

HOME INSPECTION AUTHORIZATION FORM

**Property** Address: 57 Brock Inspection Date: May 18/10  
Toronto Inspection Time: 12 Noon

**Client** Name: LISTING AGENT Home Phone: \_\_\_\_\_  
 Address: KIM KEOE Business Phone: \_\_\_\_\_  
 \_\_\_\_\_ Mobile Phone: \_\_\_\_\_  
 \_\_\_\_\_ Fax: \_\_\_\_\_  
 \_\_\_\_\_ Email: \_\_\_\_\_

**Fee** Base Fee: \$ \_\_\_\_\_  
 Tax: \$ \_\_\_\_\_  
 Total Fee: \$ \_\_\_\_\_ payable at the time of the inspection.

PLEASE READ CAREFULLY BEFORE SIGNING.

The Inspection of this property is subject to the **Limitations and Conditions** set out in this Agreement. The report is 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 American Society of Home Inspectors/Canadian Association of Home and Property Inspectors**. A copy of these Standards is attached for your reference.

The Home Inspector's Report is an opinion of the **present condition** of the property. It is not a guarantee, warranty or an insurance policy with regards to the property.

I have read, understood and accepted the above Limitations and Conditions of this Home Inspection.

Date: May 18/10  
 Client Signature: LISTING AGENT

On behalf of: (Company) AITKEN HOME INSPECTIONS  
 Payment Received in Full: (Signature) [Signature]  
 Inspector: (Print Name) SCOTT AITKEN

*Note: The inspection report is for the exclusive use of the client 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. One homeowner may decide that certain conditions require repair or replacement, while another will not.

**1. 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 section of the Home Reference Book text that is referred to 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 problem that is beyond the scope of the Home Inspection.

**If you are concerned about any conditions noted in the Home Inspection 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 is hidden or inaccessible.**

Some intermittent problems 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.

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

**3. The Inspection does not include hazardous materials that may be in or behind the walls, floors or ceilings of the property.**

This includes building materials that are now suspected of posing a risk to health such as phenol-formaldehyde and urea-formaldehyde based products, fiberglass 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, herbicides or pesticides. The Home 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 we 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 present behind walls or under floors. You should note that whenever there is water damage noted in the report, there is a possibility that mold or mildew may be present, unseen behind a wall, floor or ceiling.

If anyone in your 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 at additional cost.

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

I have read, understood and accepted the above Limitations and Conditions of this Home Inspection.

Signed LISTING AGENT Dated May 18/10

The inspection report is not complete unless accompanied by the Home Reference Book.

► **SIGNIFICANT ITEMS**

Potentially significant expenses (greater than \$500/\$1000/\$\_\_\_\_\_ ) over the short term are identified below. This page must not be considered as the complete report. Please read all other forms and appropriate text. Any items marked "0" under time frame should be treated as priority items.

ROOFING	Valley repair needed Chimney repair needed
EXTERIOR	
STRUCTURE	
ELECTRICAL	Re-wiring needed
HEATING	
COOLING/HEAT PUMPS	Old but operable
INSULATION	
PLUMBING	See main floor washroom
INTERIOR	

► **OVERALL RATING**

The following rating reflects both the original quality of construction and the current condition of the home, based on a comparison to similar homes.

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Below Average			Typical	Above Average				

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Please refer to *Priority Maintenance for Home Buyers* on next page.

Location References:

NOTE: For the purpose of this report, the front of the house is considered to be facing:



OR

NOTE: For the purpose of this report, assume you are standing on the street facing the front door.  
 F is the front      LH is the left  
 R is the rear      RH is the right

# ROOFING, FLASHINGS AND CHIMNEYS

## DESCRIPTION

	Asphalt	Wood	Slate	Concrete / Clay	Fiber Cement	Metal	Corrugated Plastic	Built Up	Roll Roofing	Modified Bitumen	Other
REFERENCE	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.10	1.11
Sloped roof(s)	X										
Flat roof(s)											
Dormer(s)											
Bay(s)											
Porch(es)	X										
Garage											

### 3.0 Chimneys:

- Metal
- Stucco over Metal
- Asbestos Cement
- Mutual
- Abandoned
- Wood over Metal
- Masonry over Metal
- Masonry
- Partially Removed
- None

### 4.0 Probability of Leakage:

- High
- Medium
- Low

## IMPROVEMENT RECOMMENDATIONS

NONE AT PRESENT

Reference	Limitations	Task	Location	Time
	Roof Inspection By: <input type="checkbox"/> Binoculars <input type="checkbox"/> Ladder at Edge <input checked="" type="checkbox"/> Walking on <input type="checkbox"/> _____ Roof Inspection Limited / Prevented By: <input type="checkbox"/> Snow/Ice <input type="checkbox"/> Wet <input type="checkbox"/> Gravel <input type="checkbox"/> Deck <input type="checkbox"/> Solar Panels <input type="checkbox"/> Another Building <input type="checkbox"/> Trees <input type="checkbox"/> Height <input type="checkbox"/> No Access <input type="checkbox"/> Fragile <input type="checkbox"/> Slope <input type="checkbox"/> _____ Chimney/Flashing Inspection Limited By: _____ <input checked="" type="checkbox"/> Moisture problems may result in visible or concealed mold growth. Environmental Consultants can assist if this is a concern. <input checked="" type="checkbox"/> Asbestos may be present in many building products and materials. Environmental Consultants can assist if this is a concern.			
1.0	<b>ROOFING</b> - 1.13 Vulnerable Areas, 1.14 Ice Dams, 1.15 Tree Branches  Main Slope - old damage, patched, cracked, curled, missing, rot, loose, leak Second - old, damage, patched, cracked, curled, missing, rot, loose, leak Third - old, damage, patched, cracked, curled, missing, rot, loose, leak  Main Flat - old, damage, patched, blistered, gravel, ponding, seams, scuppers, drains, leak Second - old, damage, patched, blistered, gravel, ponding, seams, scuppers, drains, leak  Dormer(s) - old, damage, patched, cracked, curled, missing, rot, leak Bay(s) - old, damage, patched, cracked, curled, missing, rot, leak Porch(es) - old, damage, patched, cracked, curled, missing, rot, leak Garage - old, damage, patched, cracked, curled, missing, rot, leak			
			<i>west slope newer, balance is old but in reasonable condition (see valley)</i>	
2.0	<b>FLASHINGS</b> - replace when re-roofing			
2.1	<b>Valley</b> - damage, suspect, rust, patched, holes, leak, overshoots gutter			RN/E 0 500
2.2	<b>Hip &amp; Ridge</b> - damage, suspect, poor, nail heads, split, leak			
2.3	<b>Sloped/Flat</b> - damage, suspect, rust, patched, leak			
2.4	<b>Roof/Wall</b> - damage, suspect, patched, loose, wood clearance, counter flashing, bay, leak			R/E 1 0 minor
2.5	<b>Chimney</b> - saddle, damage, suspect, loose, poor, rust, patched, counter flashing, leak			
2.6	<b>Parapet Wall</b> - damage, suspect, cup flashing, counter flashing, leak			
2.7	<b>Plumbing Stack/Mast/Flue</b> - damage, suspect, pitch pan, patched, rust, leak			
2.8	<b>Dormer(s)</b> - damage, suspect, wood clearance, counter flashing, leak			
2.9/10	<b>Skylight(s)/Solarium</b> - damage, suspect, curb, counter flashing, caulking, leak			
2.11/12	<b>Drip Edge/Gravel Stop</b> - incomplete, rust, improper, add when re-roofing, loose			
2.13	<b>Roof/Ridge Vent(s)</b> - damage, suspect, patched, loose, nailheads, leak			
3.0	<b>CHIMNEY(S)</b> Main - mortar spalling, cracked top, 3.1 cap, 3.2 brace, 3.3 height, 3.4 screens, rust Second - mortar, spalling, cracked top, 3.1 cap, 3.2 brace, 3.3 height, 3.4 screens, rust Third - mortar, spalling, cracked top, 3.1 cap, 3.2 brace, 3.3 height, 3.4 screens, rust			R CHM D 500±

## COMMENTS

- See Supplementary Section       Inappropriate Materials or Installation

# EXTERIOR

## DESCRIPTION

- |   |   |  |   |
|---|---|--|---|
| <b>1.0 Gutters &amp; Downspouts:</b><br><input type="checkbox"/> 1.0 Integral/Built-in<br><input checked="" type="checkbox"/> 1.1 Aluminum<br><input type="checkbox"/> 1.1 Galvanized Steel<br><input type="checkbox"/> 1.1 Plastic<br><input type="checkbox"/> 1.1 Copper<br><input type="checkbox"/> 1.1 Wood<br><input type="checkbox"/> 1.2 Discharge Below Grade<br><input type="checkbox"/> 1.2 Discharge Above Grade | <b>2.0 Lot Topography:</b><br><input checked="" type="checkbox"/> Flat<br><input type="checkbox"/> Towards House<br><input type="checkbox"/> Away From House<br><input type="checkbox"/> Ravine | <b>4.0 Wall Surfaces:</b><br><input checked="" type="checkbox"/> 4.1 Brick<br><input type="checkbox"/> 4.2 Stone<br><input type="checkbox"/> 4.3 Block<br><input type="checkbox"/> 4.4 Stucco/EIFS<br><input type="checkbox"/> 4.5 Wood Siding<br><input type="checkbox"/> 4.6 Metal Siding<br><input type="checkbox"/> 4.7 Vinyl Siding<br><input type="checkbox"/> 4.8 Wood Shingles | <b>9.0 Retaining Walls:</b><br><input type="checkbox"/> Wood<br><input type="checkbox"/> Concrete<br><input type="checkbox"/> Stone<br><input type="checkbox"/> Masonry<br><input type="checkbox"/> Other _____ |
|---|---|--|---|

## IMPROVEMENT RECOMMENDATIONS NONE AT PRESENT

Reference	Limitations	Task	Location	Time
	<input type="checkbox"/> Carpeting/Snow Over Steps/Decks/Porches <input checked="" type="checkbox"/> Restricted/No Access Under Steps/Decks/Porches <input type="checkbox"/> Grading Not Visible Due To Snow <input type="checkbox"/> Absence Of Historical Clues Due To New Finishes/Paint/Trim <input type="checkbox"/> Vines, Shrubs, Trees, etc., Against Building Restricted Inspection <input checked="" type="checkbox"/> Moisture problems may result in visible or concealed mold growth. Environmental Consultants can assist if this is a concern. <input checked="" type="checkbox"/> Asbestos may be present in many building products and materials. Environmental Consultants can assist if this is a concern.	<input checked="" type="checkbox"/> Exterior Inspection From Ground Level <input type="checkbox"/> Storage Against/Inaccessible Wall <input type="checkbox"/> No Access/Car/Storage In Garage <input type="checkbox"/> Garage Door Opener Not Tested		
1.0	†GUTTERS - old, leak, damage, slope, rust, loose, paint, clogged, end caps, onto roof			
1.2	†DOWNSPOUTS - discharge above grade 6ft from house, splash block(s) - loose, connections, clogged, tile, damage, split, extend to lower gutter			
2.0	†LOT GRADING - slope away from house, swale, drain, low areas			
2.1	†Window Wells - needed when re-grading, damage, wood/soil		WEST	MINOR
6.0	†WALKS/PATIOS/DRIVEWAYS - drain, slope away from house, seal gap at house, - broken up, trip hazard			
6.0	†LANDSCAPING - trim trees/shrubs away from building			
3.0	SOFFIT & FASCIA - loose, rot, vermin damage, paint, leaks			
3.0	DOORS, WINDOWS & TRIM - loose, rot, paint/stain, caulk, rust, threshold, leak, weather strip			
4.16	Door/Window Flashings - ineffective, joints, caulk, incomplete, sill			
4.0	WALL SURFACES - vines, spalling, mortar, cracks, damage, caulking, utility entrances - pipes, vents, loose, rot, paint/stain, delaminating, EIFS			
4.17	Wood/Soil Contact - 8 inch clearance			
4.18	Foundation Walls - pointing, purging, spalling, cracks, height above grade			
5.0	PORCHES, DECKS, - 5.1 steps, 5.2 railings, 5.3 columns, 5.4 beams, BALCONIES, - 5.5 joists, 5.6 floors, 5.7 roof structure (5.8 skirt), ENTRANCES - damage, rot, termite, sag, loose, settlement, connection to house & CARPORTS - trip hazard, cracks, paint/stain, spalling			
7.0	†BASEMENT WALK-OUT - 7.1 frost, 7.2 steps, 7.3 railing, 7.4 drain, - 7.5 threshold, 7.6 walls, 7.7 cover			
8.0	GARAGES - 8.1 detached garage - typical low quality, disrepair - 8.2 fire or gas proofing, 8.3 man-door closer, 8.4 combustible insulation, - 8.5 floor, 8.6 drainage, 8.7 vehicle door, opener, adjustment, auto reverse, rot, damage			
9.0	RETAINING WALLS - movement, cracked, rot, weep holes			

### COMMENTS

- See Supplementary Section   
  Inappropriate Materials or Installation   
  See Windows and Doors in Interior Section

† Any or all of these items may contribute to Basement Leakage. Please see Interior Form.

# STRUCTURE

## DESCRIPTION

- 3.0 Foundations:**  
 Poured Concrete  
 Masonry Block  
 Stone  
 Brick  
 Clay Tile  
 Piles and Grade Beams  
 Piers  
 Wood  
 Not Visible/None
- 4.0 Configuration:**  
 Basement  
 Crawl Space  
 Slab-on-Grade
- 5.0 Floor Construction:**  
 Joists  
 Trusses  
 Concrete  
 Not Visible
- 6.0 Exterior Wall Construction:**  
 Masonry  
 Wood Frame *E. ADDITION*  
 Wood Frame, Brick Veneer  
 Steel Frame  
 Log  
 Post and Beam  
 Not Visible
- 7.0 Roof and Ceiling Framing:**  
 7.1 Rafters/Roof Joists  
 7.4 Trusses  
 Not Visible

## IMPROVEMENT RECOMMENDATIONS NONE AT PRESENT

Reference	Limitations	Task	Location	Time
	<b>Restricted/No Access To:</b> <input checked="" type="checkbox"/> Crawl Space <input checked="" type="checkbox"/> Roof Space <input type="checkbox"/> Knee Wall Areas <input type="checkbox"/> Attic <input type="checkbox"/> Slab-on-grade <input checked="" type="checkbox"/> 99% Of Interior Foundation Wall Not Visible <input checked="" type="checkbox"/> Finishes, Insulation And/Or Storage Concealing Structural Components <input type="checkbox"/> Crawl Space/Roof Space/Knee Wall Areas/Attic/Inspected From Access Hatch/Entered But Access Was Limited <input checked="" type="checkbox"/> Asbestos may be present in many building products and materials. Environmental Consultants can assist if this is a concern.			
2.0	<b>FOOTINGS</b> - settled, too shallow, basement stairwell, suspect, floor lowered			
3.0	<b>FOUNDATIONS</b> - cracked, bowed, water damage, height, spalling, settled - further evaluation prior repairs, typical flaws <i>east addition - crawl space not accessed</i>			
5.0/1	<b>FLOORS Sills</b> - not anchored, below grade, rot, damage, suspect			
5.2	<b>Beams</b> - sag, end bearing, poorly secured to columns, rot, damage, lateral support, notches			
5.3	<b>Posts / Columns</b> - out of plumb, adjust, rot, rust, spall, footing?			
5.4	<b>Joists</b> - sag, end bearing, concentrated load, rot, damage, cracks, notches, holes			
5.5	<b>Stairwell Openings</b> - header/trimmer undersized, poor connection, support			
5.6/7	<b>Sub-Flooring / Bridging / Bracing</b> - poorly secured, sag, edges unsupported, incomplete, rot			
5.8	<b>Cantilevers</b> - water damage, excessive span			
5.9	<b>Floor Trusses</b> - span, cut			
5.10	<b>Concrete Floors</b> - broken up, improperly sloped, suspended, heaved			
6.0/1	<b>WALLS Masonry</b> - lean, bow, mortar, cracks, prior repairs			
6.6/7	<b>Arches / Lintels</b> - cracks, mortar, masonry, leaning, span, end bearing, rust, prior repairs, spalling			
6.3	<b>Brick Veneer</b> - bow, mortar, cracks, weep holes, prior repairs			
6.2	<b>Wood-Frame</b> - warped, concentrated loads, bracing, rot, sagging lintels, leans			
6.4/5	<b>Log / Post &amp; Beam</b> - gaps, settling, rot, damage, checking, buckling			
7.0/1	<b>ROOFS Rafters</b> - span, spreading, sagging, split, rot			
7.2/3	<b>Collar Ties / Knee Walls</b> - lateral support, securement, location			
7.4	<b>Roof Trusses</b> - span, braces missing, uplift, cut			
7.5	<b>Roof Sheathing</b> - edge support, delaminating, sag, rot, mildew, condensation, water stains			
8.0	<b>CHIMNEYS</b> - leaning, mortar, cracks, incomplete, firestops			
9/10.0	<b>TERMITE / INSECT DAMAGE</b> - treatment/further investigation recommended - wood/soil contact, prior treatment			

## COMMENTS

- See Supplementary Section  Inappropriate Materials or Installation

# ELECTRICAL

## DESCRIPTION

<b>2.1/2/3 Service Entrance Cable:</b> <input checked="" type="checkbox"/> Copper <input checked="" type="checkbox"/> Overhead <input type="checkbox"/> Aluminum <input type="checkbox"/> Underground <input type="checkbox"/> Not Visible	<b>2.7 System Grounding</b> <input checked="" type="checkbox"/> Water Pipe <input checked="" type="checkbox"/> Copper <input type="checkbox"/> Ground Rods <input type="checkbox"/> Aluminum <input type="checkbox"/> Ufer/Other <input type="checkbox"/> Not Visible	<b>4.0 Distribution Wire:</b> <input type="checkbox"/> Metallic Sheathed <input checked="" type="checkbox"/> Non-metallic Sheathed <input checked="" type="checkbox"/> Copper <input type="checkbox"/> Aluminum <input type="checkbox"/> Aluminum to Major Appliances <input checked="" type="checkbox"/> Knob-and-Tube Copper <input type="checkbox"/> Copper Clad Aluminum	<b>5.3 Arc/Ground Fault Circuit Interrupter:</b> <input type="checkbox"/> Panel <input type="checkbox"/> Outside <input type="checkbox"/> Bathrooms <input type="checkbox"/> Garage <input type="checkbox"/> Whirlpool <input type="checkbox"/> Kitchen <input type="checkbox"/> Basement <input type="checkbox"/> Other _____ <input checked="" type="checkbox"/> None
<b>2.4/5 Service Size:</b> _____ / _____ Amps (240Volts)	<b>3.0 Distribution Panel</b> Rating _____ / _____ Amps <input type="checkbox"/> Fuses <input checked="" type="checkbox"/> Breakers	<b>5.2 Outlets:</b> <input checked="" type="checkbox"/> Grounded <input checked="" type="checkbox"/> Ungrounded Number: _____ <input checked="" type="checkbox"/> Minimal <input type="checkbox"/> Typical <input type="checkbox"/> Upgraded	
<b>2.6 Main Disconnect/Service Box:</b> Rating _____ / _____ Amps <input type="checkbox"/> Fuses <input checked="" type="checkbox"/> Breakers Location: <u>NW Basement</u>	<b>3.2 Auxiliary Panel(s)</b> <input type="checkbox"/> Fuses <input type="checkbox"/> Breakers Location(s): _____		

## IMPROVEMENT RECOMMENDATIONS NONE AT PRESENT

Reference	Limitations	Task	Location	Time
	Power Off: <input type="checkbox"/> Throughout <input type="checkbox"/> In Some Areas <input type="checkbox"/> Restricted/No Access To _____ <input type="checkbox"/> System Ground Not Visible/Accessible <input type="checkbox"/> Fuse Block(s) Not Pulled <input checked="" type="checkbox"/> Concealed Electrical Components Not Inspected <input checked="" type="checkbox"/> Main Disconnect Cover Not Removed <input checked="" type="checkbox"/> Asbestos may be present in many building products and materials. Environmental Consultants can assist if this is a concern.			
2.1/2/3	SERVICE Entrance - damage, clearance, seal at wall/meter, height, loose - drip loop, frayed, exposed neutral			
2.4/5	Larger Service - if lifestyle requires it			
2.6	Service Box - undersized, corrosion, overheated, damage			
2.7	SYSTEM GROUNDING - ineffective, meter bypass, spliced, clamp, electrode(s)			
3.1	SERVICE PANEL - damage, loose, obsolete, rust, double-taps, crowded, location			
3.1	Panel Overcurrent Protection (undersized panel)			
3.2	Auxiliary or Larger Panel - doubled-taps, feed wire, crowded, grounding, ground/neutral joined, miswired			
3.3/1.1	Fuses / Breakers - damage, loose, overfused, 15 amp for branch circuits, fuse block			
3.4/5	240 Volt Circuits/Linking			
3.6	Panel Wires - damage, overheated, loose			
3.7/8	Panel (Dead Front) Cover Plate - covers, fuses, unprotected openings			
3.9/11	Abandoned Wire in Panel / Connections in Panel			
3.10	Access to Panel			
4.1	BRANCH CIRCUIT WIRING - damage, loose, <u>exposed</u> , support, strain relief ducts/piping, undersized, extension cord, abandoned, exterior wiring			
4.2	Overloaded Circuits - more branch circuits			
4.3	Dedicated Circuits - furnace, fridge, water heater, range, dryer, A/C			
4.4	Knob-and-Tube - connections, damaged, brittle, suspect, <u>replace when renovating</u>			
4.5	Aluminum - special connectors, overheating, outlets, panel, loose, antioxidant			
5.1	Lights / Ceiling Fans - inoperative, pot lights, damage, loose, exposed wires/bulbs			
5.2	Outlets - number, loose, damage, inoperative, miswired, worn, overheating			
5.2.2	Ungrounded Outlets - 3-prong, fill ground slot, GFCI			
5.2.4	Reversed Polarity Outlets			
5.3	Arc/Ground Fault Circuit Interrupters - test faulty, inoperative, <u>desirable</u>			
5.4	Switches - damage, loose, obsolete, inoperative, location			
5.5	Junction Boxes - <u>missing</u> , loose, <u>exposed wires</u> , crowded			
5.6	Cover Plates - damage, outlets, switches, boxes			

I T O w/rewiring

RT @ 15,000+  
(approx 75%+) rewiring needed

I T O minor

### COMMENTS

- See Supplementary Section     Inappropriate Materials or Installation  
 All recommendations are safety issues - Treat them as high priority

# HEATING

## DESCRIPTION

Fuel  Gas  Oil  Electricity  Wood  
(for Wood Stoves, see Inletor 8.0)

7.0 Chimney Liner:  
 None  Metal  
 Clay  Not Applicable  
 Cement  Not Visible

9.0 Capacity: (input/output) 175/100 x 1000 BTU/hr  
 Approx. Age: 17 yrs. old  
 1993

2.0  Electric Heaters  
 3.0  Furnace  
 4.0  Boiler 17.0  Steam Boiler  
 15.9  Hot Water Radiant Heat  
 15.10  Electric Radiant Heat  
 18.0  Combination Heating System

8.0 Efficiency:  
 Conventional  High  
 Mid  \_\_\_\_\_

10.0 Failure Probability:  
 High  Medium  Low  
 Main Fuel Shut Off Valve at ops meter

## IMPROVEMENT RECOMMENDATIONS NONE AT PRESENT

Reference	Limitations	Task	Location	Time
	Data Plate: <input type="checkbox"/> Missing <input type="checkbox"/> Not Legible <input type="checkbox"/> Incomplete <input type="checkbox"/> Chimney Clean-out Not Opened 16.1 <input type="checkbox"/> System Shut Off/Inoperative <input type="checkbox"/> Oil Tank Not Visible <input checked="" type="checkbox"/> Radiator/Zone Valves Not Tested 16.2 <input checked="" type="checkbox"/> Summer Test Procedure <input checked="" type="checkbox"/> Heat Loss Calculations Not Done 16.3 <input type="checkbox"/> A/C or Heat Pump Operating <input checked="" type="checkbox"/> Safety Devices Not Tested <input type="checkbox"/> Heat Exchanger Not Visible/Inaccessible <input type="checkbox"/> Circulating Pump Not Tested <input checked="" type="checkbox"/> Moisture problems may result in visible or concealed mold growth. Environmental Consultants can assist if this is a concern. <input checked="" type="checkbox"/> Asbestos may be present in many building products and materials. Environmental Consultants can assist if this is a concern. <input checked="" type="checkbox"/> Buried tanks are not included in the inspection. Environmental Consultants can assist if this is a concern.			
10.0/12.1	FURNACE - heat exchanger, rust, suspect, old, inoperative, service, retrofit	replaced		2010
12.3	Blower / Motor - noisy, dirty, adjust belt			
12.4	Humidifier - location, adjustment, leak, dirty, damper, inoperative, drained, not tested			
12.5/6	Air Filter / Electronic Filter - dirty, inoperative, service, damaged			
12.7	Fan / Limit Switch - adjustment			
12.8	Electric Plenum Heater - inoperative			
15.7	MotORIZED Dampers - adjustment, inoperative			
15.1/2	Supply Return Ducts & Registers - number, location, connections, rust, obstructed - balance, damaged, see 13.0 in Cooling/Heat Pumps			no flow @ 2 <sup>nd</sup> floor washroom
13/17.0	BOILER - Hot Water / Steam - old, inoperative, service, leak			
13.3/4	Expansion Tank / Relief Valve - leak, waterlogged, discharge			
13.5/6	Pressure Reducing Valve / Back-flow Preventer - leak, adjustment			
13.2/7	High Temp. Limit / Low Water Cut-out - leak, adjustment			
13.8/9	Isolating Valves / Circulating Pump - leak, noisy, inoperative			
15.3/4	Radiators / Baseboards / Valves - leak, corrosion			
15.5/6/8	Bleed Valves / Piping / Zone Valves - leak, corrosion			
18.0	Combination Heating System - undersized, leaks, water temp			
14.23	ELECTRIC Heaters - inoperative, rust			
14.21/22	Elements & Wiring / Fuses & Breakers - safety, overfusing, exposed, burned, melted			
15.9/10	Radiant Heat - inoperative			
14.24	Heat Recovery Ventilator - dirty, duct connection, intake, exhaust, flow collars			
11.0	Gas Piping - leaks, material, support			
14.20	Oil Tank - leak, abandoned, oil piping, filter, location			
14.3/4	Oil Burner / Primary Control - adjustment			
14.2/15	Gas Burner / Gas Valve - adjustment, rust, flashback, leak			
14.6/7	Pilot & Thermocouple / Pilotless Ignition			
14.16/12	Heat Shield / Refractory - damage, exhaust gases			
14.1/10	Exhaust Flue / Barometric Damper - rust, connections, slope, inoperative, exhaust gases, plastic			
14.17/18	Chimney / Liner / Clean-out - dirty, obstructed, further investigation			
14.5/11	Combustion Air / Clearance from Combustibles - inadequate			
14.8/9	Vent Damper / Induced Draft Fan - inoperative, service			
14.13/14	Condensate Line / Pump - leak, dirty			
14.19	Thermostat - damaged, location, adjustment, loose			

### COMMENTS

See Supplementary Section  Inappropriate Materials or Installation

Supply Temp: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ Return Temp: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ ΔT: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

# COOLING/HEAT PUMPS

DESCRIPTION  NONE

**1.0 Air Conditioning:**

- 1.1 Air Cooled
- 1.2 Water Cooled
- 1.3 Independent System
- 1.4 Gas Chiller

**2.0 Heat Pump:**

- 2.1 Air Source
- 2.2 Auxiliary Heat
- 2.3 Ground/Water Source
- 2.4 Independent Unit

**3.0 Cooling Capacity:**

\_\_\_\_ / \_\_\_\_ / 24 x 1,000 BTU/hr

**4.0 Failure Probability:**

- High
- Medium
- Low

**5.0 Approx. Compressor Age:**

\_\_\_\_ / 21 / ~~24~~ yrs old  
1989 ~~1992~~

**19.0 House Fan:**

**20.0 Evaporative Cooler:**

**Motor:**

- One Speed
- Two Speed

**Roof Jack Condition:** \_\_\_\_\_

**Damper Location:** \_\_\_\_\_

IMPROVEMENT RECOMMENDATIONS  NONE AT PRESENT

Reference	Limitations	Task	Location	Time
	Data Plate: <input type="checkbox"/> Missing <input type="checkbox"/> Not Legible <input type="checkbox"/> Incomplete <input type="checkbox"/> Not Found <input type="checkbox"/> System Shut Off/Inoperative <input type="checkbox"/> Restricted Access <input type="checkbox"/> Outdoor Coil Covered Outdoor Temperature Prevented Testing in: <input type="checkbox"/> Cooling Mode <input type="checkbox"/> Heating Mode <input checked="" type="checkbox"/> Heat Gain and Heat Loss Calculations Not Done <input type="checkbox"/> House Fan Not Tested <input checked="" type="checkbox"/> Window A/C Excluded <input checked="" type="checkbox"/> Moisture problems may result in visible or concealed mold growth. Environmental Consultants can assist if this is a concern. <input checked="" type="checkbox"/> Asbestos may be present in many building products and materials. Environmental Consultants can assist if this is a concern.			
1.0	AIR CONDITIONING - undersized?, old, service			
2.0	HEAT PUMP - undersized?, old, service			
2.3	Ground/Water Source - buried piping, supply well, discharge well, suspect			
5.0	Compressor - old, inoperative, noisy			
6.0	Plenum / Indoor Coil - dirty, corroded, frost, temperature drop - too great, too small			
7.0	Outdoor Coil - dirty, iced up, not level, fin damage			
8.0	Water Cooled Coil - leak			
9.0	Outdoor Fan - noisy, inoperative, damage, obstructed			
10.0	Condensate Tray / Line / Pump - leak, stains, blocked, inoperative, trap			
11.0	Refrigerant Lines - leak, damage, corrosion, insulation missing, seal at plenum/wall			
12.0	Indoor Fan - dirty, noisy, undersized?, vibration, adjustment			
13.0	Ductwork - undersized?, disconnected, obstructed, dirty, rust, support, incomplete, balancing, damaged			
14.0	Attic Ductwork Insulation - damage, incomplete			
15.0	Supplemental Cooling - if necessary			
16.0	Attic Drip Pan - leaking, missing, common drain - drain line - missing, disconnected			
17.0	Water Lines - supplied from pool, leak, damage			
18.0	Thermostat - damaged, location, adjustment, loose			
19.0	HOUSE FAN - old, inoperative, vent outside, wiring			
20.0	EVAPORATIVE COOLER - motor, connection, wiring, pump - spider tubes, clips, bleeder, water line, air gap - fan, tray, housing, roof jack, damper - old, leak, loose, inoperative, rust			

**COMMENTS**

- See Supplementary Section
- Inappropriate Materials or Installation

Supply Temp: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ Return Temp: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ ΔT: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

# INSULATION

## DESCRIPTION

**Note:**  
Adding insulation to a home is an improvement rather than a repair. Please read Section 19.0.

REFERENCE	Main Attic	Second Attic	Third Attic	Main Flat	Second Flat	Cathedral / Sloped	Knee Walls	Wood-Frame Walls	Masonry Walls	Basement Walls	Crawl Space Walls	Floor	Log Walls
2.0 Existing Amount (R-Value / Depth)		<i>no access</i>					n		o	o			
3.0 Glass Fiber							x						
4.0 Mineral Wool													
5.0 Cellulose													
6.0 Vermiculite													
7.0 Wood Shavings													
8.0 Plastic / Foam Board													
9.0 Other													

### 13.0 Air / Vapor Barrier

- Plastic
- Kraft Paper
- Not Visible
- None Found
- \_\_\_\_\_

### 15.0 Roof Ventilation

- Ridge Vent
- Roof Vent
- Gable Vent
- Soffit Vent
- Fascia Vent
- None Found
- Power Ventilator
- \_\_\_\_\_

### 15.0 Crawl Space Ventilation

- To Exterior
- Into Basement
- None Found
- \_\_\_\_\_

## IMPROVEMENT RECOMMENDATIONS NONE AT PRESENT

Reference	Limitations	Task	Location	Time
	<input checked="" type="checkbox"/> 10 / 11.0 Access Not Gained to: Attic/Roof Space / Wall Space/Crawl Space/Knee Wall Areas/Floor Space <input checked="" type="checkbox"/> Walls Spot Checked Only <input checked="" type="checkbox"/> Continuity of Air/Vapor Barrier Not Verified <input type="checkbox"/> Power Ventilator Not Tested <input type="checkbox"/> Attic/Crawl Space Viewed from Access Hatch/Entered But Access Was Limited <input checked="" type="checkbox"/> Asbestos may be present in many building products and materials. Environmental Consultants can assist if this is a concern. <input checked="" type="checkbox"/> Moisture problems may result in visible or concealed mold growth. Environmental Consultants can assist if this is a concern.			
A	ATTIC - insulation - amount, wet, compressed, voids			
13.0	- air/vapor barrier - incomplete, wrong place, damage			
15.0	- ventilation - amount - roof, soffit, ridge			
	- obstructed - roof, soffit, gable, baffle			
	- condensation, rot, ice dams			
	- power ventilator inoperative, suspect			
	Access Hatch - insulation, weather strip, fit			
B/C	FLAT / CATHEDRAL ROOF - insulation - amount, wet, condensation, suspect			
	- ventilation - amount, none, suspect			
D	SKYLIGHT WELLS - insulation - loose, incomplete			
E	KNEE WALLS - insulation - incomplete, falling, damage			
13.0	- air/vapor barrier - wrong place, damage, incomplete			
F/G/H	WALLS - insulation - amount, suspect			
I/J/K	BASEMENT / CRAWL SPACES - insulation - amount, incomplete, damage, falling, rim joists			
14.0	- moisture or air/vapor barrier - incomplete, damage, wrong place			
15.0	- ventilation - obstructed, leak, rot			
L	FLOORS ABOVE UNHEATED AREAS - insulation - loose, fallen, incomplete, damage			
14.0	- air/vapor barrier - wrong place			
M	PIPES IN UNHEATED AREAS - insulation, location, heating cables			
N/O	DUCTWORK IN UNHEATED AREAS - insulation, condensation, rust, damage			
16.0	Exhaust Fan - vent outside			
17.0	Exposed Plastic/Foam Insulation - fire hazard, cover, remove			
18.0	Recessed (Pot) Lights - check/remove insulation - fire hazard			

*evidence of previous freezing @ plumbing supply to east main floor washroom open crawl space & inspect correct as necessary*

## COMMENTS

- See Supplementary Section
- Inappropriate Materials or Installation
- See Comments on Page 3 of text re: Caulking and Weatherstripping. Please read Section 1.0 - Current Standards.

# PLUMBING

## DESCRIPTION

1.1.1 Service Piping into House:

- Lead  Copper  
 Plastic  Not Visible  
 Galvanized Steel

1.4.1 Water Flow (Pressure):  Functional

- Above Average  Below Average  
 Typical for Neighborhood

2.3 Waste Piping in House:

- Galvanized Steel  Cast Iron  
 Plastic  Lead  
 Copper  Not Visible

1.4 Supply Piping in House:

- Galvanized Steel  Plastic  
 Copper  Brass  
 Not Visible

1.6 Water Heater:

- Conventional  Induced Draft  Tankless/Indirect  
 Electric  Gas  Oil

Estimated Age: 4 yrs  
 Failure Probability  high  medium  low  
 Tank Capacity 40 gallons/liters

2.7  Solid Waste Pump

2.8  Sump Pump

2.9  Laundry Tub Pump

Main Shut Off Valve at SW Basement

## IMPROVEMENT RECOMMENDATIONS

NONE AT PRESENT

Reference	Limitations	Task	Location	Time
	<input type="checkbox"/> Gas/Water Shut Off/Winterized <input type="checkbox"/> Main Valve Not Located <input type="checkbox"/> Well/Septic System Not Inspected <b>Fixtures Not Tested/Not in Service:</b> <input type="checkbox"/> Water Heater <input type="checkbox"/> Toilet <input type="checkbox"/> Sink <input type="checkbox"/> Basin <input type="checkbox"/> Bathtub <input checked="" type="checkbox"/> Hot Tub <input checked="" type="checkbox"/> Tub/Sink Overflows Not Tested <input type="checkbox"/> Whirlpool Bath <input type="checkbox"/> Sauna <input type="checkbox"/> Shower <input type="checkbox"/> Bidet <input type="checkbox"/> Laundry Tub <input checked="" type="checkbox"/> Concealed Plumbing Not Inspected <input type="checkbox"/> Restricted/No Access to: <input checked="" type="checkbox"/> Moisture problems may result in visible or concealed mold growth. Environmental Consultants can assist if this is a concern. <input checked="" type="checkbox"/> Asbestos may be present in many building products and materials. Environmental Consultants can assist if this is a concern.			
1.1	SUPPLY - Public - piping to house, leak, pressure regulator, pressure/flow, lead			
1.2	Private - pump, tank - leak, waterlogged, rust, relief valve			
1.3/5	Main Shut Off Valve / Isolating Valve - leak, damaged, handle			
1.4	Piping - leaks, freezing, noise, rust, cross connections, support, pressure/flow - steel, lead, polybutylene			- see INSULATION
1.6	Water Heater - wiring, combustion air, controls, valve, leak, drip pan, old - Tank - rust, leak, soot, relief valve, discharge tube - reduced, extend, location - Exhaust Flue / Damper / Draft Hood - slope, rust, connections, size, support - location, clearance from combustibles, exhaust gases, aluminum			
1.7	Circulating System - inoperative, pump			
4.0	Gas Piping - leaks, material, support, rust, bonding, installation			
2.1/2	WASTE Public / Private - odor, backup, clean out, unsealed openings, video scan			
2.3	Piping - leaks, slope, freezing, obstructions, replace lead/steel when renovating, rust, support			
2.4/5	Trap/Tail Piece/Floor Drain - leak, prime, dry, S-trap, corroded, not visible			
2.6	Venting - auto-vent, too short/tall, frost, suspect siphon, diameter			- noisy drains @ 2 <sup>nd</sup> floor convert when renovating
2.7/9	Solid Waste Pump / Laundry Tub Pump - inoperative, leak			
2.8	Sump Pump - inoperative, leak, backflow valve, clogged, lid, discharge, not visible			
3.1/2	FIXTURES - Sink / Basin - leak, cracked, rust, chipped, slow drain, airgap, eventual updating likely - Sink / Basin - leak, cracked, rust, chipped, slow drain, airgap			
3.3	Faucet - leak, inoperative, loose, stiff, drip, handle, diverter, vegetable sprayer Faucet - leak, inoperative, loose, stiff, drip, handle, shower head, diverter			
3.13	Outdoor Faucet - leak, damage, shut off, loose			
3.4	Toilet - leak, inoperative, loose, running, slow flush, cracked, floor damage, mechanism Toilet - leak, inoperative, loose, running, slow flush, cracked, floor damage, mechanism			
3.5/6	Bathtub / Bathtub Enclosure - leak, tile, caulk, grout, window, damage, rust, drain slow, doors Bathtub / Bathtub Enclosure - leak, tile, caulk, grout, window, damage, rust, drain slow, doors			
3.7	Shower Stall - leak, tile, caulk, grout, loose, door, possible concealed damage Shower Stall - leak, tile, caulk, grout, loose, door, possible concealed damage			
3.8	Whirlpool Bath - hand held shower, GFCI, pump, leak, settlement, noisy, motor-access, switch			
3.9/10	Bidet - leak, cracked, loose / Sauna - inoperative			
3.11/12	Bathroom / Kitchen Fan - inoperative, discharge outside, noisy, desirable, ductwork			
3.14	Laundry Tub - leak, damage, cracked, concrete, loose, slow drain			

## COMMENTS

- See Supplementary Section  Inappropriate Materials or Installation

**DESCRIPTION**

- 1.0 Major Floor Finishes:**
- 1.1 Concrete
  - 1.2 Hardwood
  - 1.3 Softwood
  - 1.4/1.5 Carpet
  - 1.6 Resilient
  - 1.7 Ceramic/Quarry Tile
  - 1.8 Slate/Stone/Marble/Terrazzo
  - 1.9 Laminate
- 2.0 Major Wall Finishes:**
- 2.1 Plaster/Drywall
  - 2.2 Paneling
  - 2.3 Brick/Stone
  - 2.4 Concrete/Concrete Block
  - 2.5 Stucco/Texture/Stipple

- 3.0 Major Ceiling Finishes:**
- 3.1 Plaster/Drywall
  - 3.2 Acoustic Tile
  - 3.3 Suspended Tile
  - 3.4 Metal
  - 3.5 Stucco/Texture/Stipple
- 6.0 Windows:**
- 6.1.1 Single/Double Hung
  - 6.1.2 Casement
  - 6.1.3 Sliders
  - 6.1.4 Awning
  - 6.1.5 Fixed
  - 6.1.7 Skylights
  - 6.1.8 Solariums
- 6.2 Glazing:**
- 6.2.1 Single
  - 6.2.2 Double
  - 6.2.3 Triple
  - 6.2.4 Primary Plus Storm

- 7.0 Exterior Doors:**
- Solid Wood
  - Hollow Wood
  - Metal
  - Garage
  - Storm
  - French
  - Sliding Glass
  - Plastic/Fiberglass
- 8.0 Fireplaces:**
- 8.1 Masonry
  - 8.2 Zero Clearance
  - 8.3 Insert
  - 8.4 Gas
  - 8.5 Coal
  - 8.6 Roughed-In
  - 8.7 Non-Functional
  - 8.8 Wood Stove
  - None

- 9.0 Party Walls:**
- Masonry
  - Wood Frame
  - None In Attic
  - Not Visible

**10.0 BASEMENT/CRAWL SPACE LEAKAGE**

- Evidence of leakage
- Cannot predict how often or badly crawl space or basement will leak
- Read Section 10.0 in the text before taking action

**IMPROVEMENT RECOMMENDATIONS**  NONE AT PRESENT

Reference	Limitations	Task	Location	Time
1.0	FLOORS - water stains, loose, cracked, slope, bouncy, patched, damage, worn			
2.0	WALLS - water stains, loose, cracked, patched, damage			
3.0	CEILINGS - water stains, loose, cracked, sag, patched, damage - CO / smoke detectors			
4.0	TRIM/COUNTERS/CABINETS - water damage, loose, rot, obsolete, damaged, hardware			
5.0	STAIRS - uniformity, rise, run, tread width, headroom, railings, pitch			
6.0	WINDOWS - Primary / Storm - glass, sash, frame, sill, screen, hardware, - caulking, putty, weatherstripping - water damage, loose, cracked, broken, paint/stain, rot, condensation, lost seal, leak slope, operability, original lower quality units			
6.1.7	Skylight/Solarium - water damage, condensation, leak, rot, cracked, lost seal			
7.0	DOORS - main, garage (man-door), storm, french, sliding - glass, sash, frame, sill, screen, hardware, weatherstripping - damage, leak, adjust, trim, rot, operability, lost seal			
8.0	FIREPLACES / WOOD STOVES - inspect / sweep chimney before using - foundation, hearth, firebox, damper, mantle, mortar, lintel, liner - chimney draw, combustible clearance, shared flue, size, rust, gaps, settlement, support - gas leaks, lighter valve, fan, combustion air vent, doors, screens, damage			
9.0	PARTY WALLS			
10.0	BASEMENT / CRAWL SPACE LEAKAGE - efflorescence, stains, dampness, prior repairs 1. - gutters, downspouts, grading, driveways - attempt these improvements first 2. - cracks/form ties 3. - excavation, damproofing, tile - consider as a last resort - suspect, evidence of prior repairs			

- See Supplementary Section     Inappropriate Materials or Installation