

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH



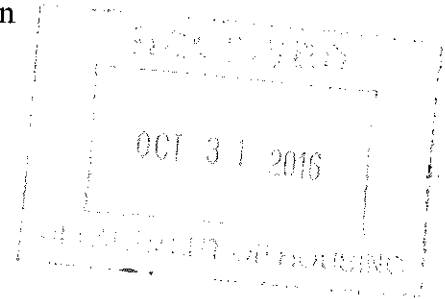
Raul Pino, M.D., M.P.H.
Commissioner

Dannel P. Malloy
Governor
Nancy Wyman
Lt. Governor

Environmental Health Section

October 27, 2016

Helen Muniz
CT Department of Housing
Hartford, CT 06106



RE: Notice of Scoping for Meriden Commons Phase I/II

Dear Ms. Muniz:

A review of the scoping notice reveals a proposal to construct housing units in various phases at 161 State Street, 177 State Street, and 62 Cedar Street. If a new building is to be constructed as part of the project plan, it should be built using radon resistant features for occupied spaces.

The following summarizes the Department's position with regard to radon:

A. Radon

The Connecticut Department of Public Health Radon Program recommends that during the construction of an occupied building, radon resistant features should be built into the infrastructure of the building.

The list below describes the basic components of radon resistant new construction:

- A gas permeable layer, such as 4-inch gravel, placed beneath the slab to allow soil gases to move freely underneath the building
- Plastic sheeting over the gas permeable layer and under the slab to help prevent soil gases from entering the home
- Sealing and caulking all openings in the foundation floor to reduce soil gas entry
- A vent pipe, such as 6 inch PVC pipe, to run from the gas permeable layer through the building to the roof to safely vent soil gases above the building
- An electrical junction box installed in case an electric venting fan is needed later



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The new building should be tested for radon after construction is completed. If radon results are at or above 4.0 picocuries per liter (pCi/L), the existing system should be activated by installing an in-line fan.

Additional inquiries on the subject of radon resistant new construction can be directed to Allison Sullivan, Environmental Analyst 3 of the Radon Program at 860-509-7299.

Sincerely,

A handwritten signature in black ink, appearing to read 'Suzanne Blancaflor', with a long horizontal flourish extending to the right.

Suzanne Blancaflor, M.S., M.P.H., Chief
Environmental Health Section