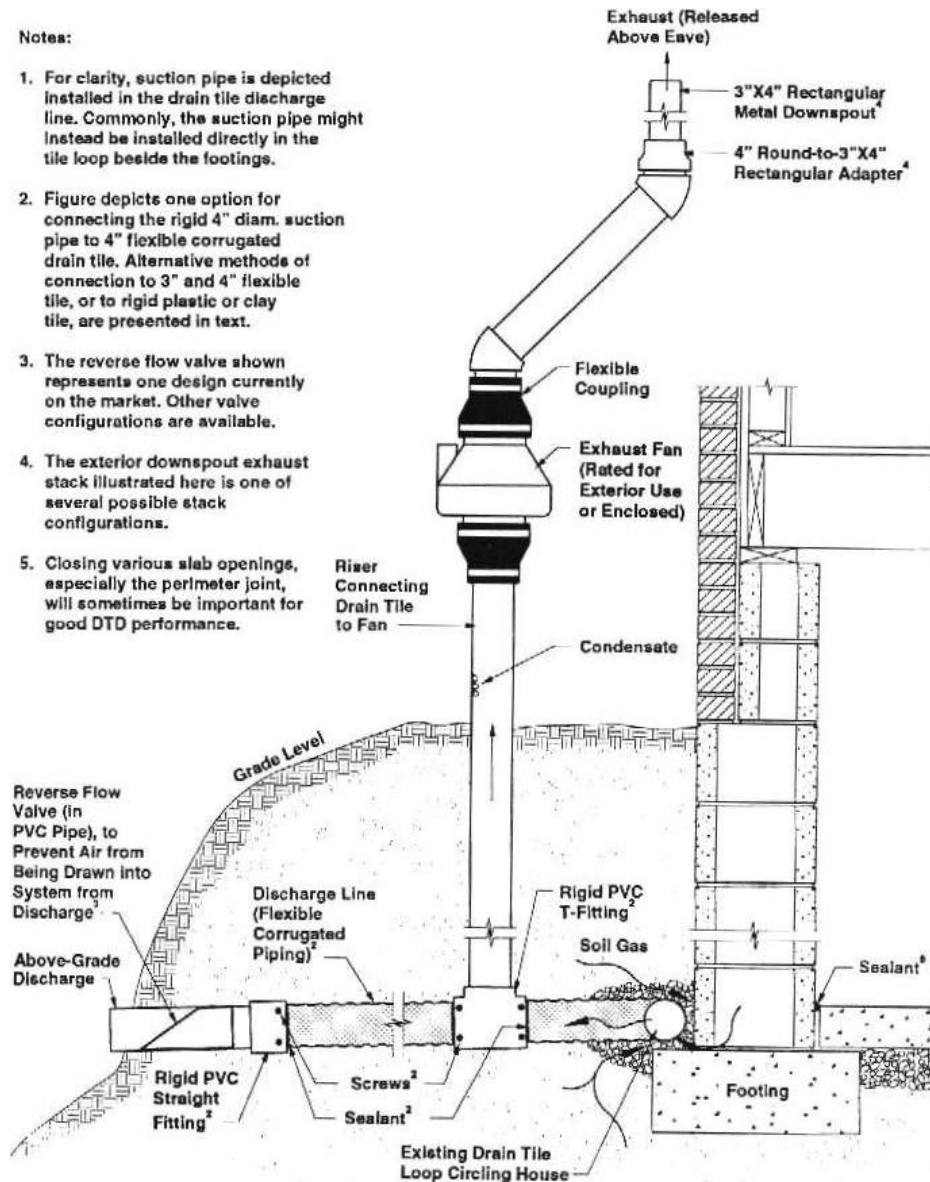




Drain Tile Depressurization – Drain to Daylight

Notes:

1. For clarity, suction pipe is depicted installed in the drain tile discharge line. Commonly, the suction pipe might instead be installed directly in the tile loop beside the footings.
2. Figure depicts one option for connecting the rigid 4" diam. suction pipe to 4" flexible corrugated drain tile. Alternative methods of connection to 3" and 4" flexible tile, or to rigid plastic or clay tile, are presented in text.
3. The reverse flow valve shown represents one design currently on the market. Other valve configurations are available.
4. The exterior downspout exhaust stack illustrated here is one of several possible stack configurations.
5. Closing various slab openings, especially the perimeter joint, will sometimes be important for good DTD performance.



Drain Tile Depressurization tapped into at exterior can provide good radon reduction. Note one-way valve at discharge point, which permits water discharge but “caps” airflow for good pressure field extension