

Sub-Slab Depressurization System Install

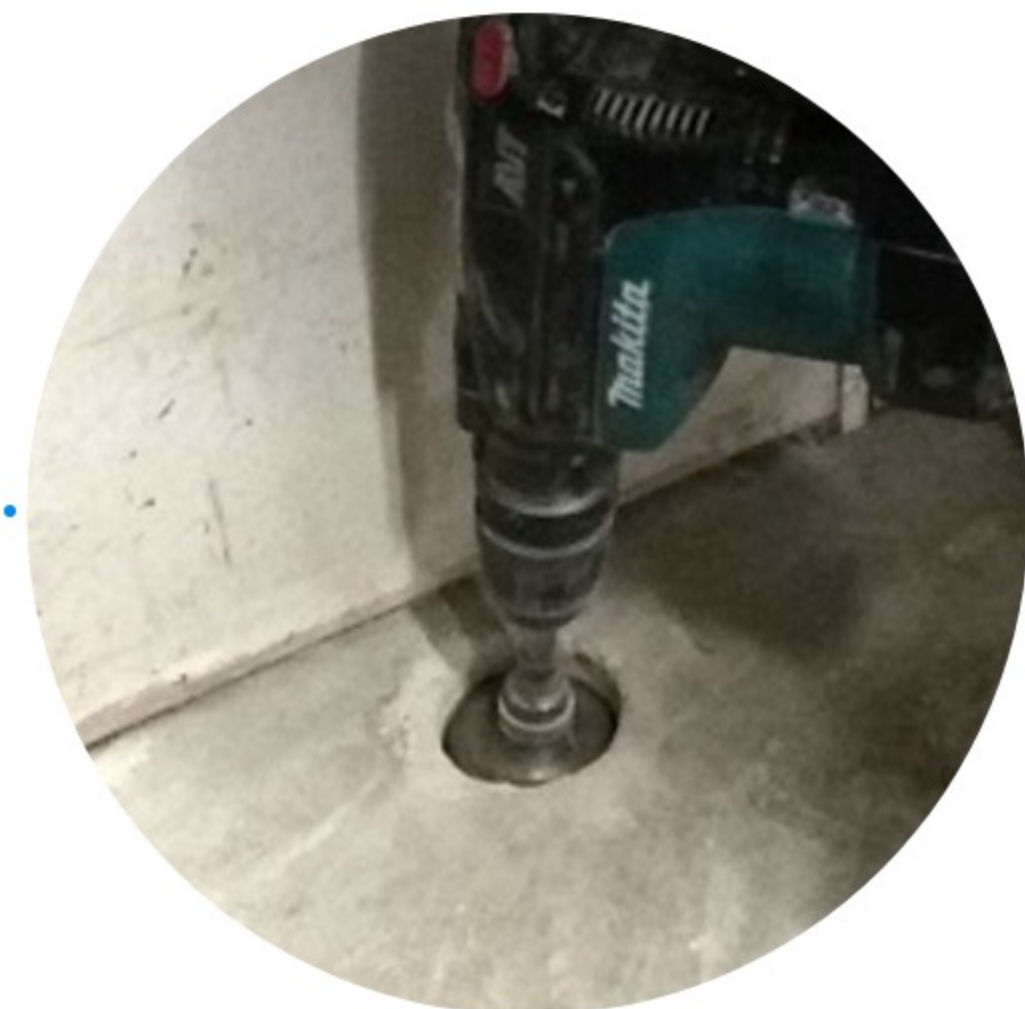
Step by Step

The following photographs and process represent an example system. The design and layout of a system is tailored to meet the requirements of the building layout and the contaminants identified, along with considerations for building occupants and owner requests.



1 Pilot Test

A Sub-Slab Depressurization system pilot test is first performed.



2 Drilling

On the ground floor of a building, a hole is drilled through the floor slab into the soil.



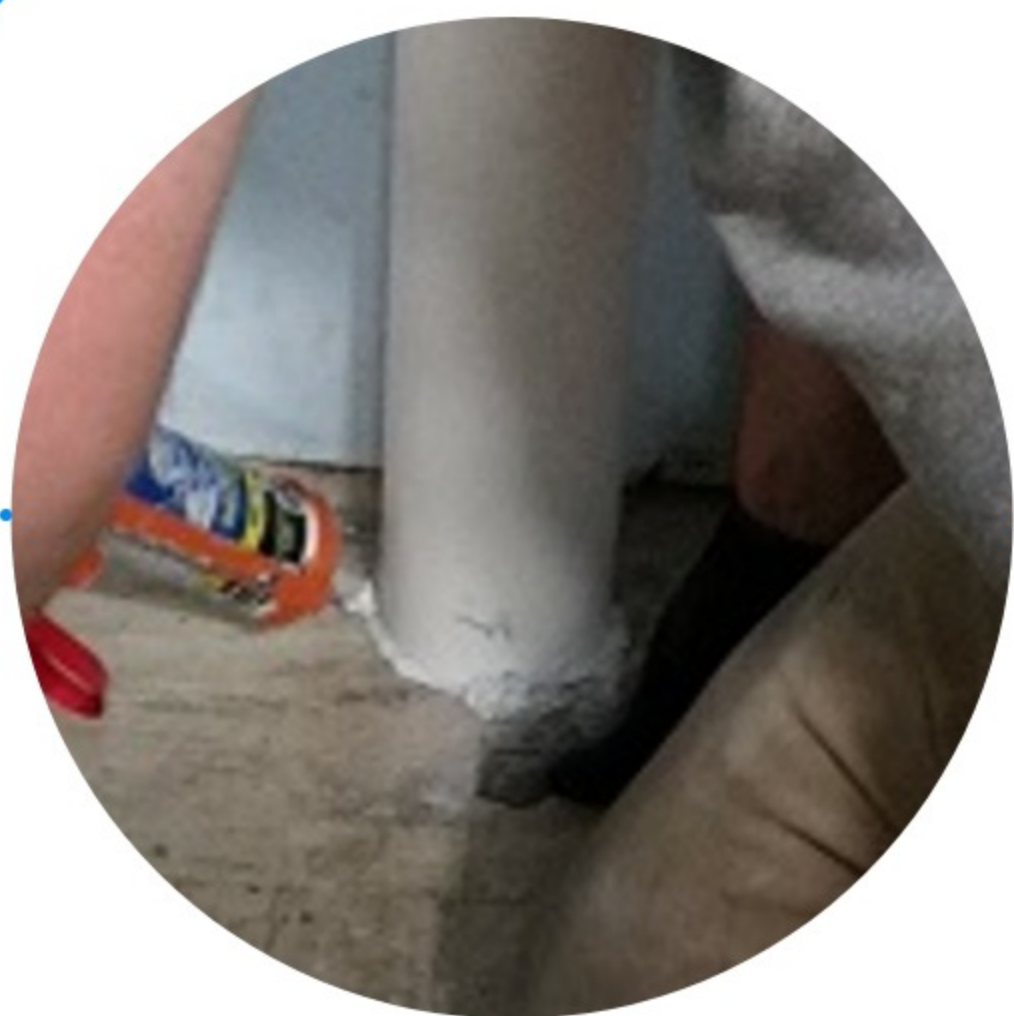
3 Vapor Collection

A collection pit, or sub-slab piping, is then created in the area. Extractions fans are mounted next.



4 Install piping

Extraction and venting pipe is then installed.



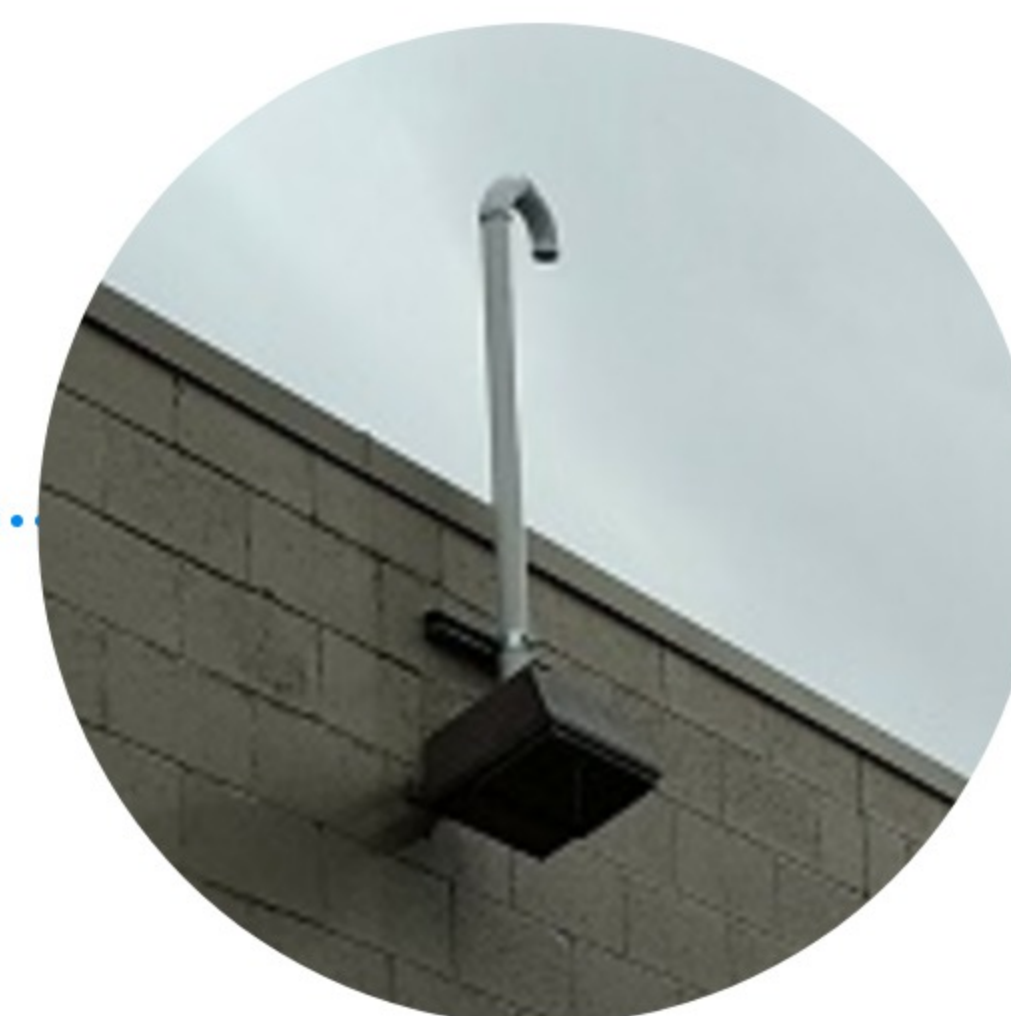
5 Seal

The piping must be sealed where it connects to the floor, as well as around any external venting areas.



6 Venting

The vent pipe is then exited through the wall or ceiling of the building.



7 Exterior Termination

The piping must terminate above the roofline.



8 Monitor

System monitoring gauges, in-line test ports, and floor vacuum test ports are the last items to be installed before the system is complete.