

Local Education Agency	State Project No.	Phase
School	Architect	Date

DAS OFFICE OF SCHOOL CONSTRUCTION GRANTS PLAN REVIEW CHECK LIST

## RADON SYSTEMS

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

- 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.

			Accepted
<i>Item numbers 1 through 9 below apply to both “passive” and “active” systems.</i>			
		Drawings	Specifications
1.	Under-slab composition, DOT#6 or better with gas-permeable geotextile beneath and vapor barrier above		
2.	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.		
3.	Radon collection pit/box/pipe or combination. Maximum area(s) for chosen collector(s).		
4.	Vent pipe 3" diameter min., 4" min. if 2 suction points, sized for collection area and desired (future) CFM		
5.	Vent pipes labeled		
6.	Vent pipe routed through conditioned spaces or insulated		
7.	Vent pipe discharge point 25' minimum from air intake locations		
8.	Electrical rough-in for future fan(s) (labeled)		
9.	Roof penetration(s) details		
<i>Item numbers 10 through 13 below apply to "active" systems. (Not required until testing deems necessary.)</i>			
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 (HPB projects)		
13.	Vent fan noise/vibration isolators		