INSPECTION REPORT



For the Property at: ST ELSE WHERE COOL STREAM, AB

Prepared for: JOHN AND JANE DOE Inspection Date: Friday, April 1, 2011 Prepared by: Kevin Lester

KLHOME INSPECTIONS LTD.

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ROOFING STRUCTURE HEATING COOLING INSULATION PLUMBING REPORT SUM EXTERIOR INTERIOR

REFERENCE

Note: For the purpose of this report the building is considered to be facing East.

This is a summary of the significant items found during the inspection. They relate but are not limited to safety, condition, and cost.

Roofing

SLOPED ROOFING \ Asphalt shingles

Condition: • Cupping, curling, clawing Implication(s): Chance of water damage to contents, finishes and/or structure Location: East Task: Replace Time: Less than 2 years Cost: Major

Exterior

ROOF DRAINAGE \ Downspouts

Condition: • Downspouts end too close to building Extend this downspout to six ft to keep water out of garden area. Implication(s): Chance of water damage to contents, finishes and/or structure Location: East Exterior Task: Improve Time: Less than 1 year Cost: Minor

EXTERIOR GLASS \ Window wells

Condition: • Missing Implication(s): Chance of water damage to contents, finishes and/or structure | Material deterioration Location: South Exterior Task: Provide Time: Less than 1 year Cost: Depends on approach

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

Condition: • Missing Rear deck Implication(s): Fall hazard Location: Rear Task: Provide Time: Immediate Cost: Minor

ROOFING

St Else Where, Cool Stream, AB April 1, 2011

EXTERIOR

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HEATING COOLING I

INSULATION PLUMBING

INTERIOR

REPORT SUM

LANDSCAPING \ Lot grading

Condition: • Improper slope Watch these areas for water build-up. Consider regrading away from house if water remains in low areas. Implication(s): Chance of water damage to contents, finishes and/or structure Location: Front Task: Monitor/ Correct if necessary Time: Unpredictable

Electrical

SERVICE BOX, GROUNDING AND PANEL \ Distribution fuses/breakers

STRUCTURE

Condition: • Double taps Implication(s): Fire hazard Location: Basement Utility room Task: Correct Time: Immediate Cost: Minor

DISTRIBUTION SYSTEM \ Switches

Condition: • Poor location at furnace Access to switch is too far from utility entrance. Relocate closer to door and have switch between furnace and door. Location: Utility room Task: Correct Time: Immediate Cost: Minor

Heating

GAS FURNACE \ Heat exchanger

Condition: • Cracks, holes or rust Heat exchanger rusted. Have gas company verify heat exchanger integrity. Location: Utility room Task: Further Evaluate Time: Immediate

GAS FURNACE \ Venting system

Condition: • Poor slope Implication(s): Equipment not operating properly | Hazardous combustion products entering home Location: Basement Furnace room Task: Correct Time: Immediate Cost: Minor

ROOFING

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STRUCTURE EXTERIOR

HEATING

COOLING

INTERIOR

REPORT SUM REFERENCE

CHIMNEY AND VENT \ Metal chimney or vent

Condition: • Inadequate chimney height above roof Implication(s): Equipment not operating properly | Hazardous combustion products entering home Location: Roof Task: Correct Time: Less than 1 year Cost: Minor

Cooling & Heat Pump

AIR CONDITIONING \ Evaporator coil

Condition: • Frost Implication(s): Increased cooling costs | Reduced comfort Location: Basement Furnace room Task: Service Time: Less than 1 year Cost: Depends on work needed

Insulation and Ventilation

ATTIC/ROOF \ Roof vents

Condition: • Inadequate Consider adding roof vents in order to increase attic ventilation Implication(s): Chance of condensation damage to finishes and/or structure Location: Attic Task: Correct Time: Less than 1 year Cost: Minor

FOUNDATION \ Crawlspace ventilation

Condition:
 Inadequate This is considered a large area clean-up and should be accomplished by a suitable contractor Implication(s): Chance of condensation damage to finishes and/or structure Location: North Crawl space Task: Correct Time: Less than 1 year Cost: Major

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ROOFING EXTERIOR

IOR STRUCTURE

HEATING CO

COOLING

INSULATION

INTERIOR

REFERENCE

REPORT SUM

Plumbing

WATER HEATER \ Life expectancy

Condition: • Near end of life expectancy Implication(s): No domestic hot water Location: Utility room Task: Monitor Time: Unpredictable Cost: Major

WATER HEATER \ Hot/cold piping

Condition: • Polybutylene at water heater Have contractor change out the poly B (plastic pipe) for copper. If changing tank, have contractor do so then. Implication(s): Chance of water damage to contents, finishes and/or structure Location: Basement Utility room Task: Repair or replace Time: Less than 1 year Cost: Minor

Interior

WINDOWS \ Hardware

Condition: • Broken Window locking hardware. Security issue. Location: South Basement Task: Repair Time: Immediate Cost: Minor

STAIRS \ Handrails

Condition: • Too low Implication(s): Fall hazard Location: Basement Task: Correct Time: Immediate Cost: Minor

CRAWLSPACE \ Wet crawlspace - evidence

Condition: • Mold See Insulation section for image. This area should be cleaned and repaired within a year by a suitable contractor. Implication(s): Cosmetic defects | Chance of water damage to contents, finishes and/or structure | Contaminants may enter house air Location: Throughout Crawl Space Task: Correct Time: Less than 1 year

St Else Where, Cool Stream, AB April 1, 2011

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REPORT SUM	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
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REFERENCE

Cost: Major

GARAGE \ Vehicle doors

Condition: • Difficult to open or close Implication(s): Equipment not operating properly Location: Garage Task: Service Time: Less than 1 year Cost: Minor

For further detail, please refer to the report. Thank you.

ROOFI	NG						Report No.	1011, v.12	
St Else Where, Cool Stream, AB			April 1, 2011					www.klhomeir	spections.ca
REPORT SUM	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR

REFERENCE

Description

Sloped roofing material: • Asphalt shingles

Probability of leakage:

- High
- On curled roof covering
- Medium

Limitations

Inspection performed: • By walking on roof • From roof edge

Recommendations

SLOPED ROOFING \ Asphalt shingles

Condition: • Cupping, curling, clawing

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

Location: East

Task: Replace

Time: Less than 2 years Cost: Major



Shingles are curled on this side of roof

EXTERIOR	Report No. 1011, v.12
St Else Where, Cool Stream, AB April 1, 2011	www.klhomeinspections.ca
REPORT SUM ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION	N PLUMBING INTERIOR
REFERENCE	
Description	
Gutter & downspout material: • Aluminum	
Gutter & downspout type: • Eave mounted	
Gutter & downspout discharge: • Above grade	
Lot slope: Away from house Towards house	
Wall surfaces - wood: • Boards	
Wall surfaces : • Vinyl siding • Stucco	
Soffit and fascia: • Metal	
Retaining wall: • Masonry	
Driveway: • Stamped concrete	
Walkway: • Stamped concrete	
Deck: • Raised • Wood • Railings	
Exterior steps: • Wood	
Limitations	

Limitations

Inspection limited/prevented by: • Storage • New finishes/paint/trim • Car/storage in garage • Poor access under

steps, deck, porch • Vines/shrubs/trees against wall

Upper floors inspected from: • Ground level

Recommendations

ROOF DRAINAGE \ Downspouts Condition: • Downspouts end too close to building Extend this downspout to six ft to keep water out of garden area. Implication(s): Chance of water damage to contents, finishes and/or structure Location: East Exterior Task: Improve Time: Less than 1 year Cost: Minor



EXTERIOR Report No. 1011, v.12 St Else Where, Cool Stream, AB April 1, 2011 REPORT SUM ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR REFERENCE REFERENCE INSULATION PLUMBING INTERIOR



Extend 6 feet minimum.

WALLS \ Flashings and caulking

Condition: • Caulking missing or ineffective Implication(s): Chance of water damage to contents, finishes and/or structure Location: West Kitchen Task: Service Time: Less than 1 year Cost: Minor

WALLS \ Vinyl siding

Condition: • Buckled or wavy Implication(s): Cosmetic defects | Chance of water damage to contents, finishes and/or structure Location: Various Task: Monitor Time: Unpredictable

WALLS \ Stucco and EIFS

Condition: • Minor cracks Implication(s): Cosmetic defects | Shortened life expectancy of material Location: Various Exterior wall Task: Monitor/Service Time: Less than 2 years Cost: Minor

EXTERIOR

St Else Where, Cool Stream, AB April 1, 2011

EXTERIOR

REPORT SUM ROOFING

REPORT SOM

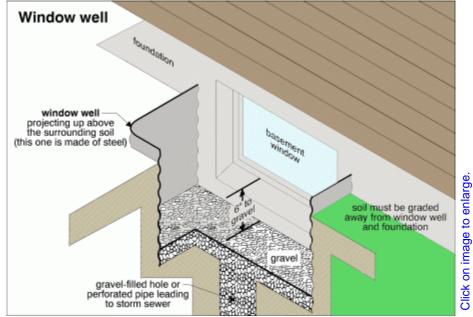
REFERENCE

EXTERIOR GLASS \ Frames

Condition: • Paint or stain needed Implication(s): Material deterioration Location: Various Task: Repair Time: Less than 2 years Cost: Minor

EXTERIOR GLASS \ Window wells

Condition: • Missing Implication(s): Chance of water damage to contents, finishes and/or structure | Material deterioration Location: South Exterior Task: Provide Time: Less than 1 year Cost: Depends on approach



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

Condition: • Missing Rear deck Implication(s): Fall hazard Location: Rear Task: Provide Time: Immediate Cost: Minor www.klhomeinspections.ca

PLUMBING

COOLING

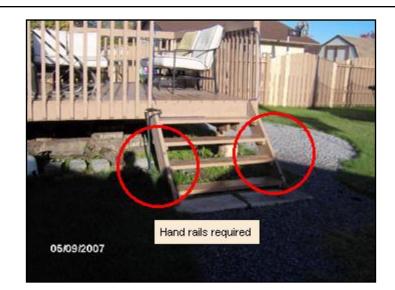
INSULATION

EXTERIOR

Report No. 1011, v.12 www.klhomeinspections.ca

St Else Where, Cool Stream, AB April 1, 2011

REPORT SUM	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR



LANDSCAPING \ Lot grading

Condition:
 Improper slope

Watch these areas for water build-up. Consider regrading away from house if water remains in low areas. **Implication(s)**: Chance of water damage to contents, finishes and/or structure

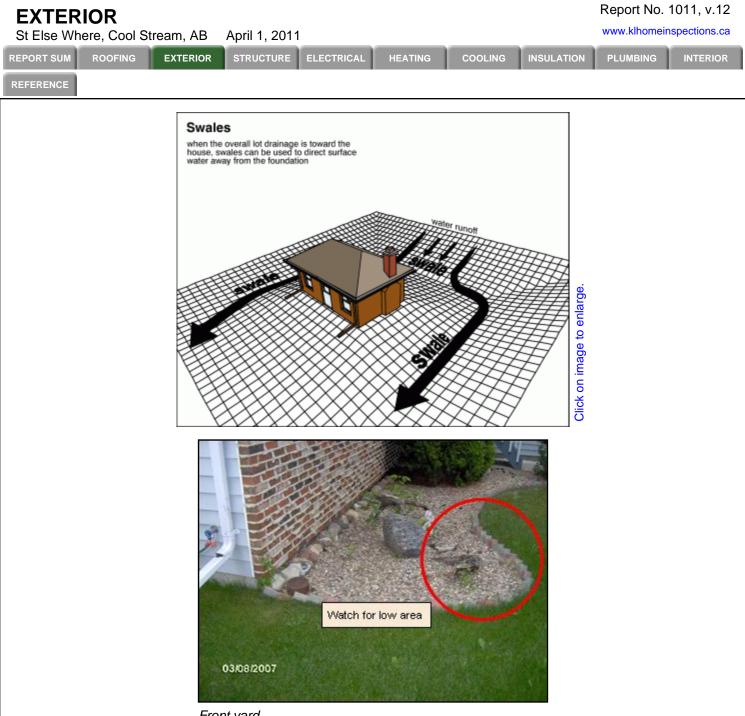
Location: Front

Task: Monitor/ Correct if necessary

Time: Unpredictable



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Front yard

STRUCTURE St Else Where, Cool Stream, AB	April 1, 2011				Report No.			
REPORT SUM ROOFING EXTERIOR	STRUCTURE ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR		
REFERENCE								
Description								
Configuration: • Basement								
Foundation material: • Poured concrete								

Floor construction: • Joists

Exterior wall construction: • Wood frame

Roof and ceiling framing: • Trusses

Limitations

Inspection limited/prevented by: • Carpet/furnishings • Storage • New finishes/paint • Insulation

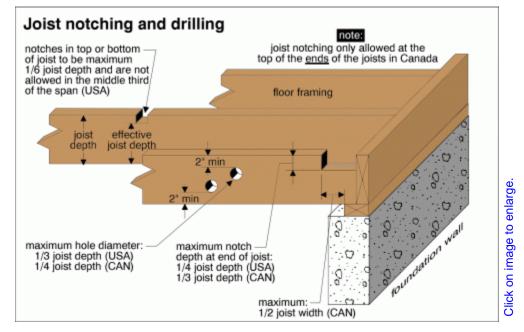
Attic/roof space:
 Inspected from access hatch

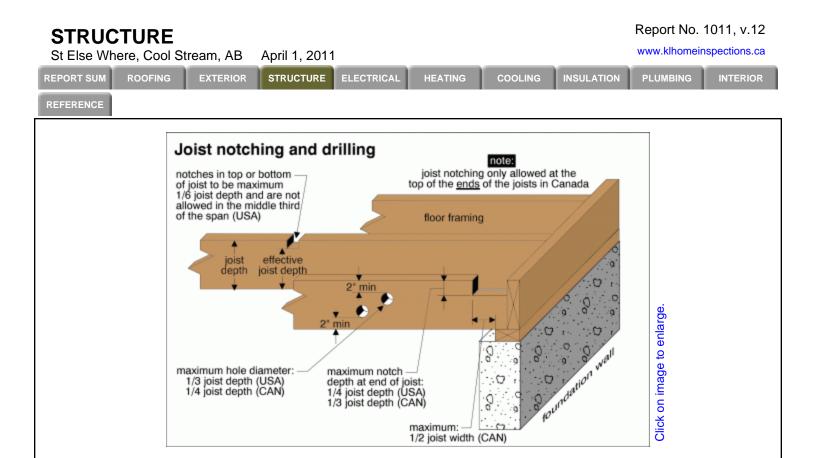
Percent of foundation not visible: • 40 %

Recommendations

FLOORS \ Joists

Condition: • Notches or holes Implication(s): Weakened structure Location: Basement Utility room Task: Improve Time: Less than 1 year Cost: Depends on work needed





ELECTRICAL

St Else Where, Cool Stream, AB April 1, 2011

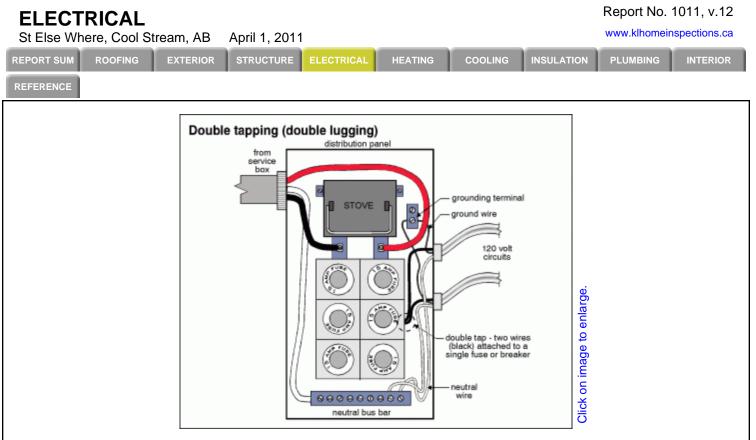
www.klhomeinspections.ca REPORT SUM ROOFING STRUCTURE ELECTRICAL COOLING INSULATION PLUMBING REFERENCE Description Service entrance cable and location: • Underground - not visible Service size: • 100 Amps (240 Volts) Main disconnect/service box rating: • 125 Amps Main disconnect/service box type and location: • Breakers - basement System grounding material and type: • Copper - water pipe Distribution panel rating: • 100 Amps Distribution panel type and location: • Breakers - basement Distribution wire material and type: • Copper - non-metallic sheathed Type and number of outlets (receptacles): • Grounded - typical Circuit interrupters: Ground Fault (GFCI) & Arc Fault (AFCI): • GFCI - bathroom • GFCI - outside Smoke detectors: • Present Limitations Inspection limited/prevented by: • Restricted access • Storage • Insulation **Panel covers:** • Disconnect covers are not removed by the home inspector

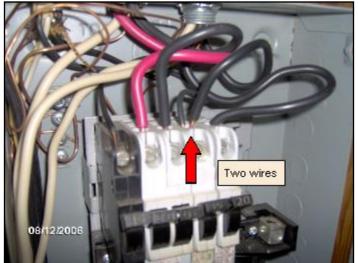
System ground: • Quality of ground not determined

Recommendations

SERVICE BOX, GROUNDING AND PANEL \ Distribution fuses/breakers

Condition: • Double taps Implication(s): Fire hazard Location: Basement Utility room Task: Correct Time: Immediate Cost: Minor

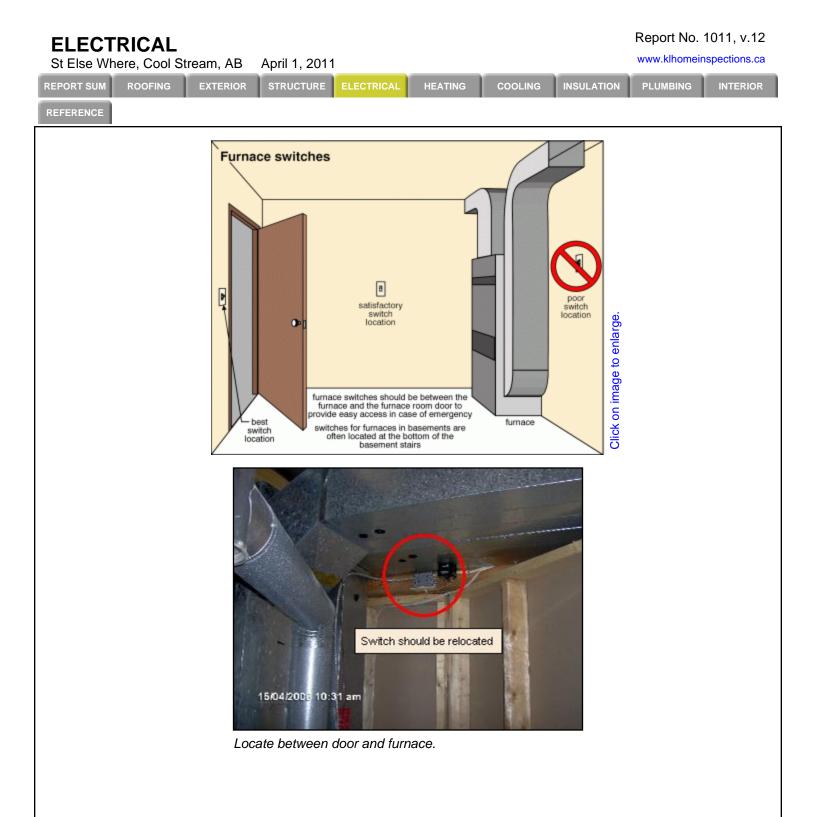




Two wires in one breaker

DISTRIBUTION SYSTEM \ Switches

Condition: • Poor location at furnace Access to switch is too far from utility entrance. Relocate closer to door and have switch between furnace and door. Location: Utility room Task: Correct Time: Immediate Cost: Minor



HEATING

St Else Where, Cool Stream, AB April 1, 2011	www.klhomeinspections.ca
REPORT SUM ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING	COOLING INSULATION PLUMBING INTERIOR
REFERENCE	
Description	
Fuel/energy source: • Gas	
System type: • Furnace	
Furnace manufacturer: • Carrier	
Approximate capacity: • 100,000 BTU/hr	
Efficiency: • Mid-efficiency	
Approximate age: • 10 years	
Failure probability: • Medium	
Main fuel shut off at: • Exterior wall	
Supply temperature: • 135°	
Return temperature: • 70°	
Fireplace: • Gas fireplace	
Chimney/vent: • Metal	
Chimney liner: • Metal	
Combustion air source: • Outside	
Limitations	

Safety devices: • Not tested as part of a home inspection

Heat exchanger: • Only a small portion visible

Recommendations

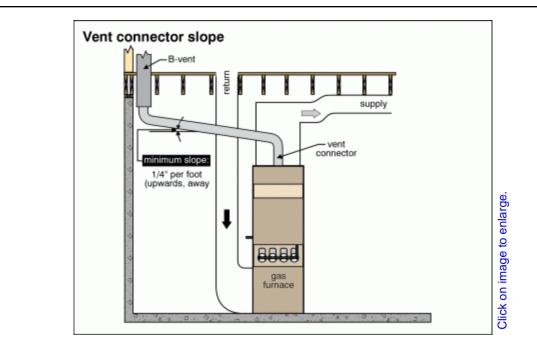
GAS FURNACE \ Heat exchanger

Condition: • Cracks, holes or rust Heat exchanger rusted. Have gas company verify heat exchanger integrity. Location: Utility room Task: Further Evaluate Time: Immediate

GAS FURNACE \ Venting system

Condition: • Poor slope Implication(s): Equipment not operating properly | Hazardous combustion products entering home Location: Basement Furnace room Task: Correct Time: Immediate Cost: Minor

HEATING Report No. 10										
	-	tream, AB	April 1, 2011					www.klhomeinspections.ca		
REPORT SUM	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR	
REFERENCE										



CHIMNEY AND VENT \ Metal chimney or vent

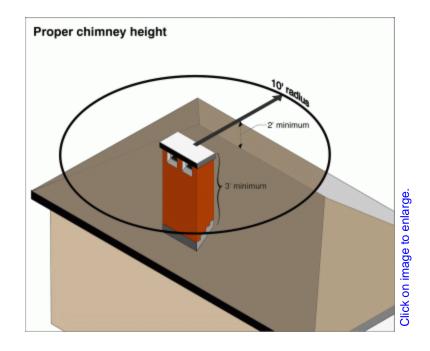
Condition: • Inadequate chimney height above roof

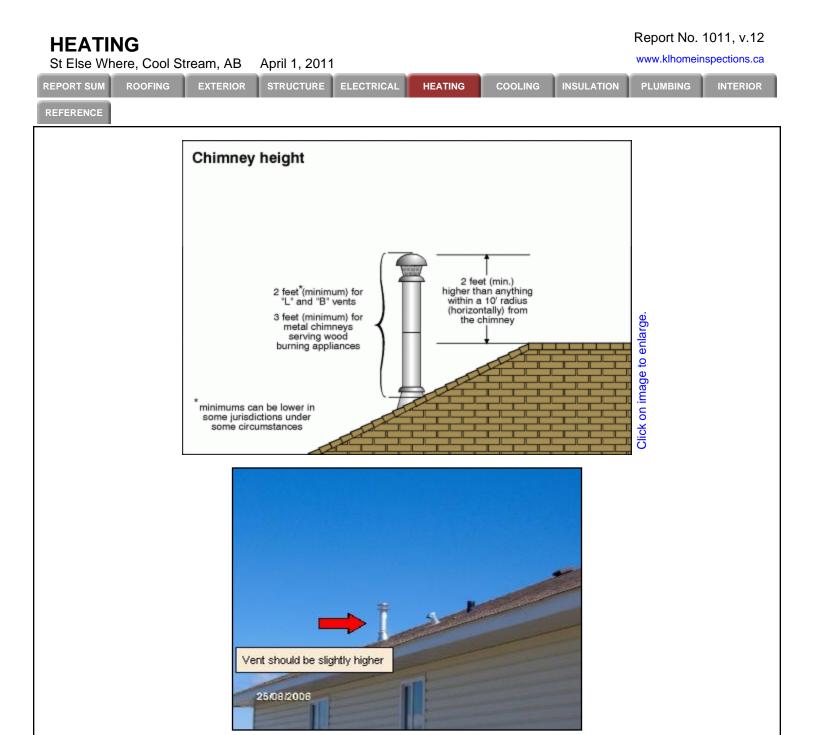
Implication(s): Equipment not operating properly | Hazardous combustion products entering home **Location**: Roof

Task: Correct

Time: Less than 1 year

Cost: Minor





Chimney should be higher

COOLING & HEAT PUMP

St Else Where, Cool Stream, AB April 1, 2011

REPORT SUM ROOFING

REFERENCE

Air conditioning type:
 Independent system

Manufacturer: • Carrier

Cooling capacity: • 30,000 BTU/hr

Compressor type: • Electric

Compressor approximate age: • 5 years

Typical life expectancy: • 10 to 15 years

Failure probability: • Low

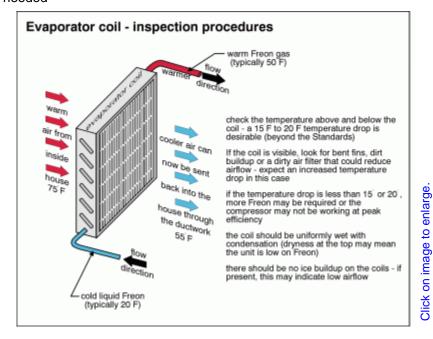
Supply temperature: • 65°

Return temperature: • 75°

Recommendations

AIR CONDITIONING \ Evaporator coil

Condition: • Frost Implication(s): Increased cooling costs | Reduced comfort Location: Basement Furnace room Task: Service Time: Less than 1 year Cost: Depends on work needed



Report No. 1011, v.12

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COOLING

Page 21 of 33

INSULATION AND VENTILATION

St Else Where, Cool Stream, AB April 1, 2011

ROOFING

STRUCTURE ELECTRICAL

HEATING COOLING

INSULATION PLUMBING

INTERIOR

REPORT SUM

Description

Attic/roof insulation material: • Glass fiber

Attic/roof insulation amount/value: • R-32

Attic/roof ventilation: • Roof and soffit vents

Wall insulation material: • Glass fiber

Wall insulation amount/value: • R-20

Foundation wall insulation material: • Glass fiber

Foundation wall insulation amount/value: • R-12

Air/vapor barrier: • Plastic

Limitations

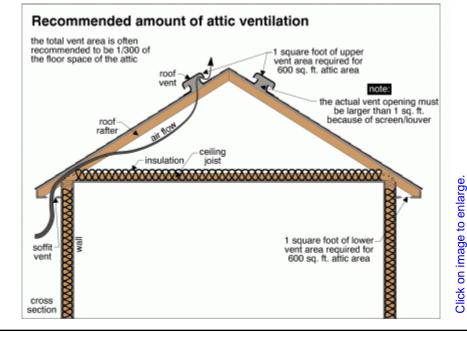
Attic inspection performed: • From access hatch

Roof space inspection performed: • From access hatch

Recommendations

ATTIC/ROOF \ Roof vents

Condition: • Inadequate Consider adding roof vents in order to increase attic ventilation Implication(s): Chance of condensation damage to finishes and/or structure Location: Attic Task: Correct Time: Less than 1 year Cost: Minor



Report No. 1011, v.12 www.klhomeinspections.ca

INSULATION AND VENTILATION

St Else Where, Cool Stream, AB April 1, 2011

REPORT SUM ROOFING

REFERENCE

FOUNDATION \ Crawlspace ventilation

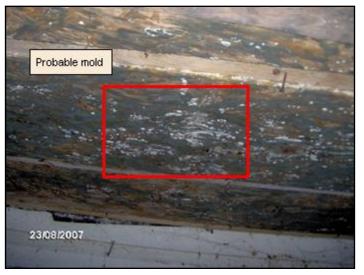
Condition:
 Inadequate

This is considered a large area clean-up and should be accomplished by a suitable contractor **Implication(s)**: Chance of condensation damage to finishes and/or structure **Location**: North Crawl space **Task**: Correct

STRUCTURE ELECTRICAL

Time: Less than 1 year

Cost: Major



North crawlspace

Report No. 1011, v.12

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INSULATION

IMBING IN

PLUMBING

St Else Where, Cool Stream, AB April 1, 2011	www.klhomeinspections.ca
REPORT SUM ROOFING EXTERIOR STRUCTURE ELECTRICAL HEATING	COOLING INSULATION PLUMBING INTERIOR
REFERENCE	
Description	
Water supply source: • Public	
Service piping into building: • Copper	
Supply piping in building: • Plastic	
Main water shut off valve at the: • Basement • Utility room	
Water flow (pressure): • Typical for neighborhood	
Water heater fuel/energy source: • Gas	
Water heater type: • Conventional	
Tank capacity: • 33.3 gallons	
Water heater approximate age: • 10 years	
Typical life expectancy: • 8 to 12 years	
Water heater failure probability: • Medium	
Waste disposal system: • Public	
Waste piping in building: • Plastic	
Pumps: • Sump pump	
Floor drain location: • Near water heater	
Gas piping: • Steel	

Limitations

Items excluded from a building inspection: • Water quality • Isolating/relief valves & main shut-off valve • Concealed

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

Recommendations

WATER HEATER \ Life expectancy

Condition: • Near end of life expectancy Implication(s): No domestic hot water Location: Utility room Task: Monitor Time: Unpredictable Cost: Major

PLUMBING

St Else Where, Cool Stream, AB April 1, 2011

REPORT SUM ROOFING

REFERENCE

WATER HEATER \ Hot/cold piping

Condition: • Polybutylene at water heater

Have contractor change out the poly B (plastic pipe) for copper. If changing tank, have contractor do so then. **Implication(s)**: Chance of water damage to contents, finishes and/or structure

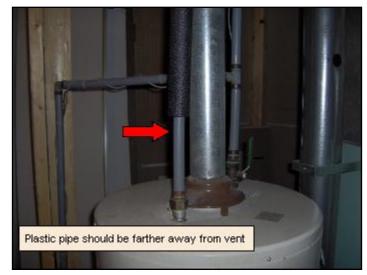
STRUCTURE ELECTRICAL

Location: Basement Utility room

Task: Repair or replace

Time: Less than 1 year

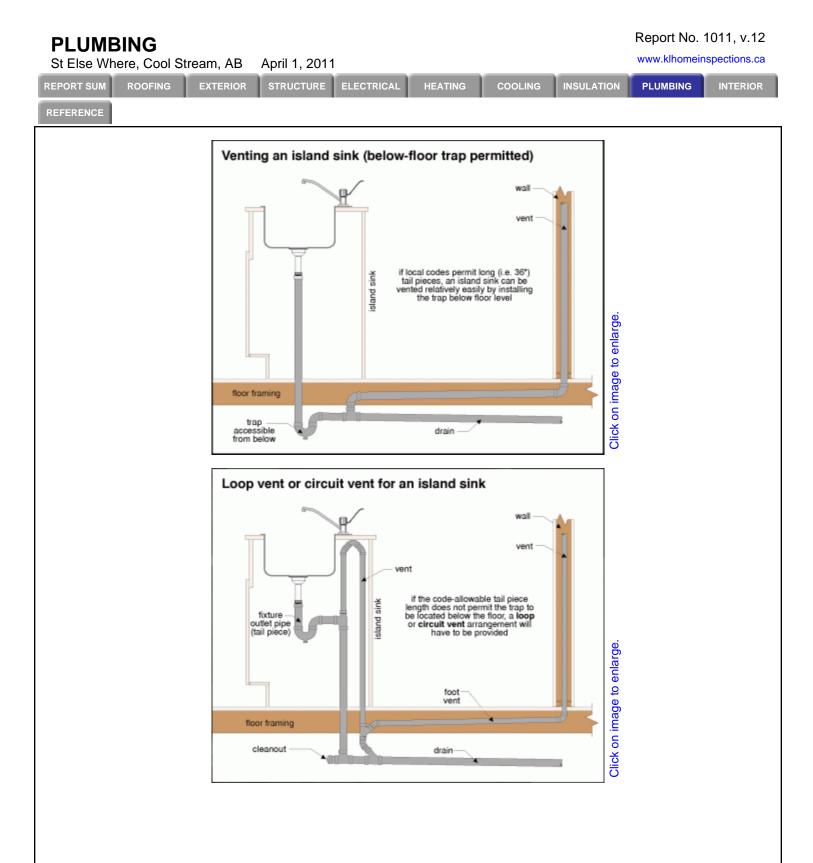
Cost: Minor



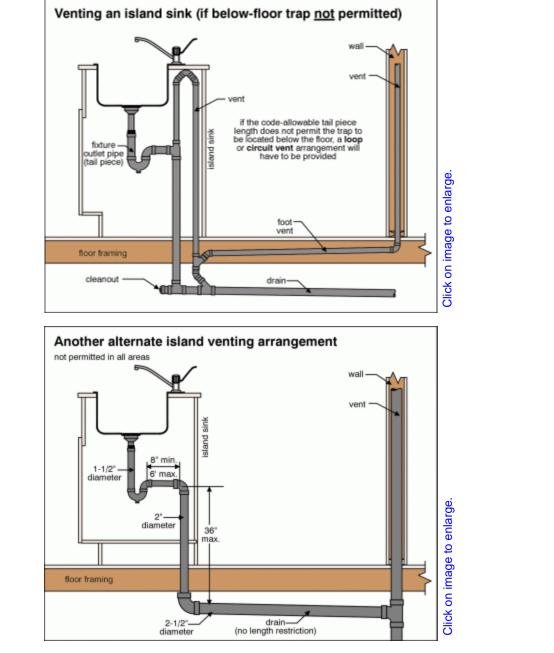
Plastic pipe at the water heater

WASTE PLUMBING \ Venting system

Condition: • Island venting problems Implication(s): Sewer gases entering the house Location: Kitchen Task: Correct Time: Less than 1 year Cost: Minor



PLUMBING Report No. 1011, v.12 St Else Where, Cool Stream, AB April 1, 2011 REPORT SUM ROOFING EXTERIOR ST Else Report SUM ROOFING ELECTRICAL HEATING COOLING INSULATION PLUMBING INTERIOR



INTERIOR

 St Else Where, Cool Stream, AB
 April 1, 2011
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 REPORT SUM
 ROOFING
 EXTERIOR
 STRUCTURE
 ELECTRICAL
 HEATING
 COOLING
 INSULATION
 PLUMBING
 INTERIOR

REFERENCE

Description

Major floor finishes: • Carpet • Hardwood • Resilient • Laminate

Major ceiling finishes: • Suspended tile

Major wall and ceiling finishes: • Plaster/drywall

Windows: • Fixed • Sliders • Casement • Skylight

Glazing: • Double

Exterior doors - type/material: • Storm • Metal

Doors:
 Inspected

Stairs and railings: • Inspected

Limitations

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

Restricted access to: • Basement • Living room • Master bedroom • Utility room

Percent of foundation not visible: • 75 %

Recommendations

WINDOWS \ Hardware

Condition: • Inoperable Window will not close sufficiently to operate lock. Implication(s): System inoperative or difficult to operate Location: Master bedroom Task: Repair Time: Less than 1 year Cost: Minor



Window will not close to enable lock

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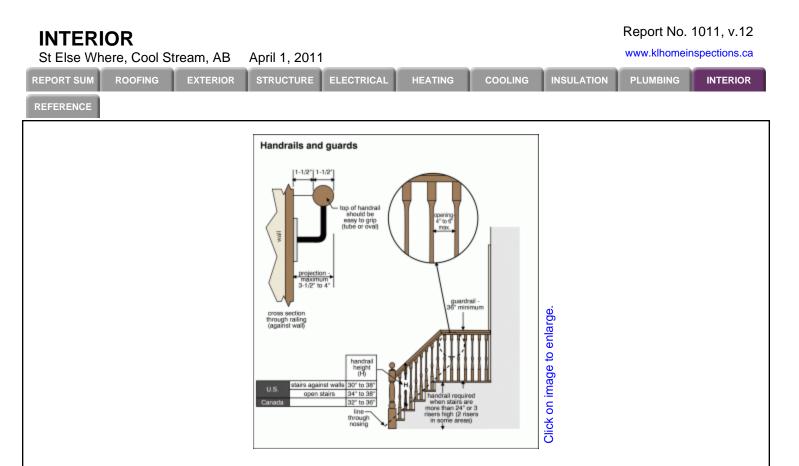
INTERIOR St Else Where, Cool Stream, AB	April 1, 2011			Report No. www.klhomeir	
REPORT SUM ROOFING EXTERIOR	STRUCTURE ELECTRICAL	HEATING COOLING	GINSULATION	PLUMBING	INTERIOR
REFERENCE					
Condition: • Broken					
Window locking hardware. Securit	y issue.				
Location: South Basement					
Task: Repair Time: Immediate					
Cost: Minor					
Loc	1504200510.40 am	ity.			

CARPENTRY \ Countertops

Condition: • Loose or missing pieces Counter delaminating above dishwasher. Implication(s): Cosmetic defects | Hygiene issue Location: Kitchen Task: Monitor/Replace Time: If delamination continues

STAIRS \ Handrails

Condition: • Too low Implication(s): Fall hazard Location: Basement Task: Correct Time: Immediate Cost: Minor



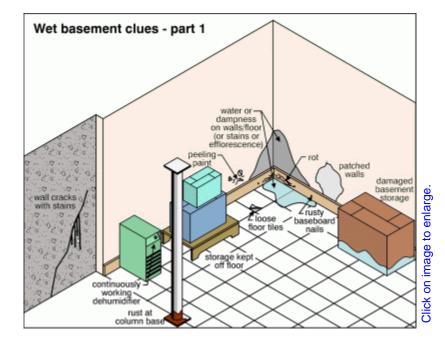
CRAWLSPACE \ Wet crawlspace - evidence

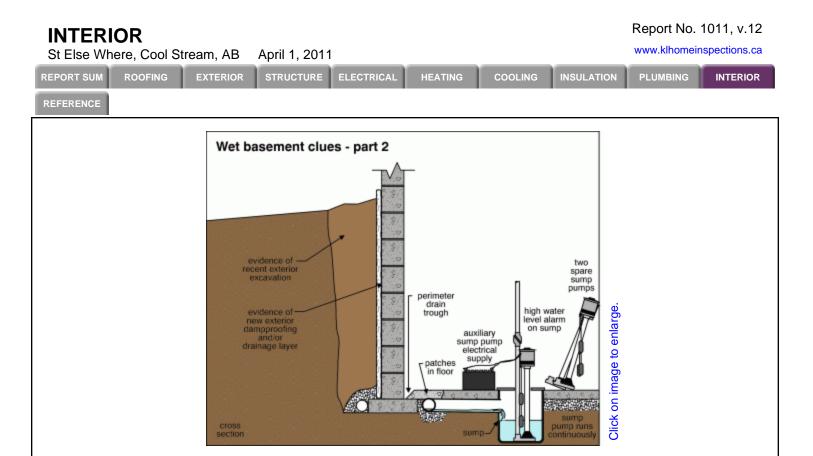
Condition: • Mold

See Insulation section for image. This area should be cleaned and repaired within a year by a suitable contractor. **Implication(s)**: Cosmetic defects | Chance of water damage to contents, finishes and/or structure | Contaminants may enter house air

Location: Throughout Crawl Space Task: Correct Time: Less than 1 year

Cost: Major





GARAGE \ Vehicle doors

Condition: • Difficult to open or close Implication(s): Equipment not operating properly Location: Garage Task: Service Time: Less than 1 year Cost: Minor

EXHAUST FANS \ Exhaust fan

Condition: • Missing Need to add a exhaust fan. Implication(s): Chance of condensation damage to finishes and/or structure Location: Basement Bathroom Task: Provide Time: Less than 1 year Cost: Depends on approach

INTERIOR St Else Where, Cool St	ream, AB Apr	il 1, 2011				Report No. 7	
REPORT SUM ROOFING		RUCTURE ELECTRICA	L HEATING	COOLING	INSULATION	PLUMBING	INTERIOR
REFERENCE							
	Exhaust far	advantage removes moisture		tential cdrafting dis- advantage		Click on image to enlarge.	

END OF REPORT

REFERENCE LIBRARY Report No. 1011, v.1									
	-		April 1, 2011					www.klhomeinspections.ca	
REPORT SUM	ROOFING	EXTERIOR	STRUCTURE	ELECTRICAL	HEATING	COOLING	INSULATION	PLUMBING	INTERIOR

REFERENCE

The links below connect you to a series of documents that will help you understand your home and how it works. The body of the report contains specific information about your home. Many report items have related links that provide you more information about that particular component or issue.

This Library is a broad reference tool. For example, if you want to know the difference between asphalt shingles and wood shingles, you can look in here. If you have a conventional furnace and are trying to decide whether to upgrade to a mid-efficiency or high-efficiency furnace, this information may be helpful. If your home does not have air conditioning, but you are thinking about adding it, there is helpful information for you in here.

The Library is broken into nine house systems: Roofing, Exterior, Structure, Electrical, Heating, Cooling, Insulation, Plumbing and Interior. Click on any link to read about that system.

- 1. Roofing and Chimney
- 2. Exterior
- 3. Structure
- 4. Electrical
- 5. Heating
- 6. Cooling
- 7. Insulation
- 8. Plumbing
- 9. Interior