# INSPECTION CENTER

## by Mike Biechler Inc.

Mike Biechler – Inspector, Tester Matt Muehling – Inspector, Tester Full Home Inspection Wood Pest Inspection EIFS Inspection Radon Testing Water Testing Mold Testing



Phone (717) 856-0657 www.TheInspectionCenter.Com

Inspection Center by Mike Biechler Inc. 717-856-0657 Page **1** of **33** 

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# INVOICE

Start Time:

Finish Time:

Inspection Date:

Inspector: Mike Biechler

Customer:

Person(s) Present:

Age of House:

Precipitation:

Temperature:

Occupied

SERVICES:	COST	•
Full Home Inspection	\$	-
Wood Pest Report	\$	-
Radon Test	\$	-
Water Test	\$	-
Mold Test	\$	-
Other	\$	-
TOTAL	\$	-
Payment	\$	-
Balance	\$	-

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## SUMMARY

This summary page is a list of any major problems found during the home inspection. It should be understood that any item pointed out in this report can become a major problem if not repaired. The list of Major problems below is based on the definition of "Material Defect" as written in Pennsylvania Act 114.

## **MAJOR CONCERNS**

- The sill plate rear rim joist is rotted at the rear of the basement. These area needs reinforced.
- Rotted/termite damage wood support and rotted/termite damage stringers on the basement steps. The steps should be repaired.
- The brick and mortar have cracked and moved under the front porch right of the steps.
- Loose brick and mortar on the chimney. I recommend a mason evaluate and repair as needed.
- I found 10+ shingles that are missing or loose on the main house roof. I recommend a roofing contractor evaluate and repair as needed. It is probable that the shingles need to be replaced.
- Rotted wood that frames in the metal exterior doors to the basement.
- There is a hole in the side of the bathtub in the 1<sup>st</sup> floor bathroom.
- The flue pipe on the water heater is not sloped properly. This could allow carbon monoxide to enter the house. It is important to correct this slope or install a power fan.
- The boiler would not turn on. There is rust around the bottom of the boiler. I recommend an HVAC contractor evaluate the heating system and repair as needed.
- The rear exterior door is not square in its opening. The threshold moves and the door does not close or lock properly. There is a large gap around the door when close.
- The backsplash on the kitchen countertop is damaged/missing.

## STRUCTURE

House Foundation Walls: Block, Stone House Foundation Floor: Concrete, Dirt House Support Columns: Metal, Wood House Wall Framing Material: Wood House Floor Framing Material: Wood Joists Attic Access: Not Accessible

House Roof: Rafters

#### **MAJOR PROBLEMS**

- The sill plate and rear rim joist is rotted at the rear of the basement. These area needs reinforced.
- Rotted/termite damage wood support and rotted/termite damage stringers on the basement steps. The steps should be repaired.

#### **MINOR PROBLEMS**

• The bottom of the metal support posts are rusted in the basement. These posts need painted to prevent further rust.

#### ADDITIONAL OBSERVATIONS

- The attic access panel is painted shut. I did not see into the attic space.
- The floors are not level or even. The walls may not be plumb, the windows and doors may not be square in their opening.
- I found no visible evidence of any major structural damage from the past termite and wood boring beetle activity in the basement.
- The interior of the foundation under the front porch has been reinforced with block.

## EXTERIOR

House Roof : Fiberglass Shingles Porch Roof: Metal

Roof Inspection Method: Walked, Viewed from edge

Chimney Material: Brick

Gutters: Aluminum

Siding Material: Vinyl

Other items: Porch, Balcony

#### **MAJOR PROBLEMS**

- The brick and mortar have cracked and moved under the front porch right of the steps.
- Loose brick and mortar on the chimney. I recommend a mason evaluate and repair as needed.
- I found 10+ shingles that are missing or loose on the main house roof. I recommend a roofing contractor evaluate and repair as needed. It is probable that the shingles need to be replaced.
- Rotted wood that frames in the metal exterior doors to the basement.

#### MINOR PROBLEMS

- Rotted wood on three of the front porch columns.
- The chimney flashing is tarred. You must maintain the tar to prevent water leakage or replace with proper flashing.
- Loose downspout on the front porch.
- Loose railing on the right side of the rear balcony.
- Gap where the rubber roof intersects the balcony.
- Loose trim, gap in trim on the side of the rear rubber roof.
- Weather strip needed the exterior door to the balcony.
- The exterior dryer vent cover is broken.
- Minor siding damage on the left rear corner of the house.

#### ADDITIONAL OBSERVATIONS

- It is important to maintain the coating on the metal front porch roof.
- The rubber roof material is in good condition. Rubber roofs typically last 30+/- years.
- The balcony door threshold is lower than the balcony floor.
- The rear patio has settled and cracked.

Inspection Center by Mike Biechler Inc. 717-856-0657 Page **5** of **33** 

## **PLUMBING SYSTEM**

 Water Supply: Public

 Main Water Shutoff Location: Basement

 Main Pipe Material: Copper

 Interior Pipe Material: Plastic, Copper

 Hose bib: Standard

 Water Heater: Natural Gas
 Quantity: 1

 Age: 2017
 Gallons: 40

 Waste Pipe Material: Plastic, Cast Iron

 Waste System: Public

 Bathtub Material: Fiberglass

 Clothes Washer: Operated - No

 Clothes Dryer: Operated - No

#### **MAJOR PROBLEMS**

- There is a hole in the side of the bathtub in the 1<sup>st</sup> floor bathroom.
- The flue pipe on the water heater is not sloped properly. This could allow carbon monoxide to enter the house. It is important to correct this slope or install a power fan.

#### MINOR PROBLEMS

- The pipes for the tub spouts are loose in the wall. Both bathrooms.
- There is a gap at the water control in the 1<sup>st</sup> floor bathroom. Water could get behind the fixture when showering.
- No water out of the exterior hose bib.

#### ADDITIONAL OBSERVATIONS

- We ran water at all the sinks, toilets, tubs and showers.
- S-traps used for sink drains.
- The main water shut off valve is located on the front basement wall under the front porch.

## **ELECTRIC SYSTEM**

Service Entrance: Overhead <u>Main Panel Box Location</u>: Basement <u>Breakers:</u> Main Panel Box <u>Wiring</u>: Grounded Romex, Ungrounded Romex <u>Receptacle Type</u>: 3Hole <u>Ground Fault Interrupters</u>: Bathroom, Kitchen <u>Grounding</u>: Rod Electric Supply: 100 <u>Main Panel Box Quantity</u>: 1 <u>Main Disconnect: Basement</u> <u>Distribution Wire</u>: Copper

#### **MAJOR PROBLEMS**

• NO MAJOR PROBLEMS FOUND AS DEFINED IN PA ACT 114

#### MINOR PROBLEMS

- Ceiling light missing in the left 2<sup>nd</sup> floor bedroom.
- Receptacle loose in the wall laundry room.
- There is a wire sticking out the right exterior wall. The wire should be eliminated or end in a junction box.
- Yellow gas flex pipe is used and I did not see a bonding strap on the steel gas pipe. The manufacture of the yellow gas flex pipe requires the steel pipe to be bonded to help prevent the pipe from bursting if lightning strikes close to the house.
- The cover on the main electric panel box is rusted. I found no rust on the breakers.
- One pointed screw used to hold the cover on the main electric panel box. The tip of the pointed screw should be ground flat.

#### ADDITIONAL OBSERVATIONS

• The electric meter base is rusted.

## **HEATING / AIR CONDITIONING**

Heat Fuel Source: Natural Gas Heat Location: Basement

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Boiler: Steam, Radiators

Thermostat: Single

#### MAJOR PROBLEMS

• The boiler would not turn on. There is rust around the bottom of the boiler. I recommend an HVAC contractor evaluate the heating system and repair as needed.

#### **MINOR PROBLEMS**

• Seal metal flue pipe where it enters the chimney in the basement.

#### ADDITIONAL OBSERVATIONS

### **Interior Areas**

Walls and Ceiling: Drywall, Paneling, Plaster, Textured, Wallpaper

Flooring: Carpet, Vinyl, Tile

Windows: Wood, Vinyl, Double Hung

Attic Insulation: Not Visible

Fans: Bath, Ceiling

Smoke Detectors: Battery

#### **MAJOR PROBLEMS**

• The rear exterior door is not square in its opening. The threshold moves and the door does not close or lock properly. There is a large gap around the door when close.

#### MINOR PROBLEMS

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#### ADDITIONAL OBSERVATIONS

- We do not inspect chimney flue liners.
- Several cracked floor tile in the bathrooms and kitchen.
- Patched ceiling in the 1<sup>st</sup> floor bedroom. The area was dry at time of inspection.

## **KITCHEN**

**Electric Stove** 

tExhaust fan

#### **MAJOR PROBLEMS**

• The backsplash on the kitchen countertop is damaged/missing.

#### MINOR PROBLEMS

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#### ADDITIONAL OBSERVATIONS

• The appliances operated at the time of the inspection.

## **Basement / Crawl Space / Slab**

Basement

Windows:

Exterior Door:

Water Control Measures: Sump Pump

#### MAJOR PROBLEMS

• NO MAJOR PROBLEMS FOUND AS DEFINED IN PA ACT 114

#### MINOR PROBLEMS

- The pipe on the sump pump is taped together.
- The interior door to the basement will not close, not square in the opening.

#### ADDITIONAL OBSERVATIONS

- The age of the house and construction method never intended on providing a dry basement. Water on the floor at time of inspection.
- Suspect mold growing on several floor joists and sub-floor in the basement.
- I recommend at least one dehumidifier should be running in the basement.
- The white insulation on some of the heat pipes in the basement may contain asbestos.



• The sill plate and rear rim joist is rotted at the rear of the basement. These area needs reinforced.

Inspection Center by Mike Biechler Inc. 717-856-0657 Page **12** of **33** 



• Rotted/termite damage wood support and rotted/termite damage stringers on the basement steps. The steps should be repaired.

Inspection Center by Mike Biechler Inc. 717-856-0657 Page 13 of 33



• The bottom of the metal support posts are rusted in the basement. These posts need painted to prevent further rust.



• I found no visible evidence of any major structural damage from the past termite and wood boring beetle activity in the basement.



• Loose brick and mortar on the chimney. I recommend a mason evaluate and repair as needed.

Inspection Center by Mike Biechler Inc. 717-856-0657 Page **15** of **33** 





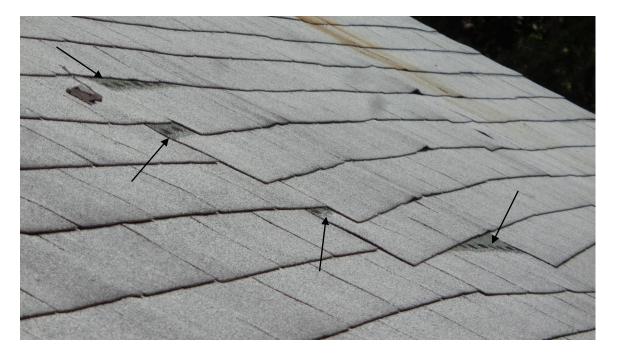
• The brick and mortar have cracked and moved under the front porch right of the steps.





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Inspection Center by Mike Biechler Inc. 717-856-0657 Page **18** of **33** 



• Rotted wood that frames in the metal exterior doors to the basement.



• Rotted wood on three of the front porch columns.

Inspection Center by Mike Biechler Inc. 717-856-0657 Page **19** of **33** 



• The chimney flashing is tarred. You must maintain the tar to prevent water leakage or replace with proper flashing.



• Loose railing on the right side of the rear balcony.

Inspection Center by Mike Biechler Inc. 717-856-0657 Page **20** of **33** 



• Gap where the rubber roof intersects the balcony.



• Loose trim, gap in trim on the side of the rear rubber roof.

Inspection Center by Mike Biechler Inc. 717-856-0657 Page **21** of **33** 



- Weather strip needed the exterior door to the balcony.
- The balcony door threshold is lower than the balcony floor.



• The exterior dryer vent cover is broken.

Inspection Center by Mike Biechler Inc. 717-856-0657 Page 22 of 33



• Minor siding damage on the left rear corner of the house.



• It is important to maintain the coating on the metal front porch roof.

Inspection Center by Mike Biechler Inc. 717-856-0657 Page 23 of 33



• The rubber roof material is in good condition. Rubber roofs typically last 30+/- years.



• There is a hole in the side of the bathtub in the 1<sup>st</sup> floor bathroom.

Inspection Center by Mike Biechler Inc. 717-856-0657 Page 24 of 33



• The flue pipe on the water heater is not sloped properly. This could allow carbon monoxide to enter the house. It is important to correct this slope or install a power fan.



• The pipes for the tub spouts are loose in the wall. Both bathrooms.

Inspection Center by Mike Biechler Inc. 717-856-0657 Page **25** of **33** 



• There is a gap at the water control in the 1<sup>st</sup> floor bathroom. Water could get behind the fixture when showering.



• The main water shut off valve is located on the front basement wall under the front porch.



• Ceiling light missing in the left 2<sup>nd</sup> floor bedroom.



• Receptacle loose in the wall – laundry room.

Inspection Center by Mike Biechler Inc. 717-856-0657 Page 27 of 33



• There is a wire sticking out the right exterior wall. The wire should be eliminated or end in a junction box.



• Yellow gas flex pipe is used and I did not see a bonding strap on the steel gas pipe. The manufacture of the yellow gas flex pipe requires the steel pipe to be bonded to help prevent the pipe from bursting if lightning strikes close to the house.



- The cover on the main electric panel box is rusted. I found no rust on the breakers.
- One pointed screw used to hold the cover on the main electric panel box. The tip of the pointed screw should be ground flat.



• The electric meter base is rusted.





• The boiler would not turn on. There is rust around the bottom of the boiler. I recommend an HVAC contractor evaluate the heating system and repair as needed.



• Seal metal flue pipe where it enters the chimney in the basement.



• The rear exterior door is not square in its opening. The threshold moves and the door does not close or lock properly. There is a large gap around the door when close.

Inspection Center by Mike Biechler Inc. 717-856-0657 Page **31** of **33** 



• The pipe on the sump pump is taped together.



• The white insulation on some of the heat pipes in the basement may contain asbestos.





• Suspect mold growing on several floor joists and sub-floor in the basement.

Inspection Center by Mike Biechler Inc. 717-856-0657 Page 33 of 33