# Your Inspection Report

FOR THE PROPERTY AT: 123 Lake Front Road Cottage Country, ON P1L 1L4

PREPARED FOR: SOMEONE SPECIAL

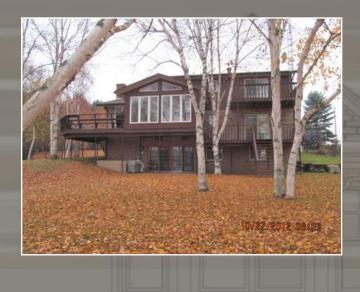
INSPECTION DATE: Monday, October 22, 2012

PREPARED BY: Paul Studholme, CHI











Paul Studholme, CHI Energy Advisor, WETT, Septic & Infrared Certified Bracebridge, ON .

647-280-1865 Fax: . www.studholme.ca paul@studholme.ca



February 24, 2013

Dear Someone Special,

RE: Report No. 2179, v.2 123 Lake Front Road Cottage Country, ON P1L 1L4

Thank you for allowing me to perform your Home Inspection. Please feel free to contact me with any questions about the report, or the home itself any time for as long as you own it.

Sign and send a copy of the Inspection Agreement with A Cheque made out to:

Paul Studholme 25 The Granite Bluff Bracebridge, ON P1L 1L4

Or you can Interac Email Money Transfer to my email: paul@studholme.ca using password: McGyver

Enjoy and be safe.

Thanks again for allowing me to work for you.

Sincerely,

Paul Studholme, CHI on behalf of Paul Studholme, CHI

> Paul Studholme, CHI Energy Advisor, WETT, Septic & Infrared Certified Bracebridge, ON . 647-280-1865 Fax: . www.studholme.ca paul@studholme.ca



## INVOICE

February 24, 2013

Client: Someone Special

Report No. 2179, v.2 For inspection at: 123 Lake Front Road Cottage Country, ON P1L 1L4 on: Monday, October 22, 2012		
3,000 - 3,499 Ttl Liv sq. ft.		\$475.00
Visual On-Site Sewage Inspection done during a Home	Inspection	\$150.00
	Subtotal	\$625.00
	HST	\$81.25
	Total	\$706.25

PAID IN FULL - THANK YOU!

Paul Studholme, CHI Energy Advisor, WETT, Septic & Infrared Certified Bracebridge, ON . 647-280-1865 Fax: . www.studholme.ca paul@studholme.ca PARTIES TO THE AGREEMENT

**Company** Paul Studholme, CHI Energy Advisor, WETT, Septic & Infrared Certified Bracebridge, ON. Client Someone Special Cottage Country, ON M5H 3P5

This is an agreement between Someone Special and Paul Studholme, CHI.

PLEASE READ CAREFULLY BEFORE SIGNING.

The Inspection of this property is subject to the Limitations and Conditions set out in this Agreement. It is based on a visual examination of the readily accessible features of the building. The report is also based on a visual examination of the readily accessible features of the building.

The Inspection is performed in accordance with the Standards of Practice of the Canadian Association of Home and Property Inspectors. A copy of these Standards is available at: <u>click here</u>

The Home Inspector's report is an opinion of the present condition of the property. The Inspection and report are not a guarantee, warranty or an insurance policy with regards to the property.

The inspection report is for the exclusive use of the client(s) named above. No use of the information by any other party is intended.

LIMITATIONS AND CONDITIONS OF THE HOME INSPECTION

These Limitations and Conditions explain the scope of your Home Inspection. Please read them carefully before signing this Agreement.

The purpose of your Home Inspection is to evaluate the general condition of a property. This includes determining whether systems are still performing their intended functions.

There are limitations to the scope of this Inspection. It provides a general overview of the more obvious repairs that may be needed. It is not intended to be an exhaustive list. The ultimate decision of what to repair or replace is yours.

 The Home Inspection provides you with a basic overview of the condition of the property. Because your Home Inspector has only a limited amount of time to go through the property, the Inspection is not technically exhaustive. If you have concerns about any of the conditions noted, please consult the text that is referenced in the report.
 Some conditions noted, such as foundation cracks or other signs of settling in a house, may either be cosmetic or may indicate a potential structural problem that is beyond the scope of the Home Inspection.

If you are concerned about any conditions noted in the report, we strongly recommend that you consult a qualified Licensed Contractor or Engineering Specialist. These professionals can provide a more detailed analysis of any conditions noted in the report at an additional cost.

2. A Home Inspection does not include identifying defects that are hidden behind walls, floors or ceilings. This includes wiring, structure, plumbing and insulation that are hidden or inaccessible.

Inspected by: Paul Studholme, CHI, Energy Advisor, WETT, Septic & Infrared Certified: 647-280-1865

Some intermittent conditions may not be obvious on a Home Inspection because they only happen under certain circumstances. As an example, your Home Inspector may not discover leaks that occur only during certain weather conditions or when a specific tap or appliance is being used in everyday life.

Home Inspectors will not find conditions that may only be visible when storage or furniture is moved. Inspectors do not remove wall coverings, including wallpaper, or lift flooring, (including carpet) to look underneath.

A Home Inspection is a sampling exercise with respect to house components that are numerous, such as bricks, windows and electrical receptacles. As a result, some conditions that are visible may go un-reported.

3. The Inspection does not include hazardous materials that may be in or behind the walls, floors or ceilings of the property, whether visible or not. This includes building materials that are now suspected of posing a risk to health such as phenol-formaldehyde and urea-formaldehyde based products, fibreglass insulation and vermiculite insulation. The Inspector does not identify asbestos roofing, siding, wall, ceiling or floor finishes, insulation or fireproofing. We do not look for lead or other toxic metals in such things as pipes, paint or window coverings.

The Inspection does not deal with environmental hazards such as the past use of insecticides, fungicides, herbicide's or pesticides. The Inspector does not look for, or comment on, the past use of chemical termite treatments in or around the property.

4. We are not responsible for and do not comment on the quality of air in a building. The Inspector does not try to determine if there are irritants, pollutants, contaminants, or toxic materials in or around the building. The Inspection does not include spores, fungus, mold or mildew including that, which may be concealed behind walls or under floors, for example. You should note that whenever there is water damage, there is a possibility that visible or concealed mold or mildew may be present unseen behind a wall, floor or ceiling.

If anyone in the home suffers from allergies or heightened sensitivity to quality of air, we strongly recommend that you consult a qualified Environmental Consultant who can test for toxic materials, mold and allergens.

5. Your Home Inspector does not look for, and is not responsible for, fuel oil, septic or gasoline tanks that may be buried on the property.

If fuel oil or other storage tanks remain on the property, you may be responsible for their removal and the safe disposal of any contaminated soil. If you suspect there is a buried tank, we strongly recommend that you retain a qualified Environmental Consultant to determine whether this is a potential problem.

6. I will have no liability for any claim or complaint if conditions have been disturbed, altered, repaired, replaced, or otherwise changed before I have had a reasonable period of time to investigate.

The liability of the Home Inspector (Paul Studholme) arising out of this Inspection and Report, for any cause of action whatsoever, whether in contract or in negligence, is limited to a refund of the fees that you have been charged for this inspection.

I, Someone Special (Signature)	, (Date)	, have read, understood
and accepted the terms of this agreement.		

## **SUMMARY**

SUMMARY         ROOFING         EXTERIOR         STRUCTURE         LECTRICAL         HEATING         ROOLING         NEULATION         PLUMEING         NUTERIC           STEE INTO         OL TAMK         SEPTC         SEPTC         Note: For the purpose of this report the building is considered to be facing West.         Note: For the purpose of this report the building is considered to be facing West.         Please read all other forms and appropriate text.           Please read all other forms and appropriate text.         There are no significant expenses, but some repairs required at this time.         Main Concerns:         1. Oil fill/vent pipes should be located outside         2. Interior Oil fuel lines are not vinyl coated         3. Septic tank is to somall for number of bedrooms and two kitchens           4. Septic tank outlet baffle needs to be replaced as well as a new outlet chamber lid         5. Wood stove insert needs a stainless steel liner, larger hearth and repairs done to chimney cap to meet WETT specs           6. Better atif-ord vents         1. Diprove grading at front left corner and repair/replace retaining wall         8. Electrical repairs and upgrades           Other Recommendations:         1. Decks are showing their age, upper deck railing too short, spindles too far apart, and other railings climable         2. Install guiter and downspout on rear upper roof, extend other downspouts           3. Cannot use old wood cookstove         4. Upgrade atit insulation if home/cottage is going to be used a lot in winter         6. Replace toileinsuitoli memoristand baseboard	<b>SUIVIIV</b> 123 Lake	Front Road,	Cottage Cou	ntry, ON	October 22, 2	2012			www.s	studholme.c
Vote: For the purpose of this report the building is considered to be facing West.           Portentially significant expenses or repairs that would be required over the short term are identified below. This page muto to be considered as the complete report.           Please read all other forms and appropriate text.           There are no significant expenses, but some repairs required at this time.           Value (Incorems:           . Oil fill/vent pipes should be located outside           . Interior Oil fuel lines are not vinyl coated           3. Septic tank is too small for number of bedrooms and two kitchens           . Septic tank outlet baffle needs to be replaced as well as a new outlet chamber lid           . Wood stove insert needs a stainless steel liner, larger hearth and repairs done to chimney cap to meet WETT specs           3. Better attic/roof vents           . Improve grading at front left corner and repair/replace retaining wall           3. Electrical repairs and upgrades           Duecks are showing their age, upper deck railing too short, spindles too far apart, and other railings climable           2. Install gutter and downspout on rear upper roof, extend other downspouts           3. Upgrade oil furnace thermostat and baseboard thermostats           5. Upgrade tic insulation if home/cottage is going to be used a lot in winter           3. Replace toilets with low water volumes           The following rating reflects both the original quality of construction and the current condition of the home, based				STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIO
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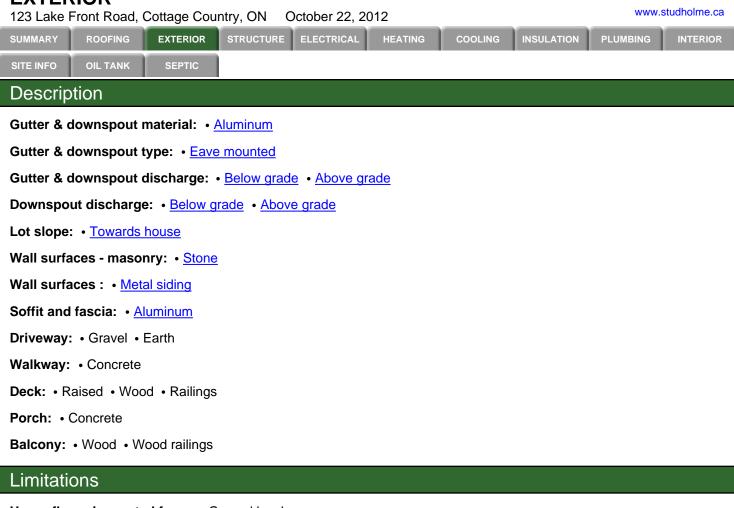
ROOFING	Report No. 2179, v.2 www.studholme.ca
123 Lake Front Road, Cottage Country, ON October 22, 2012	www.studnoime.ca
SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION	PLUMBING INTERIOR
SITE INFO OIL TANK SEPTIC	
Description	
Sloped roofing material:  • Asphalt shingles	
Limitations	
Inspection performed: • By walking on roof	
Recommendations	
SLOPED ROOFING \ Asphalt shingles	
Condition: • Cupping, curling, clawing	
By installing better roof vents and longer ridge vents will ventilate attics better.	
Implication(s): Chance of water damage to contents, finishes and/or structure	
Location: Various	
Task: Monitor	



Shingles showing wear

## EXTERIOR

#### Report No. 2179, v.2



Upper floors inspected from: • Ground level

Exterior inspected from: • Ground level

## Recommendations

ROOF DRAINAGE \ Gutters Condition: • Clogged Clean gutters and roof each fall and check again in spring. Implication(s): Chance of water damage to contents, finishes and/or structure Location: Through out Task: Clean Inspect annually Time: Regular maintenance

## EXTERIOR

123 Lake Front Road	, Cottage Country, ON October 22, 2012	www.studholme.ca
SUMMARY ROOFING	EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION	PLUMBING INTERIOR
SITE INFO OIL TANK	SEPTIC	
	Gutters - common reasons for leakage	
	Clothed and a clothed and clothed and a clothed and a clothed and a c	

Gutters clogged with leaves

#### Condition: • Missing

There should be a gutter and downspout on rear upper roof to protect shingles and roof below. Implication(s): Chance of water damage to contents, finishes and/or structure Location: Upper Rear roof Task: Install

www.studholme.ca 123 Lake Front Road, Cottage Country, ON October 22, 2012 SUMMARY ROOFING EXTERIOR INSULATION PLUMBING SITE INFO SEPTIC Gutter and downspout installation Click on image to enlarge. secure gutters -every 2 to 3 feet

Missing gutter & downspout at rear

## **ROOF DRAINAGE \ Downspouts**

Condition: • Downspouts end too close to building Any downspouts draining into big "O" should be flushed out each fall. Implication(s): Chance of water damage to contents, finishes and/or structure Location: Front Task: Improve

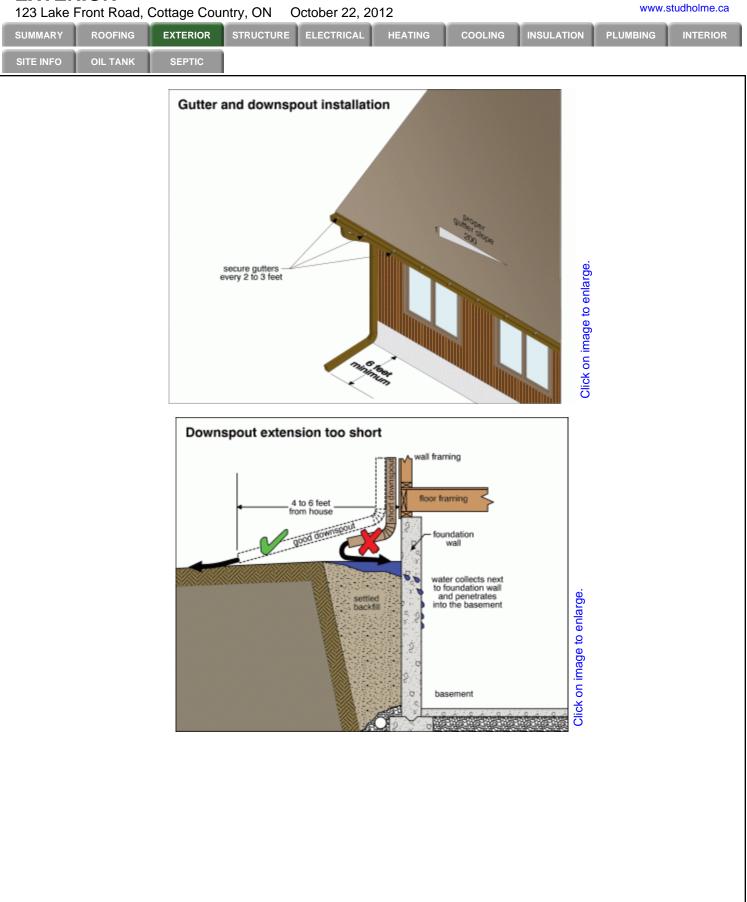
## EXTERIOR

Report No. 2179, v.2

Shingles deteriorated

## **EXTERIOR**

123 Lake Front Road, Cottage Country, ON October 22, 2012



Inspected by: Paul Studholme, CHI, Energy Advisor, WETT, Septic & Infrared Certified: 647-280-1865

# Report No. 2179, v.2 123 Lake Front Road, Cottage Country, ON October 22, 2012 SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR SITE INFO OIL TANK SEPTIC SEPTIC SEPTIC SEPTIC SEPTIC SUMMARY Report No. 2179, v.2



Extend downspout



Extend downspout



Flush out each fall

## WALLS \ Brick, stone and concrete

Condition: • Cracked Implication(s): Chance of water entering house | Weakened structure | Chance of movement Location: Right Side Task: Repair

<b>EXTERIOR</b> 123 Lake Front Road, Cottage Country, ON October 22, 2012	Report No. 2179, v.2 www.studholme.ca
SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULA	TION PLUMBING INTERIOR
SITE INFO OIL TANK SEPTIC	

Cracking in brick facing

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

Condition:  $\bullet \underline{Rot}$ 

Implication(s): Weakened structure | Chance of movement | Material deterioration Location: Decks Task: Repair or replace

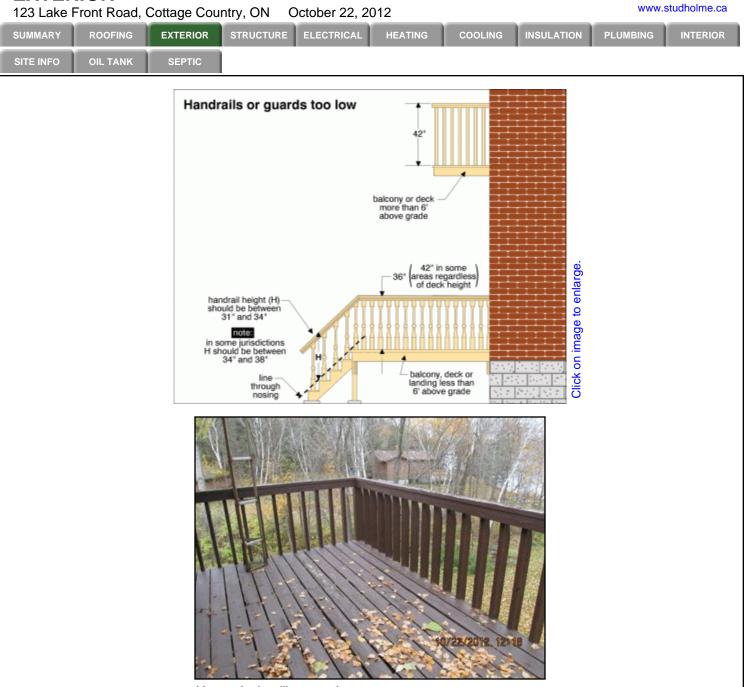


Deck boards showing age

## PORCHES, DECKS, STEPS, PATIOS AND BALCONIES \ Handrails and guards

Condition: • <u>Too low</u> Any deck over 8 feet off the ground needs to have a railing 42 inches high with spindles spaced less than 4 inches apart. Implication(s): Fall hazard Location: Upper deck Task: Replace

## EXTERIOR



Upper deck railing too short

Condition: • <u>Spindles too far apart</u> Implication(s): Fall hazard Location: All decks Task: Replace

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## EXTERIOR

123 Lake Front Road, Cottage Country, ON October 22, 2012

125 Lake From Road, Conage Country, ON Colober 22, 2012
SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR
SITE INFO OIL TANK SEPTIC
Spindle spacing spindles should be spaced so that a 4* (° in some areas) spindles (balusters) 4* diameter sphere jurisdictions <b>construction note:</b> the jurisdictions

Spindles spaced too far apart

Condition: • <u>Spindles climbable</u> Implication(s): Fall hazard Task: Replace

## EXTERIOR

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123 Lake Front Road, Cottage Country, ON	October 22, 2012
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SUMMARY ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
SITE INFO OIL TANK	SEPTIC							



Deck railing climable

## LANDSCAPING \ Retaining wall

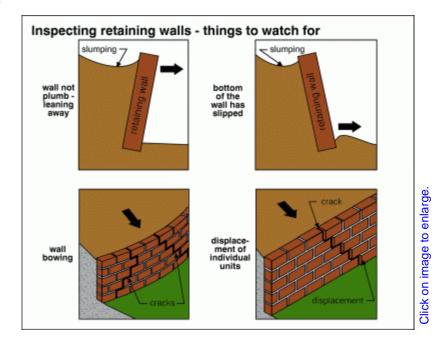
Condition: • Bowing or bulging

The grading is sloped towards wall and the plexi above from deck is draining right over the wall. Improve grading and change direction of plexi to drain out not to side.

Implication(s): Weakened structure | Chance of movement

Location: Front Left

Task: Repair or replace



Inspected by: Paul Studholme, CHI, Energy Advisor, WETT, Septic & Infrared Certified: 647-280-1865

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Wall bowing out

Grading towards wall



Plexi draining over wall

## STRUCTURE

123 Lake Front Road, Cottage Country, ON October 22, 2012

SEPTIC

STRUCTURE

COOLING

INSULATION PLUMBING

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## Description

SUMMARY

SITE INFO

Configuration: 

Basement

ROOFING

OIL TANK

Foundation material: 
• Masonry block

Floor construction: • Joists • Subfloor - plywood

Exterior wall construction: • Wood frame

Roof and ceiling framing: • Trusses • Plywood sheathing

## Limitations

Attic/roof space: 
 Inspected from access hatch

Percent of foundation not visible: • 100 %

## Recommendations

## **FOUNDATIONS \ Foundation**

**Condition:** • Typical minor cracks Location: Right Side Garage Task: Monitor



Small crack in garage foundation

Condition: • Parging damaged or missing

Implication(s): Chance of damage to structure | Shortened life expectancy of material Location: Right Side Garage

Task: Repair

STRUCTURE	Report No. 2179, v.2 www.studholme.ca
123 Lake Front Road, Cottage Country, ON October 22, 2012	
SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION	PLUMBING INTERIOR
SITE INFO OIL TANK SEPTIC	
Lose parring	

Loose parging

## ELECTRICAL

123 Lake Front Road, Cottage Country, ON October 22, 2012	www.studholme.ca
SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION	PLUMBING INTERIOR
SITE INFO OIL TANK SEPTIC	
Description	
Service entrance cable and location: • Underground - not visible	
Service size: • 200 Amps (240 Volts)	
Main disconnect/service box rating: • 200 Amps	
Main disconnect/service box type and location: • Breakers - basement	
Number of circuits installed: • 25	
Distribution panel rating: • 200 Amps	
Distribution panel type and location: <ul> <li>Breakers - basement</li> </ul>	

Main electrical panel

## Auxiliary panel (subpanel) rating: • 125 Amps

Auxiliary panel (subpanel) type and location:

Breakers - basement

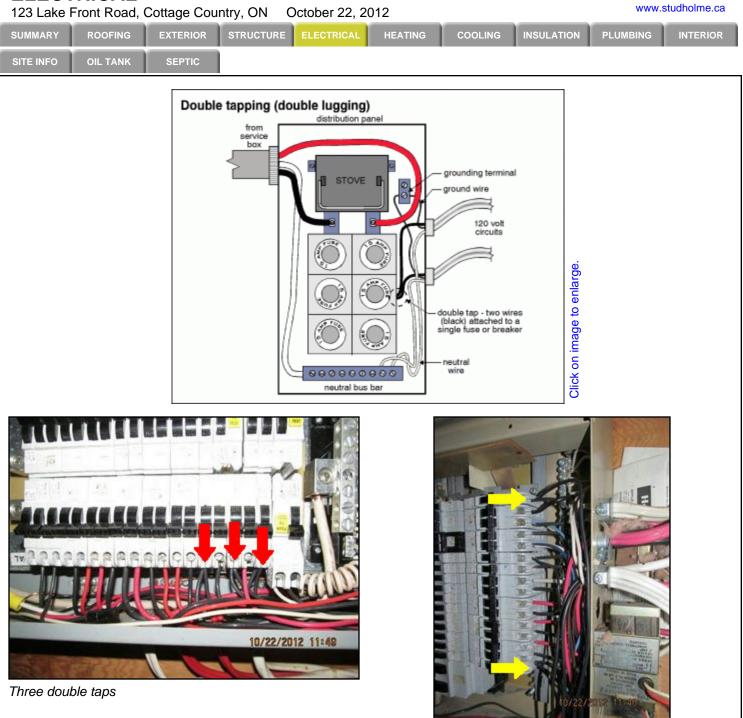
25 circuits

ELECTRICAL 123 Lake Front Road, Cottage Country, ON October 22, 2012	Report No. 2179, v.2 www.studholme.ca
SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION	PLUMBING INTERIOR
SITE INFO OIL TANK SEPTIC	
Auxiliary electrical panel         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 • No AFCI • -panel         Smoke detectors: • Present	<u>GFCI - outside</u> • <u>GFCI</u>
Limitations	
Inspection limited/prevented by:  • Restricted access	
Recommendations	
SERVICE BOX, GROUNDING AND PANEL \ Panel wires Condition: • Double taps Implication(s): Fire hazard Location: Both main and auxiliary panels Task: Correct	

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## **ELECTRICAL**

123 Lake Front Road, Cottage Country, ON October 22, 2012



Two double taps

**DISTRIBUTION SYSTEM \ Wiring - damaged or exposed** Condition: • Buried cable Implication(s): Electric shock

Location: Left Side Task: Correct

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## ELECTRICAL

123 Lake Front Road, Cottage Country, ON October 22, 2012

123 Lake Front Road,	Cottage Cou	ntry, ON C	Jctoper 22, 20	)1Z				
SUMMARY ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
SITE INFO OIL TANK	SEPTIC							

Electrical wire buried

## **DISTRIBUTION SYSTEM \ Wiring - installation**

Condition: • <u>Permanent wiring used as extension cord</u> Implication(s): Electric shock | Fire hazard Location: Left Side Exterior Wall Task: Correct



Permanent wire used as extension cord

## **ELECTRICAL**

123 Lake I	123 Lake Front Road, Cottage Country, ON     October 22, 2012     www.studholme.ca											
SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR			
SITE INFO	OIL TANK	SEPTIC										
Condition	TION SYST : • <u>Loose</u> n(s): Electric	-	e hazard									

Location: Garage

Task: Repair



Lights loose in ceiling

Condition: • Missing Implication(s): Inadequate lighting Location: Garage Task: Provide



Lights missing

ELECTRICAL 123 Lake Front Road, Cottage Country, ON October 22, 2012	Report No. 2179, v.2 www.studholme.ca
SUMMARY ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION	PLUMBING INTERIOR
SITE INFO OIL TANK SEPTIC	
DISTRIBUTION SYSTEM \ Outlets (receptacles)	
Condition:  • <u>No GFI (Ground Fault Interrupter)</u>	
Todays electrical code for new construction requires any outlet within 59 inches of a sink should be	GFI protected. Even
though not new construction it would be safer.	
Implication(s): Electric shock	
Location: Both Kitchens and bar area	
Task: Replace Time: Discretionary	
Ground fault interrupter	
the GFI circuitry within the outlet checks constantly for a difference between the current in the black and white wires if there is a difference (even as little as 5 milliamps), there is a current leak (possibly through your body) and the GFI shuts down the receptacle and other receptacles downstream	Đ
if the GFI is in the panel, the entire circuit will be shut down	Click on image to enlarge



Recommend GFI protected outlet here



Recommend GFI protected outlets here

Report	No.	2179,	, v.2
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## ELECTRICAL

123 Lake Front Road, Cottage Country, ON October 22, 2012

SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
SITE INFO	OIL TANK	SEPTIC							



Recommend GFI protected outlets here

#### DISTRIBUTION SYSTEM \ Outlets (receptacles) - number or location

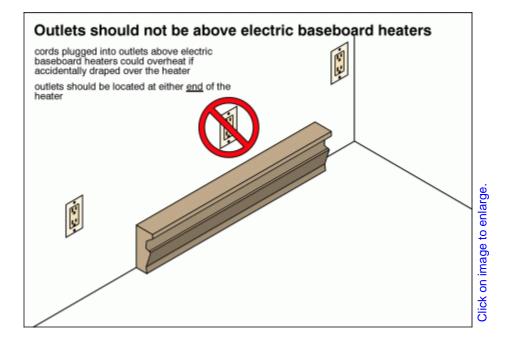
Condition: • Above electric baseboard heaters

Protect or secure any electrical cords from laying in baseboard heaters.

Implication(s): Increased fire hazard

Location: Various Basement

Task: Protect



	ELECTRICAL 123 Lake Front Road, Cottage Country, ON October 22, 2012								
SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
SITE INFO	OIL TANK	SEPTIC							



Outlet above baseboard heater



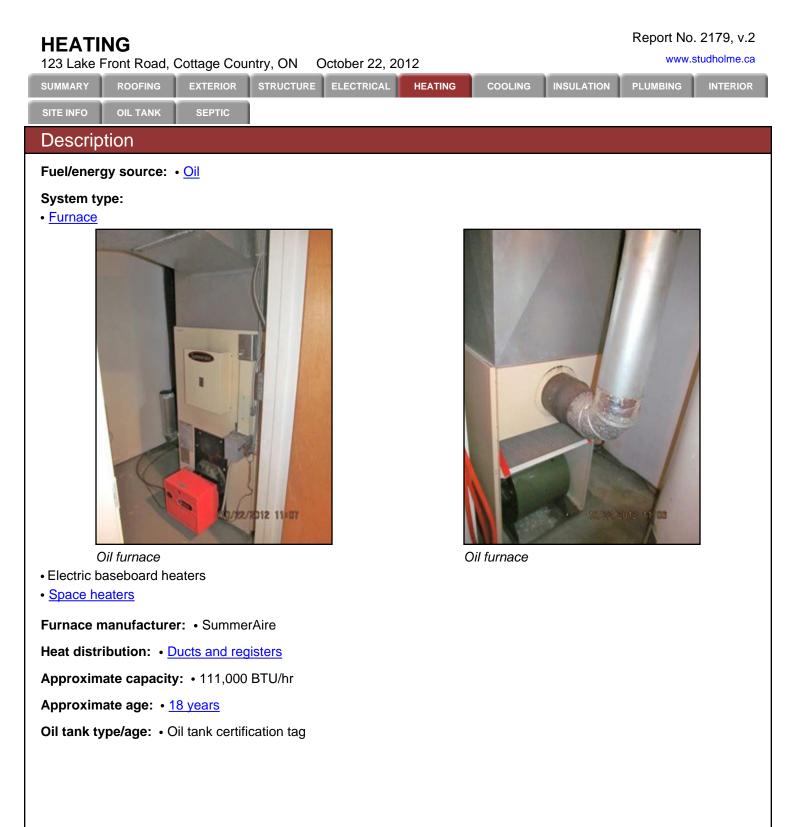
Outlet above baseboard heater



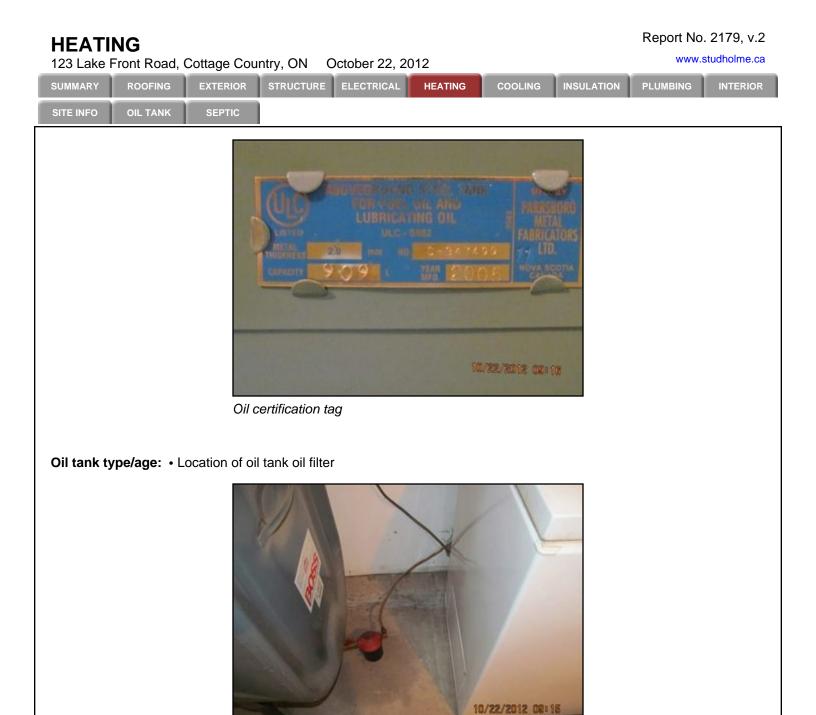
Outlet above baseboard heater

## **DISTRIBUTION SYSTEM \ Smoke detectors**

**Condition:** • Just a reminder that you should have both smoke and carbon dioxide detectors on each floor plus a fire extinguisher because you have a fuel burning appliance.



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Location of oil filter in garage

**Oil tank type/age:** • Location of oil fill and vent pipes *Note:* Should extend oil fill/vent pipes to exterior.

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## HEATING

123 Lake Front Road, Cottage Country, ON October 22, 2012

		0							
SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
SITE INFO	OIL TANK	SEPTIC							
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1									



Oil fill/vent pipes in garage

Oil tank type/age: • Location of oil tank



Location of oil tank in garage



Location of oil tank in garage

Oil tank type/age: • 7 years Fireplace: • Wood Stove Insert

#### **HEATING** 0.11

<b>HEATING</b> 123 Lake Front Road, (	Cottage Country, ON October 22, 2012	www.studholme.ca
SUMMARY ROOFING	EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING	INSULATION PLUMBING INTERIOR
SITE INFO OIL TANK	SEPTIC	
	Focation of wood stove insert	
Chimney/vent: • <u>Masonry</u>	Old cook stove flue Wood stove insert flue	ue

Masonry chimney

Chimney liner: • Clay

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## HEATING

123 Lake Front Road, Cottage Country, ON October 22, 2012

SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
SITE INFO	OIL TANK	SEPTIC							

Combustion air source: • Basement

## Recommendations

#### **OIL FURNACE \ Oil supply lines**

Condition: • <u>Unprotected</u>

Implication(s): Interruption of oil supply | Fire or explosion Location: Basement Garage

Task: Replace Upgrade



Fuel line not vinyl coated



Fuel line not vinyl coated



Fuel line not vinyl coated

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## HEATING

123 Lake Front Road, Cottage Country, ON October 22, 2012

SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
SITE INFO	OIL TANK	SEPTIC							

#### OIL FURNACE \ Thermostat

**Condition:** • This dwelling would benefit with a thermostat that has a "Vent" fan cycle. Turns furnace fan on once an hour. This thermostat can be bought in Canadian Tire. It is the: Noma Thermostat, Product number: 052-2570-6 Remember that is has a Vent cycle for fan. The other thermostat is a Honeywell but do not have a product number. **Location**: First Floor

Task: Upgrade



Existing oil furnace thermostat

## WOOD STOVE \ Cabinet, door and clearances

Condition: • Uncertified wood stove needs to be removed. Location: Basement

Task: Remove



Uncertified cook stove

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## HEATING

123 Lake Front Road, Cottage Country, ON October 22, 2012

	,	0		,					
SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
SITE INFO	OIL TANK	SEPTIC							

#### Condition: • Floor - combustible clearance inadequate

Need to have at least 18 inches on non combustible material on floor in front of wood stove from door opening. **Implication(s)**: Increased fire hazard

Location: Basement

Task: Correct



Hearth too small

## WOOD STOVE \ Combustion chamber

#### Condition: • Warped or cracked

The wood stove damper will not close because the inside of wood stove has warped. Air tight wood stove will work with damper open and adjust air flow with air flow control lever on right.

Implication(s): Increased fire hazard



Inside top panel warped

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## HEATING

123 Lake Front Road, Cottage Country, ON October 22, 2012

SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
SITE INFO	OIL TANK	SEPTIC							

#### WOOD STOVE \ Venting

#### Condition: • Wrong material

It appears that the wood stove is not connected to a proper stainless steel liner up thru clay tile chimney liner. **Implication(s)**: Equipment not operating properly | Hazardous combustion products entering home | Increased fire hazard

Task: Replace

Time: Immediate

#### SPACE HEATER \ Electric baseboard heater/space heater

**Condition:** • When you don't need a lot of heat, the old thermostats go on, then off several minutes later, then on several minutes later again-- giving you full heat, then no heat, then full heat. Both extremes are uncomfortable, but that is unavoidable with the slow reaction time of old thermostats. Replace with electronic thermostats.

## Location: Various

Task: Upgrade



Old type of baseboard thermostat

## Old type of baseboard thermostat

## SPACE HEATER \ Electric radiant

**Condition:** • Not working The wall heaters are a secondary heat source as there is a oil furnace. **Location**: Various 10/22/2012 11:20

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#### **HEATING** 123 Lake Front Road, Cottage Country, ON October 22, 2012

SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
SITE INFO	OIL TANK	SEPTIC							



Couple of wall heaters not working

## CHIMNEY AND VENT \ Masonry chimney cap

**Condition:** • Top clay flue tiles of chimney has deteriorated badly. **Task**: Replace



Top clay tile deteriorated

#### Condition: • Cracked

Chimney cap is badly cracked between masonry pieces, one of them can be lifted off. There is not a proper slope to allow water to run off.

**Implication(s)**: Chance of water damage to contents, finishes and/or structure | Shortened life expectancy of material **Task**: Replace

## **HEATING**

4" thick

apillary break

chimney cap

flue. liner

123 Lake I	Front Road,	Cottage Cou	ntry, ON	October 22, 20	012			WWW.S	tudholme.ca
SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
SITE INFO	OIL TANK	SEPTIC							
		What mal	free of	l chimney c	·				
			cracks	/		lexible sealant t joint with liner			



cross section

Chimney cap cracked

10/22/201

Click on image to enlarge.

sloped to drain wate away from flue

flashing

2" piectio

chimney

Chimney cap cracked

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## **HEATING** 123 Lake Front Road, Cottage Country, ON October 22, 2012

SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
SITE INFO	OIL TANK	SEPTIC							



Chimney cap cracked

## **COOLING & HEAT PUMP**

123 Lake Front Road, Cottage Country, ON October 22, 2012											
SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR		
SITE INFO	OIL TANK	SEPTIC	1								
Descrip	otion										
Air condi	Air conditioning type:   None present										

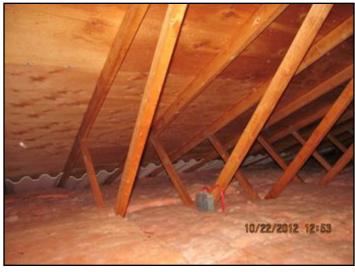
123 Lake Front Road, Cottage Country, ON October 22, 2012

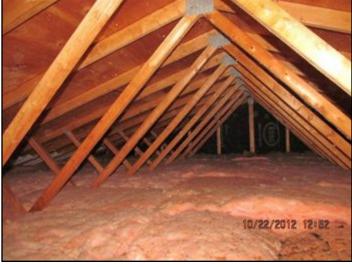
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SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR		
SITE INFO	OIL TANK	SEPTIC									
Descrip	tion										
Attic/roof	insulation n	naterial: • 🤇	<u> Blass fiber</u>								
Attic/roof	insulation a	imount/valu	e: • <u>R-28</u>								
Attic/roof	ventilation:	• Soffit ven	• <u>Ridge ver</u>	t • Turbine v	vent						
Wall insul	ation mater	ial: • <u>Glass</u>	<u>fiber</u>								
Foundatio	Foundation wall insulation material: • Glass fiber										
Limitatio	ons										

### Attic inspection performed:

• From access hatch





View of attic

View of attic



View of attic

soffit vent

cross section

123 Lake Front Road, Cottage Country, ON October 22, 2012

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SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
SITE INFO	OIL TANK	SEPTIC							
Recom	mendatio	ns							
Condition	<b>n(s)</b> : Increas rade	ess than cur	r <u>ent standar</u> and cooling c						
Condition Existing wi Vent recor Also the ga	nmended is: arage ridge v <b>n(s)</b> : Chance Garage and	ate oof vents are "Maximum" vent is too sr e of condens	web site is: h nall. Note the	for this size o http://www.ver ere is no acce e to finishes a	ntilation-max	kimum.com/ e attic.			
		the total vent	area is often d to be 1/300 of e of the attic	Dount of attic	1 square	foot of upper a required for ft. attic area Inot the actual vent be larger the because of so	opening must an 1 sq. ft.		

1 square foot of lowervent area required for 600 sq. ft. attic area Click on image to enlarge.

## 123 Lake Front Road, Cottage Country, ON October 22, 2012

SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
SITE INFO	OIL TANK	SEPTIC							



Not large enough ridge vent on garage



Ridge vent not long enough

### ATTIC/ROOF \ Hatch

### Condition: • Not weatherstripped

There is not a proper attic hatch installed. There is a piece of drywall covering up the opening.

Implication(s): Chance of condensation damage to finishes and/or structure | Increased heating and cooling costs Location: 2nd floor bathroom cupboard

Task: Improve



Wind turbine not enough ventilation



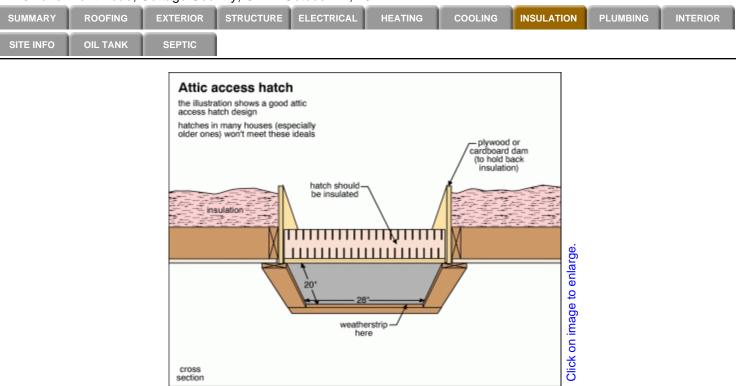
Wind turbine not enough ventilation

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123 Lake Front Road, Cottage Country, ON October 22, 2012



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## PLUMBING

123 Lake I	Front Road,	Cottage Cou	ntry, ON C	October 22, 2	012			www.s	studholme.ca
SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
SITE INFO	OIL TANK	SEPTIC							

## Description

Water supply source: • Drilled well

Service piping into building: • Plastic

Supply piping in building: • Copper

Main water shut off valve at the: • Basement

### Water flow (pressure):

<u>Typical for neighborhood</u>



Water pressure at time of inspection

### Water heater fuel/energy source:

#### • Electric

Water is shut off to electric water heater and power shut off at electrical panel.

## **PLUMBING**

PLUIVIE 123 Lake F	ront Road, 0	Cottage Cou	ntry, ON	October 22, 20	012			www.s	tudholme.ca
SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
SITE INFO	OIL TANK	SEPTIC	1						
			Electric	c water not us	ed				
• <u>Oil</u>									

Oil fired hot water tank

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## PLUMBING

123 Lake Front Road, Cottage Country, ON October 22, 2012

SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
SITE INFO	OIL TANK	SEPTIC							

### Water heater type: • Conventional

Tank capacity: • 32 gallons

Water heater approximate age: • 18 years

#### Waste disposal system:

<u>Septic system</u>



View of interior baffle



View of inlet chamber



View of outlet chamber



Location of septic tank

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## PLUMBING

123 Lake Front Road, Cottage Country, ON October 22, 2012

SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
SITE INFO	OIL TANK	SEPTIC							

### Waste piping in building: • ABS plastic

Water treatment system: • Mechanical filter

## Limitations

Items excluded from a home inspection: • Jacuzzi

Items excluded from a home inspection: • Well • Water quality • Isolating/relief valves & main shut-off valve • Conce

aled plumbing • Tub/sink overflows • Water treatment equipment • Water heater relief valves are not tested

### Recommendations

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

• Outlet baffle has deteriorated to the point that it has to be replaced. To replace baffle the tank will have to be pumped out.

Pump out septic tank next spring and have outlet baffle replaced.

Location: Outlet chamber

Task: Replace



Outlet baffle just about gone

- Information on Septic Systems
- Drilled well information
- Buying a house with well and septic

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## PLUMBING

123 Lake Front Road, Cottage Country, ON October 22, 2012

SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
SITE INFO	OIL TANK	SEPTIC							

• Visually inspect septic tank every couple of years for baffle condition and whether tanks needs pumped out.

• Outlet chamber lid deteriorating.

Did not lift outlet chamber lid as it was wedged in and would of broken into more pieces. Need to replace outlet chamber lid with a new one.

#### Location: Outlet chamber

Task: Monitor condition of tank every couple of years



Outlet chamber showing deterioration



Outlet chamber lid badly cracked

### FIXTURES AND FAUCETS \ Faucet

Condition: • <u>Stiff or inoperative</u> Implication(s): System inoperative or difficult to operate Location: Master Bathroom Task: Repair



Cold water shut off Inspected by: Paul Studholme, CHI, Energy Advisor, WETT, Septic & Infrared Certified: 647-280-1865

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## PLUMBING

123 Lake Front Road, Cottage Country, ON October 22, 2012

SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
SITE INFO	OIL TANK	SEPTIC							

### FIXTURES AND FAUCETS \ Toilet

**Condition:** • Replace toilet with a duo-flush (3 litre/6 litre) to put less water into septic system.

Location: Throughout

Task: Upgrade



High volume toilet



High volume toilet



High volume toilet

# **PLUMBING**

123 Lake

e Front Road, Cottage Country, ON October 22, 2012											
	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR		
	OIL TANK	SEPTIC									
F	S AND FALLCETS \ Shower stall enclosure										

## FIXTURES AND FAUCETS \ Shower stall enclosure

Condition: • Caulking loose, missing or deteriorated

Implication(s): Chance of water damage to contents, finishes and/or structure

Location: First Floor

Task: Repair

SUMMARY



Cracking above shower panel

## INTERIOR

123 Lake Front Road, Cottage Country, ON October 22, 2012

#### www.studholme.ca SUMMARY ROOFING STRUCTURE INSULATION PLUMBING INTERIOR SITE INFO OIL TANK SEPTIC Description Major floor finishes: • Carpet • Hardwood • Ceramic Major wall finishes: • Wood tongue and groove Major wall finishes: • Plaster/drywall Major ceiling finishes: • Plaster/drywall • Stucco/texture/stipple Windows: • Wind out Windows: • Sliders • Casement • Wood • Vinyl Glazing: • Double

Exterior doors - type/material: • Hinged • French • Wood • Metal • Garage door - metal • Garage

#### **Oven fuel:**

• Electricity



Existing basement kitchen oven

# Range fuel:

Electricity

INTERIOR 123 Lake Front Road,	•	Report No. 2179, v.2 www.studholme.ca					
SUMMARY ROOFING	EXTERIOR STRUCTURI	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
SITE INFO OIL TANK	SEPTIC						



Existing main kitchen stove

## Appliances:

- Refrigerator
- Dishwasher



Existing main kitchen dishwasher

- Microwave oven
- Central vacuum



Existing basement kitchen range

Existing basement kitchen dishwasher

10/22/2012 10:45

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## INTERIOR

123 Lake Front Road, Cottage Country, ON October 22, 2012

SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
SITE INFO	OIL TANK	SEPTIC							

### Laundry facilities:

Washer



Existing clothes washer & dryer

- Hot/cold water supply
- Dryer
- Vented to outside
- 120-Volt outlet
- 240-Volt outlet
- Waste standpipe

## Limitations

Percent of foundation not visible: • 100 %

### Recommendations

#### FLOORS \ Subflooring

Condition: • <u>Squeaks</u> Implication(s): Noise nuisance Location: Second Floor Bathroom Task: Repair

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### **INTERIOR** 123 Lake Front Road, Cottage Country, ON October 22, 2012

SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
SITE INFO	OIL TANK	SEPTIC							



Squeaky bathroom floor

### WALLS \ Plaster or drywall

Condition: • <u>Cracked</u> Implication(s): Cosmetic defects Location: Second Floor Task: Repair



Small crack in wall

<u>CEILINGS \ General</u> Condition: • <u>Water damage</u> Implication(s): Cosmetic defects | Chance of movement Location: Garage Task: Repair

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# INTERIOR

123 Lake Front Road, Cottage Country, ON October 22, 2012

SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
SITE INFO	OIL TANK	SEPTIC							
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Previous water damage

## WINDOWS \ Skylight

**Condition:** • There was a lot of accumulation of condensation in skylight. **Task**: Monitor



A lot of condensation on skylight

### **APPLIANCES \ Central vacuum**

Condition: • Hose receptacles - loose/damaged/leaky Implication(s): Reduced operability Location: Basement Task: Repair or replace

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# INTERIOR

123 Lake Front Road, Cottage Country, ON October 22, 2012

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SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
SITE INFO	OIL TANK	SEPTIC							
						0/22/2012 11:1	14		

Central vac outlet closed off

SITE INFO         123 Lake Front Road, Cottage Country, ON October 22, 2012         SUMMARY       ROOFING         EXTERIOR       STRUCTURE         ELECTRICAL       HEATING         COOLING       INSULATION	Report No. 2179, v.2 www.studholme.ca PLUMBING INTERIOR
Description	
Weather:  • Partly cloudy • Light winds	
Approximate temperature: • 12°	
Attendees: • Buyer's Agent • Buyer's representative John Sutton - property maintainance	
Access to Home Provided by: • Seller	
Occupancy: • There was no one home during the inspection. • The home was furnished during the	he inspection.
Utilities: • All utilities were on during the inspection. • The water service is private. • The plumbin	ig waste disposal
system is private.	
Approximate inspection start and end time: • The inspection started at 8:30 a.m. • The inspect	tion started at 1:00
p.m.	
Approximate age of home: • 29 years	
Approximate date of construction: • 1983	
Approximate size of home: • 3300 ft. <sup>2</sup>	
Building type:  • Detached home	
Number of dwelling units:	
Number of stories: • 2	
Number of rooms: • 11	
Number of bedrooms: • 5	

- Number of bathrooms: 4
- Number of kitchens: 2

- Below grade area: Basement
- Garage, carport and outbuildings: Attached garage

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### OIL TANK 123 Lake Front Road, Co

ottage Country, ON	October 22, 2012

	-ioni Road, i		_	October 22, 20					
SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
SITE INFO	OIL TANK	SEPTIC							
Descrip	tion								
Tank Man	ufacturer:	<ul> <li>Parrsboro</li> </ul>							
How old is	s oil tank?:	• 7 years							
Tank Loca	ation: • Atta	ched garage							
Tank cons	struction: •	Steel							
Tank thicl	kness (steel	tanks only)	:•2.0 mm	(14 gauge)					
Spill prote	ection: • No	ne							
Certificati	on label: •	ULC 602							
Tank supp	oort   stabili	ty: • Cemen	t floor						
Air space	around tan	k (2" from w	all , 4" froi	m floor ground	d): •Yes				
Is the tan	k at least 2 i	nches from	any wall?:	• Yes					
Any disco	louration (v	weeping) alo	ng the bot	tom of tank?:	• No				
Any rust,	dents or evi	idence of co	rrosion?:	• No					
Any signs	of leaks or	oil spills cu	rrent or pa	ast?: • No					
Has the ta	nk been pa	inted (for co	rrosion pr	otection)?: •	Yes				
Location of	of fuel filter:	• Interior							
Is outdoo	r tank prote	cted from pl	nysical dei	mage?: • N/A					
Is there a	loop in the	exterior fuel	line at the	e tank connect	tion: • N/A	N			
Is the inte	rior fuel line	e buried in c	oncrete or	r run undergro	ound?: • N	10			
Is the inte	rior fuel line	e protected	rom dema	ige (vinyl coat	ed) ?: • N	0			
Is the fill p	oipe made o	of steel ?: •	Yes						
Does the	vent pipe te	rminate higl	ner than fil	ll pipe ?: • Yes	5				

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## SEPTIC

October 22, 2012

123 Lake Front Road, Cottage Country, ON SUMMARY ROOFING STRUCTURE COOLING INSULATION PLUMBING SITE INFO OIL TANK SEPTIC Description Classification: • Class 4 - Leaching bed system Documents: • Certificate of Approval not available • Septic User Permit not available • Site plan not available Number of Bedrooms: • 5 Number of Bathrooms: • 4 Use of property: • Residential Approximate age of system: • 29 years Approximate date of installation: • 1983 Appliances discharging into system: Washing machine Dishwasher Two dishwashers Sewage line out of dwelling: • Not visible Tank construction: • Concrete Type of Septic tank: • Two compartment Volume of tank: • Over 3,600 litres, 3 bedrooms Tank components - Inlet, Outlet and Interior Baffles/'T's': • Concrete Condition of tank: • Outlet baffle deteriorated Condition of tank: • Damaged lids or risers Cleanout of Tank Accessible: • Two access opening into septic tank. **Cleanout of Tank Accessible:**  Septic tank risers not present • Depth below grade Septic lids are approximately 10 -12 inches below grade. • Last time pumped out October 2009 • Pump out required Leaching bed: • Lawn Tank clearances: • Clearances okay Leaching bed clearances: • Clearances okay

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# SEPTIC

123 Lake Front Road, Cottage Country, ON October 22, 2012

SUMMARY	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
SITE INFO	OIL TANK	SEPTIC							
Recommendations									

### <u>General</u>

• Septic tank is actually too small for current number of 5 bedrooms and two kitchens. The problem being that when all bedrooms are occupied (10) people then the septic tank will not have time for solids to settle and there is a chance of scum getting into outlet chamber and flowing out to leaching bed, with chance of clogging leaching bed.

• Visually inspect septic tank every couple of years. Check to see if pump out needed and monitor condition of outlet chamber. Wash outlet chamber and baffle area with clean water from hose.

### **SEPTIC TANK \ General**

Condition: • Damaged lids or risers Outlet chamber lid needs to be replaced. Task: Replace Time: Immediate

TANK COMPONENTS \ Outlet baffle/"T"

Condition: • Deteriorated Task: Replace Time: Immediate

END OF REPORT