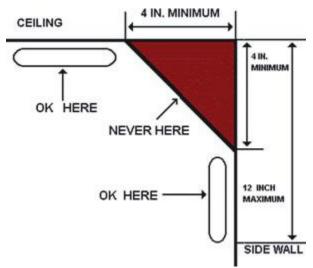
Smoke Detectors

 One <u>smoke detector</u> is required on every level of the home in a common area. *Every smoke detector* must be functional and properly located.



Gas Appliance Venting (furnaces, boilers, water heaters, space heaters, etc)

- All gas appliances must be viewed in operation.
- Must have proper clearance to combustibles.
 Drywall is considered combustible.
 - For single wall vents, 6" is required.
 - For double wall (B-vents), 1" is required.
- Backpitched venting, rust holes, or <u>backdrafting</u> at the appliance requires repair.

Water Heaters

- The water heater must be viewed in operation.
- Temperature and pressure relief valve discharge pipe must be full sized, not threaded at the end, and must terminate within 18" of the floor.

Gas Piping

- Every gas valve must be operable if the gas valve is stuck, it requires repair. Evaluators are required to test every gas valve.
- Improper <u>appliance connectors</u> must be replaced
- Open / uncapped gas lines require repair.

Plumbing

- The water must be turned on.
- Abandoned fixtures must be made operational or removed.
- Leaking drains, clogged drains, holes in drains, holes in vents, or any gaps that could allow sewer gas in to the home must be repaired.
- <u>Floor drains</u> must have a cleanout plug present, and must be operational.
- <u>Toilet ballcocks</u> must be an anti-siphon type, and must be properly installed.

Electrical

- The power must be on.
- <u>GFCI outlets</u> that do not lose power when the test button is pushed.
- Any potential for electric shock these items include:
 - Missing cover plates at outlets, switches, or junctions boxes
 - Missing knockout plugs at electrical boxes
 - o Missing circuit breakers or fuses
- Broken lights, outlets, or switches that create an immediate shock hazard.
- Extension cords being used in lieu of permanent wiring. The most common locations for extension cords are at garage door openers and water softeners.
- Spliced wires without a junction box
- Improperly terminated wires
- Evidence of tampering or oversized fuses / circuit breakers requires certification by an electrician.

This document was created by Structure Tech Home Inspections to help homeowners in Robbinsdale. This document may be copied, but not altered.

This document is best viewed online at <u>www.structuretech1.com/common-pos-repairs-robbinsdale.pdf</u>, as it contains several embedded links with additional information. Created September 2010