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## PERRY INSPECTION REPORT

869 Estates Dr Los Alamos, NM 87544

> Lorene Beckstead APRIL 3, 2024



Inspector

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Standards of Practice 47

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At your request, a visual inspection of the above referenced property was conducted on 04/03/2024. An earnest effort was made on your behalf to discover all visible defects, however, in the event of an oversight, maximum liability must be limited to the fee paid. The following is an opinion report, reflecting the visual conditions of the property at the time of the inspection only. The inspection is a visual non-invasive inspection. Damage or defects that require invasive procedures to be discover are not included in this home inspection report. Hidden or concealed defects and areas that are not readily accessible or visible are not included in this report. Moving or removal of floor coverings, furniture, pictures or other personal belongings is not part of a home inspection. All components designated for inspection in the ASHI Standards of Practice are inspected, except as may be noted in the "Limitations of Inspection" sections within this report. No warranty is either expressed or implied. This report is not an insurance policy, nor a warranty service. Unexpected repairs should still be anticipated and are part of owning and maintaining a home

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## **SUMMARY**







RECOMMENDATIONS

SAFETY HAZARD

- 2.1.1 Grounds Driveway: Cracks (Movement)
- 3.2.1 Exterior Coverings & Conditions: Typical Cracks/Past Repair (Monitor/Cosmetic)
- 3.2.2 Exterior Coverings & Conditions: Stucco Crack 1/8in
- 3.2.3 Exterior Coverings & Conditions: Horizontal Crack (Multiple)
- 3.2.4 Exterior Coverings & Conditions: Stucco Peeling (Multiple)
- 3.5.1 Exterior Hose Bibs: Not Secured
- 4.3.1 Roof System Roof Material & Conditions: Mineral Flashing (Touch Up)
- 4.3.2 Roof System Roof Material & Conditions: SHINGLES (Cracking)
- 4.3.3 Roof System Roof Material & Conditions: SHINGLES Typical Maintenance
- 4.3.4 Roof System Roof Material & Conditions: SHINGLES (Exposed Nail Heads)
- 4.4.1 Roof System Roof Plumbing and Exhaust Vents: Damaged Vent Cap
- 5.11.1 Garage Carport Garage Walls: Drywall Crack (Typical)
- 6.6.1 Living Room | Hallways Floors 2: Tile Cracked (Cosmetic)
- (a) 11.4.1 Upper North Bedroom Windows: Difficult to Operate
- 14.5.1 Kitchen | Dining Area Floors: Tile Cracked (Cosmetic)
- 16.16.1 Primary Bathroom Shower Surround: Tile (Caulking)
- 18.17.1 Upper Hallway Bathroom Bathtub Drain: Tub (Drain Slow)
- 20.8.1 General Interior Smoke Detectors: Not All Rooms (Recommend)
- 20.9.1 General Interior Carbon Monoxide Detector: Recommend
- 21.2.1 Mechanical Room/Closet Mechanical Room/Closet Walls: Moisture Staining (Dry)
- 21.3.1 Mechanical Room/Closet Mechanical Room/Closet Ceiling: Moisture Stains (Dry)
- 24.1.1 Boiler 1 Boiler 1: 20-25 (Monitor)
- 24.1.2 Boiler 1 Boiler 1: Water Stains (Exhaust Vent)
- 24.1.3 Boiler 1 Boiler 1: Low<10PSI
- 24.1.4 Boiler 1 Boiler 1: Dielectric Union (Past Leak)
- 24.1.5 Boiler 1 Boiler 1: Air Separator (Past Leak)
- △ 26.12.1 Electrical System Electrical Sub- Panel(s) Condition: Wiring (Improper Termination)
- △ 26.15.1 Electrical System Outlets/Switches Garage: Outlet Damage

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△ 26.17.1 Electrical System - Outlets/Switches - Bathrooms: Reverse Polarity

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## 1: INFORMATION

## **Information**

**People Present** 

Owner

**Multi Level Home** 

Pitched Roof, Slab on Grade, With an Attic

**Outside Temperature (F)** 

40-50

**Main Entry Door Faces** 

East

Year Built

1994

**Utilities - All ON** 

**Weather** Sunny

All of the utilities were on at the time of the inspection.

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## 2: GROUNDS

#### **Information**

**Driveway: Material** 

Concrete

**Walkways: Material** 

Concrete

Walkways: Good

The walkways are in functional

condition.

Portal/Porch - Structure/Framing: Portal/Porch - Floor Surface:

Good

The structure is functional.

**Surface Material** 

Concrete

**Portal/Porch - Portal Covering:** 

**Portal** 

Wood decking is visible from the underside of the portal roof.

Portal/Porch - Railing: Railing Portal/Porch - Railing: Good

The hand railing is functional.

Portal/Porch - Portal Steps: Good

The steps are functional.

Fences/Walls & Gates: Fence

**Material** 

Material

**Wood** 

Masonry Wall, Wooden Fence

Fences/Walls & Gates: Good

The fencing or walls are functional.

**Landscaping: Good** 

No damage to the home from the vegetation was observed.

### **Grading - Drainage: Good**

The grade at the foundation of the home is sufficient. It is advised to evaluate the perimeter of the home for pooling of water near the foundation during heavy rainfall.

#### **Action items**

2.1.1 Driveway

## **CRACKS (MOVEMENT)**

Cracks in the concrete driveway were noted. This condition suggests that settling or movement of the slab has occurred.





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## 3: EXTERIOR

#### **Information**

**Exterior Walls - Wall** Coverings & Conditions: Material Exterior Wood/Trim: Good

**Construction: Material** Stucco The exterior trim is functional.

**Wood Framing** 

**Door Bell: Functional Exterior Doors: Good** Screen Doors: Good

The exterior doors are functional. The screen doors are functional.

#### **Coverings & Conditions: Typical Cracks (Monitor)**

Hairline cracks were noted and are considered normal. If any crack opening become 1/8 inch or larger, it is recommended to have the crack repaired.



#### **Exterior Wall Flashing: \*None**

This type of construction does not have or require any metal flashing at the exterior walls or the flashing is not visible.

#### **Exterior of Windows - Screens: Good**

The screens were noted to be installed with typical wear to the frames and screening material.

### **Action items**

3.2.1 Coverings & Conditions

# TYPICAL CRACKS/PAST REPAIR

# (MONITOR/COSMETIC)

Hairline cracks and past crack repairs were noted and are considered normal. If any crack opening become 1/8 inch or larger, it is recommended to have the crack repaired.



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3.2.2 Coverings & Conditions

### **STUCCO CRACK 1/8IN**



The stucco finish is cracking at the entry porch southeast exterior and kitchen/dining area south exterior. Crack openings that are an 1/8 inch wide or wider need to be repaired to prevent water entry behind the stucco.



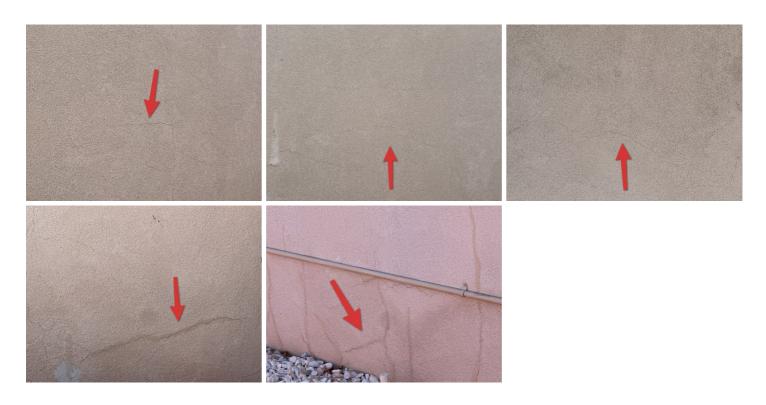


3.2.3 Coverings & Conditions



## **HORIZONTAL CRACK (MULTIPLE)**

Horizontal cracking of the stucco was noted at multiple locations. This can indicate that the sheathing or stucco netting (wire) was not properly installed.



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3.2.4 Coverings & Conditions

## **STUCCO PEELING (MULTIPLE)**



The stucco finish is peeling at multiple locations. Recommend having the stucco further evaluated for repair.









3.5.1 Hose Bibs

### **NOT SECURED**



The hose bib at the south and west exterior wall is not properly secured. This can allow movement and possible damage to the plumbing system. Recommend having the hose bib properly secured to the wall.





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## 4: ROOF SYSTEM

## **Information**

**Roof Access: Roof Access** 

Ladder and Walking on the Roof.

**Roof Pitch: Roof Pitch** 

6x12

**Roof Material & Conditions:** 

Material

Asphalt Shingle

**Roof Material & Conditions:** 

**Estimated Age** 5-10 Years

Good

Functional with typical signs of

wear.

Roof Metal Flashings - Condition: Roof & Attic Venting - Condition & Type: Roof Venting Type

Eaves, Gable & Eaves

**Canales - Material & Conditions:** 

Material

None

**Canales - Material & Conditions:** 

The homes roof design does not require or have canales.

**Gutters & Downspouts -Condition: Good** 

The gutters are functional.

& Conditions: Fascia Material

Wood

Eaves - Soffits - Fascias - Material Eaves - Soffits - Fascias - Material Eaves - Soffits - Fascias - Material & Conditions: Eaves Material

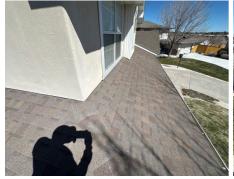
Wood

& Conditions: Good

The fascia/eaves are functional.

**Skylights - Condition: NONE** 

**Roof Access: General Photos** 





### **Action items**

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4.3.1 Roof Material & Conditions



## MINERAL FLASHING (TOUCH UP)

The mineral flashing is showing signs of typical wear and will need maintenance at the roof penetrations. A maintenance sealing of the mineral flashing is suggested to prolong the life of the roof.

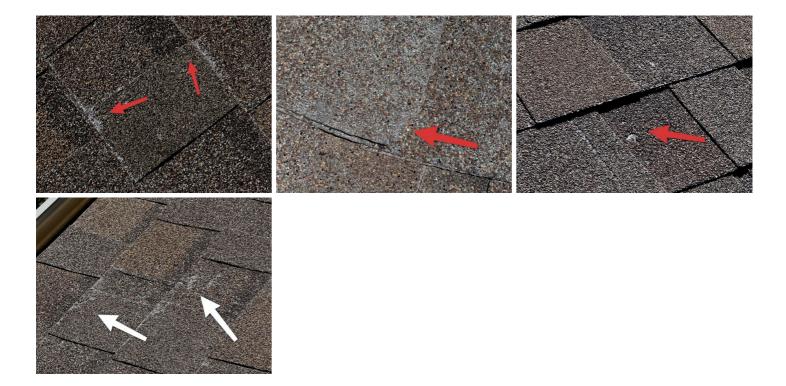


4.3.2 Roof Material & Conditions

## **SHINGLES (CRACKING)**



Cracking and clawing of multiple shingles was noted and is the result of long term weathering and an advanced shingle age. Felts are showing through. Recommend consulting with a roofing contractor about the roof condition and course of action.



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4.3.3 Roof Material & Conditions



## **SHINGLES - TYPICAL MAINTENANCE**

TYPICAL MAINTENANCE RECOMMENDED. This usually consists of repair/replacement of any damaged/missing shingles. This maintenance should help insure the weather tightness of the building and should be performed on a regular basis. No major problems detected at this time. Recommend consulting with a roofing contractor about the roof condition and course of action.







### 4.3.4 Roof Material & Conditions

## SHINGLES (EXPOSED NAIL HEADS)



Multiple exposed nail heads and areas of top nailing were noted and should receive a dab of tar to protect nail heads from rusting away or leaking.







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4.4.1 Roof - Plumbing and Exhaust Vents



## **DAMAGED VENT CAP**

The boiler/water heater exhaust pipe cap is damaged. Recommend having the vent cap repaired.



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## 5: GARAGE - CARPORT

### **Information**

### **Garage - Description Type: General Photos**



Garage - Description Type: Garage Garage - Wall Construction: Wall Construction **Description Type Wood Framing** 

Attached, Two Car Garage

## **Garage - Garage Car Door Condition: GOOD**

The garage car door is functional.

## **Garage - Garage Interior: Garage Interior Surface**

Drvwall

## Garage - Interior Doors: Good

The garage door to the interior of the home is a fire rated door.

## **Garage - Fire Wall: Fire Rated** (Good)

The common wall to the interior of the home has a fire rated wall covering.

The garage does not have any operable windows.

## **Garage - Garage Ceiling: Garage Ceiling Information**

**Garage - Windows: None** 

Finished Covering Installed

#### **Garage - Garage Ceiling: Good**

The garage ceiling is in good condition.

#### **Garage - Cabinets: Good**

The cabinets are functional.

## Garage - Counters & Backsplash:

The counter tops and back splash are functional.

#### **Garage - Garage Door Safety: Good**

The automatic garage door opener optical sensor and the pressure sensor were tested and are functioning.

#### **Garage - Garage Door Weather Stripping: Good**

The garage car door weather stripping is in good condition and is functioning as intended

#### **Garage - Exterior Doors: None**

The garage does not have any operable human doors to the exterior of the home.

#### **Garage - Garage Floor: Good**

The garage floor is in good condition. Cracking of the surface is common in garages.

#### **Action items**

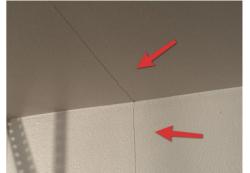
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5.11.1 Garage - Walls



## **DRYWALL CRACK (TYPICAL)**

The west and north wall/ceiling covering has a crack in the drywall. The cracking is the result of movement of the home. This type of cracking is common in new and older homes and is cosmetic.



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## 6: LIVING ROOM | HALLWAYS

## **Information**

#### **General: General Photos**



#### **Interior Doors: None**

No operable doors to the interior of the home.

#### **Exterior Doors: None**

No operable human doors to the exterior of the home.

Windows: Good - Functioning

#### Floors: Good

Functional at this time. No damage was visible to the visible areas.

Walls: Good

No damage at this time.

**Ceiling: Good** 

The ceiling is in good condition.

**Ceiling Fans: None** 

No ceiling fan installed.

## **Action items**

6.6.1 Floors 2

## TILE CRACKED (COSMETIC)



Multiple floor tile at the hallways are cracked/damaged. This condition is cosmetic and no action is required.





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## 7: FAMILY ROOM

## **Information**

**General: General Photos** 



**Interior Doors: None** 

No operable doors to the interior Functioning of the home.

**Exterior Doors: Good -**

Windows: Good - Functioning

Floors: Good

Functional at this time. No damage was visible to the visible areas.

Walls: Good

No damage at this time.

**Ceiling Fans: None** 

No ceiling fan installed.

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## 8: DINING ROOM

No operable doors to the interior

## **Information**

#### **General: General Photos**



of the home.

**Exterior Doors: None** 

No operable human doors to the exterior of the home.

Windows: Good - Functioning

Floors: Good

**Interior Doors: None** 

Functional at this time. No damage was visible to the visible areas.

Walls: Good

No damage at this time.

**Ceiling: Good** 

The ceiling is in good condition.

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## 9: PRIMARY BEDROOM

## Information

#### **General: General Photos**



Interior Doors: Good- Functioning Exterior Doors: None

No operable human doors to the exterior of the home.

Windows: Good - Functioning

Floors: Good

Functional at this time. No damage was visible to the visible areas.

Walls: Good

No damage at this time.

**Ceiling: Good** 

The ceiling is in good condition.

**Ceiling Fans: Good** 

The ceiling fan is functional.

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## 10: LOWER NORTH BEDROOM

## **Information**

#### **General: General Photos**



Interior Doors: Good- Functioning Exterior Doors: None

No operable human doors to the exterior of the home.

Windows: Good - Functioning

Floors: Good

Functional at this time. No damage was visible to the visible areas.

Walls: Good

No damage at this time.

**Ceiling: Good** 

The ceiling is in good condition.

**Ceiling Fans: Good** 

The ceiling fan is functional.

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## 11: UPPER NORTH BEDROOM

### **Information**

#### **General: General Photos**



Interior Doors: Good- Functioning Exterior Doors: None

No operable human doors to the exterior of the home.

Floors: Good

Functional at this time. No damage was visible to the visible areas.

Walls: Good

No damage at this time.

**Ceiling: Good** 

The ceiling is in good condition.

**Ceiling Fans: Good** 

The ceiling fan is functional.

### **Action items**

11.4.1 Windows

### **DIFFICULT TO OPERATE**



The east wall right hand window is difficult to operate. The locking mechanism / window may need an adjustment for its improved function. Recommend having this condition further evaluated.

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## 12: UPPER SOUTH BEDROOM

## **Information**

#### **General: General Photos**



Interior Doors: Good- Functioning Exterior Doors: None

No operable human doors to the exterior of the home.

Windows: Good - Functioning

Floors: Good

Functional at this time. No damage was visible to the visible areas.

Walls: Good

No damage at this time.

**Ceiling: Good** 

The ceiling is in good condition.

**Ceiling Fans: Good** 

The ceiling fan is functional.

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## 13: LAUNDRY ROOM

#### **Information**

**Laundry Room - Location:** 

Location

Hallway Closet



**Ceiling: Good** 

The ceiling is in good condition.

**Exhaust Vent: Good - Functioning** 

Washer and Dryer: YES Wash/Dry Clothes Dryer Connections:

A clothing washer and dryer are installed.

**Electric (Good)** 

The home has connections for an electric clothes dryer.

**Clothes Dryer Venting: To Exterior** 

The clothes dryer vents to the exterior of the home.

#### **Washing Machine Connections: Connection Box**

There is a connection box installed in the wall with a hot and cold water valve and a drain pipe. The drain pipe was not flood tested.

#### Limitations

Walls

#### **NOT VISIBLE**

The wall surface was not fully visible due to items placed in front of and/or on the wall surface. The wall surface could not be inspected.

Floors

## **NOT VISIBLE**

The visibility of the floor was limited due to the floor coverings and/or room furnishings. The floor surface could not be inspected.

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Washing Machine Connections

## **NOT VISIBLE**

The connections to the clothes washing machine were not accessible. The connections could not be inspected.



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## 14: KITCHEN | DINING AREA

#### **Information**

#### **General: General Photos**



#### **Interior Doors: None**

The room does not have any operable doors to the interior of the home.

#### **Exterior Doors: Good**

The exterior human door is functional.

#### Windows: Good

The windows are functional at this time.

#### **Ceiling Fans: Good**

The ceiling fan is functional.

#### Walls: Good

The walls do not show signs of damage at this time.

#### **Cabinets: Good**

The cabinets are functional.

#### **Ceiling: Good**

The ceiling is in good condition.

#### **Ceiling Fans: Remote Monitor**

The ceiling fan is functional. The fan uses a remote control to operate the unit. Recommend confirming the remote is in the home at the final walk-through inspection.

### **Action items**

14.5.1 Floors

## TILE CRACKED (COSMETIC)

The floor tile is cracked/damaged. This condition is cosmetic and no action is required.







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## 15: KITCHEN - APPLIANCES

## Information

**Stove/Cooktop:** Stove/Cooktop

Туре

Electric

Stove/Cooktop: Good

The stove/cooktop is functional.

103°F

**Ventilation: Good** 

The kitchen has a hood vent installed that is functional.

Oven: Oven Type

Electric

**Oven: Good** 

The oven is functional.



**Garbage Disposal: Good** 

The disposal unit is functional.

**Dishwasher: Good** 

The dishwasher is functional.

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## 16: PRIMARY BATHROOM

#### **Information**

#### **Interior Doors: General Photos**



#### **Interior Doors: Good**

The interior door is functioning.

#### Walls: Good

The walls do not show signs of damage at this time.

#### Ceiling: Good

The ceiling is in good condition.

#### Sink: Good

The sink is functional.

#### **Counters & Backsplash: Good**

The counter tops and back splash are functional.

#### **Exhaust Vent: Good**

The room has an exhaust fan installed that is functioning.

#### Sink Fixture: Good

The sink fixture is functional.

### **Tub/Shower Type: Tub/Shower**

**Type** Shower

#### **Toilet: Good**

The toilet is functioning.

#### **Cabinets: Good**

The cabinets are functional.

#### **Shower Door: Good**

The shower has an operable door enclosure. The door is functional.

### **Shower Fixtures: Good**

The shower fixture is functional.

### **Shower Surround: Good**

The surround is functional.

#### **Exterior Doors: None**

The room does not have any operable human doors to the exterior of the home.

#### Floors: Good

The floors are noted to be functional at this time. No damage was visible to the visible areas.

#### **Action items**

16.16.1 Shower Surround

## TILE (CAULKING)

seal the tile surround.







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## 17: LOWER HALLWAY BATHROOM

#### **Information**

#### **Interior Doors: General Photos**



#### Interior Doors: Good

The interior door is functioning.

#### Windows: Good

The windows are functional at this time.

#### Walls: Good

The walls do not show signs of damage at this time.

#### **Toilet: None**

The bathroom does not have a toilet.

#### **Cabinets: Good**

The cabinets are functional.

#### **Shower Door: Good**

The shower has an operable door enclosure. The door is functional.

#### **Ceiling: Good**

The ceiling is in good condition.

#### Sink: Good

The sink is functional.

## Counters & Backsplash: Good

The counter tops/back splash are Type functional.

#### **Shower Fixtures: Good**

The shower fixture is functional.

#### **Exhaust Vent: Good**

The room has an exhaust fan installed that is functioning.

#### Sink Fixture: Good

The sink fixture is functional.

#### **Tub/Shower Type: Tub/Shower**

Shower

#### **Shower Surround: Good**

The surround is functional.

#### **Exterior Doors: None**

The room does not have any operable human doors to the exterior of the home.

#### Floors: Good

The floors are noted to be functional at this time. No damage was visible to the visible areas.

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## 18: UPPER HALLWAY BATHROOM

#### **Information**

#### **Interior Doors: General Photos**



#### Windows: None

The room does not have any operable windows.

#### Walls: Good

The walls do not show signs of damage at this time.

#### Ceiling: Good

The ceiling is in good condition.

#### Sink: Good

The sink is functional.

## **Counters & Backsplash: Good**

The counter tops and back splash are functional.

#### **Tub Fixtures: Good**

The tub fixture is functional.

#### **Exhaust Vent: Good**

The room has an exhaust fan installed that is functioning.

#### Sink Fixture: Good

The sink fixture is functional.

#### **Tub/Shower Type: Tub/Shower**

**Type** Combo

#### **Tub Surround: Good**

The surround is functional.

#### **Toilet: Good**

The toilet is functioning.

#### **Cabinets: Good**

The cabinets are functional.

#### **Bathtub Door: Curtain**

The bathtub is designed to use a curtain.

#### **Jetted Tub Function: None**

The tub does not have jets or an aeration function.

#### **Exterior Doors: None**

The room does not have any operable human doors to the exterior of the home.

#### Floors: Good

The floors are noted to be functional at this time. No damage was visible to the visible areas.

#### **Action items**

18.17.1 Bathtub Drain

## TUB (DRAIN SLOW)

The tub was noted to be draining slowly. This indicates that the drain may be obstructed and needs to be cleared. Recommend consulting with a plumbing contractor for repairs.





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## 19: POWDER ROOM

## **Information**

#### **Interior Doors: General Photos**



#### **Interior Doors: Good**

The interior door is functioning.

#### Windows: None

The room does not have any windows.

#### Walls: Good

The walls do not show signs of damage at this time.

#### **Toilet: Good**

The toilet is functioning.

#### **Cabinets: Good**

The cabinets are functional.

## Tub/Shower Type: None

The bathroom does not have a tub/shower.

## **Exterior Doors: None**

The room does not have any operable human doors to the exterior of the home.

#### Floors: Good

The floors are noted to be functional at this time. No damage was visible to the visible areas.

#### **Ceiling: Good**

The ceiling is in good condition.

#### Sink: Good

The sink is functional.

#### **Counters & Backsplash: Good**

The counter tops and back splash are functional.

### **Exhaust Vent: Good**

The room has an exhaust fan installed that is functioning.

#### **Sink Fixture: Good**

The sink fixture is functional.

#### **Tub/Shower Type: Tub/Shower**

**Type** None

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## 20: GENERAL INTERIOR

### **Information**

**Home is Furnished: YES** 

The home is furnished.

General Interior - Floors: Interior Security System: No

Floor Material

Tile, Laminate Wood, Carpet

**Windows - General Condition:** Good

The windows are functional with typical signs of wear.

**General Interior - Walls: Interior Wall Material** 

Drywall

The home does not have a security system installed.

Stairways & Handrails -**Condition: Steps OK** 

The stairway is functional.

**General Interior - Ceilings:** 

**Interior Ceiling Finish** 

Drywall

Windows - Materials and Style:

**Window Material** 

Aluminum

Stairways & Handrails -**Condition: Rail OK** 

The hand rail is secured and functional.

## Thermography Scan: Infrared/Good

An Infrared Scan was performed at the time of the inspection. No conditions requiring repair were observed.

















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### Limitations

General Interior - Condition

### LIMITED VISIBILITY (PERSONAL BELONGINGS)

The home was noted to be full of personal belongings. This can make it difficult to visually detect a condition in the home that may need correction.

### **Action items**

20.8.1 Smoke Detectors

## Recommendations

## NOT ALL ROOMS (RECOMMEND)

The home is not sufficiently equipped with smoke alarms. This was not required when the home was built. Having smoke alarms installed within 6 feet of all bedroom doors and in each bedroom can increased the safety of the home.

20.9.1 Carbon Monoxide Detector



#### **RECOMMEND**

A carbon monoxide detector was not noted in the home. Installing a carbon monoxide detector can increase the safety of the home.

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## 21: MECHANICAL ROOM/CLOSET

### **Information**

Mechanical Room/Closet - Exterior Doors: Good

The garage exterior human door is functional.

## **Action items**

21.2.1 Mechanical Room/Closet - Walls

## MOISTURE STAINING (DRY)



Multiple walls have moisture staining on the surface. The condition indicates that a leak had occurred. The area was dry at the time of the inspection. Recommend monitoring this condition during heavy rainfall.





21.3.1 Mechanical Room/Closet - Ceiling



### **MOISTURE STAINS (DRY)**

The ceiling has moisture stains noted on the surface. The water staining indicates there was a past leak and the area was noted to be dry at the time of the inspection. Recommend monitoring the area(s) during heavy rain fall for active leaks.



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## 22: PLUMBING SYSTEM

## **Information**

Water Supply - Shut Off: Shut Off Water Supply - Material: Material Gas Supply : Gas Type
Water Heater Copper Natural Gas



**Gas Supply : Main Shut-Off Location**South Exterior, Gas Meter



Waste Pipes: Water Supply - Waste Pipes
Plastic PVC/ABS)

Sewer Line Clean Outs: Clean
Outs
Driveway



Water Supply - Water Filter: Water Supply - Filter
None

The home was noted to have a water filtration system installed. Testing of this type of system is beyond the scope of the home inspection. Recommend inquiring with the seller about the care and maintenance of the system.

### Water Supply - Water Pressure: Water Pressure

50-60 PSI

The house water pressure was tested at the exterior hose bib. The normal range for a home is between 40-75 PSI.

#### Sewer Line Clean Outs: Sewer Line Clean Outs

The clean outs are for the use of clearing the sewer line if a blockage occurs.

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# 23: WATER HEATER

## **Information**

Age

2 Years Old

**Capacity** 

50 Gallons

Water Heater - 1: Water Heater - 1: Water Heater - 1: Water Heater - 1: GOOD function

The water heater was functional at the time of the inspection.



#### Water Heater - 1: Water Heater Location

**Exterior Closet** 





#### Water Heater - 1: GOOD (Combustion Air)

Combustion air supply venting was noted. Calculations of the required air vent sizing is beyond the scope of a home inspection.

#### Water Heater - 1: Good (TPR)

The unit has a TPR valve (Temperature and Pressure Relief) installed that terminates at a drain or the exterior of the home.

### Water Heater - 1 : Good (Gas)

The gas line was noted to have a shut-off valve and a flexible gas line installed.

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# 24: BOILER 1

## **Information**

**Boiler - 1: Energy Source - Type**Gas

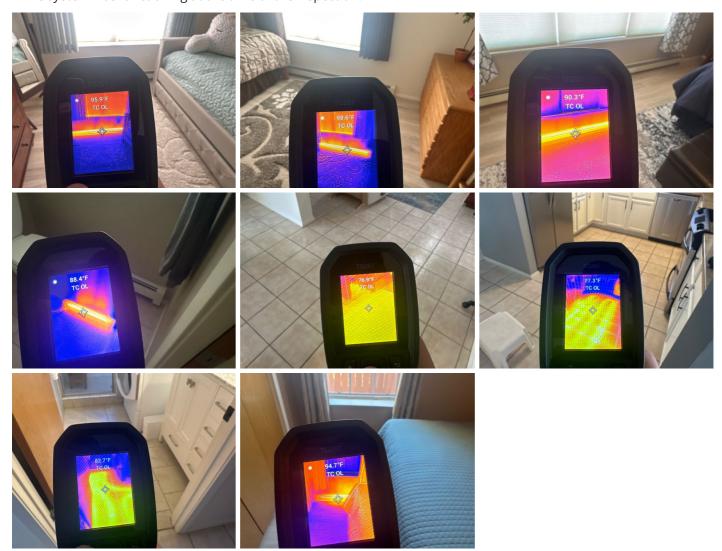
**Boiler - 1: Boiler Age**Estimated 30 Years Old

**Boiler - 1: System Pressure** 9 PSI



**Boiler - 1:** System - Functioning

The system was functioning at the time of the inspection.



**Boiler - 1: Boiler Location** 

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#### **Exterior Closet**





**Boiler - 1: Boiler Tubing Type**Kitec, PEX/Wirsbo





Boiler - 1: Gas Good

The unit uses gas to heat the home. The gas line was noted to have a shut-off valve and a flexible gas line installed.

#### **Boiler - 1: Combustion Air - GOOD**

Combustion air supply venting was noted. Calculations of the required air vent sizing is beyond the scope of a home inspection.

## Boiler - 1: PRV - Good

The unit has a PRV (Pressure Relief Valve) installed that terminates at a drain or the exterior of the home.

## **Limitations**

Boiler - 1

## **NOT VISIBLE (PIPING IN SLAB)**

The type of tubing used is not fully visible and could not be determined. Copper piping is used at the boiler, but the pipe in the slab was not visible.

## **Action items**

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24.1.1 Boiler - 1

## **20-25 (MONITOR)**



The unit is estimated to be 30 years old. The life expectancy is 20-25 years. It is not possible to determine when the unit will need to be replaced. Recommend monitoring the unit for repairs or replacement.

24.1.2 Boiler - 1



### WATER STAINS (EXHAUST VENT)

Water stains from past water entry into the exhaust vent pipe was noted. The area was dry at the time of the inspection. Recommend monitoring the area during heavy rain fall for possible leaks. Recommend making repairs if water entry is noted.



24.1.3 Boiler - 1

#### LOW<10PSI



The pressure is low. Standard pressure regulators come set at 12-15 PSI. Recommend having the unit further evaluated for any needed maintenance or repairs.

24.1.4 Boiler - 1



## **DIELECTRIC UNION (PAST LEAK)**

The dielectric union shows signs of past leakage of water. No active leaks were observed at this time. The part should be evaluated for repairs. Recommend consulting with a plumbing and boiler heating contractor for any maintenance/further evaluation.



24.1.5 Boiler - 1

## AIR SEPARATOR (PAST LEAK)



The air separator shows signs of past leakage of water. No active leaks were observed at this time. Recommend consulting with a plumbing and boiler heating contractor for any maintenance/further evaluation.



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# 25: HEAT PUMP WITH AIR CONDITIONING

## **Information**

Heat Pump/Air Conditioning -

**Age : Unit Age** Unknown **Heat Pump with Air Conditioning** 

- Supply Air Temp: Supply Air

**Temperature** 

Heat Good, Temps Low - Not

Tested

Heat Pump with Air Conditioning - Primary Type: Heat Pump/Air Conditioner (Location and Type)

Ground, Multiple Compressors

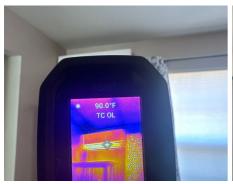






Heat Pump with Air Conditioning - System Condition: Good

The unit is functional at this time.





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# 26: ELECTRICAL SYSTEM

#### **Information**

**Electric Service - Location: Electrical Service Location** Underground



**Grounding Equipment: Grounding Conductors - Main Service Cables: Equipment/Source** Copper Rod in the ground

**Conductors - Branch Wiring:** Copper

The electrical branch wiring in the home is copper.

Main Panel Location: Main Panel Location

Garage



200 amps/ 240 Volt

Main Panel Power: 200 amps



Service Disconnect Switch: Main **Panel** 

Located at the main electrical service panel

**Breaker Labeling: Label Yes** The electrical breakers in the main electrical panel are labeled.

**Electrical Subpanels - Location: Electrical Sub-Panel Locations** Exterior



The outlets are GFCI protected.

Outlets/Switches - Exterior: Good Outlets/Switches - Kitchen: Good Outlets/Switches - Bathrooms: The outlets are GFCI protected.

Good

The outlets are GFCI protected.

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#### **Outlets/Switches - Laundry Room**

: Good

The outlets are GFCI protected.

#### AFCI(Arc Fault Circuit Interrupter) Breakers: Not Required

At the time of the construction of the home, ACFI breakers were not required to be installed in the electrical panel. No AFCI breakers were noted.

#### **Action items**

26.12.1 Electrical Sub- Panel(s) Condition



## WIRING (IMPROPER TERMINATION)

An electrical wire (x1) located inside the electrical sub panel was noted to be improperly terminated/not connected. Recommend having this condition further evaluated and a wire nut installed to improve the safety of the home.



26.15.1 Outlets/Switches - Garage



#### **OUTLET DAMAGE**

The outlets (x1) located at the garage north wall are damaged and should be replaced. Recommend consulting with an electrical contractor for repairs for the increased safety of the home.



26.17.1 Outlets/Switches - Bathrooms



## **REVERSE POLARITY**

The outlets (x1) located at the hallway bathroom are wired incorrectly. The wiring to these outlets should be evaluated to correct this condition. Recommend consulting with an electrical contractor for repairs for the increased safety of the home.



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# 27: FOUNDATION

## **Information**

#### **Foundation - Foundation: Slab**

The foundation is a slab on grade foundation that has footings that are below the grade of the soil, with no visibility of the footings and limited visibility of the stem walls.

## **Limitations**

Foundation - Slab Condition

#### **NOT VISIBLE**

The condition of the slab cannot be visually observed. A finished flooring has been installed over the surface.

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# 28: ATTIC SPACE

## **Information**

# Attic & Insulation - Structure: Decking Material is (OSB)

The roof decking material is OSB (oriented strand) board sheeting

# Attic & Insulation - Ventilation: Good

The ventilation is adequate for the attic space.

## Attic & Insulation - Insulation: Attic Insulation - Type Fiberglass Batt Insulation

Attic & Insulation - Access: Attic Space - Access







**Attic & Insulation - Structure: Wood Trusses** 

A truss system is installed in the attic cavity that is used to support the roof decking and transmit the roof load to the walls.

## **Limitations**

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Attic & Insulation - Access

## **ACCESS DOOR (LIMITED)**

The access to the attic was limited to viewing from the access door. The attic does not have a floor or a walkway to safely walk on in the attic space.

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## STANDARDS OF PRACTICE

#### Grounds

This inspection is not intended to address or include any geological conditions or site stability information. Any reference to grade is limited to only areas around the exterior of the exposed areas of foundation or exterior walls. We cannot determine drainage performance of the site or the condition of any underground piping, including subterranean drainage systems and municipal water and sewer service piping or septic systems.

#### **Roof System**

The roof condition is visually evaluated, it is impossible for anyone to detect a leak except as it is occurring or by specific water tests, which are beyond the scope of our service. Water stains on ceilings or on framing within attics will not necessarily confirm an active leak without some corroborative evidence, and such evidence can be deliberately concealed. We do not inspect attached accessories including by not limited to solar systems, antennae, satellite dishes and lightning arrestors. Roofs require regular maintenance and it is recommended that every year the roof is evaluated for the purpose of regular maintenance needs and possible repair. The parapets, skylights, penetrations (vents, gas, electrical), hips, valleys and the roof drains are common areas that often require maintenance repair.

#### **Laundry Room**

Laundry appliances are operated for the purpose of evaluating safety devices on the installed units. We do not test the efficiency of the appliances performance or move the appliances. The condition of any walls or flooring hidden by the appliances may not be accessible to evaluate. Drain lines and water supply valves serving washing machines are not operated.

#### **Kitchen - Appliances**

The kitchen appliances are tested for basic functionality, but are not evaluated for their performance nor are all functions, settings or cycles operated. Appliances older than ten years may exhibit decreased efficiency. Water filtration systems, trash compactors, ice machines and other small appliances are not tested. These items are considered to be beyond the scope of a home inspection.

#### **Plumbing System**

All underground piping related to water supply, waste, or sprinkler use are excluded from this inspection. Leakage or corrosion in underground piping cannot be detected by a visual inspection, nor can the presence of mineral build-up that may gradually restrict their inner diameter and reduce water volume. Plumbing components such as gas pipes, potable water pipes, drain and vent pipes, and shut-off valves are not tested if not intended for daily use. The inspector cannot state the effectiveness or operation of any anti-siphon devices, automatic safety controls, water conditioning equipment, fire and lawn sprinkler systems, on-site water quality and quantity, on-site waste disposal systems, foundation irrigation systems, spa and swimming pool equipment, solar water heating equipment, or observe the system for proper sizing, design, or use of materials. Any general comments about these systems and conditions are informational only and do not represent an inspection. Waste and drainpipes pipe condition is usually directly related to their age. Older pipes are subject to damage through decay and vegetation root movement or growth. Older homes with galvanized, orangeburg or cast iron supply or waste drain lines can be obstructed and barely working during an inspection and later fail under regular use. A significant portion of drainpipes are concealed, we can only evaluate their condition by observing the flow at drains and fixtures at the time of inspection.

#### **Water Heater**

All underground piping related to water supply, waste, or sprinkler use are excluded from this inspection. Leakage or corrosion in underground piping cannot be detected by a visual inspection, nor can the presence of mineral build-up that may gradually restrict their inner diameter and reduce water volume. Plumbing components such as gas pipes, potable water pipes, drain and vent pipes, and shut-off valves are not tested if not intended for daily use. The inspector cannot state the effectiveness or operation of any anti-siphon devices, automatic safety controls, water conditioning equipment, fire and lawn sprinkler systems, on-site water quality and quantity, on-site waste disposal systems, foundation irrigation systems, spa and swimming pool equipment, solar water heating equipment, or observe the system for proper sizing, design, or use of materials. Any general comments about these systems and conditions are informational only and do not represent an inspection. Waste and drainpipes pipe condition is usually directly related to their age. Older pipes are subject to damage through decay and vegetation root movement or growth. Older homes with galvanized, orangeburg or cast iron supply or waste drain lines can be obstructed and barely working during an inspection and later fail under regular use. A significant portion of drainpipes are concealed, we can only evaluate their condition by observing the flow at drains and fixtures at the time of inspection.

#### **Boiler 1**

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The inspector can only open readily available access panels provided by the manufacturer or installer for routine homeowner maintenance and evaluation, and will not operate components when weather conditions or other circumstances apply that may cause equipment damage. The inspector does not light pilot lights and ignite or extinguish solid fuel fires. The inspector is inspecting the visible portions of the unit and is not equipped to inspect areas that can only be done by dismantling the unit, such as the furnace heat exchangers for evidence of cracks or holes, or inspect concealed portions of evaporator and condensing coils, heat exchanger or firebox, electronic air filters, humidifiers and de-humidifiers, ducts and in-line duct motors or dampers. This is beyond the scope of a home inspection. Thermostats are not checked for calibration or timed functions. Adequacy, efficiency or the even distribution of heat throughout a building cannot be addressed by a visual inspection.

#### **Heat Pump with Air Conditioning**

We test a representative number of switches and outlets, that are readily accessible, and do not perform load-calculations to determine if the supply meets the demand. The inspection does not include low voltage systems, security system devices, heat detectors, carbon monoxide detectors, telephone, security, cable TV, intercoms, built in vacuum equipment and other components which are not part of the primary electrical power distribution system, but may be mentioned or commented on due to damage observed or informational purposes. Components of the electrical system that cannot be readily accessed due to storage of personal items or furniture, or lack of access (such as in the walls or concealed) cannot be inspected.

#### **Foundation**

During the course of the inspection, the inspector does not enter any area or perform any procedure that may damage the property or its components or may be dangerous to or adversely affect the health of the inspector or other persons. The foundation of the home is below the grade of the soil and often a visual inspection of these areas of the home are limited or completely inaccessible. Attics often do not have floors or rat runs installed for the purpose of walking through the attic, limiting the inspection of such areas to be performed from the access points only

#### **Attic Space**

In accordance with our standards, we do not attempt to enter attics that have less than thirty-six inches of headroom, are restricted by ducts, or in which the insulation obscures the joists and thereby makes mobility hazardous, in which case we would inspect them as best we can from the access point. In regard to evaluating the type and amount of insulation on the attic floor, we use only generic terms and approximate measurements, and do not sample or test the material for specific identification. Also, we do not disturb or move any portion of it, and it may limit the visibility of water pipes, electrical conduits, junction boxes, exhaust fans, framing and other

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