

Blueprint Building Inspections 60 Symons Street Toronto, ON M8V 1T9

# **Inspection Report**



8 Patika Avenue Toronto, ON

# CONTRACT

Address of Service:	TERMS OF INSPECTION	N			
Date of Service:		Weather Conditions			
Client Name:	X		(hereafter	referred to as	the CLIENT)
Mailing Address:	X				
Home Phone:	x Mobile: x		Work Phone:	X	
E-Mail:	X		Inspection Fee:		
Closing Date:	X	I	Payment Method:	🗆 Cash	□ Cheque

#### The Inspection Company and the CLIENT or the CLIENT's Representative Agree as Follows:

#### 1. THE INSPECTION:

- a. The primary purpose of the Inspection is to help the CLIENT identify major deficiencies of the building.
- b. The Inspection is a general, **visual** examination and no destructive testing of any kind is performed.
- c. The Inspection is limited to the conditions apparent and existing on the day of the Inspection. Latent defects may not be discovered due to the restrictive nature of a visual inspection as well as any restrictions noted in the Report.
- d. The Inspection meets or exceeds the recognized Standards of Practice of OAHI (Ontario Association of Home Inspectors).
- e. The Inspection is NOT technically exhaustive, and measuring devices may or may not be used.
- f. The Inspector is a building inspection generalist, not acting as a licensed engineer or technician in any trade.
- g. The Inspection is designed to limit the risk of buying a property, but it **cannot eliminate your risk**, nor does the Inspection Company or Inspector assume your risk.
- h. The Inspection is not concerned with aesthetics and minor problems, although some may be noted in the Report.

#### 2. **INSPECTION RESTRICTIONS** (some of these may be included at the discretion of the Inspector, who has final authority) a. Any cost estimates for repairs or projected life spans for various aspects of the property are **general and non-binding** -

- they are for the information purposes of the CLIENT only and are not guaranteed or assumed to be entirely accurate. b. Any estimates of remaining life span of any component are strictly **estimates, and not guarantees of performance.** Any
- system may fail prematurely, whether due to abnormal wear, improper maintenance, manufacture or installation, or other unforeseen or indeterminable circumstances.
- c. **Code or ordinance compliance** and/or violations are expressly excluded functionality is the focus. Changes and feasibility of changes to building or property use are outside the scope of the Inspection and Report.
- d. The Inspector does not move any personal property on the premises.
- e. The Inspector will talk about termites and other wood destroying organisms if found, but does not guarantee that they do not exist in hidden areas. A pest control specialist should be consulted.
- f. Air conditioners will not be operated if the temperature has dipped below 12°C or 55°F in the previous 24 hours or if the unit is powered off to prevent damage to the unit.
- g. Furnace heat exchangers cannot be examined in full because they are not completely visible.
- h. The Inspector will not walk about in the attic if it is unsafe to do so or if he determines that damage may result.

i. The following are also outside the scope of the Inspection and Report (evaluation by a specialist is recommended):

- that which is covered, cannot be seen or is not readily accessible, the causes of which include but are not limited to soil, walls, ceilings, floors, carpeting and other flooring materials, furnishings, personal property or any other thing
   appliances and personal property, both inside and out, including playground equipment
- structural stability or engineering analysis, geological stability or soils condition, including driveways and sidewalks
- any aspect, area or component that would be dangerous for the Inspector to inspect
- no destructive or dangerous probing, dismantling or disassembly
- environmental concerns, including but not limited to asbestos, radon gas, lead paint or lead solder, toxic or flammable chemicals, electromagnetic radiation and water and airborne hazards
- inspection of detached structures, sheds and/or outbuildings unless specifically included
- fire protection, fire separations, security and warning systems or devices
- private water or private sewage systems, water softeners or purifiers, underground wiring and piping
- tennis courts, pools, spas, saunas, steam baths and related fixtures and equipment
- wood or gas burning stoves or fireplaces, radio-controlled devices, automatic gates, elevators, lifts, dumbwaiters, solar heating, central vacuum, security alarms, telephone or computer connections and any components thereof
- reliability and accuracy of thermostatic or time-clock controls
- efficiency of any system or component, including heat gain/loss analysis.

#### 3. THE REPORT:

- a. The Written Report is not valid unless it is Complete, due to the interconnected nature of building components.
- b. A Complete Written Report consists of this Contract and ALL pages of the Inspection Report, numbered or otherwise, unless a Specialized Service is requested:
- c. The Written Report supersedes any and all other communications, including a Verbal Report.
- d. Any item not specifically referenced in the Written Report is not within the scope of the Inspection.
- e. The Written Report is the **copyrighted work** of the Inspection Company, and the information is for the sole, confidential and exclusive use and possession of the CLIENT. The Written Report may not be re-sold by anyone without written permission from the Inspection Company. Notwithstanding this, the CLIENT absorbs all third-party liability should the CLIENT transfer the Written Report for any reason to any third party. The CLIENT is liable for any breach of this clause and must indemnify the Inspection Company directly in the amount of the original inspection fee or the amount for which the inspection is re-sold, whichever is greater.
- f. The Inspection Company recognizes and permits that the CLIENT may need to provide a copy to the CLIENT's Sales Agent, Lawyer or Banker for the purposes of the current transaction, but this permission terminates upon the Closing Date or upon the CLIENT choosing not to purchase the building. Transfer of any copy to any other party can only be done with permission and notification of the Inspector. Any such copy provided must be a Complete Written Report as defined above in this Contract in order to maintain context and any or all third-party liability is assumed by the CLIENT.

#### 4. THE CLIENT:

- a. The CLIENT acknowledges his/her own **responsibility to understand** the Written Report, whether by asking questions of the Inspector or by third-party translation.
- b. The CLIENT acknowledges that **failing to undertake any suggested repair** or maintenance, even if relatively minor, may lead to significant and disproportionate repair expenses, and saves the Inspection Company and/or Inspector from any harm or claim as the result of the CLIENT's failure.
- c. If the Inspector recommends that the CLIENT **consult with an expert** specializing in any given field, the CLIENT must do so at his/her own expense. The CLIENT acknowledges that failure to further investigate may result in significant financial loss to the CLIENT.
- d. After the Inspection date, telephone or e-mail consultation will be available to discuss any aspects of the Report and to discuss possible corrective measures and contractor proposals to repair or improve various building components.
- e. The CLIENT assumes the **risk for all conditions that are concealed from view** at the time of the Inspection and for any items not noted in the Written Report. The CLIENT understands that it is not humanly possible to review a dynamic system such as a building and discover all problems (present and future).
- f. Duty to Inform Any claim by the CLIENT with respect to any failures, errors or omissions on the part of the Inspection Company and/or its representatives must be made in writing no more than ten business days after the date of discovery.
- g. Any failure by the CLIENT to notify the Inspection Company as stated above constitutes a waiver of any and all claims for said failure to accurately report the condition in question.
- h. This agreement is binding upon the CLIENT's spouse, heirs, principals, assigns and anyone else who may otherwise claim through the CLIENT.

#### 5. LIMITATIONS OF LIABILITY:

- a. No claim is expressed or given that all problems will be discovered during the course of the inspection.
- b. The Financial Liability of the Inspection Company and/or its agents or employees, shall be **limited to the fee paid** for the Inspection and Report, should the Inspection Company and/or its agents or employees be found liable for any loss or damages resulting from a failure to perform any of its obligations, including but not limited to negligence, tort negligence, breach of contract, or otherwise.
  - The CLIENT agrees to **accept the refund of the fee as full settlement** of any and all claims which may ever arise. Should any individual clause in the Contract be ruled invalid by a Court of Law, the remainder of the Contract is still valid.
- e. **Right to Re-Inspect** The Inspection Company has the Right to Re-Inspect the premises before the CLIENT and/or his agents or independent contractors modify, alter or repair any such items out of which is arising a dispute. The Inspection Company MUST have the opportunity to examine any system or component before it is replaced or repaired to confirm its condition.
- f. The inspection and report are not intended to be used as a guarantee, warranty, insurance policy or certification of any kind, expressed or implied, regarding the adequacy, performance or condition of any inspected structure, item or system.

I have been given the opportunity prior to the inspection to read and clarify this contract, and understand and agree to the above.

SIGNATURE OF CLIENT or REPRESENTATIVE: X REPRESENTATIVE'S PRINTED NAME: (if Client not available)

INSPECTION COMPANY REPRESENTATIVE:

Х Initial here c. d.

10:00 May 24, 2013 8 Patika Avenue





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	Definitions
NOTE: All definition	ons listed below refer to the property or item listed as inspected on this report at the time of inspection
Acceptable	Functional with no obvious signs of defect.
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Improve	Item is acceptable but could be improved, either optionally or when doing other repairs nearby.
Not Inspected	Item was not inspected for safety reasons, due to lack of power, or it was inaccessible or disconnected at time of inspection.
Not Present	Item not present or not found.

### General Information

### Property Information

Note to reader: This report is the result of a visual inspection. The reader is cautioned that the scope of service, terms and conditions of this inspection and report are clearly specified in the signed contract. This inspection is an information session only and is not an express or implied guarantee or warranty. Reliance upon this report by other than the parties to the contract carries significant risk because the written report should be accompanied by a verbal report to clarify context of repairs. Due to the inherent complexity of a building, the reader must assume that not all defects have been found or reported. No third party liability is assumed by the inspection company. This inspection and report are copyrighted work and all relevant rights are reserved. The financial liability of the inspector and/or the inspection company is limited to the fee charged for the service, in any and all cases without exception.

Inspection Date 05/22/2013 Property Address 8 Patika Avenue City Toronto Prov ON

**Client Information** 

Client Name Jonathan Knell Phone 416-939-0778 416-762-8250 E-Mail jonathanknell@hotmail.com

Inspection Company

Inspector Name Frank Gruszewski Company Name Blueprint Building Inspections Address 60 Symons Street City Toronto State ON Zip M8V 1T9 Company Phone 416-694-5859 Fax Company E-Mail info@torontohomeinspections.com File Name 20130522-10-patika

Conditions

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General Information (Continued)

Others Present Listing Agent

#### Listing Agent ——— Name: Knell, Jonathan

For Purposes of Inspection, Entrance Faces South Electric On Yes Gas/Oil On Yes Water On Yes Space Below Grade Basement Estimated Age 60+ Building Type Detached, Single Family Garage Detached

#### Introduction to Our Service -

#### SUPPORT

Blueprint Building Inspections provides building inspection and information services designed to give you as much information as possible, in order to assist you to be completely comfortable in your new property.

One thing we have been stressing since 1995 is that our service does not end on the day of the inspection. We are available to you hours, days, weeks, months or even years after the inspection.

There are two ways to get help after the inspection - by phone or by web. There is an e-mail submission form on our website at www.torontohomeinspections.com, or you can e-mail us at info@torontohomeinspections.com. Our toll-free number is 1-888-812-5552.

#### WHAT TO EXPECT

The intent of our service is twofold: to provide you, the prospective property owner, with information about buildings in general and this house in particular; and to detect and identify major problems with the building.

The inspection Blueprint will be providing for you today is a visual inspection. The report is the opinion of the individual inspector based on his/her experience and knowledge of construction practices and building operation. The inspection is intended to be a comprehensive overview of the primary structure of the property and is not, and should not be considered, an exhaustive detailed inspection of each system and component. This service is designed to meet the standard for professional building inspections set by the Canadian Association of Home and Property Inspectors.

A building inspection is designed to better your odds, it cannot eliminate all risk of buying a building. Some problems will only occur intermittently (for example, during seasonal changes, when the wind is blowing from a specific direction, etc.). Others may only occur when the property is occupied and actively used (for example, a shower may not show evidence of a leak if used infrequently, but when used regularly a leak may become quite apparent).

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General Information (Continued)

Minor problems detected while inspecting for major problems will be noted as a courtesy, but should not be considered an integral part of the inspection. Blueprint's service is informational in nature and in no way is a guarantee or warranty on the building or its systems and components. Warranties can be purchased independently and we suggest you further investigate the products available if this is what you are looking for.

The inspection is not an inspection for code conformance or bylaw compliance. While some of the defects included in the report may, in fact, be code issues, they are generally only included if they affect the safety and/or habitability of the building. It is not possible to tell which code was in force at the time of the work. A 25 year old house in original condition may be operating quite acceptably and be perfectly safe, however, would not conform to current codes. Also, different municipalities have variations in codes and bylaws.

It has been estimated that there are approximately 3 million symptoms, clues and items that can be found in a building. With all of these variables it would be impossible for any individual to find and take into consideration every one within the scope of a visual inspection. Therefore, there will be areas where Blueprint will not make a definitive statement. For example, the inspector cannot:

- Predict the future behaviour of systems and components of the building. If there are no visible clues to indicate a past problem, it is unfair to assume we should be able to predict a future problem;

- Tell you that water or moisture will never seep into your basement or through your roof coverings;
- Tell you whether mechanical equipment will continue to operate after we leave the property;
- Describe the condition or operation of mechanical components behind walls or in inaccessible areas;
- Tell you that heating and air conditioning equipment will keep you comfortable in all areas of your house in all weather conditions;
- Be assured of the condition of structural components of the building where covered by finishes or inaccessible.
- There are some things that you can be reasonably assured will happen. For example:
- You will be able to find opinions that differ from those of the inspector;
- You will end up spending money on repairs not noted in the inspection report;

- If you don't inspect and maintain your roof regularly, it will leak, if you don't inspect and maintain the appropriate surface water management systems you will have moisture in your basement area;

- If you don't inspect and maintain caulking and grouting around tubs and tiles on a regular basis you will get leaks at, around and under this area;

- Mechanical items will operate intermittently;
- Problems will not be found or suspected in the absence of symptoms, clues or signs;
- Symptoms, clues and signs are often covered up;
- Some systems and components will operate differently under different weather conditions.

Building Inspectors are generalists in all areas of building construction and building science. As a rule, we do not have specialized knowledge of each area. A useful analogy may be to the medical profession where a general practitioner can give you an overall physical exam, but would not be able to find conditions that did not produce any symptoms or clues. A specialist, on the other hand, may find problems due to his/her specialized knowledge and/or testing procedures.

#### FOCUS OF INSPECTION

The inspection is focused on the main structural/mechanical systems and components of the primary building, along with areas that could have an impact on the primary building (ex - lot grading, trees, etc).

The inspector assesses the property objectively, inspecting each system and component to determine whether it is performing the basic function for which it was intended. He/she will note any observable major deficiencies that cause the system or component to perform or operate below its intended function. What one person sees as a major problem could be considered as minimally significant to another person, and vice-versa. Further investigation by a specialist may reveal problems or implications not noted by the inspector.

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General Information (Continued)

The inspector will take into consideration the age of the system. Older systems may not be performing at the same level of efficiency as when they were new; however, this does not mean they should be considered deficient. Within reasonable levels of tolerances, the inspector will not point out older items that are functioning properly, unless there is a high potential of failure in the near term. While our inspectors are trained in detecting items that are nearing the end of their life cycle or that may fail in the foreseeable future, this inspection is a statement of the condition of the building at the time of the inspection and cannot predict the future.

The opinions expressed by the inspector, both verbally and in writing will have been determined or deduced by what the inspector has observed. It is certainly possible that a current problem does not leave a visible clue. Unless there are substantial and real visible clues, the inspector will generally not provide "could or might" type scenarios. Millions of "what if" scenarios can be proposed and therefore the inspector will generally not initiate "what-if's" but the inspector will discuss them if you ask "what-if".

Most major or significant problems in a building will be accompanied by more than one symptom or clue, therefore, if some are hidden or obstructed, others may be evident.

Except in a limited manner, the inspector will not undertake any destructive or disruptive testing. The inspector will not bore holes in the walls, floors or ceilings, or take core samples of the roof or other material. The inspector's job is to locate or notice as many items as is physically possible by observation, and then deduce conclusions from the total picture.

Where an inspector has indicated an area is restricted, assume it has not been inspected - you are assuming liability for that area.

#### TWO PASS INSPECTION SYSTEM

Blueprint's inspections are performed in two parts or "passes". On the first pass of the house the inspector will go through and around the house on his/her own, systematically inspecting each of the systems and components covered by the inspection, and simultaneously creating a written report describing their findings.

On the second pass of the house, you will be invited to accompany the inspector through the house while he/she verbally describes their findings. The goal of the second pass is to review the inspector's findings and to give you as much information as possible in the time available to assist you in understanding the building. If you have questions, or there are areas not covered by the inspector, please feel free to ask for clarification or further explanation.

The verbal report is intended to clarify the written report. Also, since verbal communications are subject to each person's interpretation (and even frame of mind), the written report will be considered representative of the inspector's findings. Where there are differences between the written report and what you understand the inspector to have said, we assume you will call Blueprint to achieve a satisfactory clarification.

The purpose of this system is to allow the inspector to focus his/her undivided attention on the house and the report during the first pass and to allow as much time and detail as is necessary to perform a comprehensive inspection. On the second pass, the inspector can focus his/her complete and undivided attention on you, to ensure you have all the information you need to feel comfortable with the decision you make about the house.

Some areas hold more importance than others for different people. Some people hold certain areas to be of the highest importance and significance, while other people will consider an entirely different area to be the most important. Our inspectors will focus their second pass discussions on the areas experience has taught us are generally the most important to most people. However, if an area or item of the house is not given enough time by the inspector relative to its importance to you, or you are unclear of consequences or ramifications, we assume you will ask any and all questions necessary to feel comfortable with that item or area. The inspector will also do his/her best to give you maintenance and repair tips during the second pass. These are given at the inspector's option, time permitting, and are not an integral part of the inspection.

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General Information (Continued)

SIGNIFICANT NOTE: Repair/upgrade costs if given are at the discretion of the inspector. The costs given represent, in the opinion of the inspector, the most prudent action. For reasons of personal preference or long term cost effectiveness, you may choose to take actions different from those recommended by the inspector. Further, costs can vary widely depending on numerous factors, including the contractor chosen. For all of the preceding reasons, we strongly recommend confirming all cost estimates with relevant professionals.

#### YOUR RESPONSIBILITIES

Our goal is to point you in the right direction when we find a defect. We will discuss various methods of repair as time allows, but our primary focus is to help you determine when and who to contact to get more detailed information. There are several ways of approaching each item in need of attention. Repairs can be basic and temporary, or more involved and robust in nature. In some cases, building components can be upgraded. Cost is often a factor.

We have learned over the years that only the new owner can prioritize and undertake repairs, based upon preferences and budget. We would like to hold everyone's hand and make sure all repairs are done diligently, but ultimately the owner is responsible for the care and maintenance of their investment. Make sure that you understand all of the information conveyed to you. Ask questions during the inspection. Review this report as soon as possible and investigate further any areas of uncertainty. Call or email us if you have any questions.

Building Inspectors are generalists in all areas of building construction and building science. As a rule, we do not have specialized knowledge of each area. A useful analogy may be to the medical profession where a general practitioner can diagnose most common ailments, but will refer you to a specialist when more detailed testing and diagnosis is the best course of action.

This report indicates some areas where there is a problem or a potential problem in your building - it does not purport to indicate every problem or potential problem that may exist. Since any of these problems may be more extensive or opinions may differ upon a specialized investigation, we do recommend that you check the opinions in this report with a technician or specialist in the appropriate field, especially where indicated in the report.

Blueprint believes our visual inspection and information service to be quite helpful and useful to prospective building owners, as evidenced from comments from past clients. We endeavor to provide a conscientious, comprehensive and thorough visual inspection. However, we also know that some items may be missed during the inspection. If you are dissatisfied for any reason, we expect that you will communicate any concerns and considerations to us immediately upon discovery so that we can help you. Contact us before making any repairs, with reasonable lead time to allow us to attend the property before commencement of repairs. After a repair has been started it may be impossible to assess the prevailing conditions prior to the repair.

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Roof		
In a condominium unit such as this, the roof system is not evaluated because it is the responsibility of the condominium corporation. As a result, the roof is totally disclaimed. The corporation has established a reserve fund to deal with repairs and replacement, and we advise the resident to consult further with the condominium corporation on these matters.		
NOTE: All definition	ons listed below refer to the property or item listed as inspected on this report at the time of inspection	
Acceptable	Functional with no obvious signs of defect.	
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Defective	Item needs immediate repair or replacement. It is unable to perform its intended function.	
Investigate	Item not within scope of inspection OR requires specialization OR cannot fully determine its condition.	
Improve	Item is acceptable but could be improved, either optionally or when doing other repairs nearby.	
Not Inspected	Item was not inspected for safety reasons, due to lack of power, or it was inaccessible or disconnected at time of inspection.	
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- 1. Restrictions: roof viewed from edge and ground, Roof pitch too steep to walk safely Roof Surface -
- 2. Method of Inspection: Ladder at eaves
- 3. Acceptable, Investigate Material: Asphalt

shingle: Typical wear and tear - expanded seams, edges wearing, minor edge curl, brittleness, granules wearing and some nails poking through. Expect replacement in next 2-3 years approximately, and possibly some spot repairs in the interim



- 4. Type: Gable
- 5. Approximate Age: 10-15 years old, in last third of typical life cycle: Most roofs are designed to last 15 years. Note that the age estimate is based upon the appearance of the shingles. They may be older or younger, but the wear patterns indicate the age that was recorded by the inspector. Suggest replacement in next 2-3 years, as leaks become more likely.

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### Roof (Continued)

6. Tips We highly recommend a roof and flashing tune-up every 4-5 years as materials such as caulking deteriorate more quickly than other components of the roof. Due to the current condition, we recommend a roofer perform minor maintenance/repairs in the short term. At a minimum suggest the addition of caulking as required



- 7. Acceptable Wall Flashing: Metal
- 8. Acceptable Plumbing Stacks: Cast Iron
- 9. Acceptable Roof Vents: Surface mount
- 10. Acceptable Gutters: Aluminum
- 11. Acceptable Downspouts: Aluminum
- 12. Acceptable

Leader/Extension: Extensions: Monitor the function of the downspout extensions in winter and during heavy rains to confirm that downspouts move water away from foundation. Rear downspout has a rain barrel configuration.



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### Roof (Continued)

#### 13. Improve

Leader/Extension: Underground pipes: In the City of Toronto, it is contrary to bylaws to allow roof drainage to discharge into underground pipe and then into the sewer system. Recommend disconnecting downspouts from underground drains to discharge onto soil 3-6 feet away from foundation, When downspouts discharge into the underground pipes, the water can spill into the surrounding soil, especially if the pipes are clay, angled or older. This water tries to enter the basement. Also, this water can add humidity at the interior base of the walls.



#### West Chimney

- 14. Acceptable Chimney: Brick: Chimney is in good condition and has been rebuilt at top portion.
- 15. Acceptable Flue/Flue Cap: Metal liner
- 16. Acceptable Chimney Flashing: Metal

### Exterior Surface and Components

In a condominium unit such as this, the exterior surfaces and components are not evaluated because they are the responsibility of the condominium corporation. As a result, the exterior is totally disclaimed. The corporation has established a reserve fund to deal with repairs and replacement, and we advise the resident to consult further with the condominium corporation on these matters.

NOTE: All definitions listed below refer to the property or item listed as inspected on this report at the time of inspection Acceptable Functional with no obvious signs of defect.

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1. Restrictions: Storage/personal property

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### Exterior Surface and Components (Continued)

#### 1st Floor Exterior Surface -

2. Acceptable Type: Brick: Minor mortar issues are typical of older homes. In this case there are a few mortar repairs that have been done and one or three that could be done in the next 2-5 years. No action required at this time.



2nd Floor, At windows Exterior Surface -3. Acceptable Type: Aluminum siding

Foundation Exterior Surface

4. Acceptable Type: Parged coating

#### Windows -

- 5. Acceptable Window Materials Plastic
- 6. Acceptable Window Operation Hung, Sliders
- 7. Acceptable Thermal Characteristics Thermal Pane
- 8. Acceptable Window Trim Metal clad: It is important to monitor and maintain exterior caulking and paint to ensure weather resistance. Paint and caulk should be evaluated at least annually and repaired as needed.
  9. Acceptable Window Sills Jointed: Joints in sills frequently crack and allow moisture to penetrate monitor
  - ' regularly

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### Exterior Surface and Components (Continued)

10. Improve

Window Wells Wood: Keep clear of debris/leaves and monitor drainage, improving the mini-window well if needed.



- 11. Acceptable, Improve Trim/Awnings: Aluminum: Awning over front door has loose fasteners at the sides suggest anchoring into the brick
- 12. Acceptable Fascia: Aluminum
- 13. Acceptable Soffits: Aluminum
- 14. Acceptable Entry Doors: Metal, Wood: Consider upgrade to energy efficient door, Improve door security by installing a deadbolt at rear (existing type of lock is vulnerable to being forced open, but there is a bolt in the floor also)
- 15. Acceptable Exterior Lighting: Surface mount
- 16. Marginal Exterior Electric Outlets: 110 VAC: Non-GFCI outlet suggest replacement. The ground within the existing receptacle is also loose which indicates replacement is needed.
- 17. Marginal Exterior Wiring: Surface mounted wire: Improper wiring for exterior application (should be black or gray NMWU grade of wire as opposed to this NMD wire which is rated only for indoor use), Exposed wiring present should be physically protected. These are not imminent issues and are typical, but should be addressed if contracting the services of an electrician for other purposes.
- 18. Not Inspected Exterior Wiring: Buried: Buried wire should be 32" deep and run through conduit or buried under rot resistant boards. There is no way for the inspector to confirm correct burial procedures, so use caution if any excavation or garden work is undertaken. Suspect in some type of conduit at least partially, based upon the conduit that was visible in the garage.
- 19. Acceptable Hose Bibs: Frost-free: Shut off interior valve in winter and drain pipe by opening exterior valve

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Lots and Grounds

In a condominium unit, the lots and grounds are not evaluated because they are usually the responsibility of the condominium corporation. As a result, the exterior, lots and grounds are totally disclaimed. Confirm on the status certificate what the corporation's responsibilities are. The corporation has established a reserve fund to deal with repairs and replacement, and we advise the resident to consult further with the condominium corporation on these matters.

NOTE: All definitions listed below refer to the property or item listed as inspected on this report at the time of inspection Acceptable Functional with no obvious signs of defect.

1.0000010	
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Not Present	Item not present or not found.

- 1. Acceptable Driveway: Asphalt
- 2. Acceptable Porch: Concrete, Stone veneer
- 3. Acceptable Patio: Paving stone
- 4. Improve Grading: Inconsistent slope: Ensure grading slopes away from structures. Monitor drainage patterns in heavy rains or during spring thaws to properly assess grading. Lower spots need to be raised up. This is THE most common recommendation that we make.
- 5. Tips When water or dampness enters a basement, it often started out on the roof. The prevention of rainwater running toward the building at ground level is the first line of defense in protecting against basement seepage. Any areas where water can accumulate or run down the foundation wall should be regraded and sealed so that water extends well away from the building. To allow water to run towards the building is to invite problems.
- 6. Acceptable Retaining Walls: Garden dividers: Replace rotted wood dividers at west side minor

### Garage/Carport

Garages are not the focus of this inspection. The primary focus is the main structure on the property, but the garage is given a cursory inspection. Electrical components will be inspected and any wood to soil contact or rot will be noted. A more detailed evaluation that requires additional time means that an additional fee is required.

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Acceptable	
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### Garage/Carport (Continued)

1. Restrictions: Restricted view of roof structure, Storage inside, Exterior wall not visible

#### Rear Garage -

- 2. Type of Structure: Detached Car Spaces: 1
- 3. Acceptable Garage Doors: Wood
- 4. Acceptable Door Operation: Mechanized
- 5. Acceptable Exterior Surface: Masonry
- 6. Acceptable Roof: Asphalt shingle
- 7. Acceptable Roof Structure: Rafter
- 8. Acceptable Service Doors: Man door to exterior
- 9. Acceptable Walls: Block
- 10. Acceptable Floor/Foundation: Concrete: Concrete shrinkage cracks are typical, non-structural, and happen most often in the first few months after installation. Monitor cracks for changes. This crack appears to have shifted slightly typically caused by moisture beneath the concrete that freezes and lifts.
- 11. Acceptable Hose Bibs: With shutoff
- 12. Marginal

Electrical: 15 amp 3 prong receptacles, 110 volt lighting circuits: Non-GFCI circuit -recommend GFCI circuit be installed, Surface mounted, unprotected wire should be run through conduit to protect it. Relatively minor issues but they should be addressed. A licensed electrician is recommended to evaluate and estimate repairs



### Attic

Only portions of the attic are visible. Areas within the attic are restricted from view by the insulation, structural members, irregular attic and roof configurations and poor lighting.

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416-694-585

### Attic (Continued)

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#### Front Attic -

- 1. Restrictions: 20% visible, Visible from front hatch only, Insulation. no access to upper attic or rear attic hatch
- 2. Method of Inspection: From the attic access



- 3. Acceptable Unable to Inspect: 80%
- 4. Acceptable Roof Framing: Rafter
- 5. Acceptable Sheathing: Dimensional wood
- 6. Acceptable Ventilation: Roof vents
- 7. Acceptable, Improve Insulation: Fiberglass batts: Insulation levels are lower at R8-12 but typical consider improvements
- 8. Acceptable Vapor Barrier: Plastic, Paper: A vapour barrier minimizes moisture condensation within the layers of insulation. Likely none present in other attics. Typical older house note: Paper not as effective as plastic and ideally the paper barrier should not be buried in the middle of the insulation.
- 9. Acceptable Bathroom Fan Venting: Insulated ducting: It is a good setup in that bathroom fan(s) do not improperly vent into attic, which could cause condensation/moisture damage to the insulation and any wood in the attic

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#### Structure In most cases, there is very little structure visible and this is purely a visual inspection. The structure above the ceiling and behind the walls was not visible. Keep in mind that the location of components, sheer size and number of structural components prevents viewing of them all. The client is assuming the risk of areas hidden from view. NOTE: All definitions listed below refer to the property or item listed as inspected on this report at the time of inspection Functional with no obvious signs of defect. Acceptable Marginal Item is not fully functional and requires repair or servicing. Defective Item needs immediate repair or replacement. It is unable to perform its intended function. Item not within scope of inspection OR requires specialization OR cannot fully determine its Investigate condition. Item is acceptable but could be improved, either optionally or when doing other repairs nearby. Improve Not Inspected Item was not inspected for safety reasons, due to lack of power, or it was inaccessible or disconnected at time of inspection. Not Present Item not present or not found.

- 1. Restrictions: 5% visible, Ductwork, Finishes on ceiling, walls and floor, Storage along walls
- 2. Acceptable Structure Type: Masonry (1st floor), Wood frame (2nd floor)
- 3. Acceptable Foundation: Block
- 4. Acceptable Beams: Steel I-Beam
- 5. Acceptable Joists: 2x8
- 6. Acceptable Piers/Posts: Poured piers and steel posts
- 7. Acceptable Floor/Slab: Non-structural concrete
- 8. Acceptable Floor sheathing: Dimensional wood

### Basement

In most cases, there is very little structure visible. Wall framing and floor framing on upper floors are inaccessible, and finished basements or storage along walls can be insurmountable restrictions to a visual inspection. Modifications to the structure, such as occurs when walls are removed, are usually hidden by finished surfaces so that the structural members are unseen. The buyer is assuming the risk of areas hidden from view.

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Basement (Continued)

Ba	aser	ne	n	t	
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- 1. Restrictions: See restrictions for Structure
- 2. Acceptable Ceiling: Drywall or plasterboard
- 3. Acceptable Walls: Drywall or plasterboard
- 4. Acceptable Floor: Carpet, Linoleum/resilient: If removal of older tiles is ever undertaken, they should first be tested for asbestos. However, covering them with other tiles, as done here for the most part, is very acceptable.
- 5. Acceptable Floor Drain: Surface drain
- 6. Improve Electrical: 15 amp 3 prong receptacles, 110 volt lighting circuits: There is no 3-way light switch for the basement, so light cannot be shut off at the top and bottom of the stairs, only at the top. A licensed electrician is recommended to evaluate and estimate repairs
- 7. Acceptable HVAC Source: Heating system register
- 8. Acceptable Vapor Barrier: Plastic
- 9. Acceptable Insulation: Fiberglass Batts
- 10. Investigate Sump Pump: Not present: None installed, but would be a good suggestion to further investigate the installation of a sump pump.

Basement Stairs

- 11. Type Turns and landings
- 12. Defective Handrails No railing: Missing railing, Liability issue and safety hazard that should be addressed in the short term

Average (through finishes) Invasive Testing(Moisture Probe) -

13. Acceptable Reading: 14-22%: Moisture readings below 20% are desirable, because mold, mildew and fungi start to grow (especially on wood or cellulose based products) at around the 20% mark. During wet spring conditions, moisture levels can rise. Monitor exterior drainage to ensure that water runs away from foundation.

### Plumbing

As with many building systems, much of the plumbing system is hidden from view. The inspector will operate all fixtures possible and evaluate the visible portions, but problems with venting, leaks or other defects may be discovered after the buyer occupies the property. Even a property that is vacant will restrict the inspector because no current usage pattern exists. We reiterate that the inspection is a visual inspection of all systems on the day of the inspection, and the unique usage patterns of different users may result in the discovery of undetected problems.

Fire protection (and alarm) systems must be inspected as per the requirements of the Fire Code by a certified technician. If the inspector observes any leaks or obvious wiring defects, they will be noted in the report, but this is not the focus of the inspection and the systems must be disclaimed.

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### Plumbing (Continued)

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- Not Present Item not present or not found.
- 1. Restrictions: Throughout all buildings, wall and ceiling finishes restrict complete evaluation hidden defects usually go undetected during inspections
- 2. Investigate Service Line: Lead: Lead supply pipes should be flushed in morning for a moment before drinking water, and also restrict water pressure. It corrodes from inside causing decreased flow rates and will eventually require updating. The supply line comes up in the SW corner of the basement through a gravel lined pit, from under a metal plate. There is water in the hole (lots of rain the last few days), which is adding humidity to the area. Suggest taking some positive actions to seal the area. This could involve filling the hole with concrete, adding a pump, sealing the metal plate into place or some other action. Consult a plumber/contractor for further suggestions on a course of action. Not an immediate type repair, but investigation should be prudently done this year or next.

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### Plumbing (Continued)

Service Line: (continued)



- 3. Acceptable Main Water Shutoff: Basement
- 4. Acceptable Water Lines: Copper, PEX: According to most if not all available sources of information, PEX plastic tubing, which is heat treated to strengthen it, is reliable for use in plumbing when properly installed.
- 5. Acceptable Drain Pipes: ABS, Cast iron
- 6. Acceptable Vent Pipes: ABS, Cast iron: Venting refers to the introduction of air from above a fixture. All fixtures should eventually connect to the plumbing stack on the roof so that atmospheric pressure can help push water down the drain, so that methane gas is vented harmlessly to the exterior, and so that air can be introduced into the drain lines to prevent a vacuum that can inadvertently suck a trap dry as water rushes past from another draining fixture (Bernoulli Principle).

Furnace area Water Heater -

- 7. Acceptable Water Heater Operation: Functional at time of inspection: We suggest that you drain out a bucket of water from the drain valve on the water heater whenever you change your furnace filter. This will help cut down on sediment which will help maintain the unit's efficiency and lifespan. You will also notice any changed in water quality that would signal a need for service by a certified technician.
- 8. Type: Natural gas Capacity: 40 US Gal. = 150 Litres
- 9. Approximate Age: 9 Area Served: Whole building
- 10. Acceptable, Investigate Flue Pipe: Metal: Orphaned water heater (orphaned when furnace disconnected from chimney) may not create enough heat to generate adequate chimney draft. Has been known to lead to combustion spillage of CO into house in combination with other factors. Consider power vented water heater.
- 11. Acceptable TPRV and Drain Tube: Brass valve, CPVC tube

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#### Electrical The electrical system is largely hidden, and visible defects are noted. A number of visible defects often means that there are more defects that are not visible. Other issues, such as type of wiring, are spoken of in general terms in addition to any noted repairs. It is recommended that a licensed electrician conduct the repairs and further evaluate the system. NOTE: All definitions listed below refer to the property or item listed as inspected on this report at the time of inspection Functional with no obvious signs of defect. Acceptable Marginal Item is not fully functional and requires repair or servicing. Item needs immediate repair or replacement. It is unable to perform its intended function. Defective Item not within scope of inspection OR requires specialization OR cannot fully determine its Investigate condition. Item is acceptable but could be improved, either optionally or when doing other repairs nearby. Improve Not Inspected Item was not inspected for safety reasons, due to lack of power, or it was inaccessible or disconnected at time of inspection. Not Present Item not present or not found.

- 1. Restrictions: Throughout all buildings, wall and ceiling finishes restrict complete evaluation hidden defects usually go undetected during inspections
- 2. Service Size Amps: 100
- 3. Acceptable Service: Overhead
- 4. Acceptable 120 VAC Branch Circuits: Copper
- 5. Acceptable 240 VAC Branch Circuits: Copper
- 6. Acceptable Conductor Type: BX (armoured cable), NMD-90 (Romex), NMD-3 or 7 (Loomex)
- 7. Investigate Conductor Type: Ungrounded cable: Ungrounded cable is feeding 3 prong receptacles, hence they are ungrounded, Originally used as a replacement for knob & tube, ungrounded 2 conductor wire was replaced in the 1950s by 2-conductor wire with a ground. Suggest GFCI installation or other measures as recommended by a licensed electrician
- 8. Acceptable Ground: Plumbing ground

Basement (SE) Electric Panel -

- 9. Acceptable Manufacturer: Square D
- 10. Maximum Capacity: 125 Amps
- 11. Acceptable Main Disconnect Size: 100 Amps
- 12. Acceptable Breakers: 15, 20, 30, 40 amps

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Heating System

The visual inspection of a heating system will include operation of the unit if it can safely be done. Age estimates are determined by appearance and decoding of serial numbers, unless the actual date of manufacture is visible on the unit. The age estimate should be considered a best guess, and the recommended course of action for the buyer is to contact the manufacturer with the model and serial number to confirm the age of the system. Finally, keep in mind that a furnace is a machine, and can break down at any time.

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- 1. Restrictions: Sealed combustor heat exchanger is 0% visible
- Basement Heating System -
- 2. Acceptable Heating System Operation: Appears functional: Consult a heating technician to develop an annual maintenance program to maximize the life of the unit.
- 3. Manufacturer: Lennox
- 4. Type: Forced air Capacity: +- 45 kbtu/hr
- 5. Area Served: Whole building Approximate Age: 2
- 6. Fuel Type: Natural gas
- 7. Acceptable Heat Exchanger: Sealed primary and secondary heat exchanger
- 8. Acceptable Blower Fan: Below heat exchanger
- 9. Acceptable Condensate Removal: Electric pump, To drain pipe, Same as cooling
- 10. Acceptable Air Filter 4" pleated disposable: Old electrostatic cleaner bay has been used with 4" pleated (Spaceguard) filter for better effectiveness, Replace for heating season and cooling season 2X per year
- 11. Acceptable Distribution: Metal duct
- 12. Acceptable Draft Control: Motor driven
- 13. Acceptable Flue Pipe: White plastic (class IIA gas vent)
- 14. Acceptable Thermostats: Programmable: Programmable thermostats can save up to 20% energy over mechanical thermostats.
- 15. Acceptable Humidifier: Flow through type: While cleaner than drum style humidifiers, these are wasteful of water. Change pad once a year.
- 16. Suspected Asbestos: No

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Air Conditioning

The visual inspection of an air conditioning system will include the operation of the unit if the exterior temperature has been above 15 degrees Celsius for the last 24 hours. Age estimates are determined by appearance and decoding of serial numbers, unless the actual date of manufacture is visible on the unit. The age estimate should be considered a best guess, and the recommended course of action for the buyer is to contact the manufacturer with the model and serial number to confirm the age of the system. We recommend that the unit be examined/serviced by a licensed contractor in the first year of building ownership to get a complete picture of its operation. Finally, keep in mind that an air conditioner compressor is a machine, and can break down at any time.

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### 1. Restrictions: Coils in air handler plenum restricted as is the case in almost all installations.

Exterior AC System

- 2. Acceptable A/C System Operation: Functional: Expected life span in our area is +-15 years, and this is a newer unit. A qualified air conditioning contractor is recommended to evaluate and do annual maintenance on system to gain more information on its condition and performance.
- 3. Acceptable Condensate Removal: Electric pump, To drain pipe
- 4. Acceptable Exterior Unit: Pad mounted
- 5. Manufacturer: Lennox
- 6. Area Served: Whole building Approximate Age: 2
- 7. Type: 220 volt electric Capacity: 1.5 Ton
- 8. RLA 9.0 Max Fuse Capacity 20 amp
- 9. Acceptable Visible Coil: Copper core with aluminum fins
- 10. Acceptable Refrigerant Lines: Low pressure and high pressure
- 11. Acceptable Electrical Disconnect: Exterior weatherproof box
- 12. Acceptable Air Filter Same as heating system filter See Heating Section: As a matter of good maintenance, we recommend checking the air filter monthly and cleaning or replacing as necessary. Change filter regularly in cooling season also. An ineffective filter will allow accumulation of dust on evaporator coil, and will lower cooling effectiveness and possibly lifespan of system. If cleanliness of evaporator in ductwork is questionable, consider having the system cleaned by a certified technician.

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### Laundry Room/Area

The area was examined for leaks, damage and, symptoms of structural problems. Cosmetic issues are of no concern to the inspector, even though they may be important to the purchaser (and expensive to change/repair). Components of systems such as heating or electrical are also inspected.

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#### 1. Restrictions: Laundry appliances themselves

- Basement Laundry Room/Area -
- 2. Investigate

Laundry Tub: Plastic: Appears to be a minor leak under the laundry tub, at the front of the cabinet on the floor. Moisture readings in the wood were over 25%, indicating the leak is active. No obvious cause found during inspection. Monitor and repair as needed.



- Laundry Tub Faucet: No shutoffs 3. Acceptable
- Laundry Tub Drain: ABS plastic 4. Acceptable
- Washer Hose Bib: Rotary 5. Acceptable
- Washer and Dryer Electrical: 110-220 VAC 6. Acceptable
- Dryer Vent: Flex duct: Flex duct restricts air flow and traps more lint than smooth walled rigid 7. Acceptable ducting. Clean ducting annually.
- Washer Drain: Drains to ABS drain pipe 8. Acceptable

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Kitchen           The area was examined for leaks, damage or symptoms of structural problems. Cosmetic issues are of no concern to the inspector, even though they may be important to the purchaser (and expensive to change/repair). Components of systems such as heating or electrical are also inspected.	
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1. Restrictions: Typical restrictions - finishes on walls, ceiling, floors and storage in cupboards, as well as appliances themselves

### 1st Floor Kitchen

- 2. Acceptable Ventilation: Over the stove fan vented to exterior
- 3. Acceptable Sink: Stainless Steel
- 4. Investigate Electrical: 110 VAC outlets and lighting circuits, 15 amp GFCI: Newer electrical work in kitchens are usually 20 amp GFCI receptacles (currently used to allow high draw appliances to function in tandem while providing protection against ground fault shock). Older work is usually 15 amp split receptacles (formerly used to allow high draw appliances to plugged in without tripping breaker/fuses) suggest replacement of existing GFCIs with 20 amp kind (suspect the wire is 12 gauge already and can handle 20 amps, but needs to be confirmed by a licensed electrician.
- 5. Acceptable Faucets: With shutoffs
- 6. Acceptable Traps: Trap can be opened (locknuts)
- 7. Acceptable Counter Tops: Granite or similar

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Bathroom

The area was examined for leaks, damage or structural problems. Cosmetic issues are of no concern to the inspector, even though they may be important to the purchaser (and expensive to change/repair). Components of systems such as heating or electrical are also inspected.

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1. Restrictions: Typical restrictions - finishes on walls, ceiling, floors and storage in cupboards Basement Bathroom

- 2. Acceptable Ceiling: Drywall
- 3. Acceptable Walls: Drywall
- 4. Acceptable Floor: Ceramic tile
- 5. Acceptable Doors: Hollow
- 6. Acceptable Electrical: 110 VAC outlets and lighting circuits, GFCI protected receptacle
- 7. Acceptable Counter/Cabinet: Granite or similar
- 8. Acceptable Sink/Basin: Molded single bowl
- 9. Acceptable Faucets: With shutoffs
- 10. Acceptable Traps: Trap can be opened (locknuts)
- 11. Acceptable Tub/Surround: Soaker fiberglass tub
- 12. Acceptable Shower/Surround: Tile surround, Tile shower pan
- 13. Acceptable Toilets: 6.0/3.0 litres per flush
- 14. Acceptable HVAC Source: Heating system register
- 15. Acceptable Ventilation: Electric fan

2nd floor Bathroom -

- 16. Acceptable Ceiling: Drywall or plasterboard
- 17. Acceptable Walls: Drywall or plasterboard
- 18. Acceptable Floor: Ceramic tile
- 19. Acceptable Doors: Hollow
- 20. Improve Electrical: 110 VAC outlets and lighting circuits: Non-GFCI circuit -recommend GFCI circuit be installed
- 21. Acceptable Sink/Basin: Pedestal
- 22. Acceptable Faucets: No shutoffs
- 23. Acceptable Traps: Trap can be opened (locknuts)

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### Bathroom (Continued)

24. Defective Tub/Surround: Porcelain/enamel tub, Tile surround: Water does not operate as faucet is faulty. Suggest repair or replacement of faucet. Also, the window covering (California shutter) is restricted at the shower curtain bar (again a

minor point).



- 25. Acceptable Toilets: 6.0 lpf, Lined tank
- 26. Acceptable HVAC Source: Heating system register
- 27. Acceptable Ventilation: Electric fan

### Interior Space

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1. Restrictions: Typical restrictions - finishes on walls, ceiling, floors and storage in cupboards, Furniture From first floor Stairs

- 2. Type Turns and landings
- 3. Acceptable Handrails No railing: Missing railing, Liability issue and safety hazard that should be addressed in the short term
- 1st floor, 2nd floor Interior Space -
- 4. Acceptable Ceiling: Drywall or plasterboard

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### Interior Space (Continued)

- 5. Acceptable Walls: Drywall or plasterboard
- 6. Acceptable Floor: Ceramic tile
- 7. Acceptable Floor: Hardwood: Hardwood manufacturers recommend 40-50% humidity in winter to prevent shrinkage. This higher humidity can reduce indoor air quality. Use a hygrometer to strike a balance so that windows and walls do not collect condensation. Keep blinds open slightly for the same reason. If situation persists, an HVI certified HRV (Heat Recovery Ventilator) should be considered.
- 8. Acceptable Doors: Hollow
- 9. Defective Electrical: 15 amp 3 prong (110 volt) receptacles, 110 volt lighting circuits: Open or missing ground, suggest replacement of receptacles with GFCI type to protect against short circuits to ground, which is a shock hazard. See Electrical section notes. Scarcity of electrical receptacles noted - suggest addition to better accommodate modern electrical demands and reduce the risk of octopus wiring and extension cord over-use (known fire hazards). A licensed electrician is recommended to evaluate and estimate repairs
- 10. Acceptable HVAC Source: Heating system register
- 11. Improve Smoke Detector: Battery operated: Every 7-10 years, manufacturers recommend that new detectors should be installed. Vacuum out intake ports periodically. Suggest CO detector on 2nd floor ceiling and/or outside sleeping areas. Due to age, suggest replacement now

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### Marginal Summary

This summary is not the entire report. The complete report may include additional information of concern to the client. It is recommended that the client read the complete report.

Roof

Tips We highly recommend a roof and flashing tune-up every 4-5 years as materials such as caulking deteriorate more quickly than other components of the roof. Due to the current condition, we recommend a roofer perform minor maintenance/repairs in the short term. At a minimum suggest the addition of caulking as required

Exterior Surface and Components

Exterior Electric Outlets: 110 VAC: Non-GFCI outlet - suggest replacement. The ground within the existing receptacle is also loose which indicates replacement is needed.

Exterior Wiring: Surface mounted wire: Improper wiring for exterior application (should be black or gray NMWU grade of wire as opposed to this NMD wire which is rated only for indoor use), Exposed wiring present - should be physically protected. These are not imminent issues and are typical, but should be addressed if contracting the services of an electrician for other purposes.

### Garage/Carport

Rear Garage Electrical: 15 amp 3 prong receptacles, 110 volt lighting circuits: Non-GFCI circuit -recommend GFCI circuit be installed, Surface mounted, unprotected wire should be run through conduit to protect it. Relatively minor issues but they should be addressed. A licensed electrician is recommended to evaluate and estimate repairs

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### **Defective Summary**

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#### Basement

Basement Stairs Handrails No railing: Missing railing, Liability issue and safety hazard that should be addressed in the short term

#### Bathroom

2nd floor Bathroom Tub/Surround: Porcelain/enamel tub, Tile surround: Water does not operate as faucet is faulty. Suggest repair or replacement of faucet. Also, the window covering (California shutter) is restricted at the shower curtain bar (again a minor point).

#### Interior Space

1st floor, 2nd floor Interior Space Electrical: 15 amp 3 prong (110 volt) receptacles, 110 volt lighting circuits: Open or missing ground, suggest replacement of receptacles with GFCI type to protect against short circuits to ground, which is a shock hazard. See Electrical section notes.

Scarcity of electrical receptacles noted - suggest addition to better accommodate modern electrical demands and reduce the risk of octopus wiring and extension cord over-use (known fire hazards). A licensed electrician is recommended to evaluate and estimate repairs

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### Investigate Summary

These items could not be inspected adequately and require further action to fully determine their condition. This may include destructive testing, scientific analysis or the services of a licensed specialist.

#### Roof

Roof Surface Material: Asphalt shingle: Typical wear and tear - expanded seams, edges wearing , minor edge curl, brittleness, granules wearing and some nails poking through. Expect replacement in next 2-3 years approximately, and possibly some spot repairs in the interim

#### **Basement**

Basement Sump Pump: Not present: None installed, but would be a good suggestion to further investigate the installation of a sump pump.

#### Plumbing

- Service Line: Lead: Lead supply pipes should be flushed in morning for a moment before drinking water, and also restrict water pressure. It corrodes from inside causing decreased flow rates and will eventually require updating. The supply line comes up in the SW corner of the basement through a gravel lined pit, from under a metal plate. There is water in the hole (lots of rain the last few days), which is adding humidity to the area. Suggest taking some positive actions to seal the area. This could involve filling the hole with concrete, adding a pump, sealing the metal plate into place or some other action. Consult a plumber/contractor for further suggestions on a course of action. Not an immediate type repair, but investigation should be prudently done this year or next.
- Furnace area Water Heater Flue Pipe: Metal: Orphaned water heater (orphaned when furnace disconnected from chimney) may not create enough heat to generate adequate chimney draft. Has been known to lead to combustion spillage of CO into house in combination with other factors. Consider power vented water heater.

#### Electrical

Conductor Type: Ungrounded cable: Ungrounded cable is feeding 3 prong receptacles, hence they are ungrounded, Originally used as a replacement for knob & tube, ungrounded 2 conductor wire was replaced in the 1950s by 2-conductor wire with a ground. Suggest GFCI installation or other measures as recommended by a licensed electrician

### Laundry Room/Area

Basement Laundry Room/Area Laundry Tub: Plastic: Appears to be a minor leak under the laundry tub, at the front of the cabinet on the floor. Moisture readings in the wood were over 25%, indicating the leak is active. No obvious cause found during inspection. Monitor and repair as needed.

#### Kitchen

1st Floor Kitchen Electrical: 110 VAC outlets and lighting circuits, 15 amp GFCI: Newer electrical work in kitchens are usually 20 amp GFCI receptacles (currently used to allow high draw appliances to function in tandem while providing protection against ground fault shock). Older work is usually 15 amp split receptacles (formerly used to allow high draw appliances to plugged in without tripping breaker/fuses) - suggest replacement of existing GFCIs with 20 amp kind (suspect the wire is 12 gauge already and can handle 20 amps, but needs to be confirmed by a licensed electrician.

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### Improve Summary

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#### Roof

Leader/Extension: Underground pipes: In the City of Toronto, it is contrary to bylaws to allow roof drainage to discharge into underground pipe and then into the sewer system. Recommend disconnecting downspouts from underground drains to discharge onto soil 3-6 feet away from foundation, When downspouts discharge into the underground pipes, the water can spill into the surrounding soil, especially if the pipes are clay, angled or older. This water tries to enter the basement. Also, this water can add humidity at the interior base of the walls.

### Exterior Surface and Components

Windows Window Wells Wood: Keep clear of debris/leaves and monitor drainage, improving the mini-window well if needed.

Trim/Awnings: Aluminum: Awning over front door has loose fasteners at the sides - suggest anchoring into the brick Lots and Grounds

Grading: Inconsistent slope: Ensure grading slopes away from structures. Monitor drainage patterns in heavy rains or during spring thaws to properly assess grading. Lower spots need to be raised up. This is THE most common recommendation that we make.

### Attic

Front Attic Insulation: Fiberglass batts: Insulation levels are lower at R8-12 but typical - consider improvements Basement

Basement Electrical: 15 amp 3 prong receptacles, 110 volt lighting circuits: There is no 3-way light switch for the basement, so light cannot be shut off at the top and bottom of the stairs, only at the top. A licensed electrician is recommended to evaluate and estimate repairs

### Bathroom

2nd floor Bathroom Electrical: 110 VAC outlets and lighting circuits: Non-GFCI circuit -recommend GFCI circuit be installed

### **Interior Space**

1st floor, 2nd floor Interior Space Smoke Detector: Battery operated: Every 7-10 years, manufacturers recommend that new detectors should be installed. Vacuum out intake ports periodically. Suggest CO detector on 2nd floor ceiling and/or outside sleeping areas. Due to age, suggest replacement now