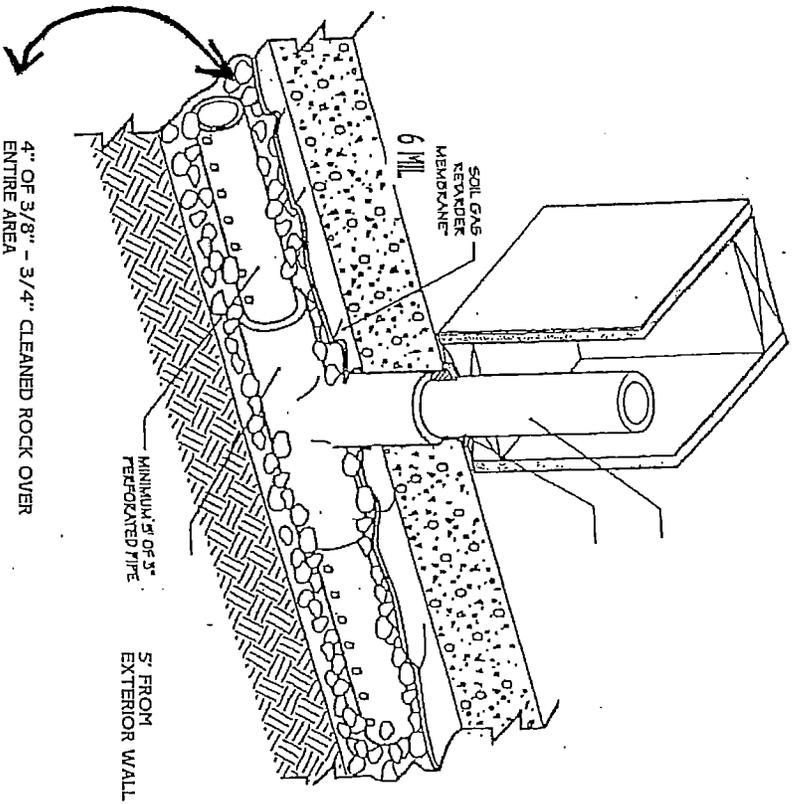


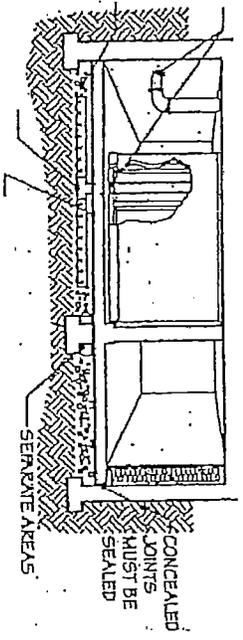
RADON VENT TIRE  
TERMINATES IN A 1" DIA JUST

# RADON



BELOW SOIL GAS  
REWORKER MEMBRANE  
•BASEMENT MITIGATION  
REMOVE ONLY IN HIGHER RISK RAPON  
COUNTIES

SOIL GAS REWORKER  
MEMBRANE SEALED  
AT FOUNDATIONS AND  
ALL PENETRATIONS  
REQUIRE SERRATE  
RADON VENT PIPES OR 3\"/>



- Concrete Slabs.** Concrete slabs in contact with the ground and within residential living space including unheated basements must be:
- Placed over a minimum 4-inch thick layer of graded aggregate.
  - Placed directly on top of a soil gas retarder membrane or placed over a sealed membrane if concrete and membrane are not in direct contact.
  - Sealed at all joints or penetrations to limit the entry of soil-gas into indoor air.
  - Connected directly to a radon vent. The vent must meet the same specification listed (p. 62). Installation of a fan is not required.
- When a radon vent must be installed, the Code requires a continuous sealed pipe that rins from beneath the ground cover in the crawl space or the soil gas retarder membrane under a slab to a point outside the building. (See Figures 2.14.) The radon vent must:
- Have a minimum 3-inch diameter.
  - Be constructed of PVC schedule 40, ABS, or approved equivalent smooth walled pipe.
  - Terminate no less than 12 inches above the eaves.
  - Terminate more than 10 feet horizontally from chimneys or operable windows.
  - Be sloped to drain.
  - Be visibly labeled "Radon Vent."
  - Be located within the thermal envelope to the extent practicable. (See Figures 2.16 and 2.17 for additional details.)