

Appendix A – Radon Mitigation System Inspection Checklist

1. Record System Address:

Street: _____ **Town:** _____ **State:** _____

2. **Number of Dwellings** [1 or 2]:

3. **Radon Zone Designation** (§1201):

4. **Verify Radon System Installed:**

Continue inspection of items 5 through 21.

a. **Exception** (§301.1):

*Mitigation System not installed.
 Attach certified test result below NAL.*

No further inspection required.

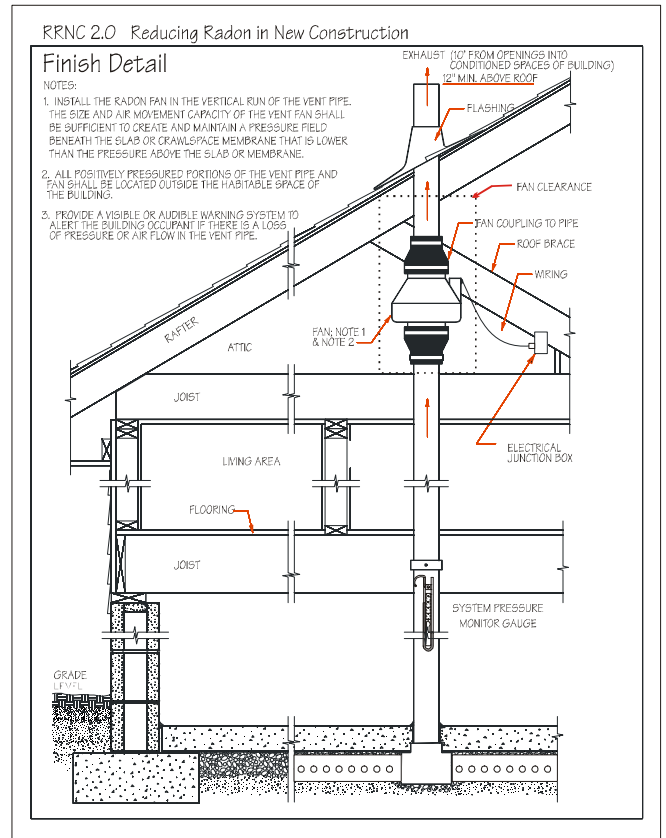
b. **Exception** (§901.1):

Mitigation System Rough-In only.

Rough-In Label (§901.2):

Attach certified test result below NAL.

Continue inspection of items 5-8, 11-17, 19-21



5. **Foundations** (§302.1): Verify all foundation areas in contact with the soil are treated as part of the *mitigation system*.

6. **Masonry Foundation** (§404.1.2): Verify filled block course along top of foundation wall and under doors and windows, if applicable.

7. **Floor Sump** (§404.1.1): Verify lid sealed on floor sump.

8. **Floor Drains** (§404.1.3): Verify radon resistant drains installed in any drain with exposure to the soil.

*** Items 9, 10 & 18 are only required for an active radon mitigation system with fan installed.**

9. **System Monitor*** (§1001.1): Verify monitor is installed.

- c. **System Pressure** (§1001.2): Record fan system start-up pressure.
- d. **System Labeling** (§1001.4): Verify System Label on pipe.
- 10. **System Documentation*** (§1001.5): Verify documentation package.
- 11. **Pipe Size** (§501.1): Verify pipe is minimum 3 inch [7.6 cm] diameter PVC or ABS.
- 12. **Pipe Labeling** (§501.10): Verify pipe is labeled on each floor, if visible.
- 13. **Pipe Slope** (§501.5): Verify slopes on all horizontal pipes slopes.
- 14. **Pipe Insulation** (§501.9): Verify pipe insulation, if required.
- 15. **Electrical** (§701.2): Verify junction box and disconnect for fan.
- 16. **Fan Location** (§901.8): Verify fan properly located outside occupiable space: attic, garage, roof, etc.
- 17. **Fan Clearance** (§701.1): Verify an area of vertical height not less than 48 inches [122 cm] and a diameter of not less than 21 inches [53 cm] provided in the area where the radon fan is (or can be) installed.
- 18. **Radon Fan*** (§901.3): Verify fan is installed and running.
- 19. **Radon Discharge** (§601): Verify pipe discharges upward outside the building, 1 foot [30 cm] above the roof surface, not less than 10 feet [3 m] horizontally from a vertical wall that extends above the roof penetrated, 10 feet [3 m] above the ground, 2 feet [60 cm] above any operable door or window within 10 feet [3 m] in this building or any adjacent building and 3 feet [91 cm] above or 10 feet [3 m] away from mechanical air intake openings.
- 20. **Test Kit** (§801.1): **Verify long term radon-in-air test kits are provided for each dwelling.**
- 21. **Radon Test** (§1101): **Attach certified test result below NAL.**

Inspected By: _____ Date: _____

Notes: _____

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