areas at the garage and between houses that may not drain effectively. Monitor these areas closely. Improvements may be needed to ensure water drains away properly.

Location: Various

Task: Monitor / Improve

Time: As necessary



Low area between houses



Low area- water drains towards garage

EXTERIOR

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Inspection Methods and Limitations

Inspection limited/prevented by: • New finishes/paint/trim • Storage • Storage in garage • Vines/shrubs/trees against wall • Inaccessible wall

Exterior inspected from: • Ground level

STRUCTURE

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PLUMBING

INSULATION

ROOFING STRUCTURE ELECTRICAL

OUR ADVICE APPENDIX REFERENCE

Description

General: • The structure has performed well, with no evidence of significant movement.

Configuration:

Basement

Foundation material: • Masonry block • Brick • Not visible in areas

Floor construction: • Joists

Exterior wall construction: • Wood frame / Brick veneer • Masonry

Roof and ceiling framing: • Not visible

Observations and Recommendations

RECOMMENDATIONS \ General

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

Inspection Methods and Limitations

Attic/roof space: • No access • Flat roof space - no access • Cathedral roof - no access

Knee wall areas: • No access

ELECTRICAL

Report No. 81792, v.2

296 Douglas Dr, Toronto, ON June 2, 2022

www.carsondunlop.com ROOFING STRUCTURE COOLING INSULATION PLUMBING

OUR ADVICE APPENDIX REFERENCE

Description

General: • The electrical system has been substantially updated.

Service size: • 200 Amps (240 Volts)

Main disconnect/service box type and location: • Breakers

Distribution panel type and location:

• Breakers - basement



Breakers - basement

Distribution wire (conductor) material and type: • Copper - non-metallic sheathed • Copper - metallic sheathed Circuit interrupters: Ground Fault (GFCI) & Arc Fault (AFCI): • GFCIs present • No AFCI

Observations and Recommendations

RECOMMENDATIONS \ General

Condition: • All electrical recommendations are safety issues. Treat them as high priority items, and consider the Time frame as Immediate, unless otherwise noted.

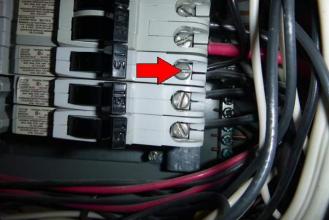
SERVICE DROP AND SERVICE ENTRANCE \ Service drop

Condition: • Branches / vines interfering with wires Location: Front Exterior Task: Improve Time: Regular maintenance

SERVICE BOX, GROUNDING AND PANEL \ Panel wires

Condition: • Double taps Four double taps were noted at the panel. General clean up is needed. Task: Correct Cost: Minor

Report No. 81792, v.2 **ELECTRICAL** www.carsondunlop.com 296 Douglas Dr, Toronto, ON June 2, 2022 ROOFING APPENDIX REFERENCE Double tapping (double lugging) to ground main breaker service conductors Ø ର ତତ ଚତ ଚତ ଚତ ଚତ ଚତ ଚତ ଚତ neutral bus bar 120 volt circuits 000000000 neutral wire double tap - two wires (black) attached to a single fuse or breaker bus bars-Ø grounding terminal 120 17 K. R 1



Double taps

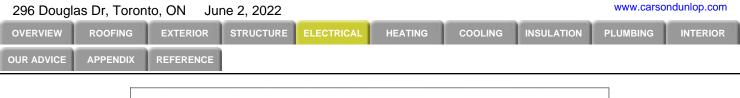
Condition: • Wire crossing bus connections Task: Correct Cost: Minor

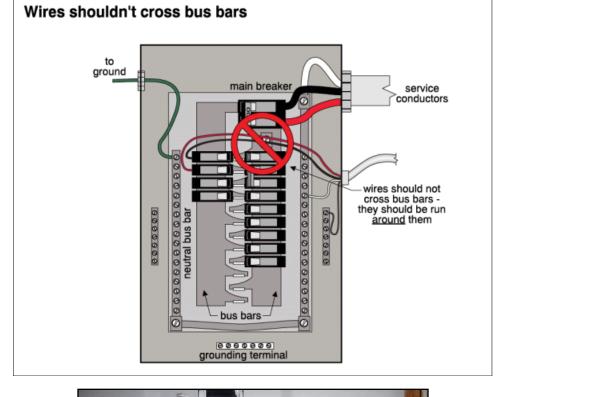


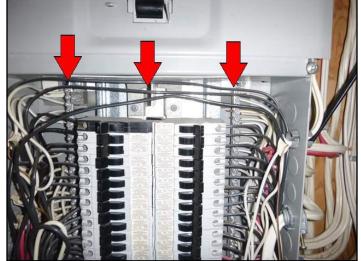
ELECTRICAL

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Wires crossing bus connections

DISTRIBUTION SYSTEM \ Knob-and-tube wiring (wires)

Condition: • Some remnants of knob-and-tube wiring found but appeared to be inactive. There is a possibility that there is active knob-and-tube in the home which maybe discovered in the future and/or during a renovation. Typical of many renovated homes, some abandoned knob and tube components were noted in the basement. No energized or active knob and tube wiring was found at the inspection. It is presumed that the knob and tube was removed/disconnected when renovations were done but this could not be confirmed.

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Task: Replace (if found active) when remodeling. In the short term, ground fault circuit interrupters (GFCIs) are an inexpensive way to help protect against electric shocks. Further evaluation.

Cost: Typically \$1,000 to \$2,000 per room to replace. Note: Additional costs may be incurred for other electrical improvements and cosmetic repairs. In the short term, GFCI protection typically costs \$100-\$200 per circuit.





Remnants of knob-and-tube wiring

Remnants of knob-and-tube wiring

DISTRIBUTION SYSTEM \ Outlets (receptacles)

Condition: • Test faulty on GFCI/GFI (Ground Fault Circuit Interrupter)

Light and/or fan circuits at all bathrooms have been wired through the GFI outlets so if the GFI trips, everything turns off. This may become a nuisance if the GFI trips often or becomes faulty. Location: Various Bathroom Task: Correct Time: If/as desired

DISTRIBUTION SYSTEM \ Lights

Condition: • Exposed to mechanical damage (No cage or protective lens). Provide covers as necessary at any exposed bulbs to prevent damage. Location: Second floor bedroom closet Task: Protect Time: As soon as practical Cost: Minor

ELECTRICAL 296 Douglas Dr, Toronto, ON June 2, 2022 overview ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION OUR ADVICE APPENDIX REFERENCE Insulation Insulation	Report No. 81792, v.2 www.carsondunlop.com PLUMBING INTERIOR
Exposed bulb above closet door	
Inspection Methods and Limitations	
Inspection limited/prevented by: • Main disconnect cover not removed - unsafe to do so.	
Powered by Knowledge	Page 22 of 62

HEATING 296 Douglas Dr, Toronto, ON	June 2, 2022	Report No. 81792, v.2 www.carsondunlop.com
	RIOR STRUCTURE ELECTRICAL HEATING COOLING	INSULATION PLUMBING INTERIOR
OUR ADVICE APPENDIX REFER	RENCE	
Description		
Heating system type: • Furnace	<image/> <image/>	
Fuel/energy source: • Gas		

Heat distribution: • <u>Ducts and registers</u>

Approximate capacity: • 115,000 BTU/hr.

Efficiency: • <u>High-efficiency</u>

Exhaust venting method: • Forced draft

Approximate age: • <u>12 years</u>

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

Auxiliary heat:

Electric baseboard heater

HEATING							Report No. 8	31792, v.2
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	Elec	tric baseboal	rd heater					

• Radiant floor heating (electric)

Fireplace/stove: • <u>Wood-burning fireplace</u> • <u>Gas fireplace</u> • Electric fireplace

Chimney/vent:

Masonry





Mechanical ventilation system for building: • None



Masonry

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296 Douglas Dr, Toronto, ON June 2, 2022

HEATING

COOLING INSULATION

OVERVIEW ROOFING

APPENDIX REFERENCE

Observations and Recommendations

RECOMMENDATIONS \ General

Condition: • It is common to feel the airflow stronger at some registers, depending on the length of the ductwork and the number of turns required to get there. Different preferences and seasons often necessitate different setups (balancing). A service agreement that covers parts and labour (for heating and cooling equipment) is typically advised.

STRUCTURE ELECTRICAL

Location: Throughout

Task: Monitor / improve

FURNACE \ Cabinet

Condition: • Rust

There is a rust stain under the condensate collection area but no evidence of an active condensate leak. Have this checked out when the furnace is serviced.

Task: Further evaluation / Repair



Rust in furnace cabinet

FURNACE \ Ducts, registers and grilles

Condition: • No heat source There is no heat supply in this room. Add electric heat if there is a comfort issue. Location: Basement Powder Room Task: Correct Time: If necessary

Condition: • Obstructed

Registers have been intentionally obstructed with cardboard at some locations in the basement. Location: Basement Task: Correct Time: As necessary

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OUR ADVICE APPENDIX REFERENCE					

Obstructed (blocked with cardboard)

CHIMNEY AND VENT \ Masonry chimney cap (crown)

Condition: • <u>Screen missing or damaged</u> Provide screens at chimney flues to keep animals out. Location: Various Task: Provide Time: Less than 1 year Cost: Minor





Screen missing

Screen missing

FIREPLACE \ General notes

Condition: • Before you use the fireplace, it should be inspected, cleaned and improved if necessary by a WETT (Wood Energy Technology Transfer Inc.) certified technician **Task**: Inspect and sweep

HEATING

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Time: Before using

FIREPLACE \ Gas fireplace or gas logs

Condition: • Inoperative

Fireplace would not start up using normal controls. Ask seller to show it is functional.



Inoperative? controls not found

Condition: • A specialist should be engaged to inspect the gas fireplace prior to using the appliance. There are many manufacturers and many models of these units, with many different installation rules. We also recommend the gas fireplace be covered under a maintenance contract that includes regular service.

Task: Provide

Time: Before using

Inspection Methods and Limitations

Inspection prevented/limited by: • The performance of radiant floor heating is not determined during a home inspection.
 Inspection prevented/limited by: • Suitability of gas fireplace for use in a bedroom was not determined at the inspection.
 Warm weather: • Prevents testing heating effectiveness

COOLING & HEAT PUMP

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Description

Air conditioning type:

<u>Air cooled</u>

There is a central AC unit that works with the furnace to perform most of the cooling in the home.



Air cooled

• Ductless (Mini split) system

There is a ductless AC unit that provides cooling to the third floor



Ductless (Mini split) system- outdoor unit

Cooling capacity: • 12,000 BTU/hr • <u>36,000 BTU/hr</u> Compressor approximate age: • 6 years • 17 years Typical life expectancy: • 10 to 15 years



Ductless (Mini split) system- indoor unit

COOLING & HEAT PUMP

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ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUM

PLUMBING

OUR ADVICE APPENDIX

Observations and Recommendations

REFERENCE

AIR CONDITIONING \ Life expectancy

Condition: • Air conditioner near the end of typical life expectancy

The central AC unit is 17 years old. Continue to operate and service unit until replacement is required.

Task: Replace

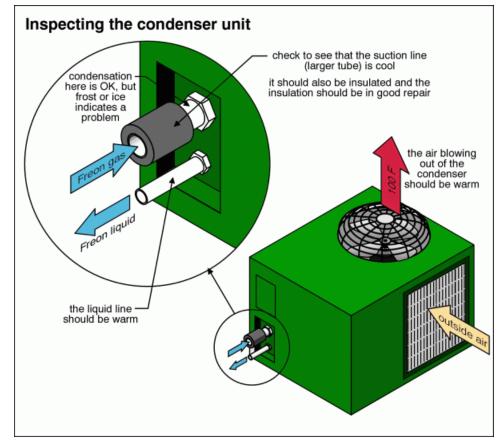
Time: Unpredictable **Cost**: \$3,000 - \$6,000

AIR CONDITIONING \ Air cooled condenser coil

Condition: • Dirty

Clean coil fins with garden hose pressure only. Location: Second Floor (rooftop unit) Task: Clean

Time: Less than 1 year



COOLING & HEAT PUMP

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Dirty condenser coil (rooftop unit)

INSULATION AND VENTILATION

296 Dougla	www.carsondunlop.com											
OVERVIEW	OVERVIEW ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION											
OUR ADVICE	APPENDIX	REFERENCE										
Description												
Attic/roof	insulation r	material: • N	lot visible									
Attic/roof	insulation a	amount/valu	e: • <u>Not visit</u>	<u>ole</u>								
Attic/roof	air/vapor ba	arrier: • <u>Not</u>	<u>visible</u>									

Observations and Recommendations

RECOMMENDATIONS \ General

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

Inspection Methods and Limitations

Inspection limited/prevented by lack of access to: • Roof space • Wall space • Floor space • Knee wall areas

Inspection limited/prevented by lack of access to: • Wall space - access not gained.

Roof ventilation system performance: • Not evaluated

PLUM	PLUMBING Report No. 81792, v.2												
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Description

General: • Several fixtures have been updated.

Service piping into building: • Copper

Supply piping in building: • Copper

Main water shut off valve at the:

· Front of the basement



Front of the basement

Water heater type:

<u>Conventional</u>

Tank

There are two water heaters in the basement. The are plumbed together to act as one big tank. Seller reports that the tanks are rented. Confirm details of the rental agreement with the seller.



Two water tanks in basement

PLUMBING

296 Douglas Dr, Toronto, ON June 2, 2022

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PLUMBING INTER

OUR ADVICE APPENDIX REFERENCE

Water heater fuel/energy source: • Gas

Water heater tank capacity:

ROOF

• 151 liters/40 US gallons

per tank

Water heater approximate age: • 12 years

Water heater typical life expectancy: • 10 to 15 years

Hot water circulating system: • None

Waste and vent piping in building: • Plastic • Not visible in some areas.

Pumps:
 None

Floor drain location: • Furnace area

Backwater valve: • None noted

Observations and Recommendations

RECOMMENDATIONS \ General

Condition: • Many plumbing fixtures may be expected to last 15 years or more, although faucets are often replaced every 10 years.

WATER HEATER \ General notes

Condition: • Mixing/tempering valve - not present *Recommended to reduce risk of scalding Hot water was very hot at the inspection. Adjust the thermostats at both tanks or install a mixing valve. Task: Provide Time: If necessary Cost: Minor



Thermostat set to maximum (typ.)

PLUMBING

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WATER HEATER \ Life expectancy

Condition: • Near end of life expectancy

Seller reports that the water heaters are rented- ask for details.

Task: Replace

Time: Unpredictable

Cost: \$1,000 - \$3,000 per unit (if purchased)

WASTE PLUMBING \ Drain piping - performance

Condition: • The main sewer line to the street cannot be inspected during a home inspection. A video scan dramatically reduces the risk of expensive and unhealthy sewer back-ups. Our partner, AtlasCare, provides this \$350 service for only \$300 for all Carson Dunlop clients.

Task: Provide after possession of the home.

Cost: \$300

WASTE PLUMBING \ Venting system

Condition: • <u>Vent termination problems</u>

Plumbing stack is too short and can be easily obstructed by snow and ice. Extension of the stack is recommended. **Location**: Upper Flat Roof

Task: Improve

Time: If/as necessary

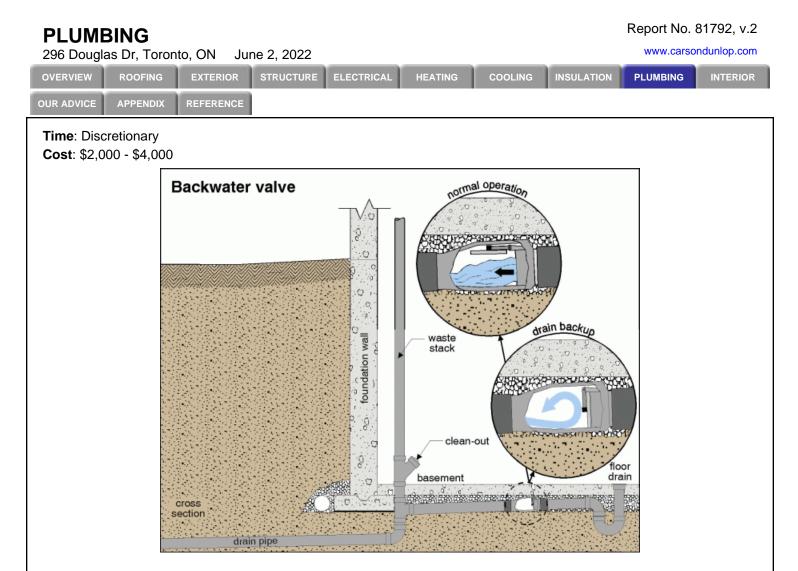


Stack too short?

WASTE PLUMBING \ Backwater valve

Condition: • None noted

Adding a backwater valve to the main drain line is an improvement you may consider to help protect your home against sewer backups. Some municipalities provide rebates or financial assistance for installing these devices. Some insurance companies offer premium discounts or other benefits for homeowners with backwater valves. The cost is typically \$2,000 to \$4,000, with \$2,500 being a common number. Once installed, they should be inspected twice annually. **Location**: Basement **Task**: Provide



FIXTURES AND FAUCETS \ Faucet

Condition: • Shower head damaged Shower nozzles were clogged spray was erratic. General clean up is needed. Location: Master Bathroom Task: Clean Time: Less than 1 year Cost: Minor

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OVERVIEW ROOFING	EXTERIOR STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
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	Shower head clog	agged					

Inspection Methods and Limitations

Fixtures not tested/not in service: • Sauna

Items excluded from a building inspection: • Tub/sink overflows

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INTERIOR

INTERIOR		
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PLUMBING

INSULATION

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Description

General: • Interior finishes are in good repair overall. • Interior finishes are high quality for the most part. • The newer windows help improve comfort and energy efficiency.

Observations and Recommendations

RECOMMENDATIONS \ General

Condition: • Walls, ceilings and floors show the typical flaws of a home this age.

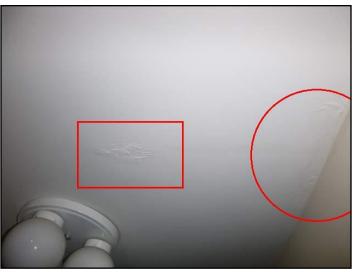
STRUCTURE ELECTRICAL

CEILINGS \ General notes

Condition: • Water damage

Suspect a prior leak at the kitchen above. This area was completely dry at the inspection. The issue appears to have been resolved.

Location: Second Floor Closet



Water damage- dry at inspection

WALLS \ General notes

Condition: • Water stains Dry at inspection. Ensure the shower door closes and seals properly when used. **Location**: Basement Bathroom

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Water stains at basement shower entrance

WINDOWS \ General notes

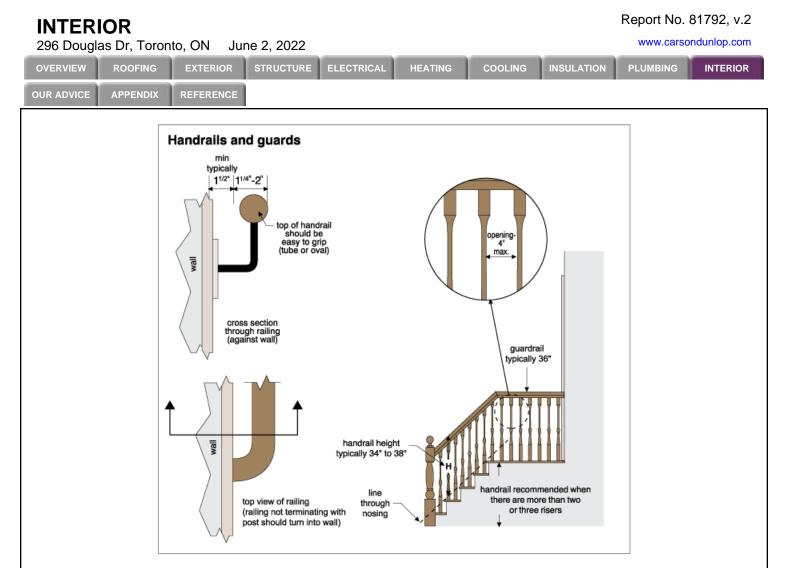
Condition: • Difficult to operate Location: Rear First Floor Task: Improve Time: As necessary

WINDOWS \ Storms and screens

Condition: • <u>Missing</u> Most of the screens have been removed. Task: Provide Time: If/as necessary

STAIRS \ Handrails and guards

Condition: • Missing Open side at stairwell may be a fall hazard for small children. Location: Basement Staircase Task: Improve Time: If/as necessary



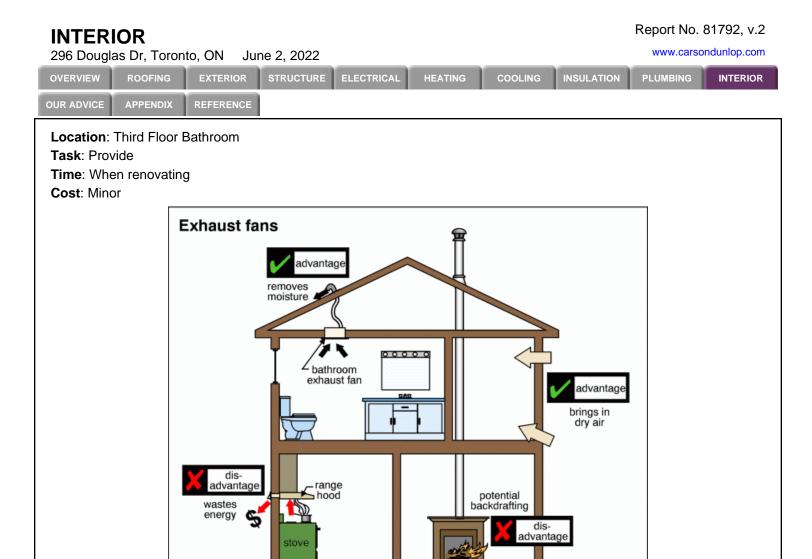


Missing side guard at basement stairs

EXHAUST FANS \ General notes

Condition: • Missing

Bathroom only has effective ventilation if a window is opened but this will not likely be done in winter months. Installation of an exhaust fan is recommended.



BASEMENT \ Leakage

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 ourconsultation, 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 Interior section of the Home Reference Book before taking any action. You can find this in the Reference tab at the end of the report.

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

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 \$300 to \$600 per crack or hole.)

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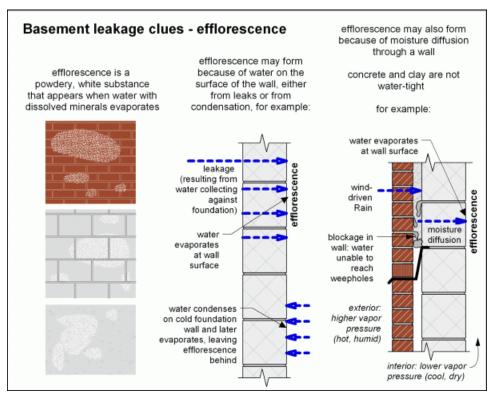
4. As a last resort, dampproof the exterior of the foundation, provide a drainage membrane and add/repair perimeter drainage tile. (High cost)

BASEMENT \ Wet basement - evidence

Condition: • Efflorescence

There is a small amount of efflorescence on the furnace room (west basement wall). A small amount of efflorescence is very common in houses with basements of this vintage.

Task: Monitor





Efflorescence

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INTERIOR

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BASEMENT \ Wet basements - corrective action noted

Condition:
• <u>New dampproofing material</u>

Interior and exterior waterproofing membranes were noted in the home. Ask seller for details regarding any waterproofing work done on the home.

Task: Request Information



Exterior damp proofing material (west side)

Interior damp proofing membrane (front)

Inspection Methods and Limitations

Inspection limited/prevented by: • Storage/furnishings • New finishes/paint • Storage in closets and cabinets / cupboards • Limited access to cabinets and closets

Percent of foundation not visible: • 99 %

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OUR ADVICE FOR LOOKING AFTER YOUR HOME: • Home maintenance is an important responsibility. It protects your investment, extends life expectancy and helps avoid significant expenses. This document is an integral part of the report, and will help you avoid many common problems and reduce costs.

Priority Maintenance and Home Set-Up: • The Home Set-Up and Maintenance chapter in the Home Reference Book provides important information regarding things that are done once when moving in, as well as regular maintenance activities.

Please be sure to follow these maintenance guidelines. The Home Reference Book is included under the REFERENCE tab in this report.

Basement/Crawlspace Leakage: • Basement water leakage is the most common problem with homes. Almost every basement and crawlspace leaks under the right conditions. Good maintenance of exterior grading, gutters and downspouts is critically important.

For more details, please refer to Section 10 of the Interior chapter of the Home Reference Book, which is in the REFERENCE tab in this report.

Roof - Annual Maintenance: • It is important to set up an annual inspection and tune-up program to minimize the risk of leakage and maximize the life of the roof. Roof leaks may occur at any time and are most often at penetrations or changes in material. A leak does not necessarily mean the roof needs to be replaced.

Roof coverings are disposable and have to be replaced from time to time. Asphalt shingles, for example, last roughly 15 years. • Roof coverings are disposable and have to be replaced from time to time. Asphalt shingles, for example, last roughly 15 years.

Exterior - Annual Maintenance: • Annual inspection of the exterior is important to ensure weather-tightness and durability of exterior components. Grading around the home should slope to drain water away from the foundation to help keep the basement dry.

Painting and caulking should be well maintained. Particular attention should be paid to horizontal surfaces where water may collect.

Joints, intersections, penetrations and other places where water may enter the building assembly should be checked and maintained regularly.

Garage Door Operators: • The auto reverse mechanism on your garage door opener should be tested monthly. The door should also reverse when it meets reasonable resistance, or if the 'photo eye' beam is broken.

Electrical System - Label the Panel: • Each circuit in the electrical panel should be labelled to indicate what it controls. This improves both safety and convenience. Where the panel is already labelled, the labelling should be verified as correct. Do not rely on existing labeling.

Ground Fault Circuit Interrupters and Arc Fault Circuit Interrupters: • These should be tested monthly using the test buttons on the receptacles or on the breakers in the electrical panel.

Heating and Cooling System - Annual Maintenance: • Set up an annual maintenance agreement that covers parts and labour for all heating and cooling equipment. This includes gas fireplaces and heaters, as well as furnaces, boilers and air conditioners. Include humidifiers and electronic air cleaners in the service agreement. Arrange the first visit as soon

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as possible after taking possession.

Check filters for furnaces and air conditioners monthly and change or clean as needed. Duct systems have to be balanced to maximize comfort and efficiency, and to minimize operating costs. Adjust the balancing for heating and cooling seasons, respectively.

For hot water systems, balancing should be done by a specialist to due to the risk of leakage at radiator valves. These valves are not operated during a home inspection. • Check filters for furnaces and air conditioners monthly and change or clean as needed. Duct systems have to be balanced to maximize comfort and efficiency, and to minimize operating costs. Adjust the balancing for heating and cooling seasons, respectively. • For hot water systems, balancing should be done by a specialist to due to the risk of leakage at radiator valves. These valves are not operated during a home inspection.

Bathtub and Shower Maintenance: • Caulking and grout in bathtubs and showers should be checked every 6 months, and improved as necessary to prevent leakage and water damage behind walls and below floors.

Water Heaters: • All water heaters should be flushed by a specialist every year to maximize performance and life expectancy. This is even more critical on tankless water heaters.

Washing Machine Hoses: • We suggest braided steel hoses rather than rubber hoses for connecting washing machines to supply piping in the home. A ruptured hose can result in serious water damage in a short time, especially if the laundry area is in or above a finished part of the home.

Clothes Dryer Vents: • We recommend that vents for clothes dryers discharge outside the home. The vent material should be smooth walled (not corrugated) metal, and the run should be as short and straight as practical. This reduces energy consumption and cost, as well as drying time for clothes. It also minimizes the risk of a lint fire inside the vent.

Lint filters in the dryer should be cleaned every time the dryer is used. There is a secondary lint trap in many condominiums. These should be cleaned regularly. There may also a duct fan controlled by a wall switch. The fan should be ON whenever the dryer is used.

Dryer ducts should be inspected annually and cleaned as necessary to help reduce the risk of a fire, improve energy efficiency and reduce drying times.

Fireplace and Wood Stove Maintenance: • Wood burning appliances and chimneys should be inspected and cleaned before you use them, and annually thereafter. We recommend that specialists with a WETT (Wood Energy Technology Transfer, Inc.) designation perform this work. Many insurance companies require a WETT inspection for a property with a wood burning device.

Smoke and Carbon Monoxide (CO) Detectors/Alarms: • Smoke detectors are required at every floor level of every home, including basements and crawlspaces. Even if these are present when you move into the home, we recommend replacing the detectors. We strongly recommend photoelectric smoke detectors rather than ionization type detectors. Carbon monoxide detectors should be provided adjacent to all sleeping areas.

These devices are not tested during a home inspection. Detectors should be tested every 6 months, and replaced every 10 years. Batteries for smoke and carbon monoxide detectors should be replaced annually. If unsure of the age of a smoke detector, it should be replaced.

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Backwater Valve: • A backwater valve protects your home from a backup of the municipal sewer system. The valve may be equipped with an alarm to notify you of a backup. Please note: if the valve is closed due to a municipal sewer backup, you cannot use the plumbing fixtures in the home. The waste water is unable to leave the building and will back up through floor drains and the lowest plumbing fixtures. • The valve should be inspected and cleaned as necessary at least twice a year.

Sump Pump: • A sump pump collects storm water below the basement floor and discharges it safely to the exterior to prevent flooding. The discharge point should be at least 6 feet (2 m) away from the home. Best installations include backup power for the sump pump, so it will work in the event of a power outage. A high water alarm in the sump pump will notify you if the pump fails. Some installations include a backup pump.

The sump and pump should be inspected and tested four times a year.

For condominium owners: • Condominium owners - Maintenance and Repairs: There are two types of repairs that may be performed in a condo - repairs to an individual condo unit and repairs to common elements. Common elements are set out in the Condominium Declaration and will differ from one building to another. If repairs must be made inside your unit, you are responsible for making the repairs at your own expense. You are also responsible for the ongoing maintenance of your unit. The condominium corporation's board of directors is responsible for maintenance and repair of the common elements. Exclusive-use common elements, such as parking spaces or balconies are generally maintained by the condominium board.

Be Ready for Emergencies: Be sure you know where to shut off the water. Some condos have more than one shut off, and others need a special tool (key) to turn off water. Label each circuit on the electrical panel, and make sure you should know how to turn off the power. Keep a fire extinguisher suitable for grease fires near the kitchen.

Property Manager and Concierge/Security: Keep the contact information for these folks handy (perhaps on your phone) wherever you are. • Lint filters in the dryer should be cleaned every time the dryer is used. There is a secondary lint trap in many condominiums. These should be cleaned regularly. There may also a duct fan controlled by a wall switch. The fan should be ON whenever the dryer is used.

END OF REPORT

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As a Carson Dunlop client, you receive complimentary membership in the Carson Dunlop Homeowners Association. Don't forget to take advantage of all the savings you receive just for being a member.



Free Heating or Cooling Tune-Up from AtlasCare (\$200 value) Get a free safety inspection and tune-up on your home's heating or cooling systems courtesy of our partners at AtlasCare. Claim your \$200 value tune-up by calling **416-626-1785** and ask to speak to a customer service representative about the Carson Dunlop Promo. (Where available)



Save on Video Sewerscan from AtlasCare! Avoid expensive and unhealthy sewer back-ups! Get a video scan on your home's main sewer/drain line from our partners at AtlasCare. You cost is only \$300, a savings of \$50. Call AtlasCare at **416-626-1785** and ask to speak to a customer service representative about the Carson Dunlop Promo. (Where available)



Our gift to you - a **\$100 Jiffy gift card** to use on any Jiffy services. Jiffy connects homeowners to trusted Pros, delivering instant appointments at pre-set, fair rates. The Carson Dunlop team trusts Jiffy to take care of their own homes; that's why we are comfortable recommending Jiffy to you. We love not having to shop for reputable service providers. We also appreciate the speed, quality, and the pricing. You never have to worry about overpaying. To redeem your **\$100 gift card**, simply create an account

at <u>jiffyondemand.com</u> or on their <u>iOS</u> or <u>Android</u> app. Then enter your code - **CARSON91472** on your first booking. Or enter your code in your Jiffy Profile under credits. It's easy. (Where available)



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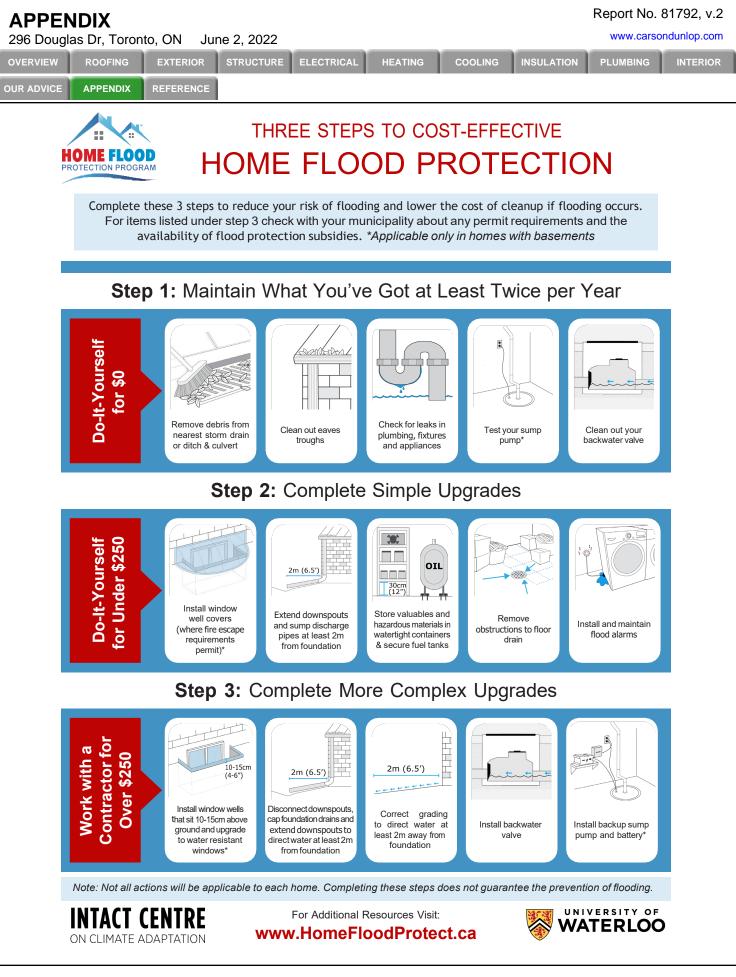
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<form> Determined by the provide your risk of basement flooding and reduce the cost of cleaning up after a flood. Remember to check with your municipality about the availability of basement flood protection subsidies. Check with your insurer about discounts for taking action to reduce flood risk. Image: Check with your insurer about discounts for taking action to reduce flood risk. Image: Check with your insurer about discounts for taking action to reduce flood risk. Image: Check with your insurer about discounts for taking action to reduce flood risk. Image: Check with your insurer about discounts for taking action to reduce flood risk. Image: Check with your insurer about discounts for taking action to reduce flood risk. Image: Check with your insurer about discounts for taking action to reduce flood risk. Image: Check with your insurer about discounts for taking action to reduce flood risk. Image: Check with your insurer about discounts for taking action to reduce flood risk. Image: Check with your insurer about discounts for taking action to reduce flood risk. Image: Check with your insurer about discounts for taking action to reduce flood risk. Image: Check with your insurer about discounts for taking action to reduce flood risk. Image: Check with your insurer about discounts for taking action to reduce flood risk. Image: Check with your insurer about discounts for taking action to reduce flood risk. Image: Check with your insurer about discounts for taking actinst reduce reduce flood risk.</form>	OUR ADVICE APPENDIX REFERENCE	
Remember to check with your municipality about the availability of basement flood protection subsidies. Check with your insurer about discounts for taking action to reduce flood risk. Image: Check with your insurer about discounts for taking action to reduce flood risk. Image: Check with your insurer about discounts for taking action to reduce flood risk. Image: Check with your insurer about discounts for taking action to reduce flood risk. Image: Check with your insurer about discounts for taking action to reduce flood risk. Image: Check with your insurer about discounts for taking action to reduce flood risk. Image: Check with your insurer about discounts for taking action to reduce flood risk. Image: Check with your insurer about discounts for taking action to reduce flood risk. Image: Check with about the availability of basement flood risk. Image: Check with about the availability of basement as quickly as Possible Image: Check with your insurer about discounts for taking action to remove Image: Check with your flood ration Image: Check with your with a plumber and get required permits) Image: Check with your your flood ration Image: Check with your your discounts to the basement flood ration Image: Check with your your gound and are sealed at the flood allow at backwater valve (work with a plumber and get required permits) Image: Check with your your gound power source Image	Basement Flood Protection Che	cklist
Series of the	Remember to check with your municipality about the availability of basement flood protection	
Remove debris from nearest storm drain Clean out eaves troughs Test sump pump(s) and backup power source Clean out backwater valve Maintain plumbing, appliances and fixtures Test flood alarms Correct grading to direct water at least 2m away from your foundation Extend downspouts and sump discharge pipes to direct water at least 2m away from your foundation or to the nearest drainage swale Install window well covers Install window wells that are 10-15cm above the ground and are sealed at the foundation Install window wells that are 10-15cm above the ground and are sealed at the foundation Install water-resistant basement windows Install a backwater valve (work with a plumber and get required permits) A Prepare to Remove Any Water from Your Basement as Quickly as Possible Remove obstructions to the basement floor drain Install a back-up sump pump and power source A. Protect Personal Belongings in Your Basement Store valuables in watertight containers or remove Store valuables in watertight containers or remove Store valuable area rugs and furnishings that have wooden or metal legs Internet area rugs and furnishings that have wooden or metal legs Internet area rugs and furnishings that have wooden or metal legs Intercentret For Add	1. Maintain Your Home's Flood Protection Features at Least Twice Per	Year
Correct grading to direct water at least 2m away from your foundation Extend downspouts and sump discharge pipes to direct water at least 2m away from your foundation or to the nearest drainage swale Install window well covers Install window wells that are 10-15cm above the ground and are sealed at the foundation Install water-resistant basement windows Install a backwater valve (work with a plumber and get required permits) 3. Prepare to Remove Any Water from Your Basement as Quickly as Possible Remove obstructions to the basement floor drain Install a back-up sump pump and power source 4. Protect Personal Belongings in Your Basement Store valuables in watertight containers or remove Store hazardous materials (paints, chemicals) in watertight containers or remove Raise electronics off the floor Select removable area rugs and furnishings that have wooden or metal legs Note: Not all actions will be applicable to each home. Completing these steps does not guarantee the prevention of basement floording. WIVERSITY OF	 Remove debris from nearest storm drain Clean out eaves troughs Test sump pump(s) and backup power source Clean out backwater valve Maintain plumbing, appliances and fixtures 	
 Extend downspouts and sump discharge pipes to direct water at least 2m away from your foundation or to the nearest drainage swale Install window well covers Install window wells that are 10-15cm above the ground and are sealed at the foundation Install window wells that are 10-15cm above the ground and are sealed at the foundation Install water-resistant basement windows Install a backwater valve (work with a plumber and get required permits) 3. Prepare to Remove Any Water from Your Basement as Quickly as Possible Remove obstructions to the basement floor drain Install a back-up sump pump and power source 4. Protect Personal Belongings in Your Basement Store valuables in watertight containers or remove Store hazardous materials (paints, chemicals) in watertight containers or remove Reise electronics off the floor Select removable area rugs and furnishings that have wooden or metal legs Note: Not all actions will be applicable to each home. Completing these steps does not guarantee the prevention of basement flooding. 	2. Keep Water Out of Your Basement	
Remove obstructions to the basement floor drain Install a back-up sump pump and power source A. Protect Personal Belongings in Your Basement Store valuables in watertight containers or remove Store hazardous materials (paints, chemicals) in watertight containers or remove Raise electronics off the floor Select removable area rugs and furnishings that have wooden or metal legs Note: Not all actions will be applicable to each home. Completing these steps does not guarantee the prevention of basement flooding. For Additional Resources Visit: Interstity of Contension	 Extend downspouts and sump discharge pipes to direct water at least 2 from your foundation or to the nearest drainage swale Install window well covers Install window wells that are 10-15cm above the ground and are sealed foundation Install water-resistant basement windows 	2m away at the
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Store valuables in watertight containers or remove Store hazardous materials (paints, chemicals) in watertight containers or remove Raise electronics off the floor Select removable area rugs and furnishings that have wooden or metal legs Note: Not all actions will be applicable to each home. Completing these steps does not guarantee the prevention of basement flooding. Intact CENTRE For Additional Resources Visit:		
 Store hazardous materials (paints, chemicals) in watertight containers or remove Raise electronics off the floor Select removable area rugs and furnishings that have wooden or metal legs Note: Not all actions will be applicable to each home. Completing these steps does not guarantee the prevention of basement flooding. INTACT CENTRE 	4. Protect Personal Belongings in Your Basement	
INTACT CENTRE For Additional Resources Visit:	Store hazardous materials (paints, chemicals) in watertight containers o Raise electronics off the floor	
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This is a copy of our home inspection the terms, limitations and conditions	
,	
THIS CONTRACT LIMITS THE LIABILITY OF THE HOME INSPECTION COM	IPANY.
PLEASE READ CAREFULLY BEFORE SIGNING.	
The term Home Inspector in this document means the Home Inspector is performed in substantial accordance with the STANDARDS OF PRA We comply with the Standards, inspecting every listed item, although the STANDARDS OF PRACTICE, click <u>http://www.oahi.com/download.p</u>	CTICE of the Ontario Association of Home Inspectors. we do not include descriptions of all items. To review
The Home Inspector's report is an opinion of the present condition of treadily accessible features of the building.	he property, based on a visual examination of the
In addition to the limitations in the STANDARDS, the Inspection of this out in this Agreement.	property is subject to Limitations and Conditions set
LIMITATIONS AND CONDITIONS OF THE HOME INSPECTION	
The focus of the home inspection is on major issues that may affect a re	easonable person's decision to buy a home.
A Home Inspector is a generalist, rather than a specialist. The home ins than a design review. Home Inspectors do not perform calculations to structural systems for example, are properly sized.	
1) THE INSPECTION IS NOT TECHNICALLY EXHAUSTIVE.	
The Inspection is a sampling exercise and is not technically exhaustive major issues, we typically come across some smaller issues. These are understood that not all issues will be identified.	
Establishing the significance of an issue may be beyond the scope of th be required.	e inspection. Further evaluation by a specialist may
A Technical Audit is a more in-depth, technically exhaustive inspection Home Inspection. We have both services available. By accepting this a Home Inspection instead of a Technical Audit.	-
If you are concerned about any conditions noted in the Home Inspection qualified specialist to provide a more detailed analysis.	on Report, we strongly recommend that you consult a

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2) THE INSPECTION IS AN OPINION OF THE PRESENT CONDITION OF THE VISIBLE COMPONENTS.	
A Home Inspection does not include identifying defects that are hidden behind walls, floors or ceilings, storage o This includes inaccessible elements such as wiring, heating, cooling, structure, plumbing and insulation.	or furniture.
Intermittent problems may not be visible on a Home Inspection because they only happen under certain circums example, your Home Inspector may not discover leaks that occur only during certain weather conditions or whe tap or appliance is being used in everyday life.	
Home Inspectors will not find conditions that are concealed by finishes, storage or furnishings. Inspectors do not wall coverings (including wallpaper), lift flooring (including carpet) or move storage or furniture.	tremove
Representative sampling is used for components where there are several similar items. The list includes but is no – roof shingles, siding, masonry, windows, interior doors, electrical wiring, receptacles and switches, plumbing p heating ducts and pipes, attic insulation and air/vapor barriers, and floor, wall and ceiling surfaces.	
3) THIS IS NOT A CODE-COMPLIANCE INSPECTION	
Home Inspectors do NOT determine whether or not any aspect of the property complies with past or present co as building codes, electrical codes, fuel codes, fire codes, etc.), regulations, laws, by-laws, ordinances or other re requirements. Codes change regularly, and most homes will not comply with current codes.	
4) THE INSPECTION DOES NOT INCLUDE HAZARDOUS MATERIALS.	
This includes building materials that are now suspected of posing a risk to health such as phenol-formaldehyde formaldehyde based insulation, fiberglass insulation and vermiculite insulation. Inspectors do NOT identify asbe roofing, siding, wall, ceiling or floor finishes, insulation or fireproofing. Inspectors do NOT look for lead or other t in such things as pipes, paint or window coverings. Health scientists can help in these areas.	estos in
The Inspection does not deal with environmental hazards such as the past use of insecticides, fungicides, herbic pesticides. Home Inspectors do NOT look for, or comment on, the past use of chemical termite treatments in or property.	
5) WE DO NOT COMMENT ON THE QUALITY OF AIR IN A BUILDING.	
The Inspector does not determine if there are irritants, pollutants, contaminants, or toxic materials in or around building.	the
The Inspection does not include spores, fungus, mould or mildew. You should note that whenever there is water noted in the report, there is a possibility that mould or mildew may be present, unseen behind a wall, floor or co	=
If anyone in your home suffers from allergies or heightened sensitivity to quality of air, we strongly recommend consult a qualified Environmental Consultant who can test for toxic materials, mould and allergens at additional	•

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	6) WE DON	'T LOOK FOR BUR	IED TANKS.									
	other stora	ge tanks on the p suspect there is a	property, you may	y be responsible f	or their removal	and the safe dis	pperty. If there are sport of any conta ny cons	minated				
	7) CANCELL	ATION FEE										
	If the inspe	ction is cancelled	within 24 hours of	of the appointme	nt time, a cancell	lation fee of 50%	6 of the fee will app	ıly.				
	8) THERMA	L IMAGING (If inc	luded with this ir	spection)								
	of this equi	pment improves can mask the the	the odds of dete	cting a moisture i	ssue, it is not a g	uarantee, as nu	eakage issues. Whi merous environme ent, and cannot be	ental				
	9) MOULD	ASSESSMENT (If	included with this	s inspection)								
	growth. Mo sample will	bisture readings v be collected. Sho	vill be collected to ould visible mould	hroughout the ho	ome. Two indoor ified, one surface	air samples and	water intrusion an one outdoor refer collected. The resu	ence				
	10) REPORT	IS FOR OUR CLIE	NT ONLY.									
				of the Client nam y any other party		vill not be releas	ed to others witho	ut the				
	11) NOT A (GUARANTEE, WA	RRANTY OR INSU	RANCE POLICY.								
	The inspect	ion and report ar	e not a guarantee	e, warranty or an	insurance policy	with regard to t	he fitness of the pr	operty.				
	12) TIME TO	O INVESTIGATE										
				claim or complair ave had a reason			oed, altered, repair e.	ed,				
	13) LIMIT C	OF LIABILITY										
	REPORT, FC	OR ANY CAUSE OF	ACTION WHATS		R IN CONTRACT O	OR IN NEGLIGEN	OF THIS INSPECTION CE, IS LIMITED TO A S GREATER.					
	Dunlop wit inspect the	hin 10 business d claimed discrepa	ays of discovery. ancy except for ar	Further, the clier	nt agrees to allow dition, before the	w Carson Dunlop e client or client'	riting and reported the opportunity t s agent, employee nt understands and	o re- s or				

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that any failure to notify Carson Dunlop as stated above shall constitute a waiver of any and all claims the client may have against the inspector and/or Carson Dunlop.

14) TIME PERIOD

The Client acknowledges and agrees that the timeframe for commencement of legal proceedings by the Client against the Inspector for damages suffered by the Client as a result of alleged errors, omissions, breaches of contract and/or negligence by the Inspector shall not be later than two (2) years from the date of the inspection.

15) LEGAL ADVICE

The Client has had such legal advice as the Client desires in relation to the effect of this Contract on the Client's legal rights.

16) CLIENT'S AGREEMENT

The Client understands and agrees to be bound by each and every provision of this contract. The Client has the authority to bind any other family members or other interested parties to this Contract.

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Canadian Association Of Home & Property Inspectors

2012 National Standards of Practice

The National Standards of Practice are a set of guidelines for home and property inspectors to follow in the performance of their inspections. They are the most widely accepted Canadian home inspection guidelines in use, and address all the home's major systems and components. The National Standards of Practice and Code of Ethics are recognized by many related professionals as the definitive Standards for professional performance in the industry.

These National Standards of Practice are being published to inform the public on the nature and scope of visual building inspections performed by home and property inspectors who are members of the Canadian Association of Home and Property Inspectors (CAHPI).

The purpose of the National Standards of Practice is to provide guidelines for home and property inspectors regarding both the inspection itself and the drafting of the inspection report, and to define certain terms relating to the performance of home inspections to ensure consistent interpretation.

To ensure better public protection, home and property inspectors who are members of CAHPI should strive to meet these Standards and abide by the appropriate provincial/regional CAHPI Code of Ethics.

These Standards take into account that a visual inspection of a building does not constitute an evaluation or a verification of compliance with building codes, Standards or regulations governing the construction industry or the health and safety industry, or Standards and regulations governing insurability.

Any terms not defined in these Standards shall have the meaning commonly assigned to it by the various trades and professions, according to context.

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- 10. Fireplaces & Solid Fuel Burning Appliances
- 11. Air Conditioning Systems
- 12. Interior Systems
- 13. Insulation and Vapour Barriers
- 14. Mechanical and Natural Ventilation Systems

Glossary Note: Italicized words are defined in the Glossary.

1. INTRODUCTION

1.1 The Canadian Association of Home and Property Inspectors (CAHPI) is a not-for-profit association whose members include the following seven provincial/regional organizations: CAHPI-British Columbia., CAHPI-Alberta, CAHPI-Saskatchewan, CAHPI-Manitoba, OAHI (Ontario), AIBQ (Quebec), and CAHPI-Atlantic. CAHPI strives to promote excellence within the profession and continual improvement of inspection services to the public.

2. PURPOSE AND SCOPE

2.1 The purpose of these National Standards of Practice is to establish professional and uniform Standards for private, fee-paid home inspectors who are members of one of the provincial/regional organizations of CAHPI. Home Inspections performed to these National Standards of Practice are intended to provide information regarding the condition of the systems and components of the building as inspected at the time of the Home Inspections. This does NOT include building code inspections.

These National Standards of Practice enable the building being inspected to be compared with a building that was constructed in accordance with the generally accepted practices at the time of construction, and which has been adequately maintained such that there is no significant loss of *functionality*.

It follows that the building may not be in compliance with current building codes, standards and regulations that are applicable at the time of inspection. These National Standards of Practice apply to inspections of part or all of a building for the following building types:

- single-family dwelling, detached, semidetached or row house
- multi unit residential building
- residential building held in divided or undivided co ownership
- residential building occupied in part for a residential occupancy and in part for a commercial occupancy, as long as the latter use does not exceed 40% of the building's total area, excluding the basement.

2.2 The Inspector shall:

A. inspect:

1. *readily accessible*, visually observable *installed systems*, and *components* of buildings listed in these National Standards of Practice.

B. report:

- 1. on those systems and components installed on the building inspected which, in the professional opinion or judgement of the *inspector*, *have a significant deficiency* or are unsafe or are near the end of their *service lives*.
- 2. a reason why, if not self-evident, the *system* or *component has a significant deficiency* or is unsafe or is near the end of its *service life*.
- 3. the inspector's recommendations to correct or monitor the reported deficiency.
- 4. on any *systems* and *components* designated for inspection in these National Standards of Practice which were present at the time of the *Home Inspection* but were not inspected and a reason they were not inspected.
- **2.3** These National Standards of Practice are not intended to limit inspectors from:
 - **A.**including other inspection services in addition to those required by these National Standards of Practice provided the *inspector* is appropriately qualified and willing to do so.
 - **B.** excluding *systems* and *components* from the inspection if requested by the client or as dictated by circumstances at the time of the inspection.

3. GENERAL LIMITATIONS AND EXCLUSIONS

3.1 General limitations:

- A.Inspections performed in accordance with these National Standards of Practice
- 1. are not technically exhaustive.
- 2. will not identify concealed conditions or latent defects.

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3.2 General exclusions:

- **A.** The *inspector* is not required to perform any action or make any determination unless specifically stated in these National Standards of Practice, except as may be required by lawful authority.
- B. Inspectors are NOT required to determine:
- 1. condition of *systems* or *components* which are not *readily accessible*.
- 2. remaining life of any system or component.
- 3. strength, adequacy, effectiveness, or
- efficiency of any *system* or *component*. 4. causes of any condition or deficiency.
- 5. methods, materials, or costs of corrections.
- future conditions including, but not limited to, failure of systems and components.
- 7. suitability of the property for any use.
- 8. compliance with regulatory requirements (codes, regulations, laws, ordinances, etc.).
- 9. market value of the property or its marketability.
- 10.advisability of the purchase of the property.
- 11.presence of potentially hazardous plants, animals or insects including, but not limited to wood destroying organisms, diseases or organisms harmful to humans.
- 12. presence of any environmental hazards including, but not limited to toxins, carcinogens, noise, and contaminants in soil, water, and air.
- 13.effectiveness of any *system* installed or methods utilized to control or remove suspected hazardous substances.
- 14. operating costs of systems or components.
- 15.acoustical properties of any *system* or *component*
- 16.design adequacy with regards to location of the home, or the elements to which it is exposed.
- C. Inspectors are NOT required to offer or perform:
- 1. any act or service contrary to law, statute or regulation.
- 2. engineering, architectural and technical services.
- 3. work in any trade or any professional service other than *home inspection*.
- 4. warranties or guarantees of any kind.
- D. Inspectors are NOT required to operate:
- 1. any *system* or *component* which is *shut down* or otherwise inoperable.
- 2. any *system* or *component* which does not respond to *normal operating controls*.
- 3. shut-off valves.
- E. Inspectors are NOT required to enter:
- 1. any area which will, in the opinion of the *inspector*, likely be hazardous to the *inspector* or other persons or damage the property or its *systems* or *components*.

- 2. confined spaces.
- 3. spaces which are not readily accessible.
- F. Inspectors are NOT required to inspect:
- 1. underground items including, but not limited to storage tanks or other indications of their presence, whether abandoned or active.
- 2. systems or components which are not installed.
- 3. decorative items.
- 4. *systems* or *components* located in areas that are not readily accessible in accordance with these National Standards of Practice.
- 5. detached structures.
- common elements or common areas in multiunit housing, such as condominium properties or cooperative housing when inspecting an individual unit(s), including the roof and building envelope.
- 7. test and/or operate any installed fire alarm system, burglar alarm system, automatic sprinkler system or other fire protection equipment, electronic or automated installations, telephone, intercom, cable/internet systems and any lifting equipment, elevator, freight elevator, wheelchair lift, climbing chair, escalator or others;
- 8. pools, spas and their associated safety devices, including fences.
- G. Inspectors are NOT required to:
- 1. perform any procedure or operation which will, in the opinion of the *inspector*, likely be hazardous to the *inspector* or other persons or damage the property or it's *systems* or *components*.
- move suspended ceiling tiles, personal property, furniture, equipment, plants, soil, snow, ice, or debris.
- 3. *dismantle* any *system* or *component*, except as explicitly required by these National Standards of Practice.

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4. STRUCTURAL SYSTEMS

4.1 The inspector shall:

A. inspect:

- 1. *structural components* including visible foundation and framing.
- 2. by *probing* a sample of structural components where deterioration is suspected or where clear indications of possible deterioration exist. *Probing* is NOT required when *probing* would damage any finished surface or where no deterioration is visible.

B. describe:

- 1. foundation(s).
- 2. floor structure(s).
- 3. wall structure(s).
- 4. ceiling structure(s).
- 5. roof structure(s).
- C. report:
 - 1. on conditions limiting access to structural components.
 - 2. methods used to *inspect* the *under-floor crawl space*
 - 3. methods used to *inspect* the attic(s).

4.2 The inspector is NOT required to:

- A. provide any *engineering* service or *architectural* service.
- **B.** offer an opinion as to the adequacy of any *structural system* or *component*.

5. EXTERIOR SYSTEMS

5.1 The inspector shall:

A. inspect:

- 1. exterior wall covering(s), flashing and trim.
- 2. all exterior doors.
- 3. attached or *adjacent* decks, balconies, steps, porches, and their associated railings.
- 4. eaves, soffits, and fascias where accessible from the ground level.
- 5. vegetation, grading, and surface drainage on the property when any of these are likely to adversely affect the building.
- 6. walkways, patios, and driveways leading to dwelling entrances.
- 7. landscaping structure attached or adjacent to the building when likely to adversely affect the building.
- 8. attached garage or carport.
- 9. garage doors and garage door operators for attached garages.

B. describe

- 1. exterior wall covering(s).
- C. report:
 - 1. the method(s) used to inspect the exterior wall elevations.

5.2 The inspector is NOT required to: A. inspect:

- 1. screening, shutters, awnings, and similar seasonal accessories.
- 2. fences.
- 3. geological, geotechnical or hydrological conditions.
- 4. recreational facilities.
- 5. detached garages and outbuildings.
- 6. seawalls, break-walls, dykes and docks.
- 7. erosion control and earth stabilization measures.

6. ROOF SYSTEMS

6.1 The inspector shall:

A. inspect:

- 1. readily accessible roof coverings.
- 2. readily accessible roof drainage systems.
- 3. readily accessible flashings.
- readily accessible skylights, chimneys, and roof penetrations.

B. describe

- 1. roof coverings.
- C. report:
 - 1. method(s) used to inspect the roof(s).

6.2 The inspector is NOT required to:

A. inspect:

- 1. antennae and satellite dishes.
- 2. interiors of flues or chimneys.
- 3. other *installed* items attached to but not related to the roof system(s).

7. PLUMBING SYSTEMS

7.1 The inspector shall:

A. inspect:

- 1. interior water supply and distribution *systems* including all fixtures and faucets.
- 2. drain, waste and vent *systems* including all fixtures.
- 3. water heating equipment and associated venting systems.
- 4. water heating equipment fuel storage and fuel distribution systems.
- 5. fuel storage and fuel distribution systems.
- 6. drainage sumps, sump pumps, and related
- piping.

B. describe:

- 1. water supply, distribution, drain, waste, and vent piping materials.
- 2. water heating equipment including the energy source.
- 3. location of main water and main fuel shut-off valves.

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	7.2 The ins	pector is NO	OT required	to:	5. telecon	nmunication eq	quipment.		

A. inspect:

- 1. clothes washing machine connections.
- 2. wells, well pumps, or water storage related equipment.
- 3. water conditioning systems.
- 4. solar water heating systems.
- 5. fire and lawn sprinkler systems.
- 6. private waste disposal systems.

B. determine:

- 1. whether water supply and waste disposal systems are public or private.
- 2. the quantity or quality of the water supply.

C. operate:

1. safety valves or shut-off valves.

8. ELECTRICAL SYSTEMS

8.1 The inspector shall:

A. inspect:

- 1. service drop.
- 2. service entrance conductors, cables, and raceways.
- 3. service equipment and main disconnects.
- 4. service grounding.
- 5. interior components of service panels and sub panels.
- 6. distribution conductors.
- 7. overcurrent protection devices.
- 8. a representative number of installed lighting fixtures, switches, and receptacles.
- 9. ground fault circuit interrupters (GFCI) (if appropriate).
- 10.arc fault circuit interrupters (AFCI) (if appropriate).

B. describe:

- 1. amperage and voltage rating of the service.
- 2. location of main disconnect(s) and subpanel(s). 3. wiring methods.
- C. report:
 - 1. presence of solid conductor aluminum branch circuit wiring.
 - 2. absence of carbon monoxide detectors (if applicable).
 - 3. absence of smoke detectors.
 - 4. presence of ground fault circuit interrupters (GFCI).
 - 5. presence of arc fault circuit interrupters (AFCI).

8.2 The inspector is NOT required to: A. inspect:

- 1. remote control devices unless the device is the only control device.
- 2. alarm systems and components.
- 3. low voltage wiring, systems and components.
- 4. ancillary wiring, systems and components not a part of the primary electrical power distribution system.

5. telecommunication equipment.

B. measure:

1. amperage, voltage, or impedance.

9. HEATING SYSTEMS

9.1 The inspector shall:

A. inspect:

- 1. readily accessible components of installed heating equipment.
- 2. vent systems, flues, and chimneys.
- 3. fuel storage and fuel distribution systems.

B. describe:

- 1. energy source(s).
- 2. heating method(s) by distinguishing characteristics.
- 3. chimney(s) and/or venting material(s).
- 4. combustion air sources.
- 5. exhaust venting methods (naturally aspiring, induced draft, direct vent, direct vent sealed combustion).

9.2 The inspector is NOT required to:

- A. inspect:
 - 1. interiors of flues or chimneys.
 - 2. heat exchangers.
 - 3. auxiliary equipment.
 - 4. electronic air filters.
 - 5. solar heating systems.

B. determine:

1. system adequacy or distribution balance.

10. FIREPLACES AND SOLID FUEL BURNING APPLIANCES

(Unless prohibited by the authority having jurisdiction)

10.1 The inspector shall:

- A. inspect:
 - 1. system components
 - 2. vent systems and chimneys
- **B.** describe:
 - 1. fireplaces and solid fuel burning appliances
 - 2. chimneys

10.2 The inspector is NOT required to: A. inspect:

- 1. interior of flues or chimneys
- 2. screens, doors and dampers
- 3. seals and gaskets
- 4. automatic fuel feed devices
- 5. heat distribution assists whether fan assisted or gravity
- B. ignite or extinguish fires
- C. determine draught characteristics
- D. move fireplace inserts, stoves, or firebox contents

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	11. AIR CC		NG SYSTEMS	5	13.2 The i	nspector is	NOT require	ed to:			

11.1 The inspector shall:

A. inspect

1. permanently *installed* central air conditioning equipment.

B. describe:

- 1. energy source.
- 2. cooling method by its distinguishing characteristics.

11.2 The inspector is NOT required to:

A. inspect

- 1. electronic air filters.
- 2. portable air conditioner(s).
- B. determine:
 - 1. system adequacy or distribution balance.

12. INTERIOR SYSTEMS

12.1 The inspector shall:

A. inspect:

- 1. walls, ceilings, and floors.
- 2. steps, stairways, and railings.
- 3. a *representative number* of countertops and *installed* cabinets.
- 4. a *representative number* of doors and windows.
- 5. walls, doors and ceilings separating the
- habitable spaces and the garage.
- B. describe:
 - 1. materials used for walls, ceilings and floors.
 - 2. doors.
 - 3. windows.

C. report

1. absence or ineffectiveness of guards and handrails or other potential physical injury hazards.

12.2 The inspector is NOT required to:

A. inspect:

- 1. *decorative* finishes.
- 2. window treatments.
- 3. central vacuum systems.
- 4. household appliances.
- 5. recreational facilities.

13. INSULATION AND VAPOUR BARRIERS

13.1 The inspector shall:

- A. inspect:
 - 1. insulation and *vapour barriers* in unfinished spaces.
- B. describe:
 - 1. type of insulation material(s) and *vapour barriers* in unfinished spaces.
- C. report
 - 1. absence of insulation in unfinished spaces within the building envelope.
 - 2. presence of vermiculite insulation

A. disturb

- insulation.
 vapour barriers.
- B. obtain sample(s) for analysis
 - 1. insulation material(s).

14. MECHANICAL AND NATURAL VENTILATION SYSTEMS

14.1 The inspector shall:

A. inspect:

- 1. ventilation of attics and foundation areas.
- 2. mechanical ventilation systems.
- 3. ventilation systems in areas where moisture is generated such as kitchen, bathrooms, laundry rooms.

B. describe:

- 1. ventilation of attics and foundation areas.
- 2. mechanical ventilation systems.
- 3. ventilation systems in areas where moisture is generated such as: kitchens, bathrooms and laundry rooms.

C. report:

1. absence of ventilation in areas where moisture is generated such as: kitchens, bathrooms and laundry rooms.

14.2 The inspector is NOT required to:

- 1. determine indoor air quality.
- 2. determine system adequacy or distribution balance.

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GLOSSARY

Adjacent

Nearest in space or position; immediately adjoining without intervening space.

Alarm Systems

Warning devices, installed or free-standing, including but not limited to; carbon monoxide detectors, flue gas and other spillage detectors, security equipment, ejector pumps and smoke alarms.

Architectural Service

Any practice involving the art and science of building design for construction of any structure or grouping of structures and the use of space within and surrounding the structures or the design for construction, including but not specifically limited to, schematic design, design development, preparation of construction contract documents, and administration of the construction contract, adequacy of design for the location and exposure to the elements.

Automatic Safety Controls

Devices designed and installed to protect *systems* and *components* from unsafe conditions.

Component

A part of a system.

Confined Spaces

An enclosed or partially enclosed area that: 1. Is occupied by people only for the purpose of completing work.

2. Has restricted entry/exit points.

3. Could be hazardous to people entering due to:

a. its design, construction, location or atmosphere.

b. the materials or substances in it, or

c. any other conditions which prevent normal inspection procedure.

Decorative

Ornamental; not required for the operation of the essential *systems* and *components* of a building.

Describe

To *report* a *system* or *component* by its type or other observed, significant characteristics to distinguish it from other *systems* or *components*.

Determine

To find out, or come to a conclusion by investigation.

Dismantle

To take apart or remove any component, device, or piece of equipment that would not be taken apart or removed by a homeowner in the course of normal and routine home owner maintenance.

Engineering Service

Any professional service or creative work requiring engineering education, training, and experience and the application of special knowledge of the mathematical, physical and engineering sciences to such professional service or creative work as consultation, investigation, evaluation, planning, design and supervision of construction for the purpose of assuring compliance with the specifications and design, in conjunction with structures, buildings, machines, equipment, works or processes.

Functionality

The purpose that something is designed or expected to fulfill.

Further Evaluation

Examination and analysis by a qualified professional, tradesman or service technician beyond that provided by the *home inspection*.

Home Inspection

The process by which an *inspector* visually examines the *readily accessible systems* and *components* of a building and which *describes* those *systems* and *components* in accordance with these National Standards of Practice.

Household Appliances

Kitchen, laundry, and similar appliances, whether *installed* or freestanding.

Inspect

To examine *readily accessible systems* and *components* of a building in accordance with these National Standards of Practice, *where applicable* using *normal operating controls* and opening *readily openable access panels*.

Inspector

A person hired to examine any *system* or *component* of a building in accordance with these National Standards of Practice.

Installed

Set up or fixed in position for current use or service.

Monitor

Examine at regular intervals to detect evidence of change.

Normal Operating Controls

Devices such as thermostats, switches or valves intended to be operated by the homeowner.

Operate

To cause to function, turn on, to control the function of a machine, process, or system.

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Probing

Examine by touch.

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Readily Accessible

Available for visual inspection without requiring moving of personal property, *dismantling*, destructive measures, or any action which will likely involve risk to persons or property.

Readily Openable Access Panel

A panel provided for homeowner inspection and maintenance that is within normal reach, can be removed by one person, and is not sealed in place.

Recreational Facilities

Spas, saunas, steam baths, swimming pools, exercise, entertainment, athletic, playground or other similar equipment and associated accessories.

Report

To communicate in writing.

Representative Number

One *component* per room for multiple similar interior *components* such as windows and electric outlets; one *component* on each side of the building for multiple similar exterior *components*.

Roof Drainage Systems

Components used to carry water off a roof and away from a building.

Sample

A representative portion selected for inspection.

Service Life/Lives

The period during which something continues to function fully as intended.

Significant Deficiency

A clearly definable hazard or a clearly definable potential for failure or is unsafe or not functioning.

Shut Down

A state in which a *system* or *component* cannot be operated by *normal operating controls*.

Solid Fuel Burning Appliances

A hearth and fire chamber or similar prepared place in which a fire may be built and which is built in conjunction with a chimney; or a listed assembly of a fire chamber, its chimney and related factory-made parts designed for unit assembly without requiring field construction.

Structural Component

A component that supports non-variable forces or weights (dead loads) and variable forces or weights (live loads).

System

A combination of interacting or interdependent components, assembled to carry out one or more functions.

Technically Exhaustive

An inspection is technically exhaustive when it is done by a specialist who may make extensive use of measurements, instruments, testing, calculations, and other means to develop scientific or engineering findings, conclusions, and recommendations.

Under-floor Crawl Space

The area within the confines of the foundation and between the ground and the underside of the floor.

Unsafe

A condition in a *readily accessible, installed system* or *component* which is judged to be a significant risk of personal injury during normal, day-to-day use. The risk may be due to damage, deterioration, missing or improper installation or a change in accepted residential construction Standards.

Vapour Barrier

Material used in the building envelope to retard the passage of water vapour or moisture.

Visually Accessible

Able to be viewed by reaching or entering.

Wiring Methods

Identification of electrical conductors or wires by their general type, such as "non-metallic sheathed cable" ("Romex"), "armored cable" ("bx") or "knob and tube", etc.

Note - In these National Standards of Practice, redundancy in the description of the requirements, limitations and exclusions regarding the scope of the Home Inspection is provided for clarity not emphasis.

(CAHPI acknowledges The American Society of Home Inspectors®, Inc. (ASHF) for the use of their Standards of Practice (version January 1, 2000)

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REFERENCE LIBRARY www.carsondunlop.com 296 Douglas Dr, Toronto, ON June 2, 2022 ROOFING COOLING INSULATION PLUMBING OUR ADVICE APPENDIX 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 (\gg) 02. EXTERIOR (>>) (\gg) 03. STRUCTURE 04. ELECTRICAL ()05. HEATING (>>) (\gg) 06. COOLING/HEAT PUMPS (\gg) 07. INSULATION (\mathbb{N}) 08. PLUMBING (\gg) 09. INTERIOR (\gg) **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**

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