

Installing Contractor Insulation Boot Camp

Lesson 5: Situational Awareness

You must:

- Protect yourselves
- Protect the occupants
- Protect the structure

Example House



Right Side



Drainage



Hazardous Electrical



Front Side



Garage



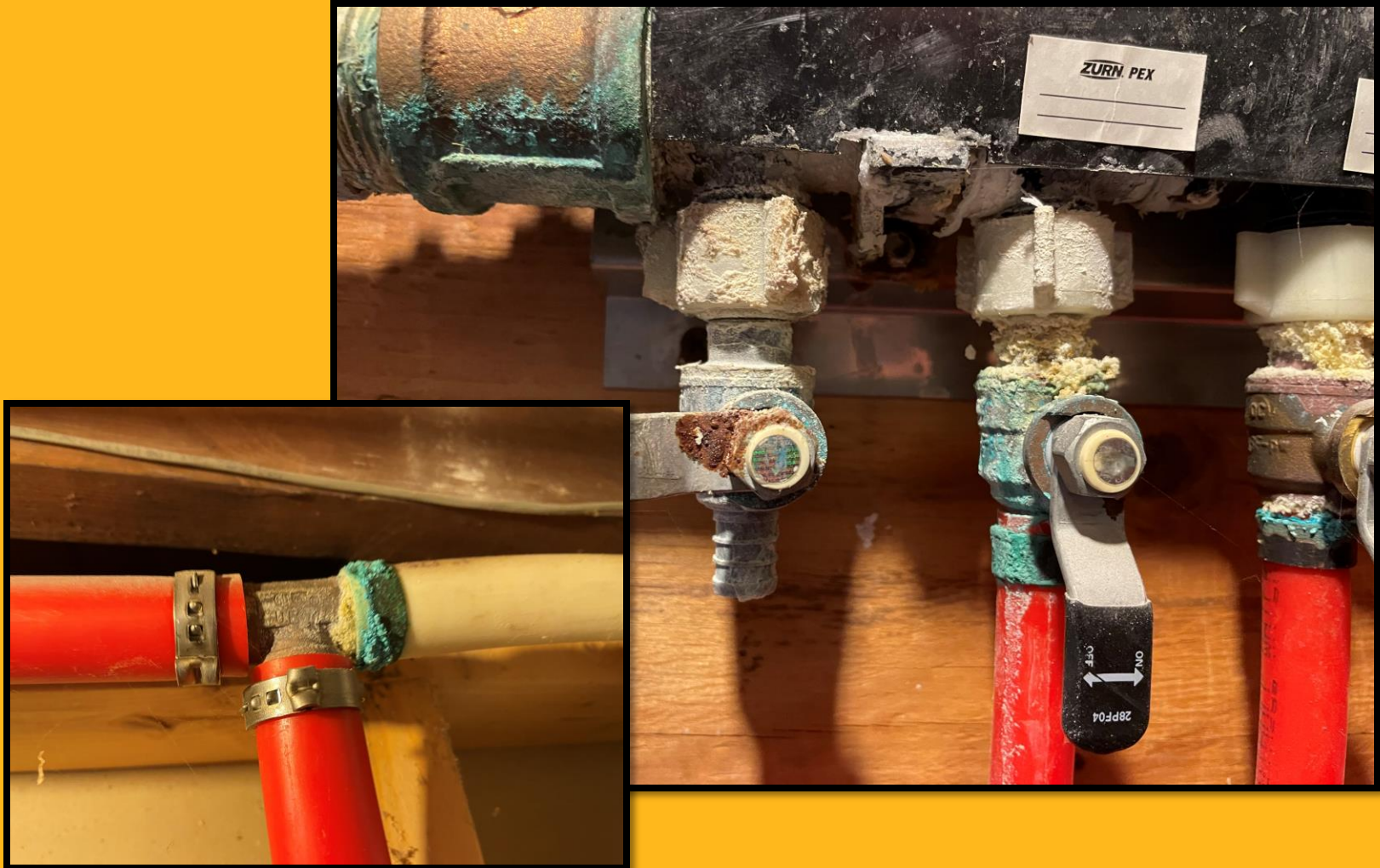
Right Side



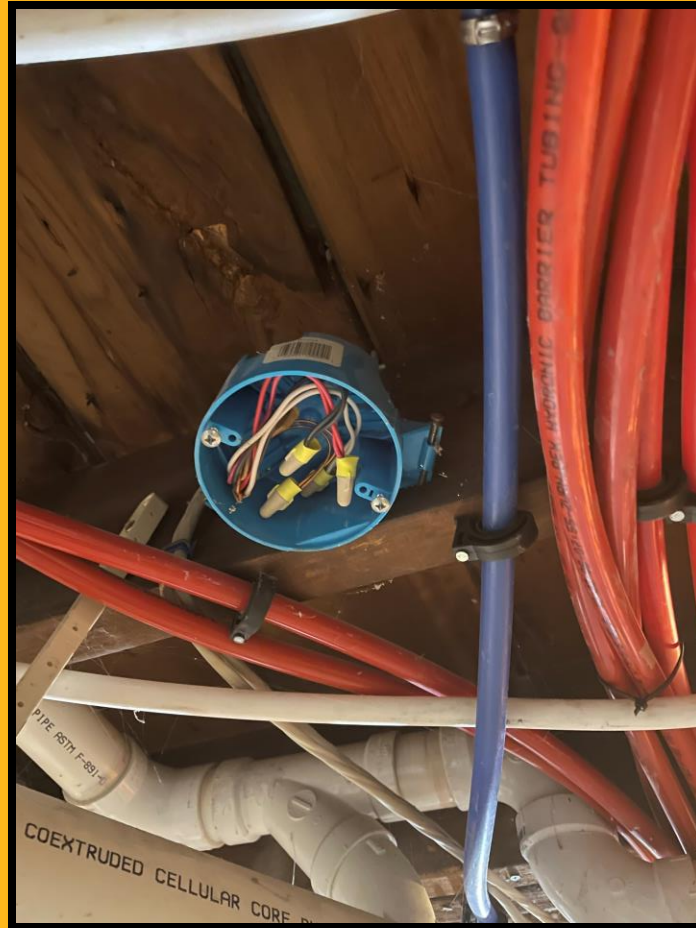
Back Side



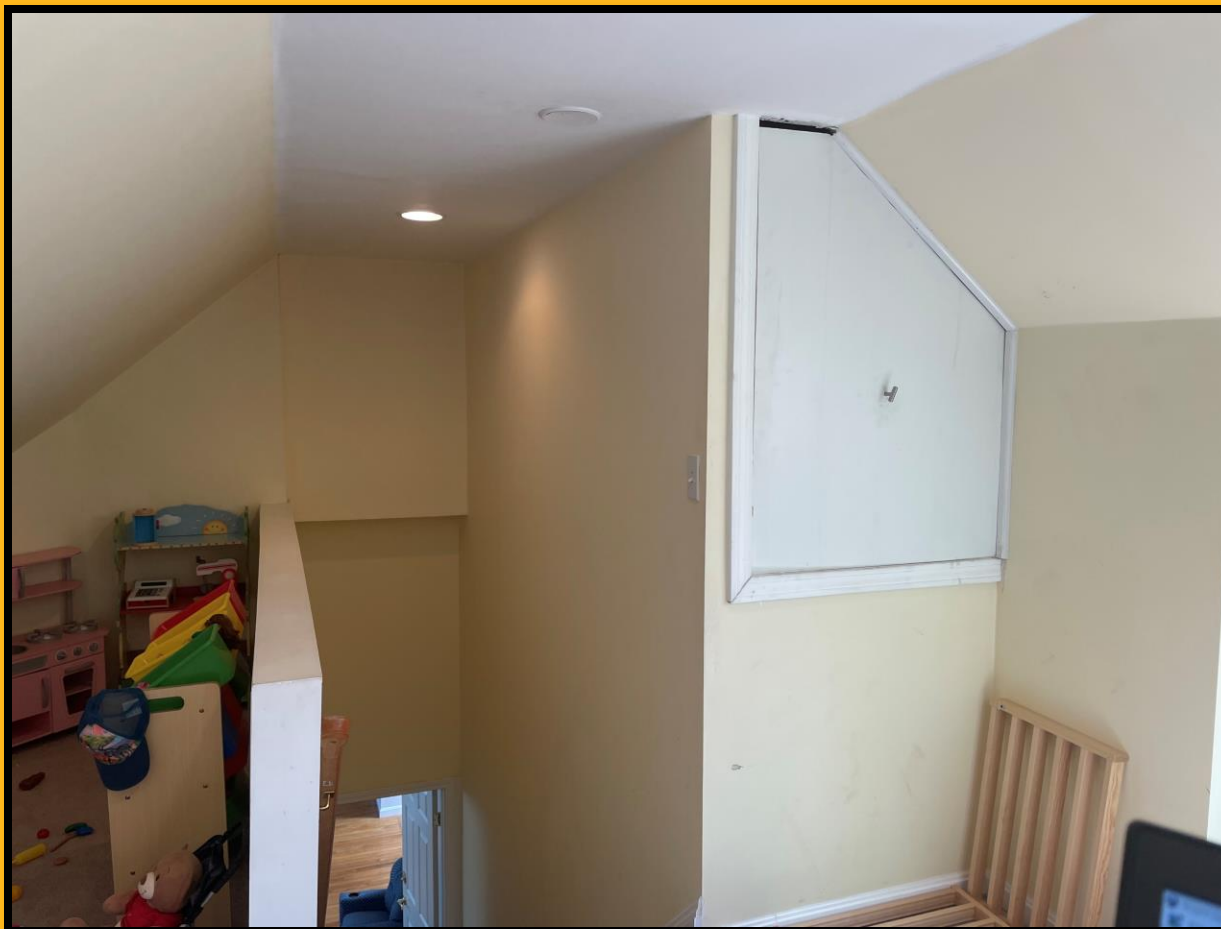
Basement Plumbing



Electrical Defect



Attic Access



Attic Access



Missing Insulation



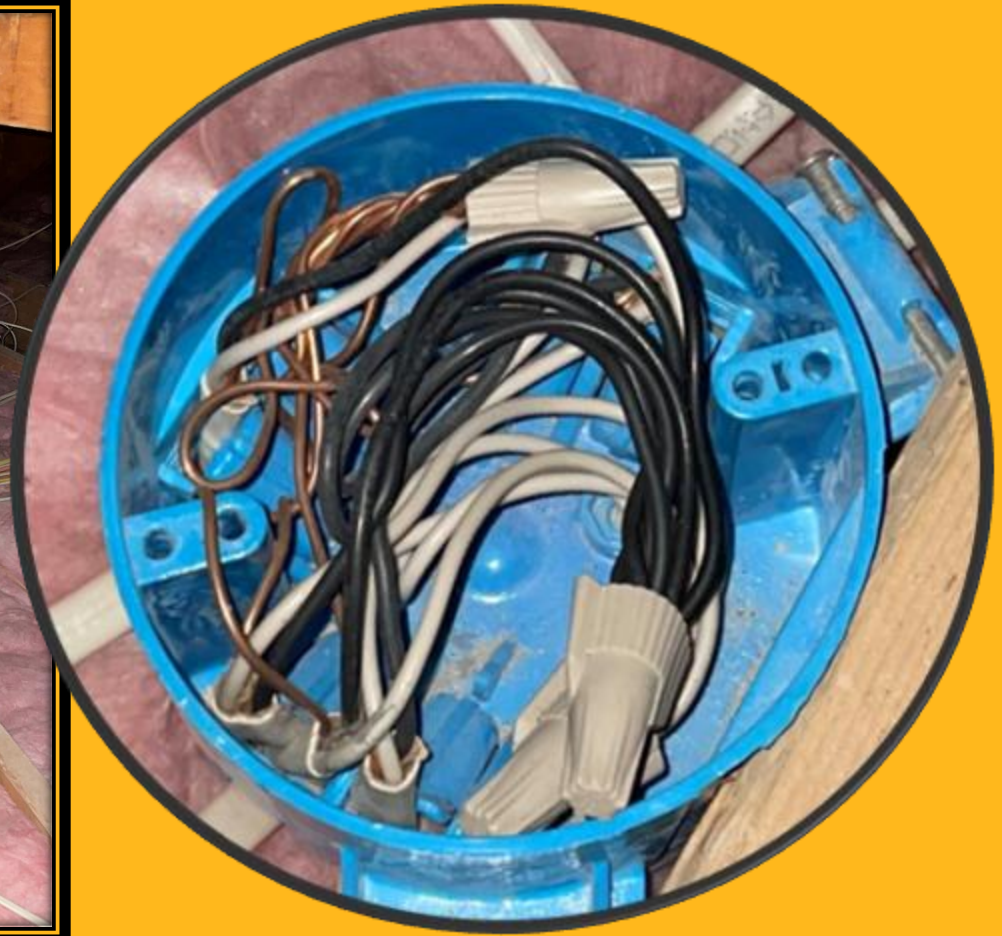
Poor Installation



Pest Control



Open Junction Box



Chimney Chase



Chimney Chase



Recessed Lights



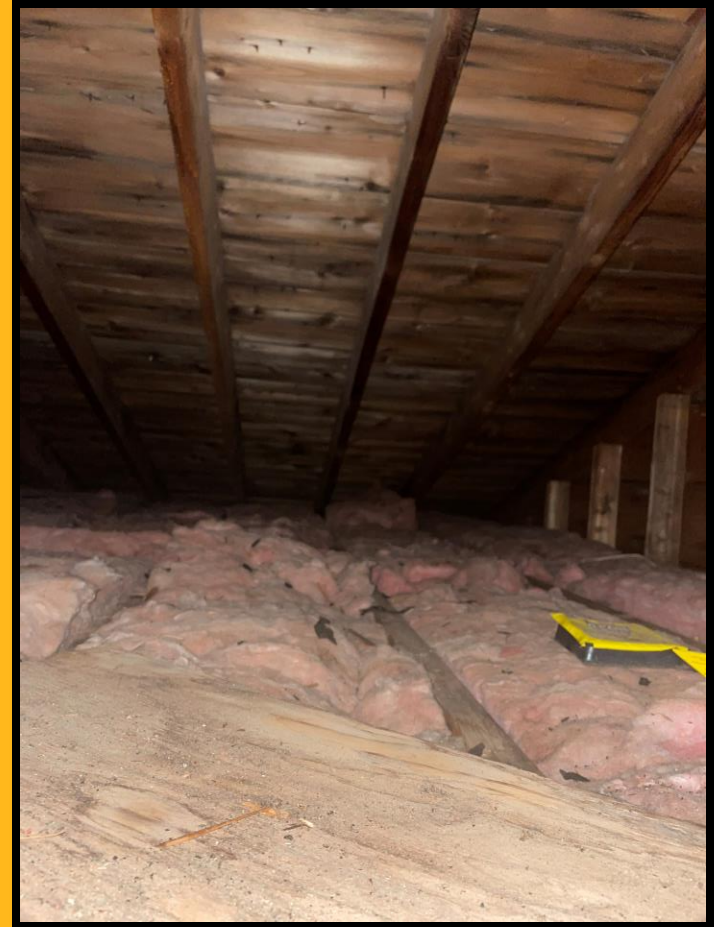
Example House



Garage Ceiling



Attic



Garage Ceiling



Garage Ceiling



Example House



Left Side



Back Side



Right Side



Clogged Dryer Vent



Waste Pipe



Hazardous Electrical



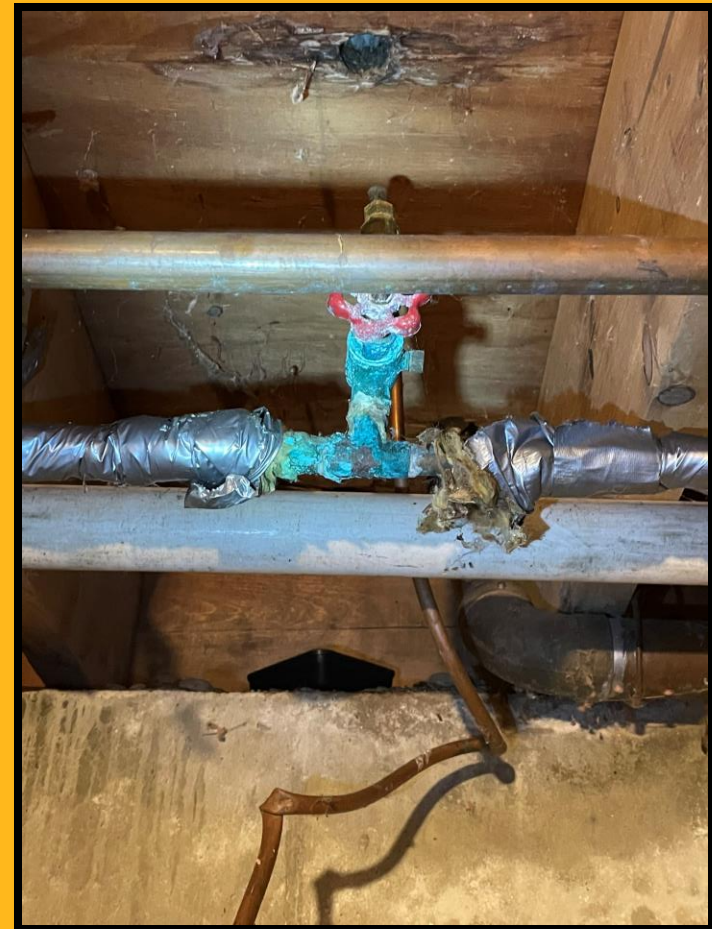
Natural Gas Heater



Poor Installation



Pipe Corrosion



Hazardous Electrical



Exposed Wires



That Ain't Right



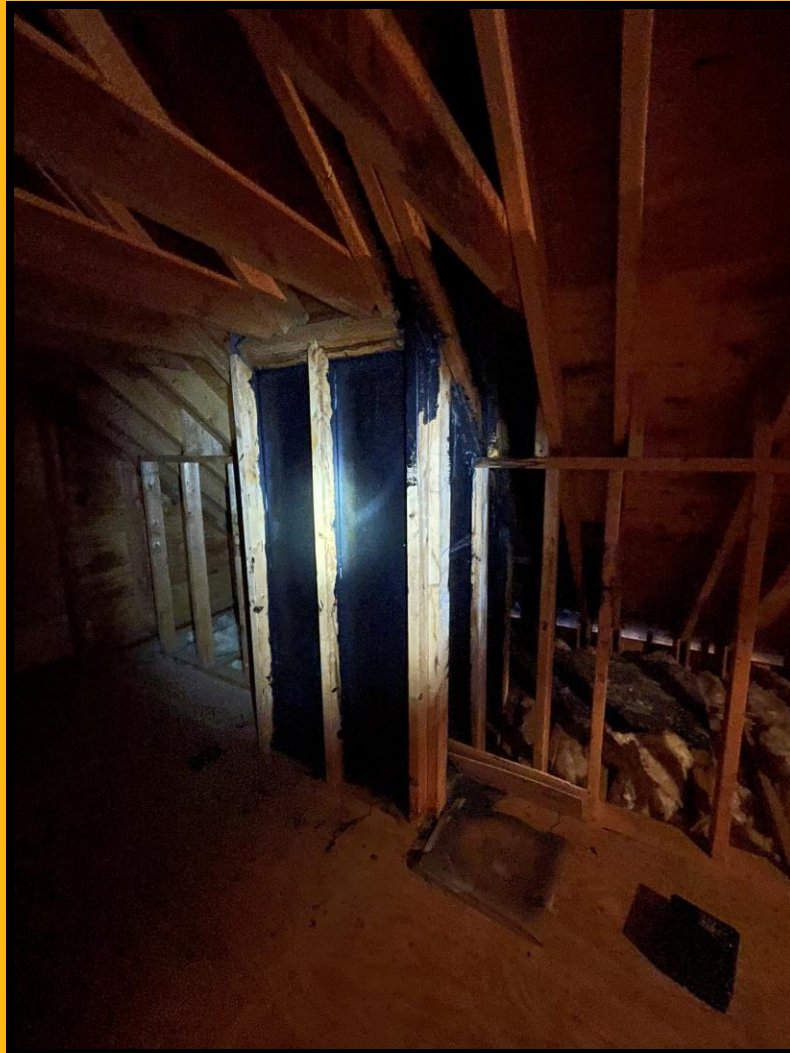
TPR Drainpipe



TPR Drainpipe



Skylight Leaks



Knob & Tube



Storage



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Vermiculite



Summary



- There are many ways we can injure ourselves on the jobsite
- There are numerous existing conditions in the home which may cause harm to the occupants
- While you aren't responsible for identifying every possible defect in a home, being knowledgeable of potential dangers allows you to provide a better service to the client

Plumbing/Moisture



- Active plumbing leaks
- Severe corrosion on pipes
- Mold
- Water intrusion
- Improper TPR drainpipe
- Exhaust fans not vented to the exterior
- Disconnect flue pipe (water heater)

Exterior

- Identify areas of damaged siding
- Check roof drainage systems, ensuring that gutters and downspouts are present, draining away from the home, and that the ground around the home slopes away from the structure
- Closely examine stair structures and decks for safety before using (wood rot, poorly secured, etc.)

Electrical

- Junction boxes lacking covers
- Wire splices not contained in junction boxes
- Blackened wires (indicates overheating)
- Wires which do not terminate in a junction box
- Black and white wires spliced together
- All junction boxes should be accessible (place markers to indicate location)
- Knob & Tube wiring

Questions

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