

# YOUR INSPECTION REPORT

Inspected once, inspected right.

#### PREPARED BY

Cliff Keveryga



## FOR THE PROPERTY AT: 123 Sample Drive S.E.

Calgary, AB

## PREPARED FOR: BILL SMITH

INSPECTION DATE: Tuesday, July 24, 2012



C.H.I. Home Inspections 3 Sunwood Park S.E. Calgary, AB T2X 2V8

403-862-2230 Fax: 403-720-6008

www.calgaryhomeinspections.com cliff@calgaryhomeinspections.com









May 27, 2015

Dear Bill Smith ,

RE: Report No. 1004, v.4 123 Sample Drive S.E. Calgary, AB

Thanks very much for choosing us to perform your home inspection. The inspection itself and the attached report comply with the requirements of the Standards of Practice of our national Association. This document, which is included at the end of the report for your perusal, defines the scope of a home inspection.

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

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

The report is effectively a snapshot of the house, recording the conditions on a given date and time. Home inspectors cannot predict future behavior, and as such, we cannot be responsible for things that occur after the inspection. If conditions change, we are available to revisit the property and update our report.

The report itself is copyrighted, and may not be used in whole or in part without our express written permission. Again, thanks very much for choosing us to perform your home inspection. We offer a full satisfaction guarantee, and will return your fee in full if you are not satisfied at any time.

Sincerely,

Cliff Keveryga on behalf of C.H.I. Home Inspections

> C.H.I. Home Inspections 3 Sunwood Park S.E. Calgary, AB T2X 2V8 403-862-2230 Fax: 403-720-6008 www.calgaryhomeinspections.com cliff@calgaryhomeinspections.com

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123 Sample Drive S.E., Calgary, AB July 24, 2012

SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
BATHROOM	KITCHEN	SITE DATA							

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

## Roofing

#### **<u>RECOMMENDATIONS \ Overview</u>**

**Condition:** • The Inspector recommends, that you consult with a qualified roofing contractor to discuss options and a current assessment be performed.

Location: Roof

Task: Further evaluation Contact a licensed and qualified roofing contractor Time: Immediate

## Exterior

#### WALLS \ Trim

Condition: • Maintaining wood trim - Exterior wood needs regular maintenance to prolong the life expectancy. Recommend annual inspections and provide paint and caulking when necessary. The wood should be checked for any rot when preparing to paint and the wood should repaired or replaced if necessary Location: Throughout Exterior wall Task: Correct/Improve Time: Earliest opportunity

#### WALLS \ Brick, stone and concrete

Condition: • Parging damaged or missing Observations Cement parging is flaking/deteriorated, this is extremely common and decorative but suggest review for repair as necessary to protect the foundation wall from premature aging. Implication(s): Chance of damage to structure | Shortened life expectancy of material Location: Various Exterior wall Task: Correct/Improve Time: Earliest opportunity

## Heating

#### <u>General</u>

• The Inspector recommends that furnace cleaning, service and certification be performed by a qualified contractor, with measurements according to the data plate.

Location: Basement Utility room

 $\textbf{Task:} \ \textbf{A qualified HVAC company should be contacted for this item Service Clean}$ 

Time: Immediate

SUMM 123 Samp	<b>ARY</b> ble Drive S.E	., Calgary, A	.B July 24,		www.	Report No			
SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
BATHROOM	KITCHEN	SITE DATA							
GAS FUR	NACE \ Mid-	- and high-e	fficiency ga	<u>s furnace</u>					
Condition	: • <u>Condens</u>	ate problem	<u>S</u>						
here was	a past leak	observed fro	m the induce	er fan casing	at the time o	f the inspec	tion. Would re	ecommend ha	aving this
erviced b	y a qualified	HVAC comp	any as soon	as possible.	Please oper	n link to view	a video of th	e leak.	
ttps://you	tu.be/ySNha	cJpFXY							
-			amage to con	tents, finishe	es and/or stru	icture   Redi	uced system I	ife expectanc	су
	Basement U								
•		C company s	should be cor	ntacted for th	is item				
Time: Imm	nediate								
ATTIC/RO Condition	on and V OF \ Insulat : • <u>Gaps or v</u> on(s): Increas	t <mark>ion</mark> voids	and cooling c	osts   Reduc	ed comfort				
•	• •	•	throom, bedr	•					
	rect/Improve		·						
Time: Earl	liest opportui	nity							
	OF \ Hatch								
	: • <u>Not insul</u>	<u>ated</u>							
Missing In									
			l is a big hole		-				
thermal ba	rrier betwee	n the attic ar	nd the conditi	on space. Th	his dap in the				

thermal barrier between the attic and the condition space. This gap in the attic insulation increases heat loss in the winter and heat gain in the summer. An unsealed attic access can potentially leak the same amount of air supplied by a typical bedroom-heating duct (100 CFM). To insulate an attic access, a lightweight, move able box or panel can be constructed from rigid foam to fit over the access from the attic side. Would recommend having the builder correct this issue as soon as possible. Implication(s): Increased heating and cooling costs | Reduced comfort

Location: Middle Third Floor Hallway Bathroom Task: Repair

Time: Immediate

## Plumbing

## SUPPLY PLUMBING \ Shut off valve

### Condition: • Leak

The main shut off for the bathroom sink was leaking at the time of the inspection. Would contact a qualified plumber to address this issue.

Implication(s): Chance of water damage to contents, finishes and/or structure | No water

Location: Second floor Bathroom Hallway bathroom

Task: Repair A qualified plumbing company should be contacted for this item

## SUMMARY

123 Sample Drive S.E., Calgary, AB July 24, 2012

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SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
BATHROOM	KITCHEN	SITE DATA							

Time: Immediate

#### WASTE PLUMBING \ Traps - performance

Condition: • Leak Copy and open link to view video. https://youtu.be/4oG9WgxbXf0 Implication(s): Sewage entering the building Location: Basement Bathroom Task: Repair Time: Immediate

#### FIXTURES AND FAUCETS \ Toilet

Condition: • Leakage at the toilet water supply connection was observed at the time of the inspection. The Inspector recommends supply pipe replacement by a qualified plumbing contractor to avoid future damage from leakage or failure.
 Location: Main floor Bathroom
 Task: Repair A qualified plumbing company should be contacted for this item

Time: Immediate

### Kitchen

#### **DISHWASHER \ Door Seal**

Condition: • Unit is leaking Would contact a qualified appliance repair company to fix this as soon as possible. Location: Main floor Kitchen Task: Repair Time: Immediate

This concludes the Summary section.

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

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

Home Improvement - ballpark costs

<b>ROOFING</b> 123 Sample Drive S.E., Calgary, AB July 24, 2012	Report No. 1004, v.4 www.calgaryhomeinspections.com
SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING	INSULATION PLUMBING INTERIOR
BATHROOM KITCHEN SITE DATA	
Description	
<section-header><section-header><section-header></section-header></section-header></section-header>	
Sloped roof flashing material: • Metal Probability of leakage: • High	

## **Observations and Recommendations**

#### **RECOMMENDATIONS \ Overview**

Condition: • The Inspector recommends, that you consult with a qualified roofing contractor to discuss options and a current assessment be performed.
 Location: Roof
 Task: Further evaluation Contact a licensed and qualified roofing contractor
 Time: Immediate

#### SLOPED ROOFING \ Wood shingles and shakes

#### Condition: • Old, worn out Implication(s): Chance of water damage to contents, finishes and/or structure

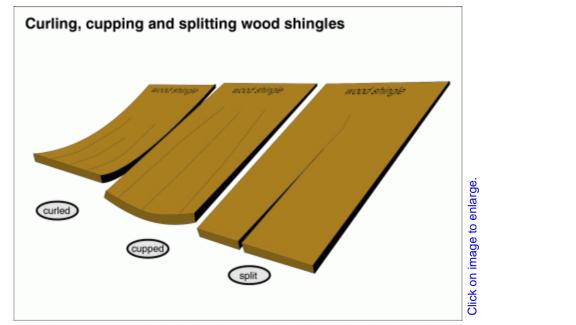
Report No. 1004, v.4

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## ROOFING

123 Sample Drive S.E., Calgary, AB July 24, 2012



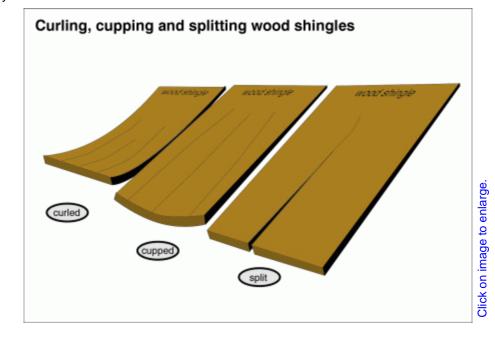


#### Condition: • <u>Near end of life expectancy</u>

Would recommend contacting a roofing company to address this concern. **Implication(s)**: Chance of water damage to contents, finishes and/or structure

#### Condition: • Cupping, curling

Implication(s): Chance of water damage to contents, finishes and/or structure Location: Throughout Roof Task: Replace Time: Less than 1 year



ROOF	ING							Report No	. 10
	ole Drive S.E	., Calgary, A	B July 24,	2012			www.c	algaryhomeins	pecti
SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	
BATHROOM	KITCHEN	SITE DATA							

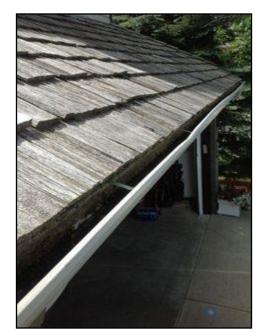
2. Cupping, curling

Condition: • Moss, mildew, etc.

Implication(s): Chance of water damage to contents, finishes and/or structure Location: Various North Cold Room Roof

Task: Repair

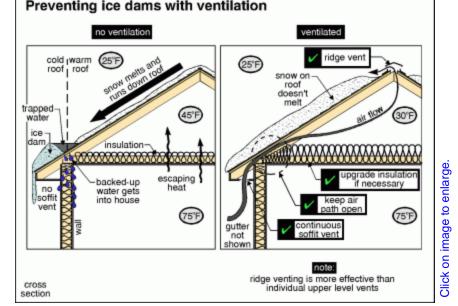
Time: Immediate



3. Moss, mildew, etc.

Condition: • Vulnerable to ice damming Implication(s): Chance of water damage to contents, finishes and/or structure ctions.com

ROOF	ING							Report No	. 1004, v.4
123 Sam	ole Drive S.E	., Calgary, A	B July 24,	2012			www.	calgaryhomeins	pections.com
SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
BATHROOM	KITCHEN	SITE DATA							
		Prevent	ting ice dan	ns with vent	ilation				



#### SLOPED ROOF FLASHINGS \ Roof/wall flashings

Condition: • Damage, loose, open seams, patched Implication(s): Chance of water damage to contents, finishes and/or structure Location: Various Roof Task: Repair Time: Immediate



4. Damage, loose, open seams, patched

**Condition:** • <u>Rust</u> Rust is present in the valley of this roof

	ROOM KITCHEN SITE DATA						Report No. 1004, v.4 www.calgaryhomeinspections.com				
SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR		
BATHROOM	KITCHEN	SITE DATA									
-	Northwest R ace		amage to con	tents, finishe	s and/or stru	ıcture					
Limitatic	ons and [	Disclaime	ers								

Roof inspection limited/prevented by: • Lack of access (too high/steep) • Lack of access (too slippery/fragile)

Inspection performed: • With binoculars from the ground • From roof edge • From the ground

<b>EXTERIOR</b> 123 Sample Drive S.E., Calgary, AB July 24, 2012	Report No. 1004, v.4 www.calgaryhomeinspections.com
SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING	INSULATION PLUMBING INTERIOR
BATHROOM KITCHEN SITE DATA	
Description	
Gutter & downspout material: • <u>Aluminum</u>	
Gutter & downspout type: • Eave mounted	
Gutter & downspout discharge: • Above grade	
Downspout discharge: • Above grade	
Lot slope: • Away from building	
Wall surfaces - wood: • Hardy Board	
Wall surfaces - masonry: • Minor horizontal crack above lintel above garage door.	Limestone
Wall surfaces - masonry: • Brick	
Wall surfaces: • EIFS	
Soffit and fascia: • <u>Aluminum</u>	
Driveway: • Concrete	
Walkway: • Concrete • No performance issues were noted.	
Deck:      Raised      Synthetic wood      No performance issues were noted	
Exterior steps: • No performance issues were noted.	

Balcony: • Wood • Metal railings

Fence: • Wood • No performance issues were noted.

## Observations and Recommendations

#### WALLS \ Trim

Condition: • Maintaining wood trim - Exterior wood needs regular maintenance to prolong the life expectancy. Recommend annual inspections and provide paint and caulking when necessary. The wood should be checked for any rot when preparing to paint and the wood should repaired or replaced if necessary Location: Throughout Exterior wall Task: Correct/Improve Time: Earliest opportunity

EXTERIOR				Report No. 1004, v.4
123 Sample Drive S.E	., Calgary, AB July 24, 201	12	wv	vw.calgaryhomeinspections.com
SUMMARY ROOFING	EXTERIOR STRUCTURE EL	ECTRICAL HEATING	COOLING INSULATIO	N PLUMBING INTERIOR
BATHROOM KITCHEN	SITE DATA			

6. Missing paint or caulking

5. Missing paint or caulking

#### WALLS \ Brick, stone and concrete

Condition: • Parging damaged or missing Observations Cement parging is flaking/deteriorated, this is extremely common and decorative but suggest review for repair as necessary to protect the foundation wall from premature aging. Implication(s): Chance of damage to structure | Shortened life expectancy of material Location: Various Exterior wall Task: Correct/Improve Time: Earliest opportunity

Report N	o. 1004,	v.4
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## EXTERIOR

123 Sample		Calgary, A	B July 24,	2012			www.c	calgaryhomeinsp	ections.com
SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
BATHROOM	KITCHEN	SITE DATA							

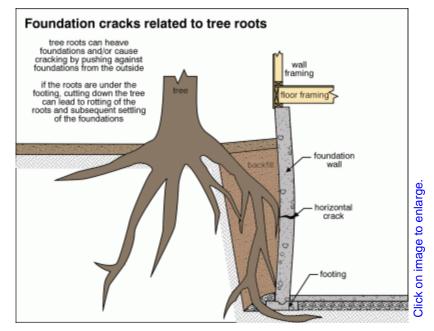
7. Parging damaged or missing

	CTURE	., Calgary, A	B July 24,		Report No. 1004, v.4 www.calgaryhomeinspections.com						
SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR		
BATHROOM	KITCHEN	SITE DATA									
Description											
Configuration: • Basement											
Foundatio	on material:	• Poured co	ncrete • Not	visible							
Floor con	struction: •	This home h	nas a finisheo	basement.							
Floor con	struction: •	Not visible	<ul> <li>Subfloor - p</li> </ul>	lywood							
Exterior w	all construe	ction: • Bas	ement is finis	hed not visib	le						
Exterior w	all construe	ction: • <u>Woo</u>	od frame • N	ot visible							
Roof and ceiling framing: • Rafters/roof joists • Trusses • OSB (Oriented Strand Board) sheathing											

## **Observations and Recommendations**

#### **FOUNDATIONS \ Foundation**

Condition: • Large trees close to building Implication(s): Weakened structure | Chance of structural movement Location: Front Yard Task: Monitor Time: Regular maintenance



STRU	CTURE				Report No	. 1004, v.4			
		., Calgary, A	B July 24,	www.calgaryhomeinspections.					
SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR

BATHROOM

KITCHEN

Limitations and Disclaimers

Attic/roof space: 
 Inspected from access hatch

Percent of foundation not visible: • 99 %

SITE DATA

Inspected once, inspected right.

Report No. 1004, v.4

ELECTRICAL www.calgaryhomeinspections.com 123 Sample Drive S.E., Calgary, AB July 24, 2012 STRUCTURE ELECTRICAL COOLING INSULATION PLUMBING ROOFING BATHROOM SITE DATA Description Service entrance cable and location: • Underground aluminum Service size: • 200 Amps (240 Volts) Main disconnect/service box rating: • 100 Amps Main disconnect/service box type and location: • Breakers - basement System grounding material and type: • Copper - water pipe and ground rod • Not visible Distribution panel rating: • 100 Amps Distribution panel type and location: • Breakers - basement Auxiliary panel (subpanel) rating: • 60 Amps Auxiliary panel (subpanel) type and location: • Breakers - basement Distribution wire material and type: • Copper - non-metallic sheathed Type and number of outlets (receptacles): • Grounded - typical Circuit interrupters: Ground Fault (GFCI) & Arc Fault (AFCI): • GFCI - bathroom and exterior Smoke detectors: • Would recommend new smoke detectors be installed when new clients move in Smoke detectors: • Present Carbon monoxide (CO) detectors: • Present

## **Observations and Recommendations**

#### **DISTRIBUTION SYSTEM \ Cover plates**

Condition: • Missing These cover plates should be replaced as soon as possible, as this is a safety issue. Implication(s): Electric shock Location: Basement



<sup>8.</sup> Missing

ELECTRICAL
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123 Samp	ole Drive S.E	., Calgary, A	B July 24,	2012	www.calgaryhomeinspections.com						
SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR		
BATHROOM	KITCHEN	SITE DATA									
Limitations and Disclaimers											

## Inspection limited/prevented by: • Storage

System ground: • Not accessible

Inspected once, inspected right.

 Report No. 1004, v.4

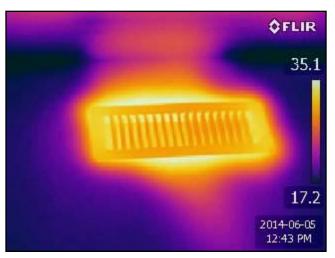
 123 Sample Drive S.E., Calgary, AB
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 SUMMARY
 ROOFING
 EXTERIOR
 STRUCTURE
 ELECTRICAL
 HEATING
 COOLING
 INSULATION
 PLUMBING
 INTERIOR

 BATHROOM
 KITCHEN
 SITE DATA
 Description

#### Description

**General:** • All heat registers are tested using thermal imaging to ensure they are operating consistently as required.



9. All heat registers are tested using thermal...

Fuel/energy source: • Gas

System type: • Furnace

Furnace manufacturer: 
 Lennox

Heat distribution: • Ducts and registers

Approximate capacity: 
 • <u>80,000 BTU/hr</u>

Efficiency: • Mid-efficiency

Exhaust venting method: • Direct vent - sealed combustion

Approximate age: • <u>5 years</u>

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

Main fuel shut off at: • Above hot water tank next to furnace.

Main fuel shut off at: • Basement • Utility room

Failure probability: • Low

Exhaust pipe (vent connector): • Type C

Auxiliary heat: 
• <u>Wood fireplace</u>

Chimney/vent: • Metal

Chimney liner: • Not visible

Combustion air source: • Outside - sealed combustion

#### Humidifiers:

<u>Trickle/cascade type</u>

<b>HEATING</b> 123 Sample Drive S.E., Calgary, AB July 24, 2012	Report No. 1004, v.4 www.calgaryhomeinspections.com
SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL	HEATING COOLING INSULATION PLUMBING INTERIOR
BATHROOM KITCHEN SITE DATA	
Trickle humidifier	Gitted to the solution of the

Mechanical ventilation system for home: • Ventilation fan

Mechanical ventilation system for home: • Principal exhaust fan • Kitchen exhaust fan • Bathroom exhaust fan

### Observations and Recommendations

#### <u>General</u>

• Furnaces should be serviced (tuned) every 2-3

years or as required by manufacturer. Duct cleaning should be considered if pets have lived in home and then typically every 4-5 years to remove dust buildup in ducts. Filters should be cleaned every 1-2 months.

• The Inspector recommends that furnace cleaning, service and certification be performed by a qualified contractor, with measurements according to the data plate.

Location: Basement Utility room

**Task**: A qualified HVAC company should be contacted for this item Service Clean **Time**: Immediate

#### GAS FURNACE \ Mid- and high-efficiency gas furnace

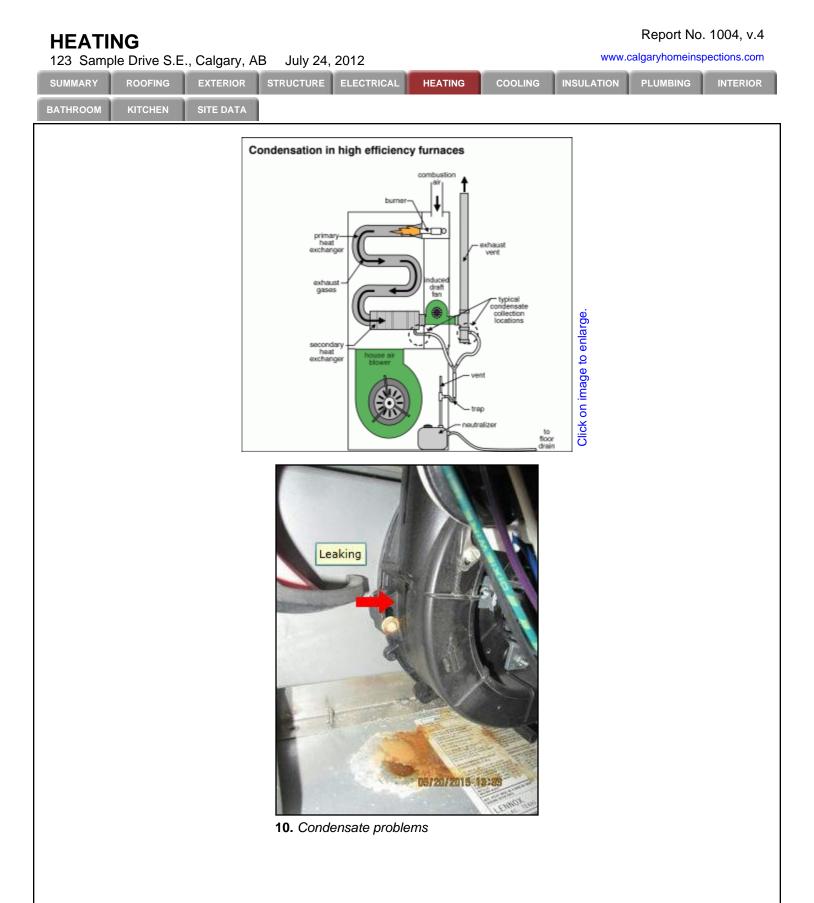
#### Condition: • Condensate problems

There was a past leak observed from the inducer fan casing at the time of the inspection. Would recommend having this serviced by a qualified HVAC company as soon as possible. Please open link to view a video of the leak. https://youtu.be/ySNhacJpFXY

**Implication(s)**: Chance of water damage to contents, finishes and/or structure | Reduced system life expectancy **Location**: Basement Utility room

Task: A qualified HVAC company should be contacted for this item

Time: Immediate



## HEATING

#### Report No. 1004, v.4

 123 Sample Drive S.E., Calgary, AB
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 www.calgaryhomeinspections.com

 SUMMARY
 ROOFING
 EXTERIOR
 STRUCTURE
 ELECTRICAL
 HEATING
 COOLING
 INSULATION
 PLUMBING
 INTERIOR

 BATHROOM
 KITCHEN
 SITE DATA
 SITE DATA
 Inspection prevented/limited by: • Restricted access
 Safety devices: • Not tested as part of a building inspection

 Heat loss calculations:
 • Not done as part of a building inspection
 Heat exchanger: • Not visible

Inspected once, inspected right.

		EAT PU ., Calgary, A		www.	Report No	,						
SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR			
BATHROOM	KITCHEN	SITE DATA										
Descrip	Description											

**General:** • The components of most heating and air-conditioning systems have a design-life ranging from ten to twenty years, dependant on the climate zone, but can fail prematurely with poor maintenance. We test and evaluate heating and air-conditioning systems in accordance with industry standards, which means that we do not attempt to dismantle any portion of them, or evaluate the following concealed components: the heat exchanger, or firebox, electronic air-cleaners, humidifiers, and in-line duct motors or dampers. We are not able to test the operation of air conditioning systems in cold weather or of systems that are shut down at the time of the inspection. You should also be aware that we do not evaluate or endorse any invented heating devices that utilize fossil fuels, the presence of which sometimes confirms the inadequacy of the primary heating system. However, these and every other fuel burning appliances that are not vented are potentially hazardous. They can include open flames or heated elements, which are capable of igniting any of the myriad flammable materials found in the average home. Also, even the most modern of these appliances can produce carbon monoxide, which in a sealed or poorly ventilated room can result in sickness, debilitating injury, and even death. We perform a conscientious evaluation of heating and air-conditioning systems, but we are not specialists. Therefore, it is imperative that any recommendation that we may make for service, or a second opinion, be scheduled within the inspection period, or before the close of escrow, because a specialist could reveal additional defects or recommend further upgrades that could affect your evaluation of the property, and our service does not include any form of warranty or guarantee.

#### General: • Split system description

The air conditioning system was a split system in which the cabinet housing the compressor, cooling fan and condensing coils was located physically apart from the evaporator coils.

As is typical with split systems, the compressor/condenser cabinet was located at the home's exterior so that the heat collected inside the home could be released to the outside air.

Evaporator coils designed to collect heat from the home interior were located inside a duct at the furnace

**General:** • The air conditioning is part of the Condo/Townhouse Apartment High Rise. Unit is located on the roof, access was not provided and is beyond the scope of the inspector.

Air conditioning type: • <u>Air cooled</u> Manufacturer: • Lennox Cooling capacity: • <u>30,000 BTU/hr</u> Compressor type: • Gas Compressor approximate age: • 5 years Typical life expectancy: • 12 to15 years Failure probability: • Low

Evaporative cooler damper location: 
• <u>Right side of building</u>

## COOLING & HEAT PUMP

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123 Sample Drive S.E., Calgary, AB July 24, 2012

SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTE			

BATHROOM KITCHEN SITE DATA

## **Observations and Recommendations**

#### AIR CONDITIONING \ General

**Condition:** • Servicing the air conditioner unit every two years is recommended.

#### Limitations and Disclaimers

Heat gain calculations: • Not done as part of a building inspection

Heat gain/loss calculations: • Not done as part of a building inspection

## **INSULATION AND VENTILATION**

Report No. 1004, v.4

www.calgaryhomeinspections.com 123 Sample Drive S.E., Calgary, AB July 24, 2012 ROOFING STRUCTURE ELECTRICAL COOLING INSULATION PLUMBING SITE DATA Description Attic/roof insulation material: • Cellulose Attic/roof insulation amount/value: • Recommend top up for attic insulation. Attic/roof insulation amount/value: • Not determined Attic/roof ventilation: 

• Roof and soffit vents Attic/roof air/vapor barrier: • Plastic Wall insulation material: • Not visible Wall insulation amount/value: • Not determined Foundation wall insulation material: • Not determined Foundation wall insulation amount/value: • Not determined • Not visible Observations and Recommendations

#### ATTIC/ROOF \ Insulation

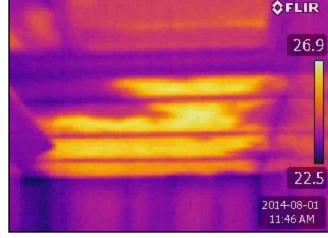
Condition: • Gaps or voids

Implication(s): Increased heating and cooling costs | Reduced comfort Location: Second floor Hallway bathroom, bedroom

Task: Correct/Improve

Time: Earliest opportunity





12. Gaps or voids

#### 11. Gaps or voids

## ATTIC/ROOF \ Hatch

## Condition: • Not insulated

Missing Insulation

An attic access that is not insulated is a big hole and deficiency in the thermal barrier between the attic and the condition space. This gap in the attic insulation increases heat loss in the winter and heat gain in the summer. An unsealed attic access can potentially leak the same amount of air supplied by a typical bedroom-heating duct (100 CFM). To insulate an attic

## INSULATION AND VENTILATION

Report No. 1004, v.4

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SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR				
BATHROOM	KITCHEN	SITE DATA											

access, a lightweight, move able box or panel can be constructed from rigid

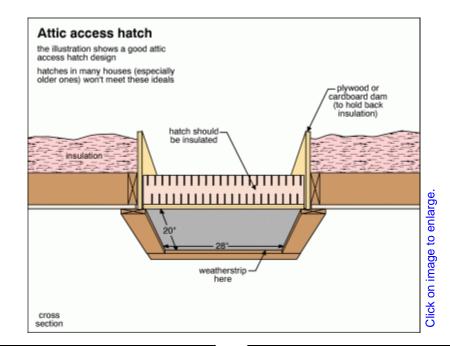
foam to fit over the access from the attic side. Would recommend having the builder correct this issue as soon as possible.

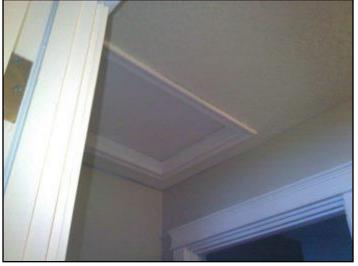
Implication(s): Increased heating and cooling costs | Reduced comfort

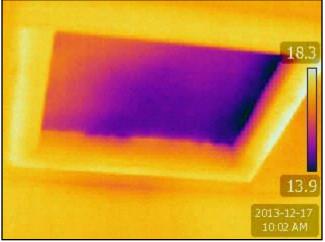
Location: Middle Third Floor Hallway Bathroom

Task: Repair

#### Time: Immediate





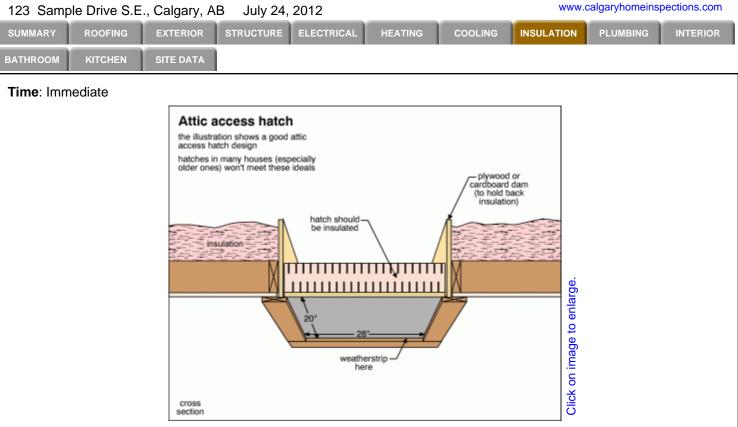


14. Not insulated

13. Not insulated
Condition: • Missing
Implication(s): Difficult to service
Location: Middle Third Floor Hall
Task: Improve

## **INSULATION AND VENTILATION**

Report No. 1004, v.4



### Limitations and Disclaimers

Inspection prevented by no access to: • Knee wall areas

Attic inspection performed: • From access hatch

Mechanical ventilation effectiveness: • Not verified

## PLUMBING

123 Sample Drive S.E., Calgary, AB July 24, 2012 www.calgaryhome											
SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING	COOLING INSULATION PLUMBING INTERIOR										
BATHROOM KITCHEN SITE DATA											
Description											
Water supply source: • Public											
Service piping into building: • <u>Plastic</u>											
Supply piping in building: • Polybutylene (PB)											
Main water shut off valve at the: • Basement • Utility room • Meter											
Water flow and pressure: • Typical for neighborhood											
Water heater fuel/energy source: • Gas											
Water heater type: • Conventional											
Water heater manufacturer: • Bradford White											
Tank capacity: • 75 gallons											
Water heater approximate age: • 1 year											
Typical life expectancy: • 8 to 12 years											
Water heater failure probability: • Low											
Hot water circulating system: • Present											
Waste disposal system: • Public											
Waste and vent piping in building: • Plastic											
Pumps: • <u>Sump pump</u>											
Floor drain location:  • Near heating system											
Water treatment system: • Water softener											
Gas piping: • Steel											

## **Observations and Recommendations**

#### **RECOMMENDATIONS \ Overview**

**Condition:** • The best way to protect against Sewage Backup is to install Sewer Backflow Valves, which are designed to block the backflow of sewage into the home. Canadian Insurance Companies may require a Backflow Valve be installed in order to Qualify for an Insurance Policy. Recommend: Certified Plumber - Scope Sewer Line to Assess the Integrity of your System.

#### SUPPLY PLUMBING \ Shut off valve

Condition: • Leak

The main shut off for the bathroom sink was leaking at the time of the inspection. Would contact a qualified plumber to address this issue.

Implication(s): Chance of water damage to contents, finishes and/or structure | No water

Location: Second floor Bathroom Hallway bathroom

Task: Repair A qualified plumbing company should be contacted for this item

Time: Immediate

## www.calgaryhomeinspections.com 123 Sample Drive S.E., Calgary, AB July 24, 2012 SUMMARY STRUCTURE INSULATION PLUMBING SITE DATA Main shut off valve - stop and waste stop and waste valves are not full bore valves they are not common on new installations and are not permitted in all jurisdictions floor framing these should not be used where the valve may become submerged since the waste creates a ÷C 0 potential cross connection 'n, on image to enlarge. wall. foundation wate meter stop and waste valve - has bleed valve **downstream** of valve (for draining water out of the supply pipes for repairs) ut off Click valve cross Leaking



#### WASTE PLUMBING \ Traps - performance

**PLUMBING** 

Condition: • Leak Copy and open link to view video. https://youtu.be/4oG9WgxbXf0 Implication(s): Sewage entering the building Location: Basement Bathroom Task: Repair Time: Immediate

#### FIXTURES AND FAUCETS \ Toilet

Condition: • Leakage at the toilet water supply connection was observed at the time of the inspection. The Inspector

Report No. 1004, v.4

Report No. 1004, v.4

## PLUMBING

123 Sam	ole Drive S.E	., Calgary, A		www.calgaryhomeinspections.com					
SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
BATHROOM	KITCHEN	SITE DATA							

recommends supply pipe replacement by a qualified plumbing contractor to avoid future damage from leakage or failure. **Location**: Main floor Bathroom

**Task**: Repair A qualified plumbing company should be contacted for this item **Time**: Immediate



16. Leakage at the toilet water supply...

## Limitations and Disclaimers

Fuel supply/energy source: • Shut off

Report No. 1004, v.4

## INTERIOR

123 Sample Drive S.E., Calgary, AB       July 24, 2012       www.calgaryhomeinspections.com										
SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR										
BATHROOM KITCHEN SITE DATA										
Description										
<b>General:</b> • Minor interior wear and deterioration The home showed moderate general wear and deterioration commensurate with its age.										
Major floor finishes: • <u>Carpet</u> • <u>Hardwood</u> • <u>Quarry tile</u> • Vinyl										
Major wall finishes: • Gypsum board										
Major ceiling finishes: • <u>Stucco/texture/stipple</u>										
Major wall and ceiling finishes: • Stucco/texture/stipple • Gypsum board										
Windows: • Fixed • Casement • Awning • Wood										
Glazing: • Double										
Exterior doors - type/material: • Hinged • Metal • Garage door - metal										
Doors:  • Inspected										
Oven type:  • Conventional • Convection										
Range fuel: • Electricity										
Appliances: • Refrigerator • Range hood • Dishwasher • Waste disposal • Microwave oven • Door bell										
Laundry facilities: • Washer • Hot/cold water supply • Dryer • 240-Volt outlet • Waste standpipe										
Stairs and railings:  Inspected										
Inventory Cooktop: • Kenmore										
Inventory Garbage disposal: • Waste King										
Inventory Dishwasher: • default note										
Inventory Garage Door Opener: • Garage sensors are working as to manufactures specs.										
Inventory Garage Door Opener:										
Inventory Range: • Kenmore										
Inventory Refrigerator:    Kenmore Elite										
Inventory Thermostat: • Honeywell										
Inventory Wall Oven: • Kenmore										
Inventory Washing Machine: • Kenmore										
Inventory Water Heater: • Bradford White										
Observations and Recommendations										

## Observations and Recommendations

#### WALLS \ Plaster or drywall

Condition: • Damaged Implication(s): Cosmetic defects Location: Second floor Bedroom #1 Task: Correct/Improve Time: Earliest opportunity

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INTER	IOR		Report No						
123 Samp	le Drive S.E	., Calgary, A	B July 24,	2012			www.	calgaryhomeins	pections.com
SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
BATHROOM	KITCHEN	SITE DATA							
							-		
			-		1				
					4				



#### WINDOWS \ Glass (glazing)

Condition: • Excess condensation

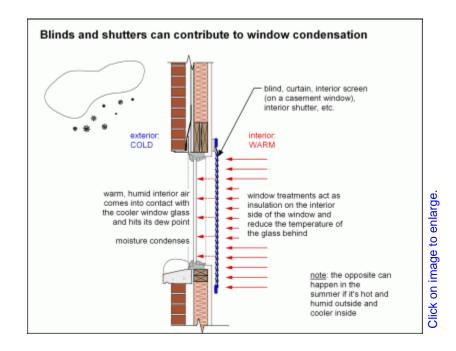
Many of the window sills had water staining from what appeared to be from condensation. This is a result of high humidity and should always be monitored. These problems may impact window performance, leakage of water and air and operation problems are likely results.

Implication(s): Chance of condensation damage to finishes and/or structure

Location: Main floor

Task: Repair

Time: Immediate



Inspected once, inspected right.

INTERIOR	Report No. 1004, v.4
123 Sample Drive S.E., Calgary, AB July 24, 2012	www.calgaryhomeinspections.com
SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLI	ING INSULATION PLUMBING INTERIOR
BATHROOM KITCHEN SITE DATA	
UE/ 05/ 2019	5 11:56

**18.** Excess condensation

#### WINDOWS \ Storms and screens

#### Condition: • Missing

Implication(s): Chance of pests entering building | Increased heating costs | Reduced comfort Location: Basement Office

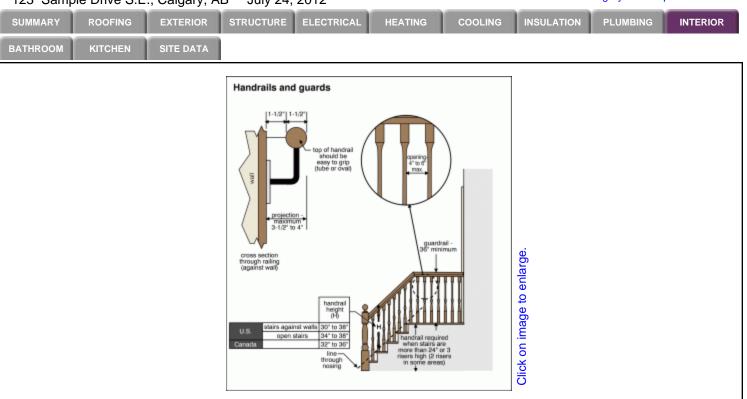
Task: Replace Time: Discretionary

#### STAIRS \ Handrails

Condition: • <u>Missing</u> Implication(s): Fall hazard Location: Basement Staircase Task: Replace Time: Immediate

#### **INTERIOR** 123 Sample Drive S.E., Calgary, AB July 24, 2012

WWW.C2	aldar∖	/homeins	spections	com



#### GARAGE \ Floor

Condition: • <u>Cracked</u> Implication(s): Uneven floors Location: Middle Garage Task: Repair Time: Discretionary

#### Limitations and Disclaimers

Inspection limited/prevented by: • Carpet • Storage/furnishings • Storage in closets/cupboards

**Restricted access to:** • Basement • Bathroom • Bedroom • Dining room • Family room • Kitchen • Living room • Master bedroom • Utility room • Crawlspace • Furnace room • Garage • Cupboards and cabinets

Not included as part of a building inspection: • Carbon monoxide detectors, security systems, central vacuum • Appliances

Percent of foundation not visible: • 99 %

Basement leakage: • Cannot predict how often or how badly basement will leak • Storage in basement limited inspection

BATHROOM

123 Sample Drive S.E., Calgary, AB July 24, 2012					www.calgaryhomeinspections.com				
SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
BATHROOM	KITCHEN	SITE DATA							
Descrip	otion								
Floors: •	Tile								
Doors: •	nollow core w	wood							
Windows	• Glass blo	ck							
Windows	• vinyl • ca	sement • fix	ed • double	pane					
Electrical	• GFCI								
Counter:	One piece	cultured mar	ble.						
Cabinet: • pre-fabricated									
Tub: • jetted									
Shower: • stall • tub/shower combo • tile									
Tub surround: • tile • pre-fabricated									
Heat sour	ce: • registe	er							
Ventilation: • fan									

Report No. 10	04,	v.4
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KITCH 123 Samp		., Calgary, A	B July 24,	2012	
SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING
BATHROOM	KITCHEN	SITE DATA	1		

www.calgaryhomeinspections.com COOLING INSULATION

PLUMBING

BATHROOM KITCHEN SITE DATA
Description
General: • Kitchen Cabinets No deficiencies observed on all kitchen cabinets.
<b>General:</b> • The sink faucet is functional. No active leak seen. No leaking at time of inspection.
Counter Type:      Arborite Countertop Laminates
Counter Type:  • Granite
<b>Range/ Cooktop:</b> • The electrical stove/range elements at the time of inspection appeared to function properly. These can fail at anytime without warning. No warranty, guarantee, or certification is given as to future failure.
Range/ Cooktop: • Electric
<b>Number of Ovens:</b> • The electric oven elements at the time of inspection appeared to function properly. These can fail at anytime without warning. No warranty, guarantee, or certification is given as to future failures.
Number of Ovens: • 1
Hood/ Fan: • Discharges to the outside.
Hood/ Fan:  • Appears Functional
Garbage Disposal:  • Appears Functional
Plumbing:  • Appears Functional
Misc. Appliance: • Built-in microwave appears functional
Dishwasher: • High loop installed.
Observations and Recommendations
DISHWASHER \ Door Seal Condition: • Unit is leaking Would contact a qualified appliance repair company to fix this as soon as possible. Location: Main floor Kitchen Task: Repair Time: Immediate

<b>KITCHEN</b> 123 Sample Drive S.E., Calgary, AB July 24, 2012	Report No. 1004, v.4 www.calgaryhomeinspections.com
SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL	HEATING COOLING INSULATION PLUMBING INTERIOR
BATHROOM KITCHEN SITE DATA	
CFLIR 21.5 17.8 2014-06-05	

20. Unit is leaking

**19.** Unit is leaking

## Limitations and Disclaimers

General: • Observations:

LIMITATIONS OF APPLIANCES INSPECTION

This is a visual inspection limited in scope by (but not restricted to) the following conditions

- Thermostats, timers and other specialized features and controls are not tested.

- The temperature calibration, functionality of timers, effectiveness, efficiency and overall performance of appliances is outside the scope of this inspection. Please also refer to the pre-inspection contract for a detailed explanation of the scope of this inspection.

Countertop: • view restricted by personal property

Plumbing: • View of sink(s) restricted by dishes

SITE DATA	ort No. 1004, v.4
	meinspections.com
SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUME	BING INTERIOR
BATHROOM KITCHEN SITE DATA	
Description	
Weather: • Sunny • Clear • Light winds	
Approximate temperature: • 18°	
Attendees: • Buyer • Buyer's Agent	
Access to home provided by: • Buyer's agent	
Occupancy: • There was no one home during the inspection. • The home was furnished during the inspection	ection.
Utilities: • All utilities were on during the inspection.	
Approximate inspection Start time: • The inspection started at 10:00 a.m.	
Approximate inspection End time: • The inspection ended at 1:30 p.m.	
Approximate date of construction: • 1988	
Approximate size of home: • 2700 ft. <sup>2</sup>	
Building type:      Residential Detached Single Family	
Number of stories: • 2	
Number of bedrooms: • 4	
Number of bathrooms: • 4	
Number of kitchens: • 1	
Garage, carport and outbuildings: • Attached three-car garage	
Area: • Suburb	
Street type:  • Residential	
Street surface:  • Paved	

END OF REPORT