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Design consideration for SVE. Soil vacuum causes water table to rise, reducing thickness of unsaturated zone. If water table is shallow, water vapor entrained into SVE system can be a problem, especially due to system freezing in winter. Surface cap is needed to reduce entrainment of clean air from the atmosphere.

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Soil Vapor Mitigation System Design And Construction CATEGORY OF SERVICE, LOCATION: Certification of new mixed-use building vapor intrusion mitigation barrier (VIMB) installation for a sub-slab depressurization system , Oakland, California (Vapor Barrier Leak Testing and Certification). TYPE OF CLIENT: New Construction Commercial Developer.

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