

Daybreak Home Inspections, Inc. 101 Colonial Dr.

Perkiomenville, PA 18074 Prepared by: Nicholas Frey

ASHI #: 262051 EDI #: PA-158

# Home Inspection Report



25 Douglass Rd. Lansdale , PA 19446

Page 1 of 24 22012 25 Douglas Rd..inspx

#### **Definitions**

NOTE: All definitions listed below refer to the property or item listed as inspected on this report at the time of inspection

A Acceptable Functional with no obvious signs of defect.

NP Not Present Item not present or not found.

NI Not Inspected Item was unable to be inspected for safety reasons or due to lack of power, inaccessible, or disconnected at

time of inspection.

M Marginal Item is not fully functional and requires repair or servicing.

D Defective Item needs immediate repair or replacement. It is unable to perform its intended function.

#### General Information

#### **Property Information**

Property Address 25 Douglass Rd. City Lansdale State PA Zip 19446 Contact Name Sherry Russell Phone 215-378-1251

#### Client Information

Client Name Alderfer Auction Phone 215-393-3000

#### Inspection Company

Inspector Name Nick Frey

Company Name Daybreak Home Inspections, Inc.

Address 101 Colonial Dr.

City Perkiomenville State PA Zip 18074

Phone 540-908-1878

Email daybreakhi@verizon.net

Amount Received \$550.00

#### Conditions

Others Present Listing Agent Property Occupied Occupied

Estimated Age 35 years Entrance Faces Southwest

Inspection Date 01/24/2022

Start Time 1:00 pm End Time 3:00 pm

Electric On **O** Yes **O** No **O** Not Applicable

Gas/Oil On **O** Yes **O** No **O** Not Applicable

Water On • Yes • No • Not Applicable

Temperature 29 degrees

Weather Sunny Soil Conditions Frozen

Space Below Grade Basement

Building Type Single family Garage Attached

### Lots and Grounds

A NP NI M D

1. Driveway: Asphalt - Recommend sealing cracks in driveway to prevent further damage.

2. Walks: Concrete
3. Driveway: Asphalt - Recommend sealing cracks in driveway to prevent further damage.

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4. Walks: Concrete - Step is too high at side door, height of steps should be 7 3/4 inches, recommend repair to reduce the risk of injury.

4. Missing handrail at rear steps, recommend installation to reduce the risk of injury.







4. Porch: Concrete
5. Patio: Concrete

Deck: Treated wood - Damaged decking boards noted throughout deck, recommend replacement of all effected decking boards to reduce the risk of injury.

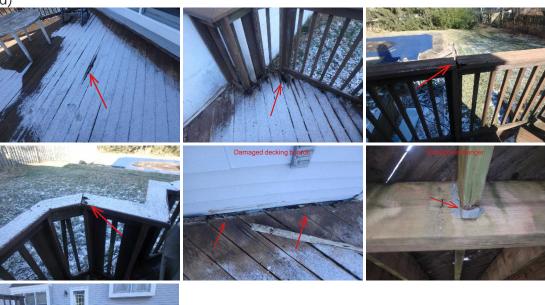
Damaged guardrails noted in numerous areas of deck, loose/missing balusters, recommend repair/replacement of wood to reduce the risk of injury.

Missing graspable handrail on deck stairway, recommend installation to reduce the risk of injury.

Rust noted on some joist hangers, rust can effect the integrity of the joists hanger, recommend replacement of all effected hangers.

### Lots and Grounds (Continued)

Deck: (continued)





7. Grading: Negative slope - Improper soil slope towards foundation, recommend the addition of fill dirt to improve grade to help reduce moisture from entering the basement area.



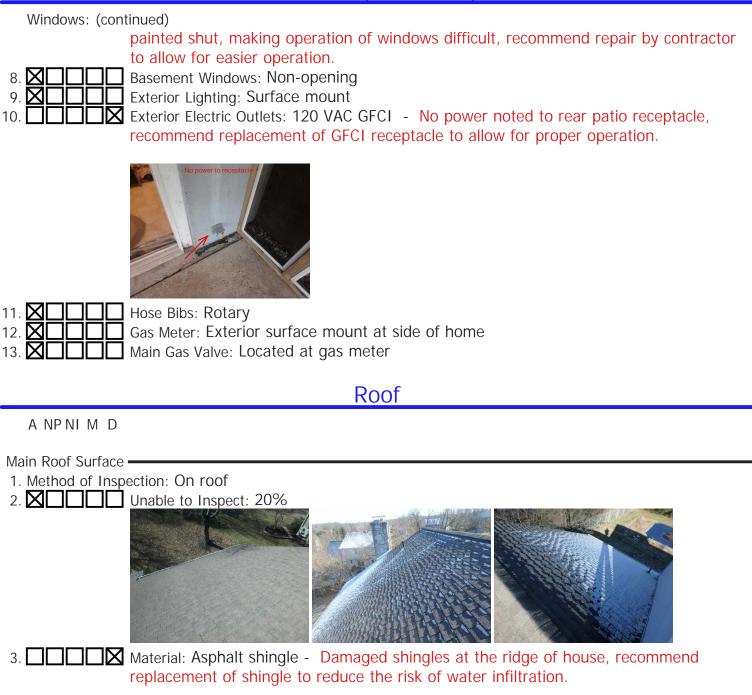
8. Vegetation: Trees, Shrubs - Bamboo noted at rear of yard, this plant is extremely invasive, recommend removal by landscaper.



Lots and Grounds (Continued)
9. Retaining Walls: Wood - Wood retaining walls are bowing inward, due to poor drainage, recommend evaluation and repair by landscaper to prevent further damage.  10. Fences: Wood - Damaged sections of wood fence noted around property, recommend repair/replacement as needed to prevent further damage.
Exterior
A NPNI M D
Entire house Exterior Surface  1. Type: Vinyl siding, Stone veneer - Seal around sump pit discharge/ penetrations in vinyl siding and stone veneer to reduce the risk of moisture/insect infiltration.
Damaged siding at rear of house, recommend repair
2. Trim: Aluminum, Vinyl - Damaged gable vent at front of house, recommend replacement to reduce the risk of critters entering the house.
3. A Grant Fascia: Aluminum 4. A Grant Fascia: Aluminum 5. A Grant Fascia: Aluminum 5. A Grant Fascia: Aluminum 5. A Grant Fascia: Aluminum 6. A Grant Fascia: Aluminum 7. A Grant Fascia: Aluminum 8. A Grant Fascia: Aluminum 9. A Grant Fascia: A Grant Fascia: Aluminum 9. A Grant Fascia: A G

Page 5 of 24 22012\_25 Douglas Rd..inspx

### **Exterior (Continued)**



Shingles are existing beyond design life, roof granules are worn in numerous areas, this may cause shingles to deteriorate, recommend evaluation by roofer and budgeting for replacement

Page 6 of 24 22012\_25 Douglas Rd..inspx

# Roof (Continued)

Material: (continued)





4. Type: Gable

5. Approximate Age: 20-23 years

5. The Flashing: Aluminum - Area was caulked heavily with noted hole, this may be an area where water may infiltrate, recommend repair by roofer to reduce the risk of water damage.





7. <b>X</b>	Valleys: Asphalt shingle
8. 🛛 🗌 🗆 🗆	Skylights: Insulated glass
9.	Plumbing Vents: PVC
10.	Electrical Mast: Underground utilities
11.	Gutters: Aluminum
12.	Downspouts: Aluminum
Right side Chimne	27

13. A Chimney: Stone
14. A Chimney: Stone
14. A Chimney: Stone

5. Chimney Flashing: Aluminum

Page 7 of 24 22012\_25 Douglas Rd..inspx

# Garage/Carport

A NP NI M D

Attached Garage —
1. Type of Structure: Attached Car Spaces: 2
2. Garage Doors: Insulated aluminum - Gap noted under right garage door, recommend
repair to reduce the risk of critters entering the house.
Cap-Maker III a door
2 Manager Counties Machanized
3. Door Operation: Mechanized
4. LILIZI Door Opener: Lift Master, Chamberlain - Lift master opener was unplugged at time of inspection, recommend ensuring operation/replacement of garage opener by
contractor.
CONTractor.
3
5. Service Doors: Metal
6. 🗡 🗌 🔲 Ceiling: Paint
7. Walls: Paint
8. Floor/Foundation: Poured slab
9. Electrical: 120 VAC
10. Mulli Windows: Wood double hung

Page 8 of 24 22012\_25 Douglas Rd..inspx

### Electrical

#### A NP NI M D

1. Service Size Amps: 200 Volts: 120-240 VAC	
2. XIIII Service: Aluminum	
3. 🛛 🗌 🔲 🔲 120 VAC Branch Circuits: Copper	
4. 🛛 🗌 🔲 🗘 240 VAC Branch Circuits: Copper	
5. 🛛 🗌 🔲 🔲 Conductor Type: Romex	
6. 🛛 🗌 🔲 🔲 Ground: Plumbing and rod in ground	
7. DDD Smoke Detectors: Present - Smoke Detectors should be installed on every floor and	
every bedroom.	
8. $\square$ $\square$ $\square$ $\square$ Carbon Monoxide Detectors: Present - Carbon Monoxide detectors should be installed c	n
every floor and every bedroom.	
Basement Electric Panel	

Manufacturer: Crouse-Hinds - Missing panel cover screws, recommend installation.



- 10. Maximum Capacity: 200 Amps
- Main Breaker Size: 200 Amps
- Breakers: CU/AL Double tap wiring, recommend repair by electrician.



GFCI: At GFCI receptacles, Present - GFCI Breaker did not trip when tested, recommend replacement to reduce the risk of shock.



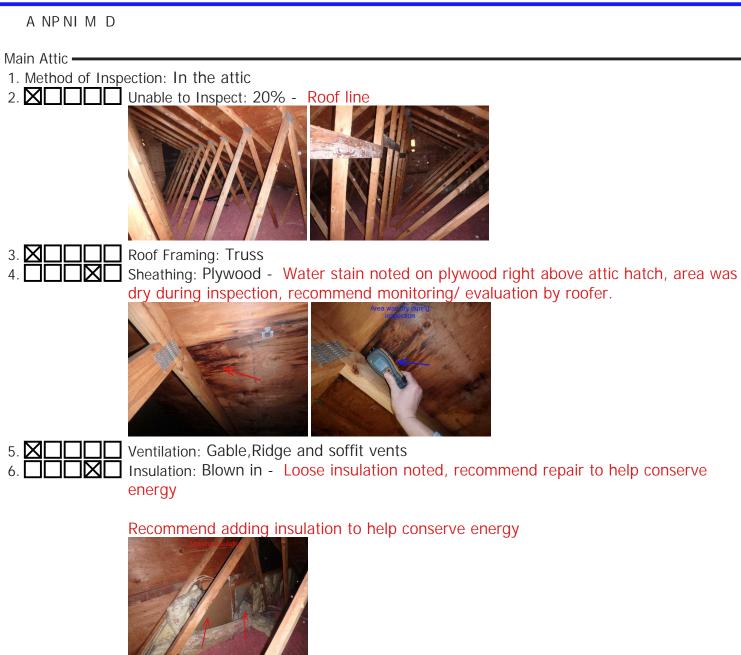
Page 9 of 24 22012\_25 Douglas Rd..inspx

### **Electrical (Continued)**

14. Is the panel bonded? • Yes • No Structure A NP NI M D Structure Type: Wood frame X Foundation: Concrete - Vertical crack with no displacement noted at the exterior of rear foundation wall, recommend epoxy injection/sealing crack by basement/foundation contractor to reduce the risk of moisture entering the basement. Differential Movement: No movement or displacement noted Beams: Bonded wood Bearing Walls: Frame 5. **X** Joists/Trusses: 2x10, Trusses 6. **X** Piers/Posts: Steel posts Floor/Slab: Poured slab 8. Stairs/Handrails: Wood stairs with wood handrails - Baluster spacing is greater than 4 inches on guard and stair rails, recommend repair to reduce the risk of injury.

Subfloor: Plywood

#### **Attic**





☐ Bathroom Fan Venting: Electric fan

### **Basement**

A NP NI M D

Main Baser	mont —	
1. <b>2</b>		Unable to Inspect: 45% - Storage shelves, Storage boxes  Ceiling: Paint - Evidence of possible mold growth noted on drywall in storage room and closet doors, possibly due to elevated humidity in basement, recommend running a dehumidifier, and evaluation by mold specialist.  Possible mold growth Possible mold growth Possible mold growth
		O <sub>ster</sub>
3. <b>X</b>		Walls: Paint
	THH	Floor: Carpet, Poured - This inspection does not cover any damage concealed by
		carpeting, rugs or furniture
5. <b>X</b>		Floor Drain: Covered
6. <b>X</b>		Doors: Hollow wood
7. <b>X</b>		Windows: Non-opening
8. <b>X</b> LL	<u> </u>	Electrical: 120 VAC
9. <b>XIII</b>	┵┷	HVAC Source: Electric baseboard
	╬	Insulation: Batting
11. <b>XLL</b> L		Sump Pump: Submerged, Battery Backup - Sump crock was completely dry/empty-unable to test pump operation/piping for leaks
		ary empty anable to test pamp operation/piping for leaks

Moisture Location: None - Basement was dry during inspection Basement Stairs/Railings: Wood stairs with wood handrails

Page 12 of 24 22012\_25 Douglas Rd..inspx

#### Air Conditioning

A NP NI M D Main AC System -1. A/C System Operation: Appears serviceable - To avoid possible compressor damage due to outside temperature below 60 degrees, the unit was not tested, recommend servicing by HVAC contractor when temperature increases. Condensate Removal: PVC Exterior Unit: Pad mounted 4. Manufacturer: Rheem 5. Model Number: RAPM-048JAZ Serial Number: 7968W101101166 6. Area Served: Whole building Approximate Age: 11 years 7. Fuel Type: 120-240 VAC Temperature Differential: N/A 8. Type: Central A/C Capacity: 4 Ton Visible Coil: Copper core with aluminum fins Refrigerant Lines: Suction line and liquid line 10. Electrical Disconnect: Breaker disconnect Fireplace/Wood Stove A NPNI M D Family Room Fireplace -1. Fireplace Construction: Brick 2. Type: Gas log Fireplace Insert: Standard - Unable to light pilot light for gas insert, recommend ensuring operation/repair by fireplace specialist.

	Smoke Chamber: Brick
5 <b>X</b> II	l Flue: Tile

Page 13 of 24 22012\_25 Douglas Rd..inspx

Fireplace/Wood Stove	(Continued)
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6. Damper: Metal
7. Hearth: Raised

Heating System

A NP NI M D

Main Heating System •

Heating System Operation: Adequate



2. Manufacturer: Rheem

3. Model Number: RGRM-10EZAJS Serial Number: HK5D301F021301708

4. Type: Forced air Capacity: 105,000 BTU

5. Area Served: Whole building Approximate Age: 9 years

6. Fuel Type: Natural gas

7. Heat Exchanger: 5 Burner

8. Unable to Inspect: 95%

9. Blower Fan/Filter: Direct drive with disposable filter



10. Distribution: Metal duct, Insulflex duct - Disconnected duct work at front of basement, recommend repair to help conserve energy.

Duct work was attached to drain line, recommend improvement to reduce the risk of disconnecting drain line

Page 14 of 24 22012\_25 Douglas Rd..inspx

# **Heating System (Continued)**

Distribution: (continued)



11. 🛭	اللك	⅃⅃⅃ҍ	Draft Control: Automation
12.	$\Box\Box\Box$		Flue Pipe: PVC
40 K	$A \square \sqcap$		lo i limalt avvitala

13. XIIIII Controls: Limit switch

### **Plumbing**

A NPNI M D

1. Service Line: Copper
2. Main Water Shutoff: Basement



			Water Lines: Copper
4. 🛚			Drain Pipes: ABS, PVC

5. Service Caps: Accessible - Due to the age of house, recommend sewage lateral inspection of main drain line to ensure there are no blockages.



			Vent Pipes: ABS
7. 🛛	$ \Box$		Gas Service Lines: Cast iron

Page 15 of 24 22012\_25 Douglas Rd..inspx

# Plumbing (Continued)

Basement Water Heate	er <del></del>
	ter Heater Operation: Adequate - Missing expansion tank on water heater, check
	ve was installed on main water, recommend installation of expansion tank by mber.
9. Manufacturer: Rhe	
	50T12HE40U0 Serial Number: A081500051
11. Type: Natural gas	
	7 years Area Served: Whole building
13.  Flue wa wa end det	e Pipe: Single wall - Furnace was converted to high efficiency using PVC pipes, ter heater still exhausting into terra-cotta liner in chimney. There is no longer ough BTU's to properly vent water heater and terra-cotta liner will eventually teriorate, recommend installation of metal liner by chimney specialist to reduce the cof carbon monoxide poisoning.
	dence of back drafting on water heater, recommend repair by plumber to prevent
fur	ther damage.  Water health Chirchite  Evidence of back drafting
14. 🛛 🗌 🔲 TPF	RV and Drain Tube: Copper
	Bathroom
A NPNI M D	
7. TH. TH. III. B	
2nd floor main Bathroo	om <del>-</del>
1.	ing: Paint
	or: Vinyl floor covering
	ors: Hollow wood
====	ndows: Wood double hung
	ctrical: 120 VAC - Non-GFCI receptacle, recommend installation by electrician to
	luce the risk of shock.

Page 16 of 24 22012\_25 Douglas Rd..inspx

# Bathroom (Continued)

Electrical: (continued)



7. <b>X</b> 8. <b>X</b> 9. <b>X</b> 10. <b>\</b>		Counter/Cabinet: Laminate and wood Sink/Basin: Molded dual bowl Faucets/Traps: Moen fixtures with a ABS trap Tub/Surround: Fiberglass tub and ceramic tile surround - Bags were in bathtub at time of inspection, unable to operate, recommend testing bath tub fixtures.
11. 🛛		Toilets: 1 1/2 Gallon Tank
12.		HVAC Source: Heating system register
13. <b>X</b>		Ventilation: Electric ventilation fan and window
	or Powde	r Half Bathroom
14.		Ceiling: Paint
15.		Walls: Wallpaper
16. 🛛		Floor: Vinyl floor covering
17 <b>X</b>		Doors: Hallow wood

1st floor	Powd	der	Half Bathroom ———————————————————————————————————	
14.			Ceiling: Paint	
15.			Walls: Wallpaper	
16.			Floor: Vinyl floor covering	
17.			Doors: Hollow wood	
18.			Windows: Wood double hung	
19. 🛛			Electrical: 120 VAC GFCI	
20.			Counter/Cabinet: Laminate and wood	
21.			Sink/Basin: Molded single bowl	
22.			Faucets/Traps: Moen fixtures with a ABS trap	
23.			Toilets: 1 1/2 Gallon Tank	
24.			HVAC Source: Heating system register	
25.			Ventilation: Electric ventilation fan and window	
Primary Bathroom				
26.			Ceiling: Paint	
27.			Walls: Paint	
28.			Floor: Vinyl floor covering	
29.			Doors: Hollow wood	

Windows: Wood double hung - Windows over tub do not have tempered glass

Page 17 of 24 22012\_25 Douglas Rd..inspx

## Bathroom (Continued)

	Battir (Gortanaga)
Windows: (cor	ntinued)
·	installed, recommend installation of safety glazing/tempered glass to reduce the risk of
	<mark>_ injury.</mark>
31. 🔲 🔲 🗆 🔀	Electrical: 120 VAC - Non-GFCI receptacle, recommend installation by electrician to
	reduce the risk of shock.
32. <b>XIIII</b>	Counter/Cabinet: Laminate and wood
33. <b>X</b>	Sink/Basin: Molded dual bowl
34. <b>XIIII</b>	Faucets/Traps: Moen fixtures with a ABS trap
35. <b>XIIIII</b> 36. <b>XIIII</b>	Tub/Surround: Fiberglass tub and ceramic tile surround  Shower/Surround: Fiberglass pan and ceramic tile surround
37. <b>X</b>	Toilets: 1 1/2 Gallon Tank
38. <b>X</b>	HVAC Source: Heating system register
39. <b>X</b>	Ventilation: Electric ventilation fan and window
	Tomaton Liberto Ventuation fair and Vindov
	Kitchen
A NPNI M D	
A IVI IVI IVI D	
1st Floor Kitchen	
1.	Cooking Appliances: Whirlpool - Missing anti-tip bracket, recommend installation to
	reduce the risk of injury.
2.	Ventilator: Whirlpool
3.	Disposal: In-Sinkerator
	Dishwasher: Kitchenaid
5. Air Gap Preser	
6.	Microwave: Whirlpool
7. <b>XIIII</b>	Sink: Stainless Steel
8. <b>                 </b>	Electrical: 120 VAC - Non-GFCI receptacle near kitchen sink, recommend installation by
	electrician to reduce the risk of shock.

Page 18 of 24 22012\_25 Douglas Rd..inspx

# Kitchen (Continued)

9.	Plumbing/Fixtures: PVC - Water leak noted at drain line, recommend repair to reduce
	the risk of water damage.  Water leaking
10. <b>X</b>	Counter Tops: Formica
11. <b>XIIII</b>	Cabinets: Laminate and wood
12. <b>XIIII</b> 13. <b>XIII</b> III	Pantry: Single Ceiling: Paint
14.	Walls: Wallpaper
15.	Floor: Vinyl floor covering
16. 🛛 🗌 🗰	Windows: Wood double hung
17. 🛛 🗌 🗰 🗀	HVAC Source: Heating system register
	Bedroom
A NP NI M D 4 bedrooms Bedi	room —
1. <b>X</b>	Closet: Walk In and Large
2.	Ceiling: Paint
3.	Walls: Paint
4.	Floor: Carpet - This inspection does not cover any damage concealed by carpeting,
	rugs or furniture
5. <b>XIIII</b>	Doors: Hollow wood
6.	Windows: Wood double hung
7. <b>X</b>	Electrical: 120 VAC
8. <b>X</b> LLLL	HVAC Source: Heating system register

Page 19 of 24 22012\_25 Douglas Rd..inspx

### Living Space

Living Room, Dining Room, Family Room Living Space

1. Closet: Single
2. Single Ceiling: Paint
3. Walls: Paint
4. Single Floor: Carpet - This inspection does not cover any damage concealed by carpeting, rugs or furniture
5. Single Doors: Hollow wood
6. Single Ceiling: Paint
7. Single Ceiling: Paint
8. Single Ceiling: Paint
9. Single Ceiling: Pai

LIVAC Sauras Hooting and

8. A HVAC Source: Heating system register

### Laundry Room/Area

A NPNI M D

ct E	loor	Lai	ındry	Doom/Aroa
			ariui y	Room/Area
1. 🔀				Ceiling: Paint
2. 🗵				Walls: Wallpaper, Paint
3. 🛚				Floor: Vinyl floor covering
4. 🔀				Doors: Hollow wood
5.			$\square \boxtimes$	Electrical: 120 VAC - Non-GFCI receptacle near laundry tub, recommend installation by
				electrician to reduce the risk of shock.



6. Heating system register

Page 20 of 24 22012\_25 Douglas Rd..inspx

# Laundry Room/Area (Continued)

7.				Laundry Tub: PVC - Not mounted to floor or wall, recommend securing laundry tub to reduce the risk of disconnecting plumbing lines.
8.	XI.			Laundry Tub Drain: ABS
9.	$\mathbf{X}[$			Washer Hose Bib: Rotary
10.	$\boxtimes \llbracket$		$\Box$	Washer and Dryer Electrical: 120-240 VAC
11.	XI.			Dryer Vent: Metal flex

Washer Drain: Drains to laundry tub

Page 21 of 24 22012 25 Douglas Rd..inspx

### 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.

#### Lots and Grounds

- 1. Driveway: Asphalt Recommend sealing cracks in driveway to prevent further damage.
- 2. Grading: Negative slope Improper soil slope towards foundation, recommend the addition of fill dirt to improve grade to help reduce moisture from entering the basement area.
- 3. Vegetation: Trees, Shrubs Bamboo noted at rear of yard, this plant is extremely invasive, recommend removal by landscaper.
- 4. Retaining Walls: Wood Wood retaining walls are bowing inward, due to poor drainage, recommend evaluation and repair by landscaper to prevent further damage.
- 5. Fences: Wood Damaged sections of wood fence noted around property, recommend repair/replacement as needed to prevent further damage.

#### Exterior

- 6. Entire house Exterior Surface Type: Vinyl siding, Stone veneer Seal around sump pit discharge/penetrations in vinyl siding and stone veneer to reduce the risk of moisture/insect infiltration.
  - Damaged siding at rear of house, recommend repair
- 7. Trim: Aluminum, Vinyl Damaged gable vent at front of house, recommend replacement to reduce the risk of critters entering the house.
- 8. Windows: Wood double hung Numerous windows through out house stick or are painted shut, making operation of windows difficult, recommend repair by contractor to allow for easier operation.

#### Roof

9. Flashing: Aluminum - Area was caulked heavily with noted hole, this may be an area where water may infiltrate, recommend repair by roofer to reduce the risk of water damage.

#### Garage/Carport

- 10. Attached Garage Garage Doors: Insulated aluminum Gap noted under right garage door, recommend repair to reduce the risk of critters entering the house.
- 11. Attached Garage Door Opener: Lift Master, Chamberlain Lift master opener was unplugged at time of inspection, recommend ensuring operation/replacement of garage opener by contractor.

#### Electrical

- 12. Smoke Detectors: Present Smoke Detectors should be installed on every floor and every bedroom.
- 13. Carbon Monoxide Detectors: Present Carbon Monoxide detectors should be installed on every floor and every bedroom.
- 14. Basement Electric Panel Manufacturer: Crouse-Hinds Missing panel cover screws, recommend installation.

Page 22 of 24 22012 25 Douglas Rd..inspx

# Marginal Summary (Continued)

#### Attic

- 15. Main Attic Sheathing: Plywood Water stain noted on plywood right above attic hatch, area was dry during inspection, recommend monitoring/ evaluation by roofer.
- 16. Main Attic Insulation: Blown in Loose insulation noted, recommend repair to help conserve energy

#### Recommend adding insulation to help conserve energy

#### **Basement**

17. Main Basement Ceiling: Paint - Evidence of possible mold growth noted on drywall in storage room and closet doors, possibly due to elevated humidity in basement, recommend running a dehumidifier, and evaluation by mold specialist.

#### Air Conditioning

18. Main AC System A/C System Operation: Appears serviceable - To avoid possible compressor damage due to outside temperature below 60 degrees, the unit was not tested, recommend servicing by HVAC contractor when temperature increases.

#### Fireplace/Wood Stove

19. Family Room Fireplace Fireplace Insert: Standard - Unable to light pilot light for gas insert, recommend ensuring operation/repair by fireplace specialist.

#### Plumbing

20. Service Caps: Accessible - Due to the age of house, recommend sewage lateral inspection of main drain line to ensure there are no blockages.

#### Bathroom

21. 2nd floor main Bathroom Tub/Surround: Fiberglass tub and ceramic tile surround - Bags were in bathtub at time of inspection, unable to operate, recommend testing bath tub fixtures.

#### Kitchen

22. 1st Floor Kitchen Cooking Appliances: Whirlpool - Missing anti-tip bracket, recommend installation to reduce the risk of injury.

#### Laundry Room/Area

23. 1st Floor Laundry Room/Area Laundry Tub: PVC - Not mounted to floor or wall, recommend securing laundry tub to reduce the risk of disconnecting plumbing lines.

Page 23 of 24 22012 25 Douglas Rd..inspx

### **Defective 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.

#### Lots and Grounds

- 1. Steps/Stoops: Concrete Step is too high at side door, height of steps should be 7 3/4 inches, recommend repair to reduce the risk of injury.
  - Missing handrail at rear steps, recommend installation to reduce the risk of injury.
- 2. Deck: Treated wood Damaged decking boards noted throughout deck, recommend replacement of all effected decking boards to reduce the risk of injury.

Damaged guardrails noted in numerous areas of deck, loose/missing balusters, recommend repair/replacement of wood to reduce the risk of injury.

Missing graspable handrail on deck stairway, recommend installation to reduce the risk of injury.

Rust noted on some joist hangers, rust can effect the integrity of the joists hanger, recommend replacement of all effected hangers.

#### Exterior

3. Exterior Electric Outlets: 120 VAC GFCI - No power noted to rear patio receptacle, recommend replacement of GFCI receptacle to allow for proper operation.

#### Roof

4. Main Roof Surface Material: Asphalt shingle - Damaged shingles at the ridge of house, recommend replacement of shingle to reduce the risk of water infiltration.

Shingles are existing beyond design life, roof granules are worn in numerous areas, this may cause shingles to deteriorate, recommend evaluation by roofer and budgeting for replacement

#### Electrical

- 5. Basement Electric Panel Breakers: CU/AL Double tap wiring, recommend repair by electrician.
- 6. Basement Electric Panel GFCI: At GFCI receptacles, Present GFCI Breaker did not trip when tested, recommend replacement to reduce the risk of shock.

#### Structure

- 7. Foundation: Concrete Vertical crack with no displacement noted at the exterior of rear foundation wall, recommend epoxy injection/sealing crack by basement/foundation contractor to reduce the risk of moisture entering the basement.
- 8. Stairs/Handrails: Wood stairs with wood handrails Baluster spacing is greater than 4 inches on guard and stair rails, recommend repair to reduce the risk of injury.

Page 24 of 24 22012\_25 Douglas Rd..inspx

### **Defective Summary (Continued)**

#### Heating System

9. Main Heating System Distribution: Metal duct, Insulflex duct - Disconnected duct work at front of basement, recommend repair to help conserve energy.

Duct work was attached to drain line, recommend improvement to reduce the risk of disconnecting drain line

#### **Plumbing**

- 10. Basement Water Heater Water Heater Operation: Adequate Missing expansion tank on water heater, check valve was installed on main water, recommend installation of expansion tank by plumber.
- 11. Basement Water Heater Flue Pipe: Single wall Furnace was converted to high efficiency using PVC pipes, water heater still exhausting into terra-cotta liner in chimney. There is no longer enough BTU's to properly vent water heater and terra-cotta liner will eventually deteriorate, recommend installation of metal liner by chimney specialist to reduce the risk of carbon monoxide poisoning.

Evidence of back drafting on water heater, recommend repair by plumber to prevent further damage.

#### Bathroom

- 12. 2nd floor main Bathroom Electrical: 120 VAC Non-GFCI receptacle, recommend installation by electrician to reduce the risk of shock.
- 13. Primary Bathroom Windows: Wood double hung Windows over tub do not have tempered glass installed, recommend installation of safety glazing/tempered glass to reduce the risk of injury.
- 14. Primary Bathroom Electrical: 120 VAC Non-GFCI receptacle, recommend installation by electrician to reduce the risk of shock.

#### Kitchen

- 15. 1st Floor Kitchen Electrical: 120 VAC Non-GFCI receptacle near kitchen sink, recommend installation by electrician to reduce the risk of shock.
- 16. 1st Floor Kitchen Plumbing/Fixtures: PVC Water leak noted at drain line, recommend repair to reduce the risk of water damage.

### Living Space

17. Living Room, Dining Room, Family Room Living Space Electrical: 120 VAC - Non GFCI receptacle near wet bar sink, recommend installation by electrician to reduce the risk of shock.

#### Laundry Room/Area

18. 1st Floor Laundry Room/Area Electrical: 120 VAC - Non-GFCI receptacle near laundry tub, recommend installation by electrician to reduce the risk of shock.