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| Local Education Agency | State Project No. | Phase |
| School | Architect | Date |

DAS - OFFICE OF SCHOOL CONSTRUCTION GRANTS & REVIEW (OSCG&R) PLAN REVIEW CHECKLIST

 **RADON SYSTEMS**

 C.G.S. 10-291(b) and C.G.S. 10-220(d)

**FORM SCG-3014**

* Do not use Not Applicable (N/A). Use “None”, “NPS” (Not in Project Scope), or explain condition.
* Submit completed **Pre-Bid Conformance Review (PCR) Checklist** with this completed form.
* Status column (by SCG staff): 🗸 Accepted ⭘ Open Item

|  |  |
| --- | --- |
|  | Status |
|  Item numbers 1 through 9 below **apply to both “passive” and “active” systems** |
|  | Drawings | Specifications |
| 01. | Under–slab composition, DOT#6 or better with gas-permeable geotextile beneath and vapor barrier above |  |  |  |
| 02. | All potential radon entry points sealed with polyurethane or equal (tooled-in). Typical locations include slab/wall joints, MEP penetrations and radon vent pipe penetrations in slabs/walls, etc. |  |  |  |
| 03. | Radon collection pit/box/pipe or combination. Maximum area(s) for chosen collector(s). |  |  |  |
| 04. | Vent pipe 3" diameter min., 4" min. if 2 suction points, sized for collection area and desired (future) CFM |  |  |  |
| 05. | Vent pipes labeled |  |  |  |
| 06. | Vent pipe routed through conditioned spaces or insulated |  |  |  |
| 07. | Vent pipe discharge point 25' minimum from air intake locations |  |  |  |
| 08. | Electrical rough-in for future fan(s) (labeled) |  |  |  |
| 09. | Roof penetration(s) details |  |  |  |
|  Item numbers 10 through 13 below **apply to “active” systems**. Not required until testing deems necessary. |  |
| 10. | Vent fan size(s), variable speed |  |  |  |
| 11. | Vent fan maintains neg. pressure below slab, tied to building energy management system |  |  |  |
| 12. | Building commissioning agent approval (High Performance Building projects) |  |  |  |
| 13. | Vent fan noise/vibration isolators |  |  |  |