

# 1584 Dundas St E Toronto, ON M4L 1K8





PREPARED FOR: FORD THURSTON

**INSPECTION DATE:** Friday, October 13, 2023

PREPARED BY: Sheila Corman, RHI

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



October 16, 2023

Dear Ford Thurston,

RE: Report No. 86223, v.2 1584 Dundas St E Toronto, ON M4L 1K8

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.

Please contact us with any questions about the report or the home itself anytime, for as long as you own your home. Our telephone and e-mail consulting services are available at no cost to you. Please watch for your follow-up e-mail. We hope you will complete our short client questionnaire.

Thanks again for choosing Carson Dunlop.

Sincerely,

Sheila Corman, RHI 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

<b>OVER</b>	Report No.	86223, v.2								
1584 Dune	1584 Dundas St E, Toronto, ON October 13, 2023 www.carsondunlop.com									
OVERVIEW	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR	
RECALCHEK	OUR ADVICE	APPENDIX	REFERENCE							

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. Our fee is \$260. 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.

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 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

ROOF	ING							Report No.	86223, v.2
	das St E, Tor	onto, ON	October 13, 2023 www.cars						
OVERVIEW	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
RECALCHEK	OUR ADVICE	APPENDIX	REFERENCE						
	-								

# Description

# Sloped roofing material:

<u>Asphalt shingles</u>





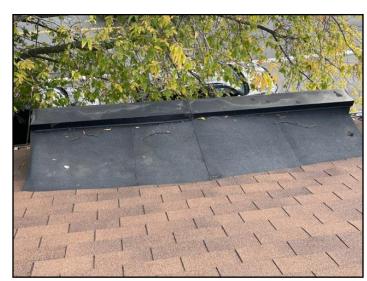
Asphalt shingles

# Flat roofing material:

Modified bitumen membrane



Modified bitumen membrane



Modified bitumen membrane

• Synthetic rubber

ROOF	ING							Report No.	86223, v.2
1584 Dundas St E, Toronto, ON			October 13, 2023					www.carsondunlop.com	
OVERVIEW	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
RECALCHEK	OUR ADVICE	APPENDIX	REFERENCE						



Synthetic rubber

# **Observations and Recommendations**

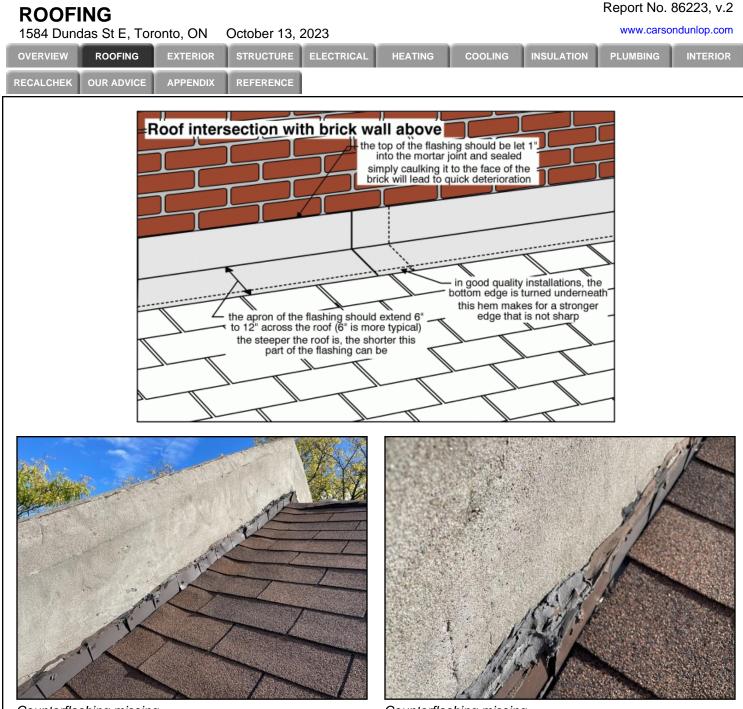
### **RECOMMENDATIONS \ General**

**Condition:** • The roof shingles are in good overall condition.

Annual inspections are recommended (on any roof) to take care of any roof damage and/or regular maintenance items (flashings/caulking).

### SLOPED ROOF FLASHINGS \ Roof/wall flashings

Condition: • Counterflashing missing Location: Front Slope Task: Monitor / Improve Time: As necessary Cost: Minor

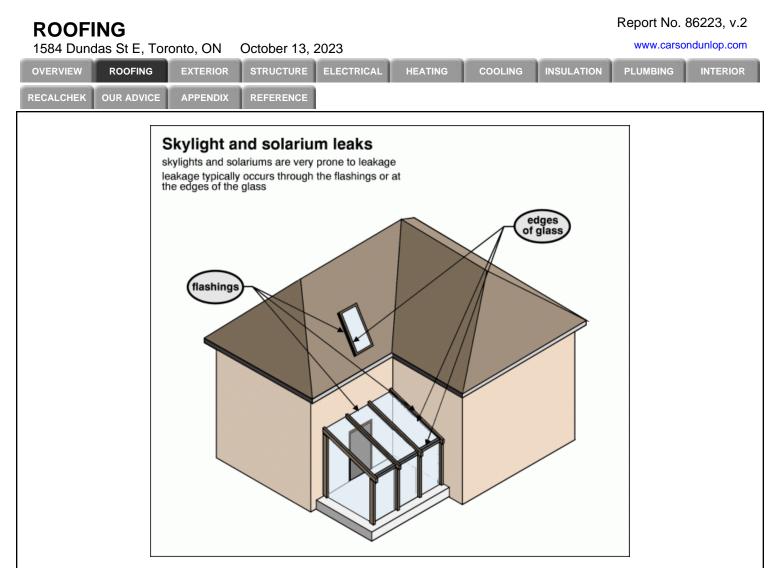


Counterflashing missing

### SLOPED ROOF FLASHINGS \ Skylights

Condition: • Skylight(s) - vulnerable area for leaks Task: Correct if needed Time: Ongoing

Counterflashing missing





Skylight(s) - vulnerable area for leaks

ROOF	ROOFING										
1584 Dundas St E, Toronto, ON			October 13,	www.carsondunlop.com							
OVERVIEW	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR		
RECALCHEK	OUR ADVICE	APPENDIX	REFERENCE								

RECALCHEK OUR ADVICE

# Inspection Methods and Limitations

Inspection performed: • By walking on roof

# EXTERIOR



### Description

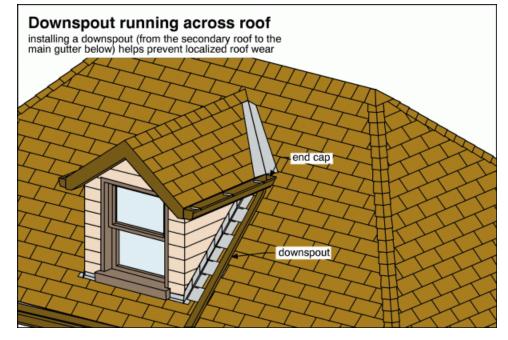
General: • The exterior has been well maintained and is in good condition.

Wall surfaces and trim: • EIFS (Exterior Insulation and Finishing System or Synthetic Stucco)

# **Observations and Recommendations**

#### **ROOF DRAINAGE \ Downspouts**

Condition: • Discharge onto roofs Location: Rear Task: Improve Time: As soon as practical Cost: Minor



EXTER 1584 Dun		Report No. 86223, v.2 www.carsondunlop.com							
OVERVIEW	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
RECALCHEK	OUR ADVICE	APPENDIX	REFERENCE						

Discharge onto roofs

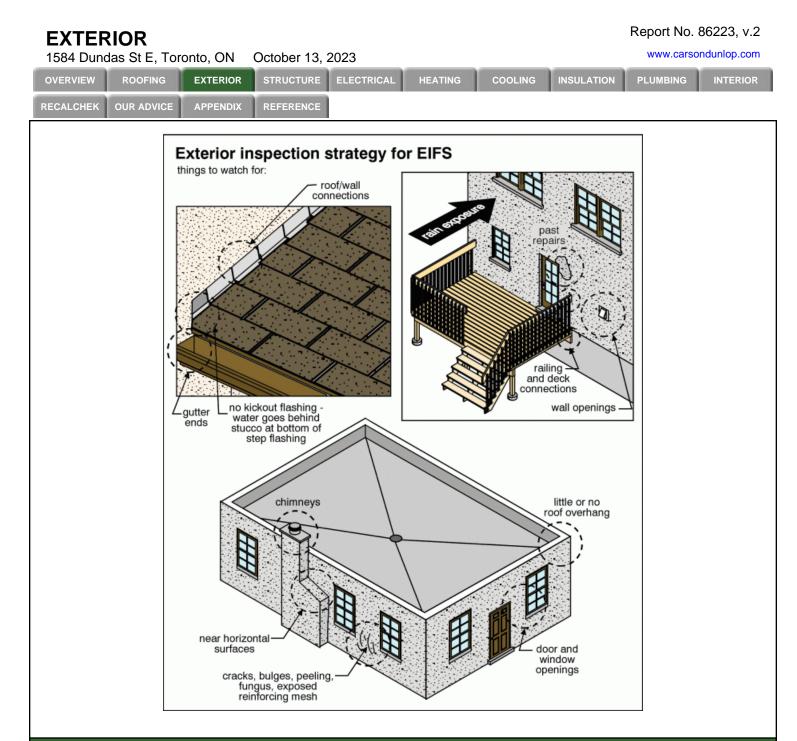
### WALLS \ EIFS (Exterior Insulation and Finishing System) and Stucco

**Condition:** • This type of siding system is susceptible to damage if there are cracks or gaps that allow water penetration into the wall assembly.

**Task**: Provide annual inspections and repairs as needed. Focus on intersections, penetrations, joints and horizontal surfaces. Watch for anywhere moisture may collect or enter the wall assembly.

#### Time: Annually

Cost: Inspections and minor repairs are low cost. Repairs to structural damage are expensive.



## Inspection Methods and Limitations

Inspection limited/prevented by: • Poor access under steps, deck, porch

Exterior inspected from: • Ground level

RUCTURE

1584 Duno	das St E, Tor	onto, ON	October 13, 2023 www.carsondunlop						
OVERVIEW	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
RECALCHEK	OUR ADVICE	APPENDIX	REFERENCE						
Description									

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

Configuration: 
• Basement

Foundation material: • Brick

Floor construction: • Joists

Exterior wall construction: • Wood frame

Roof and ceiling framing: 
• <u>Rafters/roof joists</u>

## Observations and Recommendations

### **RECOMMENDATIONS \ General**

Condition: • Most foundation walls and masonry walls have small cracks due to minor shrinkage, settlement or shifting. These will not be individually noted, unless leakage or building movement is noted.

### FLOORS \ Concrete slabs

Condition: • Concrete basement, crawlspace and garage floors are not typically part of the structure. Almost all basement, crawlspace and garage concrete floors have minor shrinkage and settlement cracks.

## Inspection Methods and Limitations

Attic/roof space: • Cathedral roof - no access

ELECTRICAL	Report No. 86223, v.2							
1584 Dundas St E, Toronto, ON October 13, 2023	www.carsondunlop.com							
OVERVIEW ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION	PLUMBING INTERIOR							
RECALCHEK OUR ADVICE APPENDIX REFERENCE								
Description								
General: • The electrical system has been substantially updated.								
Service size: • 100 Amps (240 Volts)								
Main disconnect/service box type and location: • Breakers - basement								
<text></text>								
Breakers - basement								
Distribution wire (conductor) material and type: • <u>Copper - non-metallic sheathed</u> Circuit interrupters: Ground Fault (GFCI) & Arc Fault (AFCI): • <u>GFCIs present</u> • <u>AFCIs present</u>								
Observations and Recommendations								
DISTRIBUTION SYSTEM \ Knob-and-tube wiring (wires) Condition: • No knob-and-tube wiring was noted although there may be some present based on Click on the line above to see the Ontario Electrical Safety Authority's position on this wiring syste								
Inspection Methods and Limitations								
Inspection limited/provented by: • Main disconnect cover not removed - unsafe to do so								

Inspection limited/prevented by: • Main disconnect cover not removed - unsafe to do so.

# HEATING

www.carsondunlop.com 1584 Dundas St E, Toronto, ON October 13, 2023 ROOFING STRUCTURE ELECTRICAL HEATING RECALCHEK OUR ADVICE APPENDIX REFERENCE Description Heating system type: • Furnace Fuel/energy source: • Gas Approximate capacity: • 75,000 BTU/hr Efficiency: • <u>High-efficiency</u> Approximate age: • <u>10 years</u> Typical life expectancy: • Furnace (high efficiency) 15 to 20 years Main fuel shut off at: • Meter Auxiliary heat: • Radiant floor heating (electric) Fireplace/stove: 
• Coal-burning fireplace Chimney/vent: <u>Masonry</u>



Masonry

Abandoned

<b>HEATI</b> 1584 Dun	<b>NG</b> das St E, Tore	onto, ON	October 13,	2023		Report No. 86223, v.2 www.carsondunlop.com			
OVERVIEW	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
RECALCHEK	OUR ADVICE	APPENDIX	REFERENCE						
			Abandonu	ed					

Plastic

Humidifier: • Not present

# **Observations and Recommendations**

### **RECOMMENDATIONS \ Overview**

**Condition:** • An annual maintenance program is recommended for heating and cooling systems to optimize safety, efficiency, comfort and durability.

#### FURNACE \ Cabinet

Condition: • <u>Rust</u> Task: Service Time: As soon as possible (see exhaust vent comments)

HEATI	NG							Report No. 8	36223, v.2	
	das St E, Tor	onto, ON	October 13, 2023					www.carsondunlop.com		
OVERVIEW	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR	
RECALCHEK	OUR ADVICE	APPENDIX	REFERENCE							
						TO A DECAR				

Rust in cabinet

A DECEMBER OF THE OWNER OWNE

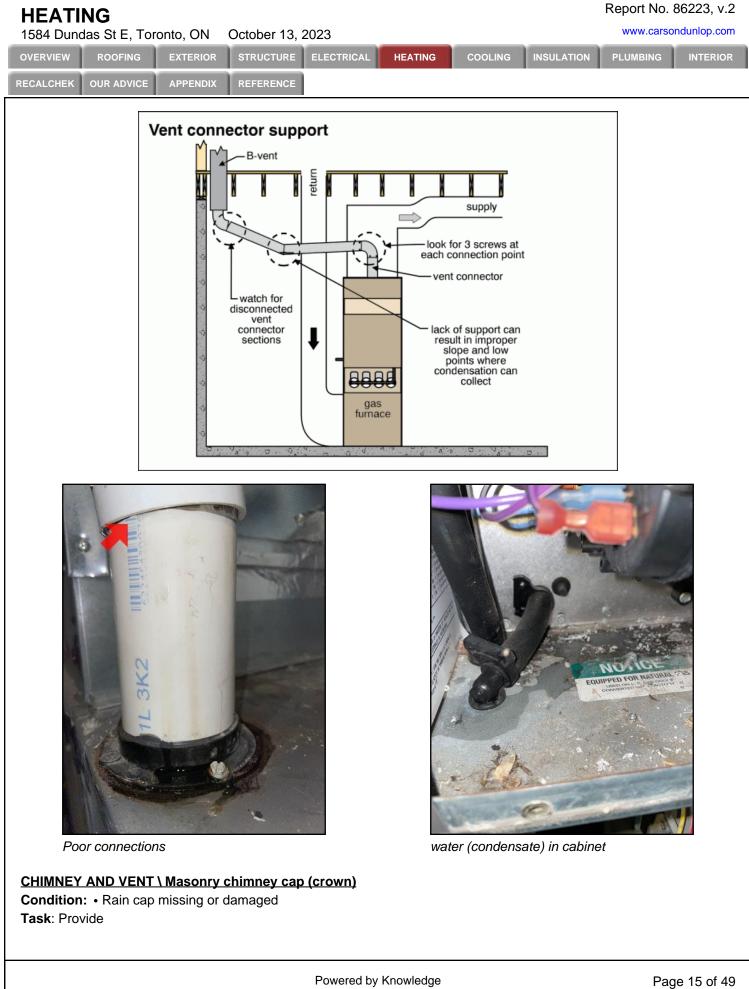
### FURNACE \ Venting system

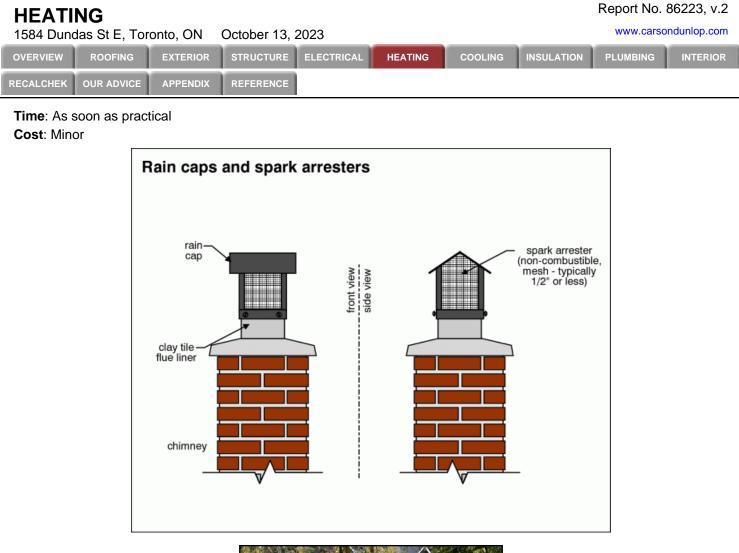
### Condition: • Poor connections

Water (condensate)was noted leaking down the PVC exhaust pipe and into the cabinet of the furnace. The connection at the PVC pipe should be better sealed to prevent condensation and carbon monoxide leakage.

Task: Correct Time: As soon as possible Cost: Minor

Powered by Knowledge







Rain caps missing

HEATI	NG							Report No.	86223, v.2
	das St E, Tor	onto, ON	October 13, 2023					www.carsondunlop.com	
OVERVIEW	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
RECALCHEK	OUR ADVICE	APPENDIX	REFERENCE						

#### FIREPLACE \ General notes

**Condition:** • Coal fireplaces are not meant for burning wood. They can be converted to wood or gas burning units, usually at considerable expense. Coal fireplaces often share a flue with other heating equipment. This arrangement is not considered safe. Coal fireplaces should not be used until a WETT (Wood Energy Technology Transfer, Inc.) certified technician provides further evaluation.

Location: First Floor Living Room

Task: Improve

Time: Discretionary



Coal fireplaces are not meant for burning...

# **COOLING & HEAT PUMP**

1584 Duno	das St E, Tor	onto, ON	October 13,			www.carsor	ndunlop.com		
OVERVIEW	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
RECALCHEK	OUR ADVICE	APPENDIX	REFERENCE						
Description									
Air conditioning type: • <u>Air cooled</u>									
Cooling c	apacity: • <u>2</u> 4	4,000 BTU/ł	<u>nr</u>						
Compress	sor approxin	nate age: •	3 years						
Typical life expectancy: • 10 to 15 years									

# **Observations and Recommendations**

#### **RECOMMENDATIONS \ Overview**

Condition: • An annual maintenance program is recommended for heating and cooling systems to optimize safety, efficiency, comfort and durability.



An annual maintenance program is recommende...

## Inspection Methods and Limitations

Inspection limited by: • Cooling systems are not operated when the outdoor temperature is below 60°F

# **INSULATION AND VENTILATION**

www.carsondunlop.com

1584 Dundas St E, Toronto, ON	October 13, 2023

OVERVIEW	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
RECALCHEK	OUR ADVICE	APPENDIX	REFERENCE						

## Description

Attic/roof insulation material: • Not visible

Attic/roof insulation amount/value: • Not determined

Attic/roof air/vapor barrier: • Not visible

# **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

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

Roof ventilation system performance: 
 Not evaluated

1584 Dundas St E, Toronto, ON October 13, 2023 www.carsondunlop.com	PLUM	IBING	MBING						Report No.	86223, v.2
				October 13,	2023				www.carso	ndunlop.com
OVERVIEW ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR	OVERVIEW	ROOFING	W ROOFING EXTERI	R STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
RECALCHEK OUR ADVICE APPENDIX REFERENCE	RECALCHEK	OUR ADVICE	IEK OUR ADVICE APPENI	X REFERENCE						

### Description

General: • The kitchen and bathrooms have been updated.

#### Service piping into building:

Not visible



Not visible

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

Main water shut off valve at the: • Front of the basement

Water heater type: • Tankless/On demand

Water heater fuel/energy source: • Gas

Water heater approximate age: • 4 years

Water heater typical life expectancy: • 8 to 12 years

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

Pumps: 
 None

Floor drain location: • Near water heater

**Backwater valve:** • Present. This valve helps prevent municipal sewers from backing up into the home. A backwater valve may help with your home owner's insurance.

# PLUMBING

Report No. 86223, v.2

www.carsondunlop.com

1584 Dundas St E, Toronto, ON October 13, 2023

1004 Dun				2020					
OVERVIEW	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
RECALCHEK	OUR ADVICE	APPENDIX	REFERENCE						

# **Observations and Recommendations**

### **RECOMMENDATIONS \ General**

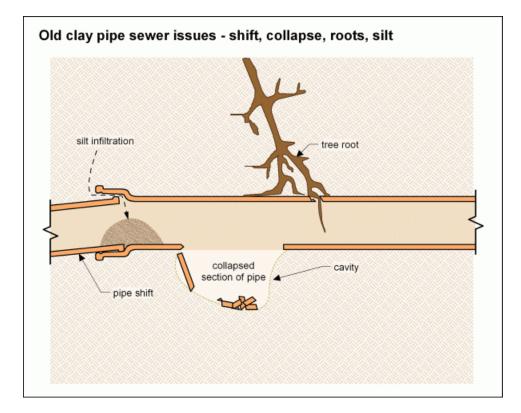
**Condition:** • Many plumbing fixtures may be expected to last 15 years or more, although faucets are often replaced every 10 years.

### 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.

**Task**: Provide after possession of the home.

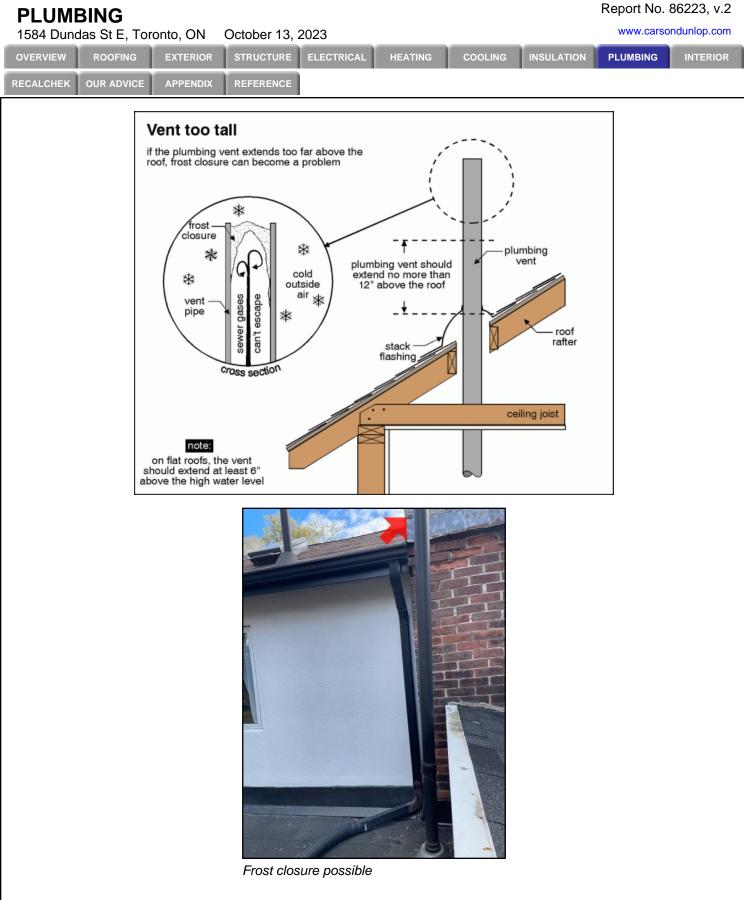
**Cost**: \$300



### WASTE PLUMBING \ Venting system

Condition: • Frost closure Location: Rear Task: Monitor / Improve Time: As necessary Cost: Minor

Powered by Knowledge



## WASTE PLUMBING \ Backwater valve

Condition: • Cover not removed

Report No. 86223, v.2

www.carsondunlop.com

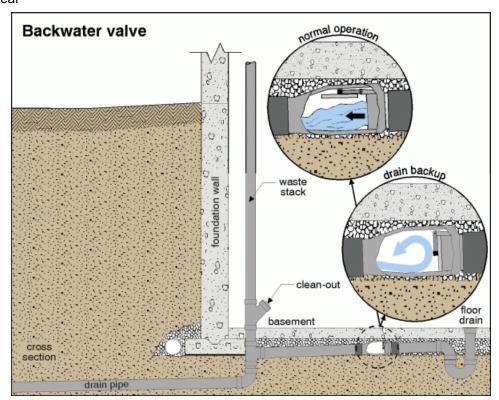
# PLUMBING

1584 Dundas St E, Toronto, ON October 13, 2023

OVERVIEW	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR		
RECALCHEK	OUR ADVICE	APPENDIX	REFERENCE								

### Location: Basement

**Task**: Inspect and clean as needed, following instructions under the Our Advice tab in this report **Time**: Twice per year





backwater valve

Powered by Knowledge

# PLUMBING

1584 Duno	1584 Dundas St E, Toronto, ON October 13, 2023									
OVERVIEW	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR	
RECALCHEK	OUR ADVICE	APPENDIX	REFERENCE							
Inspection Methods and Limitations										
Items excluded from a building inspection: • Tub/sink overflows										

INTERIOR 1584 Dundas St E, Toronto, ON October 13, 2023 www.carsondunlop.com OVERVIEW ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR RECALCHEK OUR ADVICE APPENDIX REFERENCE

### Description

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

# Observations and Recommendations

#### 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.)

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

The basement tested dry at the inspection.



water damaged brick denotes previous leakage

INTER	INTERIOR Report No. 86223, v.										
1584 Dundas St E, Toronto, ON October 13, 2023								www.carso	ndunlop.com		
OVERVIEW	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR		
RECALCHEK	OUR ADVICE	APPENDIX	REFERENCE								

# Inspection Methods and Limitations

Inspection limited/prevented by: 
 Storage/furnishings

Percent of foundation not visible: • 80 %

 RECALCHEK

 1584 Dundas St E, Toronto, ON
 October 13, 2023
 www.carsondunlop.com

 OVERVIEW
 ROOFING
 EXTERIOR
 STRUCTURE
 ELECTRICAL
 HEATING
 COOLING
 INSULATION
 PLUMBING
 INTERIOR

 RECALCHEK
 OUR ADVICE
 APPENDIX
 REFERENCE
 VERVIEW
 VERVIEW

### Description

### Air Conditioner / Heat Pump:

Ducane



Ducane

#### Furnace: Rheem

#### Water Heater:

Navien

Report No. 86223, v.2 RECALCHEK 1584 Dundas St E, Toronto, ON www.carsondunlop.com October 13, 2023 STRUCTURE RECALCHEK APPENDIX REFERENCE Navien **ERTIFICAT** 10040031 Model: NPE-180S( NG ) 

Estimated Yearly Energy Cost

Navien

### **Refrigerator:**

• Whirlpool



Whirlpool

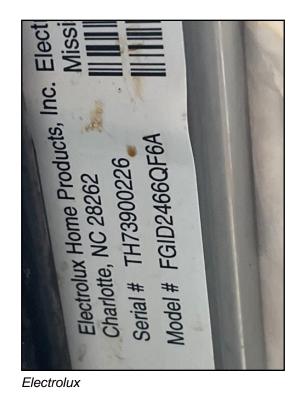
# RECALCHEK

Report No. 86223, v.2

1584 Duno	das St E, Tor	onto, ON	October 13, 2	2023				www.carso	ndunlop.com
OVERVIEW	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
RECALCHEK	OUR ADVICE	APPENDIX	REFERENCE						

### **Dishwasher:**

• Electrolux



#### Washer:

• LG



LG

Dryer:

• LG

RECALCHEK		Report No. 86223, v.2
1584 Dundas St E, Toronto, ON	October 13, 2023	www.carsondunlop.com
	STRUCTURE ELECTRICAL HEATING COOLING IN	SULATION PLUMBING INTERIOR
RECALCHEK OUR ADVICE APPENDIX	REFERENCE	
	<image/> <text><text><text><text></text></text></text></text>	

LG

OUR A	DVICE							Report No.	86223, v.2
	das St E, Tor	onto, ON	October 13, 2	2023	www.carsondunlop.com				
OVERVIEW	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
RECALCHEK	OUR ADVICE	APPENDIX	REFERENCE						

## Description

**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.

**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 as possible after taking possession.

OUR A	DVICE							Report No.	86223, v.2	
	das St E, Tor	onto, ON	October 13, 2023						www.carsondunlop.com	
OVERVIEW	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR	
RECALCHEK	OUR ADVICE	APPENDIX	REFERENCE							

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 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.

**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.

OUR A	DVICE							Report No.	86223, v.2
	das St E, Tor	onto, ON	October 13, 2	www.carsondunlop.com					
OVERVIEW	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
RECALCHEK	OUR ADVICE	APPENDIX	REFERENCE						

• 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.

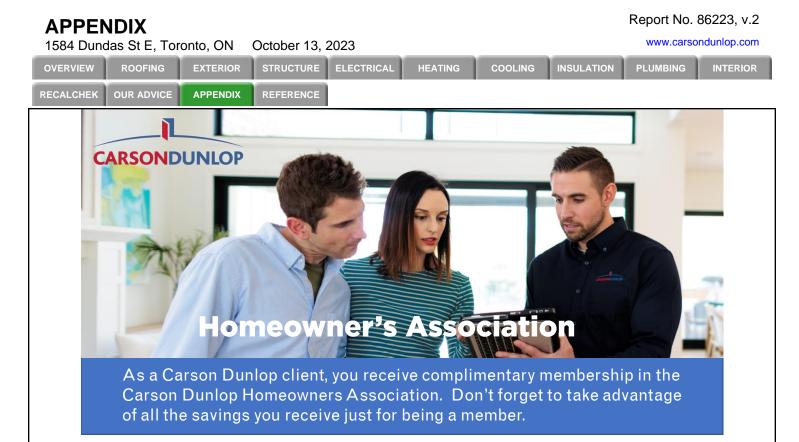
The sump and pump should be inspected and tested four times a year.

**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



#### Get your exclusive Carson Dunlop discount with Sonnet Insurance

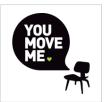


As a valued Carson Dunlop customer, you get an exclusive discount on home and auto insurance from Sonnet, Canada's first fully online insurance company. Plus, discounts and promotions through our Sonnet Connect partners. It's easy to switch. Start a quote by answering a few simple questions, customize your coverage and buy securely online in minutes.



Our gift to you - a \$100 Jiffy gift card\*

Jiffy connects homeowners to trusted Pros, delivering instant appointments at pre-set, fair rates. To redeem your gift card, create an account at jiffyondemand.com or via mobile app. Use code **CARSON91472** on your first booking, or enter your code in your Jiffy Profile. **\*Where available** 



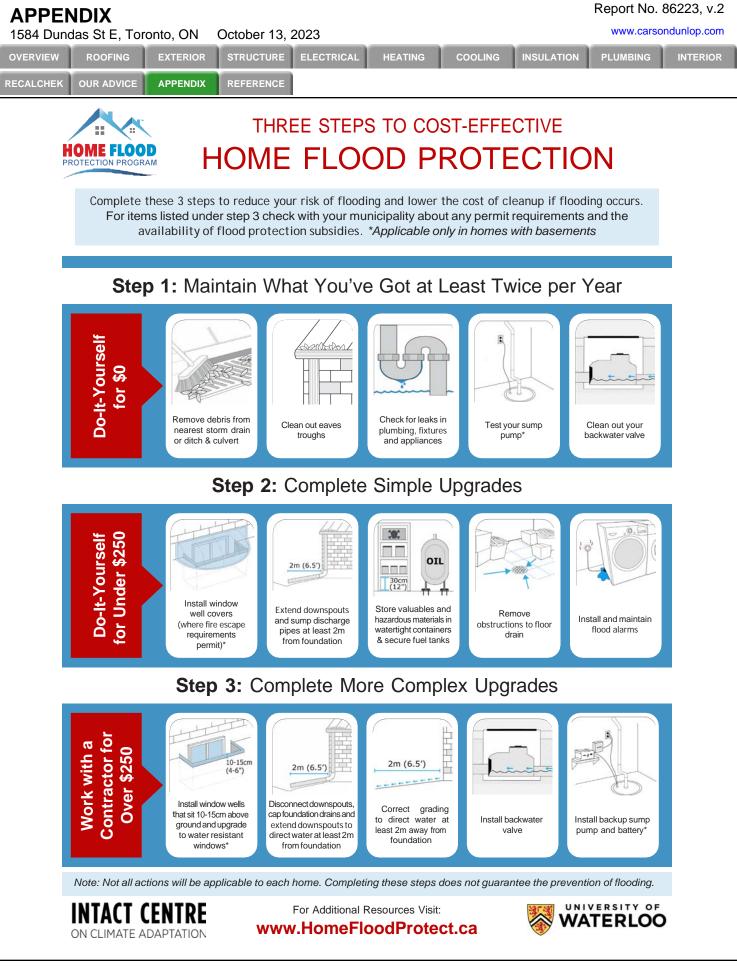
\$100 Gift Card from You Move Me

https://www.youmoveme.com/ca/save-100-off-moving-services

#### \$70 gift card from 1-800-GOT-JUNK?

1-800-GOT-JUNK?

Carson Dunlop clients receive a \$70 gift card for junk removal services.



Powered by Knowledge

APPENDIX 1584 Dundas St E, Toronto, ON October 13, 2023	www.carsondunlop.com
OVERVIEW ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION	N PLUMBING INTERIOR
RECALCHEK OUR ADVICE APPENDIX REFERENCE	
Basement Flood Protection Che	cklist
Take these steps to reduce your risk of basement flooding and reduce the cost of cleaning up a Remember to check with your municipality about the availability of basement flood protectio Check with your insurer about discounts for taking action to reduce flood risk.	
1. Maintain Your Home's Flood Protection Features at Least Twice Per Y	/ear
SPRING       FALL         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	
2. Keep Water Out of Your Basement	
Correct grading to direct water at least 2m away from your foundation 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 a foundation Install water-resistant basement windows Install a backwater valve (work with a plumber and get required permit	m away at the
3. Prepare to Remove Any Water from Your Basement as Quickly as Possi	ble
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 Raise electronics off the floor Select removable area rugs and furnishings that have wooden or metal	
Note: Not all actions will be applicable to each home. Completing these steps does not guarantee the prevention	of basement flooding.
INTACT CENTRE ON CLIMATE ADAPTATION       For Additional Resources Visit: www.HomeFloodProtect.ca	VATERLOO
Powered by Knowledge	Page 36 of 49

APPENDIX			Report No. 86223, v.2
1584 Dundas St E, Toronto, ON	October 13, 2023		www.carsondunlop.com
OVERVIEW ROOFING EXTERIOR	STRUCTURE ELECTRICAL	HEATING COOLING	INSULATION PLUMBING INTERIOR
RECALCHEK OUR ADVICE APPENDIX	REFERENCE		
	This is a copy of our home ir	nspection contract and outlines	7
	the terms, limitations and co	nditions of the home inspection	
THIS CONTRACT LIMITS TH	IE LIABILITY OF THE HOME INSPEC	TION COMPANY.	
PLEASE READ CAREFULLY E	BEFORE SIGNING.		
is performed in substantial We comply with the Standa	l accordance with the <b>STANDARDS</b> ards, inspecting every listed item, a	Inspector and the Home Inspection <b>OF PRACTICE</b> of the Ontario Associ although we do not include descripti wnload.php?id=138. There is also a	ation of Home Inspectors. ons of all items. To review
The Home Inspector's repo readily accessible features		dition of the property, based on a vis	sual examination of the
In addition to the limitation out in this Agreement.	וs in the STANDARDS, the Inspectic	on of this property is subject to Limita	ations and Conditions set
LIMITATIONS AND CONDITI	IONS OF THE HOME INSPECTION		
The focus of the home insp	ection is on major issues that may	affect a reasonable person's decisior	n to buy a home.
	e Inspectors do not perform calcul	home inspection is a non-invasive pa ations to determine whether mecha	
1) THE INSPECTION IS NOT	TECHNICALLY EXHAUSTIVE.		
	come across some smaller issues. T	thaustive. The focus is on major issue hese are included in the report as a c	_
Establishing the significance be required.	e of an issue may be beyond the so	cope of the inspection. Further evalua	ation by a specialist may
	e both services available. By accept	nspection of the home that provides ing this agreement, you acknowledg	
	t any conditions noted in the Home ide a more detailed analysis.	Inspection Report, we strongly reco	mmend that you consult a

				lo. 86223, v.2 arsondunlop.com
1584 Dundas St E, Toronto, ON overview roofing exterior	October 13, 2023 STRUCTURE ELECTRICA	HEATING COOLING	INSULATION PLUMBING	
RECALCHEK OUR ADVICE APPENDIX	REFERENCE		INSOLATION TEOMBIN	
2) THE INSPECTION IS AN C	OPINION OF THE PRESENT CONDIT	TION OF THE VISIBLE COMPONENTS	S.	
-		are hidden behind walls, floors or cooling, structure, plumbing and i		
example, your Home Inspe	ector may not discover leaks that	tion because they only happen und occur only during certain weather		
tap or appliance is being u				
-		by finishes, storage or furnishings carpet) or move storage or furnitu		
– roof shingles, siding, mas	sonry, windows, interior doors, el	e are several similar items. The list actrical wiring, receptacles and sw ers, and floor, wall and ceiling surf	itches, plumbing pipes,	
3) THIS IS NOT A CODE-COI	MPLIANCE INSPECTION			
as building codes, electrica		ect of the property complies with c.), regulations, laws, by-laws, ord I not comply with current codes.		
4) THE INSPECTION DOES N	NOT INCLUDE HAZARDOUS MATEI	RIALS.		
formaldehyde based insula roofing, siding, wall, ceiling	ation, fiberglass insulation and ve	osing a risk to health such as pher rmiculite insulation. Inspectors do eproofing. Inspectors do NOT look cientists can help in these areas.	NOT identify asbestos in	
-		uch as the past use of insecticides, n, the past use of chemical termite	-	
5) WE DO NOT COMMENT	ON THE QUALITY OF AIR IN A BUI	LDING.		
The Inspector does not det building.	termine if there are irritants, poll	itants, contaminants, or toxic mat	erials in or around the	
		ildew. You should note that when ew may be present, unseen behin	•	
	• •	sensitivity to quality of air, we stro or toxic materials, mould and aller	• • •	

<b>APPEN</b> 1584 Duno	<b>NDIX</b> das St E, Toronto,	ON October 13	s, 2023				Report No.	86223, v.2 ndunlop.com
OVERVIEW	ROOFING EXT	ERIOR STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
RECALCHEK	OUR ADVICE APP							
	6) WE DON'T LOOK	FOR BURIED TANKS.						
	other storage tanks	o not look for fuel oil, se s on the property, you n there is a buried tank, w	nay be responsible f	or their removal	and the safe disp	osal of any conta	minated	
	7) CANCELLATION	EE						
	If the inspection is o	cancelled within 24 hou	rs of the appointme	nt time, a cancell	ation fee of 50% (	of the fee will app	bly.	
	8) THERMAL IMAG	NG (If included with this	s inspection)					
	of this equipment i	al imager by your home mproves the odds of de k the thermal signature	tecting a moisture i	ssue, it is not a g	uarantee, as num	erous environme	ental	
	9) MOULD ASSESS	MENT (If included with t	his inspection)					
	growth. Moisture r sample will be colle	ed include a complete v eadings will be collected cted. Should visible mo gation will be summarize	d throughout the ho uld growth be ident	ome. Two indoor ified, one surface	air samples and o	one outdoor refer	ence	
	10) REPORT IS FOR	OUR CLIENT ONLY.						
		ort is for the exclusive us o use of the information			vill not be release	d to others witho	ut the	
	11) NOT A GUARAN	ITEE, WARRANTY OR INS	SURANCE POLICY.					
	The inspection and	report are not a guaran	tee, warranty or an	insurance policy	with regard to the	e fitness of the pr	operty.	
	12) TIME TO INVES	TIGATE						
	-	ill have no liability for an ise changed before they				-	ed,	
	13) LIMIT OF LIABIL	ITY						
	REPORT, FOR ANY	HE HOME INSPECTOR AI CAUSE OF ACTION WHA YOU HAVE BEEN CHARG	TSOEVER, WHETHE	R IN CONTRACT C	OR IN NEGLIGENC	E, IS LIMITED TO A		
	Dunlop within 10 b inspect the claimed	hat any claim, for neglige usiness days of discover I discrepancy except for actor repairs, replaces, a	ry. Further, the clien an emergency cond	nt agrees to allow dition, before the	v Carson Dunlop e client or client's	the opportunity t agent, employee	o re- s or	

APPEN 1584 Duno	<b>NDIX</b> das St E, Tor	onto, ON	October 13, 2	2023				Report No.	86223, v.2 ndunlop.com
OVERVIEW	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
RECALCHEK	OUR ADVICE	APPENDIX	REFERENCE						

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.

	APPE	NDIX							Report No.	86223, v.2	
	1584 Duno	das St E, Tor	onto, ON	October 13, 2	2023				www.carso	ndunlop.com	
	OVERVIEW	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR	l
	RECALCHEK	OUR ADVICE	APPENDIX	REFERENCE							
Г											



# 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.

APPER	NDIX								
1584 Duno	das St E, Tor	onto, ON	October 13,	2023				www.carso	ndunlop.com
OVERVIEW	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
RECALCHEK	OUR ADVICE	APPENDIX	REFERENCE						

# INDEX

- Introduction 1.
- 2. Purpose and Scope
- General Limitations and Exclusions 3.
- 4. Structural Systems
- 5. Exterior Systems
- 6. Roof Systems
- 7. **Plumbing Systems**
- 8. Electrical Systems
- 9. Heating Systems
- 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 Inspection. 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:

Report No. 86223, v.2

- · 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.

APPEN 1584 Dunc		ronto, ON	October 13,	2023				www.carso	odzzo, v.z
OVERVIEW	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR

# 3.2 General exclusions:

APPENDIX

\_\_ \_ \_ \_ \_ \_

OUR ADVICE

RECALCHEK

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.

REFERENCE

- 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.
- 6. 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.

Penart No. 86223 v 2

- 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.
- 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;
- pools, spas and their associated safety devices, including fences.
- G. Inspectors are NOT required to:
- 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.

#### APPENDIX www.carsondunlop.com 1584 Dundas St E, Toronto, ON October 13, 2023 ROOFING COOLING INSULATION STRUCTURE PLUMBING RECALCHEK OUR ADVICE REFERENCE APPENDIX

# 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.
- 4. 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.

National Standards of Practice. © Copyright 2012 Canadian Association of Home & Property Inspectors. All Rights Reserved.

# Report No. 86223, v.2

APPENDIX	
1584 Dundas St E, Toronto, ON	October 13, 2023

www.carsondunlop.com

OVERVIEW     ROOFING     EXTERIOR     STRUCTURE     ELECTRICAL     HEATING     COOLING     INSULATION     PLUMBING     INTERIOR       RECALCHEK     OUR ADVICE     APPENDIX     REFERENCE     REFERENCE <t< th=""><th></th><th></th><th>•</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>			•							
RECALCHEK OUR ADVICE APPENDIX REFERENCE	OVERVIEW	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIO
	RECALCHEK	OUR ADVICE	APPENDIX	REFERENCE						

# 7.2 The inspector is NOT required to:

# 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.
- location of main disconnect(s) and subpanel(s).
   *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

1584 Dundas St E, Toronto, ON October 13, 2023

OVERVIEW	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
RECALCHEK	OUR ADVICE	APPENDIX	REFERENCE						

# **11. AIR CONDITIONING SYSTEMS**

# 11.1 The inspector shall:

# A. inspect

APPENDIX

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

# 13.2 The inspector is NOT required to:

# 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:

 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.

APPE	NDIX							Report No.	86223, v.2
1584 Dun	das St E, Tor	onto, ON	October 13,	www.carso	ndunlop.com				
OVERVIEW	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
RECALCHEK	OUR ADVICE	APPENDIX	REFERENCE						

# 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.

# Report No. 86223, v.2

www.carsondunlop.com

1584 Dundas St E. Toronto, ON October 13, 2023

OVERVIEW	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
RECALCHEK	OUR ADVICE	APPENDIX	REFERENCE						

# Probing

APPENDIX

Examine by touch.

# **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)

(August 22/12 VER. F)

	ERENCE LIBRARY Dundas St E, Toronto, ON October 13, 2023	Report No. 86223, v.2 www.carsondunlop.com						
OVERVI		PLUMBING INTERIOR						
RECALCI	HEK OUR ADVICE APPENDIX REFERENCE							
	nks below connect you to a series of documents that will help you understand your home an addition to links attached to specific items in the report.	d how it works. These						
Click on any link to read about that system.								
$\otimes$	01. ROOFING, FLASHINGS AND CHIMNEYS							
$\otimes$	02. EXTERIOR							
$\gg$	03. STRUCTURE							
$\odot$	04. ELECTRICAL							
$\bigcirc$	05. HEATING							
>>	06. COOLING/HEAT PUMPS							
$\bigcirc$	07. INSULATION							
$\bigcirc$	08. PLUMBING							
$\bigcirc$	09. INTERIOR							
>>	10. APPLIANCES							
$\bigcirc$	11. LIFE CYCLES AND COSTS							
$\bigcirc$	12. SUPPLEMENTARY							
	Asbestos							
	Radon							
	Urea Formaldehyde Foam Insulation (UFFI)							
	Lead							
	Carbon Monoxide Mold	S						
	Household Pests	Z						
	Termites and Carpenter Ants							
$\odot$	13. HOME SET-UP AND MAINTENANCE							
$\odot$	14. MORE ABOUT HOME INSPECTIONS							